



A Living Brand

LifeCare
Surgical





Main office and factory:

Area No. 3, Block B,
Free Zone , Nasr city ,
Cairo - Egypt.

Phone: +202 672 03 14
 +202 672 03 15

Fax : +202 672 03 16
www.lifecaresi.com

6th October Factory:

6th October city .
Industrial Zone No. 3,
Carnival Industrial compaond
Giza - Egypt.

Phone: +202 672 03 15
Fax : +202 672 03 16



Chairman Word:

*T*o our country, to all the world and to the future, we founded lifeCare Surgical.

Starting from where others ended, adding the value of 30 years experience in the field of instrumentation.

Offering products with the best quality that appreciate health care and doctors needs.

Sherif Ezzat

Different type of finishing:

Black Finish:

Black instruments are recommended for use in Micro Surgeries, under microscope, as well as in large operating fields using large instruments such as big retractor. The black finish is very effective in preventing light reflection during surgeries and making them convenient for surgeons.



Extra Finish:

In this way we satisfy our customers who would like to make special marks or images on their own instruments. Upon special request we can make one instrument with two types of finishing. In this way one part of the instrument will be in mirror finish and the other part will be satin, Black or gold finish.



Mirror Finish:

Instruments made of high quality stainless steel provided in a shiny mirror finish. Those instruments are made upon customer request to this unique image and shine of silver. It gives the instrument a shape of dignity.



Electro Surgical:

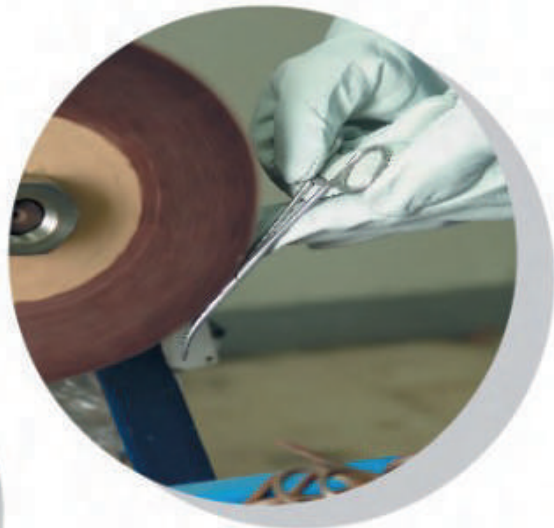
Different types of electro surgical isolated instruments are available including standard electro surgery instruments as well as special electro surgery instruments according to your request and experience.





Production:

A complete chain of highly skilled technical experts working on up to date technology of machinery, using high grades of raw materials companied together in one place.



Quality Control:

We manufacture our products according to European standards.



We also enhanced our quality with high quality certificates ISO 14385/2003



Packing:

Using the EAN 128 international coding in a packing designed to take care of the safety of delicate instruments.

Delicate instruments packing

Regular packing



Certificate of CE-Registration



MDSS

Medical Device Safety Service

This is to certify that, in accordance with the Medical Device Directive 93/42/EEC, Medical Device Safety Service GmbH (MDSS) agrees to perform all duties and responsibilities as the Authorized Representative for:

**LifeCare Surgical Instruments
Area No. 3, Block B
Free Zone, Nasr City
11816 Cairo
EGYPT**

as stipulated and demanded by the aforementioned Directive. The German Competent Authority has allocated the medical devices of the Manufacturer registration numbers as foreseen in:

Annex A dated November 04, 2019

The Manufacturer has provided MDSS with the appropriate Declaration(s) of Conformity confirming that the medical devices fulfill the applicable requirements of Directive 93/42/EEC. In compliance with German law, a safety officer has been appointed for Germany.

2019-11-04



Dr. Philipp Hohenbrink
Senior Consultant
MDSS GmbH

Certificate of Registration

This certificate of Registration certifies that:

LIFECARE SURGICAL

**Carnaval Industrial Compound, 3rd Industrial Zone, 6th of October City,
Post code: 12563, Cairo - Egypt**

has registered with the US Food and Drug Administration pursuant to Title 21 of the United States Code of Federal Regulations.

**US FDA Registration Number: 3004577006
Owner Operator Number: 9063680**

**US Agent: Willow Glen Consultancy LLC
Willow Glen Number: WG1910MR2428
Expiration Date: December 30, 2020**

This certificate affirms that the above named facility is registered with the US FDA pursuant to the regulations required by the US laws. This registration has been verified as effective by Willow Glen Consultancy as of the date below, unless such registration has been terminated after issuance of this Certificate. Willow Glen Consultancy makes no additional representations or warranties, nor does this certificate carry any to any person or entity other than the named certificate holder, for whose sole benefit it is issued. Willow Glen Consultancy assumes no liability to any person or entity in connection with the foregoing, nor does the U.S. FDA recognize a certificate of registration issued by Willow Glen Consultancy.

Willow Glen Consultancy is a private agent not affiliated with the U.S. Food and Drug Administration.



**Amanda Ou, Operation Director
Willow Glen Consultancy LLC
+1-619-869-0249
Date: October 30, 2019**



Willow Glen

**WillowGlenFDA.com
Info@WillowGlenFDA.com
3755 Avocado Blvd, Suite 208
La Mesa, CA 91941, USA**



CERTIFICATE

This is to Certify that the Management System of

LIFE CARE SURGICAL INSTRUMENTS

FACTORY: AREA NO. 3, BLOCK B, FREE ZONE NASR CITY, CAIRO - EGYPT

WAREHOUSE: 6TH OF OCTOBER CITY, CARNIVAL INDUSTRIAL COMPOUND
CAIRO, GIZA - EGYPT

has been found to conform to the Medical Devices – Quality Management System standard:

ISO 13485:2016

This certificate is valid for the following scope of operations:

MANUFACTURING AND SALES OF SURGICAL INSTRUMENTS

Certificate No.: EG92109H

<u>Date of initial registration</u>	<u>Date of this Certificate</u>	<u>Surv. audit on or before/ Certificate expiry</u>	<u>Recertification Due</u>
30 April 2019*	20 March 2021	29 April 2022	29 April 2024

This Certificate remains valid subject to satisfactory surveillance audits.

*(Note:- Certification Registration is Transferred from Staunchly Management & System Services Pvt. Ltd.
So Date of Initial Registration is Subject to previous Registrar.



Director

For verification and updated information concerning the present certificate visit to www.lmscert.com

This Certificate is the property of LMS Certifications Private Limited and shall be returned immediately when demanded.



LMS Certifications Private Limited
1, Ananddham, Opp. Kukrail Picnic Spot Gate,
Faridi Nagar, Lucknow - 226015, U.P. (INDIA).
Phone : +91-9554645464
Visit :- www.lmscert.com
E-mail :- info@lmscert.com



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- Knives, scalpels
- Couteaux, bistouris
- Cuchillos, bisturios



A-0020.##



Fig. 1
A-0020.01



Fig. 2
A-0020.02



Fig. 3
A-0020.03



Fig. 4
A-0020.04



Fig. 5
A-0020.05



Fig. 6
A-0020.06



Fig. 7
A-0020.07



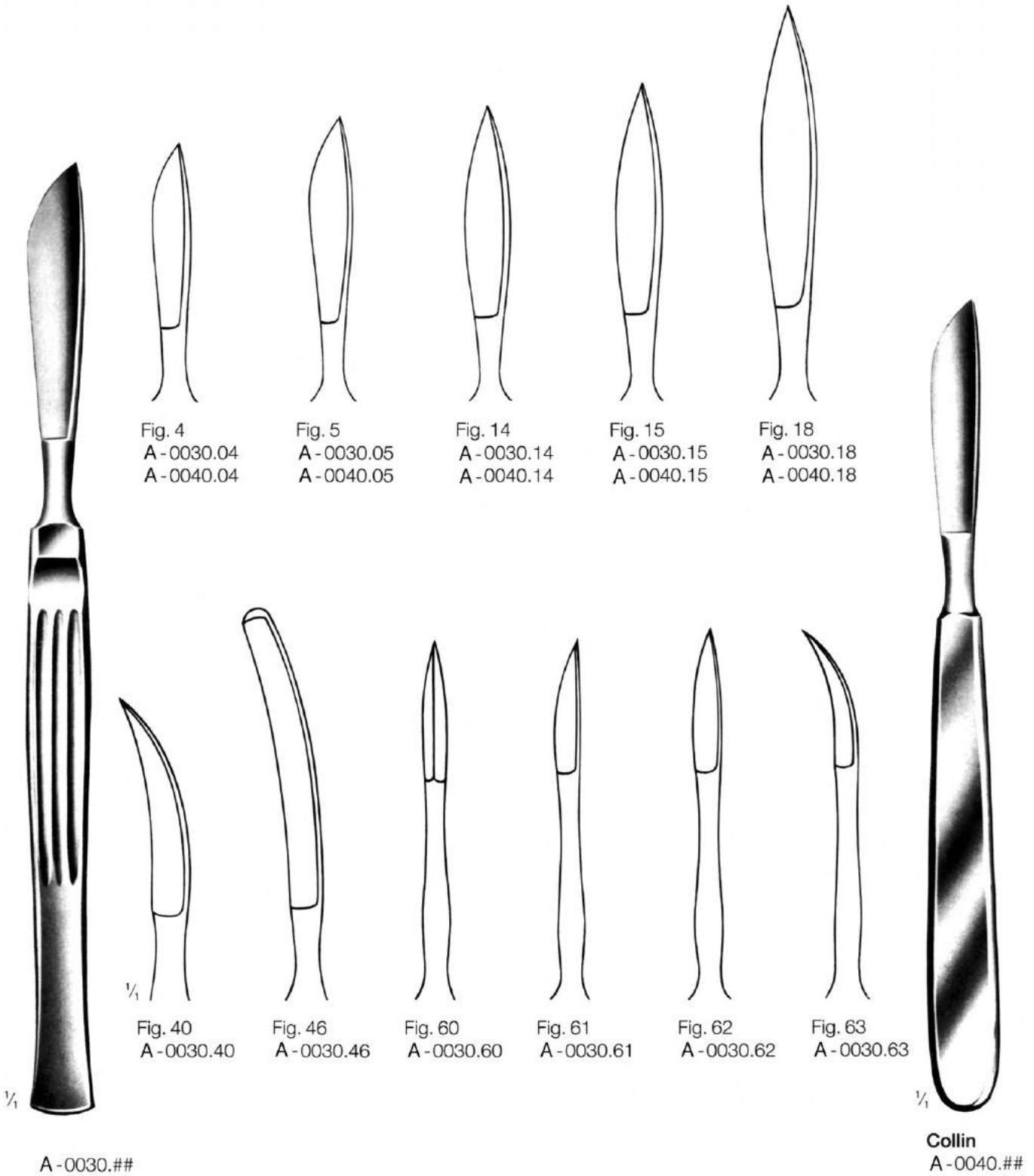
Fig. 8
A-0020.08



Fig. 9
A-0020.09



Fig. 10
A-0020.10





1/4

Dieffenbach



Fig. 1
A-0056.01



Fig. 2
A-0056.02



Fig. 3
A-0056.03



Fig. 4
A-0056.04



Fig. 5
A-0056.05



1/4
Fig. 6
A-0056.06



Fig. 7
A-0056.07



Fig. 8
A-0056.08



Fig. 9
A-0056.09

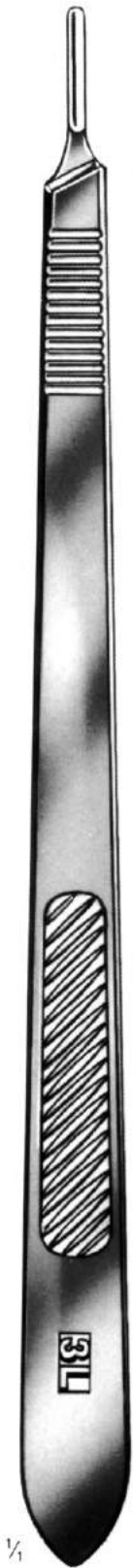


Fig. 15
A-0056.15



Fig. 16
A-0056.16

for blades
 A-0105.10 A-0106.15



No. 3L
 A-0100.13



No. 3
 A-0100.03

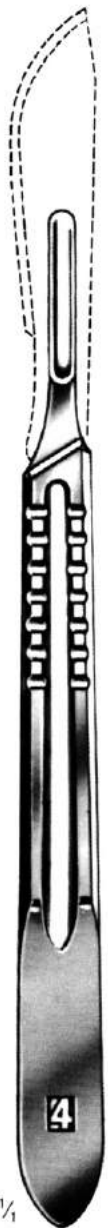


No. 7
 A-0100.17

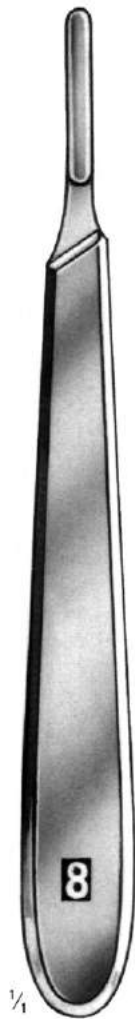


No. 7K
 A-0100.07

for blades
 A-0112.18 – A-0113.36



No. 4
 A-0102.04



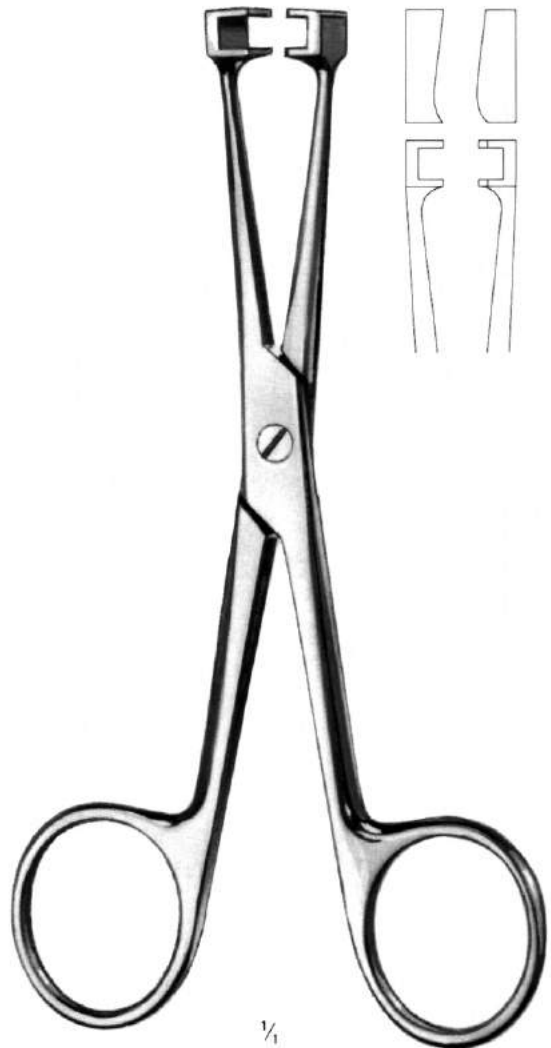
No. 8H
 A-0102.08



No. 4L
 A-0102.14



Kling-Ex
 A-0108.05



Dutch Pattern
 14 cm, 5 1/2"
 A-0108.14

for handles
A-0100.03, A-0100.07
A-0100.13, A-0100.17

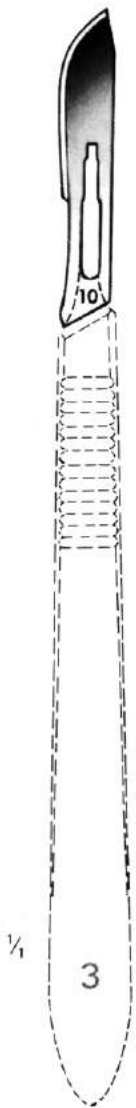


Fig.	10	11	12	13	14
steril	A-0105.10	A-0105.11	A-0105.12	A-0105.13	A-0105.14



Fig.	15	16	17	12d	15c
steril	A-0105.15	A-0105.16	A-0105.17	A-0106.12	A-0106.15

for handles
A-0102.04 – A-0102.14

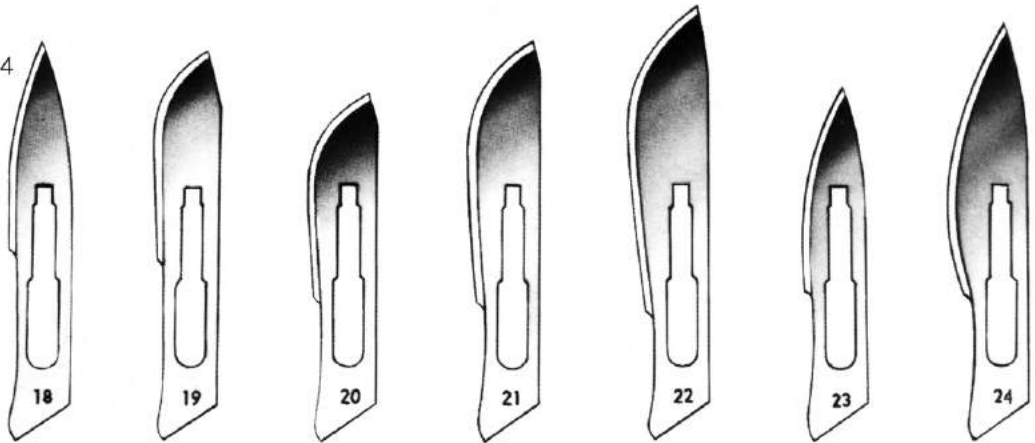
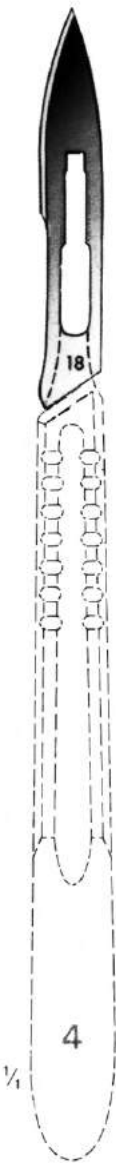


Fig.	18	19	20	21	22	23	24
steril	A-0112.18	A-0112.19	A-0112.20	A-0112.21	A-0112.22	A-0112.23	A-0112.24

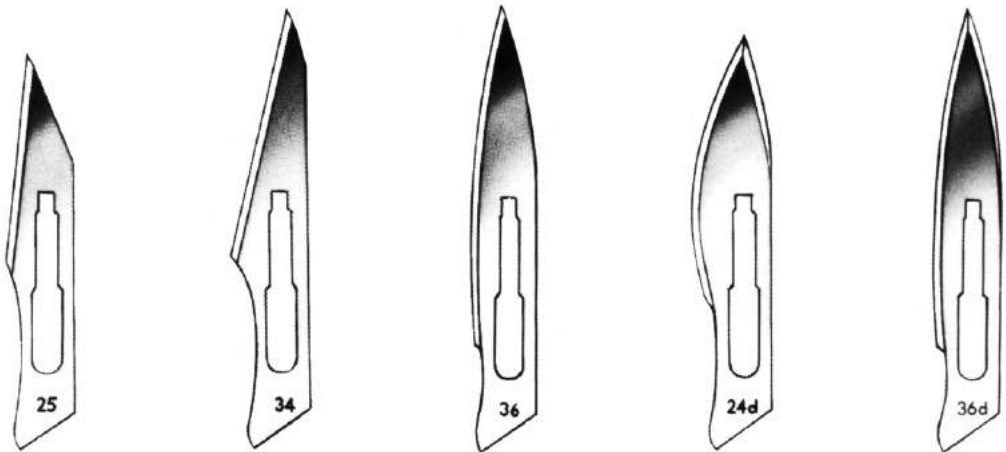
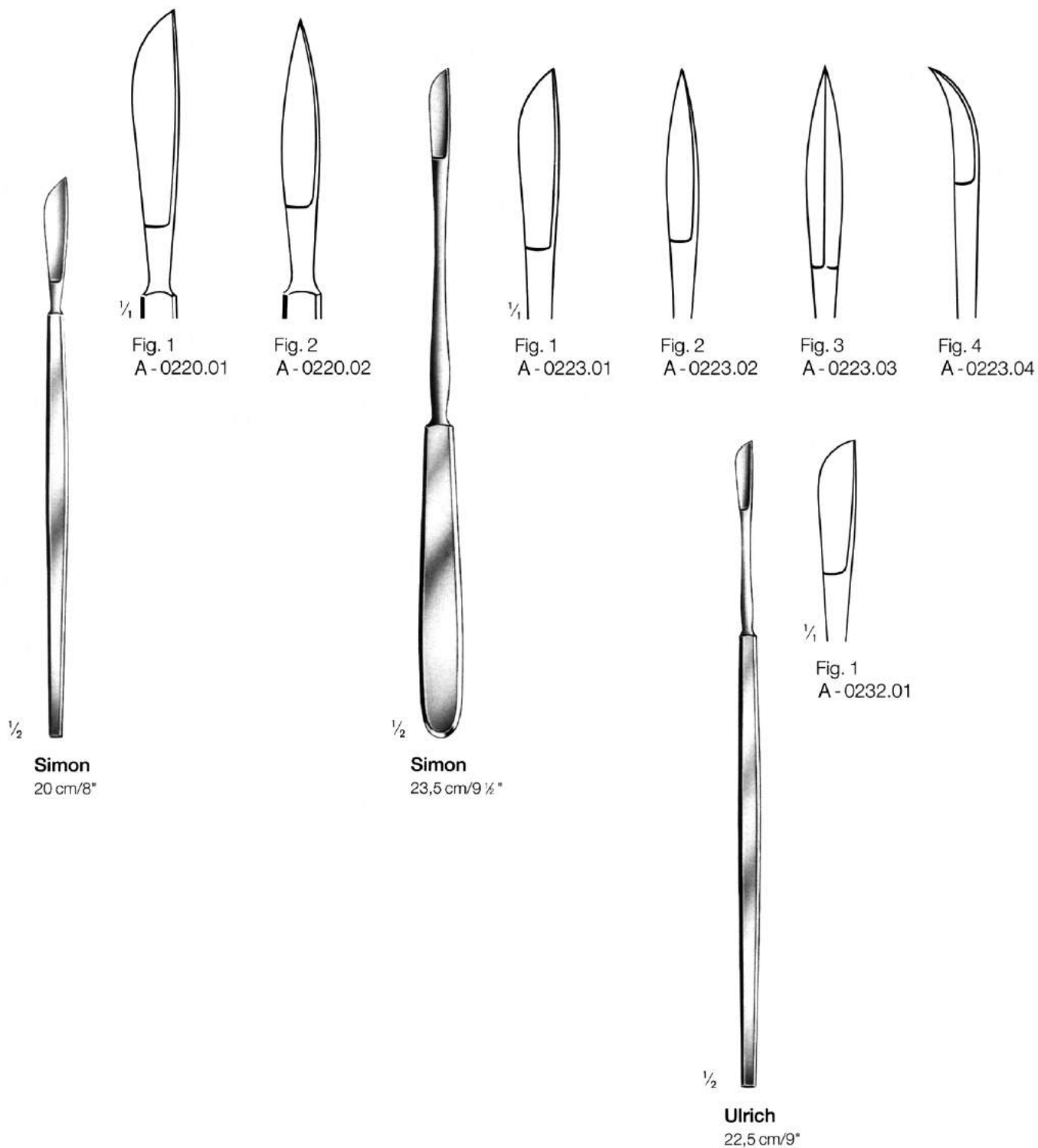
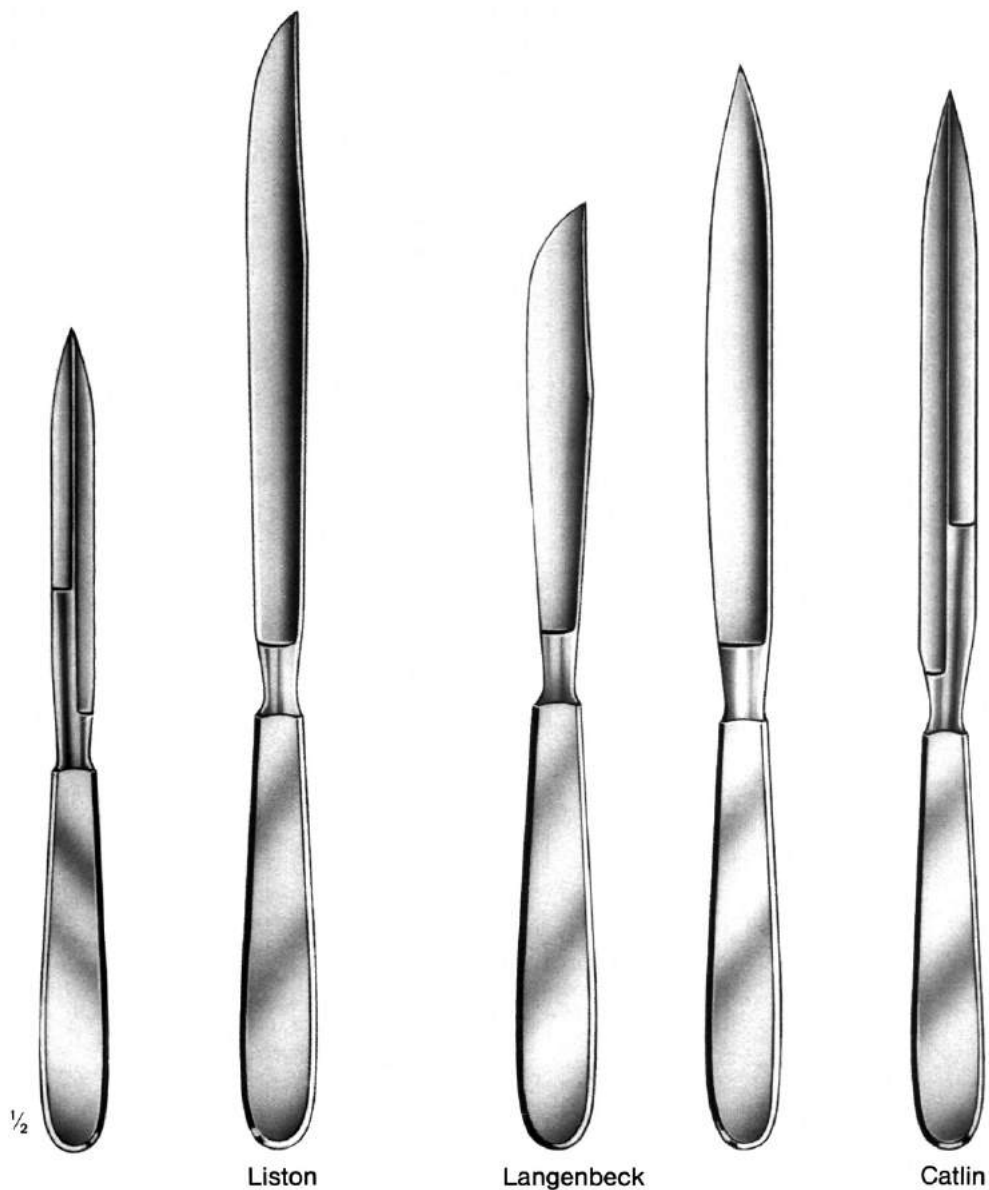


Fig.	25	34	36	24d	36d
steril	A-0112.25	A-0112.34	A-0112.36	A-0113.24	A-0113.36





Length of cut

cm	inch.			
11	4 $\frac{1}{2}$	A - 0300.11		
12	4 $\frac{3}{4}$		A - 0316.12	
13	5		A - 0316.13	A - 0318.13
16	6 $\frac{1}{4}$			A - 0318.16
17	6 $\frac{3}{4}$	A - 0310.17		A - 0320.16
19	7 $\frac{1}{2}$			A - 0318.19
20	8	A - 0310.20		A - 0320.19
22	8 $\frac{3}{4}$			A - 0318.22
				A - 0320.22

Cartilage Knife



1/4

A - 0402.05

Resection Knives



1/4

Langenbeck
A - 0406.05



A - 0408.05

Transplantation Knives

Cone Knives

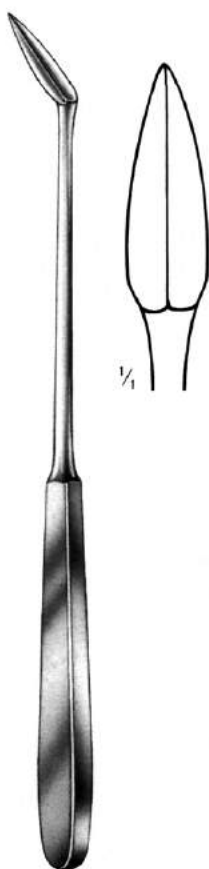
Myoma Knife



Thiersch
20 cm/8"
A-0331.20



Rehn
23 cm/9"
A-0336.23



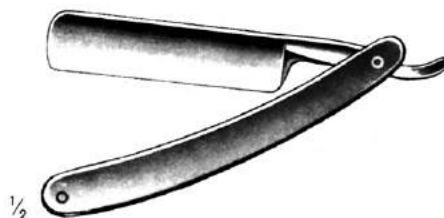
23 cm/9"
A-0361.23



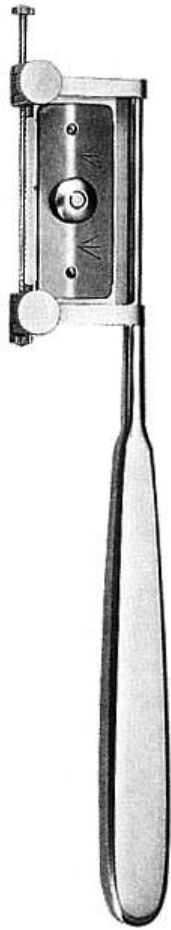
Ayre
23.5 cm/9 1/4"
A-0361.24



Segond
27 cm/10 3/4"
A-0380.27



A-0340.06



SILVER
19,0 cm, 7 1/2"
A-0020.19



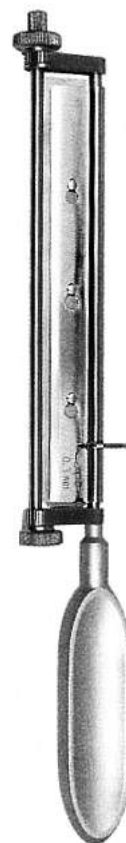
SCHINK
30,0 cm, 12"
A-0022.30



A-0020.20
Spare blade



HUMBY
35,0 cm, 14"
A-0020.35



WATSON
30,0 cm, 12"
A-0020.30

Periosteal Knife



Muck
 13,5 cm/5 1/2"
 A - 2010.13

Mastoid Knife



Politzer
 13,5 cm/5 1/2"
 A - 2012.13



Brühl
 15 cm/6"
 A - 2020.15



Brühl
 15 cm/6"
 A - 2021.15

Furuncle Knife



Politzer
 16 cm/6 1/4"
 A - 2028.16

Tympanum Knives



Jacobson
 15,5 cm/6 1/4"
 A - 2030.15



Buck
 15 cm/6"
 A - 2032.15



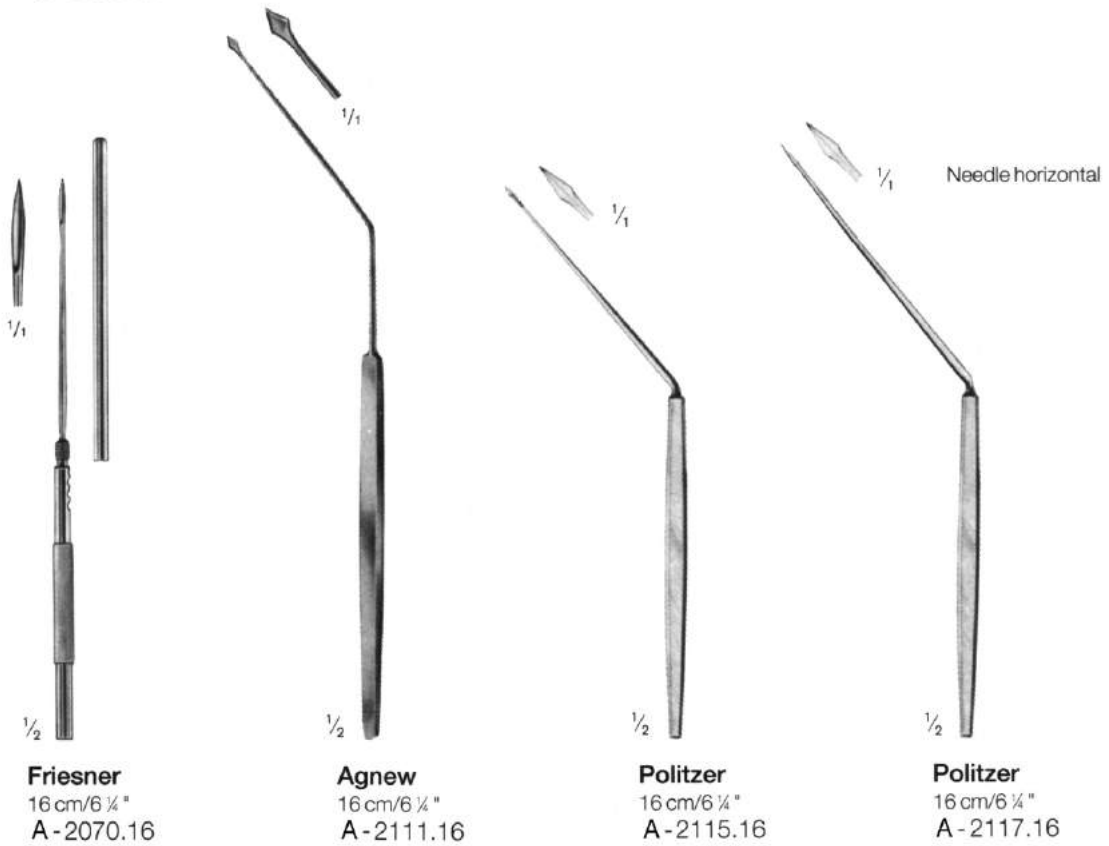
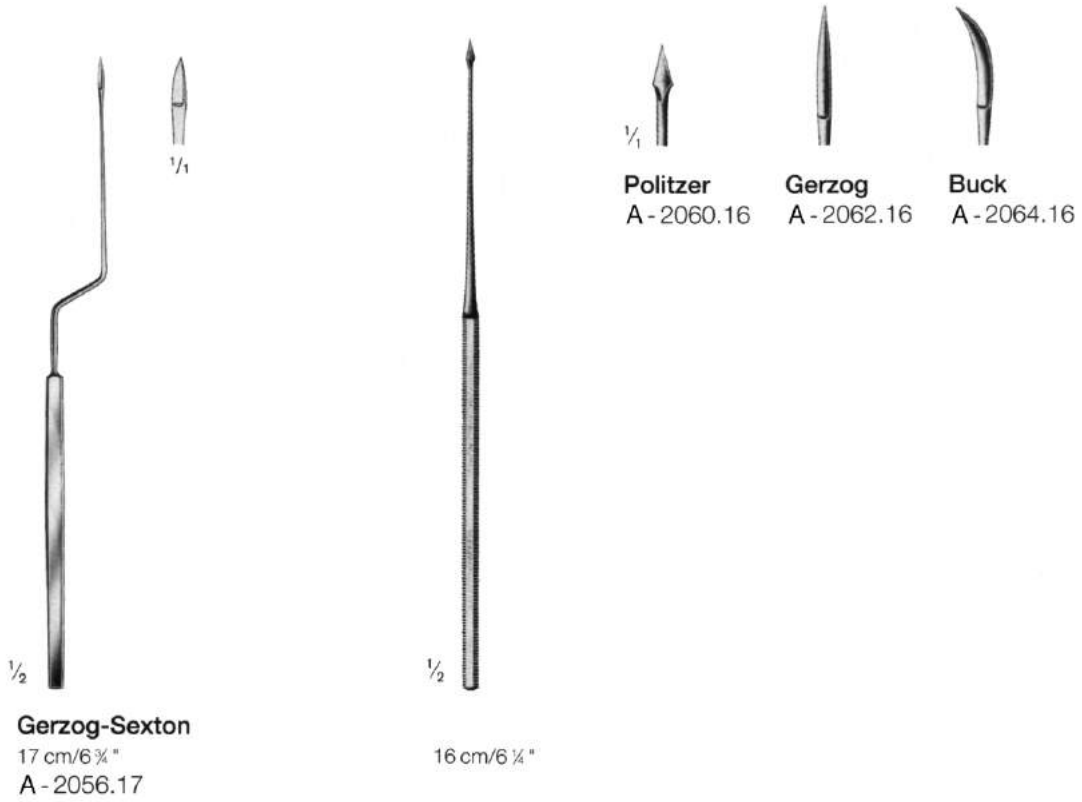
Fig. 1
 Fig. 2



Fig. 1
 Fig. 2

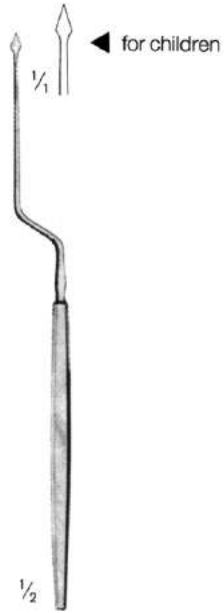
Sexton

straight	Fig.	curved
A - 2040.01	1	A - 2041.01
A - 2040.02	2	A - 2041.02





Lucae
 18 cm/7 1/4"
 A - 2125.18



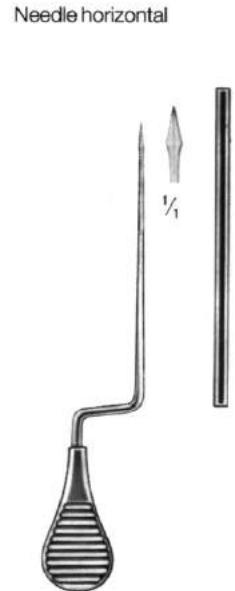
Lucae
 16 cm/6 1/4"
 A - 2127.16



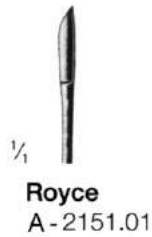
Lucae
 18 cm/7 1/4"
 A - 2129.18



Bayer
 10 cm/4"
 A - 2135.10



Bayer
 10 cm/4"
 A - 2137.10



Royce
 A - 2151.01



Royce
 A - 2151.02

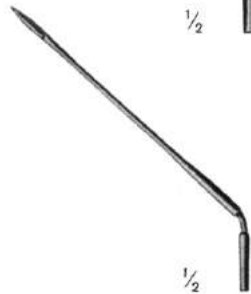


Sexton
 A - 2151.03



Politzer
 A - 2151.05

Handle only



Royce
 A - 2150.00

Tip only



Royce
 A - 2153.11



Royce
 A - 2153.12

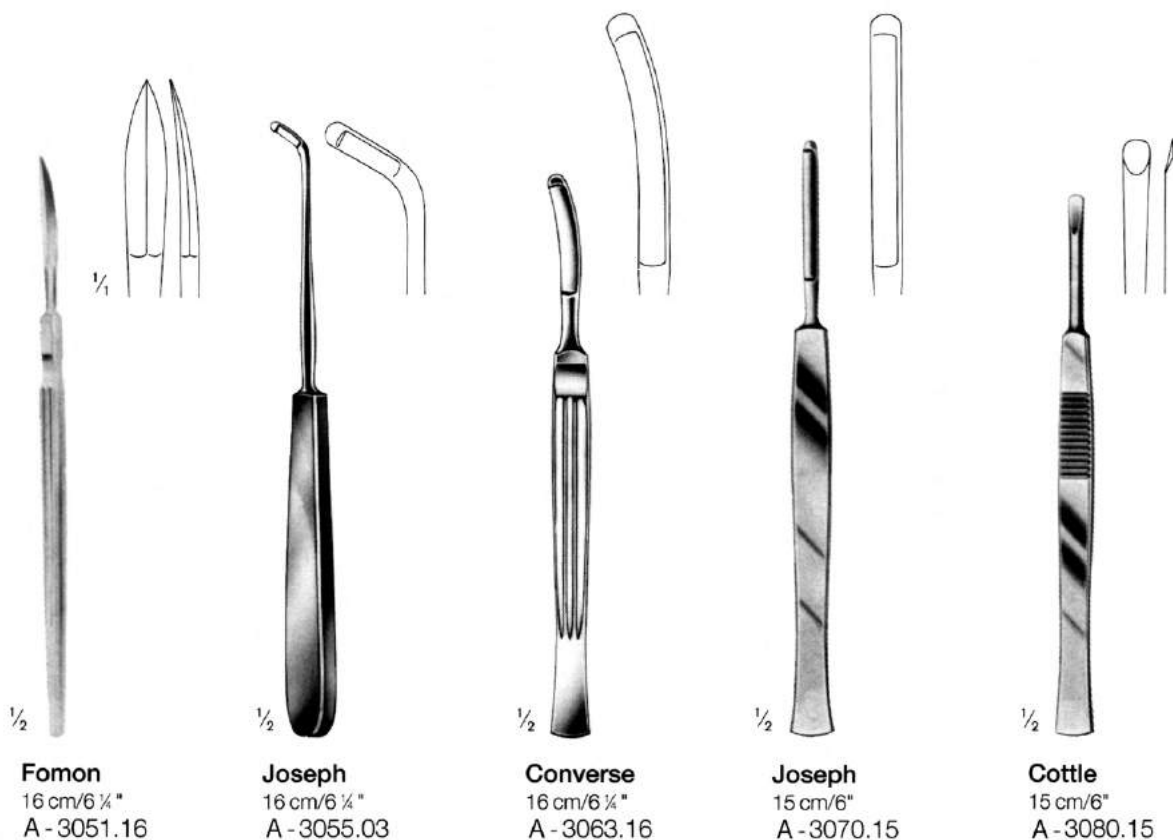
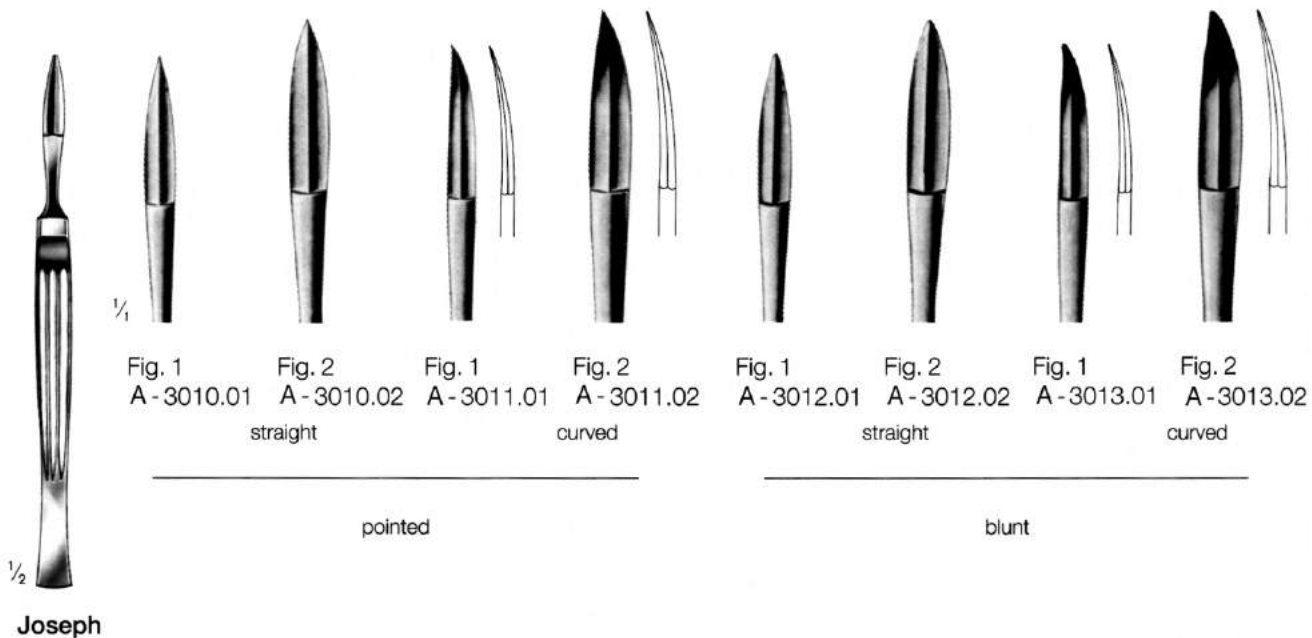


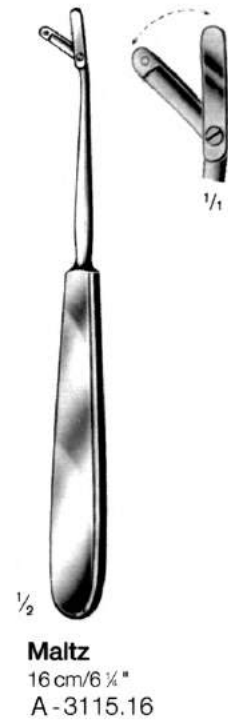
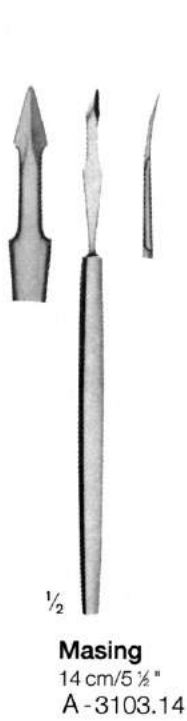
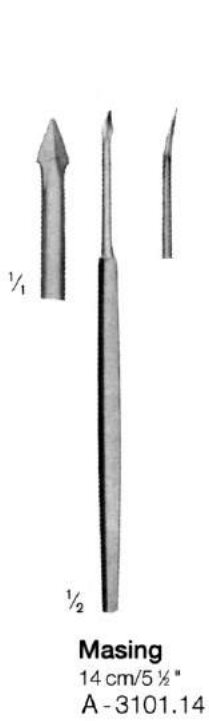
Sexton
 A - 2153.13



Politzer
 A - 2153.15

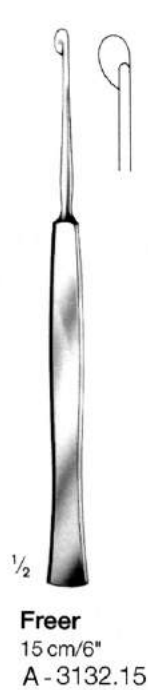
Rhinoplastic Knives



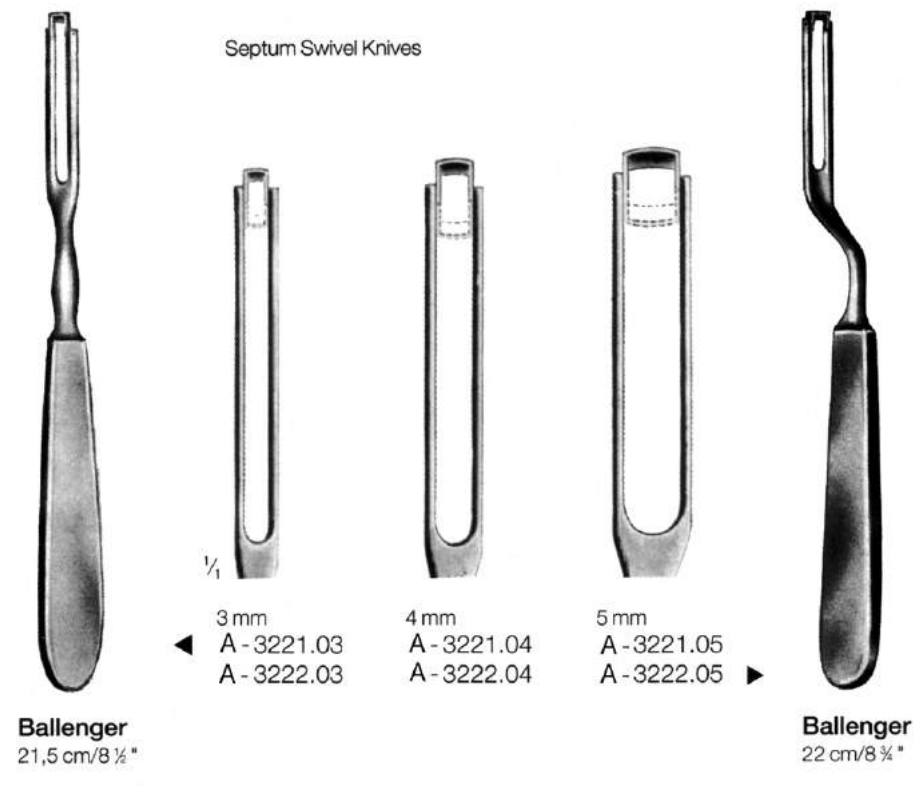


Cartilage Knife

Mucous Knives



Septum knives
Bistouris pour la cloison nasale
Bisturías para el tabique nasal



Dura knives



Tönnis



13,5 cm/5"
A-5010.13



19 cm/7 1/2"
A-5010.19



Halle
21 cm/8 1/4"
A-5020.21

Trigeminal knives



Olivecrona
20 cm/8"
A-5031.20



Olivecrona
23 cm/9"
A-5040.23



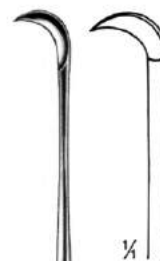
Canfield
 21 cm/8 1/4"
 A-4100.21



Dean
 19 cm/7 1/2"
 A-4130.19
 straight



Dean
 19 cm/7 1/2"
 A-4131.19
 angled



Bruenings
 23 cm/9"
 A-4150.23



Abraham
 21 cm/8 1/4"
 A-4156.21



Fisher
 22,5 cm/9"
 A-4163.22
 saw edge



Tyding
 21 cm/8 1/4"
 A-4171.21



Day
 21,5 cm/8 1/2"
 A-4175.21

also available in 19 cm/7 1/2"

6 mm



Smillie
 17 cm/6 3/4"
 A-6017.01



Smillie
 17 cm/6 3/4"
 A-6017.02



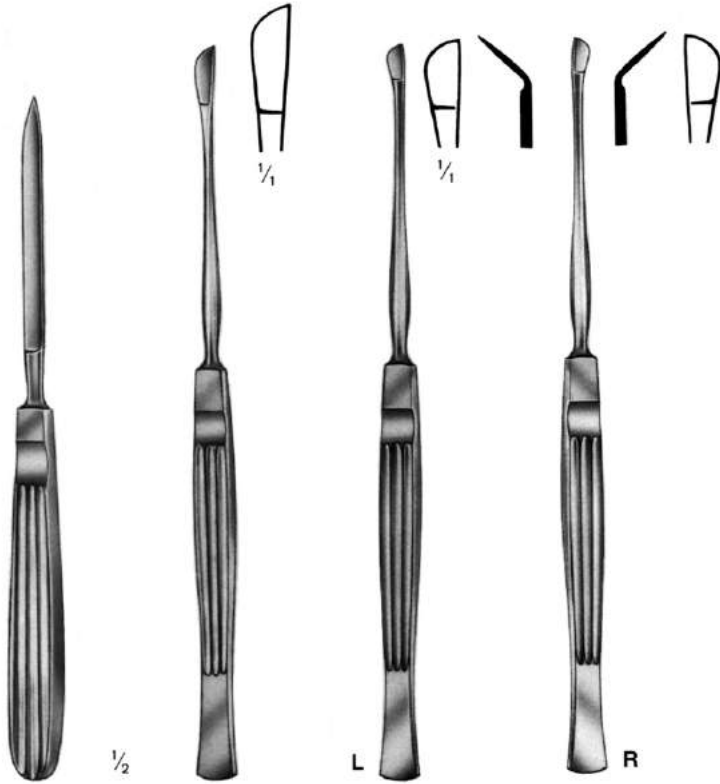
Smillie
 17 cm/6 3/4"
 A-6017.03



Smillie
 17 cm/6 3/4"
 A-6017.04

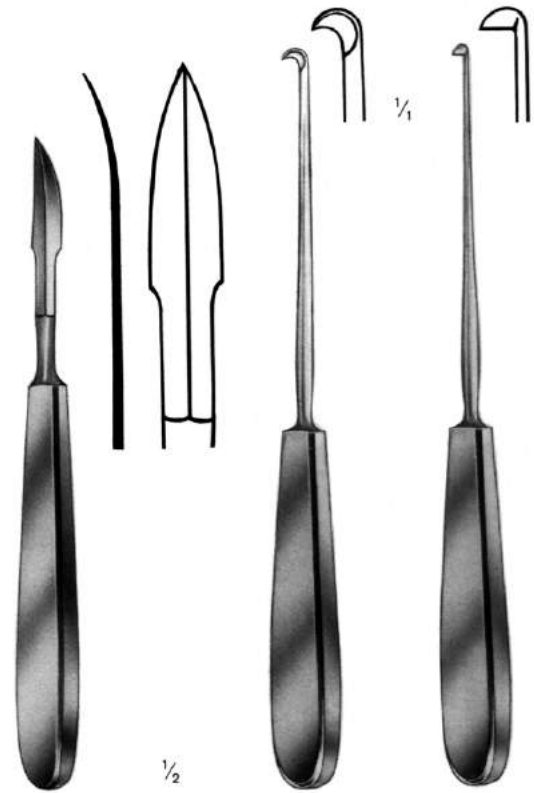


Smillie
 17 cm/6 3/4"
 A-6017.05



DePalma style
18 cm/7"
A-6178.18

Downing (Semi-Lunar Cartilage)
22 cm/8 3/4"
A-6172.01 A-6172.02 A-6172.03



18 cm/7"
A-6045.18

Bircher
20 cm/8"
A-6139.02

Bircher
20 cm/8"
A-6139.05

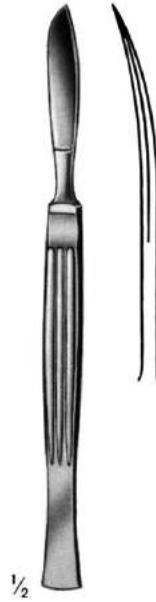


18 cm/7"
A - 6078.01

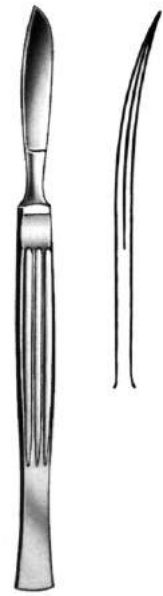
1/4



18 cm/7"
A - 6078.02



16 cm/6 3/4"
A - 6086.01



16 cm/6 3/4"
A - 6086.02



A - 6122.01
curved to the left



A - 6122.02
curved to the right

Neff
22 cm/8 3/4"

1/2



1/4



1/4



1/2

A - 6128.02

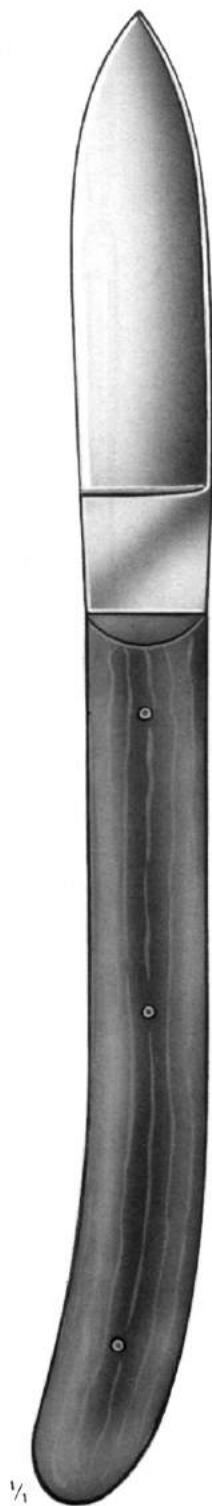
right



A - 6128.01

left

Mendler
18 cm/7"



$\frac{1}{4}$
Hopkins
20 cm/8"
A-6510.20

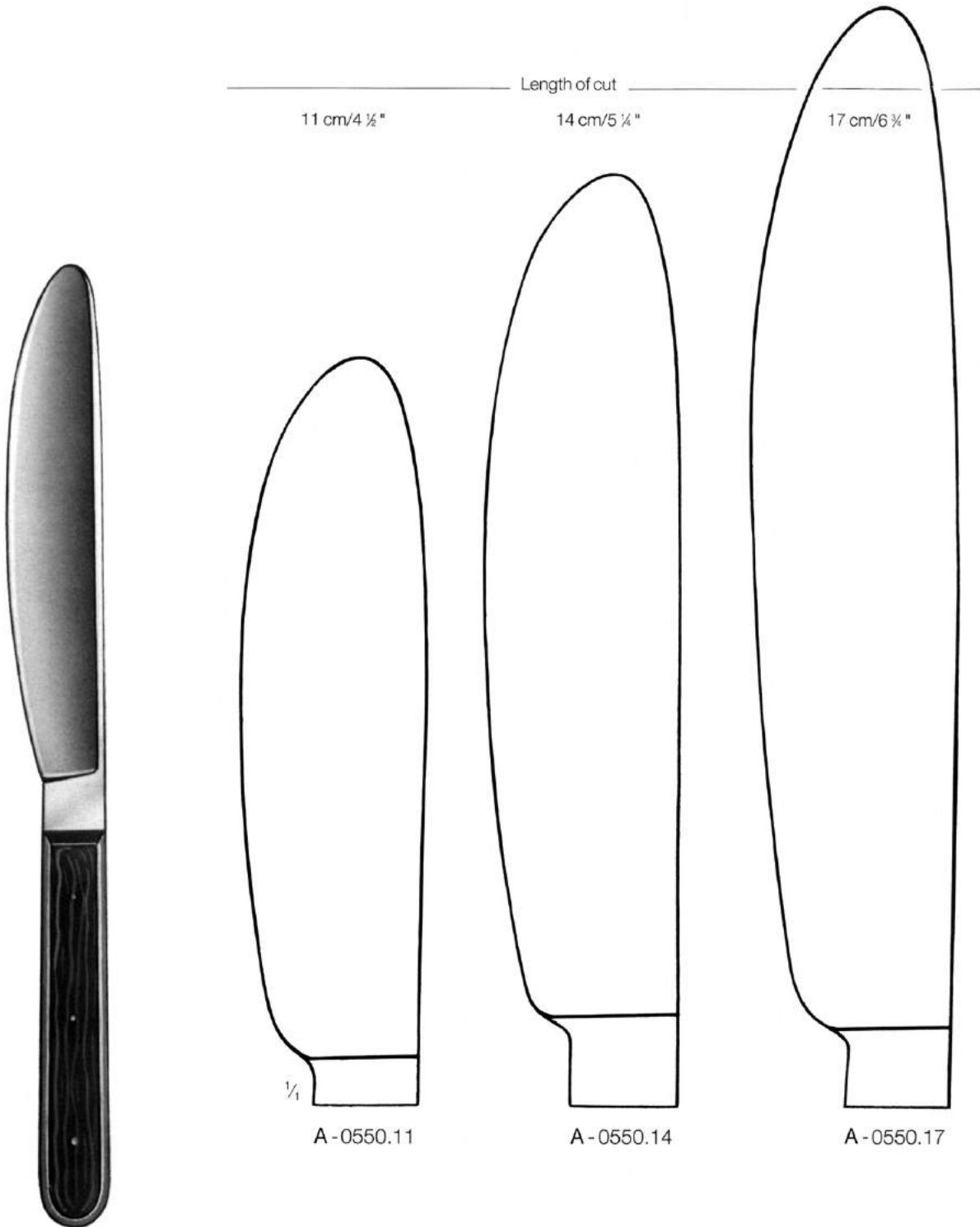


$\frac{1}{4}$
Reiner
18,5 cm/7 $\frac{1}{4}$ "
A-6515.18



$\frac{1}{4}$
Esmarch
18 cm/7"
A-6518.18



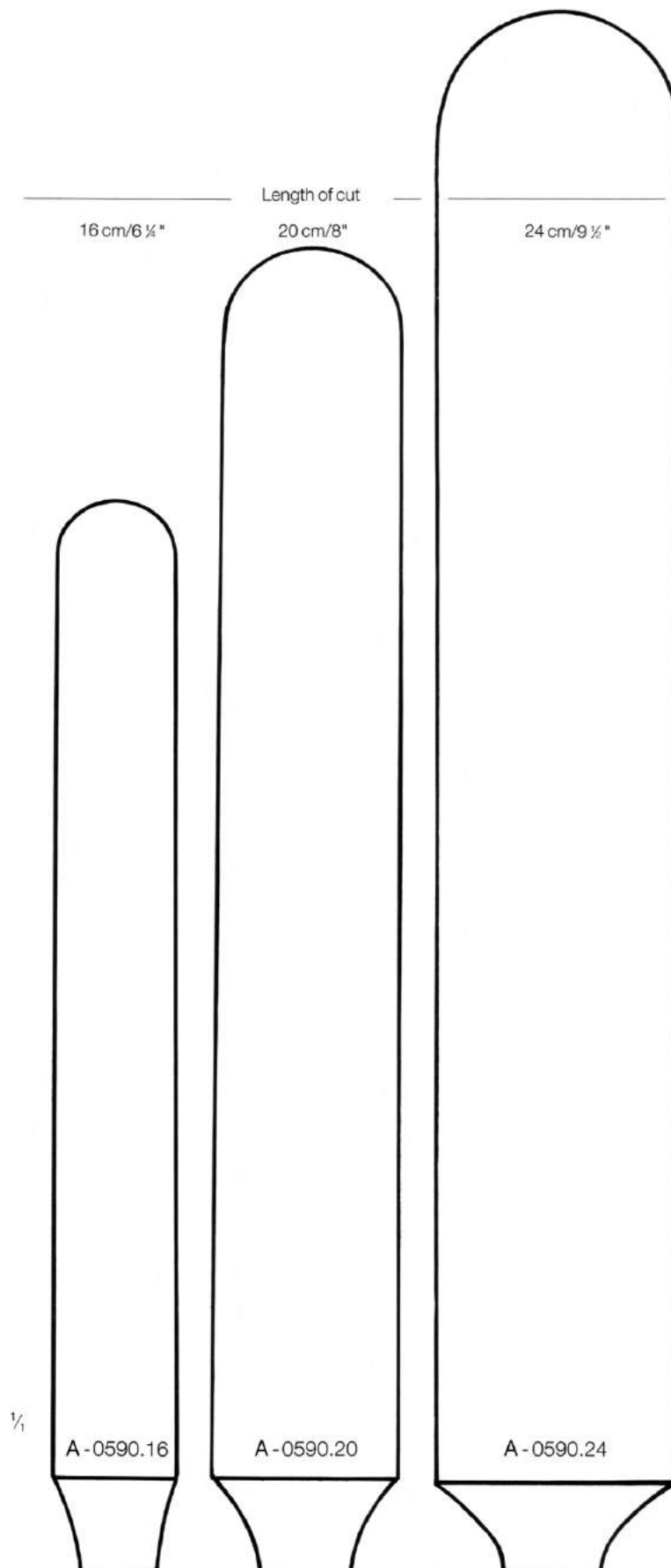


Wooden handle



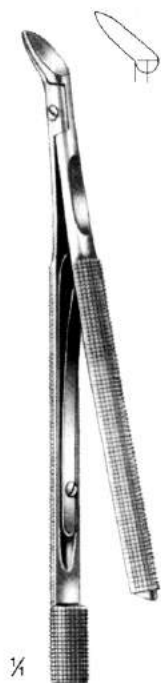
Virchow

Metal handle

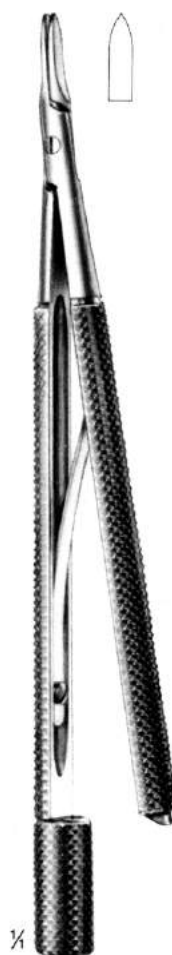




Troutman-Chris
 Ø 5,5 mm
 9 cm/3 1/2"
 A - 6710.09



Troutman-Chris
 Ø 5,5 mm
 9 cm/3 1/2"
 A - 6711.09



Castroviejo
 Ø 8 mm
 13 cm/5"
 A - 6728.13



Barraquer
 11 cm/4 1/4"
 A - 6734.11



Castroviejo
 Ø 6 mm
 9 cm/3 1/2"
 A-6746.09



Castroviejo
 Ø 6 mm
 12 cm/4 3/4"
 A-6756.12




Castroviejo
 Ø 6 mm
 18 cm/7"
 A-6766.18



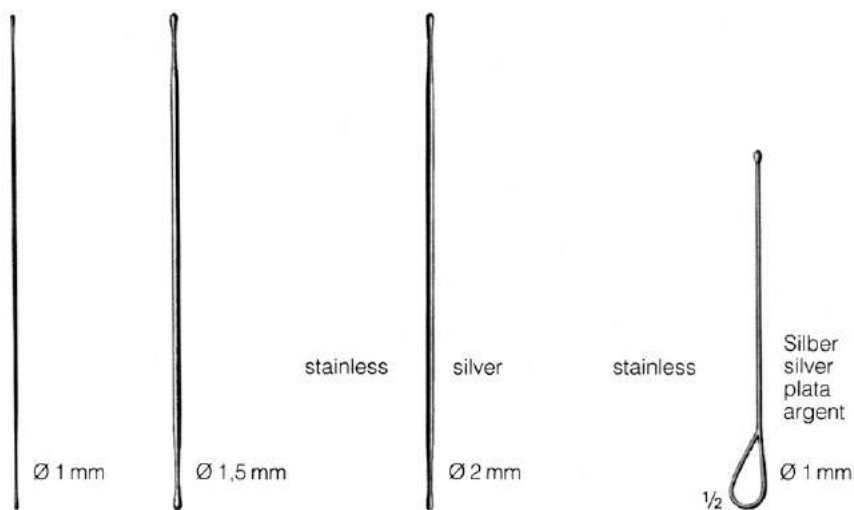
Package of 10 blades

A-6790.10

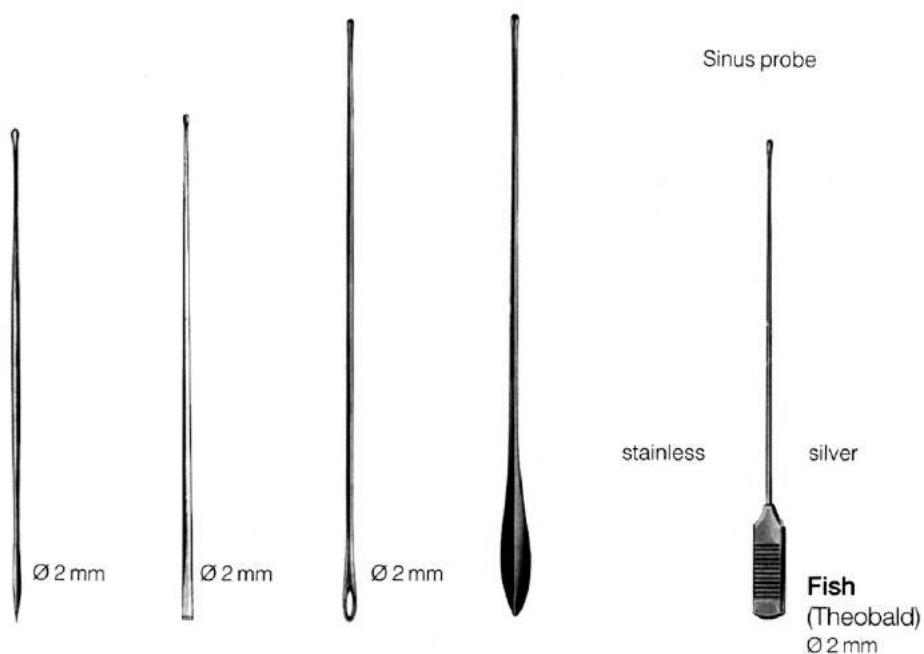


B

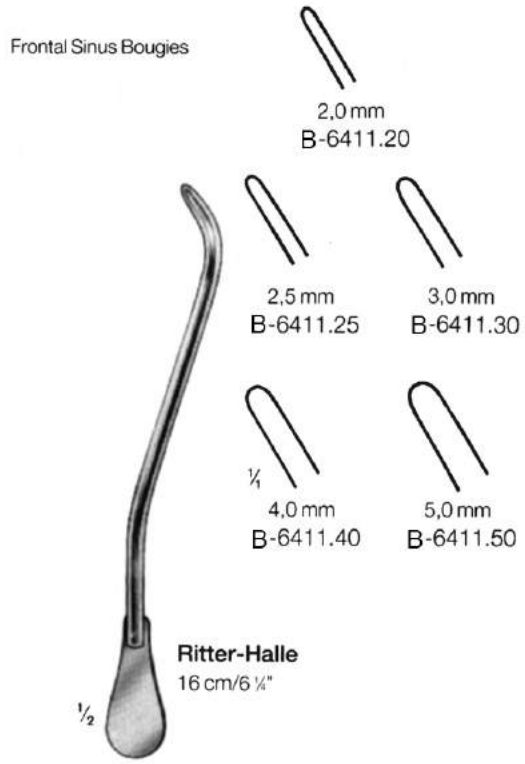
- Probes, Spatulas, cotton carriers, suction tube and trocars
- Sondes, spatules, porte-cotons, canules aspiratriees, trocars
- Sondas, espátulas, portaalgodones, cánulas de aspiración, trócares



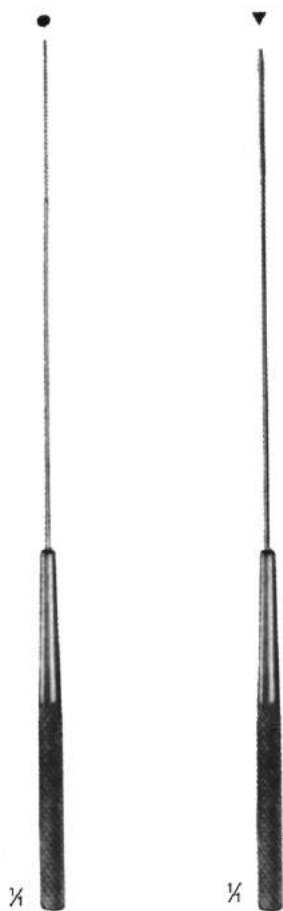
cm	in.						
11,5	4 ½	B-0010.11	B-0015.11	B-0020.11	B-0021.11	B-0081.11	B-0082.11
13	5	B-0010.13	B-0015.13	B-0020.13	B-0021.13		
14,5	5 ¾	B-0010.14	B-0015.14	B-0020.14	B-0021.14		
16	6 ¼	B-0010.16	B-0015.16	B-0020.16	B-0021.16		
18	7	B-0010.18	B-0015.18	B-0020.18	B-0021.18		
20	8	B-0010.20	B-0015.20	B-0020.20	B-0021.20		
25	10	B-0010.25	B-0015.25	B-0020.25	B-0021.25		



cm	in.						
10,5	4 ¼				B-0065.10		
11,5	4 ½			B-0052.11			
13	5	B-0032.13	B-0042.13	B-0052.13	B-0065.13		
14,5	5 ¾	B-0032.14	B-0042.14	B-0052.14	B-0065.14	B-0072.14	B-0073.14
16	6 ¼	B-0032.16	B-0042.16	B-0052.16	B-0065.16		
18	7	B-0032.18		B-0052.18		B-0072.18	
20	8	B-0032.20		B-0052.20	B-0065.20		
25	10	B-0032.25		B-0052.25			



cm	in.				
10,5	4 1/4	B-0100.11	B-0110.11		
13	5	B-0100.13	B-0110.13		B-0502.13
14,5	5 3/4	B-0100.14	B-0110.14	B-0101.14	B-0502.14
16	6 1/4	B-0100.16	B-0110.16		B-0120.16
18	7	B-0100.18	B-0110.18		
20	8	B-0100.20	B-0110.20		



Piccolo – 0,8 mm
 11 cm / 4 1/2"
 B-0631.08

Piccolo – 0,8 mm
 11 cm / 4 1/2"
 B-0632.08



Liebermann – 1,5 mm
 14 cm / 5 1/2"
 B-0642.14

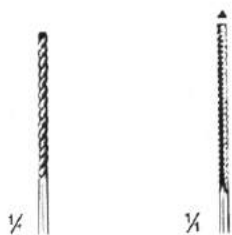


Universal

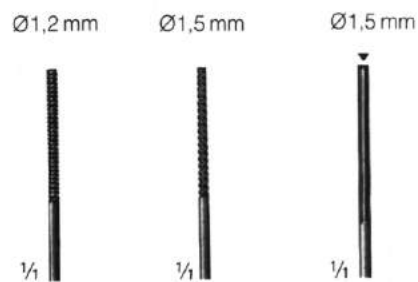
cm	in.	Ø1,5 mm	Ø1,5 mm
12	4 3/4	B-0655.12	B-0656.12
14	5 1/2	B-0655.14	B-0656.14
16	6 1/4	B-0655.16	B-0656.16
18	7	B-0655.18	B-0656.18
23	9	B-0655.23	B-0656.23



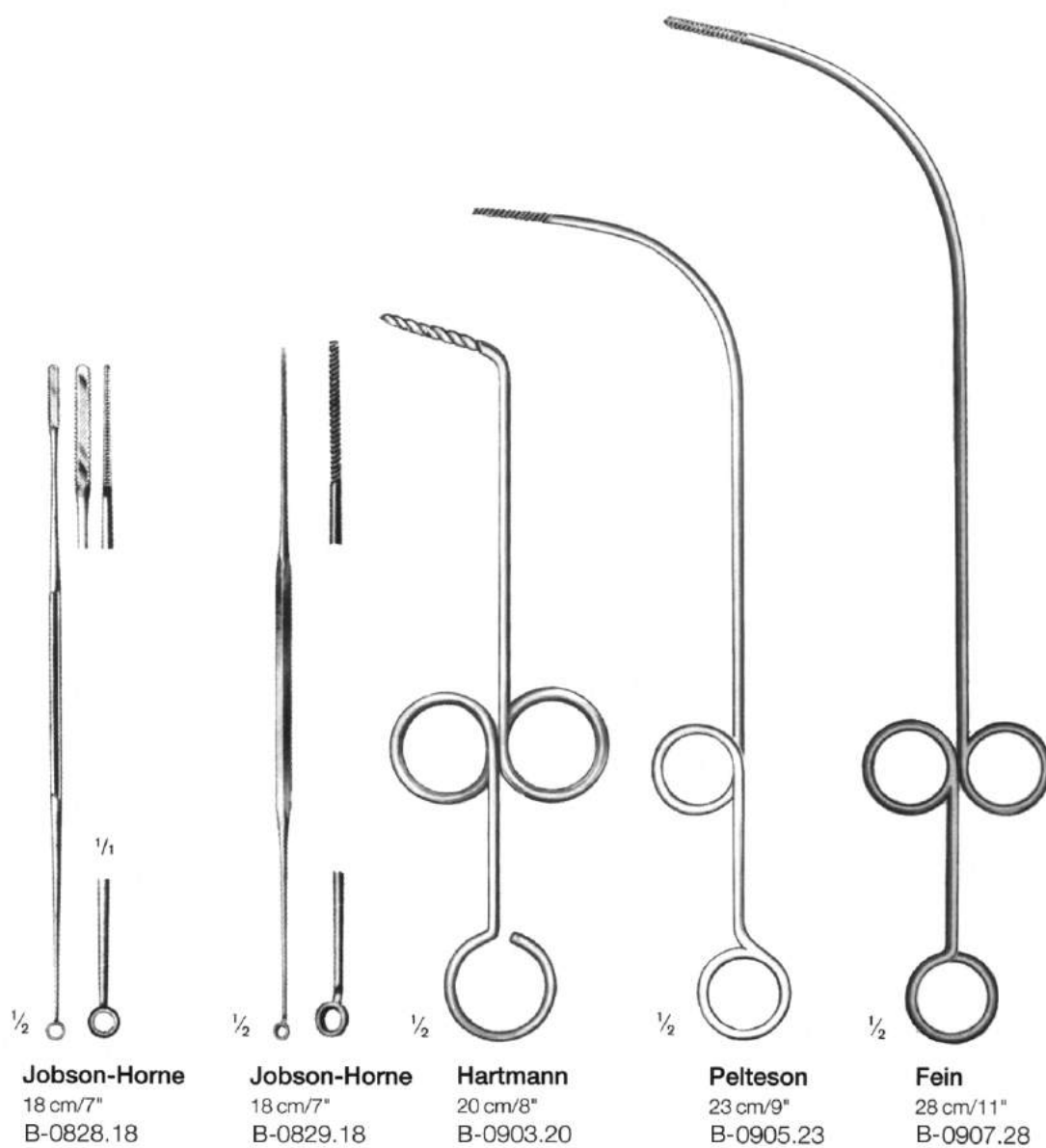
Farrell

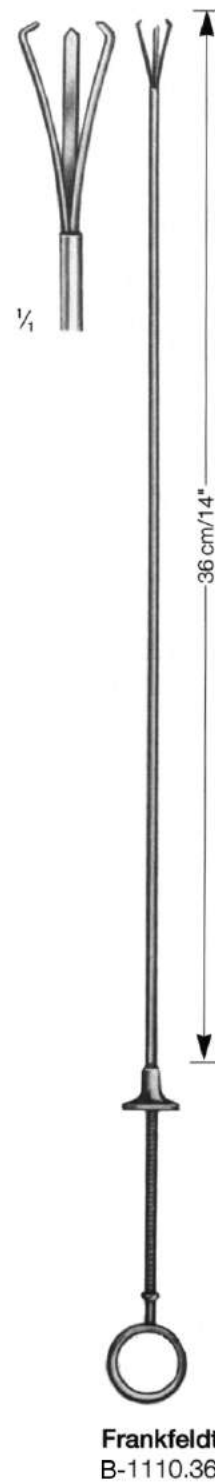
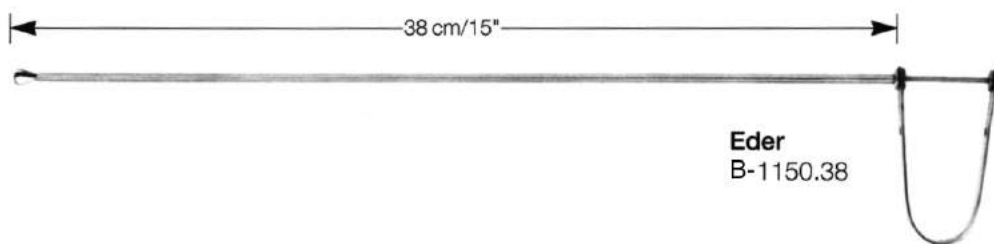
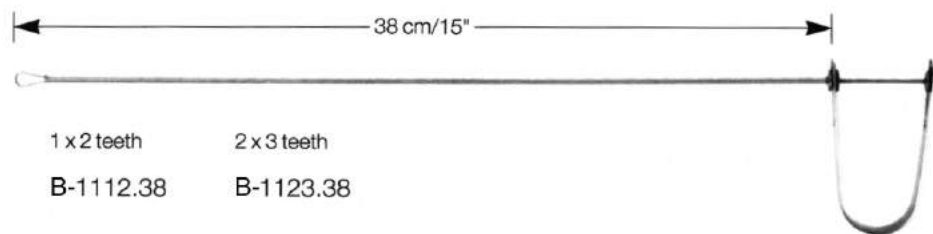


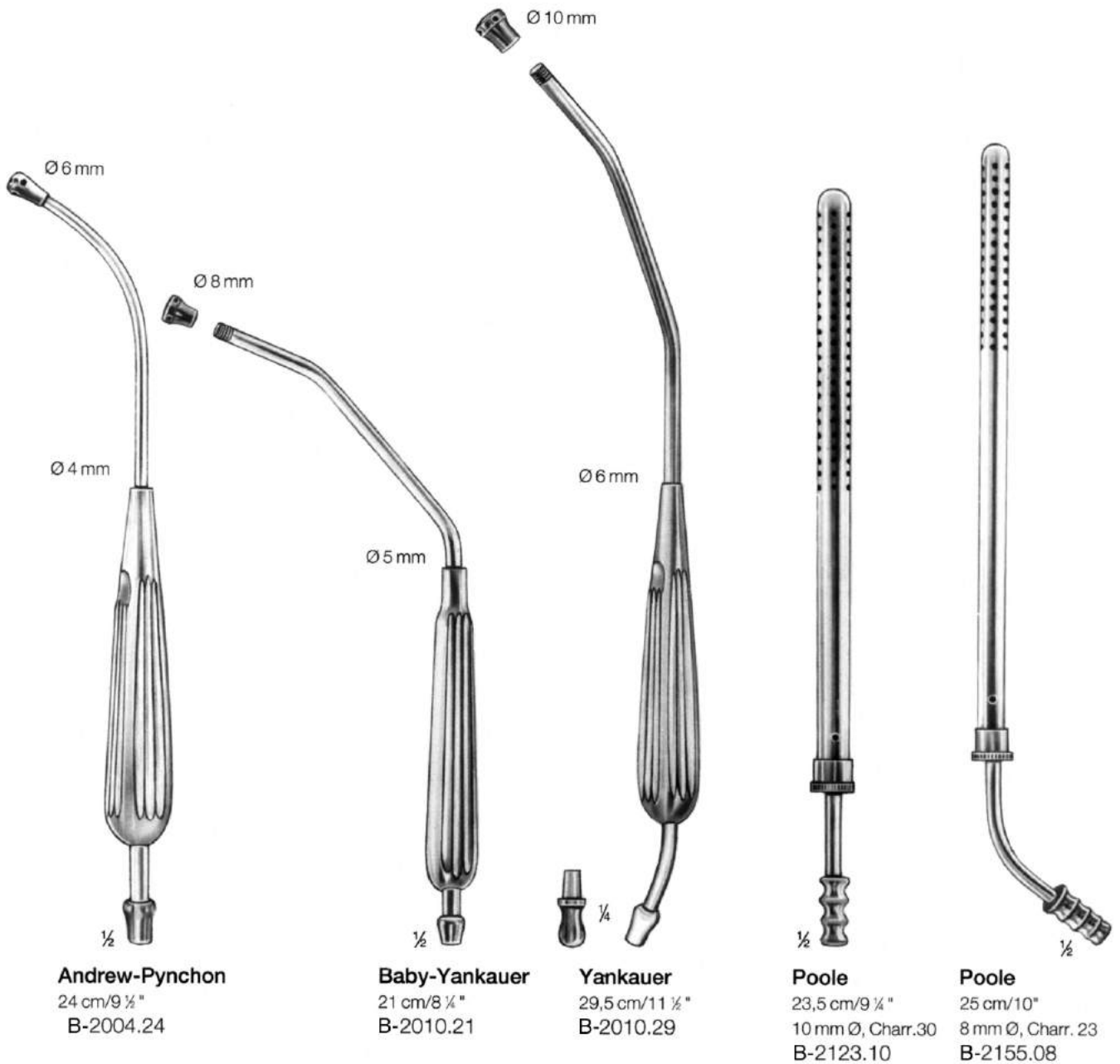
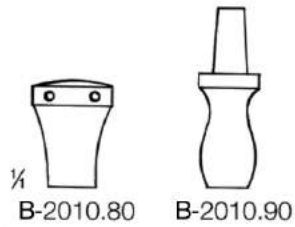
cm	in.	Ø1,2 mm	Ø1,2 mm
12	4 3/4	B-0712.12	B-0732.12
14	5 1/2	B-0712.14	B-0732.14
16	6 1/4	B-0712.16	B-0732.16
18	7	B-0712.18	B-0732.18
23	9	B-0712.23	B-0732.23

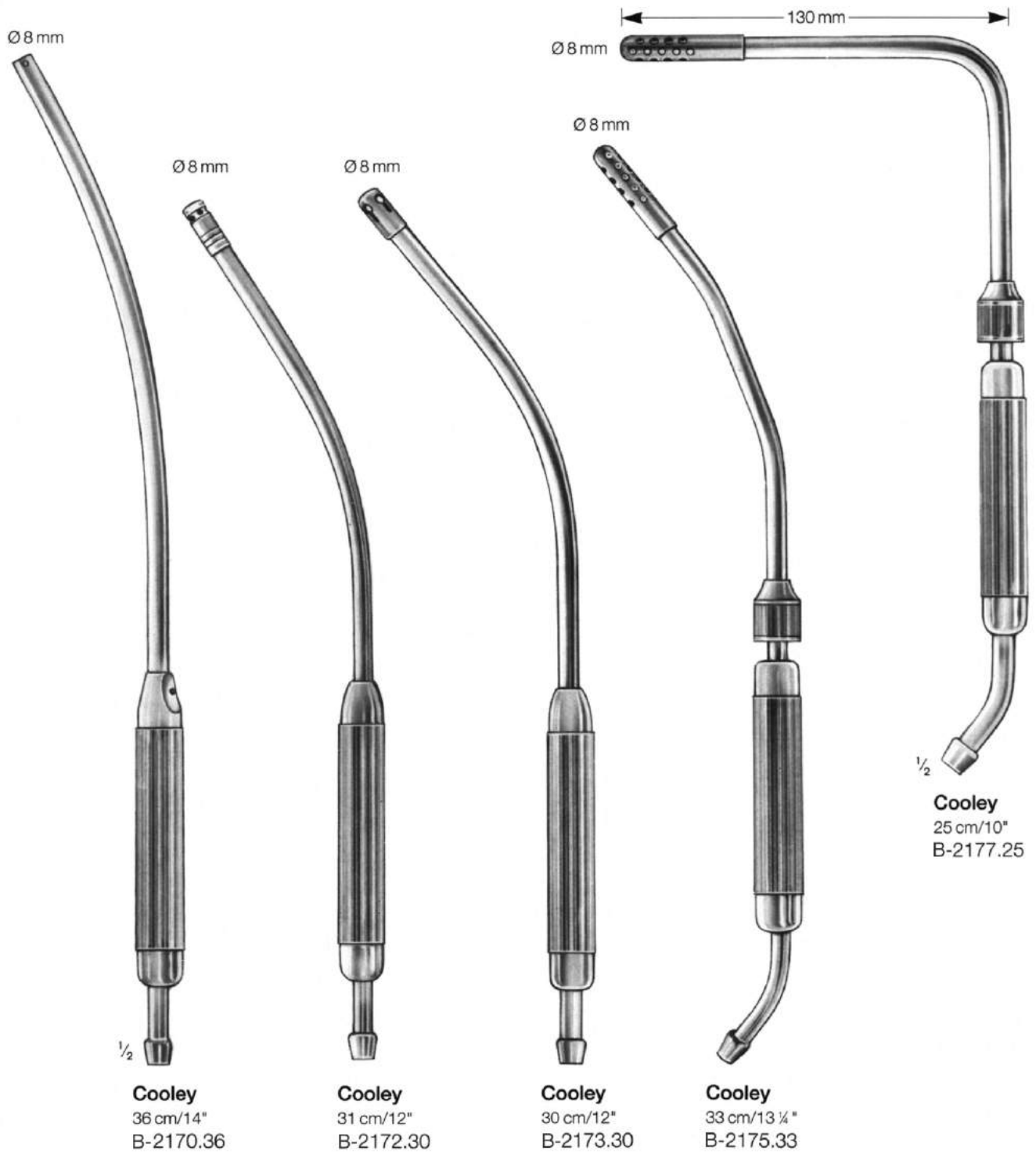


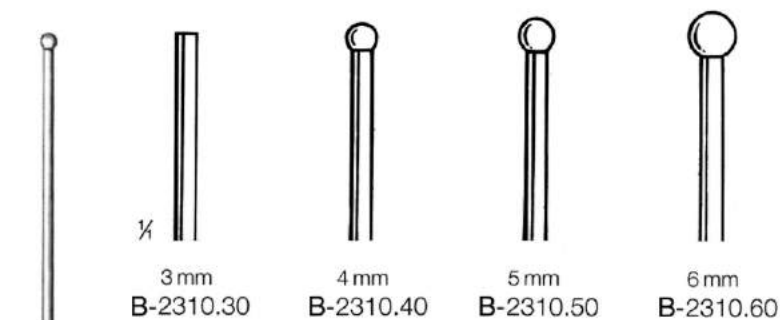
cm	in.	Ø1,2 mm	Ø1,5 mm	Ø1,5 mm
12	4 3/4	B-0812.12	B-0815.12	B-0816.12
14	5 1/2	B-0812.14	B-0815.14	B-0816.14
16	6 1/4	B-0812.16	B-0815.16	B-0816.16
18	7	B-0812.18	B-0815.18	B-0816.18











Vessel irrigating cannulas, malleable, silver plated

$\frac{1}{2}$

Schmid LLA
15 cm/6"



Adson Charr. 12
21 cm/8 $\frac{1}{4}$ " , 4 mm \varnothing
B-2344.40



Adson Charr. 12
21 cm/8 $\frac{1}{4}$ " , 4 mm \varnothing
B-2345.40

13 cm/5"
B-2353.20 = 2,0 mm \varnothing
B-2353.27 = 2,7 mm \varnothing
B-2353.33 = 3,3 mm \varnothing
B-2353.40 = 4,0 mm \varnothing

17 cm/6 $\frac{3}{4}$ "
B-2357.20 = 2,0 mm \varnothing
B-2357.27 = 2,7 mm \varnothing
B-2357.33 = 3,3 mm \varnothing
B-2357.40 = 4,0 mm \varnothing



Frazier

13 cm/5"
B-2363.20 = 2,0 mm \varnothing
B-2363.27 = 2,7 mm \varnothing
B-2363.33 = 3,3 mm \varnothing
B-2363.40 = 4,0 mm \varnothing

17 cm/6 $\frac{3}{4}$ "
B-2367.20 = 2,0 mm \varnothing
B-2367.27 = 2,7 mm \varnothing
B-2367.33 = 3,3 mm \varnothing
B-2367.40 = 4,0 mm \varnothing



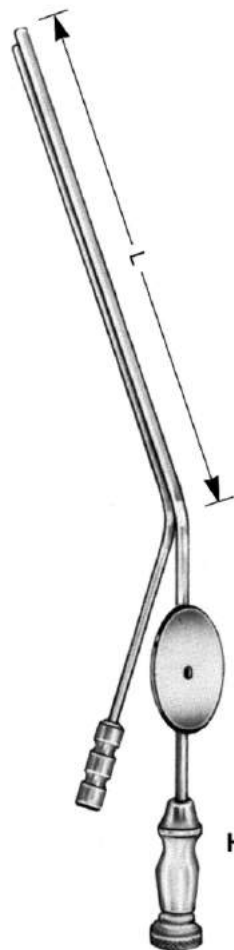
Frazier

13 cm/5"
B-2373.20 = 2,0 mm \varnothing
B-2373.27 = 2,7 mm \varnothing
B-2373.33 = 3,3 mm \varnothing
B-2373.40 = 4,0 mm \varnothing

17 cm/6 $\frac{3}{4}$ "
B-2377.20 = 2,0 mm \varnothing
B-2377.27 = 2,7 mm \varnothing
B-2377.33 = 3,3 mm \varnothing
B-2377.40 = 4,0 mm \varnothing



Fergusson

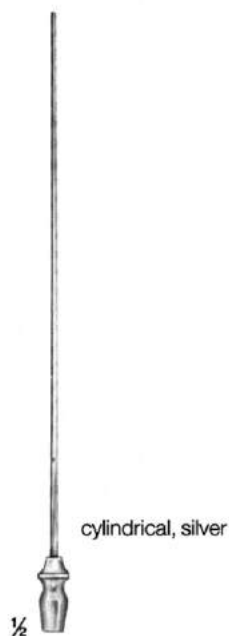


L = 9 cm/3 1/2"

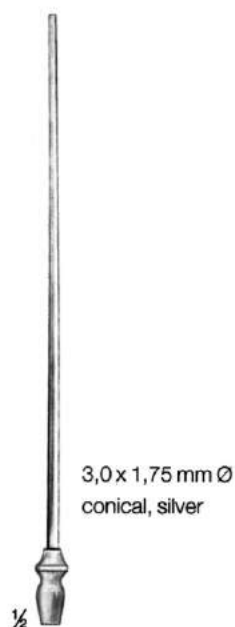
L = 18 cm/7"

Suction tube		Irrigation tube		Suction tube		Irrigation tube	
mm Ø		mmØ		mm Ø		mmØ	
0,9	x	0,7	B-2409.09				
1,2	x	0,9	B-2409.12				
1,5	x	1,2	B-2409.15				
1,8	x	1,8	B-2409.18	1,8	x	1,8	B-2418.18
2,5	x	2,0	B-2409.25	2,5	x	2,0	B-2418.25
3,0	x	2,0	B-2409.30	3,0	x	2,0	B-2418.30
4,5	x	2,0	B-2409.45				

House-Luer



Wullstein
 16 cm/6 1/4"
 B-2502.15 Ø 1,5 mm
 B-2502.20 Ø 2,0 mm



Wullstein
 16 cm/6 1/4"
 B-2506.30



Wullstein
 10,5 cm/4 1/4"
 B-2510.50

Handle with thumb valve for Wullstein suction tubes

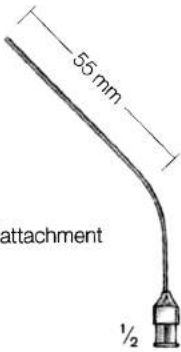


NEGUS
 6 mm
 B - 2512.60
 210 mm, 8 1/4"
 Suction dissector



B-2425.20

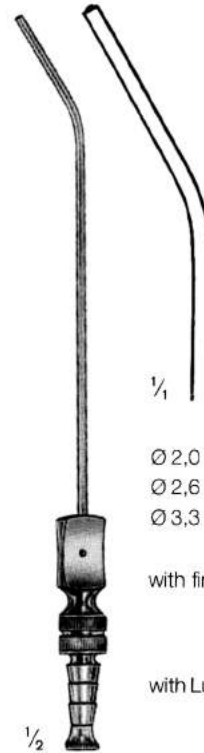
Suction Adaptor with Luer tip and thumb valve



with LUER-LOCK attachment

Rosen
1/2

- Ø 0,5 mm **B-2431.05**
- Ø 0,6 mm **B-2431.06**
- Ø 0,7 mm **B-2431.07**
- Ø 0,8 mm **B-2431.08**
- Ø 0,9 mm **B-2431.09**
- Ø 1,0 mm **B-2431.10**
- Ø 1,2 mm **B-2431.12**
- Ø 1,4 mm **B-2431.14**
- Ø 1,5 mm **B-2431.15**
- Ø 1,8 mm **B-2431.18**
- Ø 2,0 mm **B-2431.20**
- Ø 2,5 mm **B-2431.25**
- Ø 3,0 mm **B-2431.30**



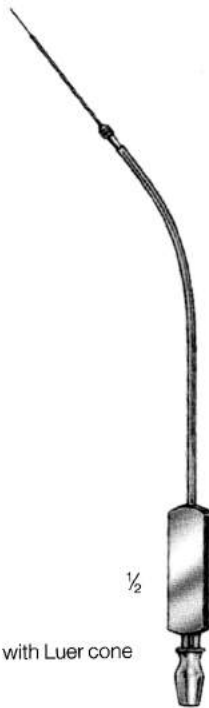
1/4

- Ø 2,0 mm = Charr. 6 **B-2461.06**
- Ø 2,6 mm = Charr. 8 **B-2461.08**
- Ø 3,3 mm = Charr. 10 **B-2461.10**

with finger cut-off

with Luer cone

Plester
19 cm/7 1/2"



with Luer cone

Zöllner
18,5 cm/7 1/4"
B-2453.07

with detachable fine suction tip Ø 0,7 mm

15 cm/6"
B-2453.66

Aspirating Tube only
(without cannula)



Zöllner
B-2453.75 Ø 0,5 mm
B-2453.77 Ø 0,7 mm

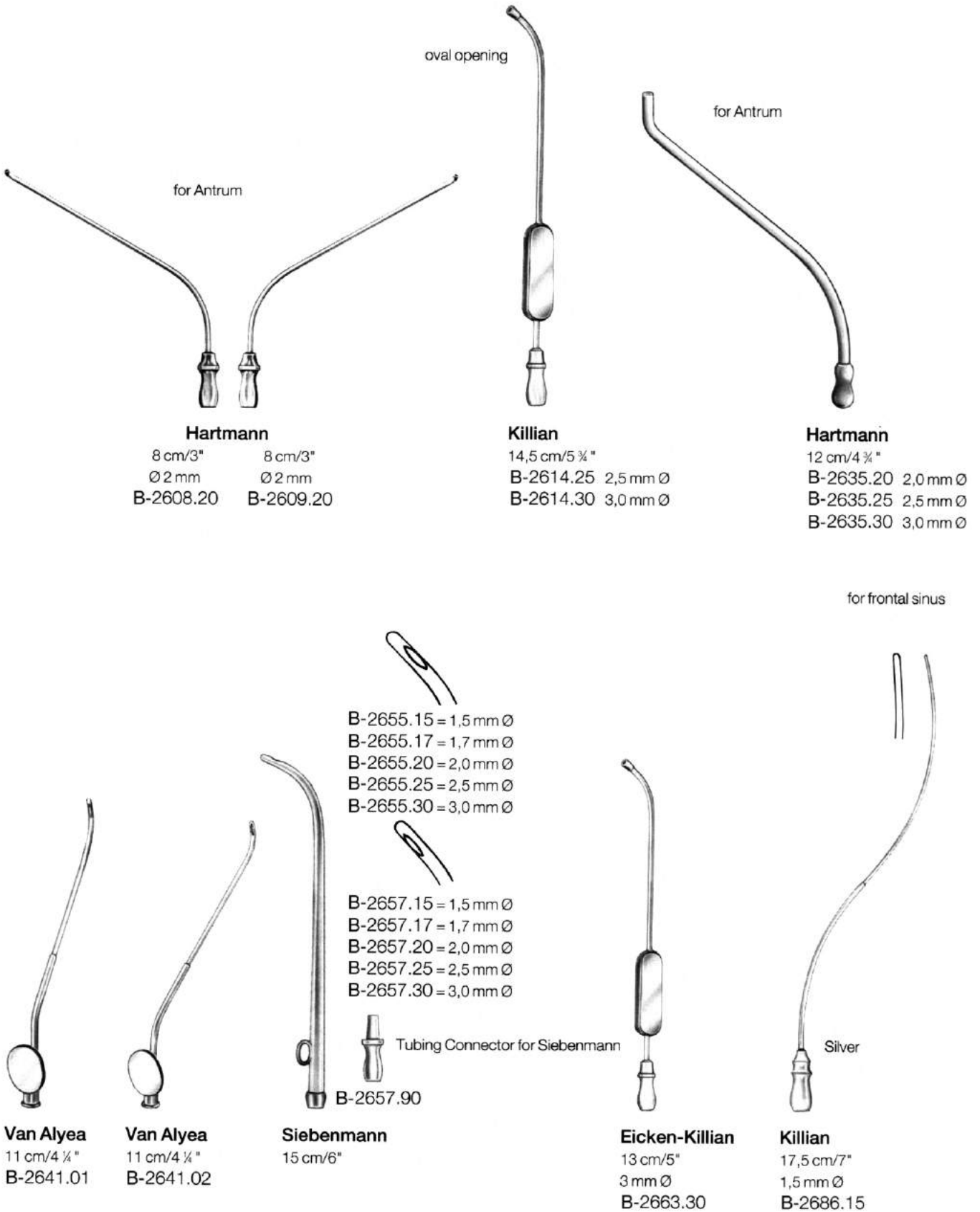
Micro Suction Cannula only, for Suction Tube, working length 30 mm

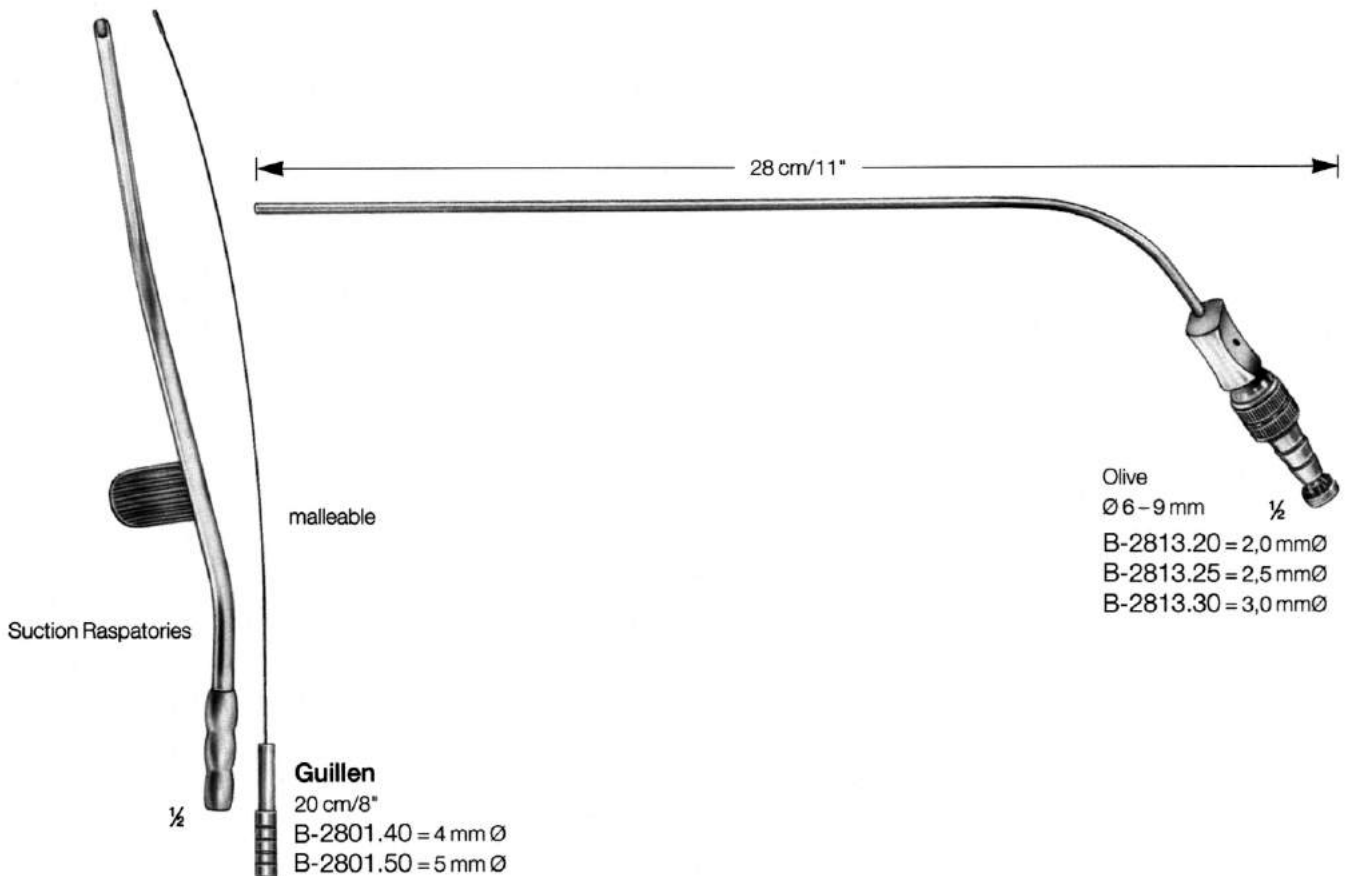
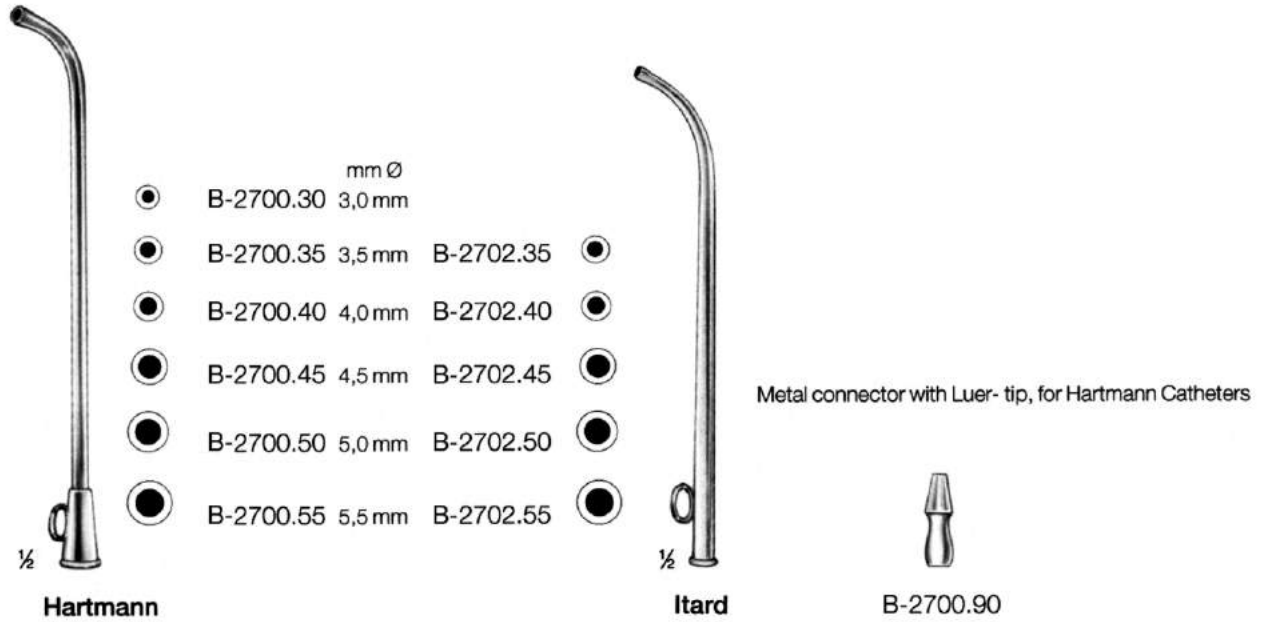


1/2

Baron (Schuknecht)

Ø charr. x L mm		
3	75	B-2437.03
5	75	B-2437.05
7	75	B-2437.07
3	100	B-2440.03
5	100	B-2440.05
7	100	B-2440.07



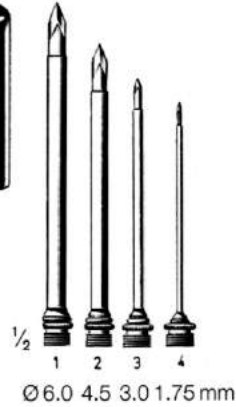




Metal female catheters

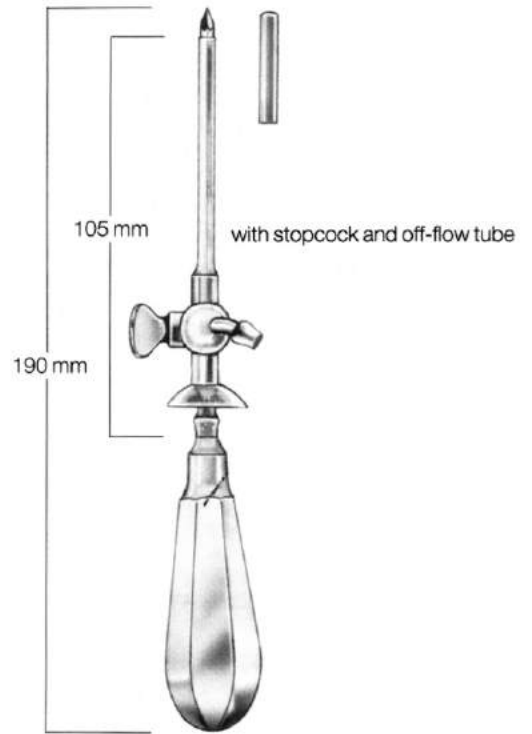
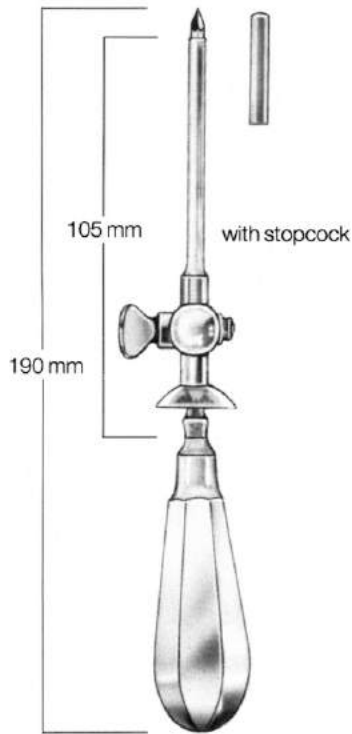
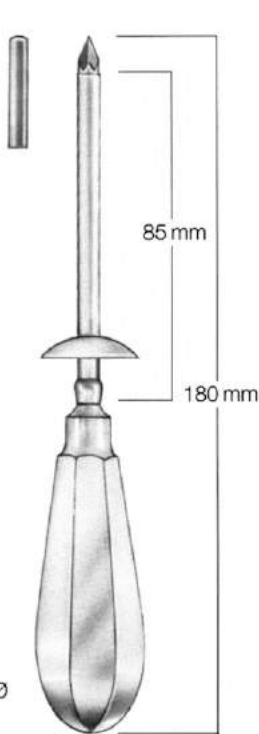
	mm Ø	Charr.
B-2951.06	2	6
B-2951.07	2 ½	7
B-2951.08	2 ¾	8
B-2951.09	3	9
B-2951.10	3 ½	10
B-2951.11	3 ¾	11
B-2951.12	4	12
B-2951.14	4 ¾	14
B-2951.16	5 ½	16
B-2951.18	6	18
B-2951.20	6 ¾	20
B-2951.22	7 ½	22
B-2951.24	8	24

16 cm/6 ¼"



B-3003.00
 Universal trocar with 3 tips fig. 2, 3, 4

B-3004.00
 Universal trocar with 4 tips

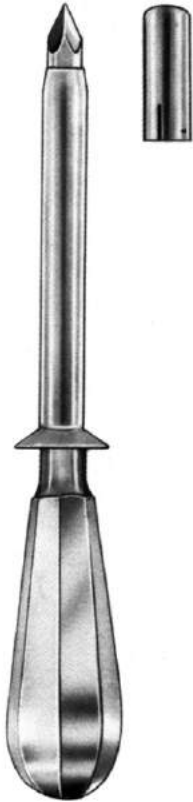


inside Ø outside Ø

mm	mm	Standard
2	3	B-3010.30
3	4	B-3010.40
4	5	B-3010.50
5	6	B-3010.60

Standard
B-3012.30
B-3012.40
B-3012.50
B-3012.60

Standard
B-3014.30
B-3014.40
B-3014.50
B-3014.60



Nelson



Fig. 1
B-3020.75



Fig. 2
B-3020.90

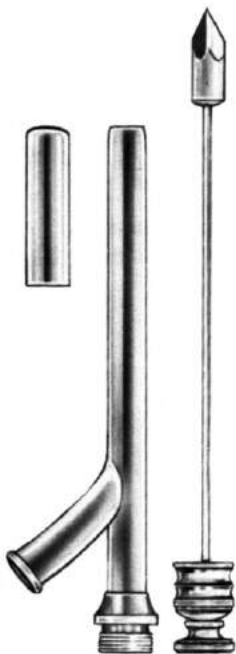


Fig. 3
B-3021.05



Fig. 4
B-3021.20

outside Ø mm	7,5	9,0	10,5	12,0
inside width mm	6,0	7,5	9,0	10,0
for catheter charr.	15	21	27	30

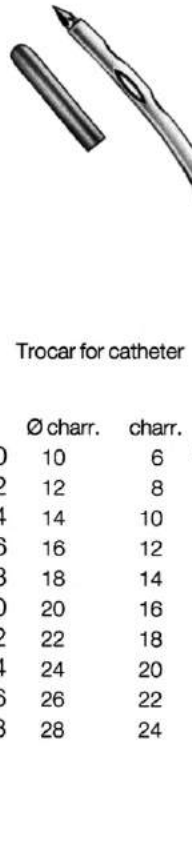


Ochsner

for gall bladder

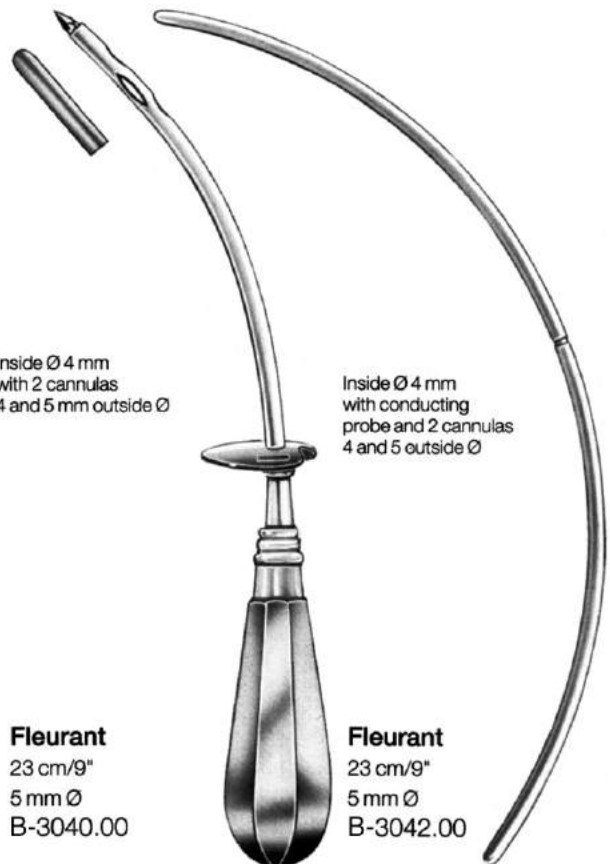
Trocar for catheter

	Ø charr.	charr.
B-3034.10	10	6
B-3034.12	12	8
B-3034.14	14	10
B-3034.16	16	12
B-3034.18	18	14
B-3034.20	20	16
B-3034.22	22	18
B-3034.24	24	20
B-3034.26	26	22
B-3034.28	28	24



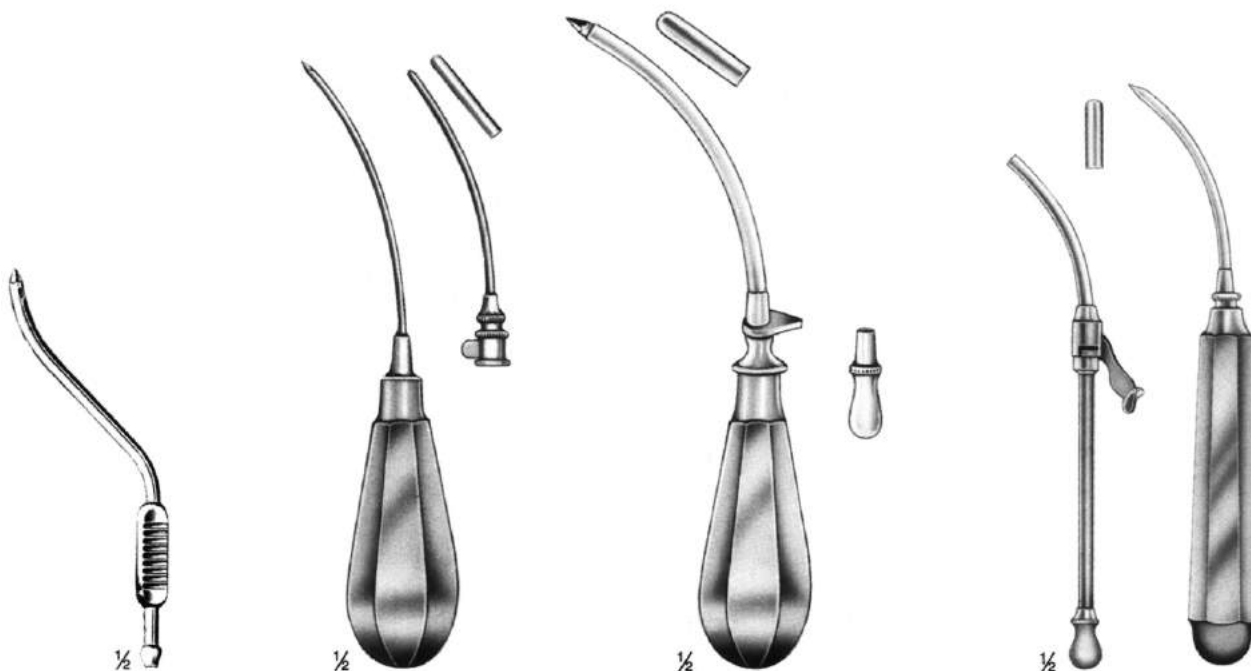
Inside Ø 4 mm
with 2 cannulas
4 and 5 mm outside Ø

Fleurant
23 cm/9"
5 mm Ø
B-3040.00



Inside Ø 4 mm
with conducting
probe and 2 cannulas
4 and 5 outside Ø

Fleurant
23 cm/9"
5 mm Ø
B-3042.00

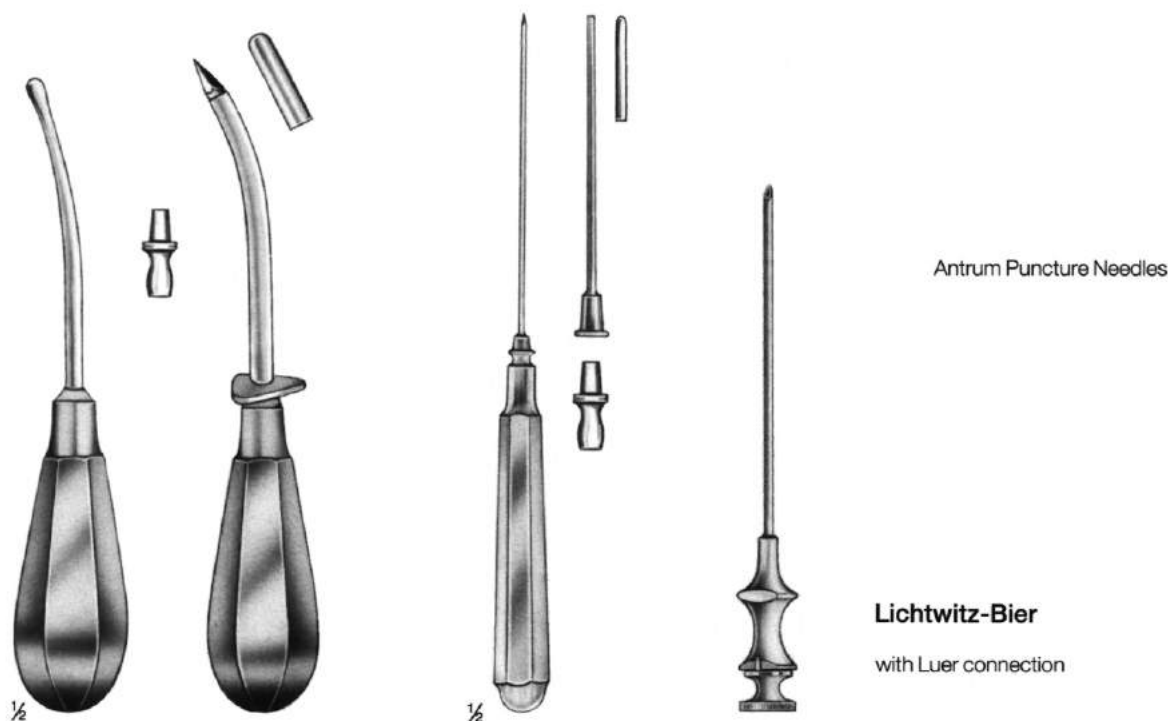


Douglas
Ø 3 mm
B-3115.30

Lichtwitz
15 cm/6"
Ø 2 mm
B-3122.20

Pierce
17 cm/6 ¾"
B-3131.30 Ø 3 mm
B-3131.40 Ø 4 mm
B-3131.50 Ø 5 mm

Coakley
14 cm/5 ½"
Ø 3 mm
B-3135.30



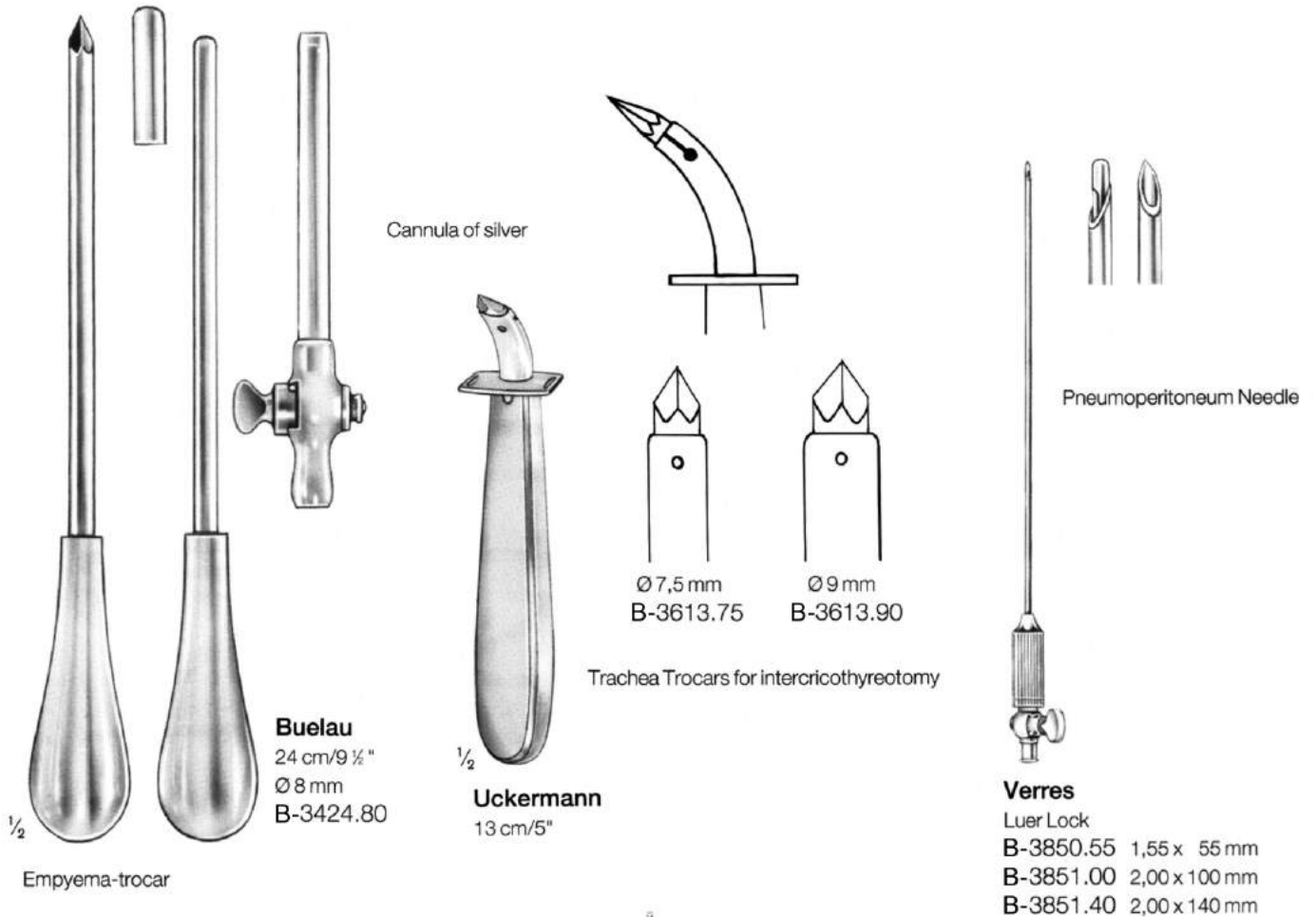
Krause
16 cm/6 ¼"
Ø 5,5 cm
B-3140.55

Lichtwitz
19 cm/7 ½"
Ø 1,8 mm
B-3154.18

Lichtwitz-Bier
with Luer connection

1,0 mm Ø x 80 mm	B-3170.10
1,2 mm Ø x 80 mm	B-3170.12
1,5 mm Ø x 80 mm	B-3170.15
1,8 mm Ø x 100 mm	B-3170.18

Antrum Puncture Needles



Liver Blind Puncture Needles, with Stopping Probe

Needles for controlled liver puncture

Trocars for introduction of liver puncture needles

- B-3810.35 = 1,00 x 35 mm
- B-3810.70 = 1,00 x 70 mm
- B-3812.70 = 1,20 x 70 mm
- B-3812.99 = 1,20 x 100 mm
- B-3814.70 = 1,40 x 70 mm
- B-3814.99 = 1,40 x 100 mm
- B-3816.70 = 1,60 x 70 mm
- B-3818.99 = 1,80 x 100 mm

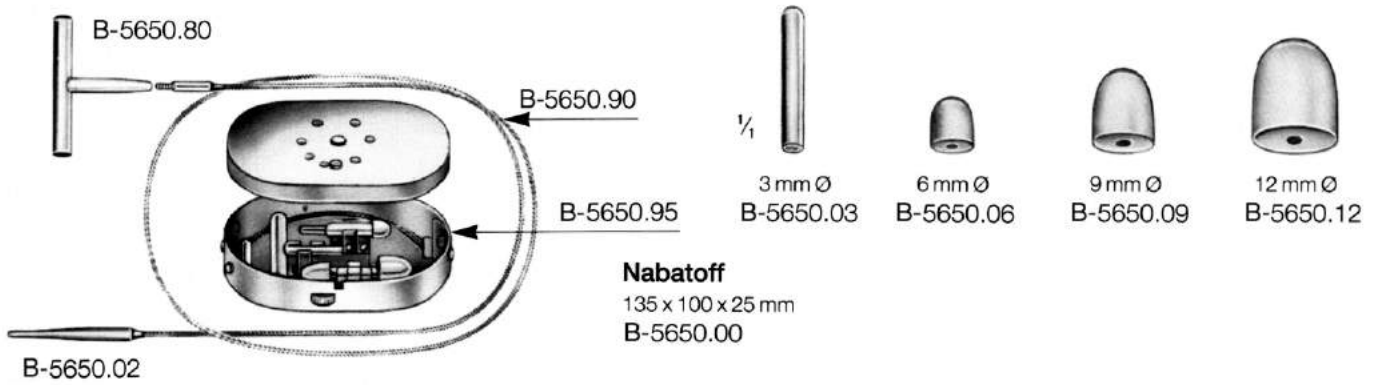
Menghini

Menghini

- B-3830.14 = 1,40 x 168 mm
- B-3830.18 = 1,80 x 168 mm

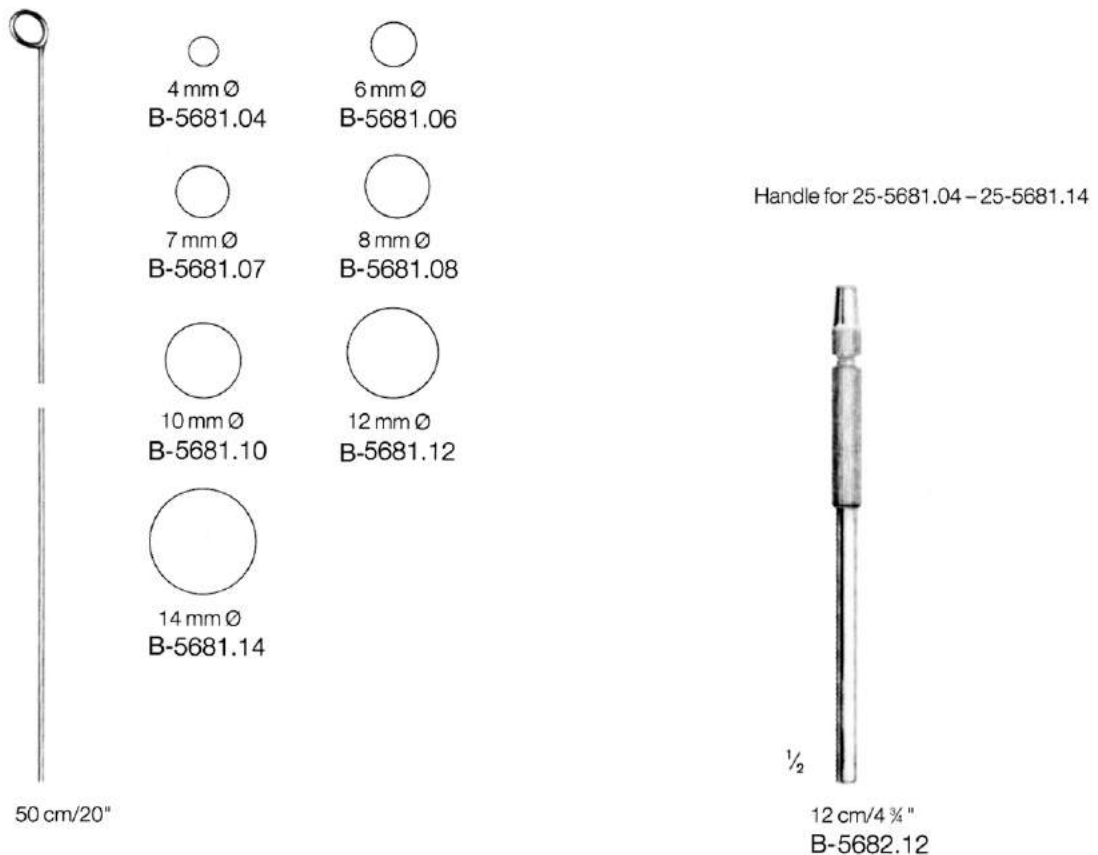
- B-3830.64 = 1,40 mm Ø
- B-3830.68 = 1,80 mm Ø

Vein stripper set in metal case
Trousse pour stripping veineux en étui métal
Juego para várices, en estuche de metal



- Set complete, consisting of:
- B-5650.95 Case 135 x 100 x 25 mm
 - B-5650.80 Handle
 - B-5650.03 Metal-Probe Tip
 - B-5650.06 Olive 6 mm Ø
 - B-5650.09 Olive 9 mm Ø
 - B-5650.12 Olive 12 mm Ø
 - B-5650.90 Cable, length: 90 cm
 - B-5650.02 Plastic Probe Tip






Endarterectomy Strippers







Vascular Dilators



malleable

$\frac{1}{4}$					
	1 mm	1,5 mm	2 mm	2,5 mm	3 mm
14 cm/5 $\frac{1}{2}$ "	B-5714.10	B-5714.15	B-5714.20	B-5714.25	B-5714.30
21 cm/8 $\frac{1}{4}$ "	B-5721.10	B-5721.15	B-5721.20	B-5721.25	B-5721.30

$\frac{1}{4}$				
	3,5 mm	4 mm	4,5 mm	5 mm
14 cm/5 $\frac{1}{2}$ "	B-5714.35	B-5714.40	B-5714.45	B-5714.50
21 cm/8 $\frac{1}{4}$ "	B-5721.35	B-5721.40	B-5721.45	B-5721.50













Garrett
14 cm/5 $\frac{1}{2}$ "
21 cm/8 $\frac{1}{4}$ "

Set complete
14 cm/5 $\frac{1}{2}$ "
B-5714.00

Set complete
21 cm/8 $\frac{1}{4}$ "
B-5721.00
















malleable

$\frac{1}{4}$						
	0,5 mm	1,0 mm	1,5 mm	2,0 mm	2,5 mm	3,0 mm
	B-5819.05	B-5819.10	B-5819.15	B-5819.20	B-5819.25	25-5819.30
$\frac{1}{4}$						
	3,5 mm	4,0 mm	4,5 mm	5,0 mm	7,0 mm	9,0 mm
	B-5819.35	B-5819.40	B-5819.45	B-5819.50	B-5819.70	B-5819.90

DeBakey
19 cm/7 $\frac{1}{2}$ "



	$\frac{1}{4}$							
		1 mm Ø	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	7 mm Ø
21 cm/8 $\frac{1}{4}$ "				B-6021.03	B-6021.04	B-6021.05	B-6021.06	B-6021.07
30 cm/11 $\frac{3}{8}$ "	B-6030.01	B-6030.02	B-6030.03	B-6030.04	B-6030.05	B-6030.06	B-6030.07	
	$\frac{1}{4}$							
		8 mm Ø	9 mm Ø	10 mm Ø	11 mm Ø	12 mm Ø	13 mm Ø	
21 cm/8 $\frac{1}{4}$ "		B-6021.08	B-6021.09	B-6021.10	B-6021.11			
30 cm/11 $\frac{3}{8}$ "	B-6030.08	B-6030.09	B-6030.10	B-6030.11	B-6030.12	B-6030.13		

Bakes

malleable shaft

21 cm/8 $\frac{1}{4}$ "

B-6022.09

Set of 9, consisting of 1 each 3 thru 11 mm, in plastic pouch

B-6021.03 – 25-6021.11

3 mm Ø – 11 mm Ø

Filiform Bougie

33 cm/13"

Charr.
(French)

3 B-6133.30

4 B-6133.40

5 B-6133.50

6 B-6133.60



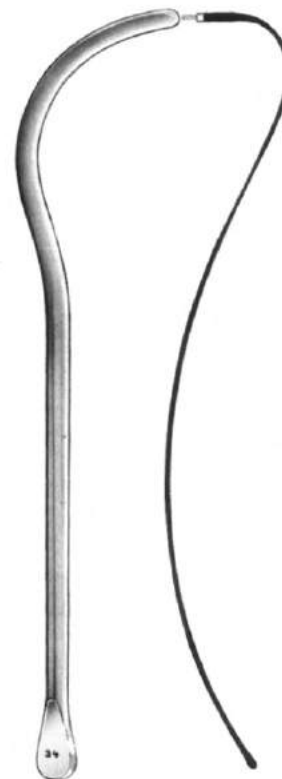
straight

Dittel
22,5 cm/9"



curved

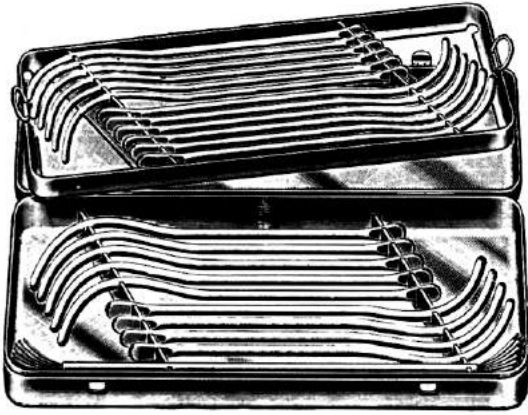
Dittel
35,5 cm/14"



Guyon
25 cm/10"

mm Ø	Charr. (French)			
2½	8	B-6122.08		
3	9	B-6122.09		
3½	10	B-6122.10	B-6135.10	B-6155.10
3¾	11	B-6122.11	B-6135.11	B-6155.11
4	12	B-6122.12	B-6135.12	B-6155.12
4½	13	B-6122.13	B-6135.13	B-6155.13
4¾	14	B-6122.14	B-6135.14	B-6155.14
5	15	B-6122.15	B-6135.15	B-6155.15
5½	16	B-6122.16	B-6135.16	B-6155.16
5¾	17	B-6122.17	B-6135.17	B-6155.17
6	18	B-6122.18	B-6135.18	B-6155.18
6½	19	B-6122.19	B-6135.19	B-6155.19
6¾	20	B-6122.20	B-6135.20	B-6155.20
7	21	B-6122.21	B-6135.21	B-6155.21
7½	22	B-6122.22	B-6135.22	B-6155.22
7¾	23	B-6122.23	B-6135.23	B-6155.23
8	24	B-6122.24	B-6135.24	B-6155.24
8½	25	B-6122.25	B-6135.25	B-6155.25
8¾	26	B-6122.26	B-6135.26	B-6155.26
9	27	B-6122.27	B-6135.27	B-6155.27
9½	28	B-6122.28	B-6135.28	B-6155.28
9¾	29	B-6122.29	B-6135.29	B-6155.29
10	30	B-6122.30	B-6135.30	B-6155.30

Set of Dilating Sounds



Set of Urethral Bougies and Dilating Sounds in metal case, containing:
21 Urethral Bougies, 10-11-12-13-14-15-16-17-18-
19-20-21-22-23-24-25-26-27-28-29-30
6 Filiform bougies in metal tube

¼

420 x 175 x 40 mm

Guyon
B-6174.21

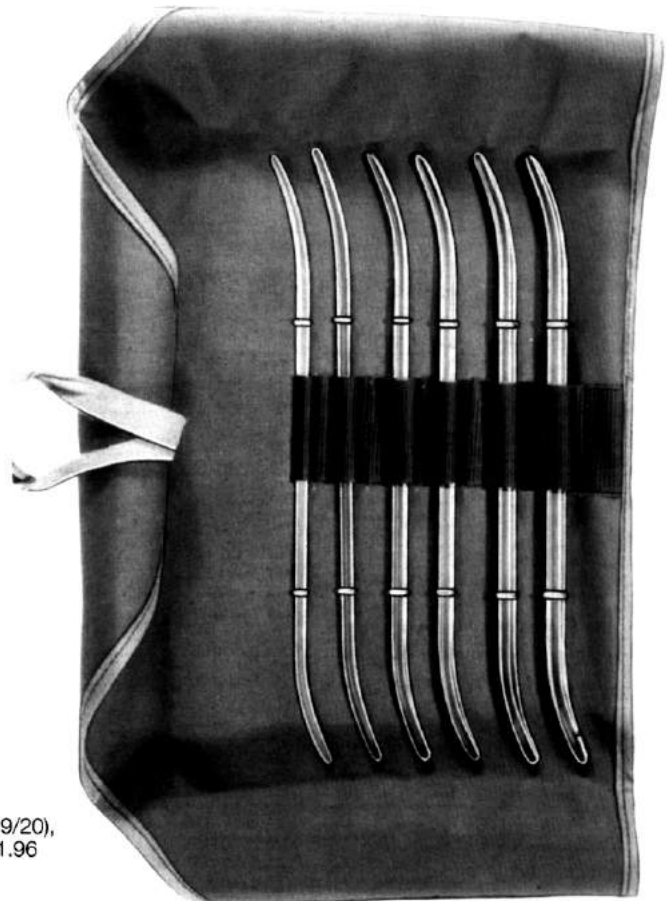


½

Hank

B-6240.09	Fig. 9/10	4,5/ 5 mm Ø
B-6240.11	Fig. 11/12	5,5/ 6 mm Ø
B-6240.13	Fig. 13/14	6,5/ 7 mm Ø
B-6240.15	Fig. 15/16	7,5/ 8 mm Ø
B-6240.17	Fig. 17/18	8,5/ 9 mm Ø
B-6240.19	Fig. 19/20	9,5/10 mm Ø

Set of 6 dilators (9/10 - 19/20),
in canvas roll No. B-6241.96



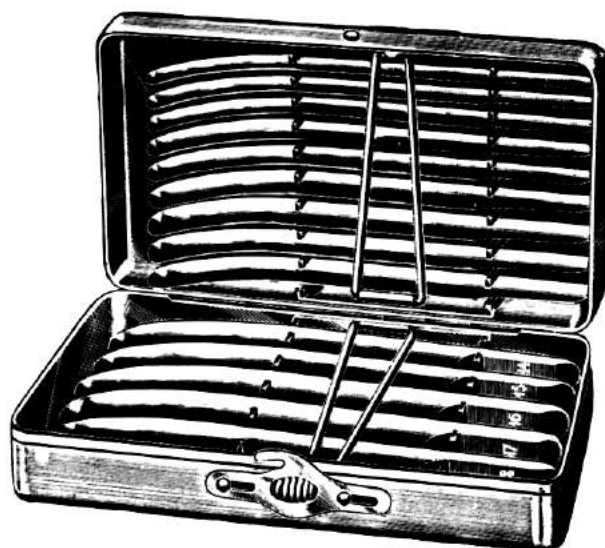
½

Hank
B-6241.06



Hegar

mm Ø			mm Ø		
1,0	B-6320.01		12,5		B-6331.25
1,5		B-6330.15	13,0	B-6320.13	
2,0	B-6320.02		13,5		B-6331.35
2,5		B-6330.25	14,0	B-6320.14	
3,0	B-6320.03		14,5		B-6331.45
3,5		B-6330.35	15,0	B-6320.15	
4,0	B-6320.04		15,5		B-6331.55
4,5		B-6330.45	16,0	B-6320.16	
5,0	B-6320.05		16,5		B-6331.65
5,5		B-6330.55	17,0	B-6320.17	
6,0	B-6320.06		17,5		B-6331.75
6,5		B-6330.65	18,0	B-6320.18	
7,0	B-6320.07		19,0	B-6320.19	
7,5		B-6330.75	20,0	B-6320.20	
8,0	B-6320.08		21,0	B-6320.21	
8,5		B-6330.85	22,0	B-6320.22	
9,0	B-6320.09		23,0	B-6320.23	
9,5		B-6330.95	24,0	B-6320.24	
10,0	B-6320.10		25,0	B-6320.25	
10,5		B-6331.05	26,0	B-6320.26	
11,0	B-6320.11				
11,5		B-6331.15			
12,0	B-6320.12				



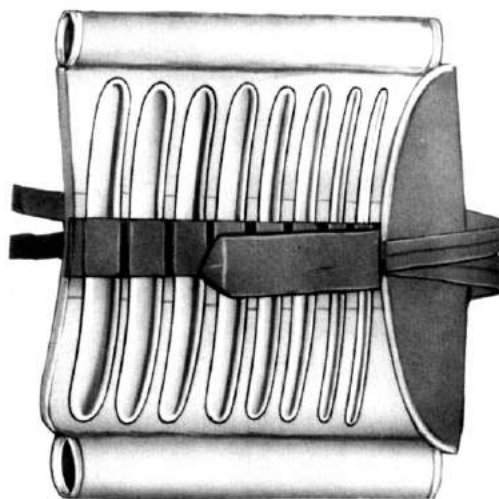
B-6325.14
 Set of 14 dilators 4 – 17 mm Ø in metal case

B-6325.26
 Set of 26 dilators 1 – 26 mm Ø in metal case

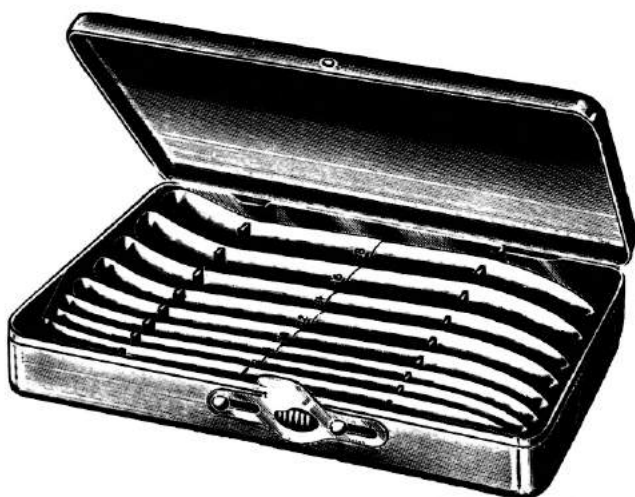


	mm Ø
B-6350.01	1 + 2
B-6350.03	3 + 4
B-6350.05	5 + 6
B-6350.07	7 + 8
B-6350.09	9 + 10
B-6350.11	11 + 12
B-6350.13	13 + 14
B-6350.15	15 + 16
B-6350.17	17 + 18
B-6350.19	19 + 20
B-6350.21	21 + 22
B-6350.23	23 + 24
B-6350.25	25 + 26

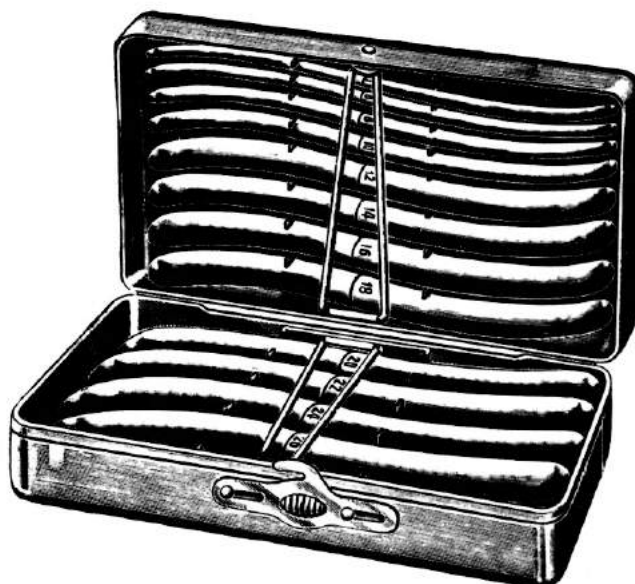
B-6351.08
 Set of 8 dilators
 3.0/4.0 – 17.0/18.0 mm Ø.



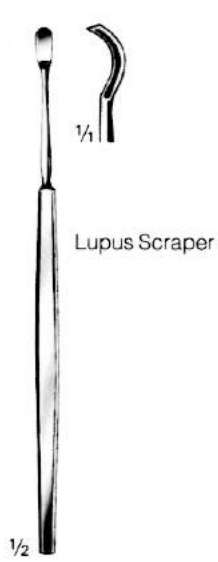
Hegar



Hegar
B-6352.08
 Set of 8 dilators
 3.0/4.0 – 17.0/18.0 mm Ø,
 in metal case with hinged lid



Hegar
B-6352.13
 Set of 13 dilators
 1.0/2.0 – 25.0/26.0 mm Ø,
 in metal case with hinged lid



Vidal
14 cm/5 1/2"
B-7104.14



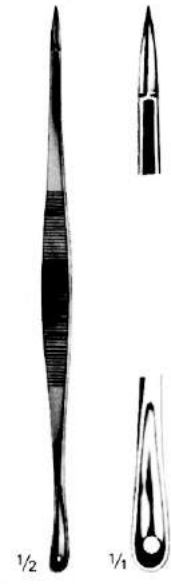
Unna
14 cm/5 1/2"
B-7114.14



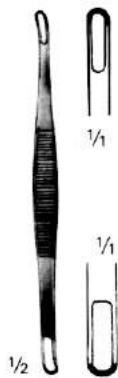
Unna
14 cm/5 1/2"
B-7115.14



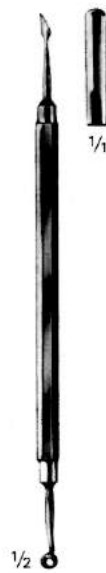
Saalfeld
10 cm/4"
B-7120.10



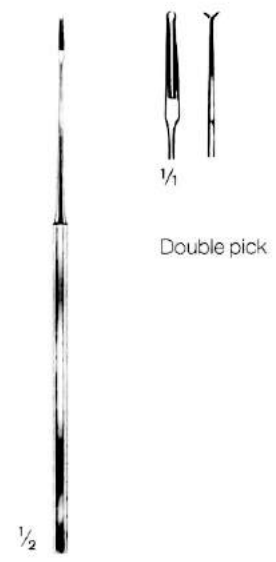
Saalfeld
14 cm/5 1/2"
B-7122.14



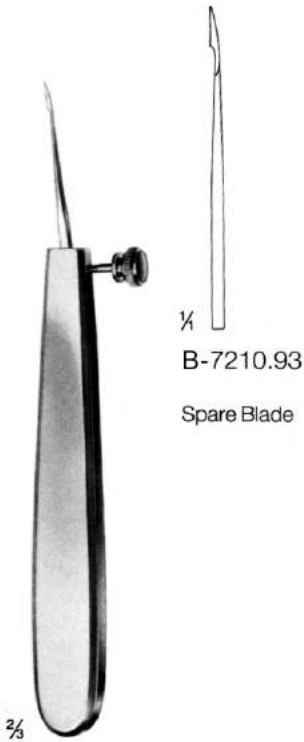
Schamberg
10 cm/4"
B-7124.10



Katsch
14 cm/5 1/2"
B-7126.14



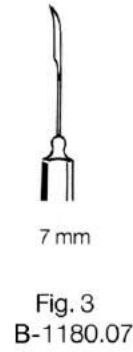
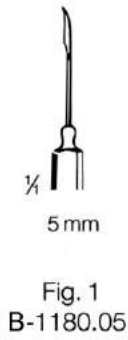
14 cm / 5 1/2"
B-0460.14



Moncorps
13 cm / 5"
B-7210.13

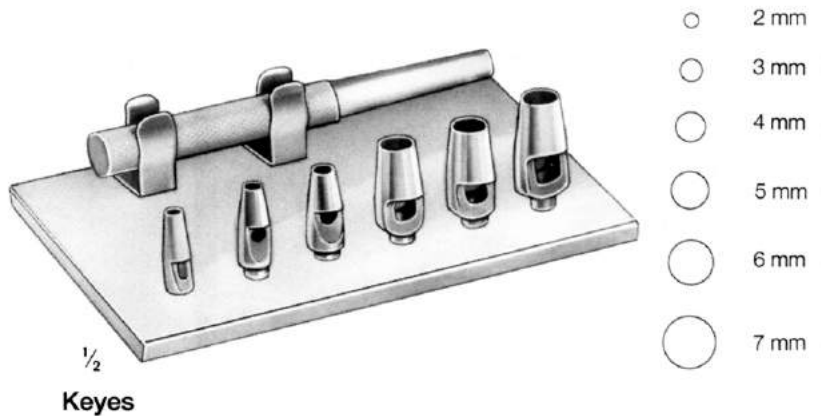
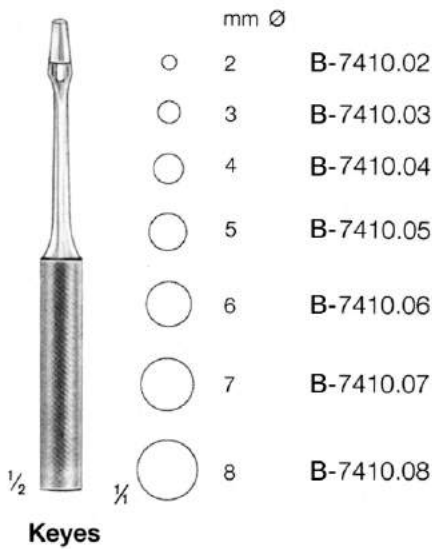


12 cm / 4 ¾"



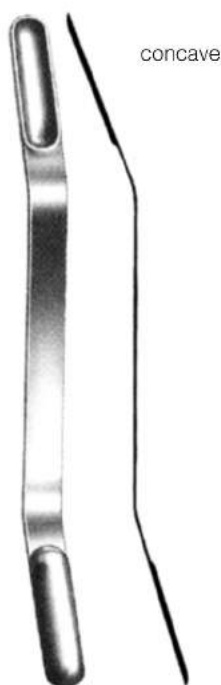
Tönnis
13,5 cm / 5"
B-5010.13

Cutaneous Punches



Set complete

B-7460.00

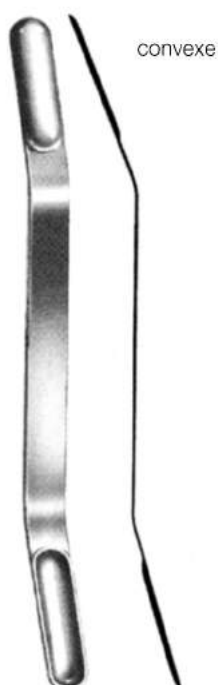


concave

Olivecrona
18 cm/7"

Width of spatulas

7 mm + 9 mm	B-2253.07
11 mm + 13 mm	B-2253.11
15 mm + 18 mm	B-2253.15
18 mm + 22 mm	B-2253.18



convexe

Olivecrona
18 cm/7"

Width of spatulas

7 mm + 9 mm	B-2255.07
11 mm + 13 mm	B-2255.11
15 mm + 18 mm	B-2255.15
18 mm + 22 mm	B-2255.18

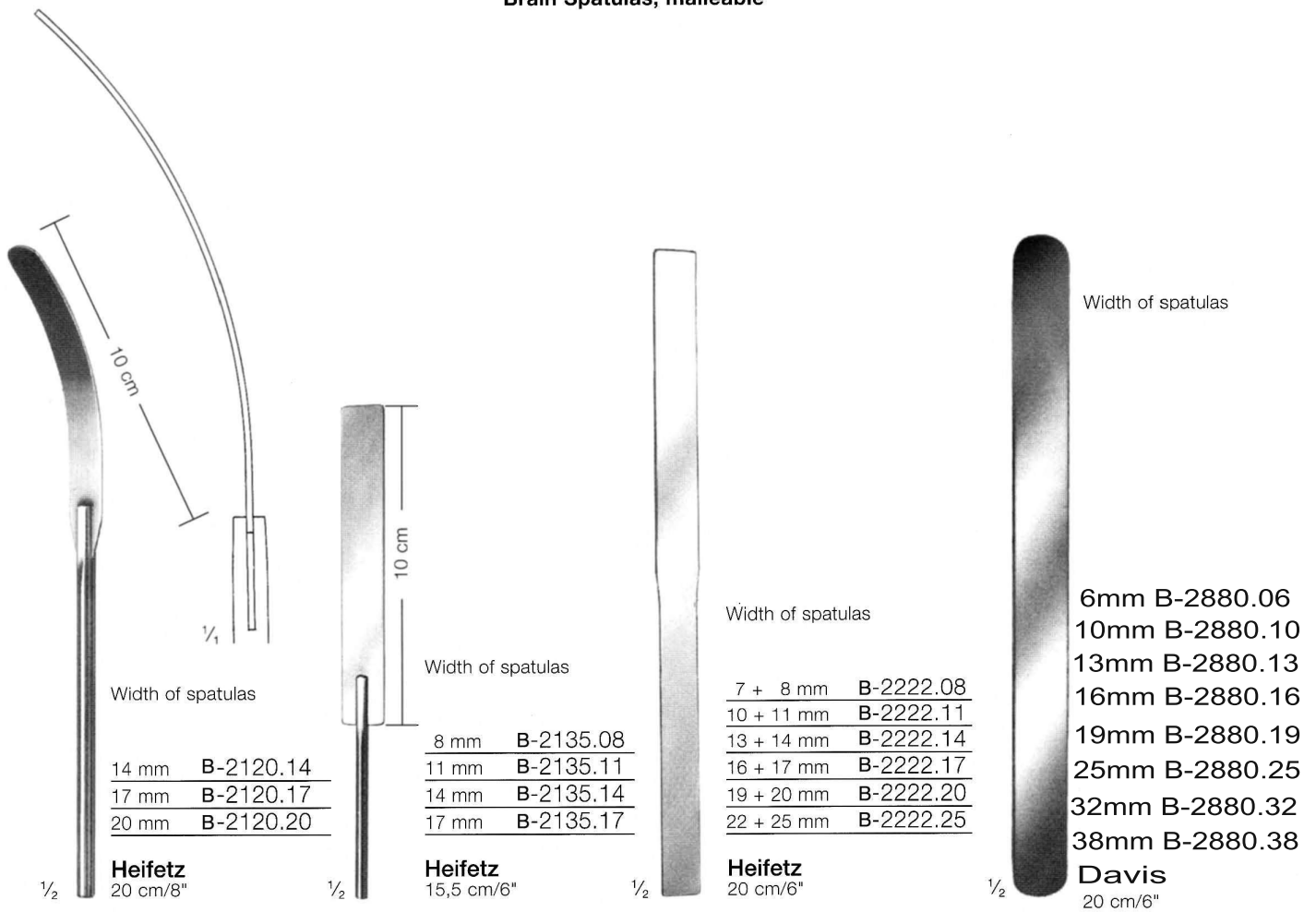


Olivecrona
18 cm/7"

Width of spatulas

7 mm + 9 mm	B-2258.07
11 mm + 13 mm	B-2258.11
15 mm + 18 mm	B-2258.15
18 mm + 22 mm	B-2258.18

Brain Spatulas, malleable



Heifetz
20 cm/8"

Width of spatulas

14 mm	B-2120.14
17 mm	B-2120.17
20 mm	B-2120.20

Heifetz
15,5 cm/6"

Width of spatulas

8 mm	B-2135.08
11 mm	B-2135.11
14 mm	B-2135.14
17 mm	B-2135.17

Heifetz
20 cm/6"

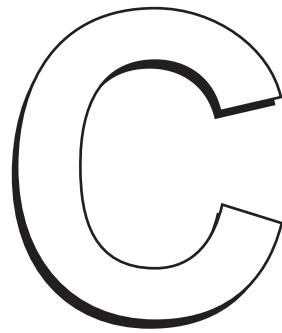
Width of spatulas

7 + 8 mm	B-2222.08
10 + 11 mm	B-2222.11
13 + 14 mm	B-2222.14
16 + 17 mm	B-2222.17
19 + 20 mm	B-2222.20
22 + 25 mm	B-2222.25

Davis
20 cm/6"

Width of spatulas

6mm	B-2880.06
10mm	B-2880.10
13mm	B-2880.13
16mm	B-2880.16
19mm	B-2880.19
25mm	B-2880.25
32mm	B-2880.32
38mm	B-2880.38



- Forceps
- Pincers
- Pinzas

Dressing forceps Pincès à disséquer Pinzas de disección



3,4 mm



Standard

1,3 mm



very fine

1,7 mm



delicate

2,3 mm



medium

2,5 mm



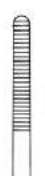
slender

cm	inch.						
11,5	4 ½	C-0200.11		C-0204.11		C-0208.11	
13	5	C-0200.13		C-0204.13		C-0208.13	
14,5	5 ¾	C-0200.14	C-0202.14	C-0204.14	C-0206.14	C-0208.14	
16	6 ¼	C-0200.16				C-0208.16	
18	7	C-0200.18				C-0208.18	
20	8	C-0200.20				C-0208.20	
25	10	C-0200.25				C-0208.25	
30	12	C-0200.30					



Standard

Modell USA



slender

Modell USA



¼

Swedish pattern

C-0320.13



½

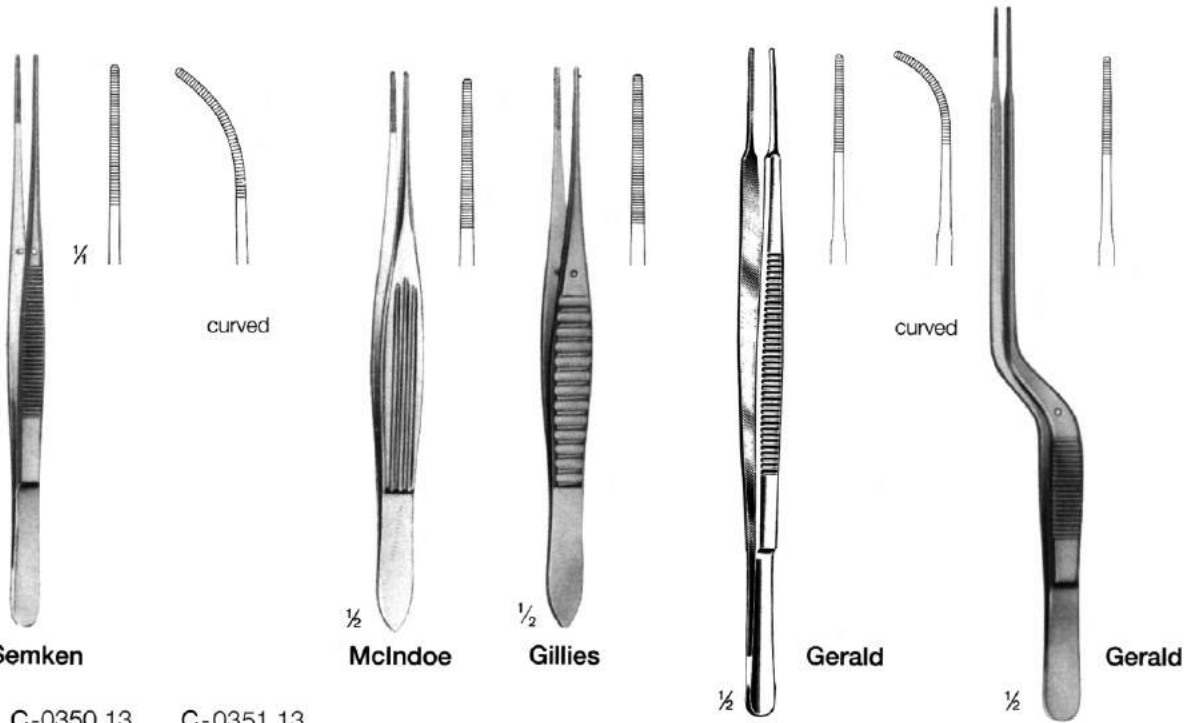
Duehrssen
20 cm/8"
C-0346.20

cm	inch.			
13	5	C-0310.13	C-0312.13	C-0320.13
14,5	5 ¾	C-0310.14	C-0312.14	
15	6	C-0310.15	C-0312.15	C-0320.15
17	6 ¾			C-0320.17
20	8	C-0310.20		C-0320.20

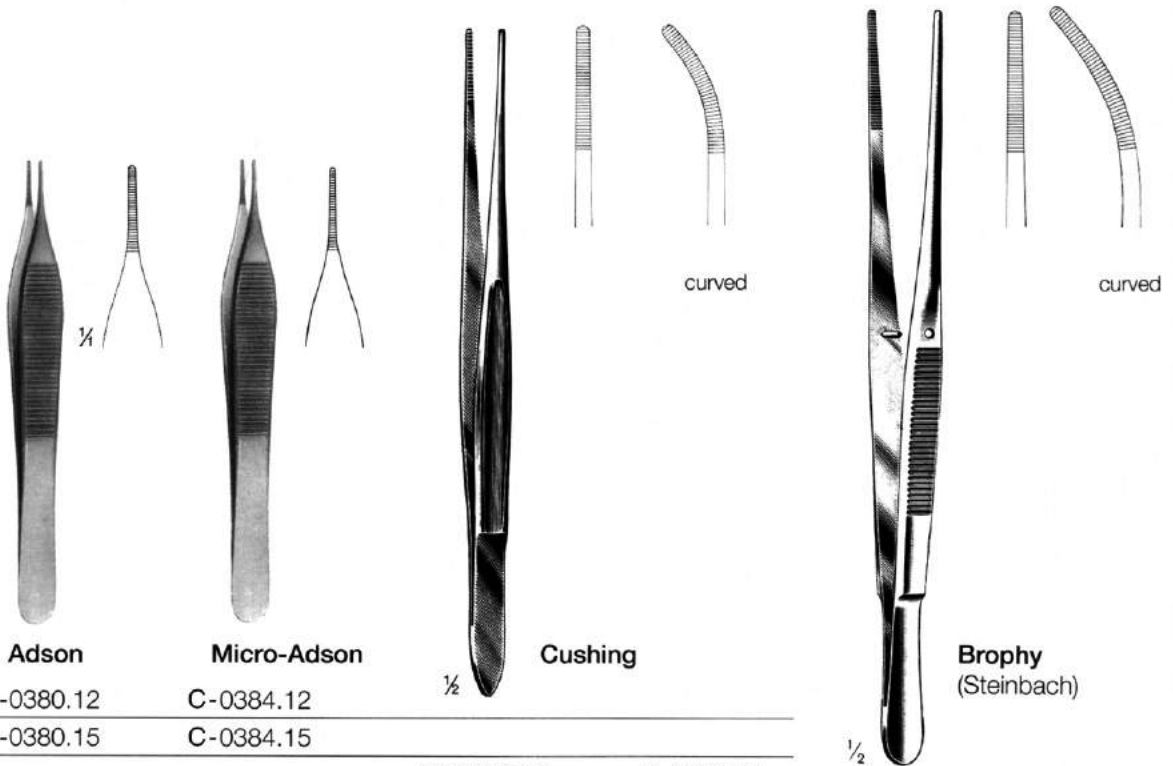
Fine dressing forceps

Pinces à disséquer à mors fins

Pinzas de disección finas

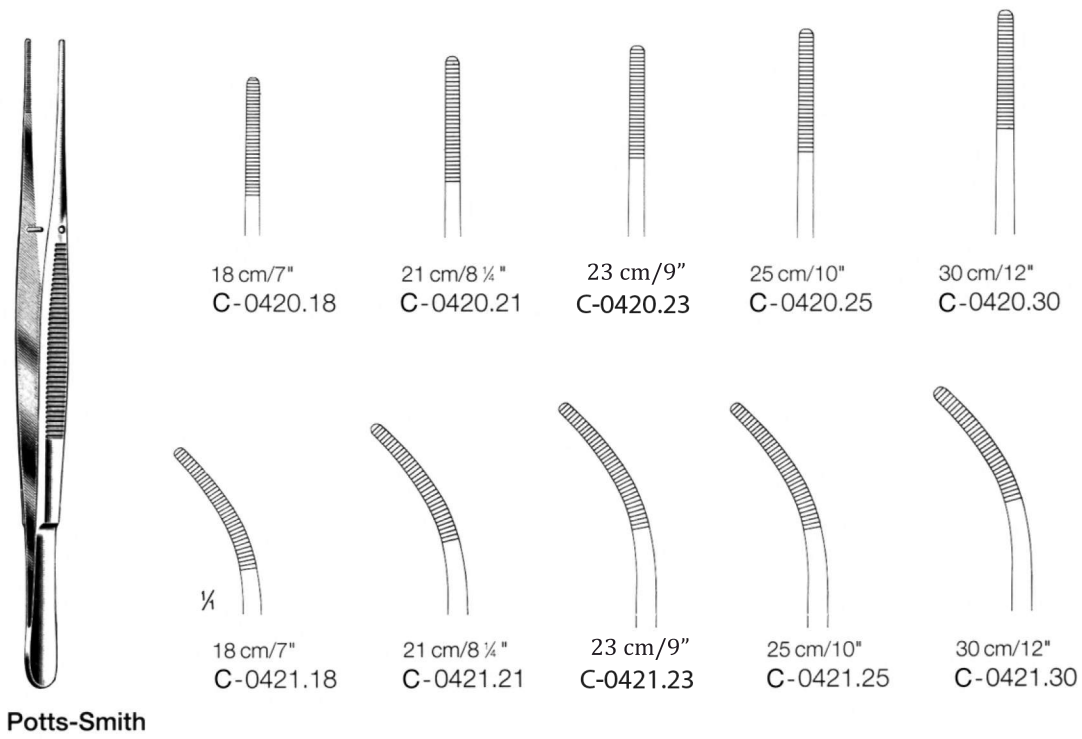


cm	inch.						
13	5	C-0350.13	C-0351.13				
14,5	5 1/4	C-0350.14	C-0351.14				
15	6			C-0360.15	C-0366.15		
16	6 1/4	C-0350.16	C-0351.16				
18	7	C-0350.18	C-0351.18			C-0370.18	C-0371.18 C-0372.18

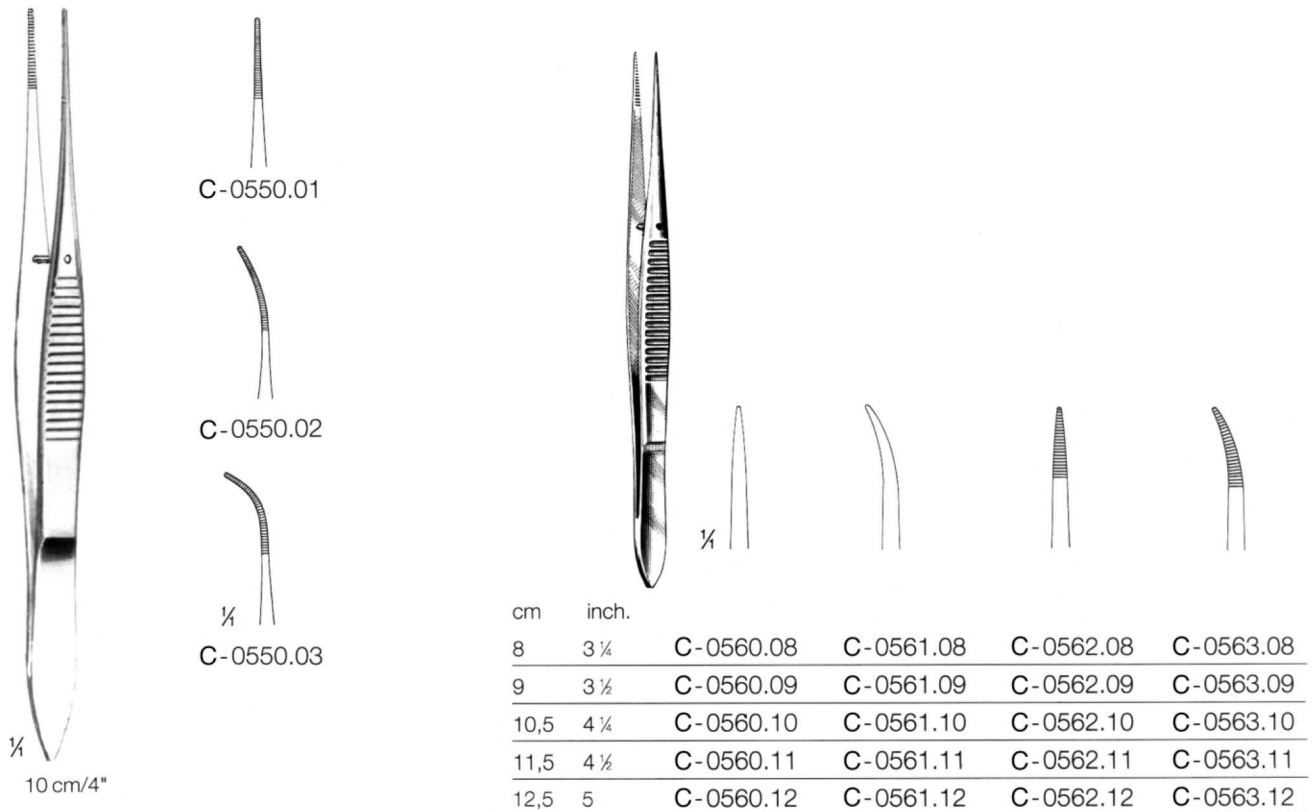


cm	inch.						
12	4 1/4	C-0380.12	C-0384.12				
15	6	C-0380.15	C-0384.15				
17,5	7			C-0390.17	C-0391.17		
20	8					C-0400.20	C-0401.20

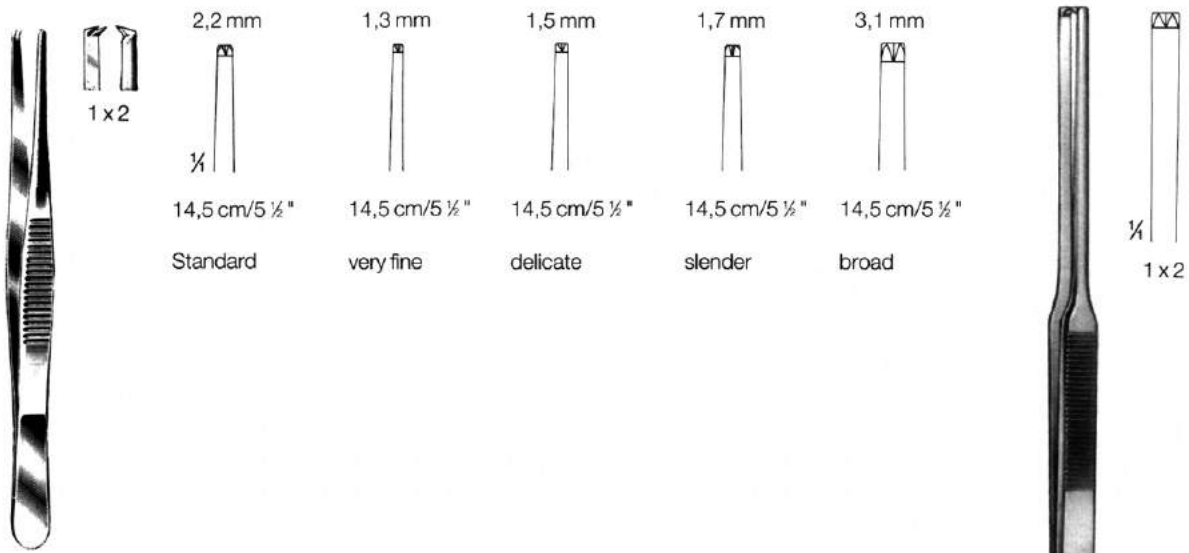
Fine dressing forceps
Pinces à disséquer à mors fins
Pinzas de disección finas



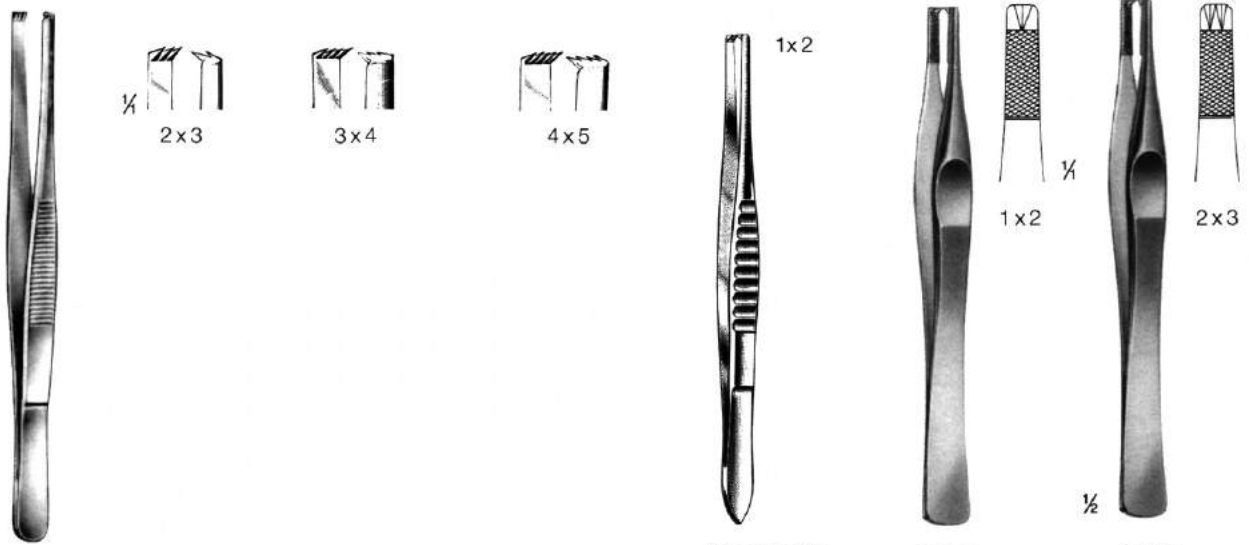
Microscopic Forceps with guide pin



Tissue forceps
Pinces à griffes
Pinzas quirúrgicas

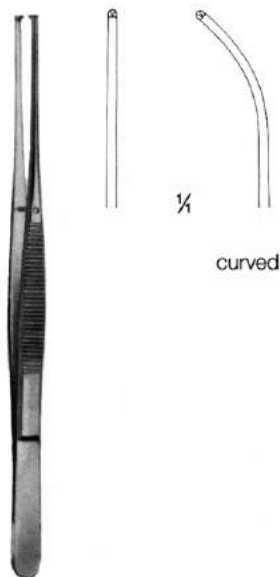


cm	inch.						
11,5	4 ½	C-1200.11		C-1204.11	C-1208.11		
13	5	C-1200.13		C-1204.13	C-1208.13		
14,5	5 ¾	C-1200.14	C-1202.14	C-1204.14	C-1208.14	C-1216.14	
16	6 ¼	C-1200.16			C-1208.16		
18	7	C-1200.18			C-1208.18		
20	8	C-1200.20			C-1208.20	C-1346.20	
25	10	C-1200.25			C-1208.25		
30	12	C-1200.30					



cm	inch.						
13	5	C-1223.13	C-1234.13	C-1245.13	C-1310.13		
14,5	5 ¾	C-1223.14	C-1234.14	C-1245.14	C-1310.14	C-1332.14	C-1334.14
16	6 ¼	C-1223.16	C-1234.16	C-1245.16			
18	7	C-1223.18					
20	8	C-1223.20				C-1332.20	

Fine tissue forceps
Pinces à griffes fins
Pinzas de disección con dientes finas



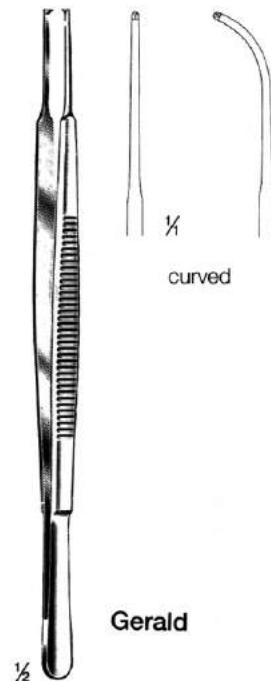
Semken



McIndoe



Gillies



Gerald

cm	inch.				
13	5	C-1350.13	C-1351.13		
14,5	5 7/8	C-1350.14	C-1351.14		
15	6			C-1360.15	C-1366.15
16	6 1/4	C-1350.16	C-1351.16		
18	7	C-1350.18	C-1351.18		C-1370.18 04-1371.18



Gerald



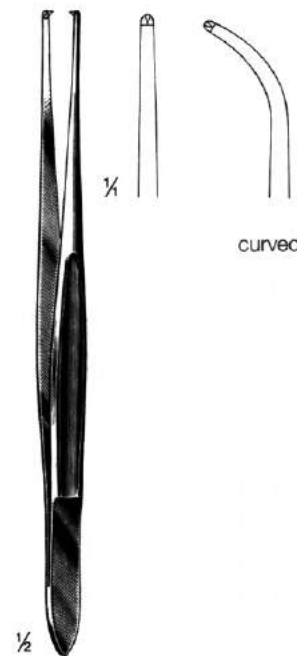
Adson



Adson



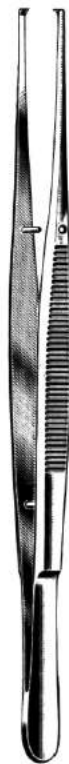
Micro-Adson



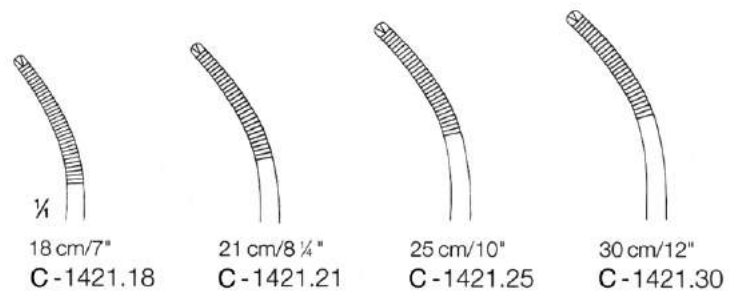
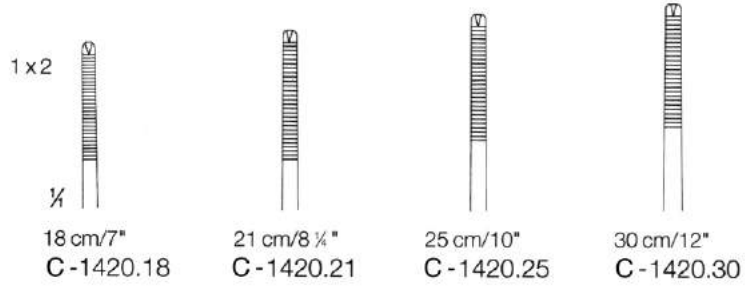
Cushing

cm	inch.				
12	4 3/4		C-1380.12	C-1382.12	C-1384.12
15	6		C-1380.15		C-1384.15
17,5	7				C-1390.17 C-1391.17
18	7	C-1372.18			

Fine tissue forceps
Pinces à griffes fins
Pinzas de disección con dientes finas



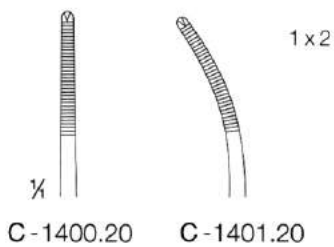
Potts-Smith



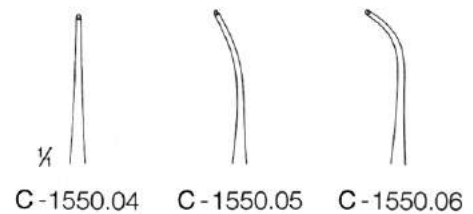
Microscopic Forceps



Brophy
 20 cm/8"



10 cm/4"





DeBakey-Diethrich



1,5 mm

cm	inch.	
15	6	C-2015.15
20	8	C-2015.20
24	9½	C-2015.24



DeBakey



1,5 mm



2,0 mm



2,8 mm

cm	inch.			
15	6	C-2115.15	C-2120.15	C-2128.15
20	8	C-2115.20	C-2120.20	C-2128.20
24	9½	C-2115.24	C-2120.24	C-2128.24
30	12		C-2120.30	C-2128.30



1/4



2,7 mm

cm	inch.		
15	6	C-2121.15	
20	8	C-2121.20	
24	9½	C-2121.24	
30	12	C-2121.30	C-2127.30



1/4
2,7 mm

DeBakey



3,5 mm

DeBakey



2,0 mm

Cooley



1,2 mm



18 cm/7" C-2948.12
21 cm/8 1/4" C-2951.12

2,0 mm



1/4
18 cm/7" C-2948.20
21 cm/8 1/4" C-2951.20

DeBakey
Ø8 mm

cm	inch.			
15	6	C-2427.15	C-2435.15	C-2920.15
20	8	C-2427.20	C-2435.20	C-2920.20
24	9 1/2	C-2427.24	C-2435.24	C-2920.24
30	12	C-2427.30	C-2435.30	

without spring catch

with spring catch

without spring catch

with spring catch



Green
10 cm/4"



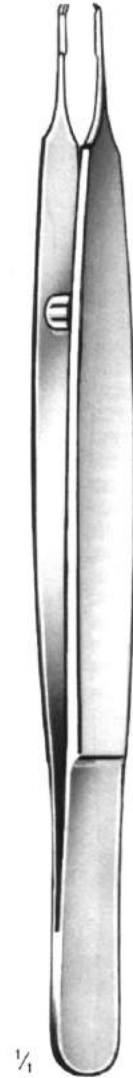
Green
10 cm/4"



Graefe
11 cm/4 1/2"
C-5020.11



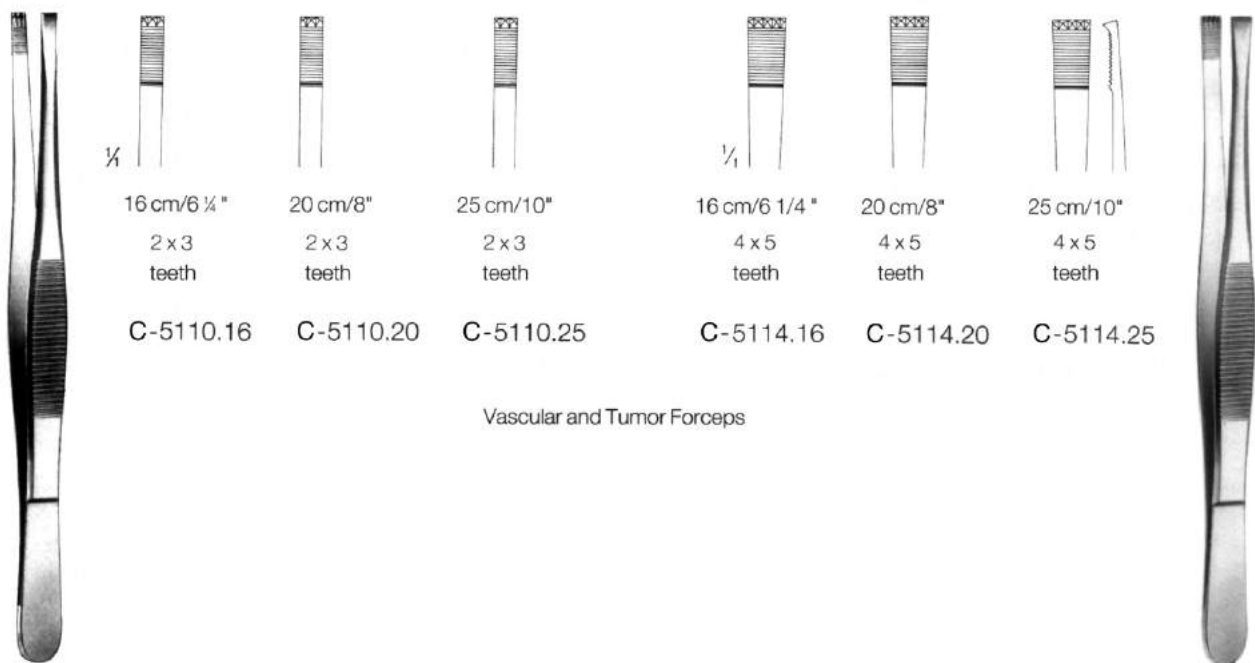
Graefe
11 cm/4 1/2"
C-5022.11



St. Martin-Gomel
14 cm/5 1/2"
C-5030.14

width

5,0mm	C-5010.05	C-5012.05
10,0mm	C-5010.10	C-5012.10
12,5mm	C-5010.12	C-5012.12

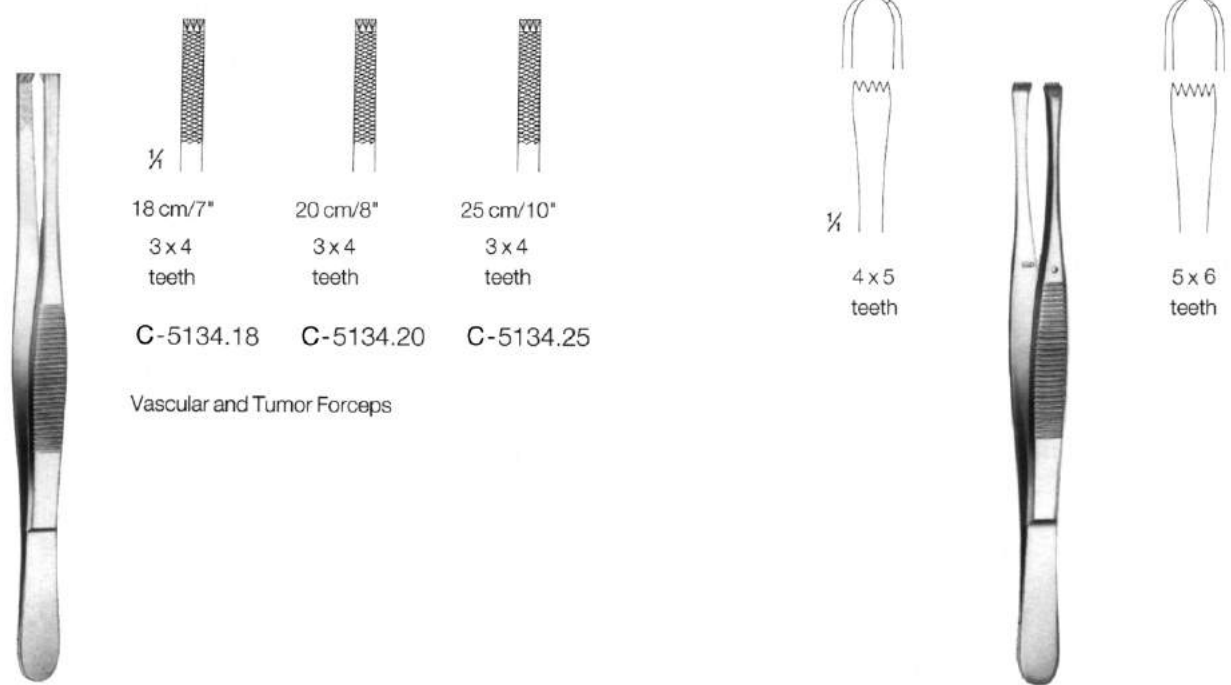


1/4				1/4		
16 cm/6 1/4"	20 cm/8"	25 cm/10"	16 cm/6 1/4"	20 cm/8"	25 cm/10"	
2 x 3 teeth	2 x 3 teeth	2 x 3 teeth	4 x 5 teeth	4 x 5 teeth	4 x 5 teeth	
C-5110.16	C-5110.20	C-5110.25	C-5114.16	C-5114.20	C-5114.25	

Vascular and Tumor Forceps

Adlerkreutz

Adlerkreutz



1/4		
18 cm/7"	20 cm/8"	25 cm/10"
3 x 4 teeth	3 x 4 teeth	3 x 4 teeth
C-5134.18	C-5134.20	C-5134.25

Vascular and Tumor Forceps

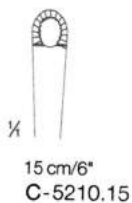
1/4	
4 x 5 teeth	5 x 6 teeth

Stille-Barraya

Stone
 15 cm/6"
 C-5140.15

Lerche
 15 cm/6"
 C-5146.15

Vascular and Tumor Forceps



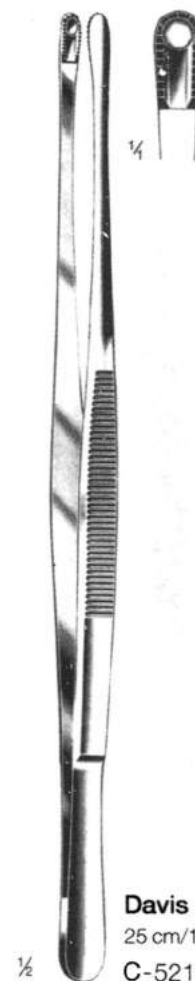
Russ. Modell



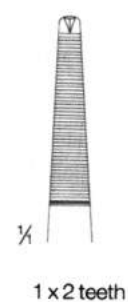
DENIS BROWNE
 20.0 cm, 8"
 C-5260.20



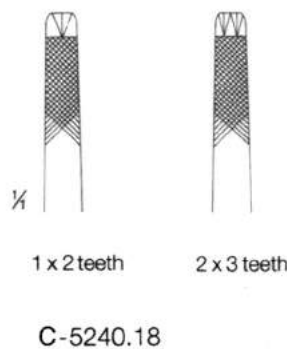
Mayo-Russ.
 23 cm/9"
 C-5214.23



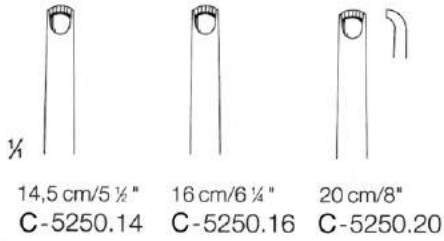
Davis
 25 cm/10"
 C-5218.25



Bonney
 18 cm/7"



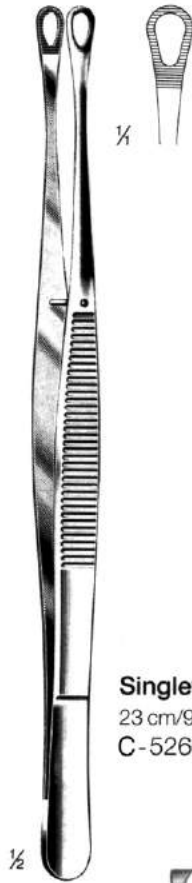
Ferris-Smith
 18 cm/7"



14,5 cm/5 1/2" C-5250.14
 16 cm/6 1/4" C-5250.16
 20 cm/8" C-5250.20

Durante

Lung Grasping Forceps



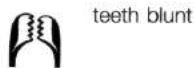
Singley (Tuttle)
 23 cm/9"
 C-5260.23



6 x 7 teeth

Nelson
 23 cm/9"
 C-5270.23

Intestinal Forceps



teeth blunt

11 cm/4 1/2" C-5274.11
 15 cm/6" C-5274.15

Allis

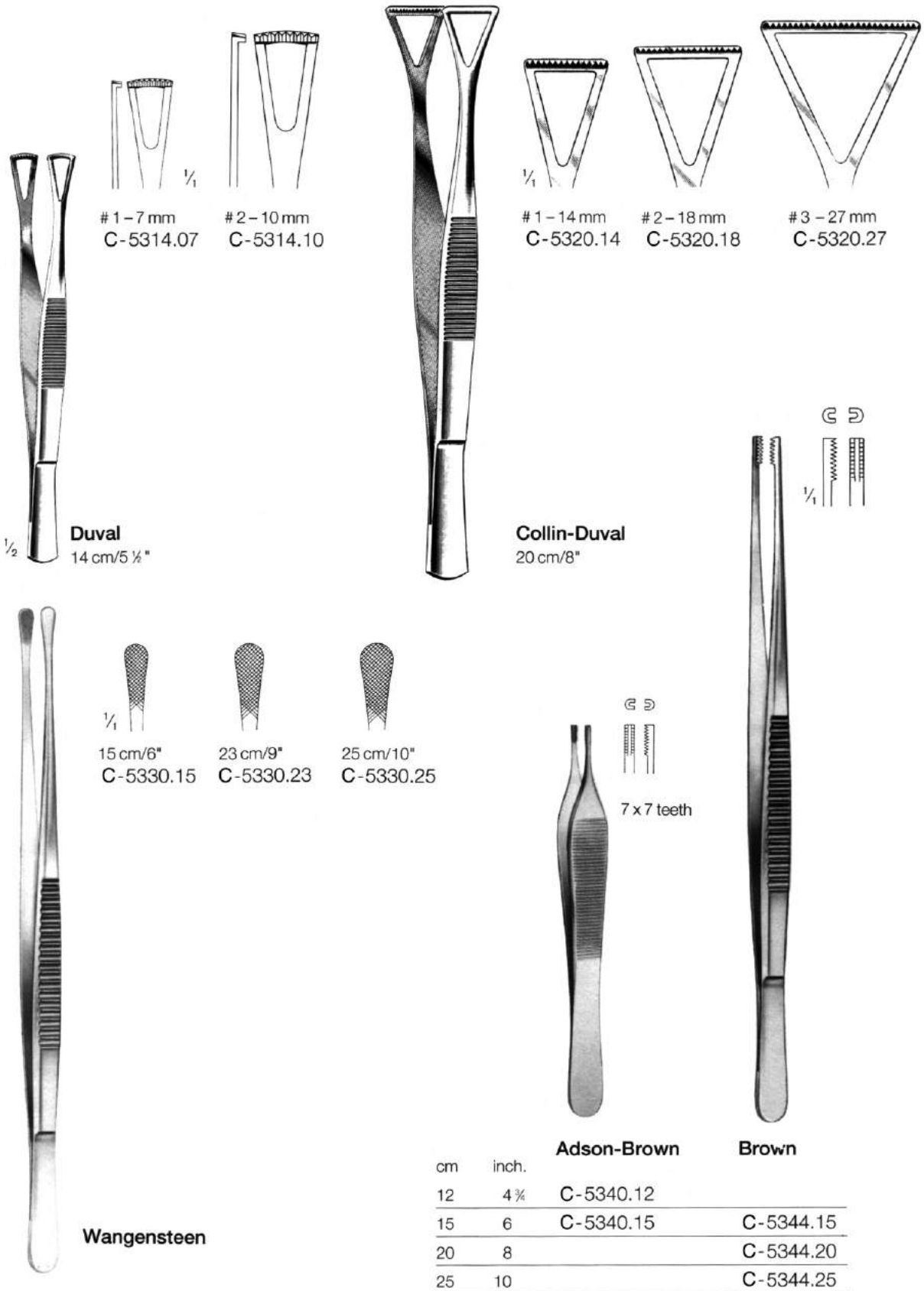


teeth blunt

cm	inch.	
20	8	C-5274.20
23	9	C-5274.23
30	12	C-5274.30

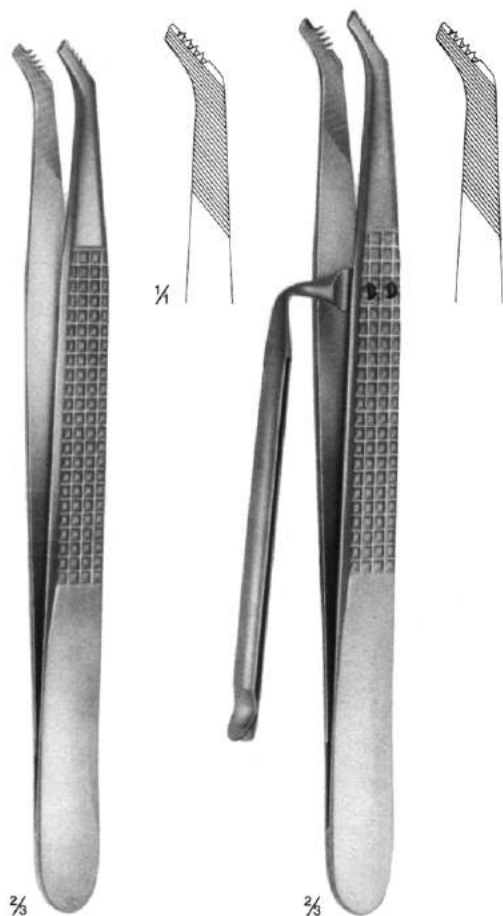
Allis

Grasping forceps
Pinces pour préhension
Pinzas para coger



Approximation- and Clip Applying Forceps

with clip holder



Childe
18 cm/7"
C-5710.18

Childe
18 cm/7"
C-5711.18



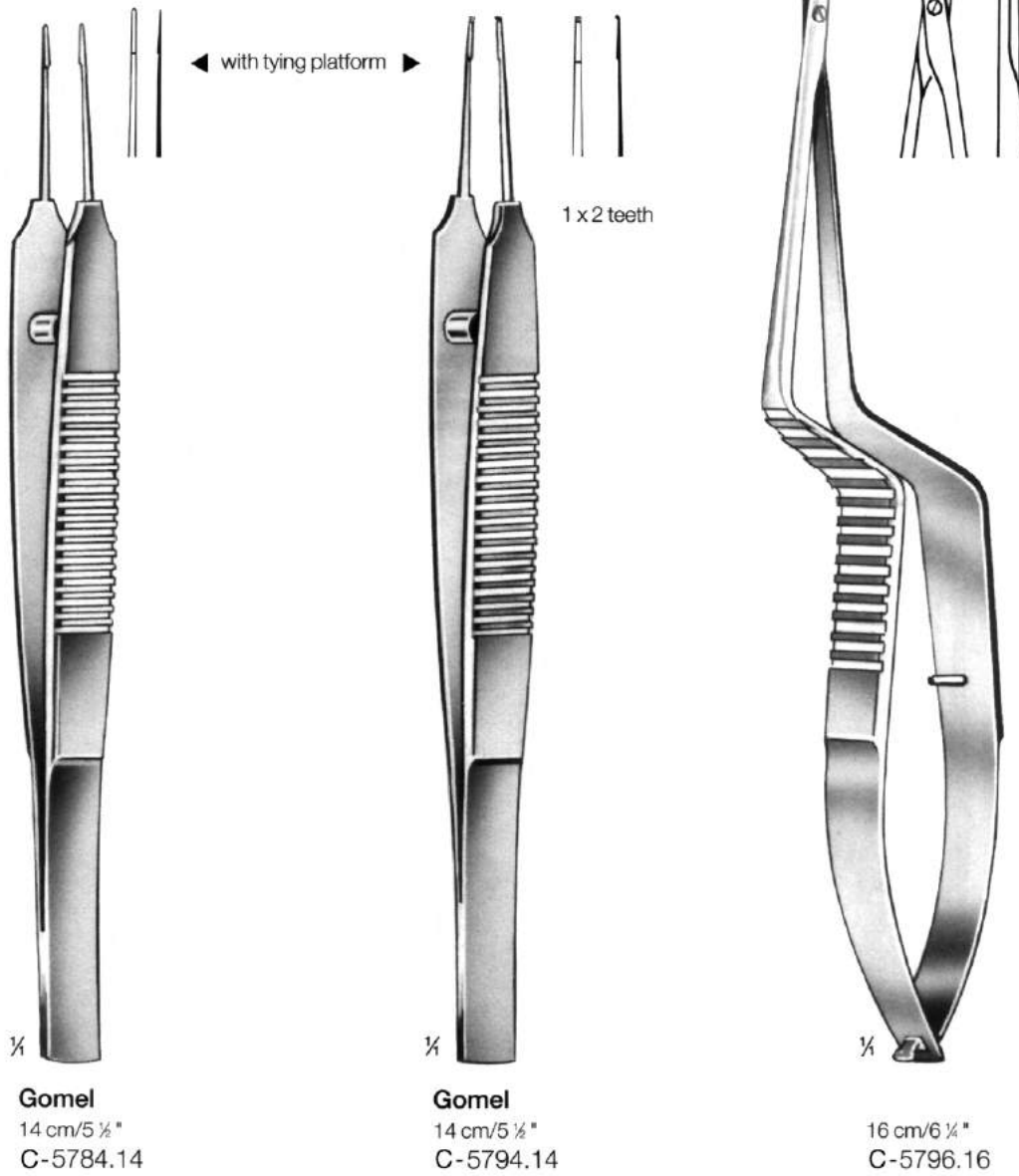
Michel
12 cm/4 3/4"
C-5720.12



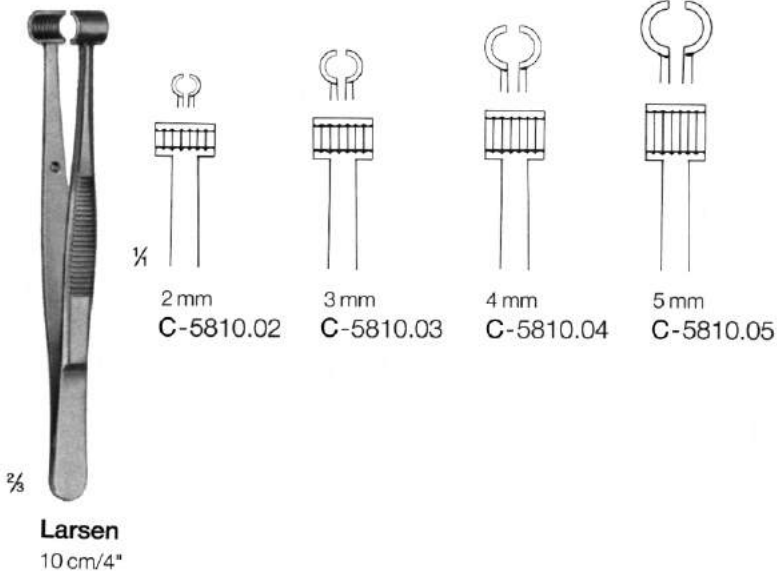
Wachenfeldt
12 cm/4 3/4"
C-5730.12



Ochsner
14,5 cm/5 3/4"
C-5760-14



Hand Surgery – Tendon Grasping Forceps



Sterilizing Forceps



Davis

cm	inch.	
16	6 $\frac{1}{4}$	C-5821.16
20	8	C-5821.20
24	9 $\frac{1}{2}$	C-5821.24



Kühne
 10,5 cm/4 $\frac{1}{4}$ "
 C-5841.10



No. 3
 11,5 cm/4 $\frac{1}{2}$ "
 C-5863.11



No. 4
 11 cm/4 $\frac{1}{4}$ "
 C-5864.11



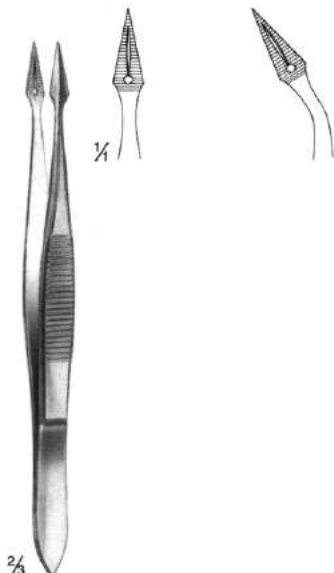
No. 5
 11 cm/4 $\frac{1}{4}$ "
 C-5865.11



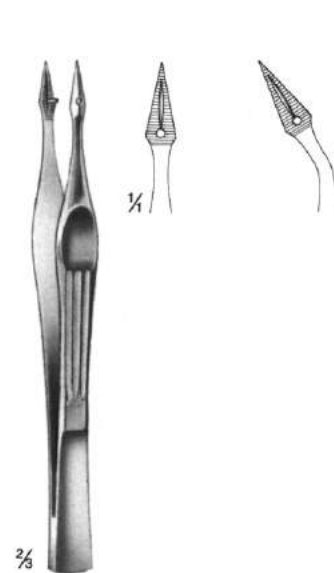
No. 7
 11,5 cm/4 $\frac{1}{2}$ "
 C-5867.11



Feilchenfeld



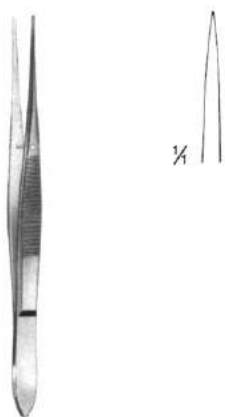
Hunter



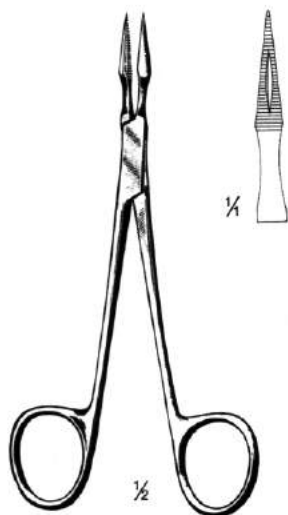
Walter-Carmalt

cm	inch.				
7,5	3	C-5902.07			
9	3 ½	C-5902.09			
10,5	4 ¼		C-5906.10	C-5907.10	C-5908.10 C-5909.10
11,5	4 ½	C-5902.11			

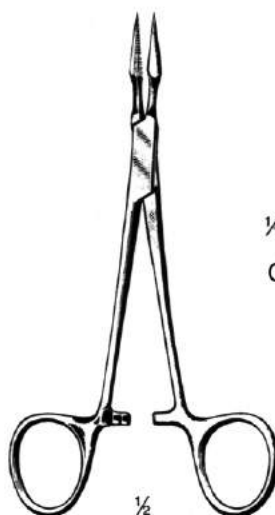
with guide pin



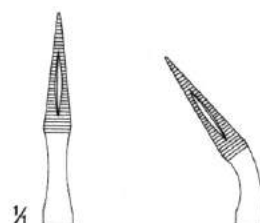
cm	inch.				
8	3 ¼	C-5920.08	C-5921.08	C-5922.08	C-5923.08
9	3 ½	C-5920.09	C-5921.09	C-5922.09	C-5923.09
10,5	4 ¼	C-5920.10	C-5921.10	C-5922.10	C-5923.10
11,5	4 ½	C-5920.11	C-5921.11	C-5922.11	C-5923.11
12,5	5	C-5920.12	C-5921.12	C-5922.12	C-5923.12



Arthur
14 cm/5 1/2"
C-5930.14

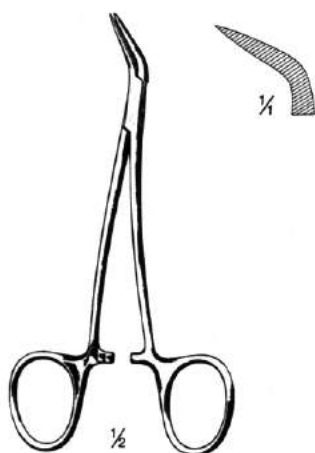


Stieglitz (Williams)
14 cm/5 1/2"



C-5932.14

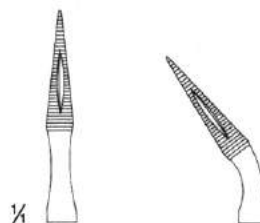
C-5933.14



Peet
11,5 cm/4 1/2"
C-5935.11



Ralks (Virtus)
15 cm/6"



C-5938.15

C-5939.15

Ear and nasal dressing forceps
Pinces auriculaires et nasaux
Pinzas auriculares y nasales

Columella Forceps



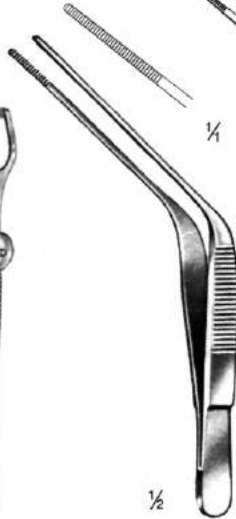
1/2

Masing
 8,5 cm/3 3/8"
 C-5402.85



1/2

Cottle
 11 cm/4 3/8"
 C-5404.11



1/2

Troeltsch (Wilde)
 11 cm/4 1/2"
 C-5607.11



1/2

Troeltsch (Wilde)
 13 cm/5"
 C-5607.13



1/2

Troeltsch
 15 cm/6"
 C-5607.15



1/2

Troeltsch
 13 cm/5"
 C-5611.13



1/2

Lucae
 14 cm/5 1/2"
 C-5655.14



Jansen
 16 cm/6 1/4"
 C-5655.16



Jansen
 19 cm/7 1/2"
 C-5655.19



Lucae
 14 cm/5 1/2"
 C-5663.14

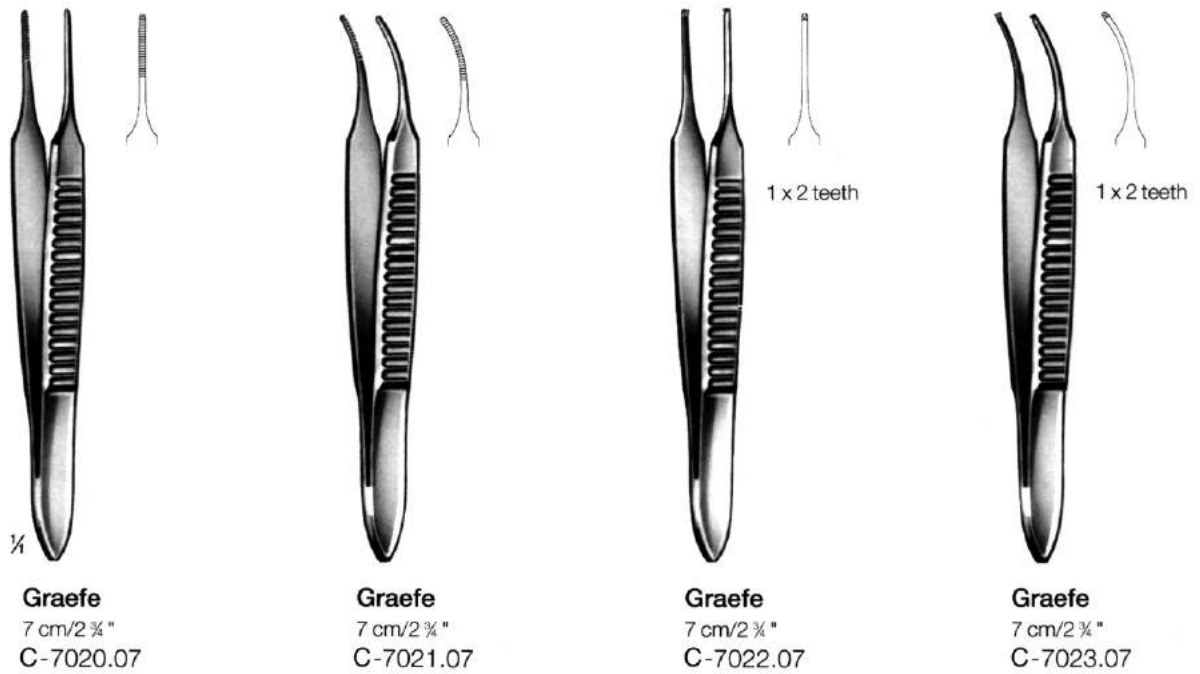
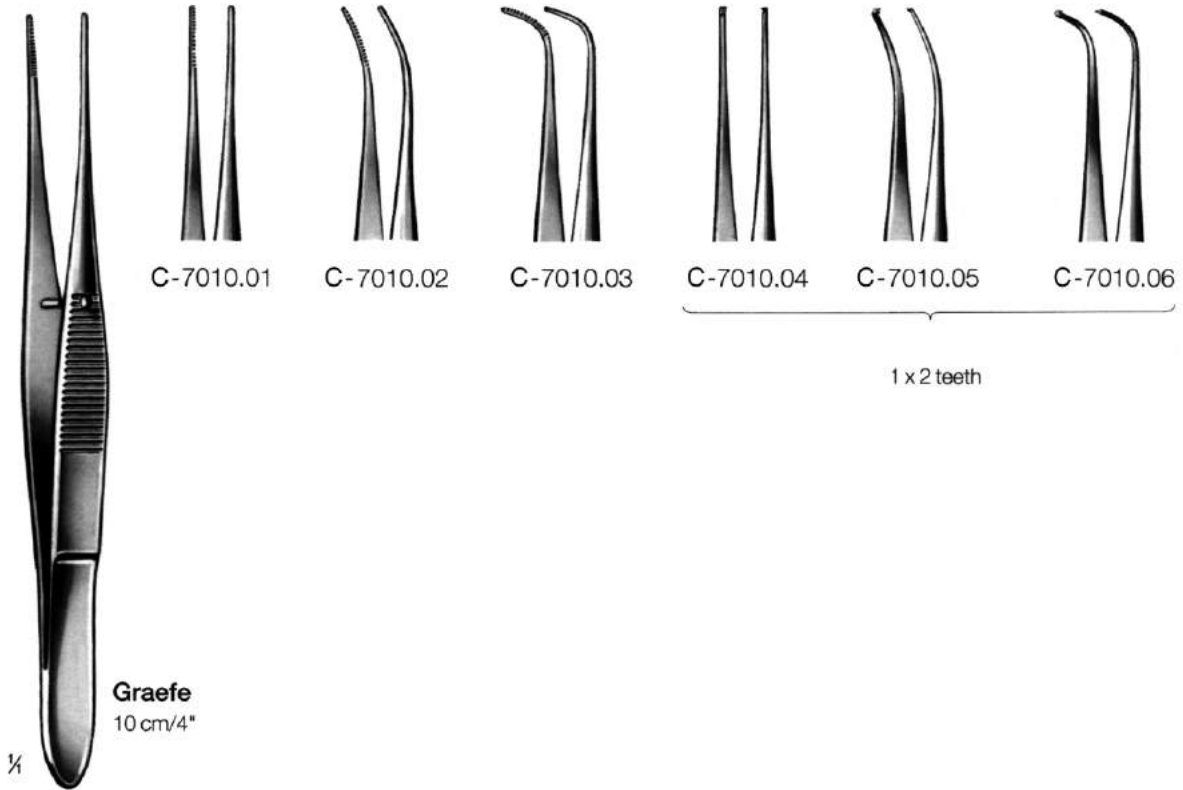


Jansen
 16 cm/6 1/4"
 C-5663.16

1 x 2 Zähne
 1 x 2 teeth
 1 x 2 dientes
 1 x 2 dents

1 x 2 teeth

Iris Forceps





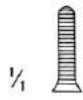
D



- Clamps and forceps
- Pinces et pinces-clamps
- Pinzas y pinzas-clamps



Dieffenbach



38 mm/1 1/2"
D-0010.38



38 mm/1 1/2"
D-0011.38



51 mm/2"
D-0010.51



51 mm/2"
D-0011.51



60 mm/2 1/2"
D-0014.60



60 mm/2 1/2"
D-0015.60



Johns-Hopkins



38 mm/1 1/2"
D-0031.38



51 mm/2"
D-0031.51



57 mm/2 1/4"
D-0031.57



63 mm/2 1/2"
D-0031.63



70 mm/2 3/4"
D-0031.70



75 mm/3"
D-0031.75



90 mm/3 1/2"
D-0031.90

Featherlight Bulldog Clamps



D-0044.31



D-0044.35



D-0044.39



D-0045.30



D-0045.33

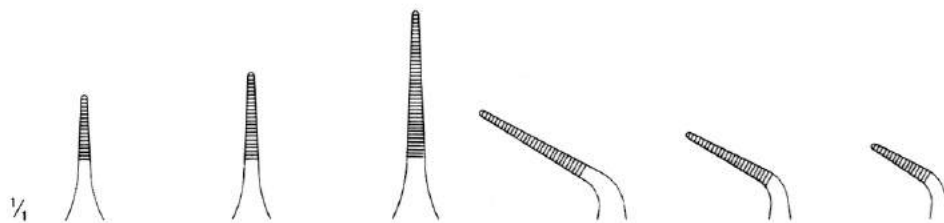


D-0045.36

	D-0044.31	D-0044.35	D-0044.39	D-0045.30	D-0045.33	D-0045.36
Length	31 mm	35 mm	39 mm	30 mm	33 mm	36 mm
Jaws	10 mm	14 mm	18 mm	10 mm	14 mm	18 mm
Weight	1gr.	1gr.	1gr.	1gr.	1gr.	1gr.
Pressure	30 gr.	30 gr.	30 gr.	30 gr.	30 gr.	30 gr.



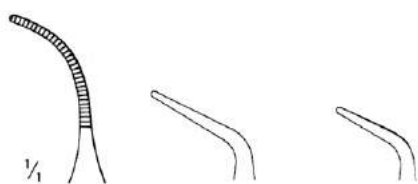
Diethrich



	D-0050.49	D-0050.53	D-0050.59	D-0051.43	D-0051.45	D-0051.50
Length	49 mm	53 mm	59 mm	43 mm	45 mm	50 mm
Jaws	8 mm	12 mm	20 mm	8 mm	12 mm	20 mm
Weight	3 gr.	3 gr.	3 gr.	3 gr.	3 gr.	3 gr.
Pressure	80 gr.	80 gr.	80 gr.	80 gr.	80 gr.	80 gr.



Diethrich



	D-0053.54	D-0055.43	D-0055.49
Length	54 mm	43 mm	49 mm
Jaws	20 mm	13 mm	18 mm
Weight	3 gr.	3 gr.	3 gr.
Pressure	80 gr.	80 gr.	80 gr.



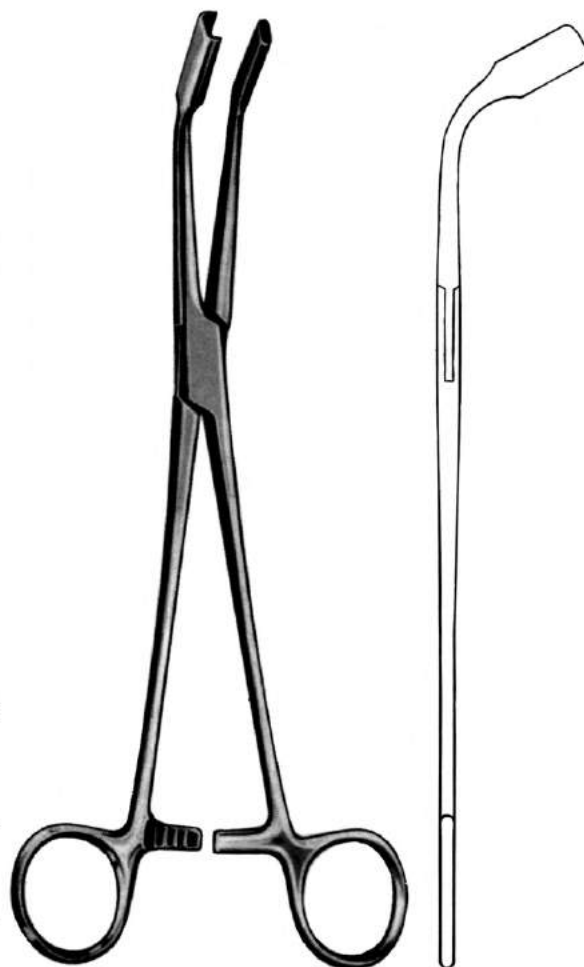
DeBakey-Diethrich



	D-0056.47	D-0056.51	D-0056.57
Length	47 mm	51 mm	57 mm
Jaws	10 mm	14 mm	20 mm
Weight	3 gr.	3 gr.	3 gr.
Pressure	180 gr.	180 gr.	180 gr.



	D-0057.44	D-0057.46	D-0057.49	D-0059.54
Length	44 mm	46 mm	49 mm	54 mm
Jaws	10 mm	14 mm	20 mm	20 mm
Weight	3 gr.	3 gr.	3 gr.	3 gr.
Pressure	180 gr.	180 gr.	180 gr.	180 gr.



Johns-Hopkins
 23 cm/9"
 D-0090.23

Mini bulldog clamps
Mini-clamps bulldog
Mini-clamps bulldog



	D-0064.49	D-0064.54	D-0064.61
	49 mm	54 mm	61 mm
	13 mm	18 mm	25 mm

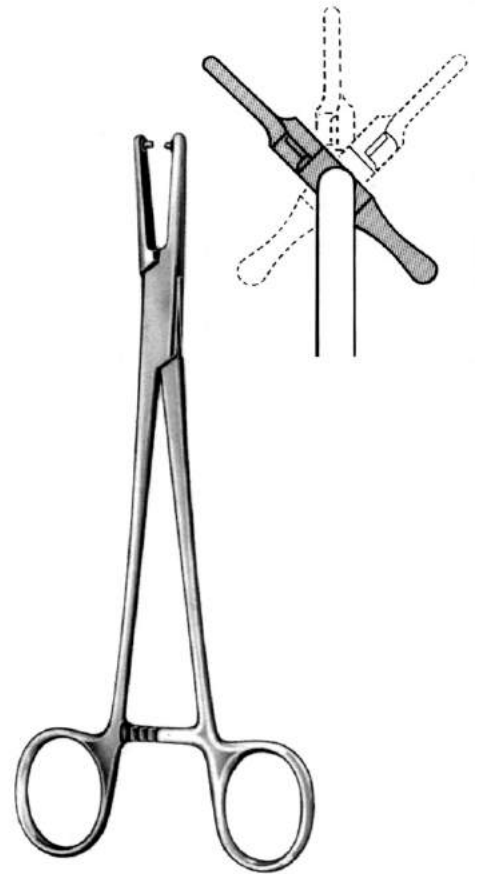


Wickham Mini

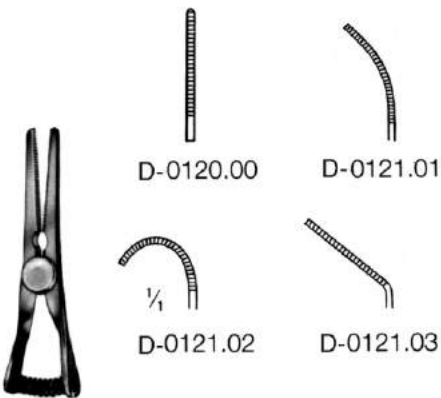
Weight 3 gr.

Pressure 150 gr.

	D-0065.47	D-0065.51	D-0065.55
Length	47 mm	51 mm	55 mm
Jaws	13 mm	18 mm	25 mm



Wickham
 24 cm/9 1/2"
 D-0092.24



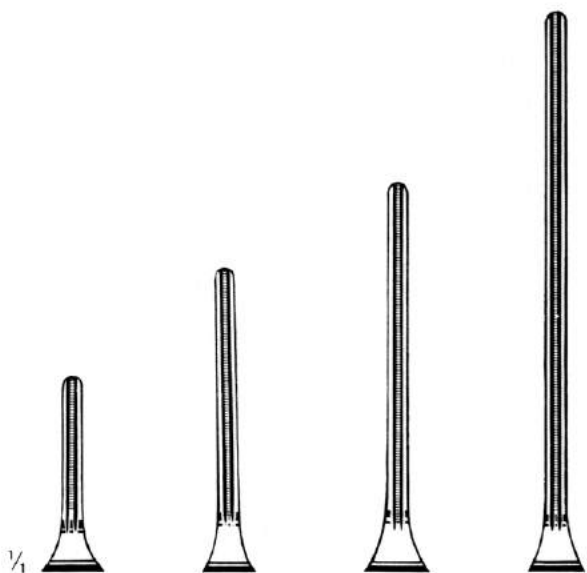
Mini-Glover (Weldon)

Overall length (mm)	Jaw length (mm)	Weight (g)
35	14	12

Mini bulldog clamps
 Mini-clamps bulldog
 Mini-clamps bulldog



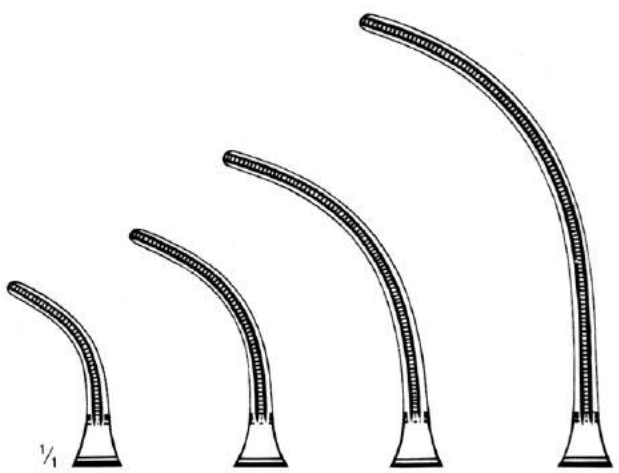
DeBakey



	D-0070.08	D-0070.09	D-0070.10	D-0070.12
Overall length	80 mm	90 mm	105 mm	125 mm
Jaw length	20 mm	30 mm	45 mm	68 mm
Weight	10 gr.	11 gr.	12 gr.	14 gr.

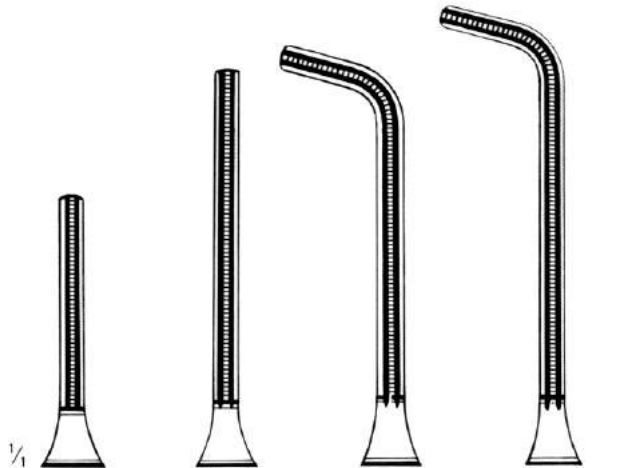


DeBakey



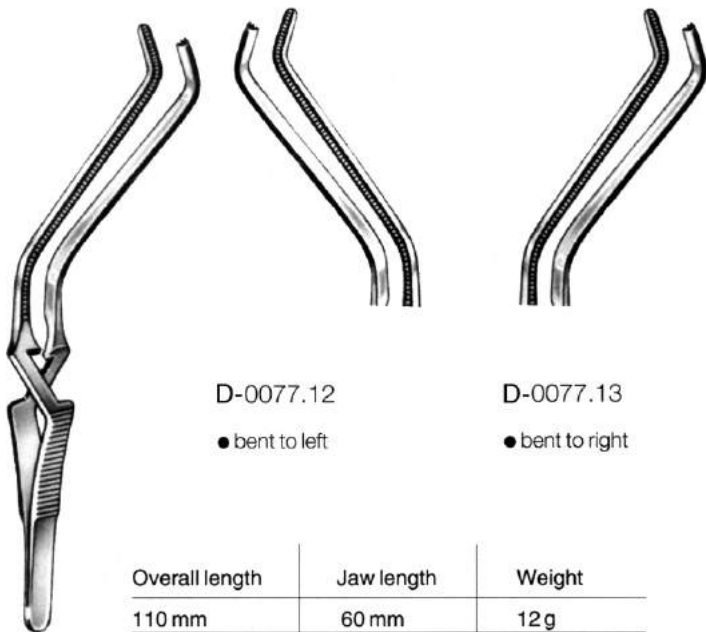
	D-0071.08	D-0071.09	D-0071.10	D-0071.12
Overall length	75 mm	85 mm	95 mm	115 mm
Jaw length	20 mm	30 mm	45 mm	68 mm
Weight	10 gr.	11 gr.	12 gr.	14 gr.

Mini bulldog clamps
Mini-clamps bulldog
Mini-clamps bulldog



	D-0076.09	D-0076.11	D-0077.10	D-0077.11
Overall length	90 mm	110 mm	105 mm	110 mm
Jaw length	27 mm	44 mm	55 mm	60 mm
Weight	11 gr.	12 gr.	12 gr.	12 gr.

"Soft" Bulldog Clamps



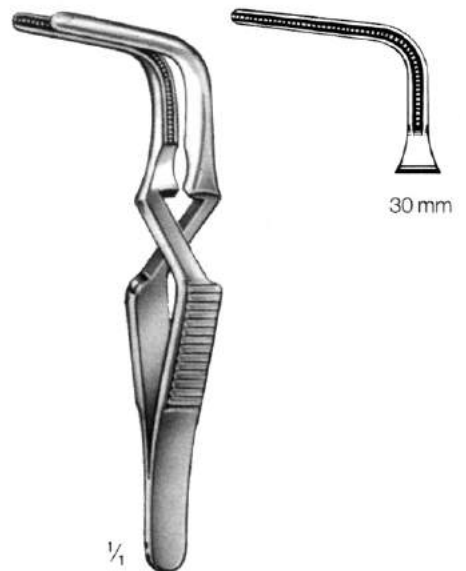
D-0077.12

● bent to left

D-0077.13

● bent to right

Overall length	Jaw length	Weight
110 mm	60 mm	12 g

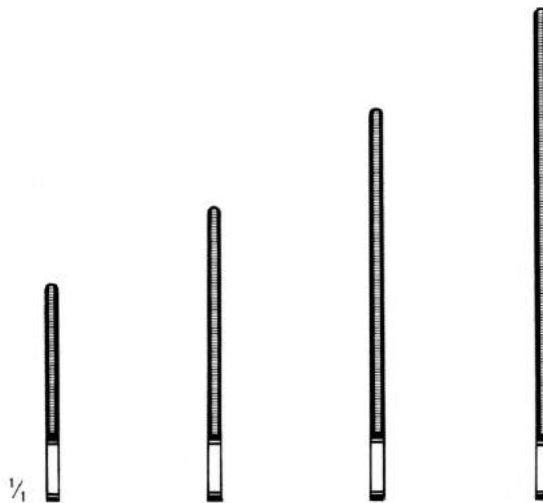


1/4

Santulli
 7 cm 2 3/4"
 D-0071.70

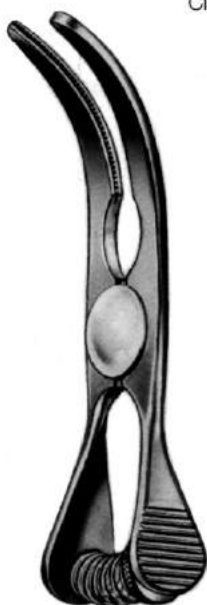


Glover

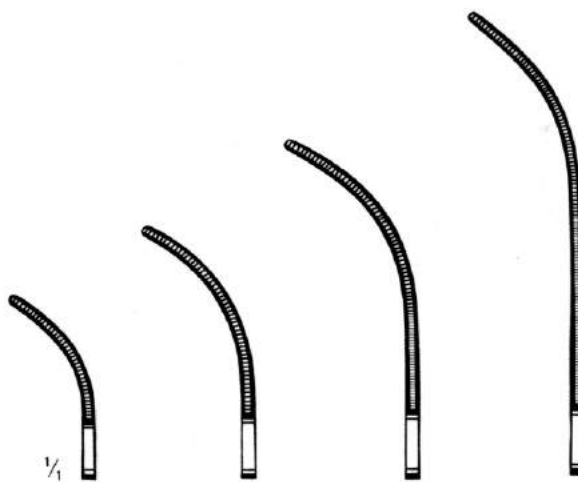


	D-0150.05	D-0150.07	D-0150.09	D-0150.11
Overall length	50 mm	68 mm	85 mm	105 mm
Jaw length	20 mm	30 mm	43 mm	56 mm
Weight	5 gr.	9 gr.	12 gr.	14 gr.

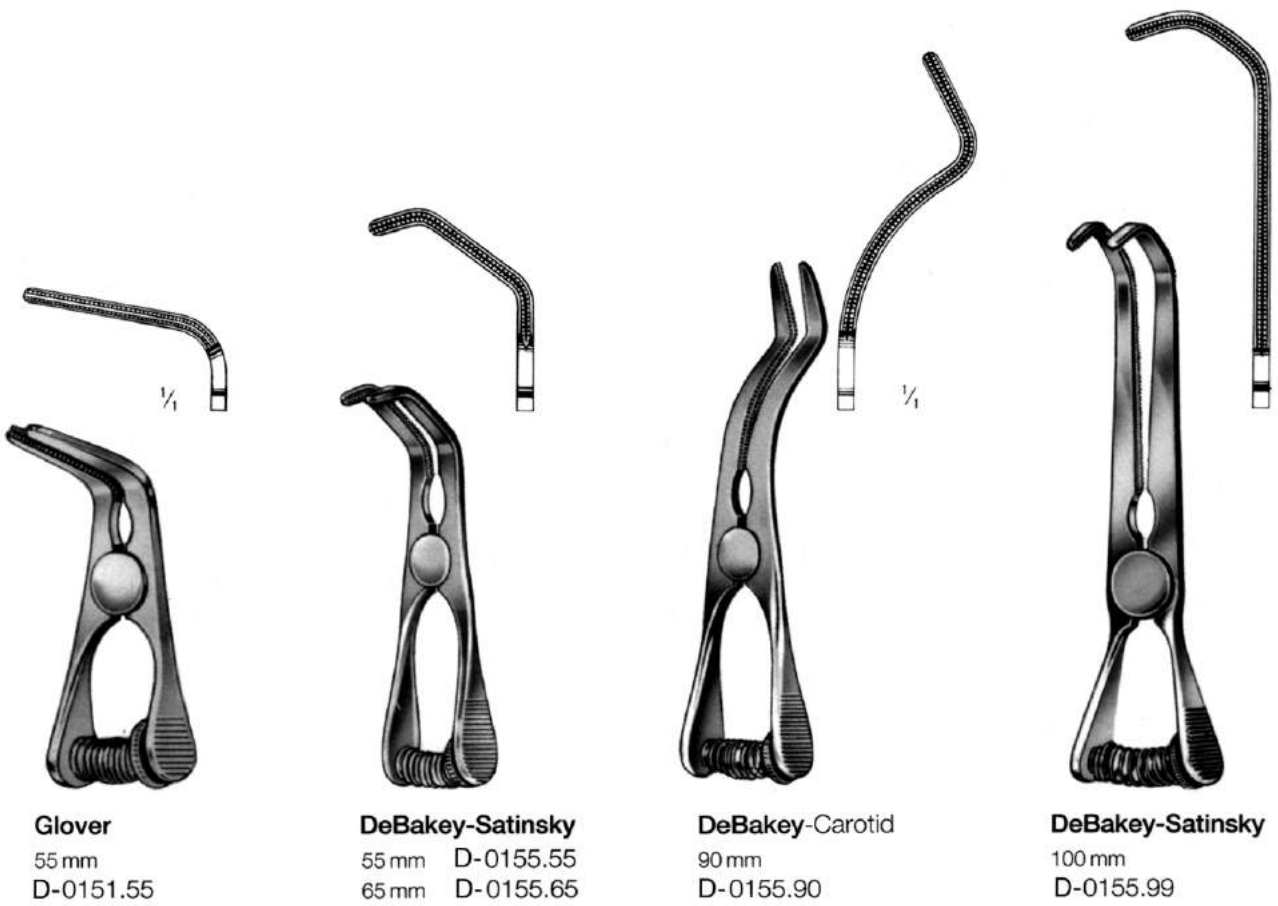
Closing pressure adjustable



Glover



	D-0151.05	D-0151.07	D-0151.08	D-0151.10
Overall length	46 mm	64 mm	78 mm	100 mm
Jaw length	20 mm	30 mm	43 mm	56 mm
Weight	5 gr.	9 gr.	12 gr.	14 gr.





Schwartz
 19 cm/7 1/2"
 D-570.19



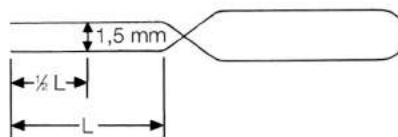
D-571/01



D-571/02



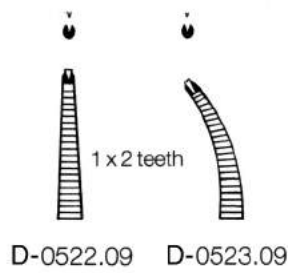
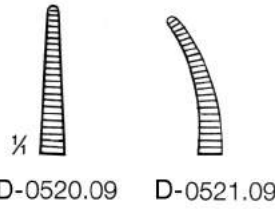
D-571/03



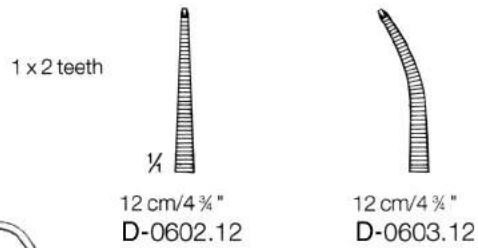
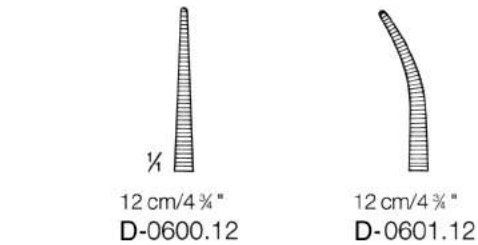
Fine hemostatic forceps
Pinces hémostatiques fins
Pinzas hemostáticas finas



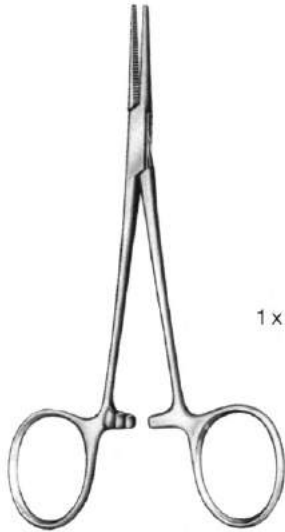
**Hartmann
 (Baby-Mosquito)**
 9,5 cm/3 7/8"



Micro-Mosquito



Fine hemostatic forceps
Pinces hémostatiques fins
Pinzas hemostáticas finas



Halsted-Mosquito

1 x 2 teeth



12,5 cm/5"
D-0620.12



14 cm/5 1/2"
D-0620.14



12,5 cm/5"
D-0621.12



14 cm/5 1/2"
D-0621.14



12,5 cm/5"
D-0622.12



14 cm/5 1/2"
D-0622.14



12,5 cm/5"
D-0623.12



14 cm/5 1/2"
D-0623.14



Halsted-Mosquito

1 x 2 teeth



18 cm/7"
D-0620.18



21 cm/8 1/4"
D-0620.21



18 cm/7"
D-0621.18



21 cm/8 1/4"
D-0621.21



18 cm/7"
D-0622.18



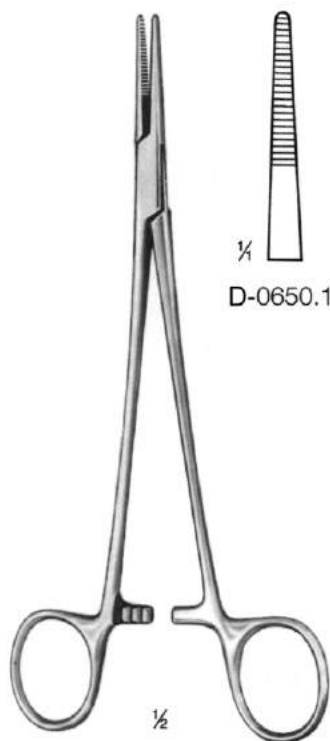
21 cm/8 1/4"
D-0622.21



18 cm/7"
D-0623.18



21 cm/8 1/4"
D-0623.21

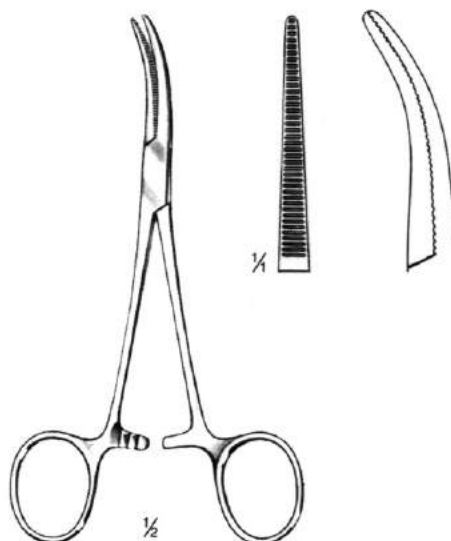


$\frac{1}{4}$
 D-0650.19

D-0651.19

$\frac{1}{2}$

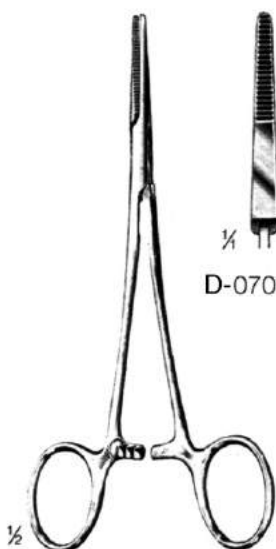
Adson
 19 cm/7 $\frac{1}{2}$ "



$\frac{1}{4}$

$\frac{1}{2}$

Dandy
 14 cm/5 $\frac{1}{2}$ "
 D-0671.14

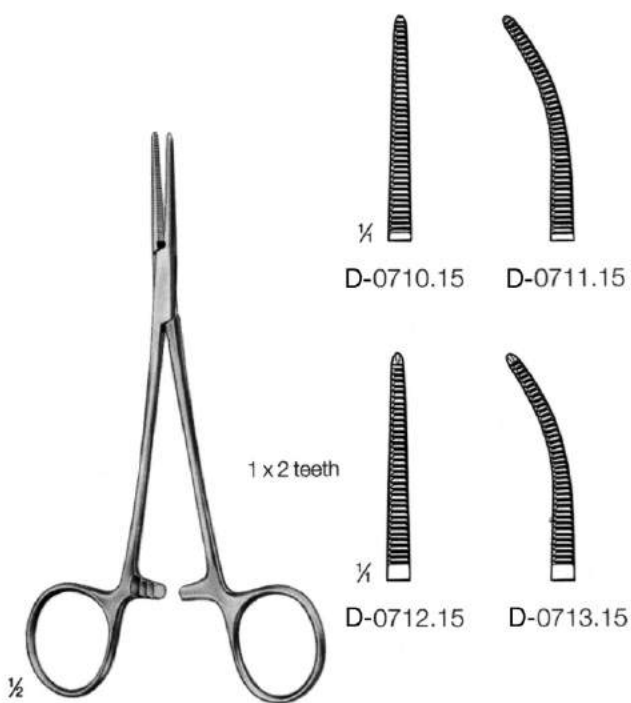


$\frac{1}{4}$
 D-0700.14

D-0701.14

$\frac{1}{2}$

Providence-Hospital
 14 cm/5 $\frac{1}{2}$ "



$\frac{1}{4}$
 D-0710.15

D-0711.15

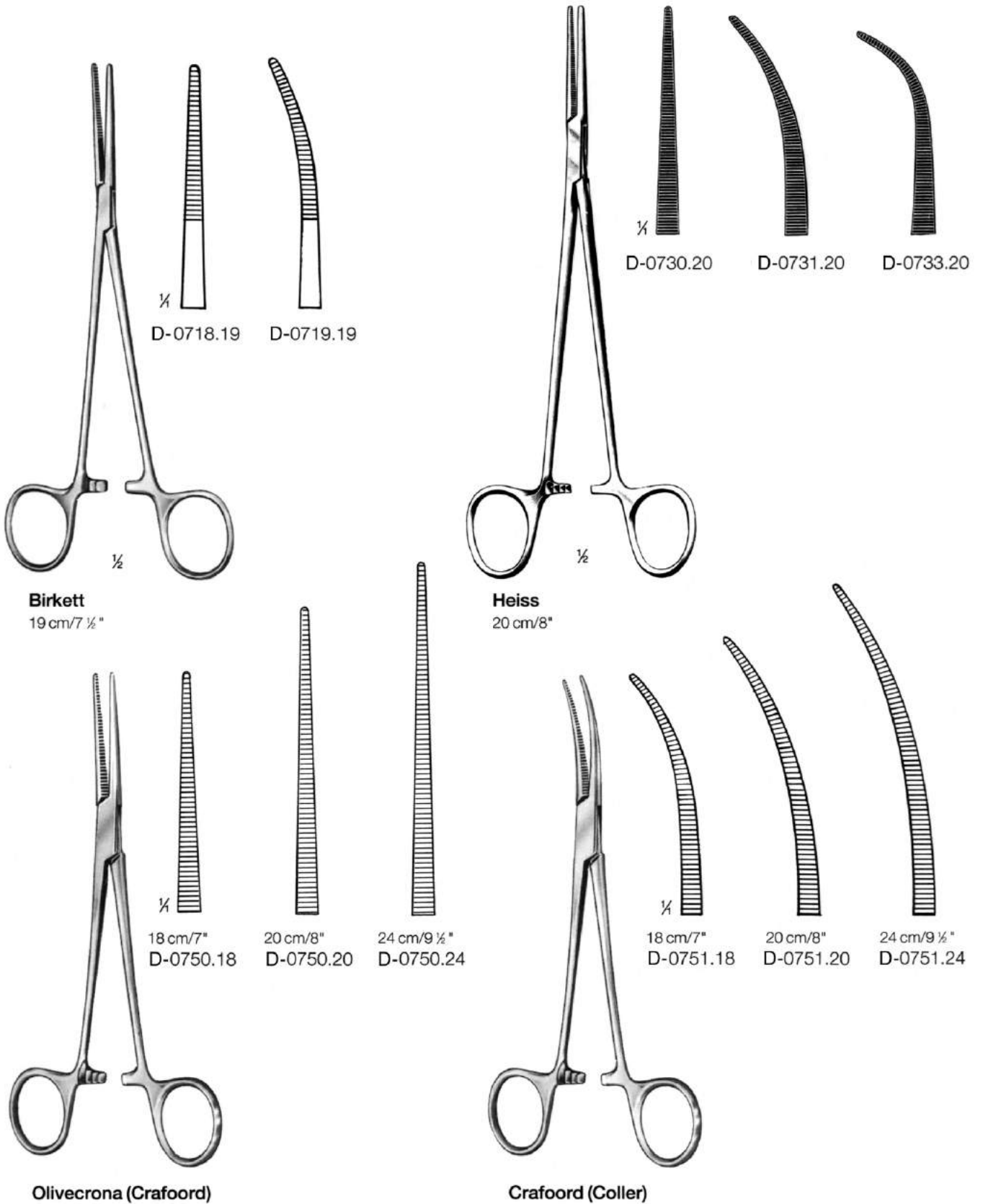
1 x 2 teeth

$\frac{1}{4}$
 D-0712.15

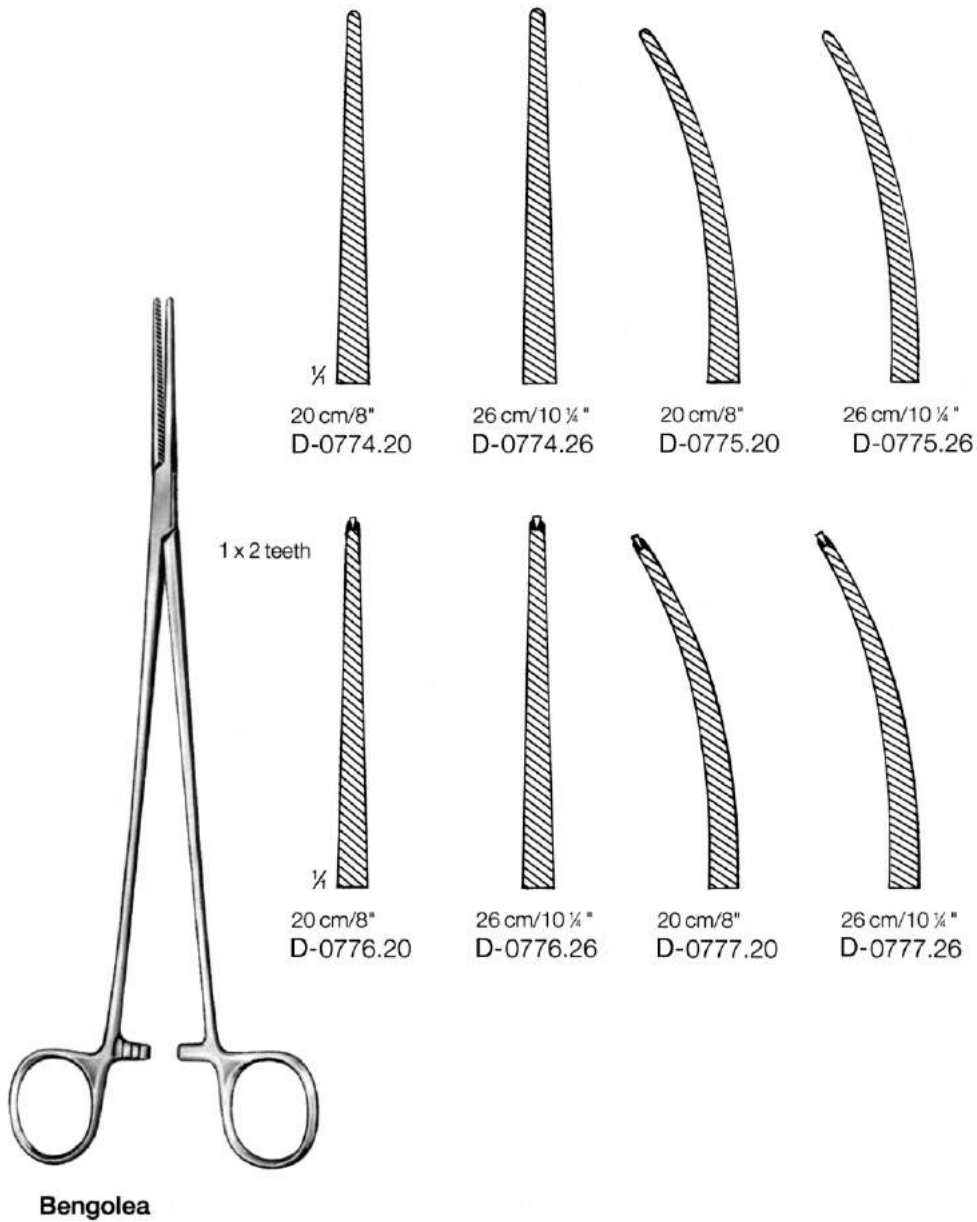
D-0713.15

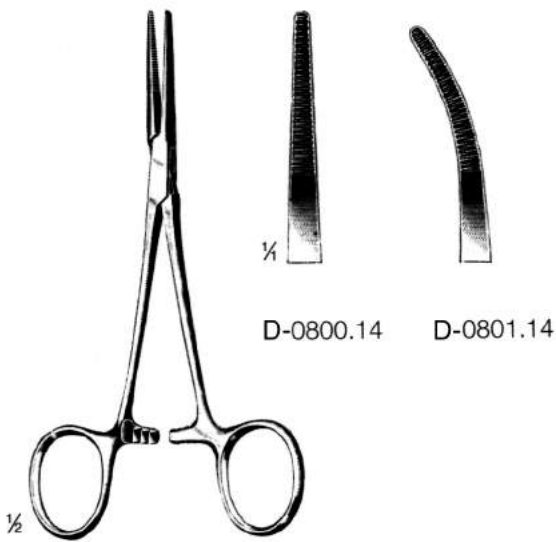
$\frac{1}{2}$

Leriche
 15 cm/6"

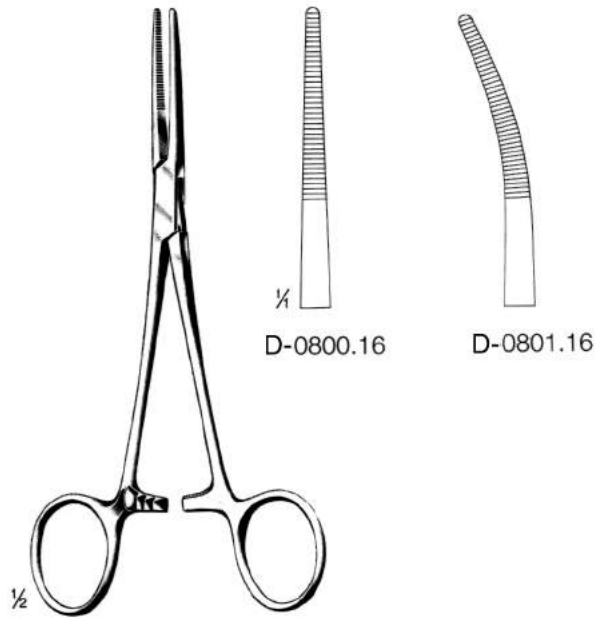


Fine hemostatic forceps
Pinces hémostatiques fins
Pinzas hemostáticas finas

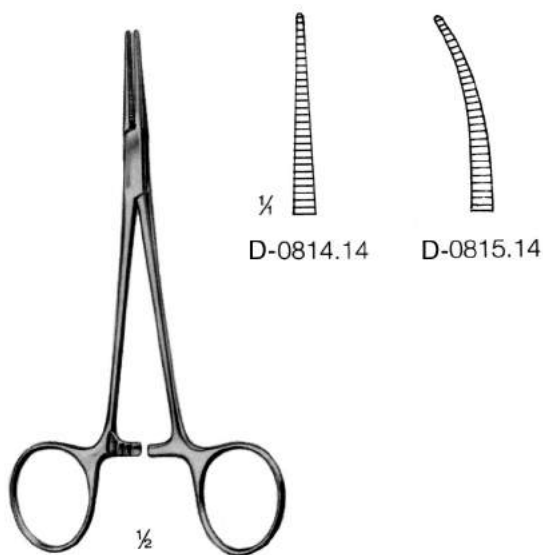




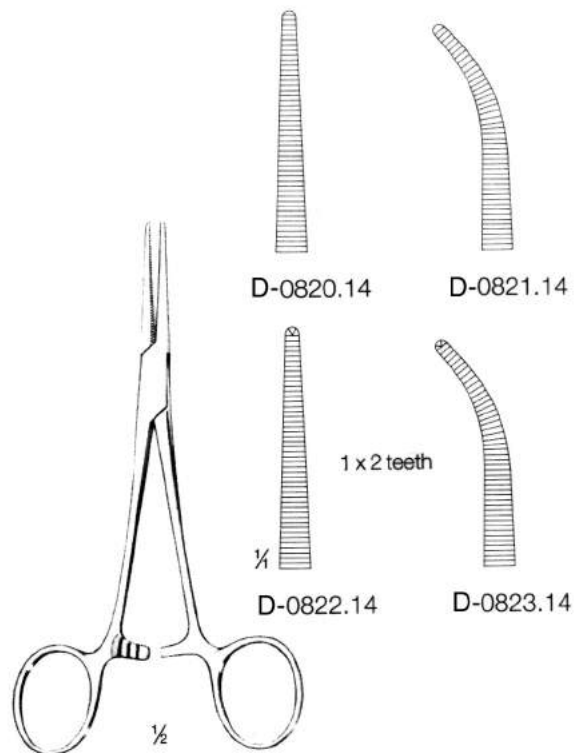
Kelly
 14 cm/5 $\frac{1}{2}$ "



Rankin-Kelly
 16 cm/6 $\frac{1}{4}$ "



Baby-Crile
 14 cm/5 $\frac{1}{2}$ "

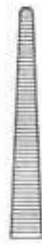


Crile
 14 cm/5 $\frac{1}{2}$ "

Hemostatic Forceps
Pinces hémostatiques
Pinzas hemostáticas



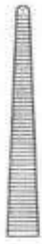
Rankin-Crile
 16 cm/6.25"



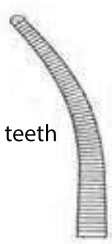
D-0820.16



D-0821.16



D-0822.16



D-0823.16

1 x 2 teeth



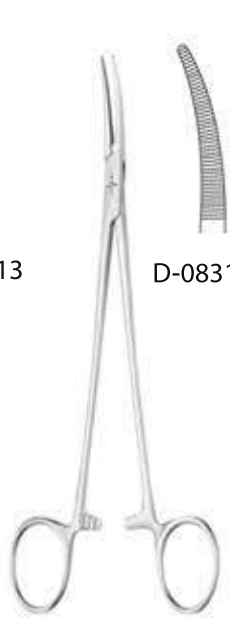
Dunhill
 13 cm/5.2"



D-0830.13



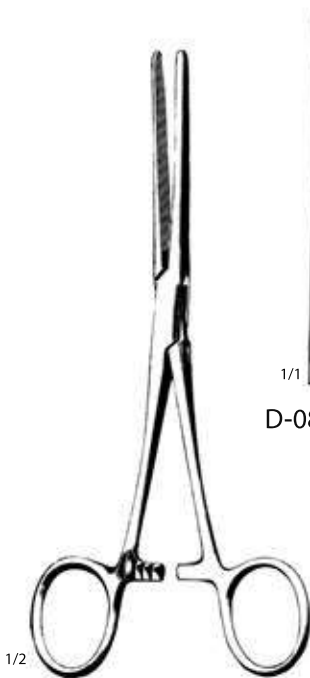
D-0831.13



Fraser-Kelly
 18 cm/7"



D-0831.18



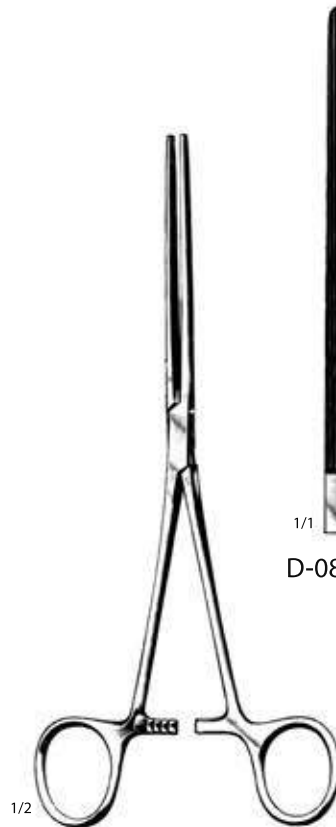
Bainbridge
 15 cm/6"



D-0840.15



D-0841.15



Bainbridge
 18.5 cm/7.25"



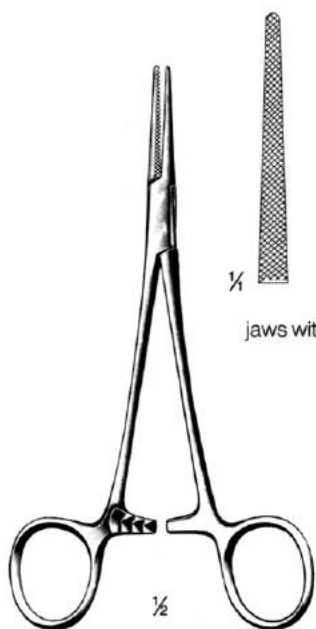
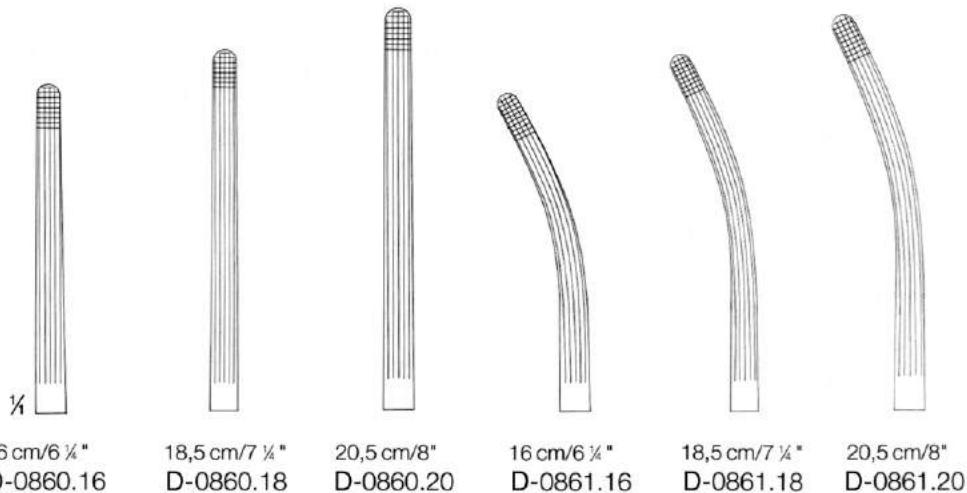
D-0840.18



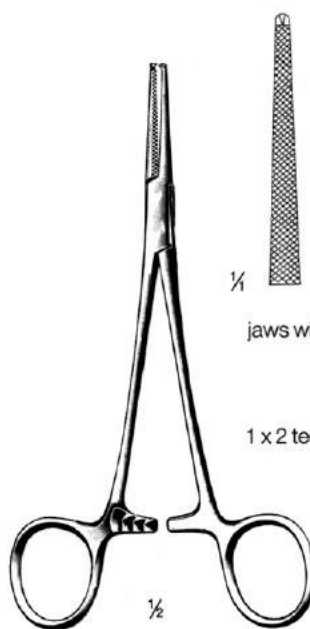
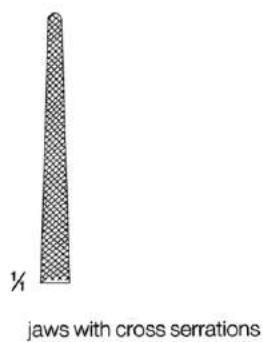
D-0841.18



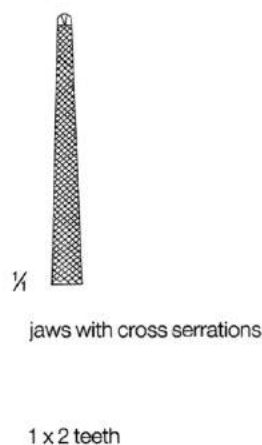
Rochester-Carmalt

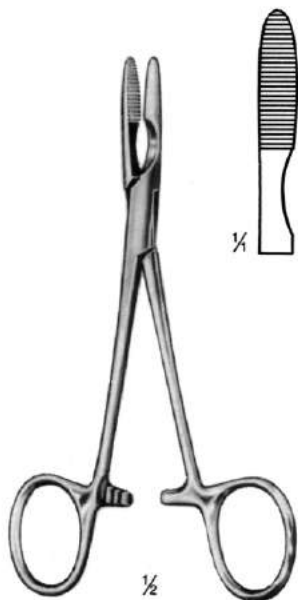


Dixon-Lovelace
 16 cm/6 ¼"
 D-0870.16

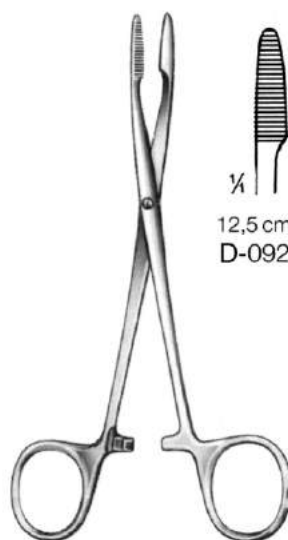


Dixon-Lovelace
 16 cm/6 ¼"
 D-0872.16





Péan
 14,5 cm/5 7/8"
 D-0920.14



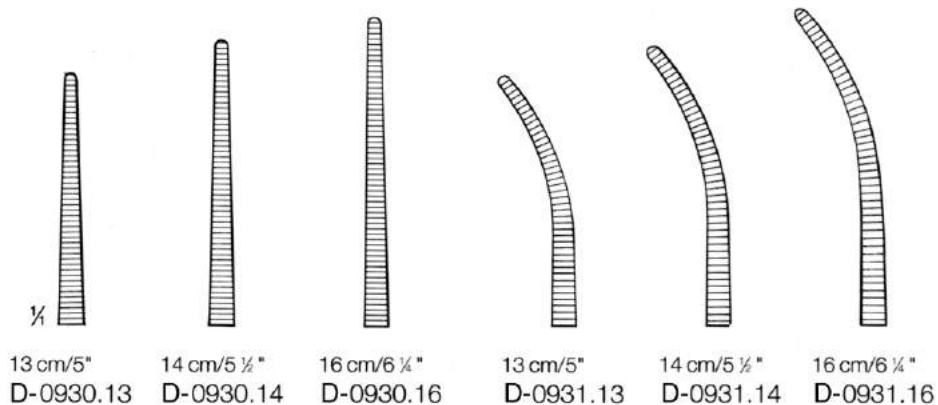
12,5 cm/5"
 D-0924.12

14 cm/5 1/2"
 D-0924.14

16 cm/6 1/4"
 D-0924.16



Péan



13 cm/5"
 D-0930.13

14 cm/5 1/2"
 D-0930.14

16 cm/6 1/4"
 D-0930.16

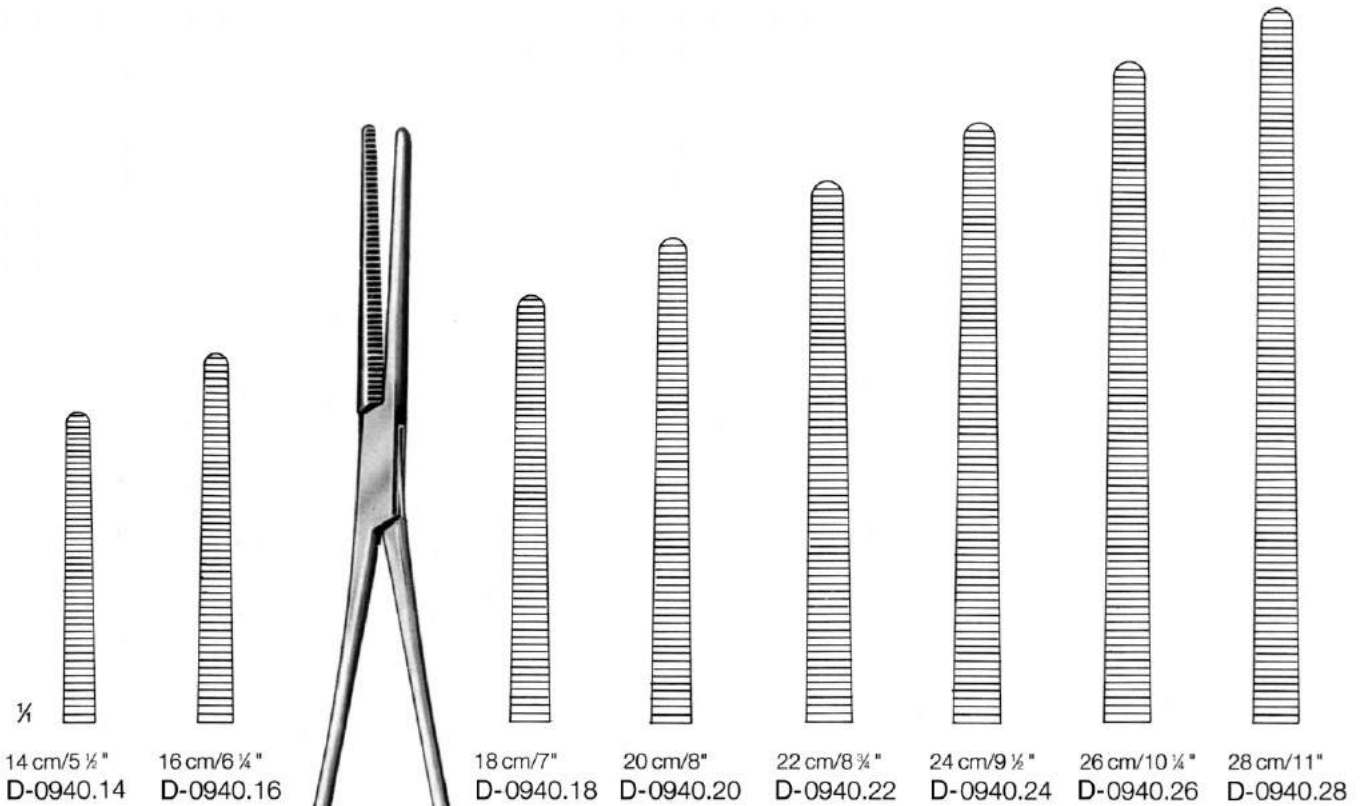
13 cm/5"
 D-0931.13

14 cm/5 1/2"
 D-0931.14

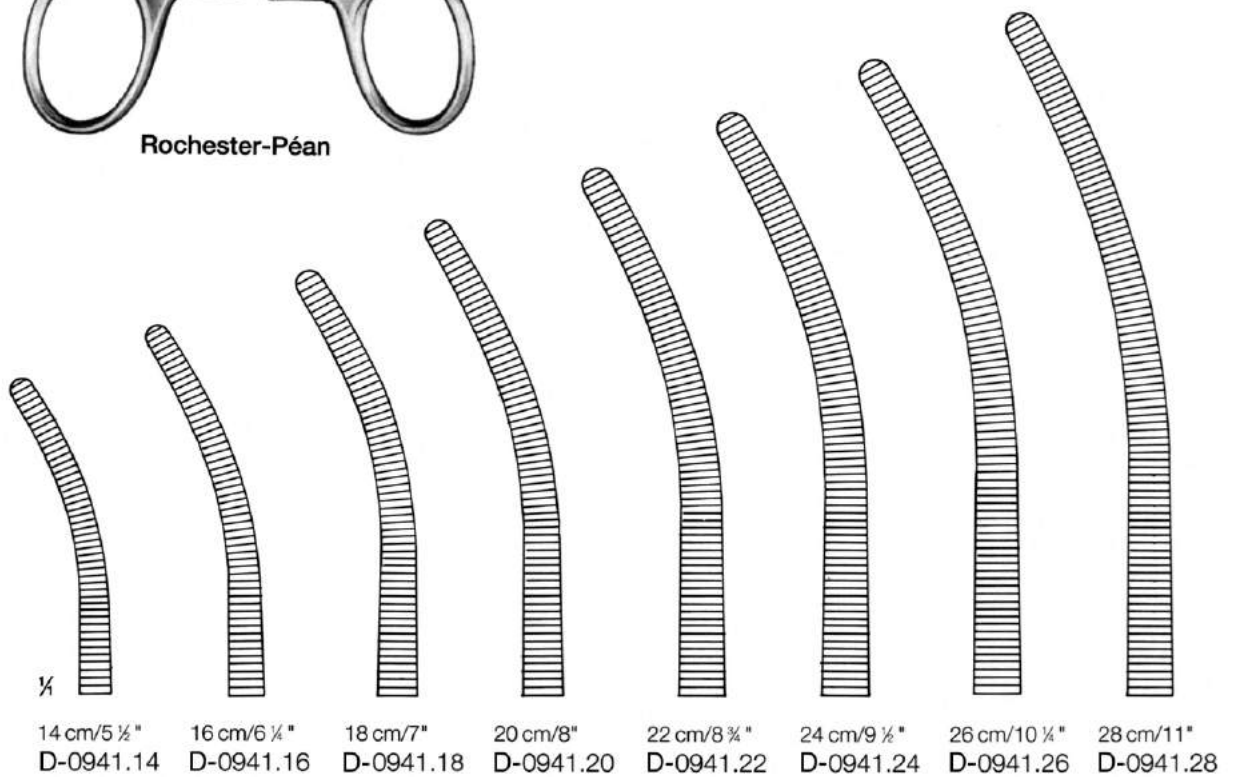
16 cm/6 1/4"
 D-0931.16

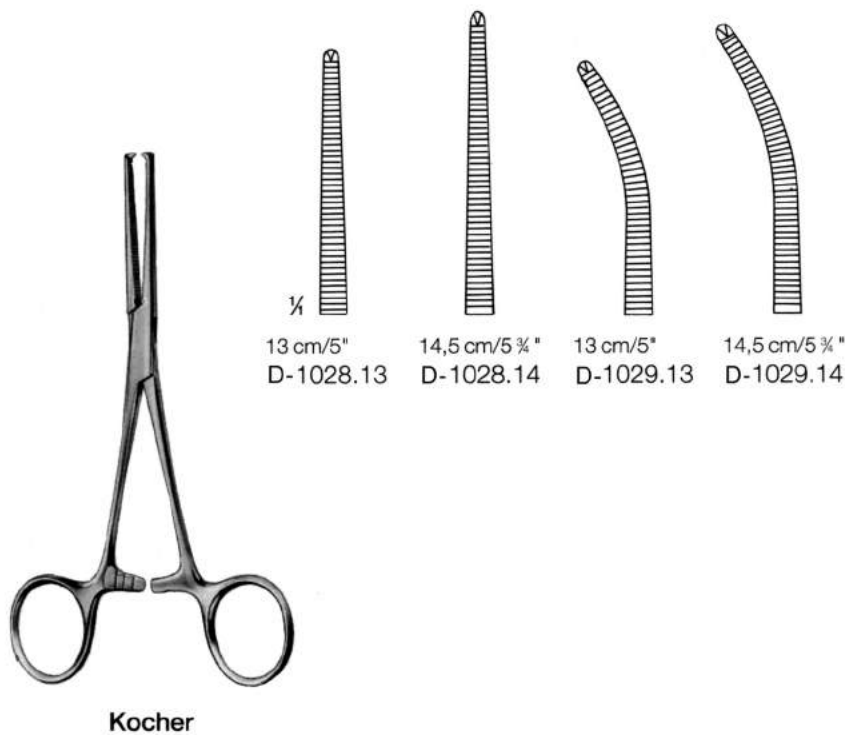
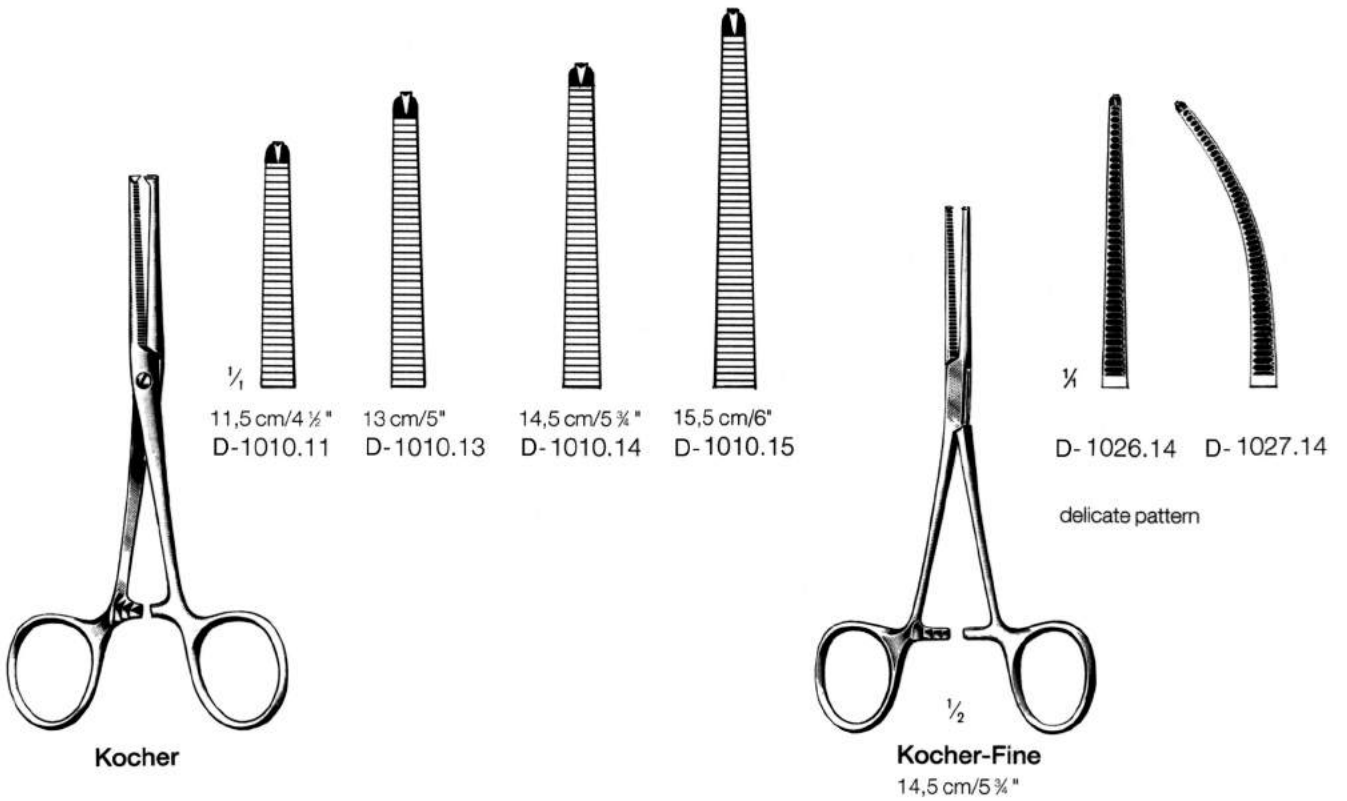
Delicate pattern

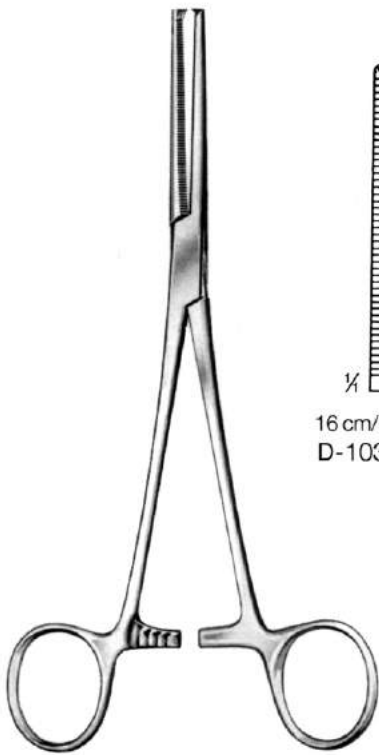
Hemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas



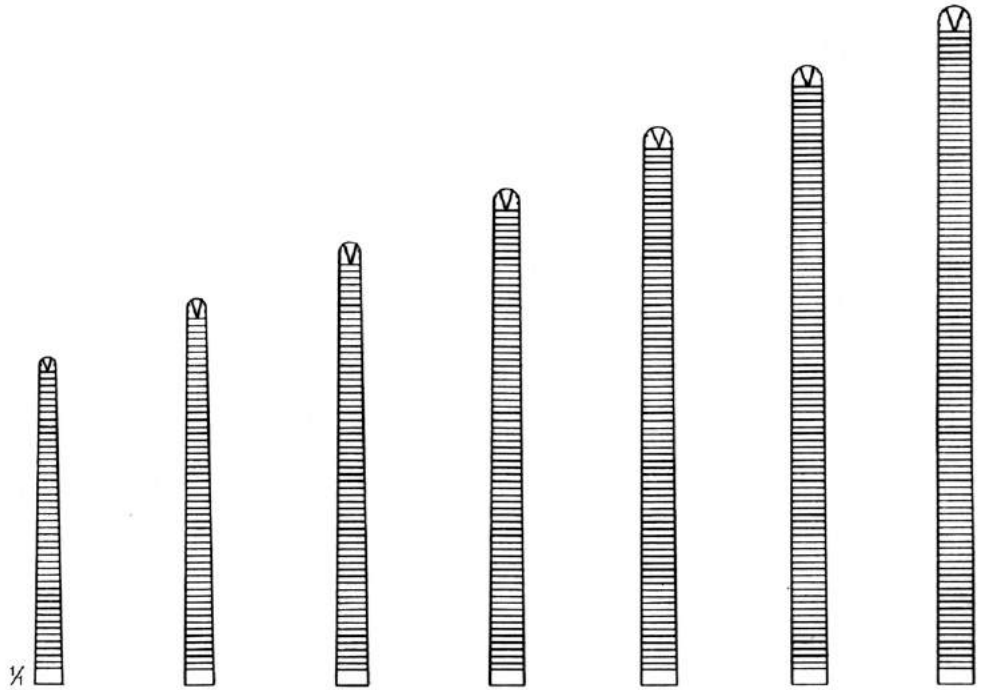
Rochester-Péan



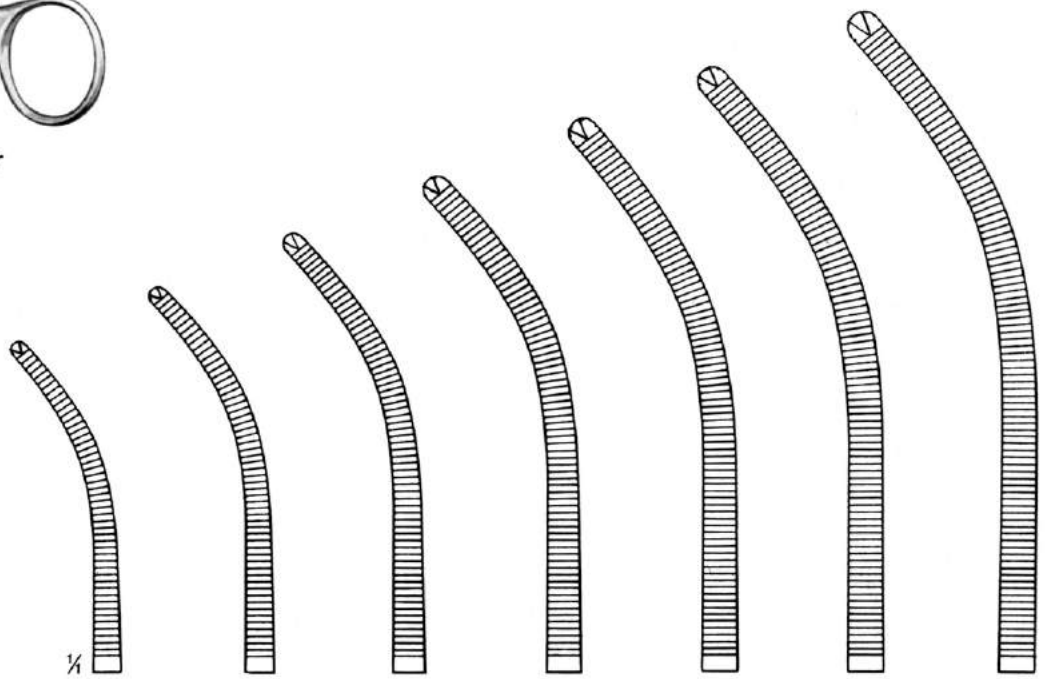




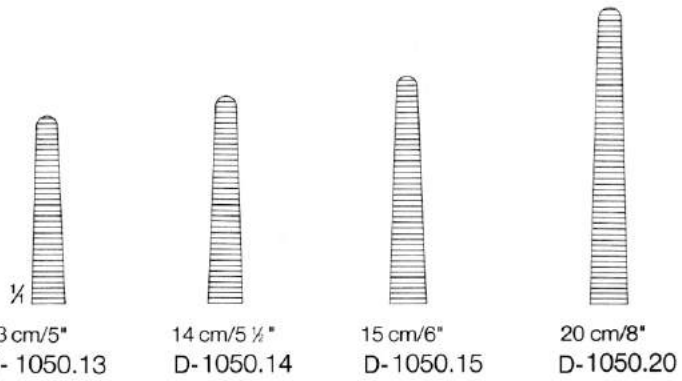
Rochester-Ochsner



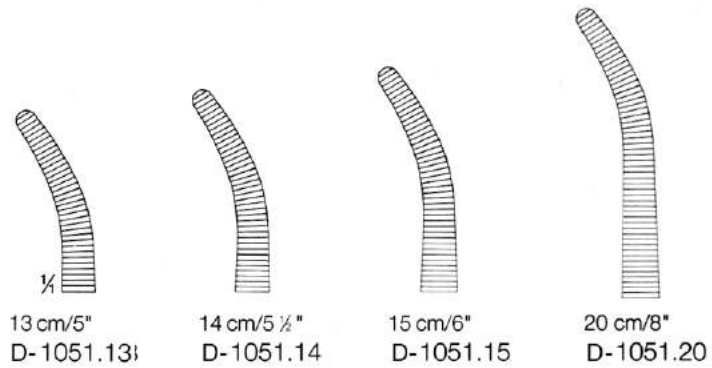
- | | | | | | | |
|--------------|-----------|------------|--------------|--------------|---------------|-----------|
| 16 cm/6 1/4" | 18 cm/7" | 20 cm/8" | 22 cm/8 3/4" | 24 cm/9 1/2" | 26 cm/10 1/4" | 28 cm/11" |
| D-1030.16 | D-1030.18 | D-1030.20) | D-1030.22 | D-1030.24 | D-1030.26 | D-1030.28 |



- | | | | | | | |
|--------------|-----------|-----------|--------------|--------------|---------------|-----------|
| 16 cm/6 1/4" | 18 cm/7" | 20 cm/8" | 22 cm/8 3/4" | 24 cm/9 1/2" | 26 cm/10 1/4" | 28 cm/11" |
| D-1031.16 | D-1031.18 | D-1031.20 | D-1031.22 | D-1031.24 | D-1031.26 | D-1031.28 |



Spencer-Wells (Jones)





Zenker
 30 cm/12"



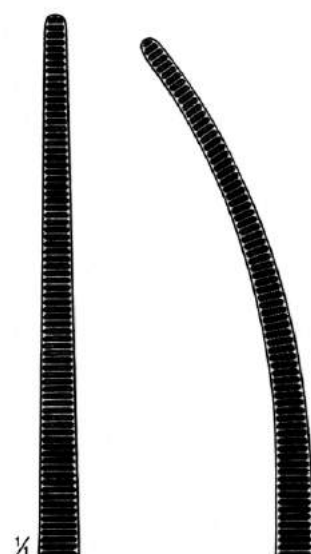
D-1059.01

D-1059.02

Thoracic Artery Forceps

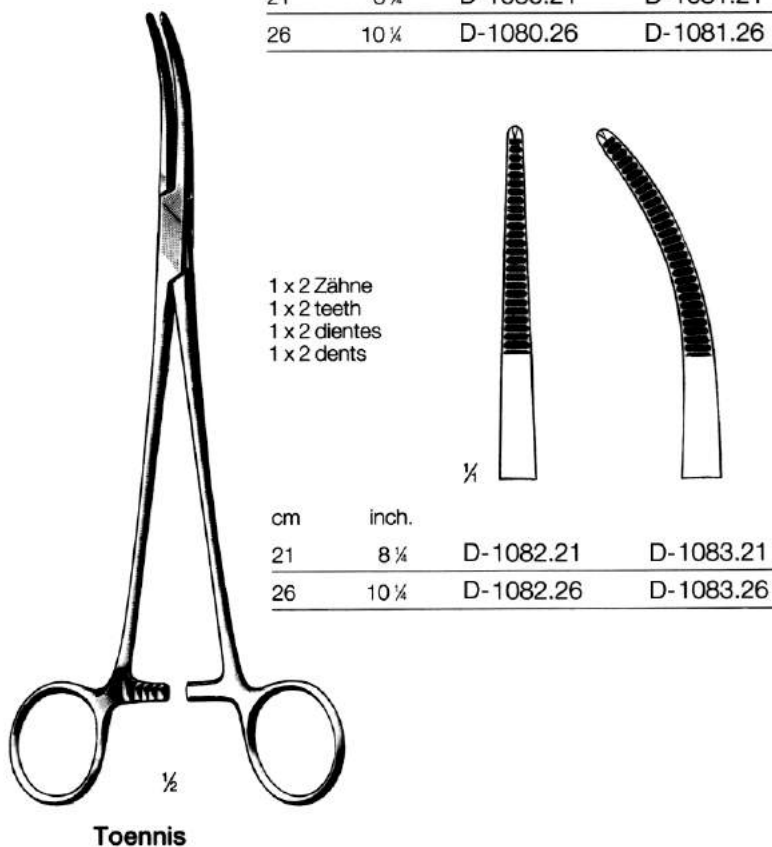
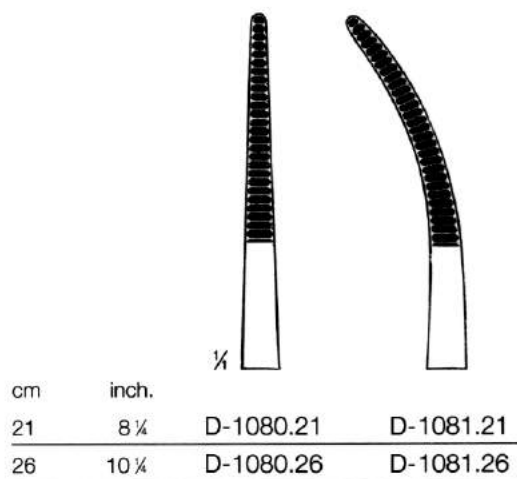
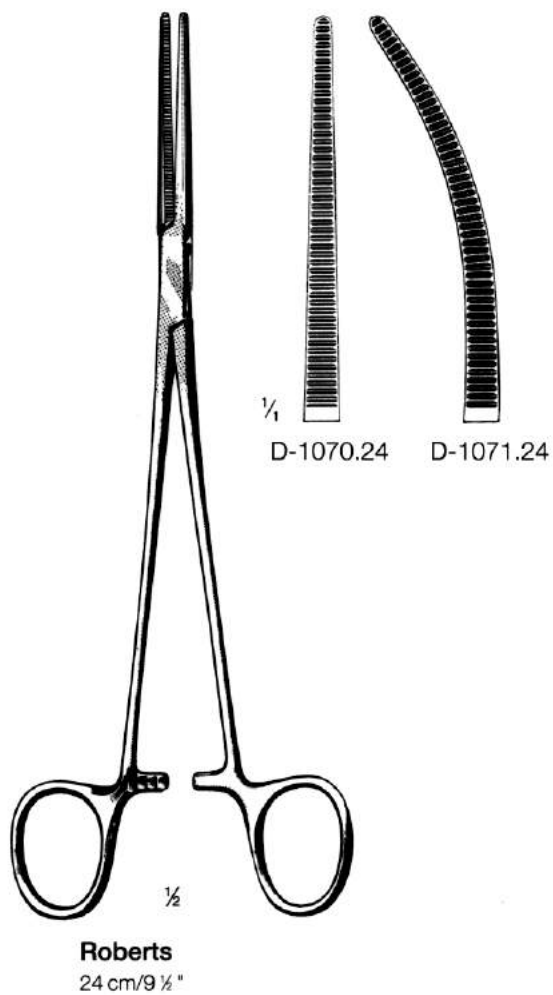


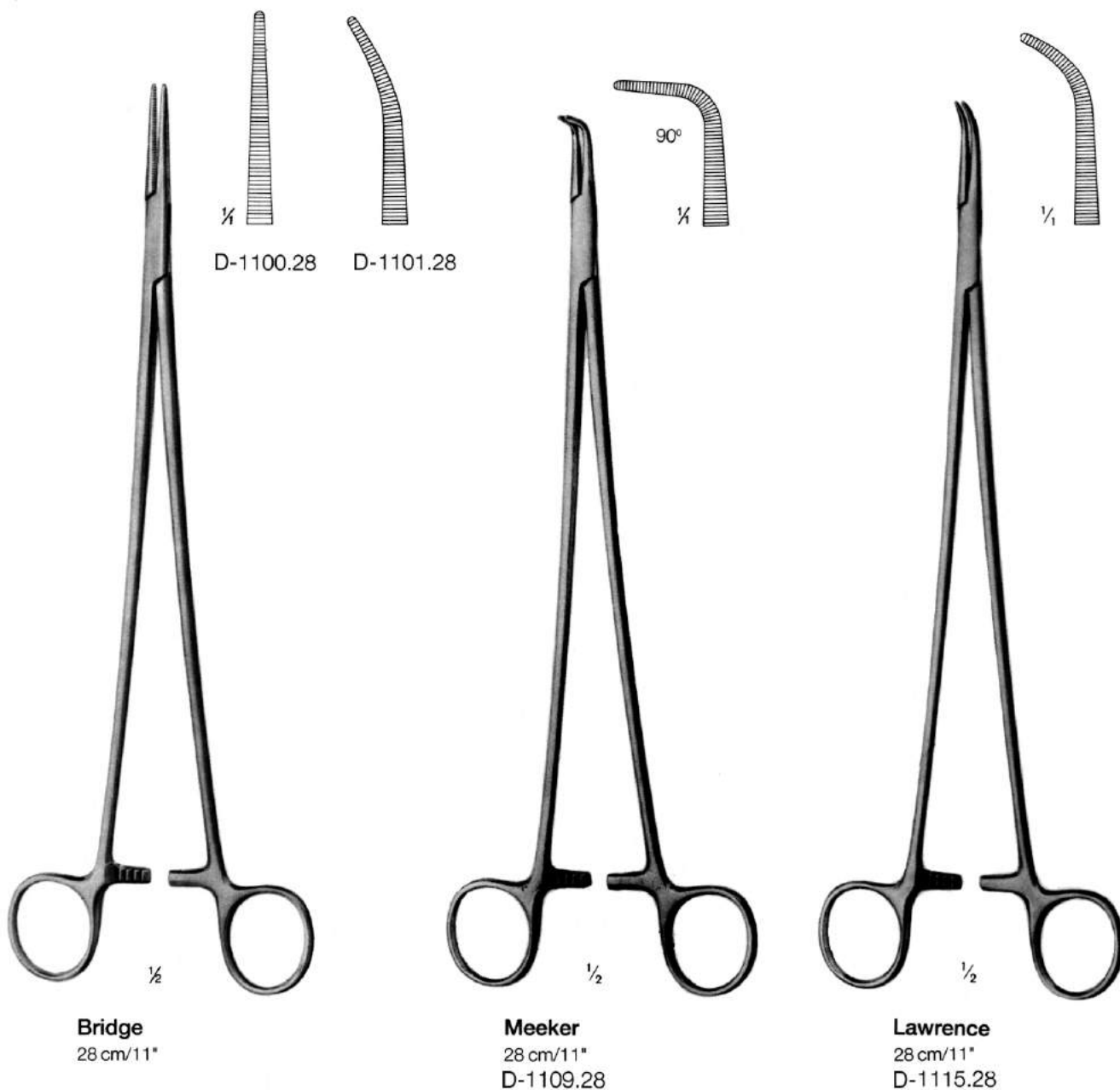
Sarot
 24 cm/9 1/2"

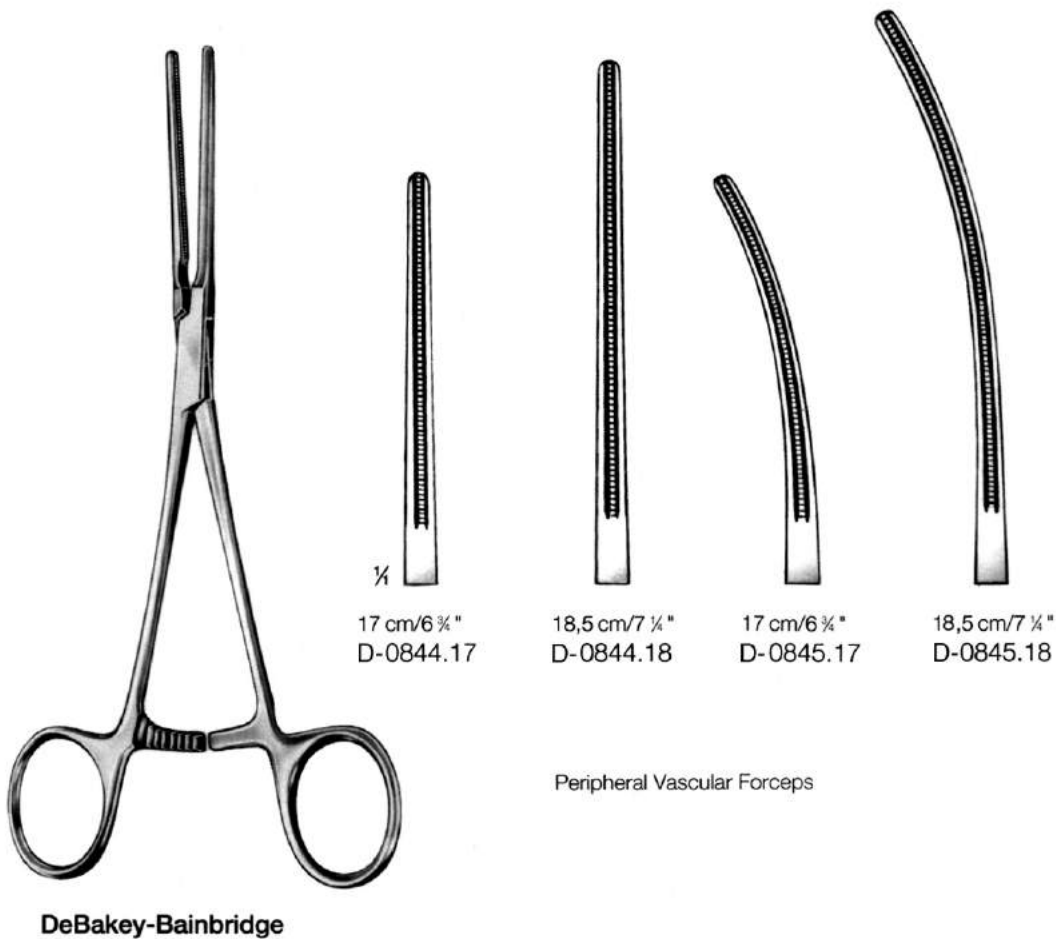
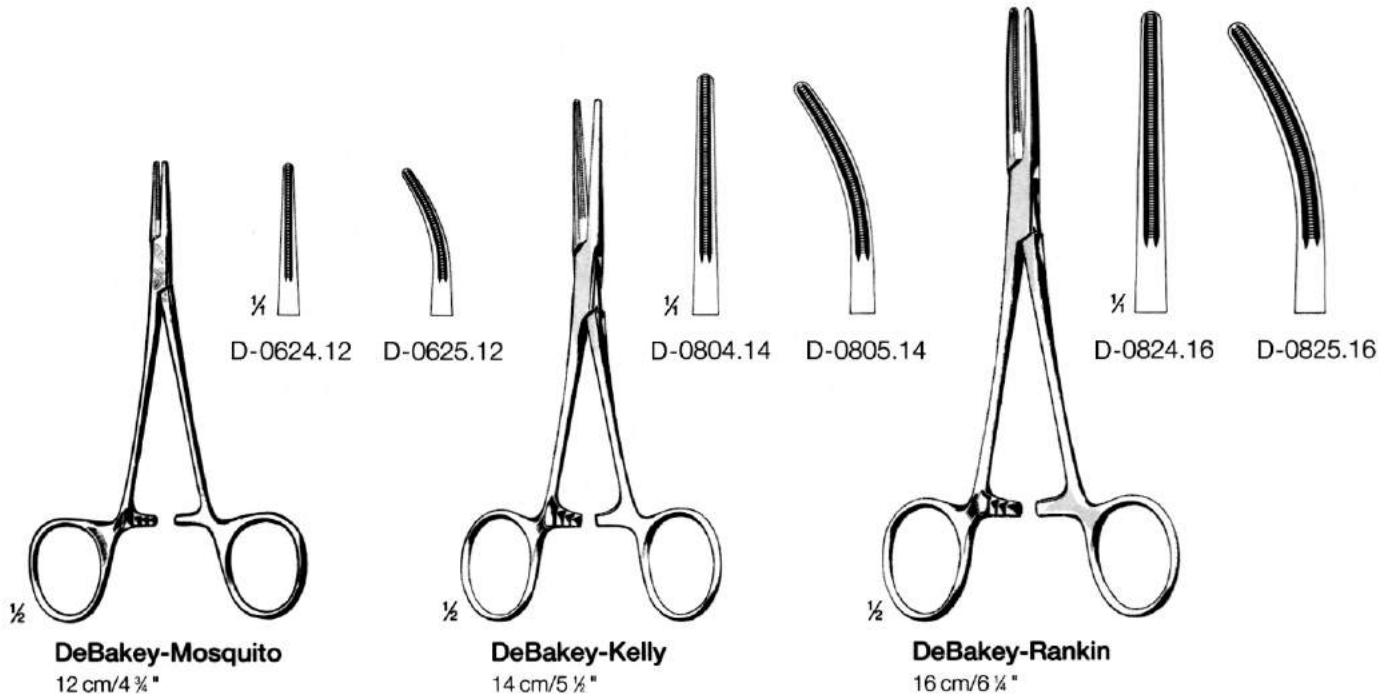


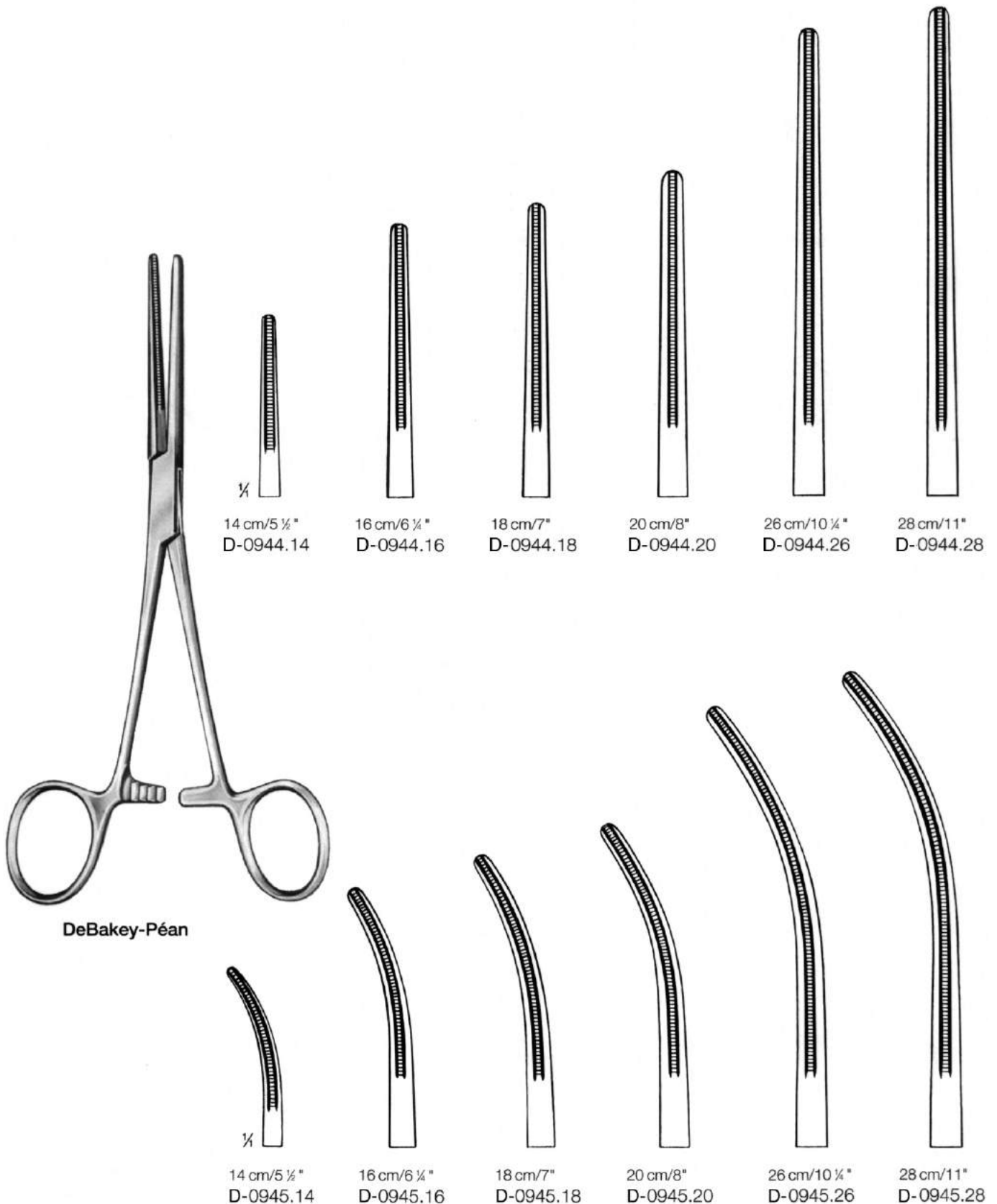
D-1066.24

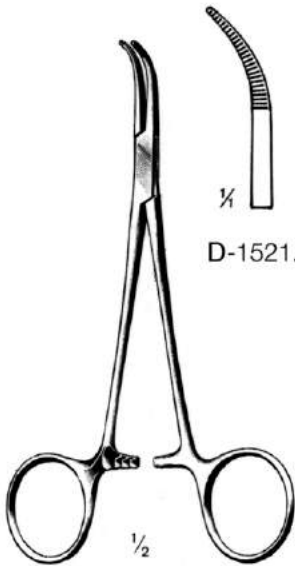
D-1067.24











D-1521.01

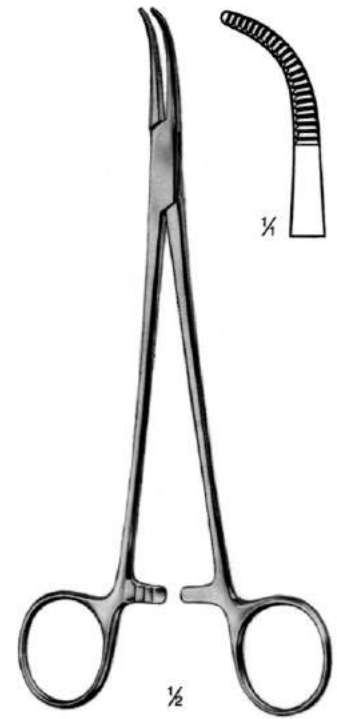
Baby-Mixer
14 cm/5 1/2"



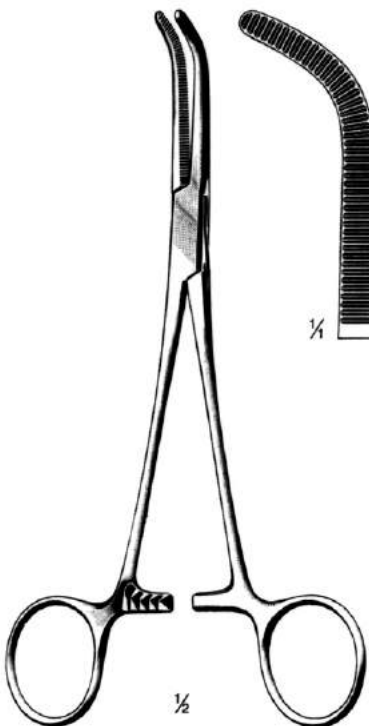
D-1521.02



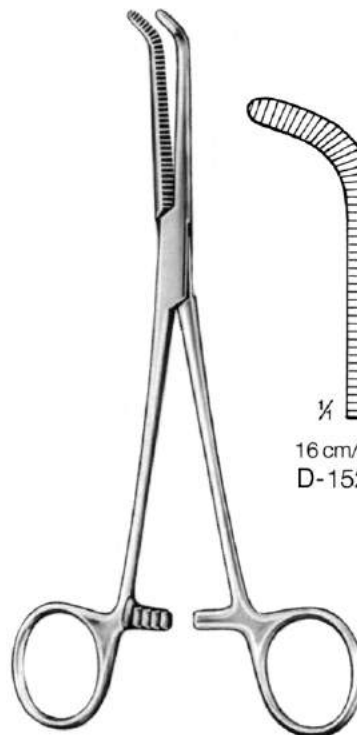
Baby-Mixer
14 cm/5 1/2"
D-1521.14



Baby-Mixer
18 cm/7"
D-1521.18

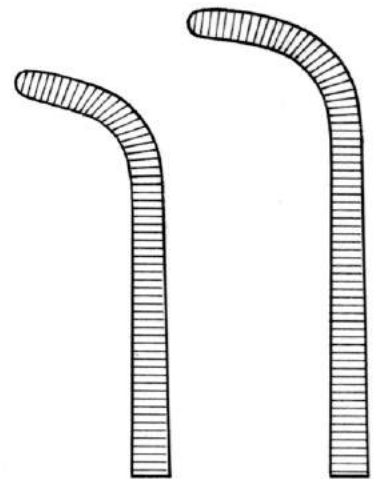


Mixer-O'Shaugnessy
19 cm/7 1/2"
D-1523.19

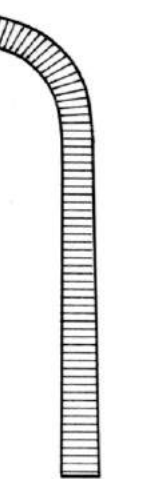


16 cm/6 1/4"
D-1525.16

Mixer



19,5 cm/7 3/4"
D-1525.19



21,5 cm/8 1/2"
D-1525.21

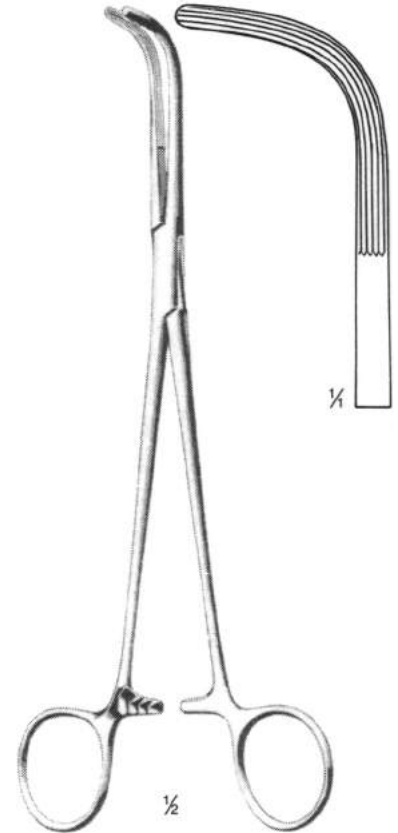
Also Gall Duct Clamps



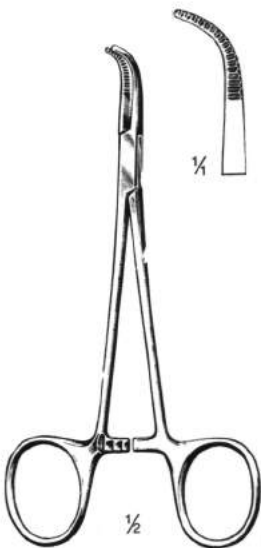
Baby-Overholt
 13,5 cm/5 1/4"
 D-1537.13



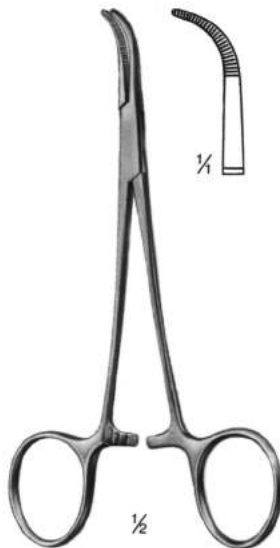
Overholt-Mixter
 21 cm/8 1/4"
 D-1537.21



McQuigg-Mixter
 22 cm/8 3/4"
 D-1539.22



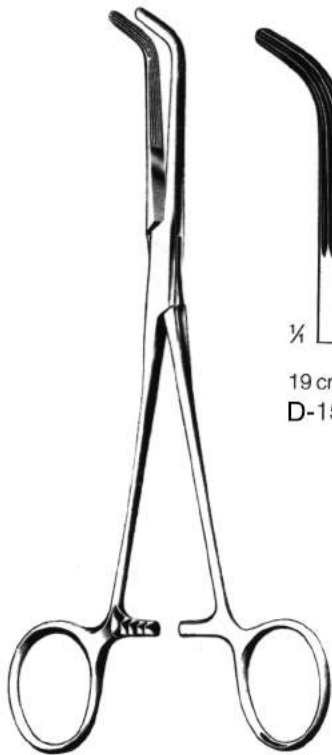
Micro-Adson
 14 cm/5 1/2"
 D-1541.13



Baby-Adson
 14 cm/5 1/2"
 D-1541.14



Baby-Adson
 18 cm/7"
 D-1541.18

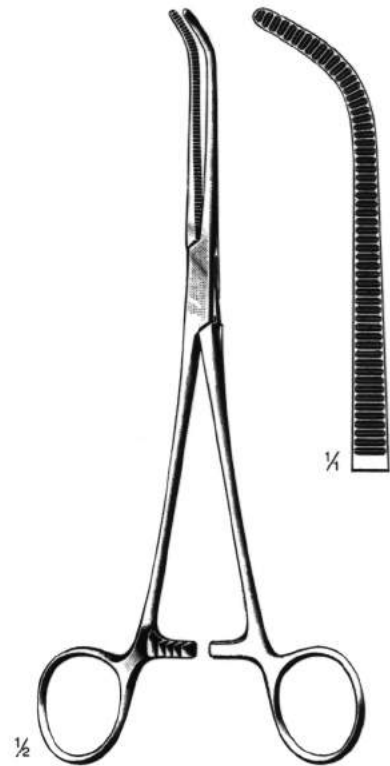


Lahey

¼

19 cm/7 ½"
D-1551.19

23 cm/9"
D-1551.23



½

Johns-Hopkins
20 cm/8"
D-1559.20

¼



Mixer

¼

22 cm/8 ¾"
D-1563.22



25 cm/10"
D-1563.25



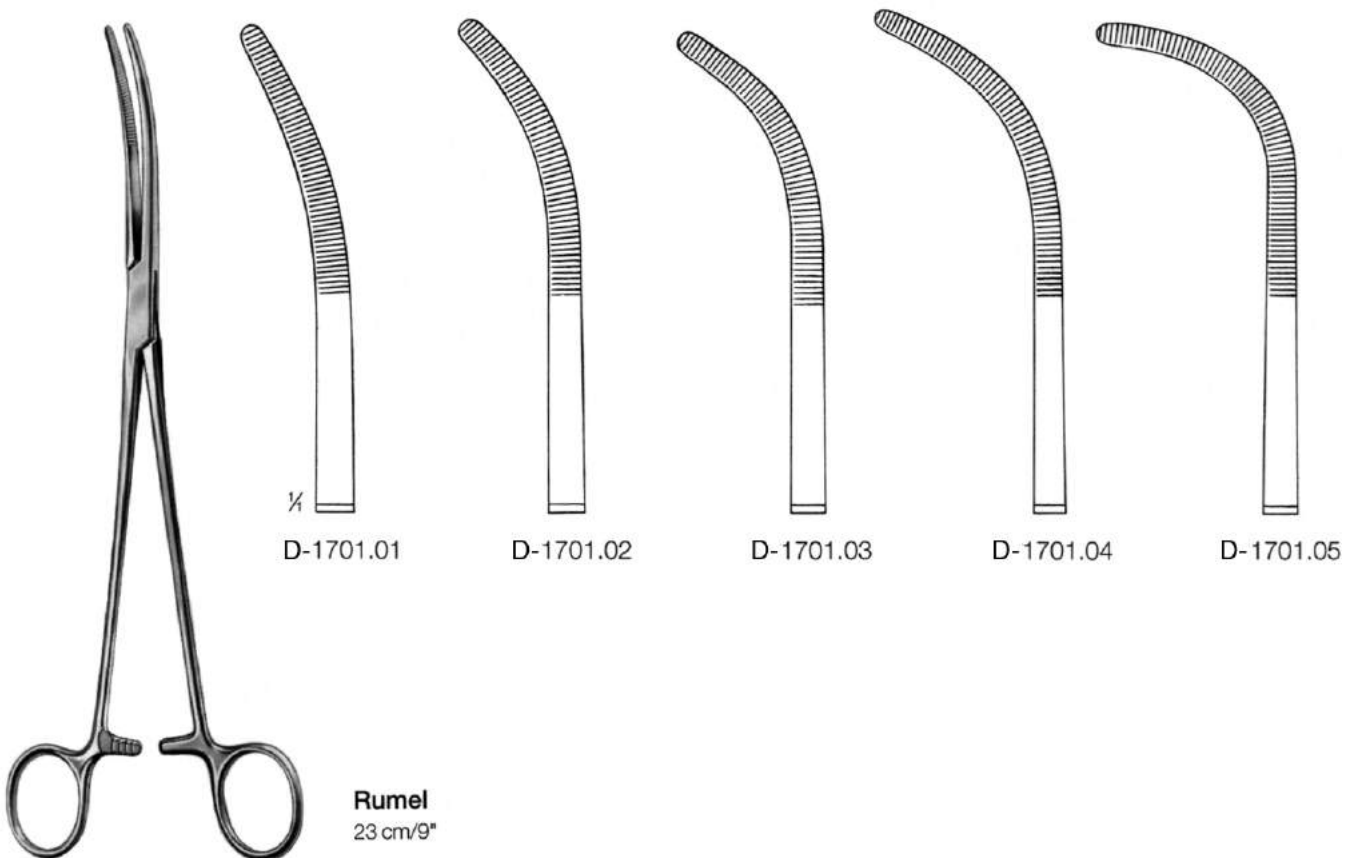
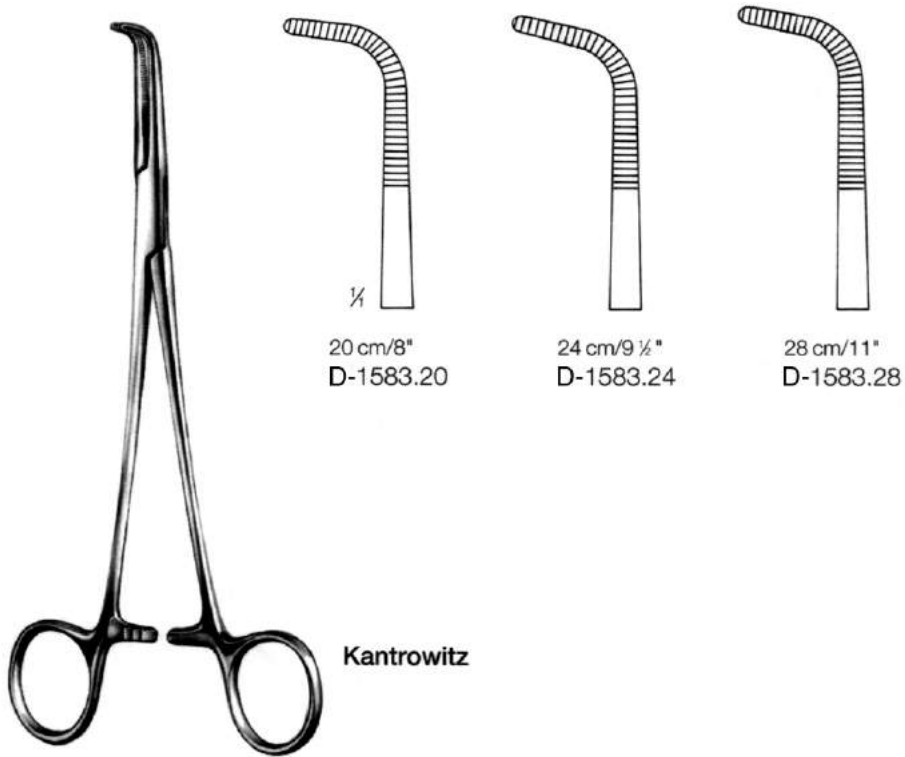
28 cm/11"
D-1563.28

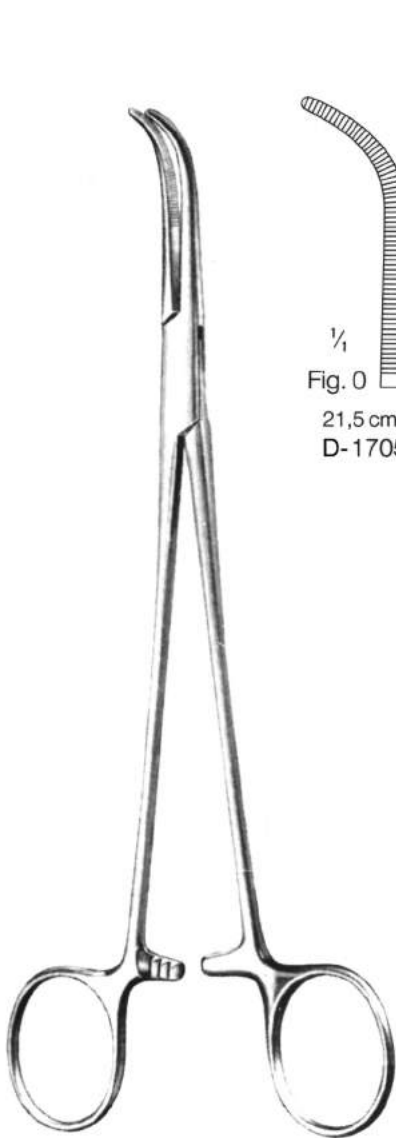


Mixer
23 cm/9"
D-1573.23

¼

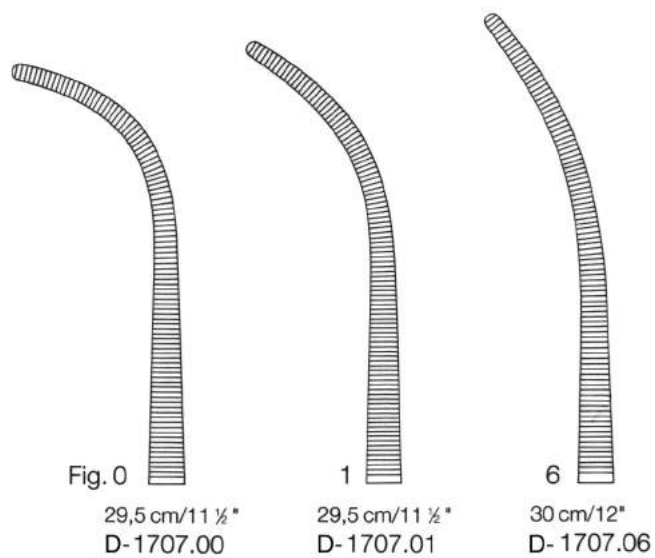
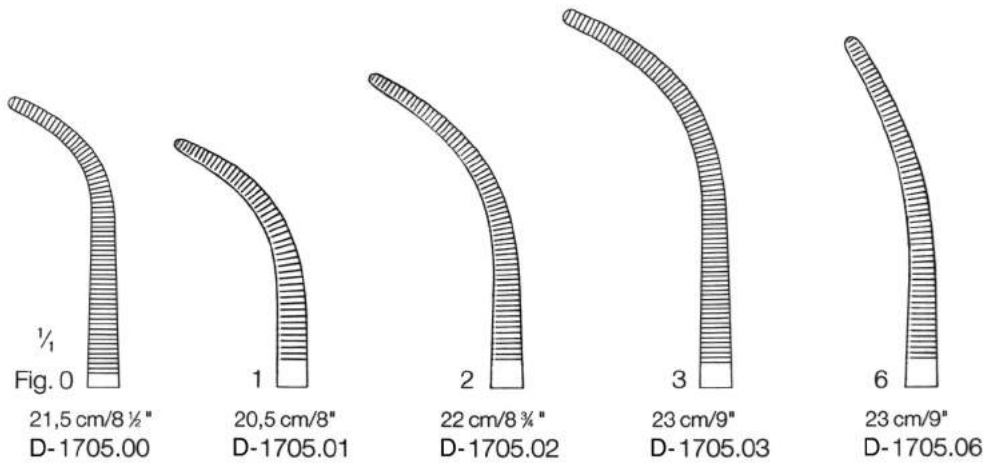
½





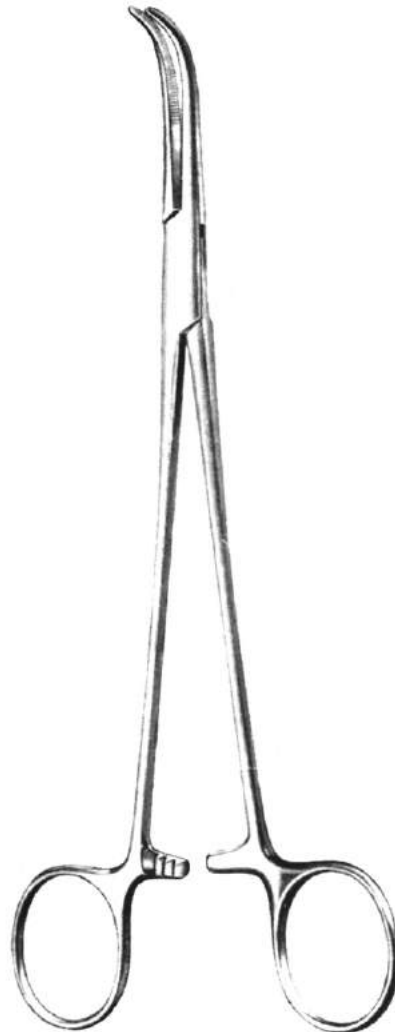
Overholt

delicate pattern

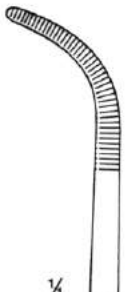
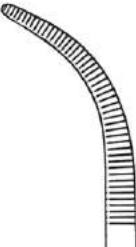
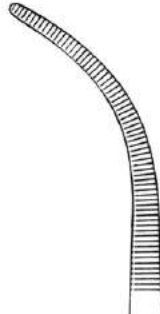
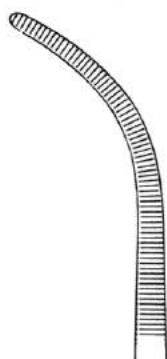
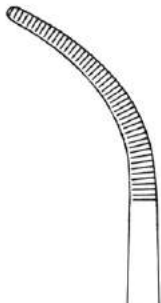
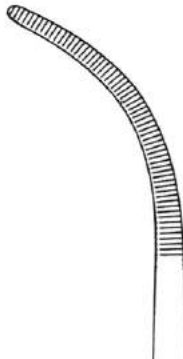



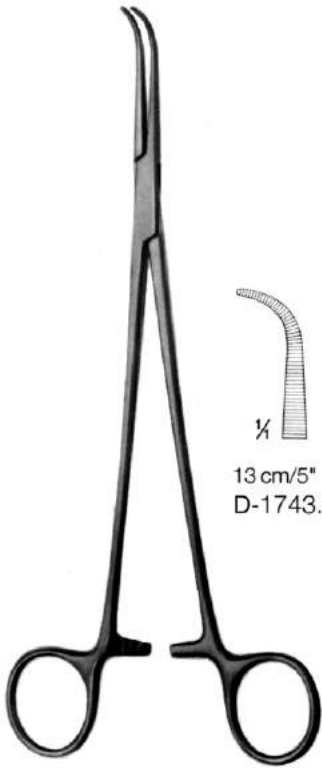


Overholt-Geissendoerfer
 D-1711.##

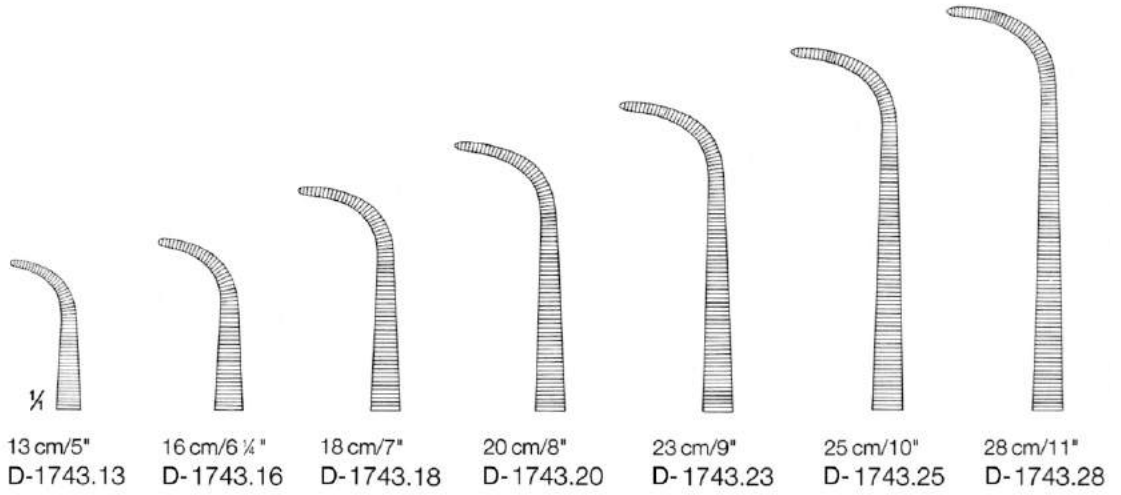


Overholt-Geissendoerfer
 D-1713.##

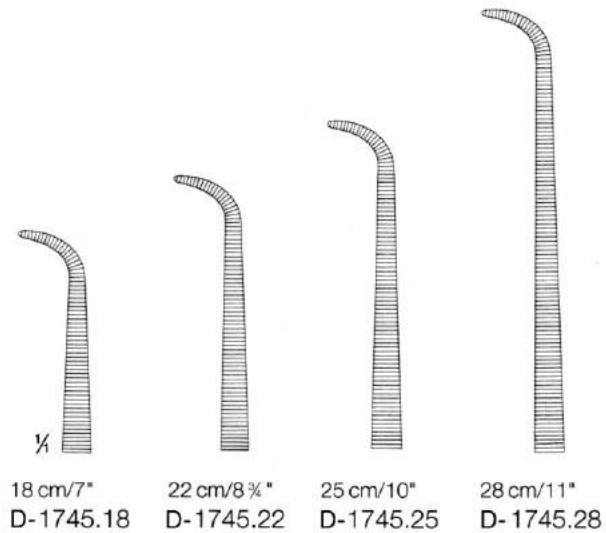
						
Fig. 0	1	2	3	4	5	6
19,5 cm/7 1/4"	21 cm/8 1/4"	22 cm/8 3/4"	22,5 cm/9"	21,5 cm/8 1/2"	22,5 cm/9"	22,5 cm/9"
D-1711.00	D-1711.01	D-1711.02	D-1711.03	D-1711.04	D-1711.05	D-1711.06
26 cm/10 1/2"	27 cm/10 1/2"	27,5 cm/10 3/4"	27,5 cm/10 3/4"	27,5 cm/10 3/4"	28 cm/11"	27,5 cm/10 3/4"
D-1713.00	D-1713.01	D-1713.02	D-1713.03	D-1713.04	D-1713.05	D-1713.06



Gemini (DeBakey-Mixter)



Gemini-Mini (Mixter)



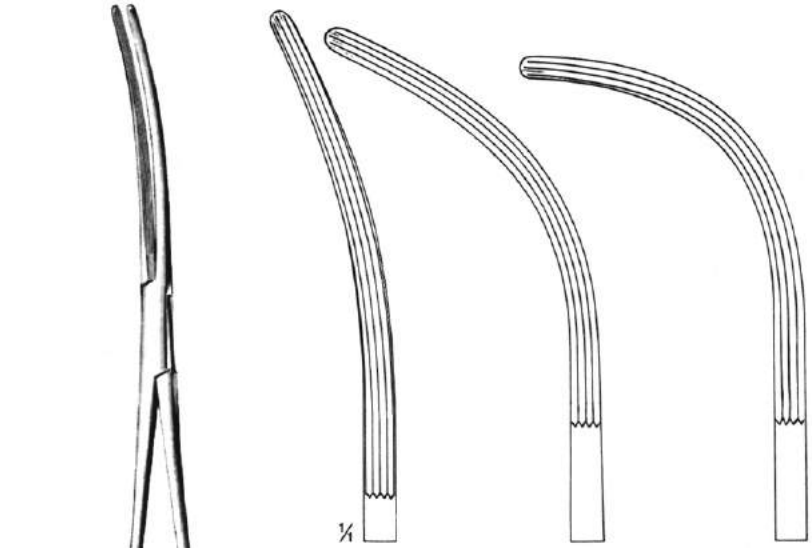


Fig. 1
D-1785.24

Fig. 2
D-1785.23

Fig. 3
D-1785.22



Crafoord-Sellors
24 cm/9 1/2"

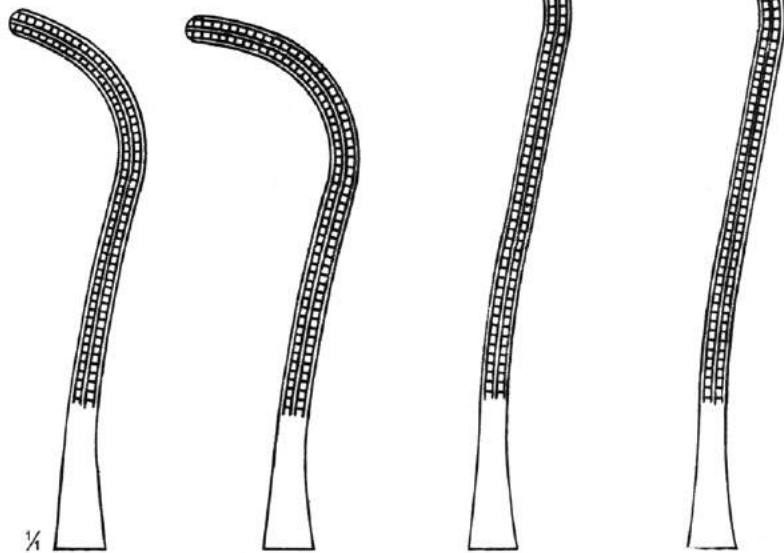


Fig. 1
D-1703.01

Fig. 2
D-1703.02

Fig. 3
D-1703.03

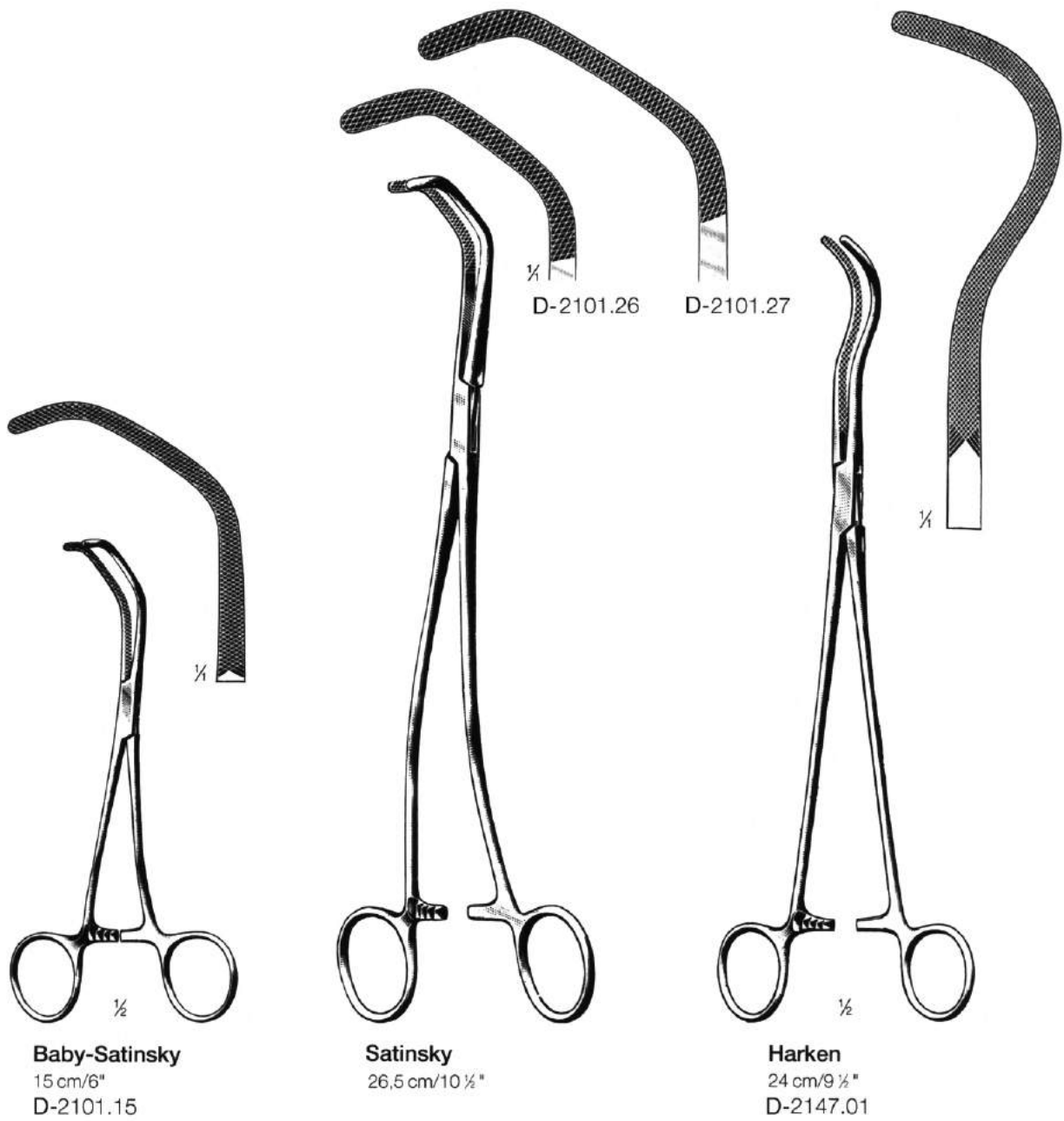
Fig. 4
D-1703.04

DeBakey-Rumel
23 cm/9"

Thoracic Forceps

Vena cava Clamps

Thorax and Auricle Forceps



Anastomosis Forceps



DeBakey-Glover



21 cm/8 ¼"
D-2301.21



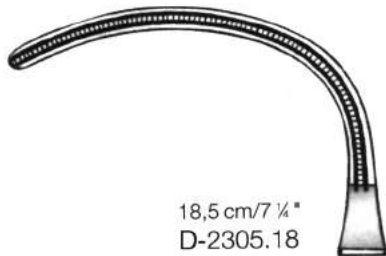
24 cm/9 ½"
D-2301.24



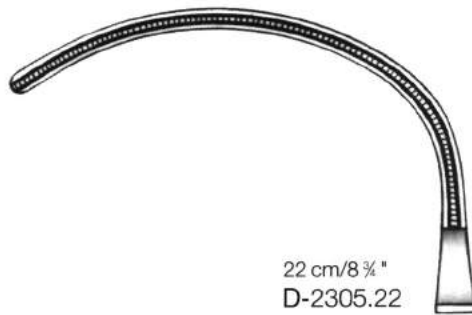
21 cm/8 ¼"
D-2303.21



26 cm/10 ¼"
D-2303.26

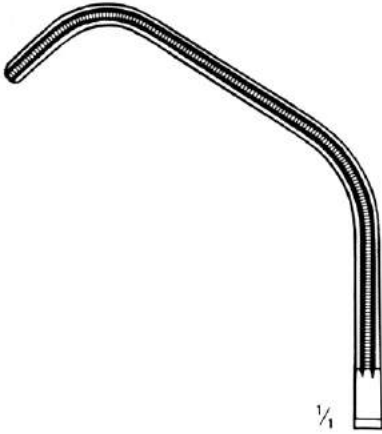


18,5 cm/7 ¼"
D-2305.18

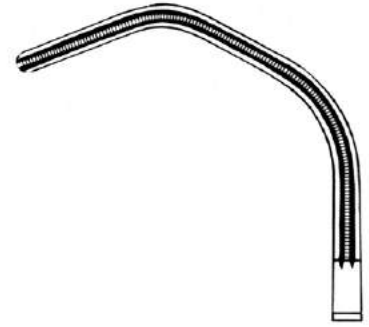
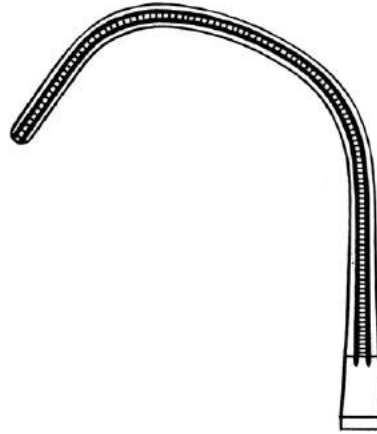


22 cm/8 ¾"
D-2305.22

Aortic Forceps



¼



Ochsner
 23,5 cm/9 ¼"
 D-2331.23

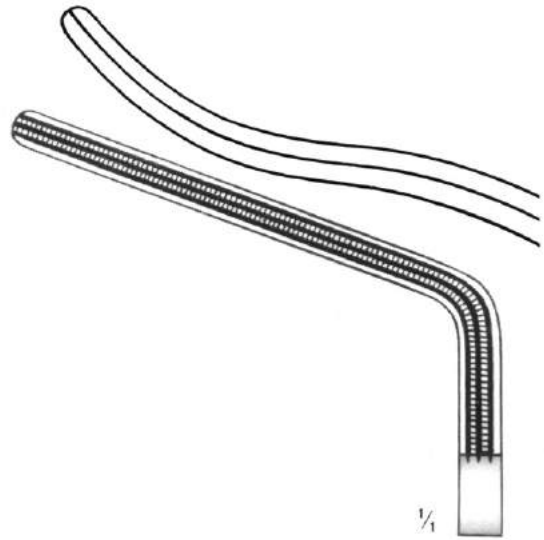
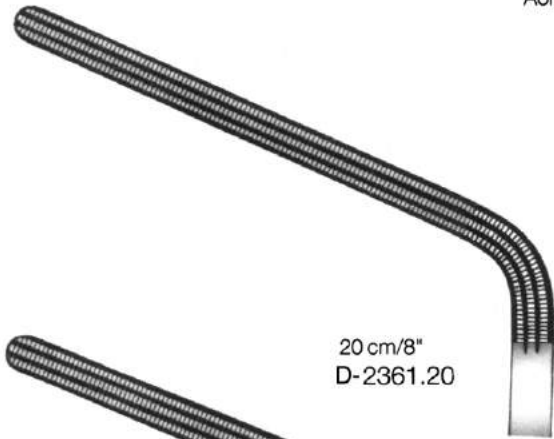


Liddle
 27 cm/10 ¼"
 D-2343.27

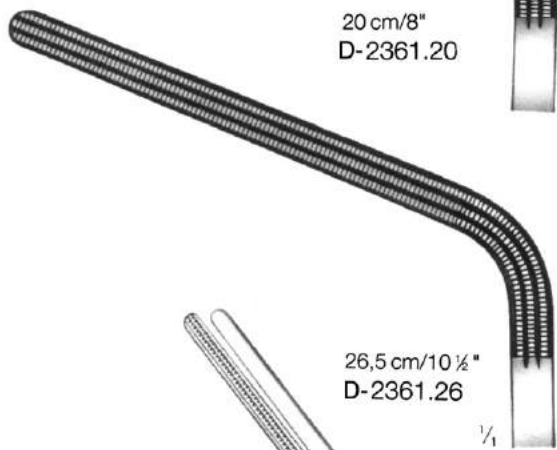


Diethrich
 21 cm/8 ¼"
 D-2355.21

Aortic Forceps



Aortic Forceps, angled, cup shaped jaw

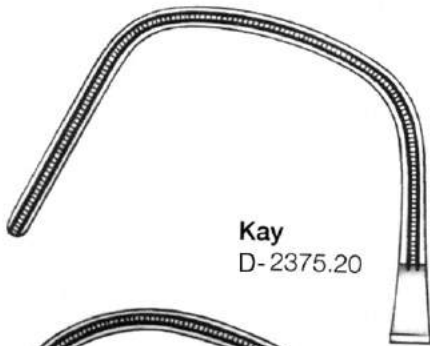


DeBakey-Morris



DeBakey
 27 cm/10 3/4"
 D-2367.27

Aortic Forceps



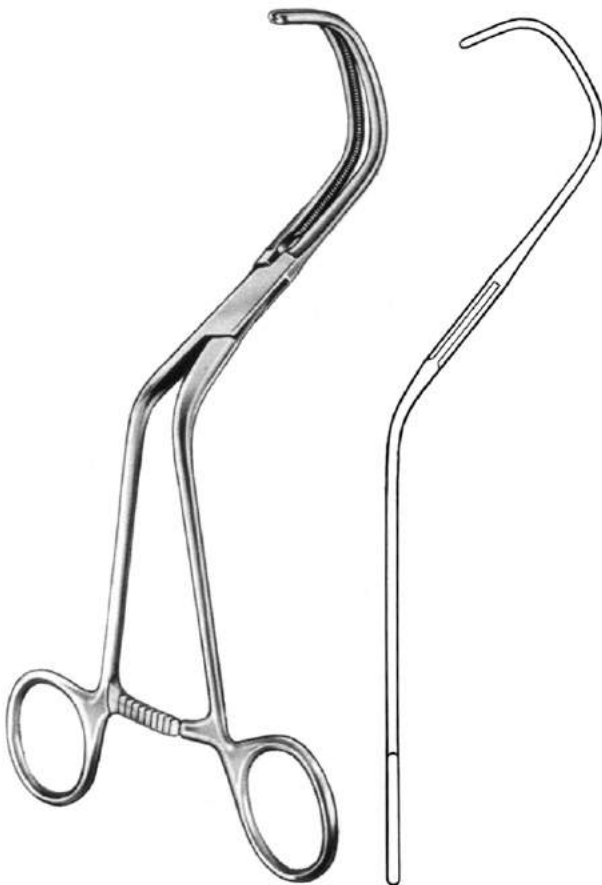
Kay
D-2375.20



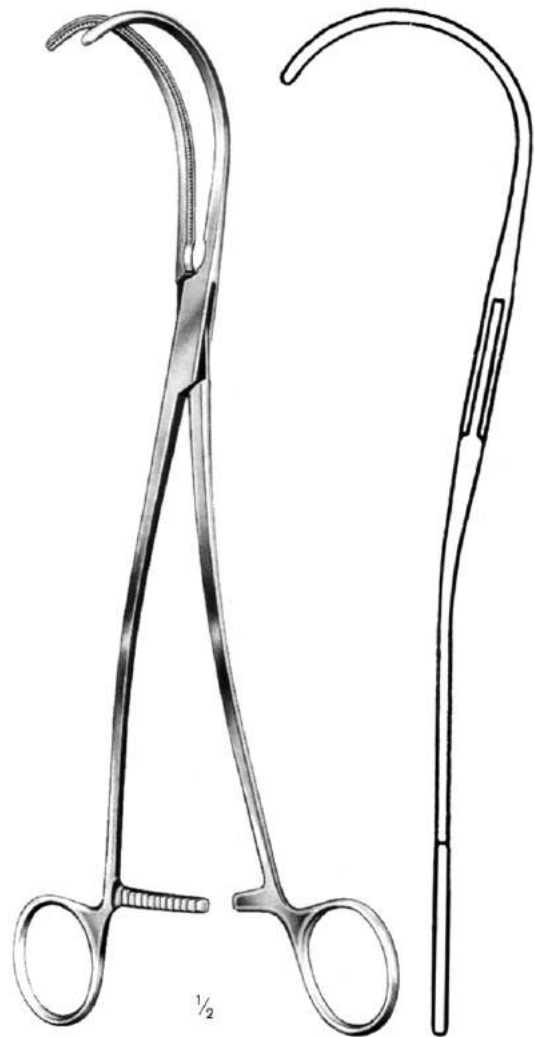
Lambert-Kay
D-2375.21



1/4



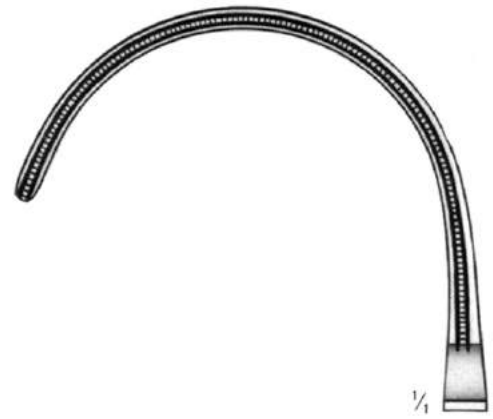
Kay/Lambert-Kay
20 cm/8"



1/2

DeBakey
26,5 cm/10 1/2"
D-2391.26

Aortic Forceps



left
D-2393.26



Weber
26 cm/10 $\frac{1}{4}$ "

right
D-2395.26

Aortic Aneurysm Clamps



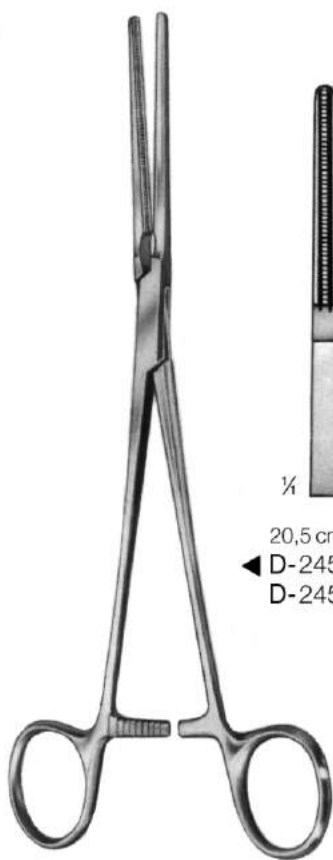


$\frac{1}{4}$
24,5 cm/9 $\frac{3}{4}$ "
D-2407.24

25,5 cm/10"
D-2407.25

26,5 cm/10 $\frac{1}{2}$ "
D-2407.26

DeBakey-Bahnson



Glover

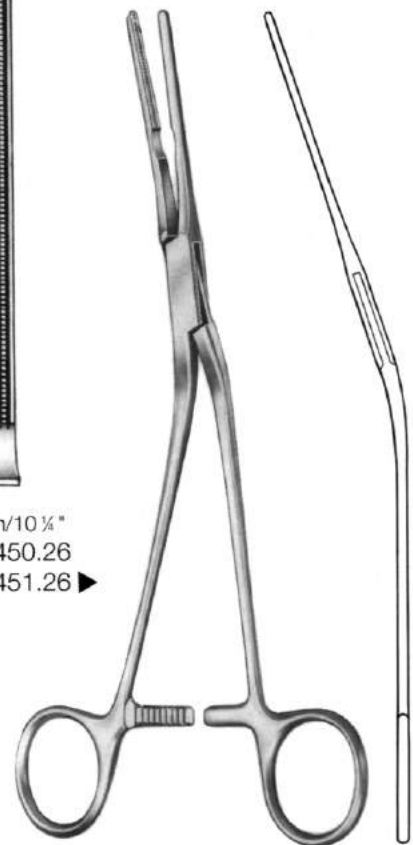
20,5 cm/8"
 ◀ D-2450.20
 D-2451.20



22 cm/8 3/4"
 D-2450.22
 D-2451.22

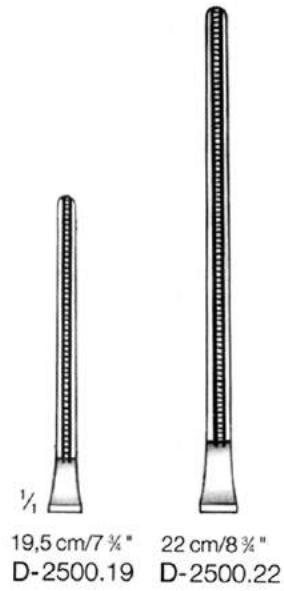
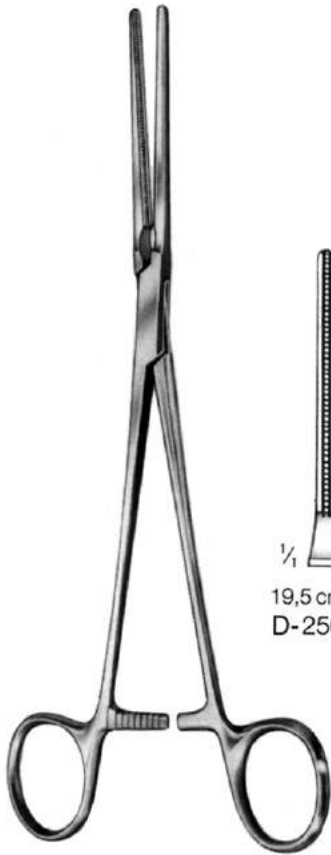


26 cm/10 1/4"
 D-2450.26
 D-2451.26 ▶

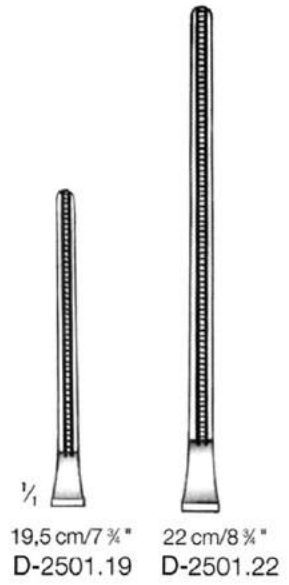


Glover

Peripheral Vascular Forceps



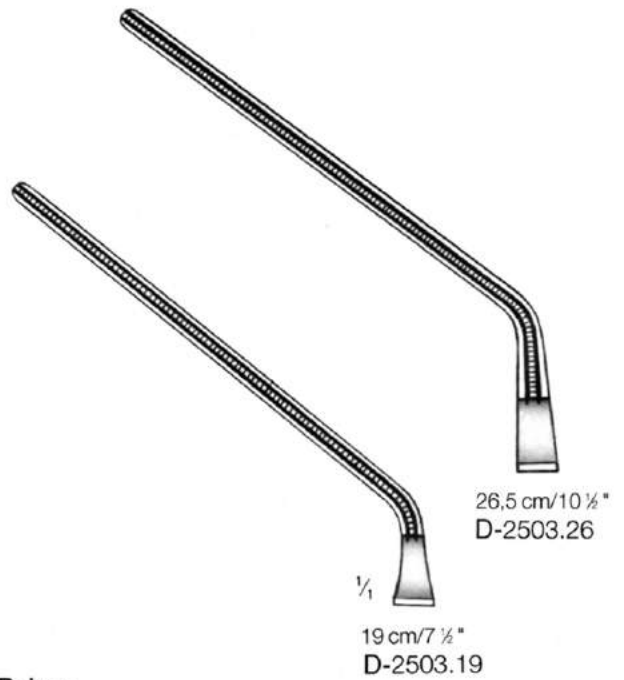
DeBakey



DeBakey



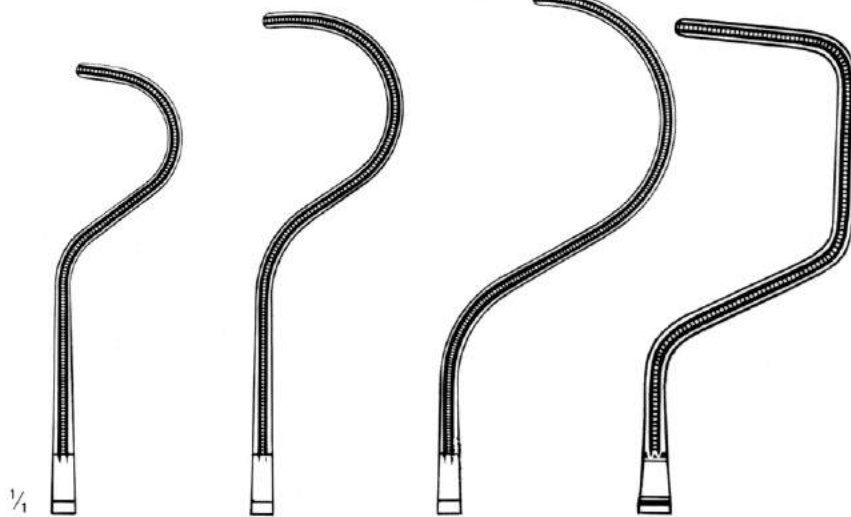
DeBakey



Peripheral Vascular Forceps



Dale



$\frac{1}{4}$
 17 cm/6 $\frac{1}{2}$ "
 D-2507.17

17,5 cm/7"
 D-2507.18

18,5 cm/7 $\frac{1}{4}$ "
 D-2507.19

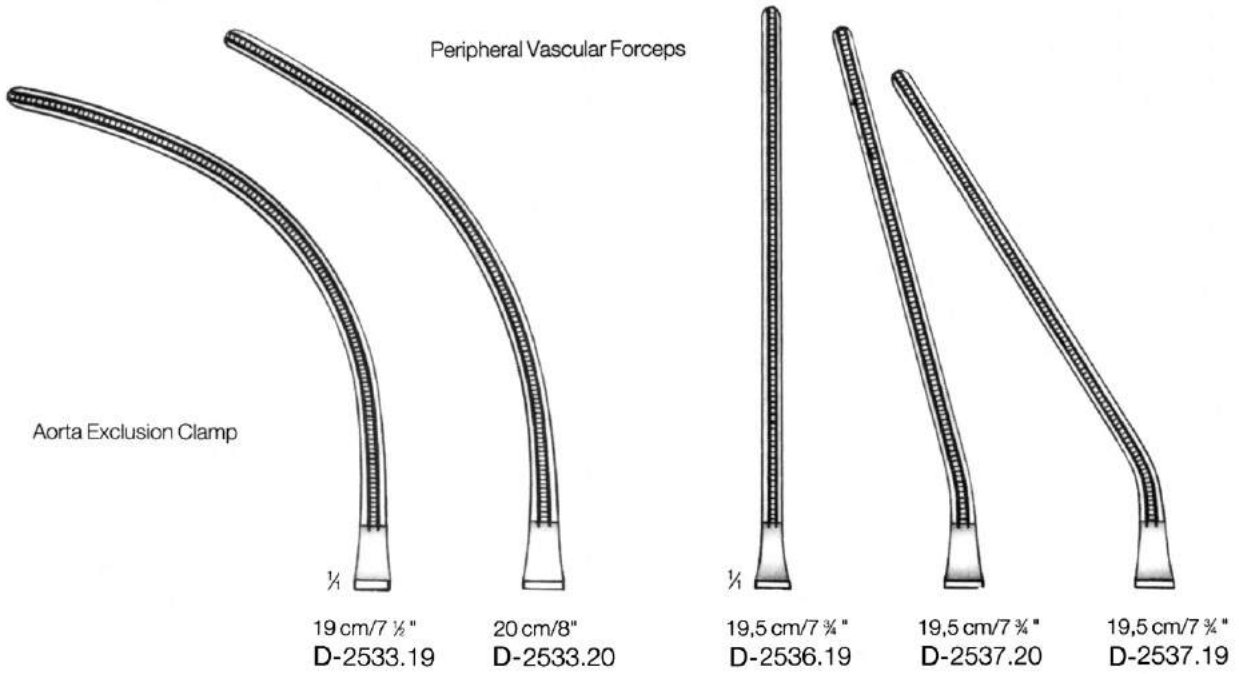
18,5 cm/7 $\frac{1}{4}$ "
 D-2509.18



DeBakey
 16 cm/6 $\frac{1}{4}$ "
 D-2531.16



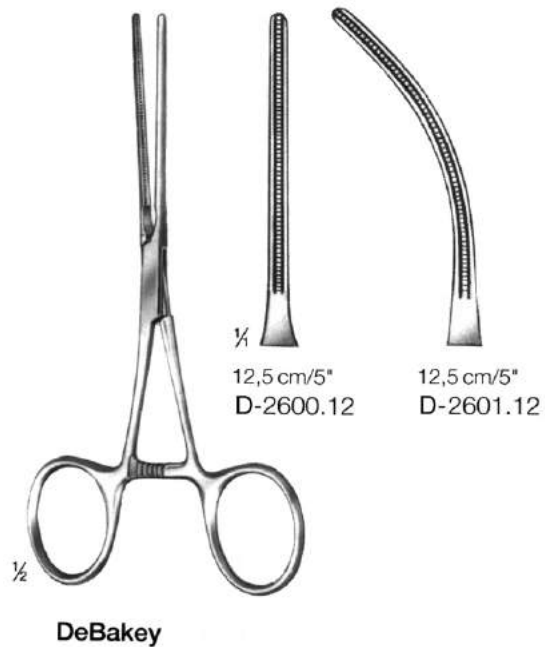
$\frac{1}{4}$



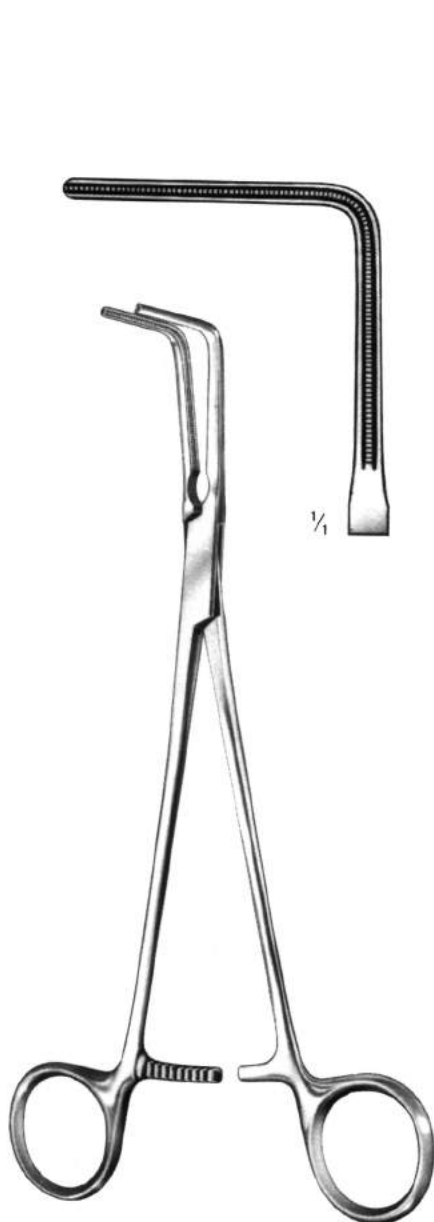
DeBakey



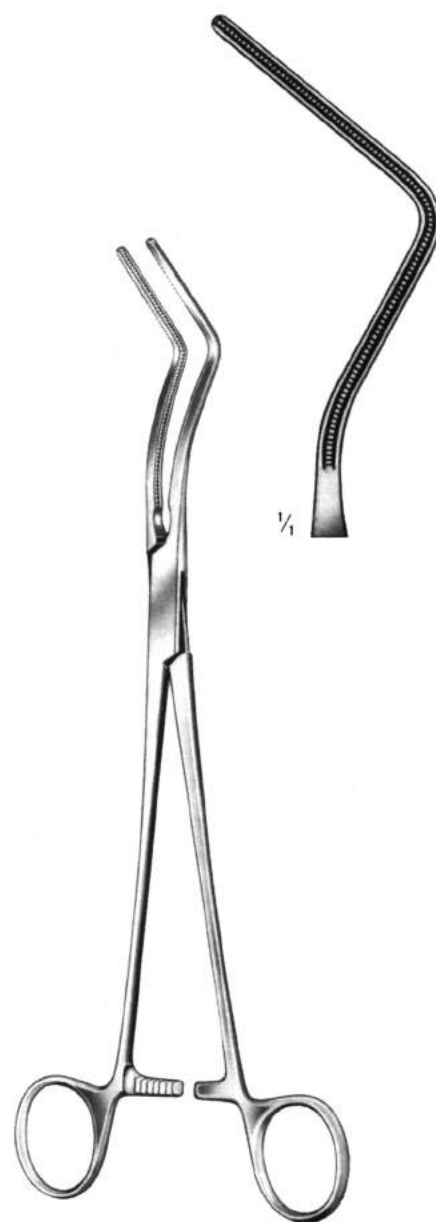
Leland-Jones



Artery and Bronchus Forceps

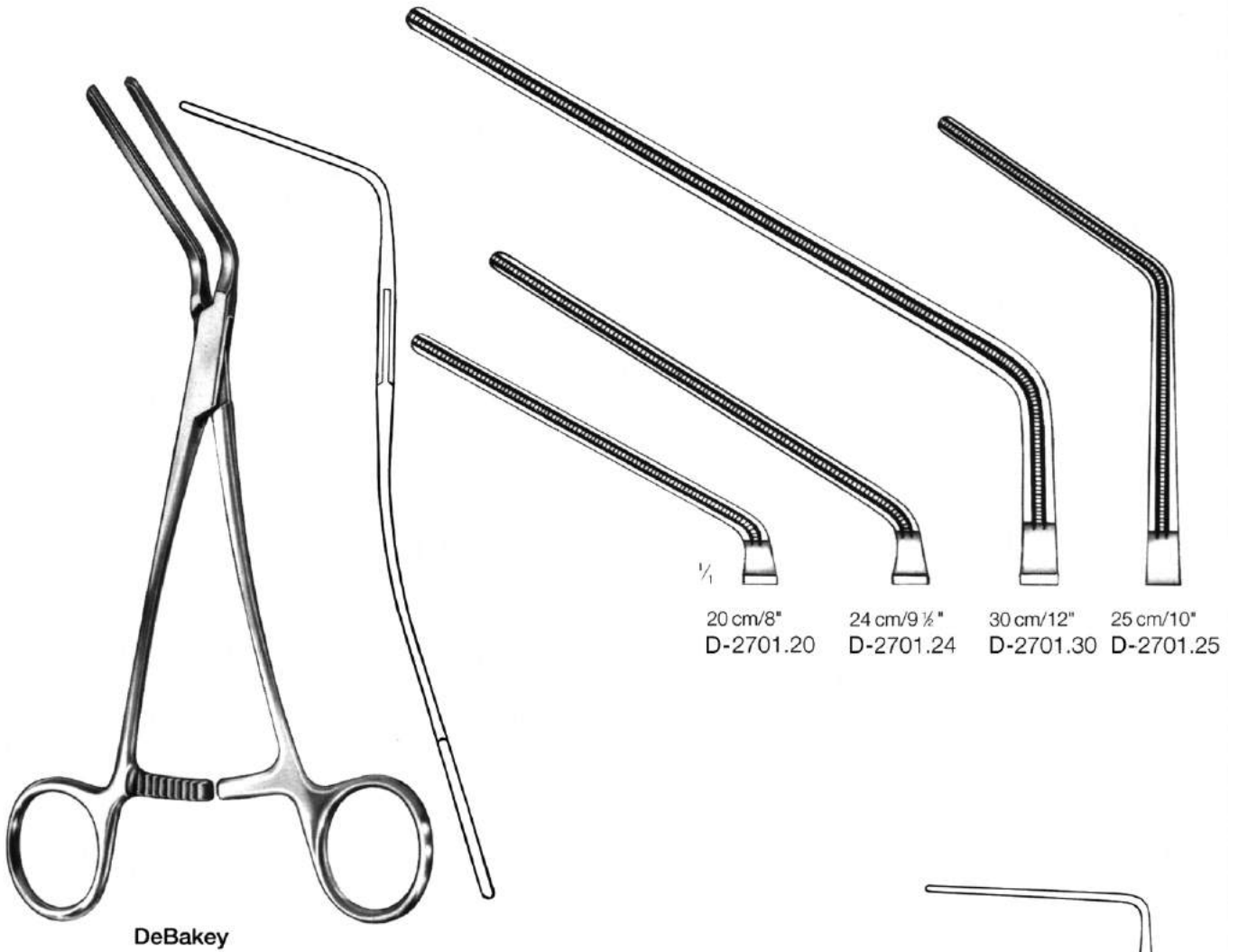


Lees
23 cm/9"
D-2651.23

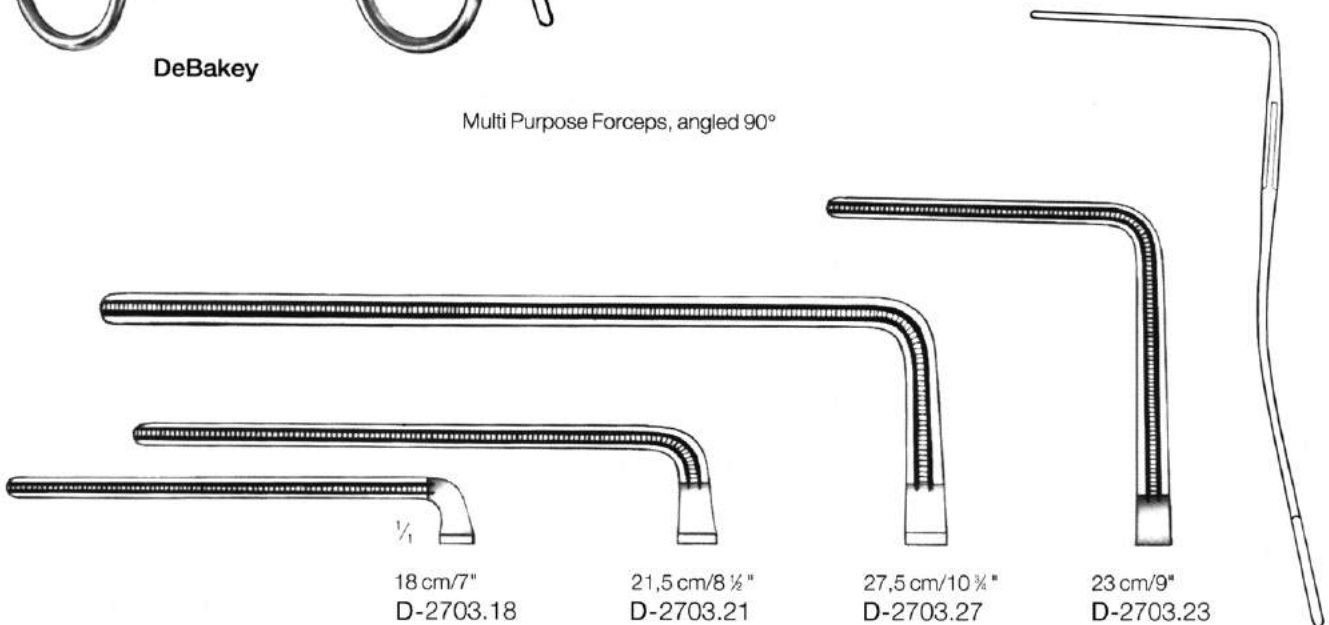


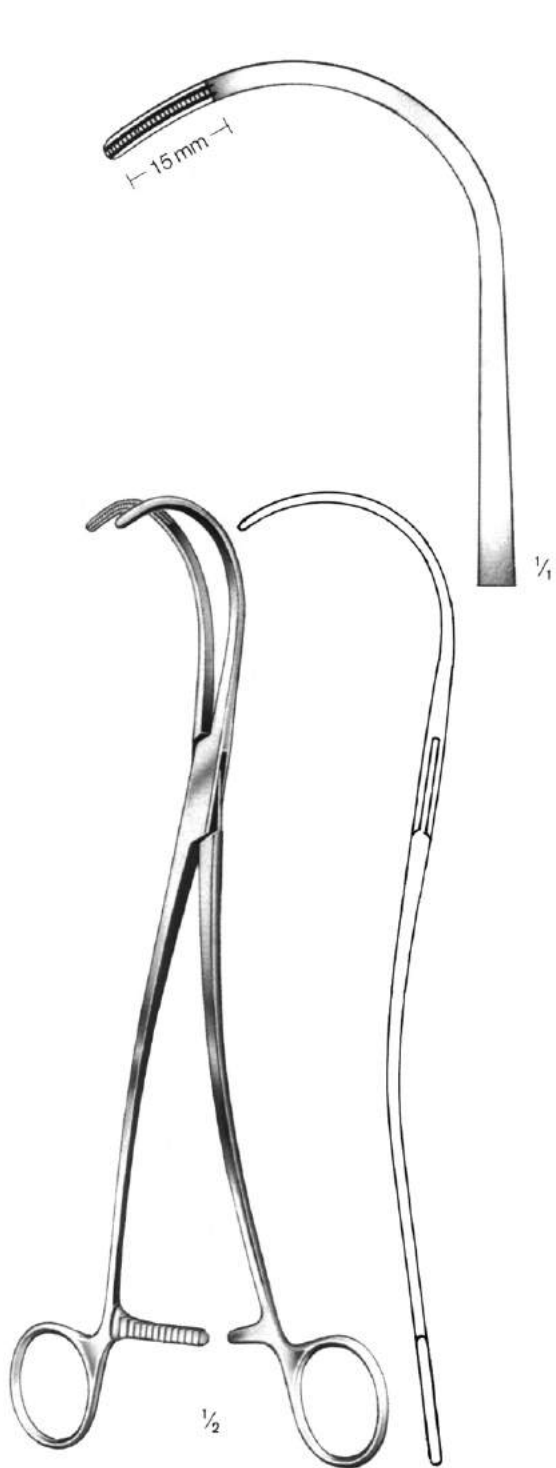
Lees
25 cm/10"
D-2653.25

Multi Purpose Forceps, angled 60°

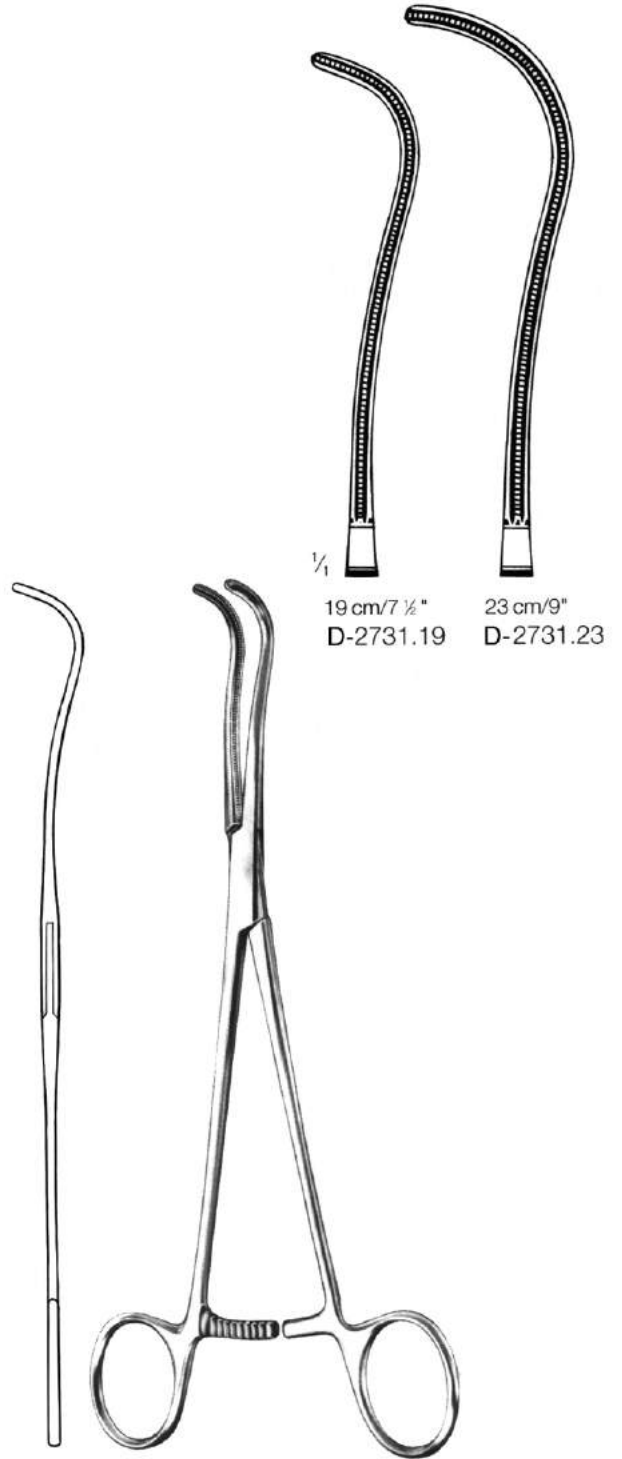


Multi Purpose Forceps, angled 90°



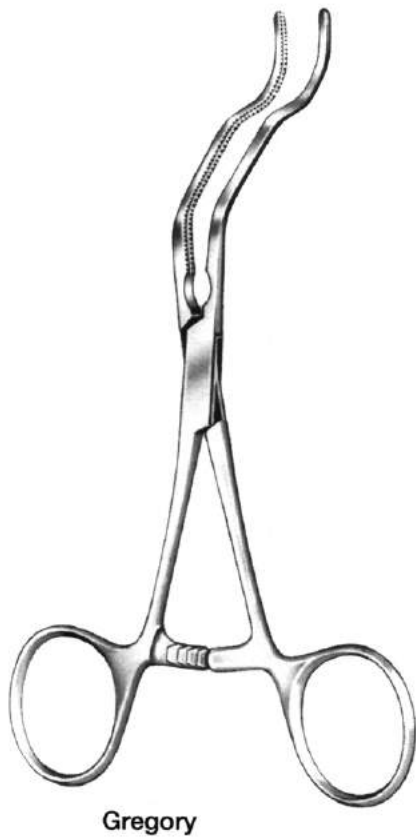
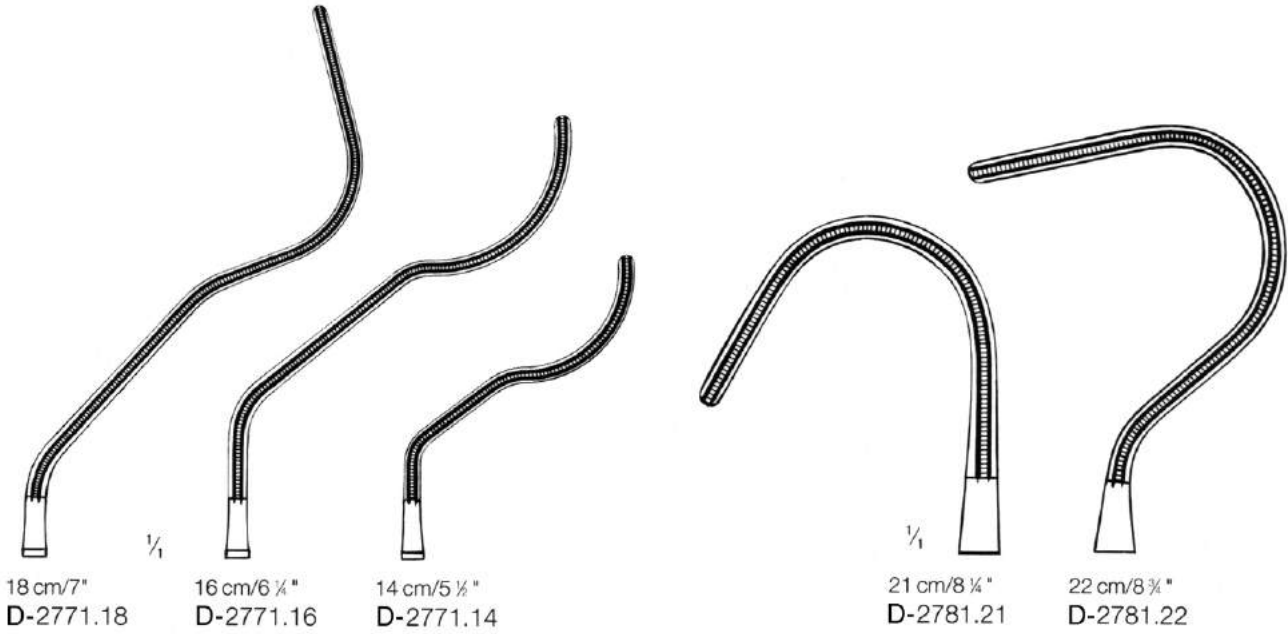


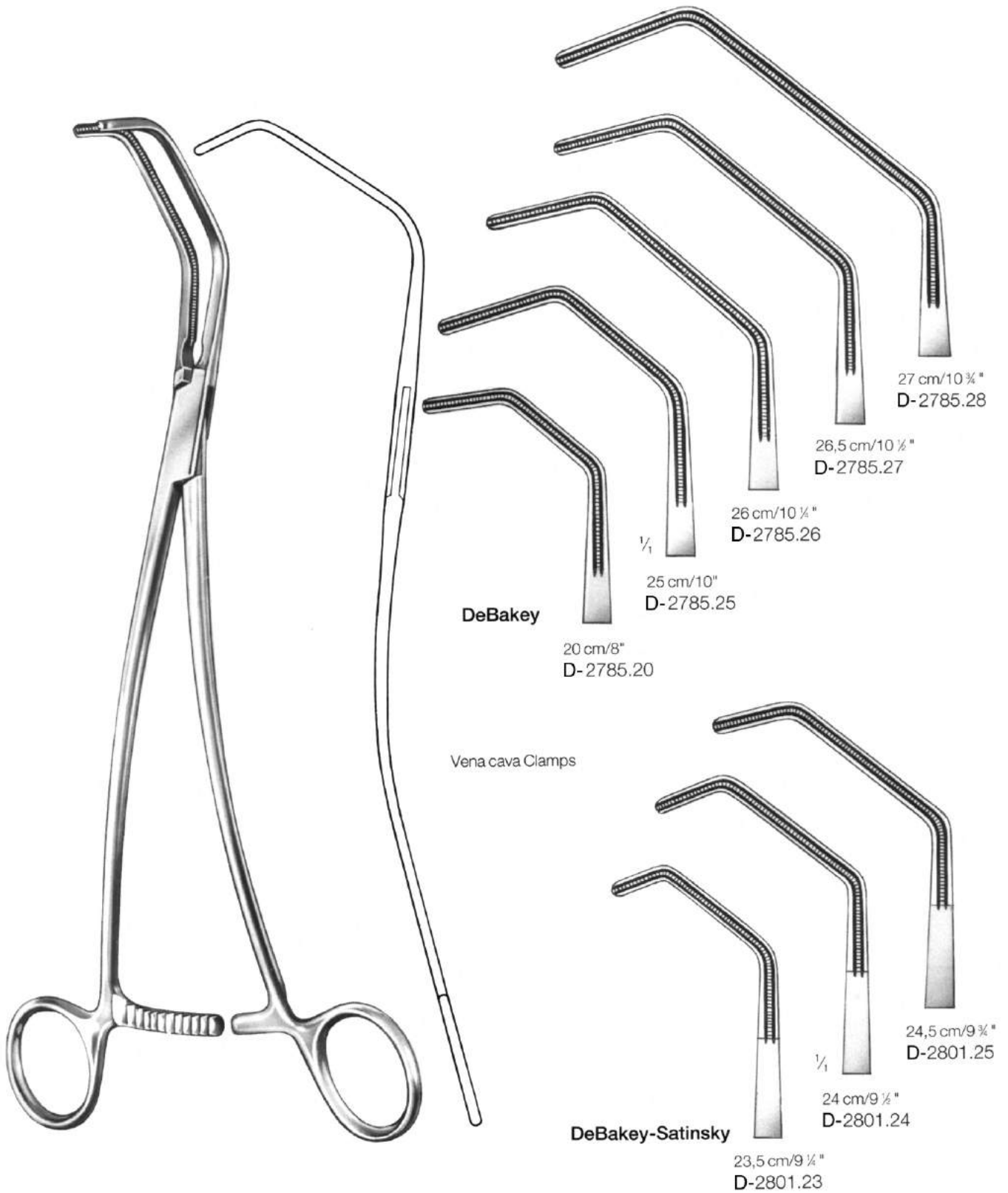
DeBakey-Semb
 25 cm/10"
 D-2727.25



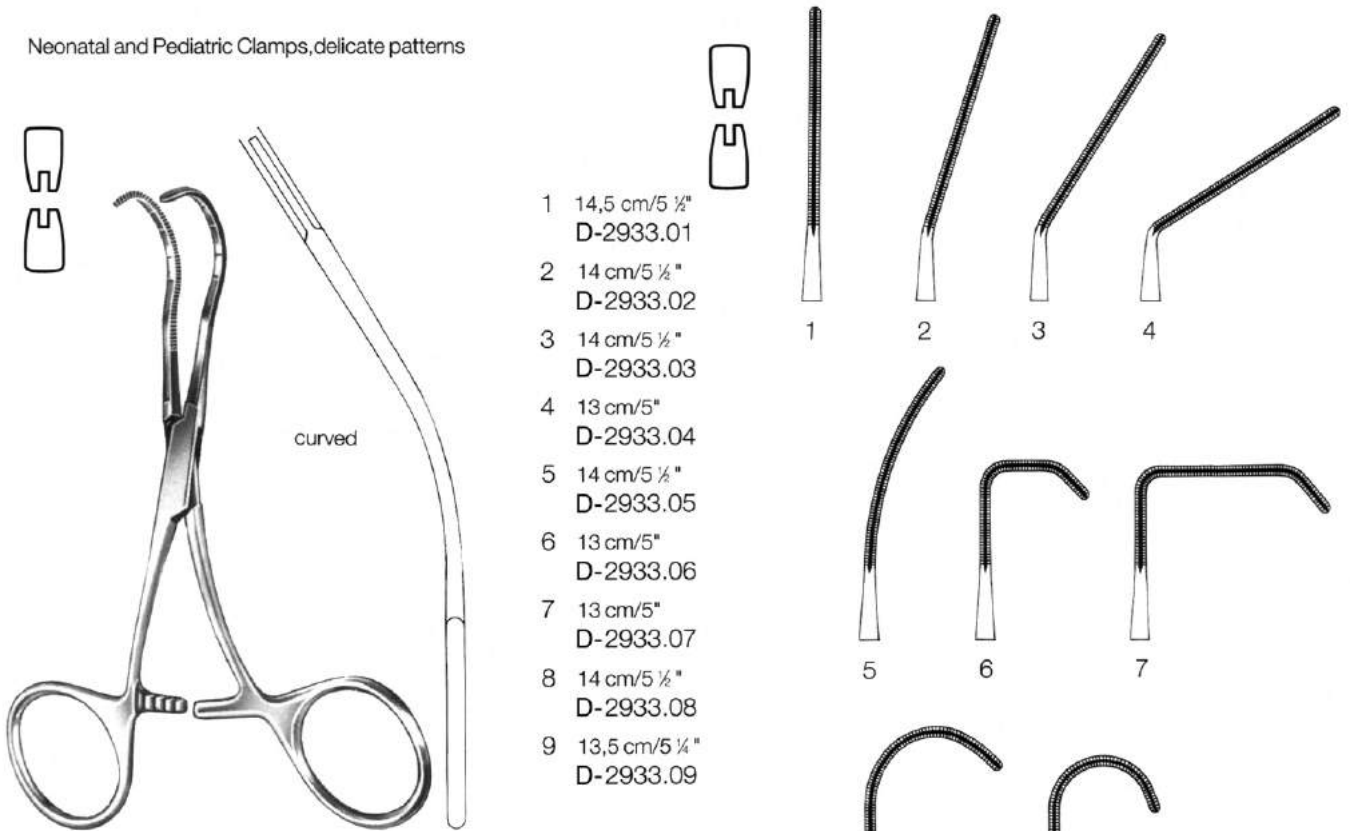
DeBakey

19 cm/7 1/2"
 D-2731.19 23 cm/9"
 D-2731.23

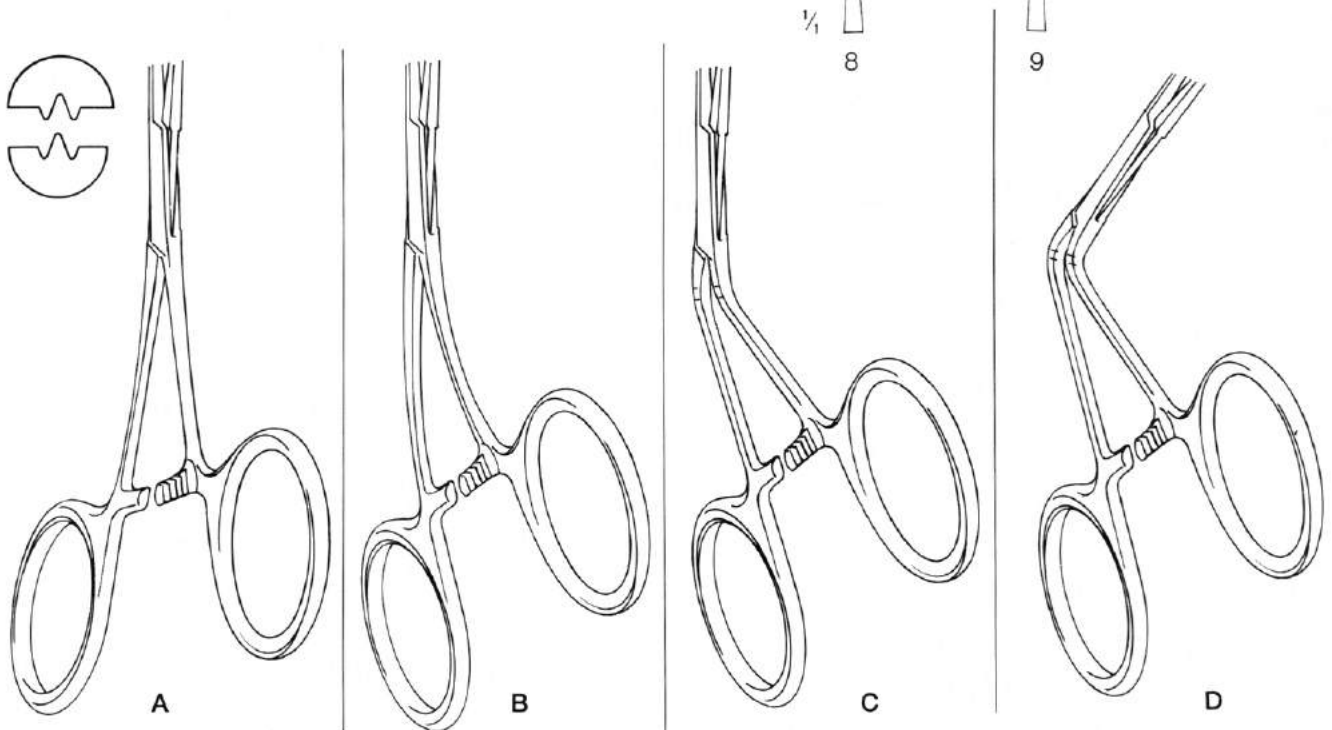





Neonatal and Pediatric Clamps, delicate patterns




DeBAKEY-CASTANEDA Cardiovascular Clamps




DeBAKEY-CASTANEDA Cardiovascular Clamps



	1	2	3	4	5	6
A	D-2940.01	D-2940.02	D-2940.03	D-2940.04	D-2940.05	D-2940.06
B	D-2941.01	D-2941.02	D-2941.03	D-2941.04	D-2941.05	D-2941.06
C	D-2943.01	D-2943.02	D-2943.03	D-2943.04	D-2943.05	D-2943.06
D	D-2945.01	D-2945.02	D-2945.03	D-2945.04	D-2945.05	D-2945.06



	7	8	9	10	11	12
A	D-2940.07	D-2940.08	D-2940.09	D-2940.10	D-2940.11	D-2940.12
B	D-2941.07	D-2941.08	D-2941.09	D-2941.10	D-2941.11	D-2941.12
C	D-2943.07	D-2943.08	D-2943.09	D-2943.10	D-2943.11	D-2943.12
D	D-2945.07	D-2945.08				



	13	14	15	16	17	18
A	D-2940.13	D-2940.14	D-2940.15	D-2940.16	D-2940.17	D-2940.18
B	D-2941.13	D-2941.14	D-2941.15	D-2941.16	D-2941.17	D-2941.18
C	D-2943.13	D-2943.14	D-2943.15	D-2943.16	D-2943.17	D-2943.18

Anastomosis Forceps



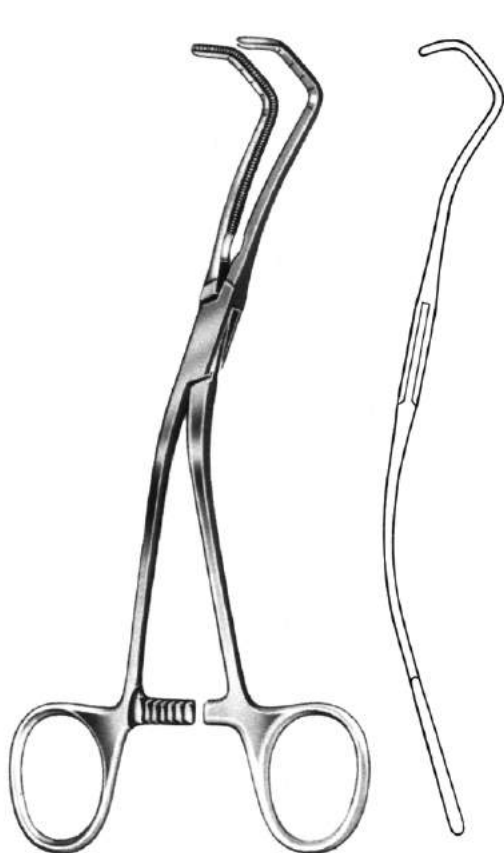
D-3085.01



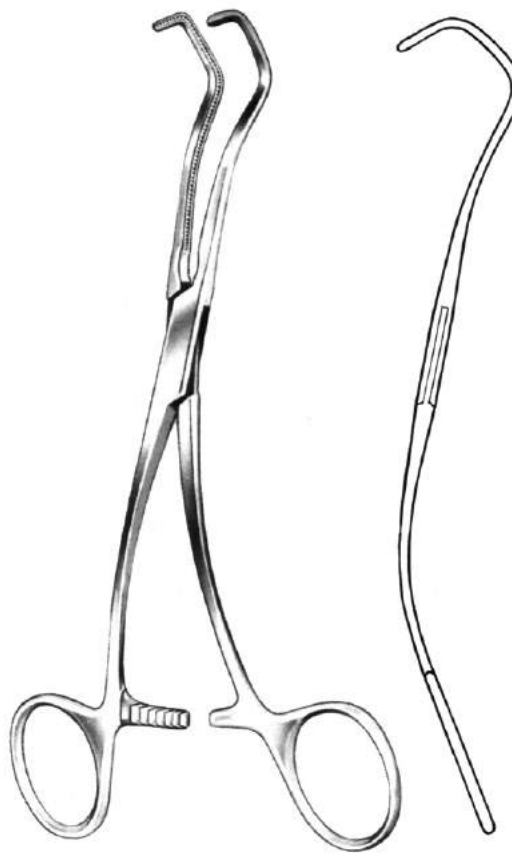
D-3085.02



D-3085.03

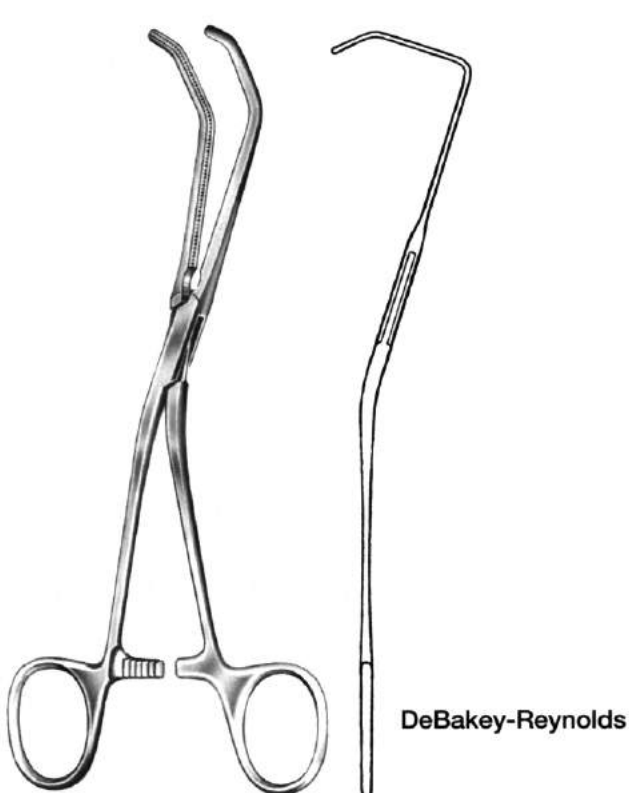
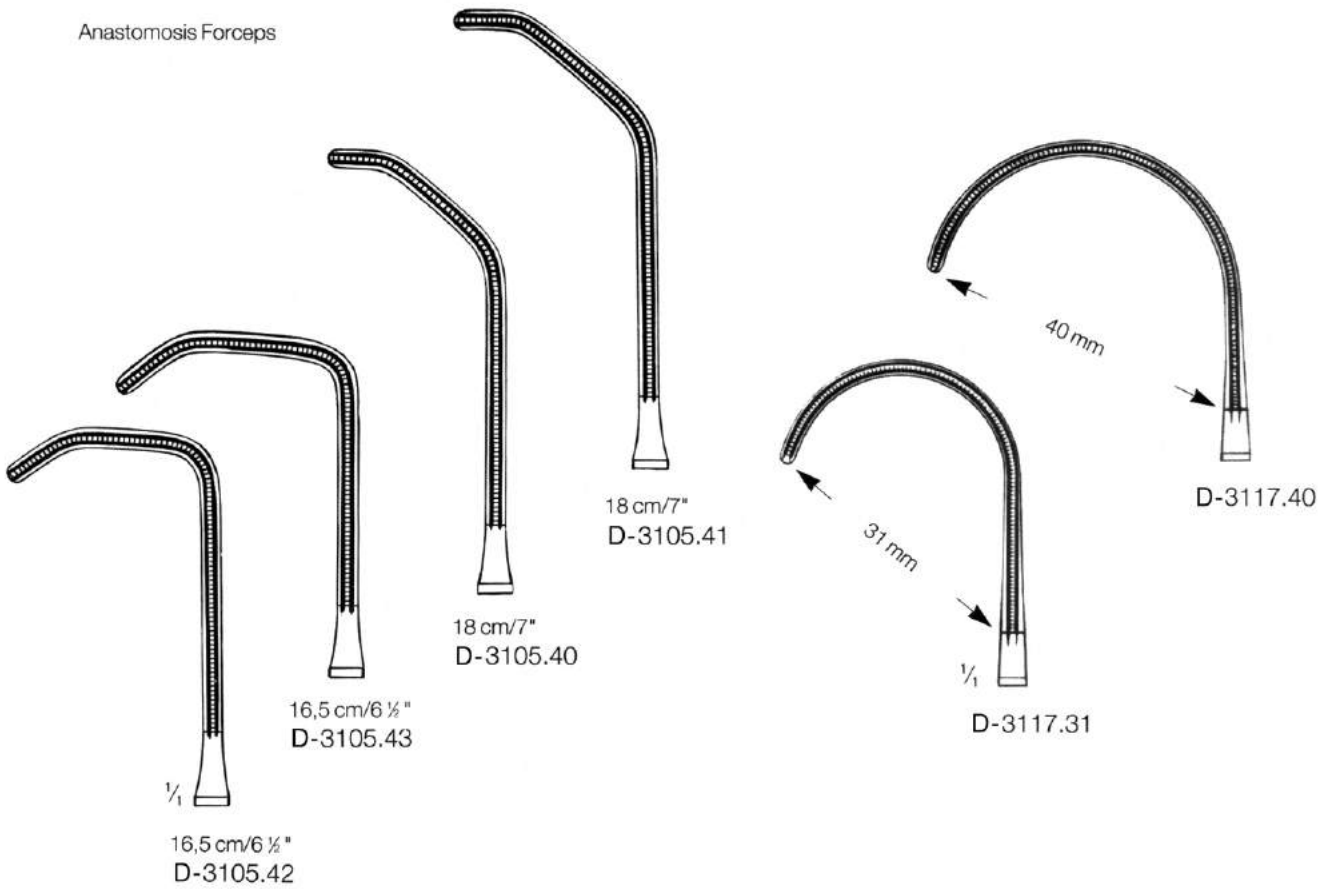


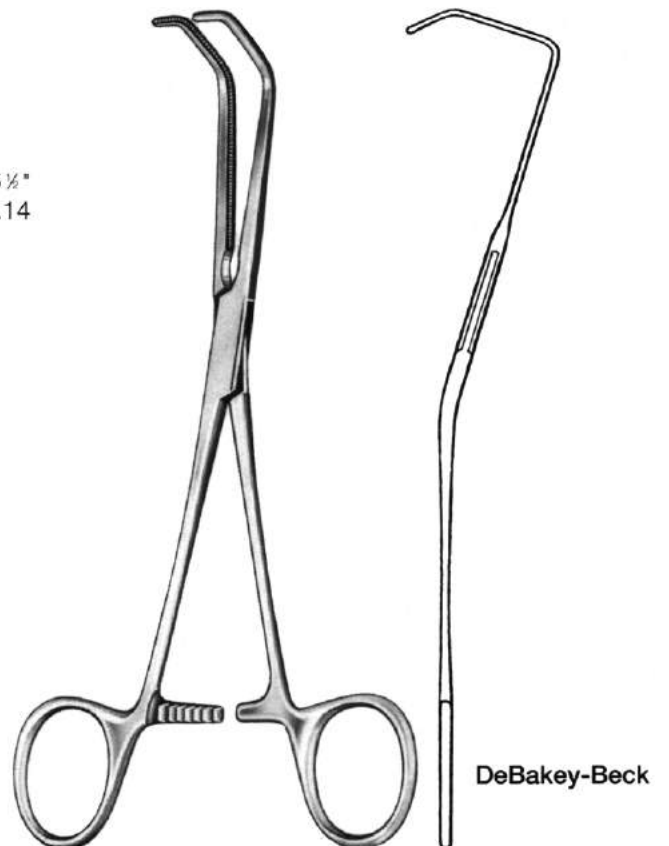
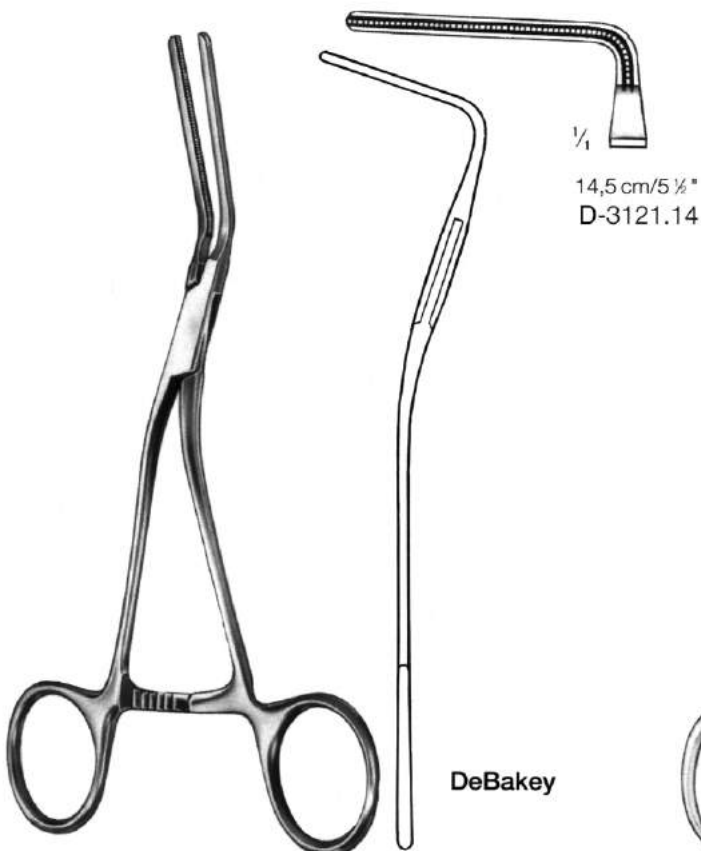
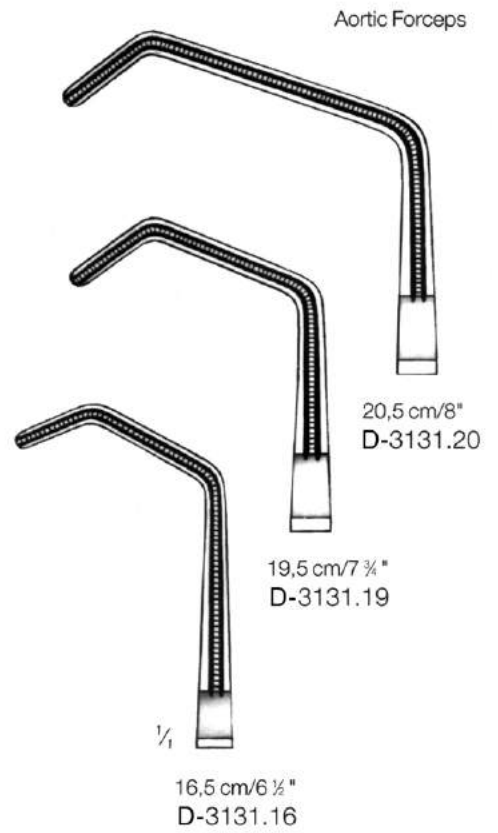
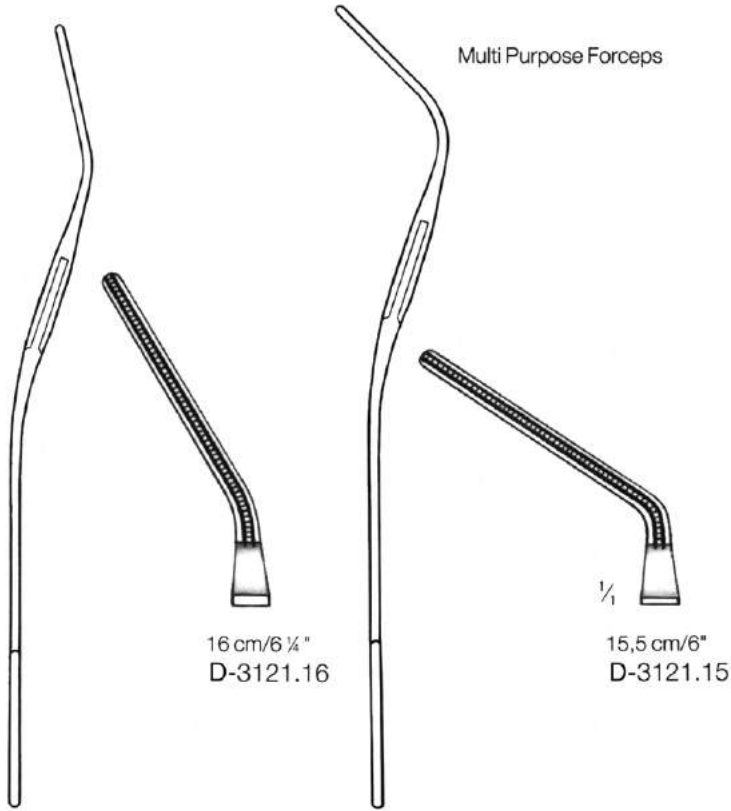
DeBakey
 17 cm/6 3/4" *
 D-3051.17



DeBakey-Derra
 17 cm/6 3/4" *

Anastomosis Forceps





Coarctation Forceps

Patent Ductus Forceps

Patent Ductus Forceps

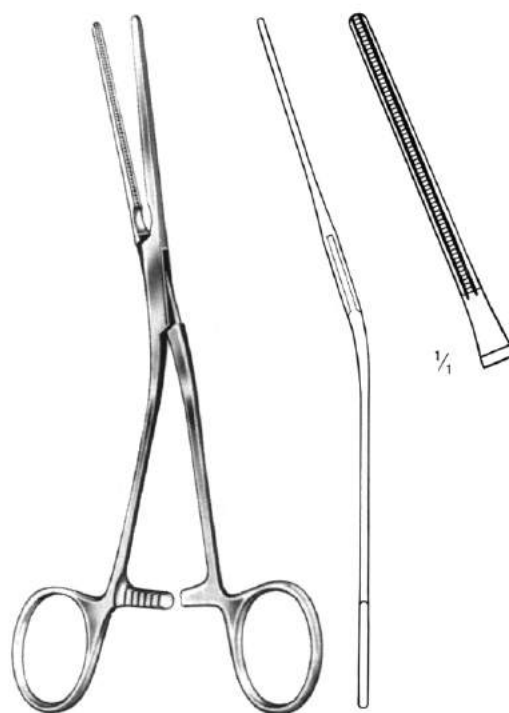


$\frac{1}{4}$
 17 cm/6 $\frac{3}{8}$ "
 D-3200.17

DeBailey

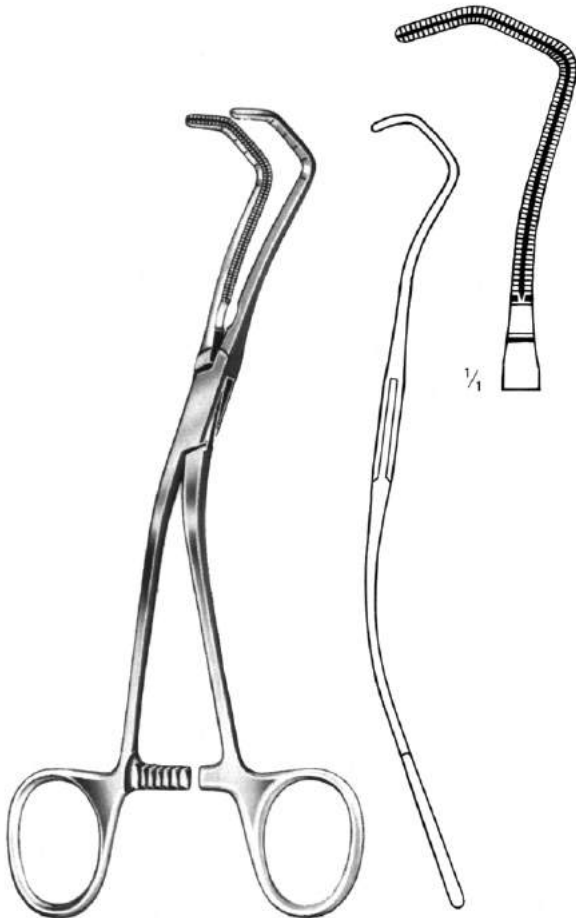
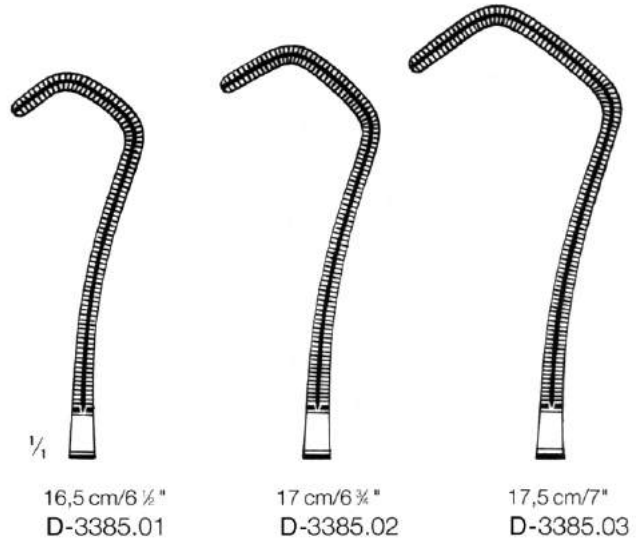


16,5 cm/6 $\frac{1}{2}$ "
 D-3205.16

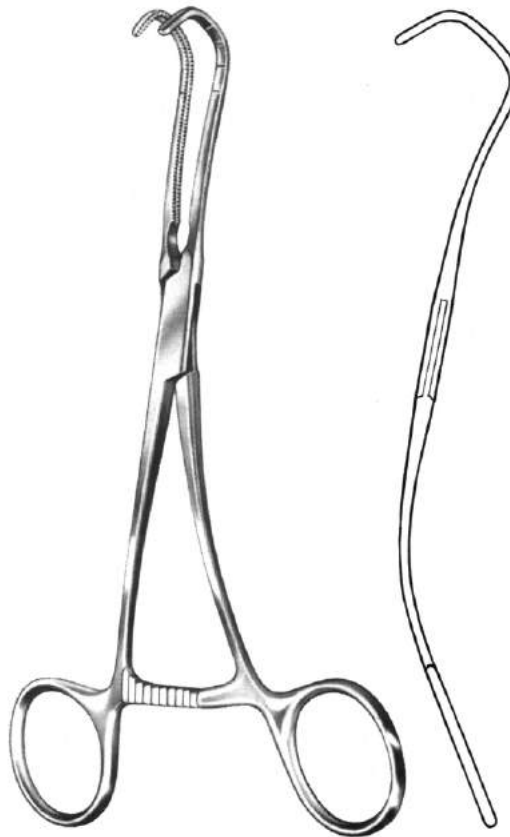


DeBailey
 16,5 cm/6 $\frac{1}{2}$ "
 D-3201.16

Anastomosis Forceps

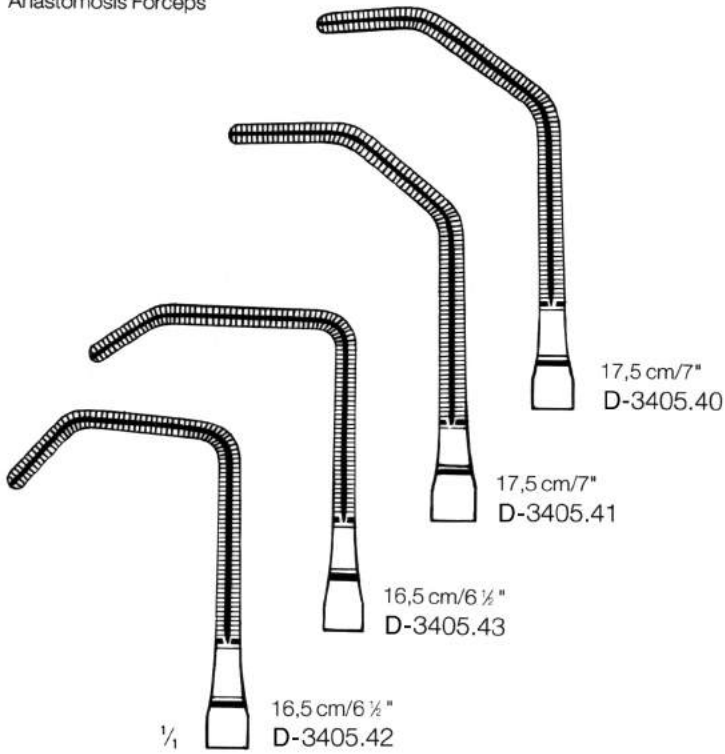


Cooley
 17 cm/6 3/4"
 D-3351.17

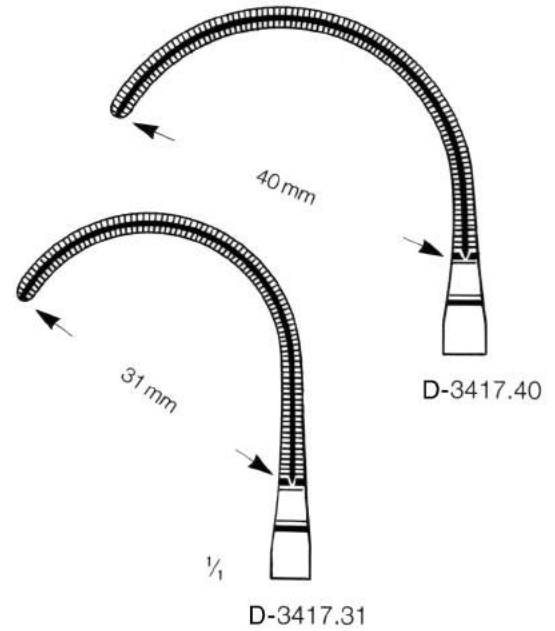


Cooley-Derra

Anastomosis Forceps



Ligature Carriers



Cooley

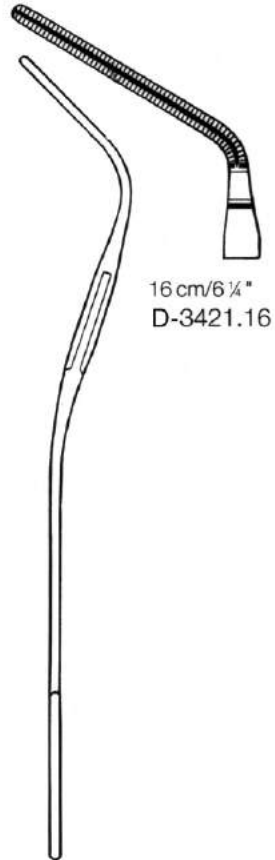
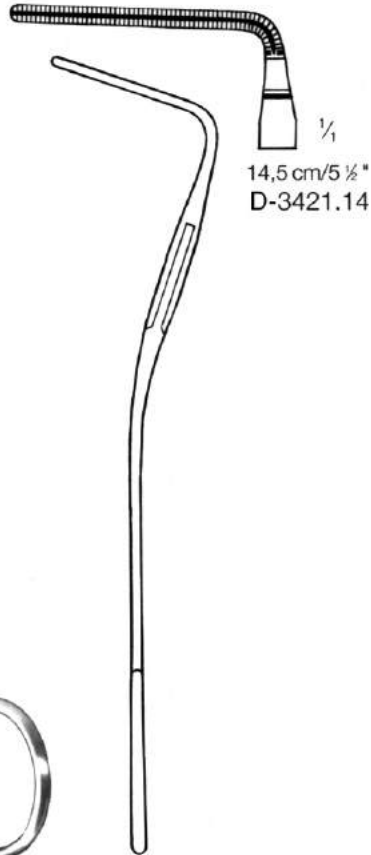


Cooley
 17 cm/6 3/4"

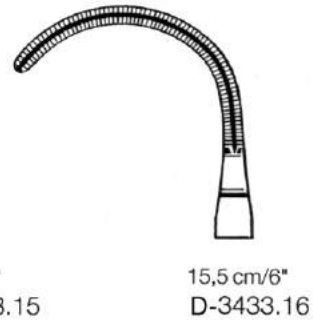
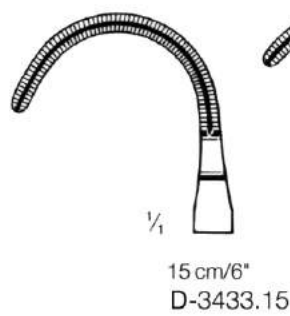
Multi Purpose Forceps



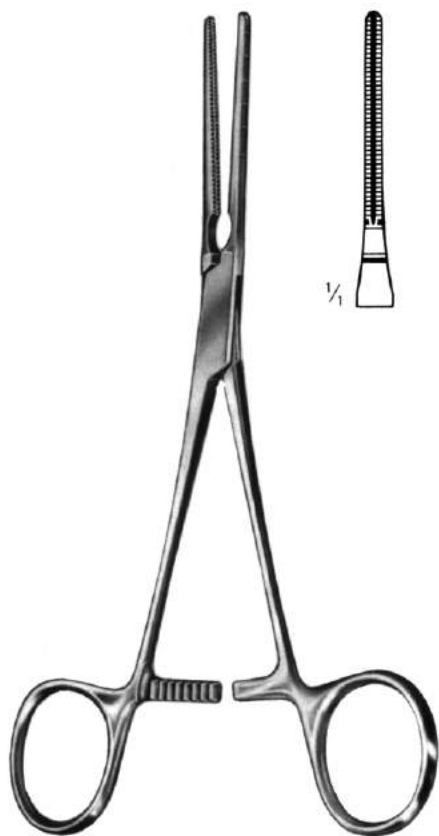
Cooley



Cooley-Beck



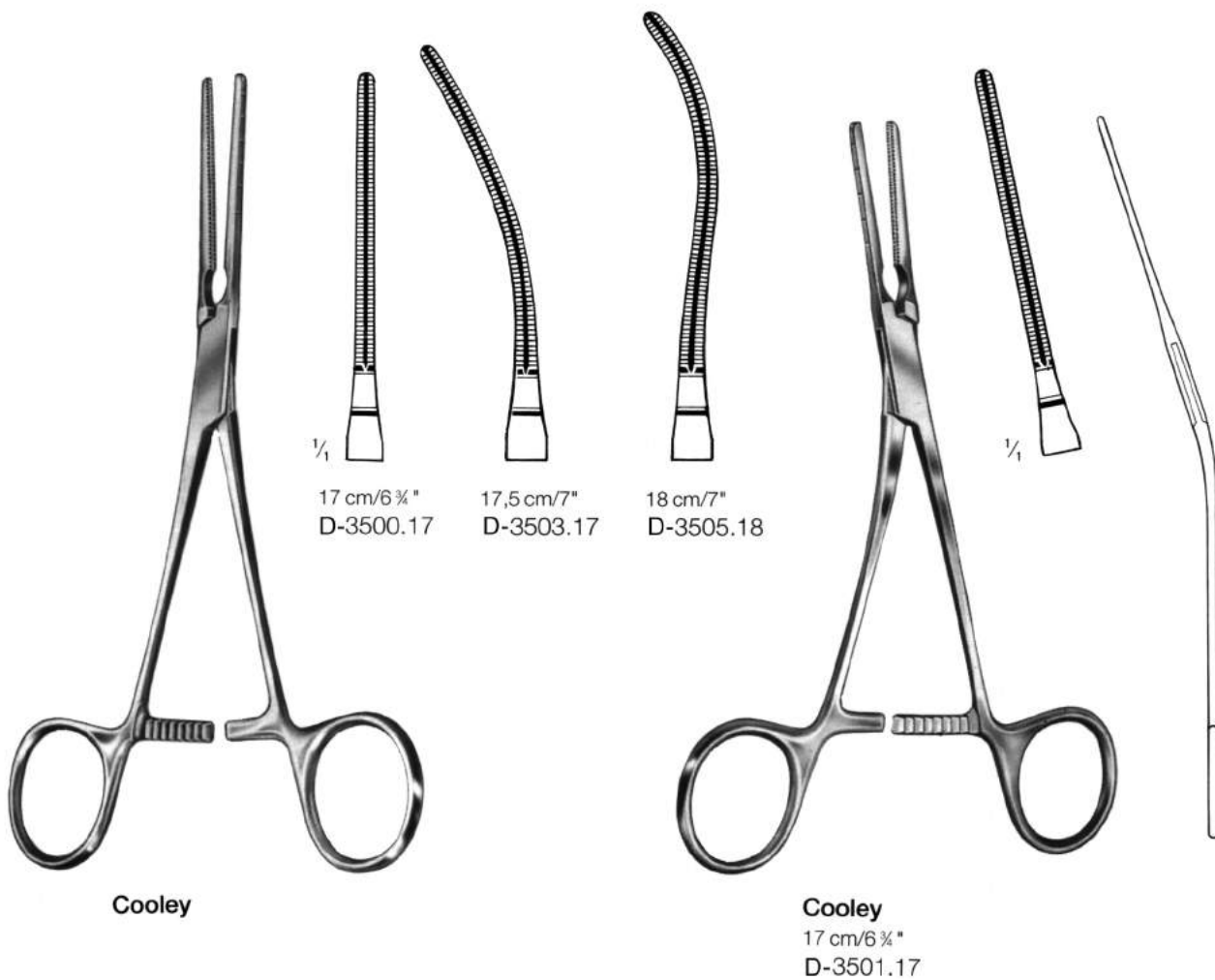
Vascular Clamps

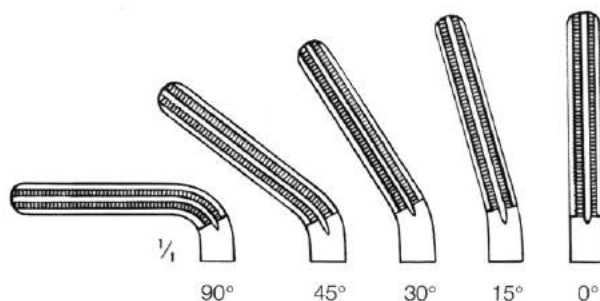


Cooley
16 cm/6 $\frac{1}{4}$ "
D-3500.16



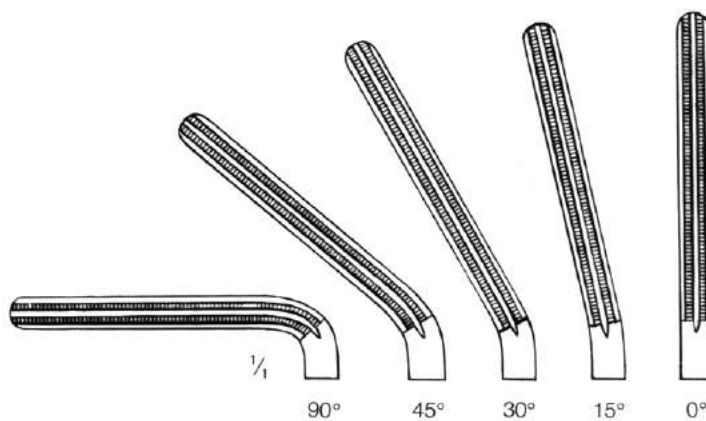
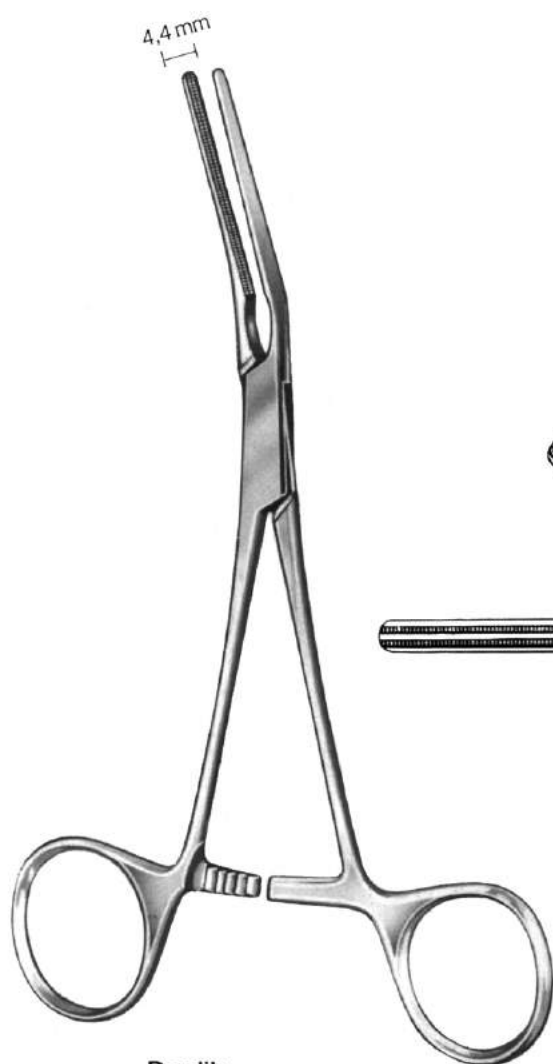
Cooley
16 cm/6 $\frac{1}{4}$ "
D-3501.16





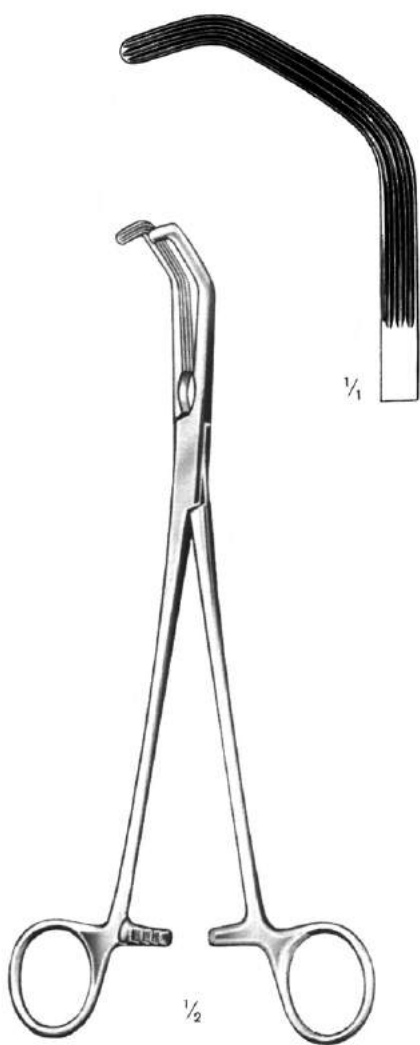
Weight

	cm	inch.	◁	Weight
D-3915.00	15	6	0°	28 g
D-3915.15	15	6	15°	28 g
D-3915.30	15	6	30°	28 g
D-3915.45	15	6	45°	28 g
D-3915.90	14	5 ½	90°	28 g

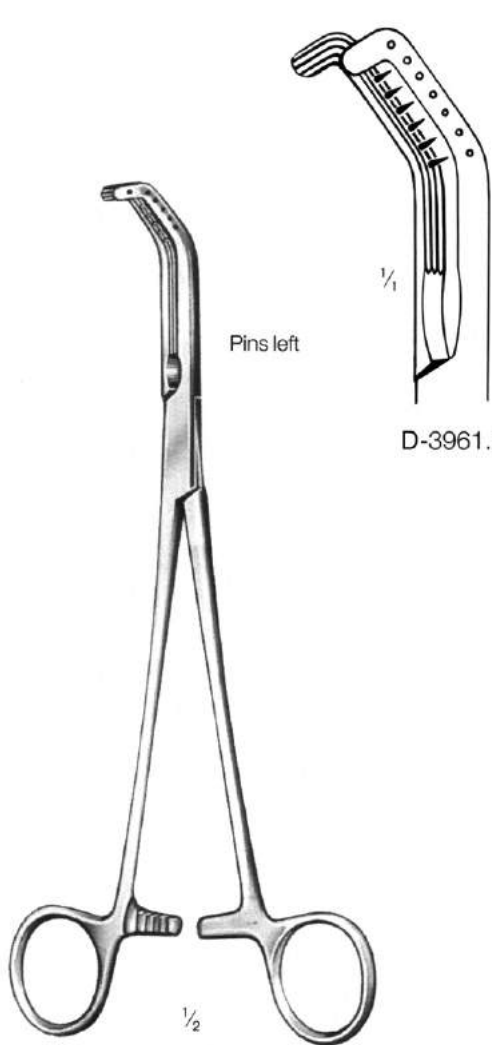


Weight

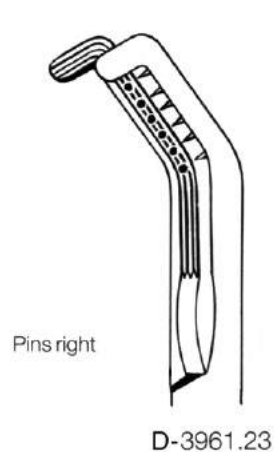
	cm	inch.	◁	Weight
D-3917.00	17	6 ¾	0°	28 g
D-3917.15	17	6 ¾	15°	28 g
D-3917.30	17	6 ¾	30°	28 g
D-3917.45	17	6 ¾	45°	28 g
D-3917.90	16	6 ¼	90°	28 g



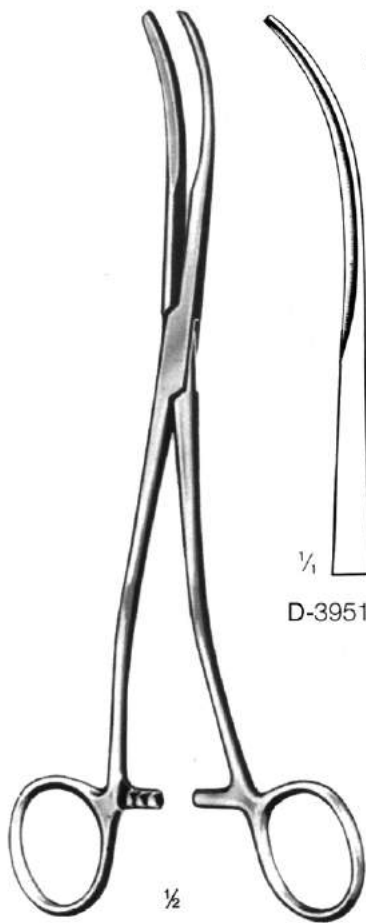
Price-Thomas
 22 cm/8 3/4"
 D-3957.22



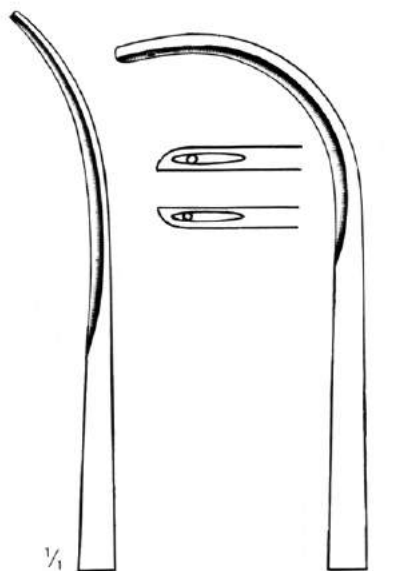
Price-Thomas
 22 cm/8 3/4"



D-3961.23

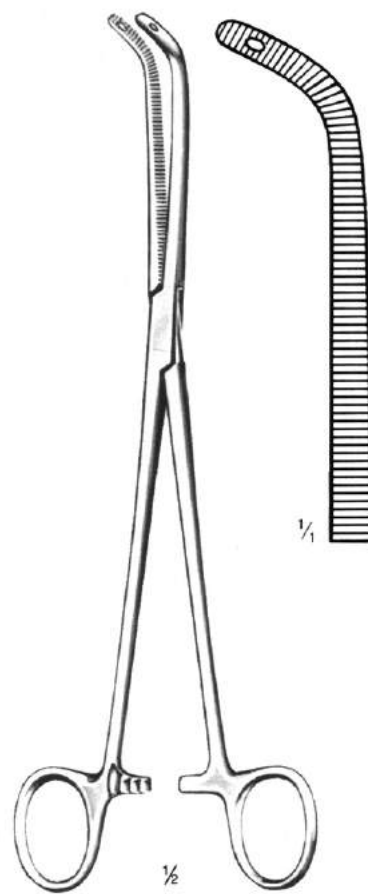


Semb
 24 cm/9 1/2"



D-3951.24

D-3951.23



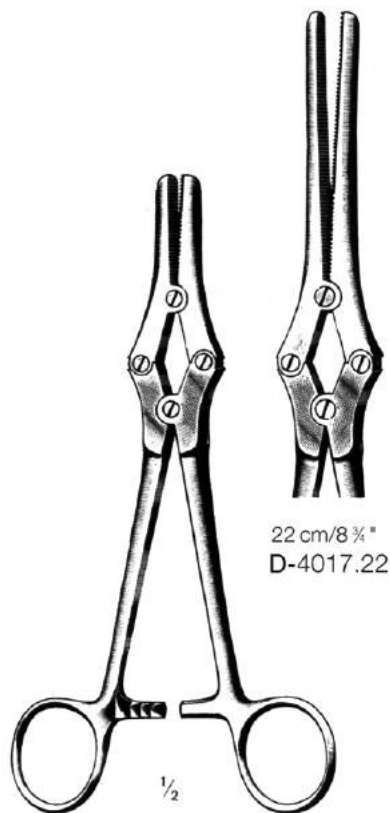
Finocchietto
 24 cm/9 1/2"
 D-3955.25

Pylorus Separator



Benson
 15 cm/6"
 D-4005.15

Appendectomy Clamps

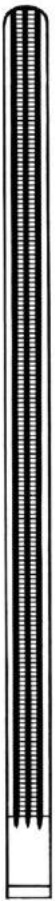
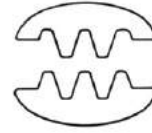
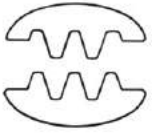


Zweifel
 17 cm/6 ¾"
 D-4017.17

Appendectomy Clamp and Spur Crusher



Kleinschmidt
 12 cm/4 ¾"
 D-4023.12



25 cm/10"
D-4124.25

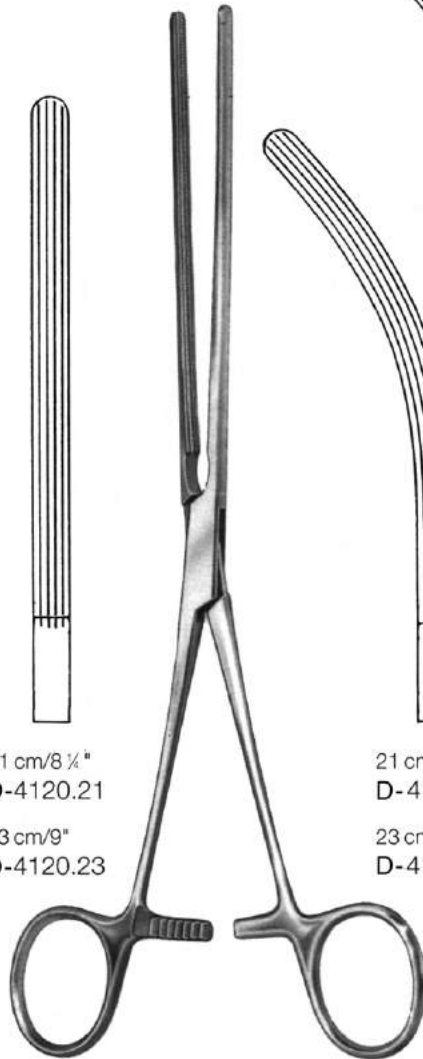


25 cm/10"
D-4120.25

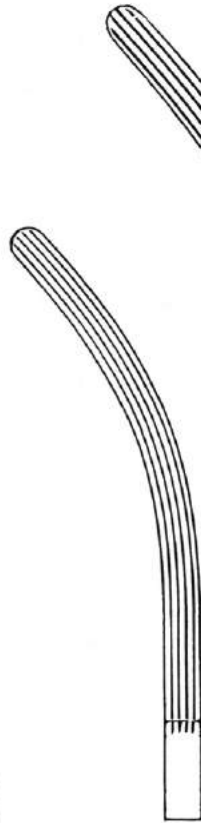


21 cm/8 1/4"
D-4120.21

23 cm/9"
D-4120.23



Mayo-Robson

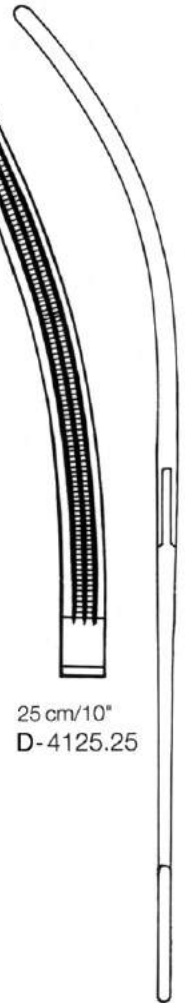


21 cm/8 1/4"
D-4121.21

23 cm/9"
D-4121.23

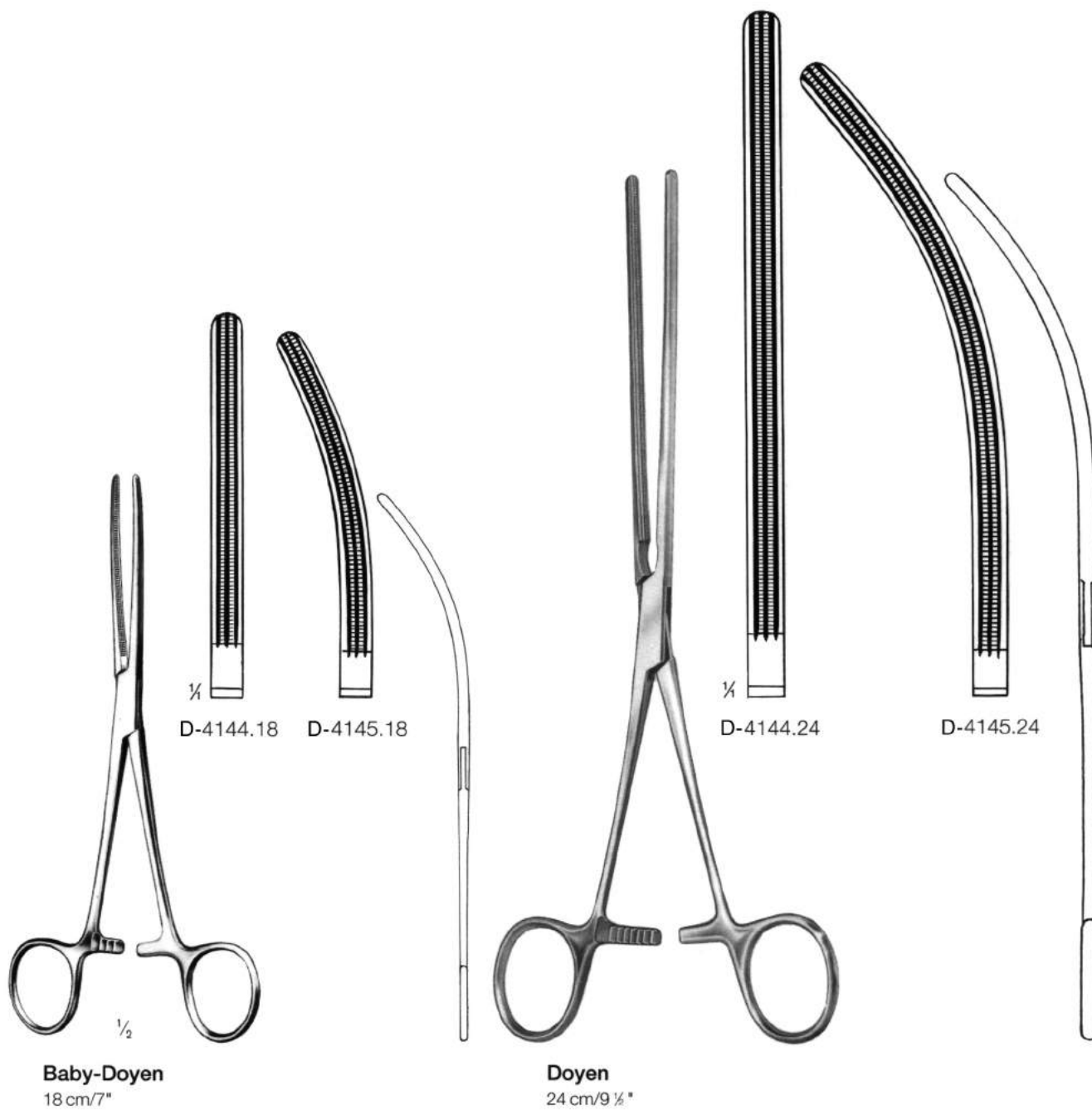


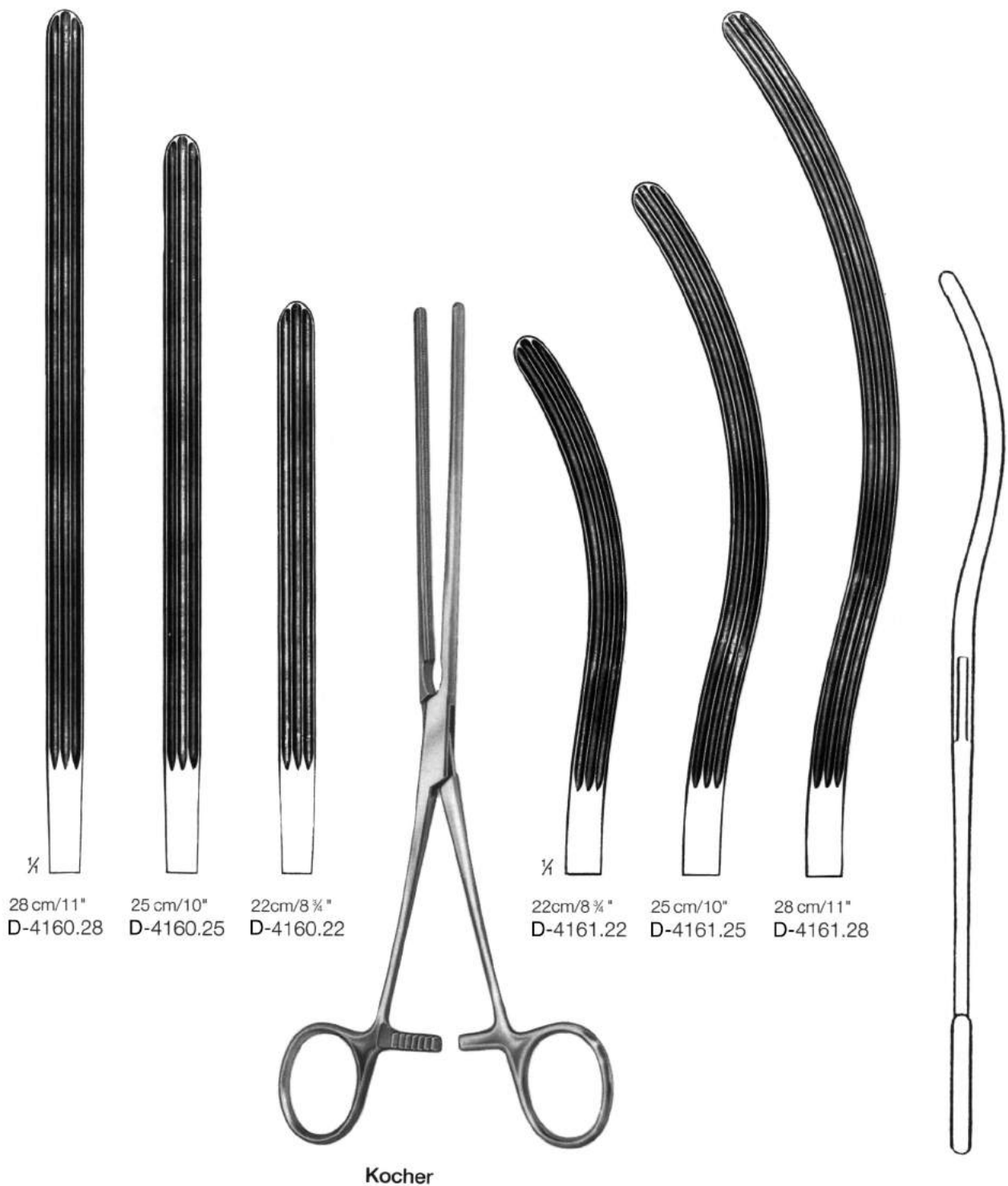
25 cm/10"
D-4121.25



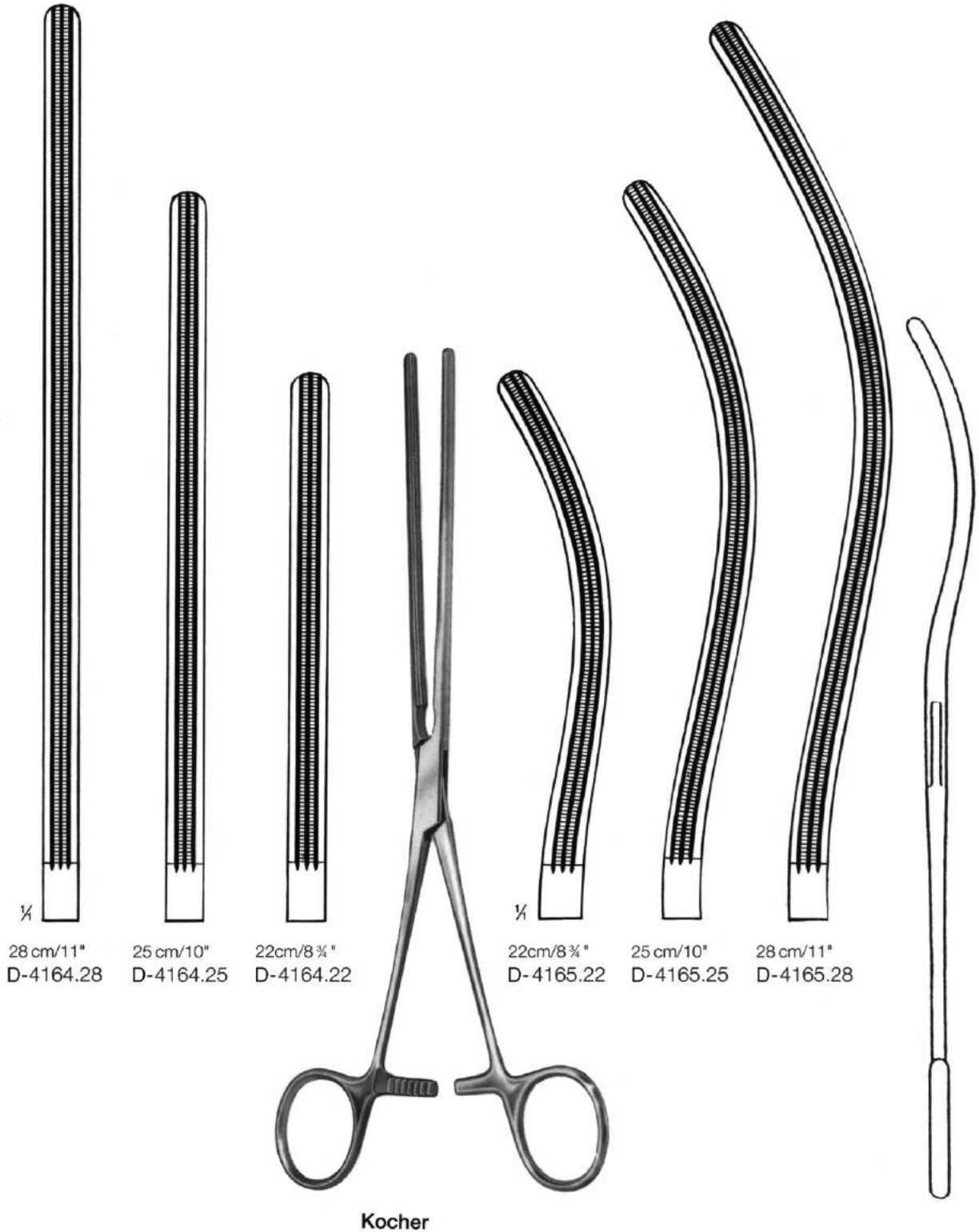
25 cm/10"
D-4125.25

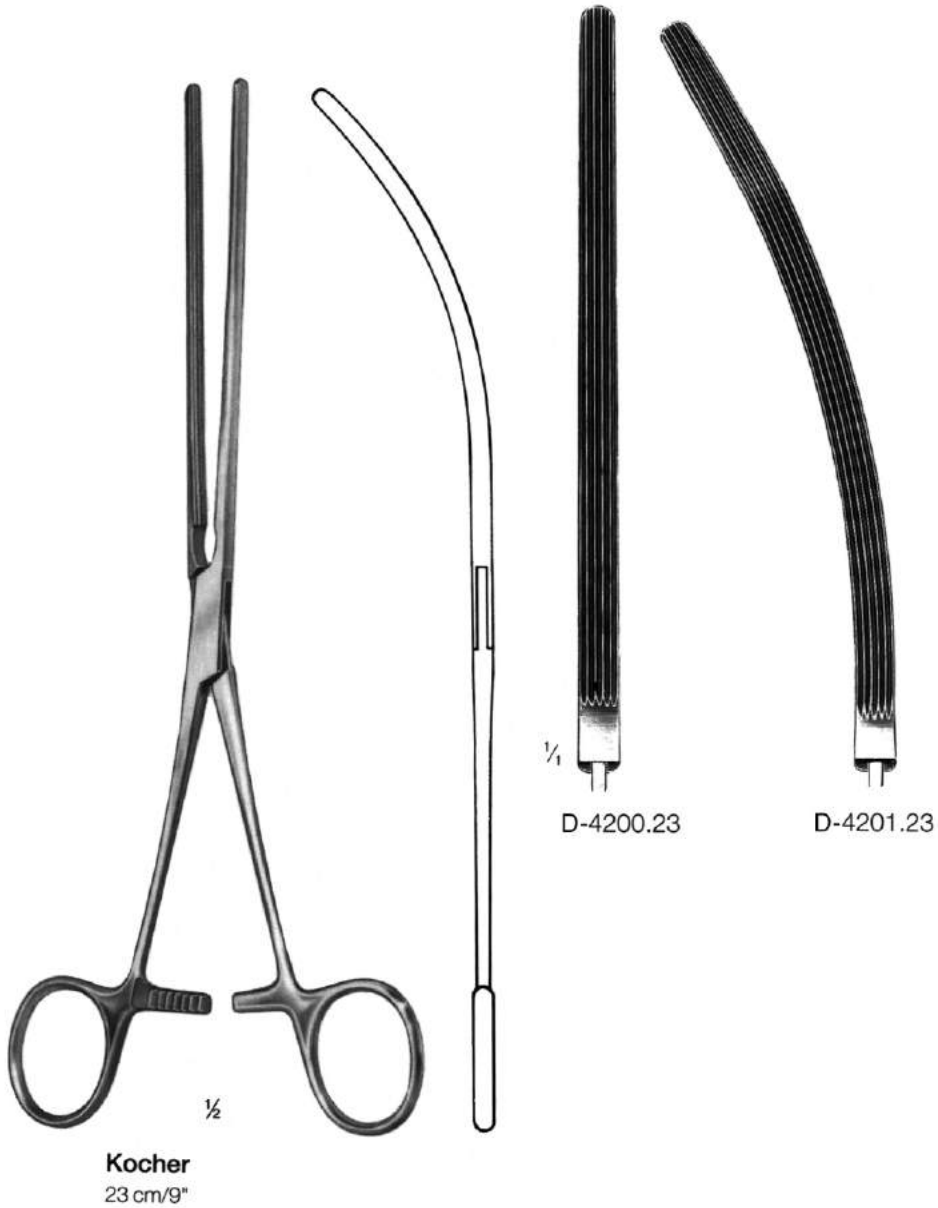




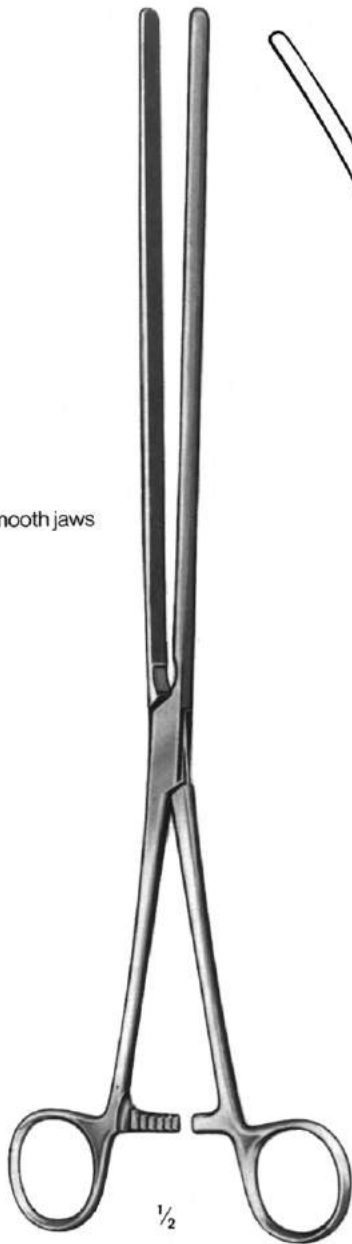


Intestinal clamp forceps
 pinces-clamps pour l'intestin
 pinzas-clamps intestiales



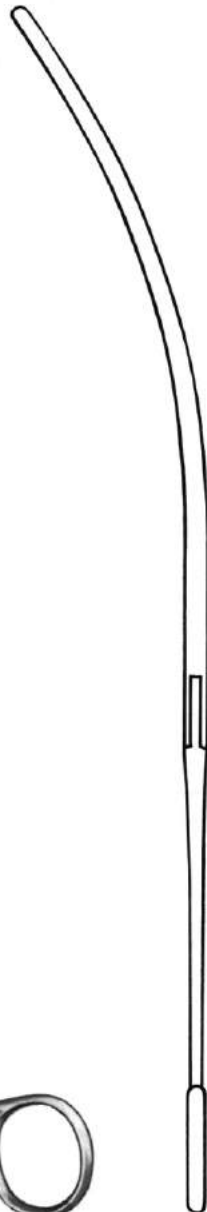


smooth jaws



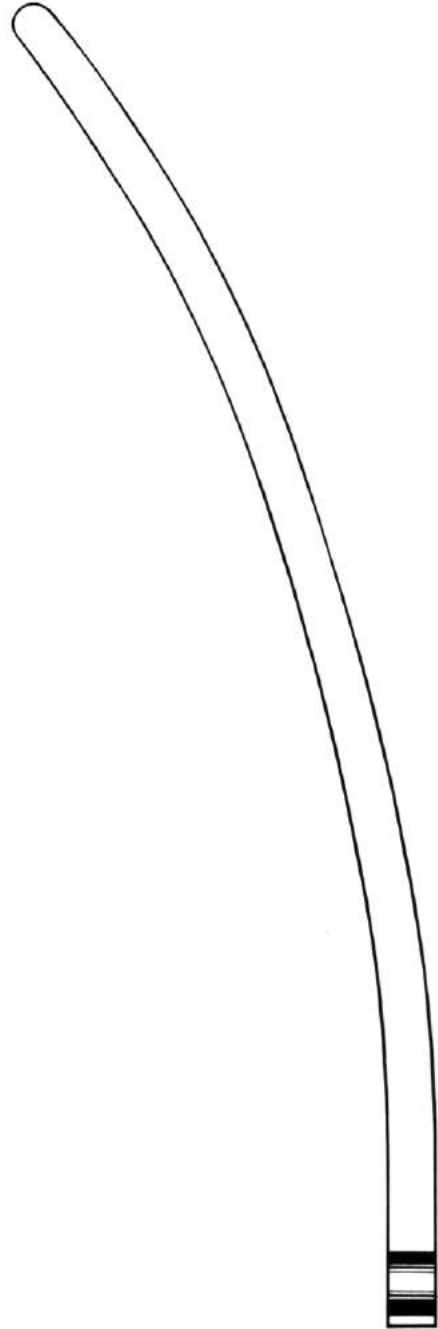
Scudder
33 cm/13"

$\frac{1}{2}$

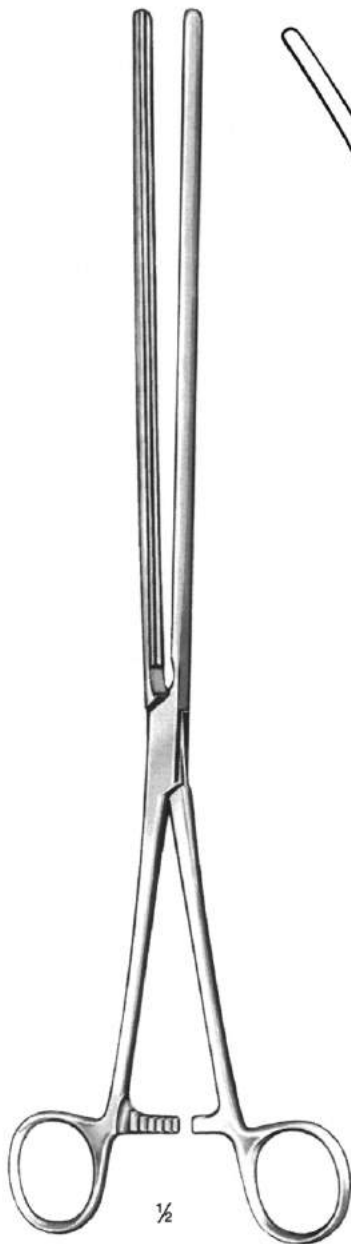


$\frac{1}{4}$

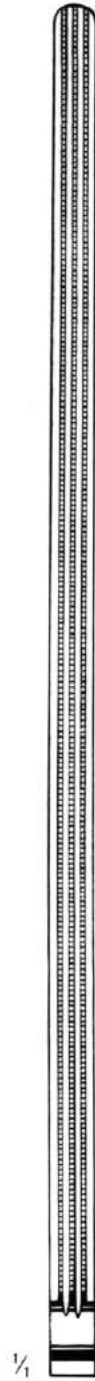
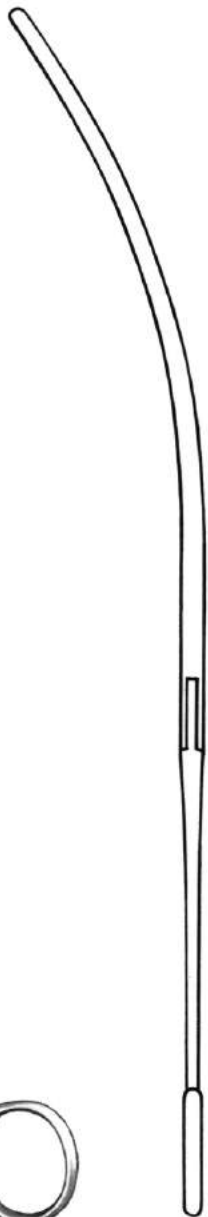
D-4230.33



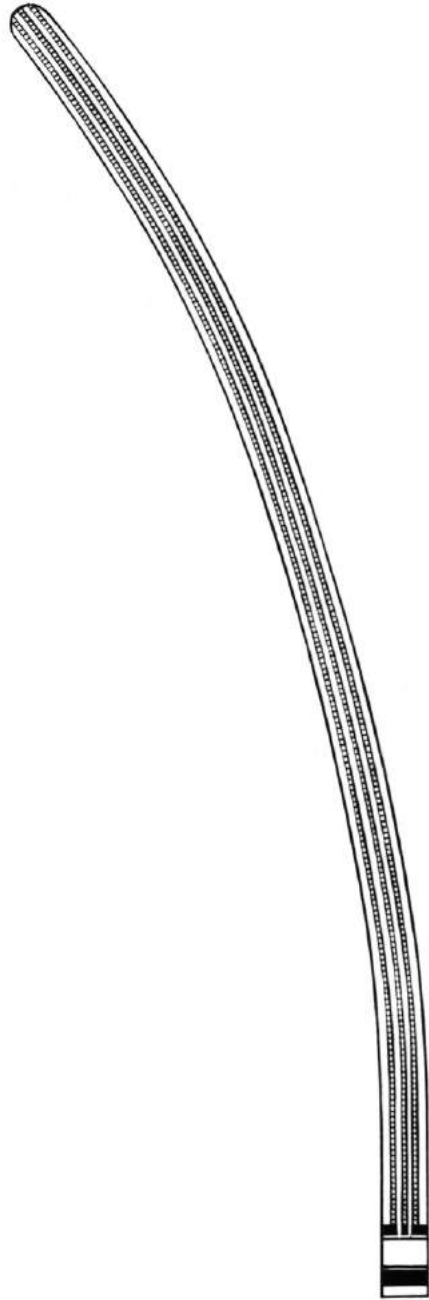
D-4231.33



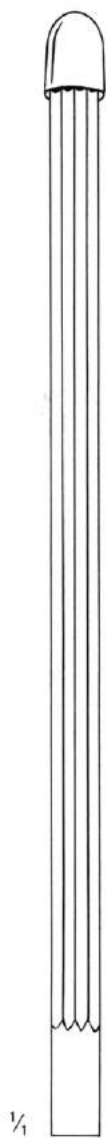
Scudder
33 cm/13"



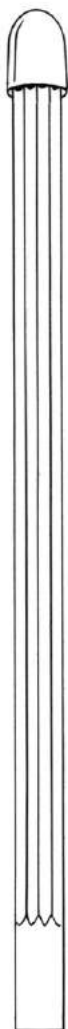
D-4234.33



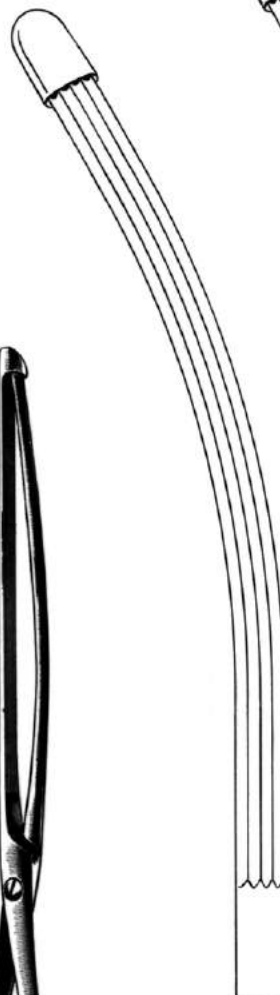
D-4235.33



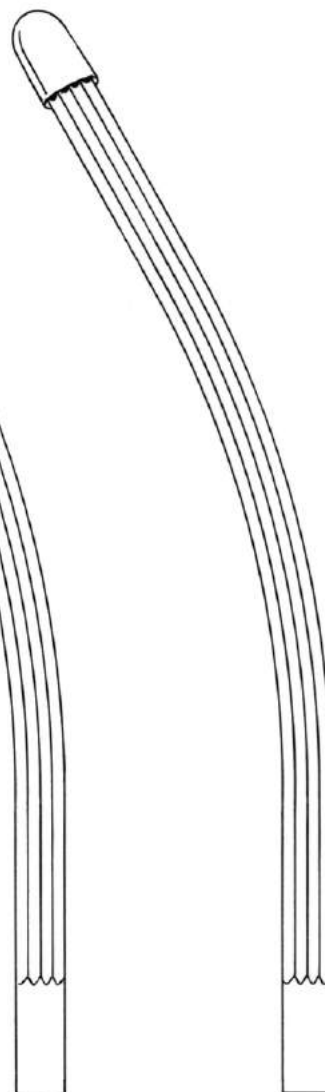
$\frac{1}{4}$
30,5 cm/12"
D-4300.30



25,5 cm/10"
D-4300.25



25,5 cm/10"
D-4301.25



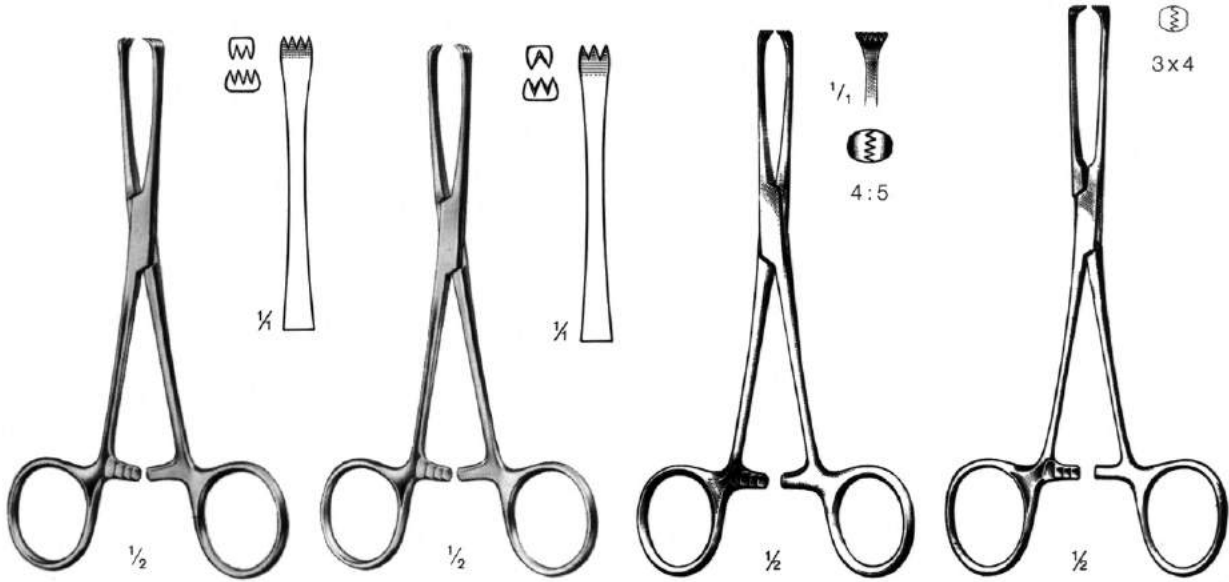
30,5 cm/12"
D-4301.30



Nussbaum

**Stomach clamp forceps
pincers-clamps stomacales
pinzas-clamps estomacales**



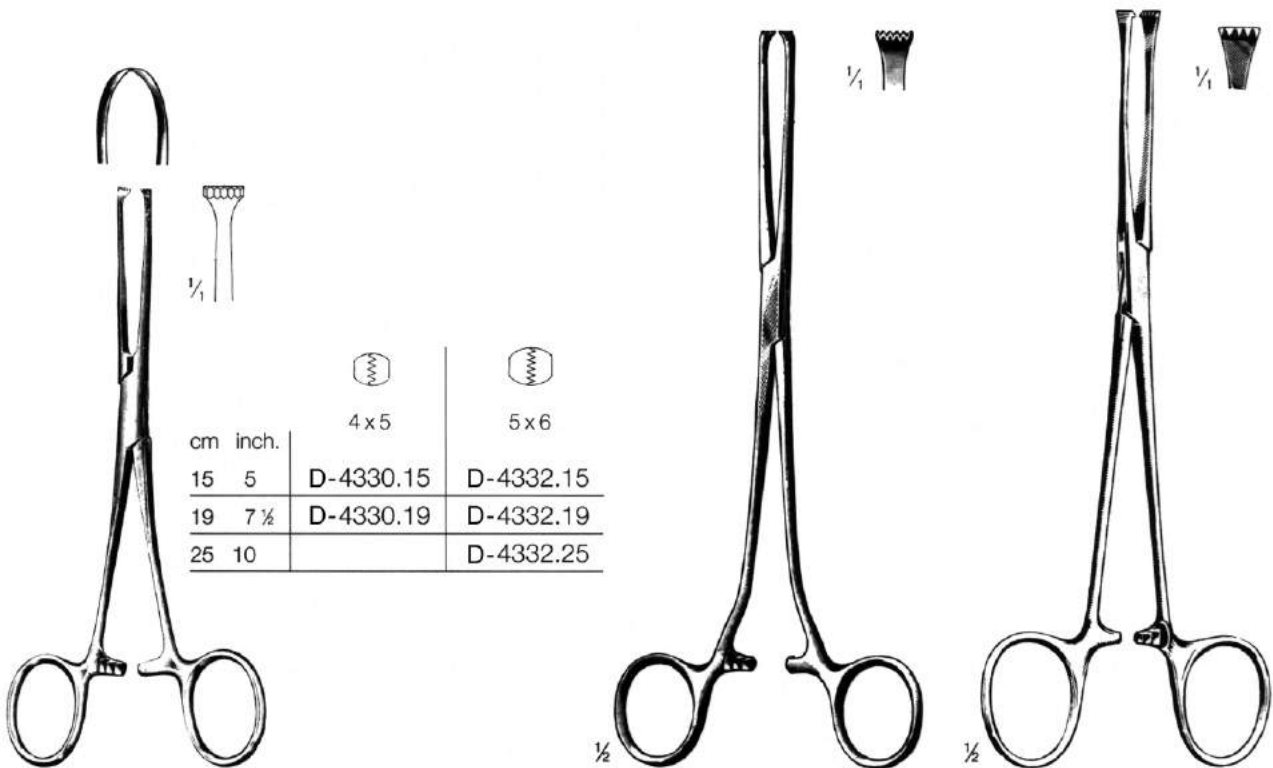


Tuffier
 13 cm/5"
 D-4310.13

Chaput
 13 cm/5"
 D-4312.13

Allis-Baby
 14 cm/5 1/2"
 D-4322.14

Allis
 15 cm/6"
 D-4328.15

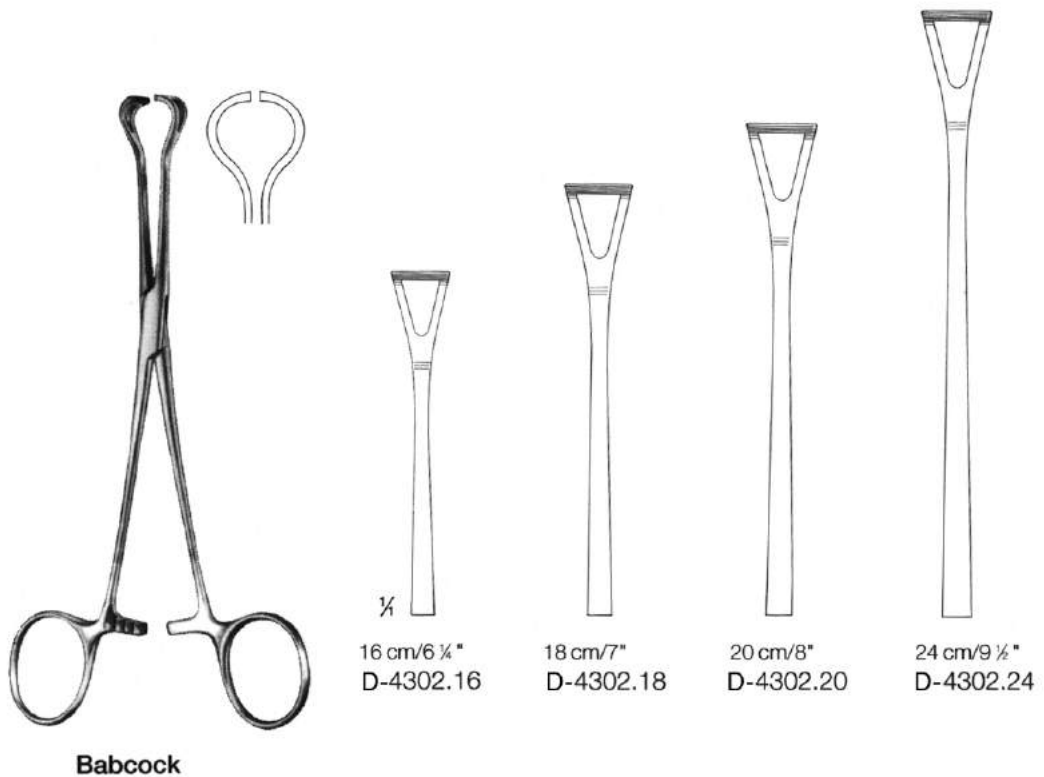
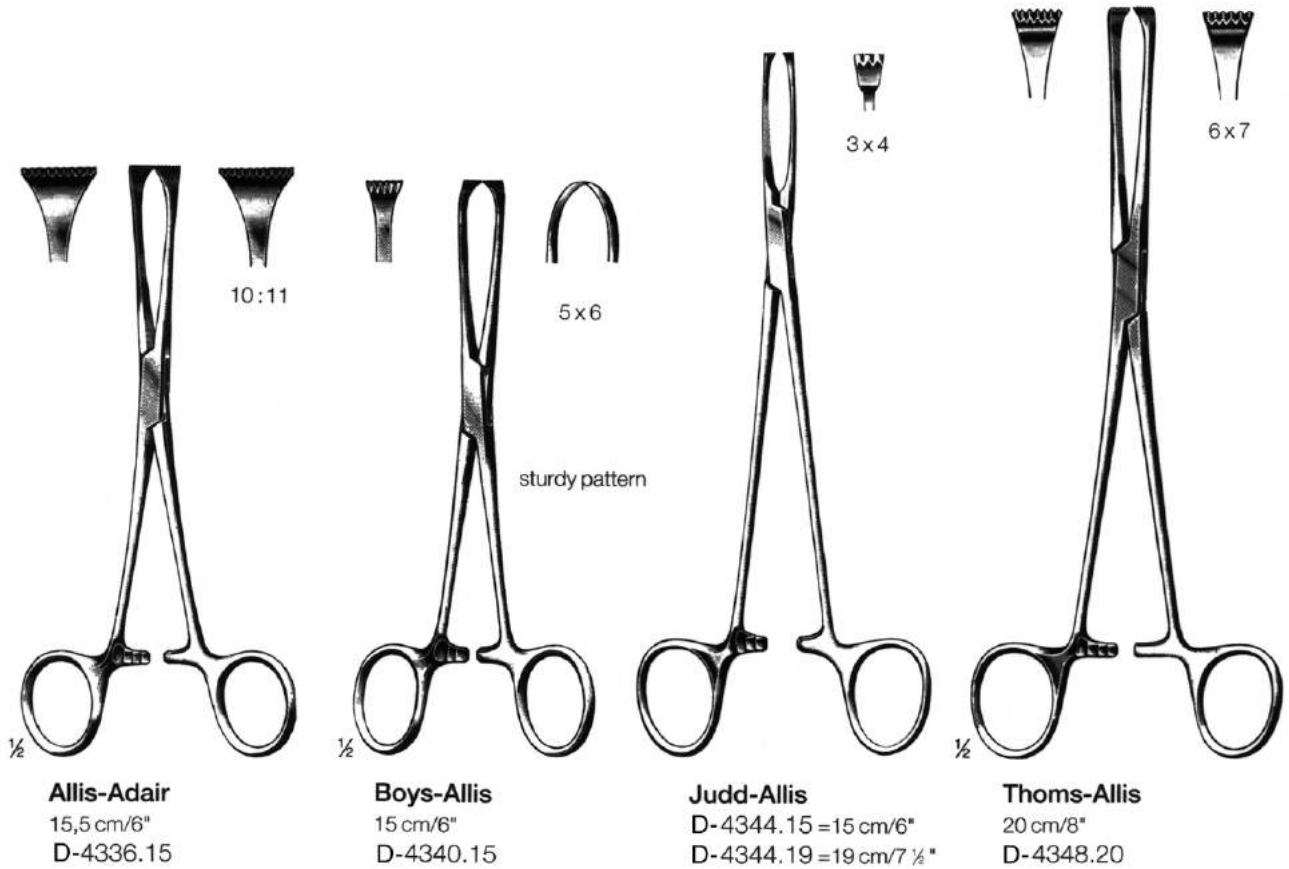


cm	inch.	4 x 5	5 x 6
15	5	D-4330.15	D-4332.15
19	7 1/2	D-4330.19	D-4332.19
25	10		D-4332.25

Allis

Allis
 20 cm/8"
 D-4334.20

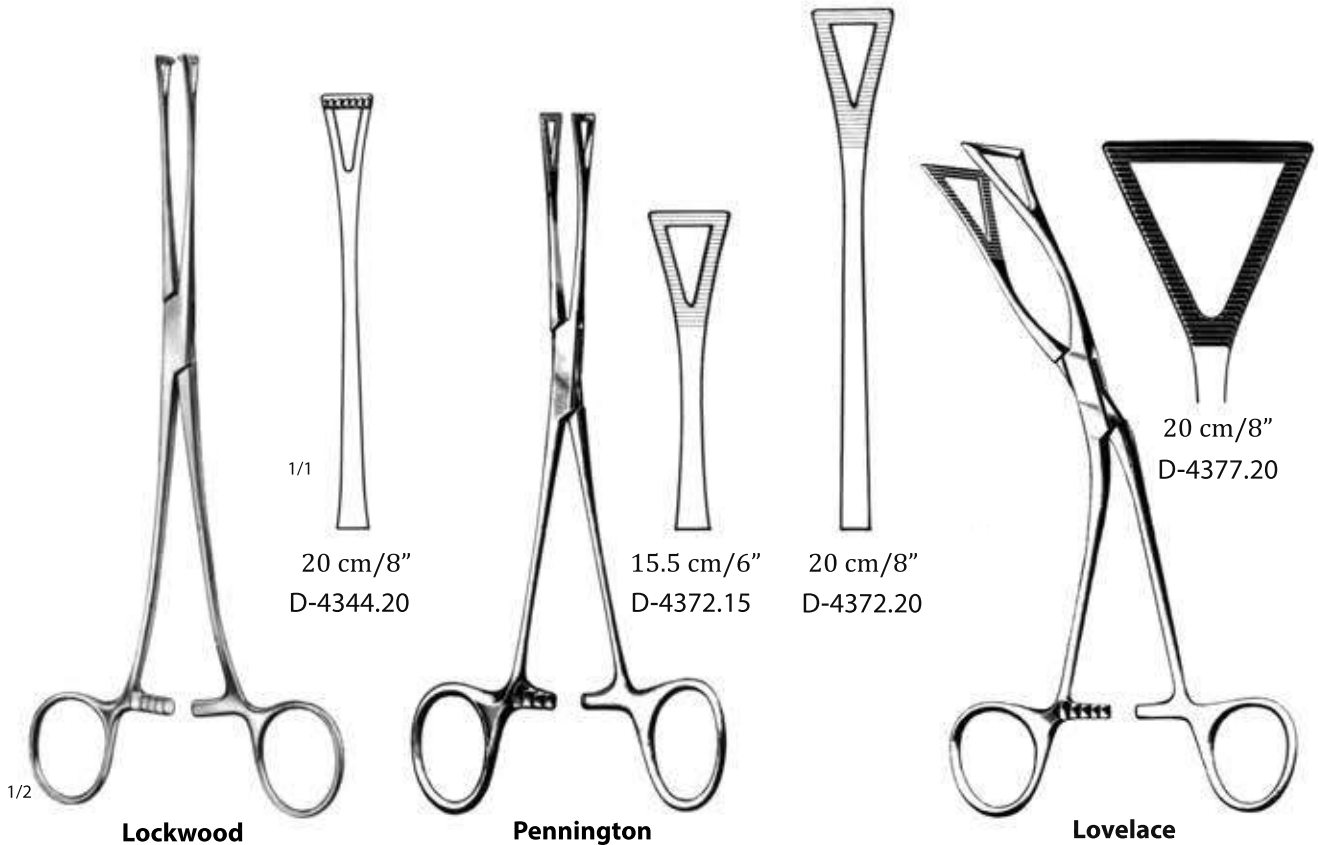
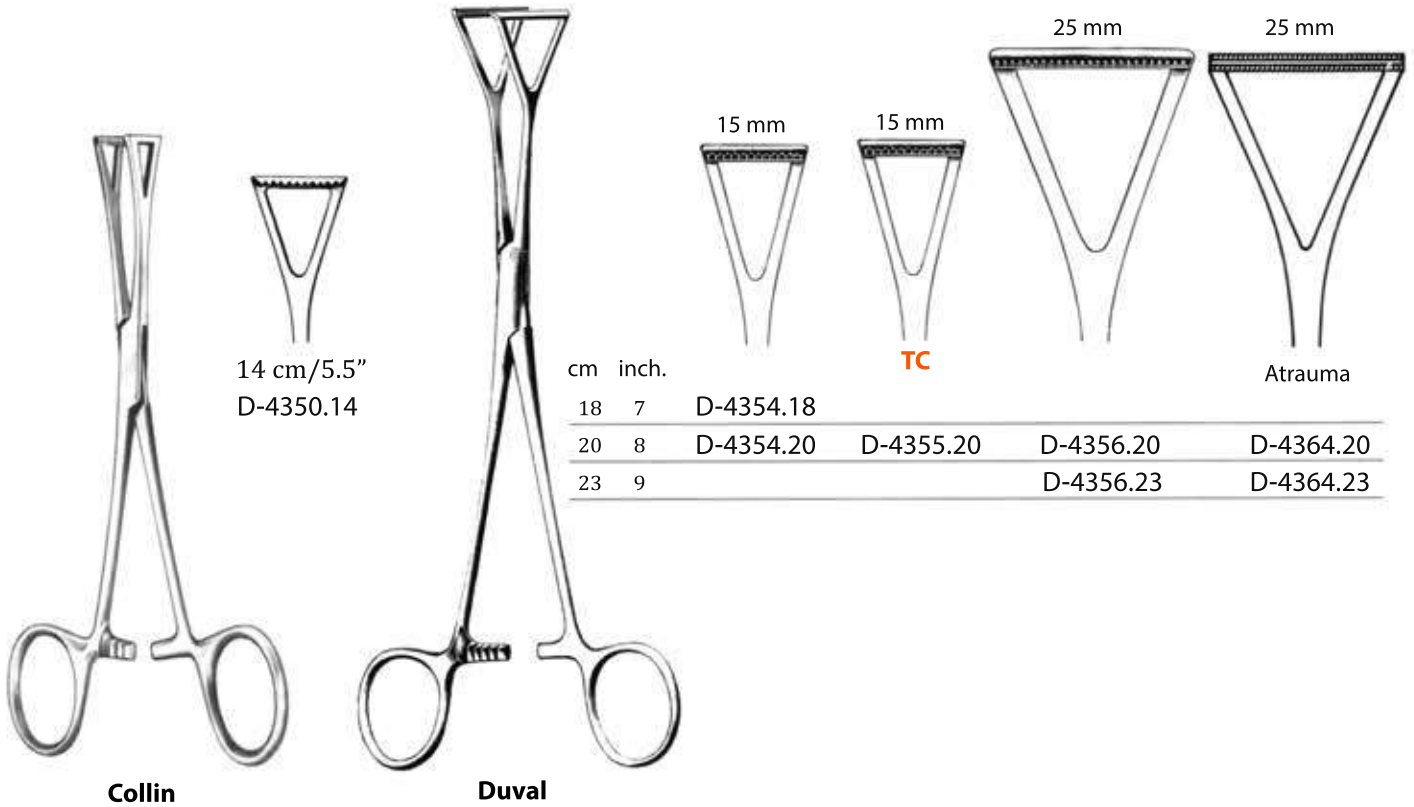
Lockwood-Allis
 20 cm/8"
 D-4346.20



Intestinal Grasping Forceps

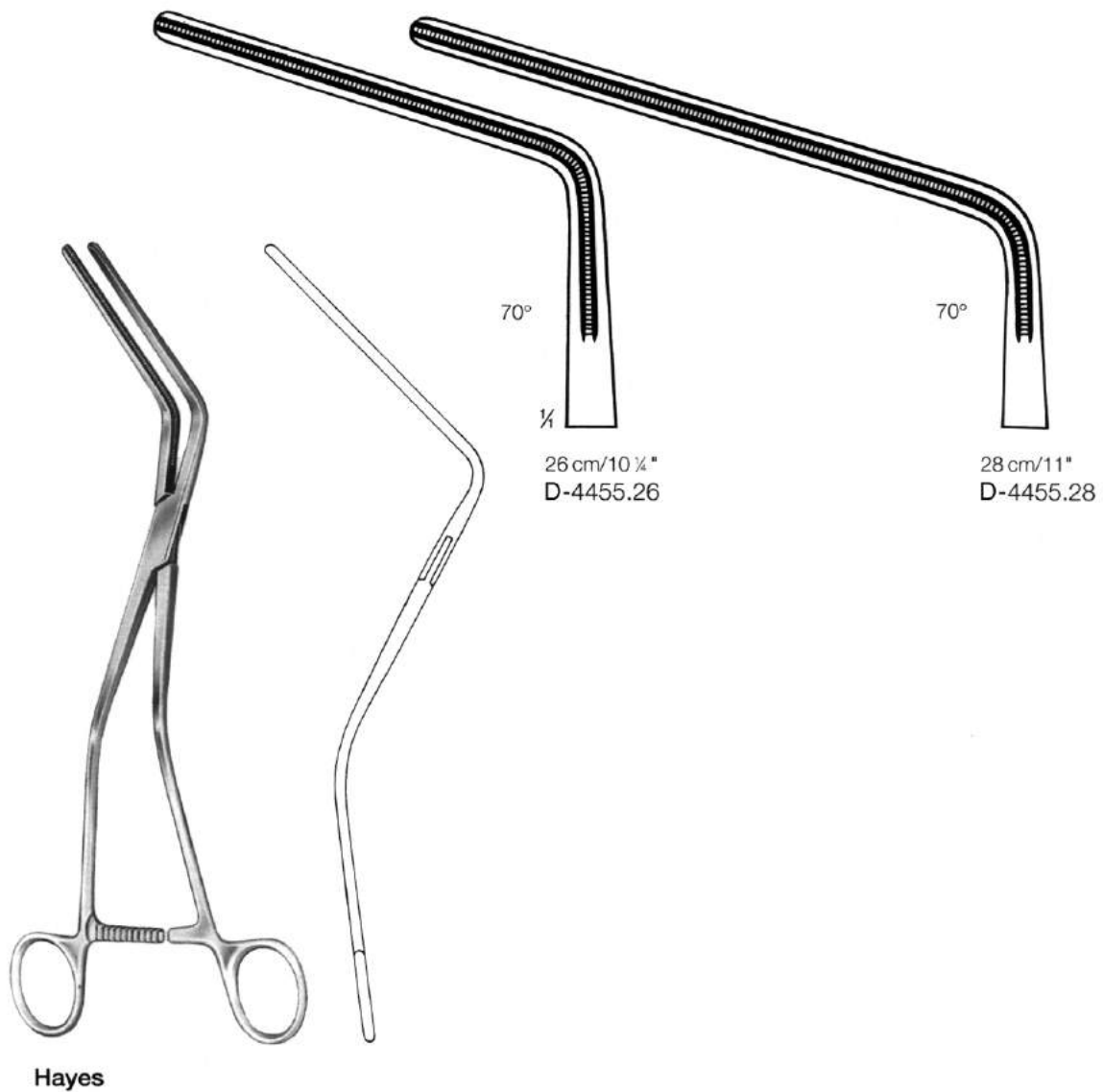
Intestinale saisissant le Pinces

Pinza intestinal

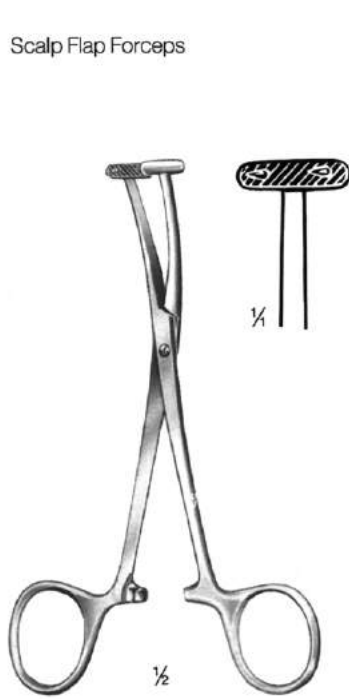




Sigmoid anastomosis forceps
Pinces pour anastomoses du sigmoïde
Pinzas para anastomosis del recto



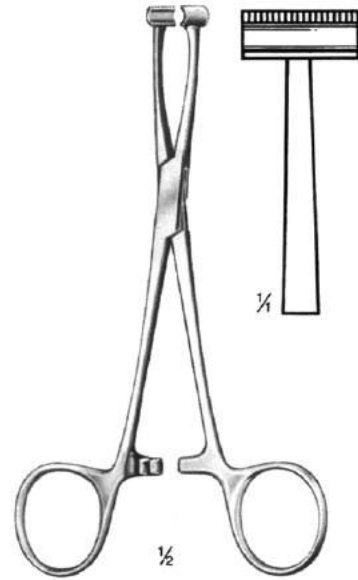
Scalp Flap Forceps



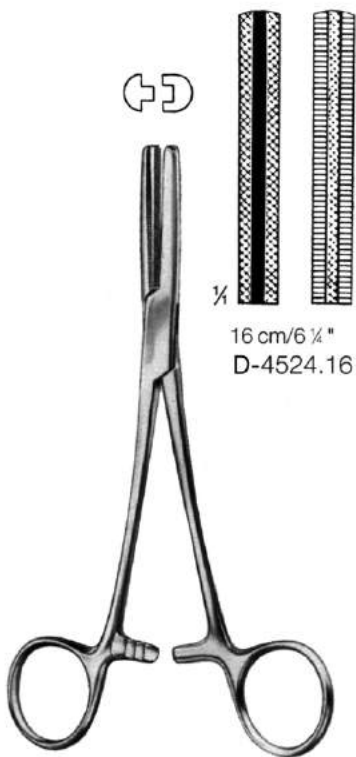
DeMartel
 14 cm/5 1/2"
 D-4501.14



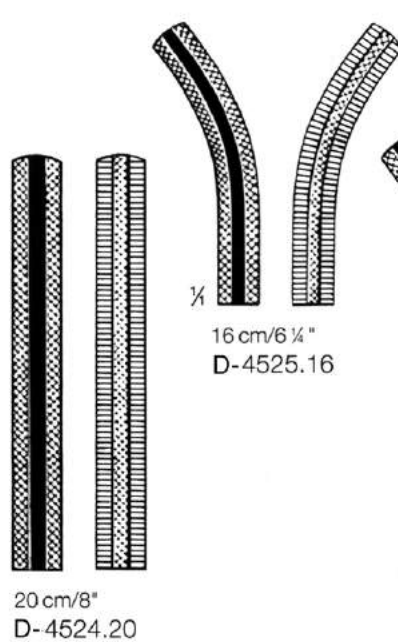
DeMartel (Willett)
 18 cm/7"
 D-4501.18



Pratt
 15 cm/6"
 D-4504.15



Fergusson



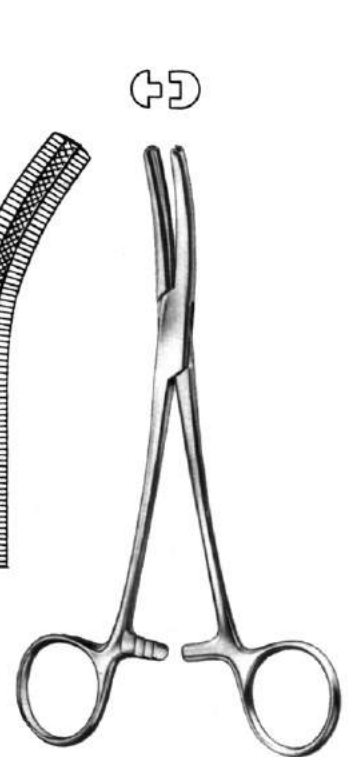
Haemorrhoidal Forceps

16 cm/6 1/4"
 D-4524.16

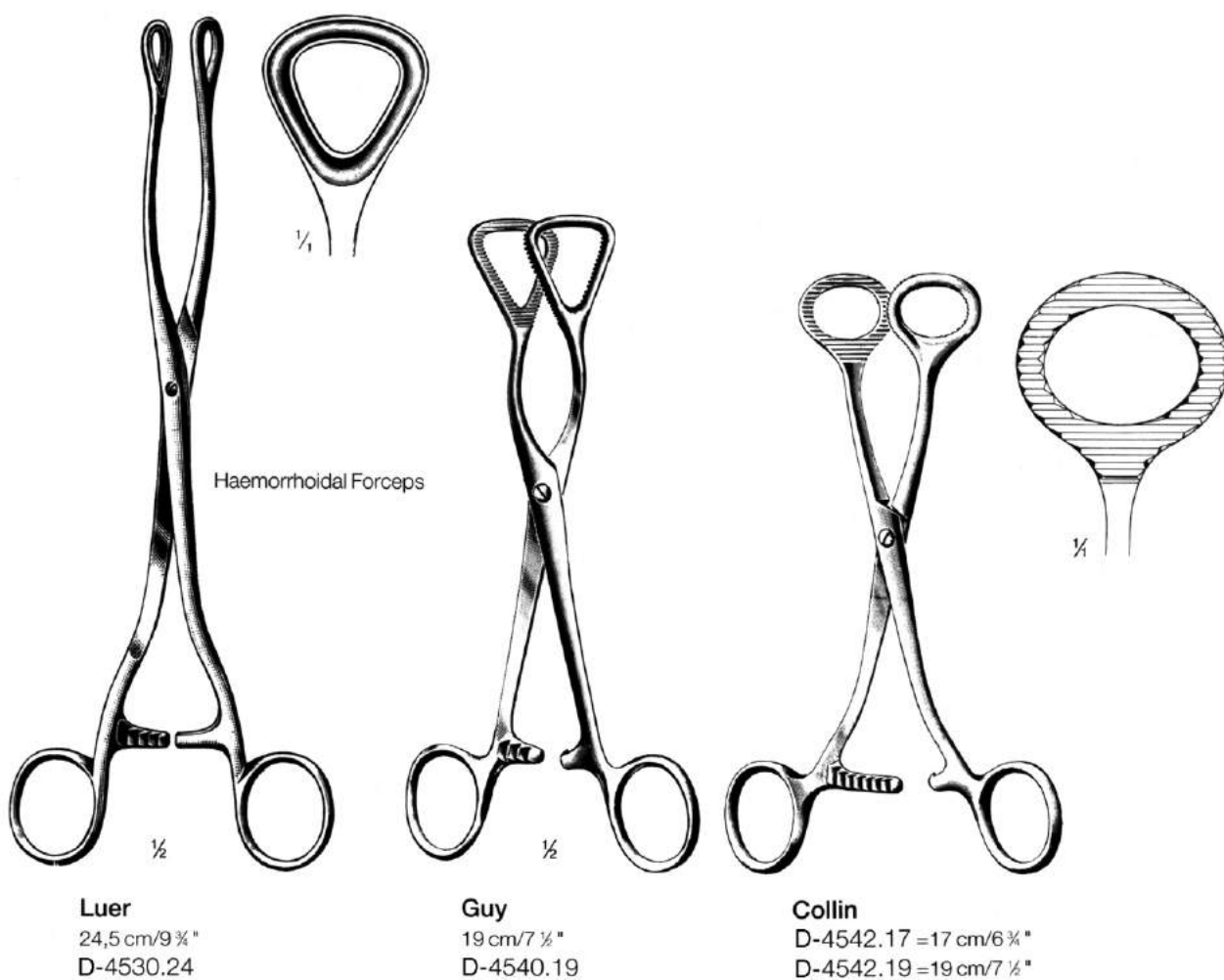
16 cm/6 1/4"
 D-4525.16

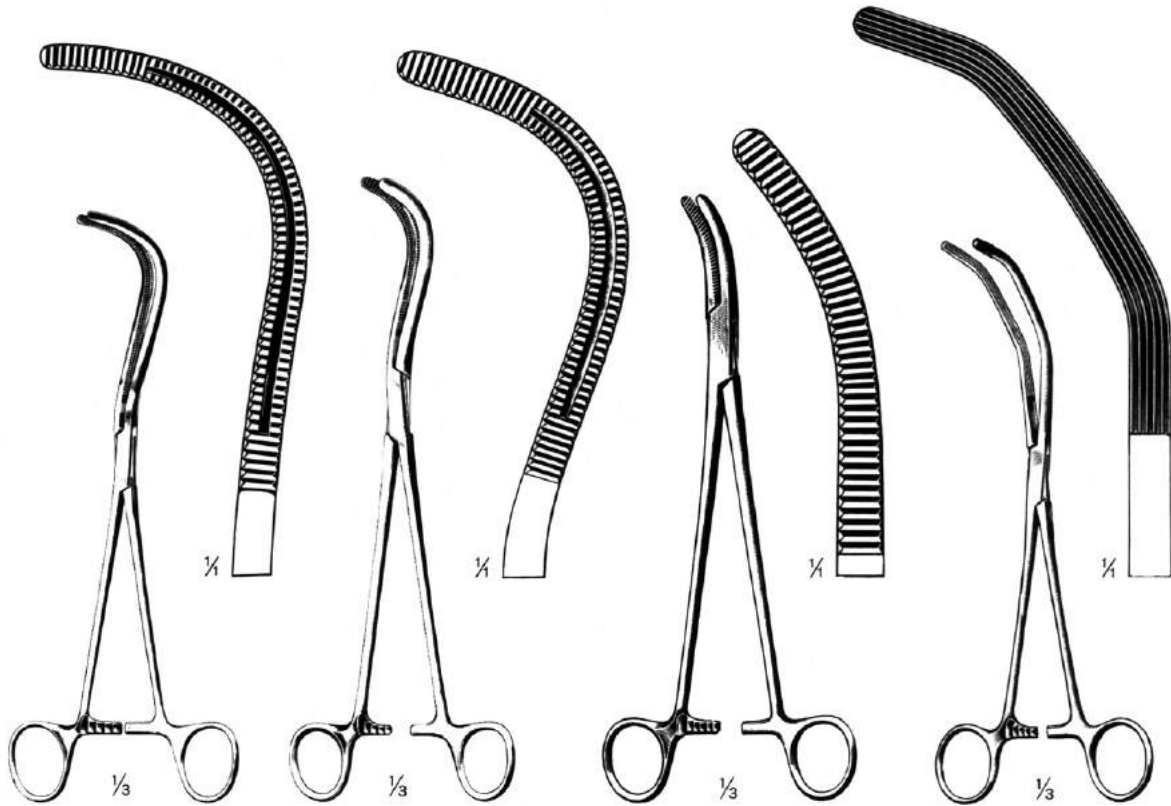
20 cm/8"
 D-4524.20

20 cm/8"
 D-4525.20



Fergusson





Stille
 22 cm/8 5/8"
 D-4601.22

Stille
 24 cm/9 1/2"
 D-4601.24

Wertheim
 25 cm/10"
 D-4613.25

Herrick
 23 cm/9"
 D-4621.23



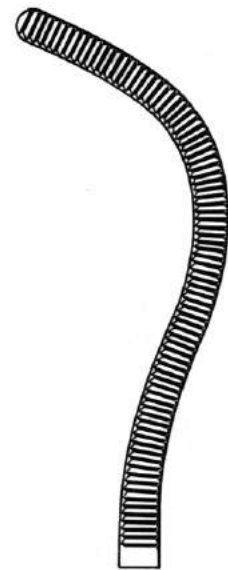
Péan



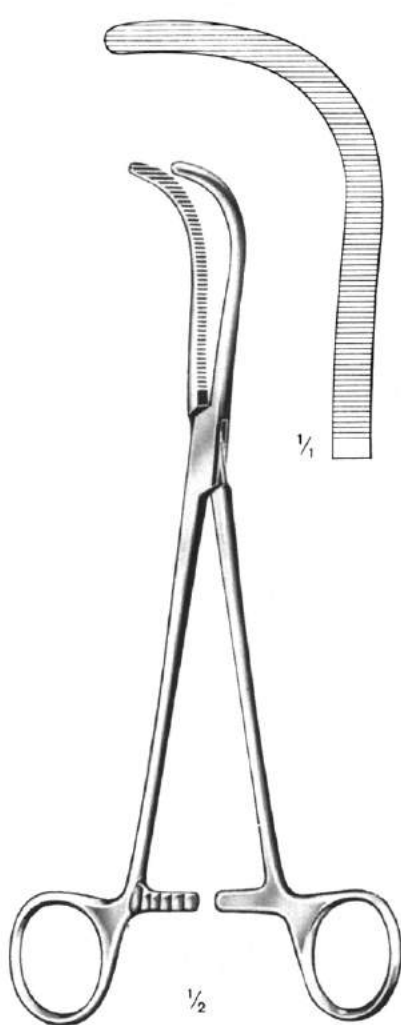
20 cm/8"
 D-4623.20



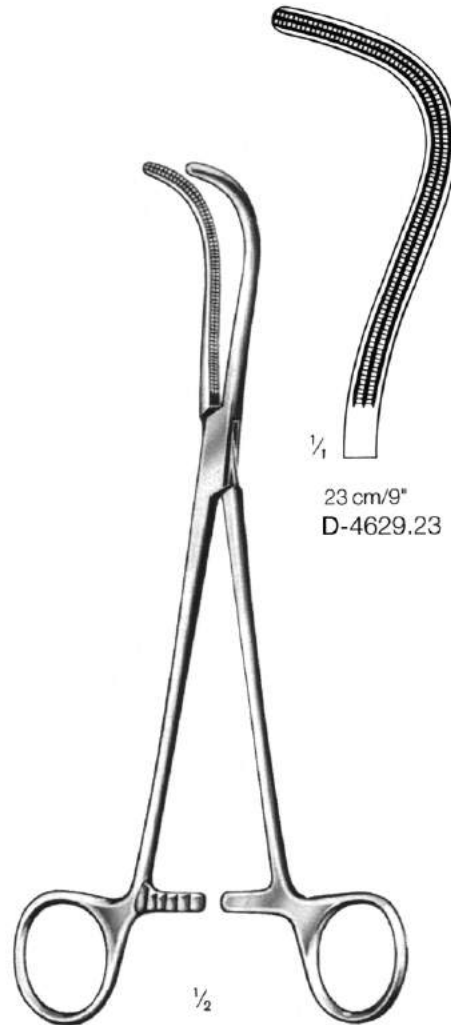
22 cm/8 5/8"
 D-4623.22



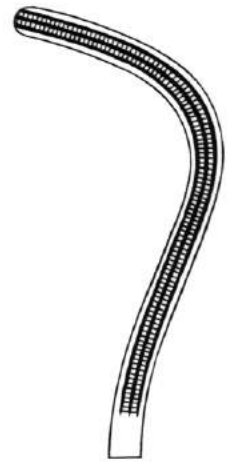
24 cm/9 1/2"
 D-4623.24



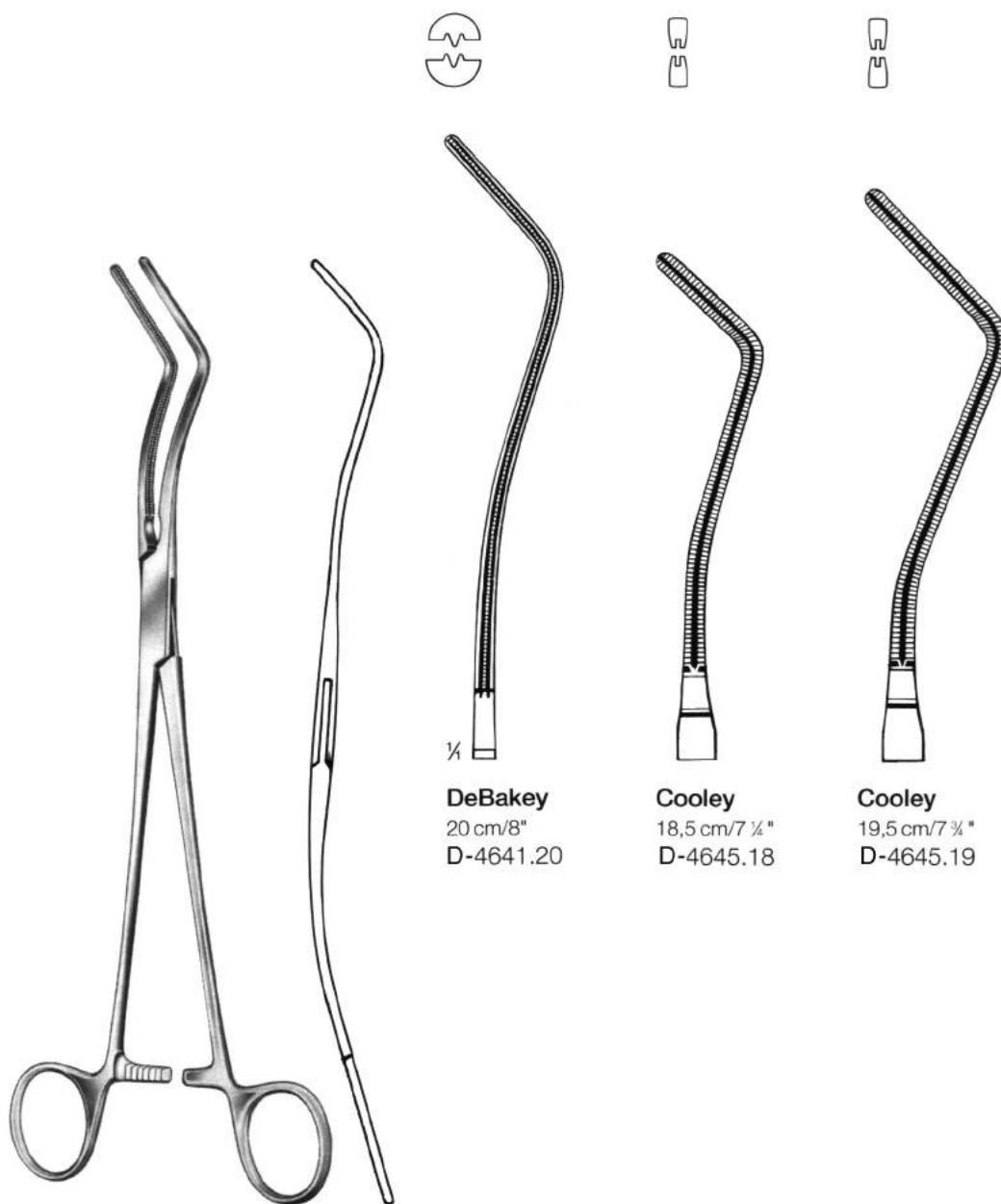
Guyon
23 cm/9"
D-4625.23



23 cm/9"
D-4629.23



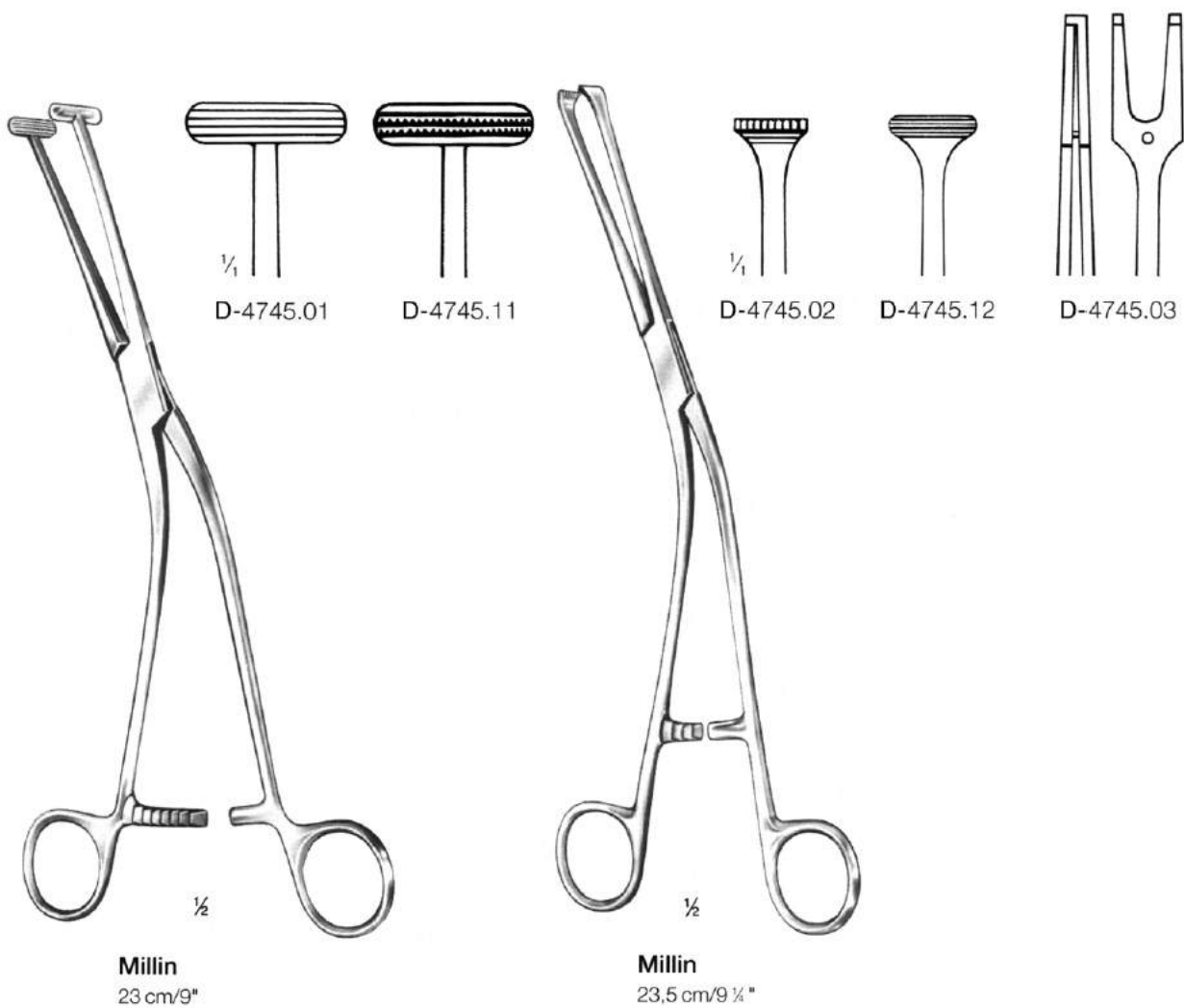
24 cm/9 1/2"
D-4629.24



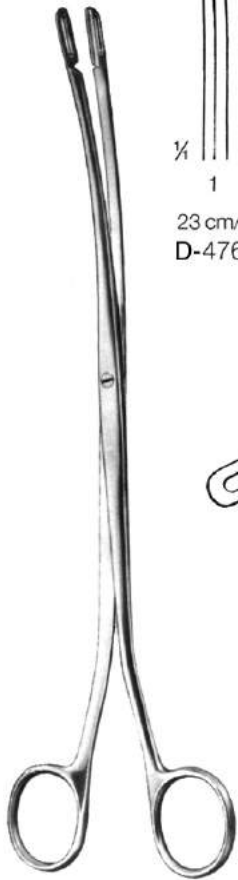
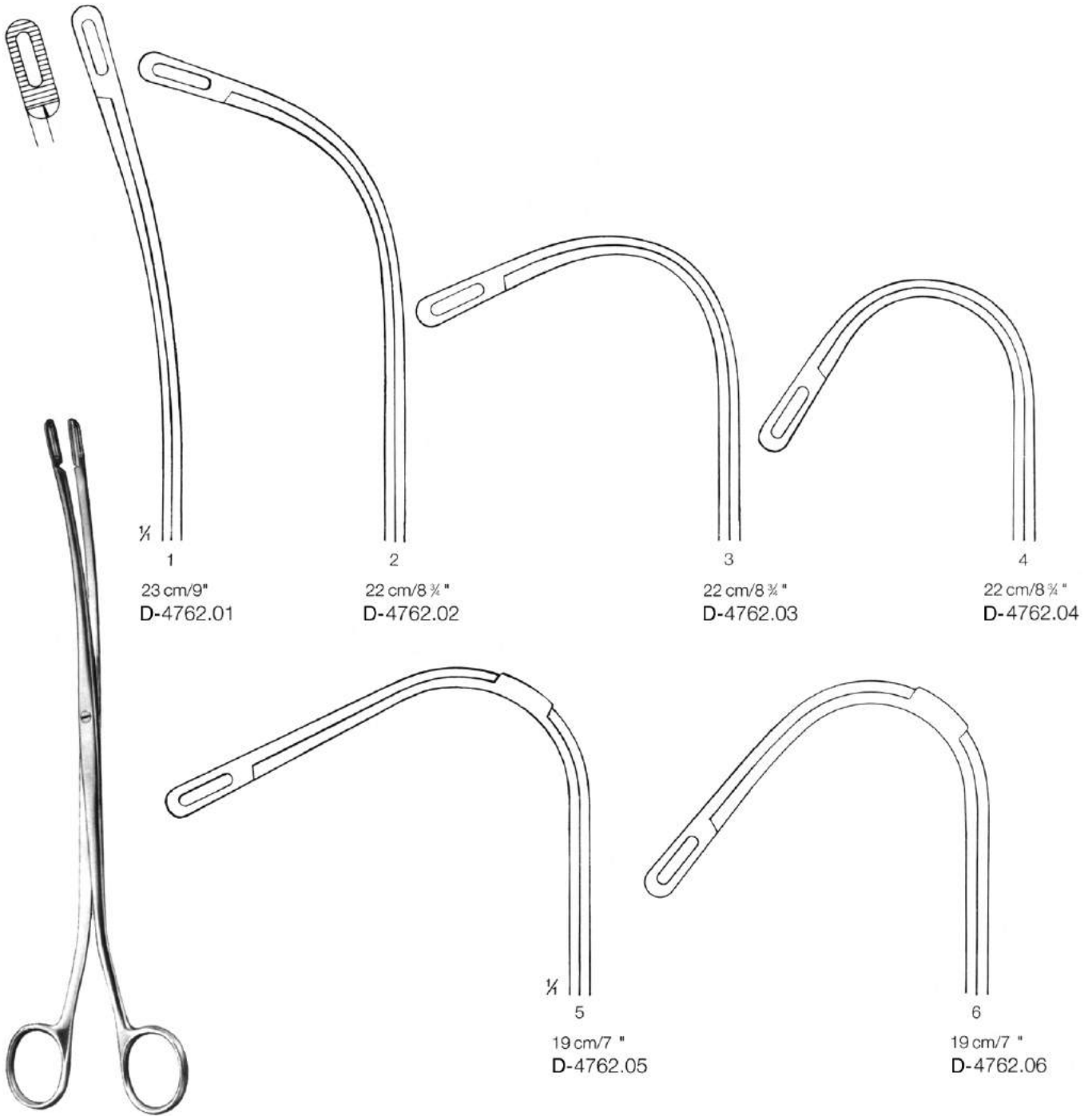
DeBakey
20 cm/8"
D-4641.20

Cooley
18,5 cm/7 1/4"
D-4645.18

Cooley
19,5 cm/7 3/4"
D-4645.19

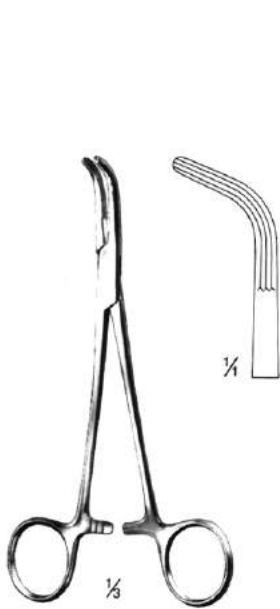


Kidney stone forceps
Pinces pour les calculs rénaux
Pinzas para cálculos renales

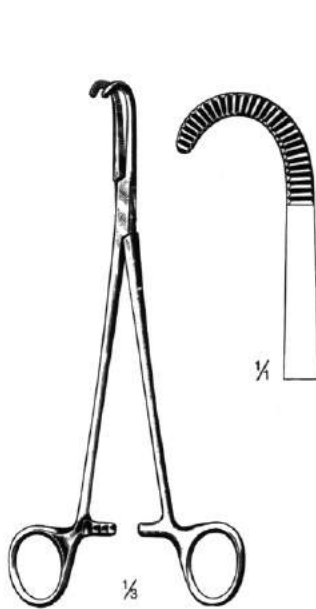


Randall

Gall Duct- and cystic forceps
Pinces-clamps pour voies biliaires et cystiques
Pinzas-clamps para conductos biliares y pinzas cisticas



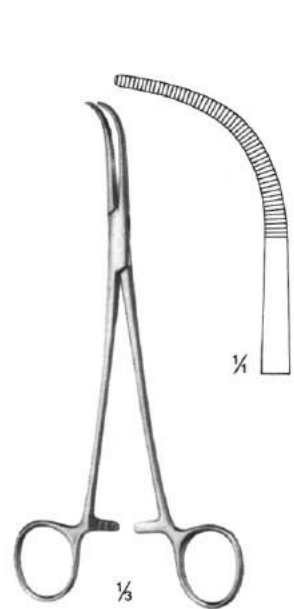
Lower
 18 cm/7"
 D-4825.18



Desjardins
 21 cm/8 1/4"
 D-4837.21



Nissen
 22,5 cm/9"
 D-4839.22



Green
 20 cm/8"
 D-4843.20



Gray

22 cm/8 3/4"
 D-4853.22

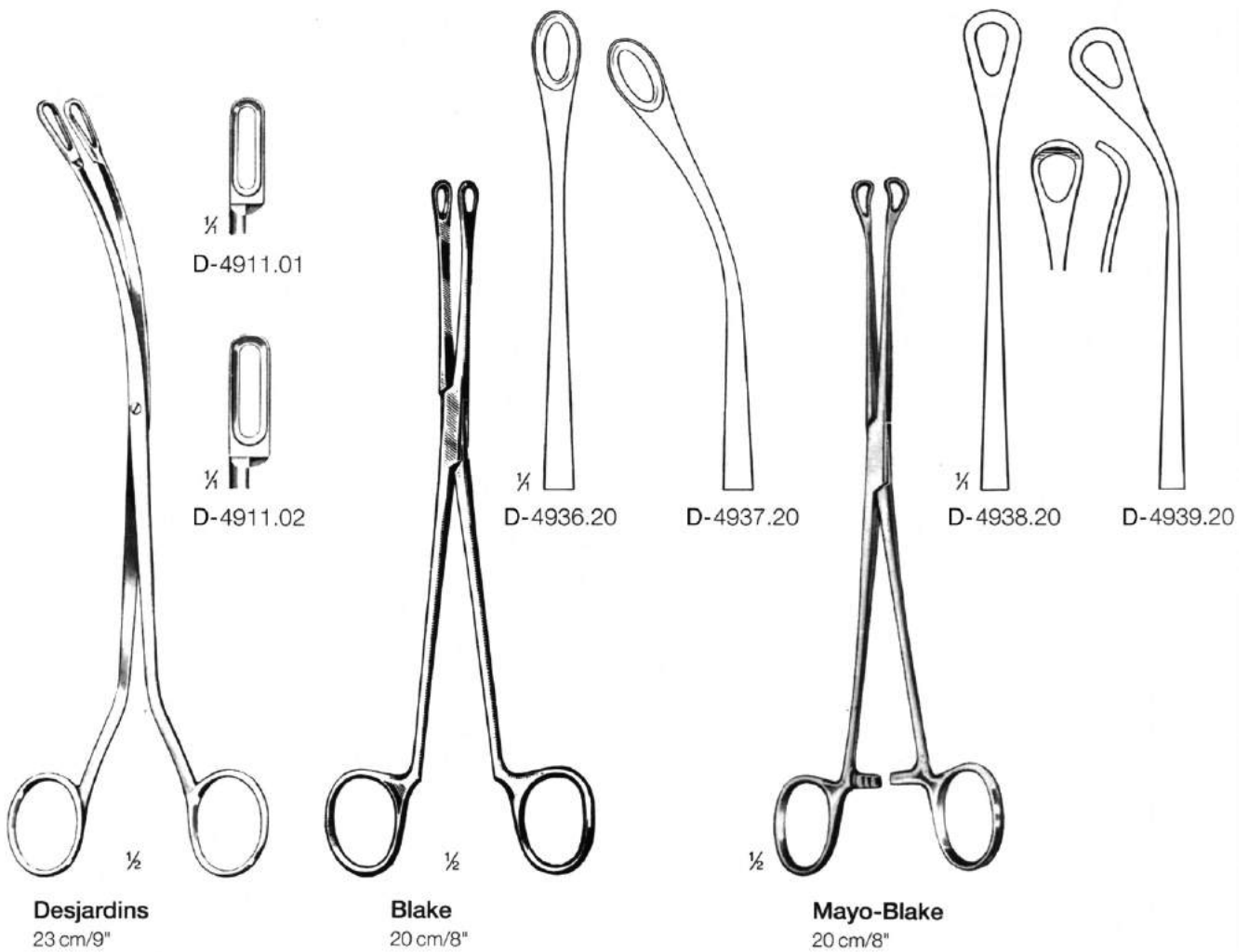
23 cm/9"
 D-4853.23

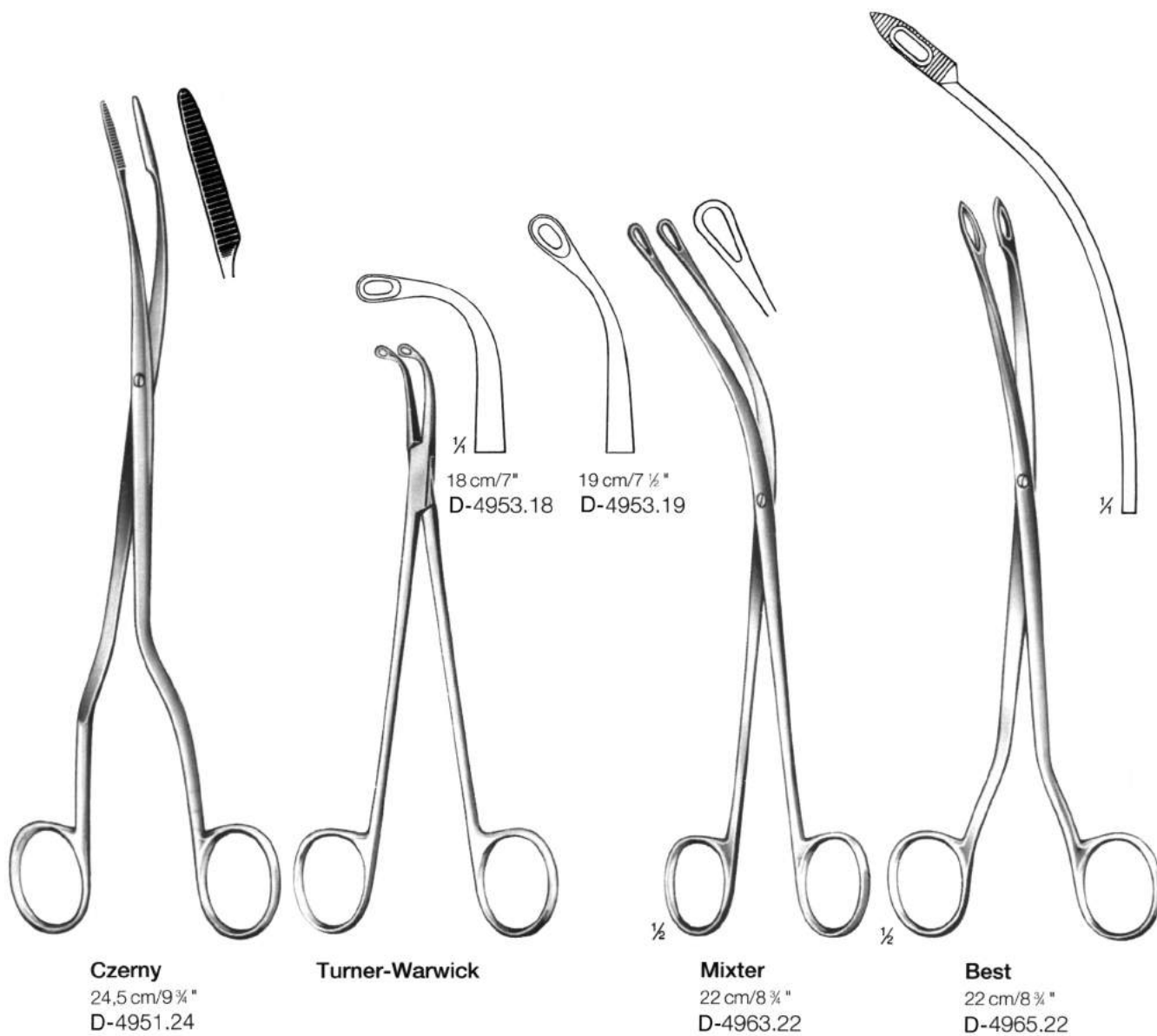


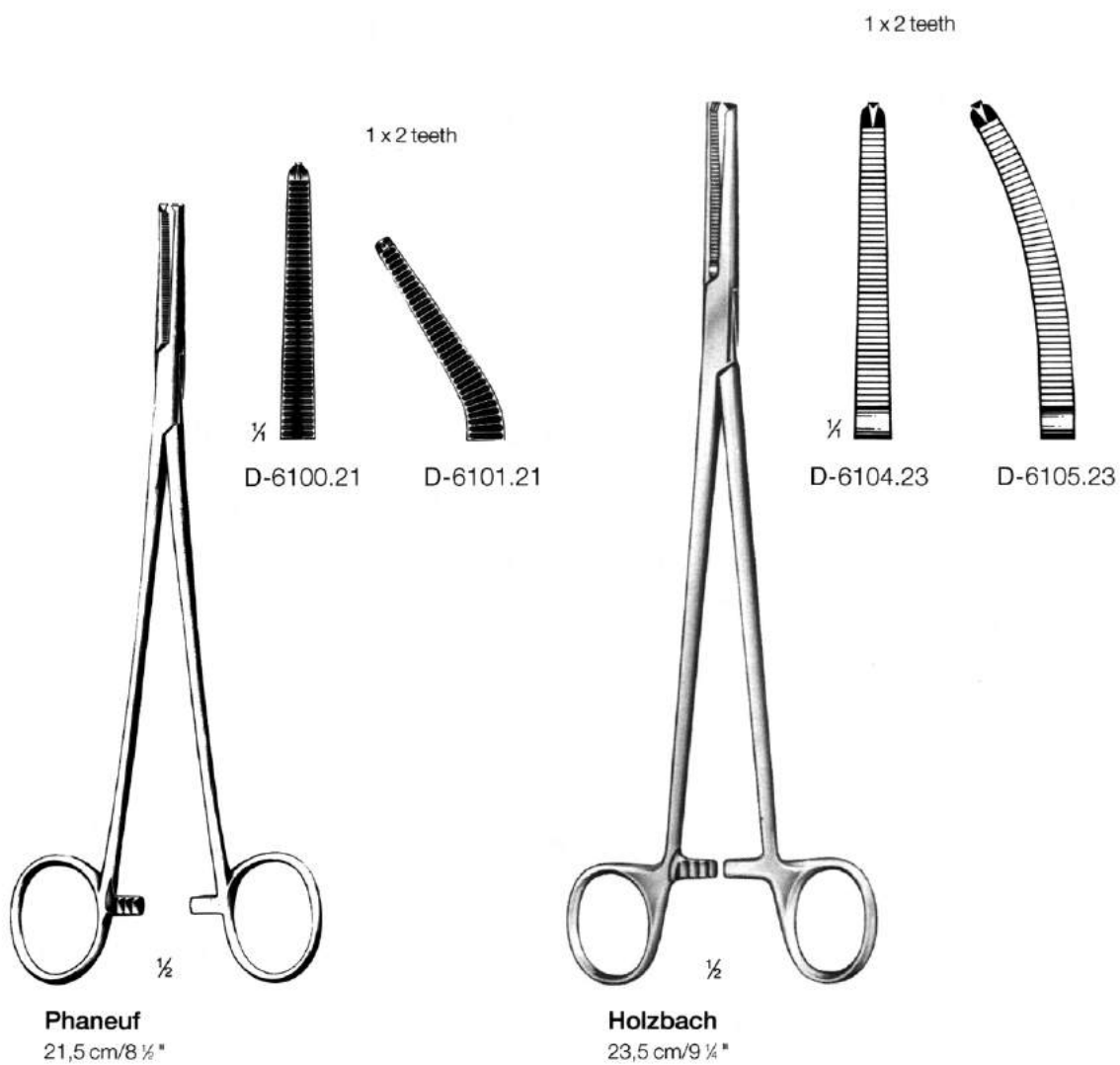
Moynihan

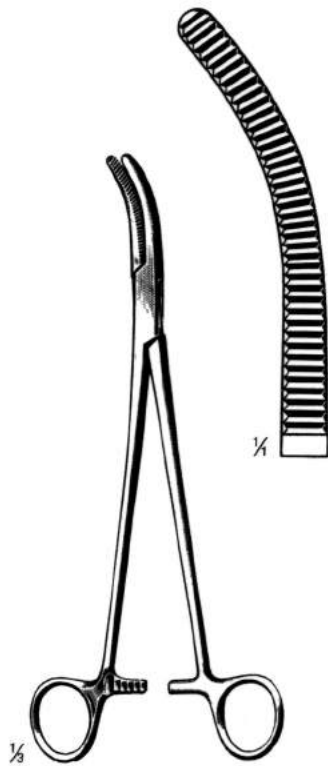
23 cm/9"
 D-4865.23

24 cm/9 1/2"
 D-4865.24

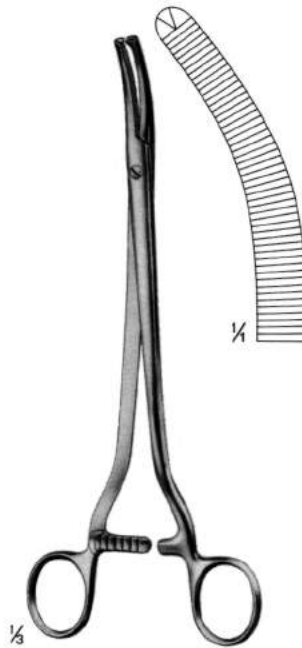




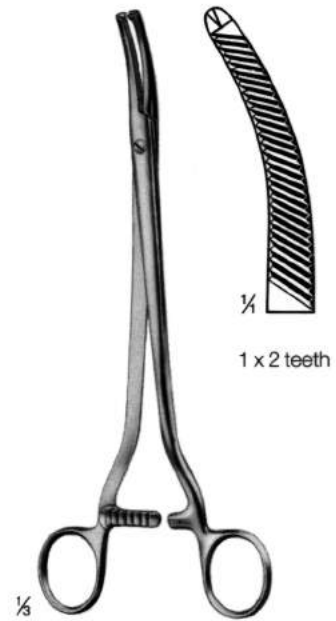




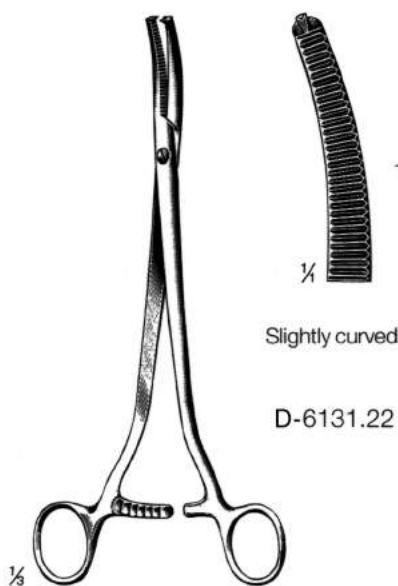
Wertheim
 25 cm/10"
 D-4613.25



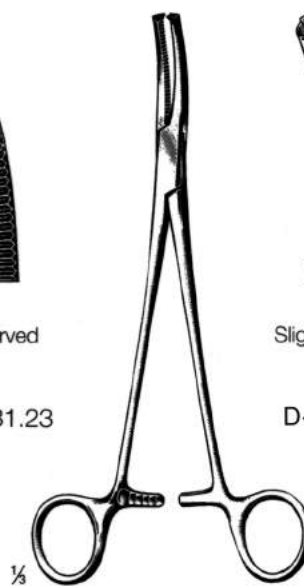
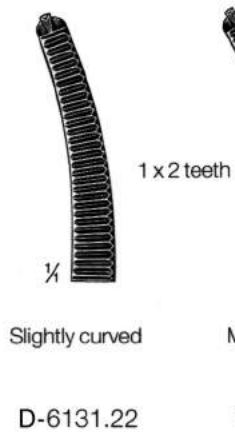
Wertheim
 24 cm/9 1/2"
 D-6125.24



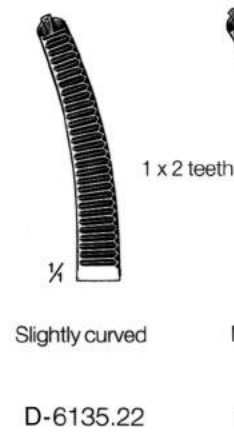
Wertheim
 23 cm/9"
 D-6129.23



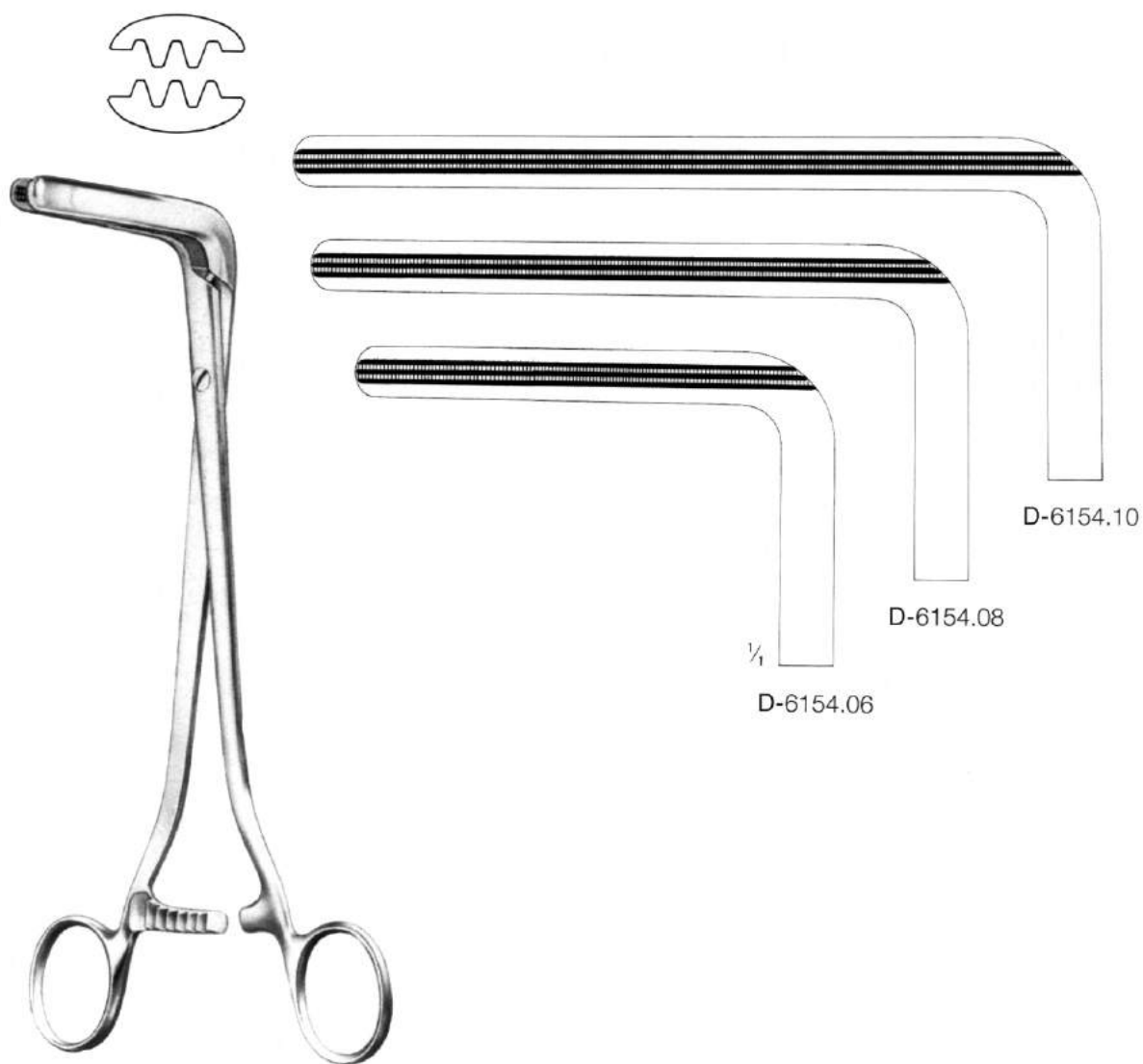
Wertheim
 23 cm/9"



Wertheim
 23 cm/9"

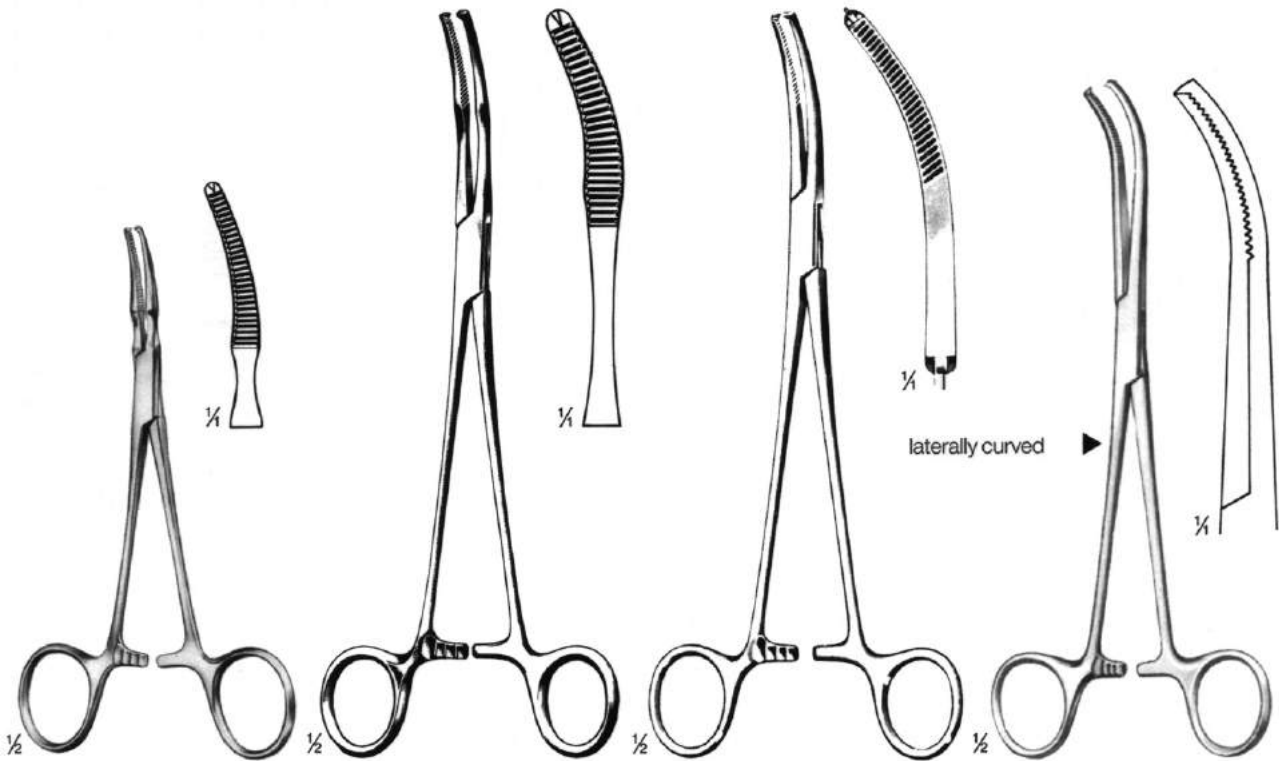






Wertheim
24 cm/9 1/2 "

Peritoneal clamp forceps
Pinces-clamps pour le péritoine
Pinzas-clamps para peritoneo

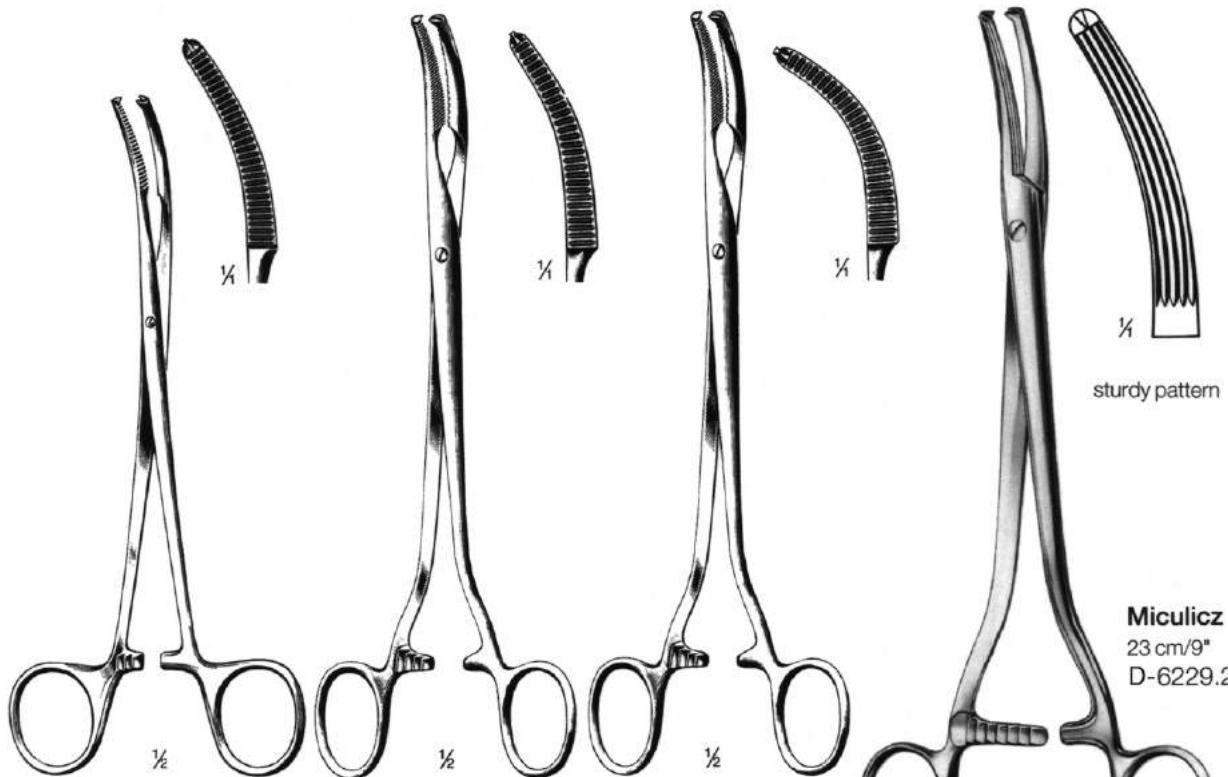


Baby-Mikulicz
 14 cm/5 1/2"
 D-6201.14

Miculicz
 20 cm/8"
 D-6201.20

Miculicz
 20 cm/8"
 D-6207.20

Miculicz
 18,5 cm/7 1/4"
 D-6209.18



Miculicz
 18 cm/7"
 D-6221.18

Miculicz
 20 cm/8"
 D-6223.20

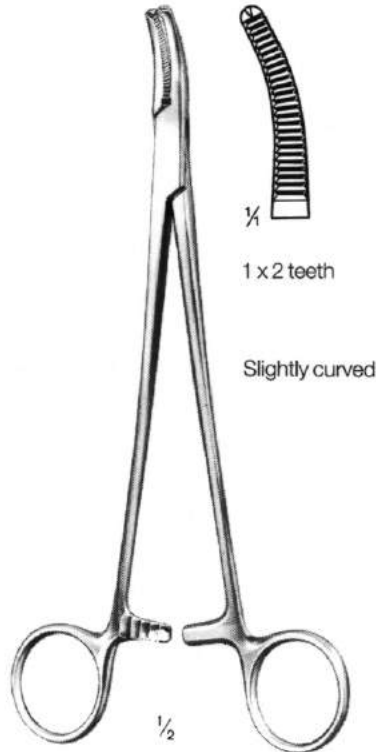
Miculicz
 20 cm/8"
 D-6225.20

Miculicz
 23 cm/9"
 D-6229.23

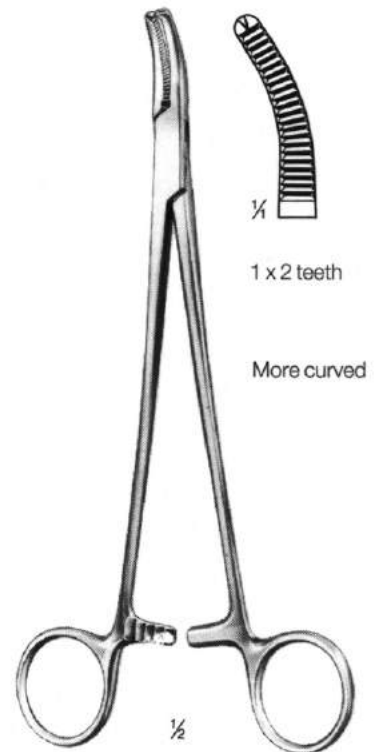
Peritoneal Clamp Forceps



Schindler
19 cm/7 1/2"
D-6241.19

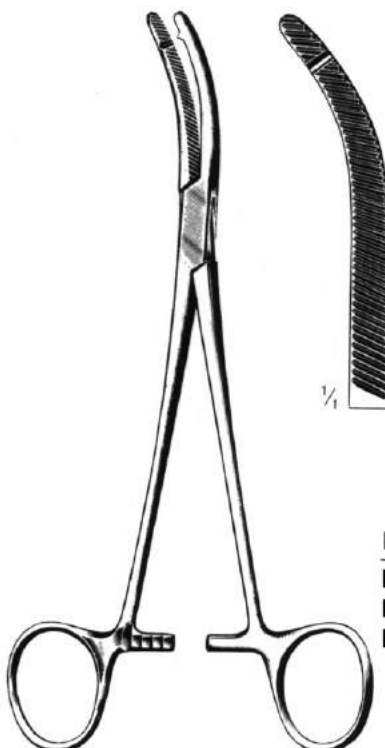


Faure
20 cm/8"
D-6243.20

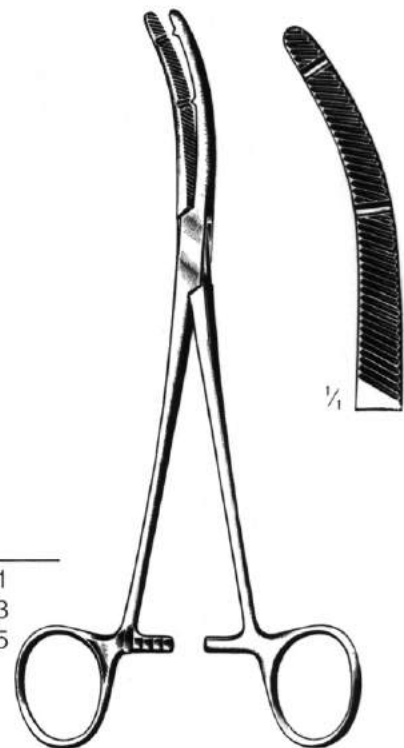


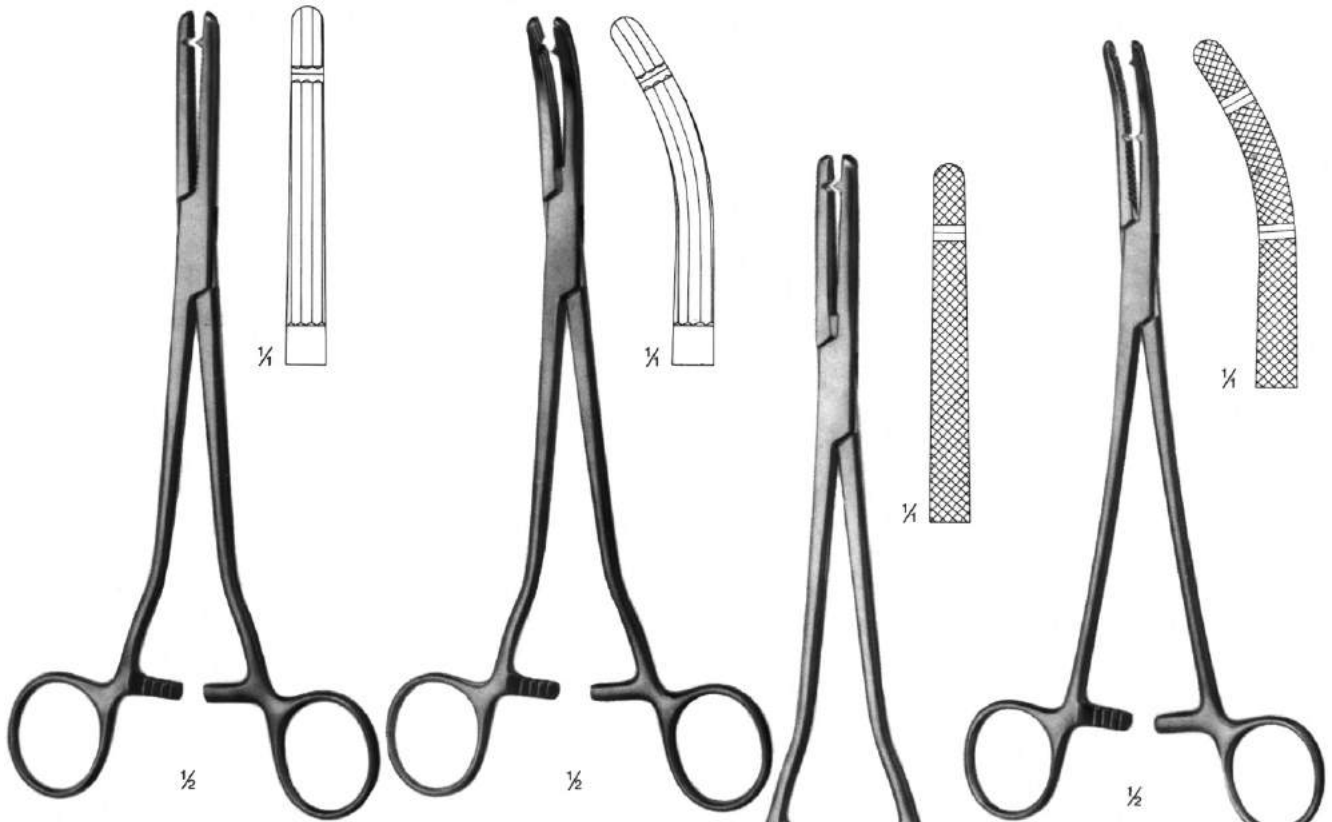
Faure
20 cm/8"
D-6245.20

Hysterectomy Forceps



Heaney	cm	inch.	Heaney
D-6321.21	21	8 1/4	D-6323.21
D-6321.23	23	9	D-6323.23
D-6321.25	25	10	D-6323.25



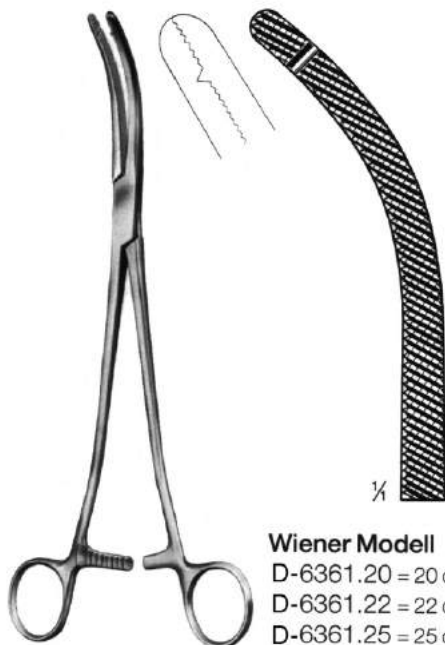


Ballentine
21,5 cm/8 1/2"
D-6330.21

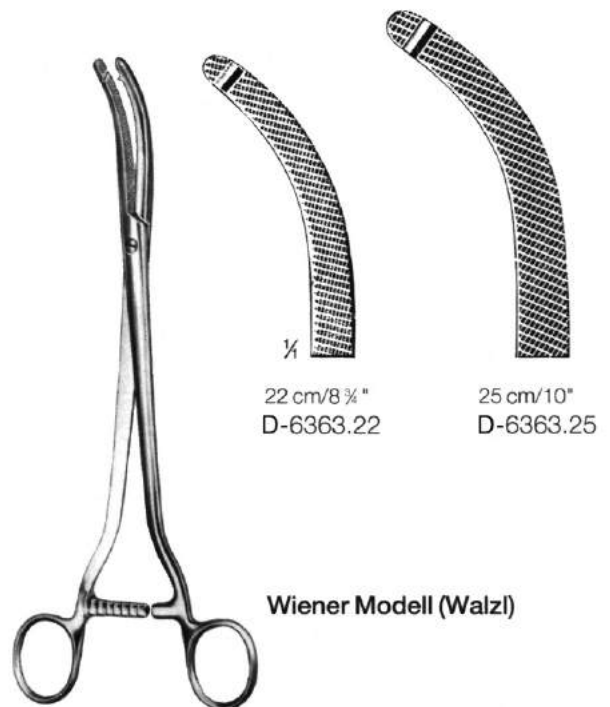
Heaney-Ballentine
21,5 cm/8 1/2"
D-6331.21

Heaney-Rezek
21,5 cm/8 1/2"
D-6338.21

Heaney-Kanter
21,5 cm/8 1/2"
D-6341.21



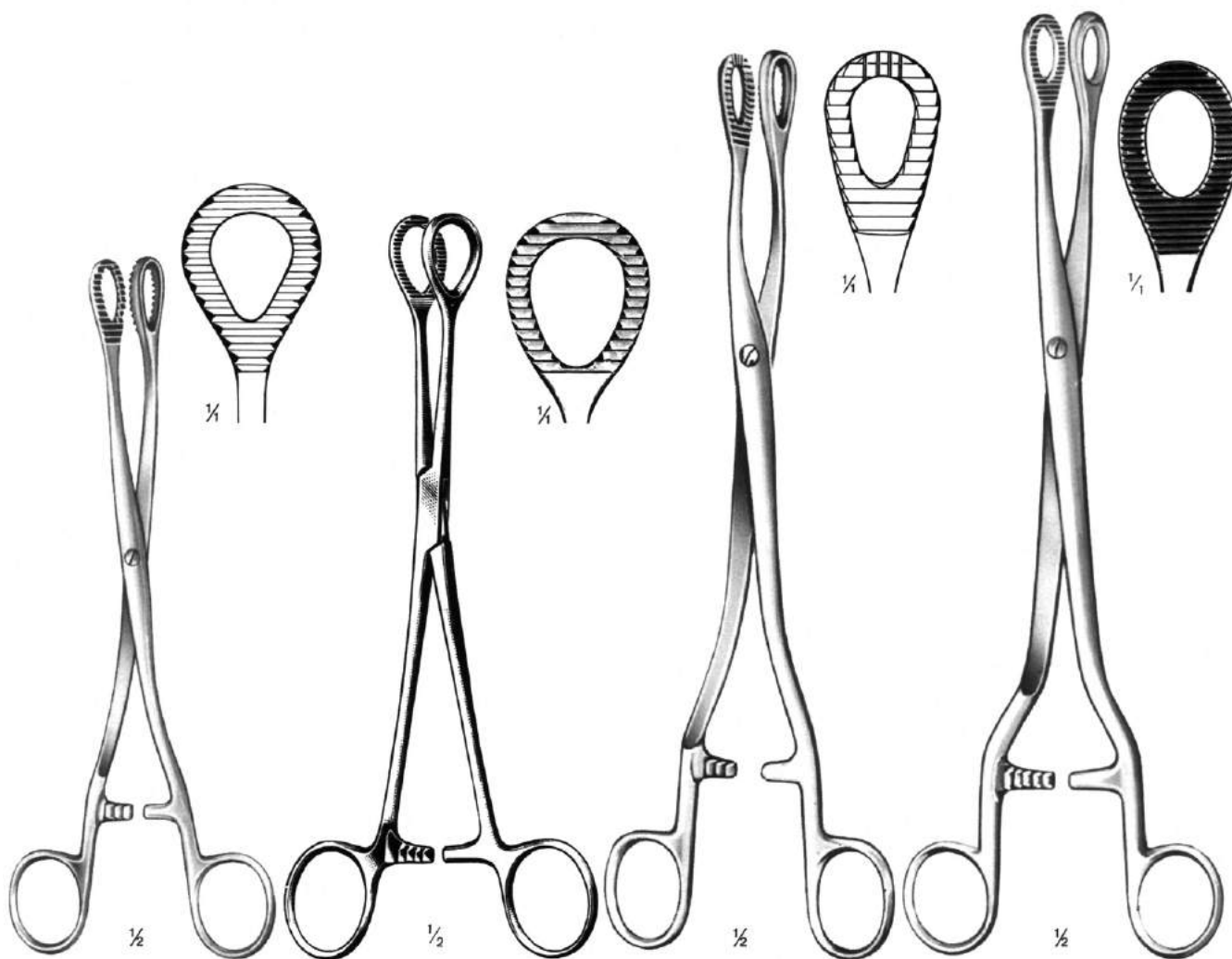
Wiener Modell
D-6361.20 = 20 cm/8"
D-6361.22 = 22 cm/8 1/2"
D-6361.25 = 25 cm/10"



22 cm/8 1/2"
D-6363.22

25 cm/10"
D-6363.25

Wiener Modell (Walzl)

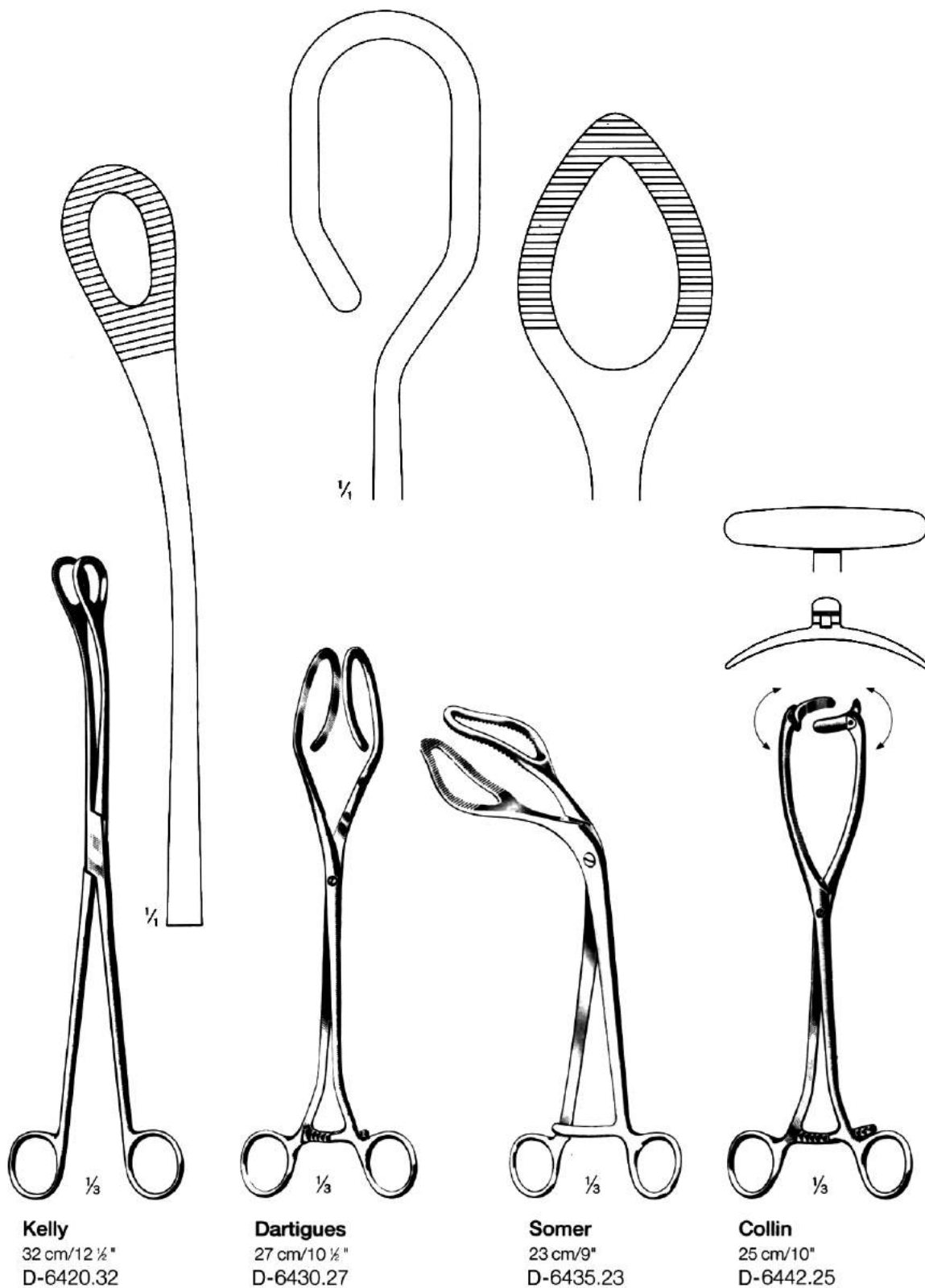


Heywood-Smith
 20 cm/8"
 D-6410.20

Heywood-Smith
 21 cm/8 1/4"
 D-6412.21

Heywood-Smith
 25 cm/10"
 D-6414.25

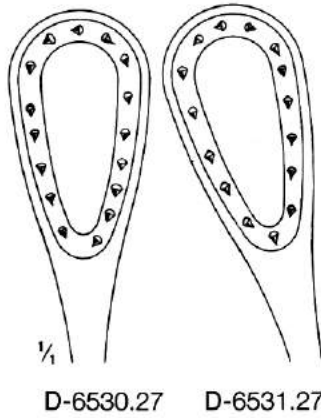
Noto
 27 cm/10 1/2"
 D-6420.27



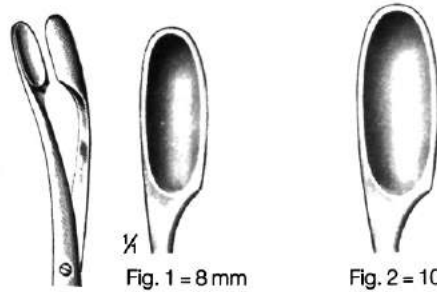


Saenger
27 cm/10 1/2"

Placenta and Ovum Forceps



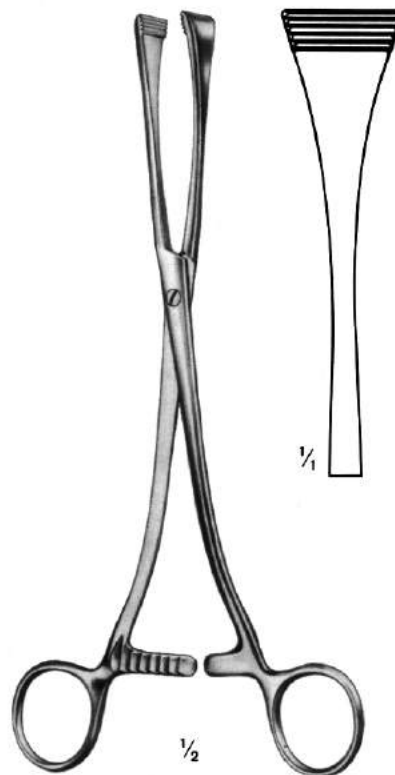
Winter
28 cm/11"



straight	Fig.	curved on flat
D-6540.08	1	D-6541.08
D-6540.10	2	D-6541.10

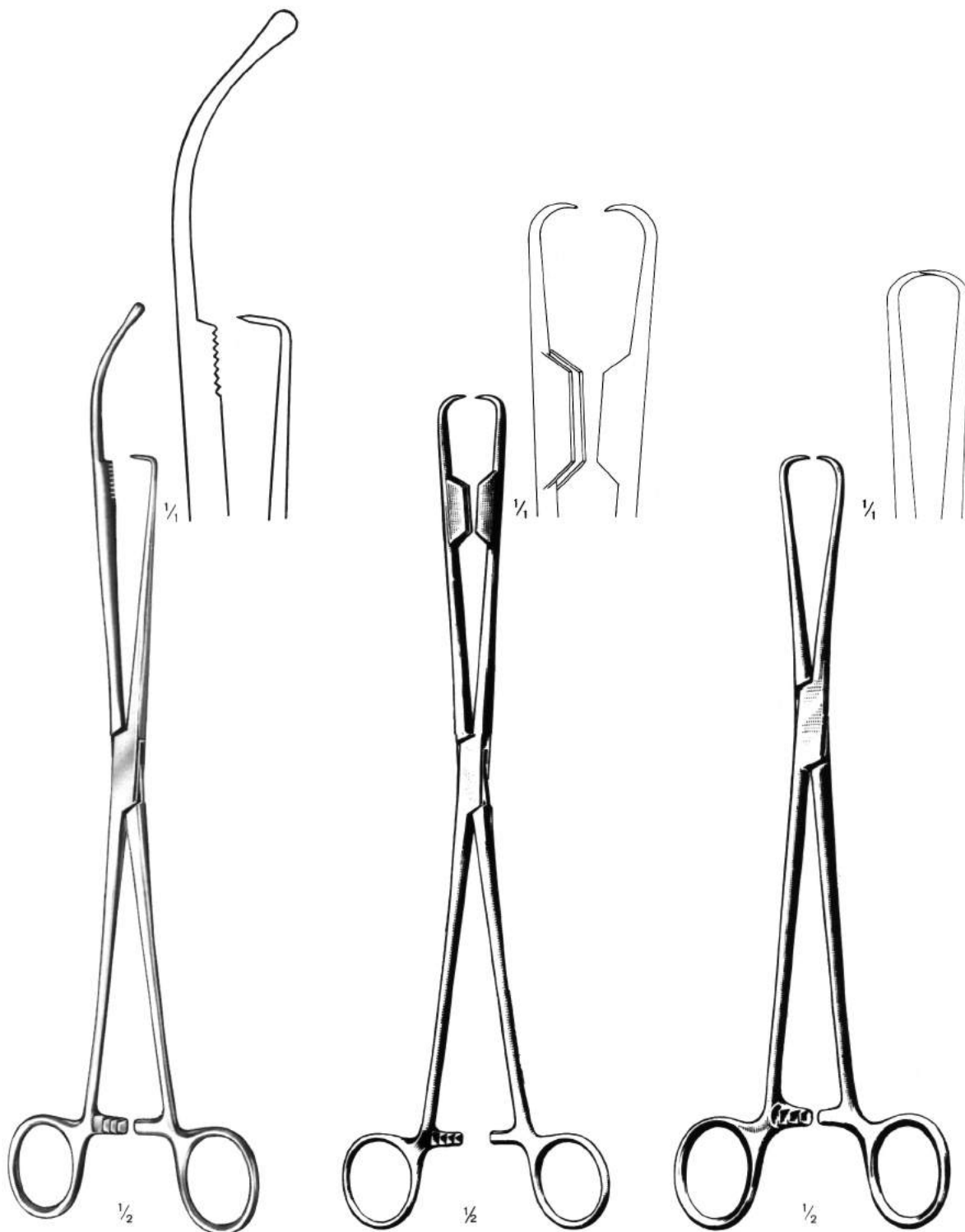


De Martel (Willett)
18 cm/7"
D-4501.18



Green-Armytage
21 cm/8 1/4"
D-6750.21

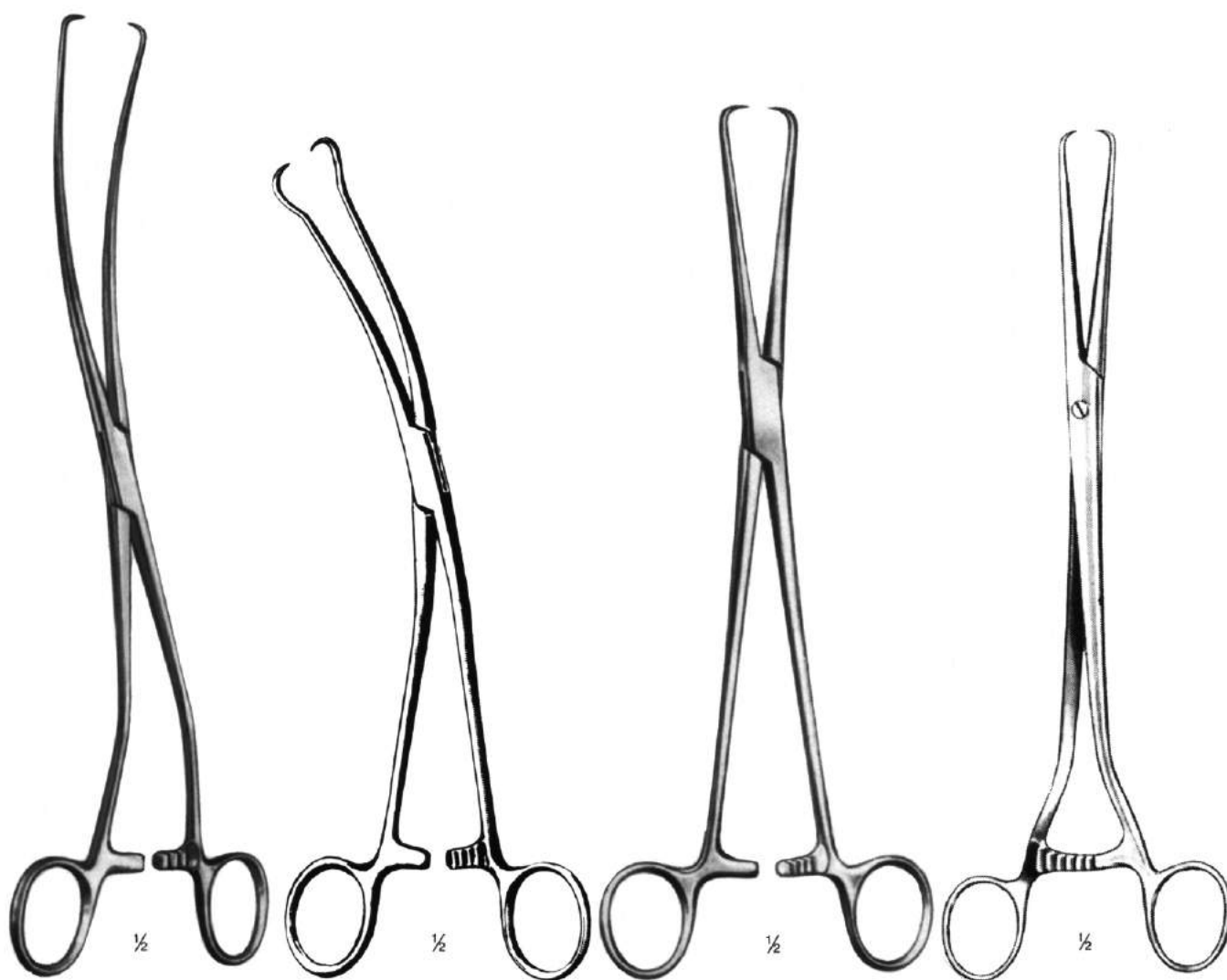
Tenaculum forceps
Pinces pour abaissement du col de l'utérus
Pinzas para coger el cuello del útero



Hulka
 30 cm/12"
 D-7001.30

Abel
 27 cm/10 1/2"
 D-7010.27

Schroeder
 25 cm/10"
 D-7016.25



Duplay
28 cm/11"
D-7051.28

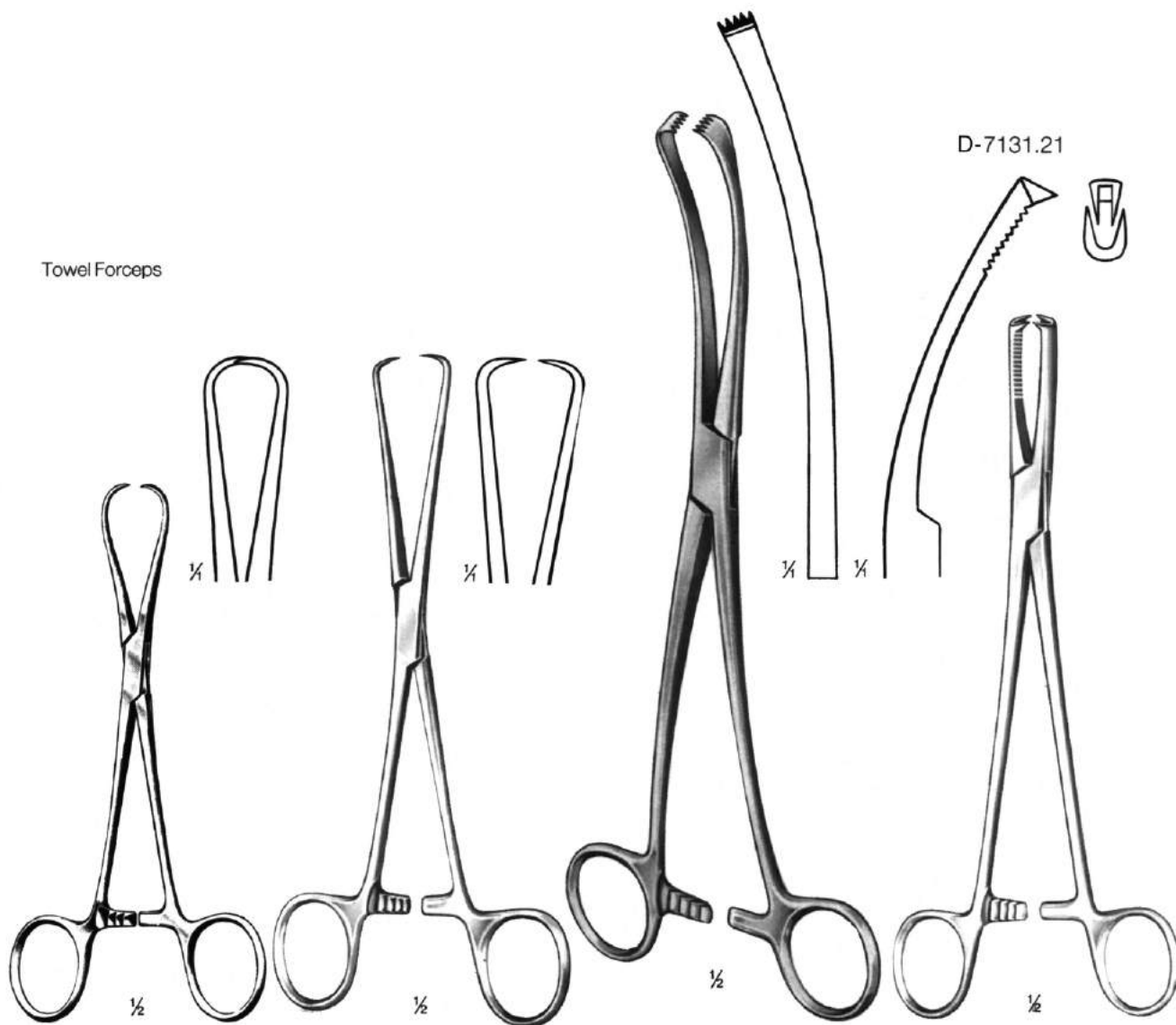
Skene
24 cm/9 1/2"
D-7053.24

Pozzi
25,5 cm/10 1/4"
D-7056.25

Collin-Pozzi
25 cm/10"
D-7058.25

Tenaculum forceps
Pinces pour abaissement du col de l'utérus
Pinzas para coger el cuello del útero

Towel Forceps



Staude-Moore (Bernhard)

17 cm/6 3/4"
 D-7082.17

Barrett

18 cm/7"
 D-7084.18

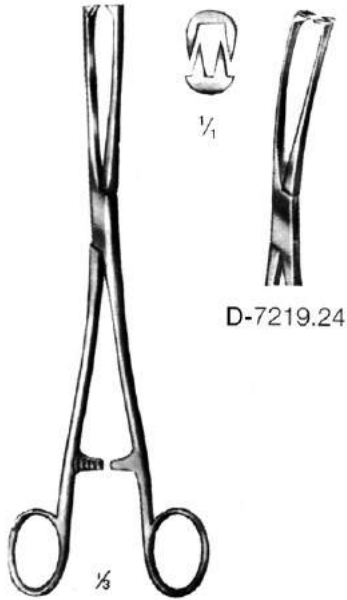
Iowa

26 cm/10 1/4"
 D-7107.26

Jacobs

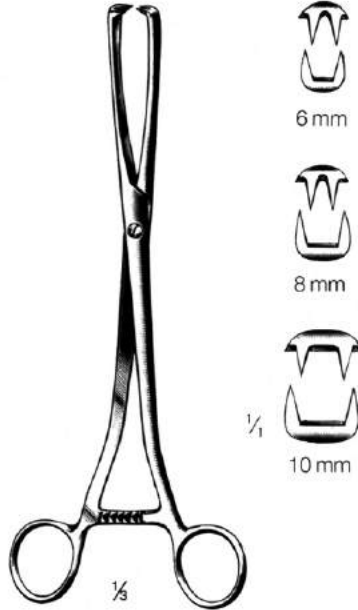
21 cm/8 1/4"
 D-7130.21 straight

Tenaculum forceps
Pinces pour abaissement du col de l'utérus
Pinzas para coger el cuello del útero



D-7219.24

Museux
 24 cm/9 1/2"
 D-7218.24



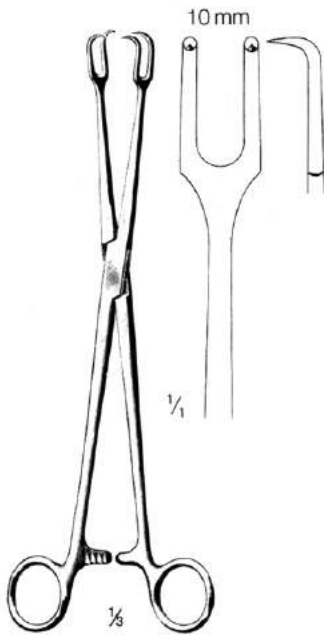
Museux
 24 cm/9 1/2"
 D-7224.06 = 6 mm
 D-7224.08 = 8 mm
 D-7224.10 = 10 mm



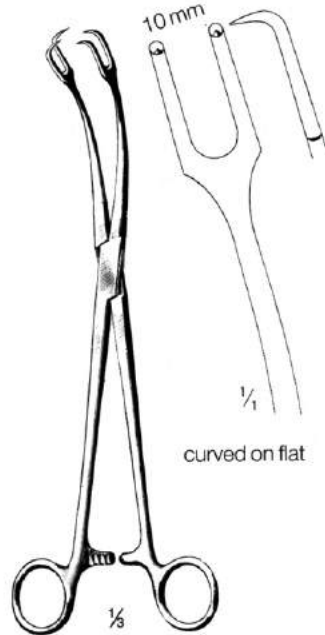
Museux
 24 cm/9 1/2"
 D-7225.06 = 6 mm
 D-7225.08 = 8 mm
 D-7225.10 = 10 mm



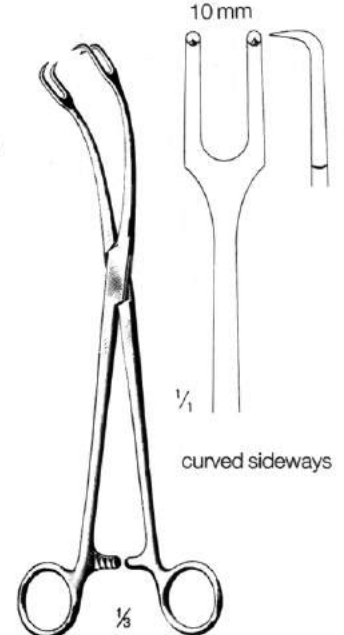
Teale
 23 cm/9"
 D-7243.23



Schroeder
 24 cm/9 1/2"
 D-7400.24

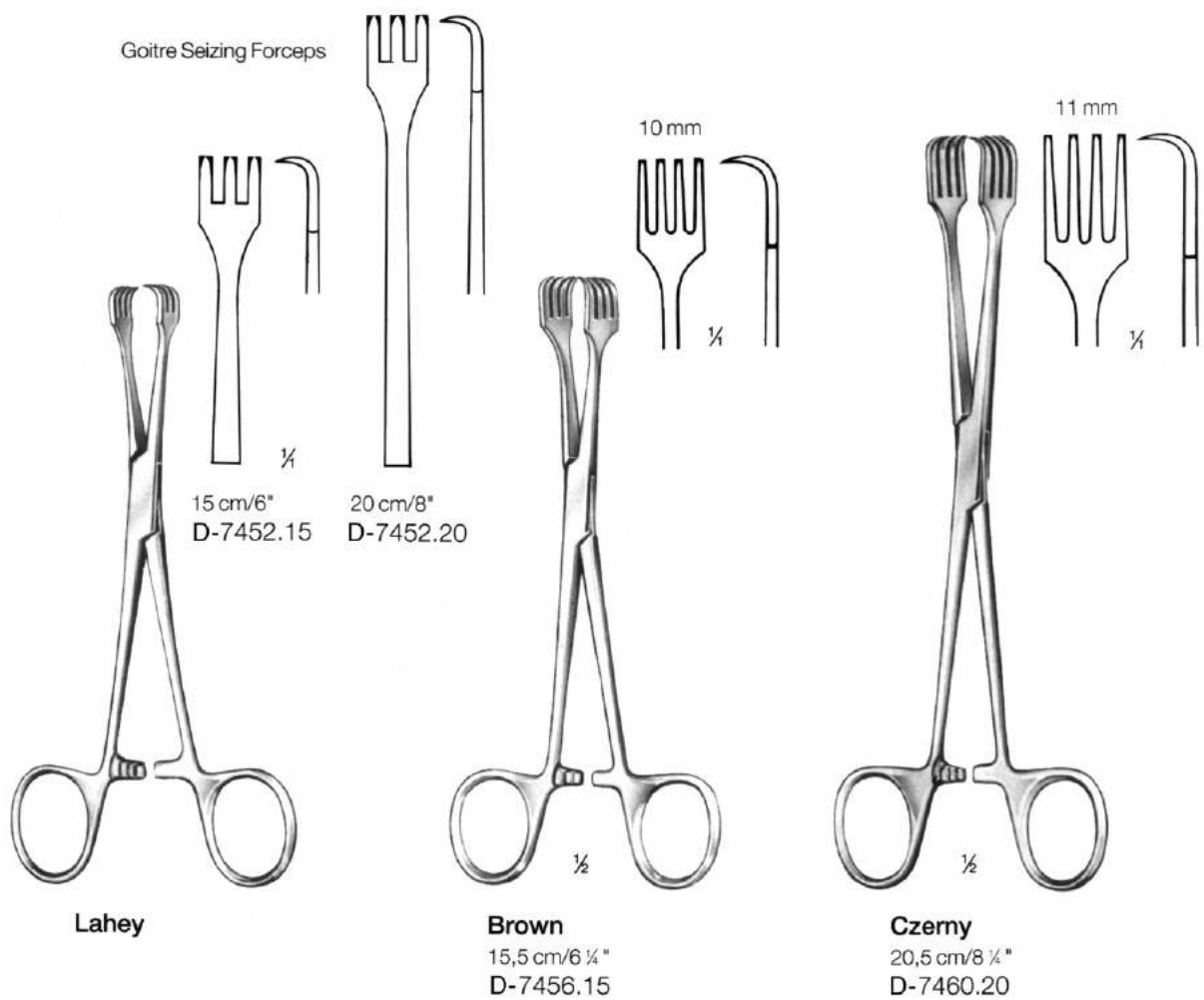


Schroeder
 24 cm/9 1/2"
 D-7401.24

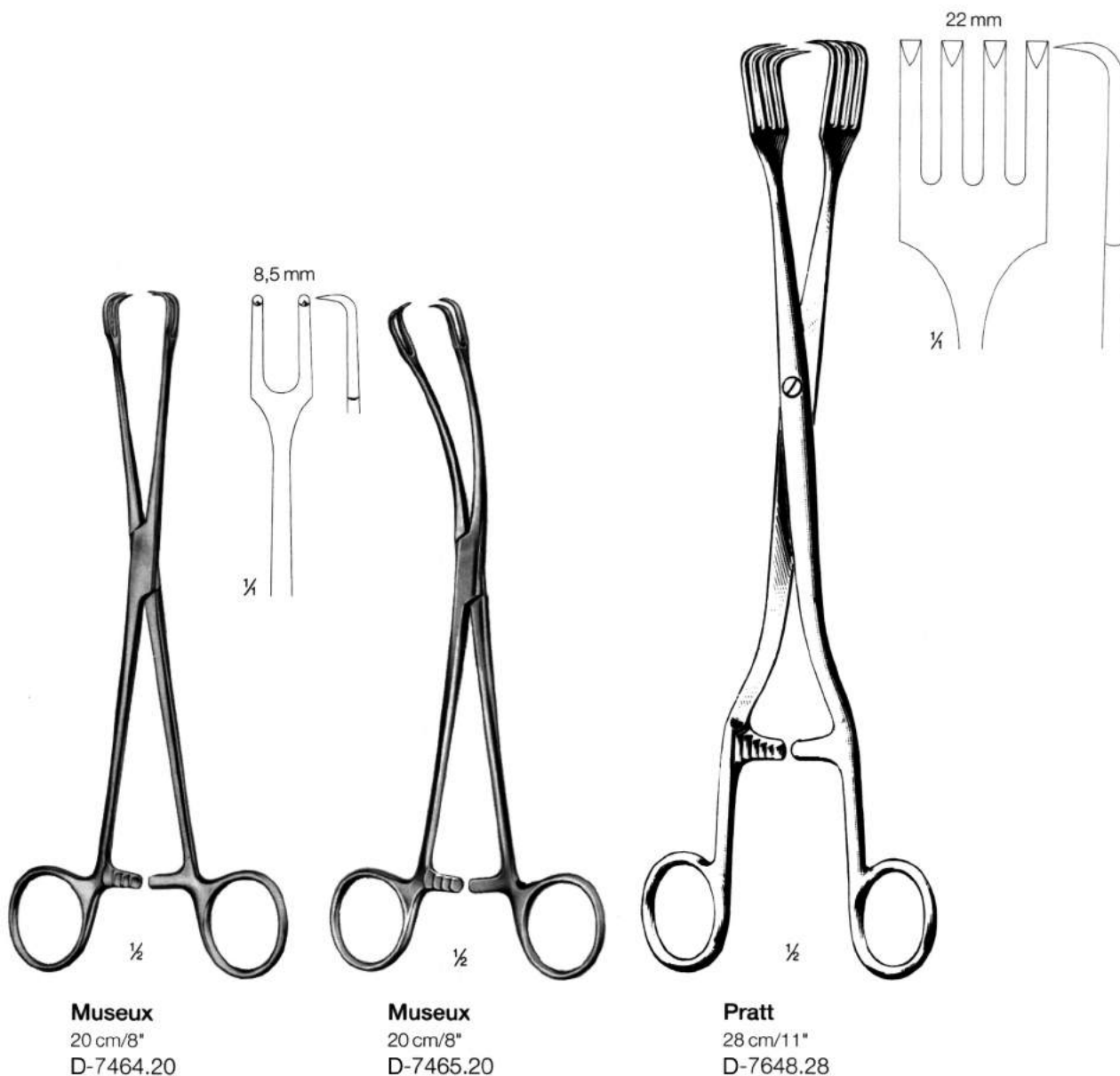


Schroeder
 24 cm/9 1/2"
 D-7403.24

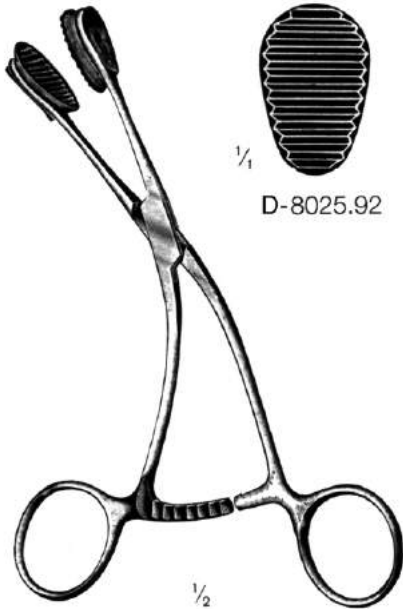
Tenaculum forceps
Pinces pour abaissement du col de l'utérus
Pinzas para coger el cuello del útero



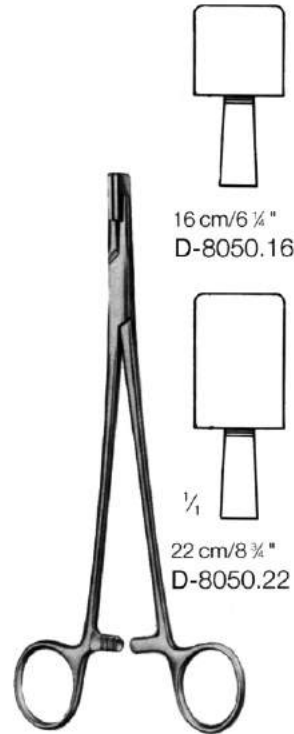
Tenaculum forceps
Pinces pour abaissement du col de l'utérus
Pinzas para coger el cuello del útero



Tongue Forceps



$\frac{1}{2}$
Young
17 cm/6 $\frac{1}{4}$ "
D-8025.17

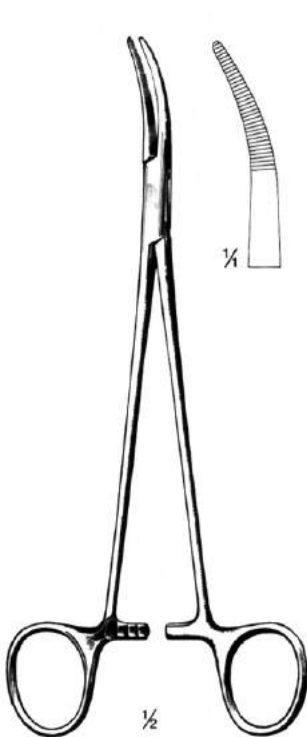


House

16 cm/6 $\frac{1}{4}$ "
D-8050.16

$\frac{1}{4}$
22 cm/8 $\frac{3}{4}$ "
D-8050.22

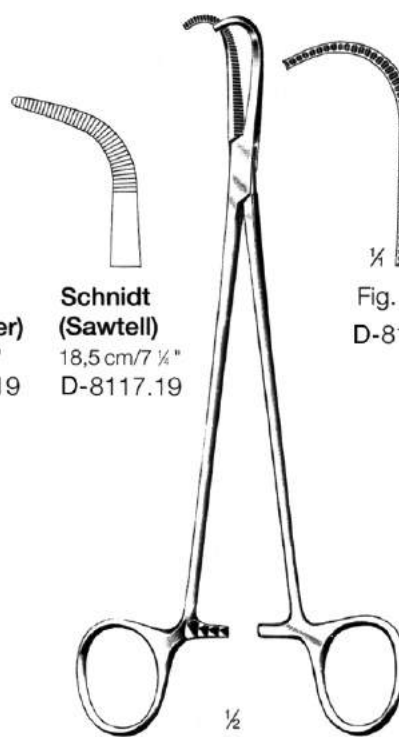
Tonsil Clamps



$\frac{1}{2}$
Schnidt
19 cm/7 $\frac{1}{2}$ "
D-0651.19



$\frac{1}{4}$
Schnidt (Boettcher)
19 cm/7 $\frac{1}{2}$ "
D-8115.19



$\frac{1}{4}$
Schnidt (Sawtell)
18,5 cm/7 $\frac{1}{4}$ "
D-8117.19

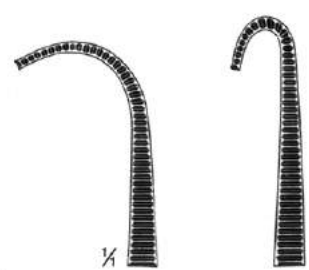


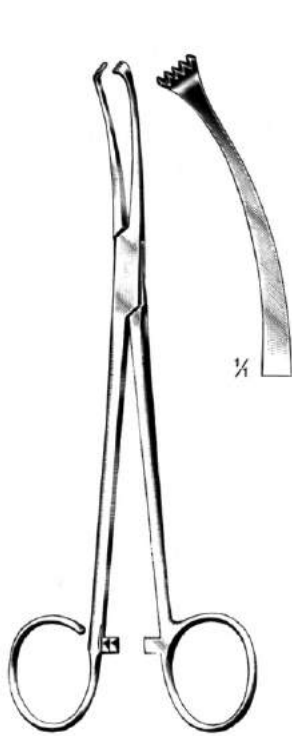
Fig. 1
D-8129.01



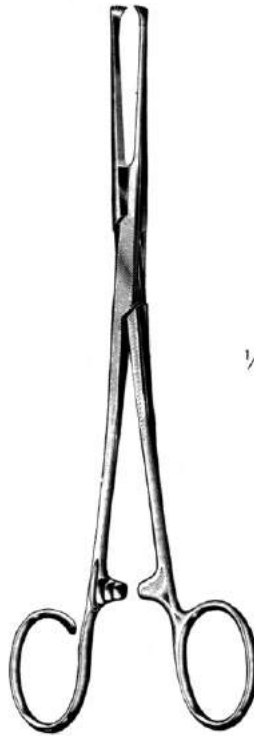
D-8129.02

$\frac{1}{2}$
Negus
19 cm/7 $\frac{1}{2}$ "

Tonsil seizing forceps
Pinces pour saisir les amygdales
Pinzas para coger las amígdalas



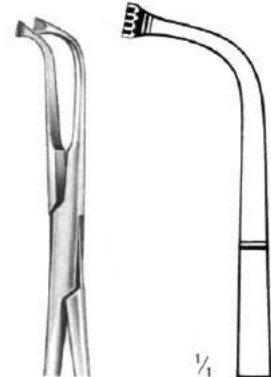
White
 18 cm/7" D-8225.18
 23 cm/9" D-8225.23



Allis-Coakley
 19 cm/7 1/2"



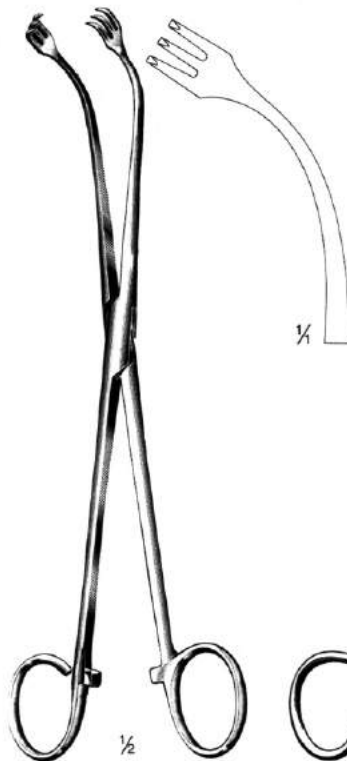
Allis-Coakley
 19 cm/7 1/2"
 D-8229.19



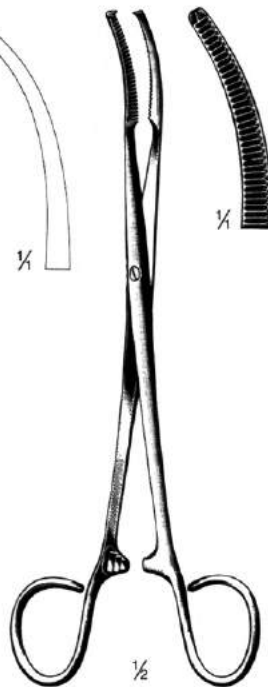
Allis-Coakley
 18,5 cm/7 1/4"
 D-8229.18



Allis
 20 cm/8"
 D-8231.20



Ballenger
 21,5 cm/8 1/2"
 D-8241.21



Mikulicz
 18 cm/7"
 D-8245.18



Blohmke
 20 cm/8"
 D-8257.20

Towel forceps
Pinces à compresses, pincés à champs
Pinzas para compresas, pinzas de campo



Jones
 9 cm/3 1/2"
 D-9013.09



Schaedel
 9 cm/3 1/2"
 D-9021.09



Doyen
 18 cm/7"
 D-9043.18



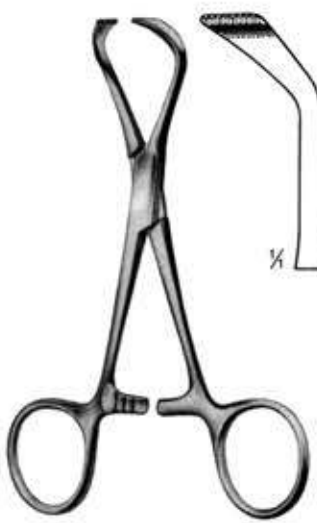
Lane	
cm	inch.
15	6
20	8



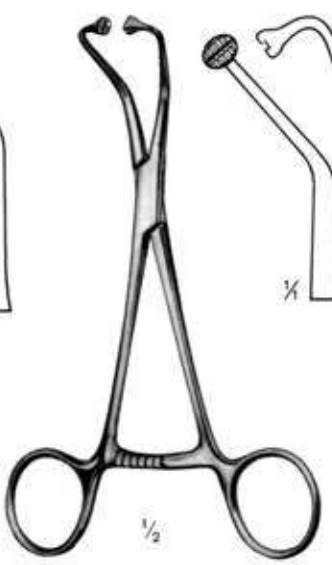
Backhaus	
cm	inch.
9	3 1/2
11	4 1/2
13	5
15	6



Röder



Lorna



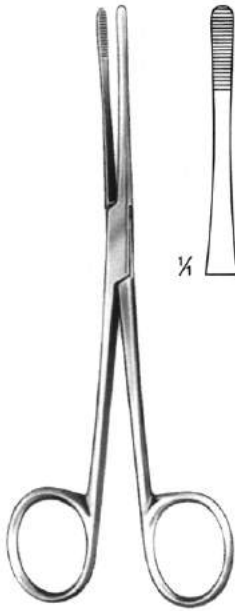
Peers



Robin

cm	inch.
10	4
13	5
14,5	5 3/4
15	6

5 mm	D-9213.05
13 mm	D-9213.13

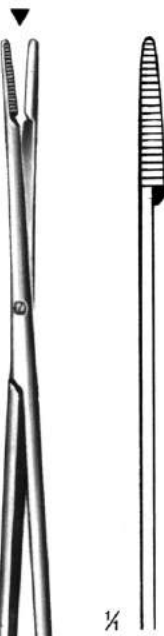


cm	inch.	Lister
13	5	D-9306.13
15	6	D-9306.15
18	7	D-9306.18

Gall Stone Forceps



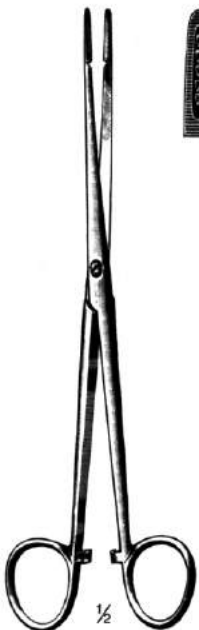
11,0 cm, 4 3/8"
D-9066.11



1/4
D-9346.25



D-9347.25



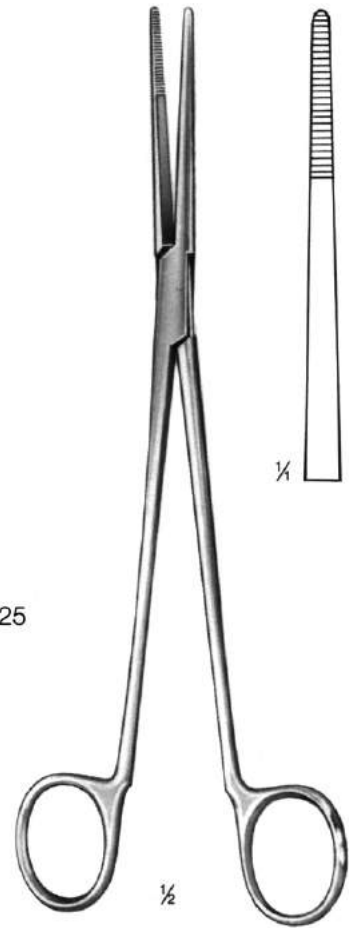
Walton
17 cm/8 3/4"
D-9320.17



D-9321.17



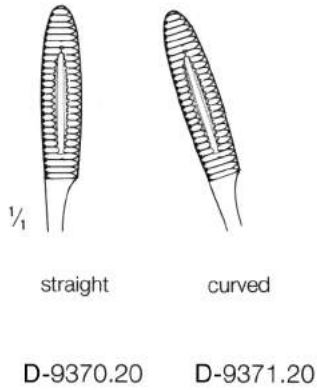
Pelkann
25 cm/10"



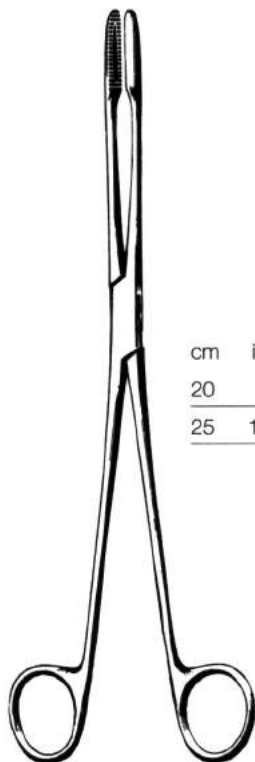
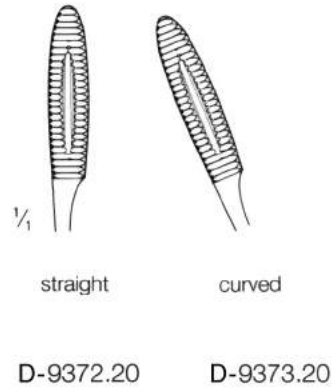
Westermark
23,5 cm/9 1/4"
D-9350.23



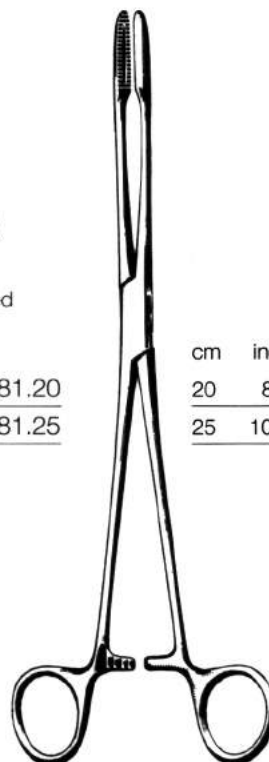
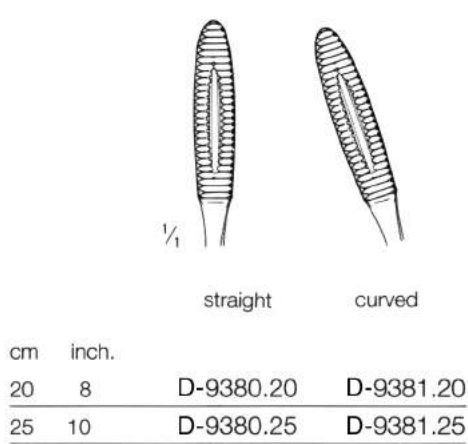
Gross
20 cm/8"



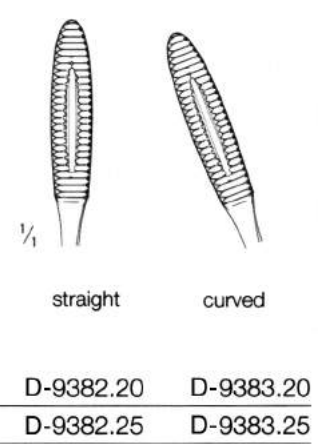
Gross
20 cm/8"

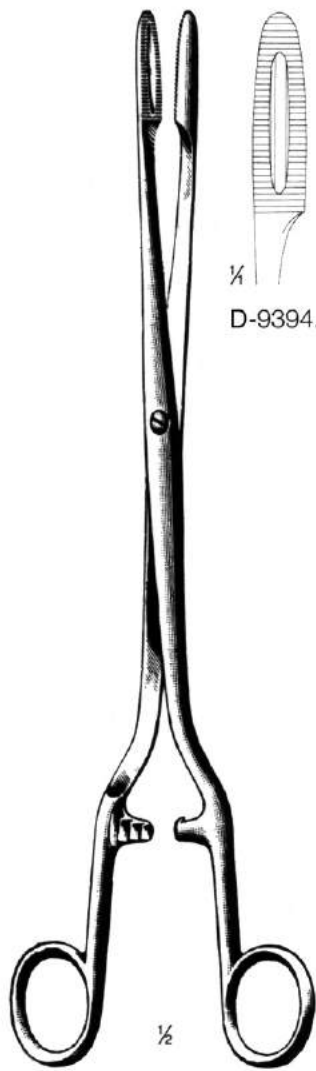


Gross-Maier



Gross-Maier





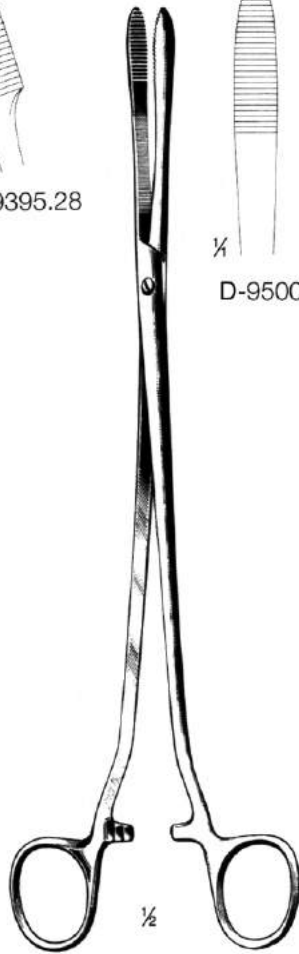
Sims-Maier
28 cm/11"



D-9394.28



D-9395.28



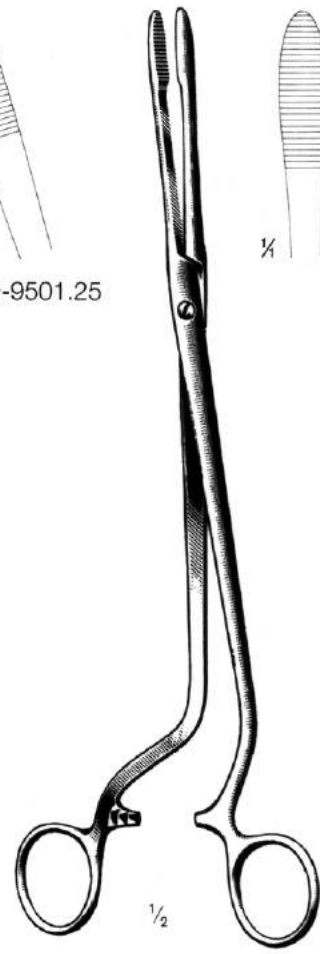
Collin
25 cm/10"



D-9500.25



D-9501.25

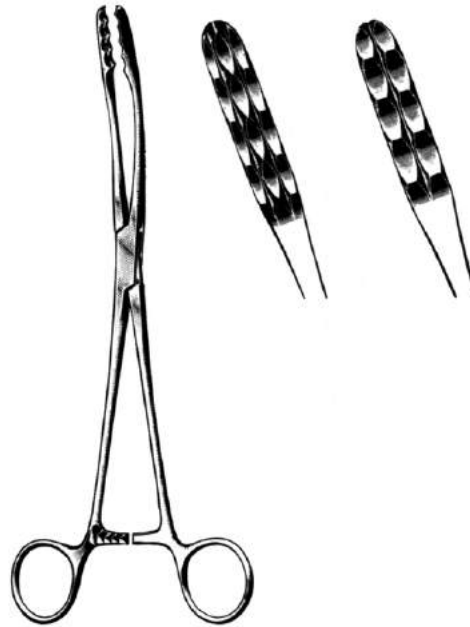


Cheron
25 cm/10"
D-9503.25

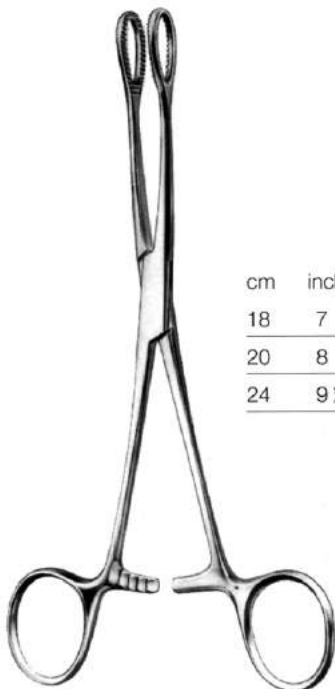




Ulrich
 D-9510.18 = 18 cm/7"
 D-9510.20 = 20 cm/8"
 D-9510.25 = 25 cm/10"



Ulrich
 D-9511.18 = 18 cm/7"
 D-9511.20 = 20 cm/8"
 D-9511.25 = 25 cm/10"

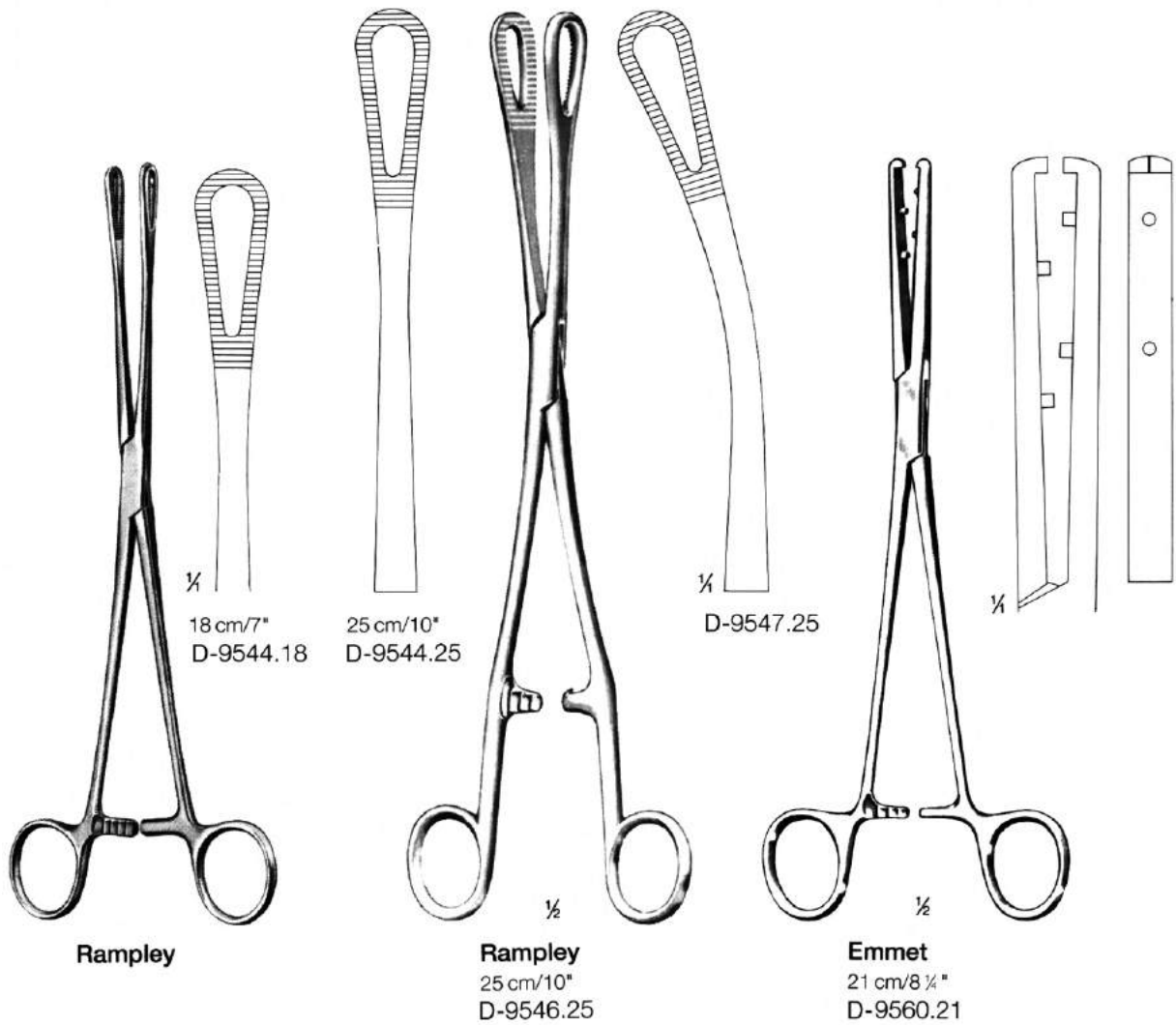


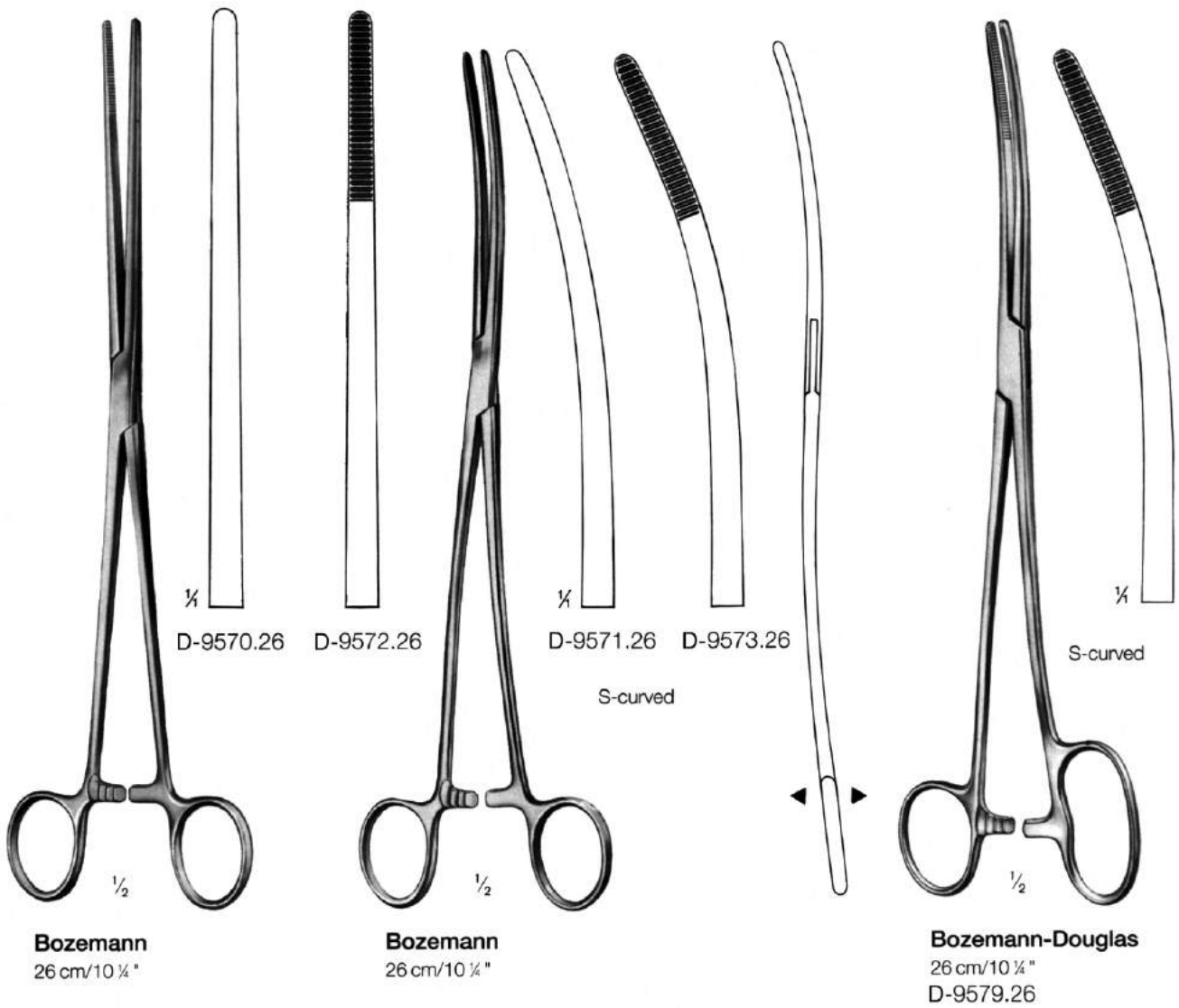
**Foerster
 (Ballenger)**

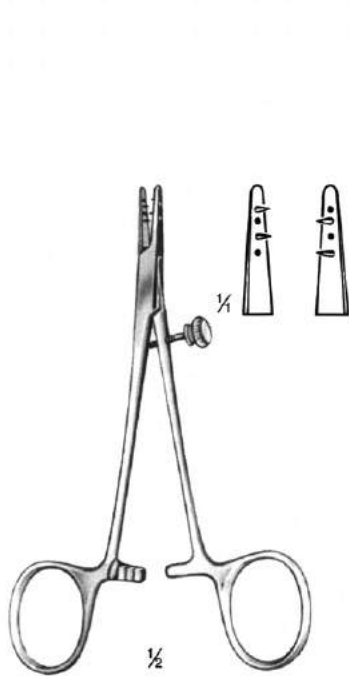
cm	inch.				
18	7	D-9520.18	D-9521.18	D-9522.18	D-9523.18
20	8	D-9520.20	D-9521.20	D-9522.20	D-9523.20
24	9½	D-9520.24	D-9521.24	D-9522.24	D-9523.24

smooth jaws

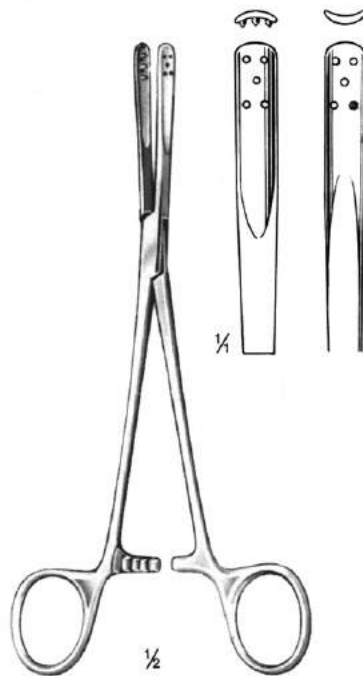
serrated jaws



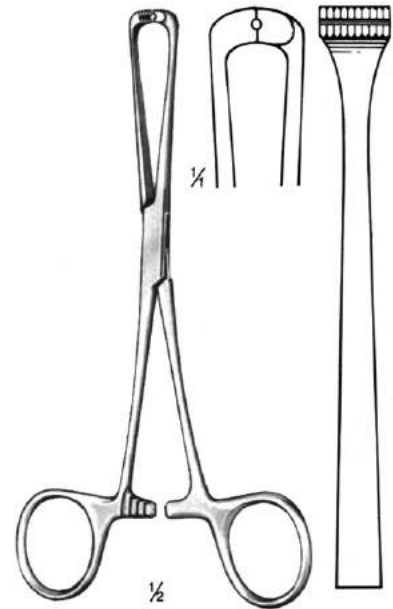




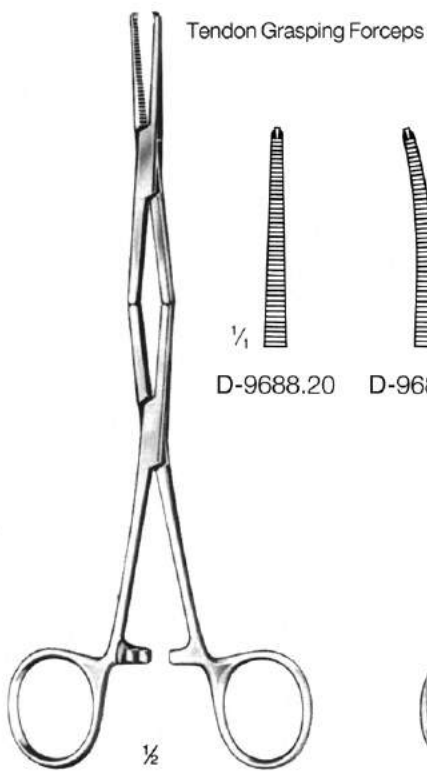
Steinmann
13 cm/5"
D-9650.13



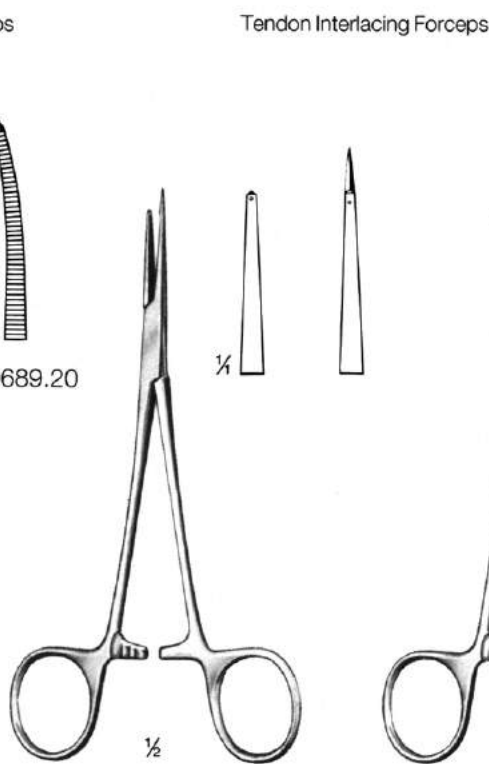
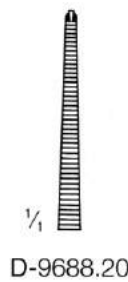
Brand
15,5 cm/5 1/4"
D-9670.15



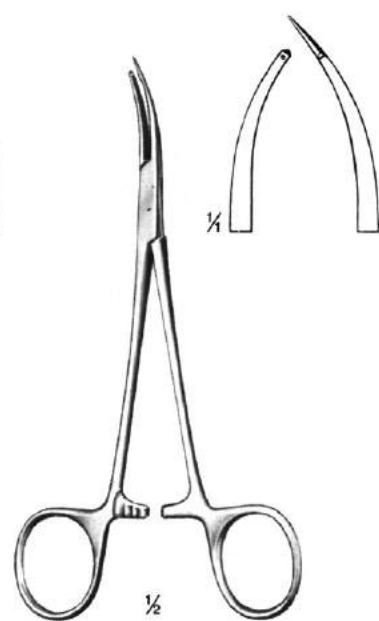
Steinmann
16 cm/6 1/4"
D-9680.16



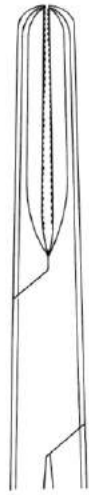
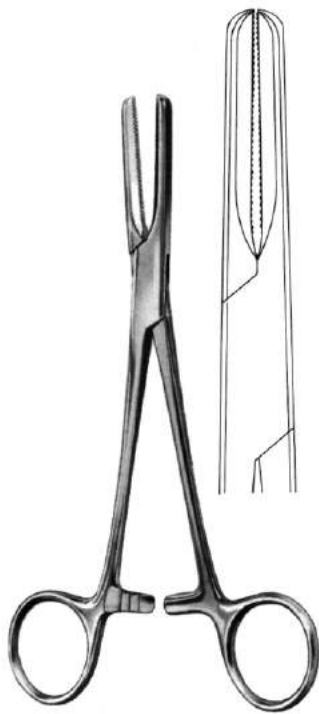
20,5 cm/8"



15 cm/6"
D-9690.15



15 cm/6"
D-9691.15



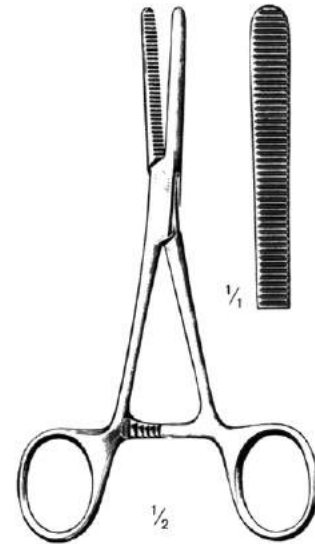
15 cm/6"
D-9900.15



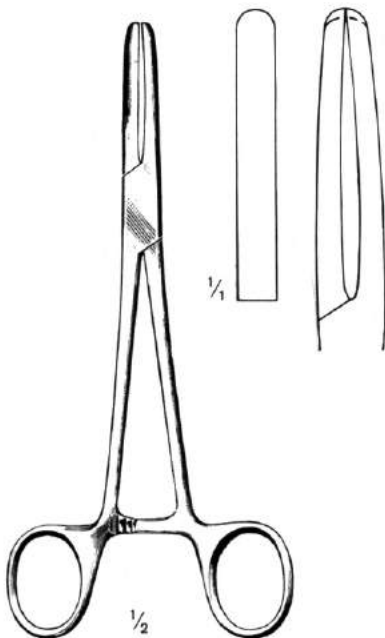
18 cm/7"
D-9900.18



20 cm/8"
D-9900.20



Mod. Klinikum Berlin
14,5 cm/5 3/4"
D-9906.14



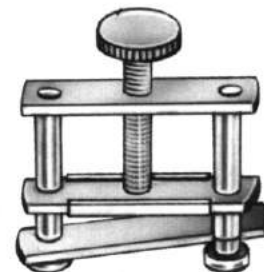
Presbyterian-Hospital
16,5 cm/6 1/2"
D-9912.16



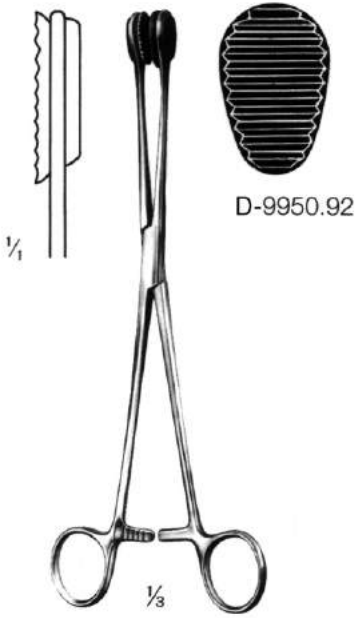
Baxter (Simplex)
12 mm
D-9928.12



Mohr
D-9920.40 = 40 mm
D-9920.50 = 50 mm
D-9920.60 = 60 mm
D-9920.70 = 70 mm
D-9920.80 = 80 mm



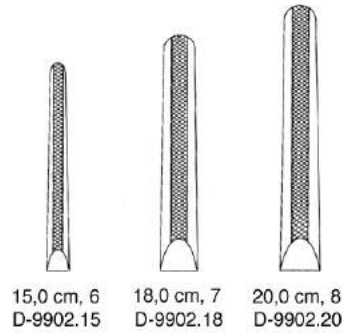
Hoffmann
D-9930.20



Child
24 cm/9 1/2"
D-9950.24



Rogge
23 cm/9"
D-9954.23



D-9952.20=20 cm/9"
D-9952.30=30 cm/12"



Cheatle
27 cm/10 1/2"
D-9955.27



Sauerbruch
55 cm/22"
D-9968.55

Catheter Introducing Forceps



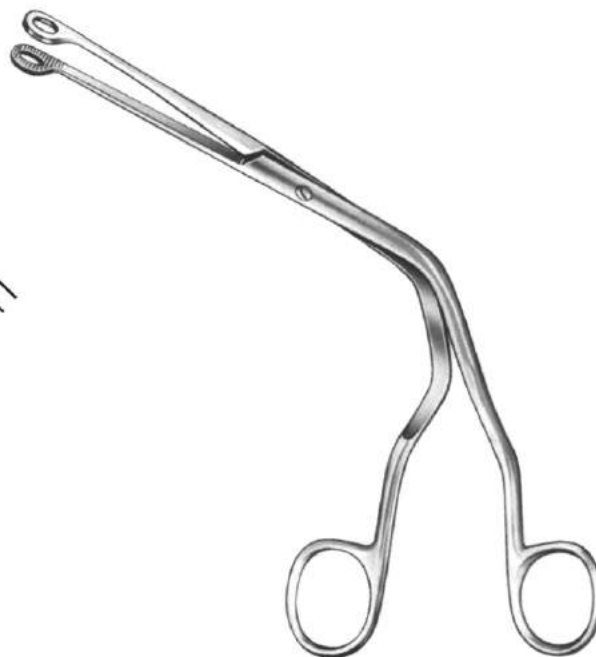
15,5 cm/6"
D-9975.15
pediatric size



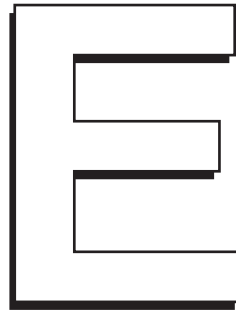
20 cm/8"
D-9975.20
for children



25,5 cm/10"
D-9975.25
for adults



Magill



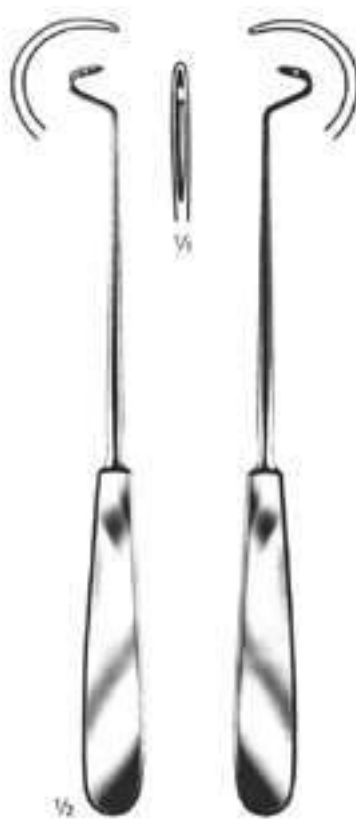
- Suture
- Suture
- Sutura



RAGHEB LIGATURE
18 cm
E-0700.18



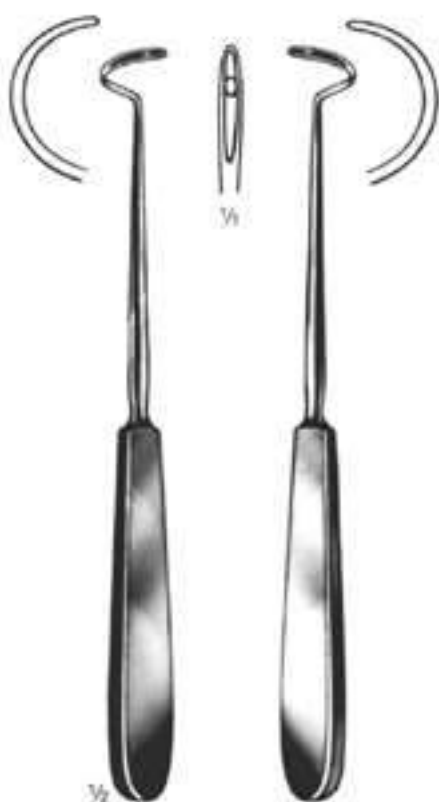
Kronecker **Kronecker**
14 cm/5 1/2" 14 cm/5 1/2"
E-0714.01 E-0714.02
blunt blunt



Deschamps **Deschamps**
20 cm/8" 20 cm/8"
E-0720.11 E-0720.12
blunt blunt



Deschamps **Deschamps**
20 cm/8" 20 cm/8"
E-0720.13 E-0720.14
sharp sharp



$\frac{1}{2}$
Deschamps
20 cm/8"
E-0720.21
blunt

Deschamps
20 cm/8"
E-0720.22
blunt



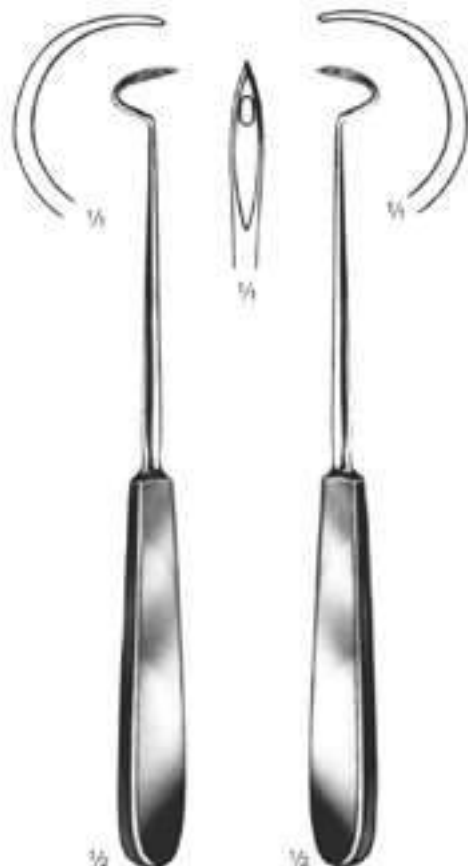
$\frac{1}{2}$
Deschamps
20 cm/8"
E-0720.23
sharp

Deschamps
20 cm/8"
E-0720.24
sharp



Deschamps
21 cm/8 1/4"
E-0721.21
blunt

Deschamps
21 cm/8 1/4"
E-0721.22
blunt



Deschamps
21 cm/8 1/4"
E-0721.23
sharp

Deschamps
21 cm/8 1/4"
E-0721.24
sharp



Deschamps
22,5 cm/9"
E-0722.01
blunt

Deschamps
22,5 cm/9"
E-0722.02
blunt



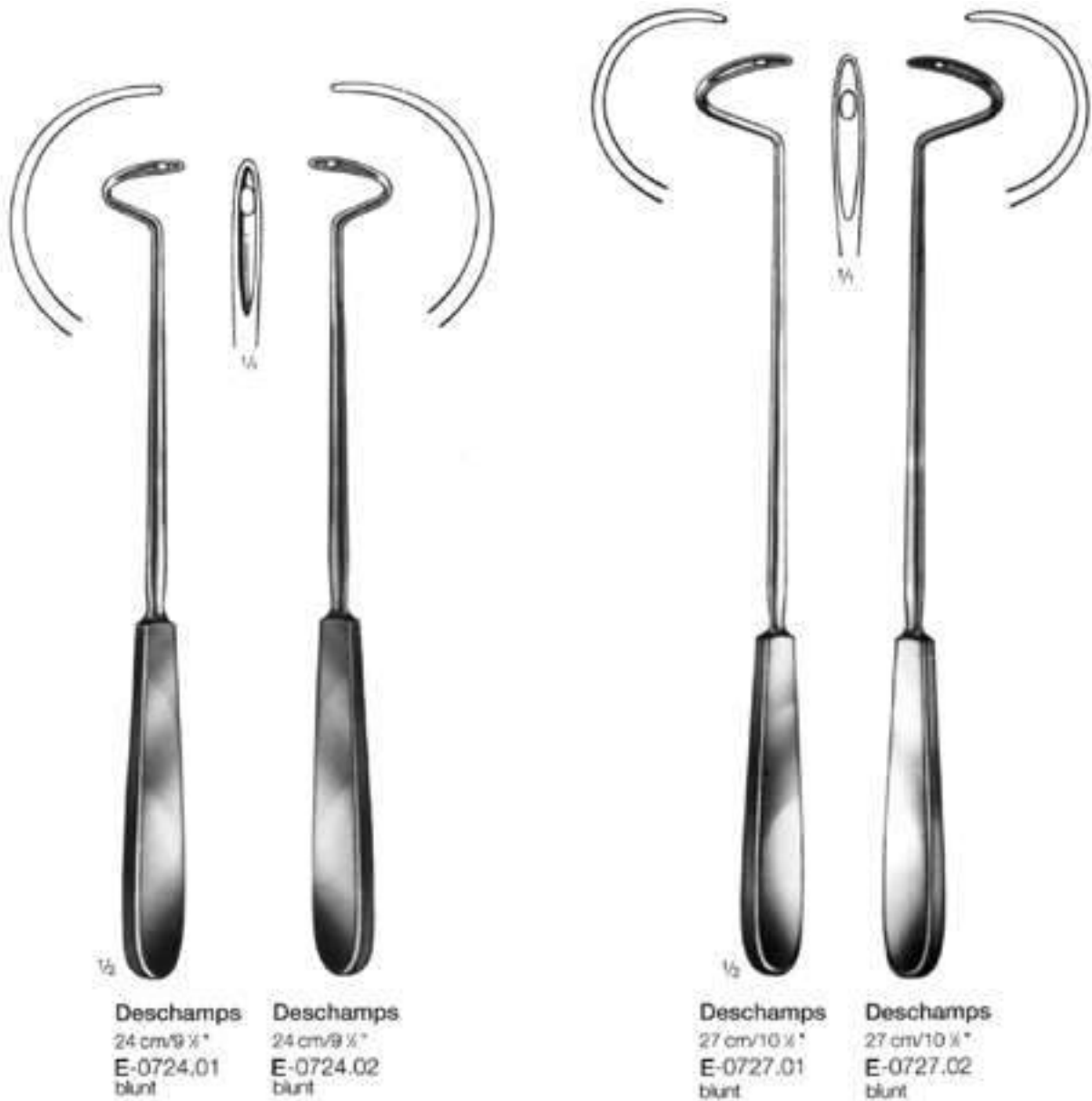
Deschamps
22,5 cm/9"
E-0722.03
blunt

Deschamps
22,5 cm/9"
E-0722.04
blunt



Deschamps
22,5 cm/9"
E-0722.21
blunt

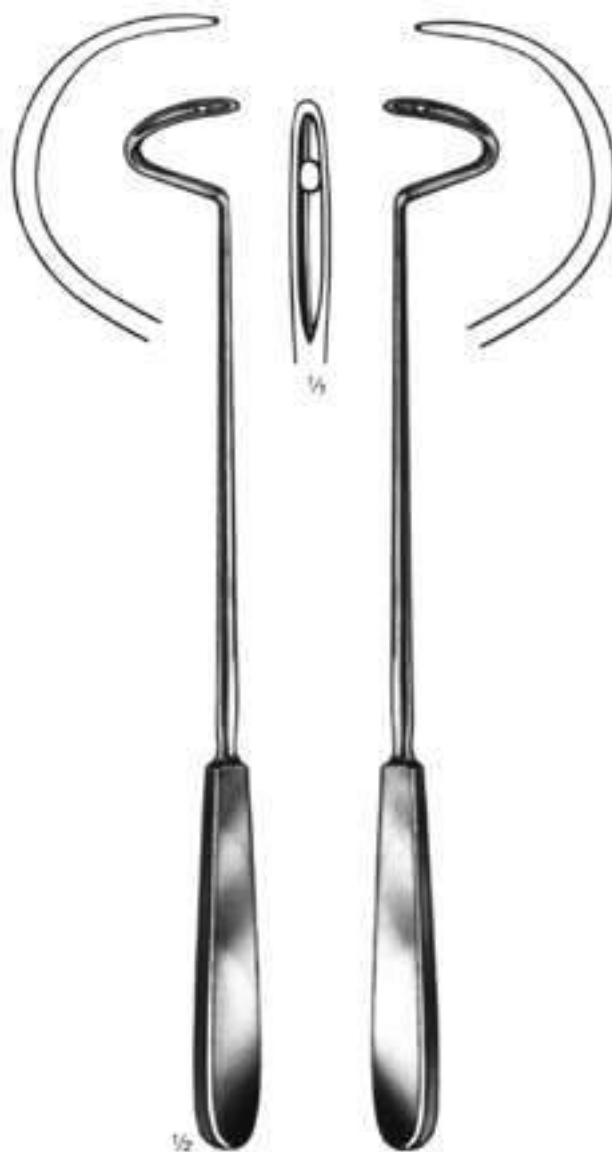
Deschamps
22,5 cm/9"
E-0722.22
blunt





Deschamps
27 cm/10 3/4"
E-0727.03
sharp

Deschamps
27 cm/10 3/4"
E-0727.04
sharp



Deschamps
28 cm/11"
E-0728.01
blunt

Deschamps
28 cm/11"
E-0728.02
blunt



$\frac{1}{2}$
Narath
22 cm/8 1/2"
E-0750.22



$\frac{1}{2}$
Schmieden
21 cm/8 1/4"
E-0754.21



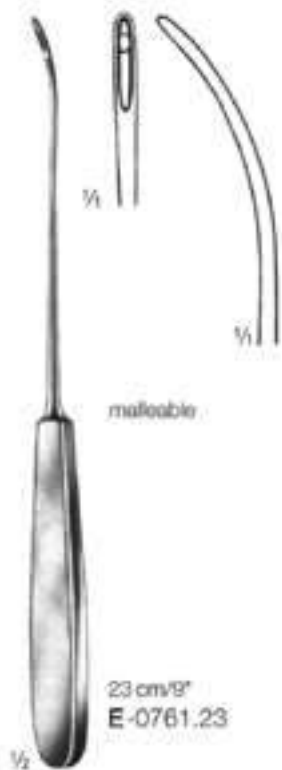
$\frac{1}{2}$
Kocher
19 cm/7 1/2"



E-0759.01 E-0759.02



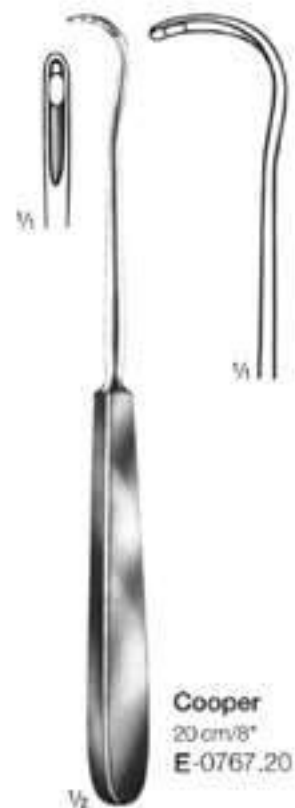
$\frac{1}{2}$
E-0759.03



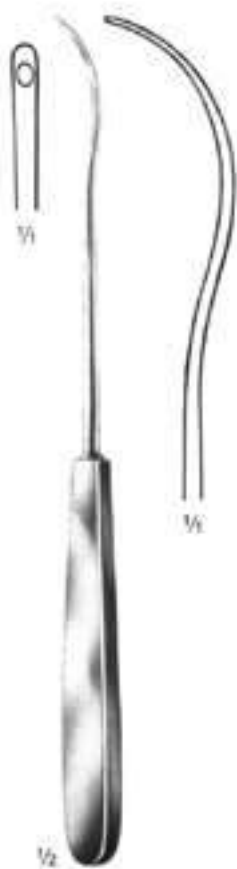
23 cm/9"
E-0761.23



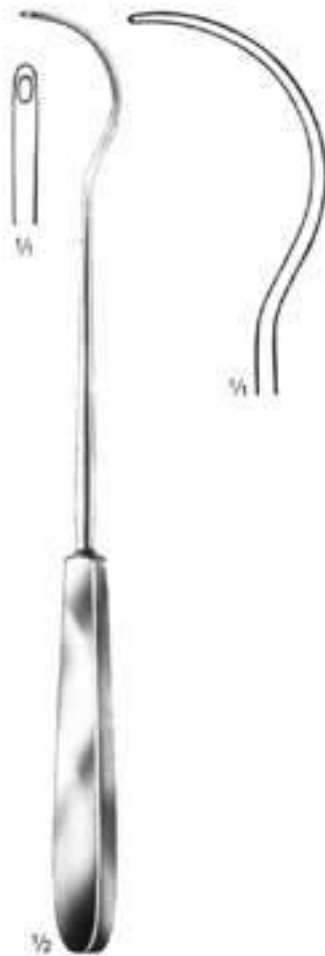
Cooper
19 cm/7 1/2"
E-0765.19



Cooper
20 cm/8"
E-0767.20



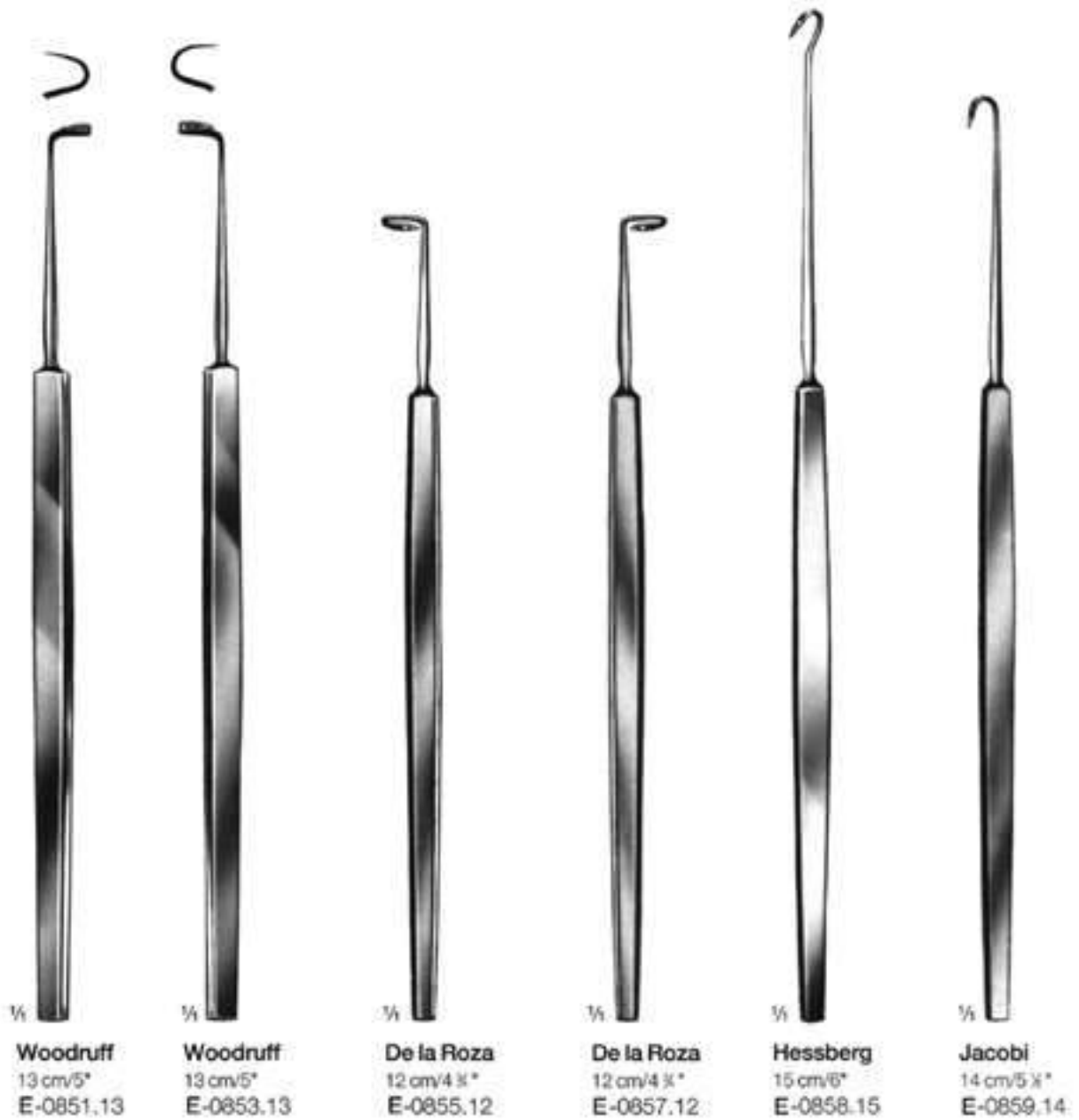
Deschamps
23 cm/9"
E-0774.23



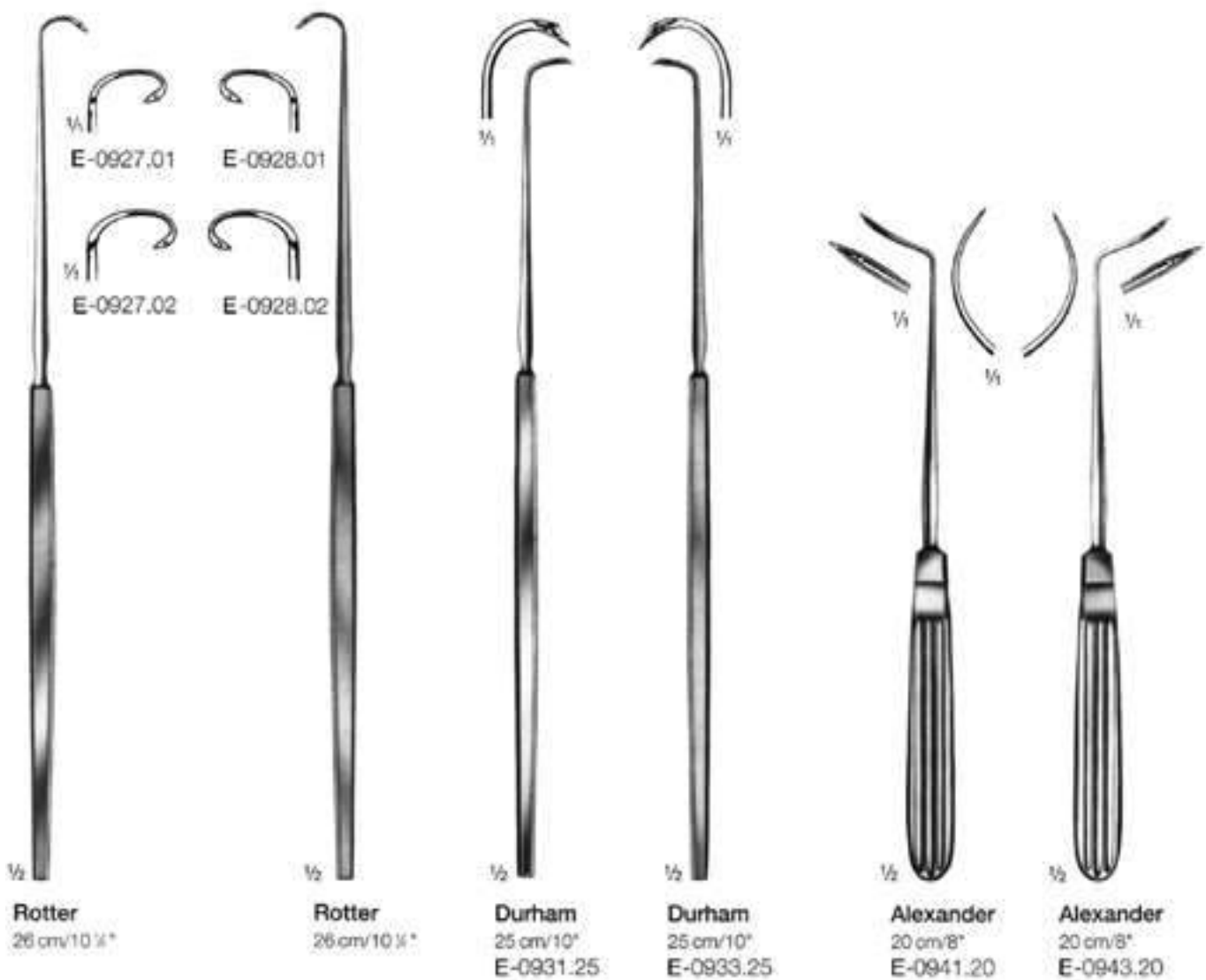
Brunner
25 cm/10"
E-0783.25

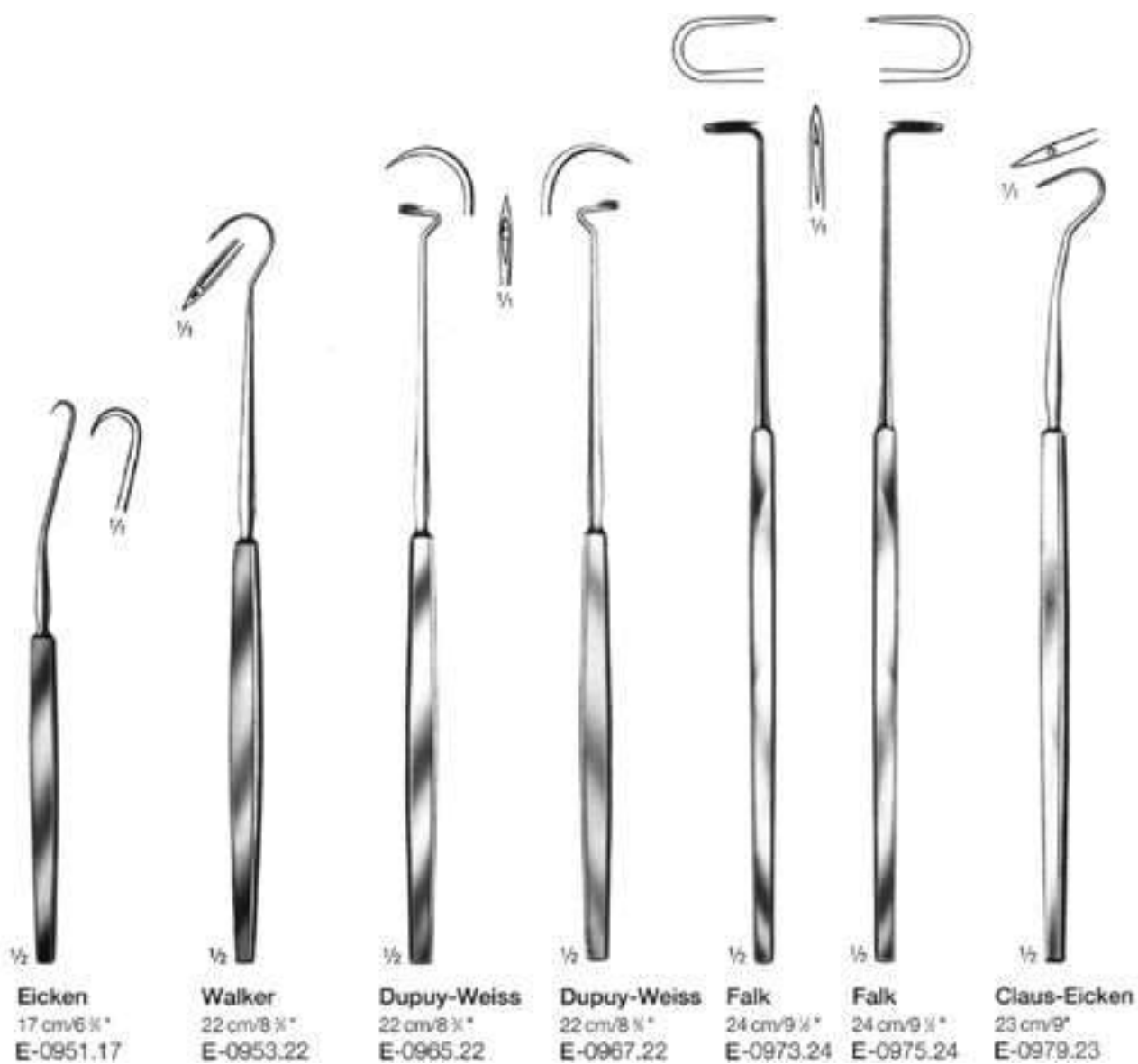


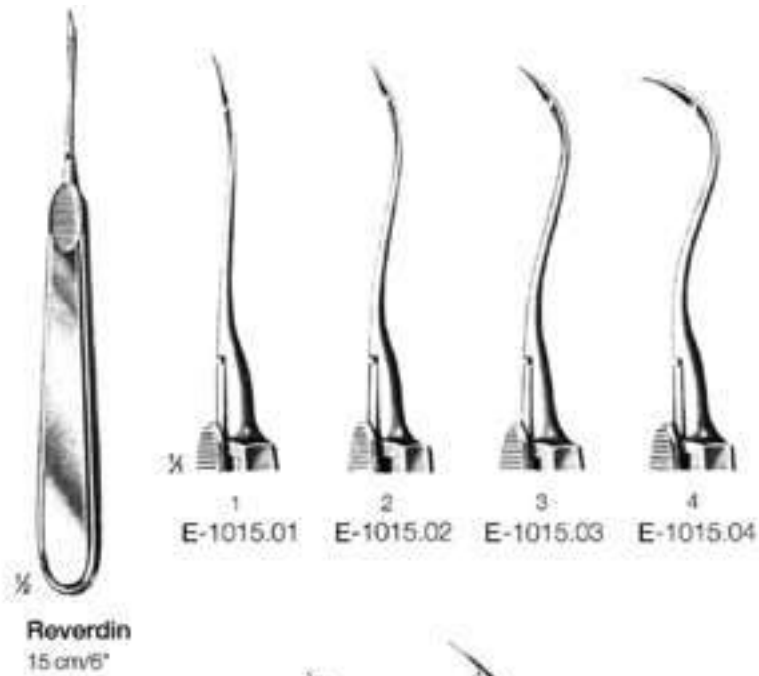
Brunner
30 cm/12"











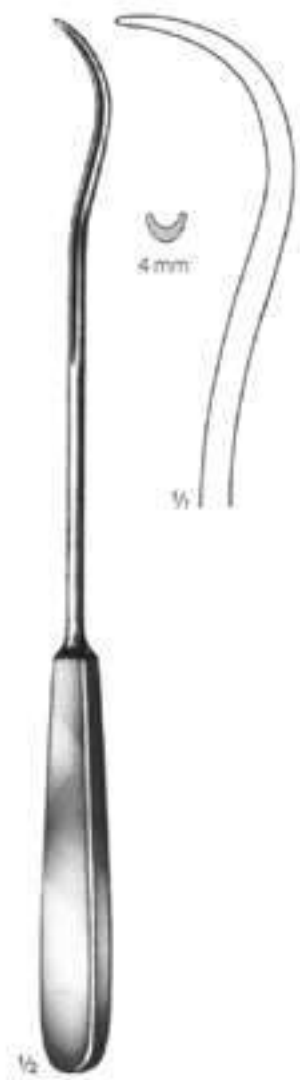




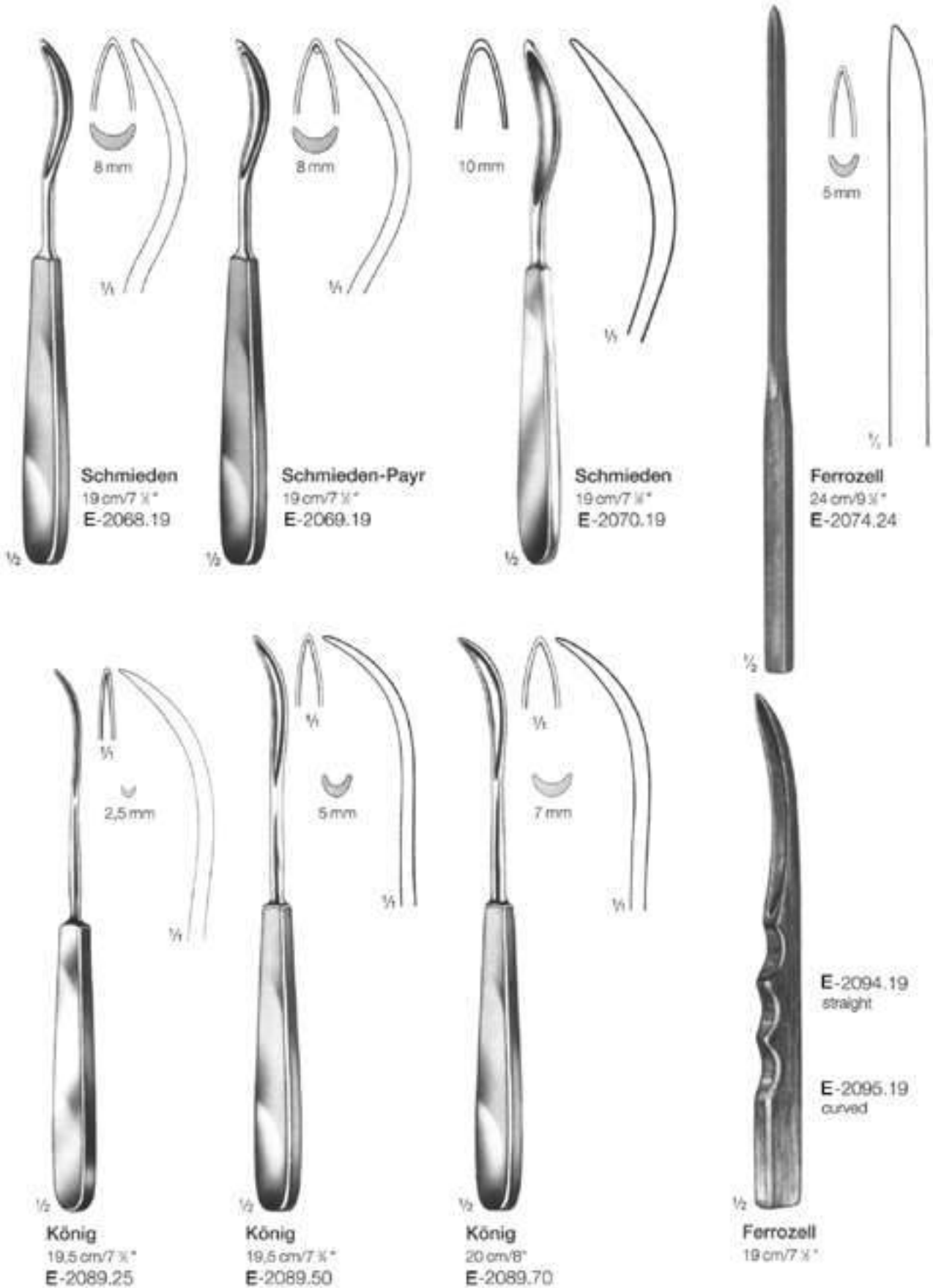
Brunner
25 cm/10"
E-2041.25

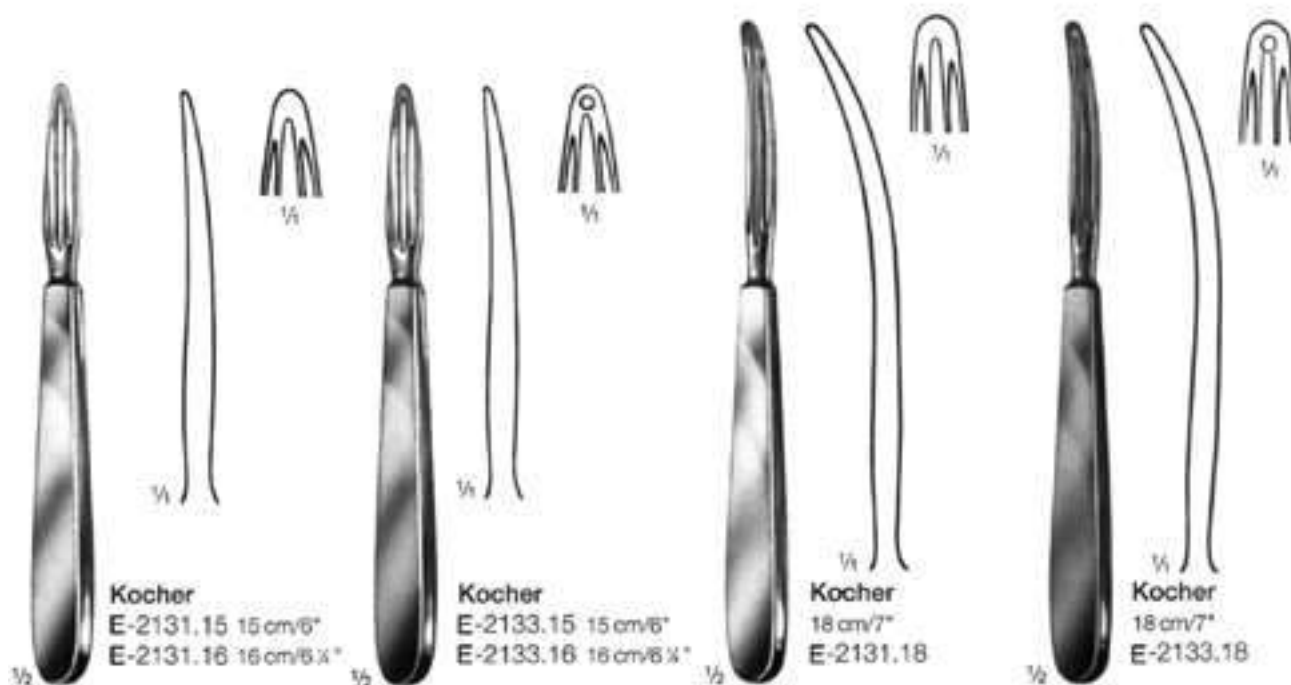
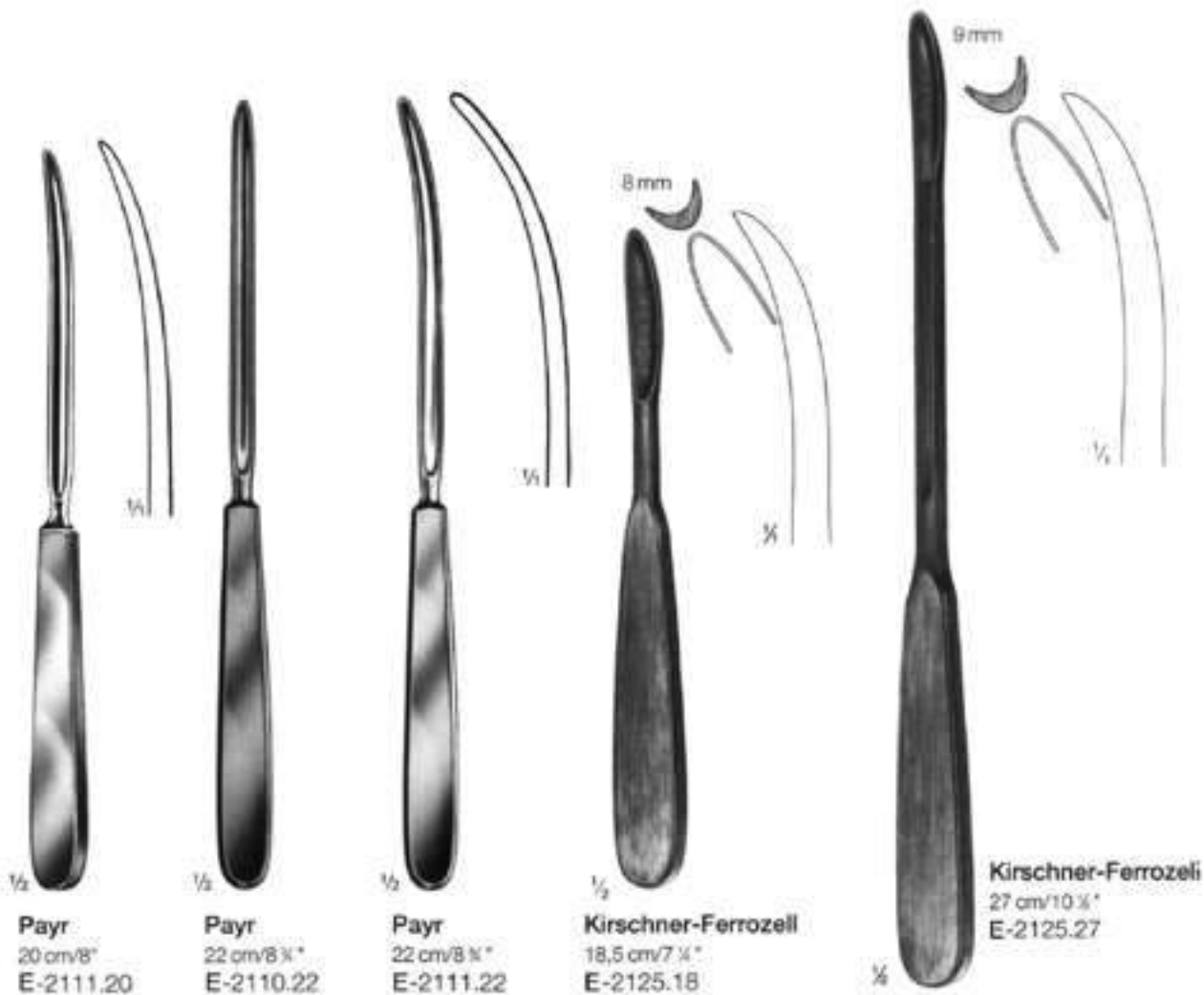


Kirschner
25,5 cm/10"
E-2045.25



28 cm/11"
E-2054-28







FRIEDRICH
16,5 cm/6¹/₄"
E-2580.16



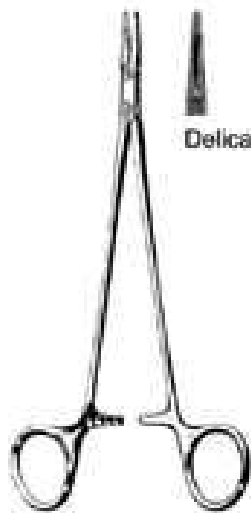
MODELL WIEN
23,5 cm/9¹/₄"
E-2550.23



BOZEMANN
21 cm/8¹/₄"
E-2550.21

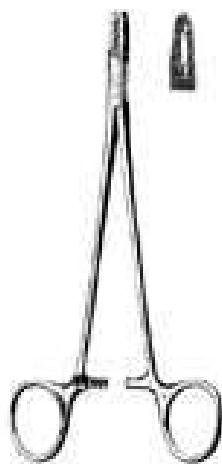


21 cm/8"
E-2570.23

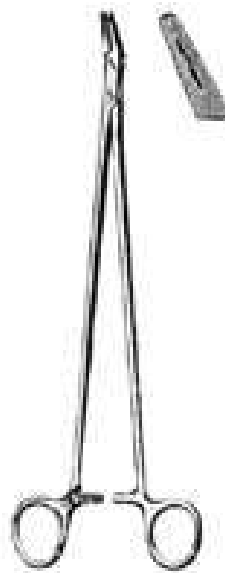


MAYO.HEGAR
E-2540.16 16 cm/6¹/₄"
E-2540.18 18 cm/7"
E-2540.20 20 cm/8"

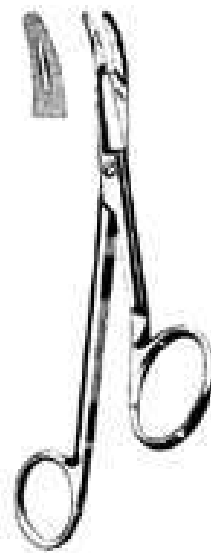
Delicate



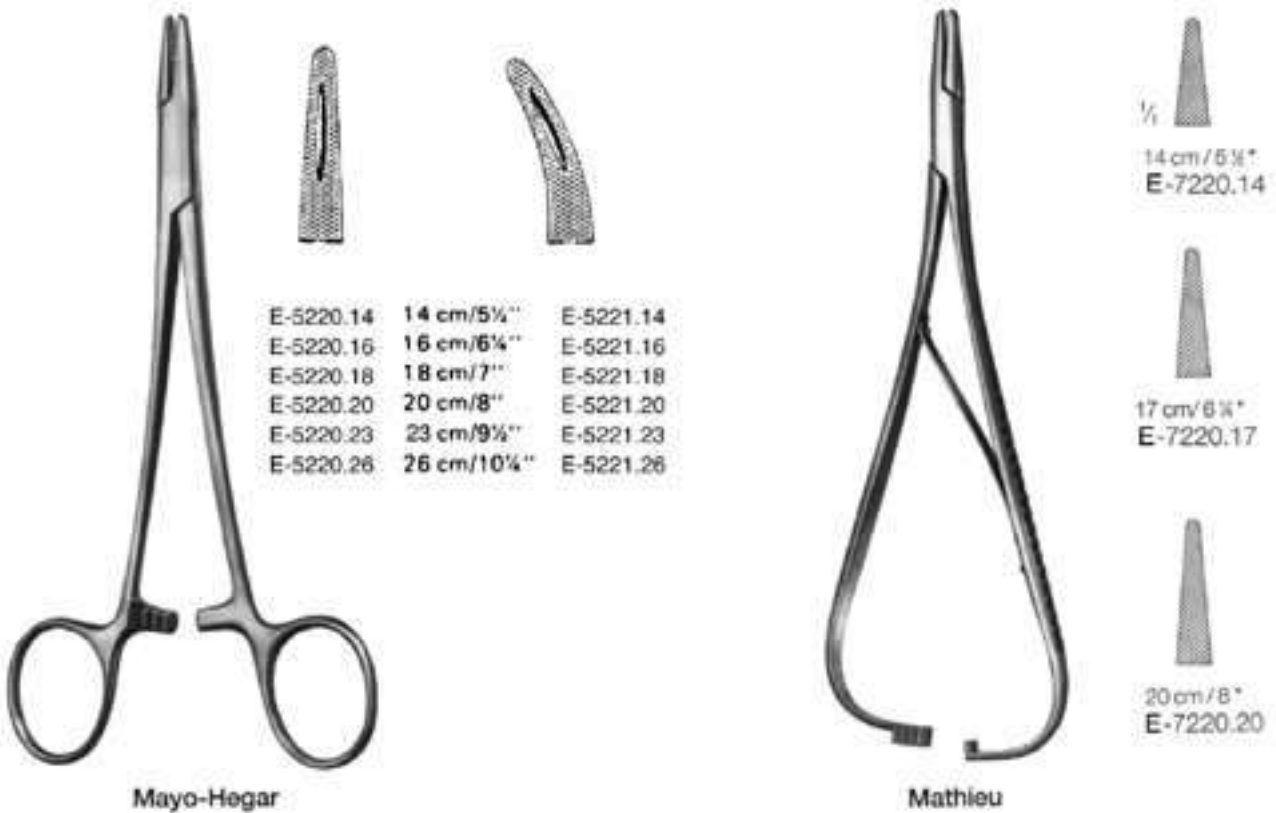
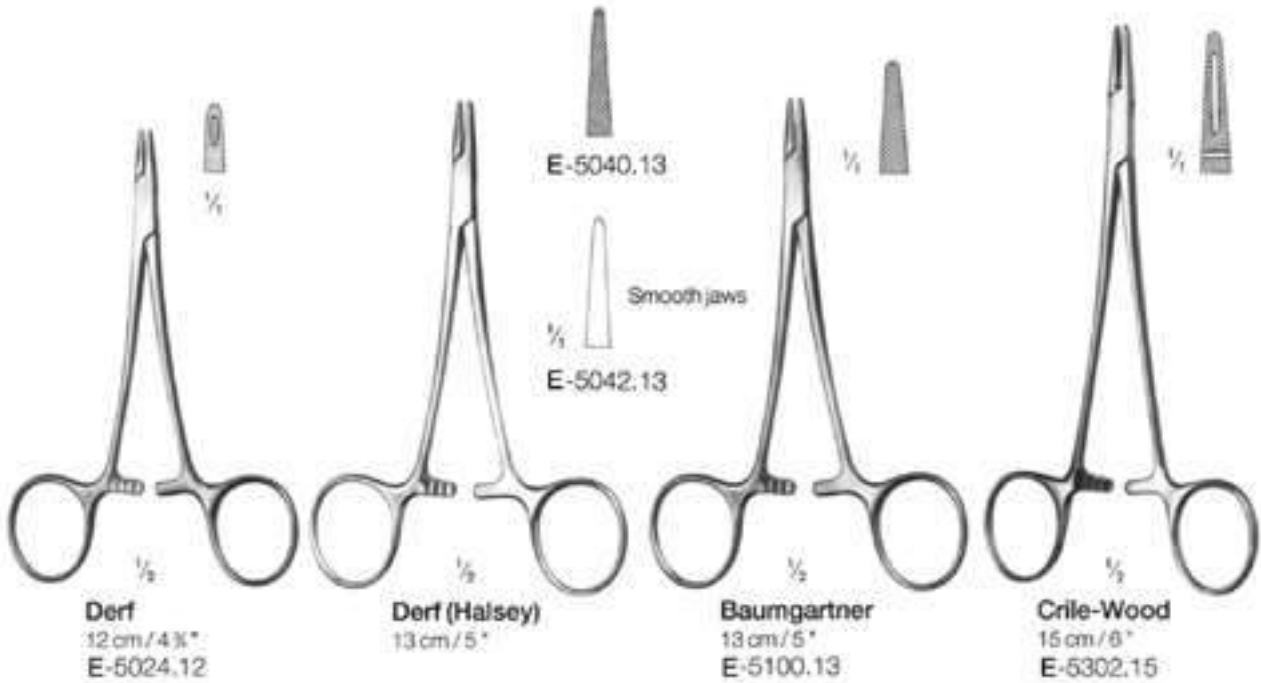
ADSON
E-2548.18
18 cm/7"



FINOCCHIETTO
E-4249.27
27 cm/10³/₄"



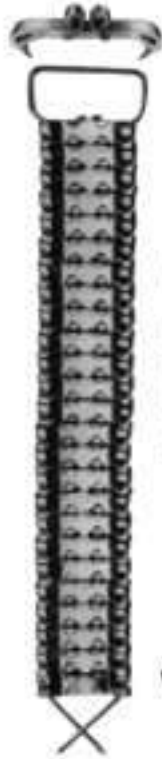
GILLIES
E-2290.18
18 cm/8¹/₂"





sizes mm	
7,5 x 1,75	E-9010.07
11,0 x 2	E-9010.11
12,0 x 3	E-9010.12
14,0 x 3	E-9010.14
16,0 x 3	E-9010.16
18,0 x 3	E-9010.18
20,0 x 3	E-9010.20
22,0 x 3	E-9010.22

Michel



sizes mm	
12 x 3	E-9020.12
14 x 3	E-9020.14
16 x 3	E-9020.16
18 x 3	E-9020.18
20 x 3	E-9020.20

Wachenfeldt



Kölner Sparklammern
E-9050.10

for applying and removing



Michel
12 cm/4 3/4"
E-9060.12



Collin
13 cm/5"
E-9067.13

for removing



Richter-Heath
14 cm/5 1/2"
E-9089.14

Applying and Removing Forceps
for Scalp Hemostasis Clips



Raney
16 cm/6 1/4"
E-9112.16



Raney
E-9113.12
Scalp Hemostasis Clips



Silver Wire in coils

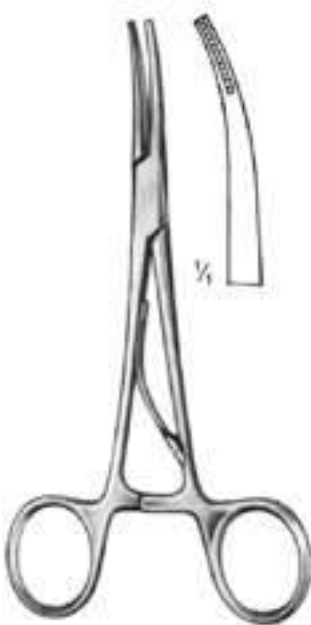
McKenzie 2.5g
E-9200.25



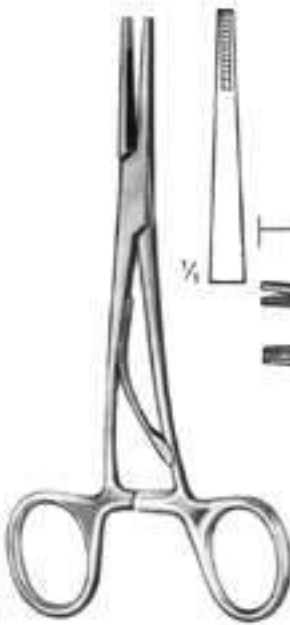
McKenzie
18 cm/7"
E-9200.18

Clip Applying Forceps

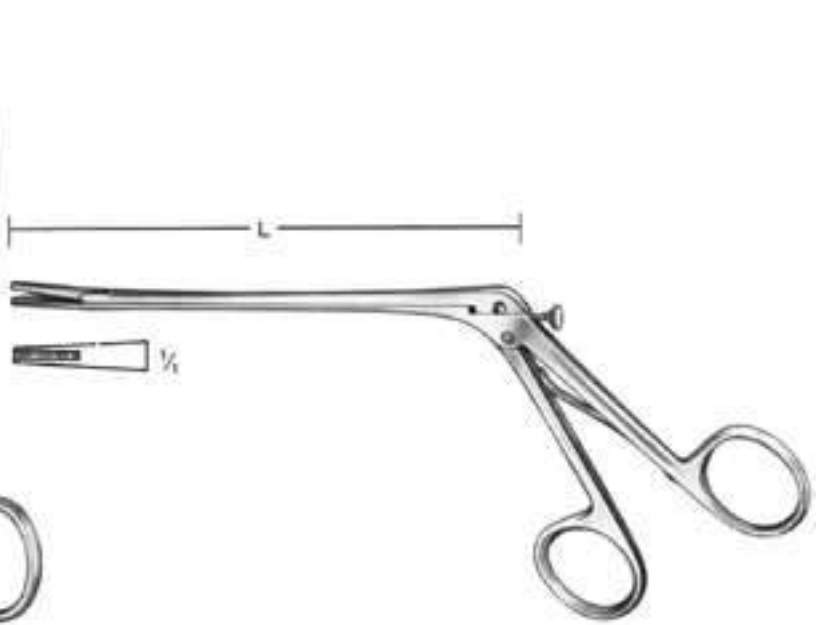
Clip Bending and Cutting Forceps



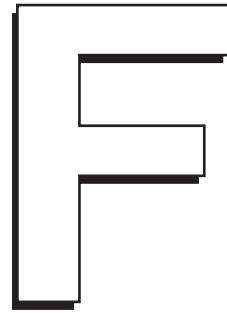
McKenzie
E-9201.15 = 15 cm/6"
E-9201.19 = 19 cm/7 1/2"



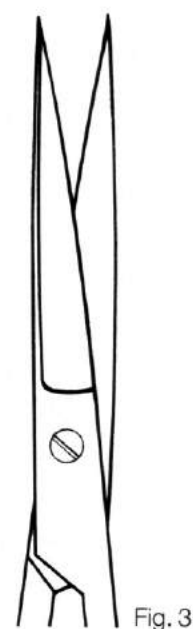
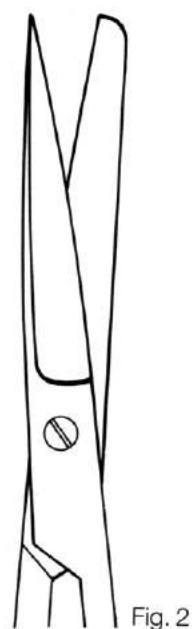
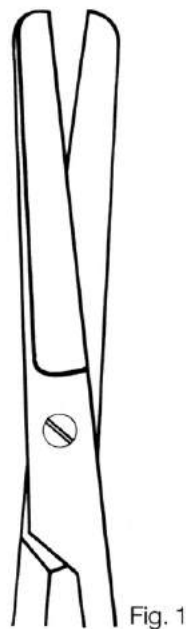
McKenzie
E-9203.15 = 15 cm/6"
E-9203.19 = 19 cm/7 1/2"



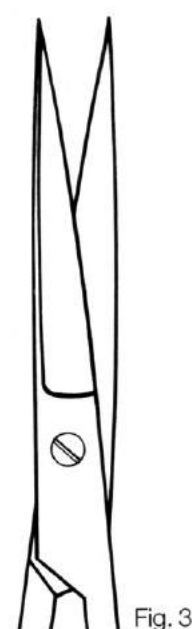
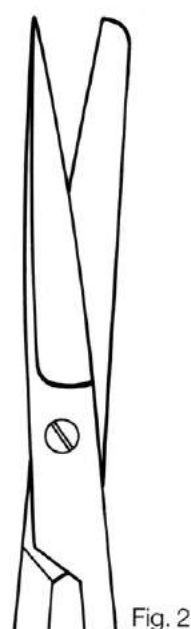
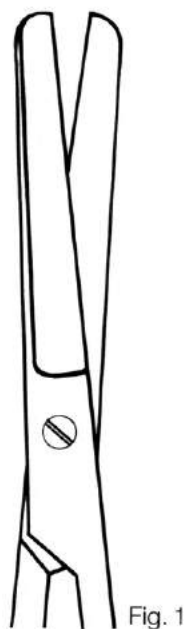
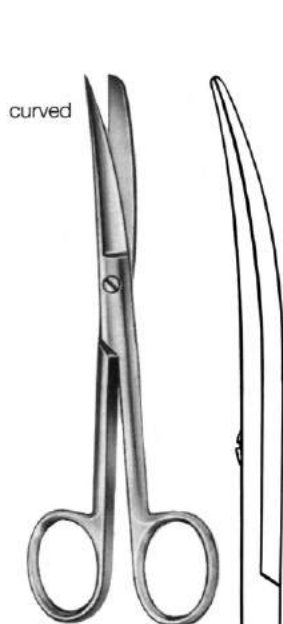
Olivecrona-Toennis (Scoville)
L = 14 cm/5 1/2" = E-9212.14
L = 21 cm/8 1/4" = E-9212.21



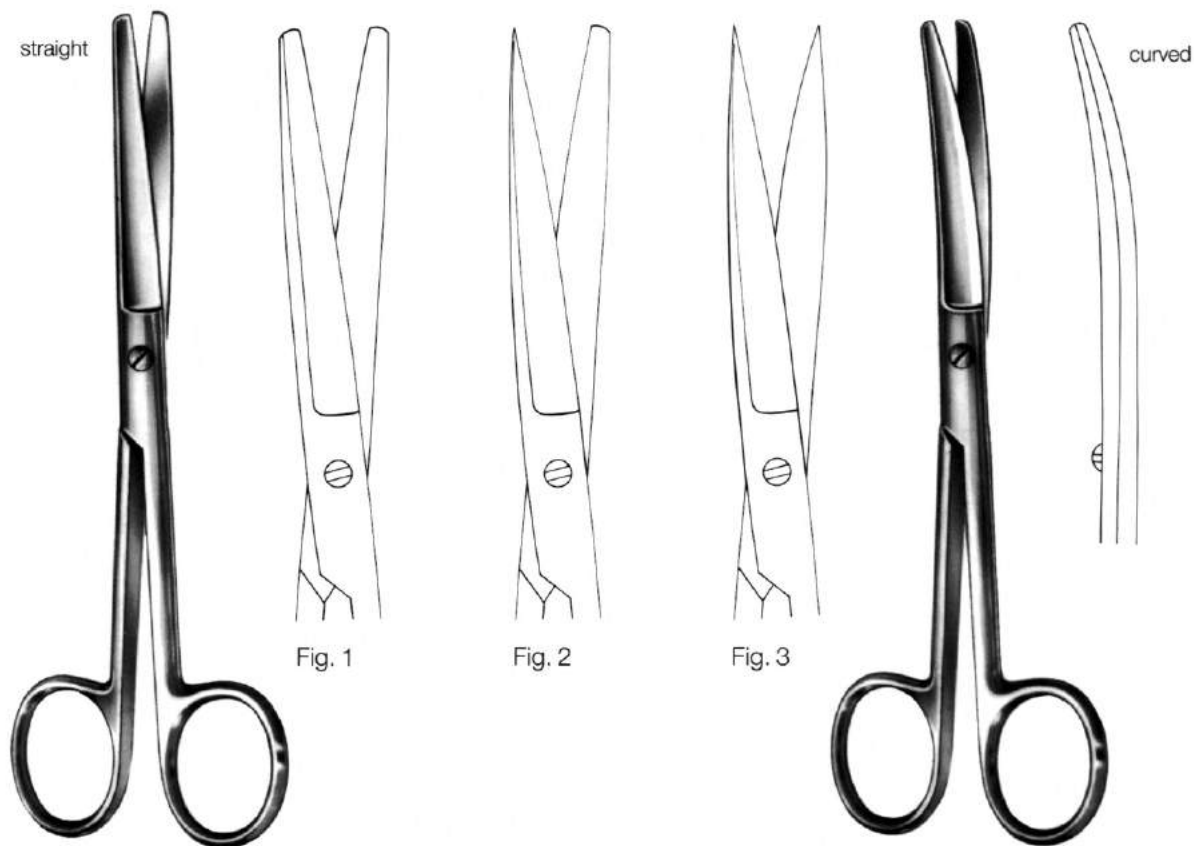
- Scissors
- Ciseaux
- Tijeras



cm	inch.			
11,5	4 ½	F-0110.11	F-0120.11	F-0130.11
13	5	F-0110.13	F-0120.13	F-0130.13
14,5	5 ¾	F-0110.14	F-0120.14	F-0130.14
16,5	6 ½	F-0110.16	F-0120.16	F-0130.16
18,5	7 ¼	F-0110.18	F-0120.18	F-0130.18



cm	inch.			
11,5	4 ½	F-0111.11	F-0121.11	F-0131.11
13	5	F-0111.13	F-0121.13	F-0131.13
14,5	5 ¾	F-0111.14	F-0121.14	F-0131.14
16,5	6 ½	F-0111.16	F-0121.16	F-0131.16
18,5	7 ¼	F-0111.18	F-0121.18	F-0131.18

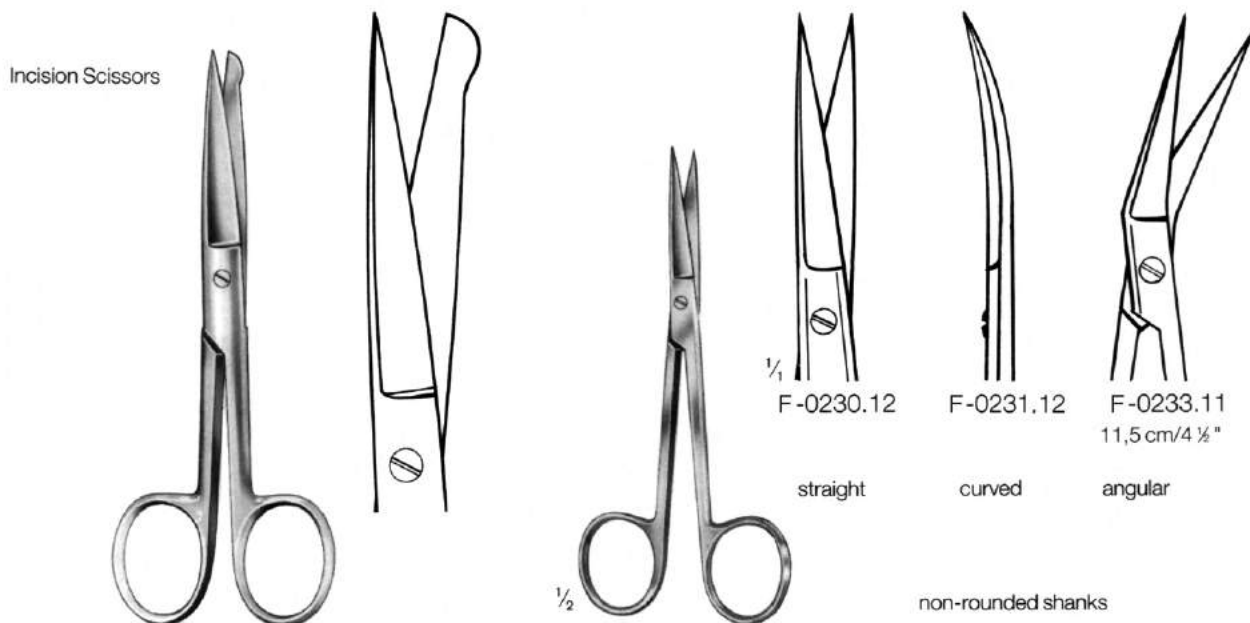
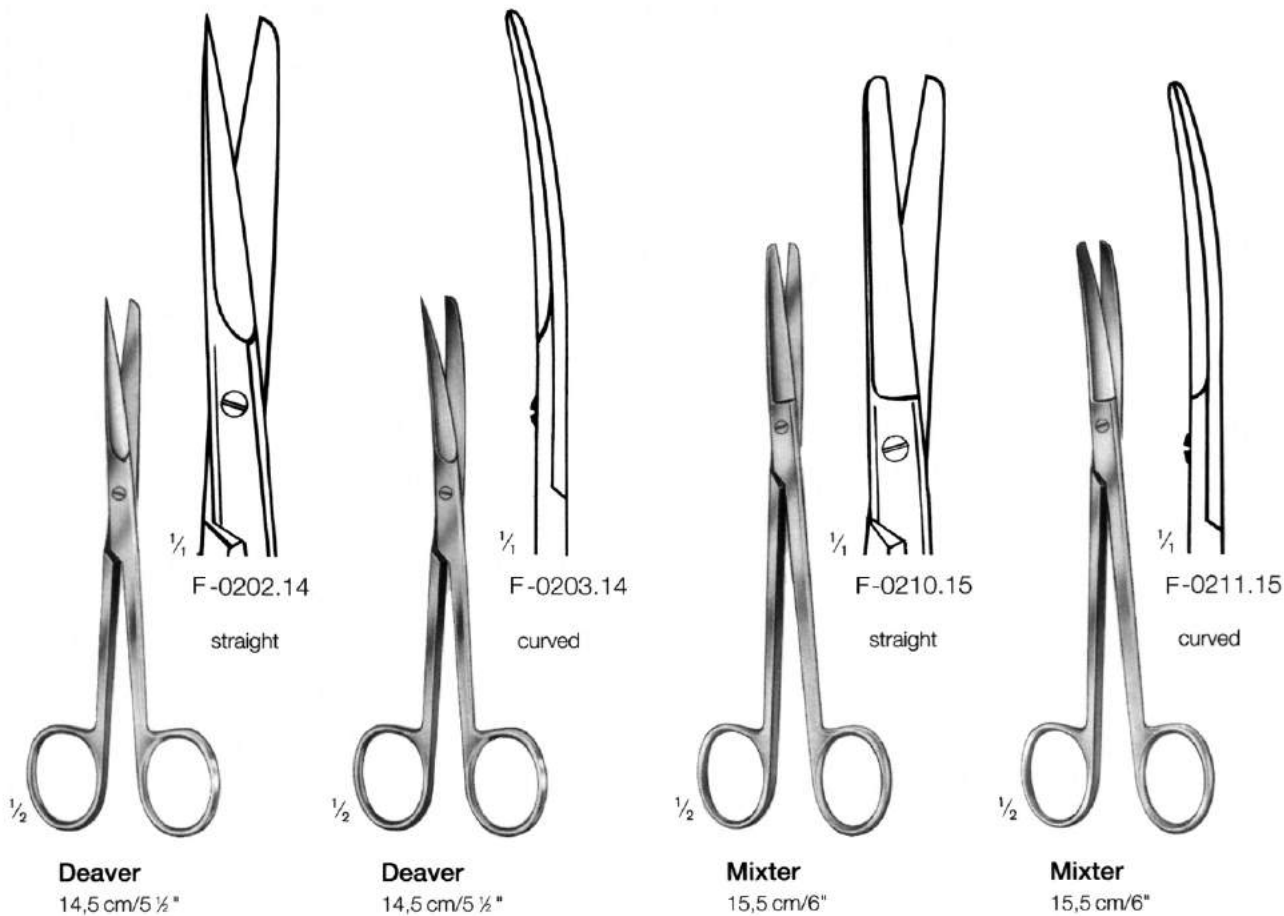


Grazil
 02-0141.##

	cm	inch.	
Fig. 1	13	5	F-0141.13
	14,5	5 7/8	F-0141.14
Fig. 2	13	5	F-0142.13
	14,5	5 7/8	F-0142.14
Fig.3	13	5	F-0143.13
	14,5	5 7/8	F-0143.14

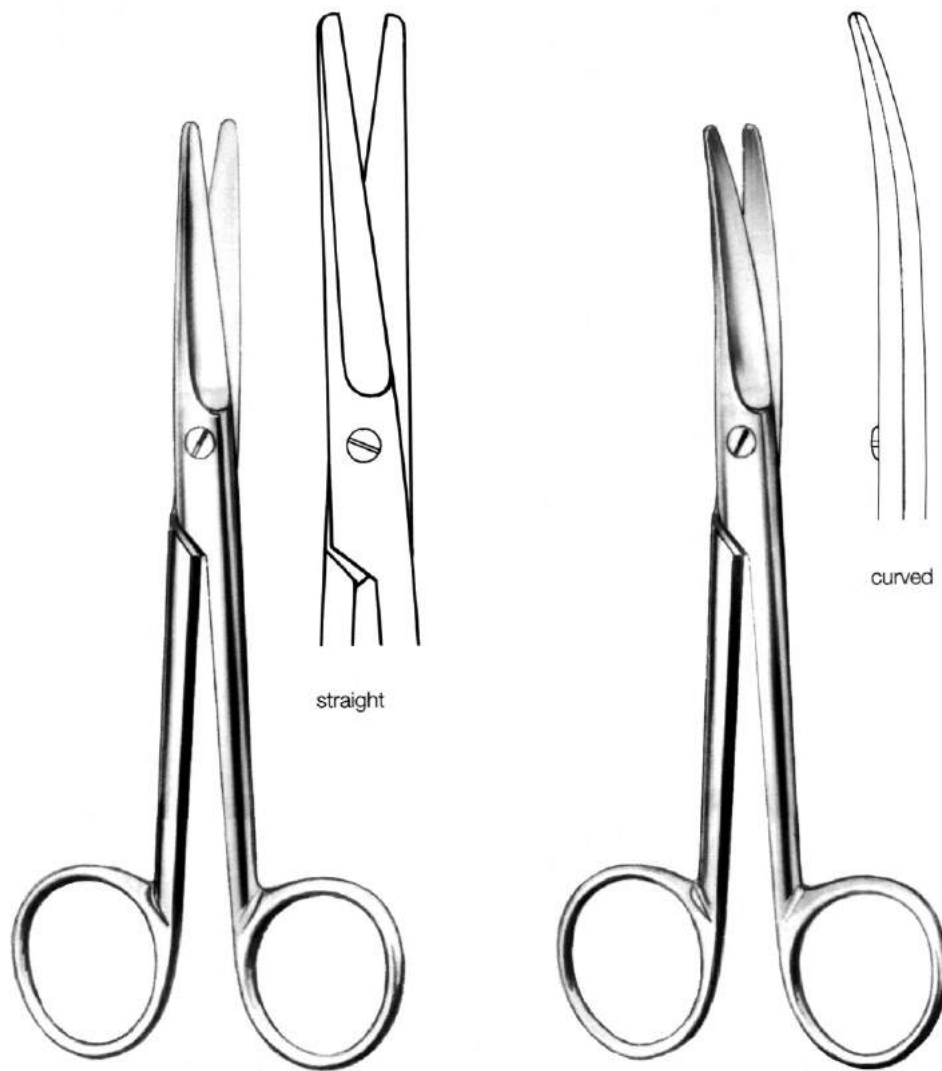
Grazil
 F-0151.##

	cm	inch.	
Fig. 1	13	5	F-0151.13
	14,5	5 7/8	F-0151.14
Fig. 2	13	5	F-0152.13
	14,5	5 7/8	F-0152.14
Fig.3	13	5	F-0153.13
	14,5	5 7/8	F-0153.14



F-0220.##		
cm	inch.	
13,0	5	F-0220.13
14,5	5 1/2	F-0220.14
15,3	6	F-0220.15

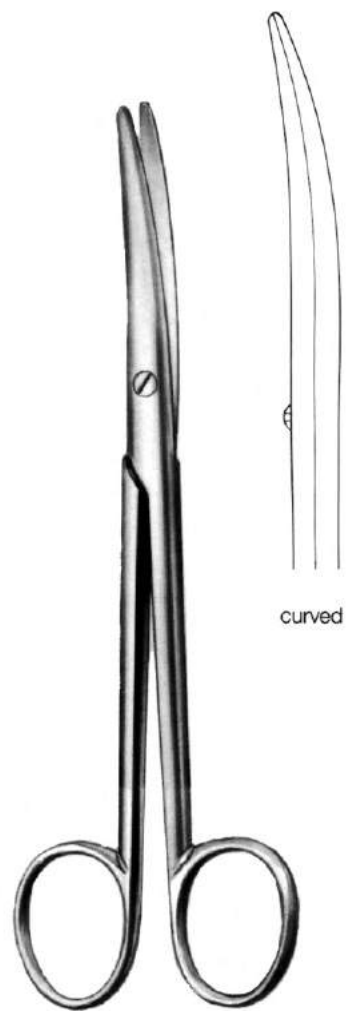
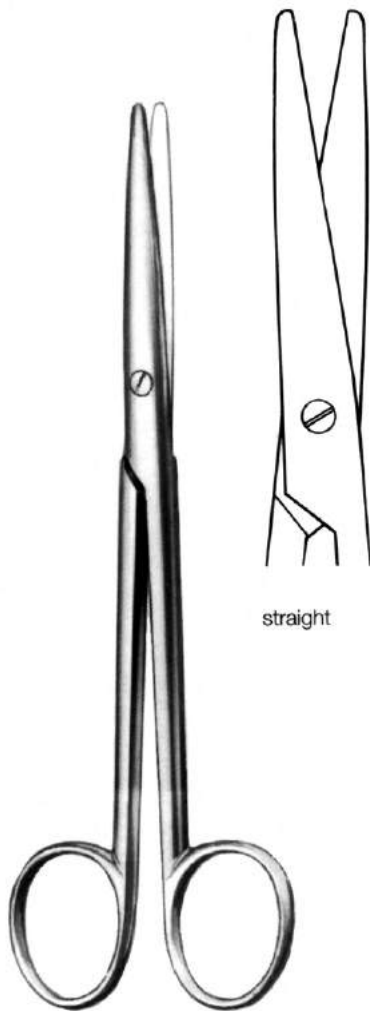
Iris
12,5 cm/4 3/4"



Mayo

Mayo

cm	inch.		
14	5½	F-0310.14	F-0311.14
15,5	6	F-0310.15	F-0311.15
17	6¾	F-0310.17	F-0311.17
21	8¼	F-0310.21	F-0311.21
23	9	F-0310.23	F-0311.23



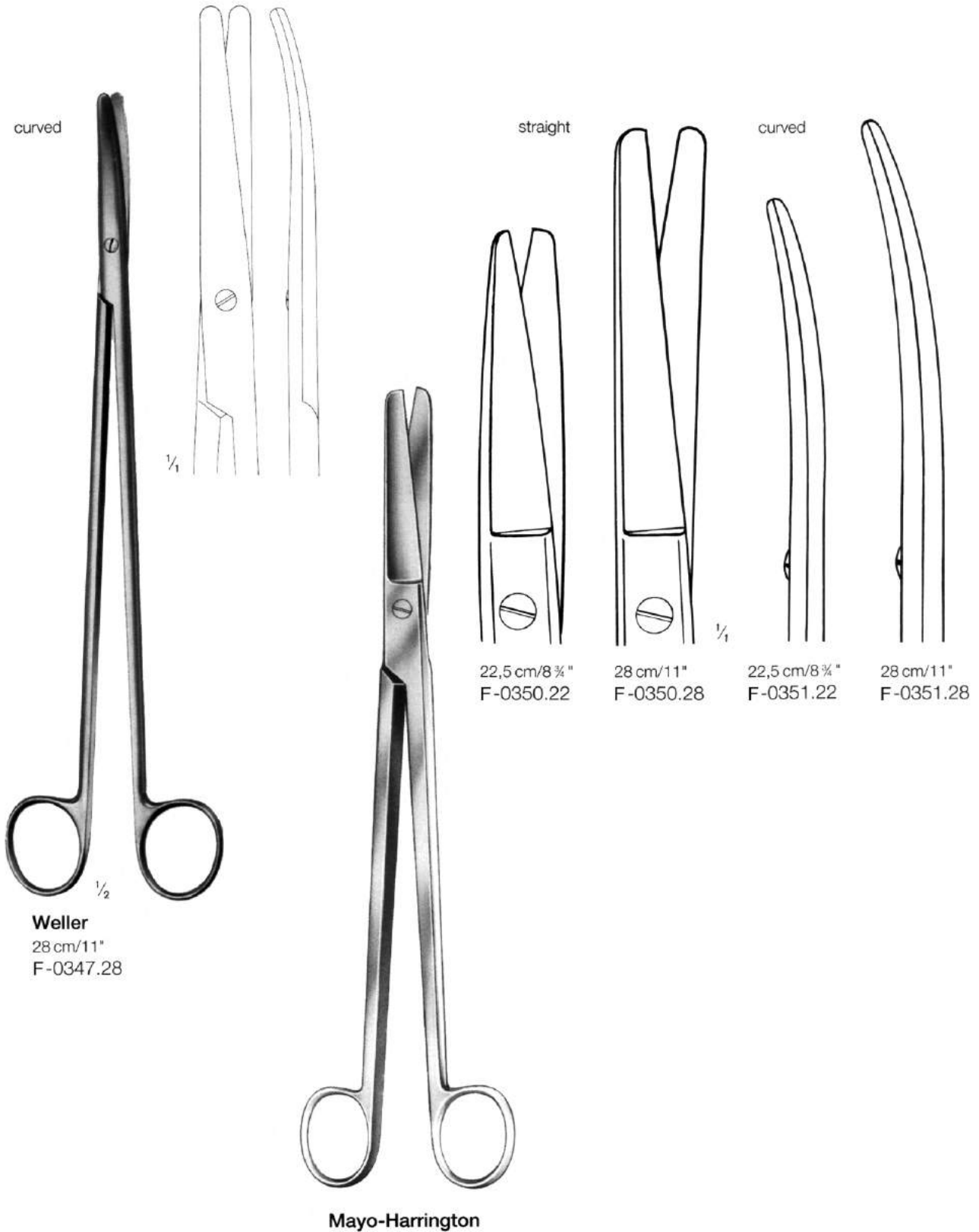
Mayo-Stille

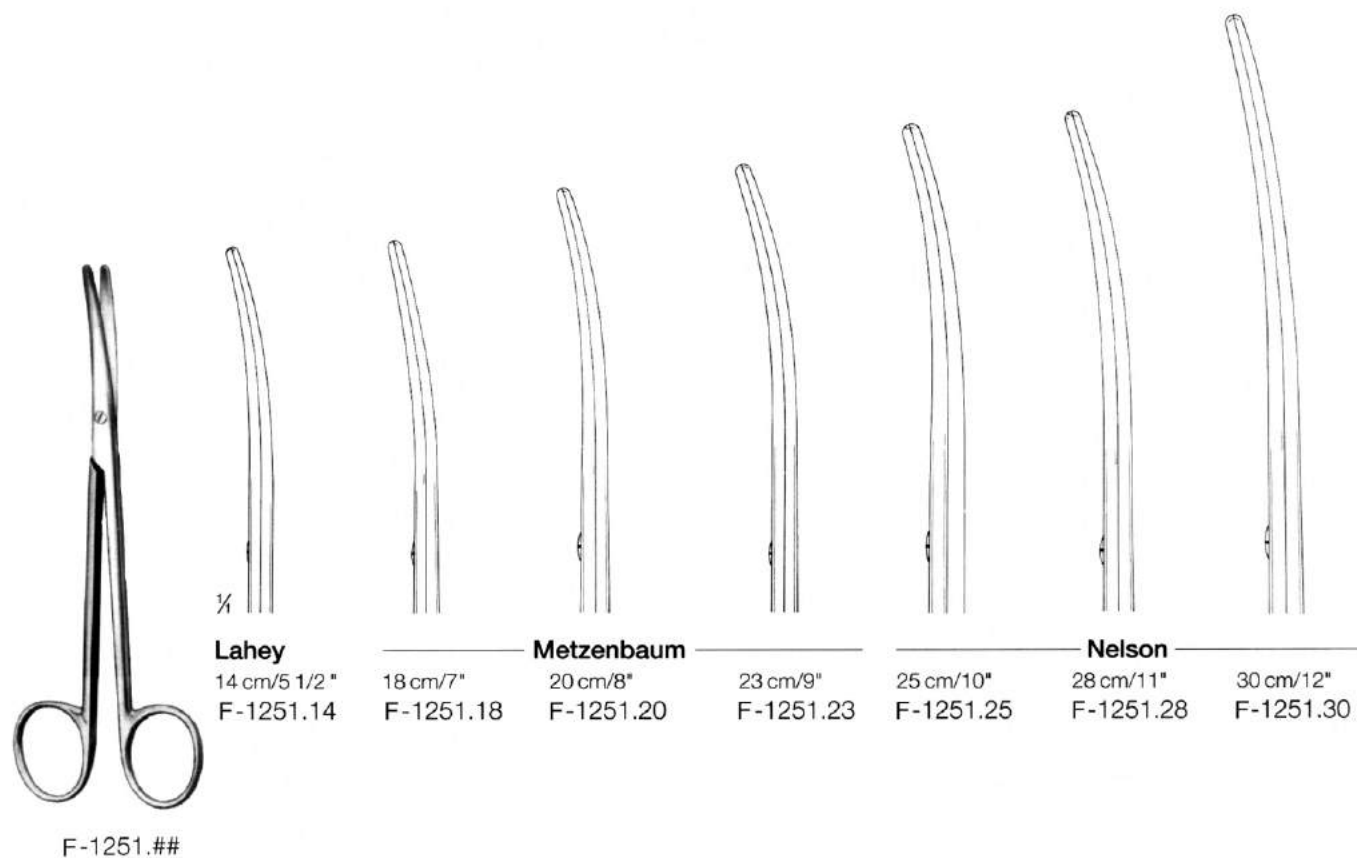
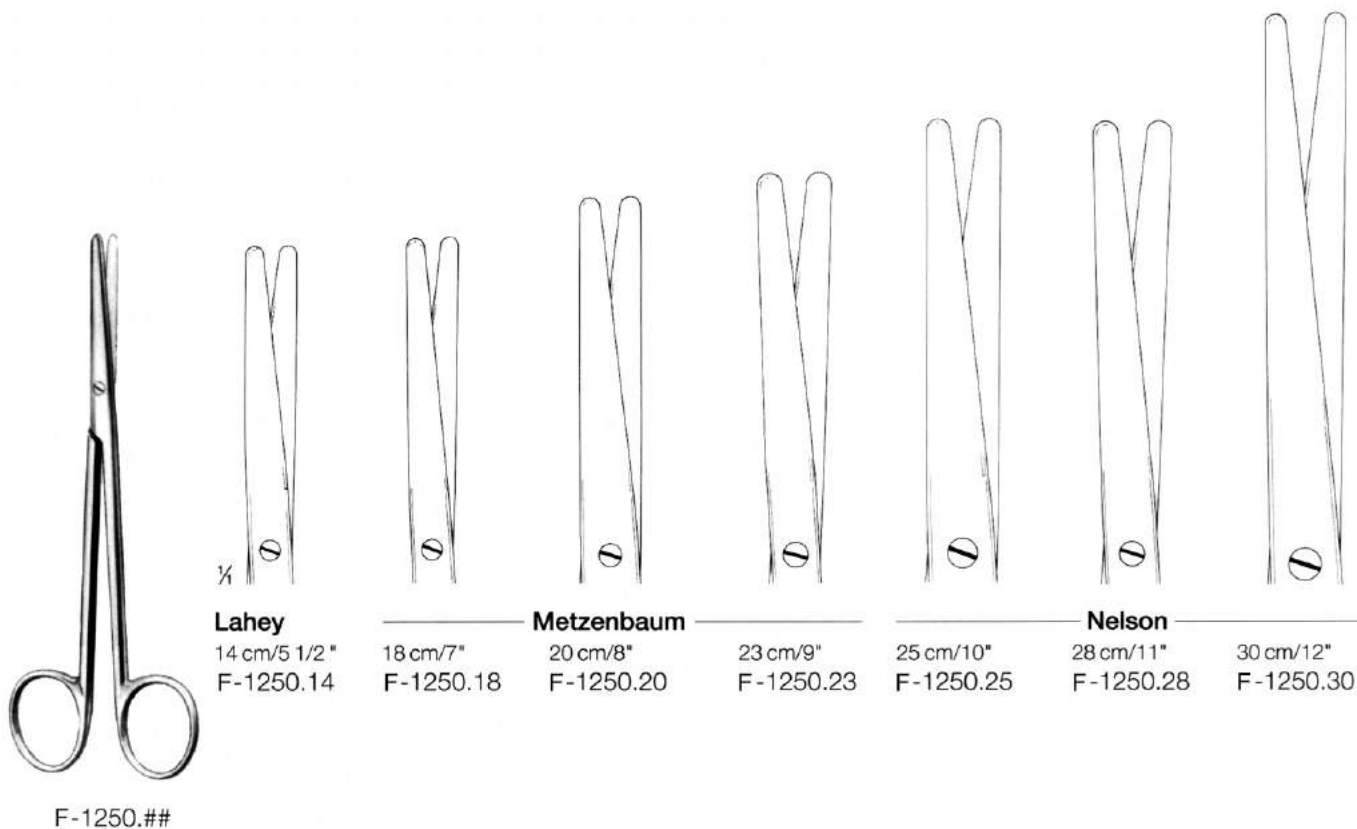
F-0320.15
 F-0320.17

cm	inch.
15	6
17	6 ¾

Mayo-Stille

F-0321.15
 F-0321.17







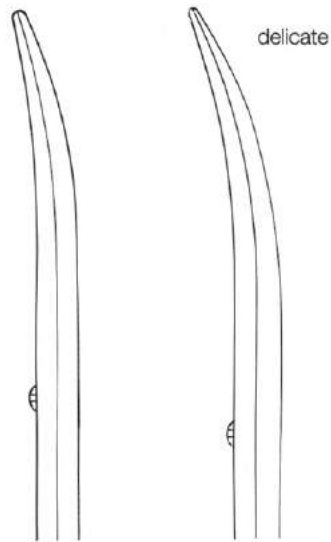
Mayo-Lexer

straight

curved

cm inch.

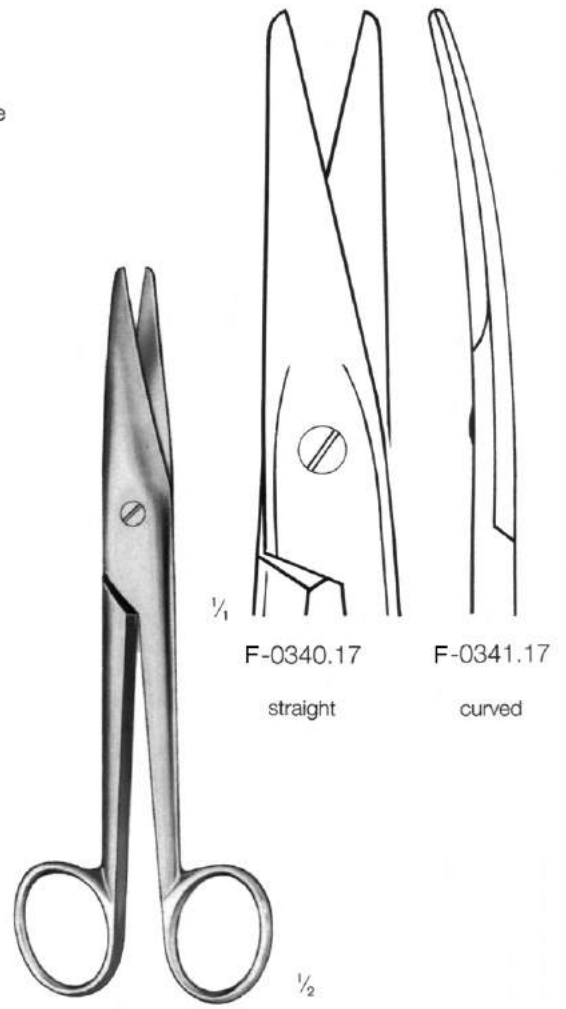
16	6 ¼	F-0330.16	F-0331.16
21	8 ¼	F-0330.21	F-0331.21



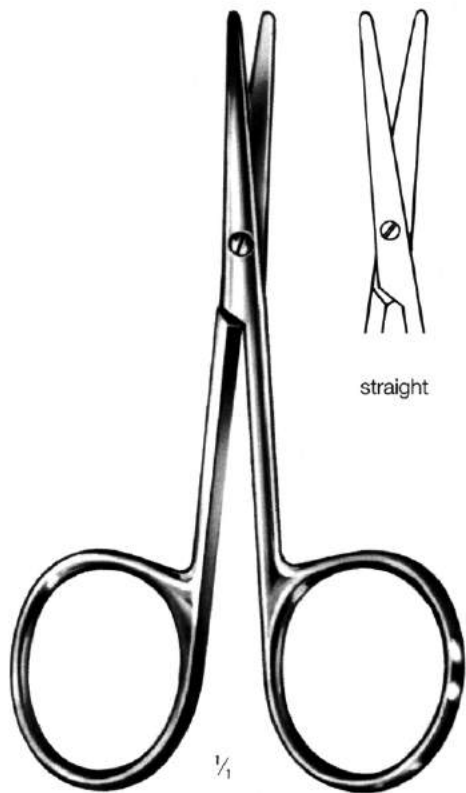
Lexer fino
16,5 cm/6 ½"

curved

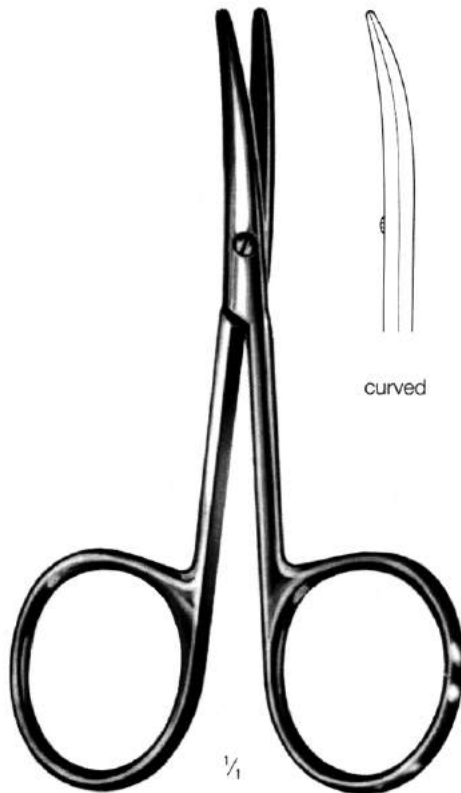
F-0333.16



Mayo-Noble
17 cm/6 ¾"



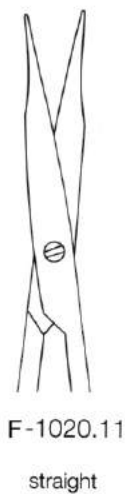
Lexer-Baby
 10,5 cm/4"
 F-1010.10



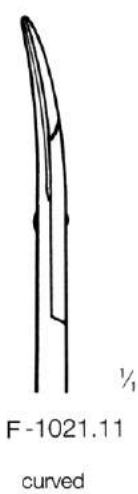
Lexer-Baby
 10,5 cm/4"
 F-1011.10



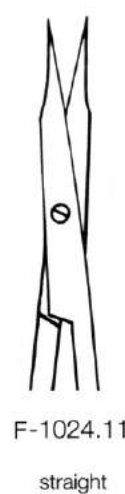
Stevens
 11,5 cm/4 1/2"



F-1020.11



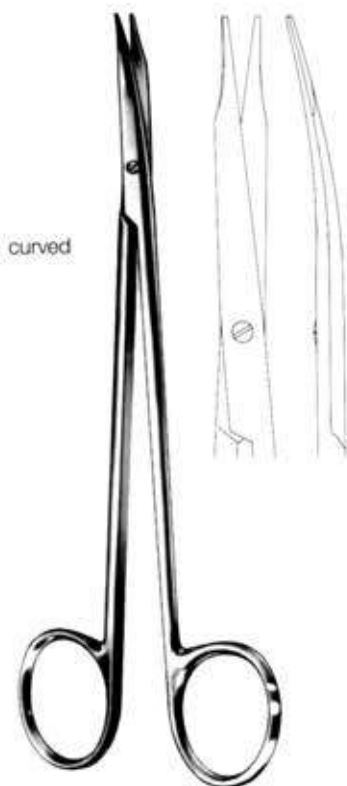
F-1021.11



F-1024.11



F-1025.11



Reynolds

cm	inch.	
13,5	5 1/4	F-1041.13
15,0	6	F-1041.15
18,0	7	F-1041.18
20,0	8	F-1041.20
23,0	9	F-1041.23



Jamison

15,5 cm/6*
 F-1045.15

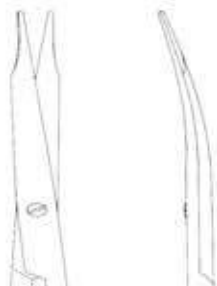


15 cm/6*
 F-1049.15

Super Cut



Reynolds

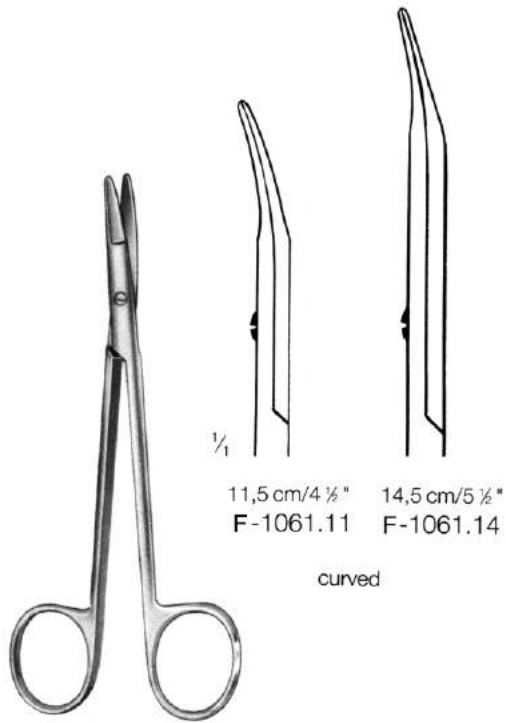


Straight

Curved

15 cm / 6 " F-3200-15 F-3201-15

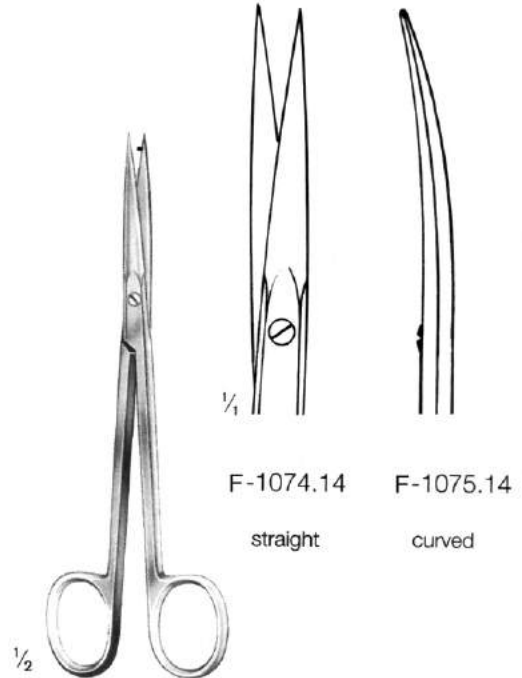
18 cm / 7 " F-3200-18 F-3201-18



11,5 cm/4 1/2" F-1061.11
 14,5 cm/5 1/2" F-1061.14

curved

Kilner



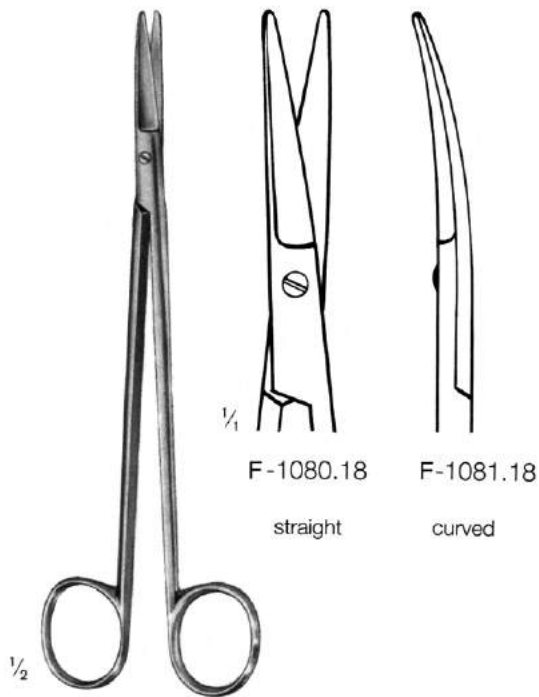
F-1074.14 F-1075.14

straight

curved

Brophy (Sullivan)

14,5 cm/5 1/2"



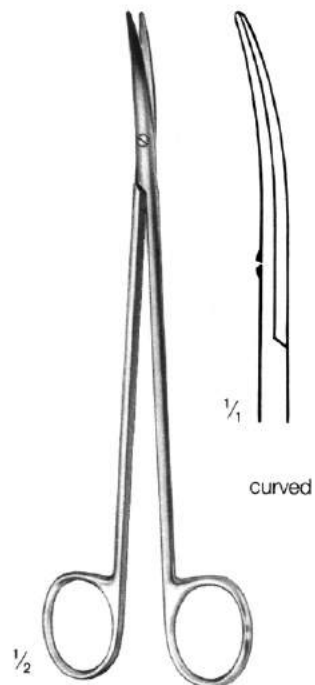
F-1080.18 F-1081.18

straight

curved

Tönnis (House)

18 cm/7"

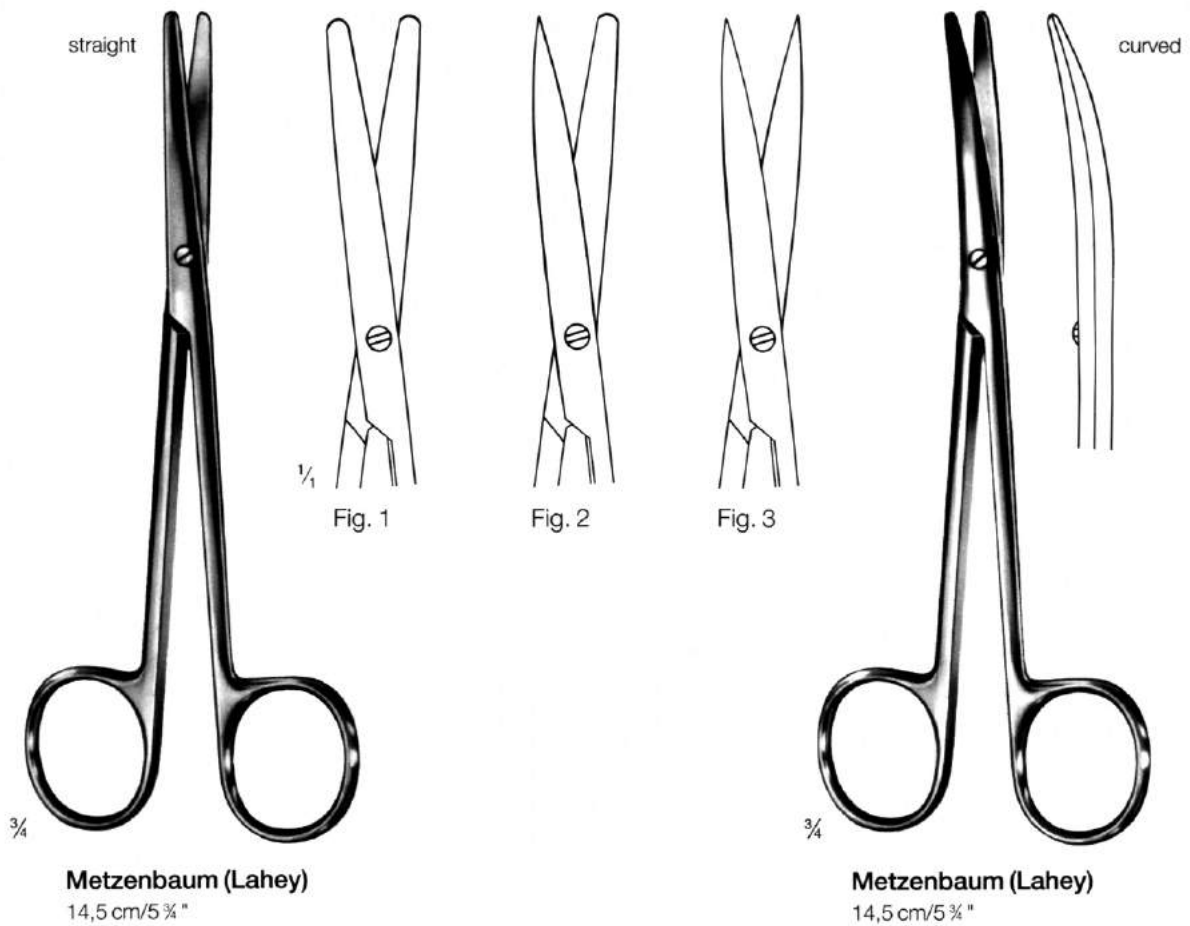


curved

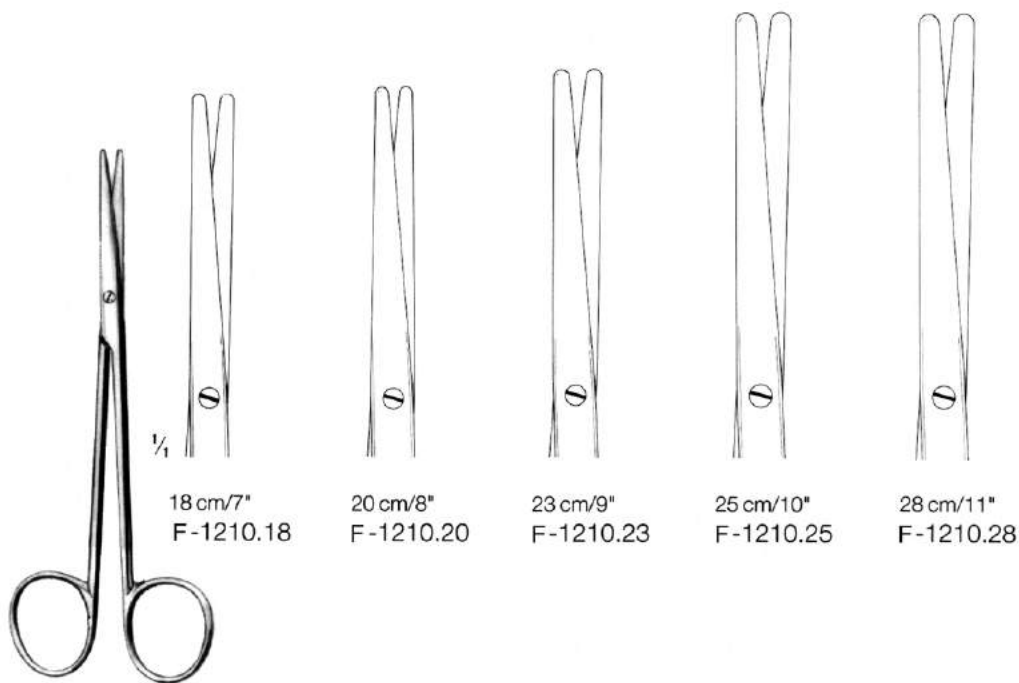
Tönnis-Adson

17,5 cm/7"

F-1085.18



F-1210.14	Fig. 1	F-1211.14
F-1220.14	Fig. 2	F-1221.14
F-1230.14	Fig. 3	F-1231.14



18 cm/7"
F-1210.18

20 cm/8"
F-1210.20

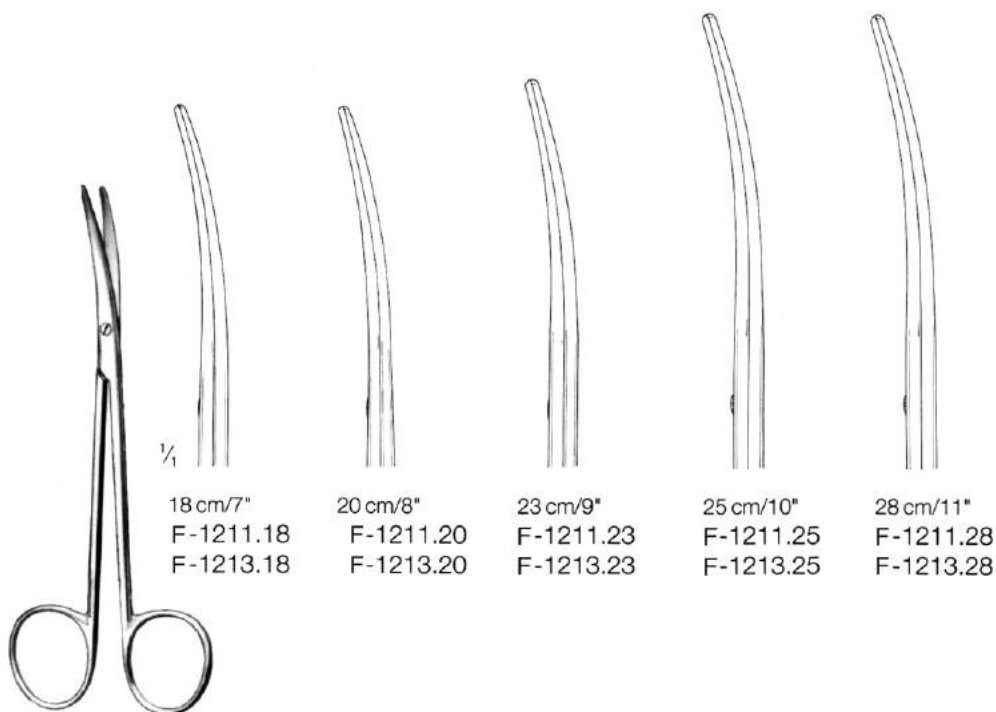
23 cm/9"
F-1210.23

25 cm/10"
F-1210.25

28 cm/11"
F-1210.28

S-curved

Metzenbaum-Fino
F-1210.##



18 cm/7"
F-1211.18
F-1213.18

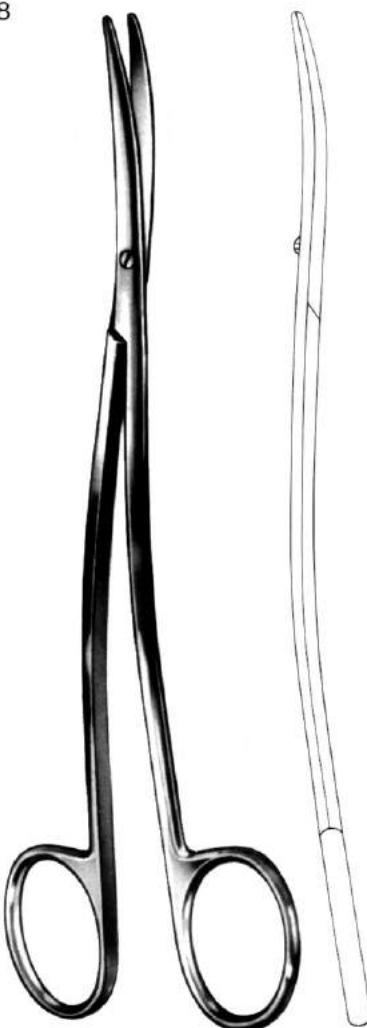
20 cm/8"
F-1211.20
F-1213.20

23 cm/9"
F-1211.23
F-1213.23

25 cm/10"
F-1211.25
F-1213.25

28 cm/11"
F-1211.28
F-1213.28

Metzenbaum-Fino
F-1211.##



Metzenbaum-Fino
F-1213.##



Metzenbaum-Fino
 F-1230.##



18 cm/7"
 F-1230.18



20 cm/8"
 F-1230.20



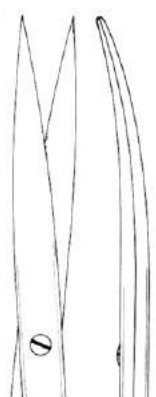
23 cm/9"
 F-1230.23



Metzenbaum-Fino
 F-1231.##



18 cm/7"
 F-1231.18



20 cm/8"
 F-1231.20



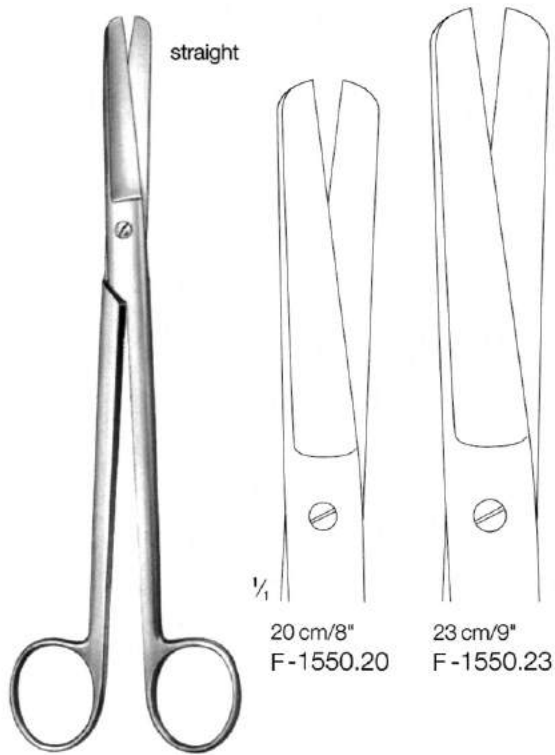
23 cm/9"
 F-1231.23



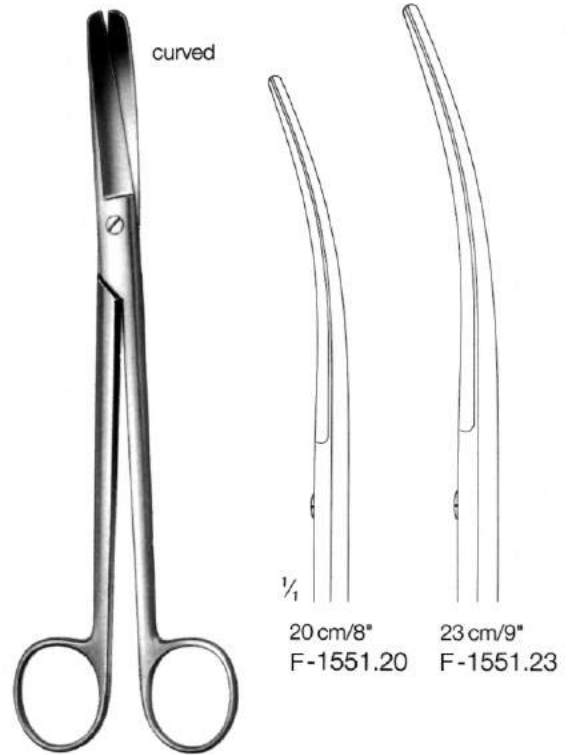
Finochietto
27 cm/10 3/4"
F-4021.27

Crafoord
30 cm/11 3/4"
F-4033.30

Willauer		
cm	inch.	
25	10	F-4045.25
28	11	F-4045.28

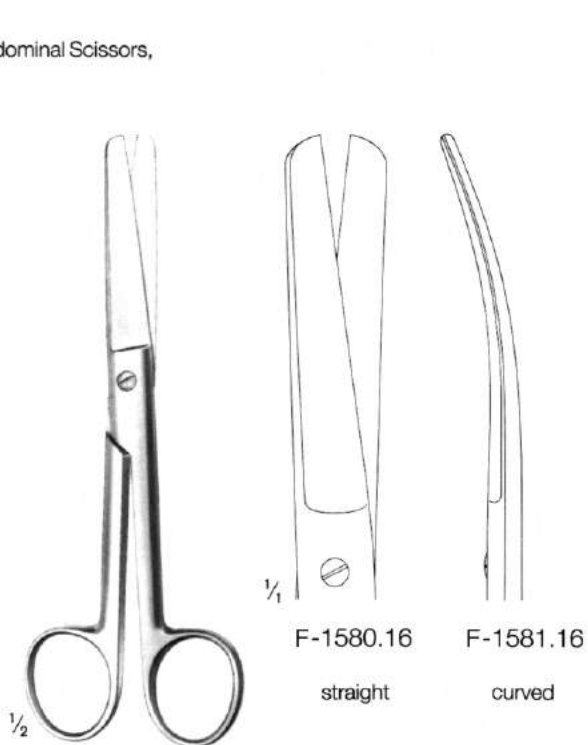


Sims
 F-1550.##

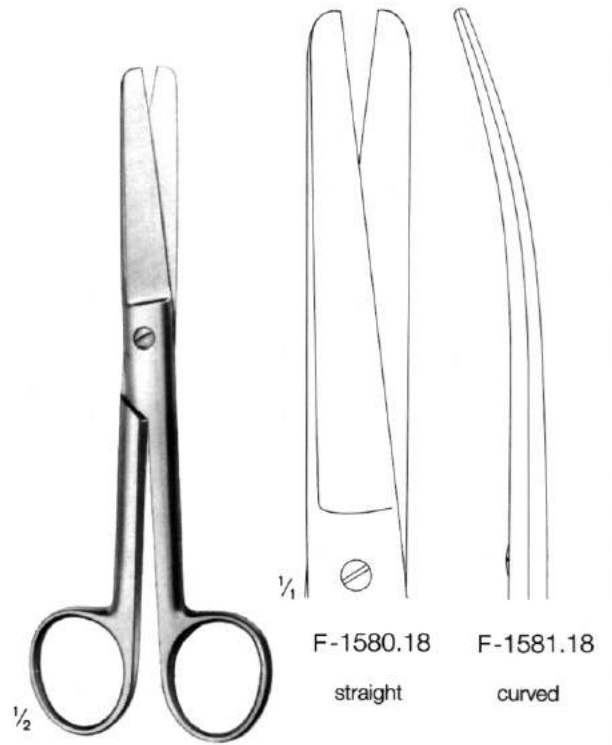


Sims
 F-1551.##

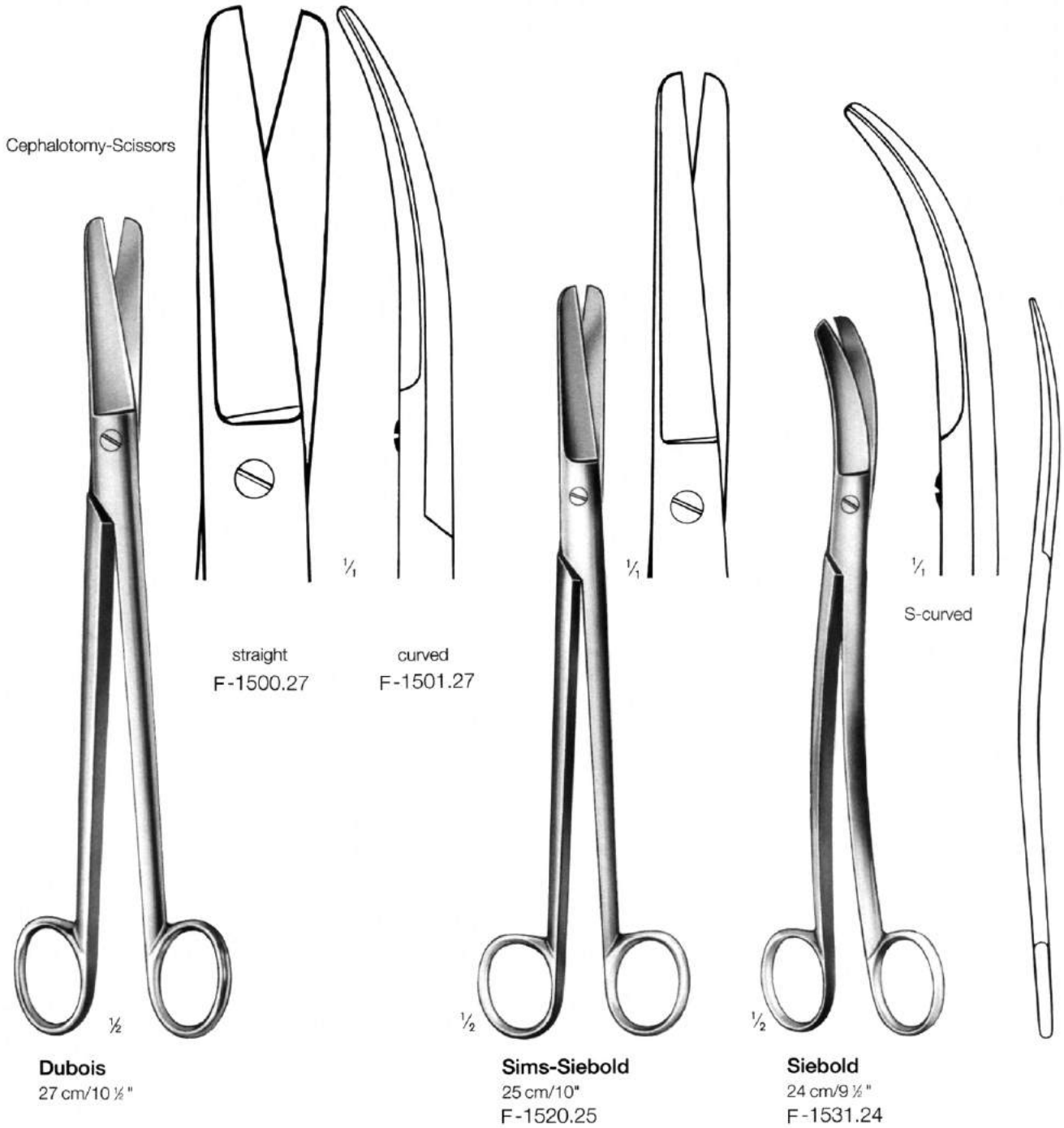
Abdominal Scissors,



Doyen
 16 cm/6 1/4"



Doyen
 18 cm/7"

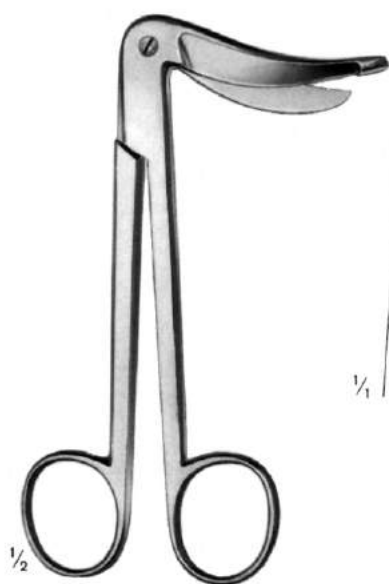
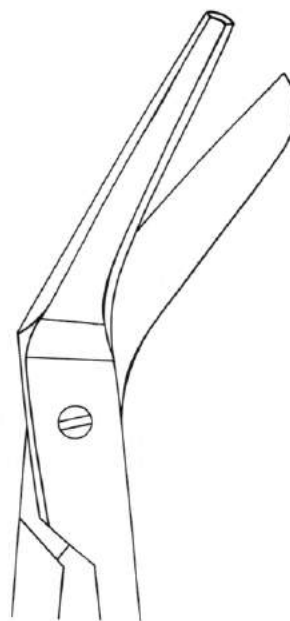




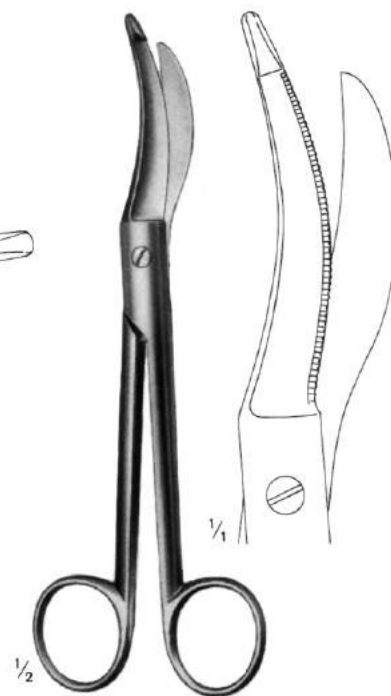
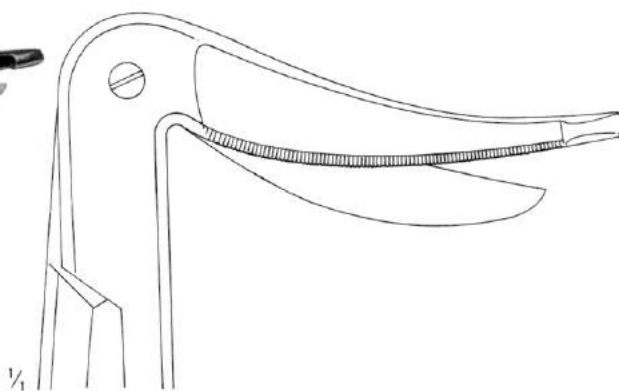
Braun-Stadler
 14 cm/5 1/2"
 F-1605.14



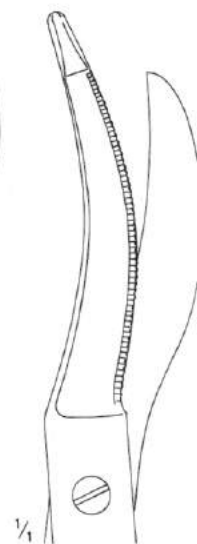
Braun-Stadler
 22 cm/8 3/4"
 F-1605.22

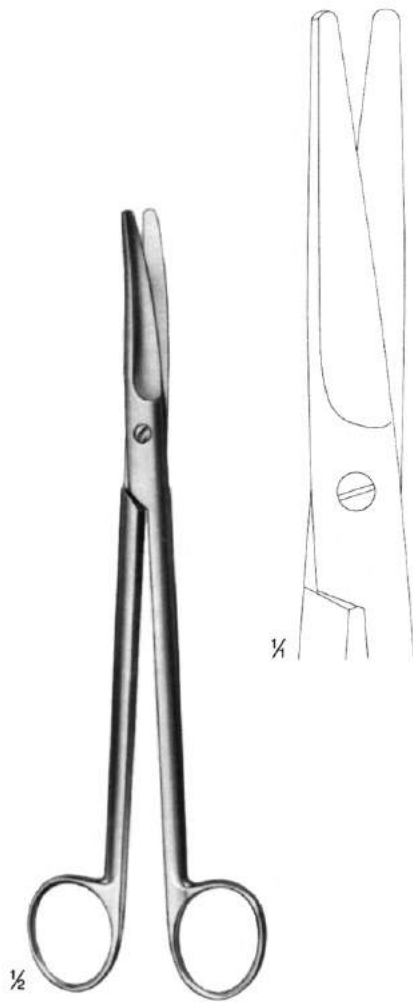


Marbach
 15,5 cm/6"
 F-1613.15

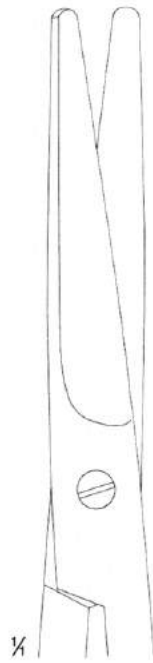


Waldmann
 18 cm/7"
 F-1617.18





Parametrium

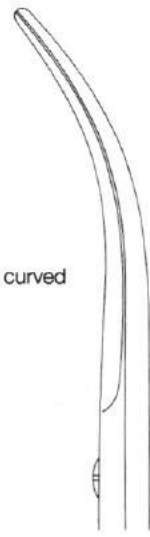


light curved



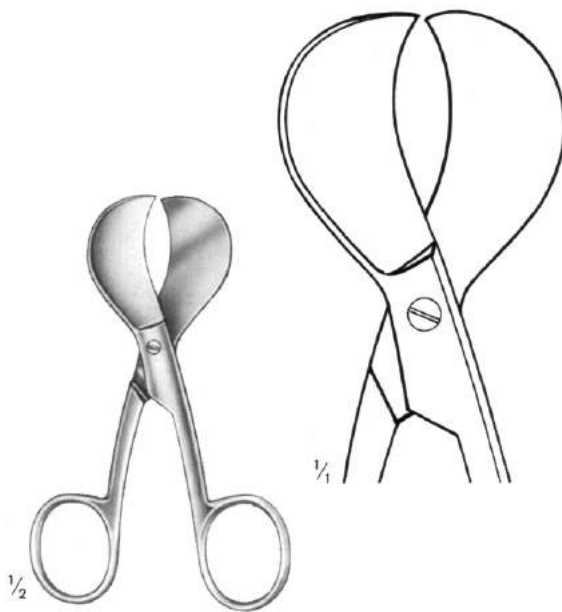
23 cm/9"
F-1625.23

strong curved

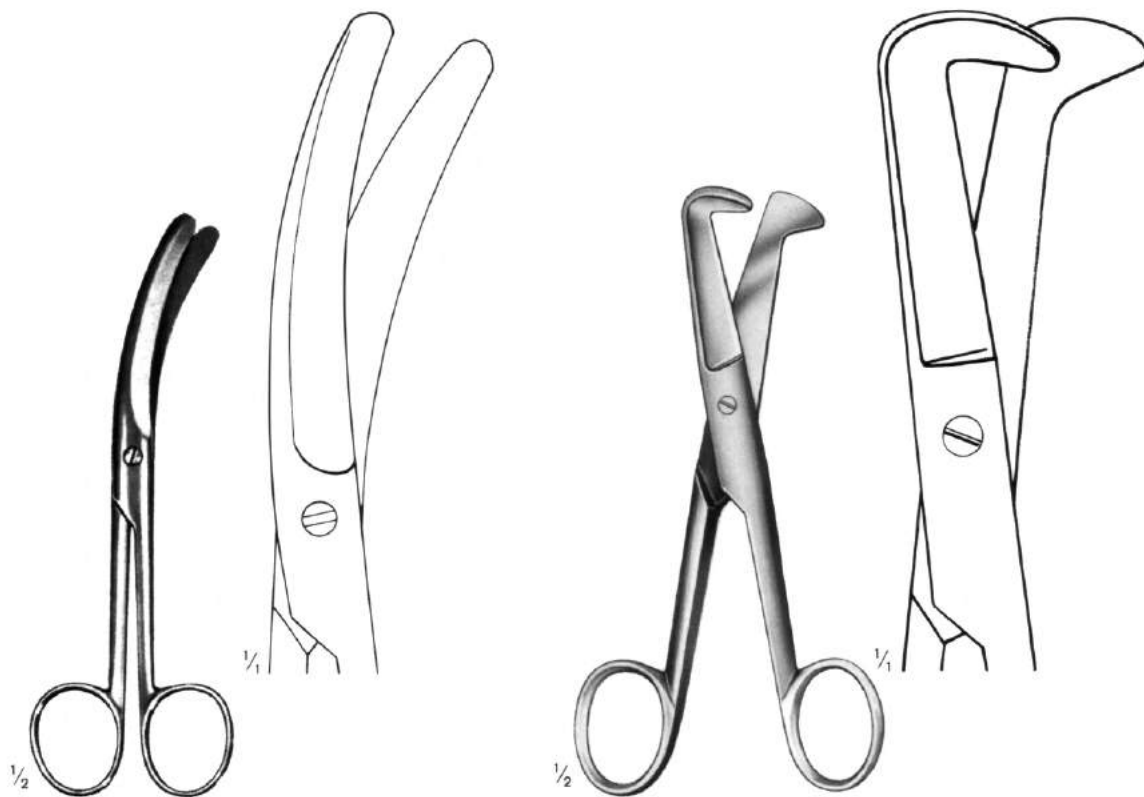


22 cm/8 1/2"
F-1625.22

Umbilical Cord Scissors

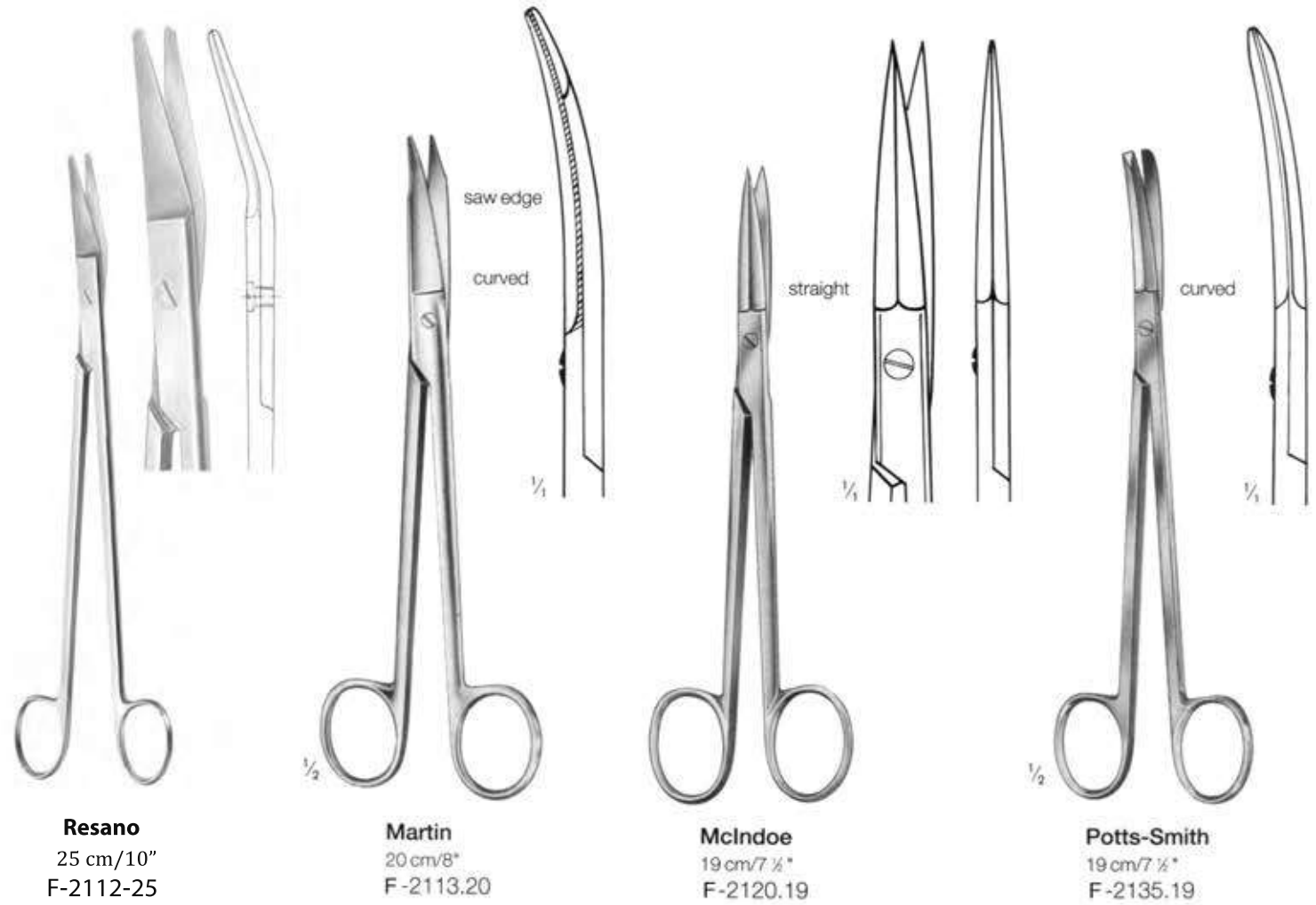


Mod. USA
 10,5 cm/4"
 F-1636.10



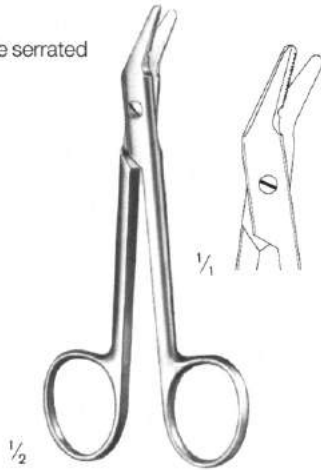
Busch
 16 cm/6 1/4"
 F-1641.16

Schumacher
 16 cm/6 1/4"
 F-1645.16



Wire Cutting scissors
Ciseaux pour couper les fils d'acier
Cizallas para cortar alambre

1 Blade serrated



Universal
 12 cm/4 3/4"
 F-5101.12

saw edge



Harvey
 12,5 cm/5"
 F-5106.12

1 Blade serrated

straight



Schuknecht
 10 cm/4"
 F-5110.10

1 Blade serrated

straight

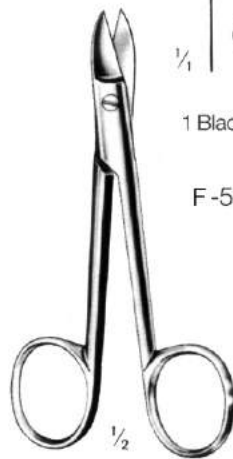


Smith
 17 cm/6 3/4"
 F-5116.17



1 Blade serrated

F-5130.12



Beebee
 12 cm/4 3/4"
 F-5120.12

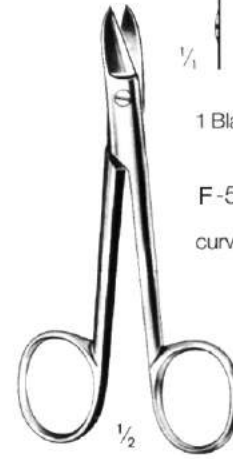
smooth

pointed



1 Blade serrated

F-5131.12



Beebee
 12 cm/4 3/4"
 F-5121.12

smooth



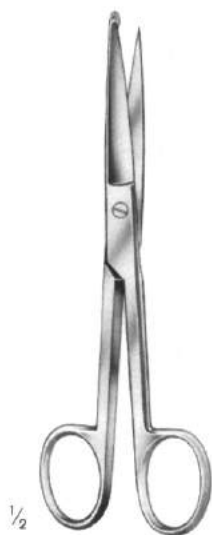
14,5 cm/5 $\frac{3}{4}$ "
F-5314.



17 cm/6 $\frac{3}{4}$ "
F-5317.



Universal
19 cm/7 $\frac{1}{2}$ "
F-5319.



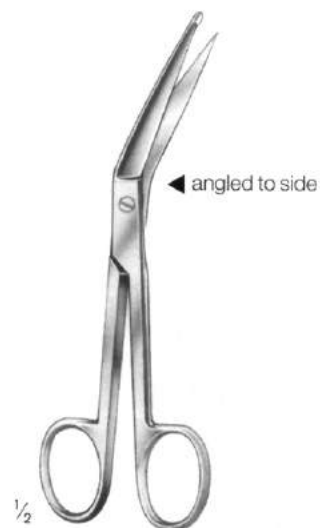
1/2

Knowles
 14,5 cm/5 1/2"
 F-5330.14



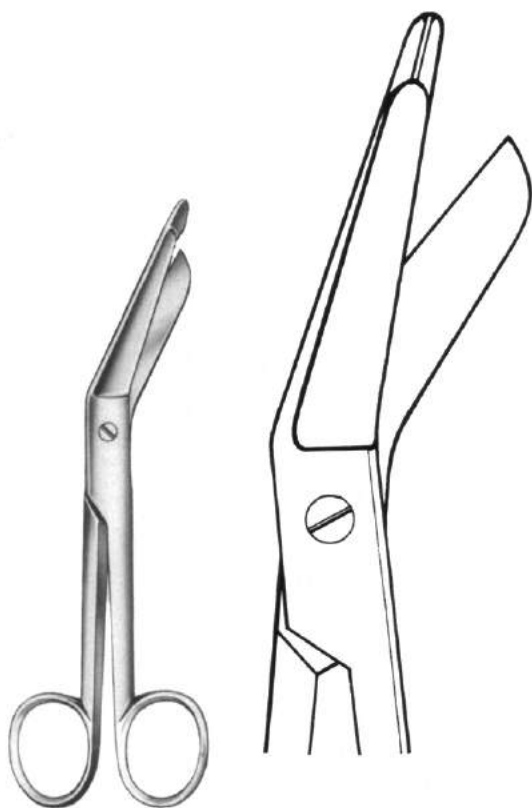
1/2

Knowles (Hi-Level)
 14 cm/5 1/2"
 F-5331.14



1/2

Knowles (Bantam)
 14 cm/5 1/2"
 F-5333.14



Lister

cm	inch.	
9	3 1/2	F-5353.09
11	4 1/2	F-5353.11
14	5 1/2	F-5353.14
18	7	F-5353.18
20	8	F-5353.20



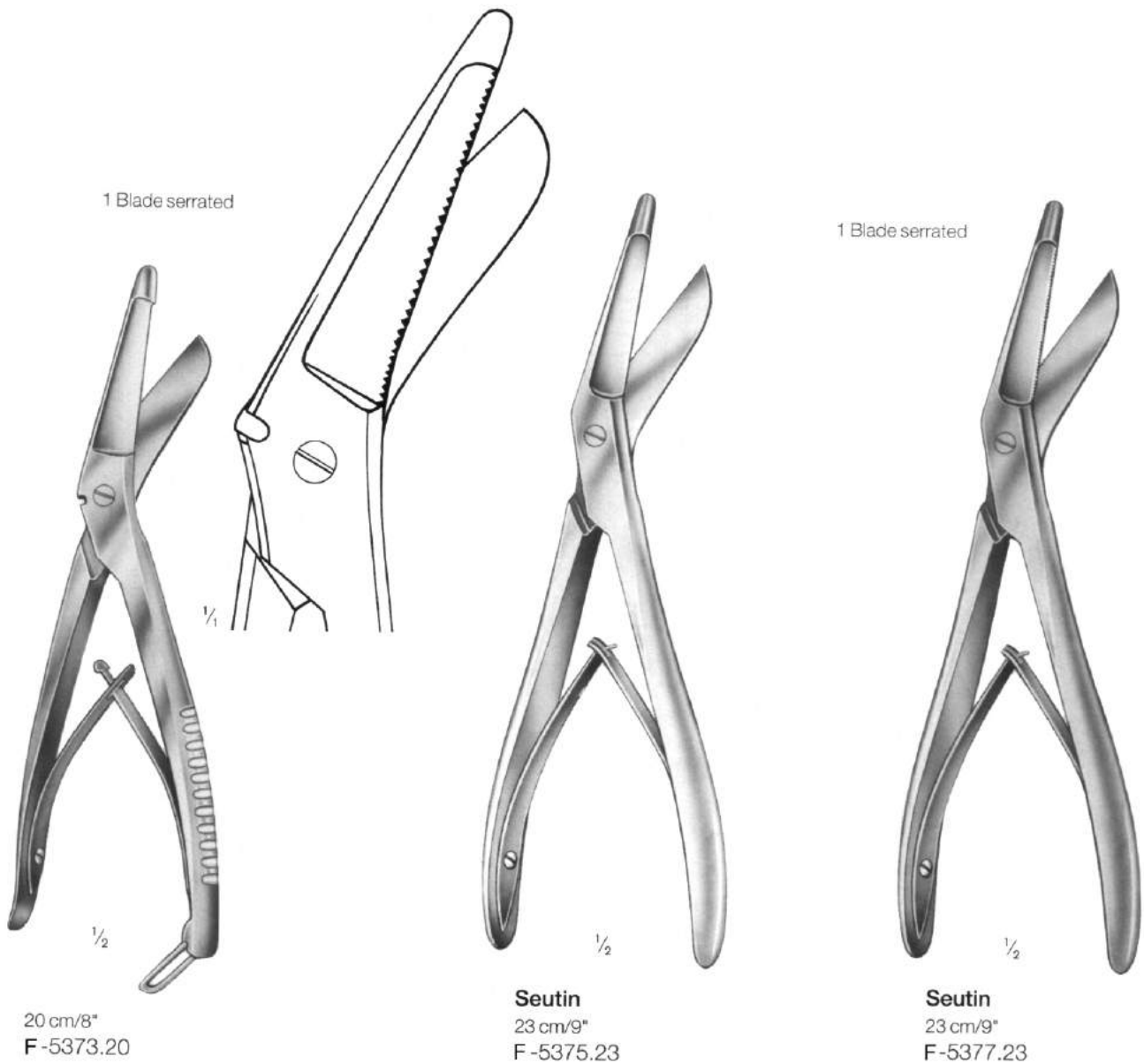
Esmarch

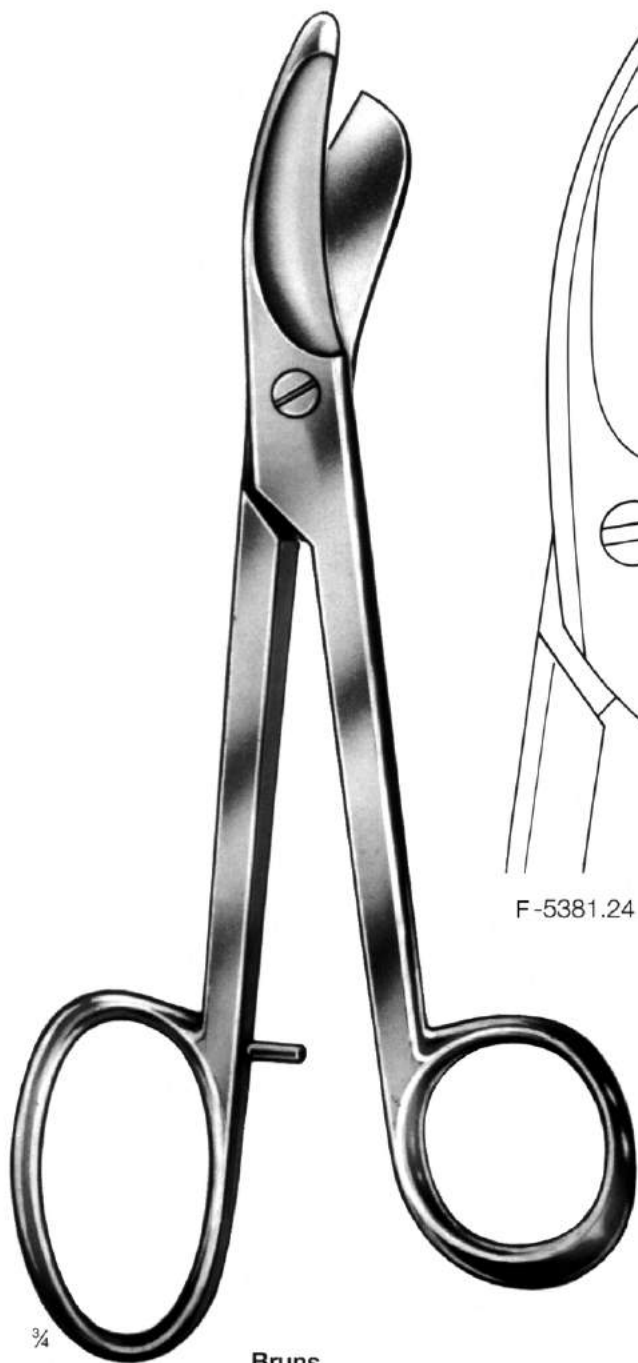
cm	inch.	
20	8	F-5365.20
22	8 3/4	F-5365.22



Bergmann

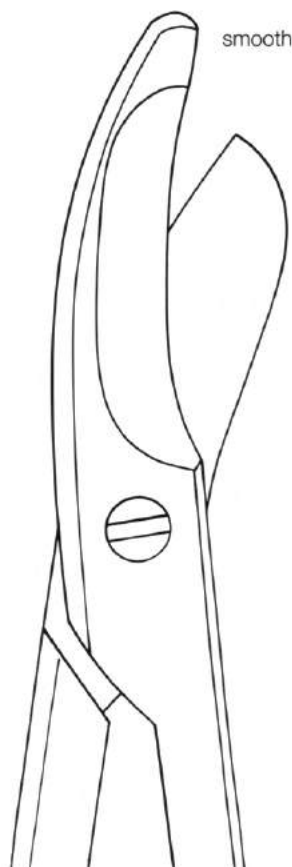
23 cm/9"
 F-5369.23





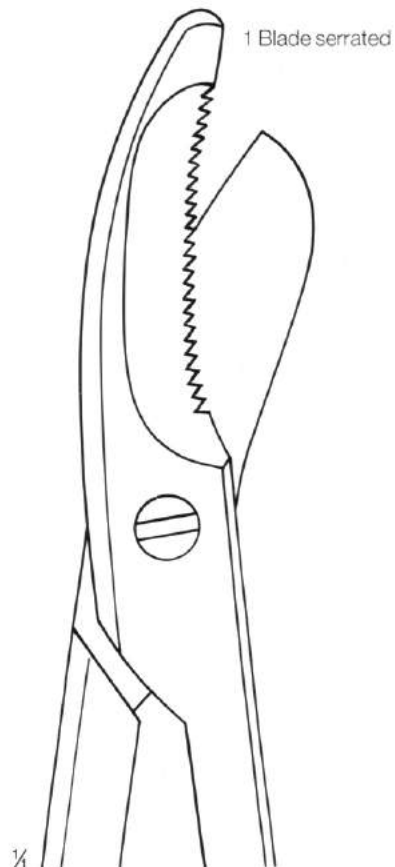
¾

Bruns
24 cm/9 ½"



smooth

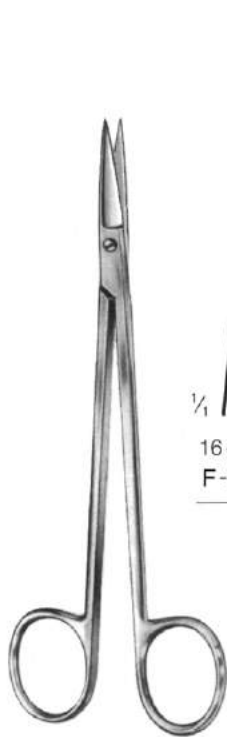
F-5381.24



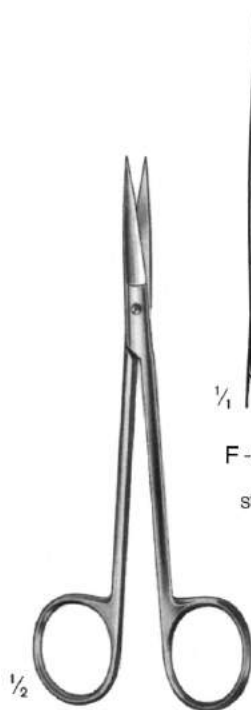
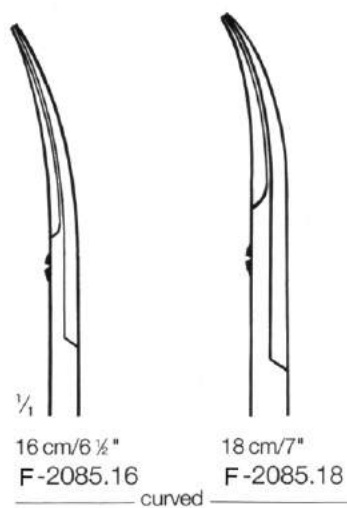
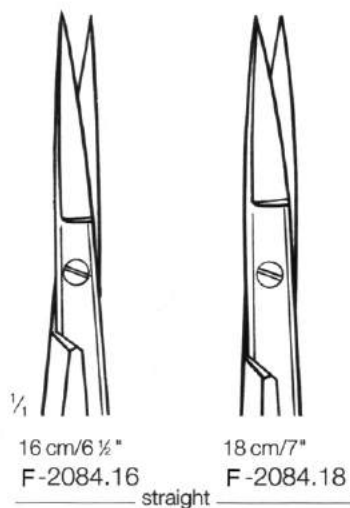
1 Blade serrated

¼

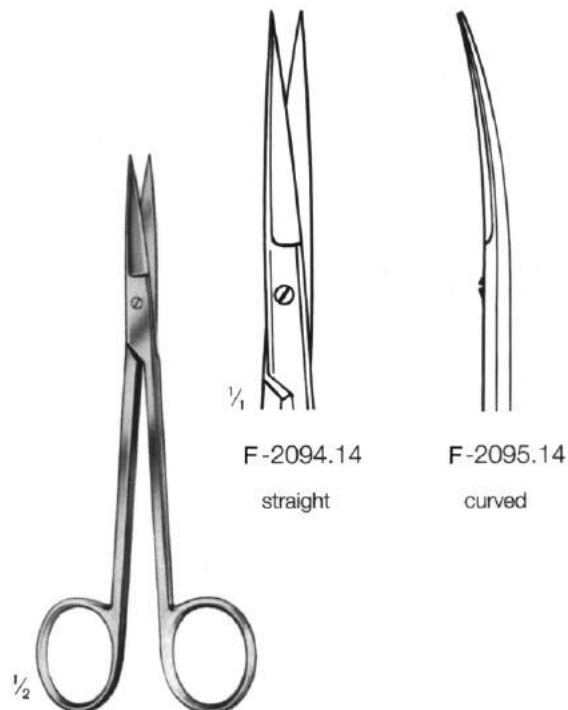
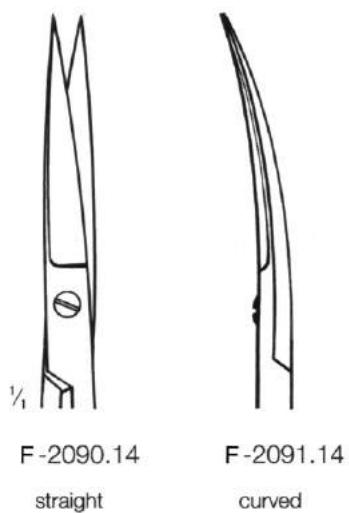
F-5383.24



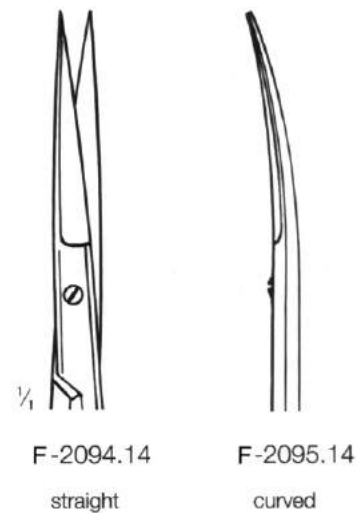
Kelly



Joseph
 14 cm/5 1/2"



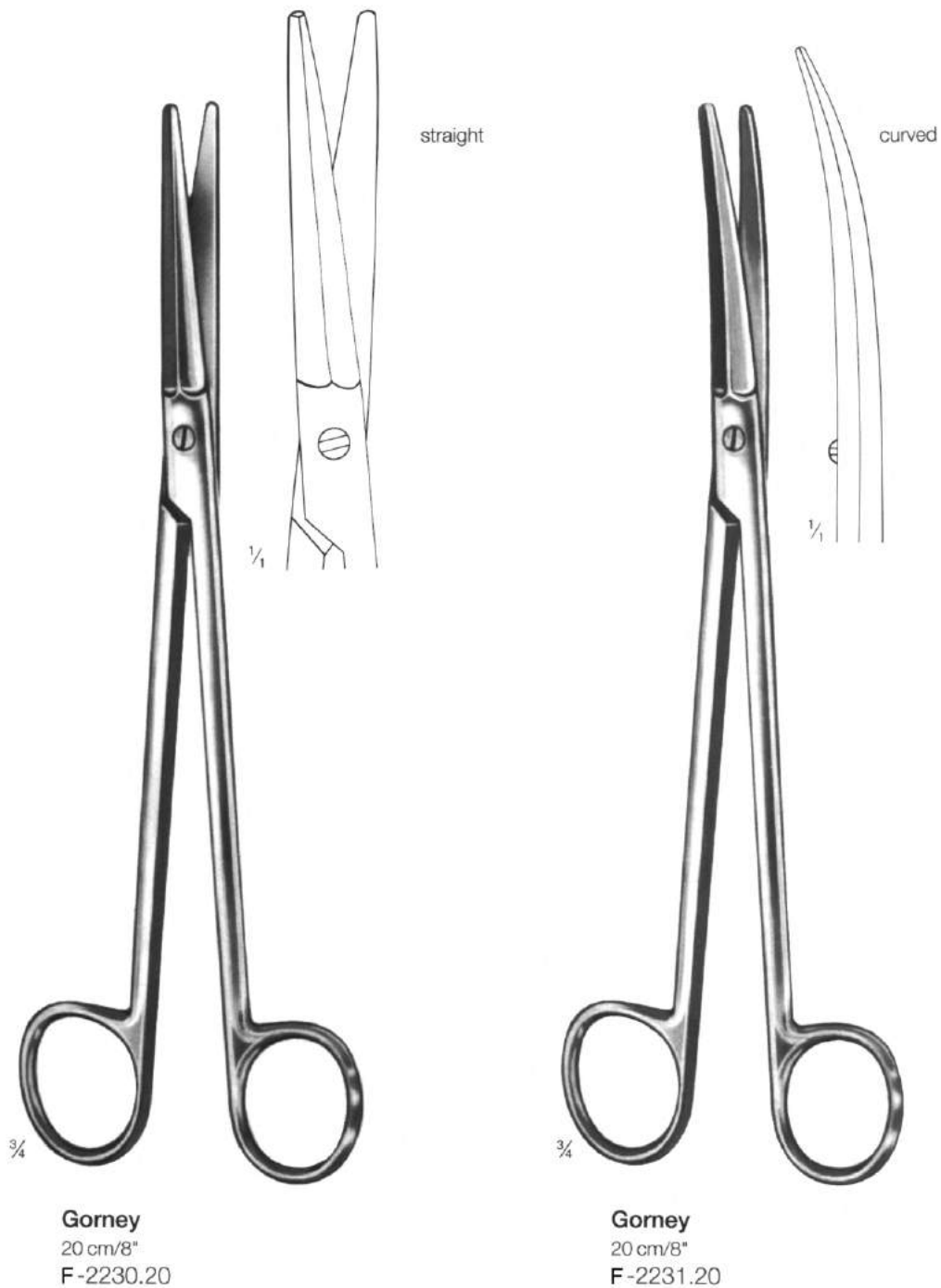
Sanvenero
 14 cm/5 1/2"





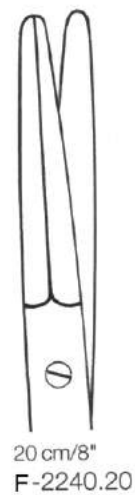
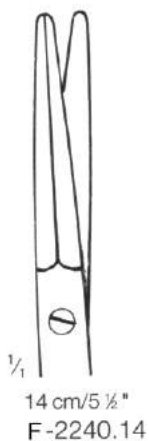
Rees (Face Lifting)
17 cm/6 3/4"
F-2220.17

Rees (Face Lifting)
17 cm/6 3/4"
F-2221.17

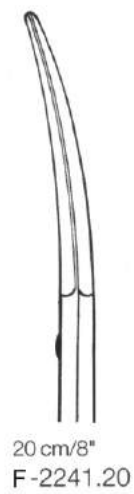
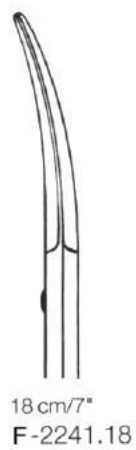
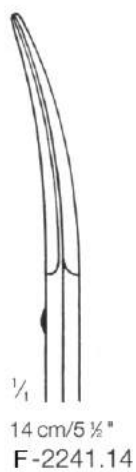


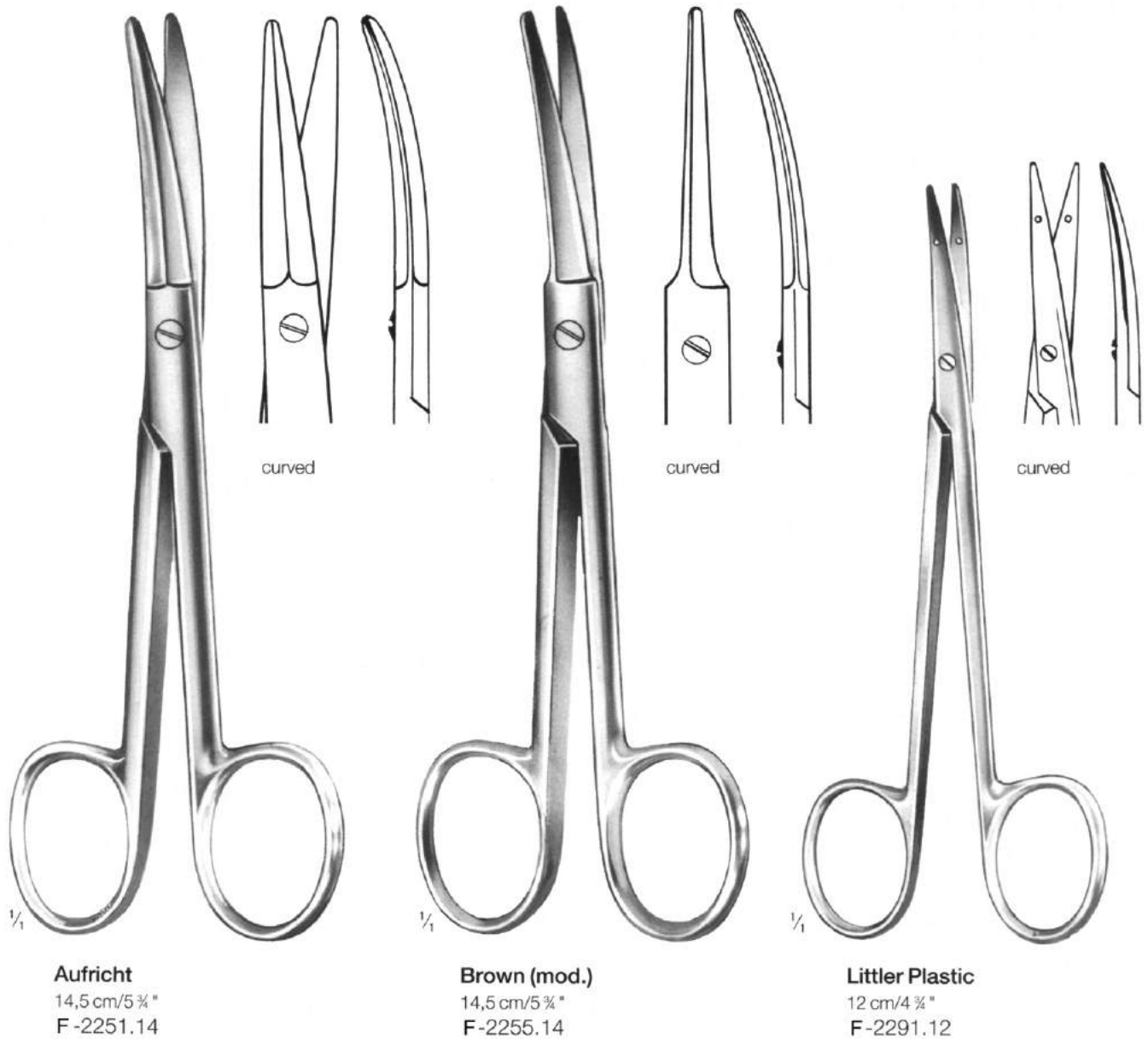


Kahn



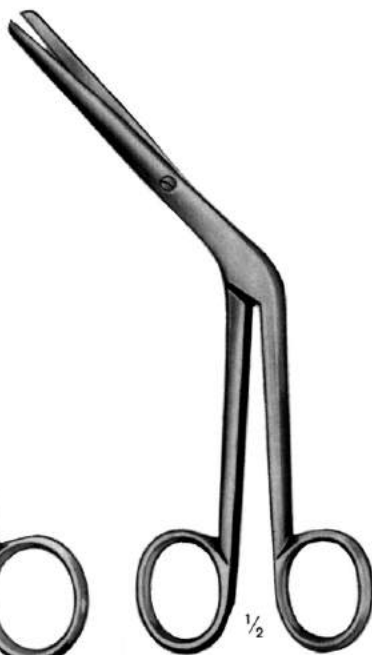
Kahn



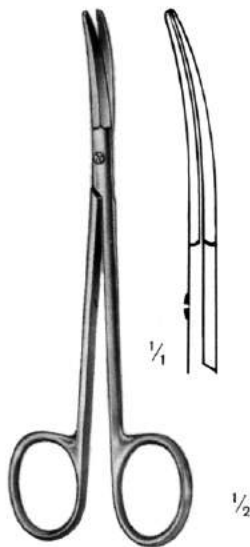




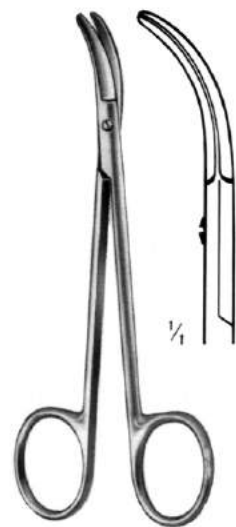
Heymann
 18 cm/7"
 F-2015.18



Knight
 18 cm/7"
 F-2019.18



Fomon "Saber Back"
 13,5 cm/5 1/4"
 F-2031.13

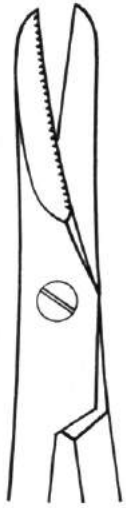


Fomon "Upper Lateral"
 13,5 cm/5 1/4"
 F-2035.13



Fomon
14,5 cm/5 $\frac{5}{8}$ "
F-2051.14

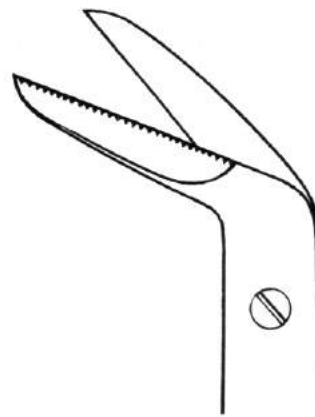
Cottle
17 cm/6 $\frac{6}{8}$ "
F-2055.17



1 Blade serrated



Caplan
 20 cm/8"
 F-2063.20



1 Blade serrated



saw edge

13 cm/5"



curved to the right
 F-2069.02



curved to the left
 F-2069.03

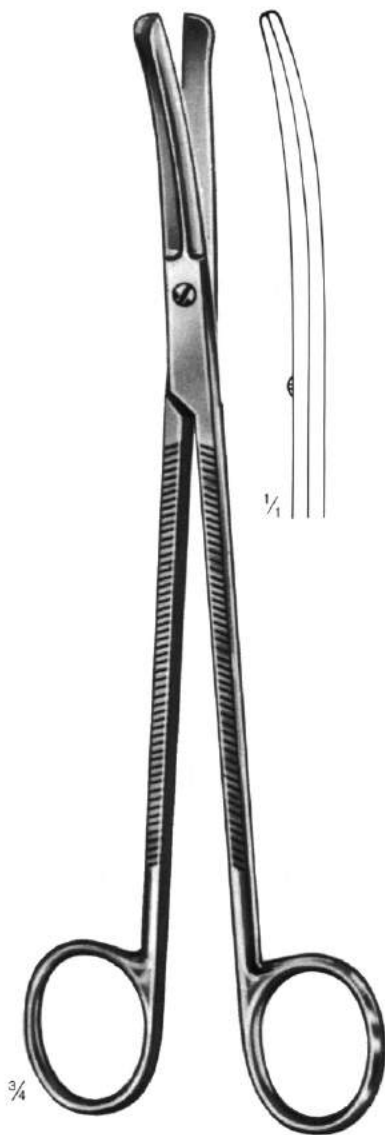
Tubular shaft

straight

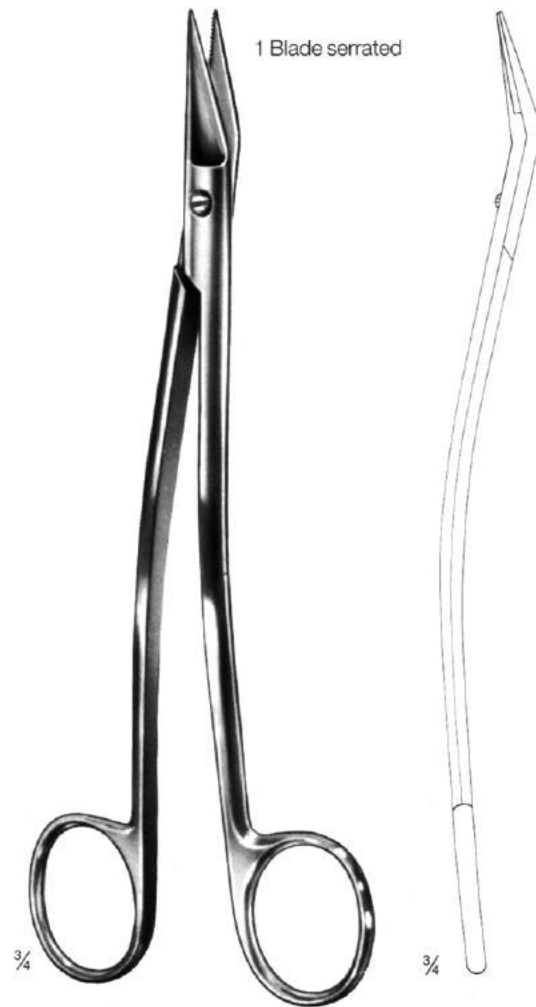
F-2069.01



Killian
 21 cm/8 1/2"
 F-2067.21



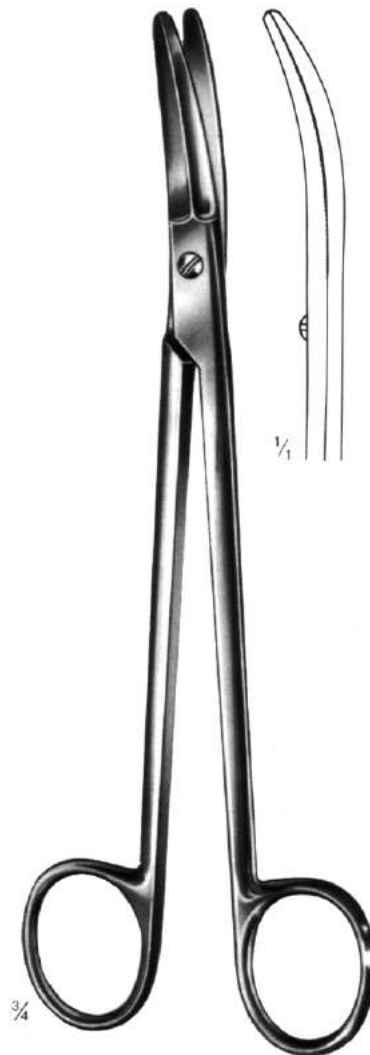
Good
19 cm/7 1/2"
F-3109.19



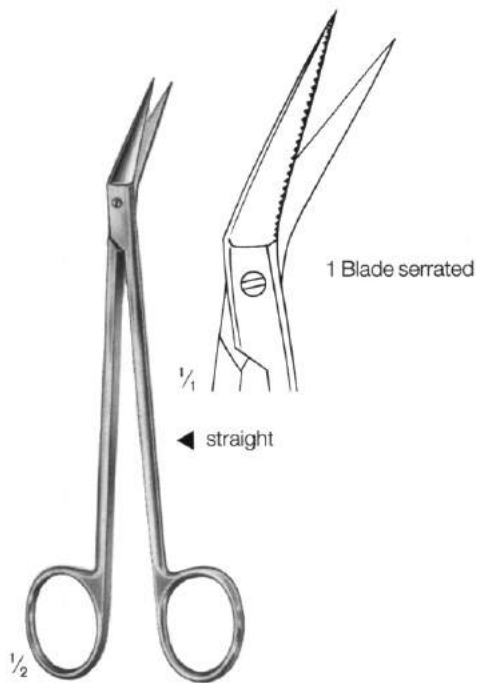
Dean
17 cm/6 3/4"
F-3113.17



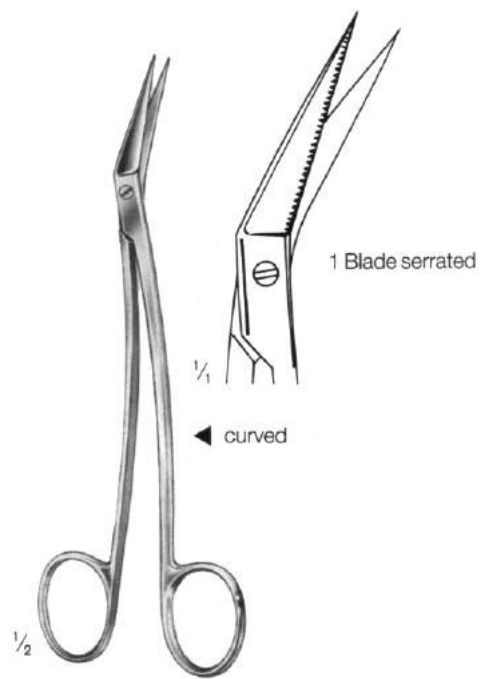
Böttcher
18 cm/7"
F-3125.18



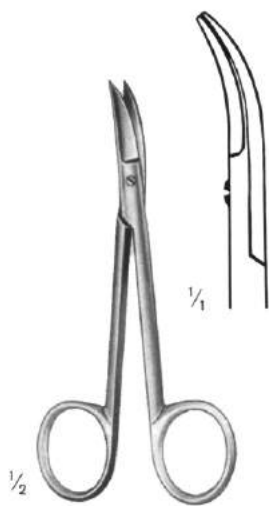
Prince
17,5 cm/6 $\frac{3}{4}$ "
F-3133.17



Locklin
16 cm/6 1/4"
F-3221.16



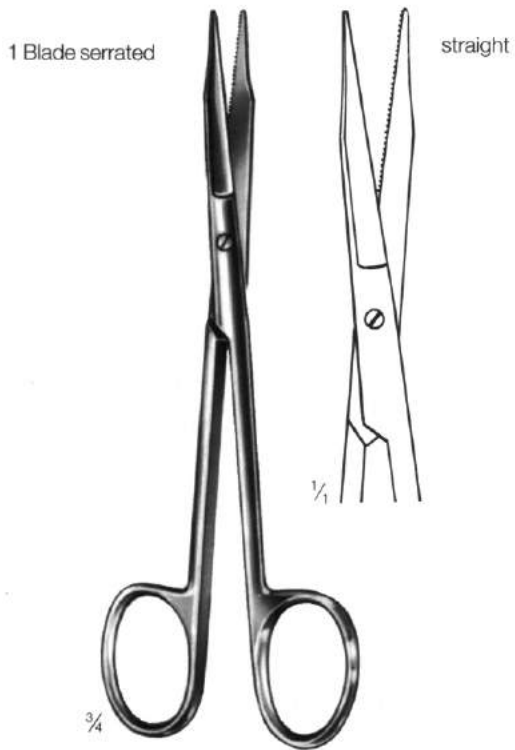
Locklin
16 cm/6 1/4"
F-3223.16



Quinby
12 cm/4 3/4"
F-3231.12



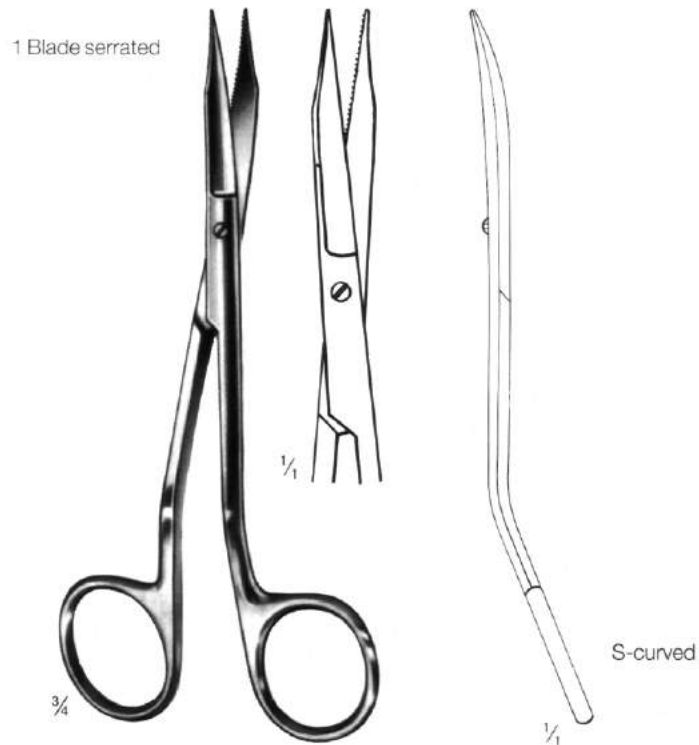
Chadwick
11 cm/4 1/4"
F-3239.11



Goldmann-Fox
13 cm/5"
F-3250.13



Goldmann-Fox
13 cm/5"
F-3251.13

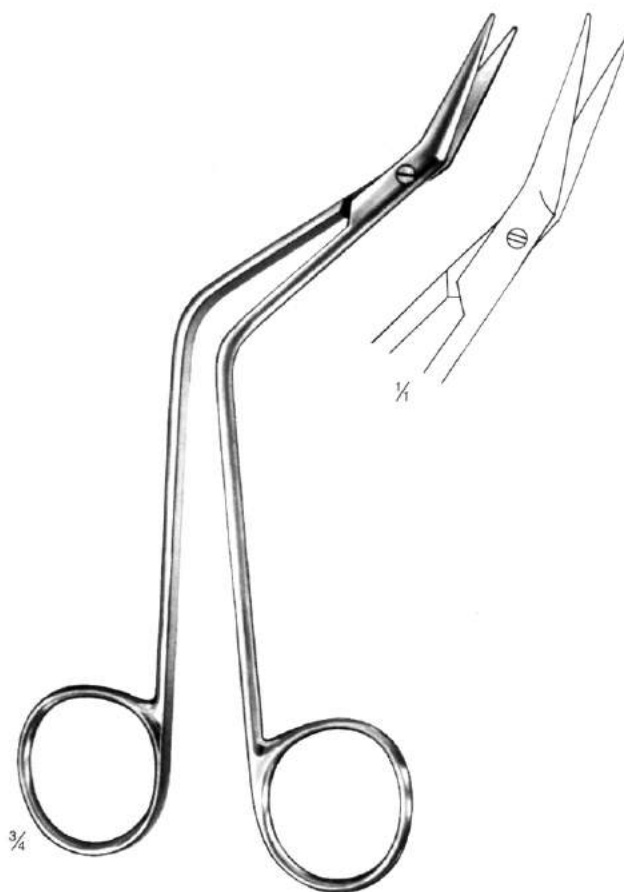


Goldmann-Fox
13 cm/5"
F-3253.13



Favoloro

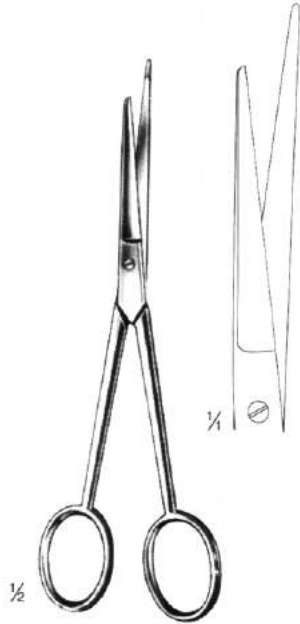
cm	inch.		
17	6 7/8	60°	F-4211.17
23	9	60°	F-4211.23



Coronary

17 cm/6 7/8"
 F-4223.17

1 blade with probe



14,5 cm/5 1/2"
 F-4250.14

Coronary Scissors

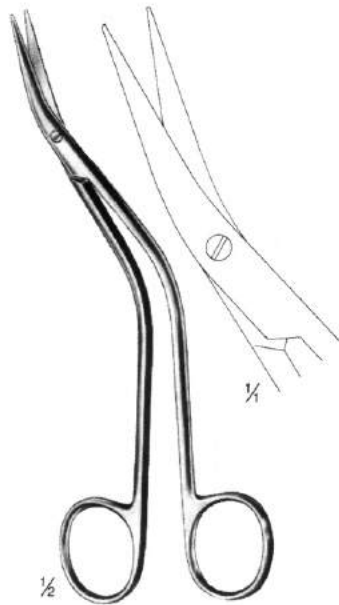


12 cm/4 3/4"
 F-4256.12

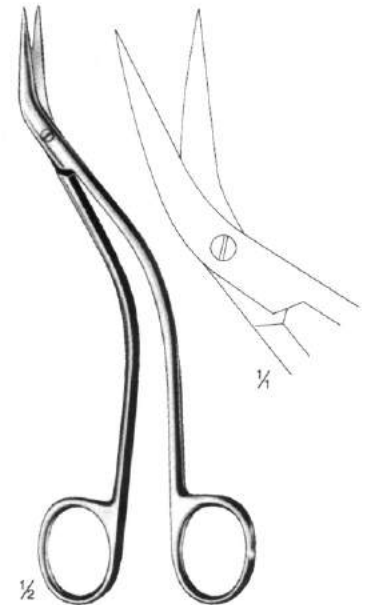
angled on flat



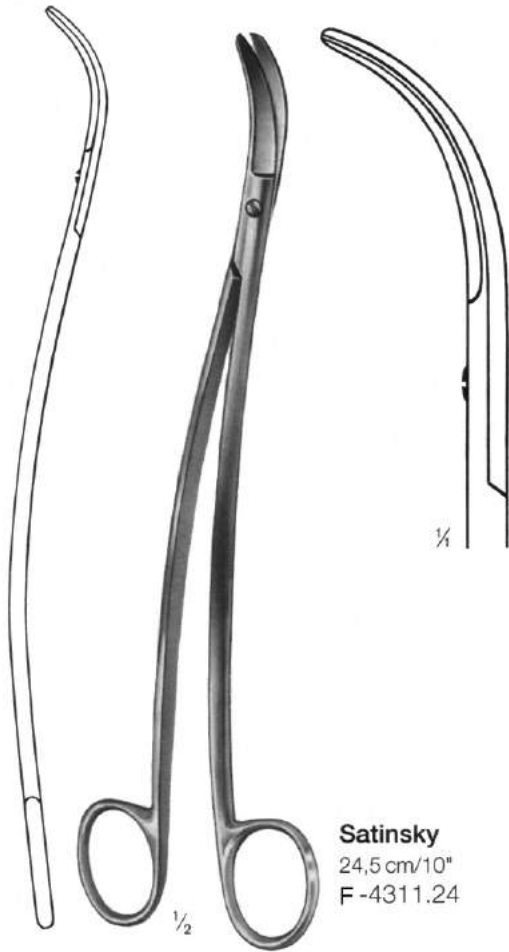
Potts-Smith (de Martel)
 19,5 cm/7 3/4"
 F-4265.19



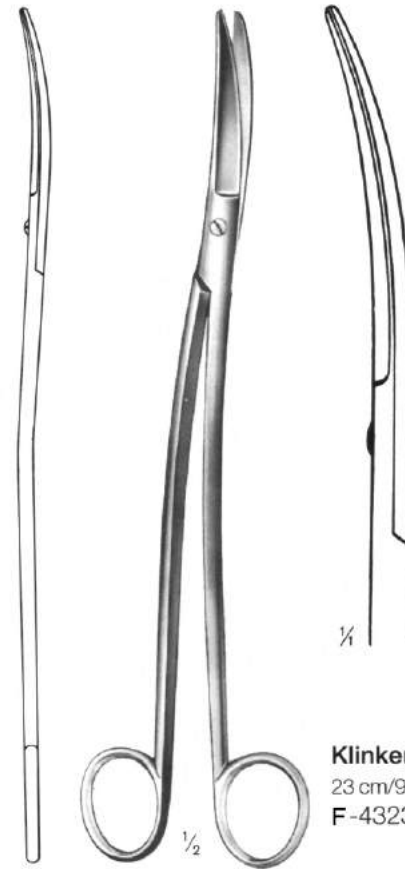
DeBakey
 15,5 cm/6"
 F-4273.15



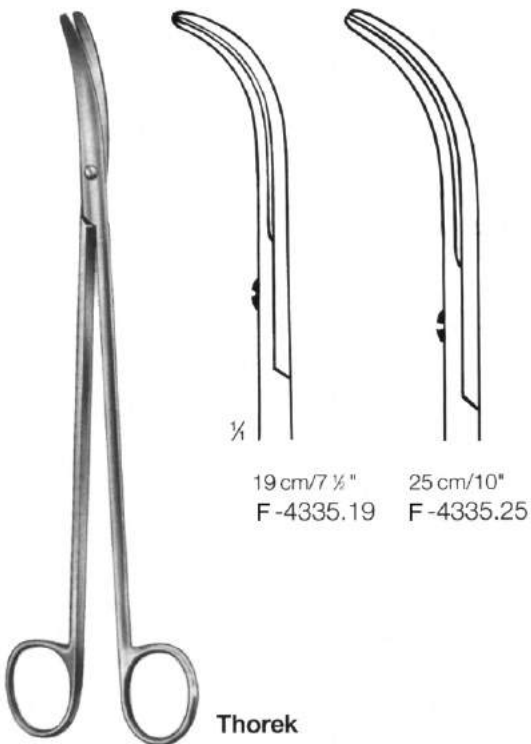
DeBakey
 15,5 cm/6"
 F-4277.15



Satinsky
 24,5 cm/10"
 F-4311.24

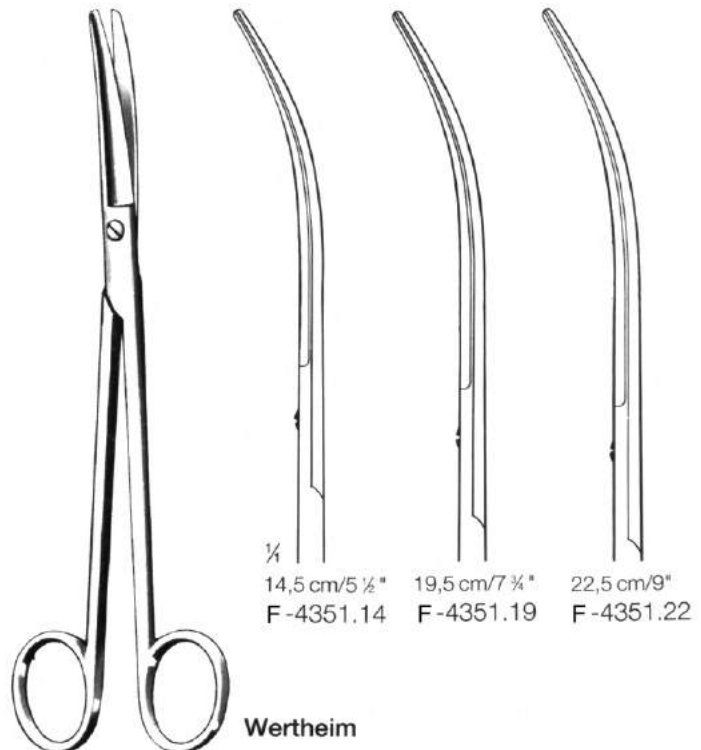


Klinkenbergh-Loth
 23 cm/9"
 F-4323.23



Thorek

19 cm/7 1/2" F-4335.19
 25 cm/10" F-4335.25

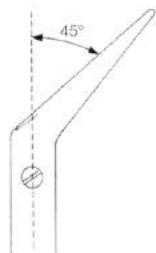


Wertheim

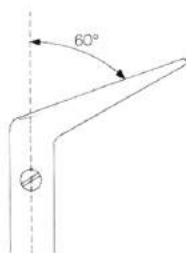
14,5 cm/5 1/2" F-4351.14
 19,5 cm/7 3/4" F-4351.19
 22,5 cm/9" F-4351.22



16 cm/6 1/4"
F-4416-25



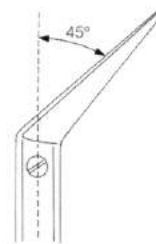
16 cm/6 1/4"
F-4416.45



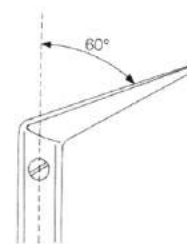
16 cm/6 1/4"
F-4416.60



19 cm/7 1/2"
F-4439.25



19 cm/7 1/2"
F-4439.45



19 cm/7 1/2"
F-4439.60

23 cm/9"
F-4423.25

23 cm/9"
F-4423.45

23 cm/9"
F-4423.60

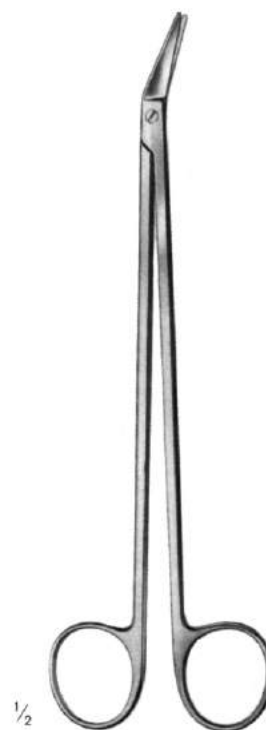
28 cm/11"
F-4428.25

28 cm/11"
F-4428.45

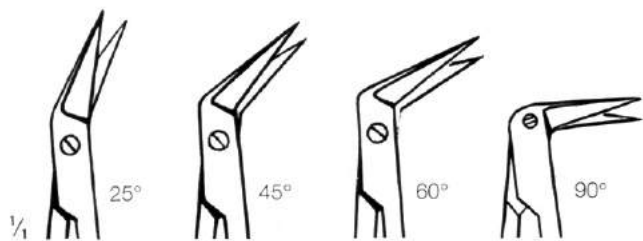
28 cm/11"
F-4428.60



DeBakey

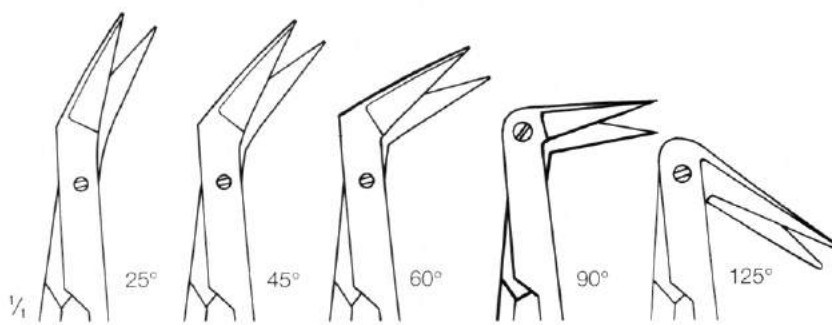


Potts-Smith



13 cm/5"

F-4453.25 F-4453.45 F-4453.60 F-4453.90

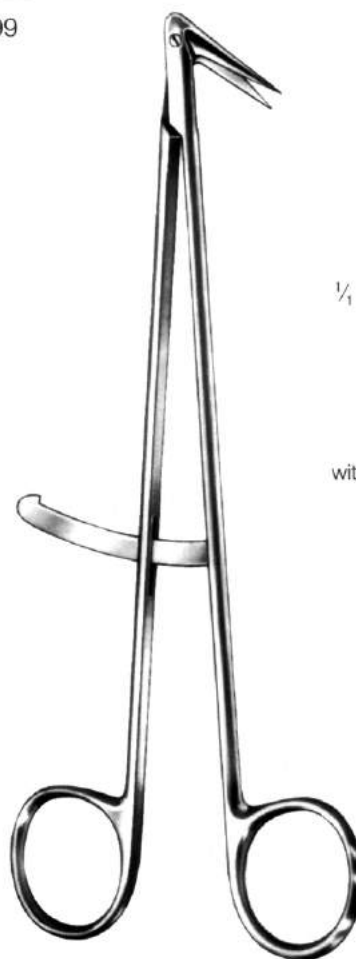


18 cm/7"

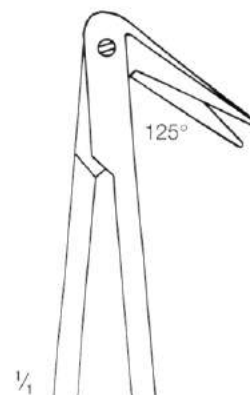
F-4468.25 F-4468.45 F-4468.60 F-4468.90 F-4468.99



Diethrich
 F-4453.##
 F-4468.##

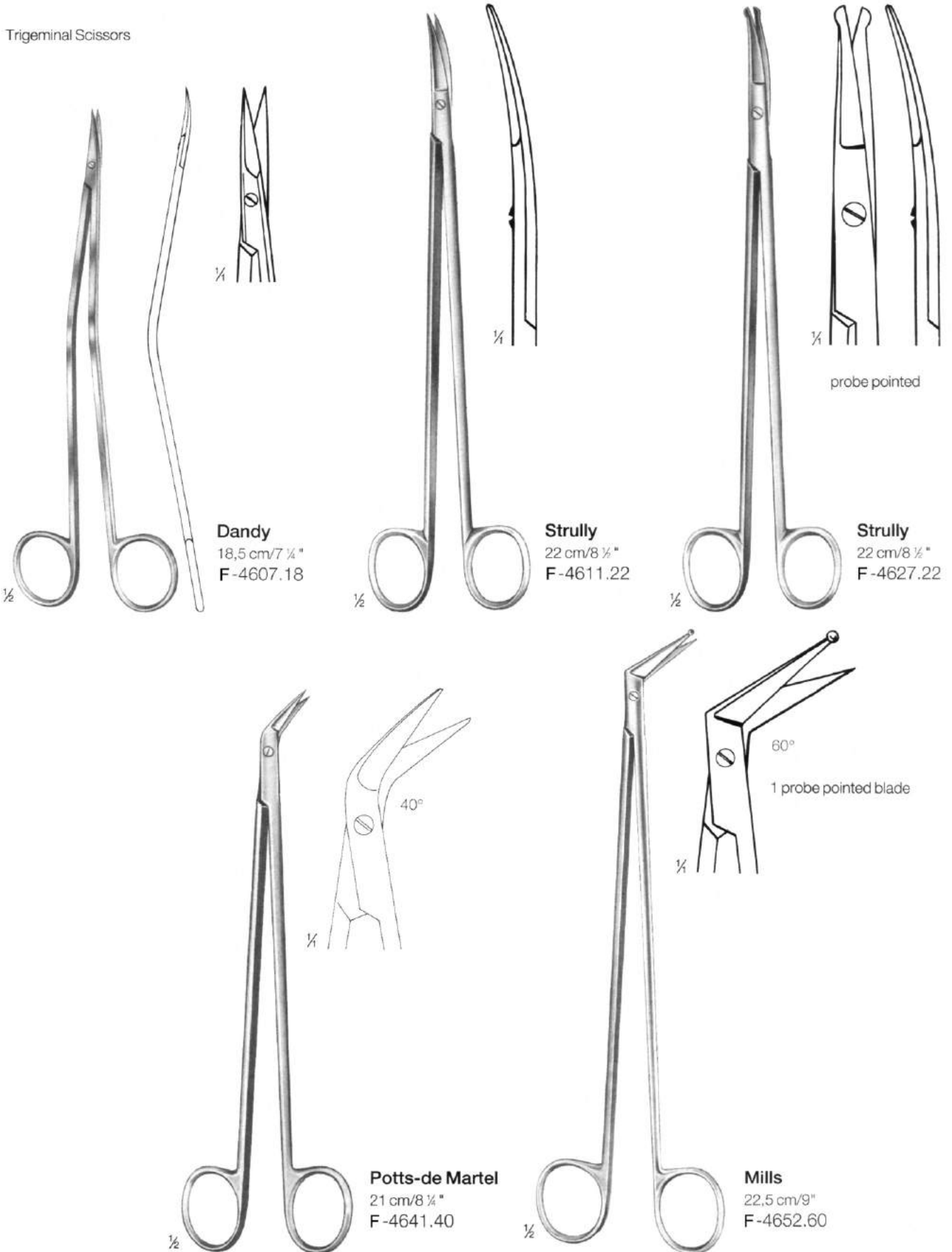


Diethrich
 18 cm/7"
 F-4469.99

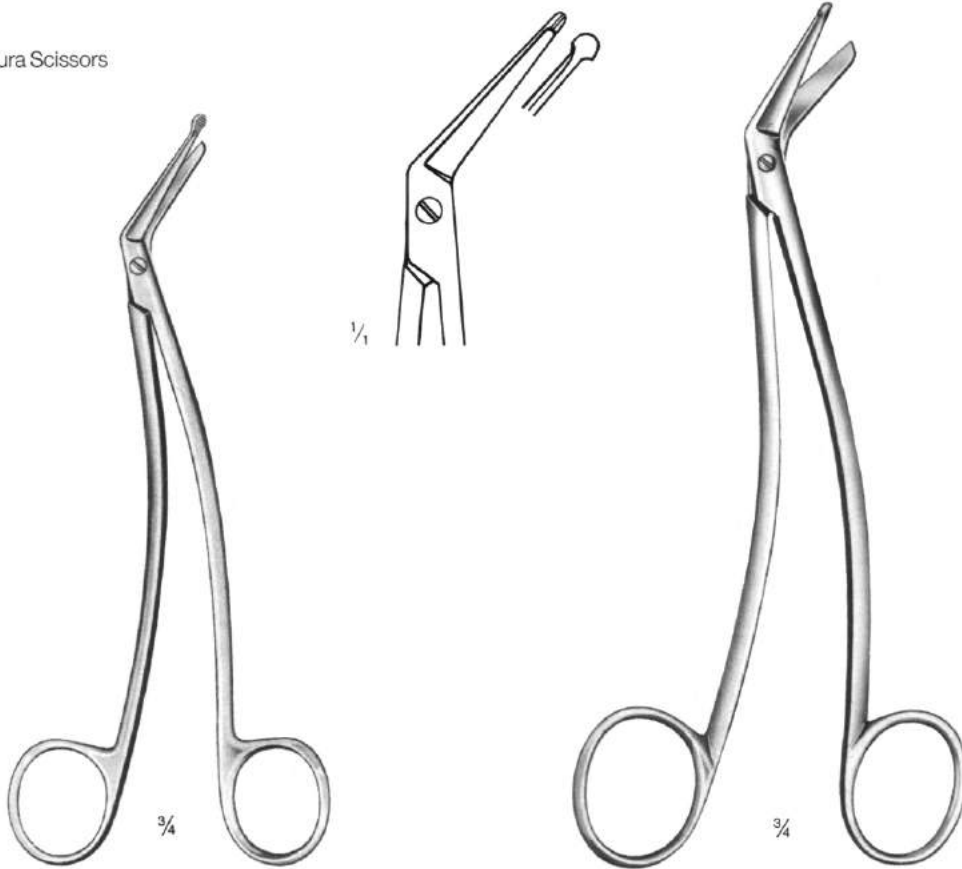


with guide bar

Trigeminal Scissors



Dura Scissors



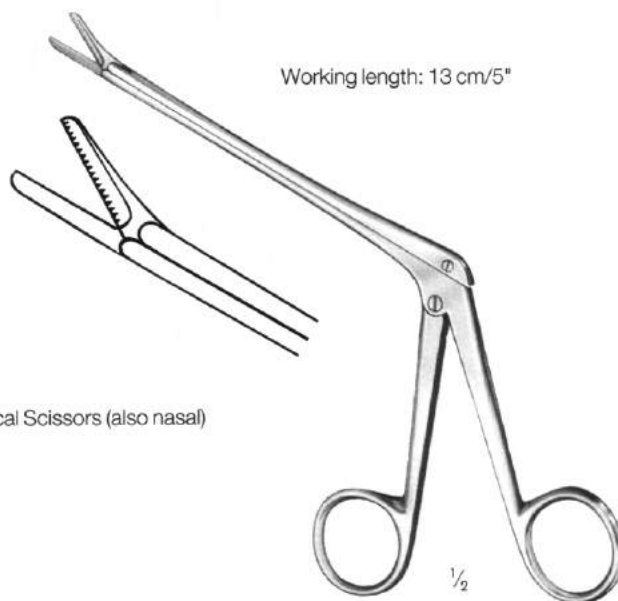
Taylor
 14,5 cm/5 7/8"
 F-4665.14

Schmieden
 17 cm/6 3/4"
 F-4669.17

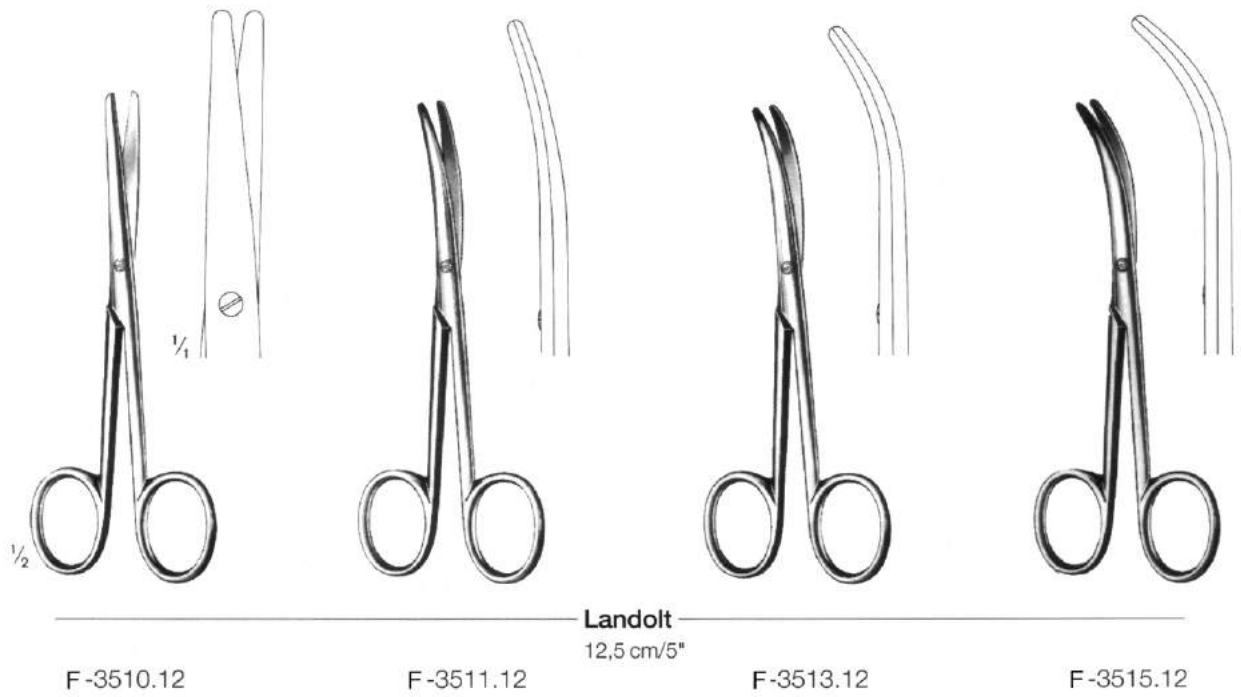
saw edge

Working length: 13 cm/5"

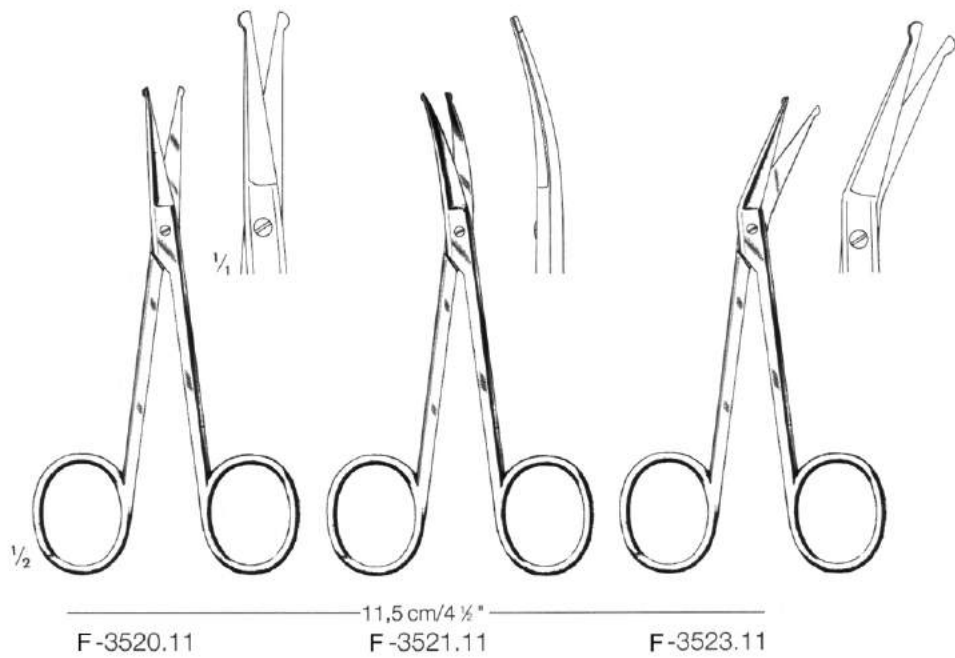
Neurosurgical Scissors (also nasal)

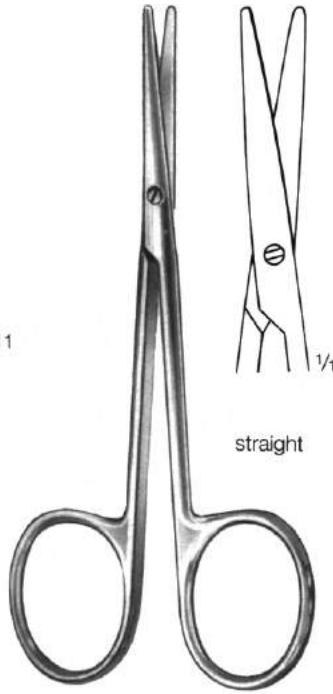
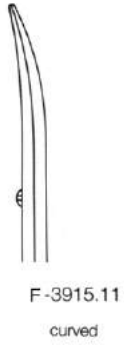


Olivecrona
 21,5 cm/8 1/2"
 F-4680.13

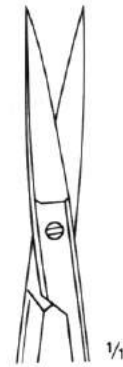
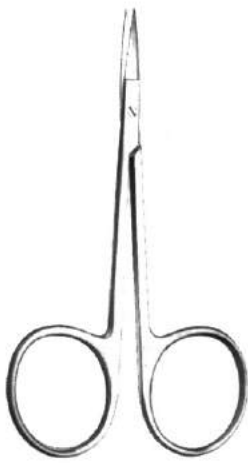
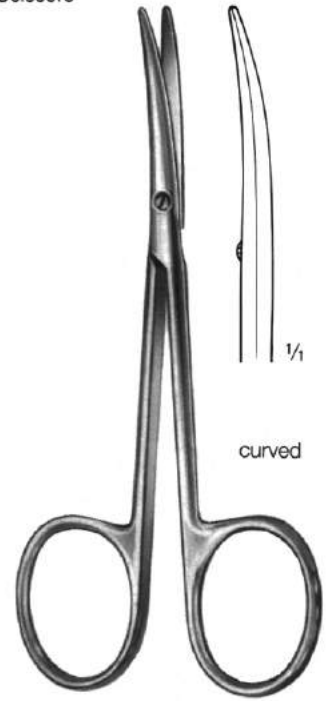


Fine Dissecting Scissors





Strabismus Scissors



cm	inch.	F-3564.09	F-3565.09
9,0	3 1/2		
10,5	4		



Spencer

cm inch.

9 3 1/2 F-5010.09

12 4 3/4 F-5010.12



1/2

Shortbent

9 cm/3 1/2"

F-5011.09



1/2

Northbent

12,5 cm/5"

F-5011.12



1/2

11,5 cm/4 1/2"

F-5013.11



1/2

Littauer

14 cm/5 1/2"

F-5020.14



1/2

Heath

15 cm/6"

F-5025.15



1/2

O'Brien

9,5 cm/3 3/4"

F-5031.09



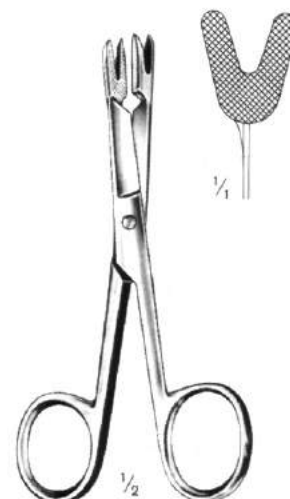
1/4

1/2

Eiselsberg

11 cm/4 1/4"

F-5040.11



1/4

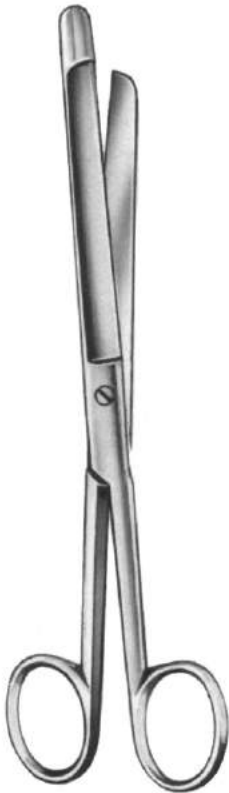
1/2

Schoemaker-Loth

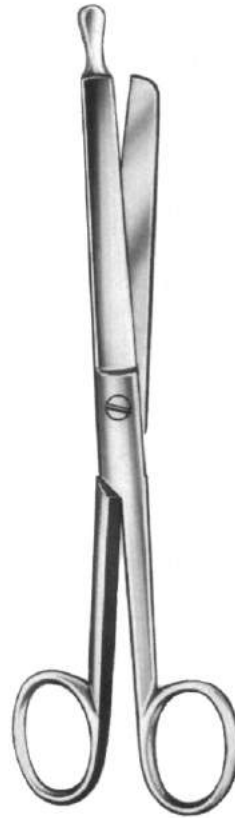
12,5 cm/5"

F-5044.12

Enterotomy Scissors



21 cm/8 1/4"
F-5610.21



21 cm/8 1/4"
F-5614.21

Bone- and Rib Shears

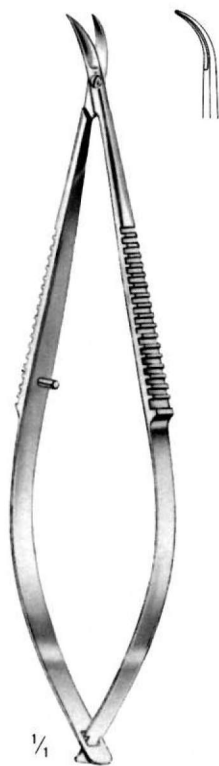


23 cm/9"
F-5650.23

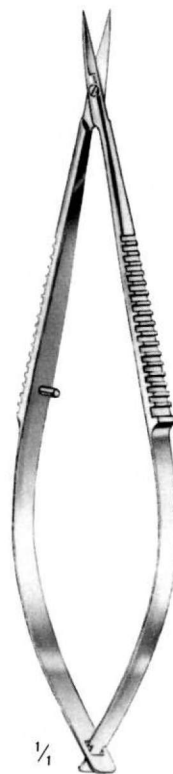
Coronary Scissors



Plain
23 cm/9"
F-5660.23



Castroviejo
 10 cm/4"
 F-6051.10
 Micro Scissors, strongly
 curved – blunt/blunt



Micro
 10 cm/4"



straight
 sharp/sharp
 F-6060.10



curved
 blunt/blunt
 F-6061.10

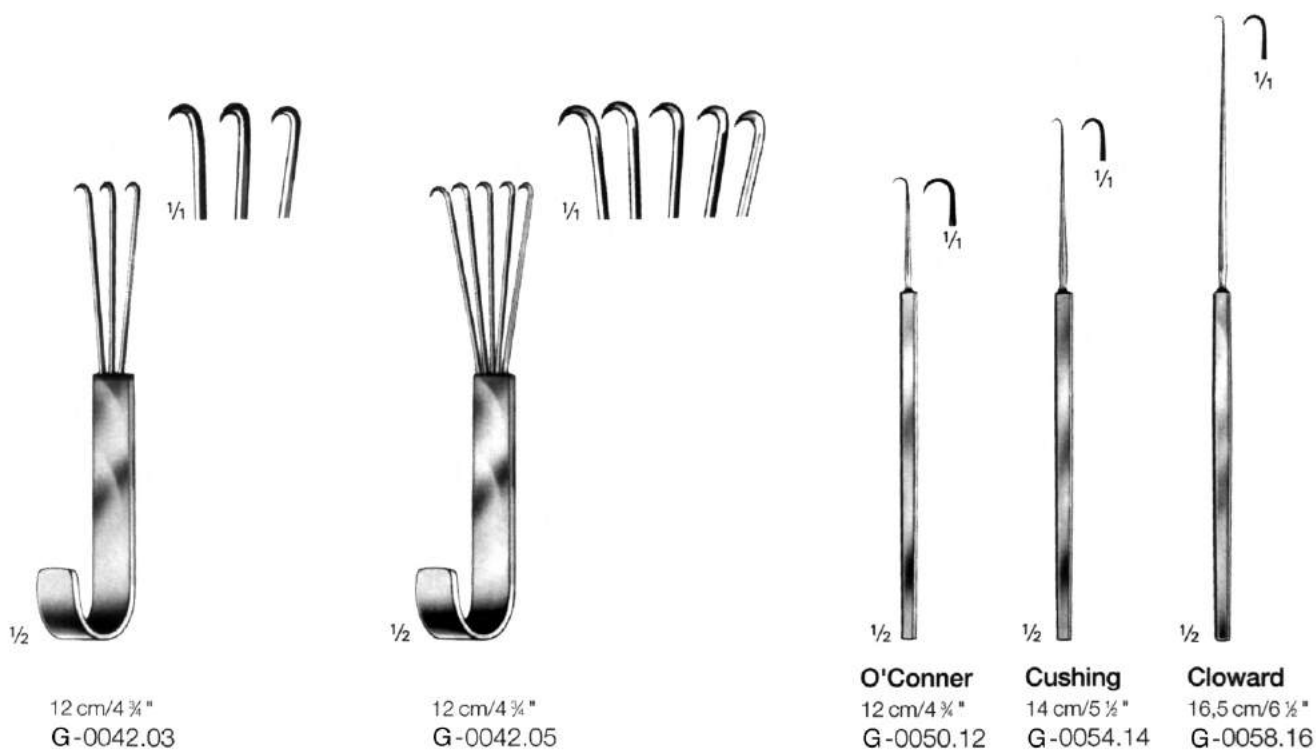
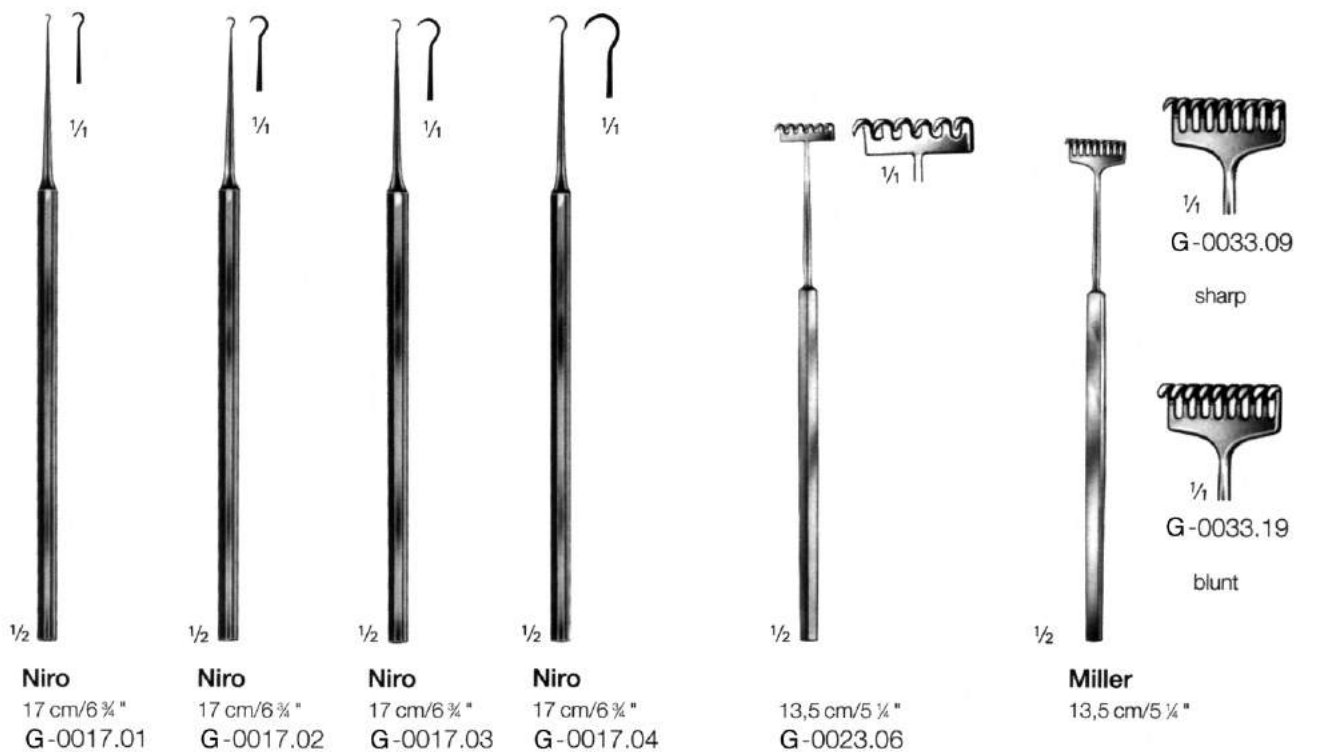


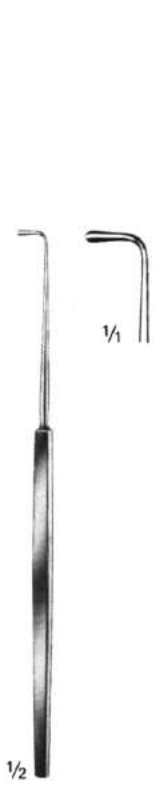
curved
 sharp/sharp
 F-6063.10



G

- Retractors
- Ecarteurs
- Separadores

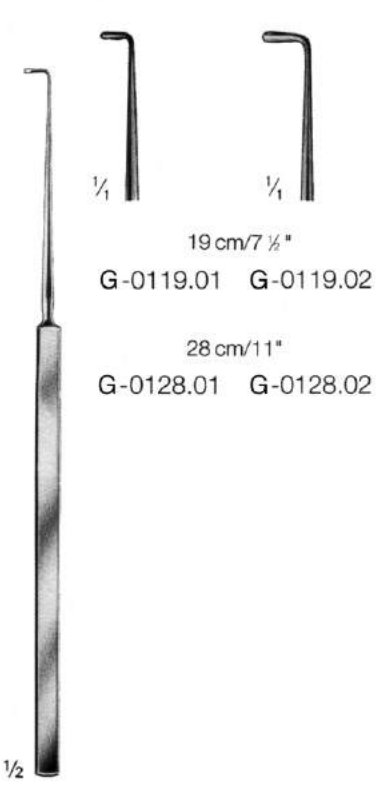




Crile
 14,5 cm/5 3/8"
 G-0100.14



Crile
 20 cm/8"
 G-0100.20



Cushing

19 cm/7 1/2"
 G-0119.01 G-0119.02
 28 cm/11"
 G-0128.01 G-0128.02



Adson
 20 cm/8"
 G-0130.20



Adson
 20 cm/8"
 G-0132.20



Cushing
 13 cm/5"
 G-0134.14



Frazier

18 cm/7"
 G-0136.18



18 cm/7"
 G-0138.18



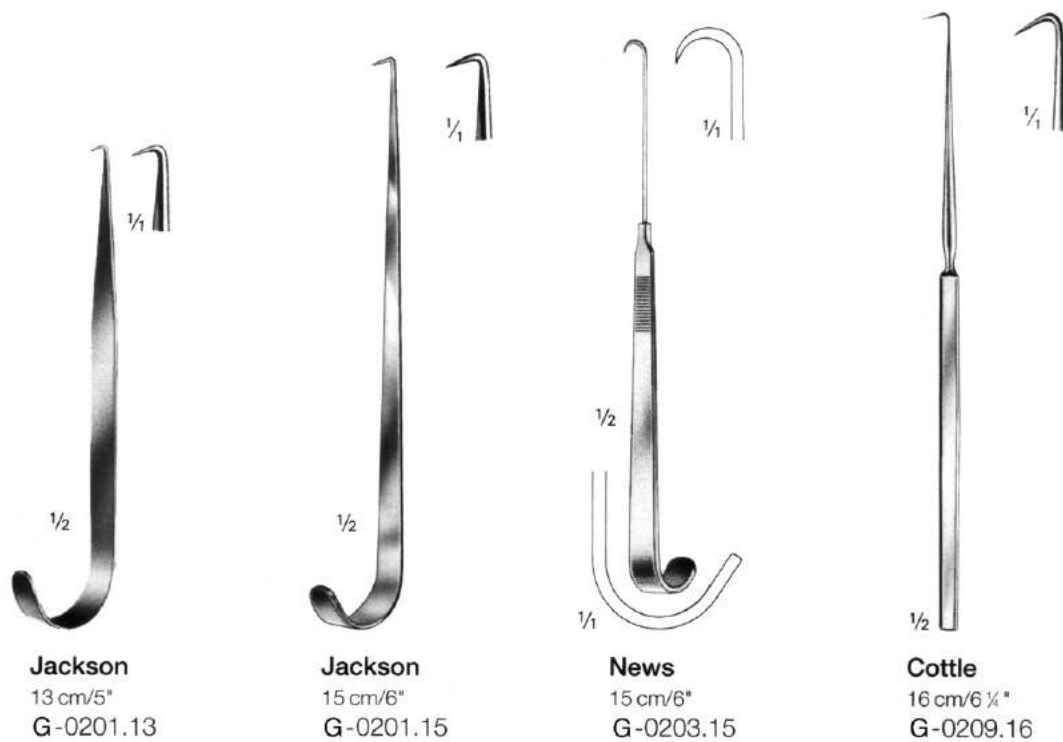
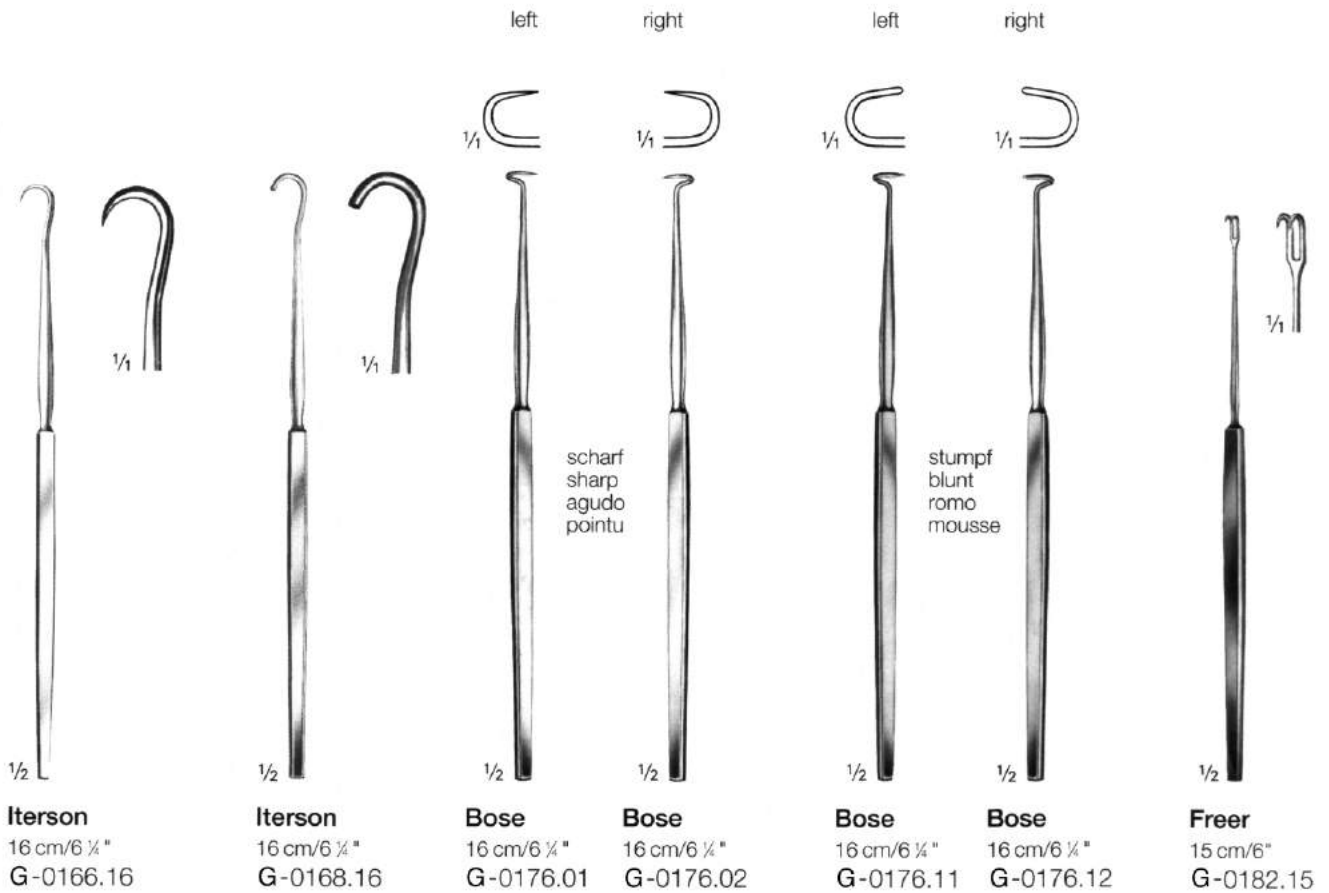
Tönnis
 15 cm/6"
 G-0144.15

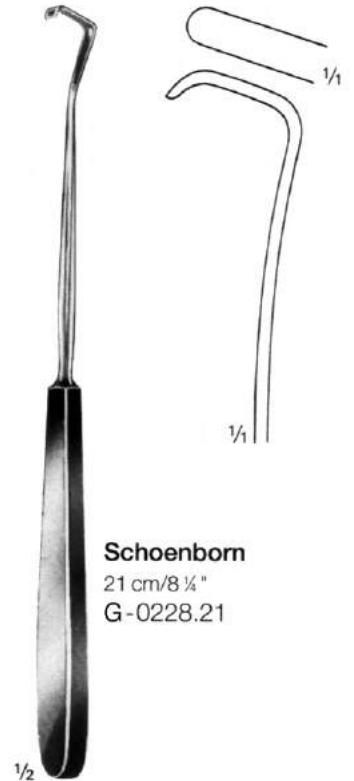


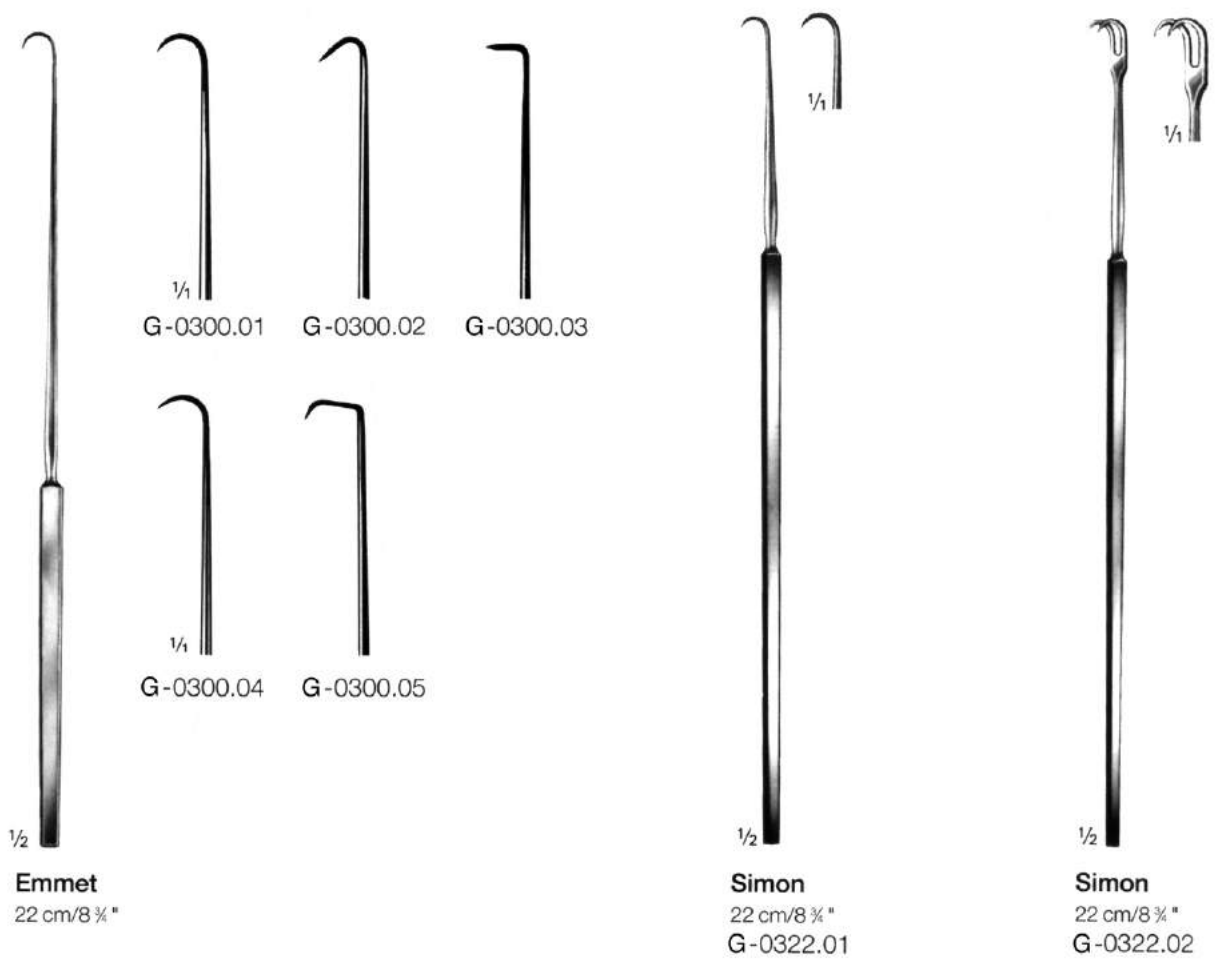
Kleinert-Kutz
 16 cm/6 1/4"

G-0156.03 G-0156.05 G-0156.07

Wound and trachea retractors, mucous hooks
Crochets à plaies et crochets à trachée, crochets pour la muqueuse
Ganchos y separadores para la tráquea, ganchos para las conas

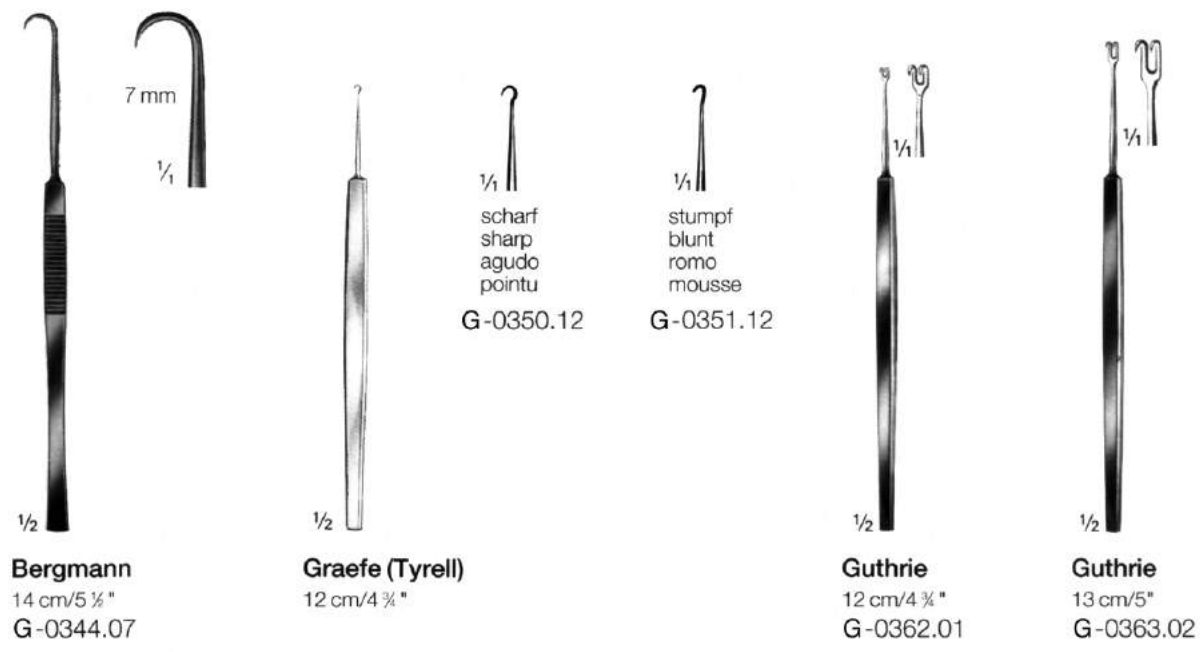


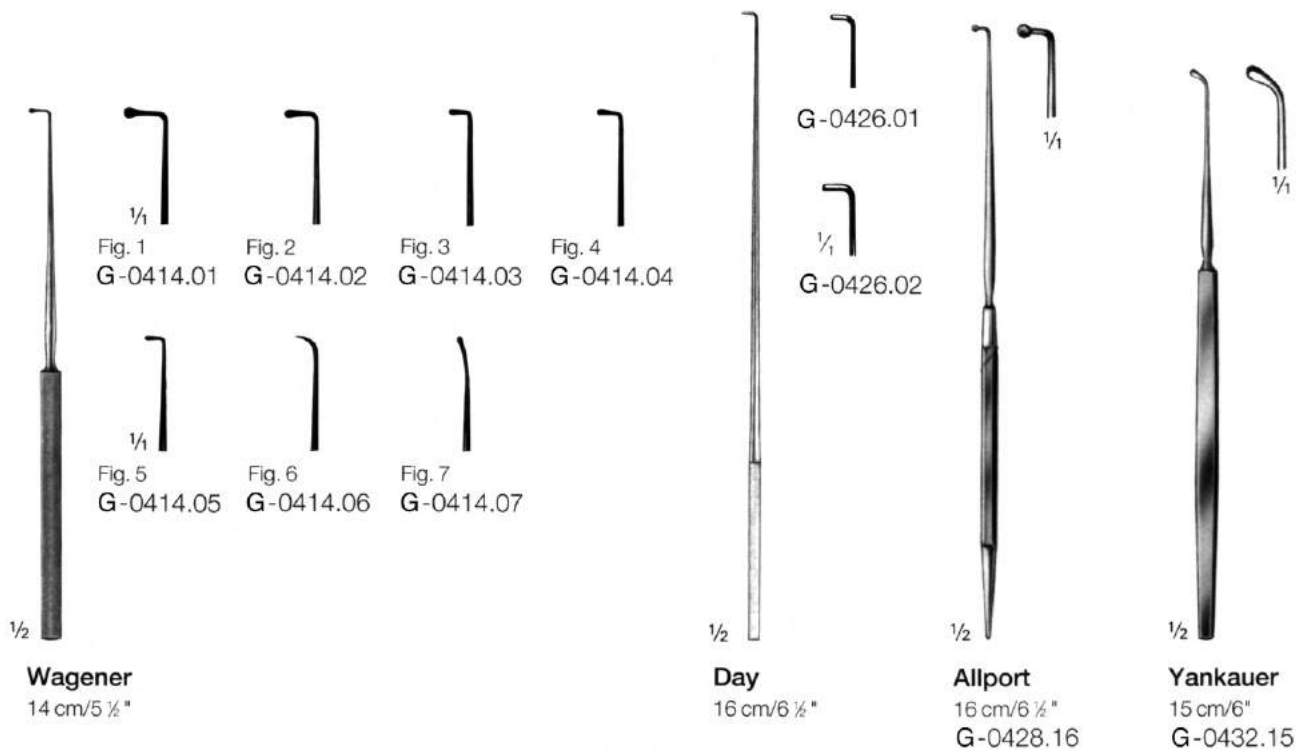




Iris Hooks

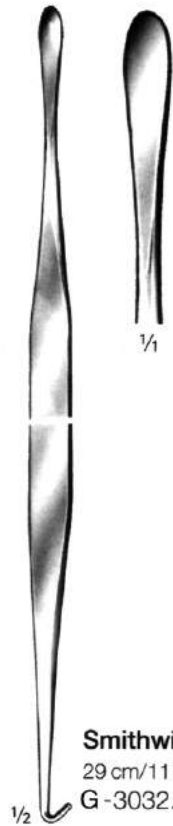
Fixation Hooks, double







Smithwick
 17 cm/6 1/2" G-3030.17
 21 cm/8 1/4" G-3030.21



Smithwick
 29 cm/11 1/2" G-3032.29



Frazier
 19 cm/7 1/2" G-3039.01



Frazier
 19 cm/7 1/2" G-3039.02



Hoen
 22 cm/8 3/4" G-3042.22



Dandy
 20 cm/8" G-3045.01



Dandy
 20 cm/8" G-3044.20



Dandy
 20 cm/8" G-3045.02



Adson
 23 cm/9" G-3050.23



Graham
 16,5 cm/6 1/2" G-3054.16



Sachs
 18,5 cm/7 1/4" G-3056.18

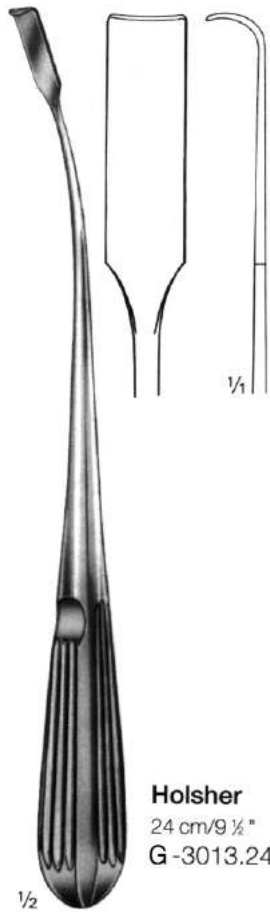


Cloward
 16 cm/6 1/2" G-3072.16

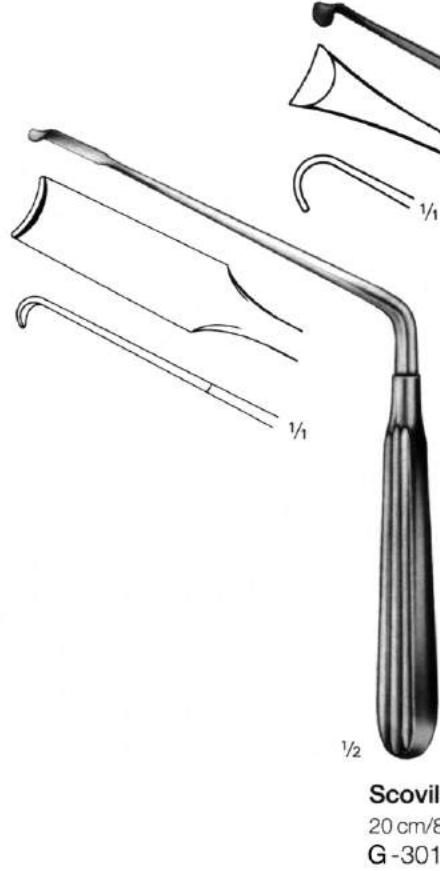
Nerve root retractors
Rétracteurs pour racines nerveuses
Separadores para raiz de nervios



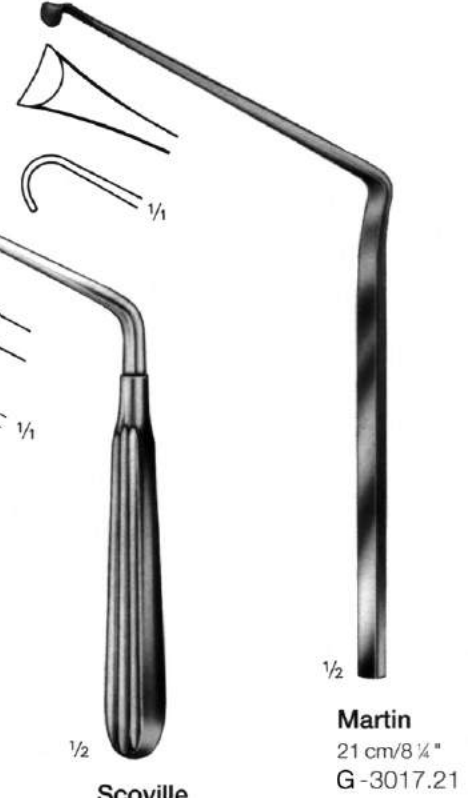
Scoville
 23 cm/9"
 G-3010.23



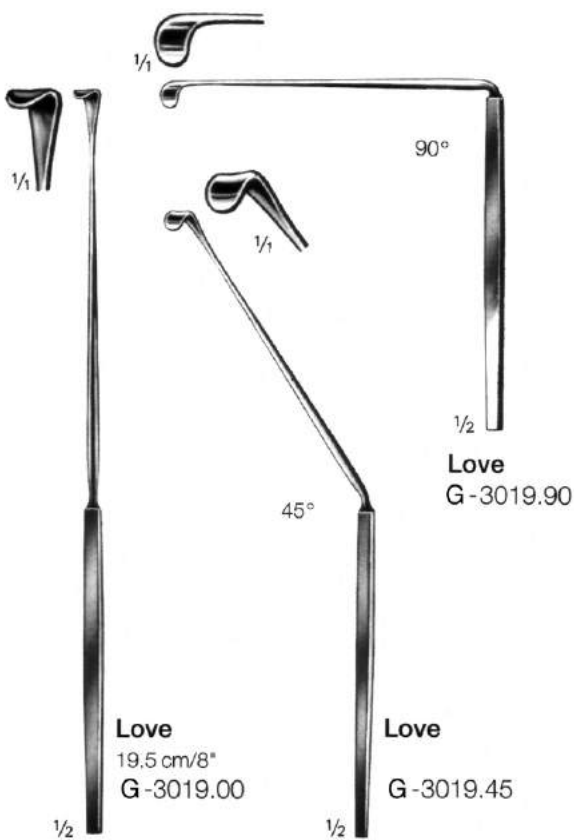
Holsher
 24 cm/9 1/2"
 G-3013.24



Scoville
 20 cm/8"
 G-3010.20



Martin
 21 cm/8 1/4"
 G-3017.21



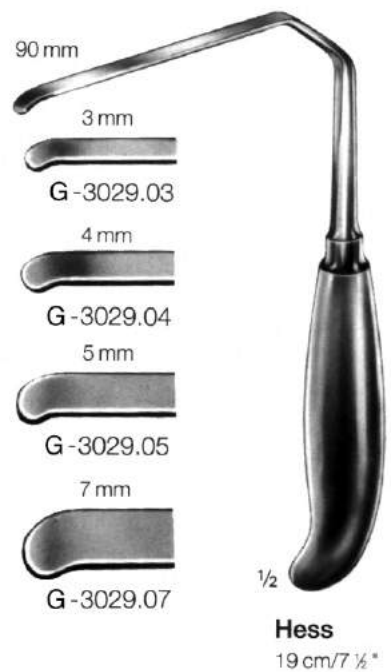
Love
 19.5 cm/8"
 G-3019.00

Love
 G-3019.45

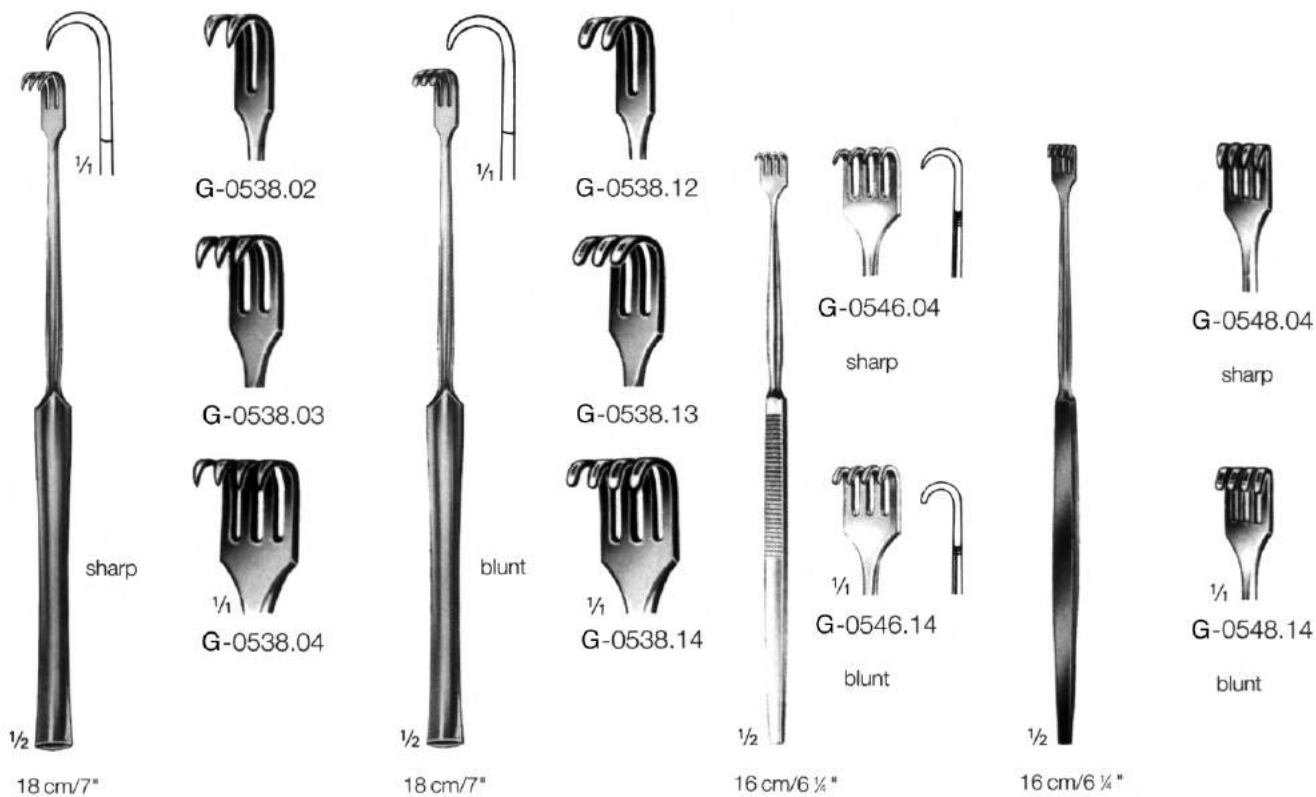
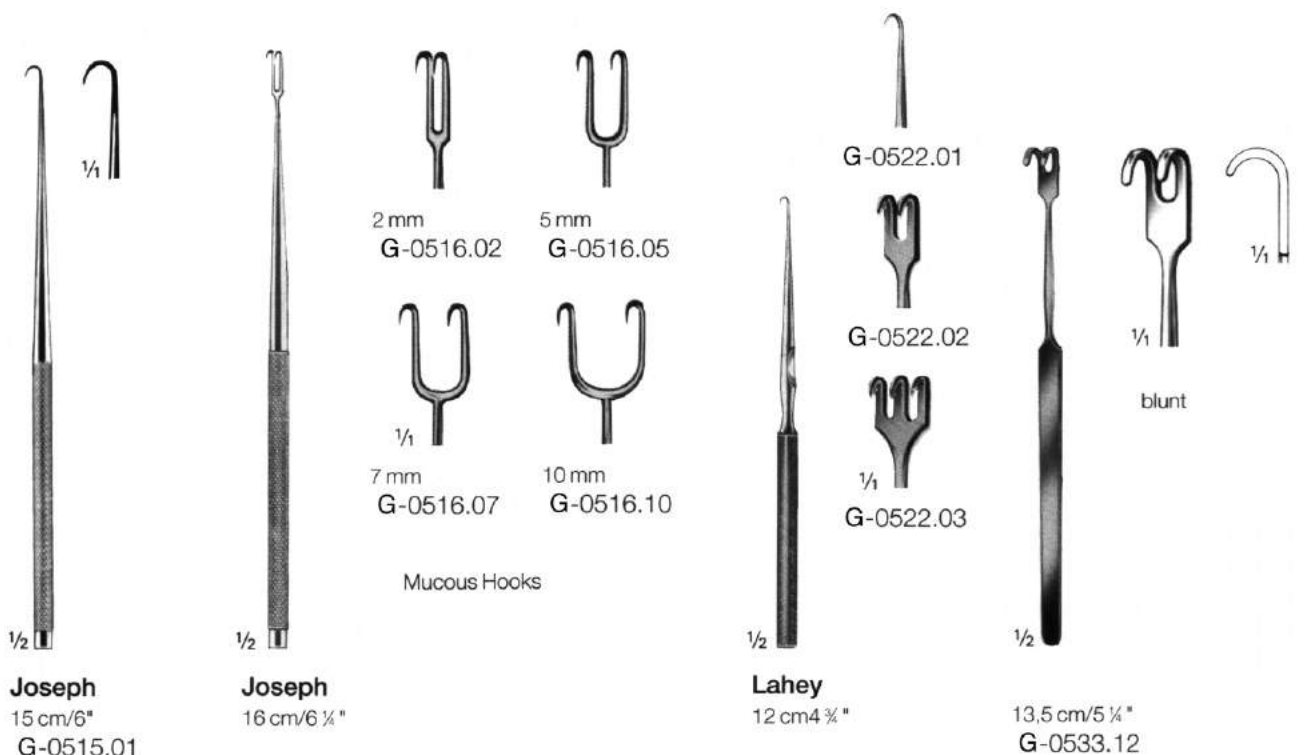
Love
 G-3019.90

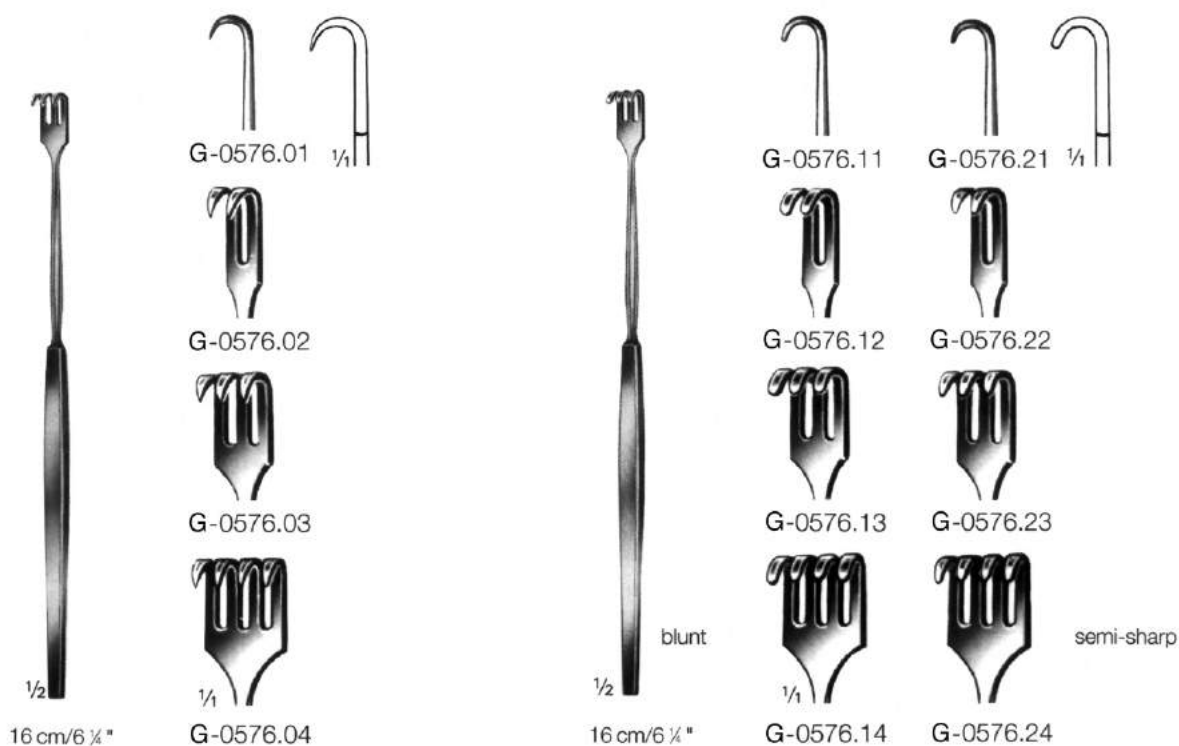
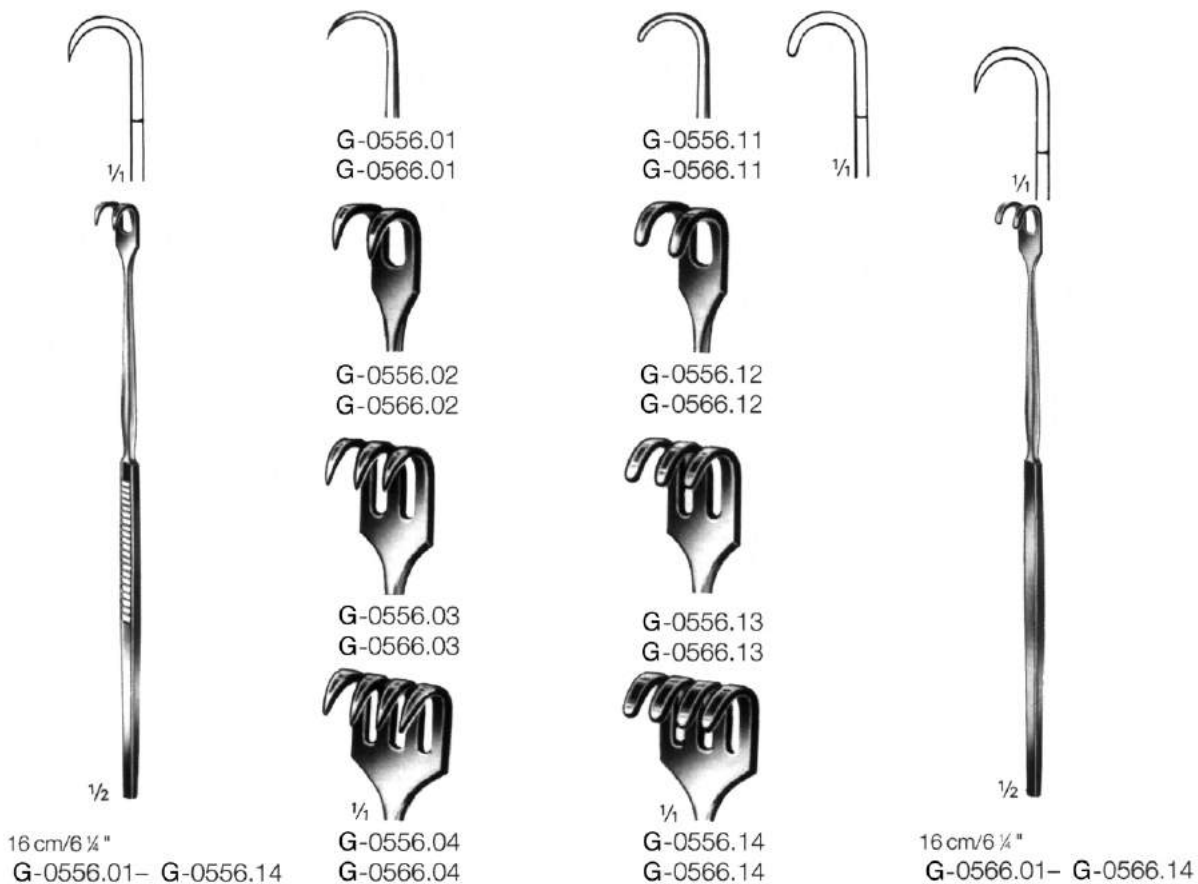


Love
 21 cm/8 1/4"
 G-3025.21

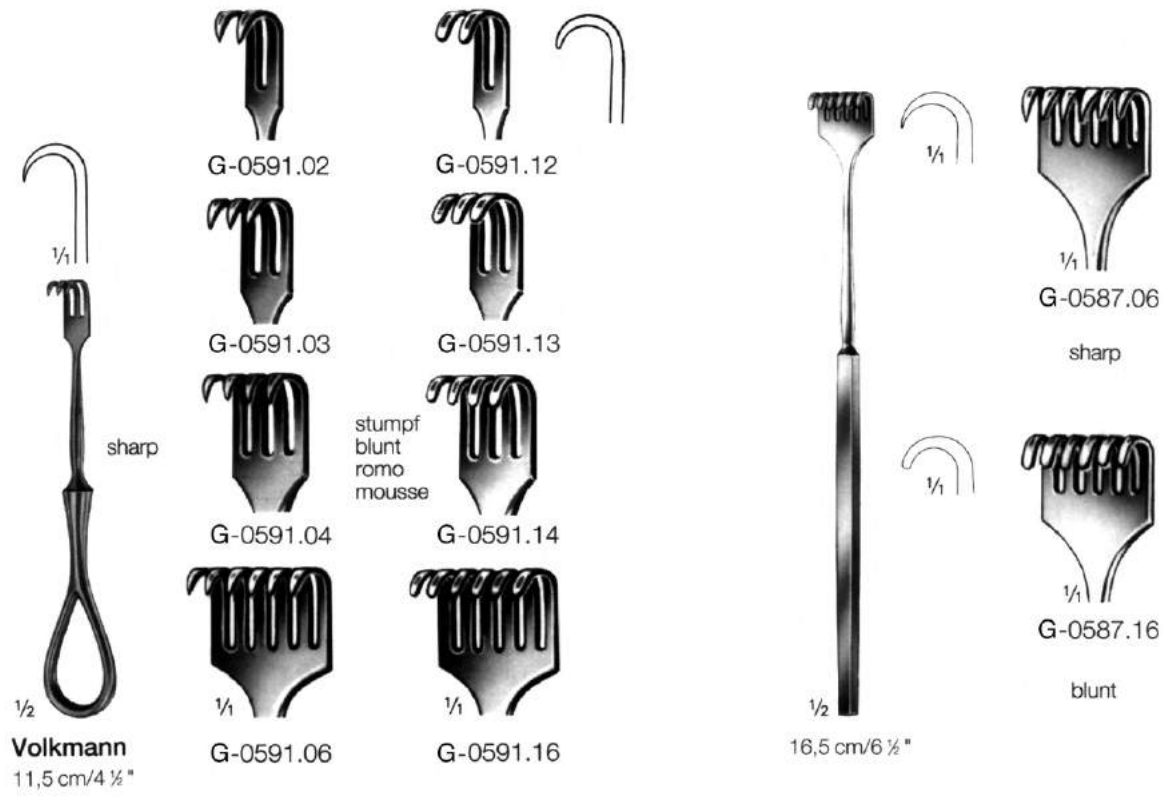
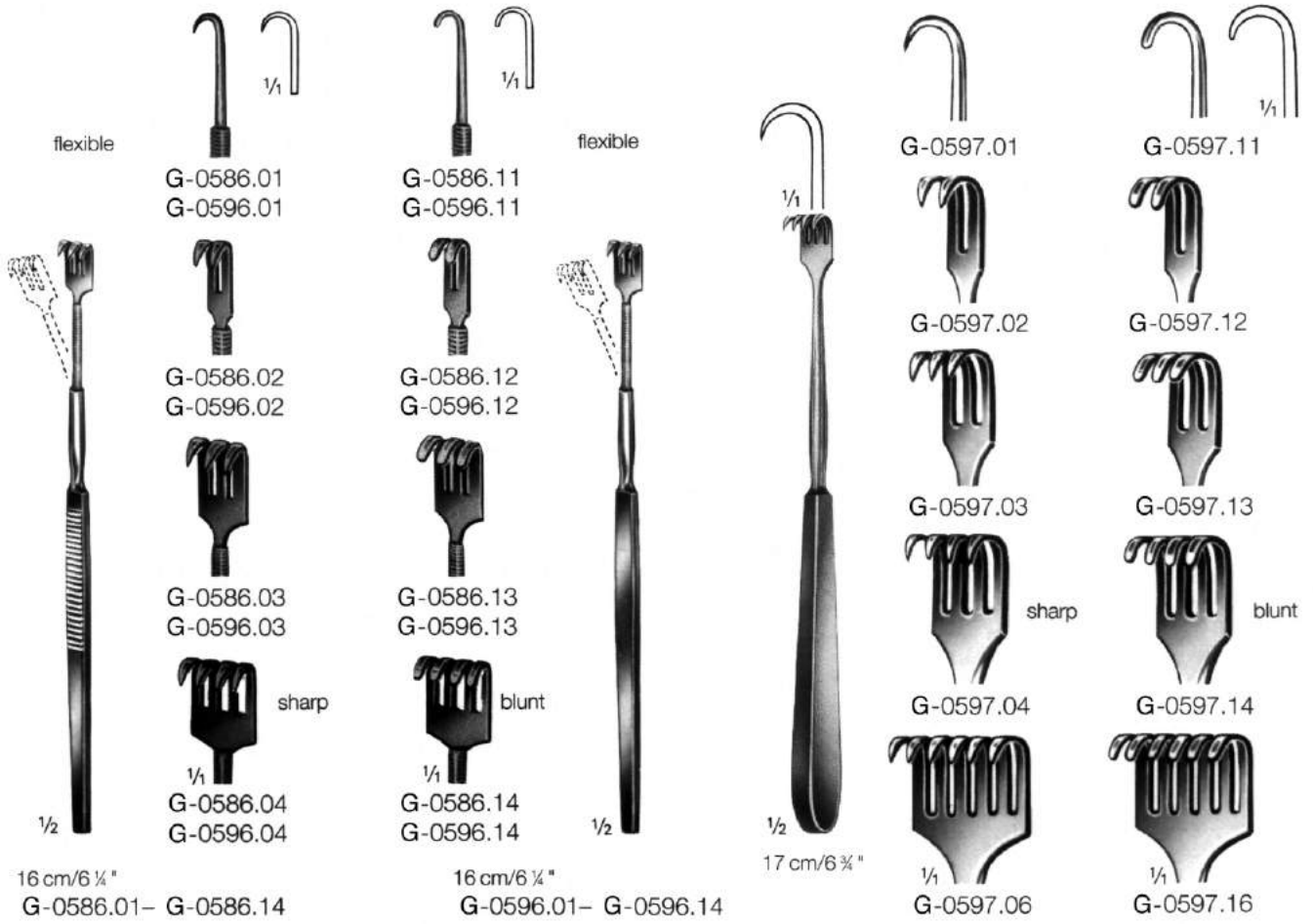


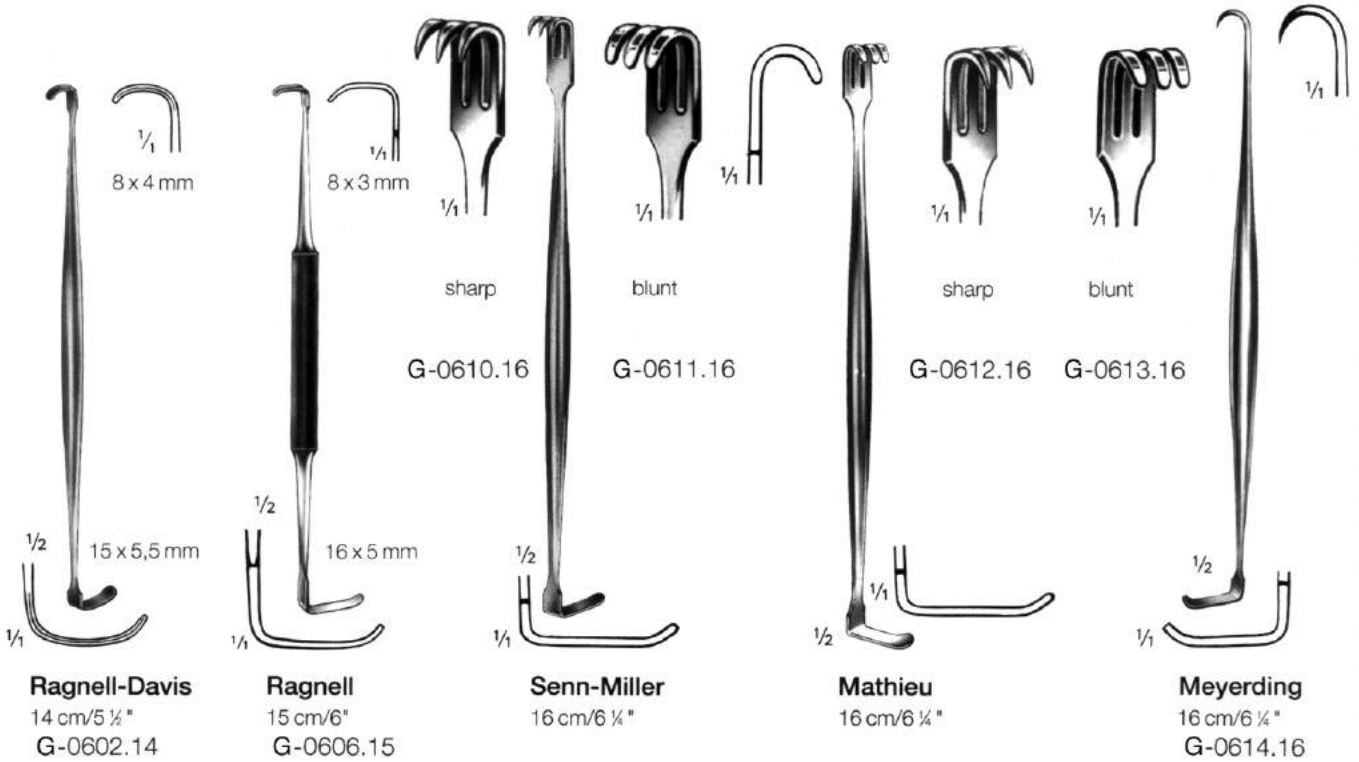
Hess
 19 cm/7 1/2"



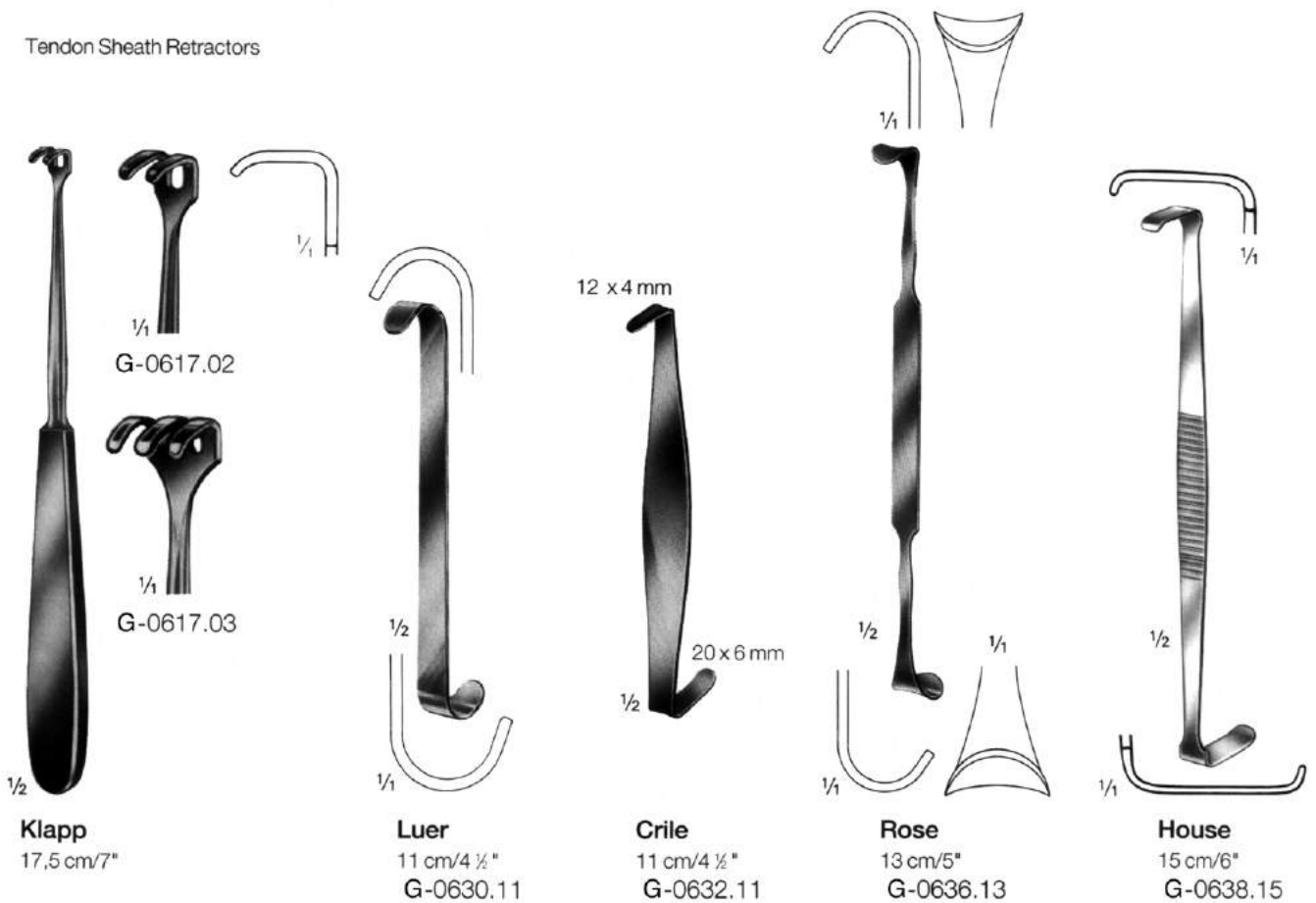


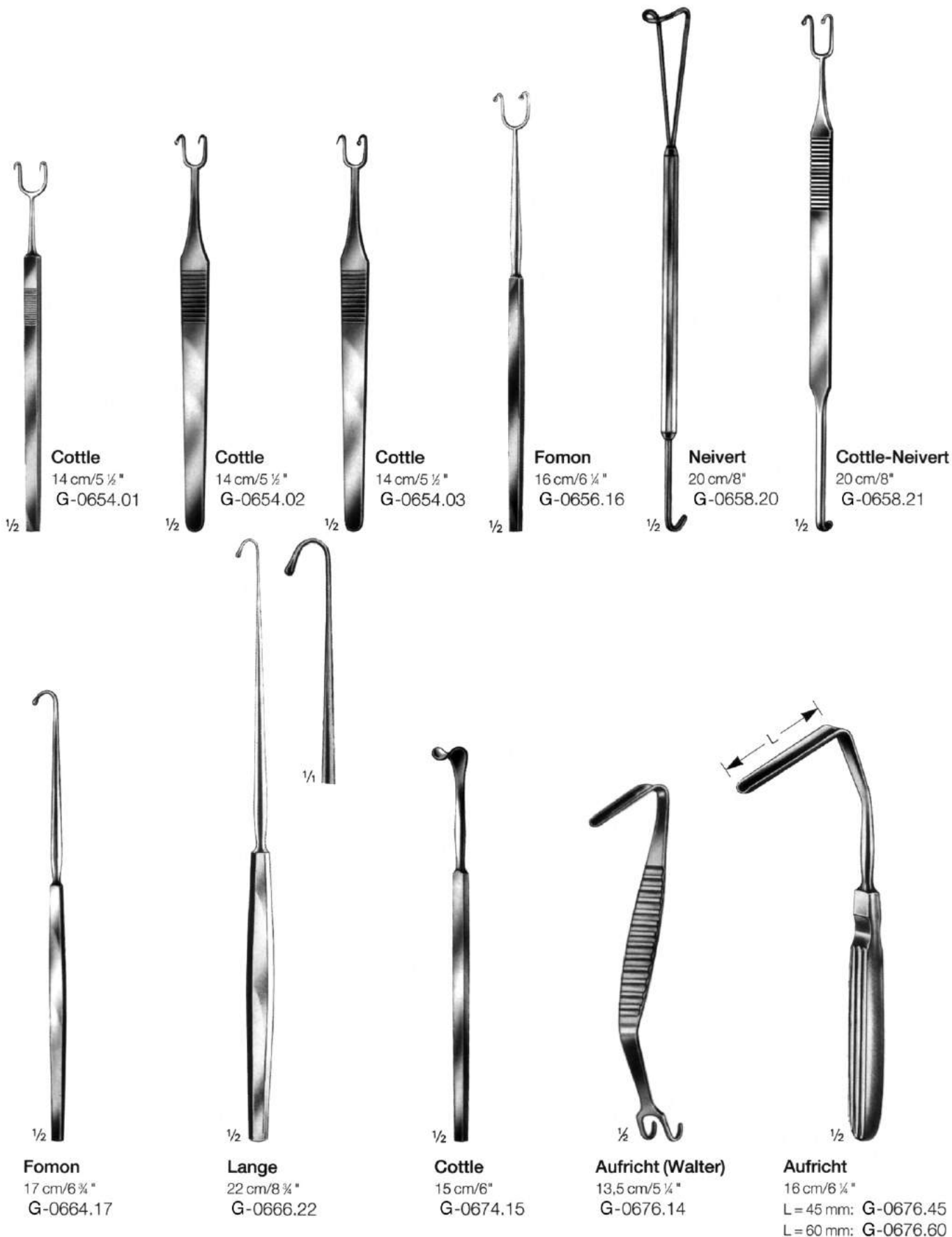
Wound - and trachea retractors
Ecarteurs et crochets à trachée
Separadores y ganchos para la tráquea

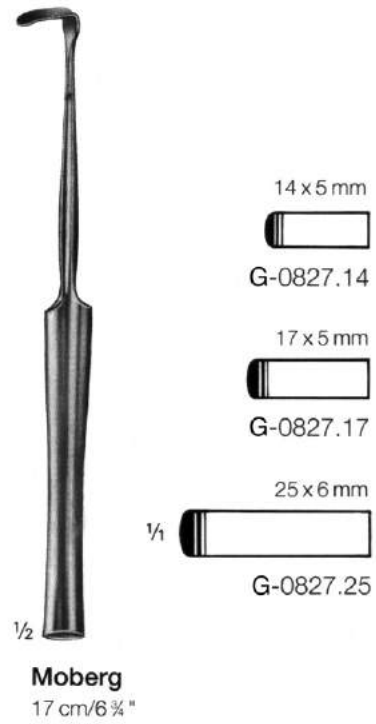
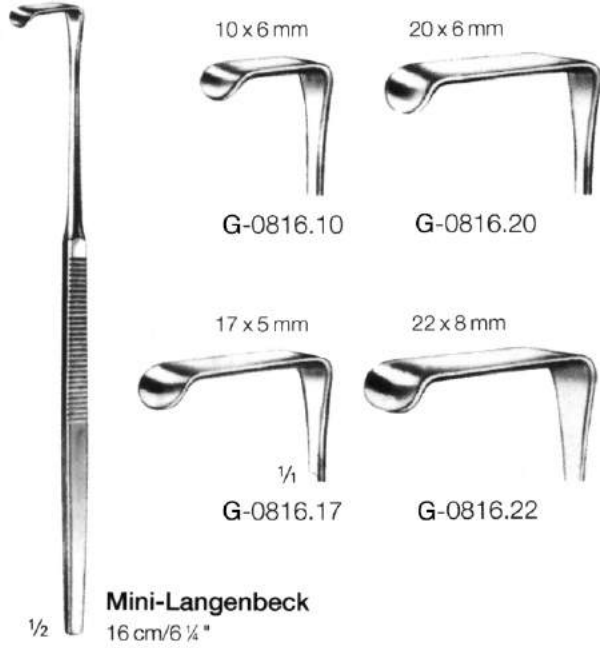




Tendon Sheath Retractors



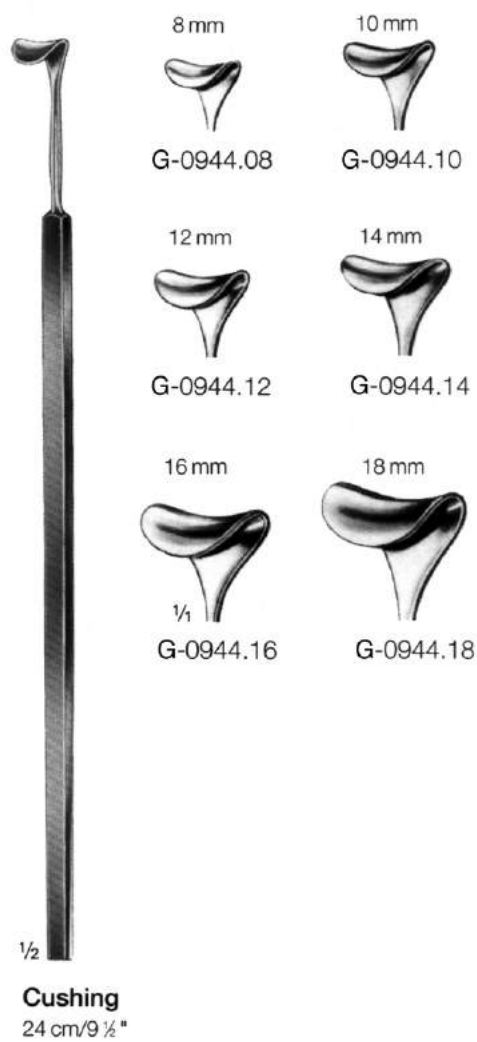
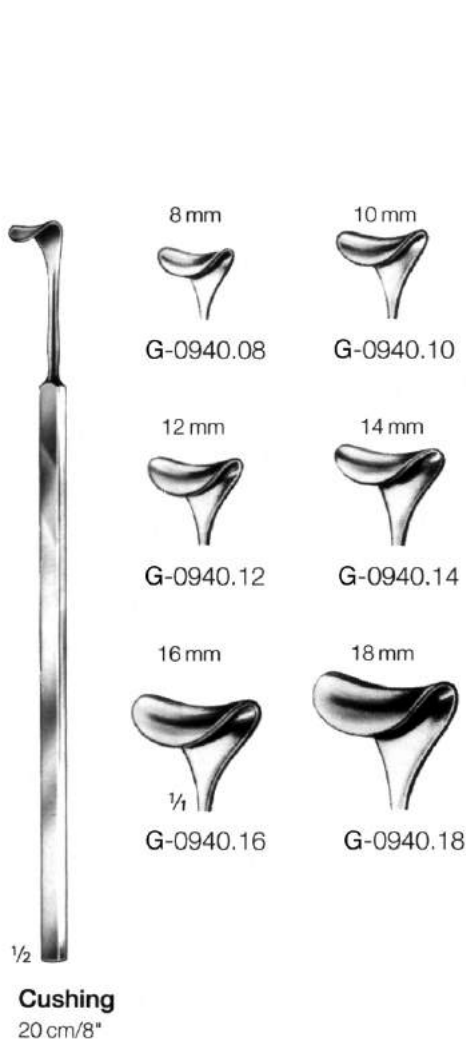






Wound- and Vein Retractors







21 cm/8 1/4"



G-1021.04

sharp



G-1021.14

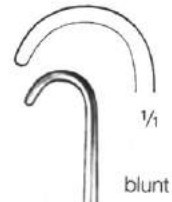
blunt



sharp

1/2

Volkman
23 cm/9"
G-1023.01



blunt

1/2

Volkman
23 cm/9"
G-1023.11



1/2

Volkman
23 cm/9"



sharp

9 x 8 mm



G-1023.02

9 x 13 mm



G-1023.03

9 x 19 mm



G-1023.04

9 x 29 mm



G-1023.06



blunt



G-1023.12



G-1023.13



G-1023.14



G-1023.16



semi-sharp



G-1023.22












G-1023.23









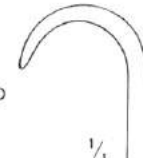


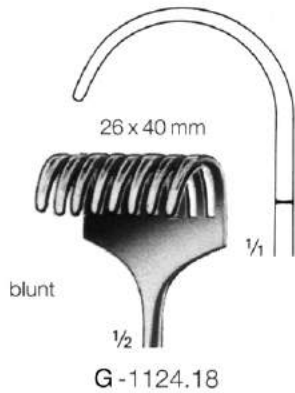
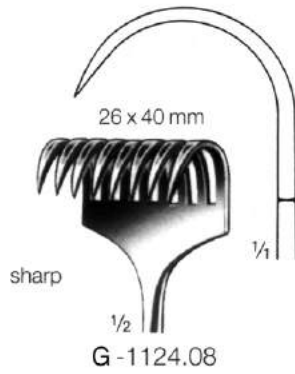
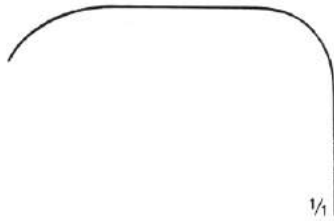
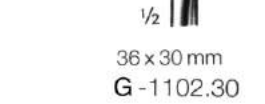
G-1023.24



G-1023.26

 <p>sharp</p> <p>blunt</p> <p>semi-sharp</p> <p>Volkmann 21,5 cm/8 3/8"</p>		<p>9 x 8 mm</p>  <p>1/2</p> <p>G-1061.02</p>	<p>9 x 13 mm</p>  <p>G-1061.03</p>	<p>9 x 19 mm</p>  <p>G-1061.04</p>	<p>9 x 29 mm</p>  <p>G-1061.06</p>	<p>9 x 40 mm</p>  <p>G-1061.08</p>
		<p>1/2</p> <p>G-1061.12</p>	<p>G-1061.13</p>	<p>G-1061.14</p>	<p>G-1061.16</p>	<p>G-1061.18</p>
		<p>1/2</p> <p>G-1061.22</p>	<p>G-1061.23</p>	<p>G-1061.24</p>	<p>G-1061.26</p>	<p>G-1061.28</p>

 <p>sharp</p> <p>blunt</p> <p>semi-sharp</p> <p>Volkmann 21,5 cm/8 3/8"</p>		<p>15 x 10 mm</p>  <p>1/2</p> <p>G-1072.02</p>	<p>15 x 15 mm</p>  <p>G-1072.03</p>	<p>15 x 20 mm</p>  <p>G-1072.04</p>	<p>15 x 30 mm</p>  <p>G-1072.06</p>	<p>15 x 40 mm</p>  <p>G-1072.08</p>
		<p>1/2</p> <p>G-1072.12</p>	<p>G-1072.13</p>	<p>G-1072.14</p>	<p>G-1072.16</p>	<p>G-1072.18</p>
		<p>1/2</p> <p>G-1072.22</p>	<p>G-1072.23</p>	<p>G-1072.24</p>	<p>G-1072.26</p>	<p>G-1072.28</p>





Körte

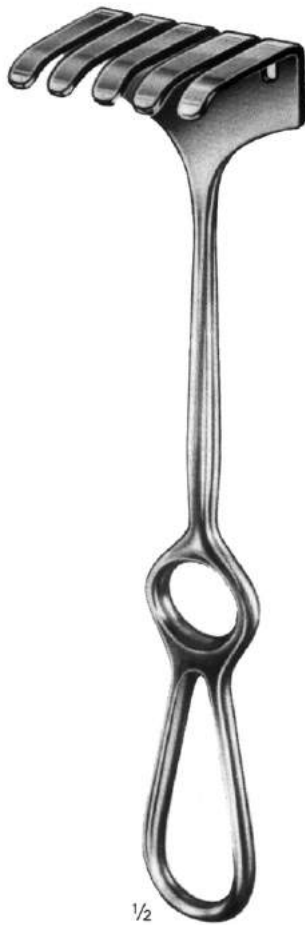
28 cm/11"
G - 1138.40



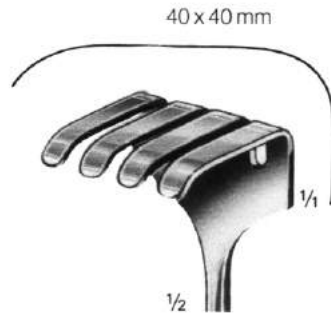
25 cm/10"
G - 1145.08



25 cm/10"
G - 1145.16



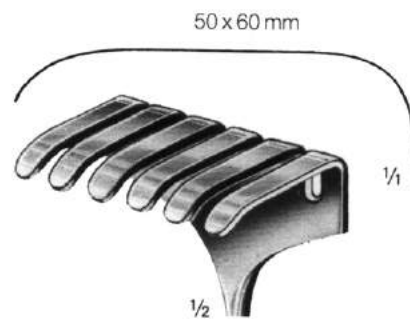
$\frac{1}{2}$
Israel
25 cm/10"



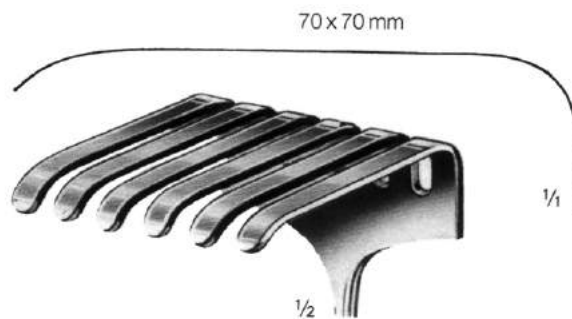
G-1155.40



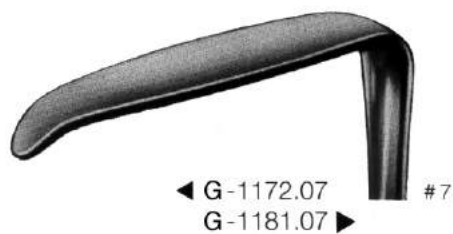
G-1155.50



G-1155.60



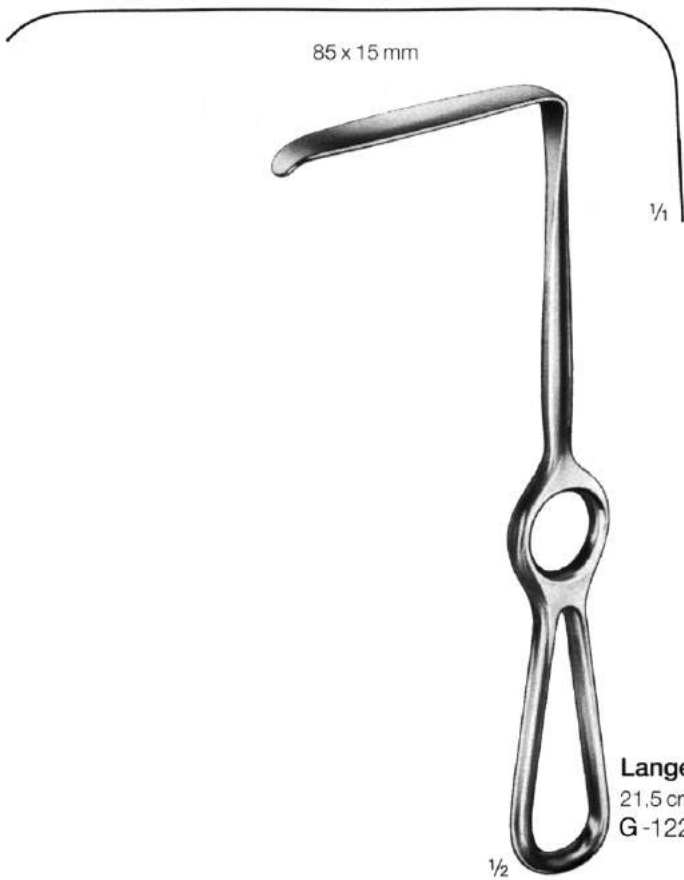
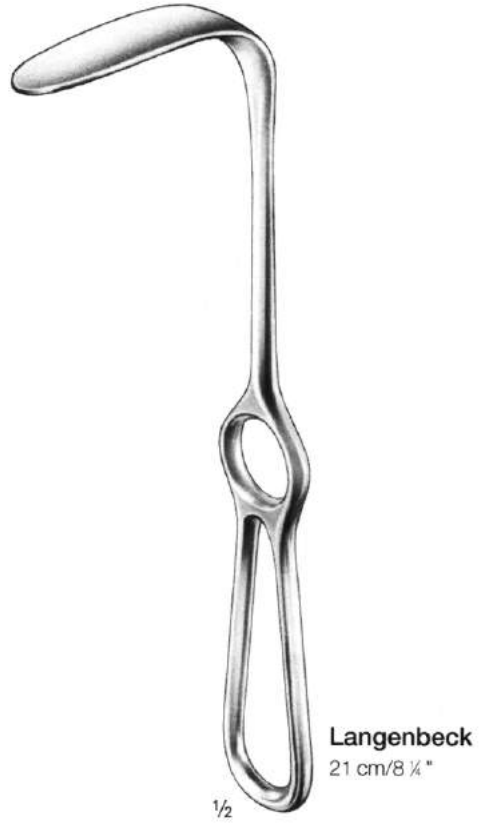
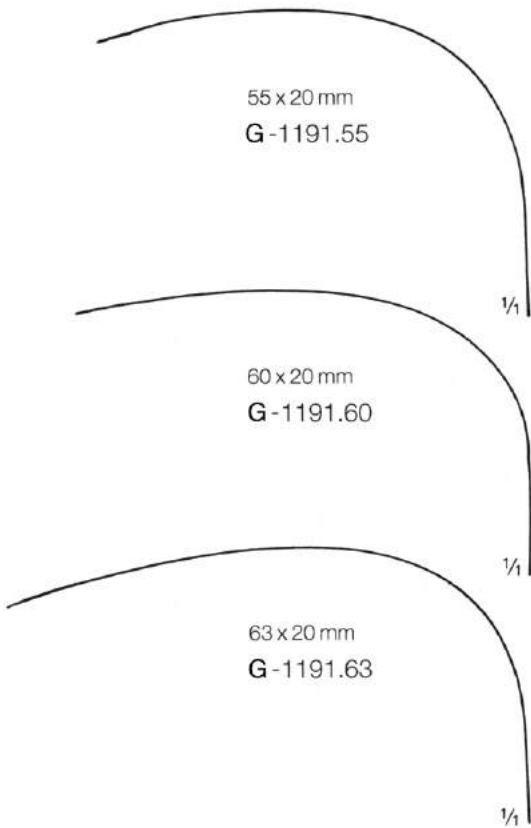
G-1155.70



1/2
Langenbeck
22 cm/8 1/2"
G-1172.##



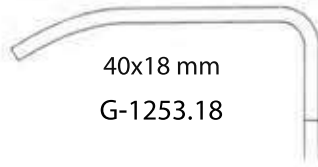
1/2
Langenbeck
21 cm/8 1/4"
G-1181.##



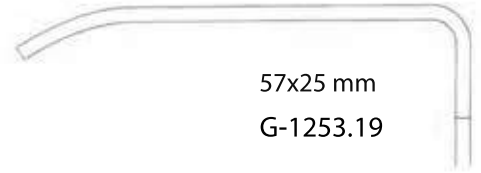
Abdominal Retractors écarteurs abdominaux Los retractoros abdominales



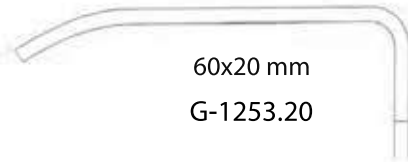
Kocher
23 cm/9"



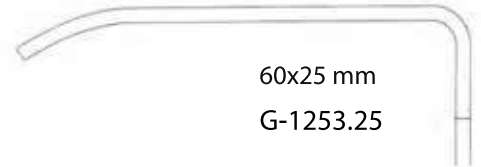
40x18 mm
G-1253.18



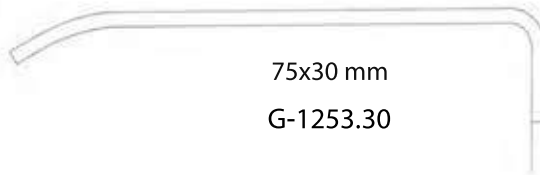
57x25 mm
G-1253.19



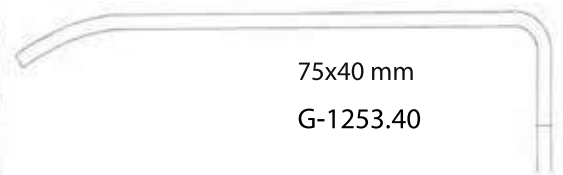
60x20 mm
G-1253.20



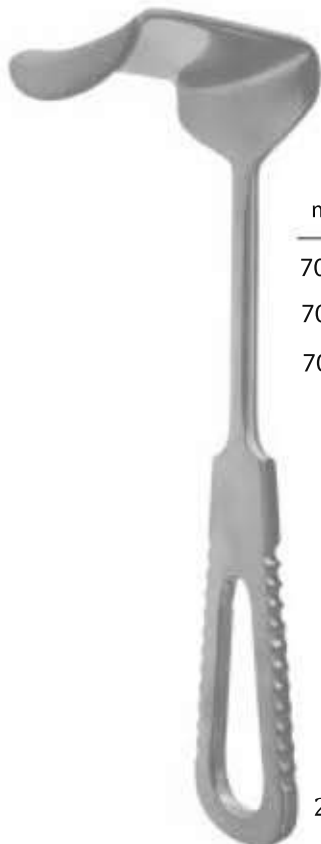
60x25 mm
G-1253.25



75x30 mm
G-1253.30



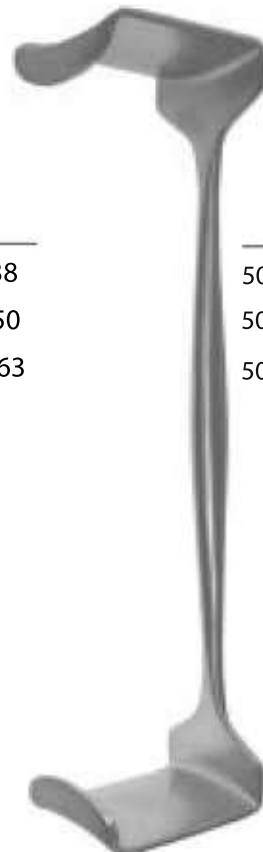
75x40 mm
G-1253.40



Morris
24 cm/9.5"

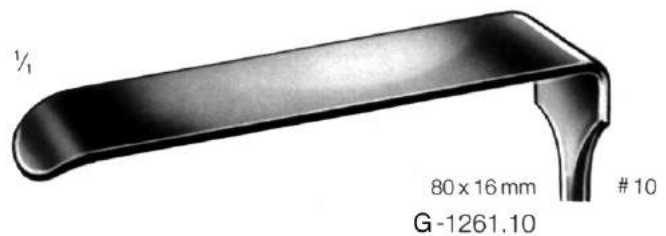
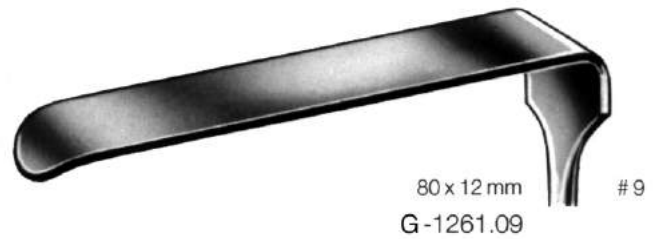
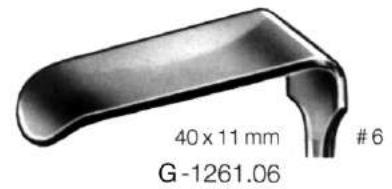
mm	
70x40	G-1264.40
70x50	G-1264.50
70x65	G-1264.65

mm	
50x38	G-1266.38
50x50	G-1266.50
50x63	G-1266.63

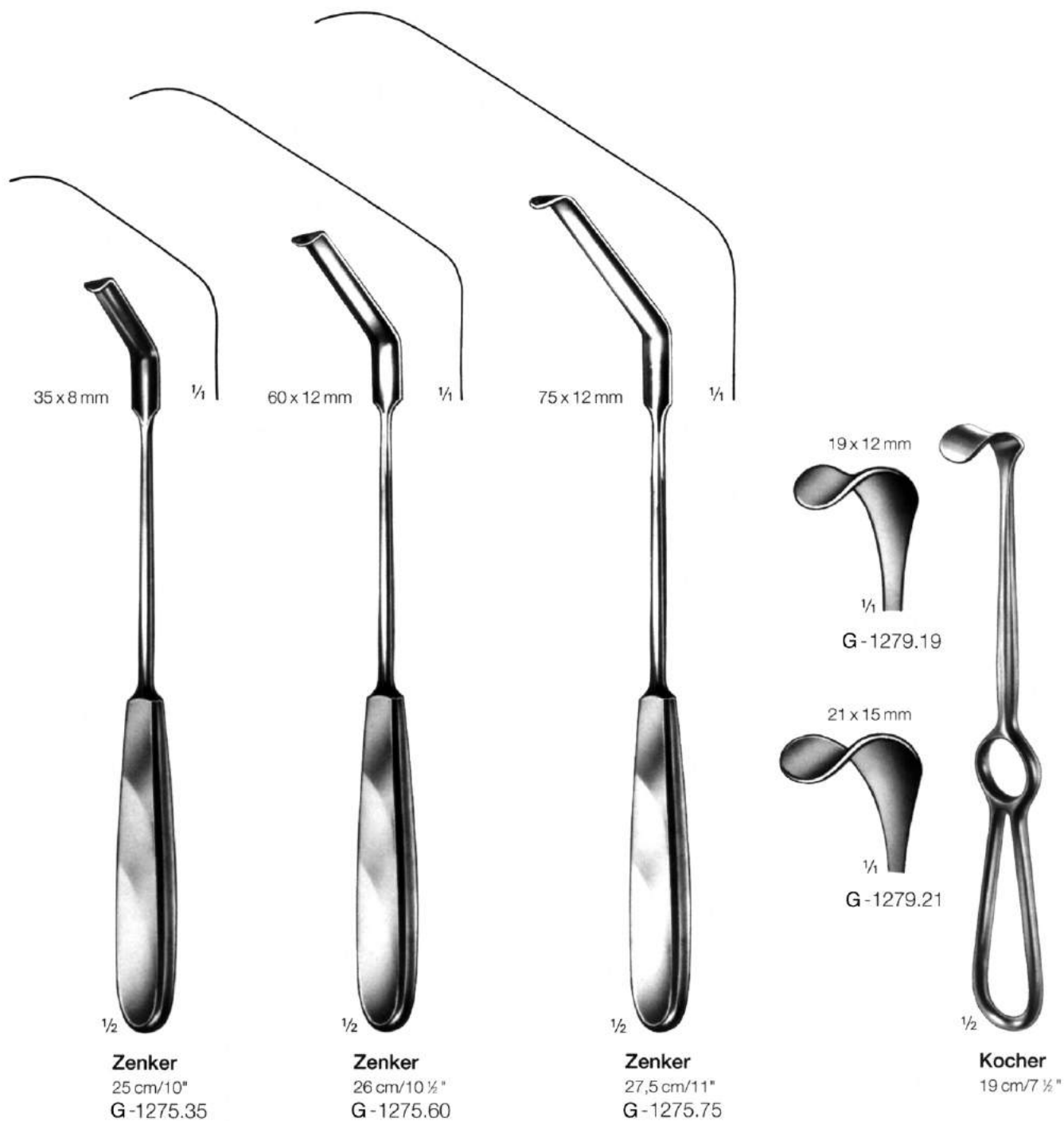


Morris
24 cm/9.5"

mm	
50x32/51x38	G-1260.38
50x44/51x50	G-1260.50
50x57/51x63	G-1260.63



$\frac{1}{2}$
Kocher-Langenbeck
21,5 cm/8 $\frac{1}{2}$ "



20 x 14 mm



20 x 19 mm

1/2

20 cm/8"
G-2002.20

1/2

Kocher
22 cm/8 3/4"
G-2006.10 = 40 x 10 mm
G-2006.15 = 40 x 15 mm
G-2006.20 = 40 x 20 mm

1/2

Middeldorpf
G-2010.##

14 x 17 mm



1/2

21,5 cm/8 1/2"
◀ G-2010.14
G-2012.14 ▶

20 x 22 mm



1/2

22 cm/8 3/4"
◀ G-2010.20
G-2012.20 ▶

26 x 30 mm



1/2

23,5 cm/9 1/4"
◀ G-2010.26
G-2012.26 ▶

1/2

Middeldorpf
G-2012.##



Hösel
25 cm/10"

1/2



60 x 20 mm
G-2100.62

1/4



80 x 30 mm
G-2100.83

1/4



100 x 30 mm
G-2101.03

1/4



120 x 30 mm
G-2101.23

1/4



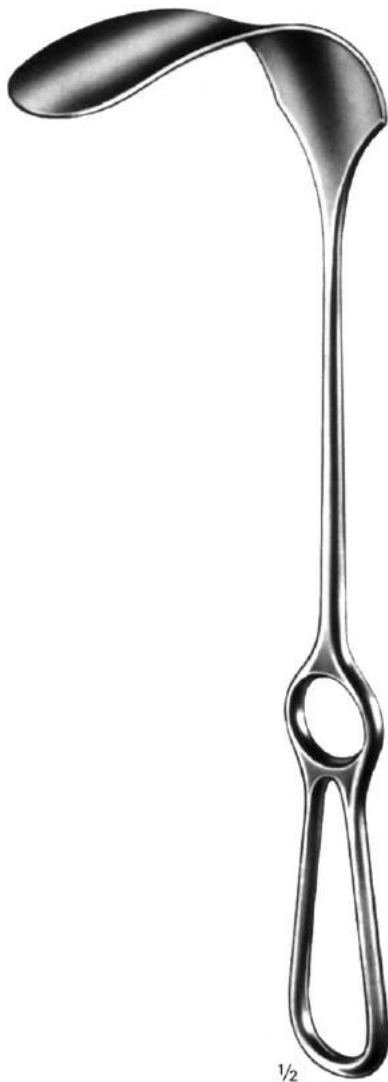
140 x 30 mm
G-2101.43

1/4



140 x 40 mm
G-2101.44

1/4



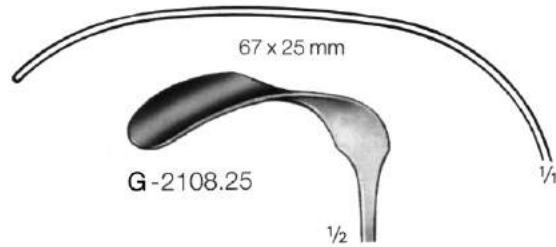
Kocher
28 cm/11"



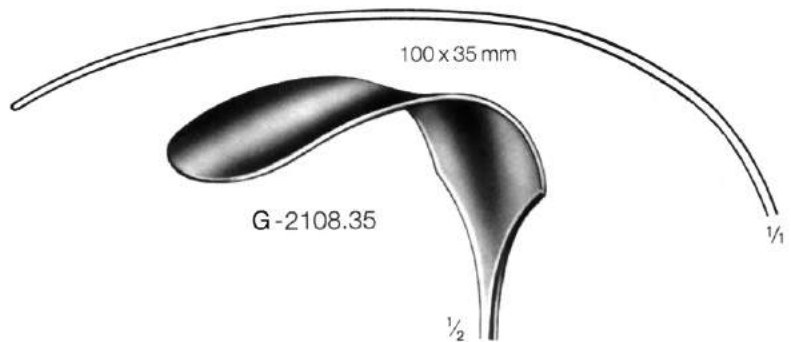
G-2108.15



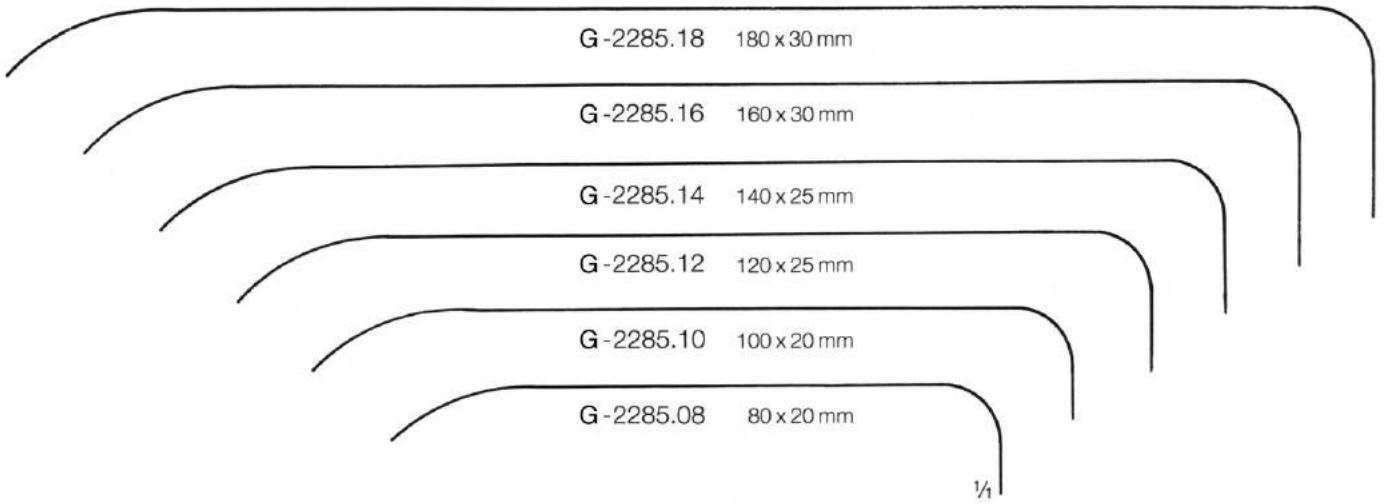
G-2108.20



G-2108.25



G-2108.35



Brunner
24 cm/9 1/2"
G -2274.25



Brunner
25 cm/10"

G-2286.18 180 x 30 mm

G-2286.16 160 x 30 mm

G-2286.14 140 x 30 mm

G-2286.13 130 x 30 mm

G-2286.12 120 x 25 mm

G-2286.10 100 x 25 mm

G-2286.08 80 x 20 mm



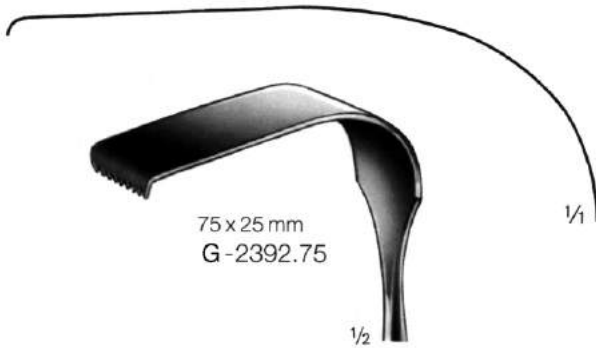
$\frac{1}{2}$

Brunner
 25 cm/10"

$\frac{1}{1}$



50 x 16 mm
G-2392.50

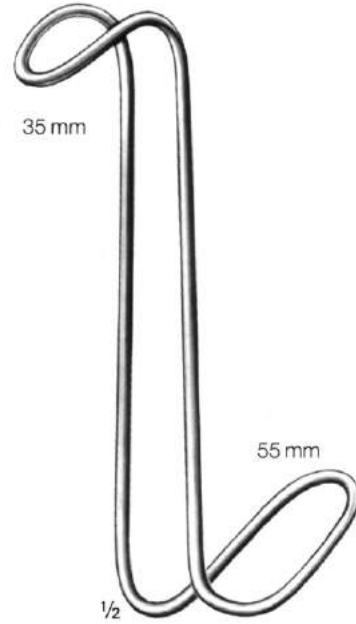


75 x 25 mm
G-2392.75



90 x 50 mm
G-2392.90

Meyering
22,5 cm/9"



35 mm

55 mm

1/2

Collin-Hartmann
16 cm/6 1/4"
G-2395.16



30 x 31 mm

1/4

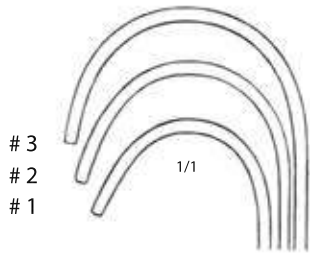
37 x 40 mm

1/4

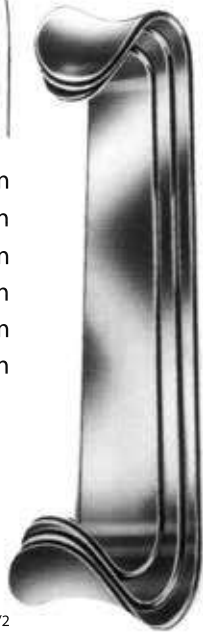
1/2

Goelet
19 cm/7 1/2"
G-2500.19

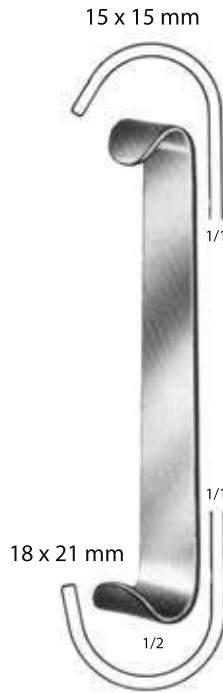
Double Ended Retractors Retractors Double Ended Los retractoros de dos extremos



- G-2516.01 #1 20 x 22 mm
25 x 28 mm
- G-2516.02 #2 23 x 26 mm
29 x 38 mm
- G-2516.03 #3 29 x 29 mm
34 x 44 mm



Set of 3
Roux
16.5 cm/6.5"
G-2516.00



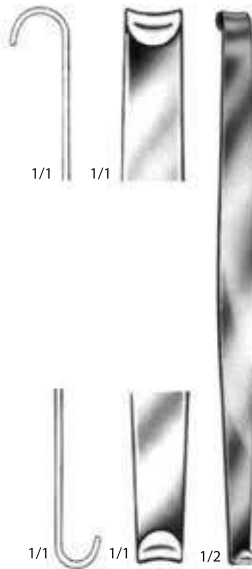
Baby-Roux
13 cm/5"
G-2516.13



Roux
16.5 cm/6.5"
G-2516.16



Roux
18.5 cm/7.25"
G-2516.18



Mini-Roux
15 cm/6"
G-2516.25



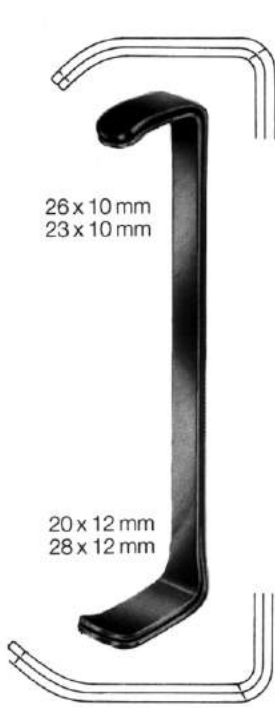
Roux-Magnus
15 cm/6"
G-2516.35



Roux-Magnus
16 cm/6.25"
G-2516.36



Roux-Magnus
17 cm/6.75"
G-2516.37

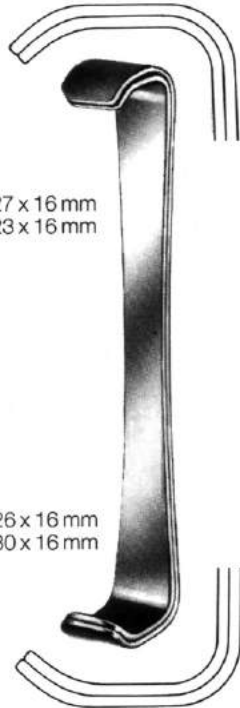


26 x 10 mm
23 x 10 mm

20 x 12 mm
28 x 12 mm

Farabeuf
Set

13 cm/5 1/8"
G - 2543.00

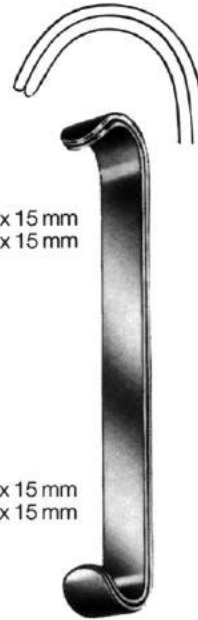


27 x 16 mm
23 x 16 mm

26 x 16 mm
30 x 16 mm

Farabeuf
Set

15 cm/6"
G - 2545.00



22 x 15 mm
19 x 15 mm

19 x 15 mm
22 x 15 mm

Parker
Set

13,5 cm/5 1/8"
G - 2563.00



27 x 25 mm
24 x 25 mm

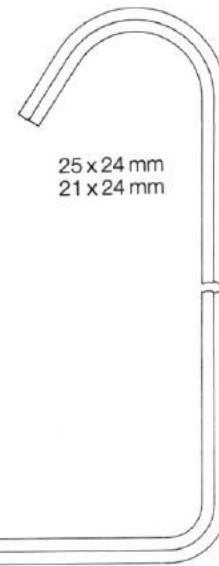
26 x 25 mm
29 x 25 mm

Parker
Set

18 cm/7"
G - 2568.00

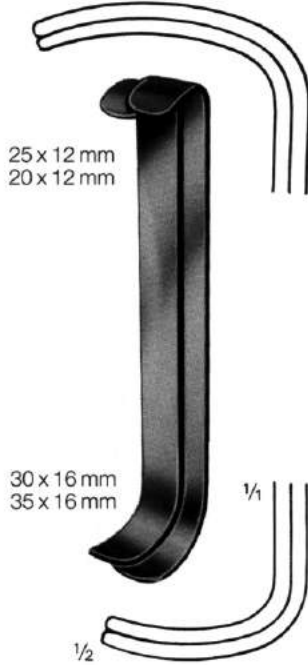


Parker-Mott
16 cm/6 1/4" Satz - Set
G - 2556.00



25 x 24 mm
21 x 24 mm

68 x 24 mm
74 x 24 mm



Collin

Set
16,5 cm/6 1/2"
G -2576.00



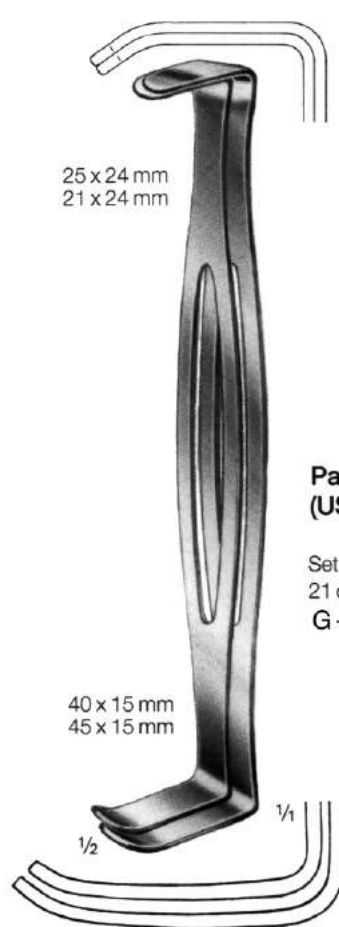
Mayo-Collins

Set
15 cm/6"
G -2585.00



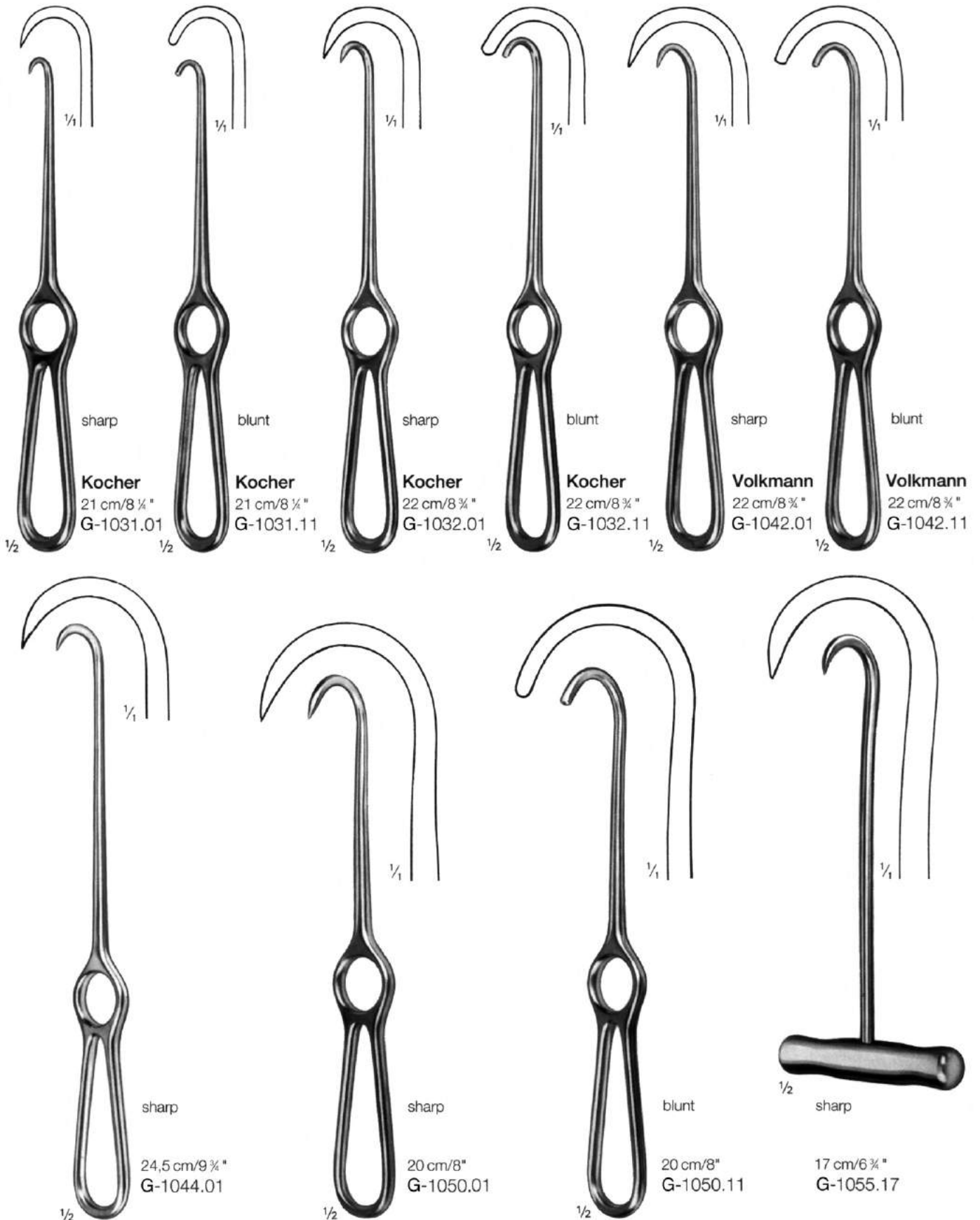
Mathieu

Set
19 cm/7 1/2"
G -2589.00

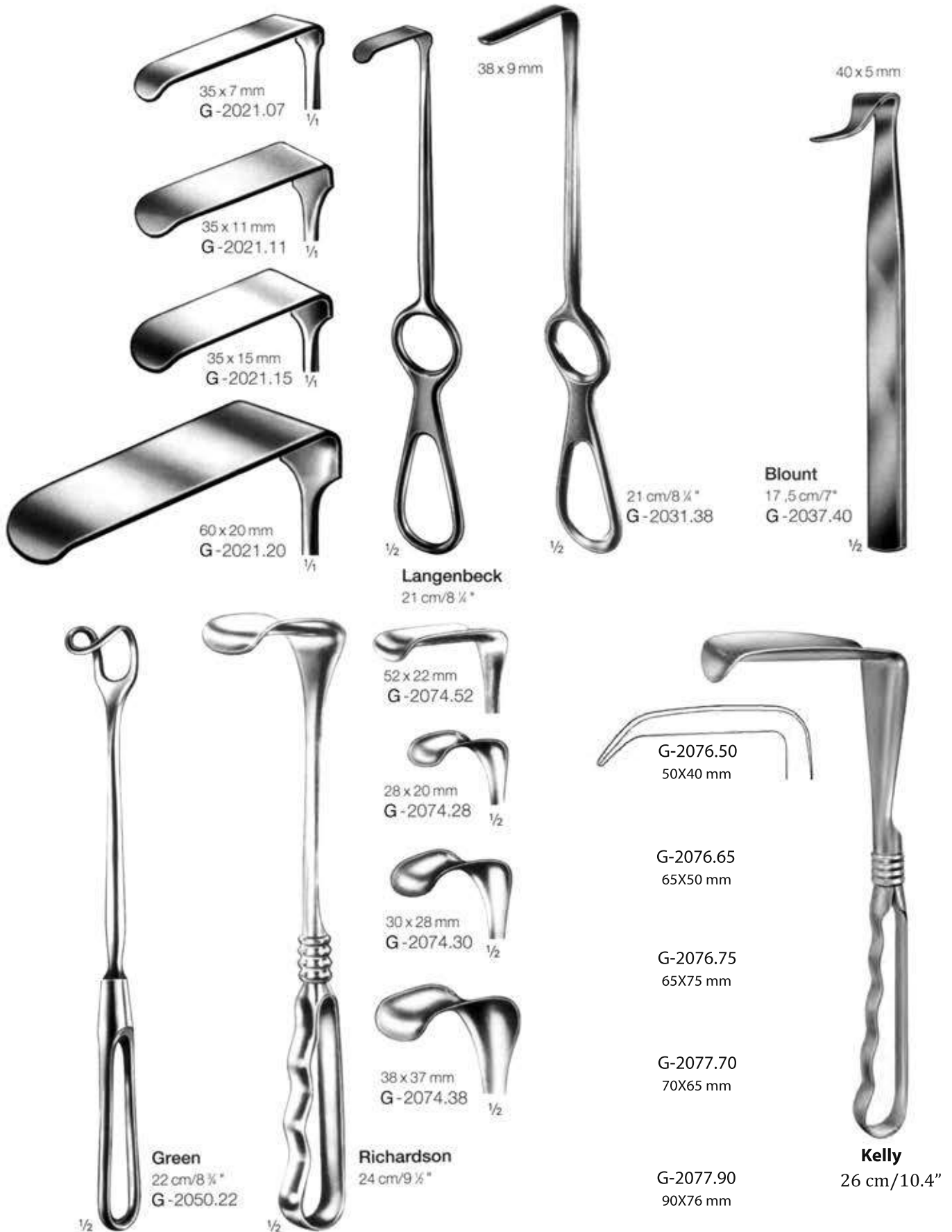


**Parker-Langenbeck
(US Army)**

Set
21 cm/8 1/4"
G -2591.00



Wound and knee retractors
Ecarteurs et écarteurs pour genou
Separadores y separadores para rodilla









19 mm

Fig. 000
Deaver
 18 cm/7"
 G-2240.01



22 mm

Fig. 00
Deaver
 21.5 cm/8.5"
 G-2240.02



25 mm

Fig. 0
Deaver
 23 cm/9"
 G-2240.03



25 mm

Fig. 1
Deaver
 30 cm/12"
 G-2240.04



25 mm

Fig. 2
Deaver
 33 cm/13"
 G-2240.05



25 mm

Fig. 2.5
Deaver
 36 cm/14"
 G-2240.06

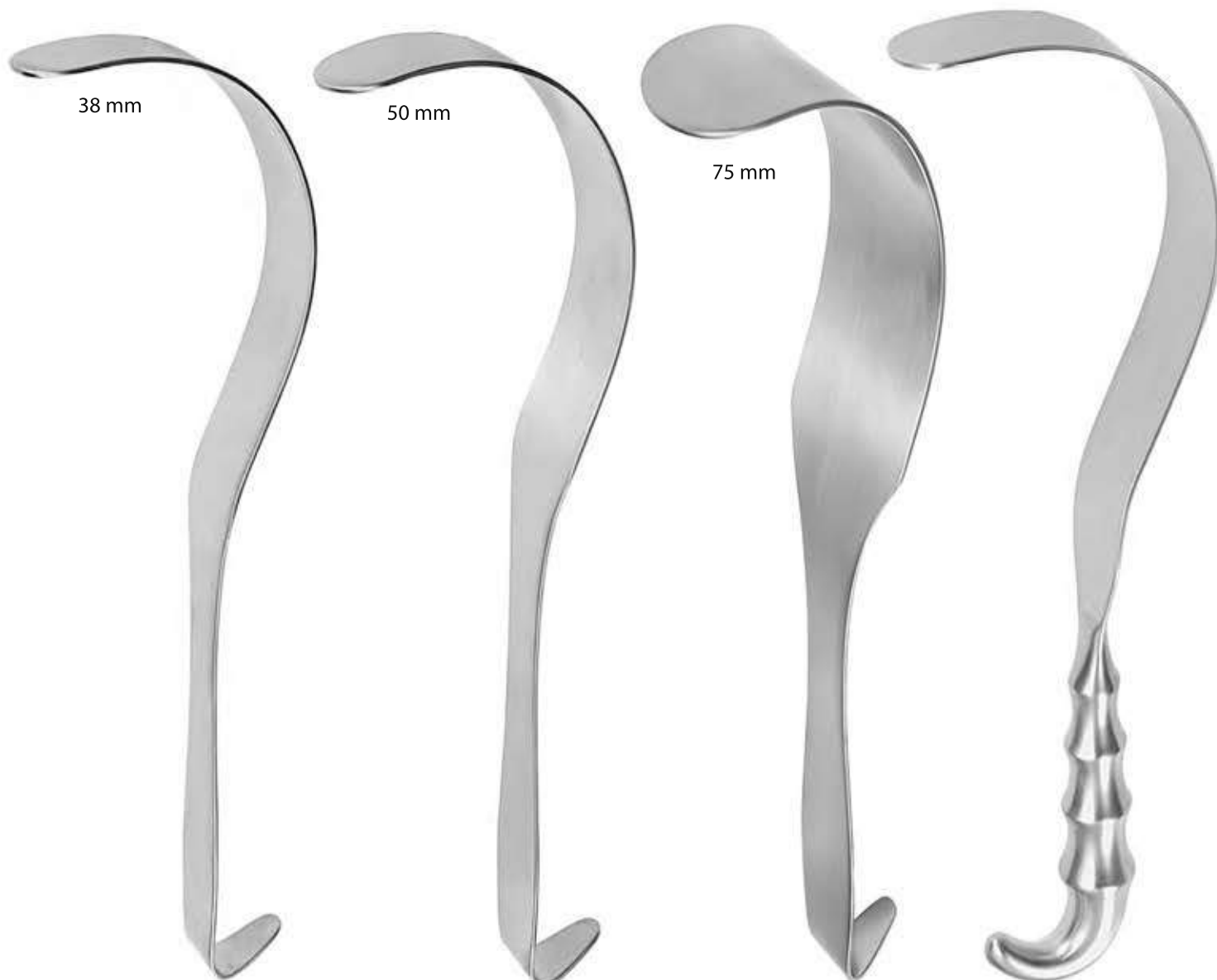
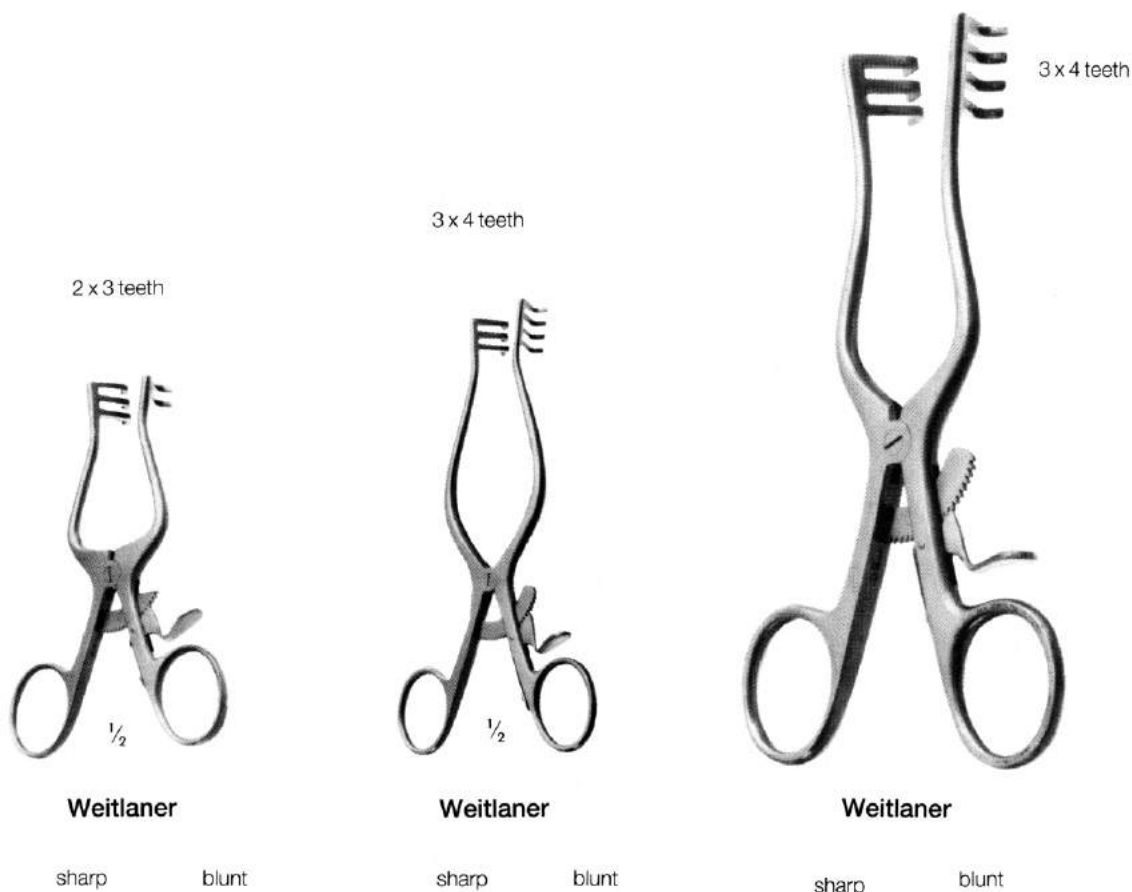
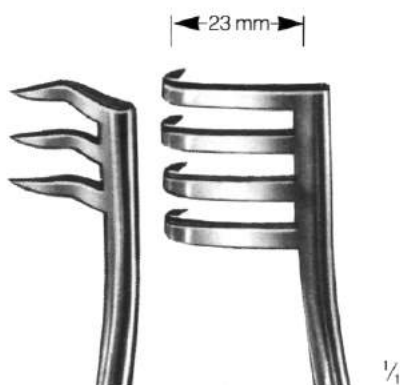


Fig. 3	Fig. 4	Fig. 5		Deaver Grip
G-2240.07	G-2240.08	G-2240.09	30 cm/12"	30 cm/12"
	Deaver		mm	
			25	G-2241.25
			38	G-2241.38
			50	G-2241.50
			75	G-2241.75
			100	G-2242.10



cm	inch				
10,5	4 ¼	G-5211.23	G-5211.43		
13	5			G-5213.34	G-5213.44
16,5	6 ½				G-5216.34 G-5216.44
20	8				G-5220.34 G-5220.44

3 x 4 teeth, sharp



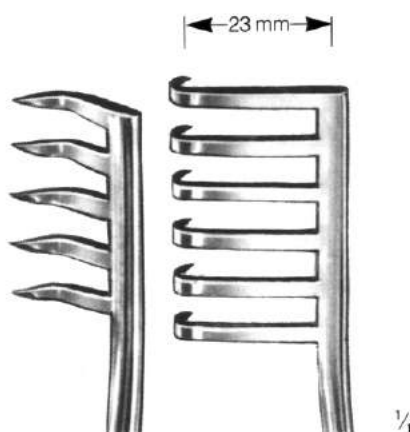
G-5224.34

3 x 4 teeth, blunt



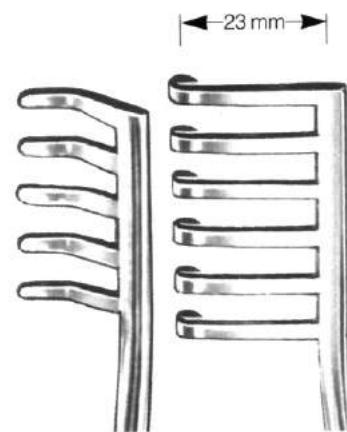
G-5224.44

5 x 6 teeth, sharp

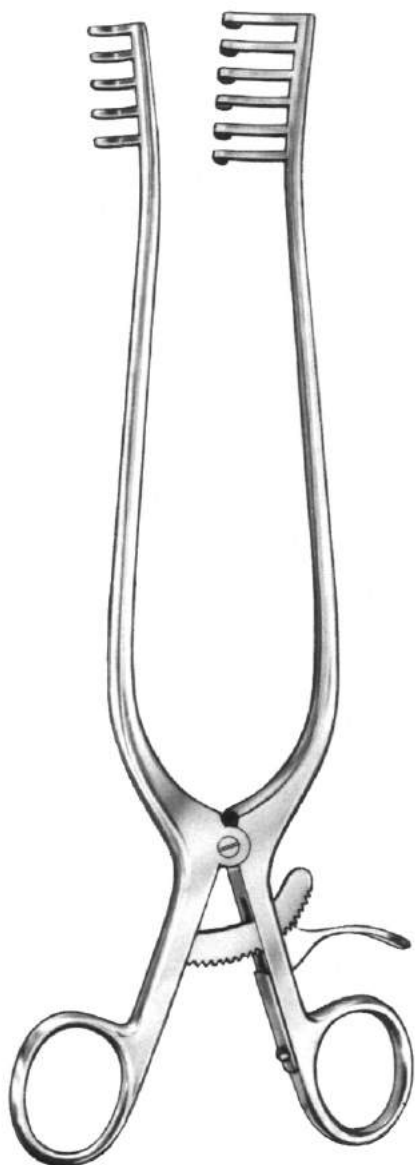


G-5224.56

5 x 6 teeth, blunt



G-5224.76



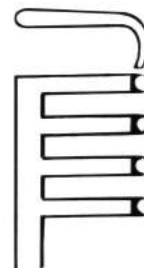
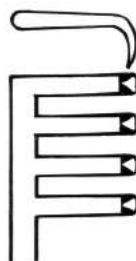
Weitlaner

24 cm/9 1/2"

sharp

3 x 4 teeth

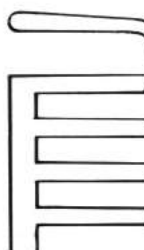
blunt



G-5263.34 **Adson-Baby (Cone)** G-5263.44
(Beckmann-Weitlaner)
 13 cm/5"



G-5266.34 **Adson-Baby (Cone)** G-5266.44
(Beckmann-Weitlaner)
 16 cm/6 1/2"

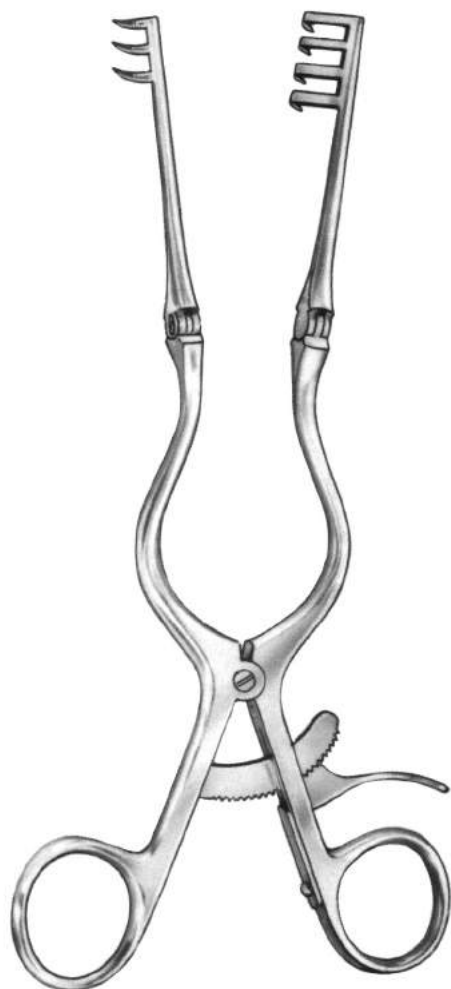


G-5270.34 **Adson-Baby (Cone)** G-5270.44
(Beckmann-Weitlaner)
 20 cm/8"



G-5274.34 **Adson**
 24 cm/9 1/2"

G-5274.44

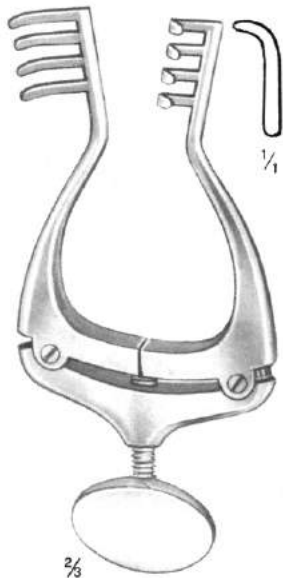


4 x 4 teeth sharp



Jansen
 10 cm/4"
 G-5310.11

4 x 4 teeth blunt



Jansen
 10 cm/4"
 G-5311.11

3 x 3 teeth sharp



Jansen
 10,5 cm/4 1/4"
 G-5312.11

3 x 3 teeth blunt



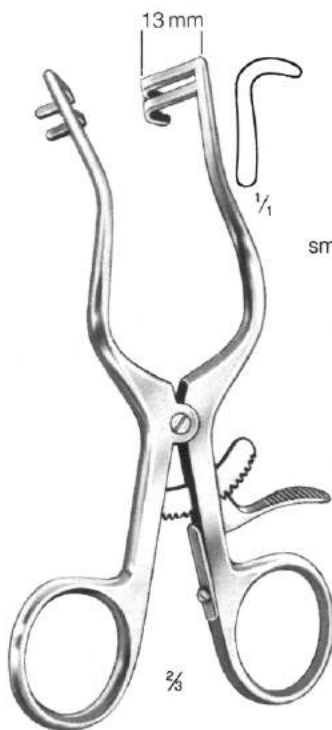
Jansen
 10,5 cm/4 1/4"
 G-5313.11

sharp



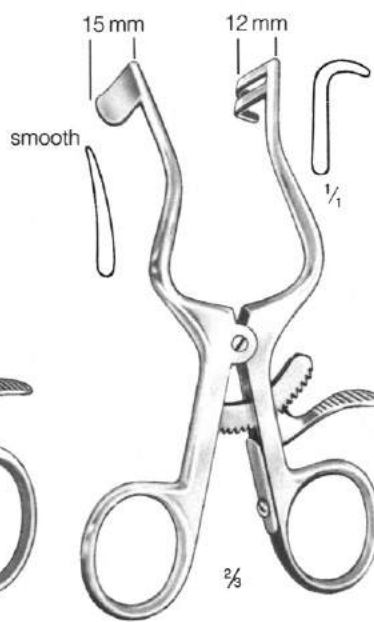
Plester
 13 cm/5"
 G-5363.22

blunt



Plester
 13 cm/5"
 G-5363.32

blunt

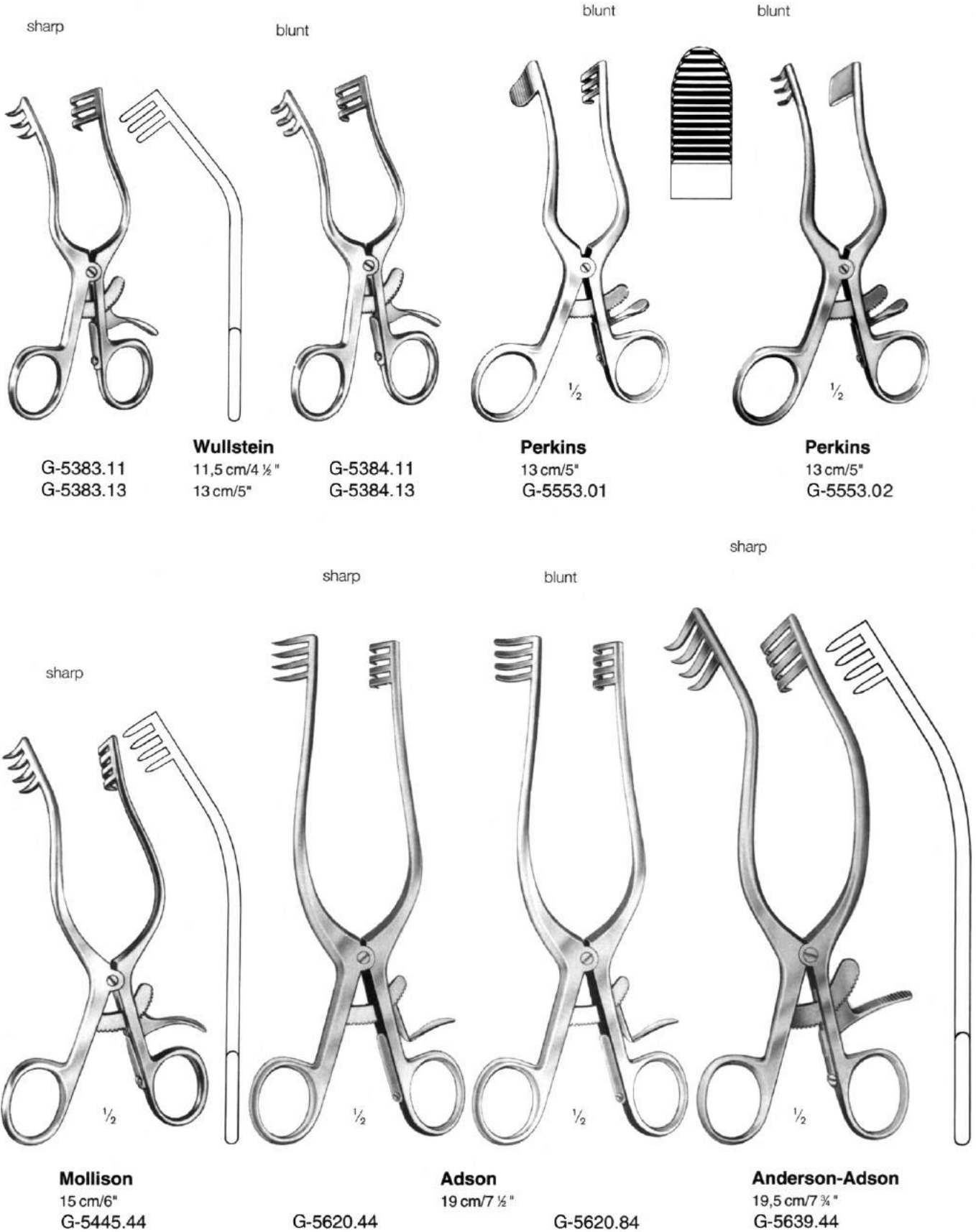


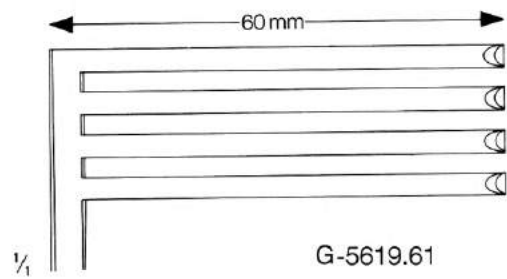
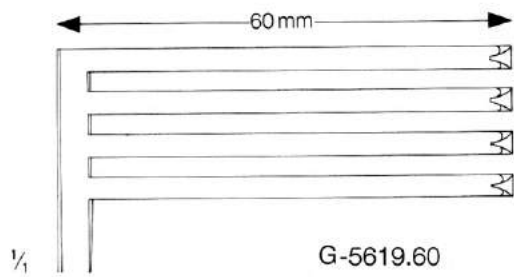
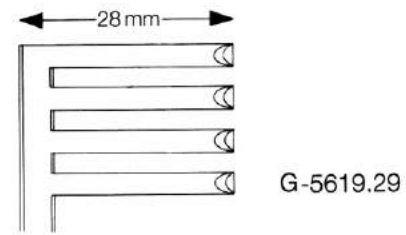
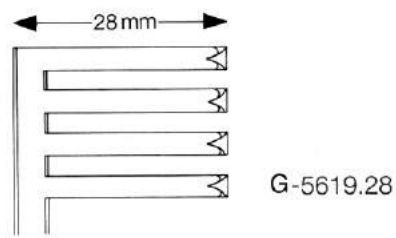
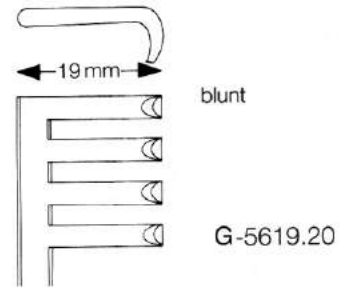
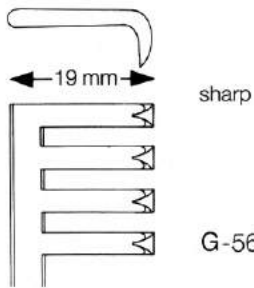
Plester
 11 cm/4 1/4"
 G-5371.02

blunt



Plester
 11 cm/4 1/4"
 G-5371.01

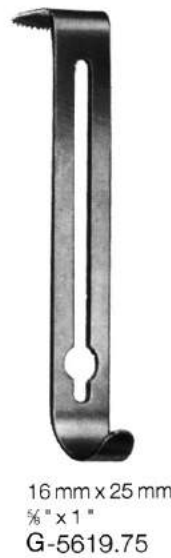
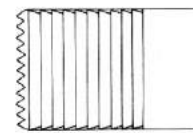
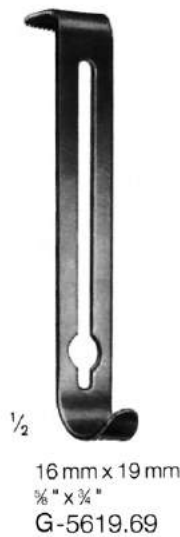
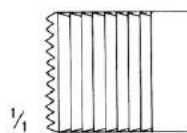


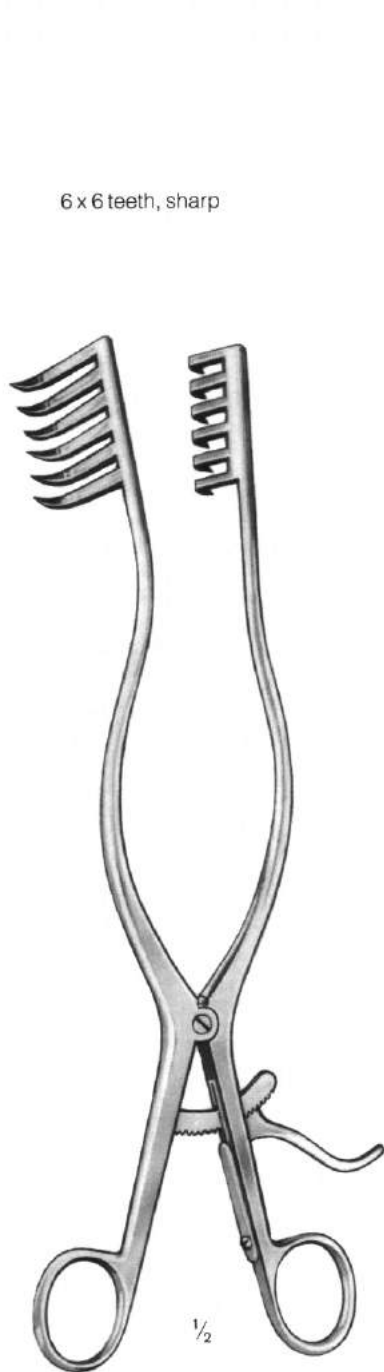


3 x 4 teeth



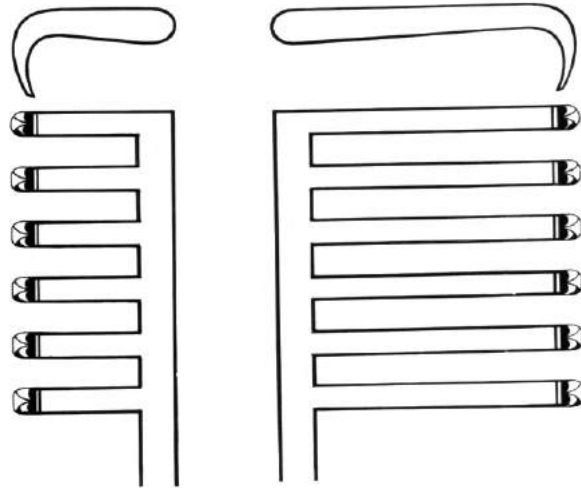
Henly
 16,5 cm / 6 1/2"



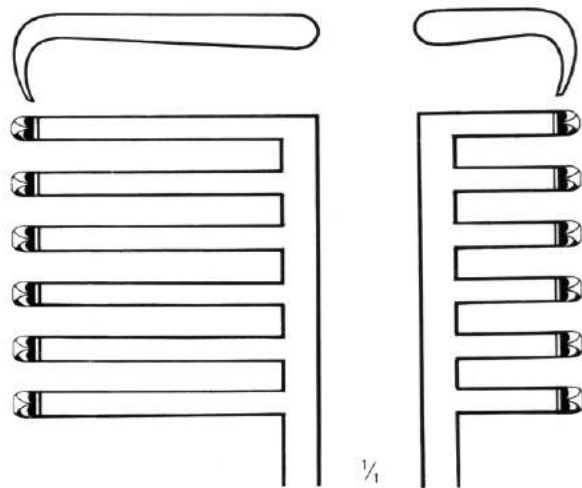


6 x 6 teeth, sharp

Adson
 27 cm/10 3/4"



G-5667.01

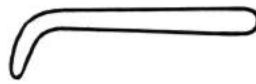


G-5667.02

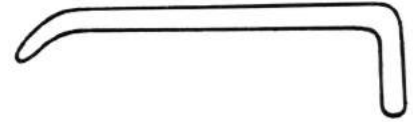
Self - retaining laminectomy retractors
Ecarteurs autostatiques pour laminectomie
Separadores autostáticos para laminectomía



4 x 4 teeth, sharp



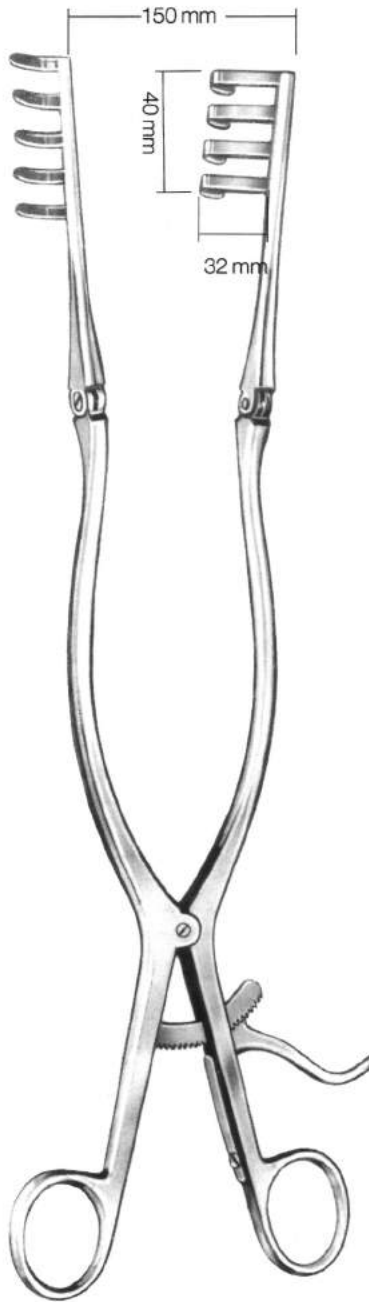
4 x 5 teeth, blunt



7 x 7 teeth, sharp



Beckmann
 30,5 cm/12"
 G-5681.44



Adson
 33 cm/13"
 G-5693.45



Beckmann-Eaton
 32 cm/12 1/2"
 G-5702.77



Beckman-Adson
 30,5 cm/12"

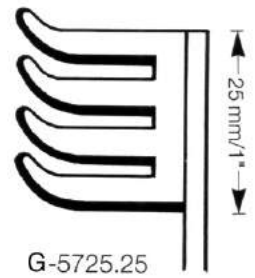
sharp

blunt

← 25 mm/1" →



← 25 mm/1" →



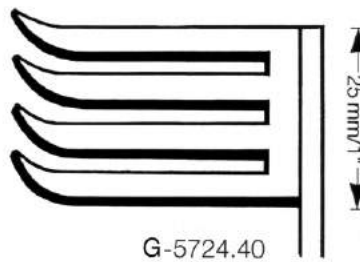
← 32 mm/1 ¼" →



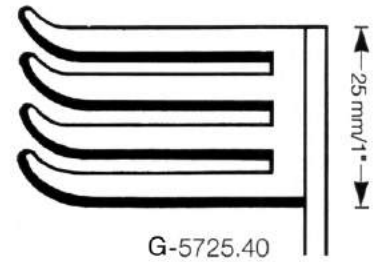
← 32 mm/1 ¼" →



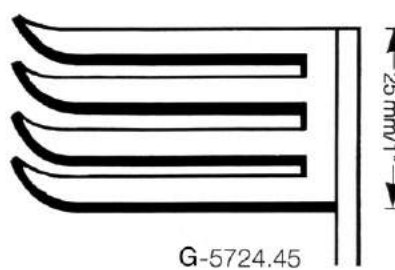
← 40 mm/1 ½" →



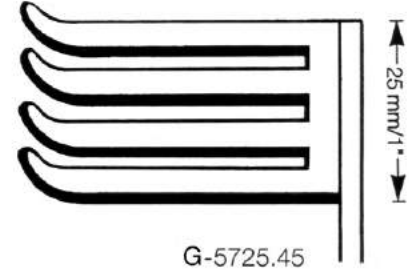
← 40 mm/1 ½" →



← 45 mm/1 ¾" →



← 45 mm/1 ¾" →



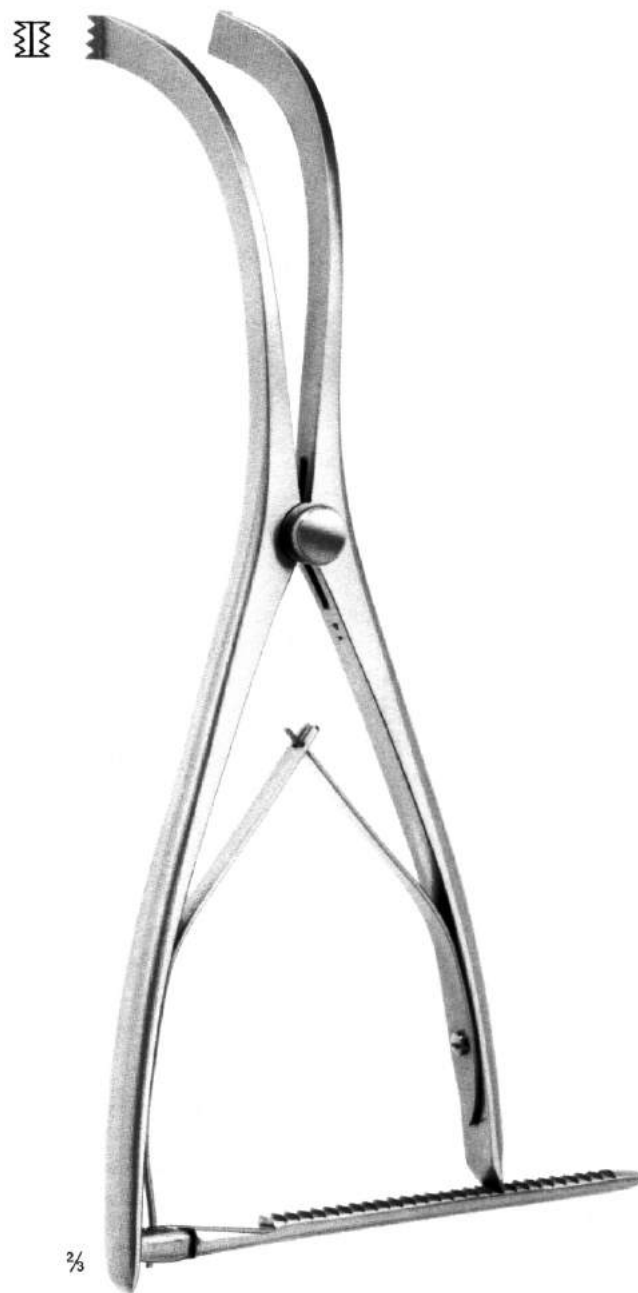


Inge (Baby-Inge)

16 cm/6 ¼"

G-5800.16

Blade opening 38 mm/ 1 ½"

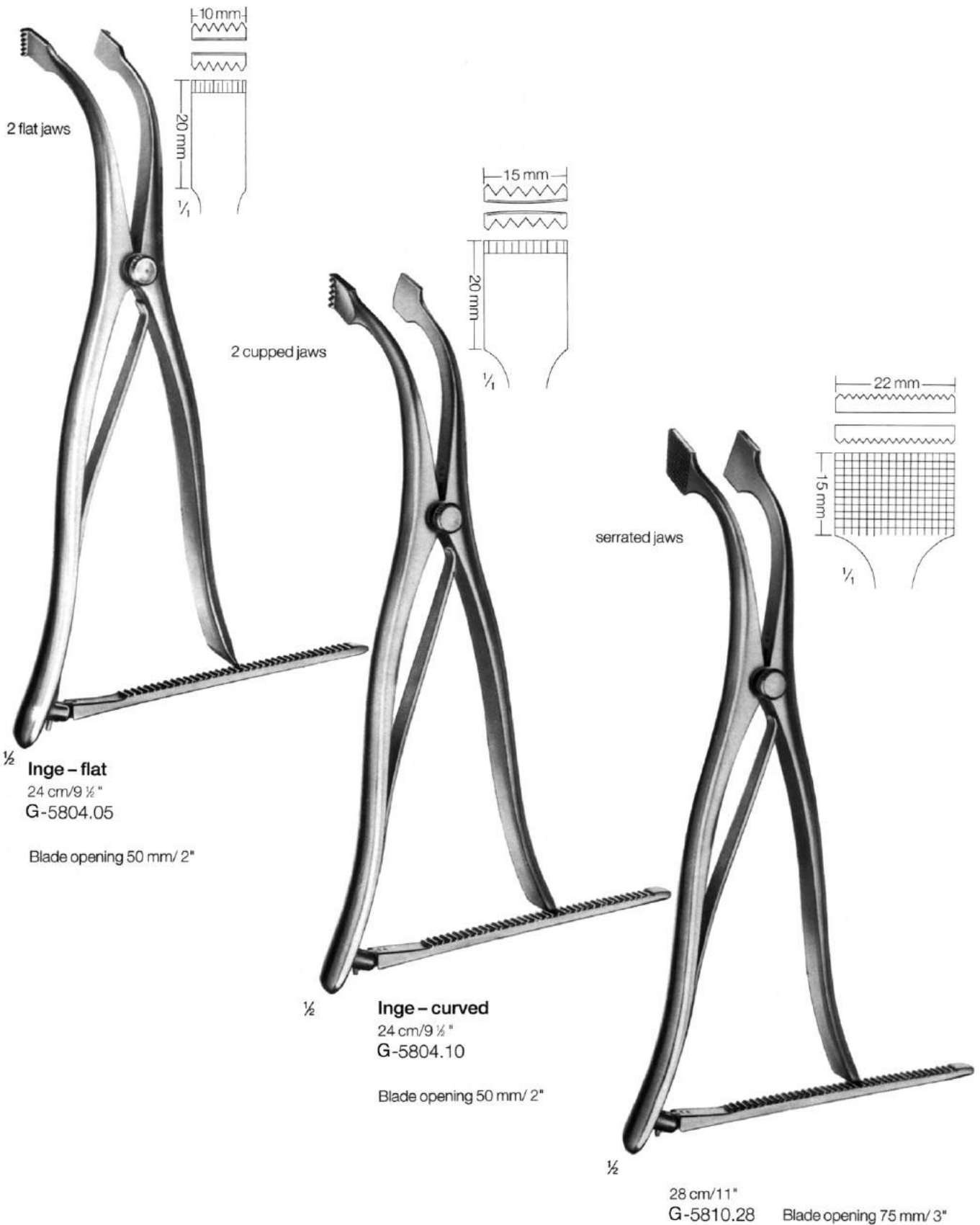


Inge

24 cm/9 ½"

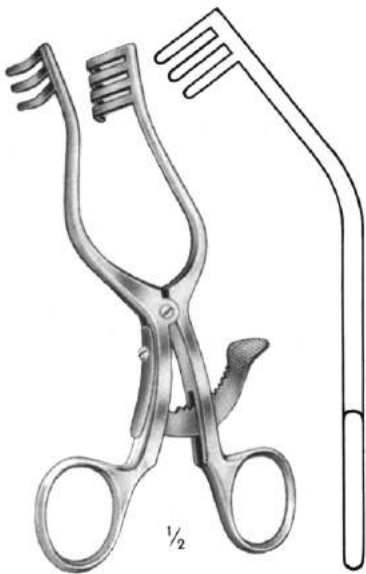
G-5802.24

Blade opening 50 mm/ 2"

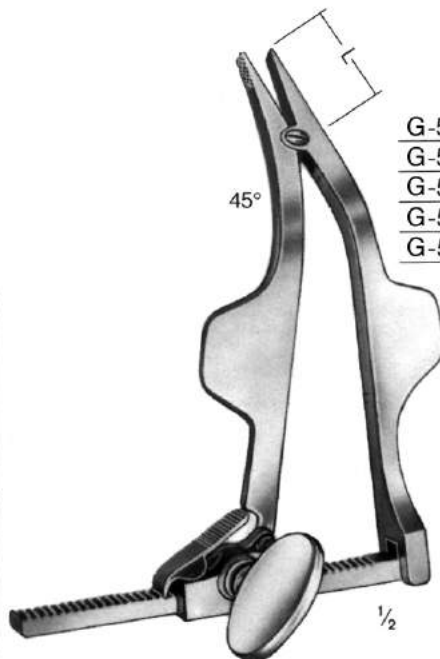


Self - retaining laminectomy retractors
Ecarteurs autostatiques pour laminectomie
Separadores autostáticos para laminectomía

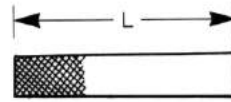
3 x 4 teeth, blunt



Contour
 14 cm/5 1/2"
 G-5824.64



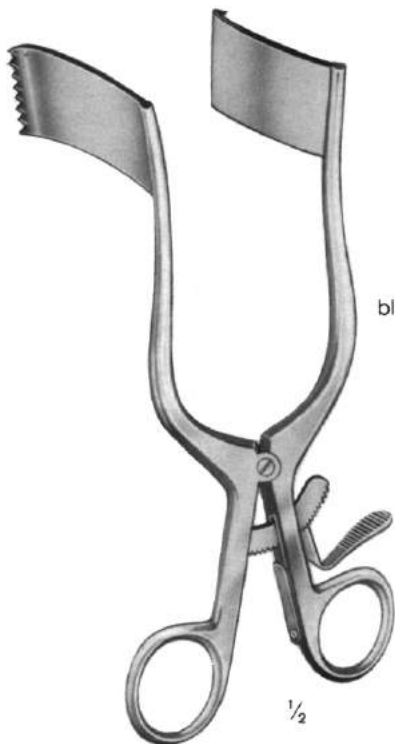
Cloward
 15 cm/6"
 G-5874.30 - G-5875.10



L/mm	
G-5874.30	30
G-5874.50	50
G-5874.70	70
G-5874.90	90
G-5875.10	110



Cloward
 17 cm/6 3/4"
 G-5876.30 - 10-5877.10

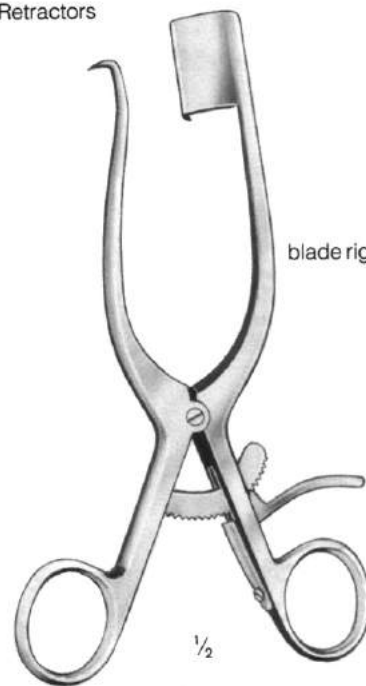


Meyerding
 20 cm/8"
 G-5848.32 32 x 25 mm, 1 1/4" x 1"
 G-5848.54 54 x 25 mm, 2 1/8" x 1"
 G-5848.60 60 x 25 mm, 2 3/8" x 1"
 G-5848.61 60 x 19 mm, 2 3/8" x 3/4"



Markham-Meyerding
 18 cm/7"
 G-5854.18

Hemilaminectomy Retractors



Markham-Meyerding
 18 cm/7"
 G-5855.18

blade opening 125 mm



Cloward-Hoen

23 cm/9"
 G-5911.05

complete with 5 blunt blades

G-5911.00

Retractor without blades

blade opening 114 mm

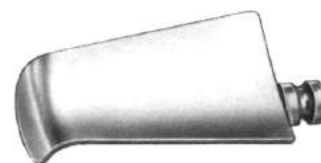


Cloward

25 cm/10"
 G-5912.05

G-5912.00

Retractor without blades



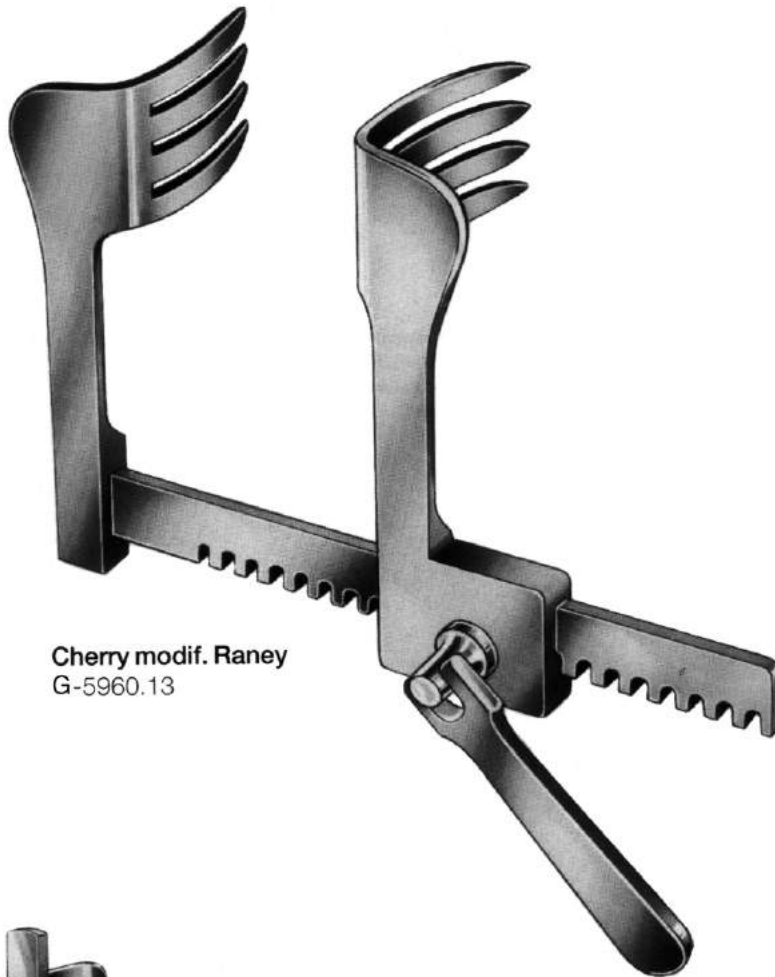
- G-5910.40 = 40 mm
- G-5910.45 = 45 mm
- G-5910.50 = 50 mm
- G-5910.55 = 55 mm
- G-5910.60 = 60 mm

G-5910.95
 set of 5 blunt blades
 # G-5910.40 – 10-5910.60

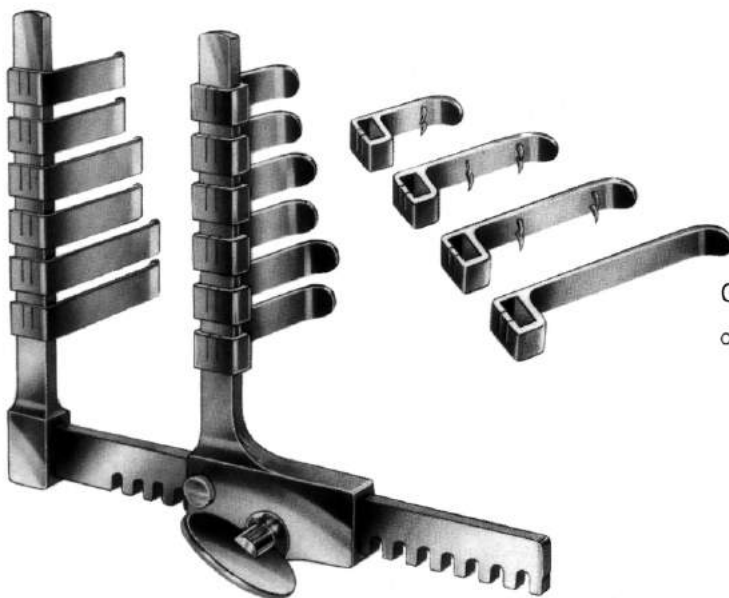
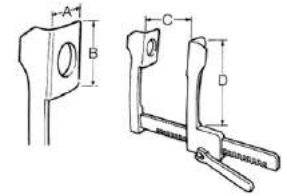


- G-5912.40 = 40 mm
- G-5912.45 = 45 mm
- G-5912.50 = 50 mm
- G-5912.55 = 55 mm
- G-5912.60 = 60 mm

G-5912.95
 set of 5 toothed blades
 # G-5912.40 – 10-5912.60



Cherry modif. Raney
 G-5960.13



G-5965.12
 complete with 4 ea blades

- # G-5965.40
- # G-5965.50
- # G-5965.65

Blades only

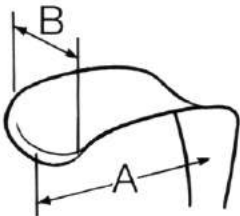
		mm	30	40	50	65	75
Retractor without blades	plain	12	G-5965.30	G-5965.40	G-5965.50	G-5965.65	G-5965.75
		20	G-5966.30	G-5966.40	G-5966.50	G-5966.65	G-5966.75
G-5965.00	with teeth	12		G-5967.40	G-5967.50	G-5967.65	
		20		G-5968.40	G-5968.50	G-5968.65	



Scoville
G-5972.00
Frame only



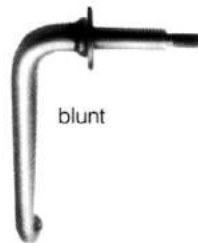
Scoville-Haverfield
G-5975.00
Frame only



sharp

Scoville

- G-5983.00 50 mm, 2"
- G-5983.05 60 mm, 2 ¼"
- G-5983.10 70 mm, 2 ¾"
- G-5983.20 75 mm, 3"



blunt

Scoville

- G-5983.25 50 mm, 2"
- G-5983.27 60 mm, 2 ¼"
- G-5983.30 70 mm, 2 ¾"
- G-5983.35 75 mm, 3"



with stop

Scoville

- G-5986.00 38 mm, 1 ½"
- G-5986.10 50 mm, 2"
- G-5986.20 70 mm, 2 ¾"
- G-5986.30 75 mm, 3"



Scoville

- | | A | B |
|-----------|-------------|-------------|
| G-5984.70 | 41 mm, 1 ½" | 38 mm, 1 ½" |
| G-5984.80 | 67 mm, 2 ¾" | 44 mm, 1 ¾" |



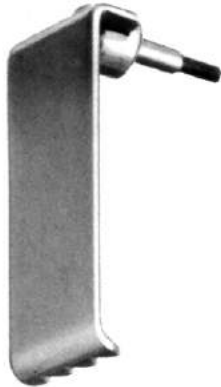
Taylor

- | | A | B |
|-----------|-------------|-------------|
| G-5987.90 | 25 mm, 1" | 41 mm, 1 ½" |
| G-5988.00 | 44 mm, 1 ¾" | 38 mm, 1 ½" |
| G-5988.10 | 50 mm, 2" | 41 mm, 1 ½" |

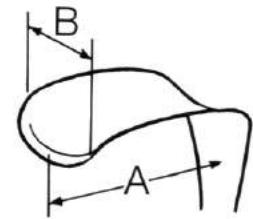


Taylor

- | | A | B |
|-----------|-------------|-------------|
| G-5984.40 | 48 mm, 1 ¾" | 50 mm, 2" |
| G-5984.45 | 64 mm, 2 ½" | 50 mm, 2" |
| G-5984.50 | 64 mm, 2 ½" | 64 mm, 2 ½" |
| G-5984.60 | 80 mm, 3 ¼" | 57 mm, 2 ¼" |



Scoville	A	B
G-5983.60	50 mm, 2"	25 mm, 1"
G-5983.70	50 mm, 2"	50 mm, 2"
G-5983.80	57 mm, 2 ¼"	25 mm, 1"
G-5983.90	57 mm, 2 ¼"	38 mm, 1 ½"
G-5984.00	64 mm, 2 ½"	25 mm, 1"
G-5984.06	64 mm, 2 ½"	29 mm, 1 ⅙"
G-5984.10	64 mm, 2 ½"	50 mm, 2"
G-5984.20	67 mm, 2 ¾"	28 mm, 1 ⅙"
G-5984.22	67 mm, 2 ¾"	30 mm, 1 ⅜"
G-5984.24	75 mm, 3"	25 mm, 1"
G-5984.26	75 mm, 3"	50 mm, 2"
G-5984.30	88 mm, 3 ½"	25 mm, 1"
G-5984.32	100 mm, 4"	50 mm, 2"



Taylor	A	B
G-5987.00	75 mm, 3"	32 mm, 1 ¼"
G-5987.50	100 mm, 2 ¾"	42 mm, 1 ½"



Meyerding	A	B
G-5985.00	50 mm, 2"	25 mm, 1"
G-5985.20	70 mm, 2 ¾"	25 mm, 1"
G-5985.40	83 mm, 3 ¼"	25 mm, 1"



Hibbs	A	B
G-5989.00	50 mm, 2"	19 mm, ¾"
G-5989.05	50 mm, 2"	25 mm, 1"
G-5989.10	50 mm, 2"	50 mm, 2"
G-5989.15	64 mm, 2 ½"	25 mm, 1"
G-5989.20	64 mm, 2 ½"	38 mm, 1 ½"
G-5989.25	75 mm, 3"	25 mm, 1"
G-5989.30	75 mm, 3"	38 mm, 1 ½"
G-5989.35	75 mm, 3"	50 mm, 2"
G-5989.40	75 mm, 3"	64 mm, 2 ½"
G-5989.45	88 mm, 3 ½"	25 mm, 1"
G-5989.50	88 mm, 3 ½"	38 mm, 1 ½"
G-5989.55	100 mm, 4"	25 mm, 1"
G-5989.60	100 mm, 4"	50 mm, 2"



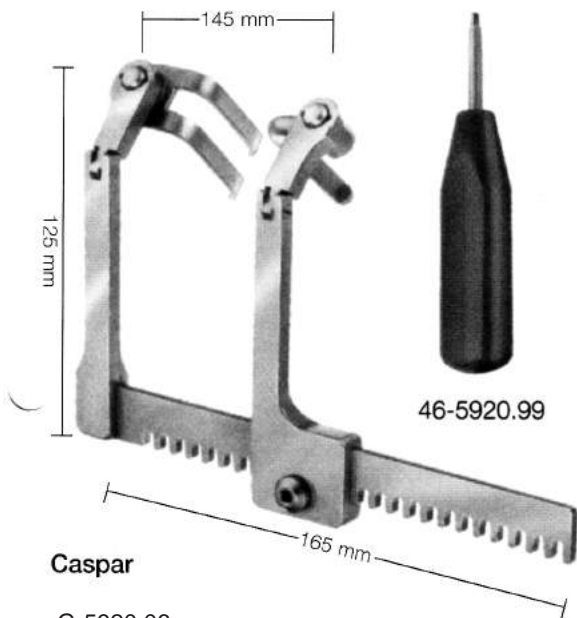
G-5921.38
Hook 38 mm



G-5921.58
Hook 58 mm



	A	B
G-5922.32	32 x 22 mm	
G-5922.37	37 x 22 mm	
G-5922.43	43 x 22 mm	
G-5922.47	47 x 22 mm	
G-5922.52	52 x 22 mm	
G-5922.57	57 x 22 mm	
G-5922.62	62 x 22 mm	
G-5922.67	67 x 22 mm	



Caspar

G-5920.06

Retractor complete, consisting of:

G-5920.00 Retractor only

G-5920.99

G-5921.38

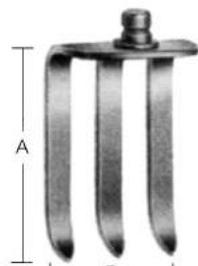
G-5922.37

G-5922.43

G-5922.47

G-5922.52

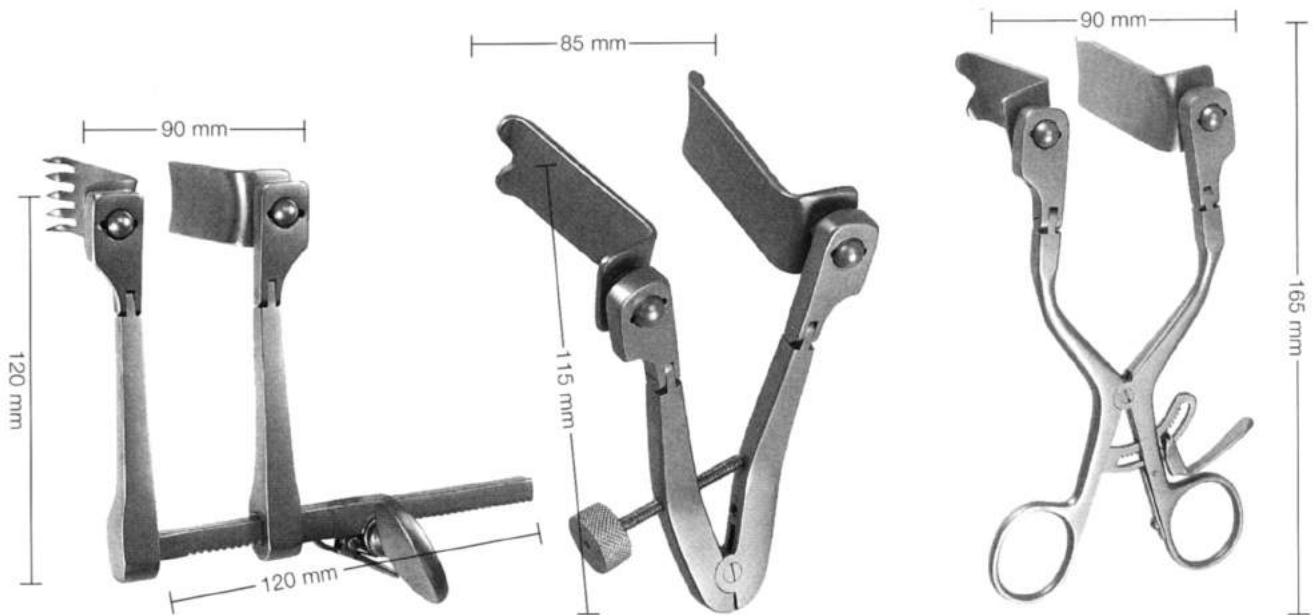
G-5922.57



	A	B
G-5923.32	32 x 37 mm	
G-5923.37	37 x 37 mm	
G-5923.43	43 x 37 mm	
G-5923.47	47 x 37 mm	
G-5923.52	52 x 37 mm	
G-5923.57	57 x 37 mm	
G-5923.62	62 x 37 mm	
G-5923.67	67 x 37 mm	



	A	B
G-5924.32	32 x 52 mm	
G-5924.37	37 x 52 mm	
G-5924.43	43 x 52 mm	
G-5924.47	47 x 52 mm	
G-5924.52	52 x 52 mm	
G-5924.57	57 x 52 mm	
G-5924.62	62 x 52 mm	
G-5924.67	67 x 52 mm	



Caspar

G-5931.10
 Retractor, adjustable, consisting of:
 G-5931.00 Retractor only
 G-5932.40 – G-5932.60 medial blades
 G-5933.40 – G-5933.60 lateral blades

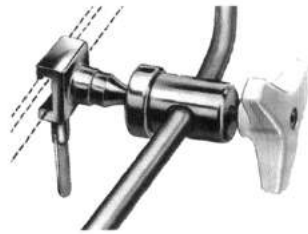
Caspar

G-5952.05
 Retractor (speculum pattern),
 G-5952.00 Retractor only
 G-5934.45 – G-5934.65

Caspar

G-5953.05
 Counter Retractor,
 G-5953.00 Retractor only

LEYLA



Ball- and Socket Joint,
G-5960.44



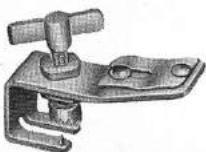
G-5960.22
Holding Rod,
head



Coupling Head,
to take 1-5 flexible arms
G-5960.33



G-5960.11
Flexible arm only,
for attaching coupling heads



G-5960.01
Fixation Base, for skull mounting,
holding 1 flexible arm

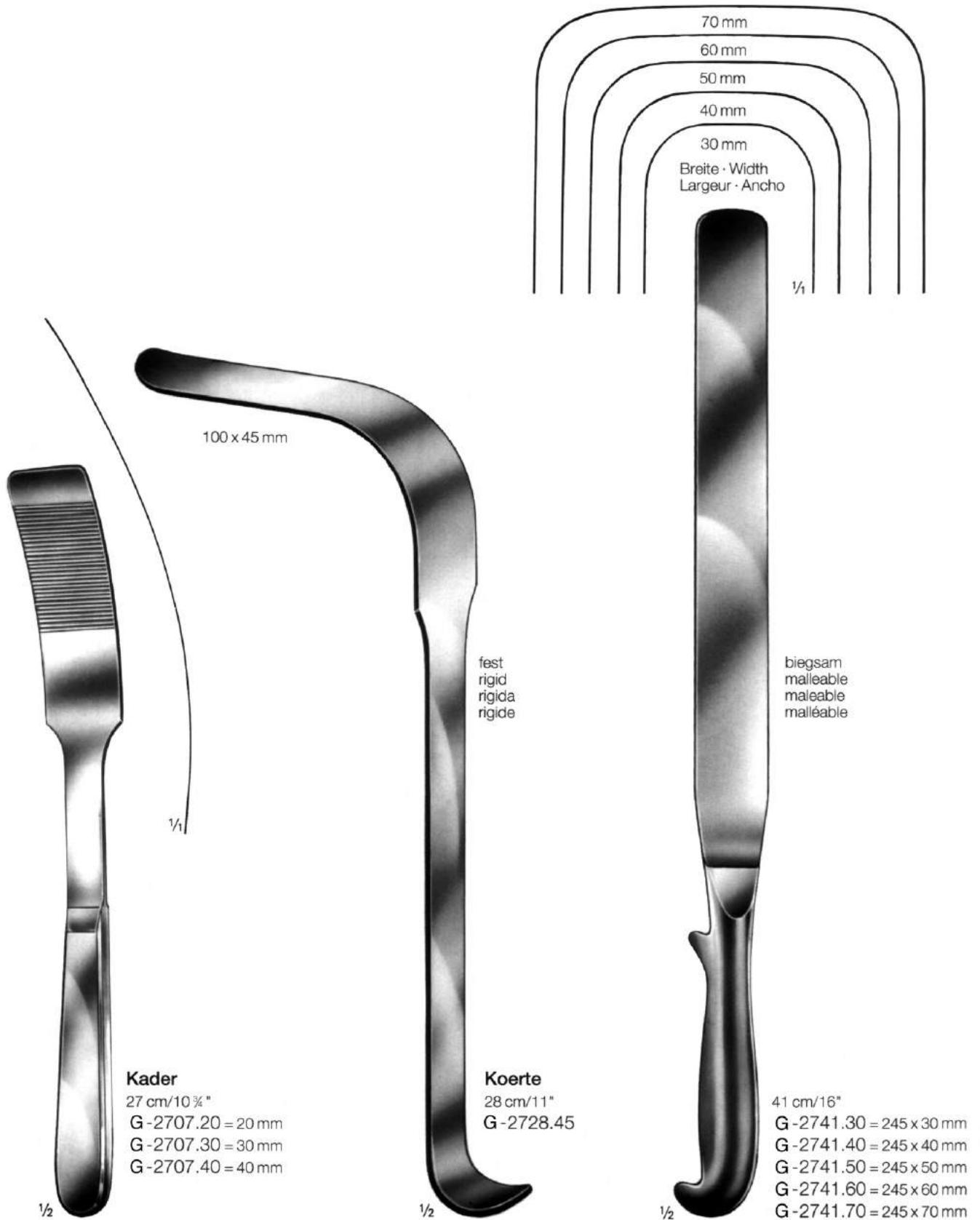


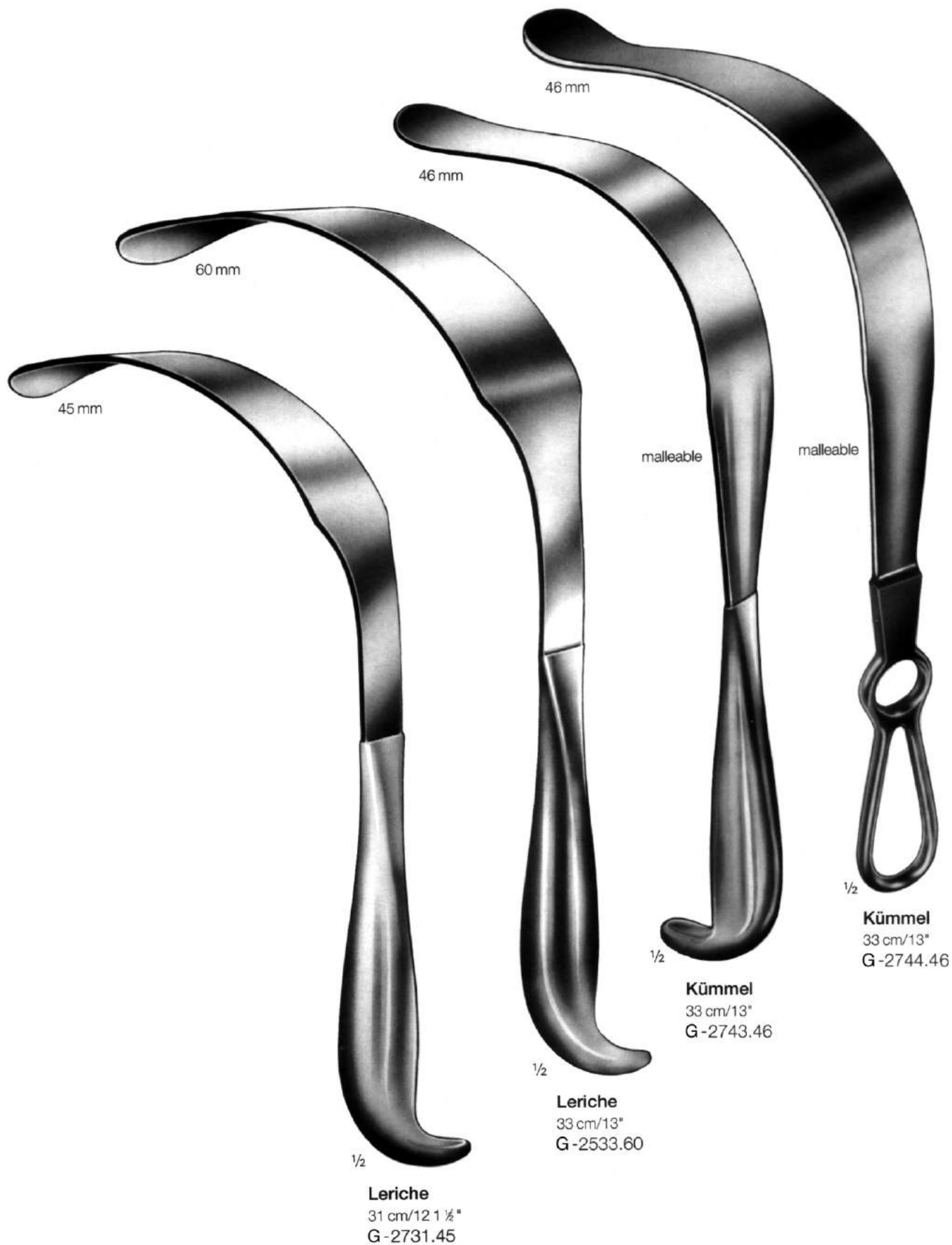
G-5960.02
Fixation Base, for skull mounting,
holding 2 flexible arms

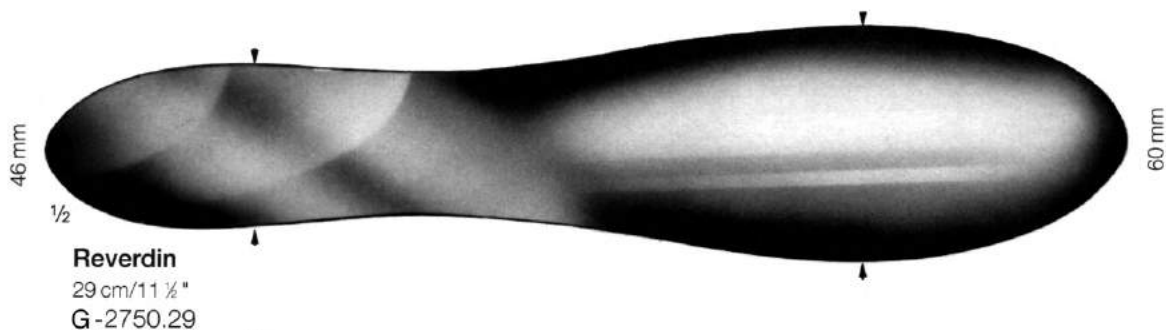


G-5960.03
Fixation Base, for mounting to bars up to
16 mm diam., holding 1 flexible arm

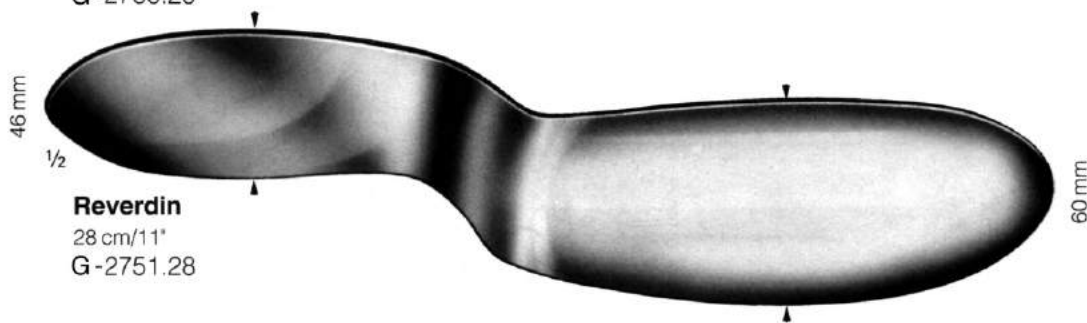
Abdominal and intestinal spatulas
Ecarteurs intra-abdominaux-ecarteurs à intestin
Espátulas abdominales y espátulas intestinales







Reverdin
29 cm/11 1/4"
G-2750.29



Reverdin
28 cm/11"
G-2751.28



G-2763.20 = 330 x 20 mm
G-2763.25 = 330 x 25 mm
G-2763.30 = 330 x 30 mm
G-2763.40 = 330 x 40 mm
G-2763.50 = 330 x 50 mm
33 cm/13"
malleable



Haberer
G-2766.28 28 cm/11" 25/30 mm
G-2766.30 30 cm/12" 37/45 mm
G-2766.31 30 cm/12" 40/50 mm
malleable



Tuffier
20 cm/8" malleable
G-2768.20



G-2780.06 = 200 x 6 mm
G-2780.08 = 200 x 8 mm
G-2780.10 = 200 x 10 mm
G-2780.12 = 200 x 12 mm
G-2780.17 = 200 x 17 mm
G-2780.20 = 200 x 20 mm
G-2780.25 = 200 x 25 mm
G-2782.25 = 250 x 25 mm
malleable







$\frac{1}{2}$
Mikulicz
 26 cm/10 $\frac{1}{4}$ "
 G - 2360.85

$\frac{1}{2}$
Mikulicz
 26 cm/10 $\frac{1}{4}$ "
 G - 2361.20 = 120 x 50 mm
 G - 2361.55 = 155 x 50 mm



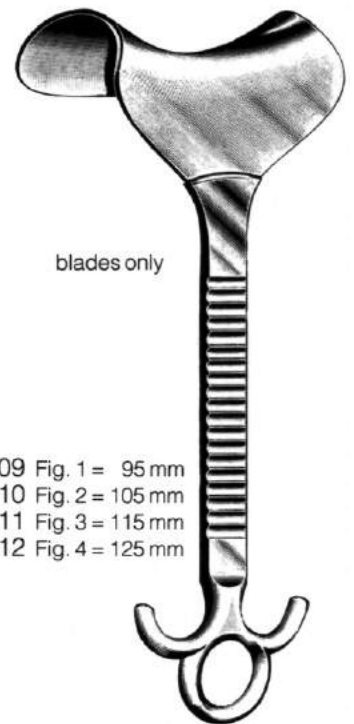
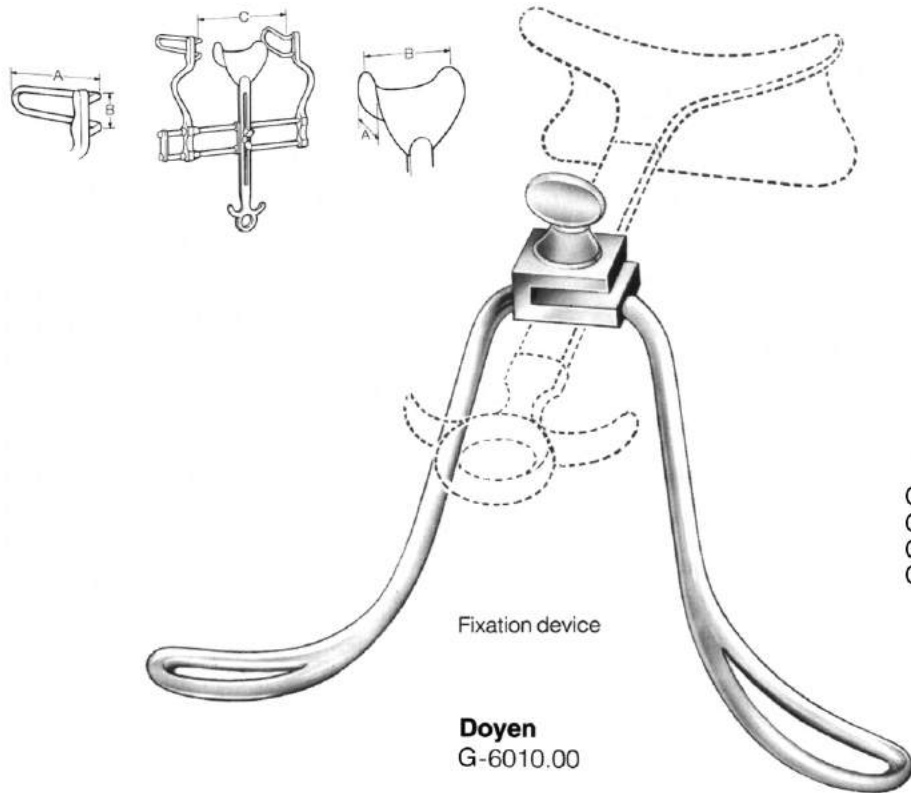
Mikulicz
 26 cm/10 1/4"
 G-2366.90

Kelly
 27 cm/10 1/2"
 G-2371.63 = 160 x 38 mm
 G-2371.65 = 160 x 57 mm
 G-2371.93 = 190 x 38 mm
 G-2371.95 = 190 x 57 mm

Abdominal retractors

Ecarteurs à paroi abdominale

Separadores abdominales

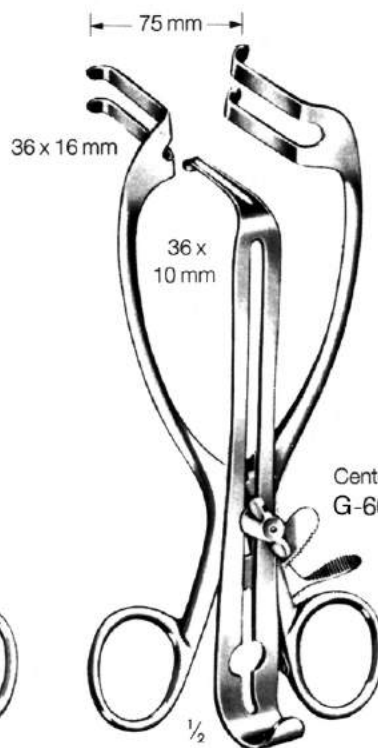


G-6010.09 Fig. 1 = 95 mm
G-6010.10 Fig. 2 = 105 mm
G-6010.11 Fig. 3 = 115 mm
G-6010.12 Fig. 4 = 125 mm

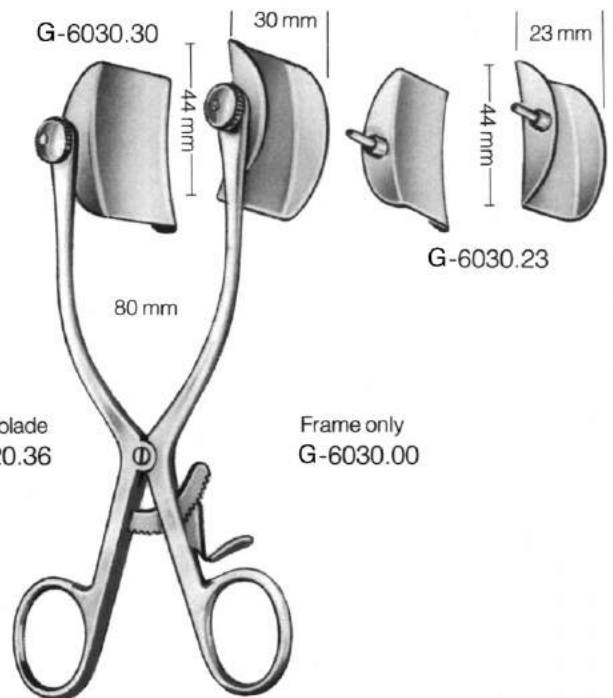
Doyen



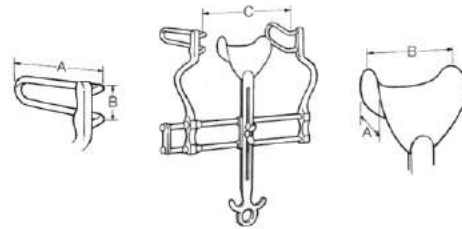
Mayo-Adams
(Appendectomie)
17 cm/6 3/4"
G-6020.00



Mayo-Adams
(Appendectomie)
17 cm/6 3/4"
G-6020.01

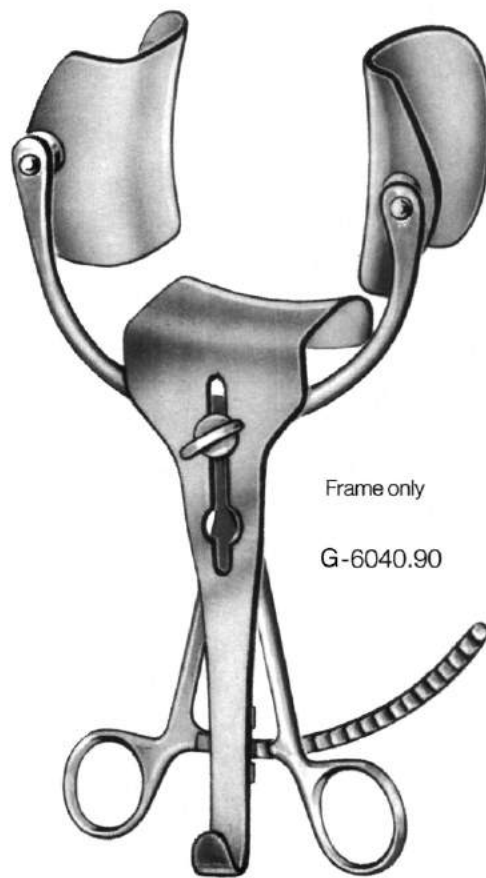


Baby-Collin
G-6030.04



Frame only
 G-6040.00

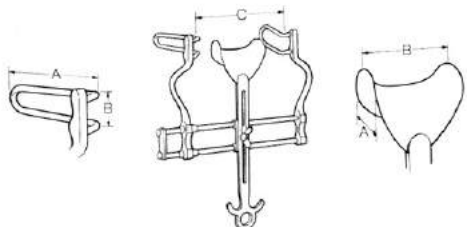
Collin
 G-6040.10



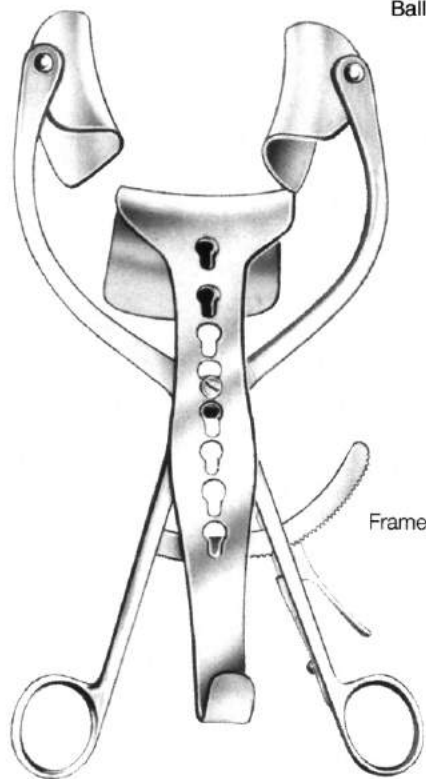
Frame only
 G-6040.90

Collin
 G-6041.10
 G-6042.10
 G-6043.10

complete	lateral blades		center blades			blade opening	
Ref.	Ref.	A	B	Ref.	A	B	C
G-6040.10	10-6150.62	32 mm/1 ¼"	62 mm/2 ½"	—	—	—	100 mm/4"
G-6041.10	G-6150.62	32 mm/1 ¼"	62 mm/2 ½"	G-6153.55	55 mm/2 ½"	55 mm/2 ½"	100 mm/4"
G-6042.10	G-6150.80	38 mm/1 ½"	80 mm/3 ⅞"	G-6153.65	55 mm/2 ½"	65 mm/2 ⅝"	100 mm/4"
G-6043.10	G-6150.99	38 mm/1 ½"	100 mm/4"	G-6153.75	55 mm/2 ½"	75 mm/3"	100 mm/4"

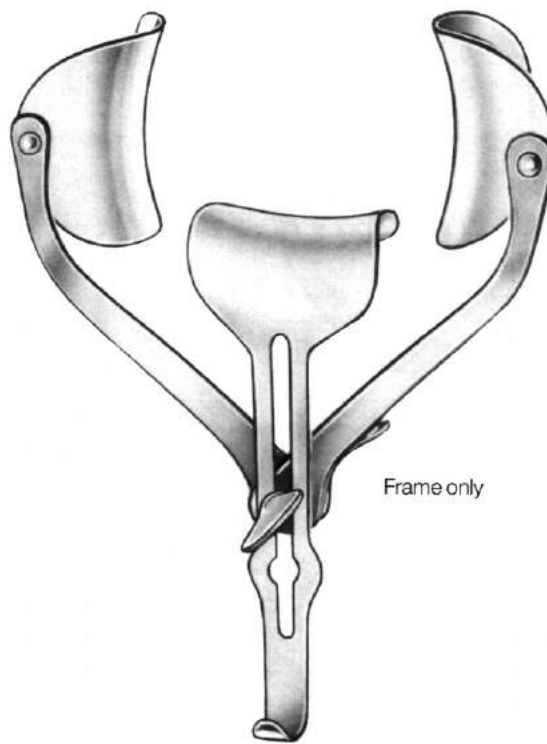


Ball Snap Closure



Frame only

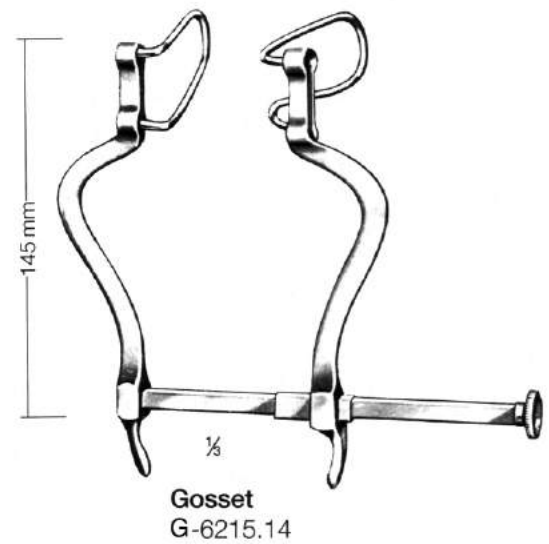
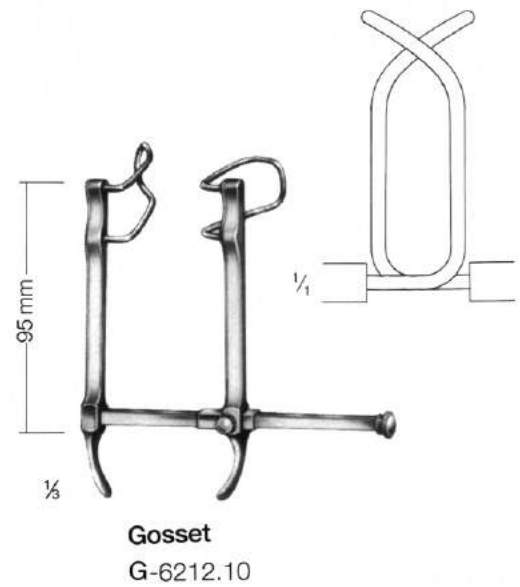
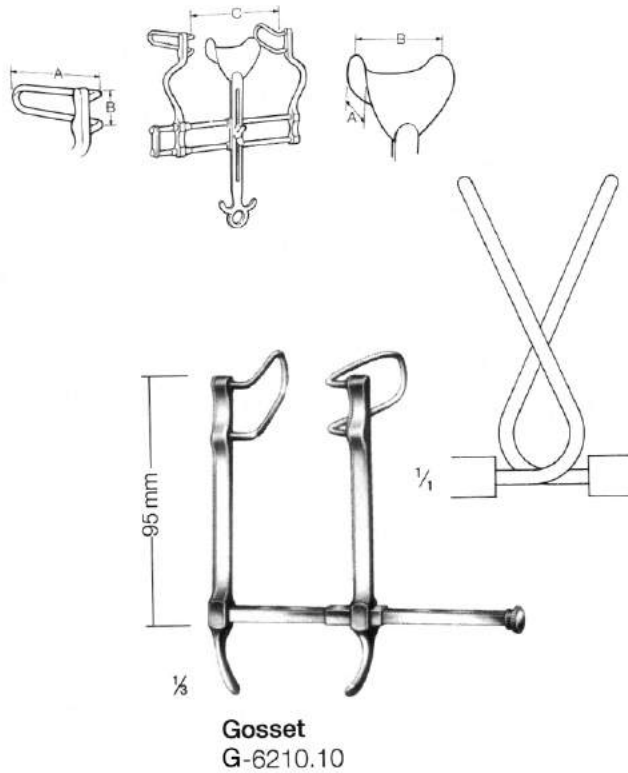
Collin-Locktite
 G-6050.10
 G-6051.10



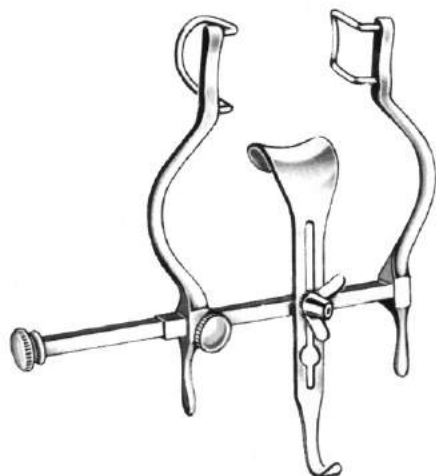
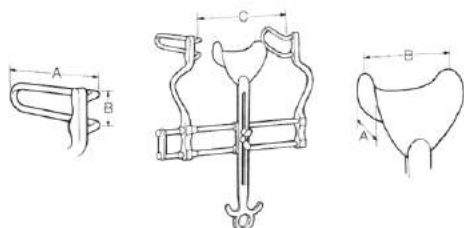
Frame only

Ricard
 G-6128.10
 G-6130.10

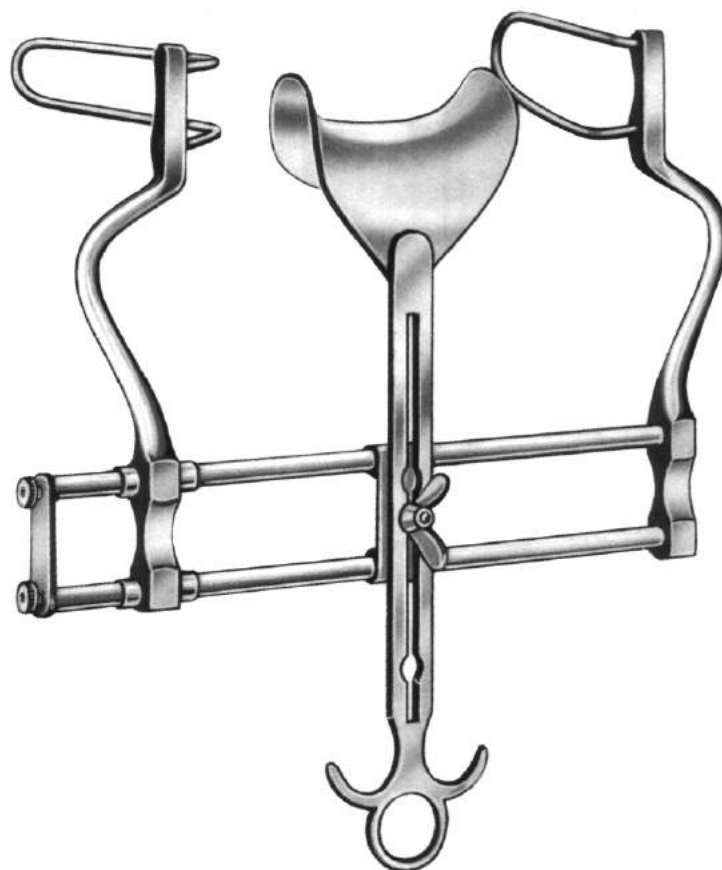
complete	lateral blades			center blades			blade opening
Ref.	Ref.	A	B	Ref.	A	B	C
G-6050.10	G-6151.58	50 mm/2"	58 mm/2 1/4"	G-6155.67	62 mm/2 1/2"	67 mm/2 3/4"	165 mm/6 1/2"
G-6051.10	G-6151.80	62 mm/2 1/2"	80 mm/3 1/8"	G-6155.70	62 mm/2 1/2"	70 mm/2 3/4"	165 mm/6 1/2"
G-6128.10	G-6152.72	72 mm/2 7/8"	85 mm/3 3/8"	G-6155.80	80 mm/3 1/8"	90 mm/3 1/2"	280 mm/11"
G-6130.10	G-6152.60	60 mm/2 3/8"	80 mm/3 1/8"	G-6155.55	55 mm/2 1/8"	70 mm/2 3/4"	305 mm/12"



complete	lateral blades			center blades			blade opening
Ref.	Ref.	A	B	Ref.	A	B	C
G-6210.10	-	40 mm	30 mm	-	-	-	100 mm
G-6212.10	-	40 mm	30 mm	-	-	-	100 mm
G-6214.16	-	63 mm	35 mm	G-6214.60	60 mm	57 mm	160 mm
G-6215.14	-	63 mm	35 mm	-	-	-	140 mm

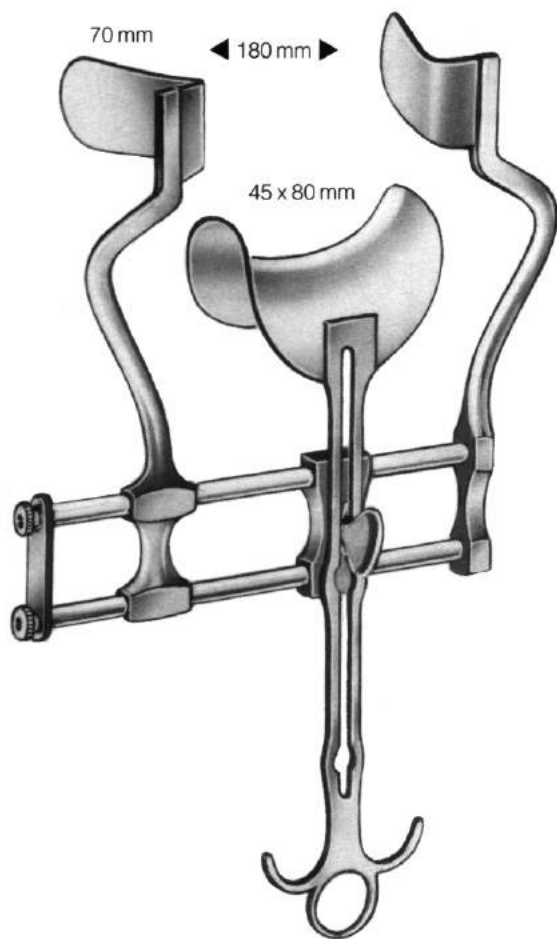
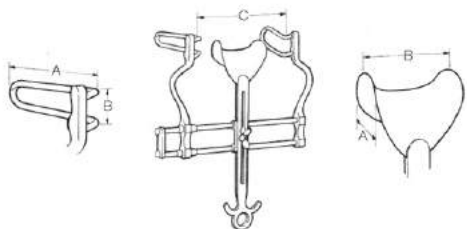


Balfour-Baby
G-6230.09

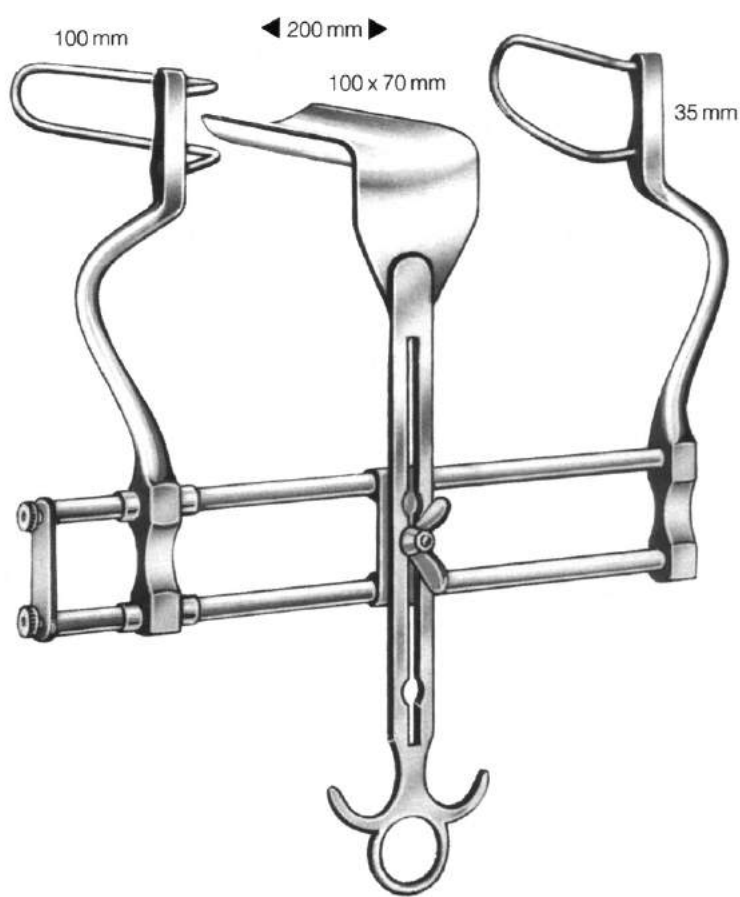


Balfour
G-6240.18
G-6246.25

complete	lateral blades			center blades			blade opening
Ref.	Ref.	A	B	Ref.	A	B	C
G-6230.09	—	27 mm	25 mm	G-6230.20	24 mm	20 mm	90 mm
G-6240.18	—	70 mm	35 mm	G-6252.45	45 mm	80 mm	180 mm
G-6246.25	—	100 mm	35 mm	G-6252.70	70 mm	85 mm	250 mm



Balfour
G-6248.18



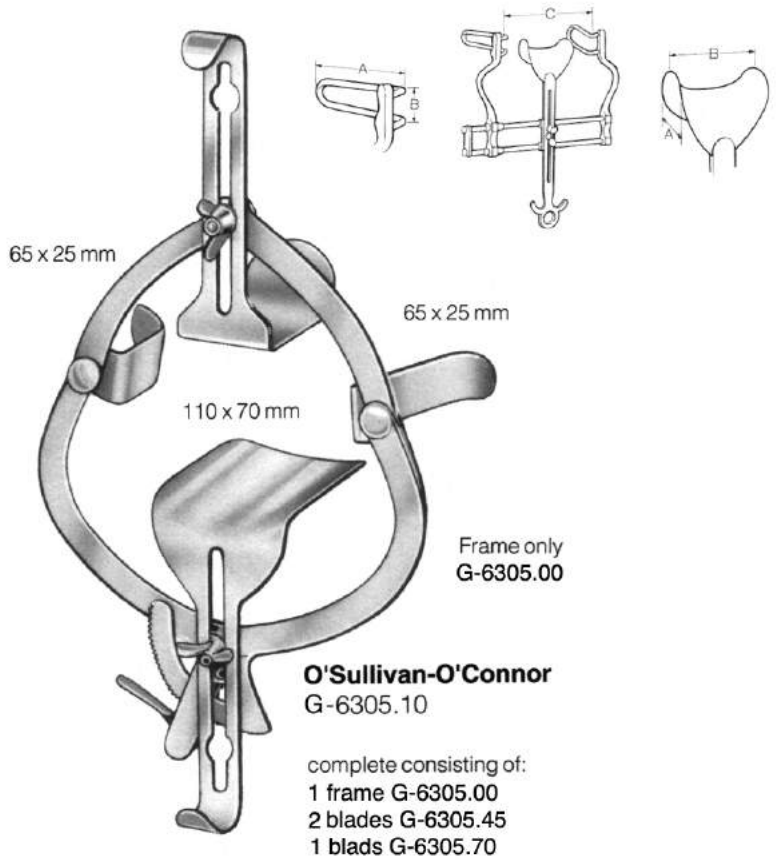
Balfour
G-6244.20

complete	lateral blades			center blades			blade opening
Ref.	Ref.	A	B	Ref.	A	B	C
G-6244.20	—	100 mm	35 mm	G-6256.99	100 mm	70 mm	200 mm
G-6248.18	—	70 mm	35 mm	G-6252.45	45 mm	80 mm	180 mm

Abdominal retractors
Ecarteurs à paroi abdominale
Separadores abdominales



110 x 70 mm
 G-6305.70
 80 x 45 mm
 G-6305.45

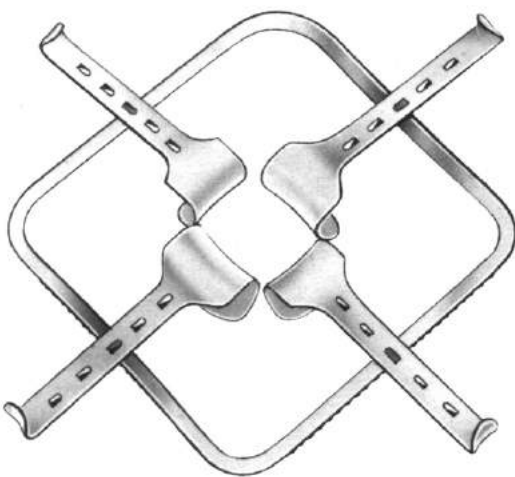


Frame only
 G-6305.00

O'Sullivan-O'Connor
 G-6305.10

complete consisting of:
 1 frame G-6305.00
 2 blades G-6305.45
 1 blades G-6305.70

Frame only
 240 x 240 mm
 G-6320.00



Kirschner
 G-6320.10

complete consisting of:
 rigid frame, G-6320.00
 2 blades, 50 x 65 mm G-6320.50
 2 blades, 40 x 55 mm G-6320.40



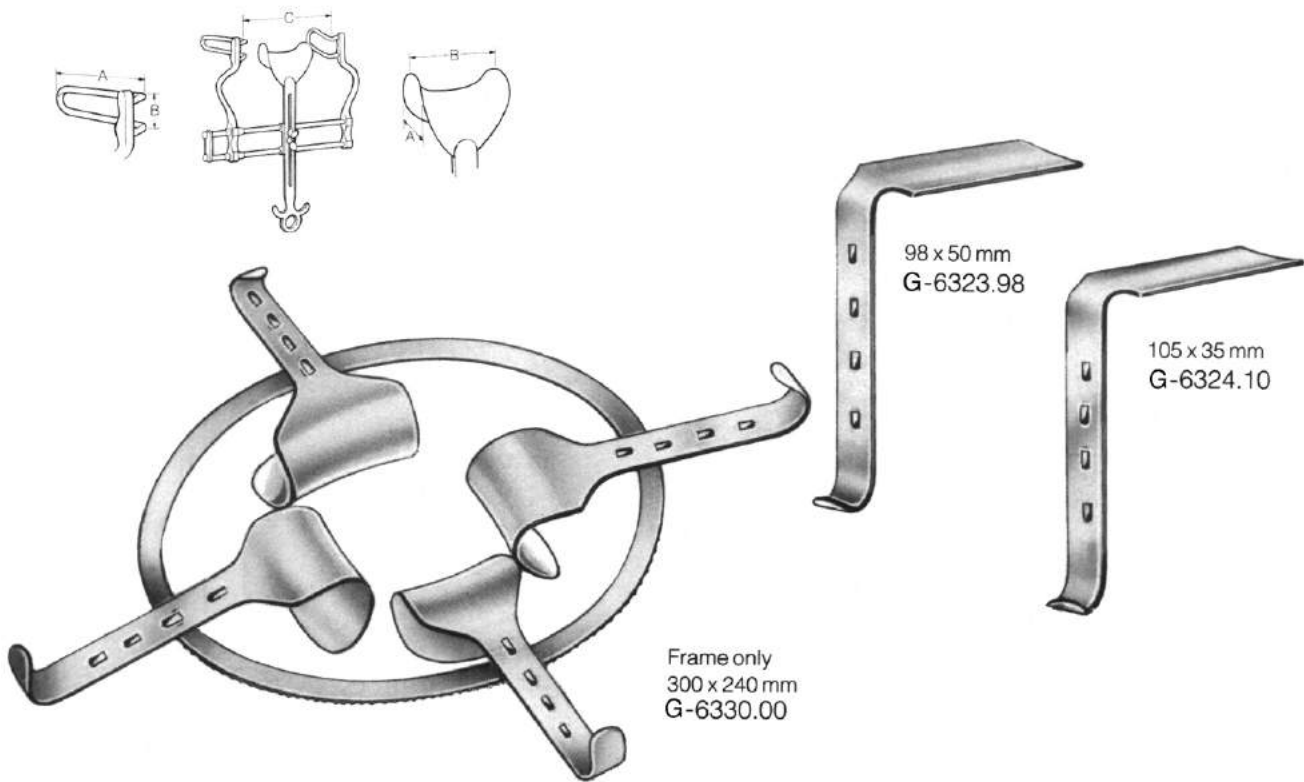
40 x 55 mm
 G-6320.40



50 x 65 mm
 G-6320.50



60 x 85 mm
 G-6321.60



Kirschner, oval

G-6330.10

complete consisting of:

- 1 frame, 300 x 240 mm: G-6330.00
- 3 blades, 50 x 65 mm: G-6320.50
- 1 blade, 80 x 90 mm: G-6321.90
- 1 blade, 98 x 50 mm: G-6323.98
- 1 blade, 105 x 35 mm: G-6324.10

Blades for Kirschner-Abdominal Retractors



A x B 40 x 55 mm
G-6320.40

50 x 65 mm
G-6320.50

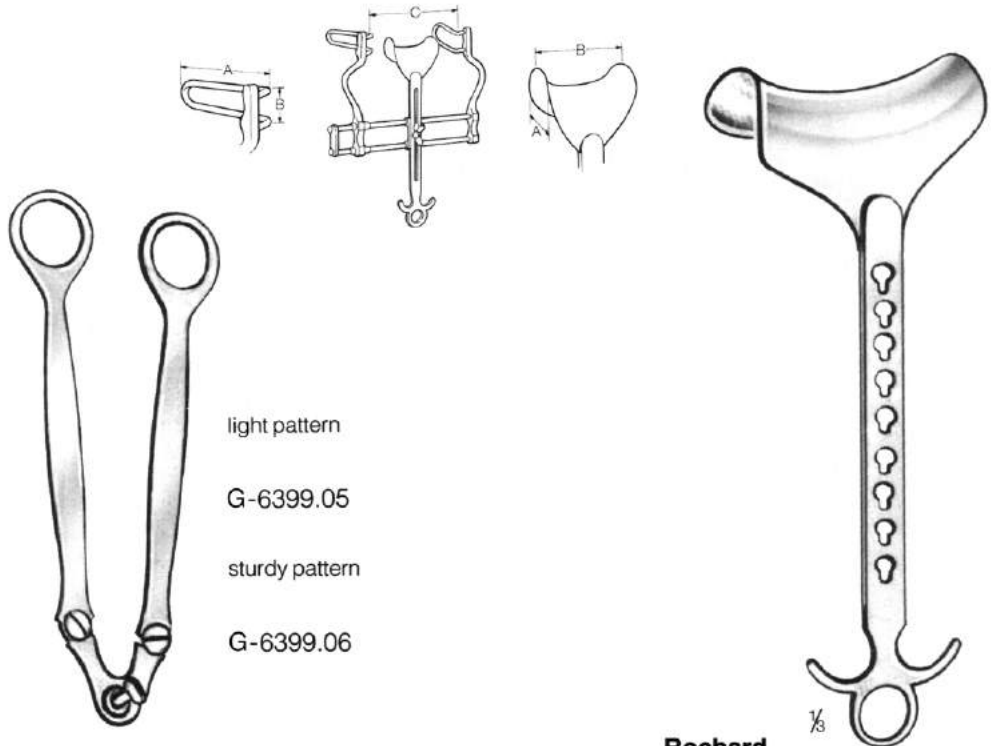
60 x 85 mm
G-6321.60

78 x 65 mm
G-6321.78

80 x 90 mm
G-6321.90

98 x 50 mm
G-6323.98

105 x 35 mm
G-6324.10

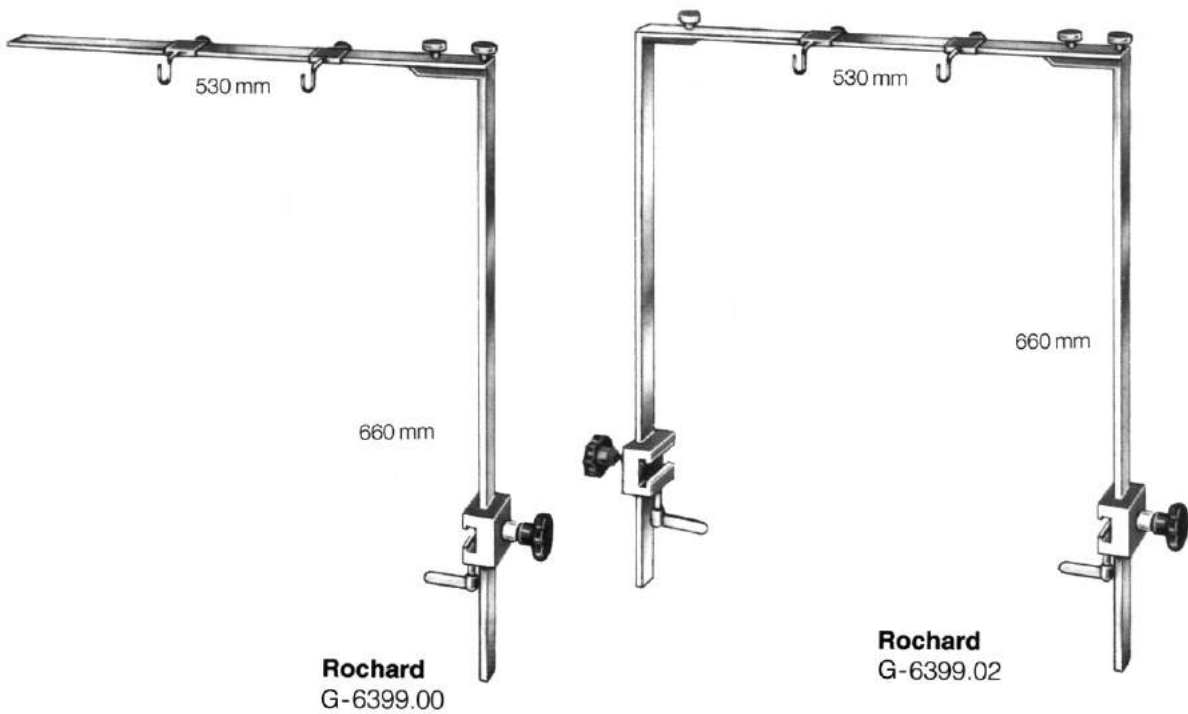


Rochard
 19 cm/7 3/4"
 Fixation device

light pattern
 G-6399.05
 sturdy pattern
 G-6399.06

Rochard
 27 cm/10 1/2"
 G-6399.10 50 x 95 mm, 2" x 3 3/4"
 G-6399.15 50 x 105 mm, 2" x 4 1/8"
 G-6399.20 60 x 120 mm, 2 3/8" x 4 3/4"
 G-6399.25 60 x 135 mm, 2 3/8" x 5 1/4"
 G-6399.30 60 x 155 mm, 2 3/8" x 6 1/8"

Mounting Frames for Operating Tables



Rochard
 G-6399.00

Rochard
 G-6399.02

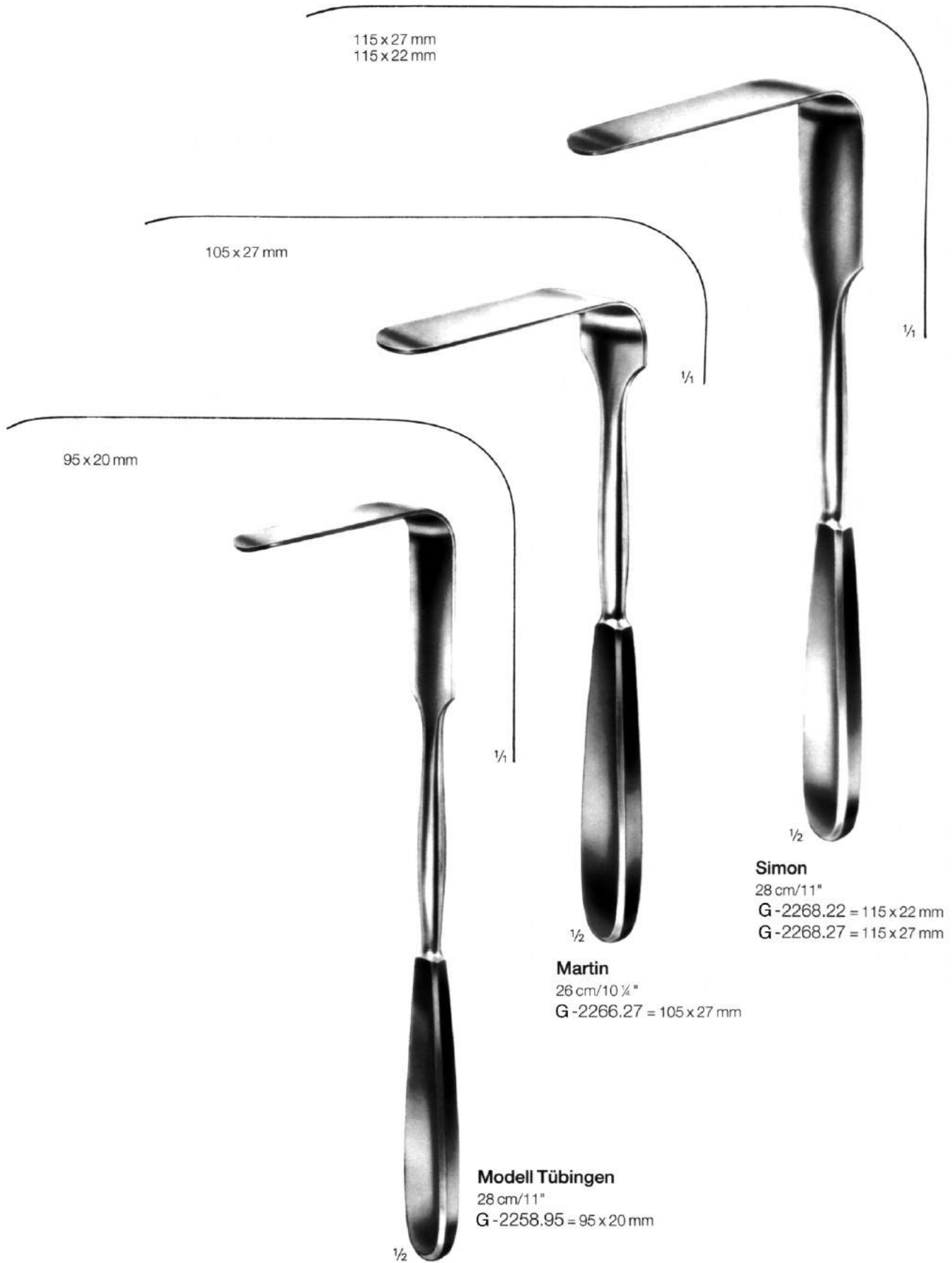




Fig.

1	G -3435.06	60 x 35 mm
2	G -3435.09	90 x 35 mm
3	G -3435.12	120 x 35 mm
4	G -3435.14	140 x 35 mm
5	G -3435.16	160 x 35 mm
6	G -3435.18	180 x 35 mm

1	G -3445.06	60 x 45 mm
2	G -3445.09	90 x 45 mm
3	G -3445.12	120 x 45 mm
4	G -3445.14	140 x 45 mm
5	G -3445.16	160 x 45 mm
6	G -3445.18	180 x 45 mm

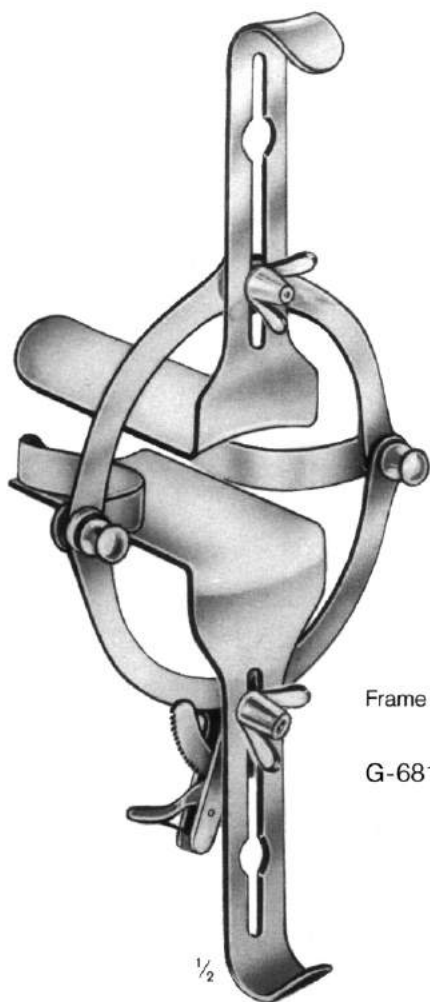
1	G -3460.06	60 x 60 mm
2	G -3460.09	90 x 60 mm
3	G -3460.12	120 x 60 mm
4	G -3460.14	140 x 60 mm
5	G -3460.16	160 x 60 mm
6	G -3460.18	180 x 60 mm

Fig.

1	G -3535.06	60 x 35 mm
2	G -3535.09	90 x 35 mm
3	G -3535.12	120 x 35 mm
4	G -3535.13	130 x 35 mm

1	G -3545.06	60 x 45 mm
2	G -3545.09	90 x 45 mm
3	G -3545.12	120 x 45 mm
4	G -3545.13	130 x 45 mm

1	G -3560.06	60 x 60 mm
2	G -3560.09	90 x 60 mm
3	G -3560.12	120 x 60 mm
4	G -3560.13	130 x 60 mm



Frame only

G-6810.00

1/2

blades only

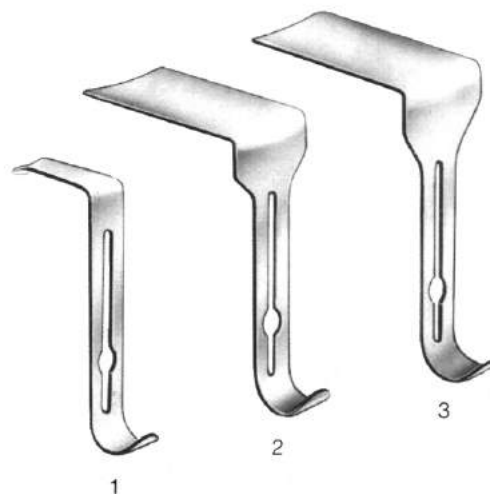


Fig.	a mm	b mm	
1	44	15	G-6810.15
2	85	39	G-6810.39
3	85	45	G-6810.45

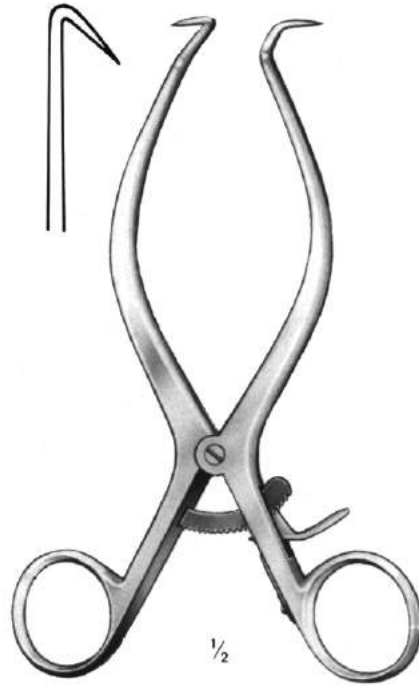
O'Sullivan-O'Connor

- G-6810.10
complete with 3 blades
- G-6810.15
- G-6810.39
- G-6810.45



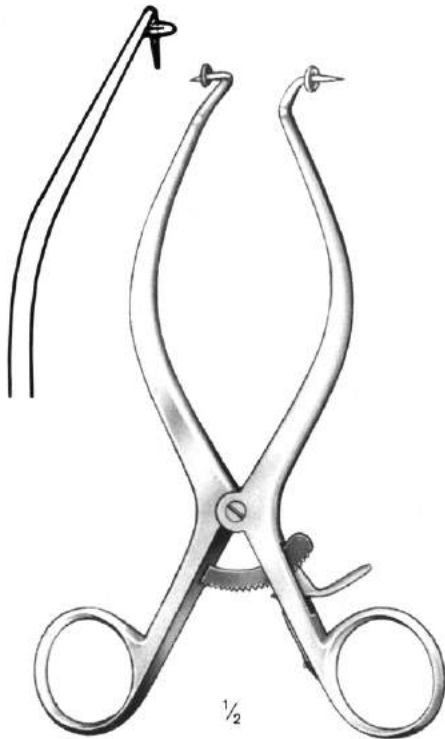
Gelpi

9 cm/3 1/2" = G-6830.09
11 cm/4 1/4" = G-6830.11
14 cm/5 1/2" = G-6830.14



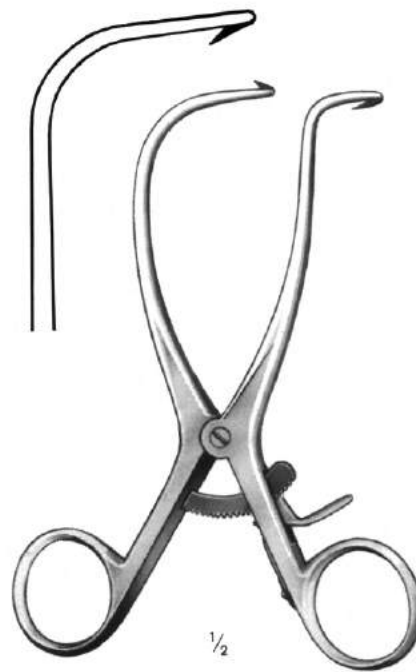
Gelpi

19 cm/7 1/2"
G-6830.19



Gelpi

19 cm/7 1/2"
G-6832.19



Seletz-Gelpi

15 cm/6"
G-6834.15



Gil-Vernet
24,5 cm/9 3/4"



JOLL (FRIEDMAN)
G-2828.16
15.5 cm

9 mm



G-2624.09

11 mm



G-2624.11

13 mm



1/4
G-2624.13

15 mm



G-2624.15

18 mm



G-2624.18

malleable



Gil-Vernet
28 cm/11"

9 mm



G-2628.09

11 mm



G-2628.11

13 mm



1/4
G-2628.13

15 mm

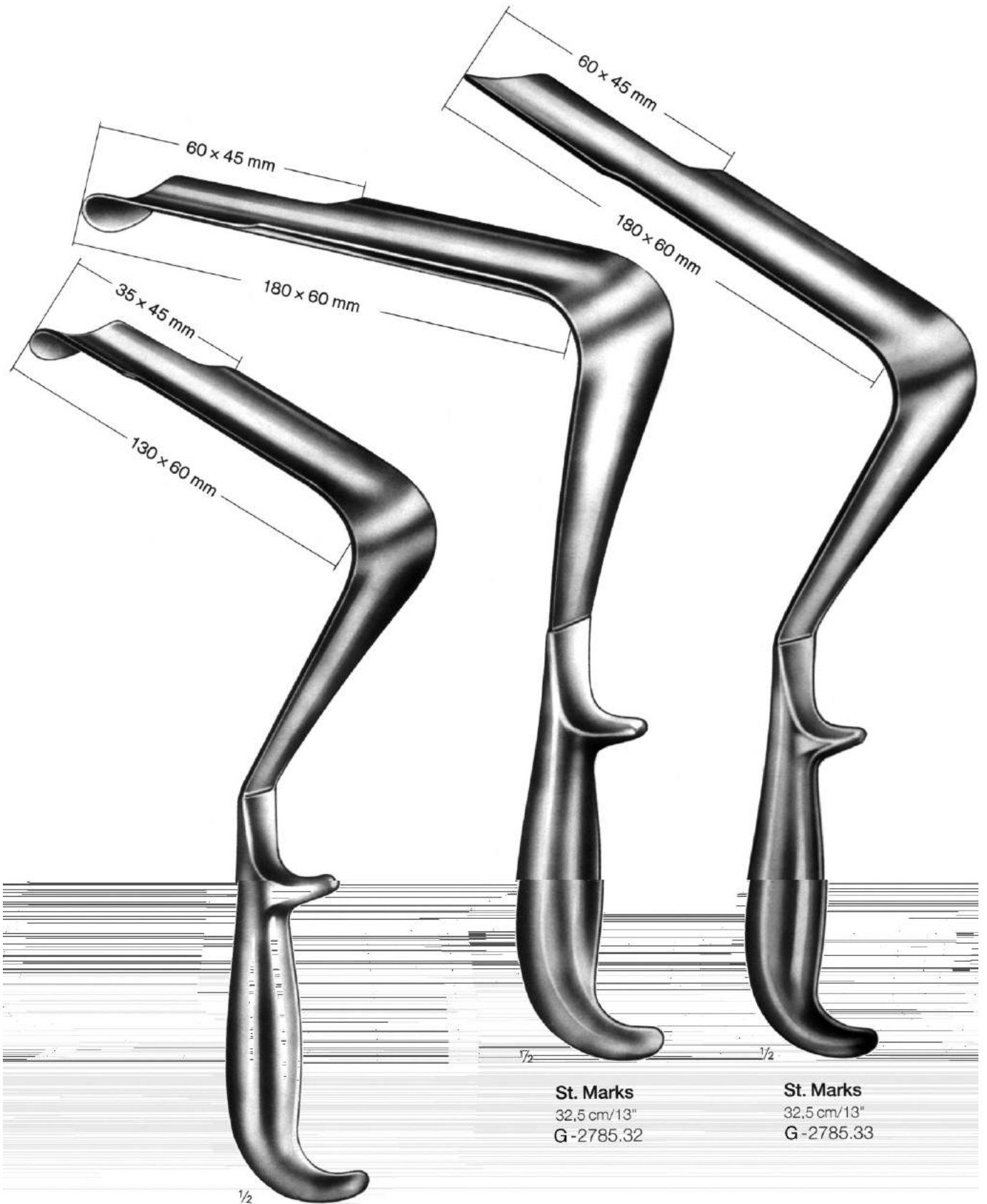


G-2628.15

18 mm



G-2628.18



St. Marks
29 cm/11 1/2"
G-2785.29

St. Marks
32.5 cm/13"
G-2785.32

St. Marks
32.5 cm/13"
G-2785.33



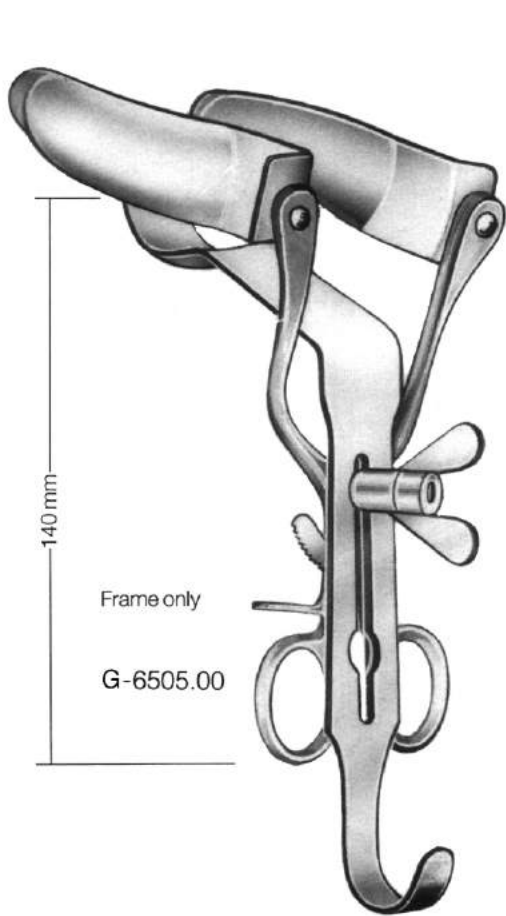
Legueu
27 cm/10 1/2"
G-3210.27



Kocher
26 cm/10 1/4"
G-3220.26



Kocher
26 cm/10 1/4"
G-3230.26



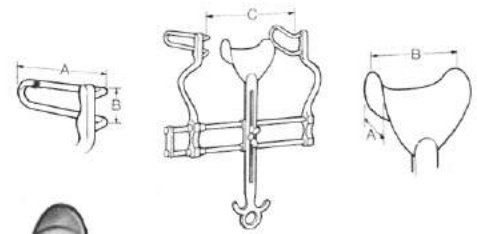
Frame only
G-6505.00



Sphincter blades
Pair
G-6505.09



Rectal blades
Pair
G-6505.07

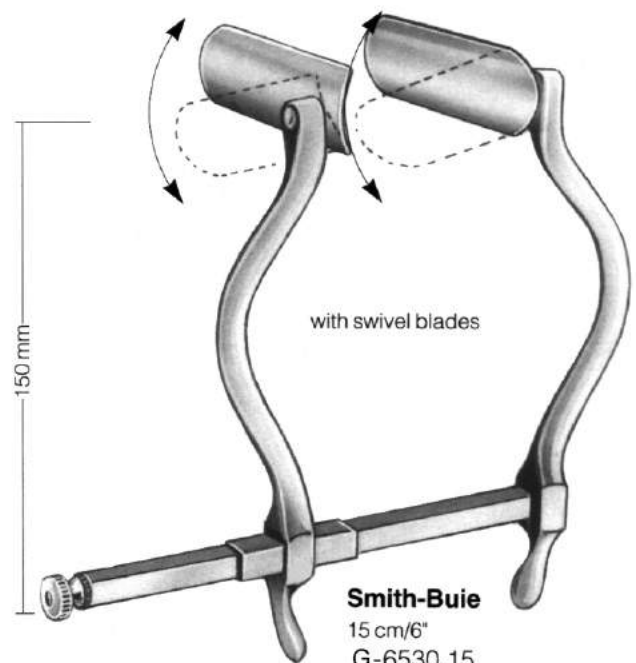


Alan Parks

G-6505.10

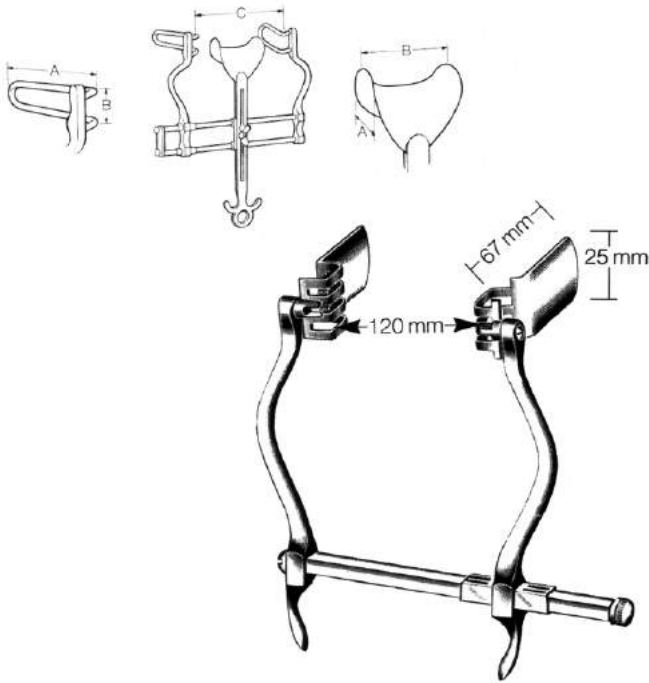
complete consisting of:

- 1, frame 140 mm, 5 1/2": **G-6505.00**
- 1, pair of blades, 75 x 24 mm: **G-6505.07**
- 1, pair of blades, 95 x 24 mm: **G-6505.09**
- 1, center blade, 95 x 24 mm: **G-6505.95**

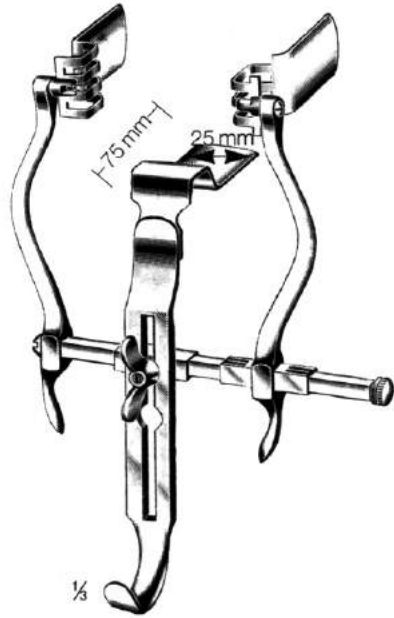


Smith-Buie
 15 cm/6"
G-6530.15

complete	lateral blades			Center blade			blade opening
Ref.	Ref.	A	B	Ref.	A	B	C
G-6505.10	G-6505.07 G-6505.09	75 mm 95 mm	24 mm 24 mm	G-6505.95	95 mm	24 mm	70 mm
G-6530.15		70 mm	22 mm				125 mm

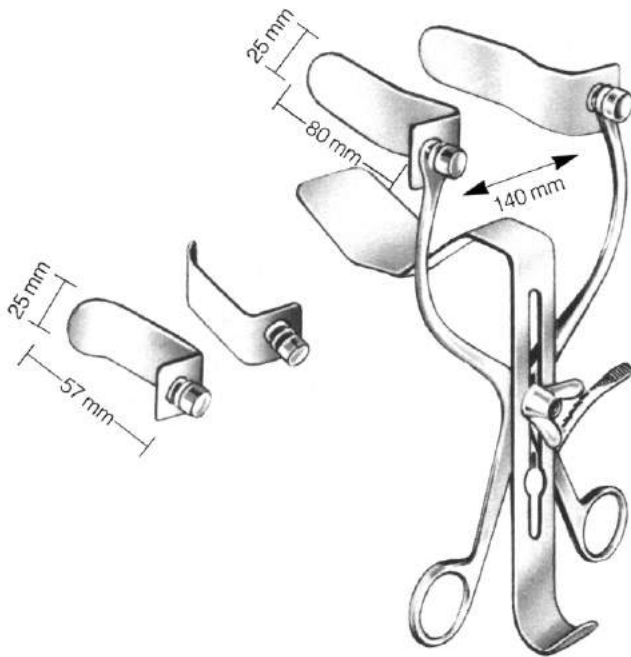


Judd-Masson
 G-6610.10



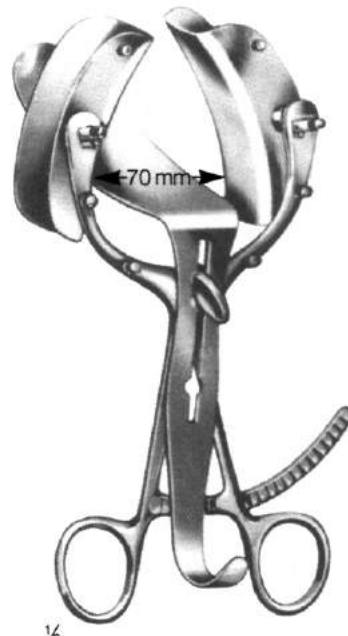
center blade
 G-6620.25

Judd-Masson
 G-6620.10



Millin
 G-6630.10

consisting of/
 G-6630.00, frame,
 G-6630.57, 2, blades, 57 x 25 mm
 G-6630.80, 2, blades, 80 x 25 mm
 G-6631.20, 1, blade, 120 x 45 mm



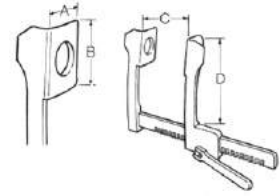
28 x 60 mm
 1 1/8" x 2 3/8"
 lateral blades, pair
 G-6660.28

70 x 32 mm
 2 3/4" x 1 1/4"
 center blade
 G-6660.70

Frame only
 G-6660.90

Legueu
 G-6660.10
 complete

Sternotomy spreaders aluminium
Ecarteurs à sternotomie, aluminium
Separadores para esternotomía, aluminio



for new-born



Castañeda

	A	B	C
G-7500.65	10,5 mm	32 mm	65 mm

pediatric size



Castañeda

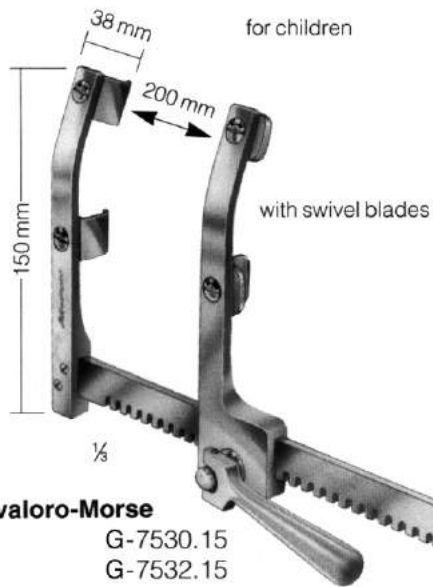
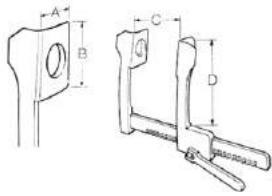
	A	B	C
G-7500.70	12 mm	45 mm	70 mm

child size

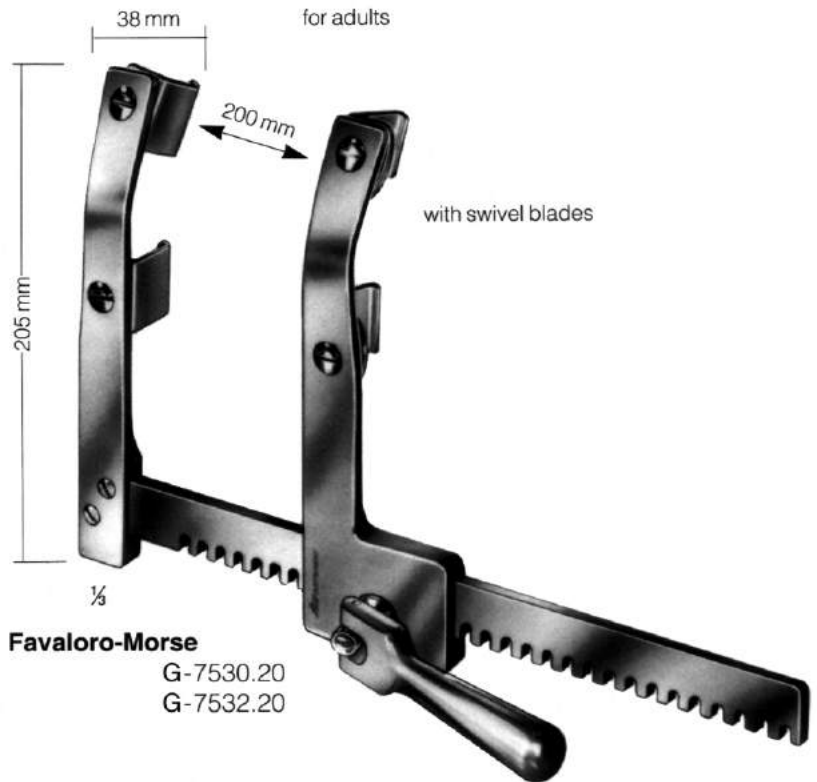


Castañeda

	A	B	C
G-7501.20	15 mm	60 mm	120 mm



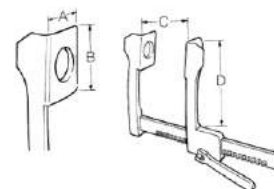
Favaloro-Morse
 G-7530.15
 G-7532.15



Favaloro-Morse
 G-7530.20
 G-7532.20



Morse modif.
 G-7531.20
 G-7533.20



Cooley

	A	B	C
G-7610.75	12 mm, ½"	17 mm, ⅝"	75mm, 3"

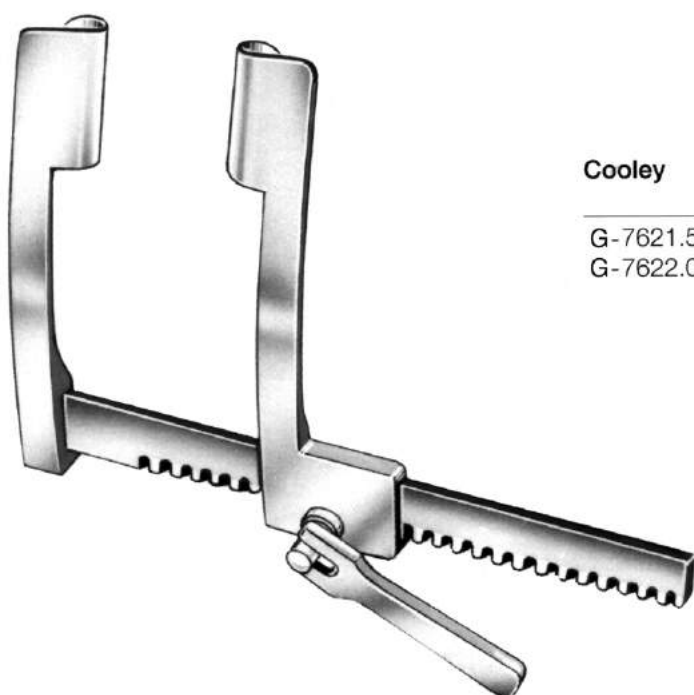
for newborns



Cooley

	A	B	C
G-7611.05	16 mm, ⅝"	30 mm 1 ¼"	105 mm/4 ¼"

pediatric size

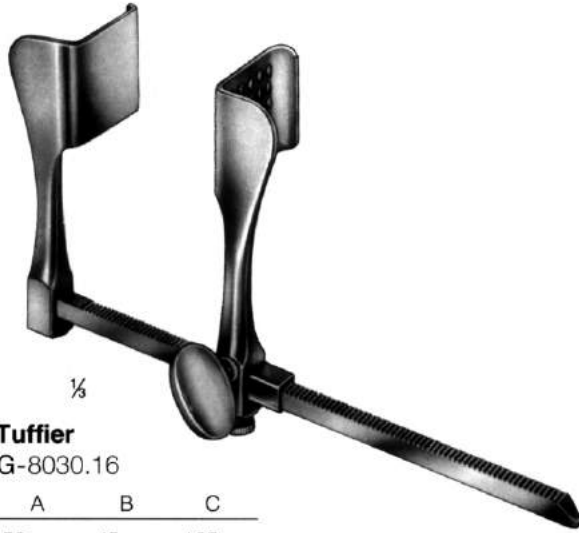


Cooley

	A	B	C
G-7621.50	21 mm, ⅝"	44 mm, 1 ¼"	150 mm, 6"
G-7622.00	37 mm, 1 ½"	49 mm, 1 ⅞"	200 mm/8"

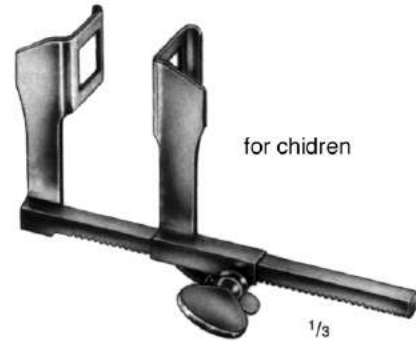
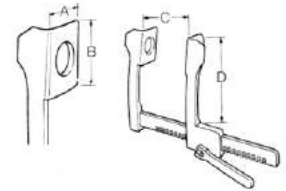
G-7621.50 for children

G-7622.00 for adults



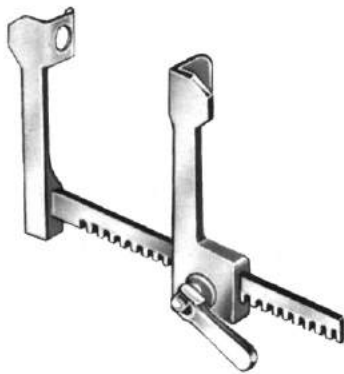
Tuffier
G-8030.16

A	B	C
50 mm	45 mm	165 mm



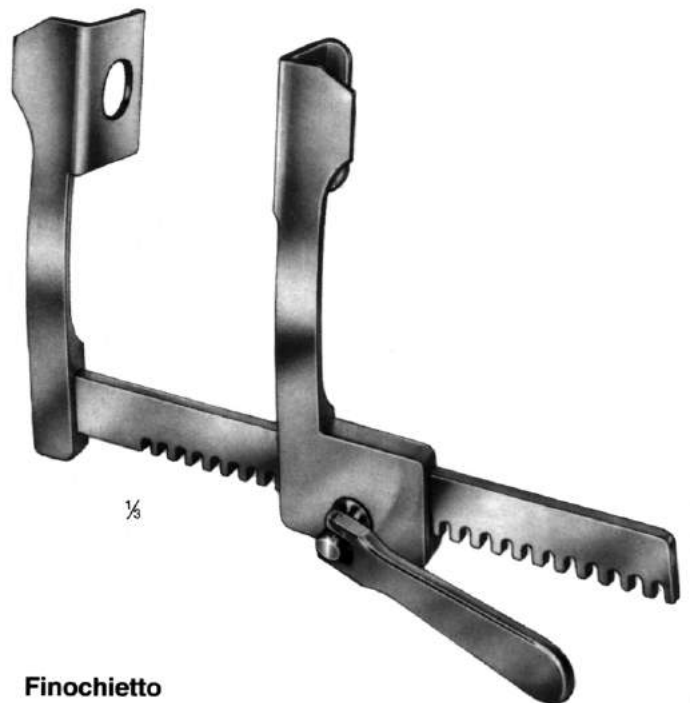
Baby-Haight
G-8040.90

A	B	C	D
30 mm	30 mm	90 mm	90 mm



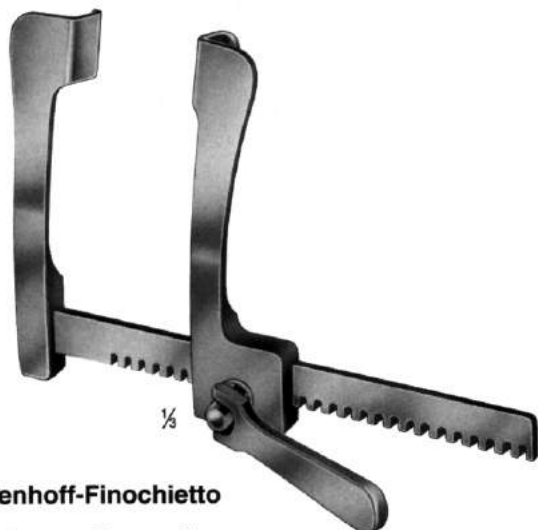
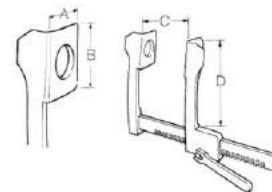
Finochietto-Baby

	A	B	C
G-8060.36			36 mm
G-8060.75			75 mm
G-8061.00	7 mm	7 mm	100 mm
G-8061.25			125 mm
G-8061.50			150 mm



Finochietto

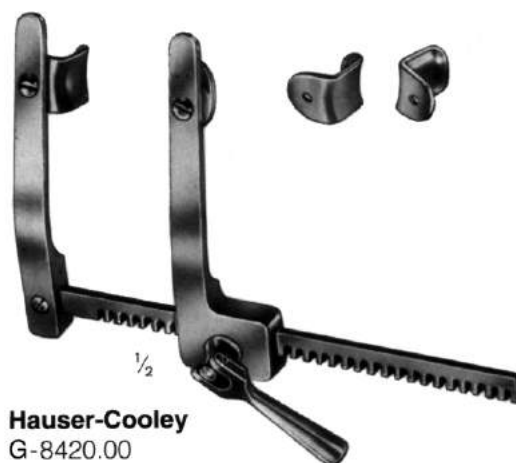
	A	B	C
G-8213.38	38 mm	44 mm	150 mm
G-8217.52	52 mm	62 mm	175 mm
G-8217.65	65 mm	85 mm	175 mm



Rienhoff-Finochietto

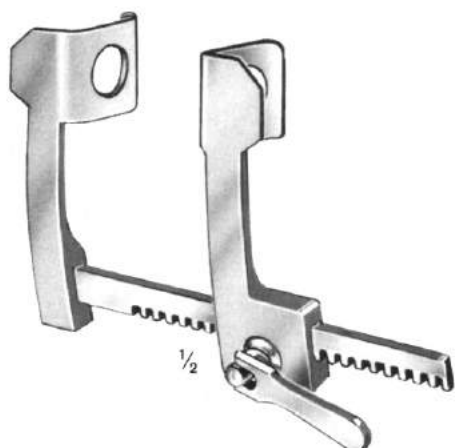
A	B	C
21 mm	26 mm	150 mm

G-8415.26



Hauser-Cooley
G-8420.00

for children



Finochietto-Baby-Haight

A	B	C
31 mm/1 ¼"	31 mm/1 ¼"	100 mm/4"

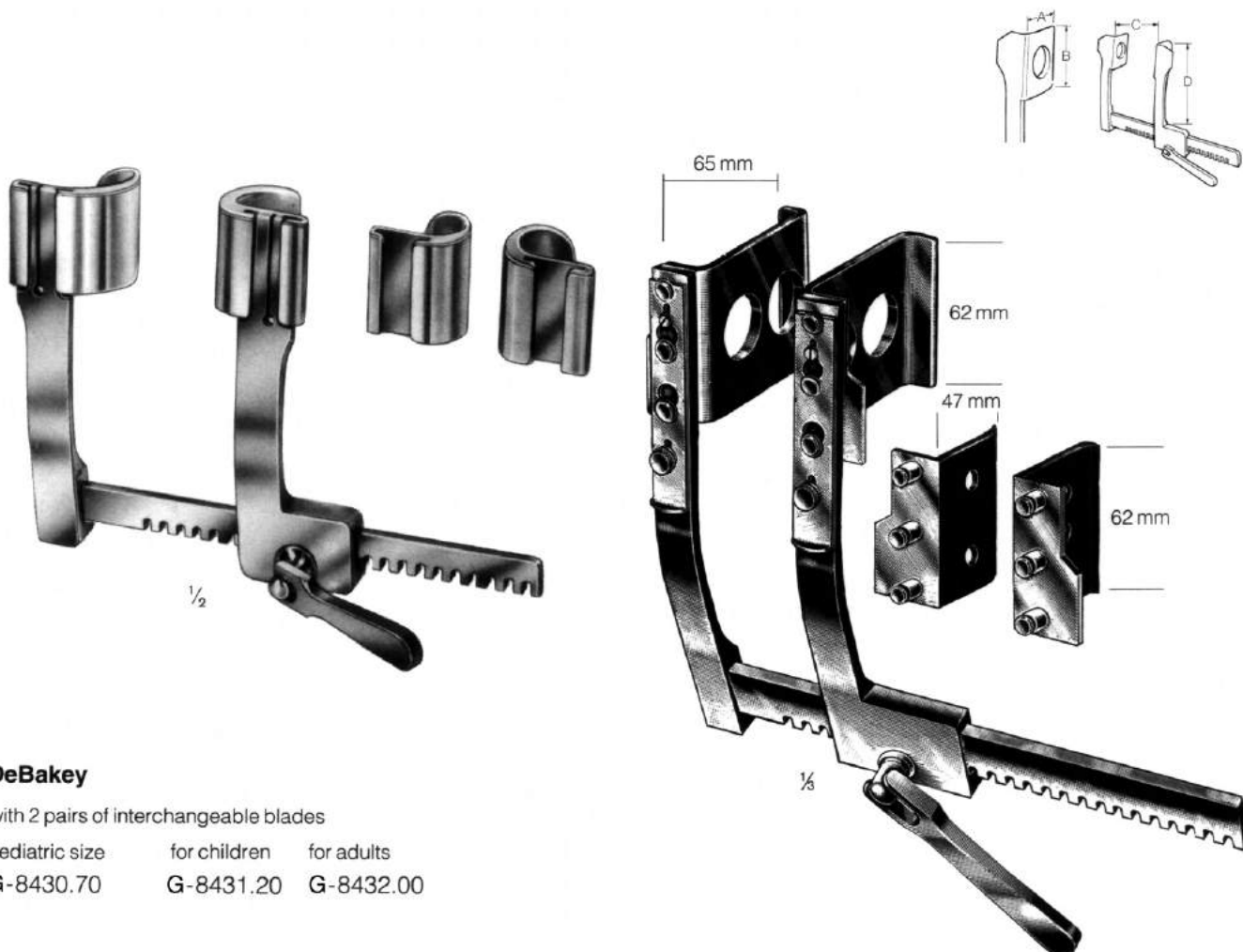
G-8470.10



DeBoer

A	B	C
27 mm	100 mm	190 mm

G-8560.19



DeBakey

with 2 pairs of interchangeable blades

pediatric size

for children

for adults

G-8430.70

G-8431.20

G-8432.00

Burford-Finochietto

with 2 pairs of interchangeable blades

G-8450.20

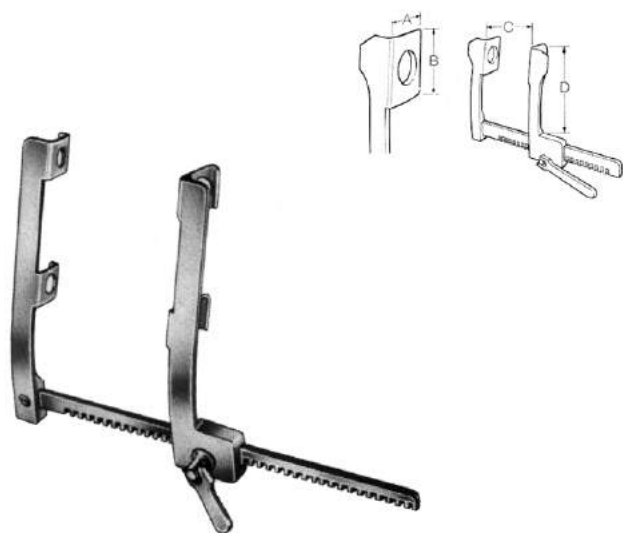
G-8450.25

G-8450.30

	1. pair of interchangeable blades		2. pair of interchangeable blades		blade opening
	A mm	B mm	A mm	B mm	C mm
G-8430.70	15	15	15	12	70
G-8431.20	30	30	30	21	120
G-8432.00	60	52	60	32	200
G-8450.20	65	62	47	62	200
G-8450.25	65	62	47	62	250
G-8450.30	65	62	47	62	300



	un-removable blades		blades for scapula		blade opening
	A	B	A	B	C
G-8482.00	45 mm/1 3/4"	75 mm/3"	40 mm/1 1/2"	50 mm/2"	200 mm/8"
G-8482.50	45 mm/1 3/4"	75 mm/3"	40 mm/1 1/2"	50 mm/2"	250 mm/10"



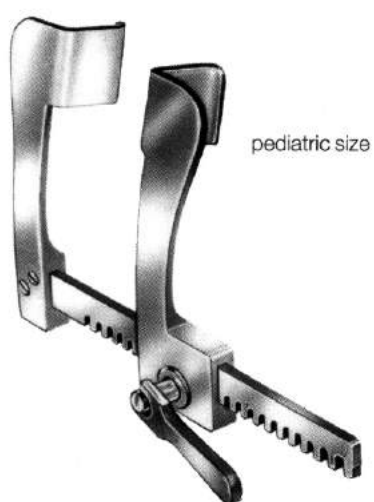
Finocchietto (modif.)

	A	B	C	D
G-9161.12	14 mm	14 mm	120 mm	110 mm



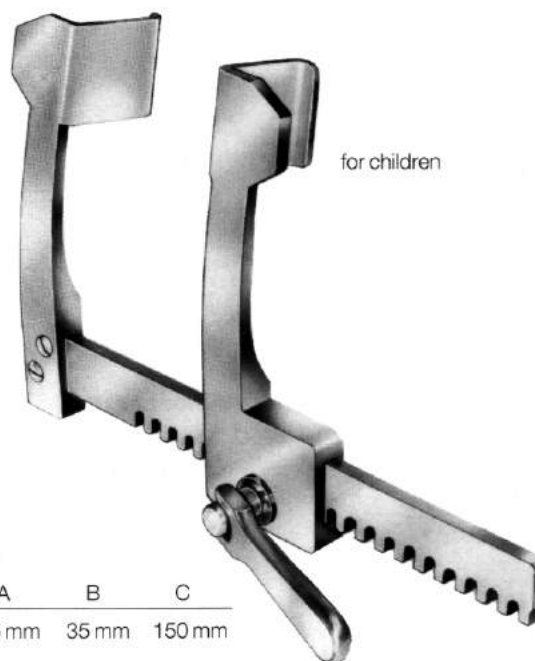
Finocchietto

	A	B	C
G-9213.38	38 mm	44 mm	135 mm
G-9217.52	52 mm	62 mm	175 mm
G-9217.85	85 mm	65 mm	175 mm



Cooley

	A	B	C
G-9410.21	21 mm	25 mm	105 mm



Cooley

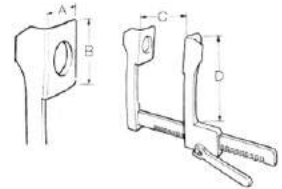
	A	B	C
G-9415.35	35 mm	35 mm	150 mm

Rib spreader (aluminium)
Ecarteurs costaux, aluminium
Separadores costales, aluminio

pediatric size

with 2 pairs of interchangeable blades

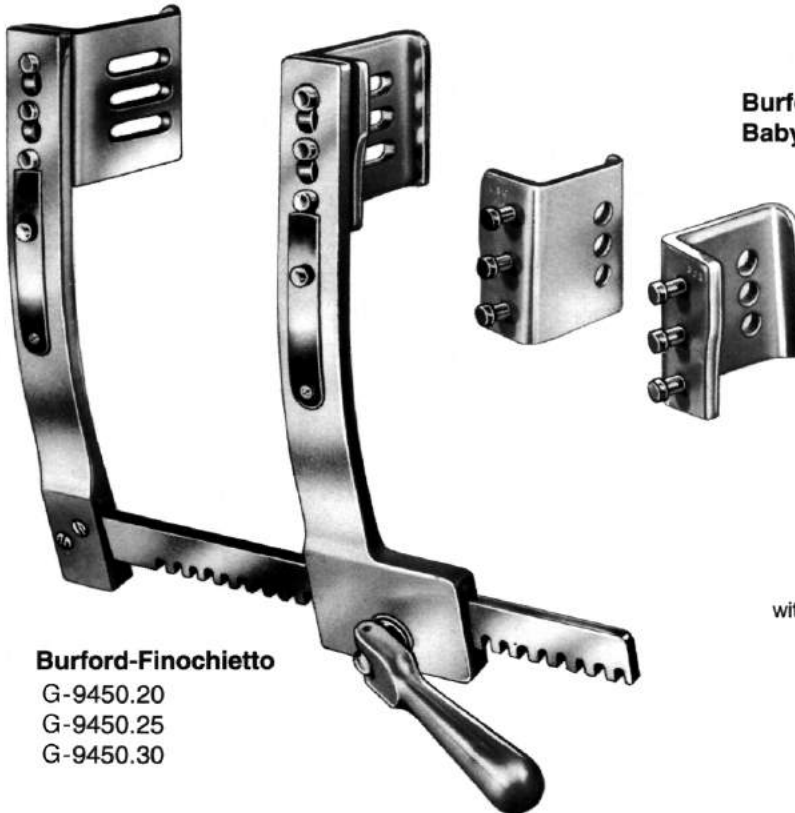
for children



Cooley
G-9420.00



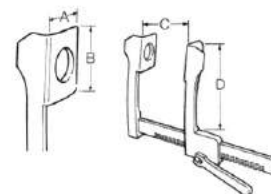
Burford-Finochietto
Baby G-9451.13



Burford-Finochietto
G-9450.20
G-9450.25
G-9450.30

with 2 pairs of interchangeable blades

	1. pair of interchangeable blade		2. pair of interchangeable blades		blade opening
	A	B	A	B	C
G-9450.20	65 mm	62 mm	47 mm	62 mm	200 mm, 8"
G-9450.25	65 mm	62 mm	47 mm	62 mm	255 mm, 10"
G-9450.30	65 mm	62 mm	47 mm	62 mm	305 mm, 12"
G-9451.13	48 mm	42 mm	34 mm	42 mm	135 mm, 5 1/4"



for babies



Finochietto-Infant
 G-9464.75

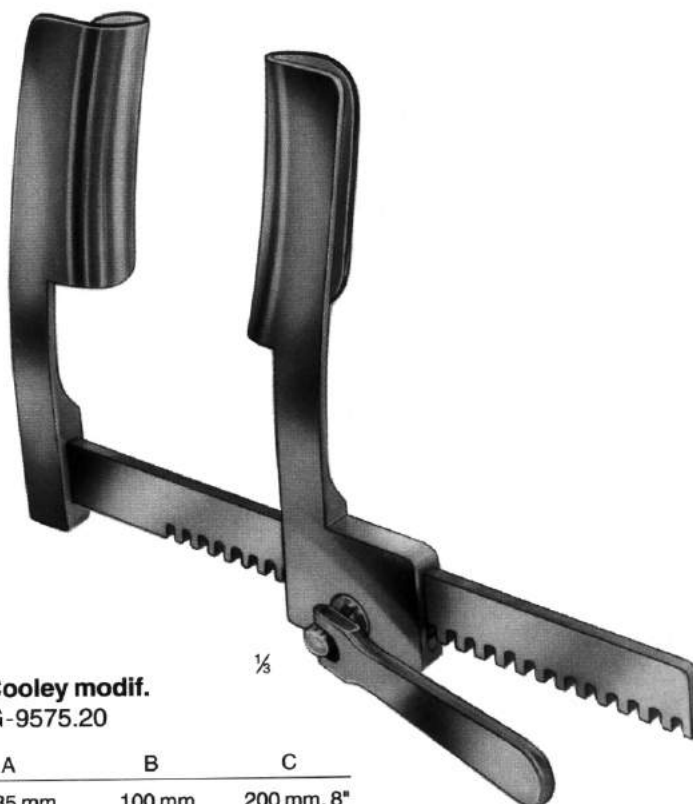
A	B	C
15 mm	15 mm	75 mm

for children



Finochietto-Baby-Haight
 G-9470.10

A	B	C
31 mm	31 mm	100 mm



Cooley modif.
 G-9575.20

A	B	C
35 mm	100 mm	200 mm, 8"

Rib Spreader and contractor

Sternal Approximator



1/2

Bailey-Baby
 14,5 cm/5 3/4"
 G-9900.14



1/2

Bailey
 16 cm/6 1/4"
 G-9900.16



1/2

Bailey-Gibbon
 16 cm/6 1/4"
 G-9910.16



1/2

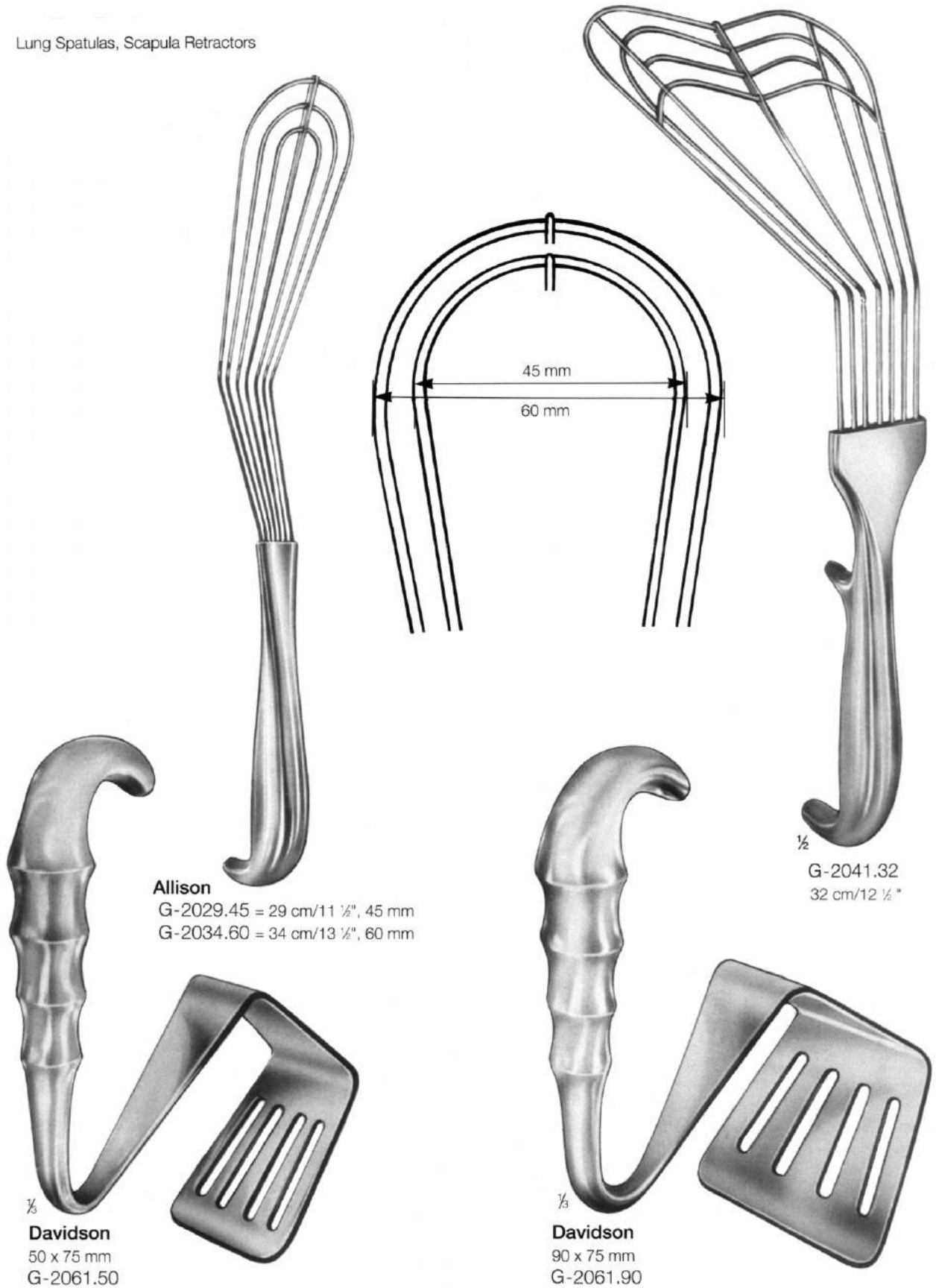
Sellors
 19 cm/7 1/2"
 G-9960.20



1/2

Lemmon
 G-9970.14 = 14 cm/5 1/2"
 G-9970.18 = 18 cm/7"

Lung Spatulas, Scapula Retractors



Tourniquets



Rumel-Belmont 30 cm/12 "
 Ø 3,2 mm = G-3750.32
 Ø 6,4 mm = G-3750.64



without catch



Eyed stilette
 G-3750.82



Rumel-Belmont 30 cm/12 "
 Ø 3,2 mm = G-3752.32
 Ø 6,4 mm = G-3752.64

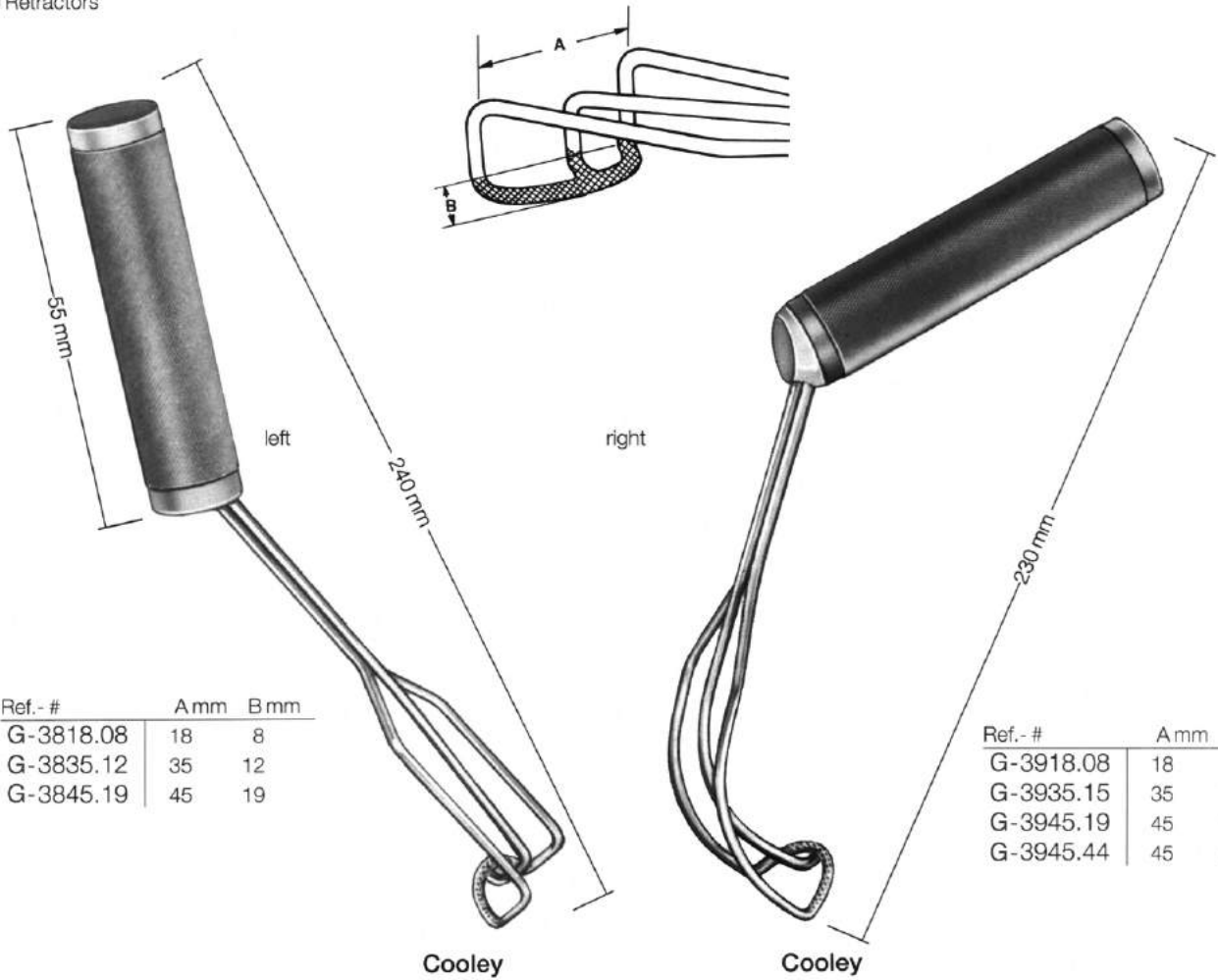


with catch



Eyed stilette
 G-3750.82

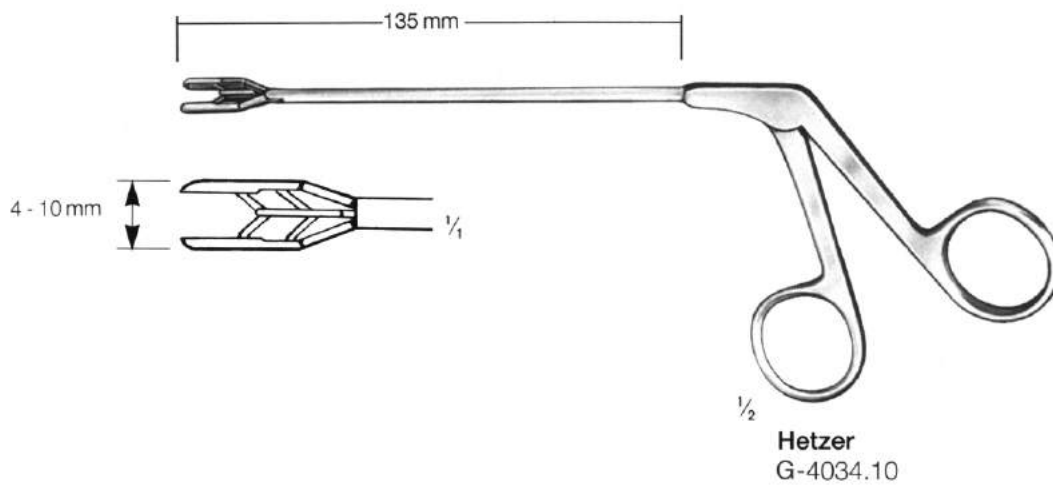
Atrial Retractors

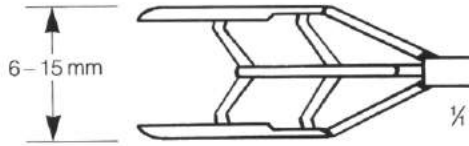


Ref. - #	A mm	B mm
G-3818.08	18	8
G-3835.12	35	12
G-3845.19	45	19

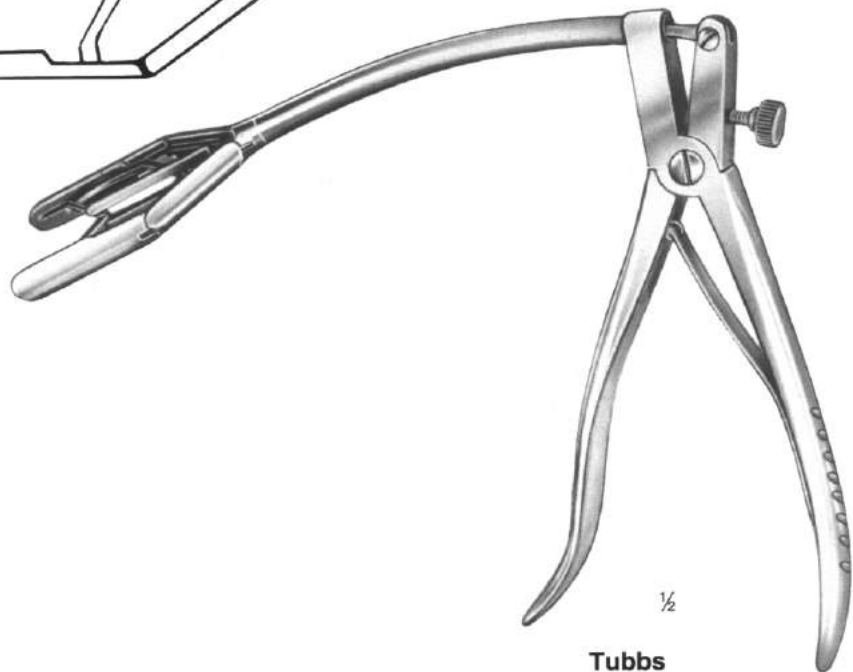
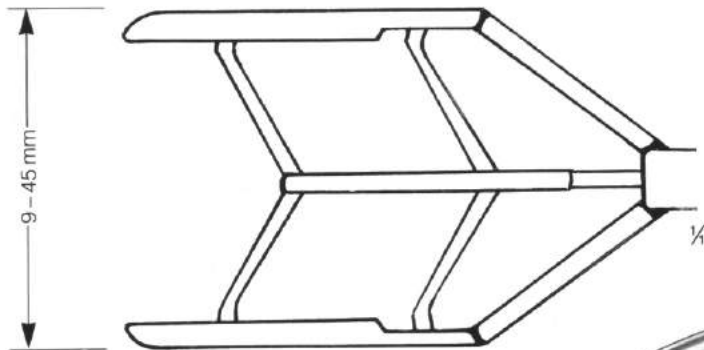
Ref. - #	A mm	B mm
G-3918.08	18	8
G-3935.15	35	15
G-3945.19	45	19
G-3945.44	45	44

Valve Dilators





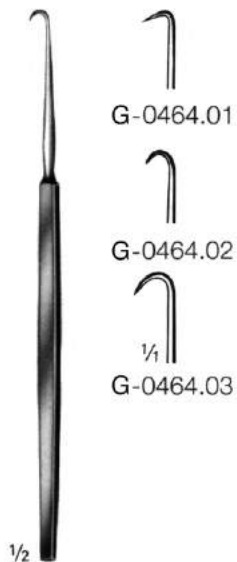
Cooley
G-4046.15



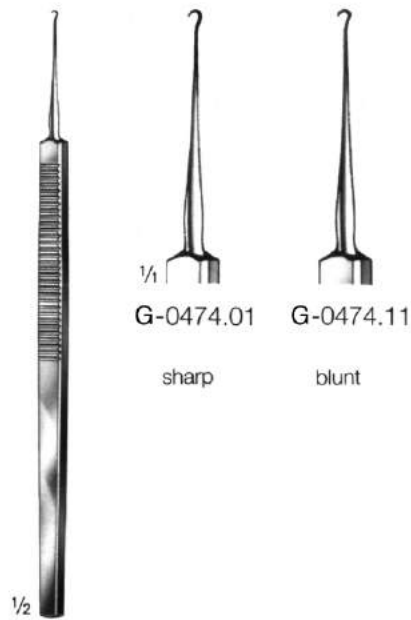
Tubbs
G-4069.45



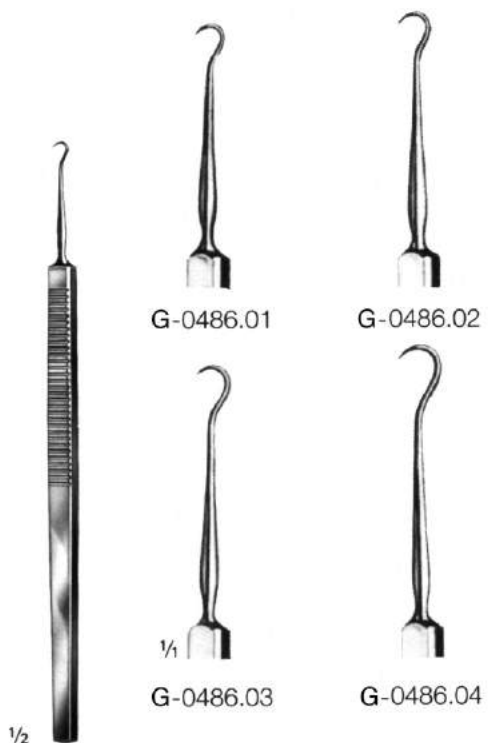
14 cm/5 1/2"
G-0460.14



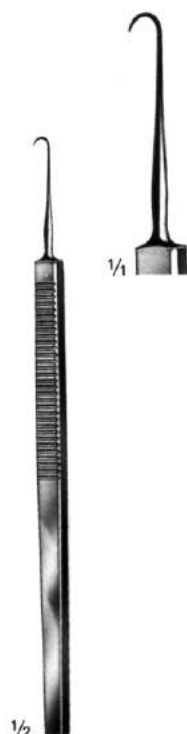
Cushing
14,5 cm/5 1/2"



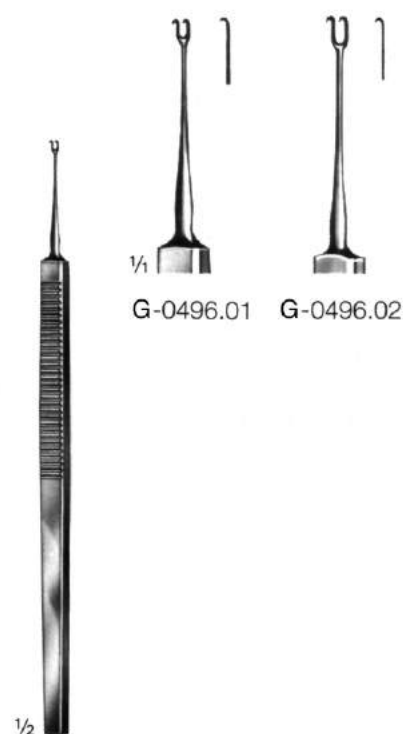
Graefe
16 cm/6 1/4"



16 cm/6 1/4"



O'Connor
16 cm/6 1/4"
G-0050.16



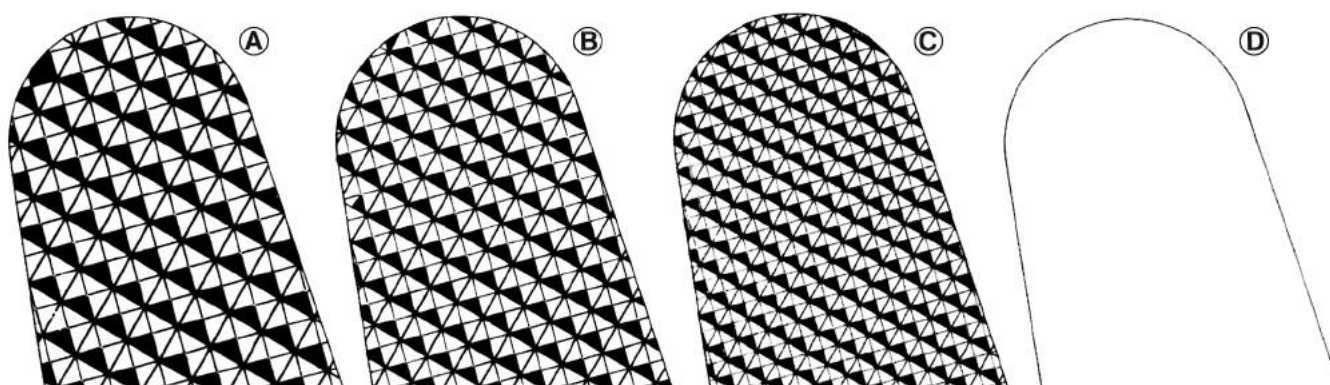
Guthrie
16 cm/6 1/4"

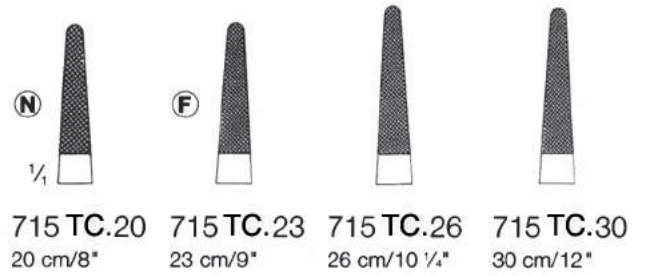
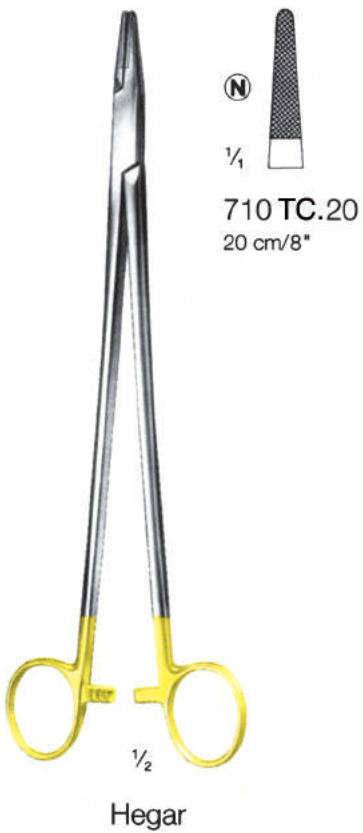
TTC

- Instruments with tungsten carbide inserts
- Instruments avec carbure de tungsten inséré
- Instrumentos con inserciones de tungsteno


As, surgical procedures call for a variety of needles and sutures. Therefore, we made available needleholders with Tungsten Carbide jaws that have different ground profiles.

- (A) 0.5 the normal serration** (for big needles and sutures up to 4/0)
- (B) 0.4 the fine serration** (for needles with smaller diameter and sutures up to 6/0)
- (C) 0.3 the micro-fine serration** (for very small needles and sutures up to 10/0)
- (D) smooth, without any serration** (can hold small and very small needles and sutures up to 10/0 rotate)





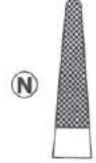





720 TC.24
 24 cm/9 1/2"




Mathieu






720 TC.14 **720 TC.17** **720 TC.20**
 14 cm/5 1/2" 17 cm/6 3/4" 20 cm/8"



Mathieu






721 TC.17 **721 TC.20** **721 TC.23**
 17 cm/6 3/4" 20 cm/8" 23 cm/9"

Mathieu





726 TC.20 **726 TC.23**
 20 cm/8" 23 cm/9"

Zweifel



Langenbeck



723 TC.16
16 cm/6 1/4"



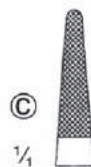
723 TC.18
18 cm/7"



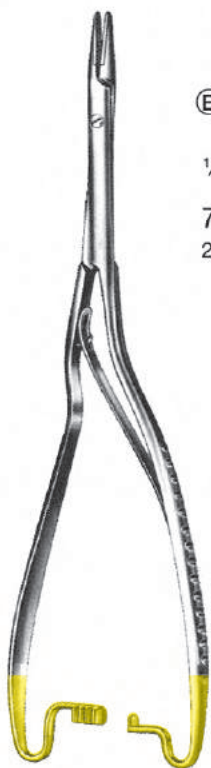
723 TC.20
20 cm/8"



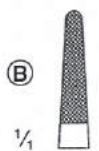
Langenbeck



724 TC.20
20 cm/8"



Lütthy-Beck



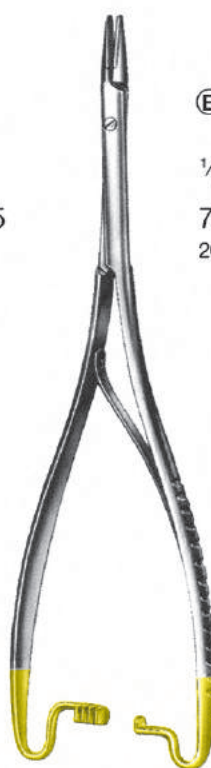
728 TC.20
20 cm/8"



728 TC.23
23 cm/9"



728 TC.25
25 cm/10"



Hösel



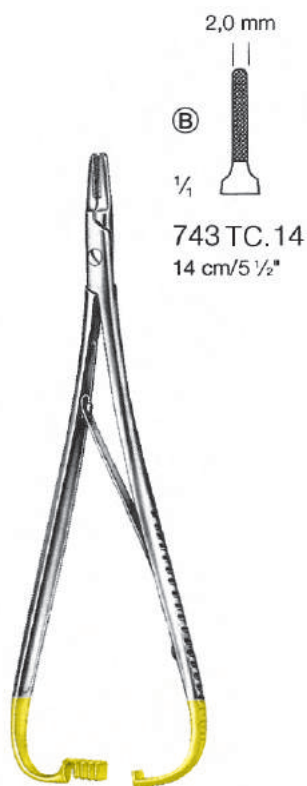
735 TC.20
20 cm/8"



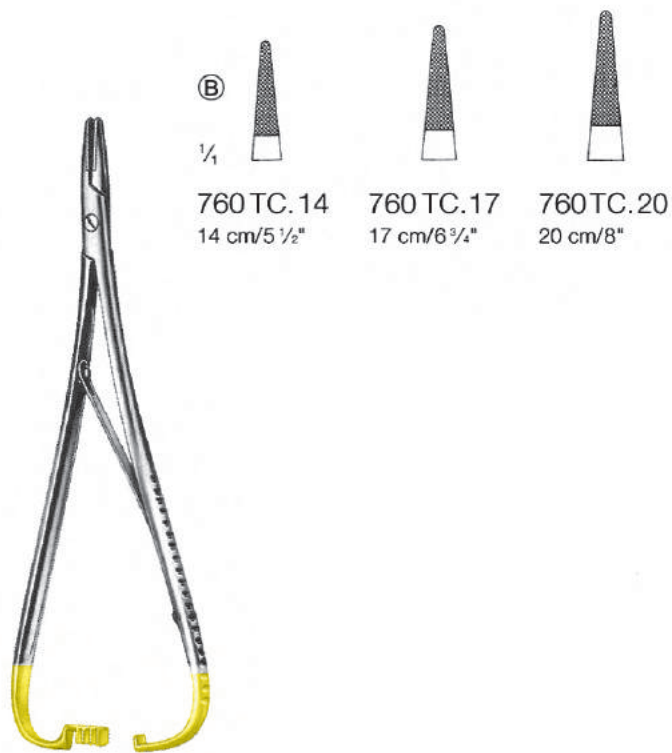
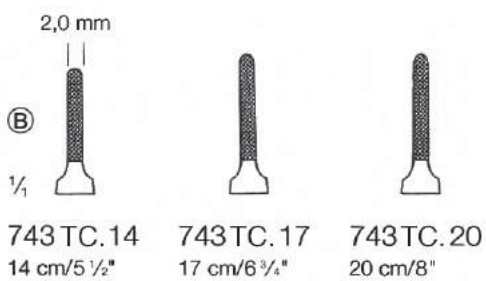
735 TC.23
23 cm/9"



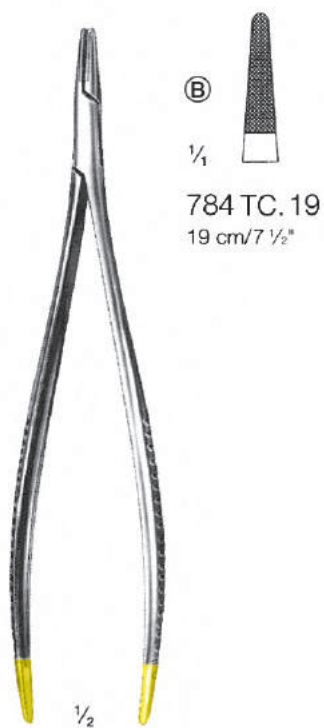
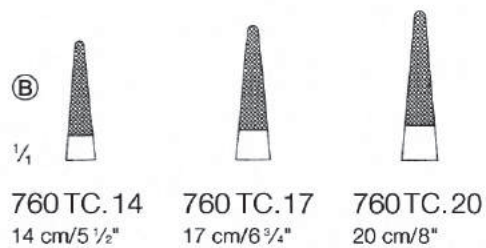
735 TC.25
25 cm/10"



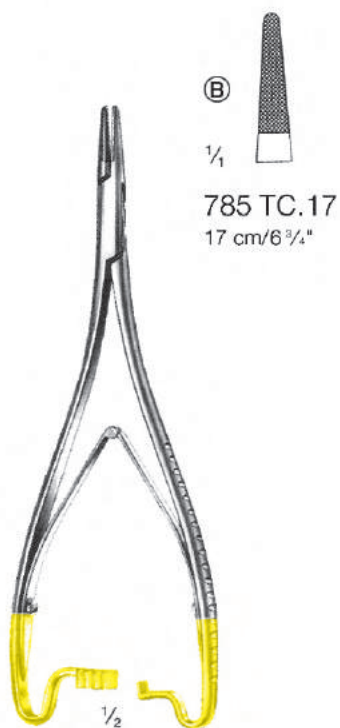
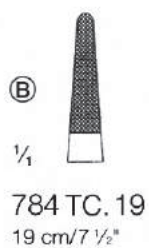
Lichtenberg-Ryder



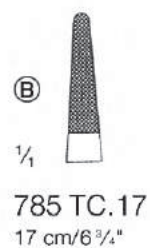
Lichtenberg



Tönnies

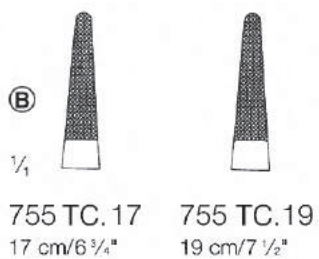


Mathieu-Grazil

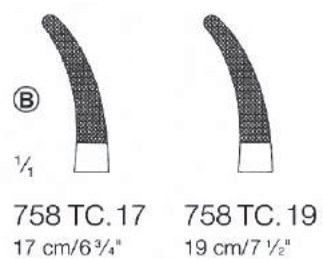




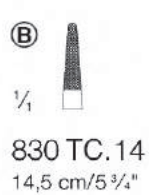
Mathieu-Stillie



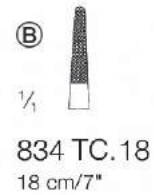
Metzenbaum

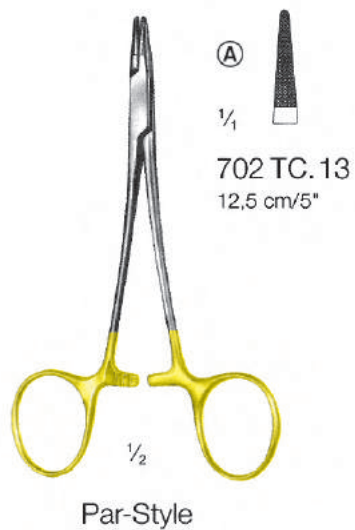


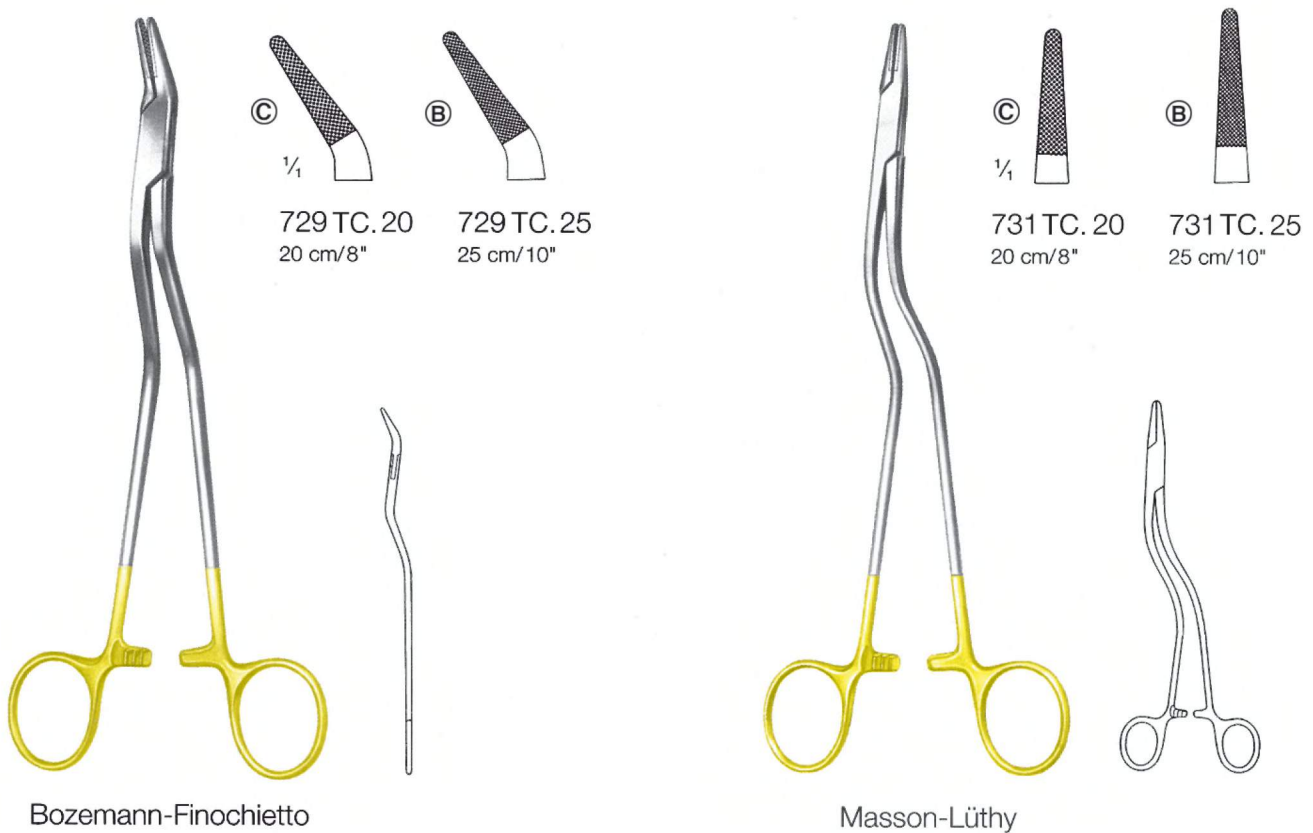
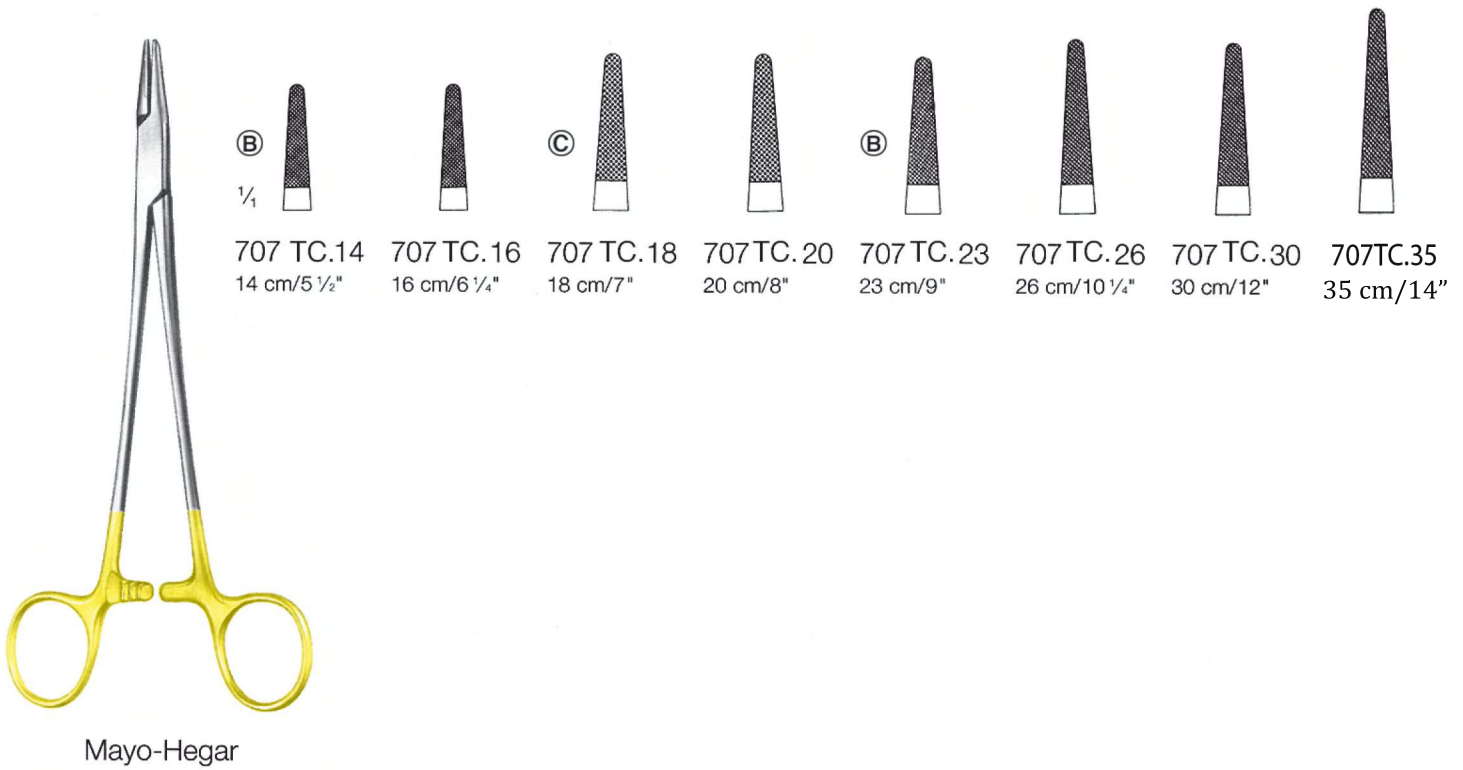
Swedish

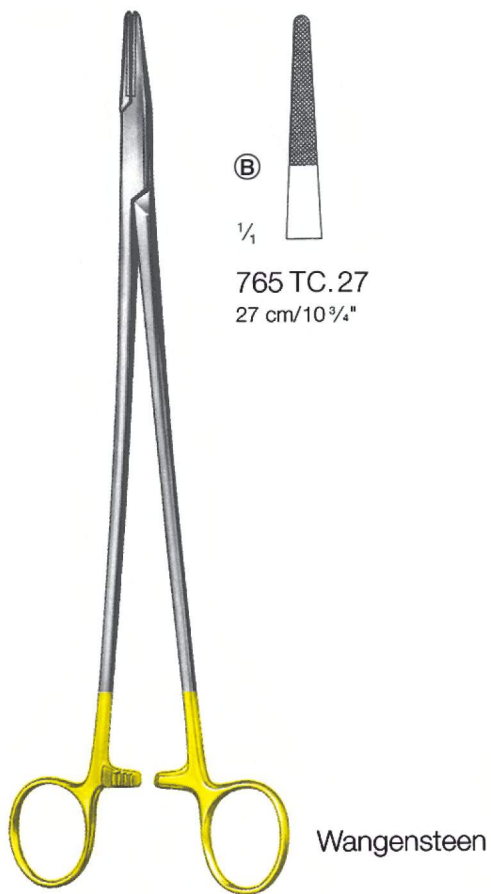
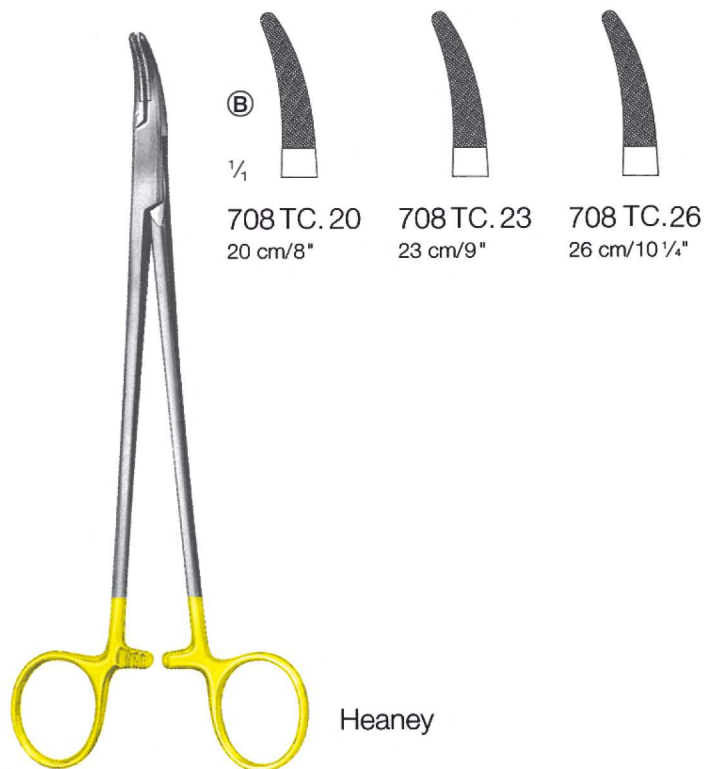


Senning



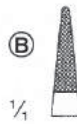






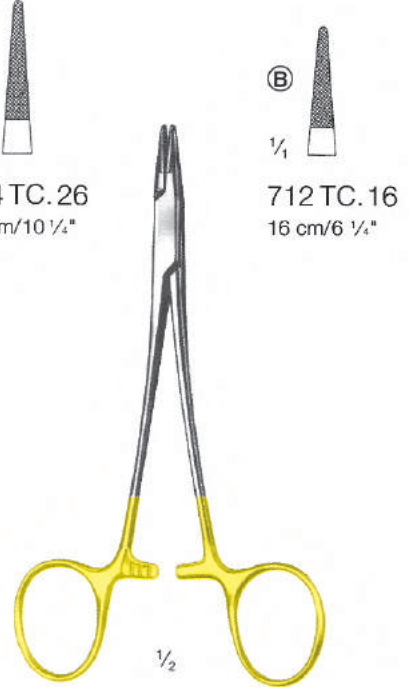







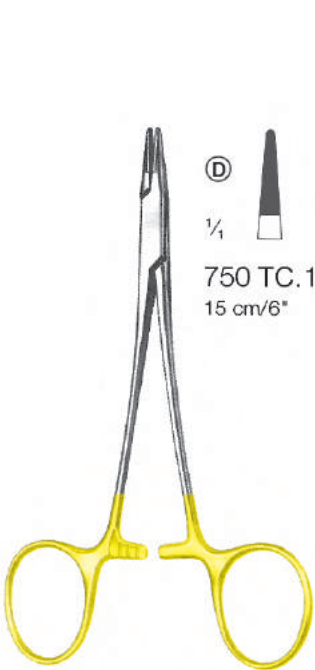
Crile-Wood (Newman)

 ① $\frac{1}{4}$	 $\frac{1}{4}$	 $\frac{1}{4}$	 $\frac{1}{4}$	 $\frac{1}{4}$
712 TC.15 15 cm/6"	734 TC.18 18 cm/7"	734 TC.20 20 cm/8"	734 TC.23 23 cm/9"	734 TC.26 26 cm/10 $\frac{1}{4}$ "










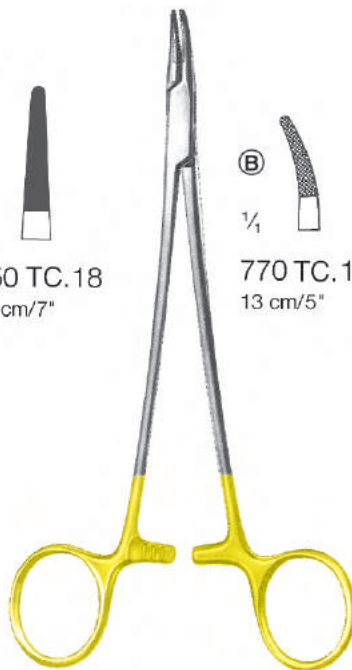
Crile-Wood (Newman)

 ① $\frac{1}{4}$
712 TC.16 16 cm/6 $\frac{1}{4}$ "

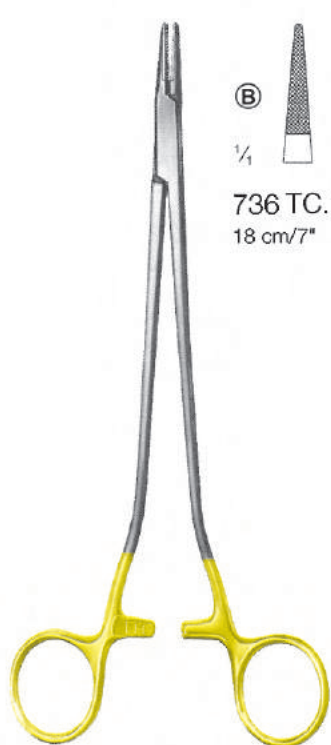


Crile-Wood

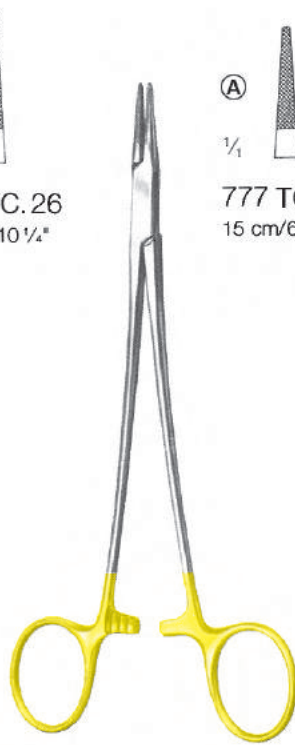
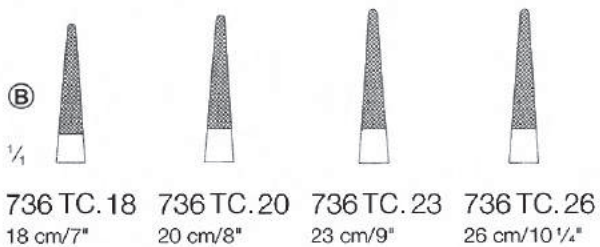
 ② $\frac{1}{4}$	 $\frac{1}{4}$	 ① $\frac{1}{4}$	 $\frac{1}{4}$	 $\frac{1}{4}$	 $\frac{1}{4}$	 $\frac{1}{4}$
750 TC.15 15 cm/6"	750 TC.18 18 cm/7"	770 TC.13 13 cm/5"	770 TC.15 15 cm/5"	770 TC.18 18 cm/7"	770 TC.20 20 cm/8"	770 TC.23 23 cm/9"



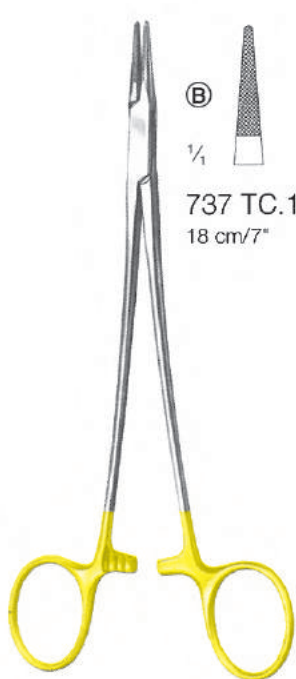
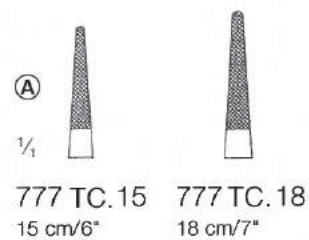
Crile-Wood



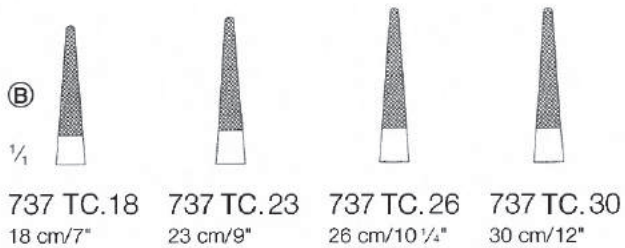
Sartorius



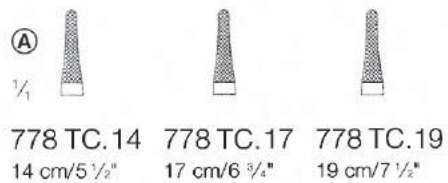
Micro-Vascular



DeBakey







Lemmon



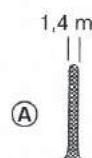











French eye (Ryder)

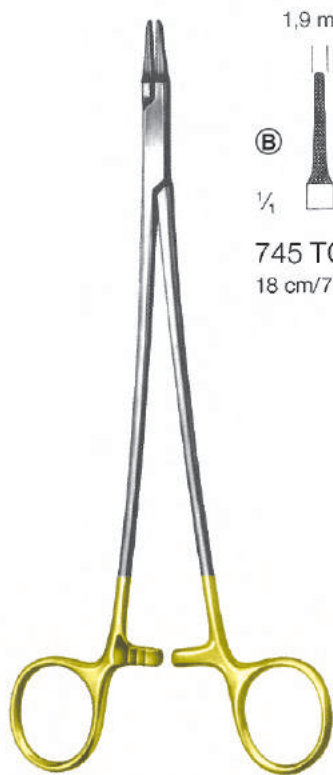
 <p>ⓑ</p> <p>1/4</p>			
<p>739 TC.16 16 cm/6 1/4"</p>	<p>739 TC.18 18 cm/7"</p>	<p>739 TC.20 20 cm/8"</p>	<p>739 TC.26 26 cm/10 1/4"</p>



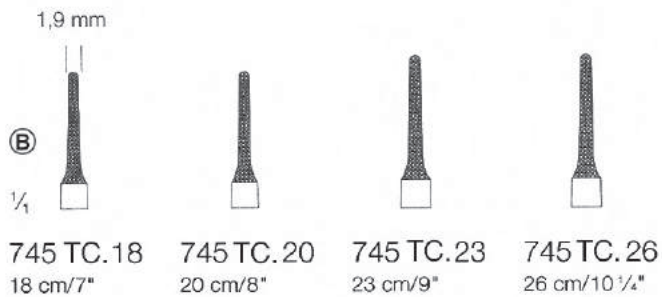
Micro-Ryder

 <p>Ⓐ</p> <p>1,4 mm</p> <p>1/4</p>				
<p>740 TC.13 13 cm/5"</p>	<p>740 TC.15 15 cm/6"</p>	<p>740 TC.18 18 cm/7"</p>	<p>740 TC.20 20 cm/8"</p>	<p>740 TC.23 23 cm/9"</p>

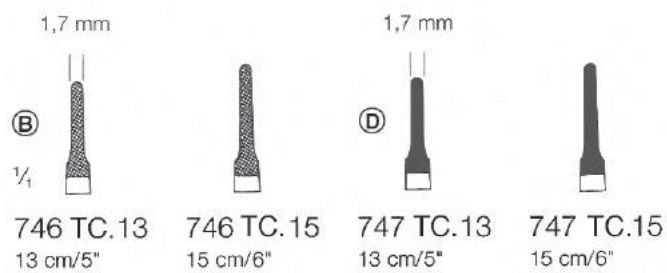
 <p>Ⓓ</p> <p>1,4 mm</p> <p>1/4</p>				
<p>741 TC.13 13 cm/5"</p>	<p>741 TC.15 15 cm/6"</p>	<p>741 TC.18 18 cm/7"</p>	<p>741 TC.20 20 cm/8"</p>	<p>741 TC.23 23 cm/9"</p>



Intracardiac



Neurosurgical

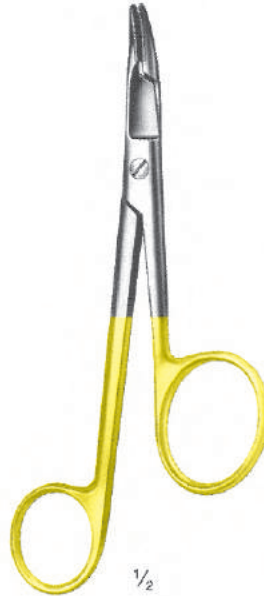




Gillies mini



775 TC.14
 14 cm/5 1/2"



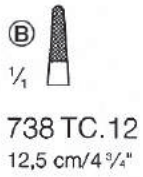
Gillies



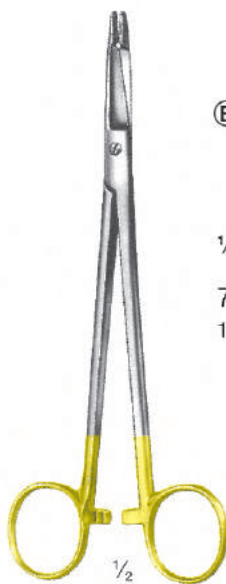
775 TC.16
 16 cm/6 1/4"



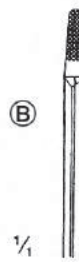
Olsen-Hegar mini



738 TC.12
 12,5 cm/4 3/4"



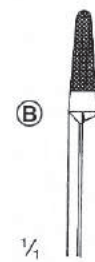
Olsen-Hegar



738 TC.16
 16 cm/6 1/4"



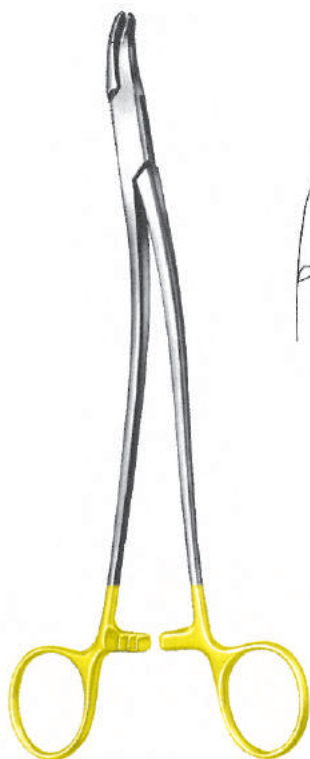
Olsen-Hegar



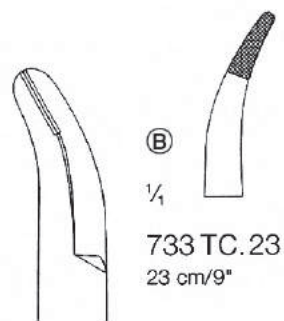
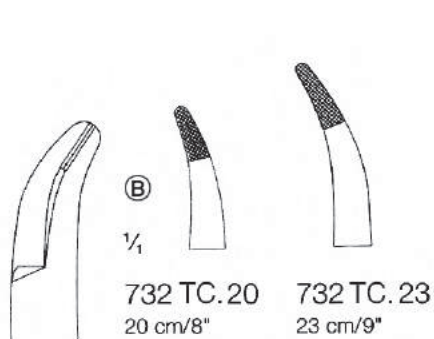
738 TC.14
 14 cm/5 1/2"



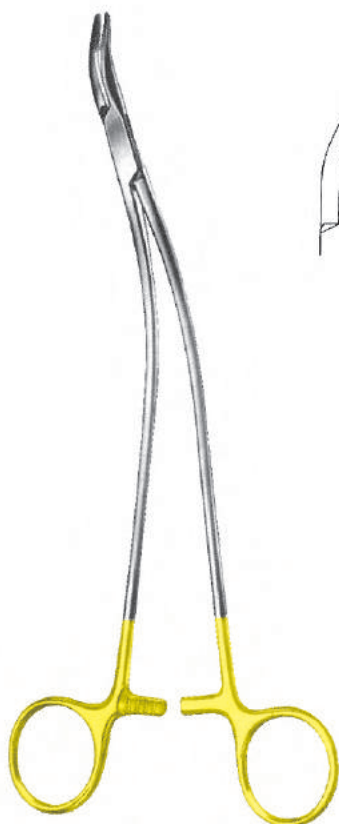
738 TC.18
 18 cm/7"



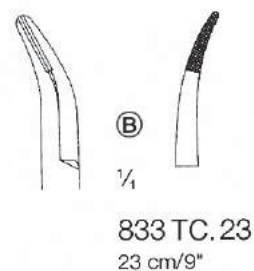
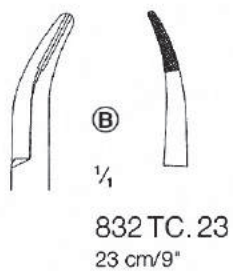
Stratte



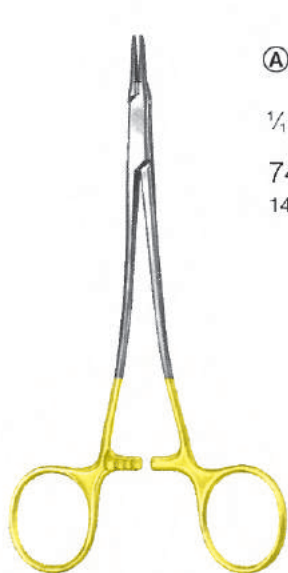
Stratte reverse







Stratte Delicate



Stratte Delicate reverse




Eufrate-Pasqué

<p>Ⓐ</p> <p>¼</p> 			
<p>748 TC.14</p> <p>14 cm/5 ½"</p>	<p>748 TC.15</p> <p>15 cm/6"</p>	<p>748 TC.18</p> <p>18 cm/7"</p>	<p>748 TC.20</p> <p>20 cm/8"</p>



Eufrate-Pasqué

<p>Ⓓ</p> <p>¼</p> 			
<p>749 TC.14</p> <p>14 cm/5 ½"</p>	<p>749 TC.15</p> <p>15 cm/6"</p>	<p>749 TC.18</p> <p>18 cm/7"</p>	<p>749 TC.20</p> <p>20 cm/8"</p>




















1/2

Micro
 Ø 8 mm
 14 cm/5 1/2"
 15 cm/6"

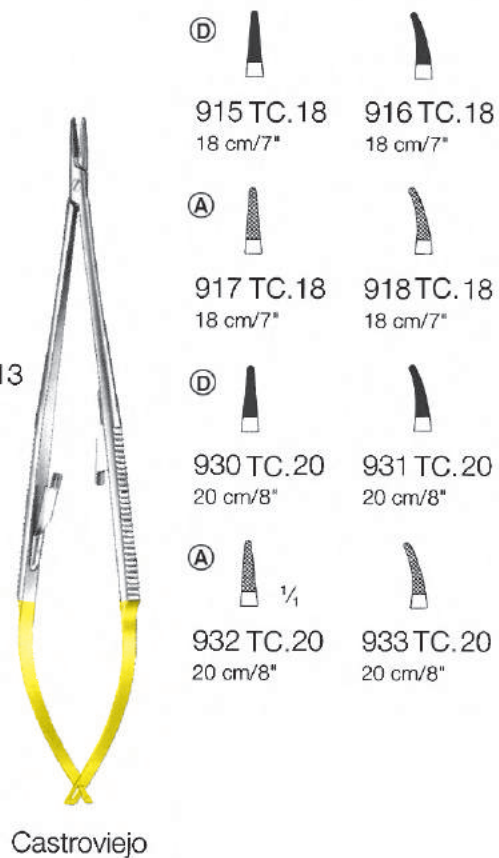
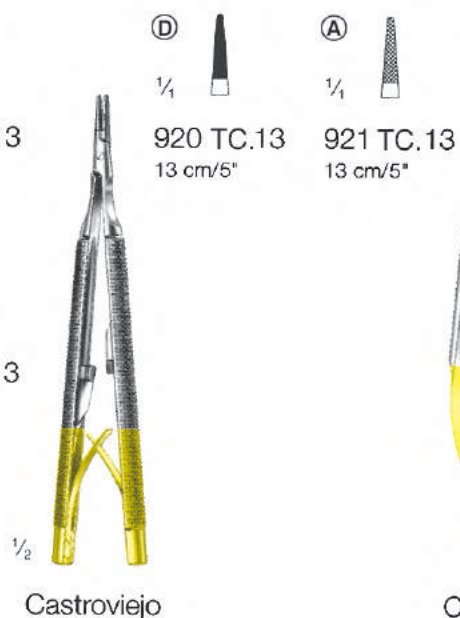
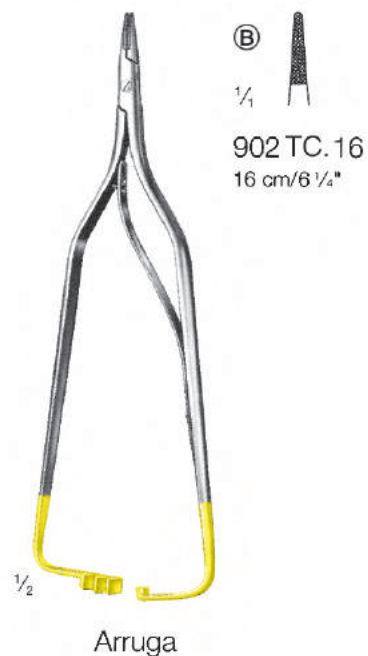
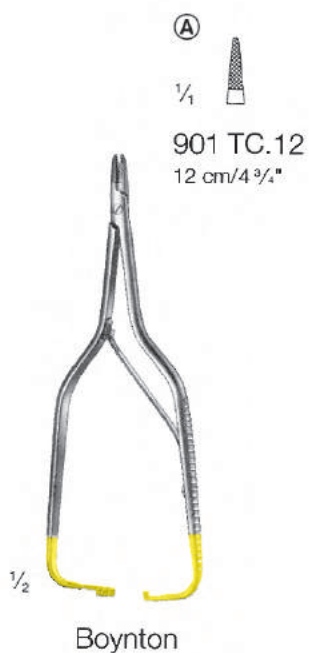
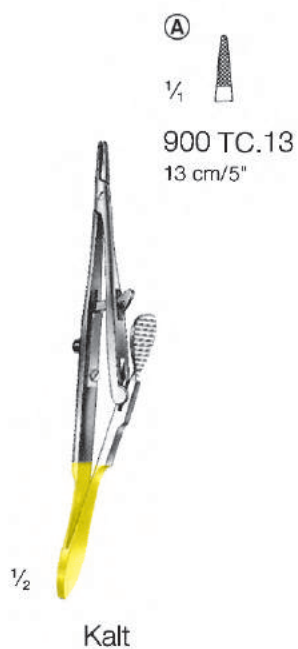
with spring catch		1,2 mm	1,5 mm	1,8 mm	2,5 mm	1,2 mm	1,5 mm	1,8 mm	2,5 mm
(D) 14 cm/5 1/2" 15 cm/6*	614	TC. 12				614	TC. 32		
	615	TC. 12	615 TC. 15	615 TC. 18	615 TC. 25	615 TC. 32	615 TC. 35	615 TC. 38	615 TC. 45
(A) 1/1 14 cm/5 1/2" 15 cm/6*	614	TC. 52				614	TC. 72		
	615	TC. 52	615 TC. 55	615 TC. 58	615 TC. 65	615 TC. 72	615 TC. 75	615 TC. 78	615 TC. 85



with spring catch





	1,2 mm	1,5 mm	1,8 mm	2,5 mm	1,2 mm	1,5 mm	1,8 mm	2,5 mm	
D 1/1									
18 cm/7"	618 TC. 12	618 TC. 15	618 TC. 18	618 TC. 25	618 TC. 32	618 TC. 35	618 TC. 38	618 TC. 45	
21 cm/8 1/4"	621 TC. 12		621 TC. 18		621 TC. 32		621 TC. 38		
23 cm/9"	623 TC. 12		623 TC. 18		623 TC. 32		623 TC. 38		
A 1/1									
18 cm/7"	618 TC. 52	618 TC. 55	618 TC. 58	618 TC. 65	618 TC. 72	618 TC. 75	618 TC. 78	618 TC. 85	618 TC. 92
21 cm/8 1/4"	621 TC. 52		621 TC. 58		621 TC. 72		621 TC. 78		
23 cm/9"	623 TC. 52		623 TC. 58		623 TC. 72		623 TC. 78		

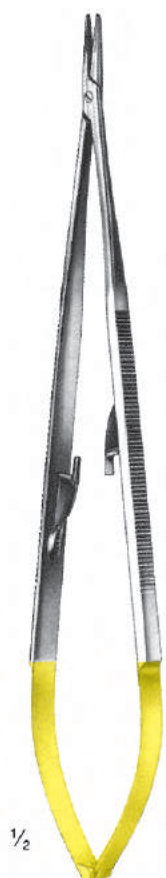
Micro
 Ø 9 mm
 18 cm/7"
 21 cm/8 1/4"
 23 cm/9"






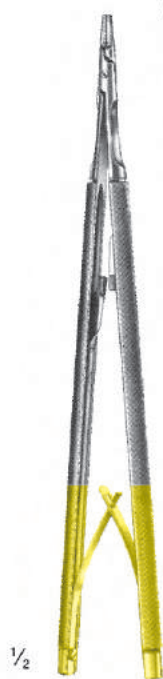
Mayo-Castroviejo

	1,2 mm			
				
16 cm/6 1/4"	940 TC.16	950 TC.16	945 TC.16	955 TC.16
18 cm/7"	941 TC.18	951 TC.18	946 TC.18	956 TC.18
20 cm/8"	942 TC.20	952 TC.20	947 TC.20	957 TC.20
23 cm/9"	943 TC.23	953 TC.23	948 TC.23	958 TC.23
26 cm/10 1/4"	944 TC.26	954 TC.26	949 TC.26	959 TC.26




 791 TC.24
 24 cm/9 1/2"

Giannini





 970 TC.18
 18 cm/7"

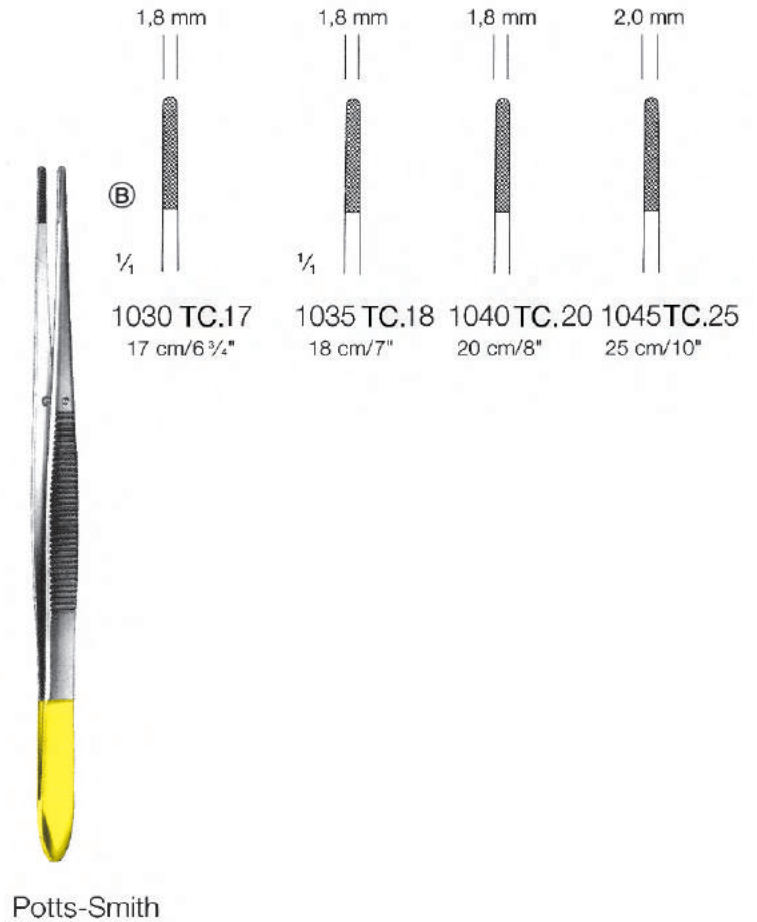
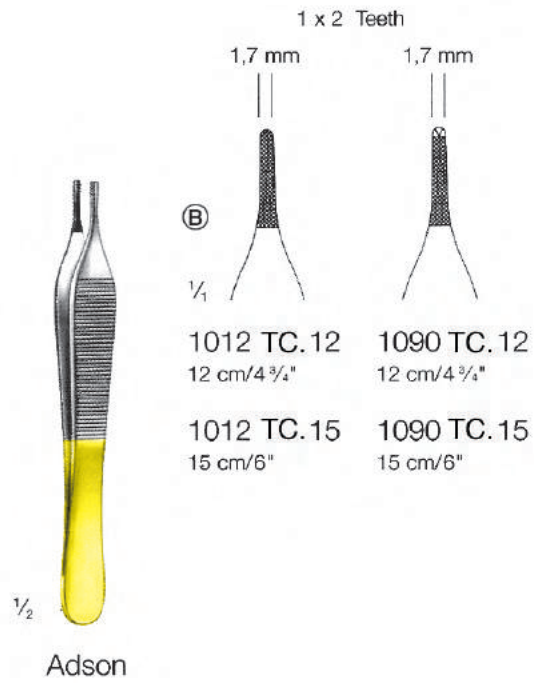
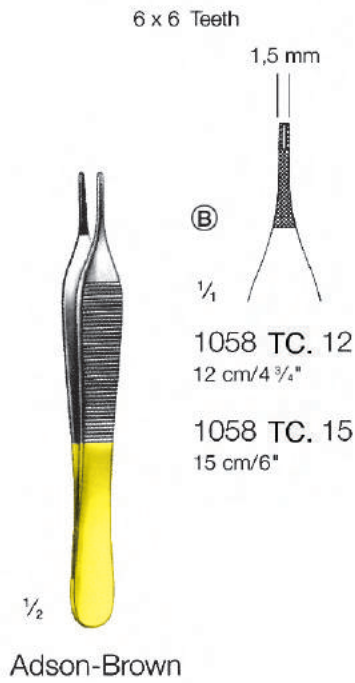
Hepp-Scheidel


 971 TC.18
 18 cm/7"



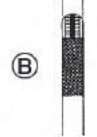
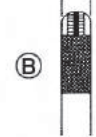




 793 TC.18
 18 cm/7"

Parell



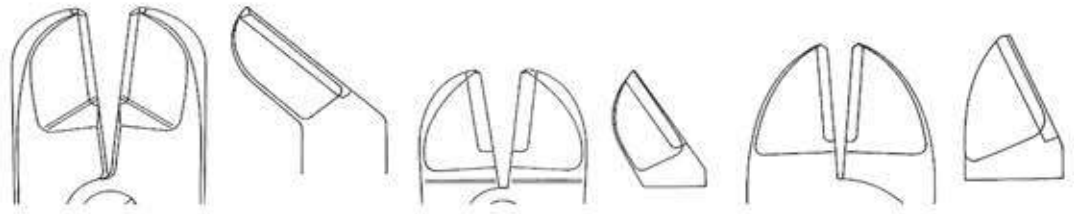


	2,0 mm	2,7 mm	3,5 mm		1,5 mm
	 ② $\frac{1}{4}$	 ②	 ②		 ② $\frac{1}{4}$
	1200 TC.15 15 cm/6"	1205 TC.15 15 cm/6"			1215 TC.15 15 cm/6"
	1201 TC.20 20 cm/8"	1206 TC.20 20 cm/8"	1210 TC.20 20 cm/8"		1216 TC.20 20 cm/8"
1202 TC.24 24 cm/9 1/2"	1207 TC.24 24 cm/9 1/2"	1211 TC.24 24 cm/9 1/2"		1217 TC.24 24 cm/9 1/2"	
DeBakey				DeBakey	

Wire Cutting Pliers

Pinces fil de coupe

Alicates de corte de alambre



for soft wire up to \varnothing 3.0 mm
for hard wire up to \varnothing 2.5 mm

Müller-Claus
22 cm/8.75"
8-800TC.22



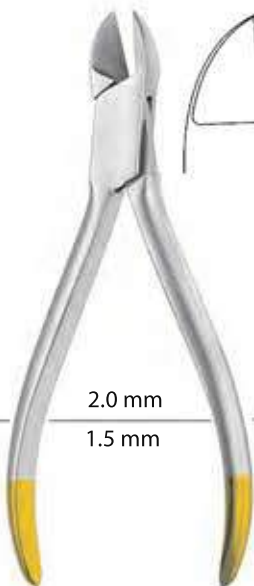
2.0 mm
1.6 mm

Müller-Claus
8-810TC.16 16 cm/6.25"
8-810TC.18 18 cm/7"



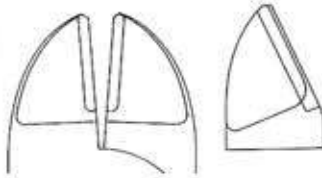
2.0 mm
1.6 mm

Reill
17.5 cm/6.75"
8-812TC.18



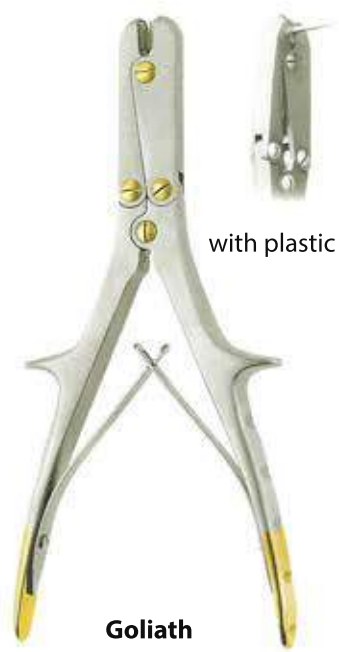
for soft wire up to \varnothing 2.0 mm
for hard wire up to \varnothing 1.5 mm

14 cm/5.5"
8-815TC.14



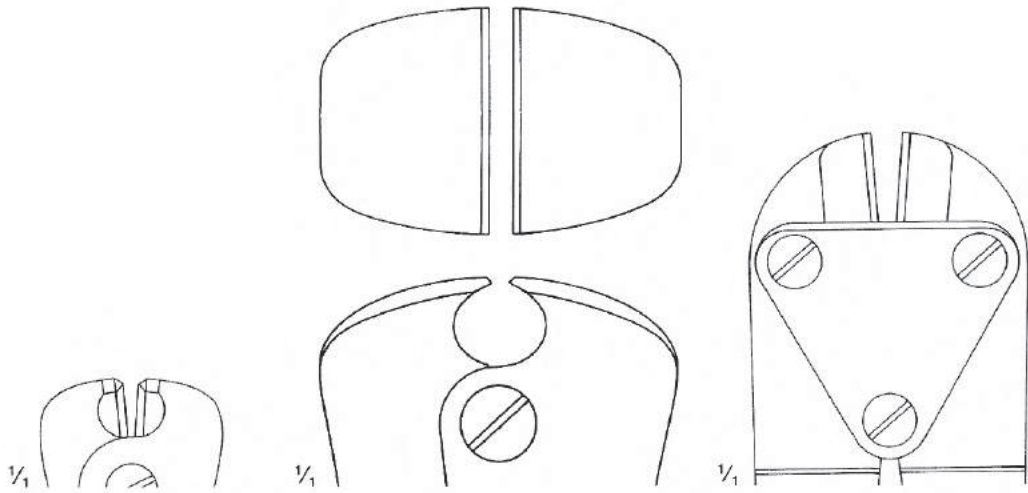
2.0 mm
1.5 mm

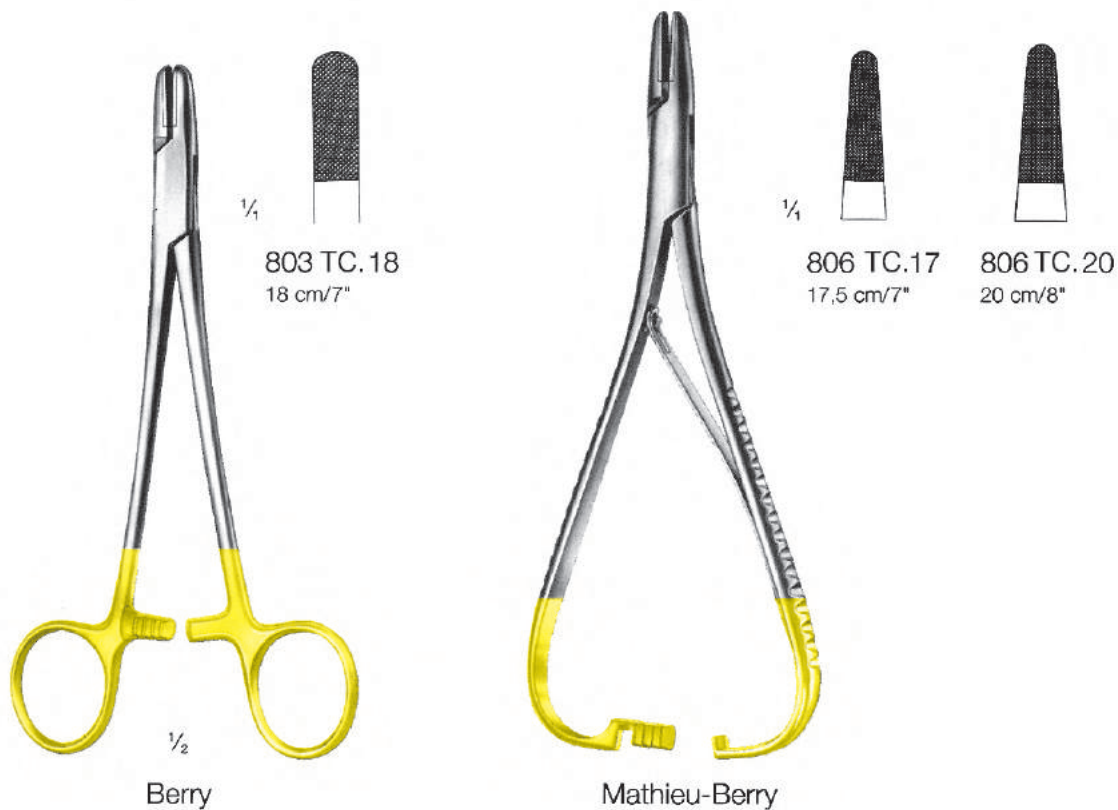
20 cm/8"
8-815TC.20



with plastic insert






Goliath
25 cm/10"
8-818TC.25









Mayo-Hauberisser

ⓑ					
1/4					
796 TC.16	797 TC.16	798 TC.16	797 TC.18	798 TC.18	
16 cm/6 1/4"	16 cm/6 1/4"	16 cm/6 1/4"	18 cm/7"	18 cm/7"	






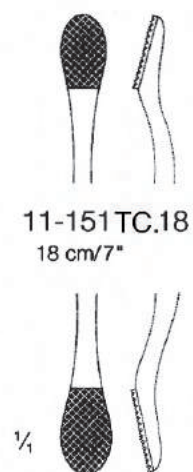
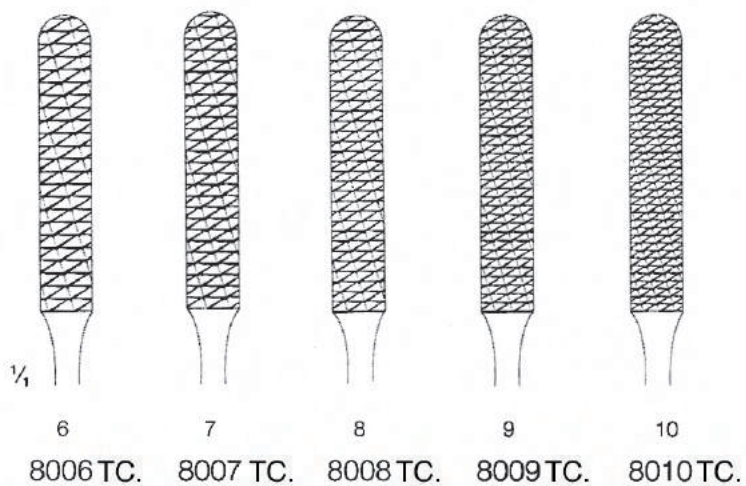
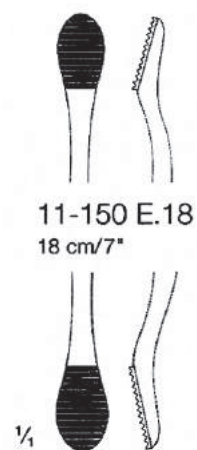
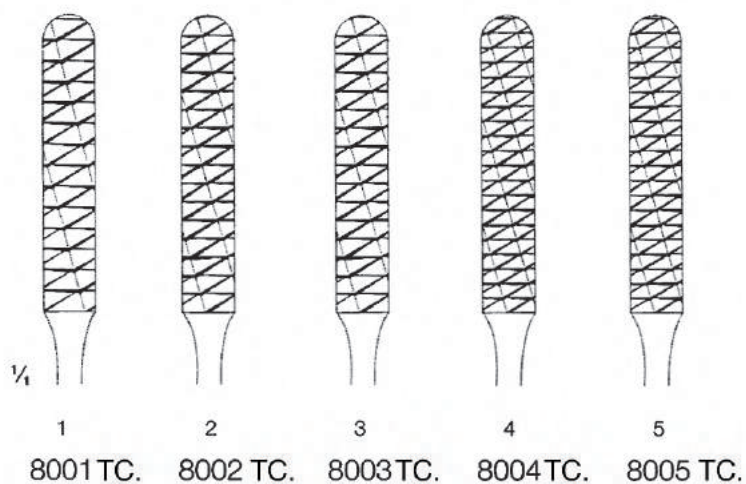
Mayo-Hauberisser

ⓑ		
1/4		
795 TC.17	795 TC.20	
17 cm/6 3/4"	20 cm/8"	



Corwin-Hegar

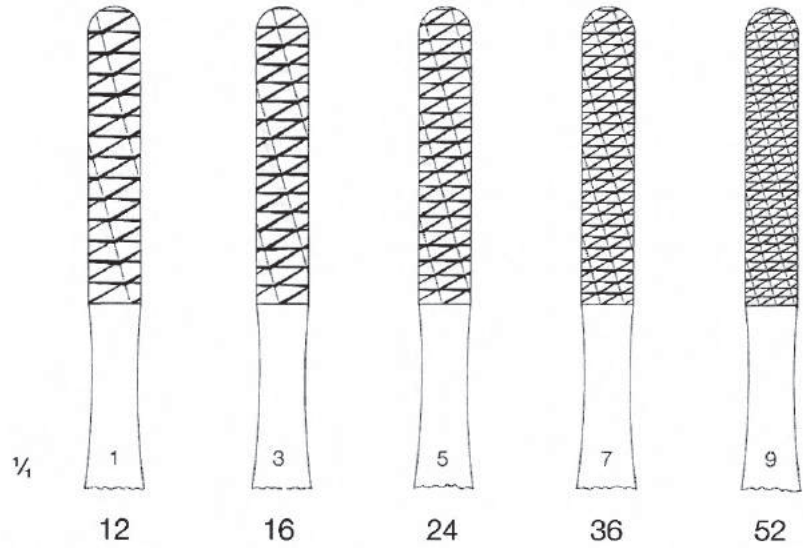
ⓑ			
1/4			
800 TC.16	801 TC.16	802 TC.16	
16 cm/6 1/4"	16 cm/6 1/4"	16 cm/6 1/4"	



Maltz
18 cm/7"

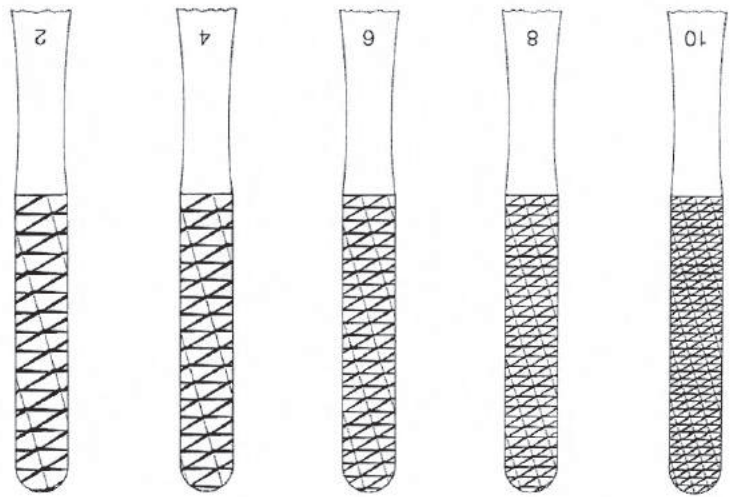


Miller



teeth per inch

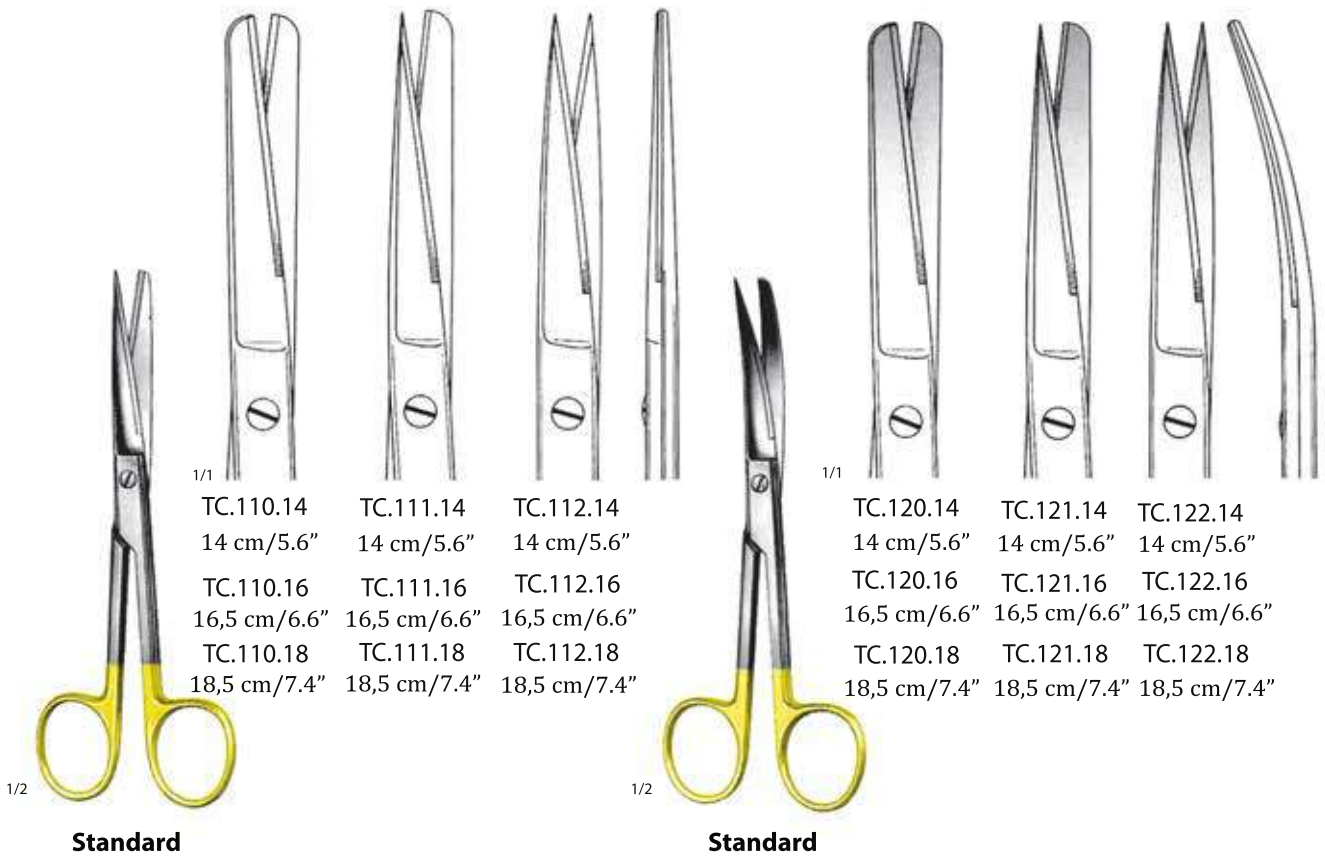
14 20 30 44 62



8012 TC. 8034 TC. 8056 TC. 8078 TC. 8091TC.

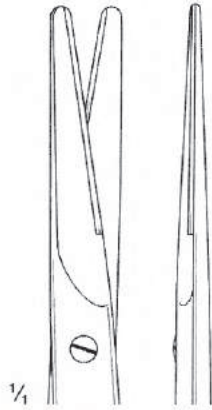


Fomon
20 cm/8"

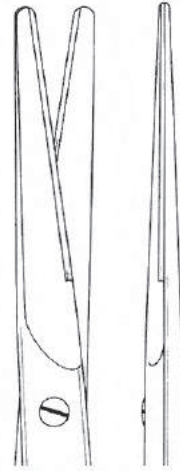




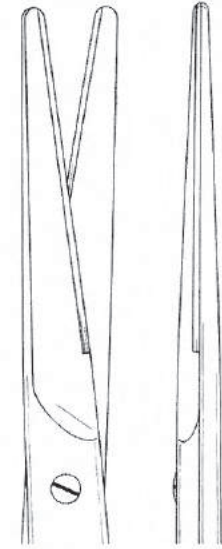
Mayo



TC.130.14
14 cm/5 1/2"



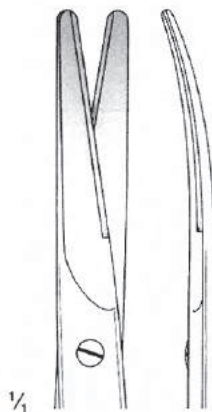
TC.130.17
17 cm/6 3/4"



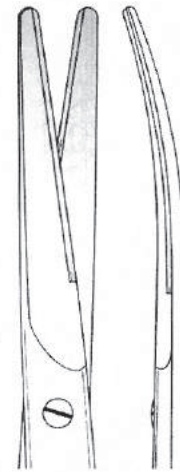
TC.160.23
23 cm/9"



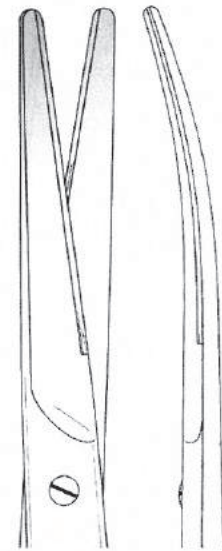
Mayo



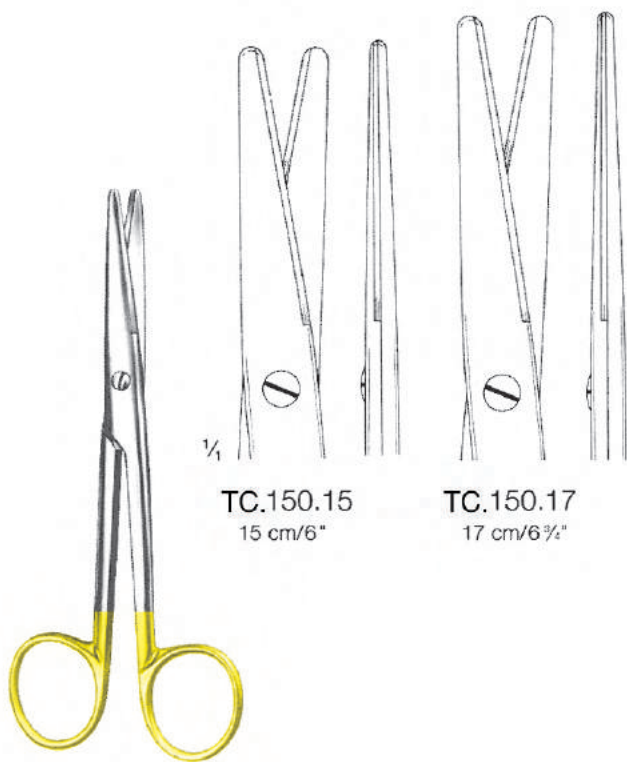
TC.131.14
14 cm/5 1/2"



TC.131.17
17 cm/6 3/4"



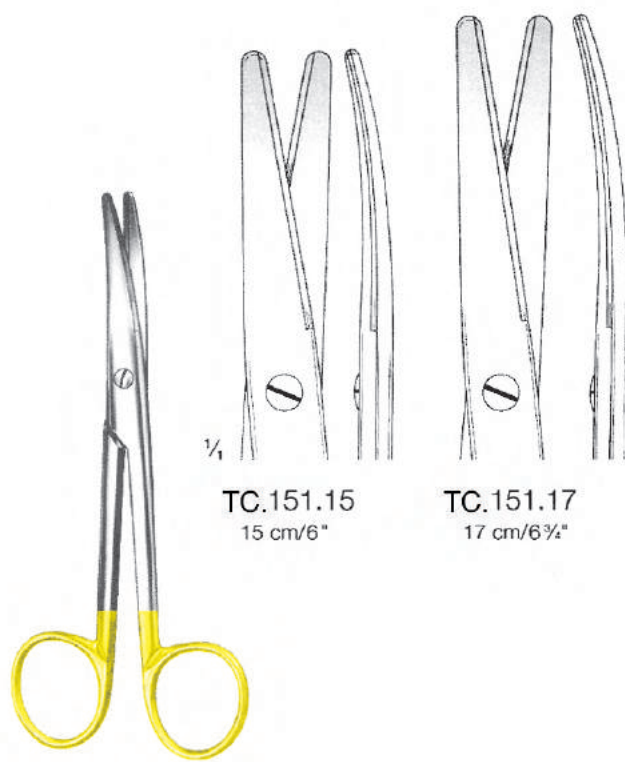
TC.161.23
23 cm/9"



TC.150.15
15 cm/6"

TC.150.17
17 cm/6 3/4"

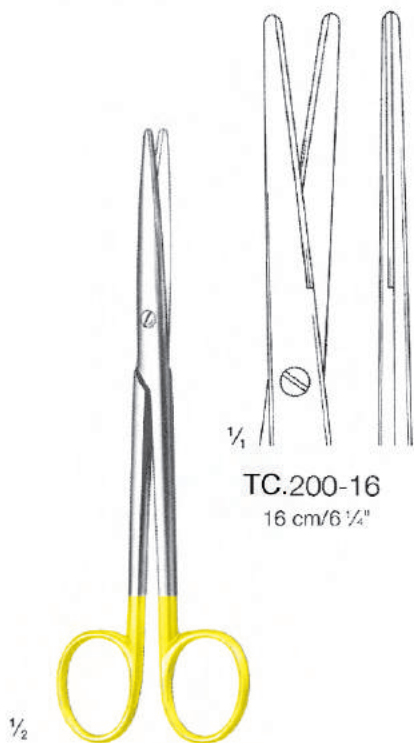
Mayo-Stille



TC.151.15
15 cm/6"

TC.151.17
17 cm/6 3/4"

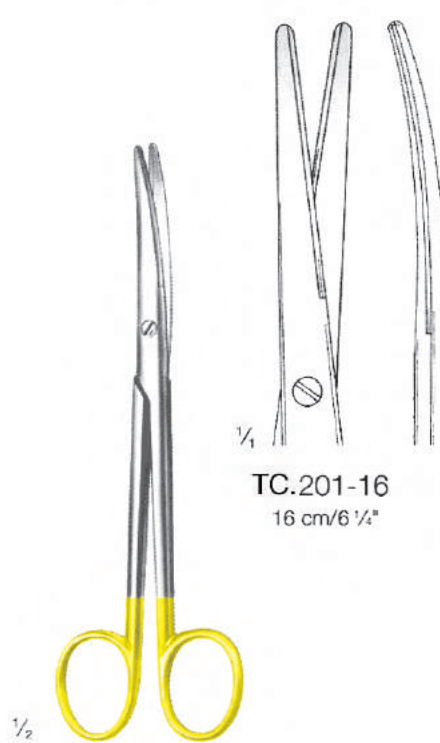
Mayo-Stille



TC.200-16
16 cm/6 1/4"

1/2

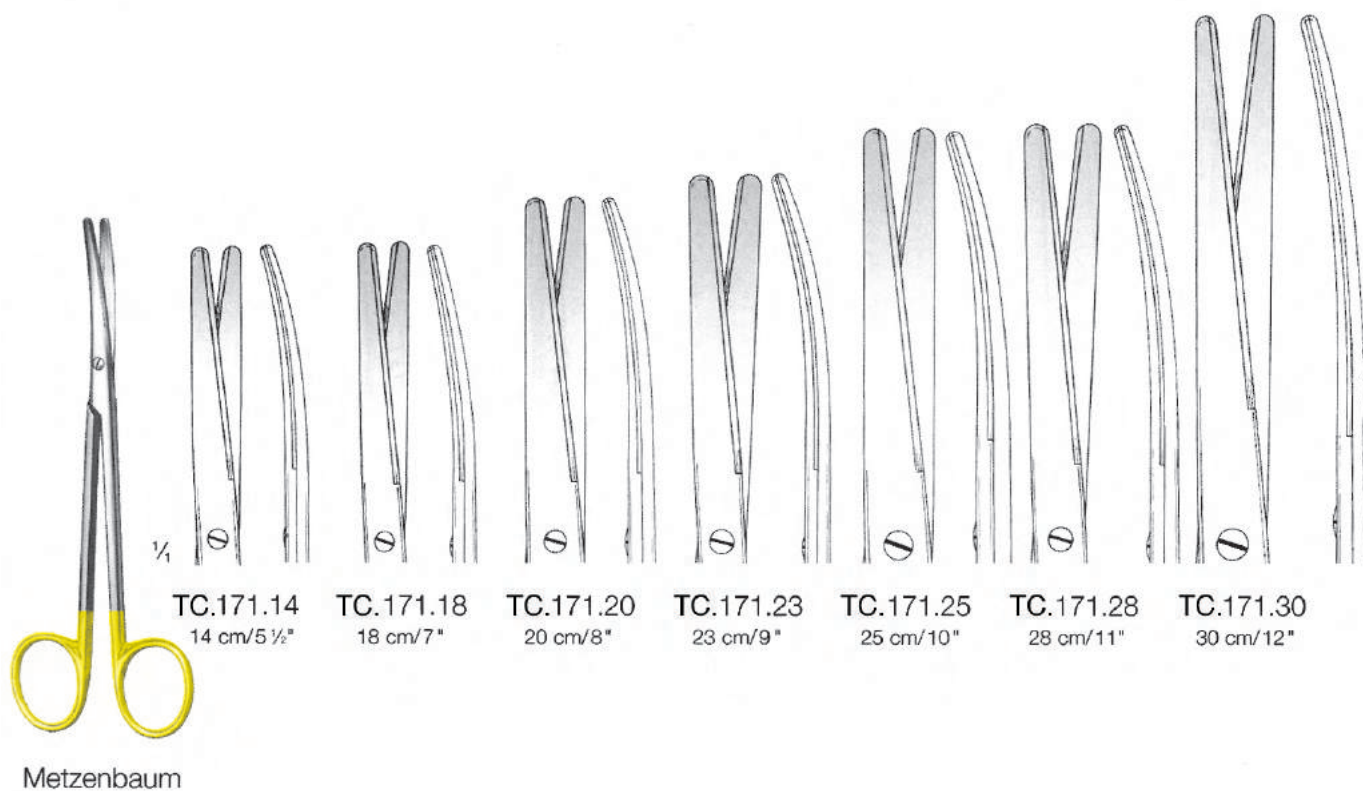
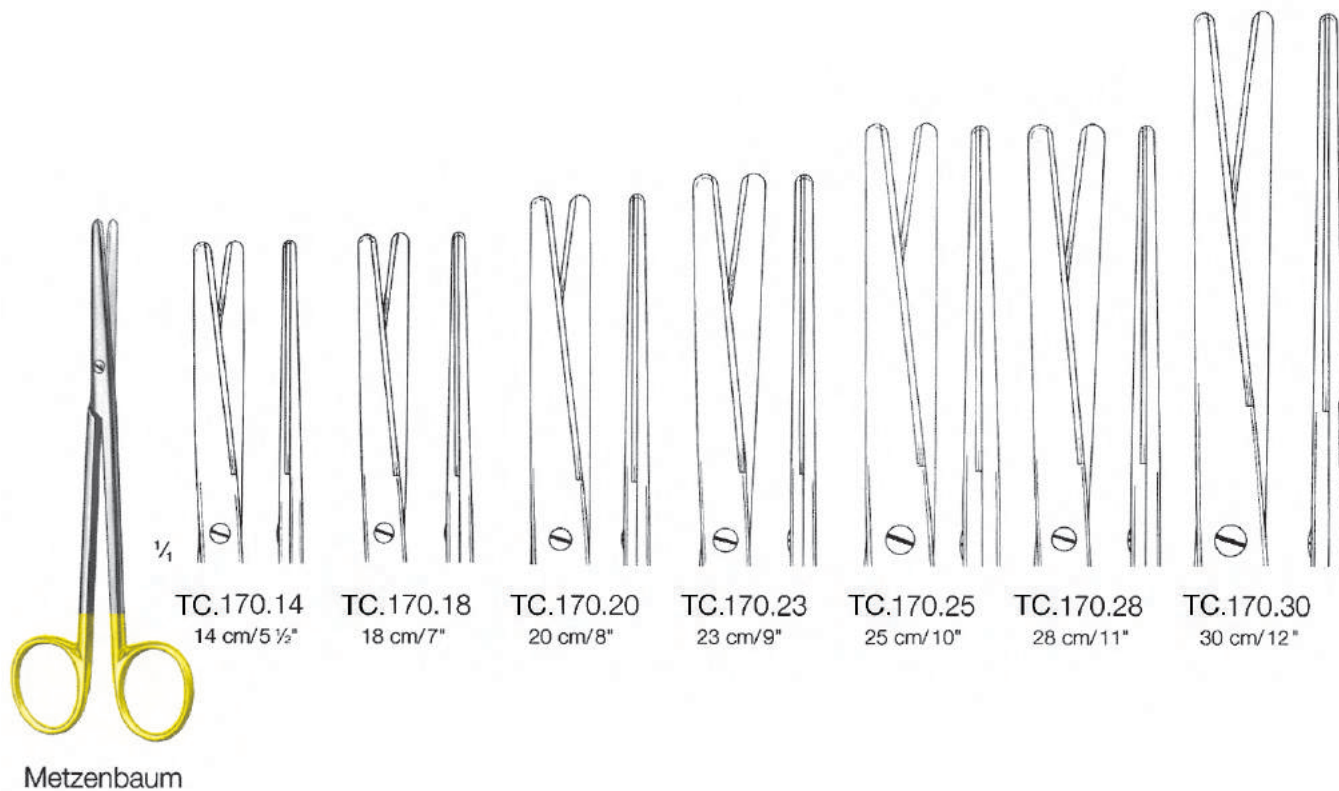
Mayo-Lexer

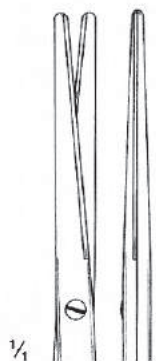


TC.201-16
16 cm/6 1/4"

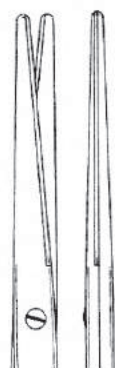
1/2

Mayo-Lexer





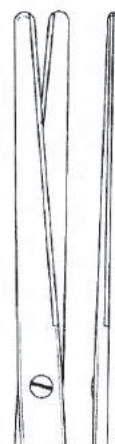
TC.190.14
14 cm/5 1/2"



TC.190.18
18 cm/7"

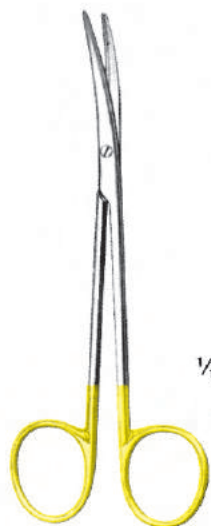


TC.190.20
20 cm/8"



TC.190.23
23 cm/9"

Metzenbaum-Fino



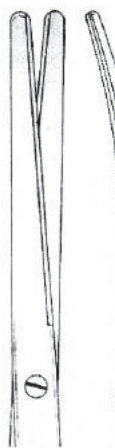
TC.191.14
14 cm/5 1/2"



TC.191.18
18 cm/7"

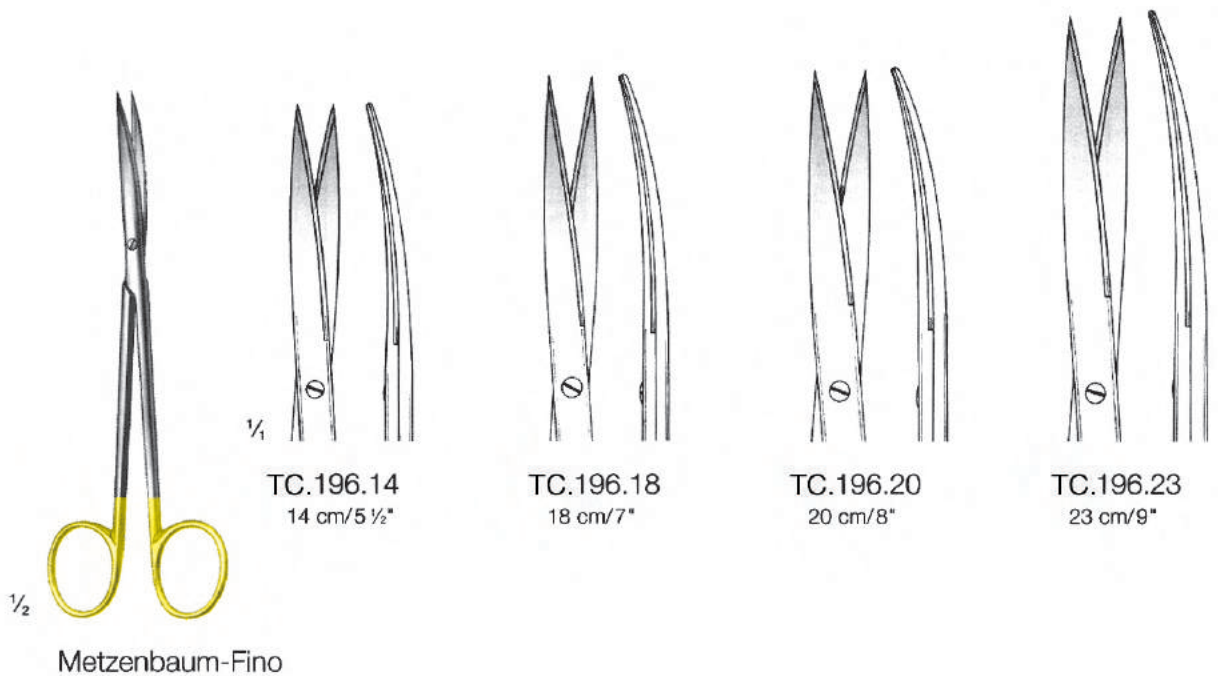
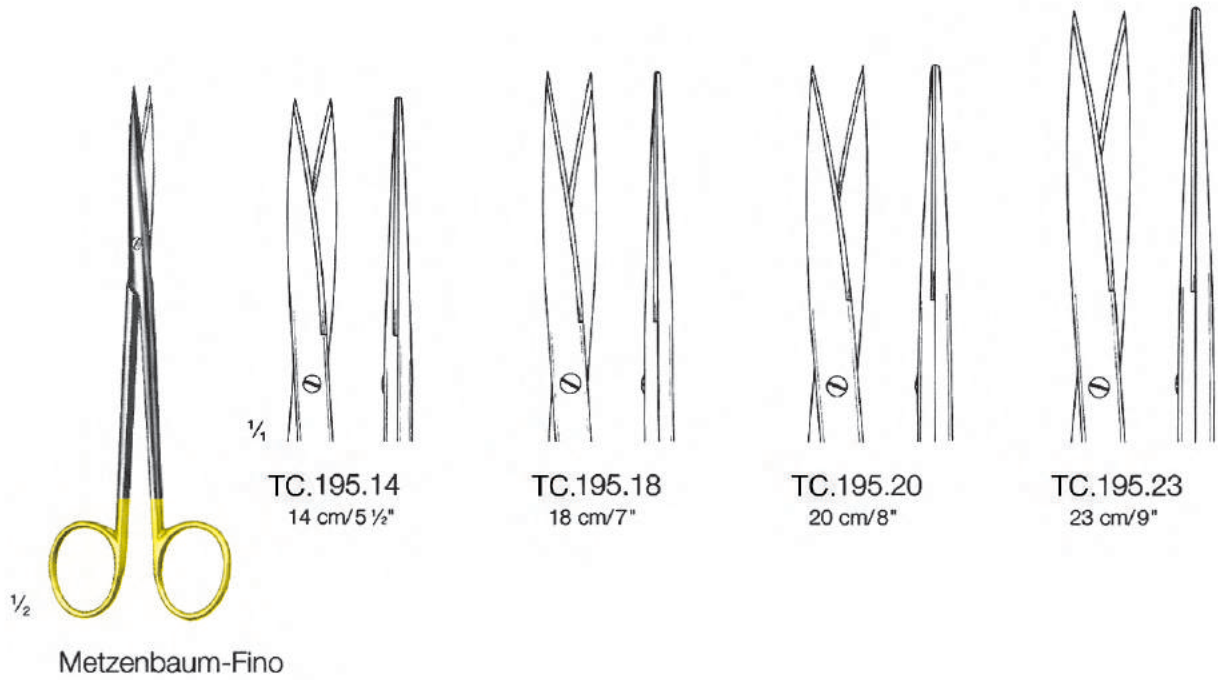


TC.191.20
20 cm/8"

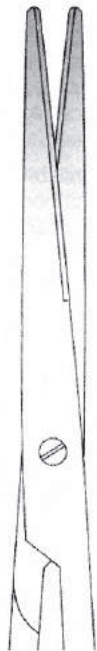


TC.191.23
23 cm/9"

Metzenbaum-Fino



Ligature Scissors

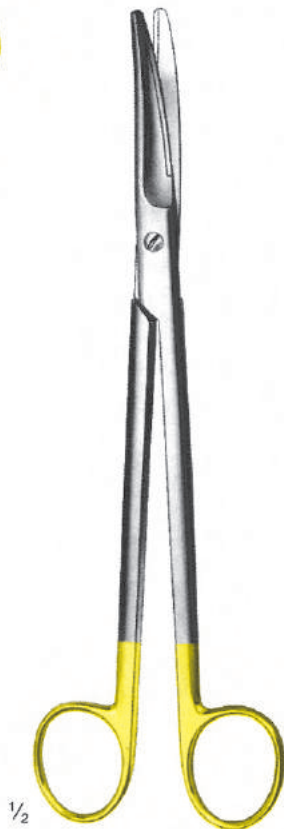


1 Blade serrated

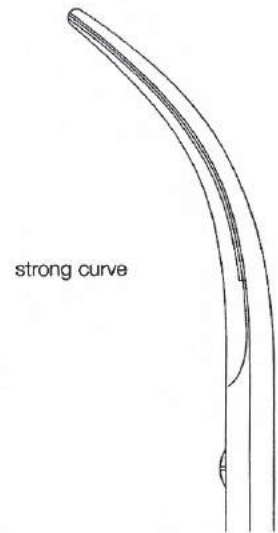


TC.9155.14 14,5 cm/5 3/4" TC.9155.18 18 cm/7" TC.9155.20 20 cm/8" TC.9155.23 23 cm/9" 02-9155.25 25 cm/10"

Parametrium Scissors



light curve

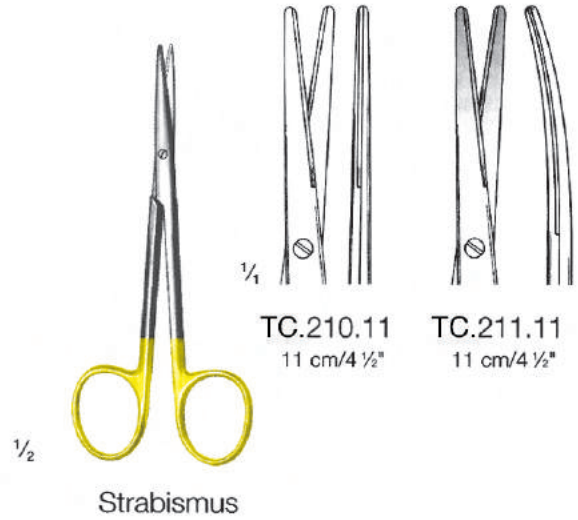
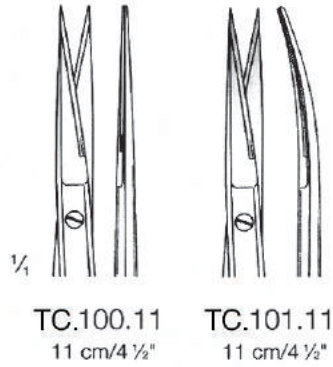


TC.9411.23
23 cm/9"

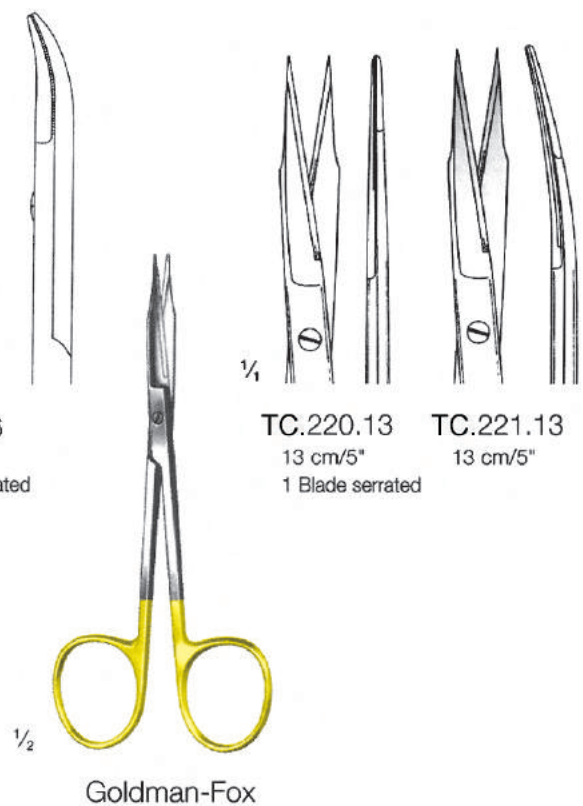
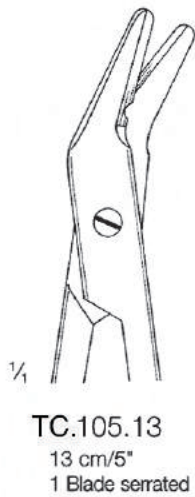
TC.9413.22
22 cm/8 3/4"

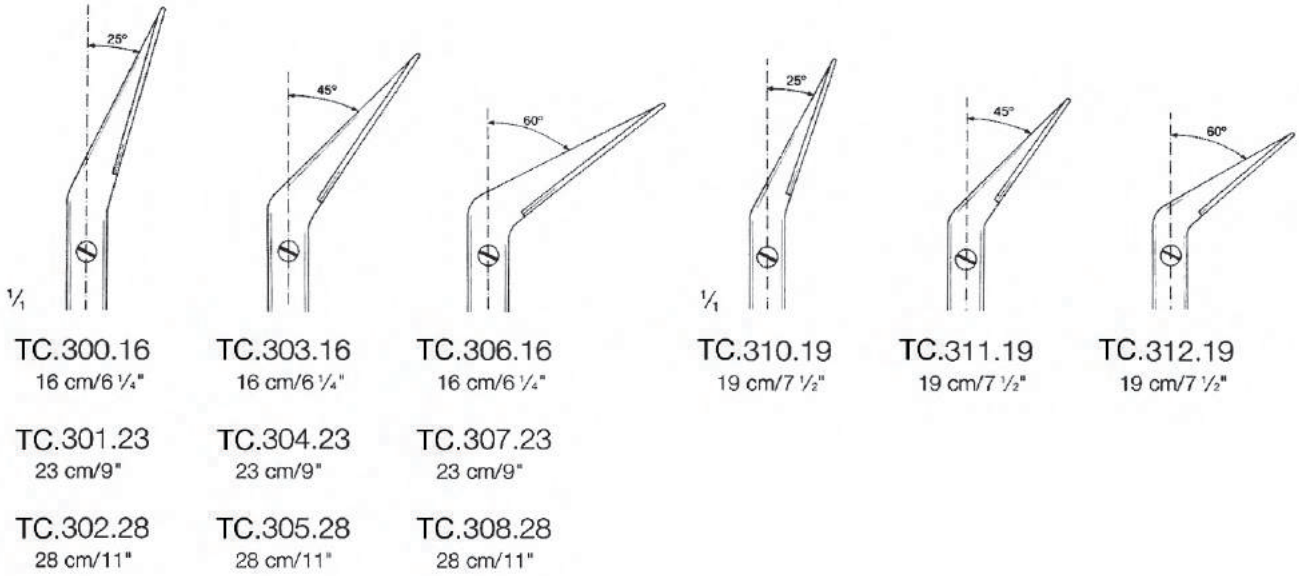
Parametrium

Fine scissors, wire cutting scissors
Ciseaux fins, Ciseaux coupe fils
Tijeras finas, Cizellas para cortar alambre

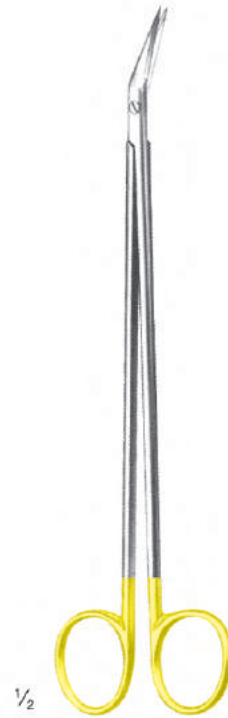


for soft wire up to mm Ø	1,0 mm	1,0 mm
for hard wire up to Ø	0,6 mm	0,6 mm



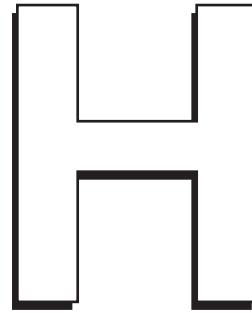


DeBakey

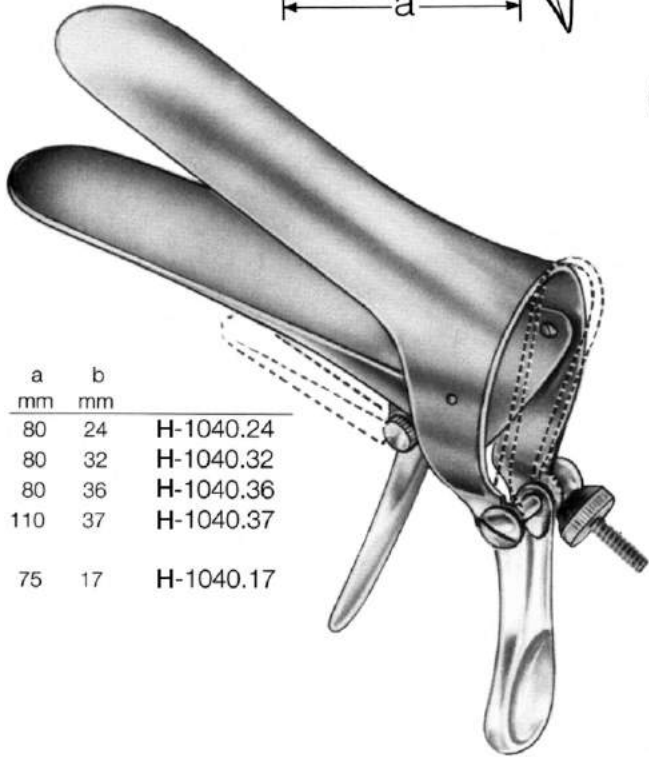
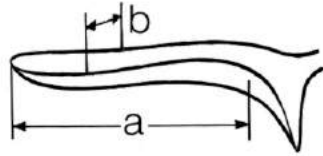


$\frac{1}{2}$

Potts-Smith

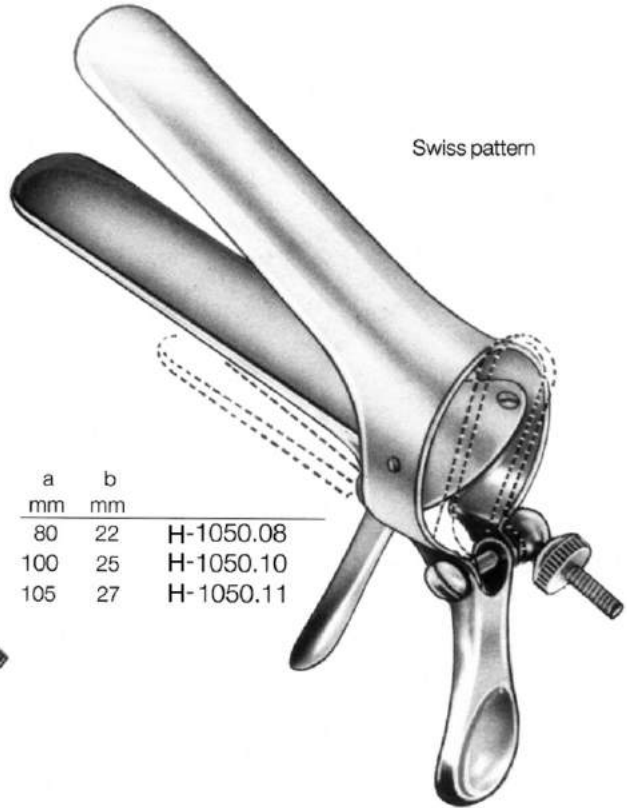


- Gynecology, obstetrics
- Gynécologie, obstétrique
- Ginecología, obstetricia



a mm	b mm	
80	24	H-1040.24
80	32	H-1040.32
80	36	H-1040.36
110	37	H-1040.37
75	17	H-1040.17

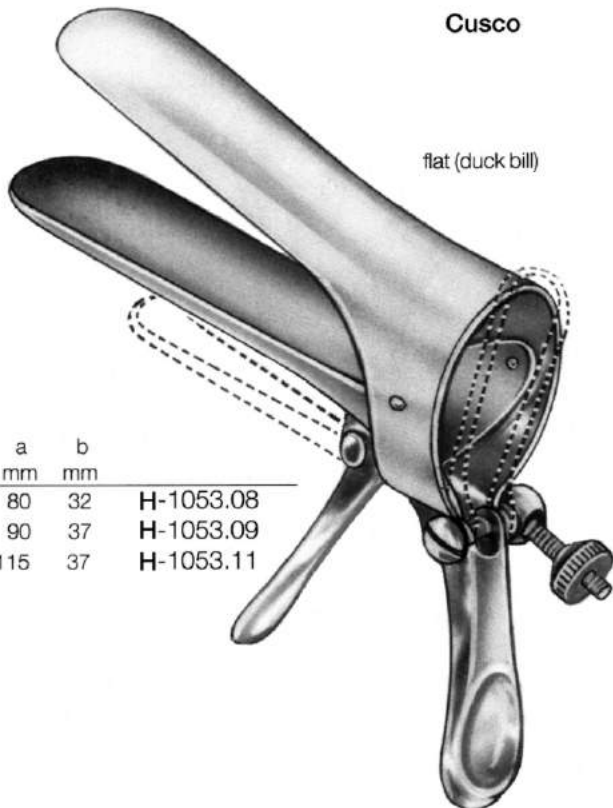
Cusco



Swiss pattern

a mm	b mm	
80	22	H-1050.08
100	25	H-1050.10
105	27	H-1050.11

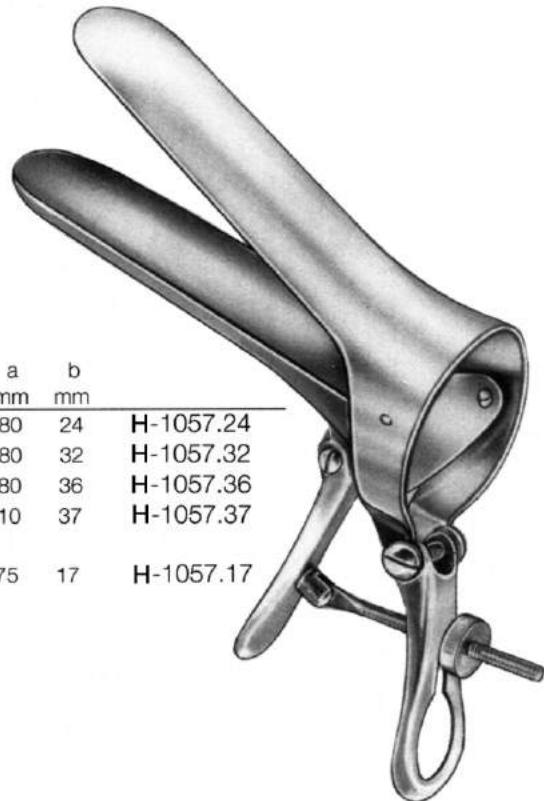
Cusco



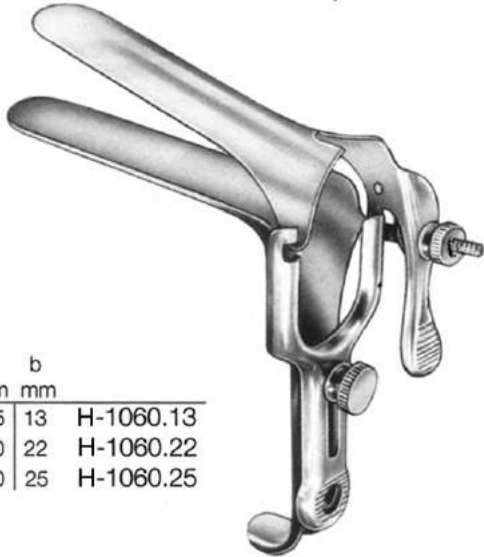
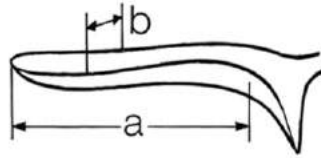
flat (duck bill)

a mm	b mm	
80	32	H-1053.08
90	37	H-1053.09
115	37	H-1053.11

Cusco

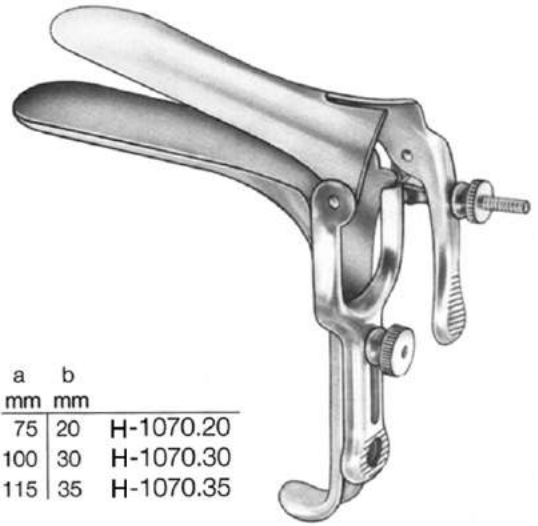


Cusco



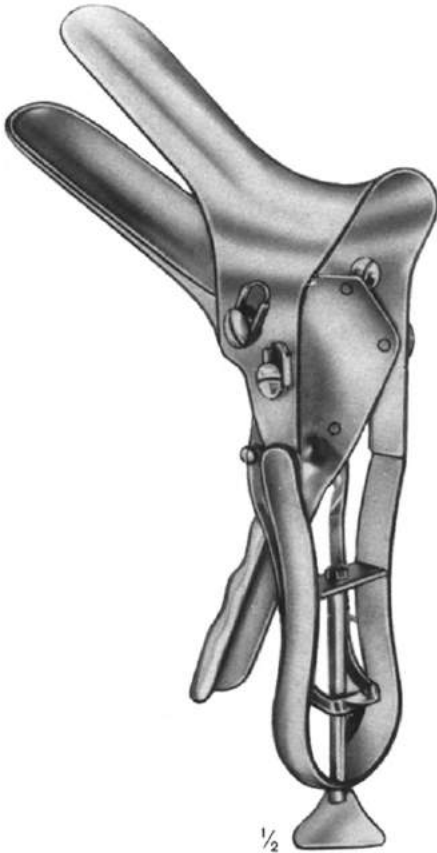
a	b	
mm	mm	
75	13	H-1060.13
100	22	H-1060.22
120	25	H-1060.25

Pederson



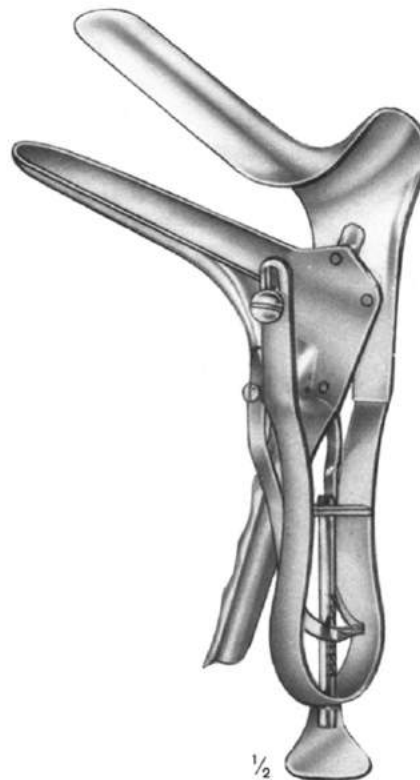
a	b	
mm	mm	
75	20	H-1070.20
100	30	H-1070.30
115	35	H-1070.35

Graves



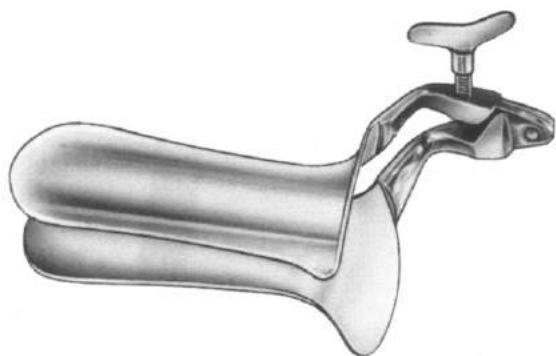
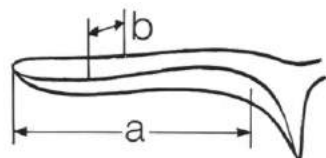
1/2

Seyffert
H-1090.17 100 x 17 mm
H-1090.33 110 x 33 mm



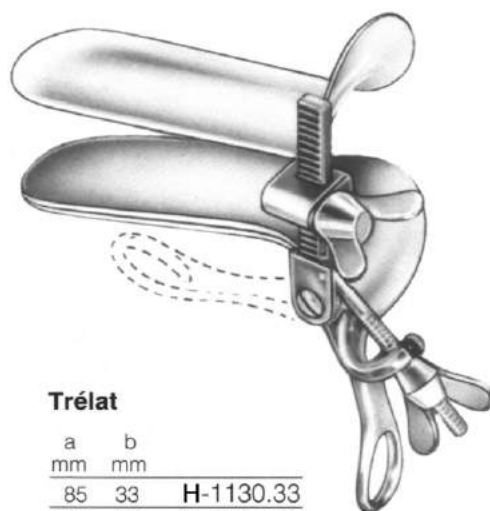
1/2

Seyffert
H-1091.33 110 x 33 mm



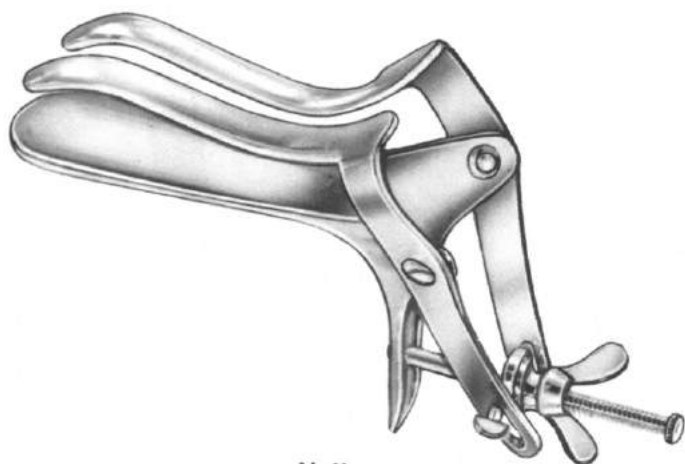
Collin

a	b	
mm	mm	
90	30	H-1109.30
95	35	H-1109.35
105	40	H-1110.40



Trélat

a	b	
mm	mm	
85	33	H-1130.33
95	35	H-1130.35
115	43	H-1130.43



Nott

a	b	
mm	mm	
90	27	H-1140.27 C
100	30	H-1140.30 C

chrome plated



Semm

a	b	
mm	mm	
100	17/20	H-1180.17
100	25/30	H-1180.25

a	b	
mm	mm	
90	14/18	H-1180.14

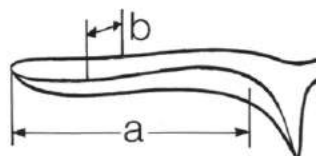
for children and virgins



½ Kristeller



½ Kristeller



½ Kristeller

		Specula	
		a	b
Fig. 1	H-1400.27	70 x 27 mm	
Fig. 2	H-1400.30	75 x 30 mm	
Fig. 3	H-1400.36	90 x 36 mm	

		Retractors	
		a	b
Fig. 1	H-1401.23	75 x 23 mm	
Fig. 2	H-1401.26	80 x 26 mm	
Fig. 3	H-1401.32	95 x 32 mm	

		Set of 1 Speculum and 1 Retractor ea.	
Fig. 1	H-1402.27		
Fig. 2	H-1402.30		
Fig. 3	H-1402.36		



½ Kristeller



½ Kristeller

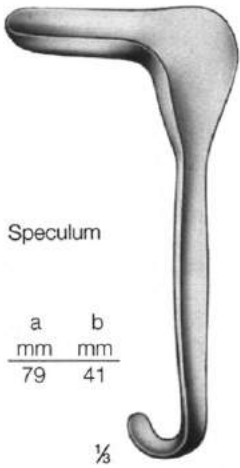


½ Kristeller

		Specula	
		a	b
Fig. 00	H-1405.18	110 x 18 mm	
Fig. 0	H-1405.21	110 x 21 mm	
Fig. 1	H-1405.27	110 x 27 mm	
Fig. 2	H-1405.30	110 x 30 mm	
Fig. 3	H-1405.36	110 x 36 mm	

		Retractors	
		a	b
Fig. 00	H-1406.14	115 x 14 mm	
Fig. 0	H-1406.17	115 x 17 mm	
Fig. 1	H-1406.23	115 x 23 mm	
Fig. 2	H-1406.26	115 x 26 mm	
Fig. 3	H-1406.32	115 x 32 mm	

		Set of 1 Speculum and 1 Retractor ea.	
Fig. 00	H-1407.18		
Fig. 0	H-1407.21		
Fig. 1	H-1407.27		
Fig. 2	H-1407.30		
Fig. 3	H-1407.36		

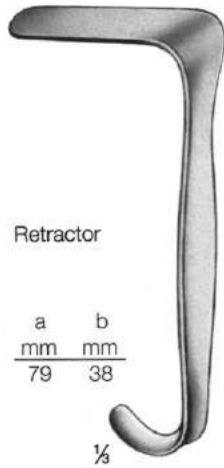


Speculum

a	b
mm	mm
79	41

1/8

Kallmorgen
H-1450.41



Retractor

a	b
mm	mm
79	38

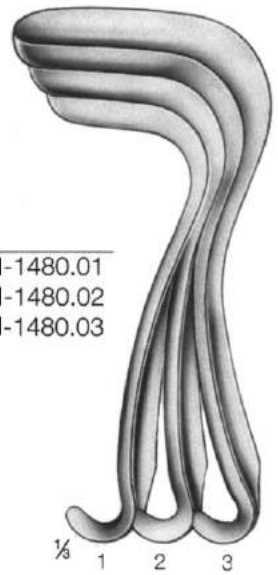
1/8

Kallmorgen
H-1451.38

Kallmorgen
H-1452.41

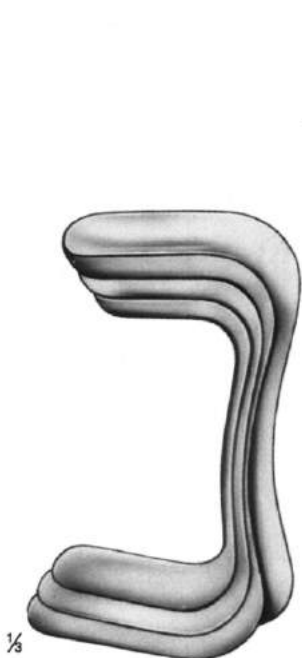
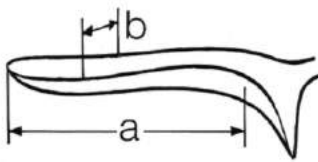
Set

Fig.	a	b	
	mm	mm	
1	70	27	H-1480.01
2	75	30	H-1480.02
3	90	36	H-1480.03



1/8 1 2 3

Sims
18,5 cm / 7 1/4"



Sims

Fig.	a	b	
	mm	mm	
1	60	25+30	H-1490.01
2	70	30+35	H-1490.02
3	80	35+40	H-1490.03
		set	H-1490.00



1/8

Auvard
a b
mm mm
75 40
H-1580.11



1/8

Auvard
a b kg lbs
mm mm
83 38 1,14 2,5
H-1582.11

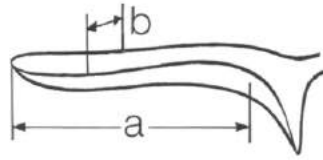


1/8

Weissbarth
21 cm 8 1/4"

a	b
mm	mm
80	42

H-1590.21



$\frac{1}{2}$
Breisky
29 cm/11 $\frac{1}{4}$ "



$\frac{1}{2}$
Breisky
32 cm/12 $\frac{1}{2}$ "

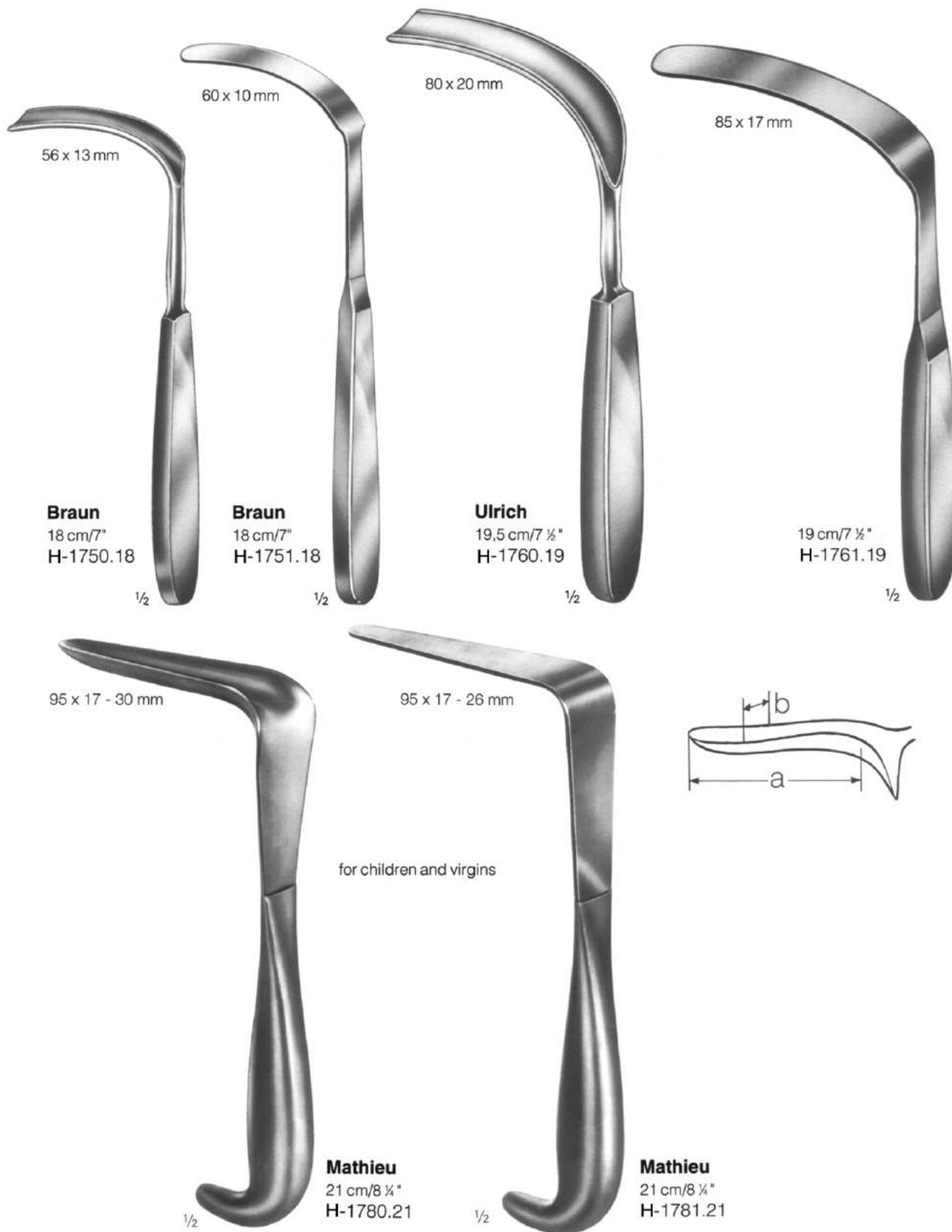


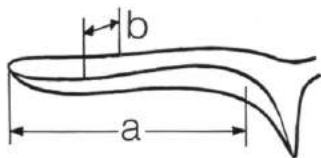
$\frac{1}{2}$
Breisky
35 cm/13 $\frac{3}{4}$ "



$\frac{1}{2}$
Breisky
37 cm/14 $\frac{1}{4}$ "

	a	b		a	b		a	b		a	b
H-1710.20	100	20	H-1713.20	130	20	H-1716.20	160	20	H-1718.20	180	20
H-1710.25	100	25	H-1713.25	130	25	H-1716.25	160	25	H-1718.25	180	25
H-1710.30	100	30	H-1713.30	130	30	H-1716.30	160	30	H-1718.30	180	30
H-1710.35	100	35	H-1713.35	130	35	H-1716.35	160	35	H-1718.35	180	35
H-1710.40	100	40	H-1713.40	130	40	H-1716.40	160	40	H-1718.40	180	40

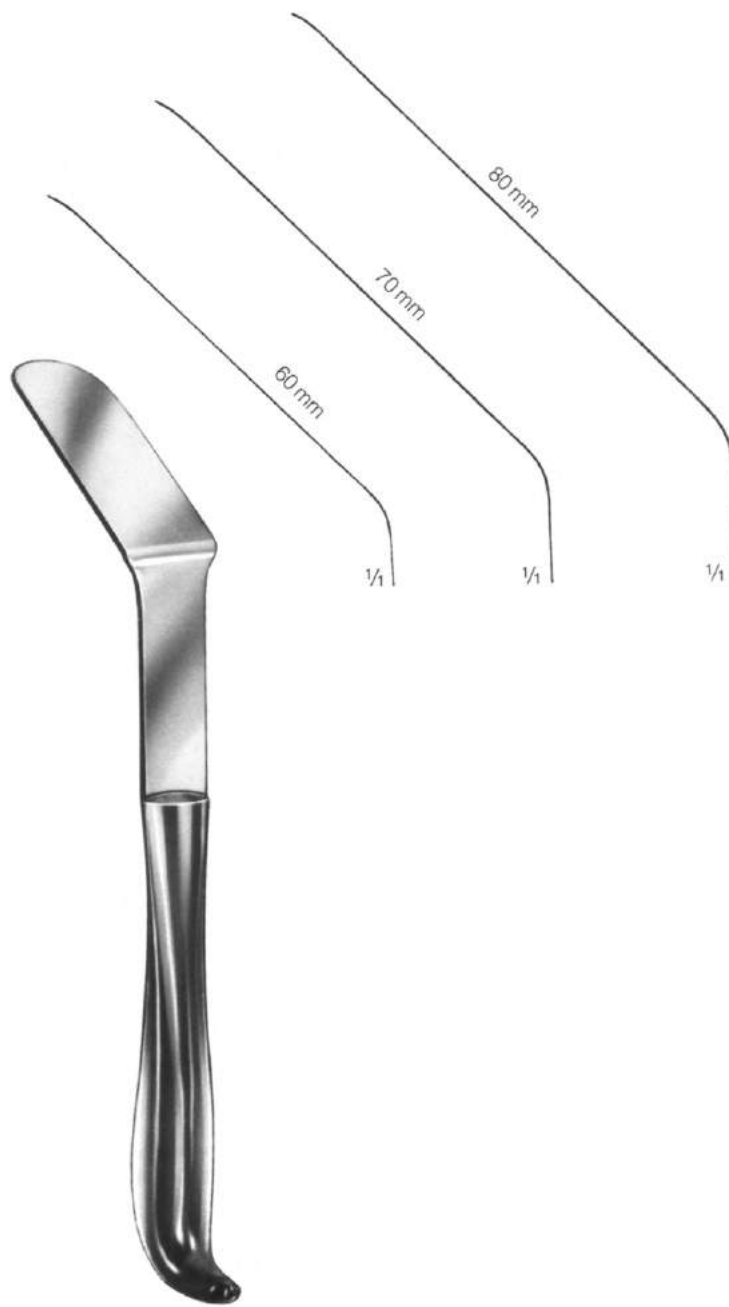




1/2

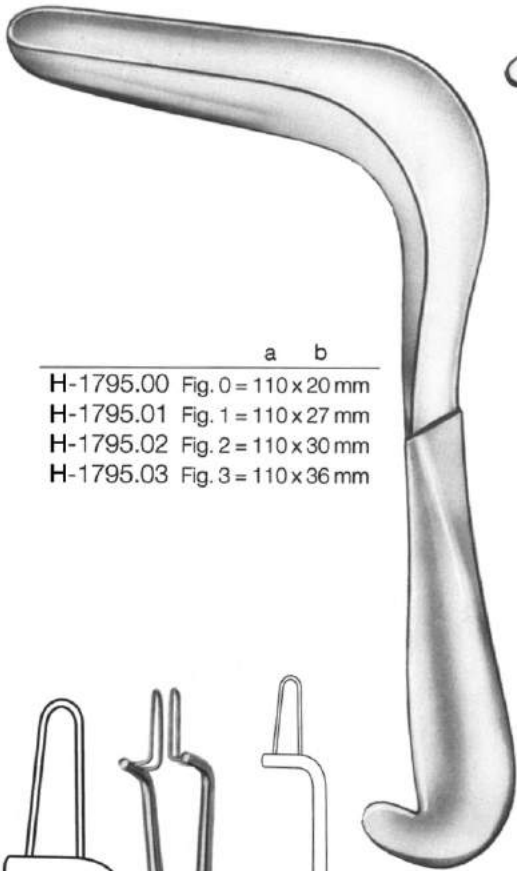
Landau
30 cm/12"

	a	b
H-1783.28	100 x 28 mm	
H-1783.38	110 x 38 mm	

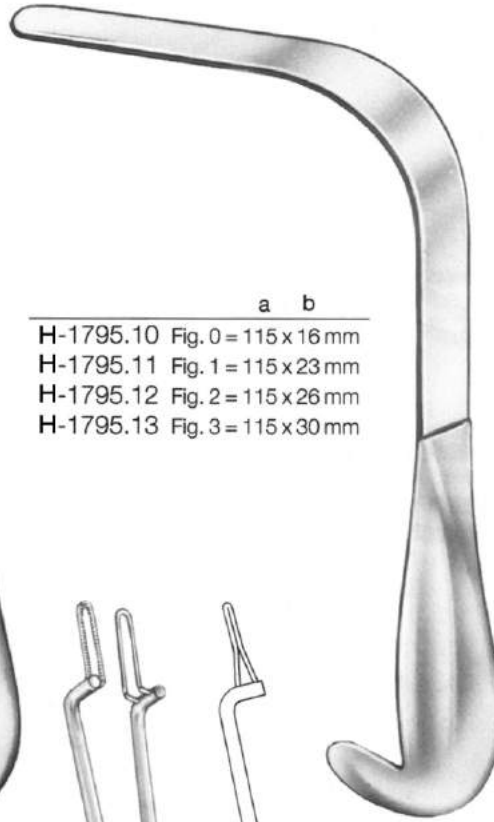


Doyen

	cm	in.	a	b
H-1793.63	23	9	60 x 30 mm	
H-1793.73	24	9 1/2	70 x 30 mm	
H-1793.83	25	10	80 x 30 mm	

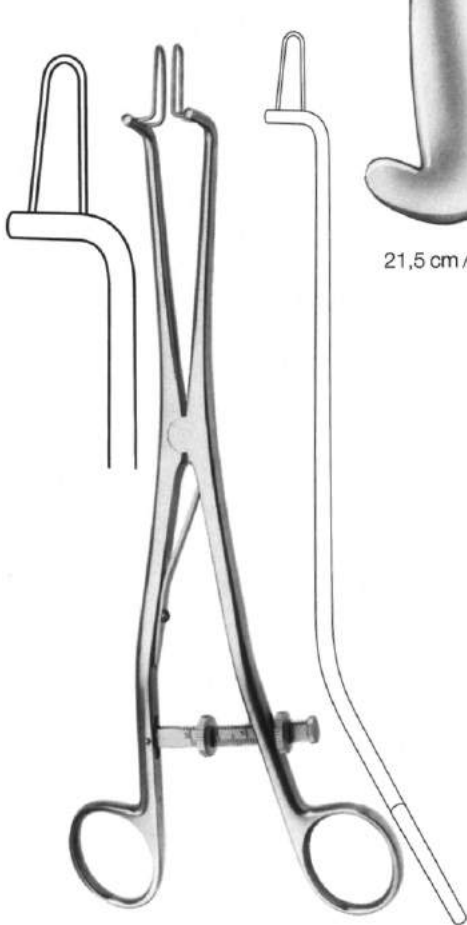


	a	b
H-1795.00	Fig. 0 = 110 x 20 mm	
H-1795.01	Fig. 1 = 110 x 27 mm	
H-1795.02	Fig. 2 = 110 x 30 mm	
H-1795.03	Fig. 3 = 110 x 36 mm	



	a	b
H-1795.10	Fig. 0 = 115 x 16 mm	
H-1795.11	Fig. 1 = 115 x 23 mm	
H-1795.12	Fig. 2 = 115 x 26 mm	
H-1795.13	Fig. 3 = 115 x 30 mm	

Fig. 0	H-1795.20
Fig. 1	H-1795.21
Fig. 2	H-1795.22
Fig. 3	H-1795.23

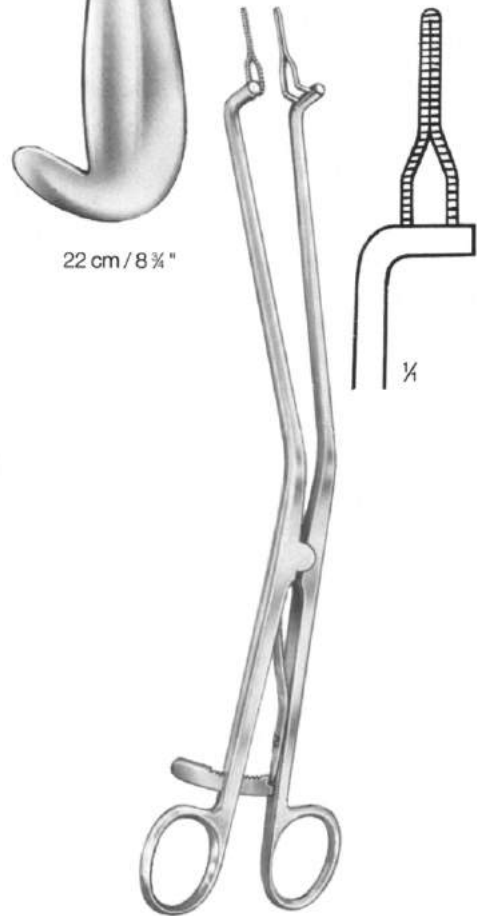


21,5 cm / 8 1/2"

Kogan
24 cm / 9 1/2"
H-2202.24



Kogan modif.
28 cm / 11"
H-2206.28



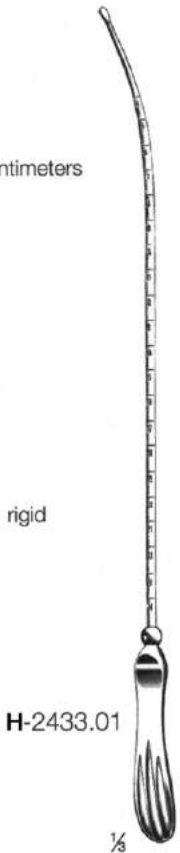
22 cm / 8 3/4"

Kogan "Thin Line"
28 cm / 11"
H-2208.28

Endospecula for Cervix und Urethra

Uterine Sounds

graduated in centimeters



rigid

H-2433.01

1/8

Sims

33 cm, 13"

malleable

H-2433.14



plain

rigid

H-2433.03

1/8

Sims

33 cm, 13"

malleable

H-2433.34

Uterine Depressors



1/8

Valleix

30 cm, 12"

H-2483.30



1/8

Braun

27 cm/10 1/2"

H-2511.27



1/8



1/8

Sims

26 cm/10 1/4"

H-2513.26



1/8

Doyen

17 cm/6 3/4"

H-2550.17



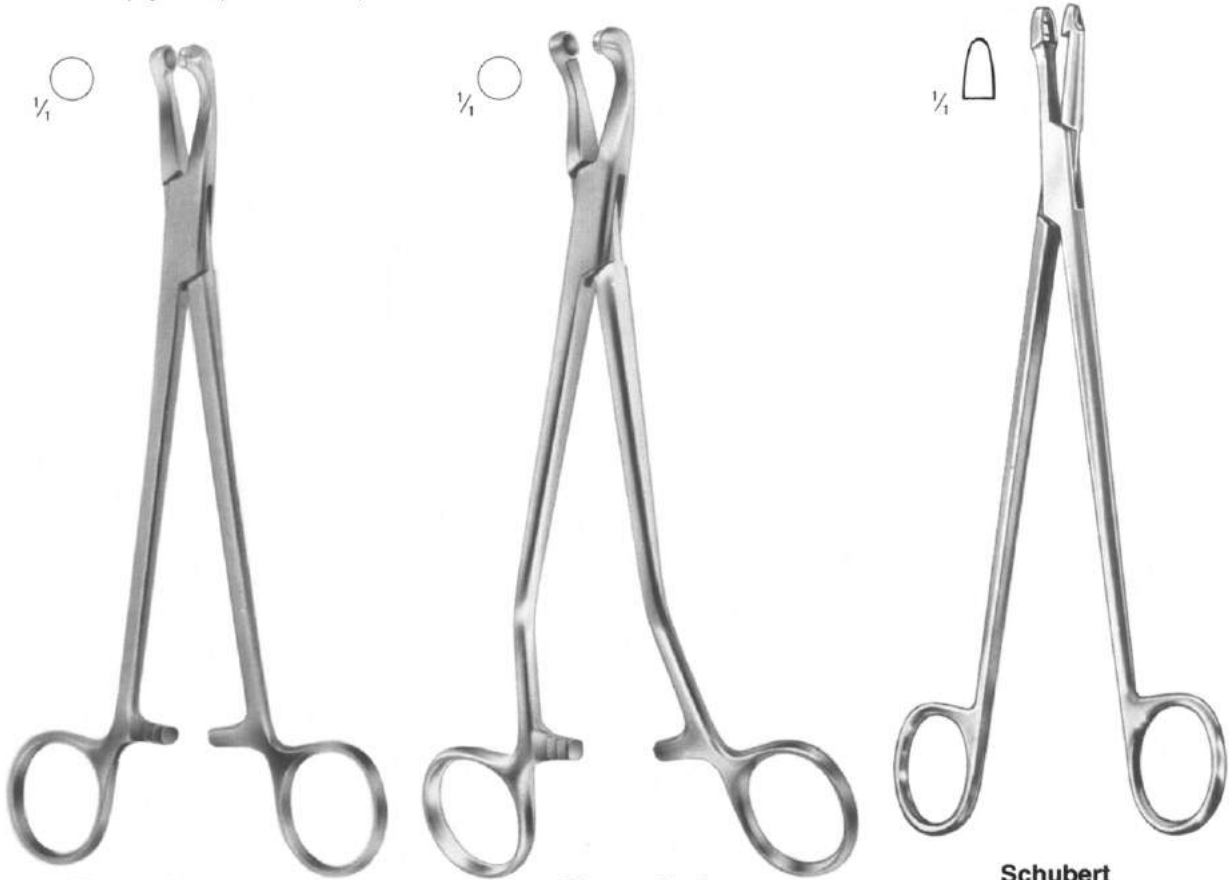
1/8

Doyen

15 cm, 6"

H-2552.15

Cervical Biopsy and Specimen Forceps



Thoms-Gaylor

H-3010.22

22 cm/8 ½"

H-3010.24

24 cm/9 ½"

Thoms-Gaylor

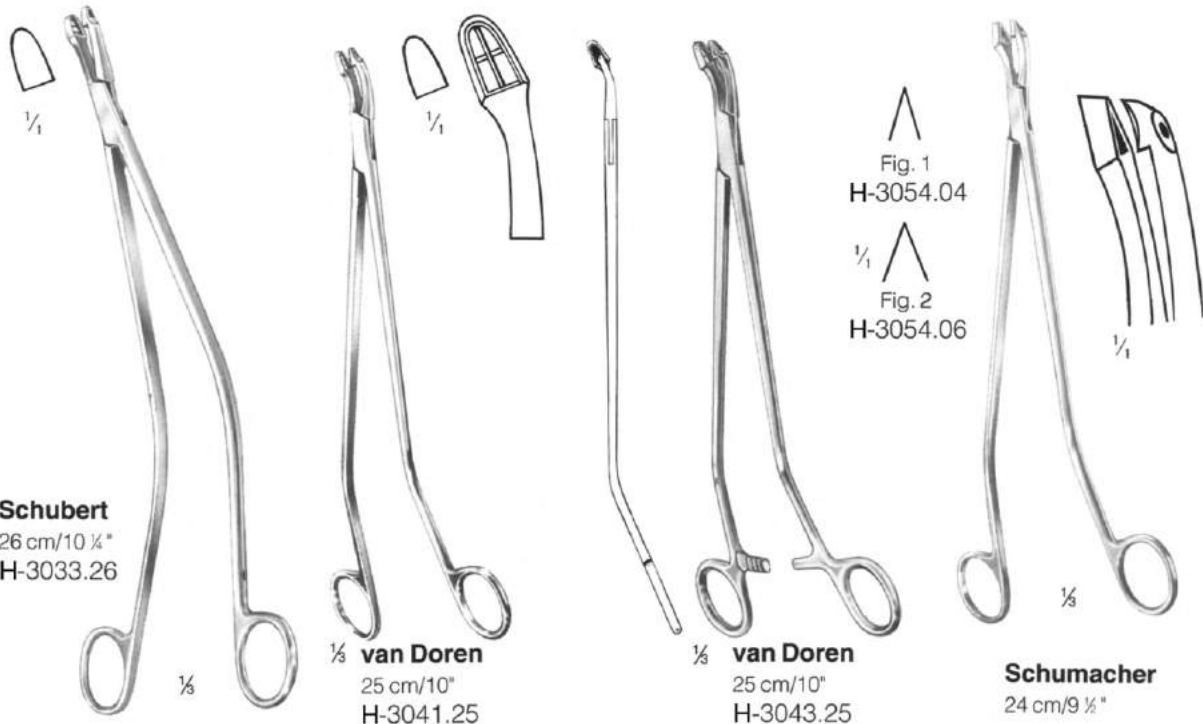
H-3013.22

H-3013.24

Schubert

H-3030.21 = 21 cm/8 ¼"

H-3030.29 = 29 cm/11 ½"



Schubert

26 cm/10 ¼"

H-3033.26

van Doren

25 cm/10"

H-3041.25

van Doren

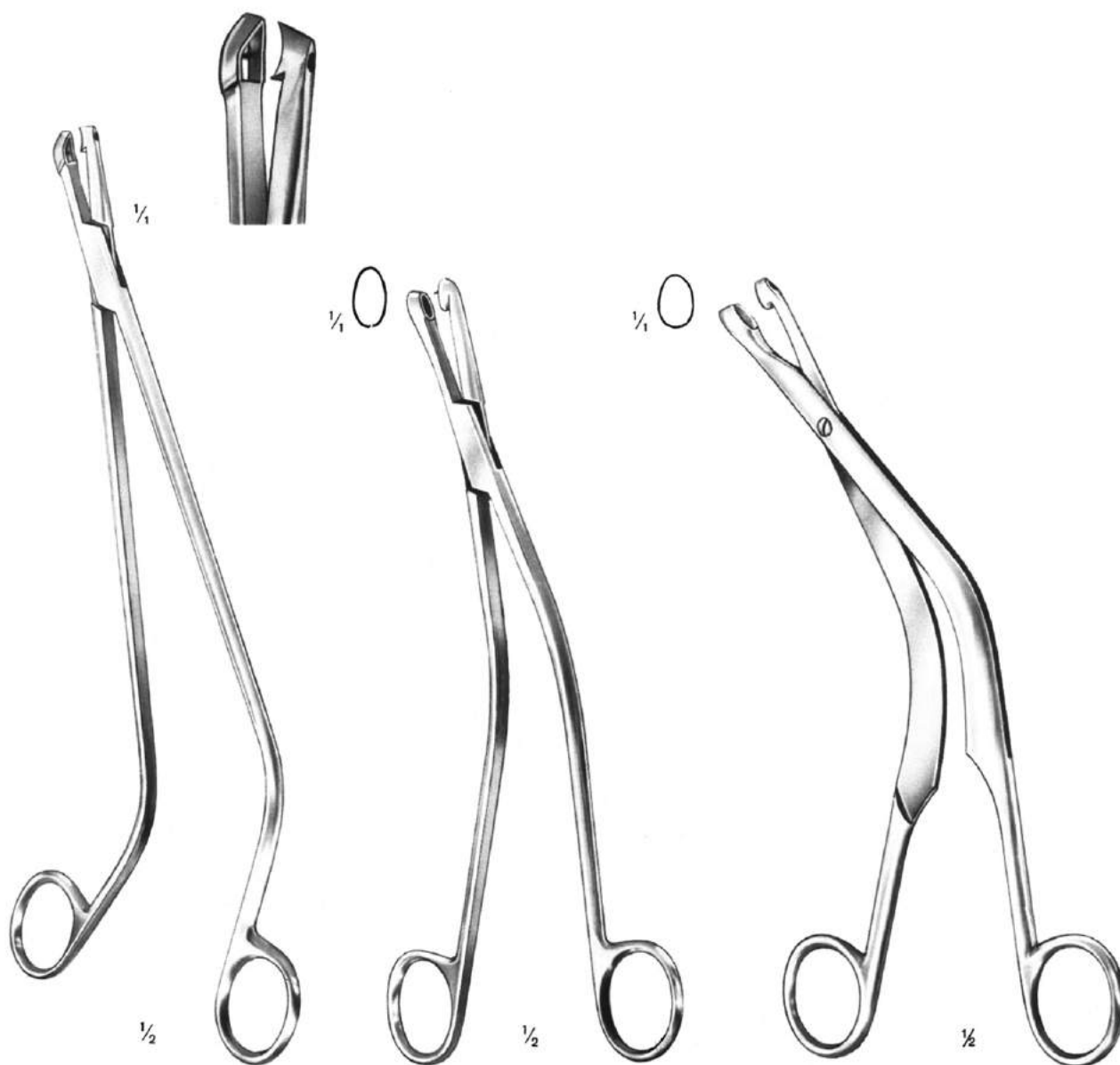
25 cm/10"

H-3043.25

Schumacher

24 cm/9 ½"

Cervical Biopsy and Specimen Forceps

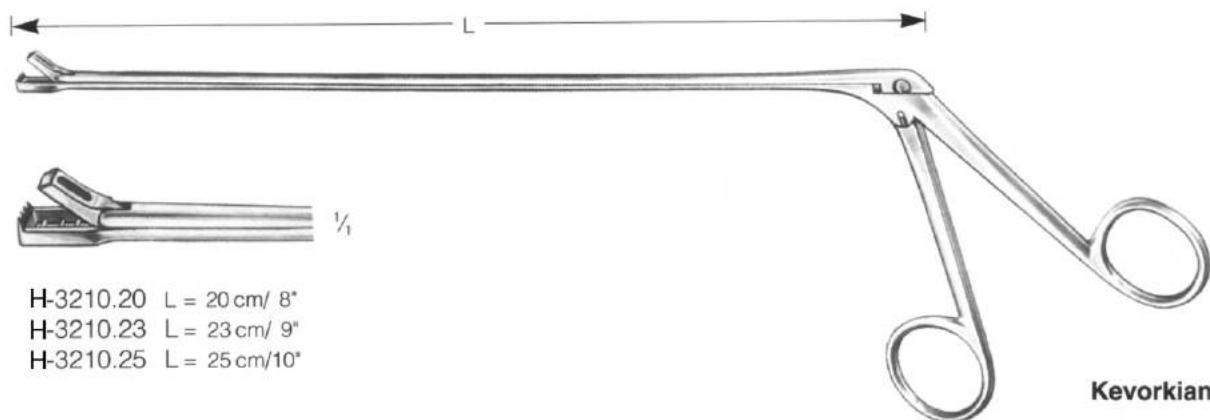


Tischler
27 cm/10 1/2"
H-3071.27

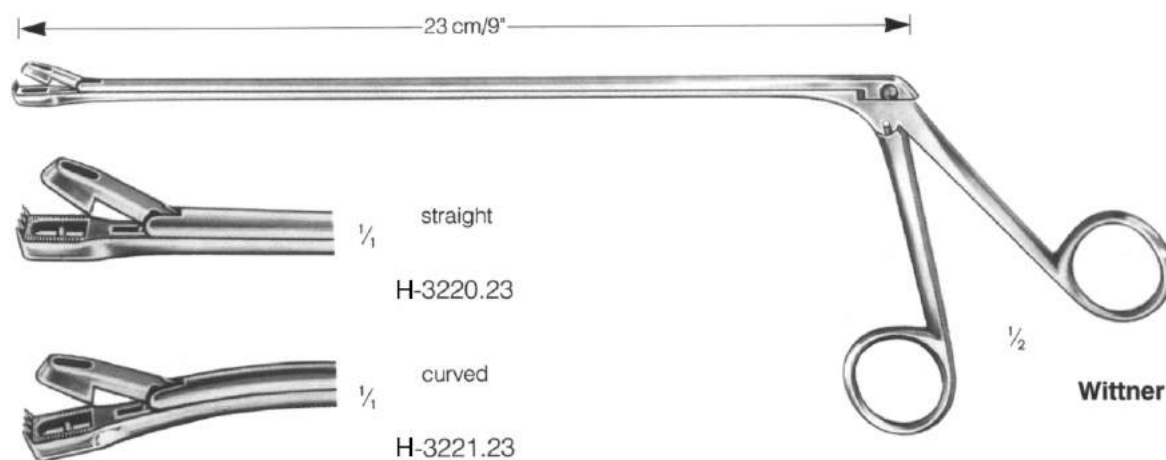
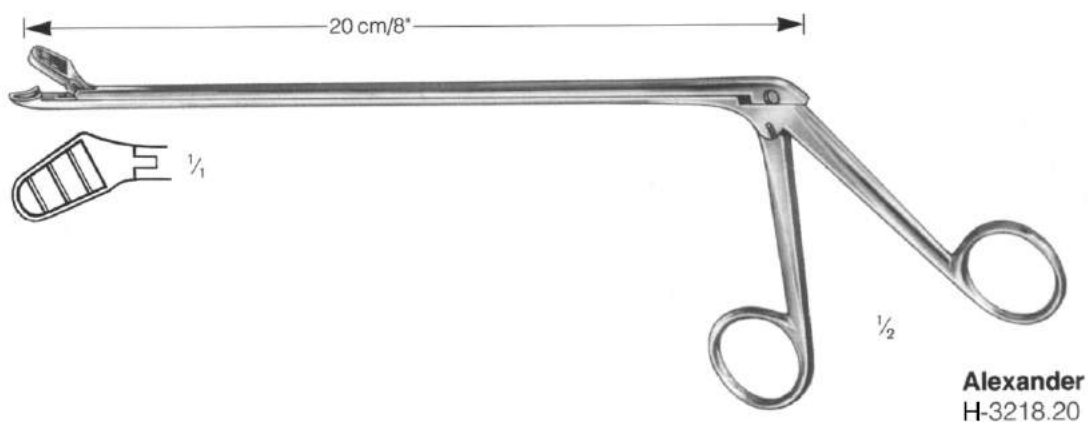
Gellhorn
23 cm/9"
H-3075.23



Faure
23 cm/9"
H-3089.23

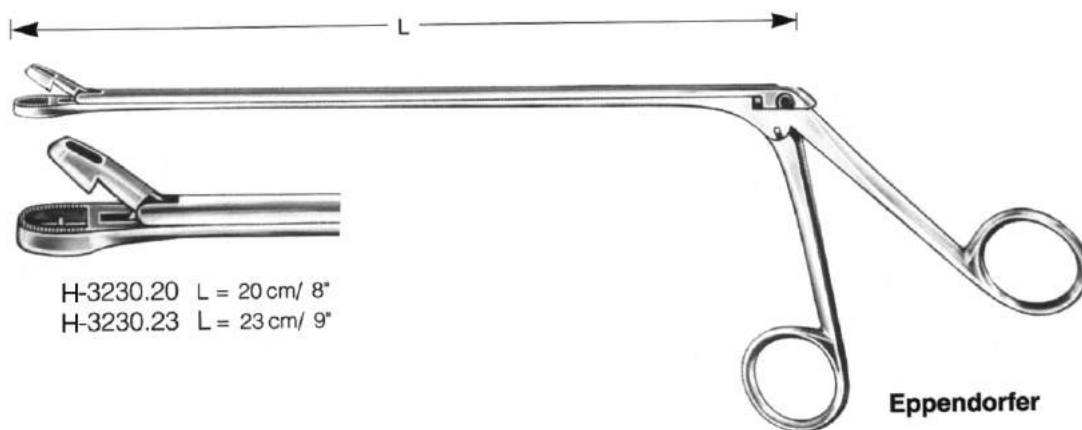
Cervical Biopsy and Specimen Forceps



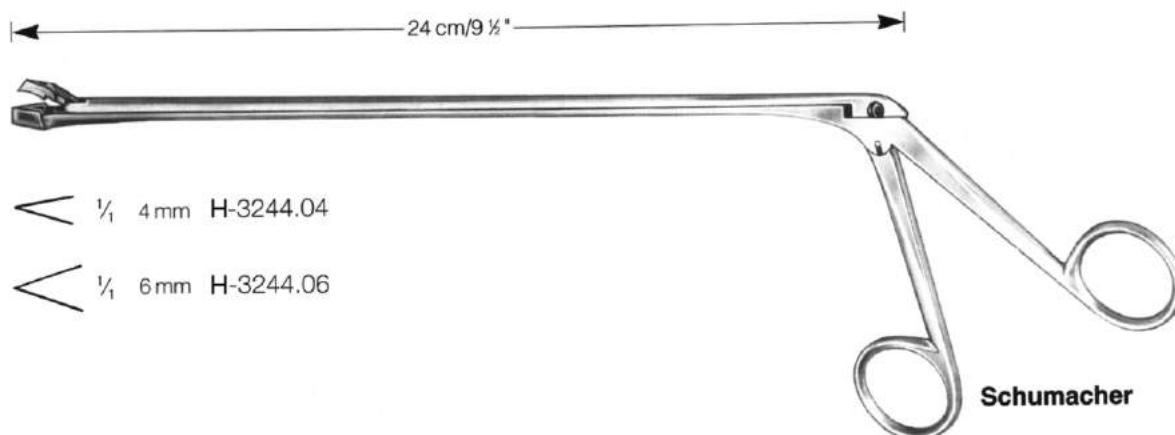
- H-3210.20 L = 20 cm/ 8"
- H-3210.23 L = 23 cm/ 9"
- H-3210.25 L = 25 cm/10"



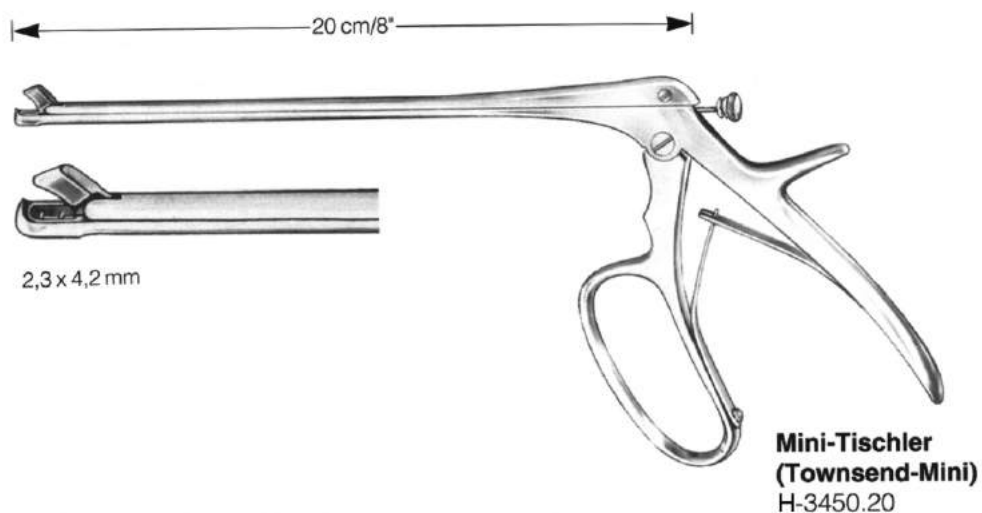
-  $\frac{1}{4}$ straight
H-3220.23
-  $\frac{1}{4}$ curved
H-3221.23



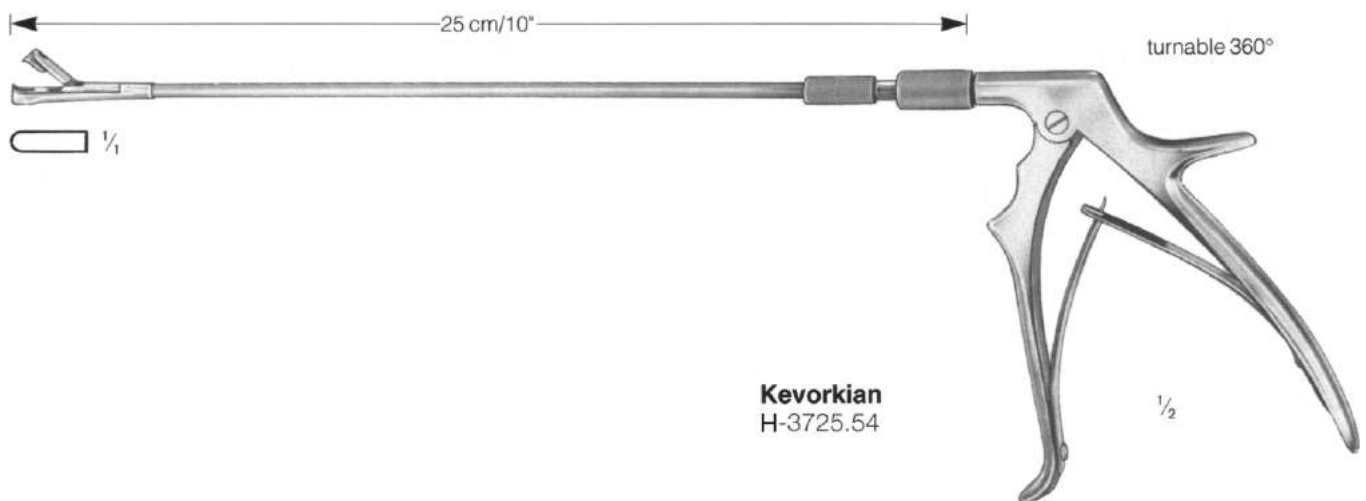
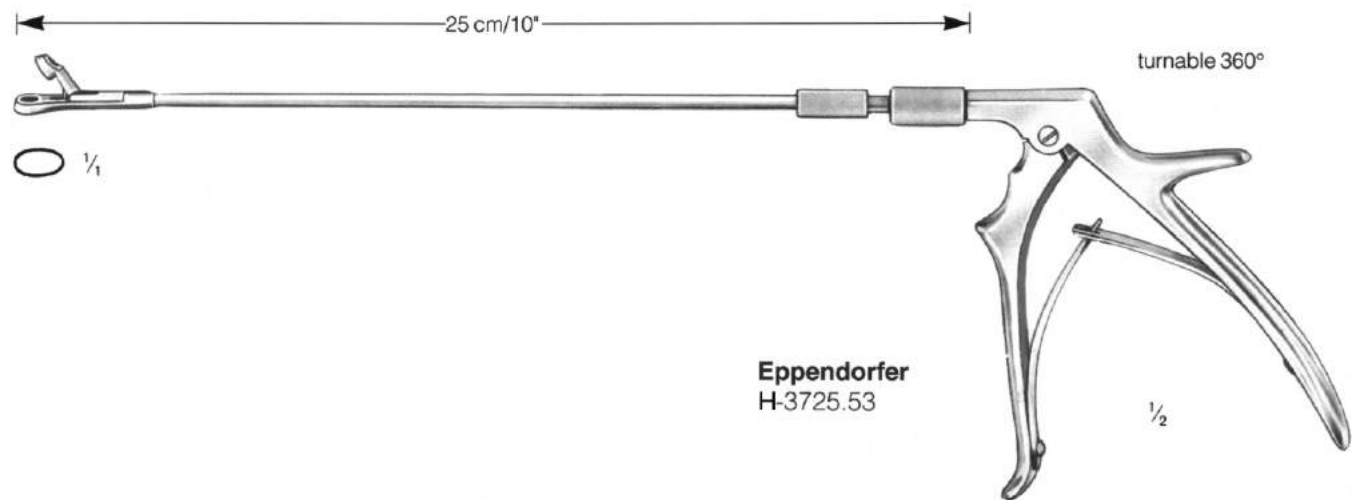
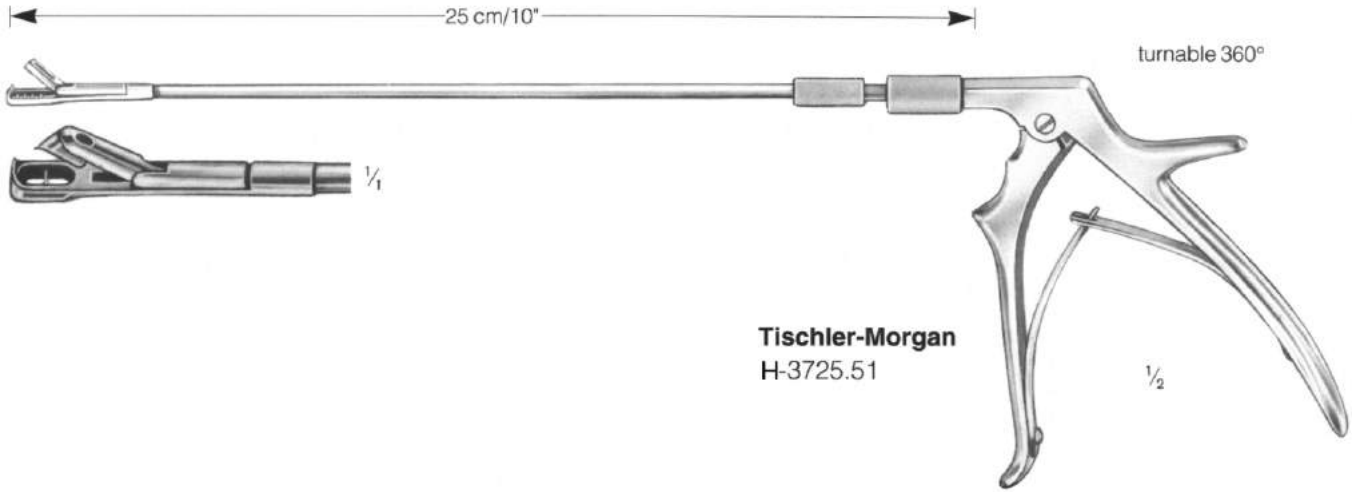
Eppendorfer



Schumacher



**Mini-Tischler
(Townsend-Mini)
H-3450.20**

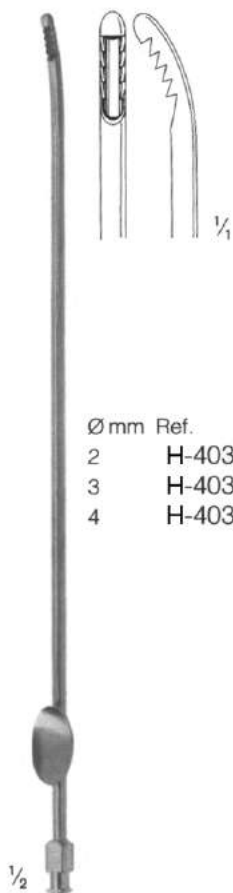


Suction Biopsy Curettes

Uterine Biopsy Aspirating Curettes



Randall
25 cm/10"
H-4025.04



Novak
25 cm/10"

Ø mm	Ref.
2	H-4035.02
3	H-4035.03
4	H-4035.04

Endometrial Biopsy Curette



Mod. Berlin
27 cm/10 3/4"
H-4067.35

Uterine Secretion Scoop

malleable



stumpf
blunt
romas
mousses

27,5 cm/10 3/4"
H-4092.27



CARTON
H-0570.30
30 cm/12"
5 mm dia



BOZEMANN - FRITSCH
H-0590.08 8 mm dia
H-0590.10 10 mm dia
H-0590.12 12 mm dia

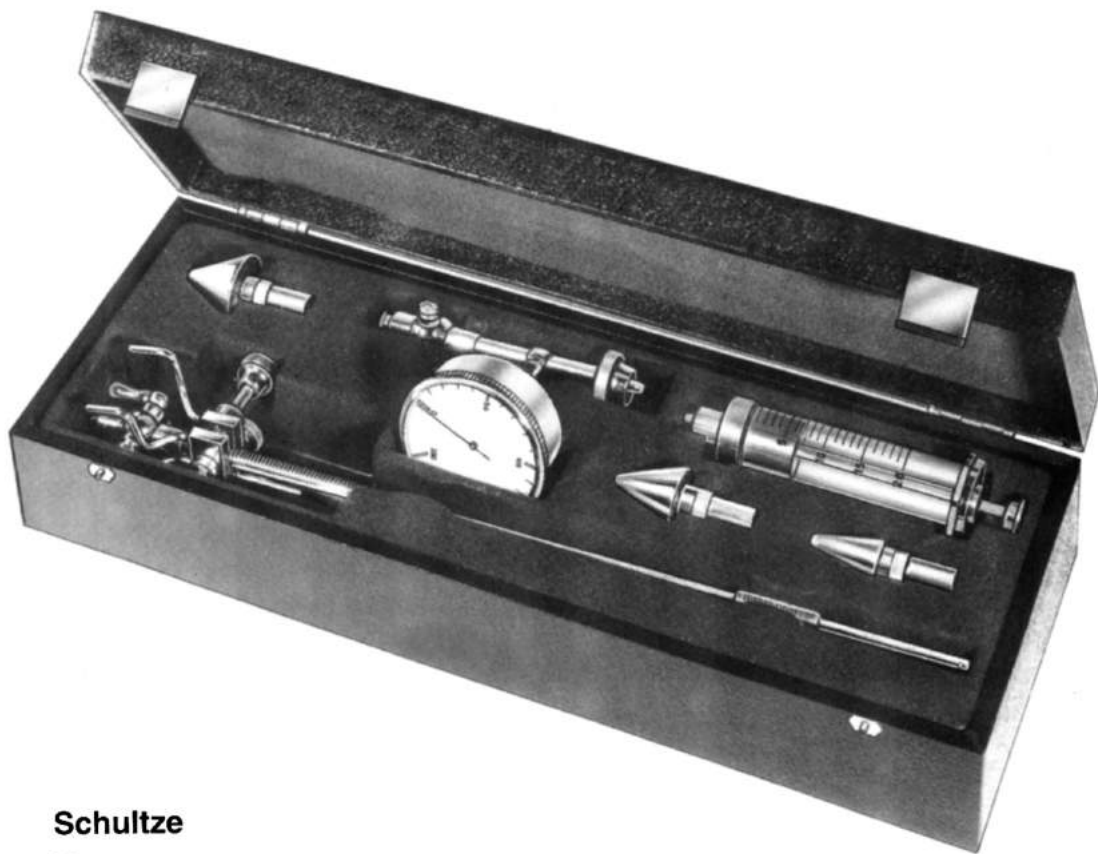


SPACKMANN
H-0610.18
18 cm/7"

Uterine Cannula



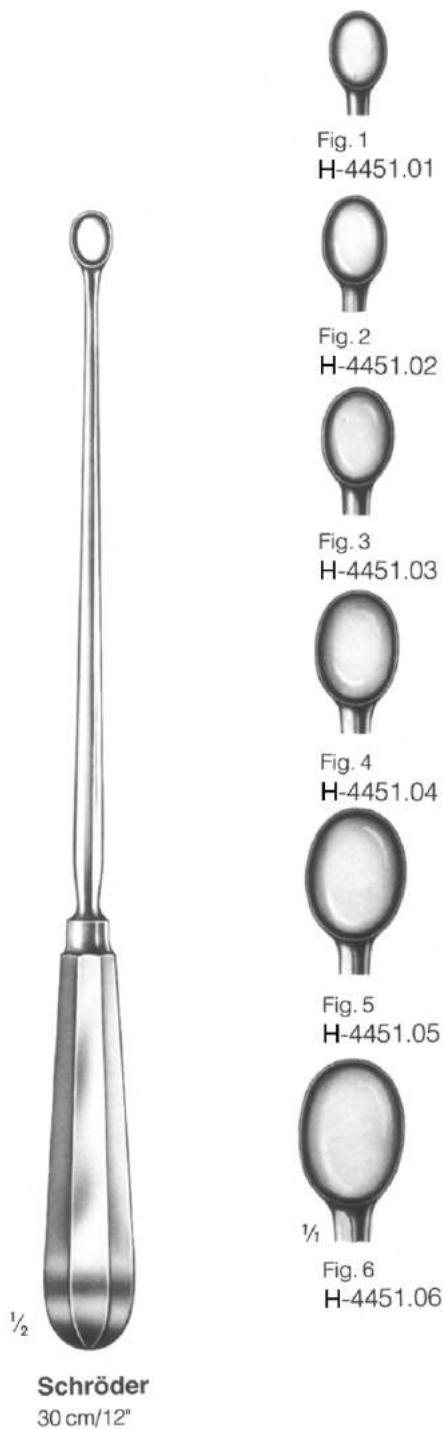
SPACKMANN
H-0620.35



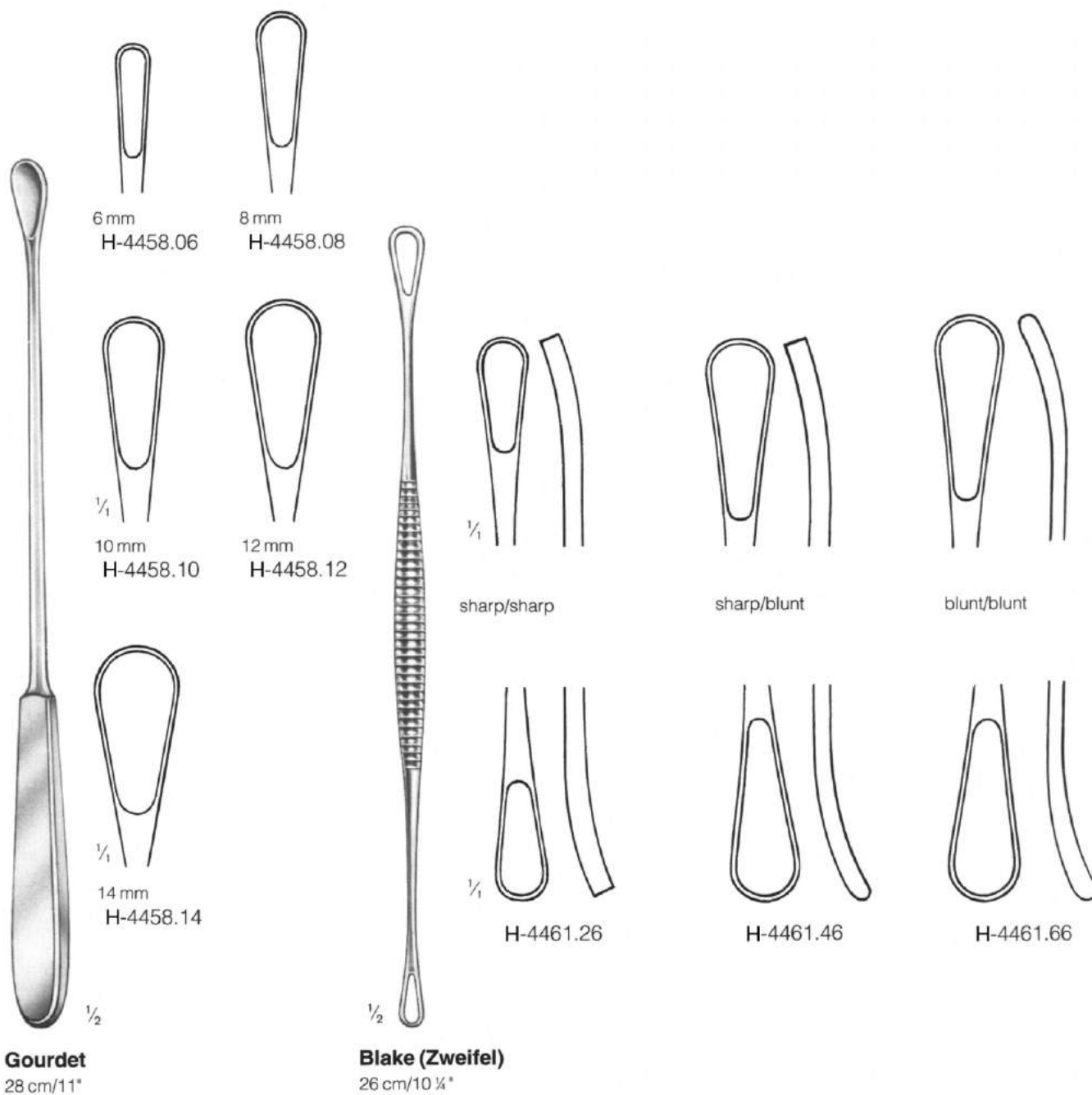
Schultze

H-4820.40
Salpingograph

Uterine Curettes, Uterine Scoops



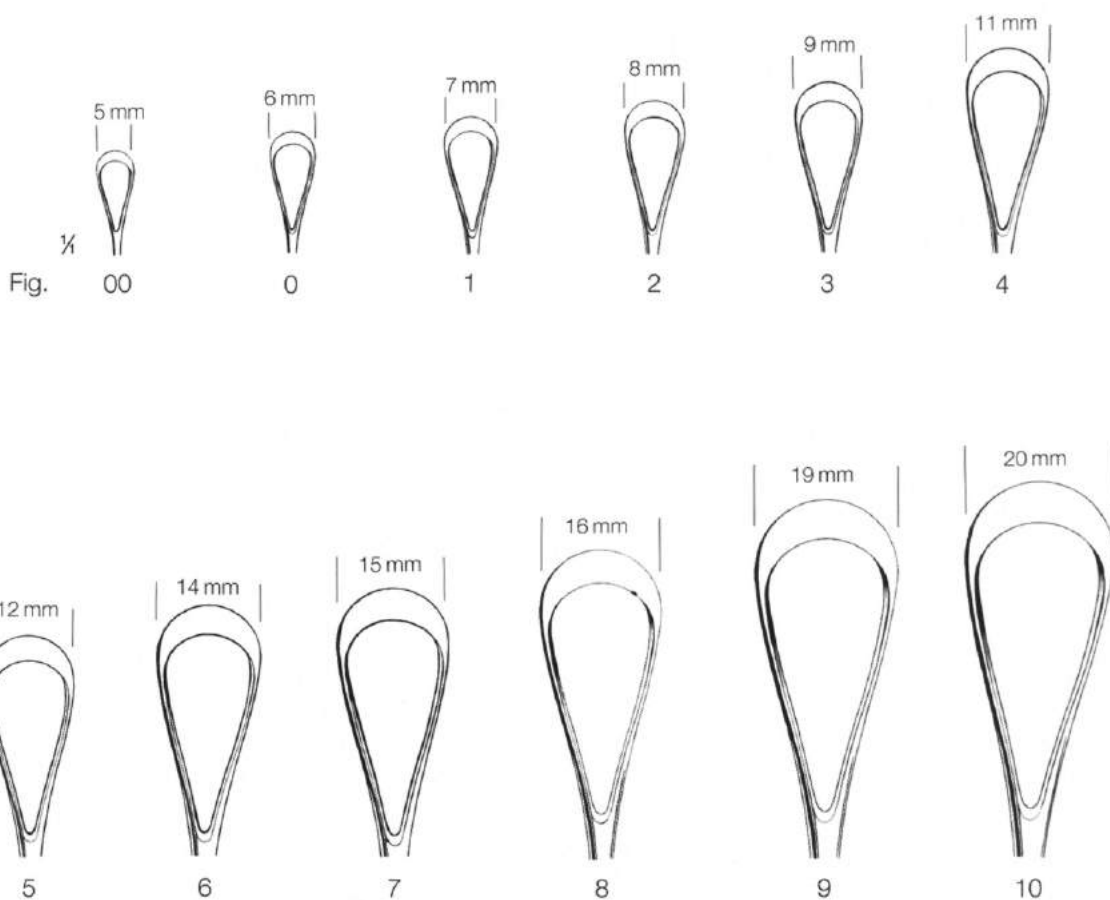
Uterine Curettes



Uterine Curettes



Recamier
max. 31 cm / 12 1/2"



sharp

blunt

rigid

malleable

rigid

malleable

		Fig.		
H-4510.05	H-4511.05	00	H-4512.05	H-4513.05
H-4510.06	H-4511.06	0	H-4512.06	H-4513.06
H-4510.07	H-4511.07	1	H-4512.07	H-4513.07
H-4510.08	H-4511.08	2	H-4512.08	H-4513.08
H-4510.09	H-4511.09	3	H-4512.09	H-4513.09
H-4510.11	H-4511.11	4	H-4512.11	H-4513.11
H-4510.12	H-4511.12	5	H-4512.12	H-4513.12
H-4510.14	H-4511.14	6	H-4512.14	H-4513.14
H-4510.15	H-4511.15	7	H-4512.15	H-4513.15
H-4510.16	H-4511.16	8	H-4512.16	H-4513.16
H-4510.19	H-4511.19	9	H-4512.19	H-4513.19
H-4510.20	H-4511.20	10	H-4512.20	H-4513.20

Uterine Curettes



Sims
26 cm/10 ¼"



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

sharp

blunt

rigid

malleable

rigid

malleable

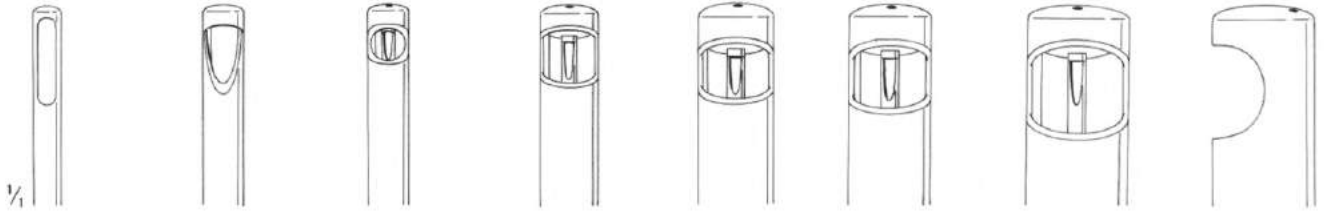
H-4560.51
H-4560.52
H-4560.53
H-4560.54
H-4560.55
H-4560.56

H-4561.51
H-4561.52
H-4561.53
H-4561.54
H-4561.55
H-4561.56

Fig.
1
2
3
4
5
6

H-4562.51
H-4562.52
H-4562.53
H-4562.54
H-4562.55
H-4562.56

H-4563.51
H-4563.52
H-4563.53
H-4563.54
H-4563.55
H-4563.56



H-4601.03
3 mm Ø

H-4601.04
4,5 mm Ø

H-4601.06
6 mm Ø

H-4601.08
8 mm Ø

H-4601.10
10 mm Ø

H-4601.12
12 mm Ø

H-4601.14
14 mm Ø

H-4601.50

Specimen and Aspirating Curettes

Aspirating Curettes

Hose Connection



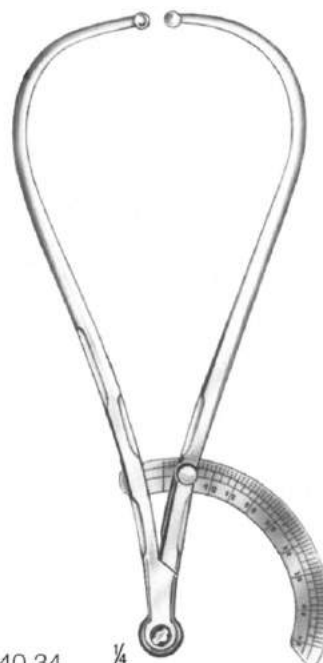
¼

Breisky
33 cm/ 13 "
H-6010.33



¼

Collyer
30,5 cm/ 12 "
H-6030.30



¼

H-6040.34
cm/inches scale

Martin
34 cm/ 13 ½ "

H-6041.34
cm scale



Naegele
H-7310.36 = 36 cm/ 14 "
H-7310.40 = 40 cm/ 15 ½ "



¼

Kielland
41 cm/ 16 ¼ "
H-7330.41



¼

Piper
44 cm/ 17 ½ "
H-7335.44



¼

Simpson
30,5 cm/ 12 "
H-7374.30



WRIGLEY
H-7310.23 23 cm



ELLIOT
H-7402.32 32cm
H-7402.38 38cm



SIMPSON.LUIKART
H-7410.36 36cm



LUIKART
H-7410.40 40cm



DE.LEE
H-7312.30 30cm
H-7312.36 36cm
H-7312.39 39cm



Kielland-luikart
H-7414.40



Simpson-Braun
36 cm/14"
H-7374.36



Boerma
29 cm/11 1/2"
H-7402.29

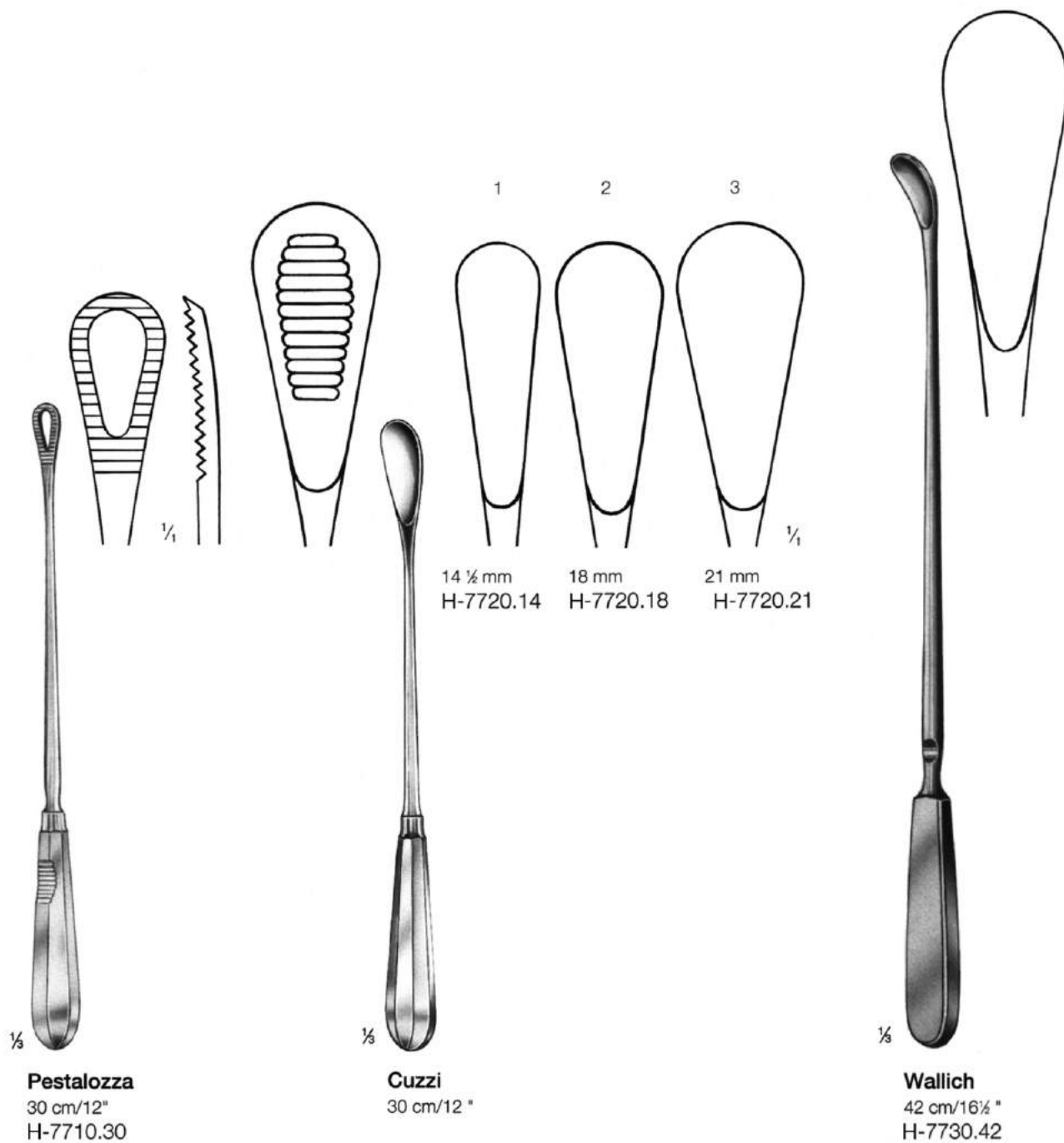


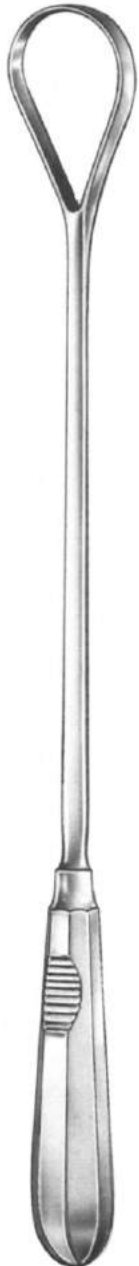
Sellheim
28 cm/11"
H-7205.28



LUIKART-BILL
H-3171.21

Placenta and Ovum Curettes, Scoops





Recamier-Bumm



1/4

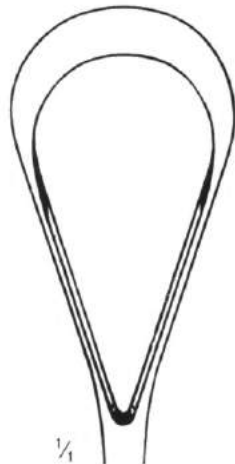
Fig. 11
21 mm



Fig. 12
23 mm



Fig. 13
25 mm



1/4

Fig. 14
30 mm
sharp

rigid



Fig. 15
35 mm

malleable

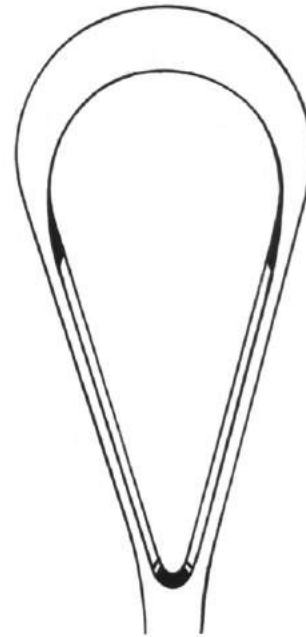


Fig. 16
40 mm

blunt

rigid

malleable

31 cm / 12 1/2"

Fig.

H-4510.21
H-4510.23

H-4511.21
H-4511.23

11
12

H-4512.21
H-4512.23

H-4513.21
H-4513.23

34 cm / 13 1/2"

Fig.

H-4510.25
H-4510.30
H-4510.35
H-4510.40

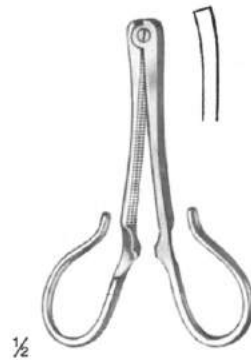
H-4511.25
H-4511.30
H-4511.35
H-4511.40

13
14
15
16

H-4512.25
H-4512.30
H-4512.35
H-4512.40

H-4513.25
H-4513.30
H-4513.35
H-4513.40

Umbilical Cord Clamps



½
Kane
8,5 cm, 3 ½"
H-8210.85



½
Collin
9 cm, 3 ½"
H-8212.90

Amniotomes for the



½
Beacham
26 cm / 10 ¼"
H-7910.26

transvaginal injection for paracervical anaesthesia



½
IOWA
14 cm, 5 ½"
H-8310.14

Trumpet Needle Guide



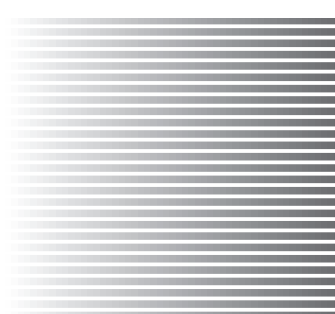


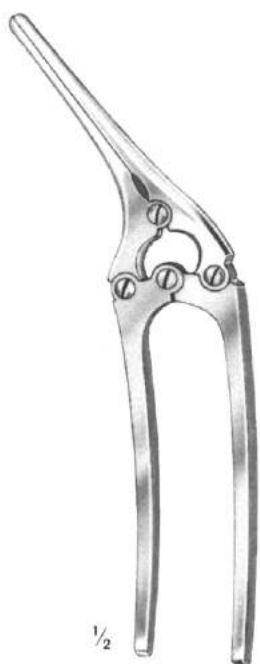
½
IOWA
14 cm, 5 ½"
H-8311.14

Injection Needle
1.00 x 160 mm
Luer-Lock



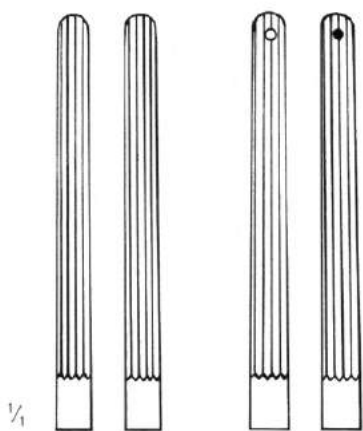
½
IOWA
H-8312.16

- 
- 
- 
- Stomach, intestine, rectum
 - Estomac, intestin, rectum
 - Estómago, intestino, recto



1/2

Payr-Baby
 18 cm/7"



1/1

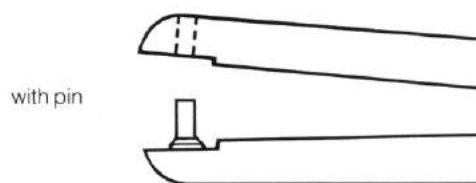
I-0120.18

without pin

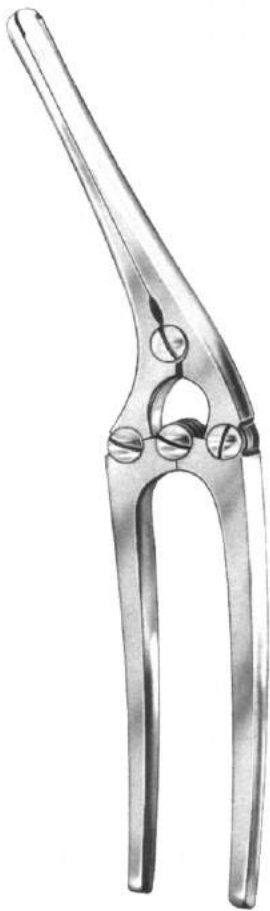
I-0130.18

with pin

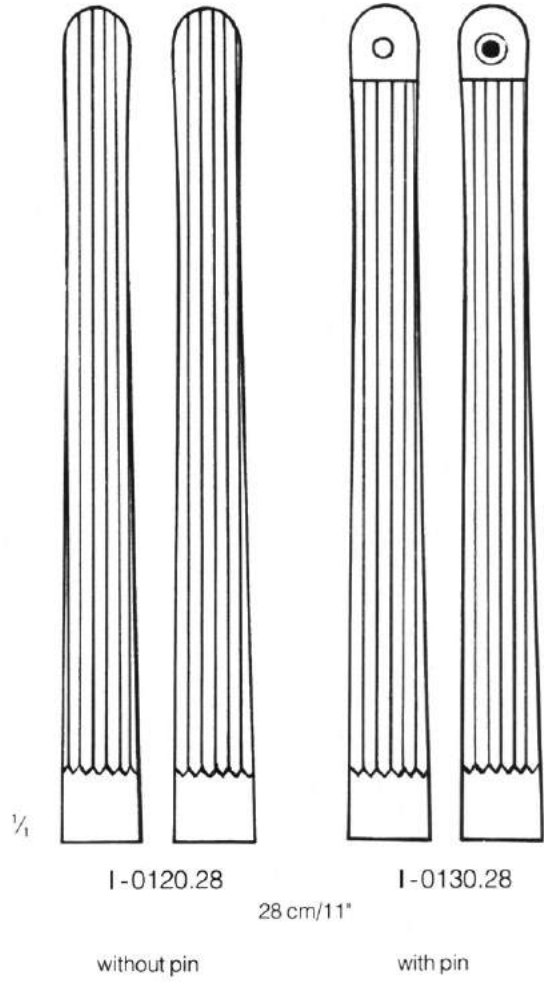
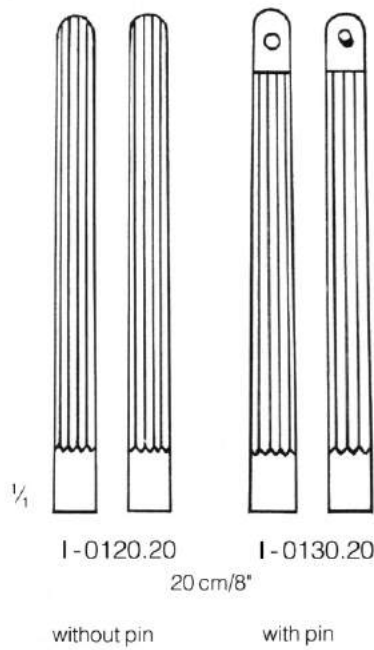
Intestinal and Stomach Clamps

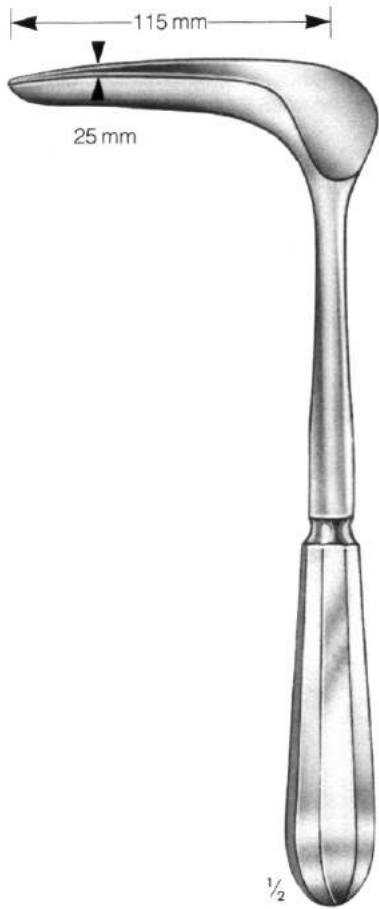


with pin



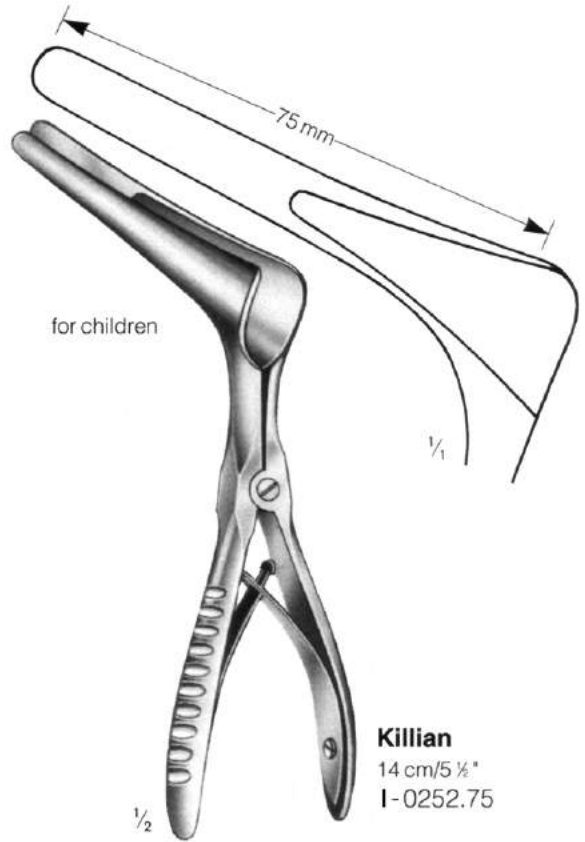
Payr





Rectal specula

Czerny
22 cm/8 3/4"
I-0510.22



for children

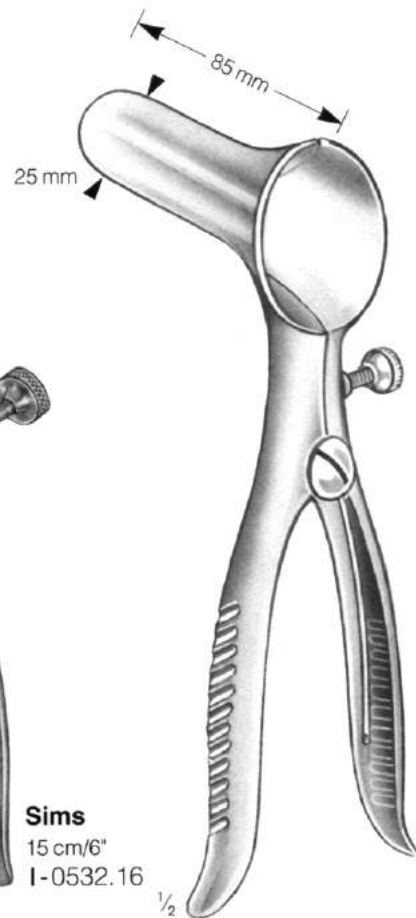
Killian
14 cm/5 1/2"
I-0252.75



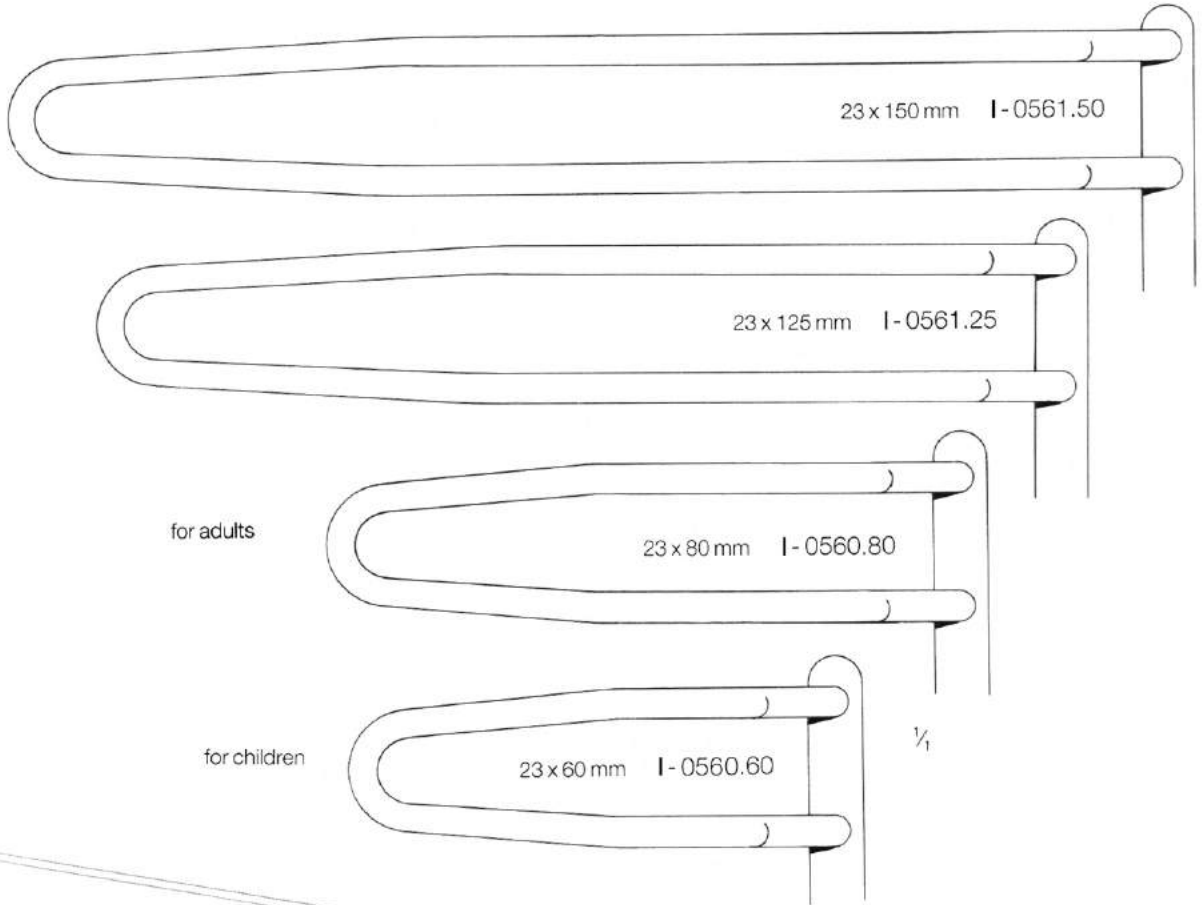
Bodenhammer (Sims)
15 cm/6"
I-0530.16



Sims
15 cm/6"
I-0532.16



Pratt
22 cm/8 3/4"
I-0534.22



Mathieu
 19 cm 7 1/2"
 I-0543.19

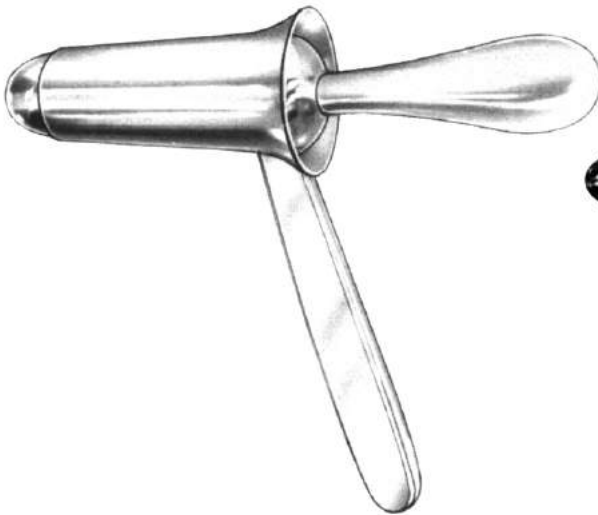
1/2



Sims
 (Schulze-Bergmann)
 22 cm 8 3/4"

1/2

Sphincteroscopes



Kelly
 Ø 21 mm x 50 mm I-0601.21
 Ø 25 mm x 50 mm I-0601.25

Proctoscopes



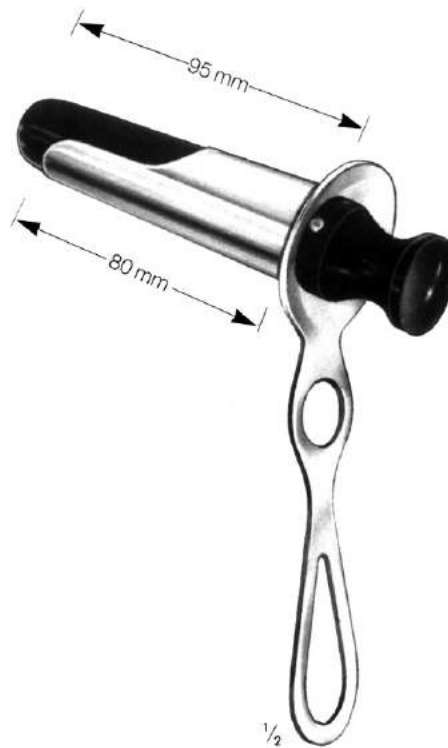
Kelly
 Ø 22 mm x 50 mm I-0722.05
 Ø 22 mm x 100 mm I-0722.10
 Ø 22 mm x 145 mm I-0722.14
 Ø 22 mm x 200 mm I-0722.20

Anoscopes



Hirschmann

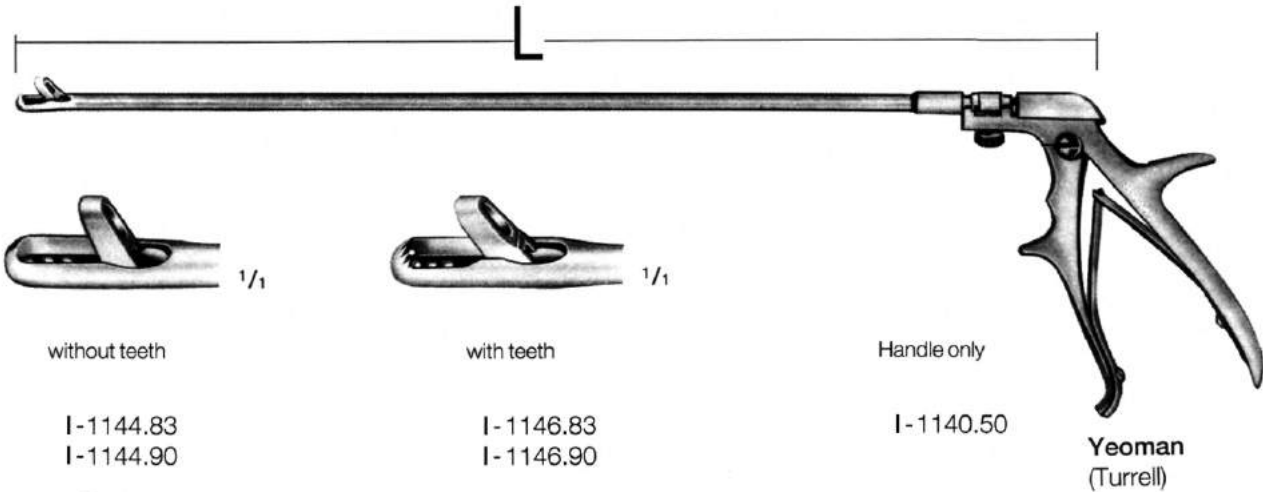
Fig 1 Ø 16 mm x 65 mm I-0806.16
 Fig 2 Ø 19 mm x 65 mm I-0806.19
 Fig 3 Ø 22 mm x 65 mm I-0806.22



Ives-Fansler

22 mm Ø
 I-0826.22

Rectal Biopsy Forceps

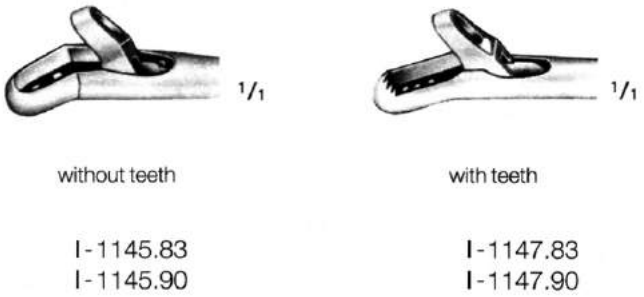


I-1144.83
I-1144.90

I-1146.83
I-1146.90

I-1140.50

Yeoman
(Turrell)

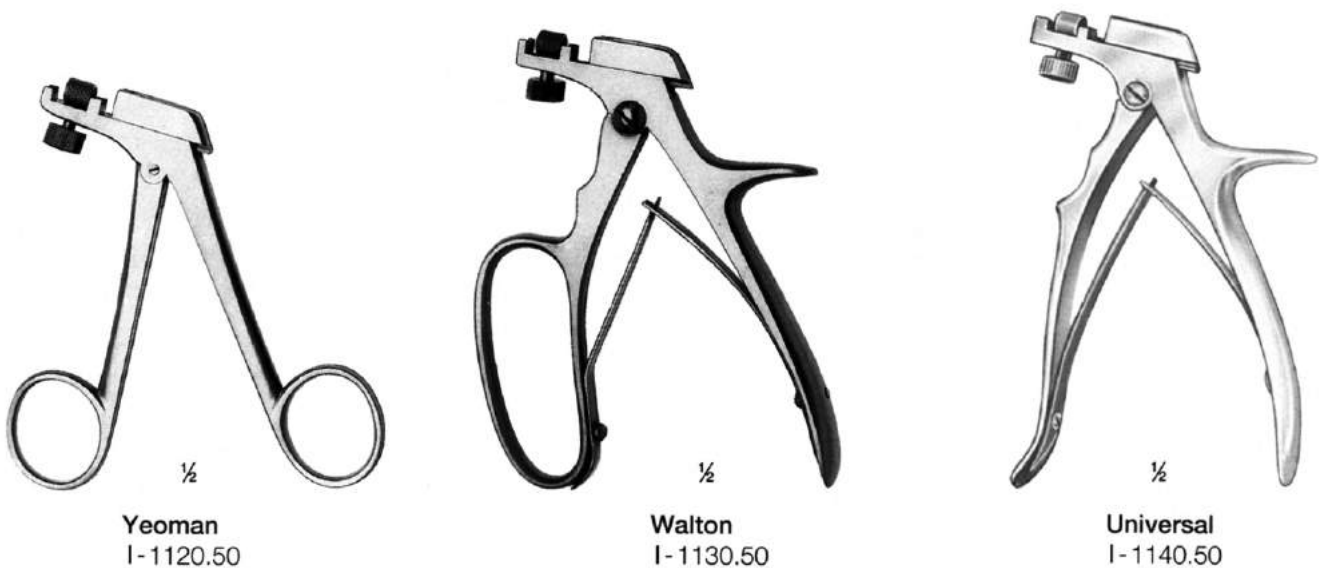


I-1145.83
I-1145.90

I-1147.83
I-1147.90

Forceps with handle	L	Stem only
I-1144.83	33 cm, 13"	I-1144.33
I-1144.90	40 cm, 16"	I-1144.40
I-1145.83	33 cm, 13"	I-1145.33
I-1145.90	40 cm, 16"	I-1145.40
I-1146.83	33 cm, 13"	I-1146.33
I-1146.90	40 cm, 16"	I-1146.40
I-1147.83	33 cm, 13"	I-1147.33
I-1147.90	40 cm, 16"	I-1147.40

Interchangeable handles for Rectal Biopsy Specimen Forceps



Yeoman
I-1120.50

Walton
I-1130.50

Universal
I-1140.50

Rectal Biopsy Forceps

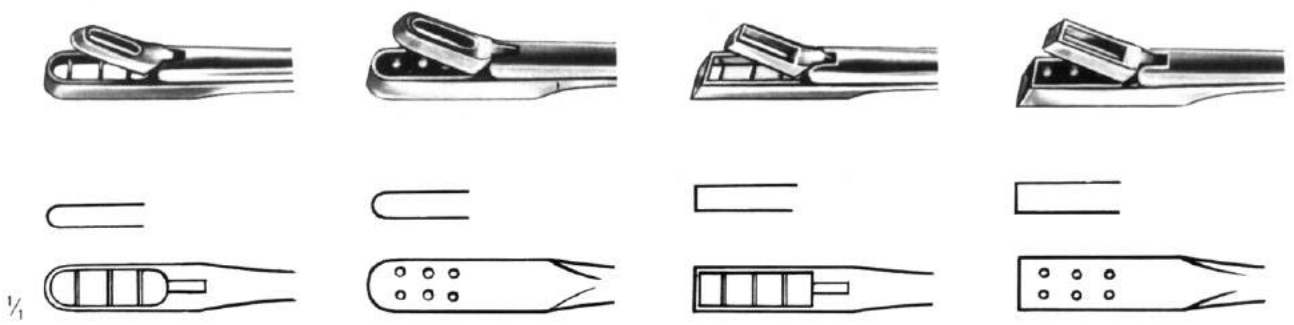
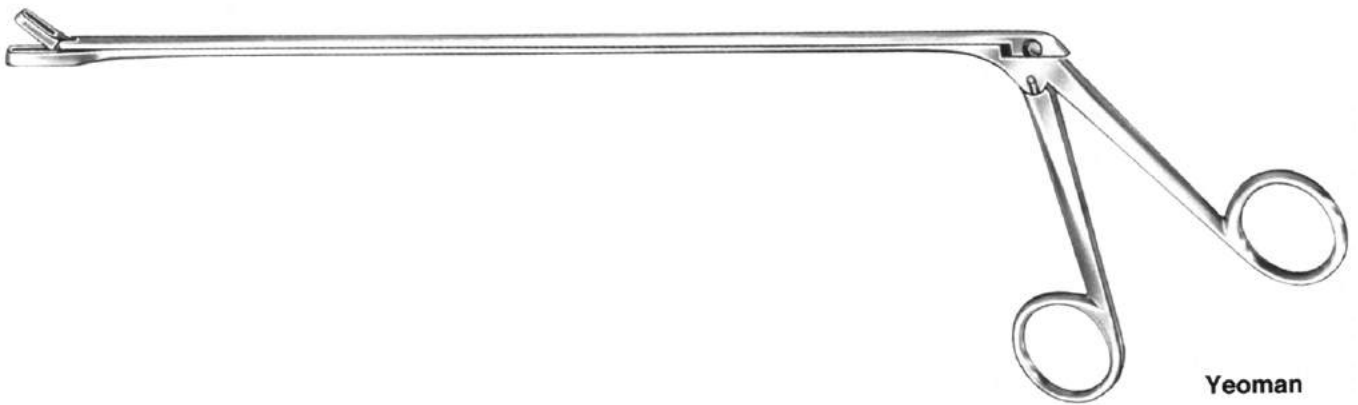
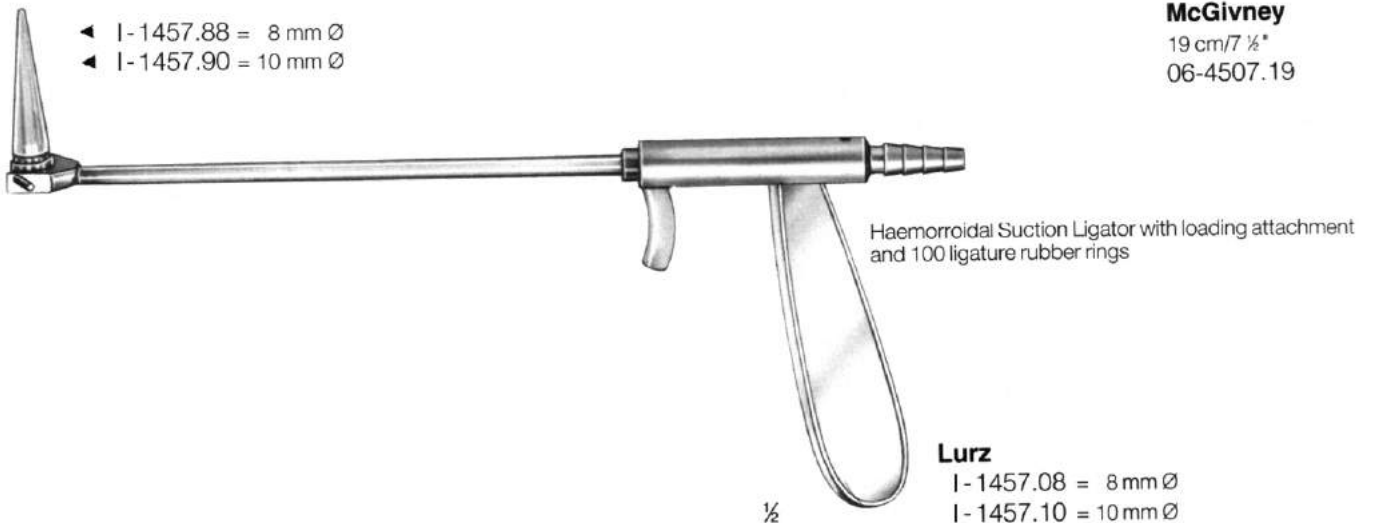
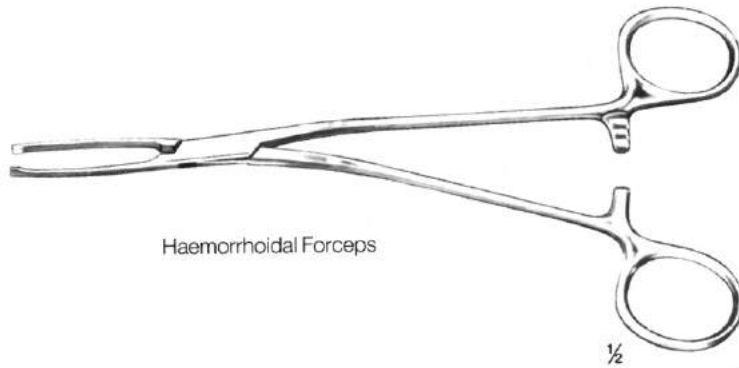
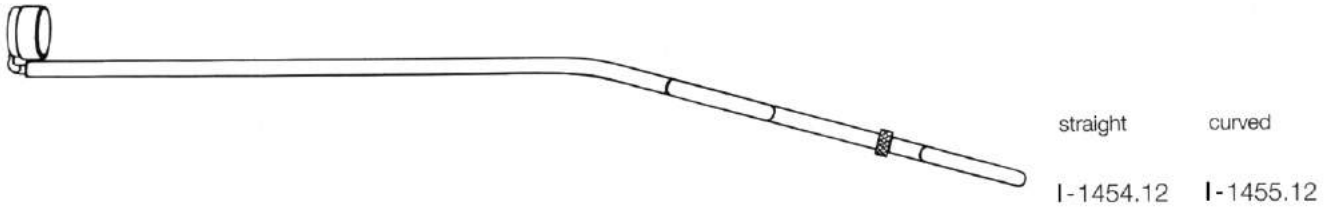
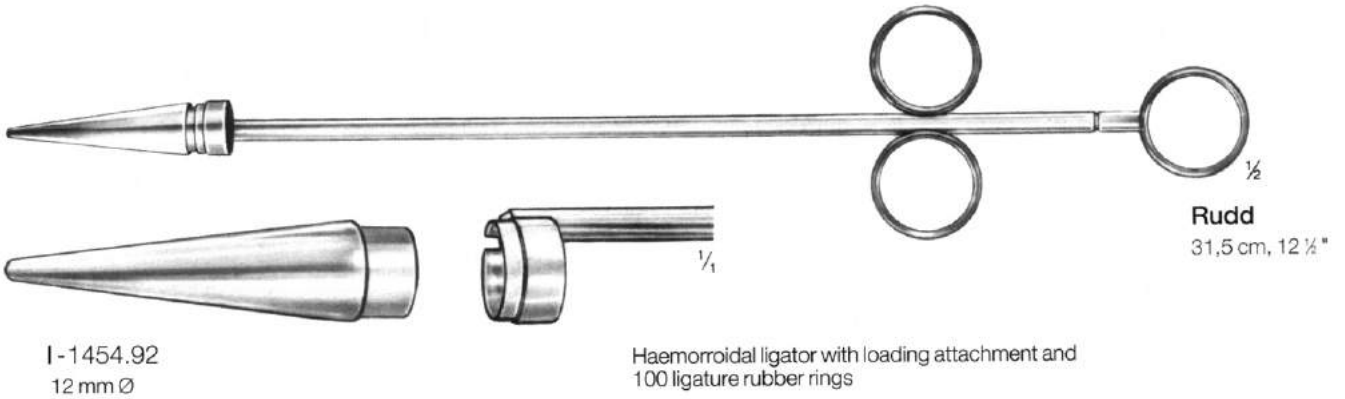


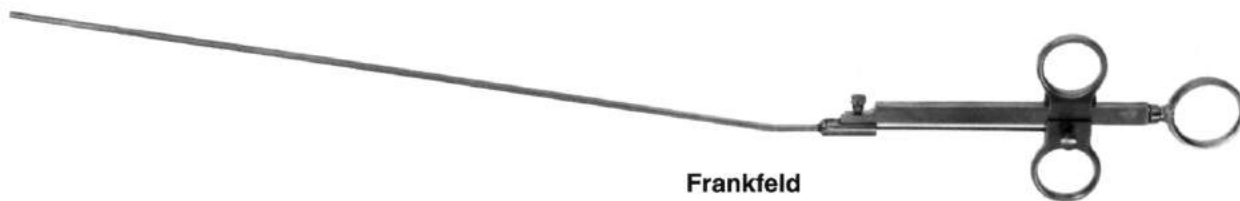
Fig. 1 Fig. 2 Fig. 3 Fig. 4

cm	inch.	Fig. 1	Fig. 2	Fig. 3	Fig. 4
28	11	I-1001.28	I-1002.28	I-1003.28	I-1004.28
35	13 3/4	I-1001.35	I-1002.35	I-1003.35	I-1004.35
42	16 1/2	I-1001.42	I-1002.42	I-1003.42	I-1004.42

Haemorrhoidal Ligators



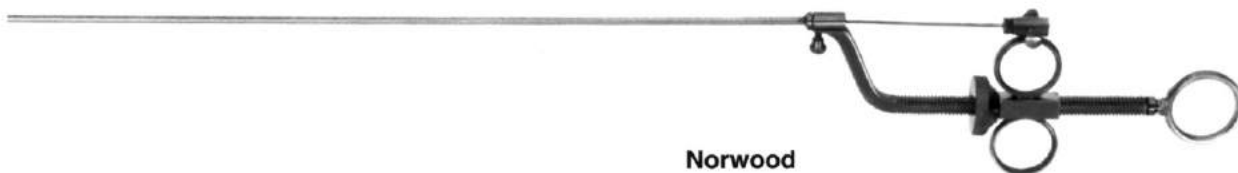
Rectal Snares



Frankfeld

working length: 30,5 cm/12"

I- 1510.31



Norwood

working length: 30,5 cm/12"

I- 1521.31

Steel Wire for Rectal Snares



10 m, 33 ft.

0,3 mm	I- 1550.30
0,4 mm	I- 1550.40
0,5 mm	I- 1550.50

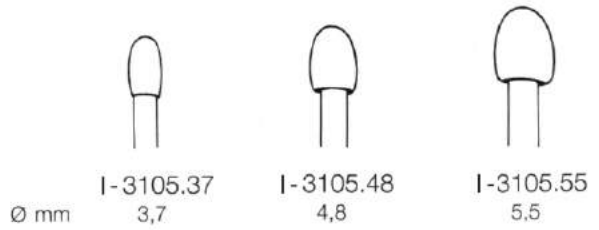
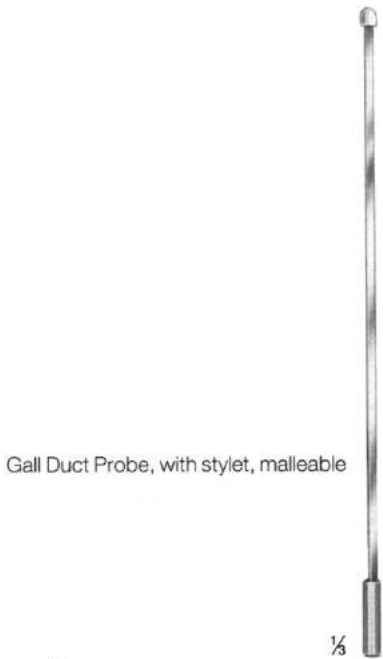


10 cm, 4"

0,3 mm	I- 1552.30
0,4 mm	I- 1552.40
0,5 mm	I- 1552.50

package of 12 pieces

Gall Duct Dilators



Desjardins
28 cm / 11"

Gall Stone Scoops



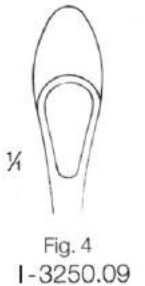
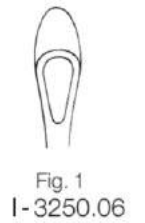
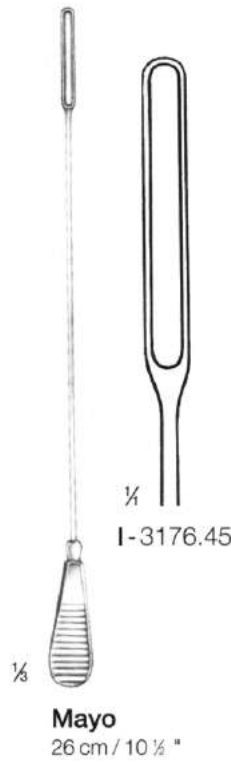
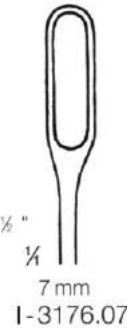
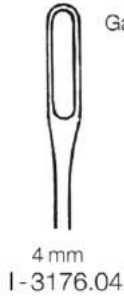
Ochsner(Fenger)
38 cm / 15"
I-3102.38



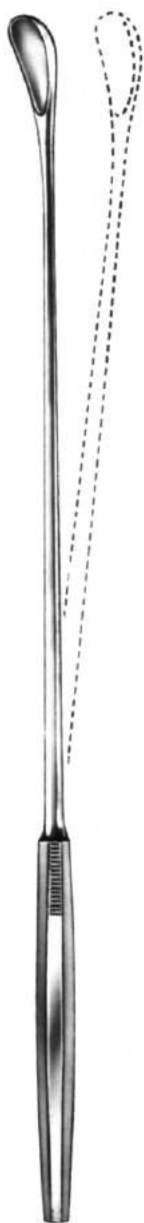
Moynihan
34 cm / 13 1/2"
I-3110.34



Mayo
26 cm / 10 1/2"



Gall Stone Scoops



Luer-Körte

32 cm/12 3/4"

malleable, blunt



Fig. 000
I-3230.33
2,5 mm



Fig. 00
I-3230.42
3,2 mm



Fig. 0
I-3230.50
4,2 mm



Fig. 1
I-3230.51
5,5 mm



Fig. 2
I-3230.52
6,7 mm



Fig. 3
I-3230.53
8 mm



Fig. 4
I-3230.54
11 mm



Fig. 5
I-3230.55
15 mm



Mayo

28 cm/11 "

I-3338.28

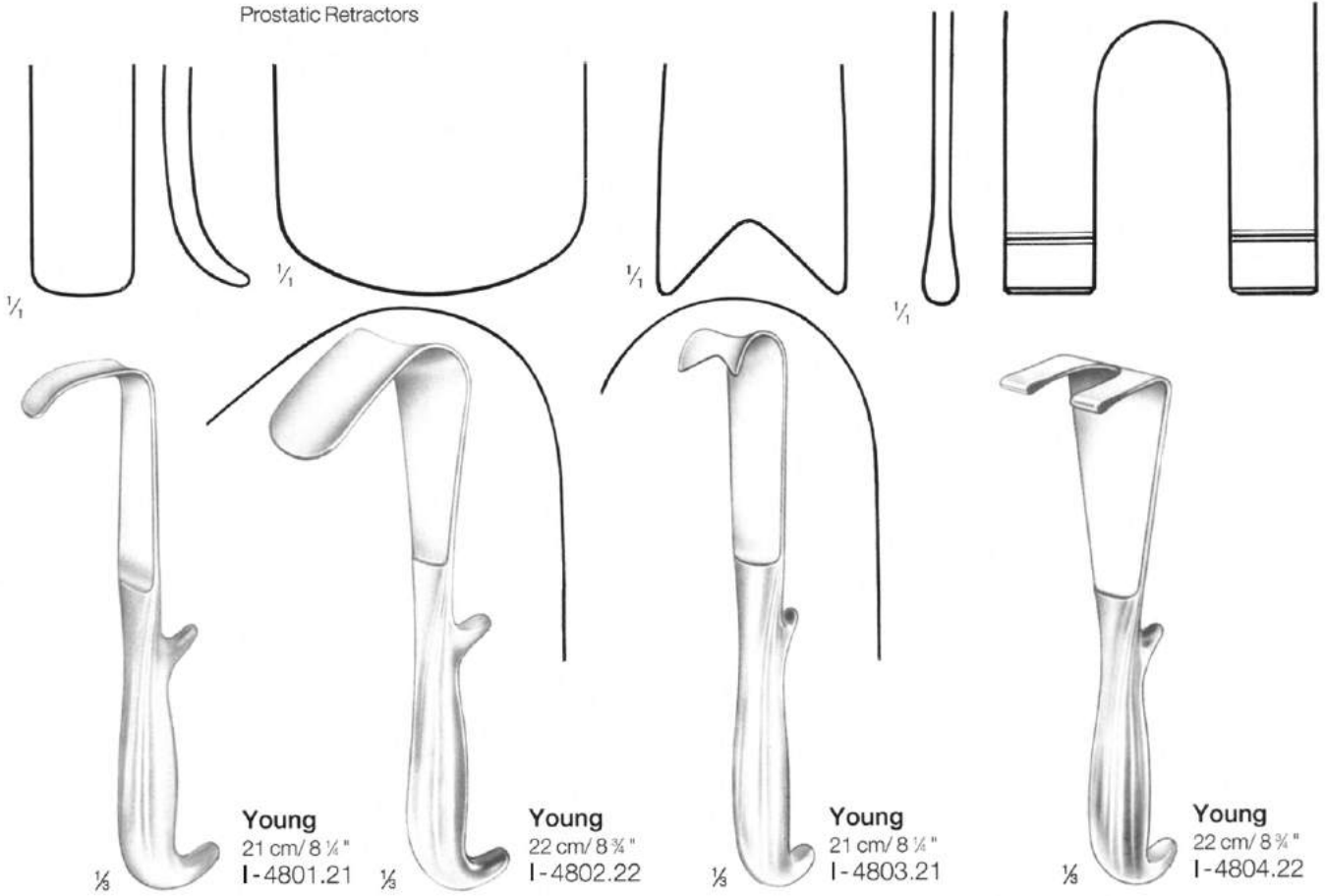


Moore

30 cm/12 "

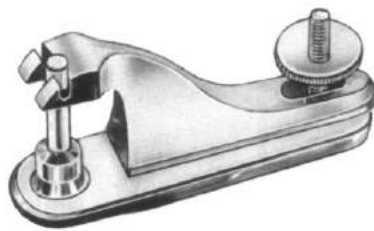
I-3355.30

Prostatic Retractors

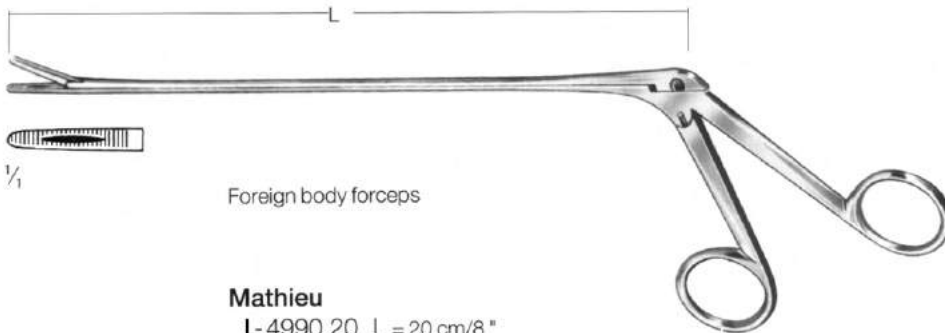


Catheter Introducing Instruments (Guides)

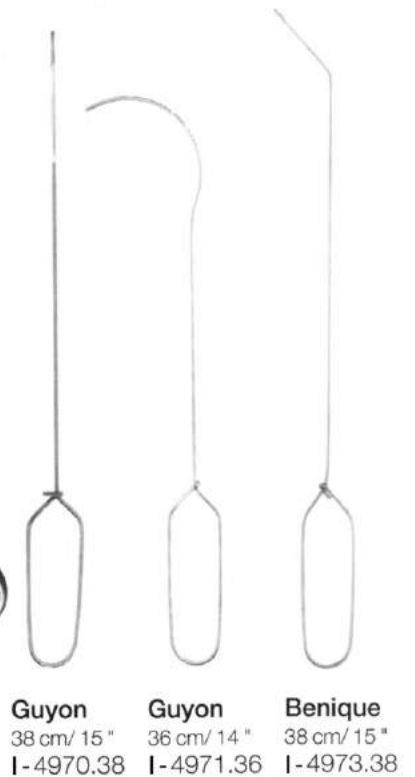
Circumcision instrument



	Ø mm
I-4910.08	8,0
I-4910.11	11,0
I-4910.13	13,0
I-4910.14	14,5
I-4910.16	16,0
I-4910.21	21,0
I-4910.24	24,0
I-4910.26	26,0
I-4910.29	29,0
I-4910.32	32,0
I-4910.35	35,0



Mathieu
 I-4990.20 L = 20 cm / 8"
 I-4990.28 L = 28 cm / 11"

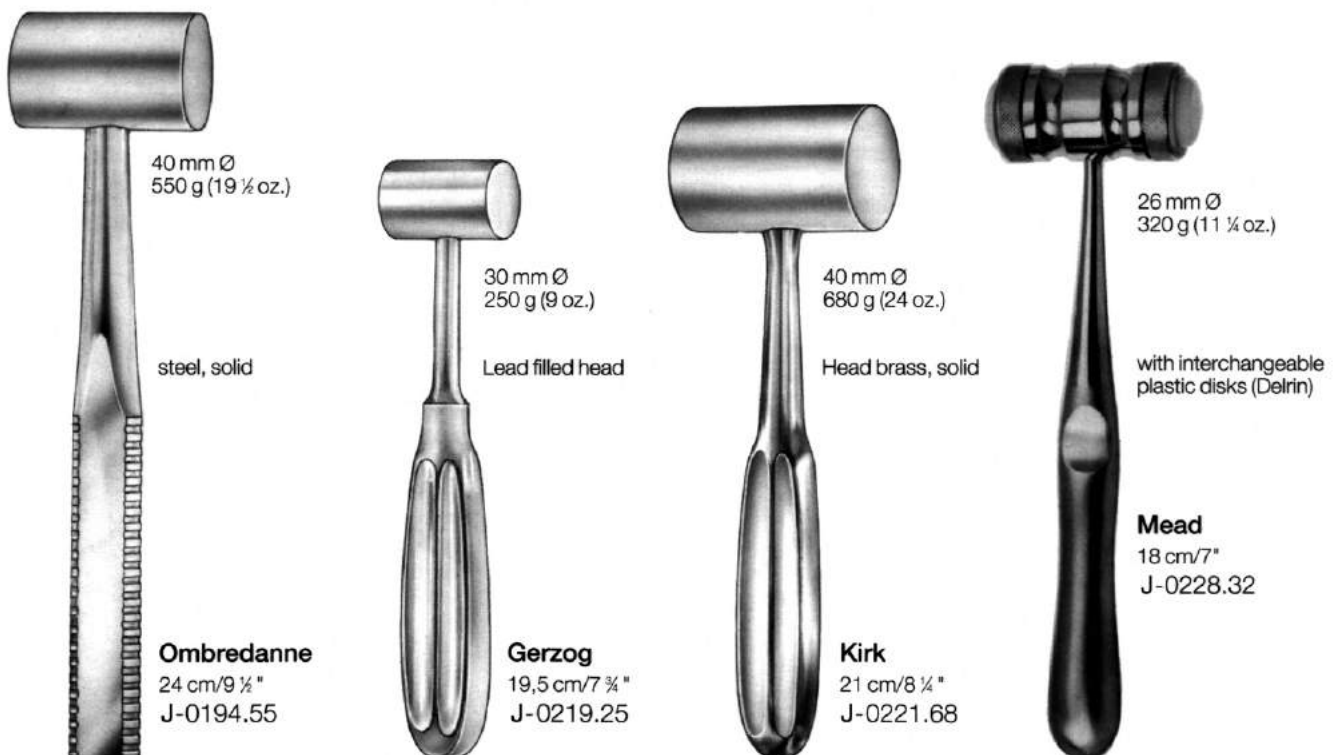
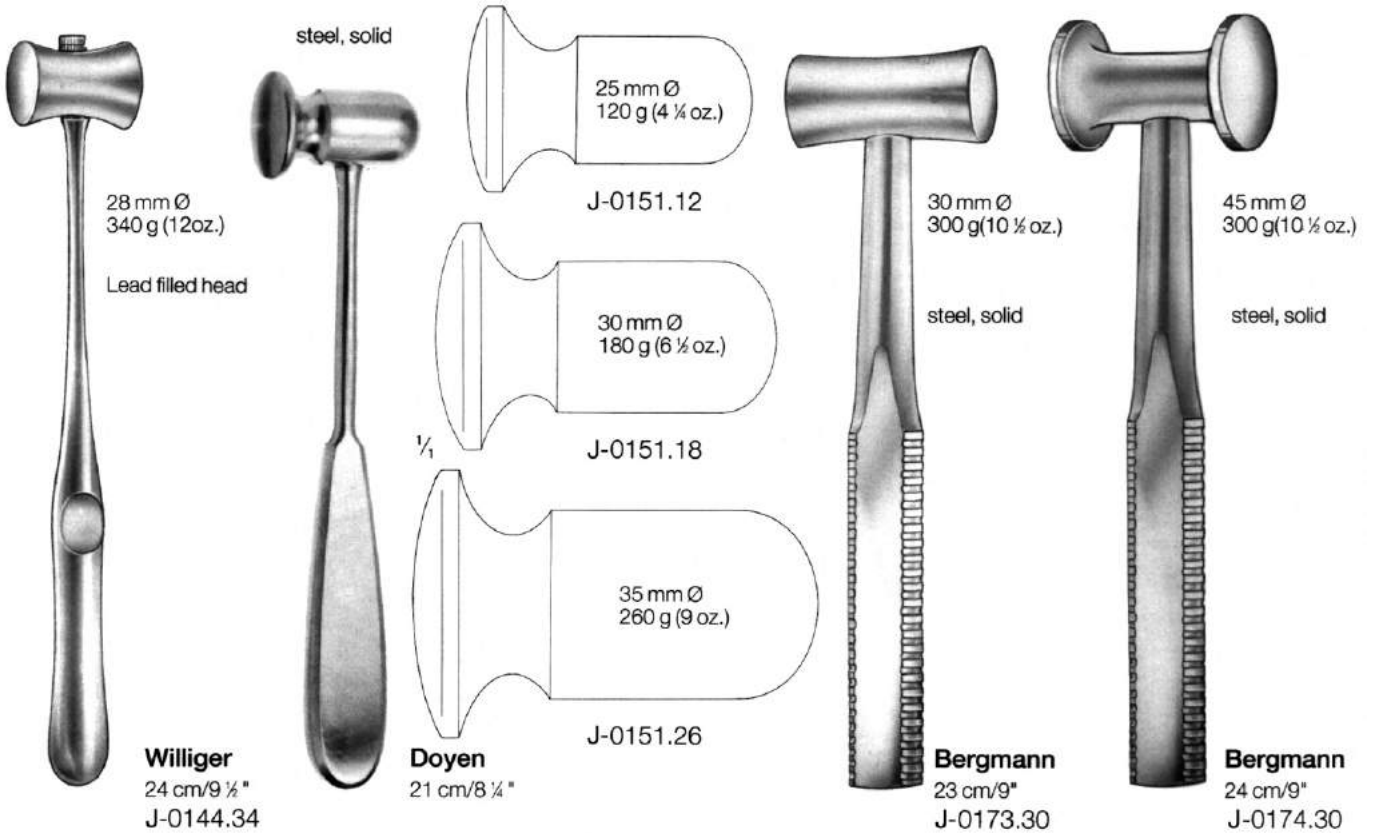




J

- Mallets, chisels, gouges, osteotomes, curettes, rasps, elevators, dissectors
- Maillets, ciseaux-burins, gouges, ostéotomes, curettes tranchantes, limes et râpes à os, rugines, élévateurs, dissecteurs
- Martillos y mazos, cucharillas cortantes, limas para huesos, escofinas, periostótomos, elevadores, disecadores







35 mm Ø

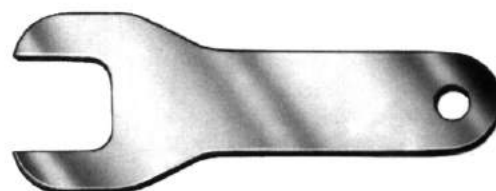
Wagner

23 cm/9"

J-0235.13

complete with
1 pair of metal disks
1 pair of plastic disks
(Delrin) and
1 Wrench

½



J-0235.99

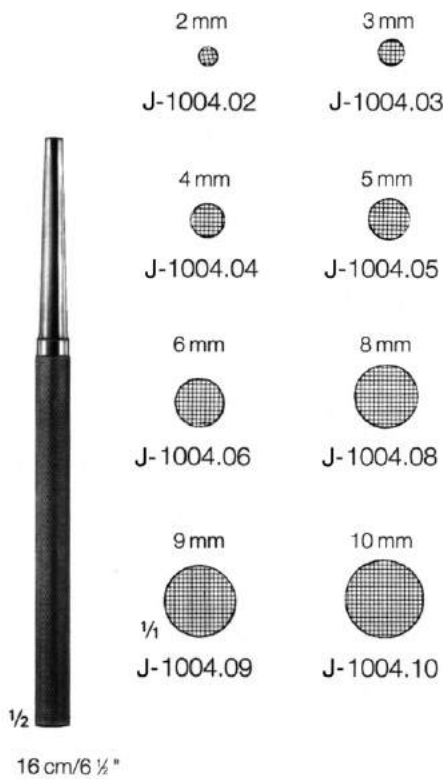
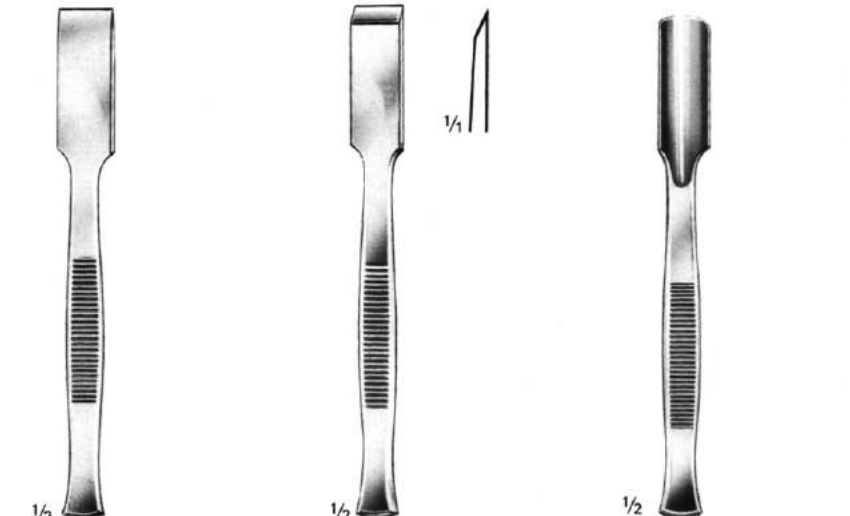
Wrench



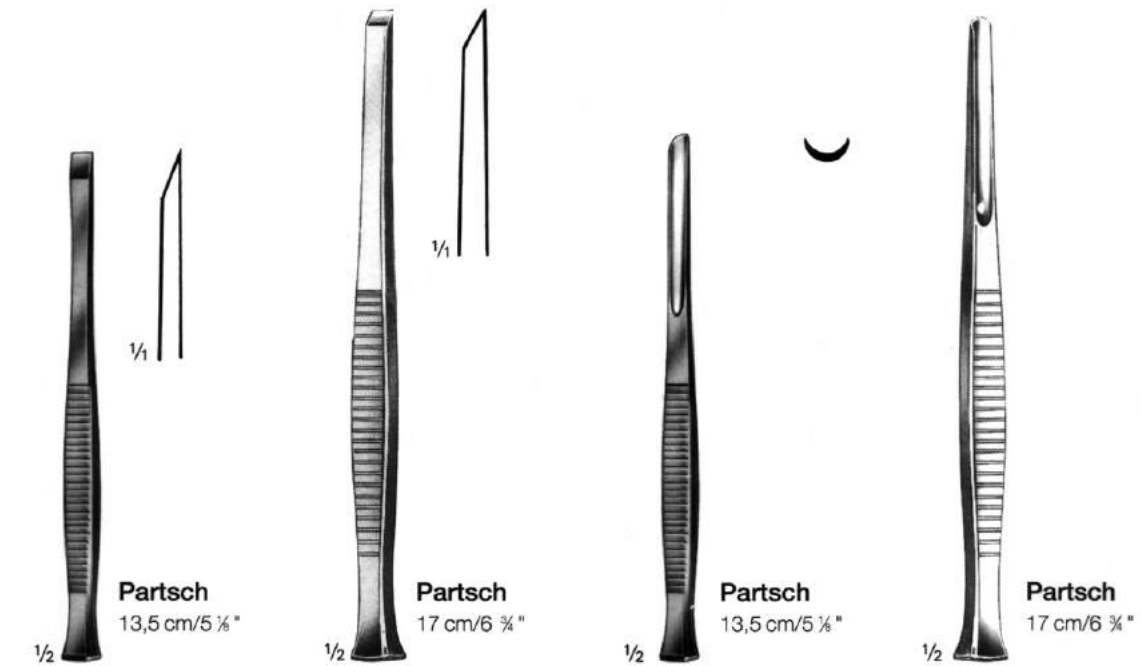
Hemostats, chisels, gouges, osteotomes

Fouloirs hémostatiques, ciseaux-burins, gouges, ostéotomes

Hemostáticos, cineles, gubias, osteótomos

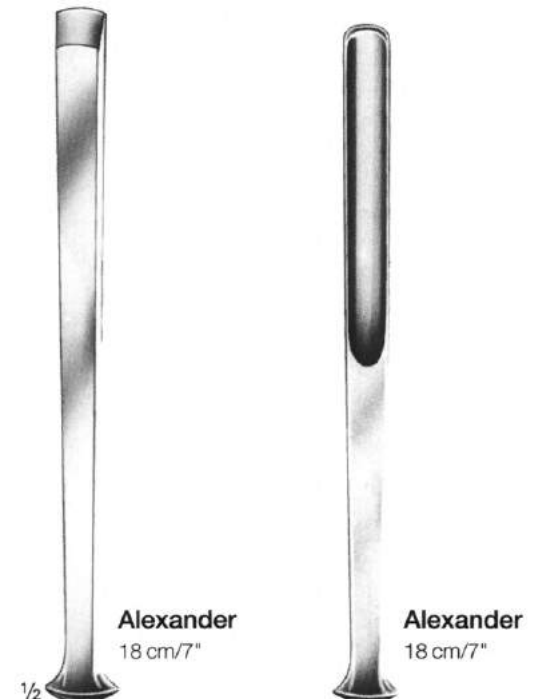



J-1020.04	4 mm	J-1022.04	4 mm	J-1024.04	4 mm
J-1020.06	6 mm	J-1022.06	6 mm	J-1024.06	6 mm
J-1020.08	8 mm	J-1022.08	8 mm	J-1024.08	8 mm
J-1020.10	10 mm	J-1022.10	10 mm	J-1024.10	10 mm
J-1020.12	12 mm	J-1022.12	12 mm	J-1024.12	12 mm
J-1020.14	14 mm	J-1022.14	14 mm	J-1024.14	14 mm
J-1020.16	16 mm	J-1022.16	16 mm	J-1024.16	16 mm



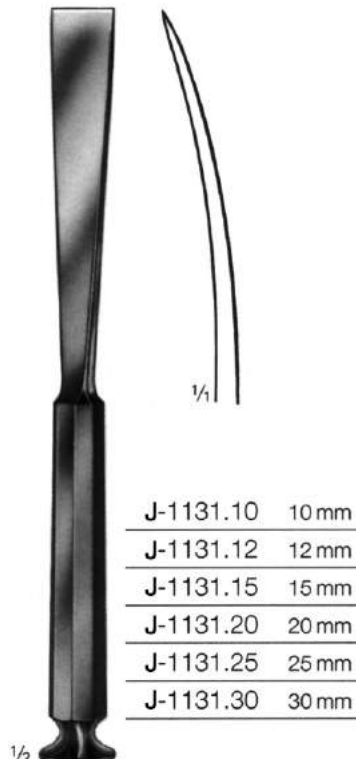
Partsch		Partsch		Partsch		Partsch	
13,5 cm/5 1/2"		17 cm/6 3/4"		13,5 cm/5 1/2"		17 cm/6 3/4"	
J-1062.02	2 mm	J-1072.02	2 mm	J-1064.02	2 mm	J-1074.02	2 mm
J-1062.03	3 mm	J-1072.03	3 mm	J-1064.03	3 mm	J-1074.03	3 mm
J-1062.04	4 mm	J-1072.04	4 mm	J-1064.04	4 mm	J-1074.04	4 mm
J-1062.05	5 mm	J-1072.05	5 mm	J-1064.05	5 mm	J-1074.05	5 mm
J-1062.06	6 mm	J-1072.06	6 mm	J-1064.06	6 mm	J-1074.06	6 mm
J-1062.07	7 mm	J-1072.07	7 mm	J-1064.07	7 mm	J-1074.07	7 mm
J-1062.08	8 mm	J-1072.08	8 mm	J-1064.08	8 mm	J-1074.08	8 mm

Osteotomes, chisels, gouges
Ostéotomes, ciseaux-burins, gouges
Osteótomos, cinceles, gubias



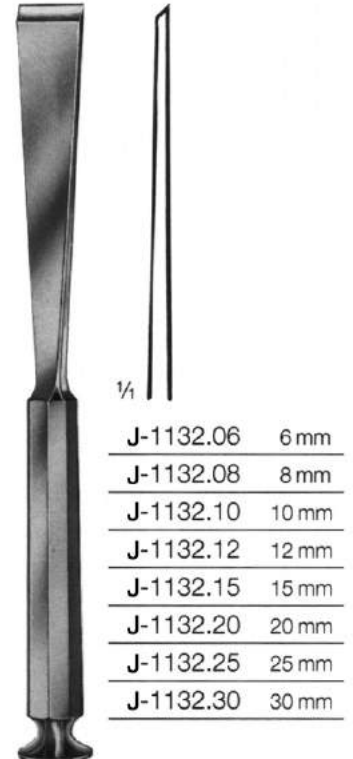
Alexander
18 cm/7"

J-1112.04	4 mm	J-1114.04	4 mm
J-1112.06	6 mm	J-1114.06	6 mm
J-1112.08	8 mm	J-1114.08	8 mm
J-1112.10	10 mm	J-1114.10	10 mm
J-1112.12	12 mm	J-1114.12	12 mm
J-1112.14	14 mm	J-1114.14	14 mm



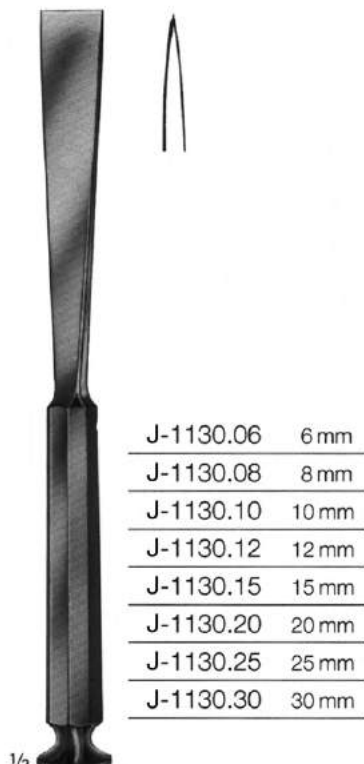
Stille
20 cm/8"

J-1131.10	10 mm
J-1131.12	12 mm
J-1131.15	15 mm
J-1131.20	20 mm
J-1131.25	25 mm
J-1131.30	30 mm



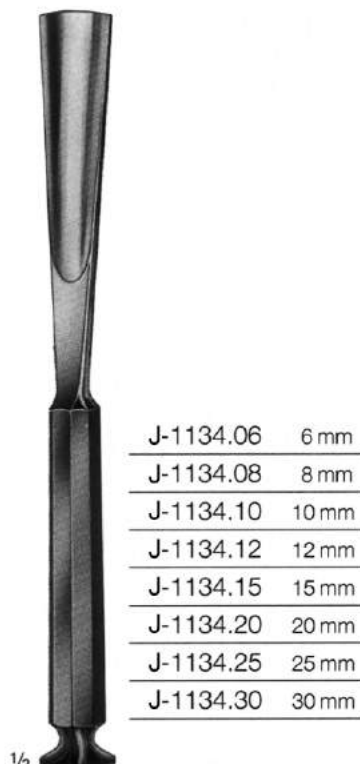
Stille
20 cm/8"

J-1132.06	6 mm
J-1132.08	8 mm
J-1132.10	10 mm
J-1132.12	12 mm
J-1132.15	15 mm
J-1132.20	20 mm
J-1132.25	25 mm
J-1132.30	30 mm



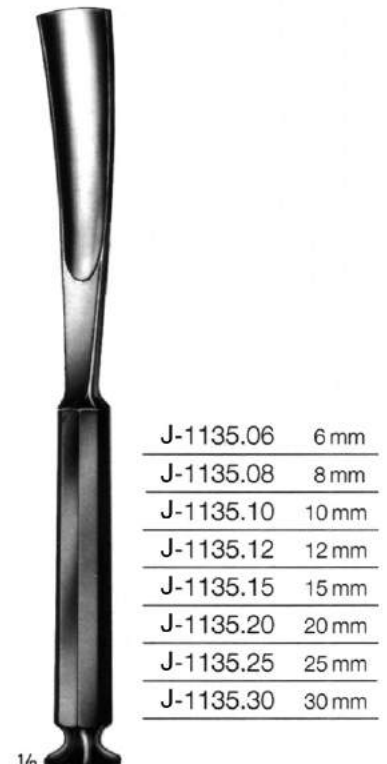
Stille
20 cm/8"

J-1130.06	6 mm
J-1130.08	8 mm
J-1130.10	10 mm
J-1130.12	12 mm
J-1130.15	15 mm
J-1130.20	20 mm
J-1130.25	25 mm
J-1130.30	30 mm



Stille
20 cm/8"


J-1134.06	6 mm
J-1134.08	8 mm
J-1134.10	10 mm
J-1134.12	12 mm
J-1134.15	15 mm
J-1134.20	20 mm
J-1134.25	25 mm
J-1134.30	30 mm



Stille
20 cm/8"

J-1135.06	6 mm
J-1135.08	8 mm
J-1135.10	10 mm
J-1135.12	12 mm
J-1135.15	15 mm
J-1135.20	20 mm
J-1135.25	25 mm
J-1135.30	30 mm

Chisels, gouges, with ferrozell (novotex) handles
Ciseaux-burins, gouges, manche en ferrozell (novottex)
Cinceles, gubias, con mangos de ferrozell (novotex)



1/2

1/4

4 mm
J-1150.04


6 mm
J-1150.06

8 mm
J-1150.08

10 mm
J-1150.10

12 mm
J-1150.12

Mini-Lexer
18 cm/7"



1/2

1/4

4 mm
J-1154.04


6 mm
J-1154.06

8 mm
J-1154.08

10 mm
J-1154.10

12 mm
J-1154.12

Mini-Lexer
18 cm/7"



1/2

1/4

7 mm

10 mm

15 mm

20 mm


25 mm

30 mm

1/4

J-1160.07	7 mm
J-1160.10	10 mm
J-1160.15	15 mm
J-1160.20	20 mm
J-1160.25	25 mm
J-1160.30	30 mm

Lexer
22 cm/8 3/4"



1/2

1/4

7 mm

10 mm

15 mm

20 mm

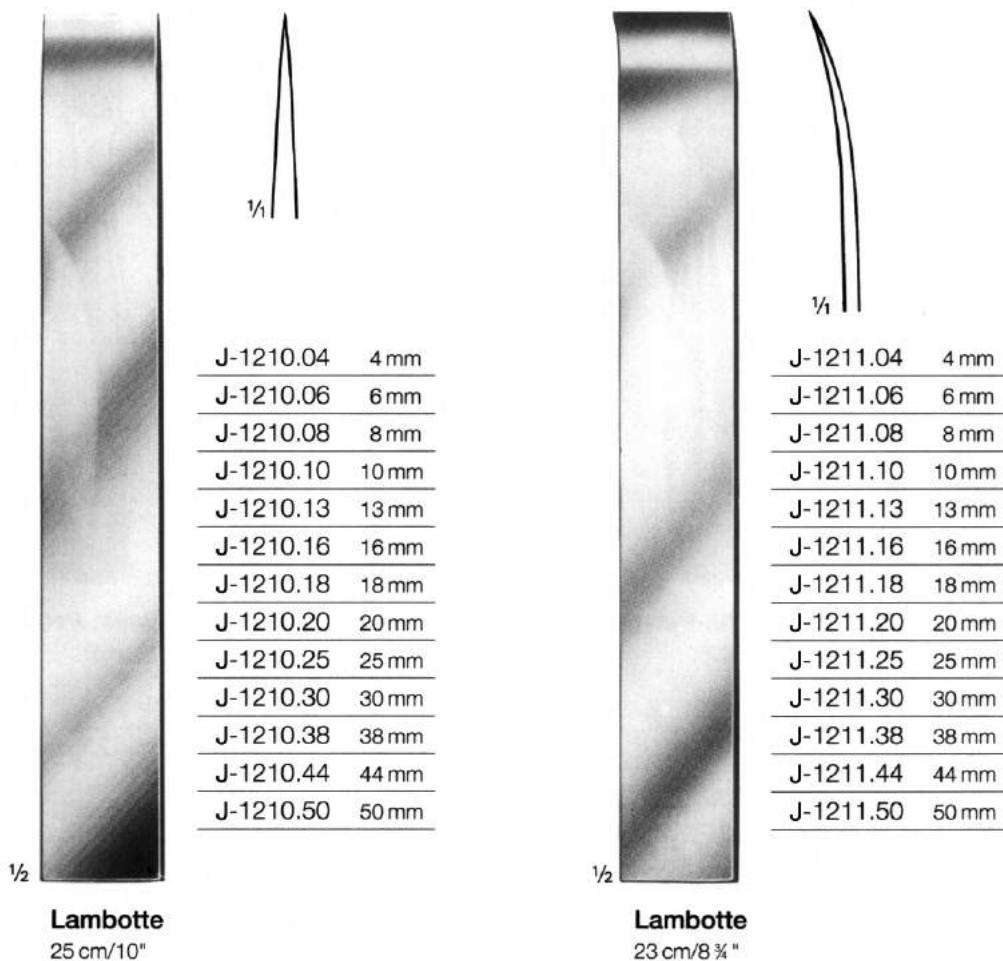
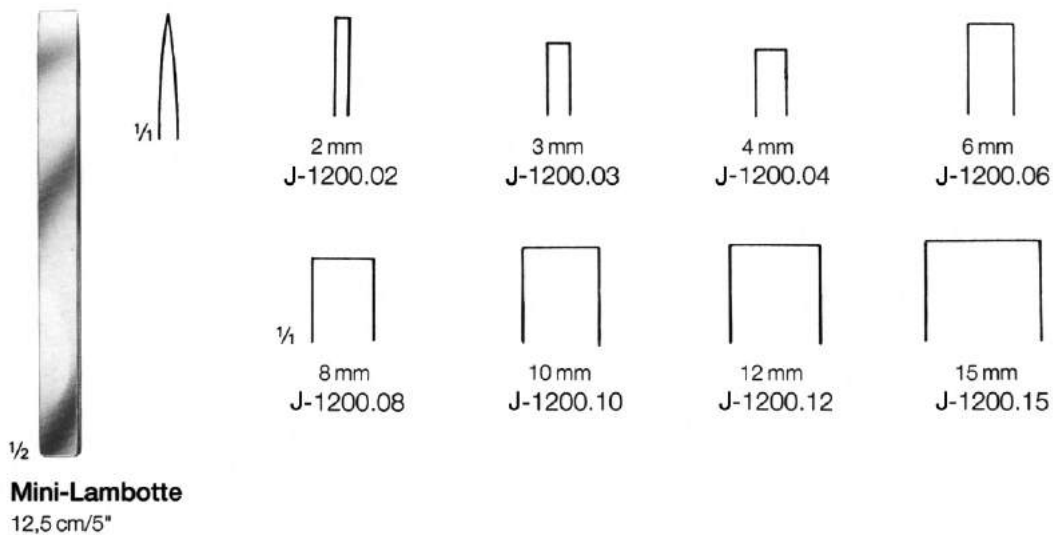
25 mm

30 mm

1/4

J-1164.07	7 mm
J-1164.10	10 mm
J-1164.15	15 mm
J-1164.20	20 mm
J-1164.25	25 mm
J-1164.30	30 mm

Lexer
22 cm/8 3/4"





1/2

Smith-Petersen
20 cm/8"



1/2

Smith-Petersen
20 cm/8"



1/2

Smith-Petersen
20 cm/8"



1/2

Smith-Petersen
20 cm/8"

6 mm	J-1230.06	J-1231.06	-	-
9 mm	J-1230.09	J-1231.09	J-1234.09	J-1235.09
13 mm	J-1230.13	J-1231.13	-	-
14 mm	-	-	J-1234.14	J-1235.14
16 mm	J-1230.16	J-1231.16	-	-
19 mm	J-1230.19	J-1231.19	J-1234.19	J-1235.19
25 mm	J-1230.25	J-1231.25	J-1234.25	J-1235.25
32 mm	J-1230.32	J-1231.32	J-1234.32	J-1235.32



Hibbs
24 cm/9 1/2"

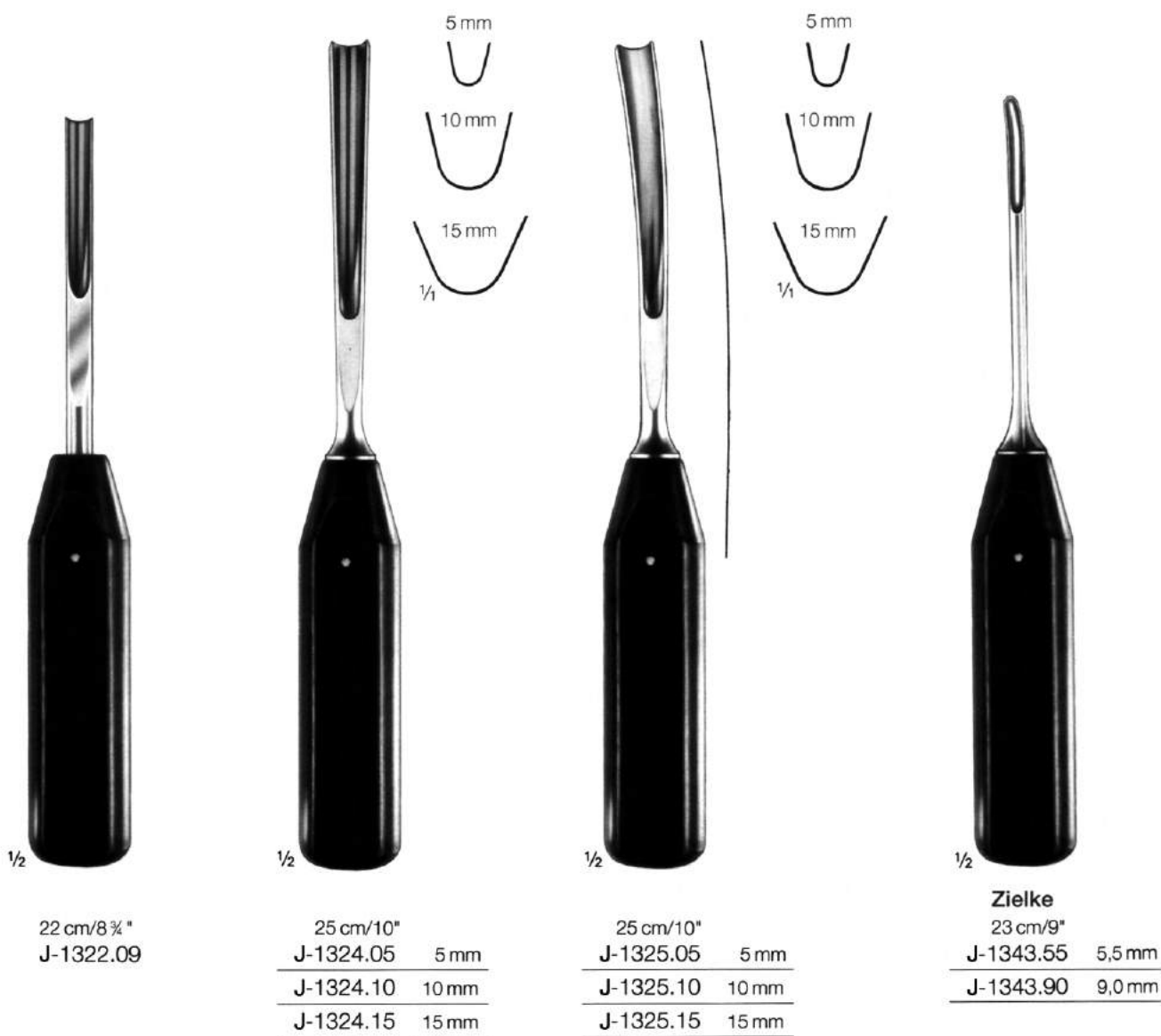
Hibbs
24 cm/9 1/2"

Hibbs
24 cm/9 1/2"

Hibbs
24 cm/9 1/2"

Hibbs
24 cm/9 1/2"

6 mm	J-1250.06	J-1252.06	J-1251.06	J-1254.06	J-1255.06
13 mm	J-1250.13	J-1252.13	J-1251.13	J-1254.13	J-1255.13
19 mm	J-1250.19	J-1252.19	J-1251.19	J-1254.19	J-1255.19
25 mm	J-1250.25	J-1252.25	J-1251.25	J-1254.25	J-1255.25
32 mm	J-1250.32	J-1252.32	J-1251.32	J-1254.32	J-1255.32





Cobb
28 cm/11"
J-1358.08



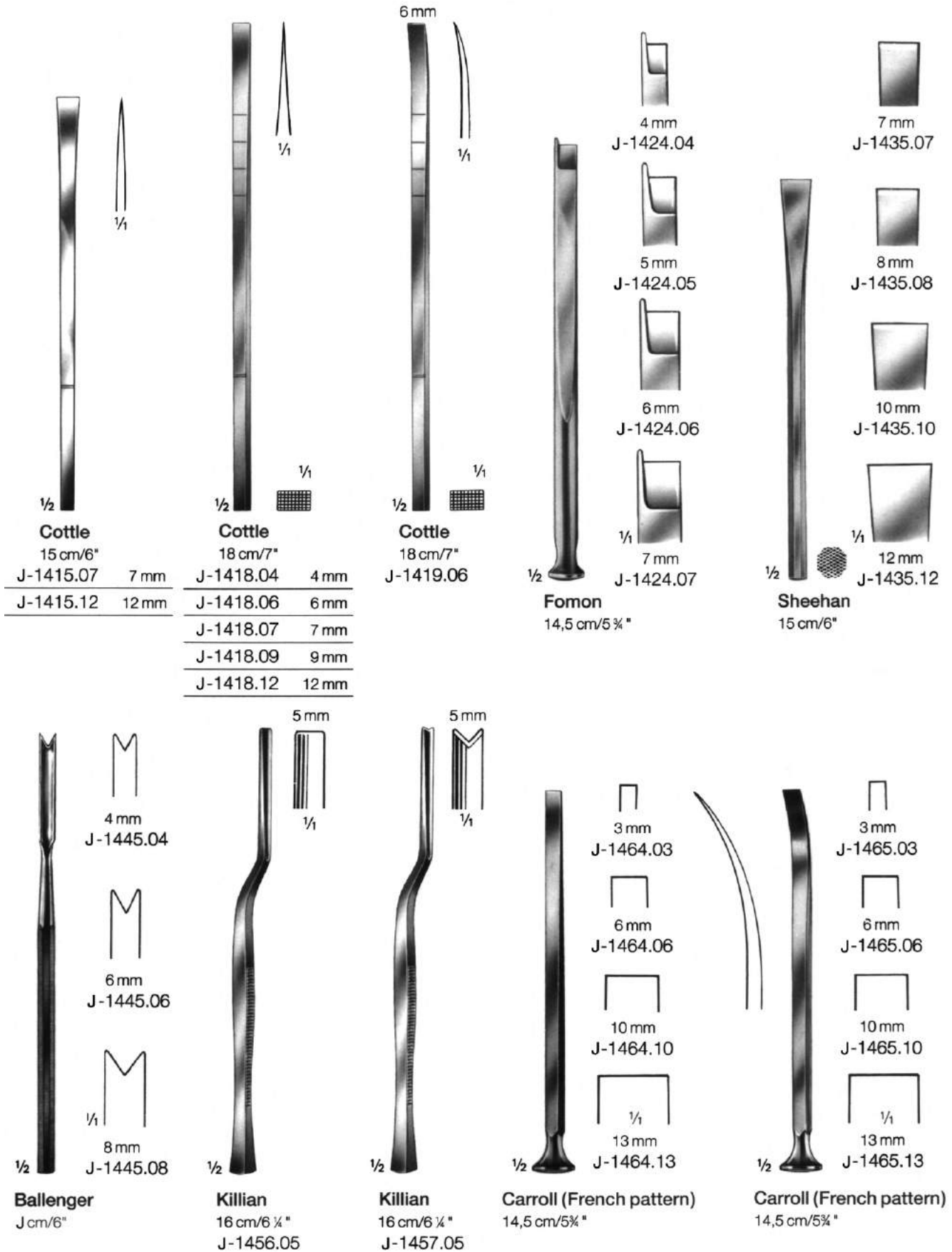
Cobb
28 cm/11"
J-1358.28

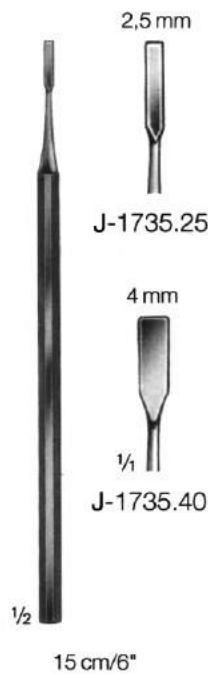
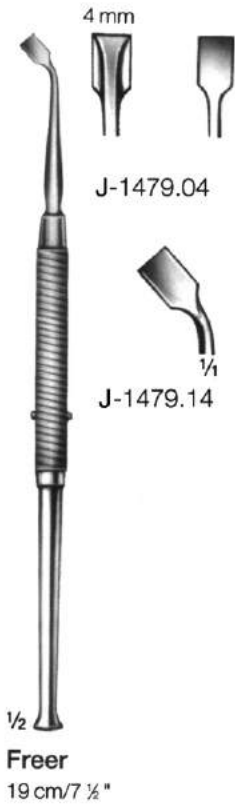


Cobb
28 cm/11"
J-1358.48



Cobb
28 cm/11"
J-1358.68





for sectioning of
 Alveolar Process
 between two roots

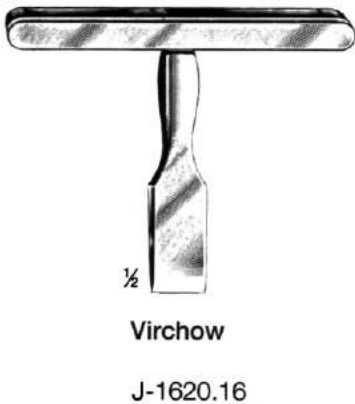


Dissecting Chisels

for opening the spinal column

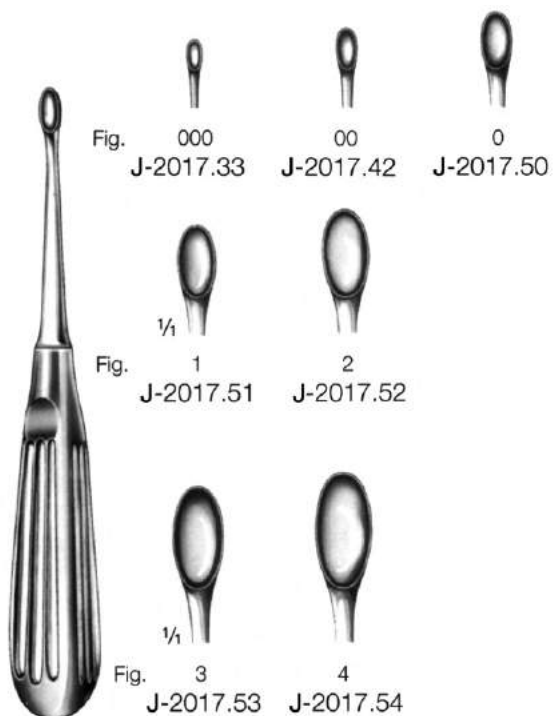


Skull Breaker



Sternum Chisel

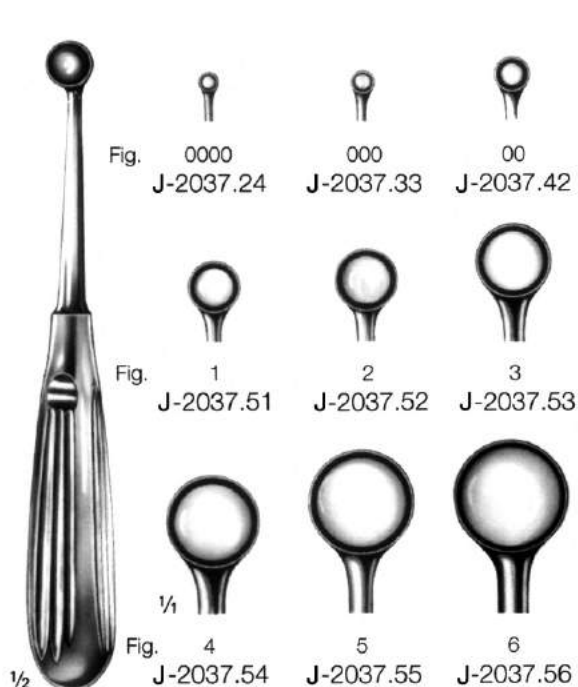




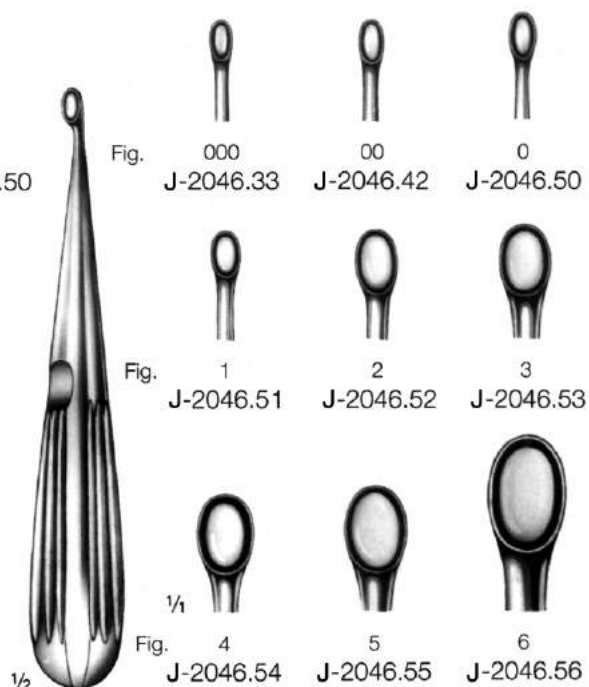
Schede
 17 cm/6 3/4"



Volkmann
 17 cm/6 3/4"



Bruns
 17 cm/6 3/4"



Spratt
 16 cm/6 1/4"



1/2
Epstein
 20 cm / 8"

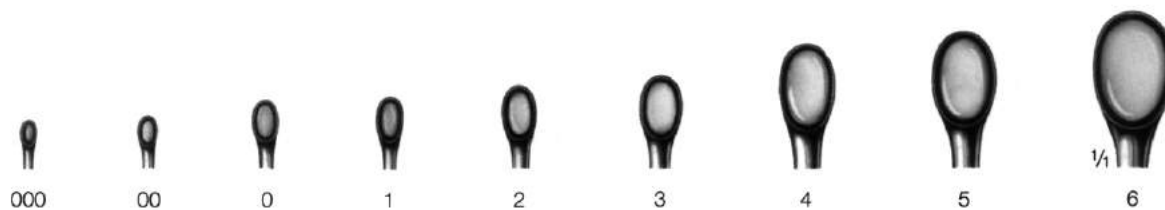


1/2
Hibbs-Spratt
 (Spinal-Fusion)
 20 cm / 8"



1/2
Hibbs-Spratt
 (Spinal-Fusion)
 20 cm / 8"

J-2060.33	Fig. 000	J-2070.33	Fig. 000	J-2081.33	Fig. 000
J-2060.42	Fig. 00	J-2070.42	Fig. 00	J-2081.42	Fig. 00
J-2060.50	Fig. 0	J-2070.50	Fig. 0	J-2081.50	Fig. 0
		J-2070.51	Fig. 1	J-2081.51	Fig. 1
		J-2070.52	Fig. 2	J-2081.52	Fig. 2
		J-2070.53	Fig. 3	J-2081.53	Fig. 3
		J-2070.54	Fig. 4	J-2081.54	Fig. 4
		J-2070.55	Fig. 5	J-2081.55	Fig. 5
		J-2070.56	Fig. 6	J-2081.56	Fig. 6



Bruns
23 cm/9"

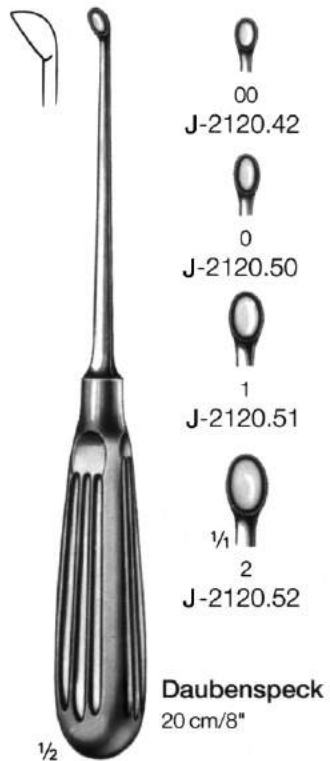
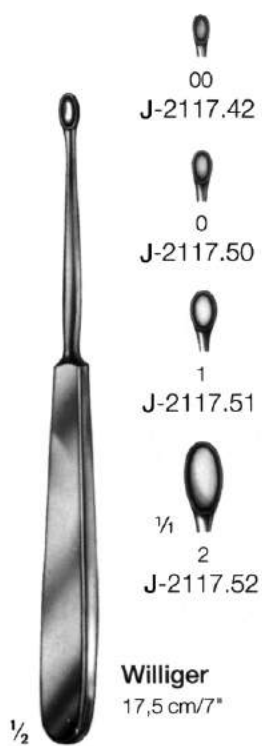


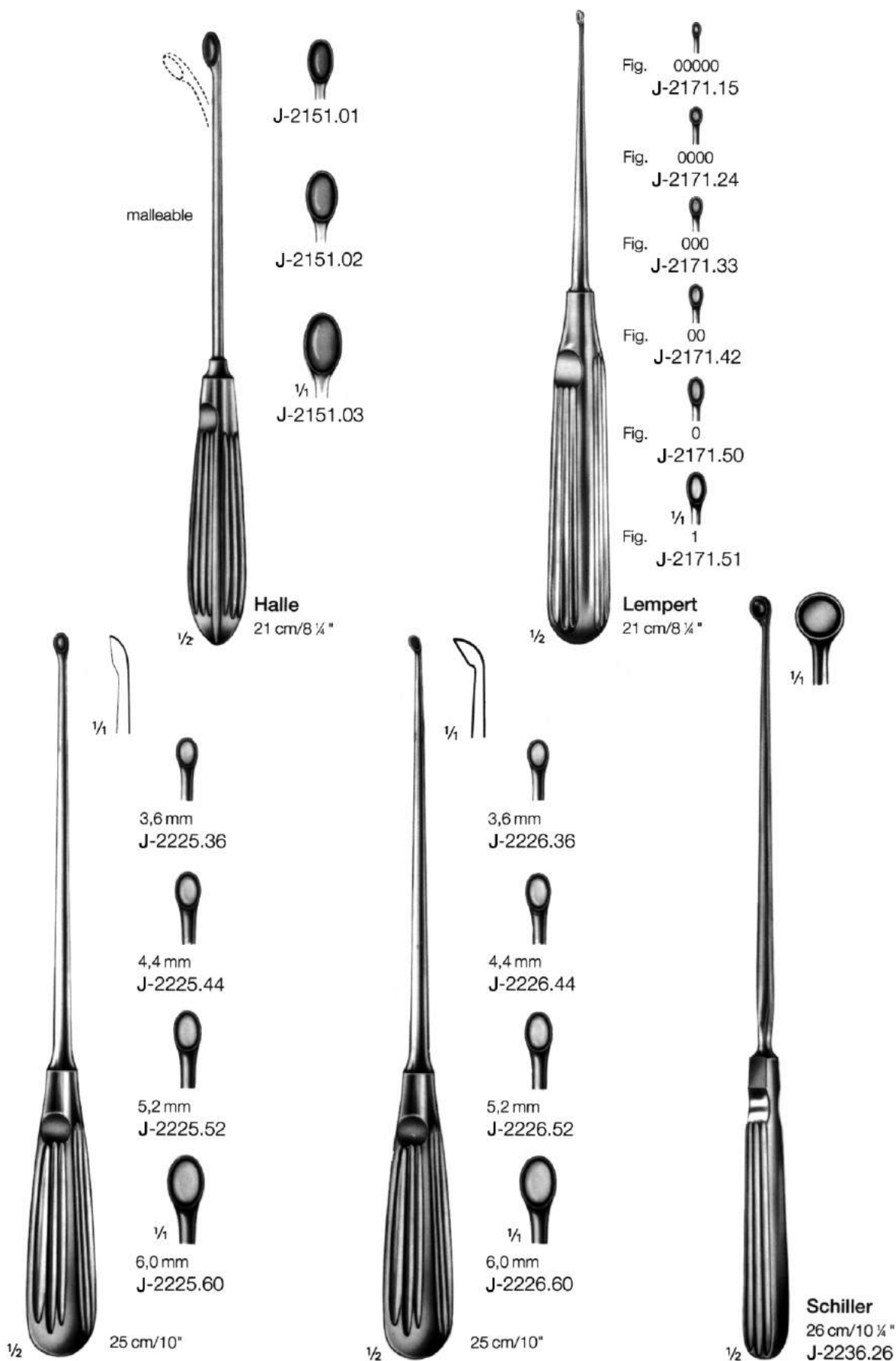
Bruns
23 cm/9"



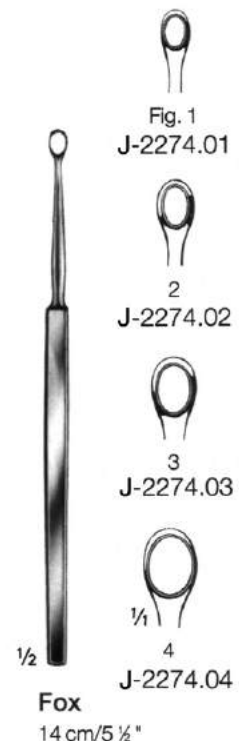
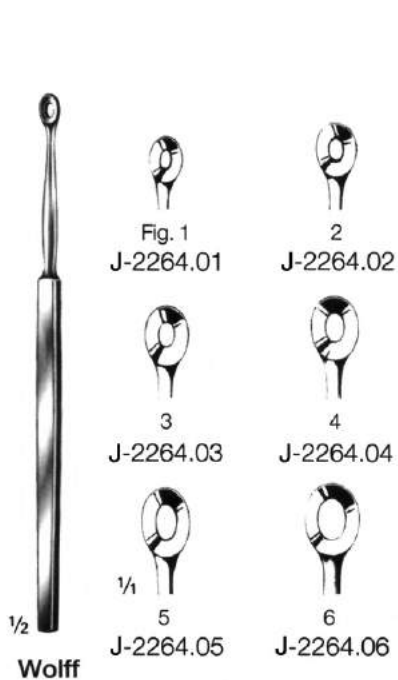
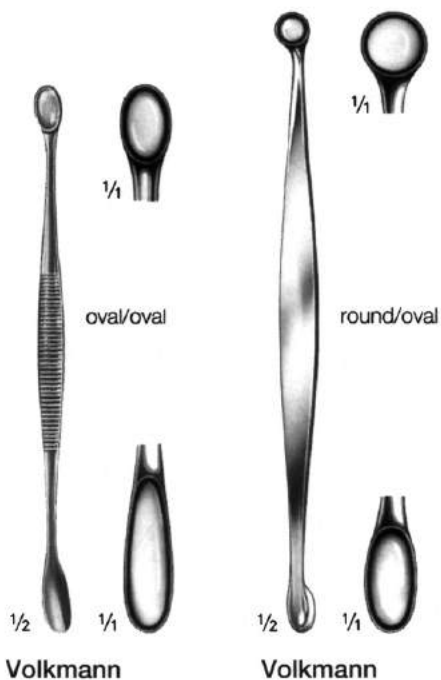
Bruns
23 cm/9"

J-2092.33	Fig. 000	J-2093.33	Fig. 000	J-2096.33	Fig. 000
J-2092.42	Fig. 00	J-2093.42	Fig. 00	J-2096.42	Fig. 00
J-2092.50	Fig. 0	J-2093.50	Fig. 0	J-2096.50	Fig. 0
J-2092.51	Fig. 1	J-2093.51	Fig. 1	J-2096.51	Fig. 1
J-2092.52	Fig. 2	J-2093.52	Fig. 2	J-2096.52	Fig. 2
J-2092.53	Fig. 3	J-2093.53	Fig. 3	J-2096.53	Fig. 3
J-2092.54	Fig. 4	J-2093.54	Fig. 4	J-2096.54	Fig. 4
J-2092.55	Fig. 5	J-2093.55	Fig. 5	J-2096.55	Fig. 5
J-2092.56	Fig. 6	J-2093.56	Fig. 6	J-2096.56	Fig. 6

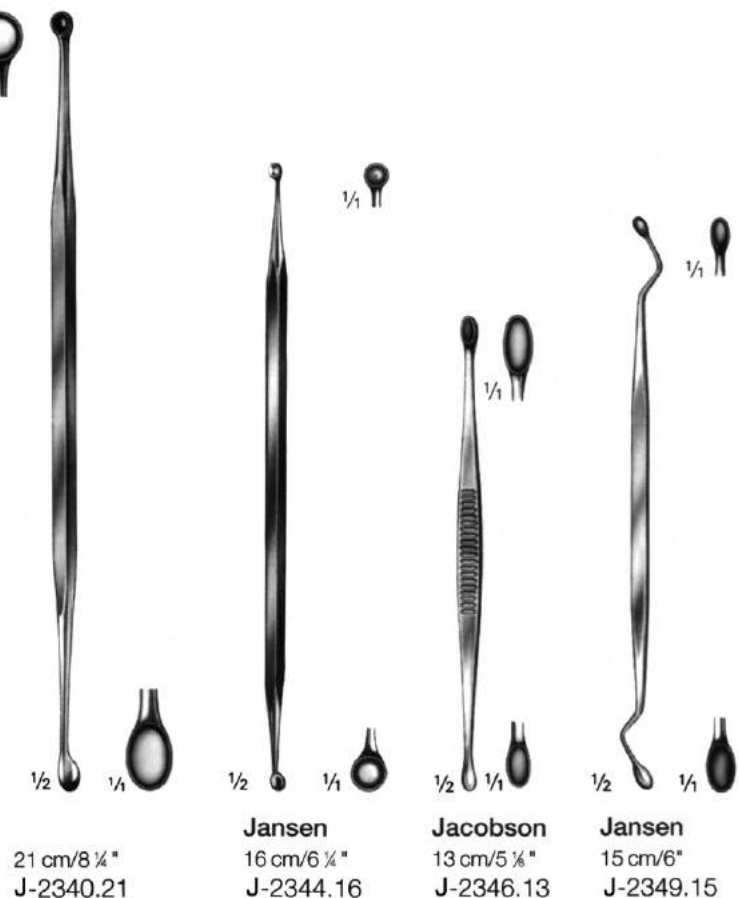
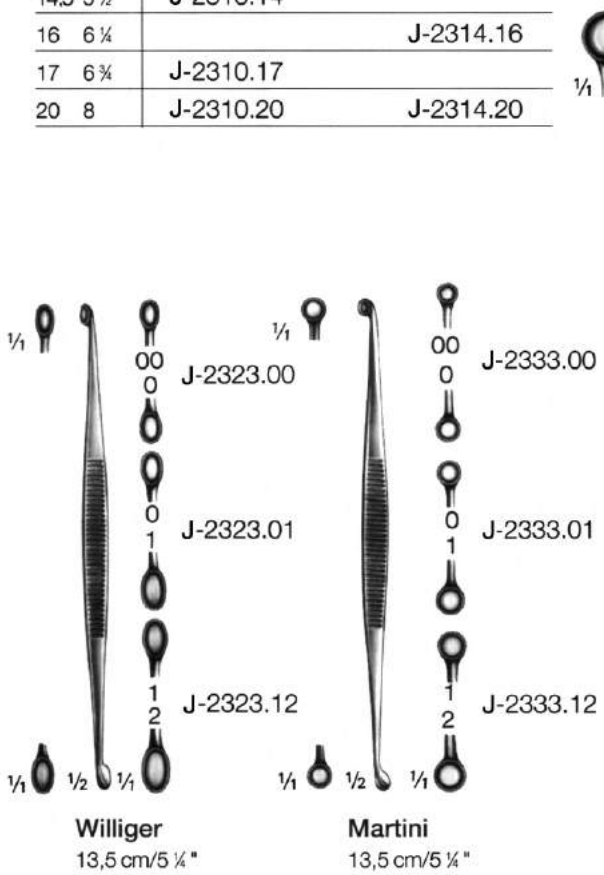


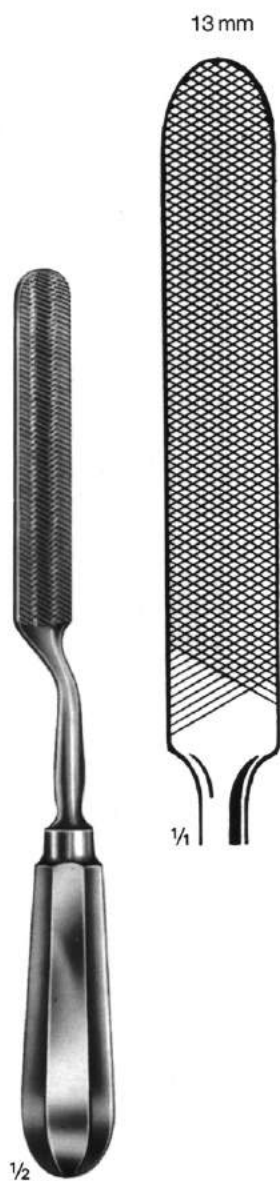


Lupus Curettes



cm	inch		
13	5	J-2310.13	J-2314.13
14.5	5 1/2	J-2310.14	
16	6 1/4		J-2314.16
17	6 3/4	J-2310.17	
20	8	J-2310.20	J-2314.20





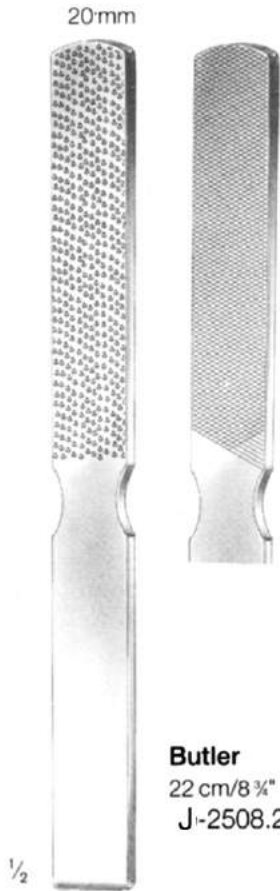
24 cm/9 1/2"
 J-2513.24



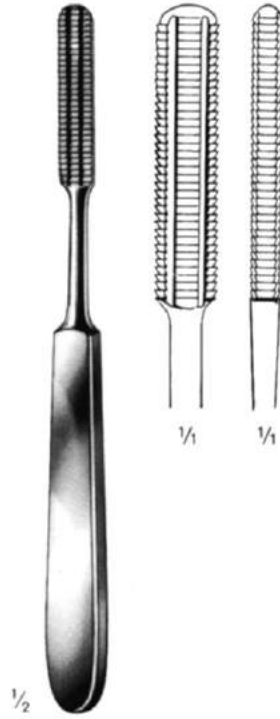
Putti
 30 cm/12"
 J-2517.30



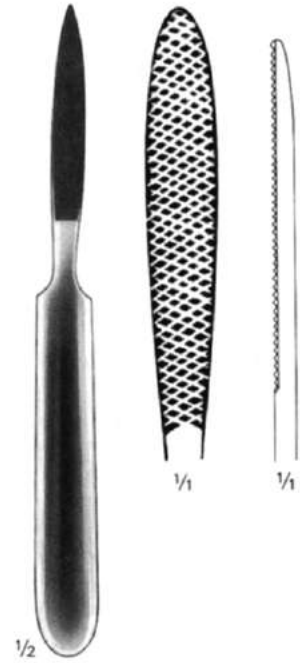
Putti
 27 cm/10 1/2"
 J-2521.27



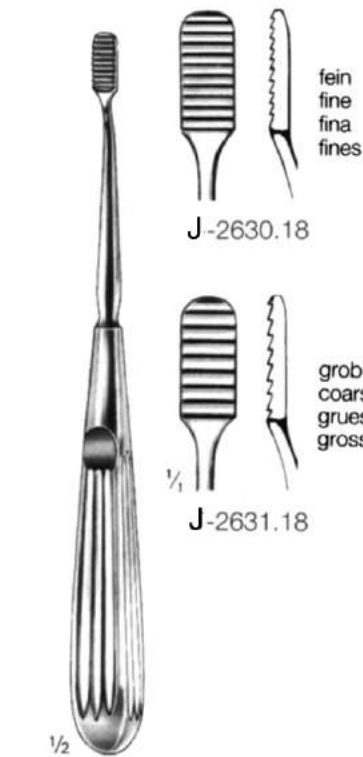
Butler
 22 cm/8 3/4"
 J-2508.22



Maltz
 18 cm/7"
 J-2602.18



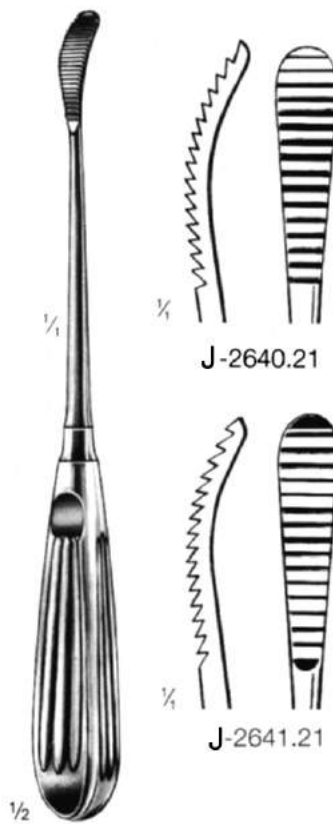
Joseph
 16 cm/6 1/4"
 J-2616.01



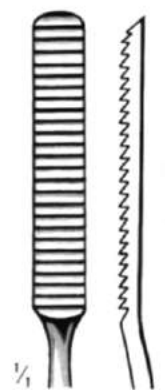
J-2630.18



J-2631.18

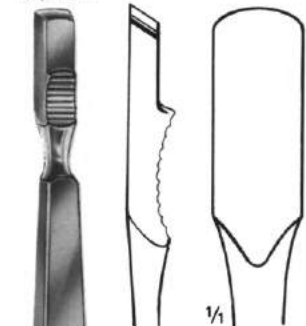


Aufricht
 21 cm/8 1/4"



Cottle
 21 cm/8 1/4"
 J-2646.21

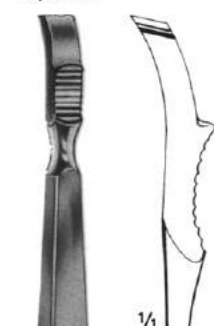
12,5 mm



1/2

Farabeuf
15 cm/6"
J-3010.15

12,5 mm



1/2

Farabeuf
15 cm/6"
J-3011.15

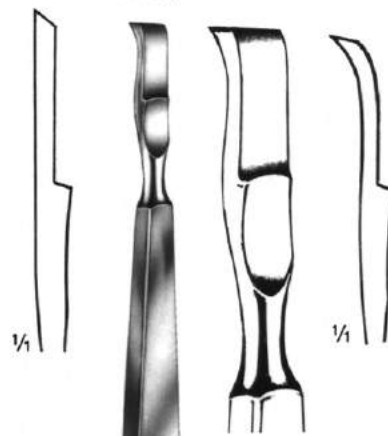
11 mm



1/2

Farabeuf-Collin
15,5 cm/6 1/8"
J-3012.15

11 mm



1/2

Farabeuf-Collin
15,5 cm/6 1/8"
J-3013.15

14 mm



1/2

Langenbeck
18 cm/7"
J-3021.18

16 mm



1/2

Langenbeck
19 cm/7 1/2"
J-3022.19

15 mm



1/2

Cushing
19 cm/7 1/2"
J-3025.19

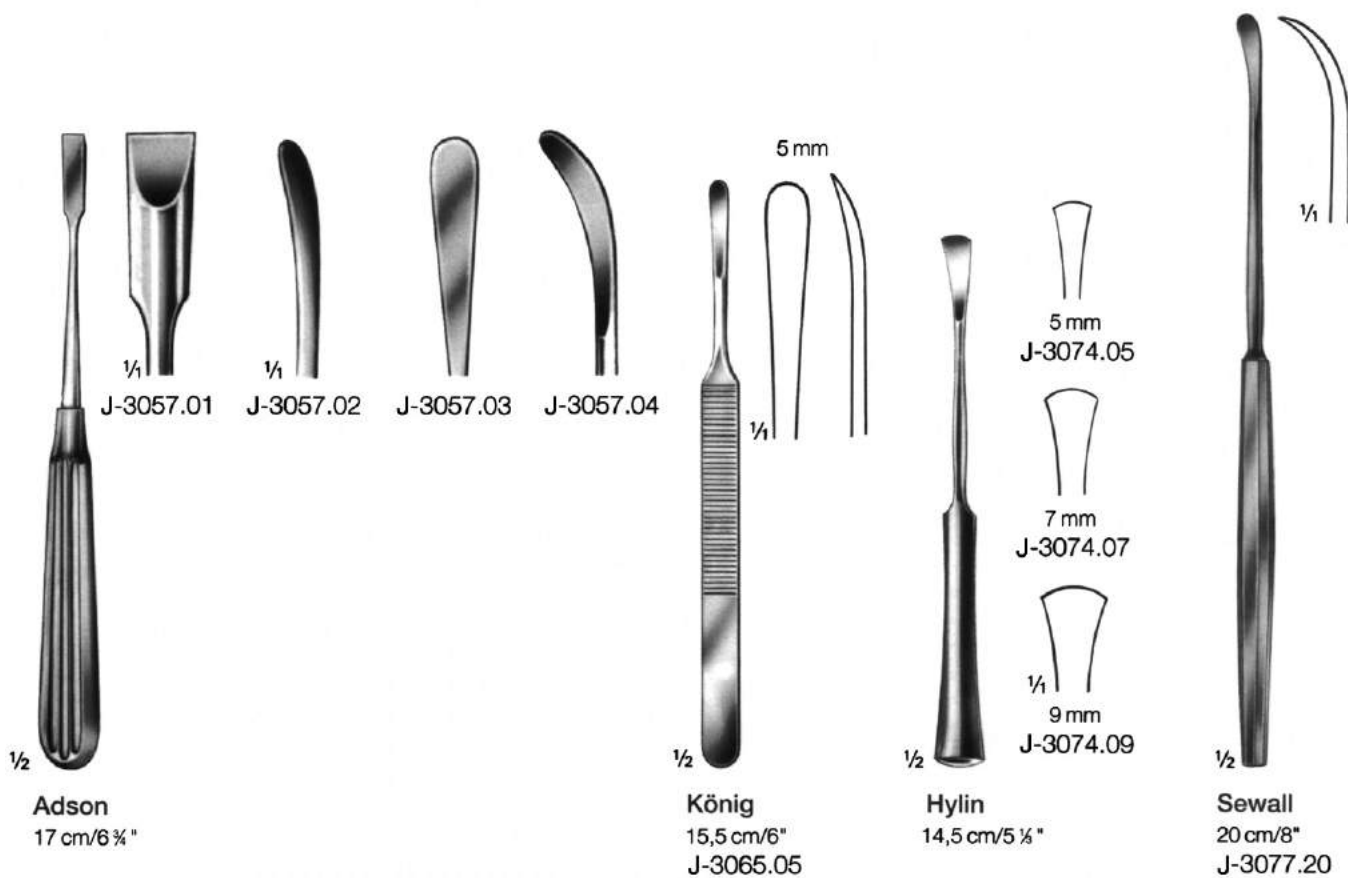
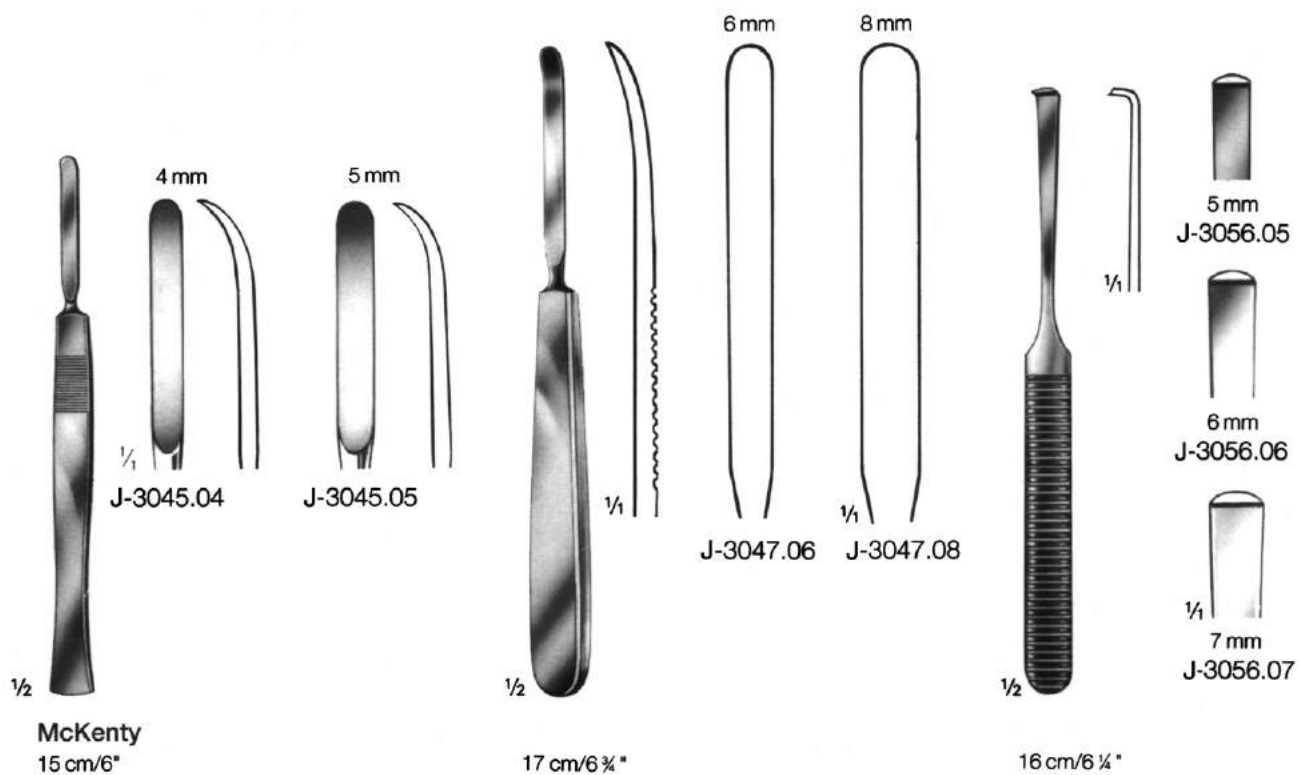
1/4

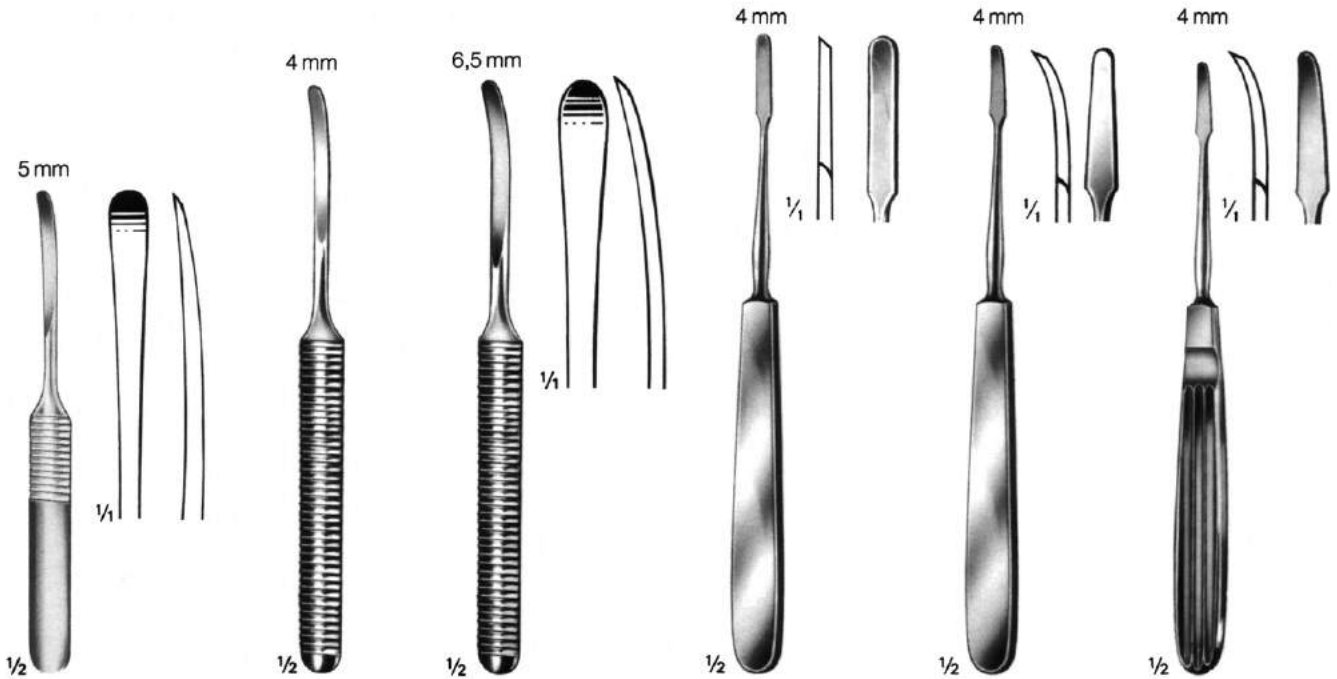


1/2

Lambotte
21 cm/8 1/4"

J-3031.05	5 mm
J-3031.10	10 mm
J-3031.15	15 mm
J-3031.20	20 mm
J-3031.25	25 mm





Williger
13 cm/5"
J-3113.05

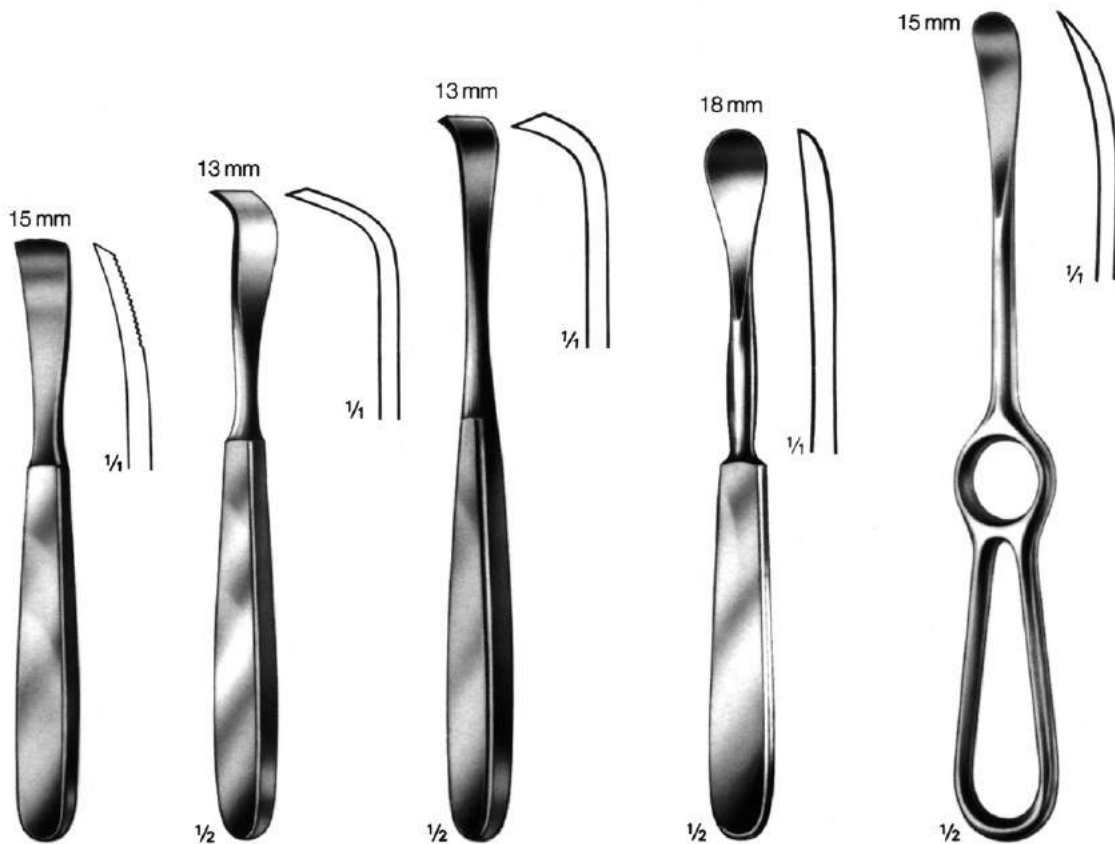
Williger
16 cm/6 1/4"
J-3116.40

Williger
16 cm/6 1/4"
J-3116.65

Fomon
17 cm/6 3/4"
J-3127.04

Joseph
16 cm/6 1/4"
J-3136.04

Joseph
16 cm/6 1/4"
J-3137.04



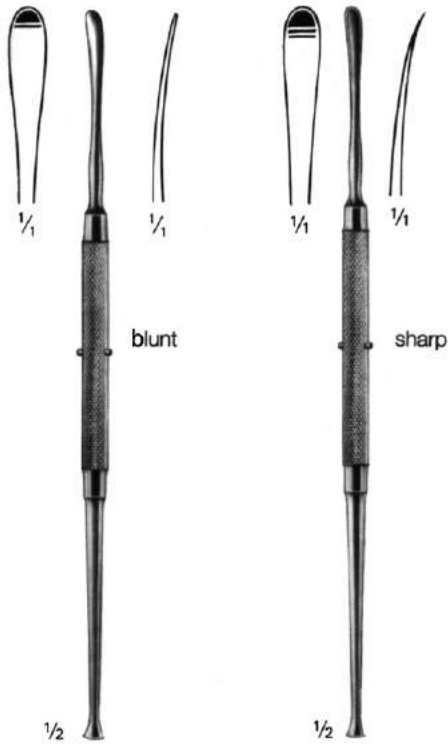
Jansen
16,5 cm/6 1/2"
J-3146.15

Schneider
17,5 cm/7"
J-3157.13

Schneider-Sauerbruch
19 cm/7 1/2"
J-3159.13

Sedillot
18 cm/7"
J-3168.18

Sedillot
21 cm/8 1/4"
J-3171.15



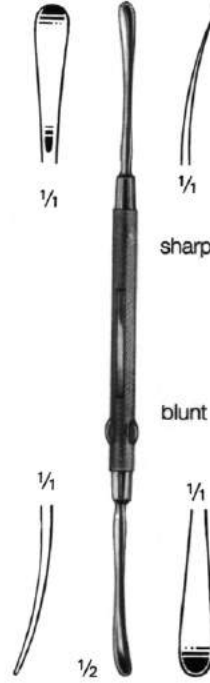
Freer
 19 cm/7 1/2"
 J-3179.01



Freer
 19 cm/7 1/2"
 J-3179.02



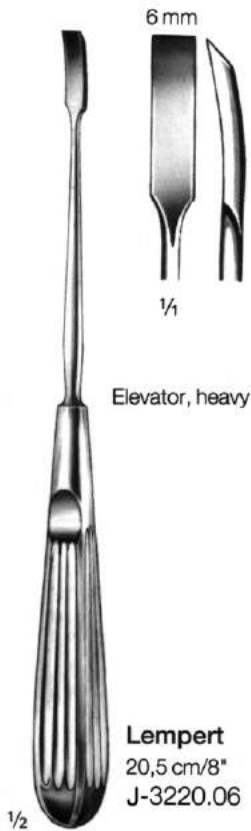
Freer
 17 cm/6 3/4"
 J-3179.17



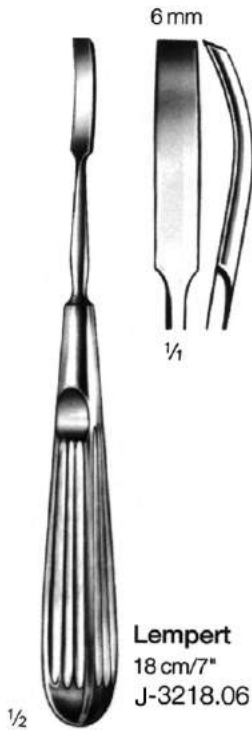
Freer
 18 cm/7"
 J-3180.18



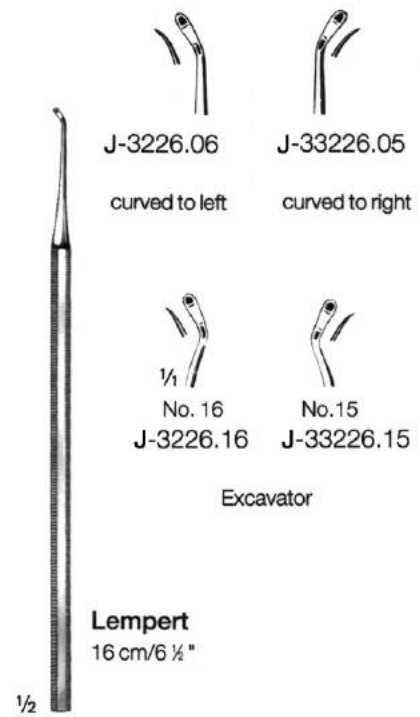
Freer
 20 cm/8"
 J-3180.20



Lempert
 20,5 cm/8"
 J-3220.06



Lempert
 18 cm/7"
 J-3218.06



J-3226.06
 curved to left

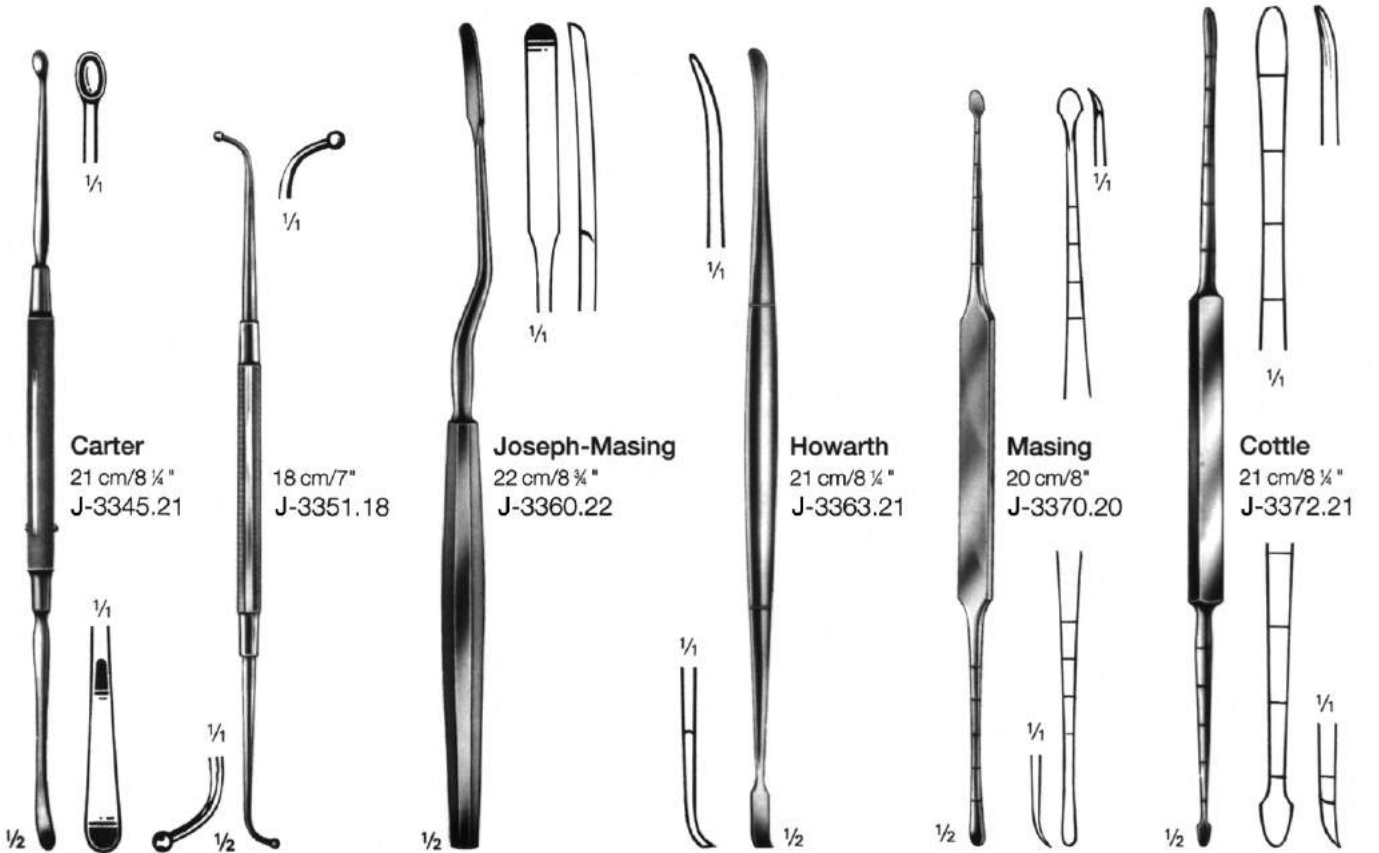
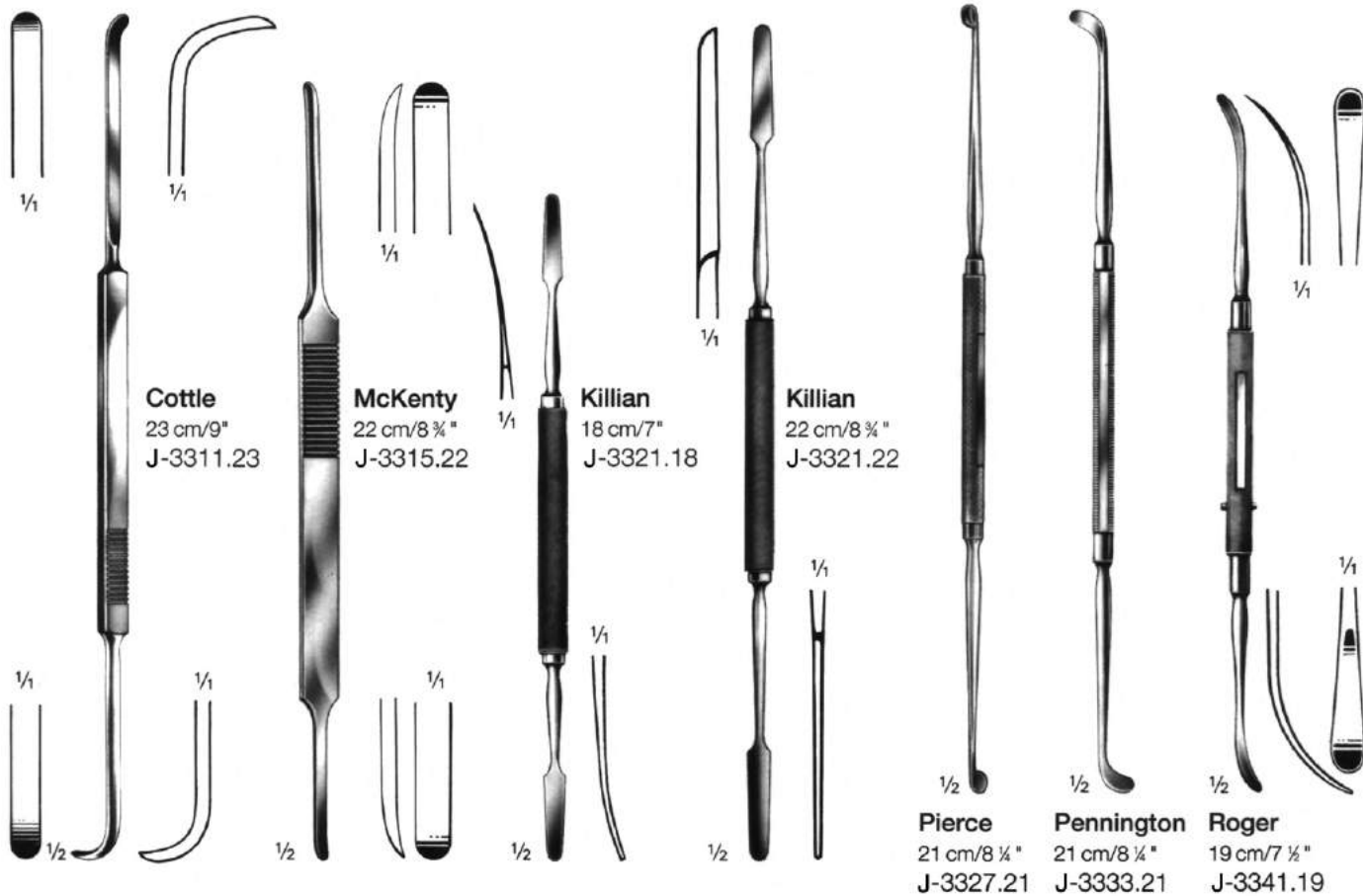
J-33226.05
 curved to right

No. 16
 J-3226.16

No. 15
 J-33226.15

Excavator

Lempert
 16 cm/6 1/2"

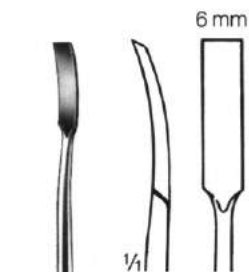




1/2
 19 cm/7 1/2"
 J-3419.06



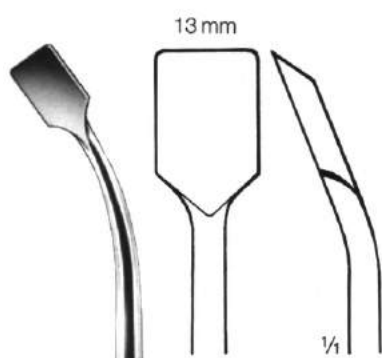
1/2
 18,5 cm/7 1/4"
 J-3428.03



1/2
 18,5 cm/7 1/4"
 J-3438.06



1/2
 18,5 cm/7 1/4"
 J-3448.06



1/2
 18,5 cm/7 1/4"
 J-3458.13



1/2
 19,5 cm/7 3/4"
 J-3469.14

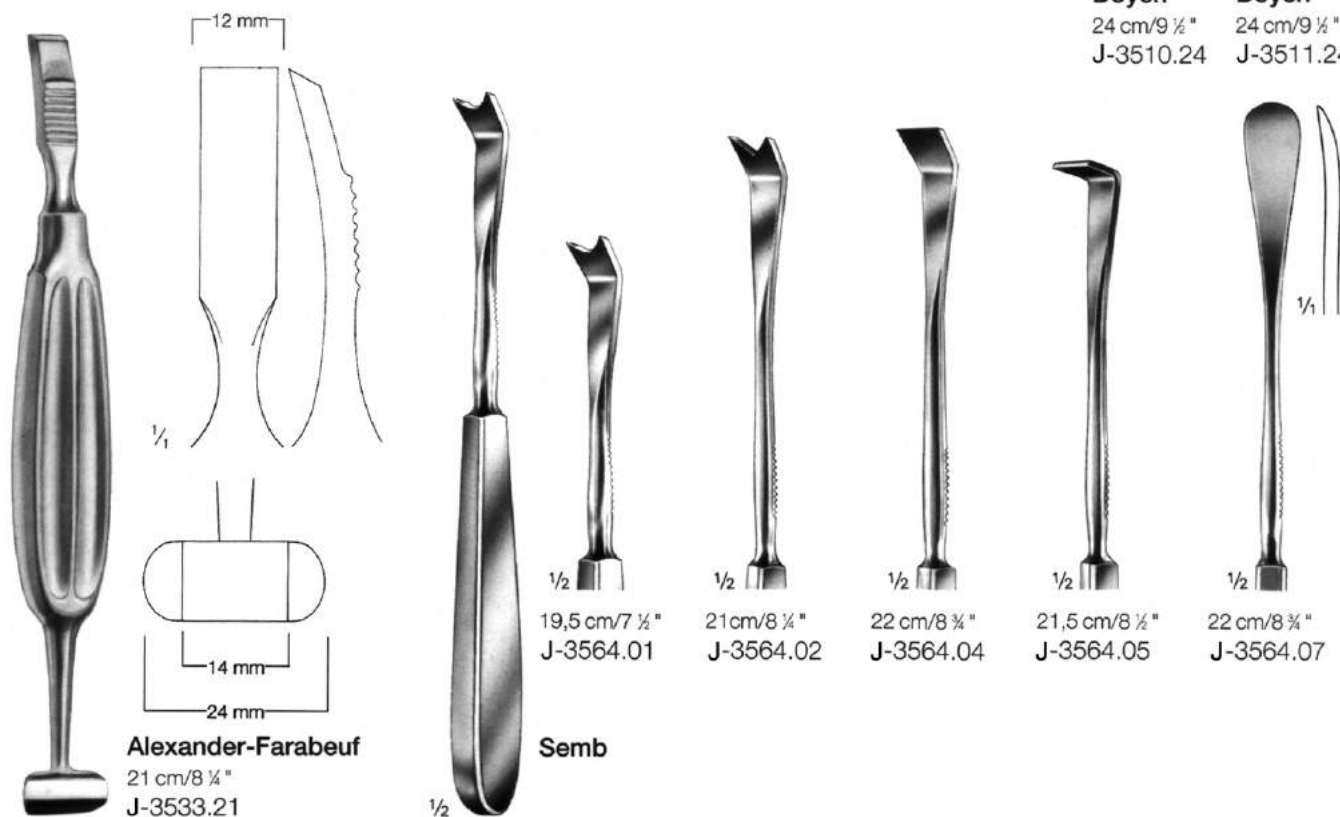
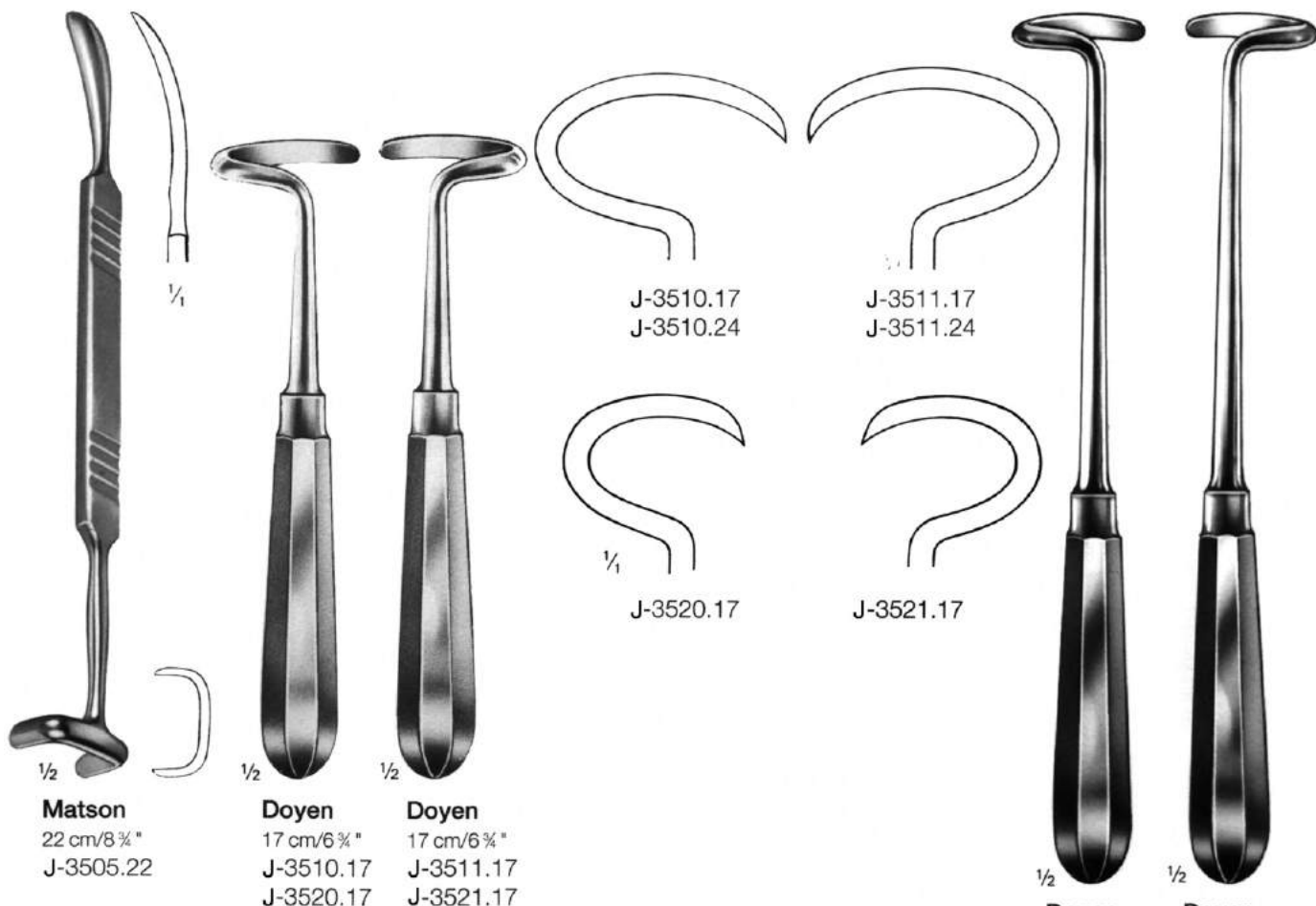


1/2
 18,5 cm/7 1/4"
 J-3478.14



1/2
 20 cm/8"
 J-3490.20

Raspatories with ferrozell-handle
Raspatoires avec manche Ferrozell
Periostótomos con mangos de Ferrozell (madera artificial)





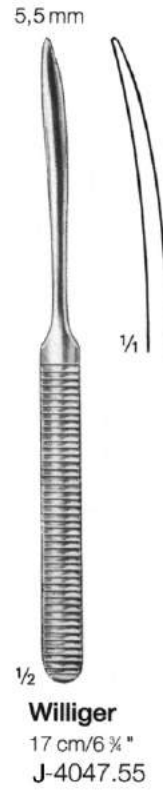
Langenbeck
23 cm/9"
J-4023.11



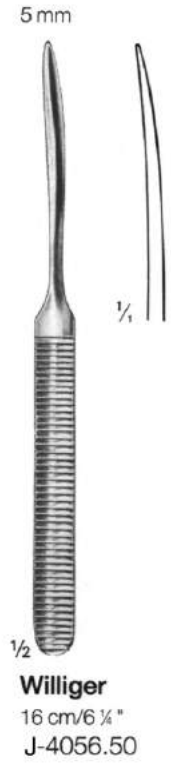
Yankauer
18 cm/7"
J-4027.18



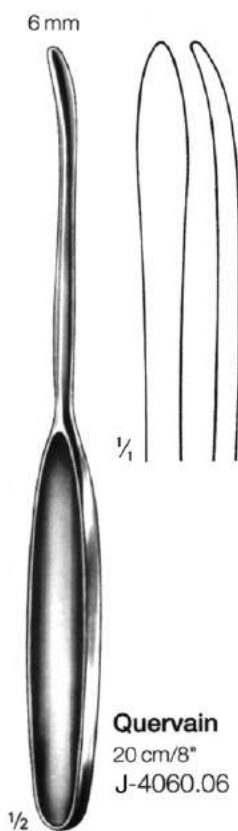
Mass. Gen. Hosp.
15 cm/6"
J-4033.15



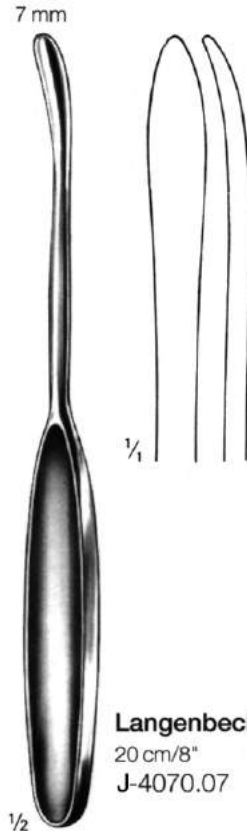
Williger
17 cm/6 3/4"
J-4047.55



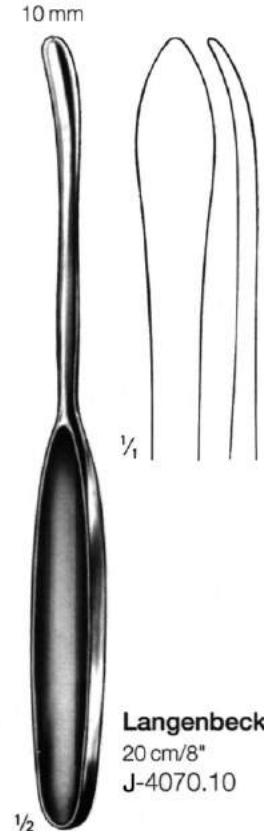
Williger
16 cm/6 1/4"
J-4056.50



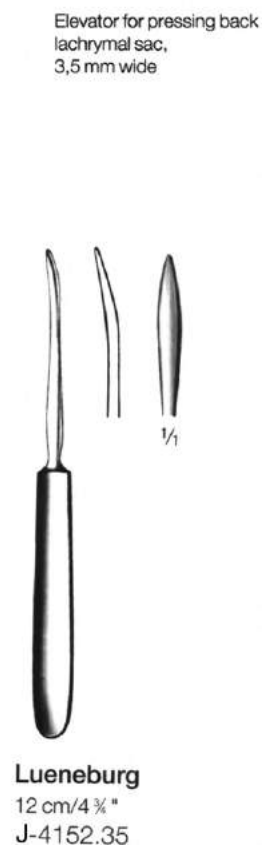
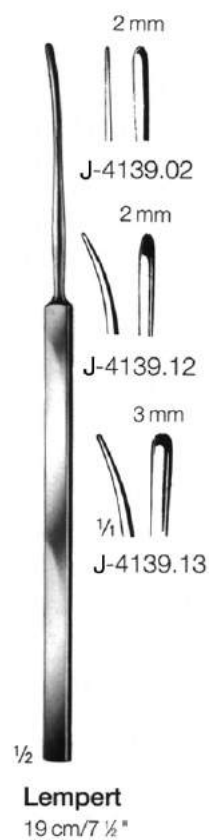
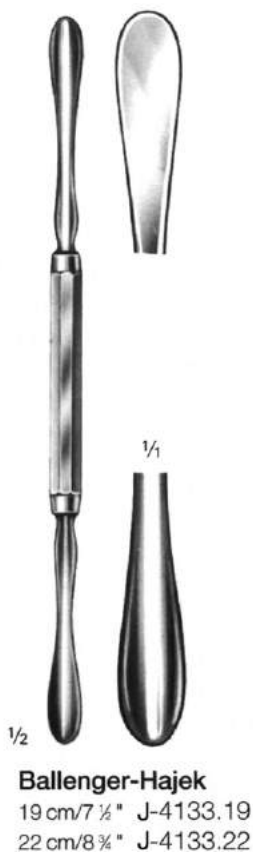
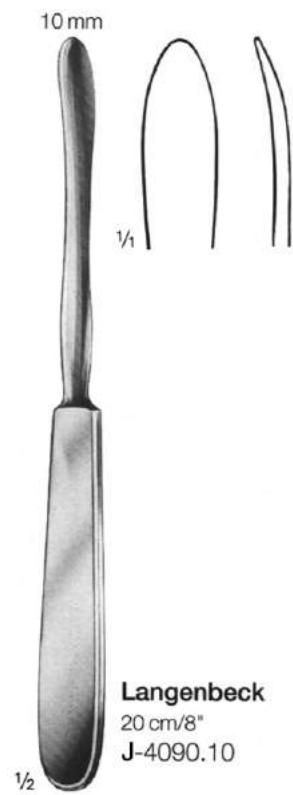
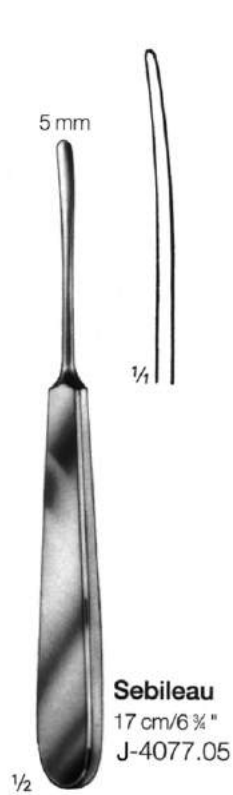
Quervain
20 cm/8"
J-4060.06



Langenbeck
20 cm/8"
J-4070.07



Langenbeck
20 cm/8"
J-4070.10





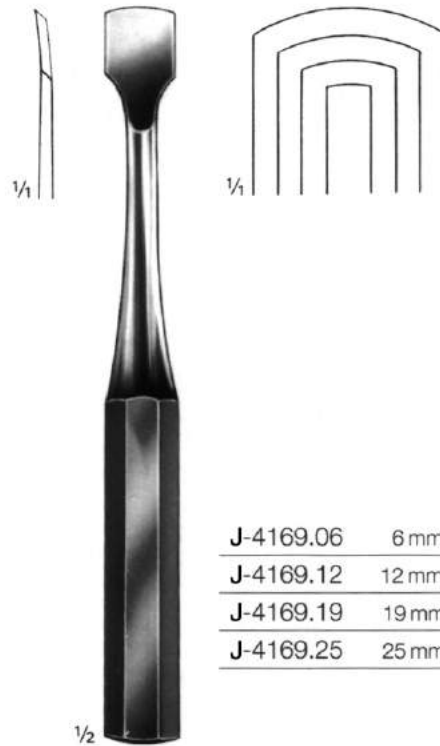
17,5 cm/6 3/4"
 J-4116.17



16 cm/6 1/4"
 J-4162.16

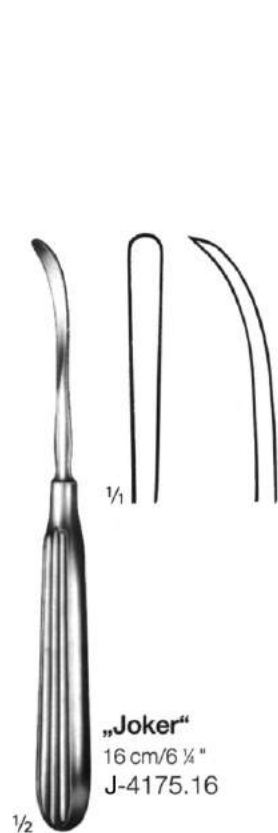


Halle
 16 cm/6 1/4"
 J-4164.16



J-4169.06	6 mm
J-4169.12	12 mm
J-4169.19	19 mm
J-4169.25	25 mm

Key
 19 cm/7 1/2"



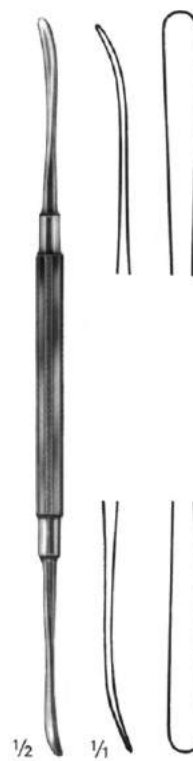
„Joker“
 16 cm/6 1/4"
 J-4175.16



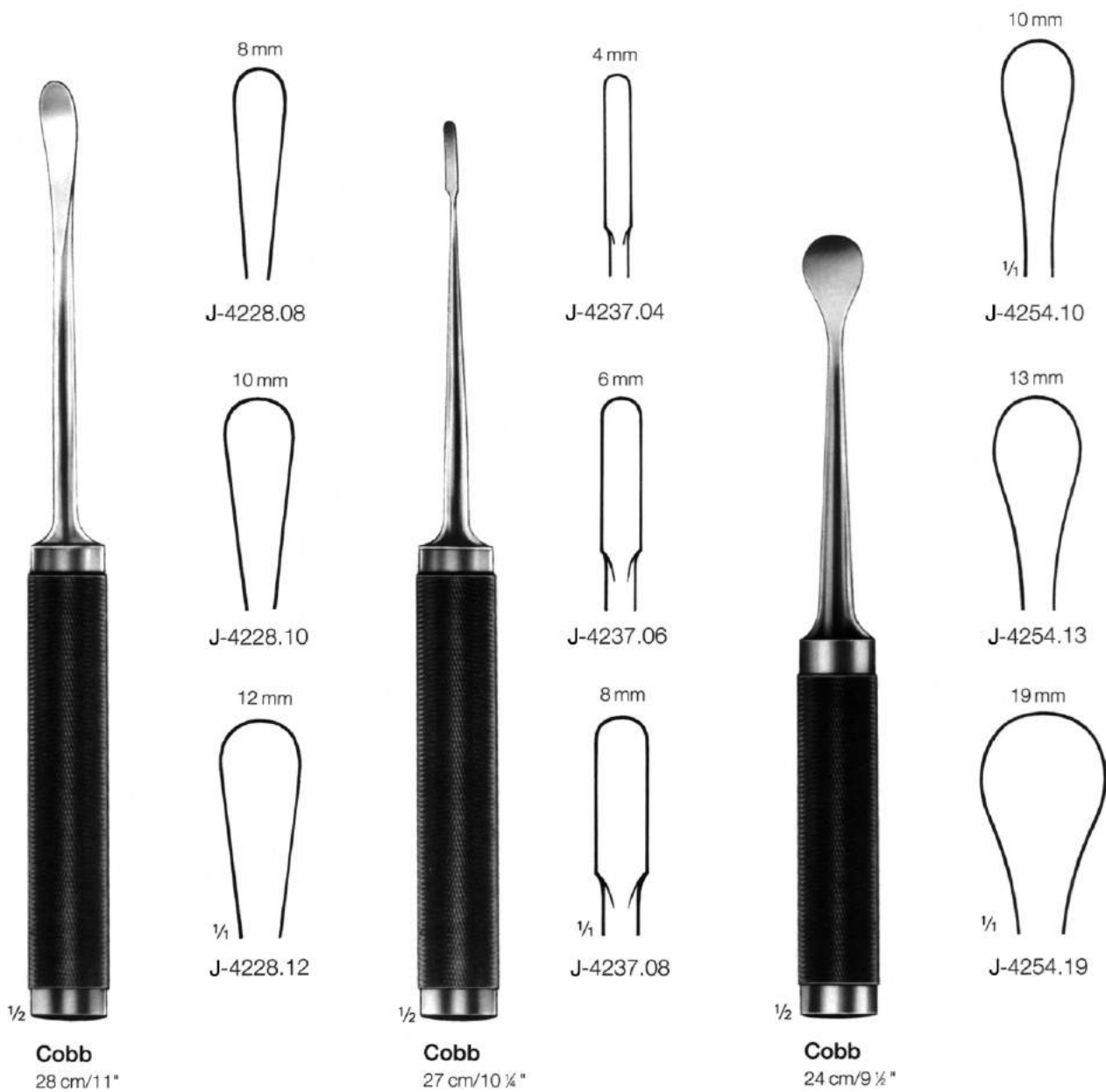
Alderdyce
 21 cm/8 1/4"
 J-4181.21



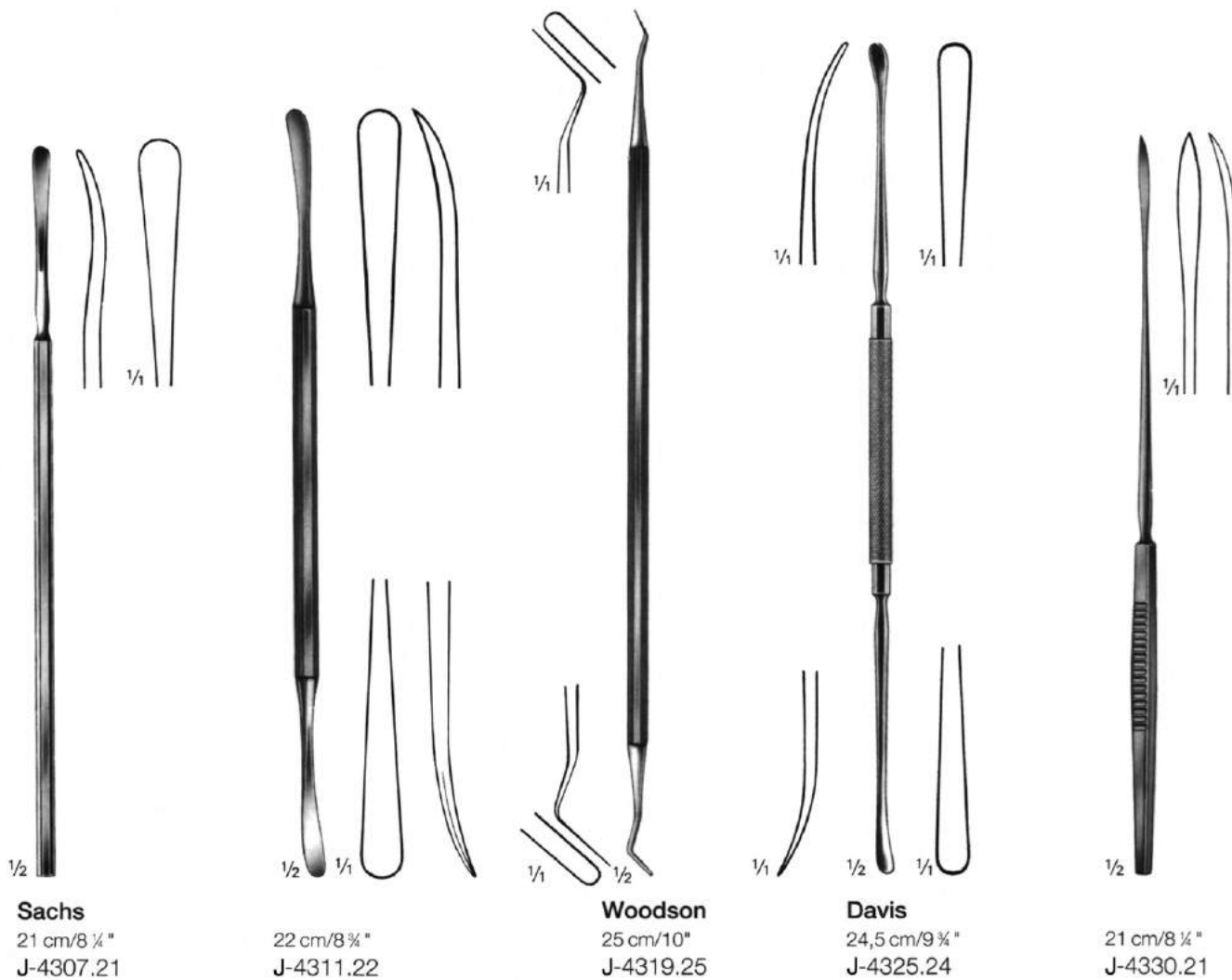
McDonald
 19 cm/7 1/2"
 J-4183.19

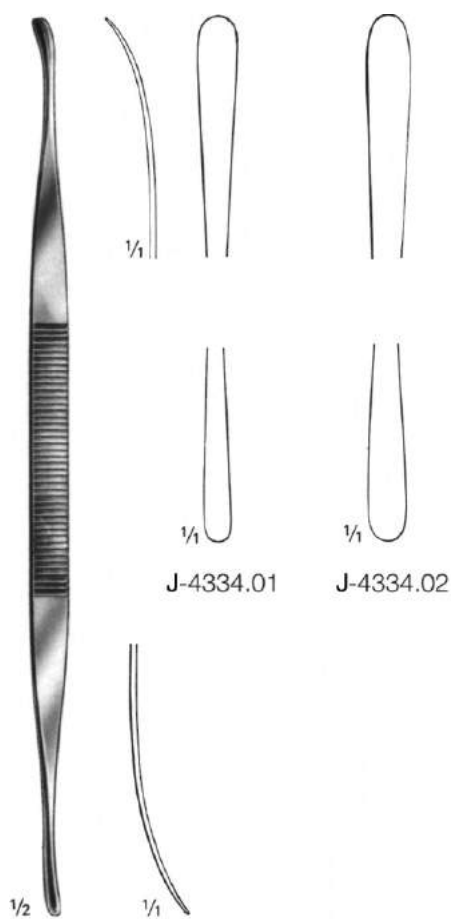


Freer
 18,5 cm/7 1/4"
 J-4185.18



Dissectors, dura separators
Dissecteurs, séparateurs pour dure-mère
Disecadores, descoladores de dura-madre





Tönnis
 24 cm/9 1/2"

J-4334.01

J-4334.02



Fager
 20 cm/8"
 J-4340.01



Fager
 20 cm/8"
 J-4340.02



Sachs
 21 cm/8 1/4"
 J-4350.21



Milligan
 21 cm/8 1/4"
 J-4355.21



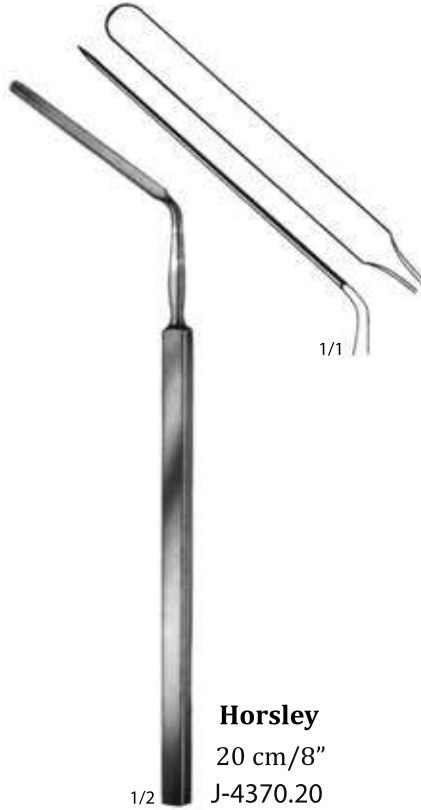
Frazier
15 cm/6"
J-4365.01



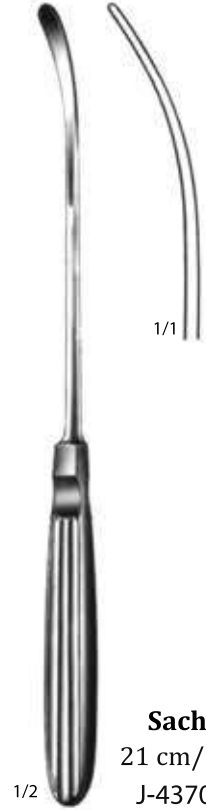
Hoehn
15 cm/6"
J-4365.45



Hoehn
15 cm/6"
J-4365.90



Horsley
20 cm/8"
J-4370.20



Sachs
21 cm/8.25"
J-4370.21

Zygoma bone hook



Gillies
18 cm/7"
J-4510.18

Zygoma elevator



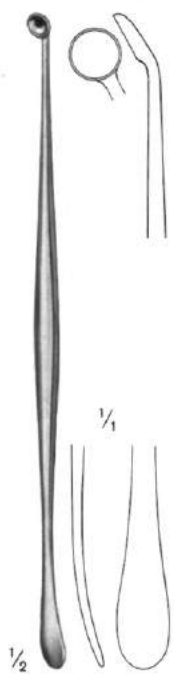
Dingman
21 cm/8.25"
J-4513.21



Gillies
21 cm/8.25"
J-4525.21



Gillies
21 cm/8.25"
J-4527.21



Penfield
 Fig. 1
 17,5 cm/7"
 J-4388.01



Penfield
 Fig. 2
 19,5 cm/7 3/4"
 J-4388.02



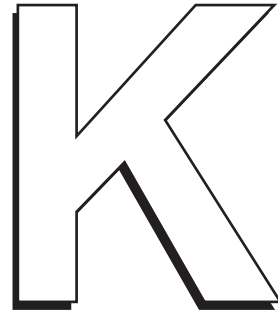
Penfield
 Fig. 3
 19,5 cm/7 3/4"
 J-4388.03



Penfield
 Fig. 4
 20,5 cm/8"
 J-4388.04



Penfield
 Fig. 5
 29 cm/11 1/2"
 J-4388.05

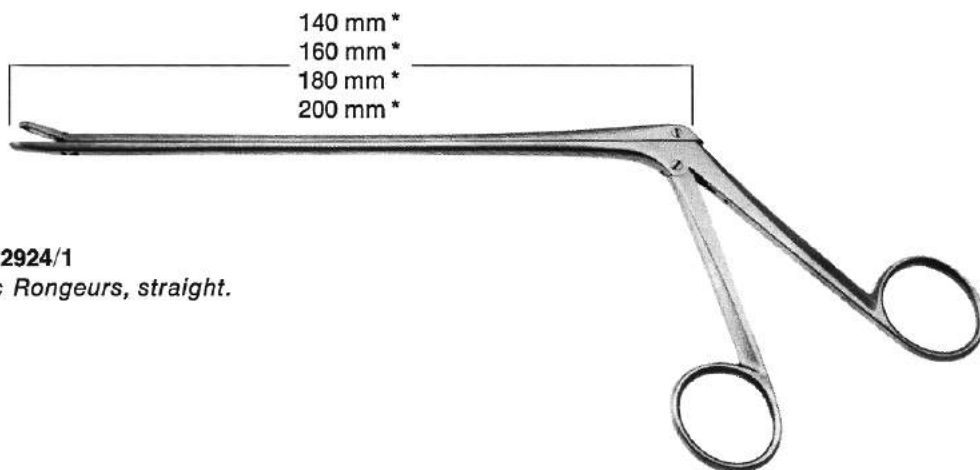


- Rongeurs
- Pincés-gouges
- Pinzas gubias

Laminectomy rongeurs















Pinces emporte-pièces à laminectomie

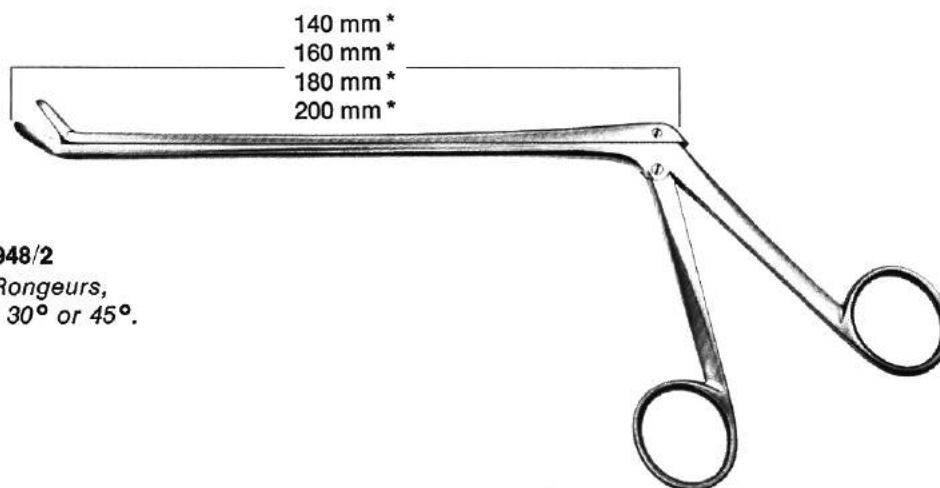
Pinzas cortantes para laminectomía

















k-2770/1 To k-2924/1
Intervertebral Disc Rongeurs, straight.

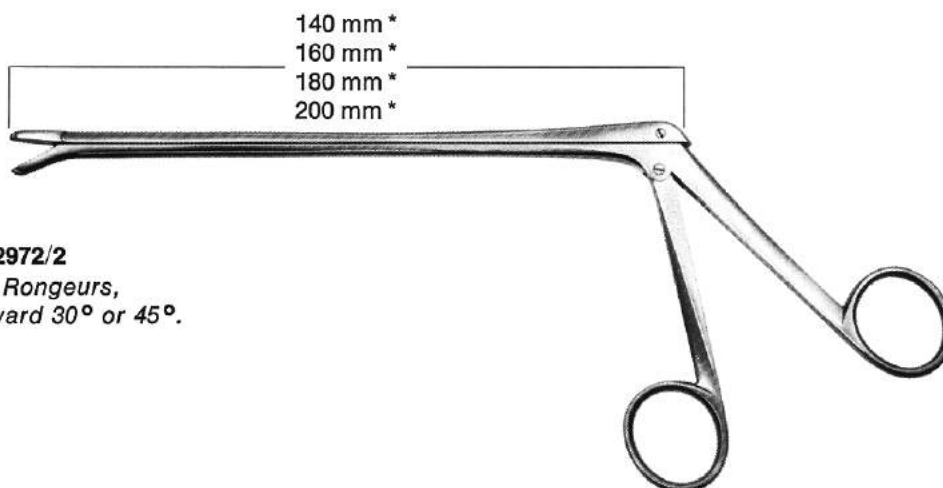


<i>width of jaw</i>	140 mm *	160 mm *	180 mm *	200 mm *
 1,5 mm			k-2829/1	k-2901/1
 2,0 mm			k-2830/1	k-2902/1
 2,5 mm	k-2770/1	k-2800/1	k-2831/1	k-2903/1
 3,0 mm	k-2772/1	k-2802/1	k-2832/1	k-2904/1
 3,5 mm	k-2774/1	k-2804/1	k-2834/1	k-2906/1
 4,0 mm	k-2776/1	k-2806/1	k-2836/1	k-2908/1
 4,5 mm	k-2778/1	k-2808/1	k-2838/1	k-2910/1
 5,0 mm			k-2840/1	k-2912/1
 5,5 mm			k-2842/1	k-2914/1
 6,0 mm			k-2844/1	k-2916/1
 6,5 mm			k-2846/1	k-2918/1
 7,0 mm			k-2848/1	k-2920/1
 7,5 mm			k-2850/1	k-2922/1
 8,0 mm			k-2852/1	k-2924/1



K-2780/1 To K-2948/2
Intervertebral Disc Rongeurs,
jaws angled upward 30° or 45°.

Maulbreiten width of jaw	↘ 30°				↘ 45°			
	140 mm *	160 mm *	180 mm *	200 mm *	140 mm *	160 mm *	180 mm *	200 mm *
 1,5 mm			K-2853/1	K-2925/1			K-2853/2	K-2925/2
 2,0 mm			K-2854/1	K-2926/1			K-2854/2	K-2926/2
 2,5 mm	K-2780/1	K-2810/1	K-2855/1	K-2927/1	K-2780/2	K-2810/2	K-2855/2	K-2927/2
 3,0 mm	K-2782/1	K-2812/1	K-2856/1	K-2928/1	K-2782/2	K-2812/2	K-2856/2	K-2928/2
 3,5 mm	K-2784/1	K-2814/1	K-2858/1	K-2930/1	K-2784/2	K-2814/2	K-2858/2	K-2930/2
 4,0 mm	K-2786/1	K-2816/1	K-2860/1	K-2932/1	K-2786/2	K-2816/2	K-2860/2	K-2932/2
 4,5 mm	K-2788/1	K-2818/1	K-2862/1	K-2934/1	K-2788/2	K-2818/2	K-2862/2	K-2934/2
 5,0 mm			K-2864/1	K-2936/1			K-2864/2	K-2936/2
 5,5 mm			K-2866/1	K-2938/1			K-2866/2	K-2938/2
 6,0 mm			K-2868/1	K-2940/1			K-2868/2	K-2940/2
 6,5 mm			K-2870/1	K-2942/1			K-2870/2	K-2942/2
 7,0 mm			K-2872/1	K-2944/1			K-2872/2	K-2944/2
 7,5 mm			K-2874/1	K-2946/1			K-2874/2	K-2946/2
 8,0 mm			K-2876/1	K-2948/1			K-2876/2	K-2948/2



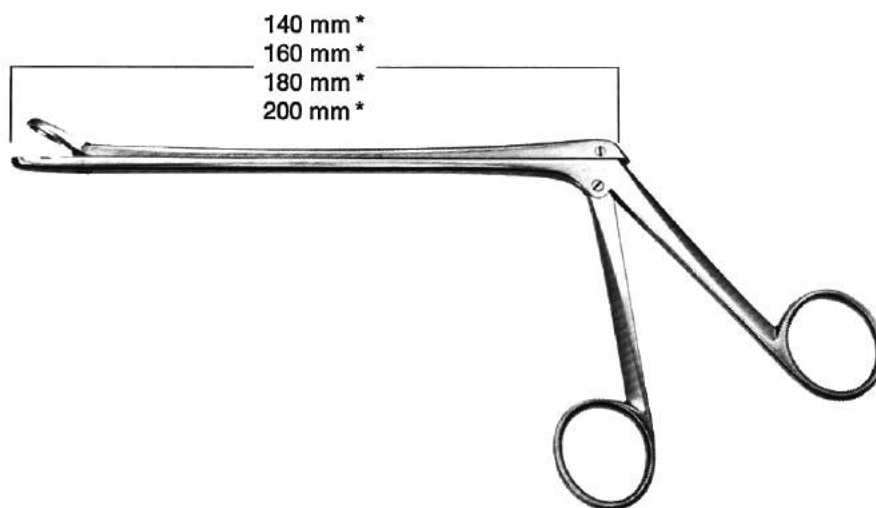
K-2790/1 To K-2972/2
Intervertebral Disc Rongeurs,
jaws angled downward 30° or 45°.









Maulbreiten width of jaw	30°				45°			
	140 mm *	160 mm *	180 mm *	200 mm *	140 mm *	160 mm *	180 mm *	200 mm *
1,5 mm			K-2877/1	K-2949/1			K-2877/2	K-2949/2
2,0 mm			K-2878/1	K-2950/1			K-2878/2	K-2950/2
2,5 mm	K-2790/1	K-2820/1	K-2879/1	K-2951/1	K-2790/2	K-2820/2	K-2879/2	K-2951/2
3,0 mm	K-2792/1	K-2822/1	K-2880/1	K-2952/1	K-2792/2	K-2822/2	K-2880/2	K-2952/2
3,5 mm	K-2794/1	K-2824/1	K-2882/1	K-2954/1	K-2794/2	K-2824/2	K-2882/2	K-2954/2
4,0 mm	K-2796/1	K-2826/1	K-2884/1	K-2956/1	K-2796/2	K-2826/2	K-2884/2	K-2956/2
4,5 mm	K-2798/1	K-2828/1	K-2886/1	K-2958/1	K-2798/2	K-2828/2	K-2886/2	K-2958/2
5,0 mm			K-2888/1	K-2960/1			K-2888/2	K-2960/2
5,5 mm			K-2890/1	K-2962/1			K-2890/2	K-2962/2
6,0 mm			K-2892/1	K-2964/1			K-2892/2	K-2964/2
6,5 mm			K-2894/1	K-2966/1			K-2894/2	K-2966/2
7,0 mm			K-2896/1	K-2968/1			K-2896/2	K-2968/2
7,5 mm			K-2898/1	K-2970/1			K-2898/2	K-2970/2
8,0 mm			K-2900/1	K-2972/1			K-2900/2	K-2972/2









K-2774/11 To K-2916/11

*Spurling Intervertebral Disc Rongeurs,
 straight.*











Maulbreiten width of jaw	140 mm *	160 mm *	180 mm *	200 mm *
 3,5 mm	K-2774/11	K-2804/11	K-2834/11	K-2906/11
 4,0 mm	K-2776/11	K-2806/11	K-2836/11	K-2908/11
 4,5 mm	K-2778/11	K-2808/11	K-2838/11	K-2910/11
 5,0 mm			K-2840/11	K-2912/11
 5,5 mm			K-2842/11	K-2914/11
 6,0 mm			K-2844/11	K-2916/11

K-2784/11 To K-2940/21
Spurling Intervertebral Disc Rongeurs,
angled upward 30° or 45°.

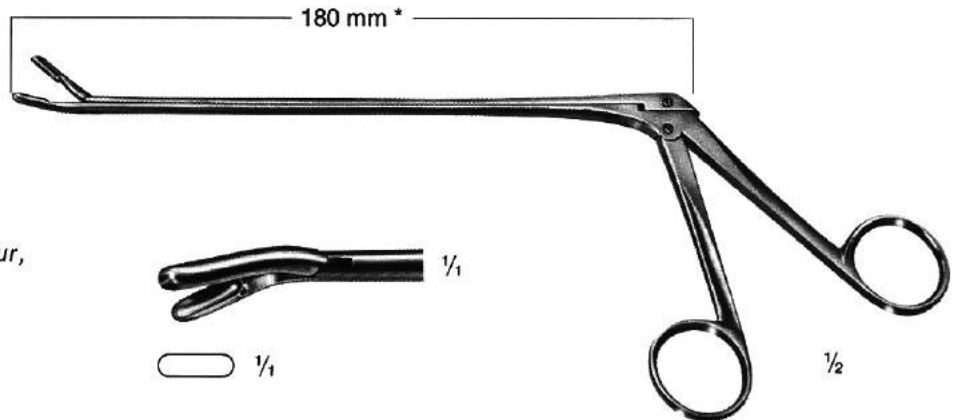
Maulbreiten width of jaw	 $\sphericalangle 30^\circ$				 $\sphericalangle 45^\circ$			
	140 mm *	160 mm *	180 mm *	200 mm *	140 mm *	160 mm *	180 mm *	200 mm *
 3,5 mm	K-2784/11	K-2814/11	K-2858/11	K-2930/11	K-2784/21	K-2814/21	K-2858/21	K-2930/21
 4,0 mm	K-2786/11	K-2816/11	K-2860/11	K-2932/11	K-2786/21	K-2816/21	K-2860/21	K-2932/21
 4,5 mm	K-2788/11	K-2818/11	K-2862/11	K-2934/11	K-2788/21	K-2818/21	K-2862/21	K-2934/21
 5,0 mm			K-2864/11	K-2936/11			K-2864/21	K-2936/21
 5,5 mm			K-2866/11	K-2938/11			K-2866/21	K-2938/21
 6,0 mm			K-2868/11	K-2940/11			K-2868/21	K-2940/21

K-2794/11 To K-2964/21
Spurling Intervertebral Disc Rongeurs,
angled downward 30° or 45°.

Maulbreiten width of jaw	 $\sphericalangle 30^\circ$				 $\sphericalangle 45^\circ$			
	140 mm *	160 mm *	180 mm *	200 mm *	140 mm *	160 mm *	180 mm *	200 mm *
 3,5 mm	K-2794/11	K-2824/11	K-2882/11	K-2954/11	K-2794/21	K-2824/21	K-2882/21	K-2954/21
 4,0 mm	K-2796/11	K-2826/11	K-2884/11	K-2956/11	K-2796/21	K-2826/21	K-2884/21	K-2956/21
 4,5 mm	K-2798/11	K-2828/11	K-2886/11	K-2958/11	K-2798/21	K-2828/21	K-2886/21	K-2958/21
 5,0 mm			K-2888/11	K-2960/11			K-2888/21	K-2960/21
 5,5 mm			K-2890/11	K-2962/11			K-2890/21	K-2962/21
 6,0 mm			K-2892/11	K-2964/11			K-2892/21	K-2964/21

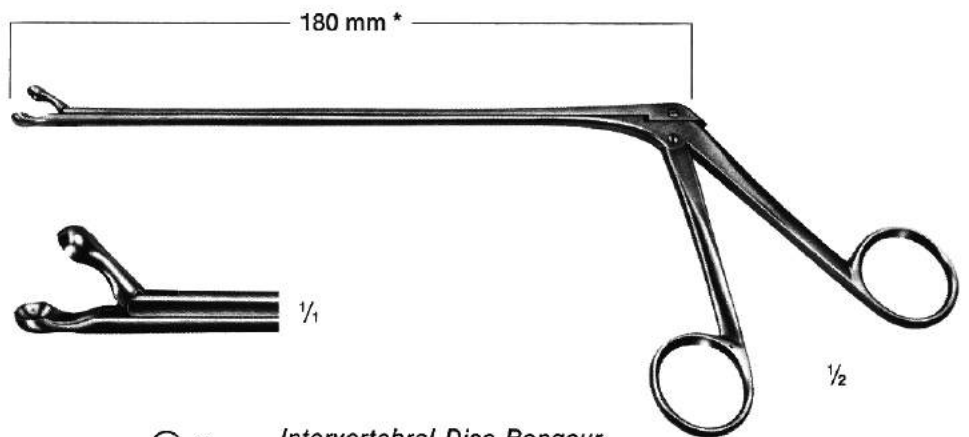
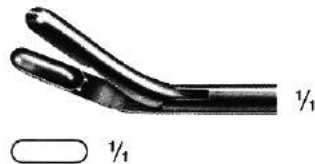
K-2976/1

*Spurling Intervertebral Disc Rongeur, angled to left, 3 mm wide jaws, 180 mm long.**



K-2976/2

*Spurling Intervertebral Disc Rongeur, angled to right, 3 mm wide jaws, 180 mm long.**



K-2977/1

○ 1/4 *Intervertebral Disc Rongeur, 4 mm diameter round cup, 180 mm long.**

K-2977/2

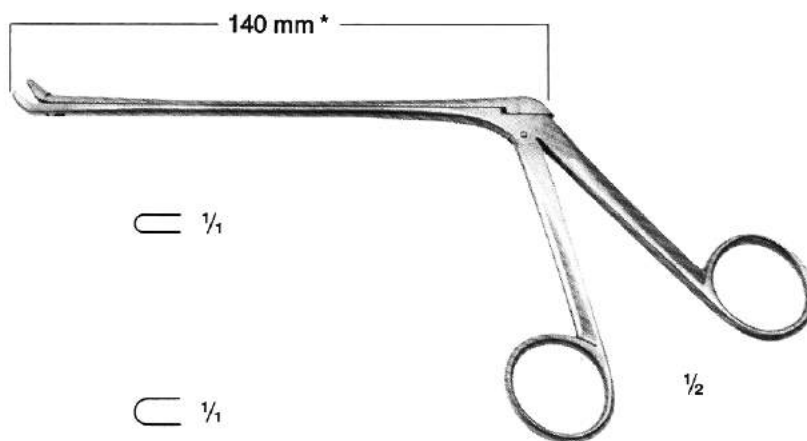
○ 1/4 *Intervertebral Disc Rongeur, 5 mm diameter round cup, 180 mm long.**

K-2977/3

○ 1/4 *Intervertebral Disc Rongeur, 6 mm diameter round cup, 180 mm long.**

K-2978/1

*Peapod Rongeur, angled upward,
 2.5 mm wide jaws, 140 mm long.**



K-2978/2

*Peapod Rongeur, angled upward,
 3.5 mm wide jaws, 140 mm long.**

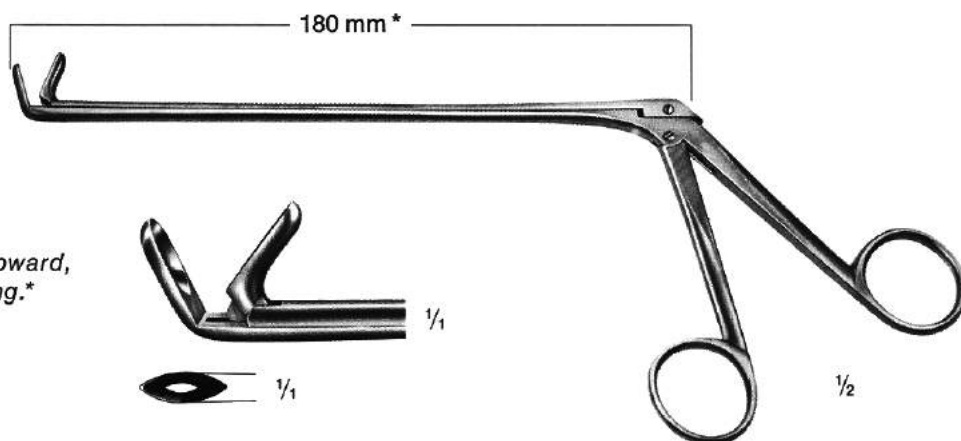
1/1

1/1

1/2

K-2979

*Jackson Rongeur, angled upward,
 4 mm wide jaws, 180 mm long.**

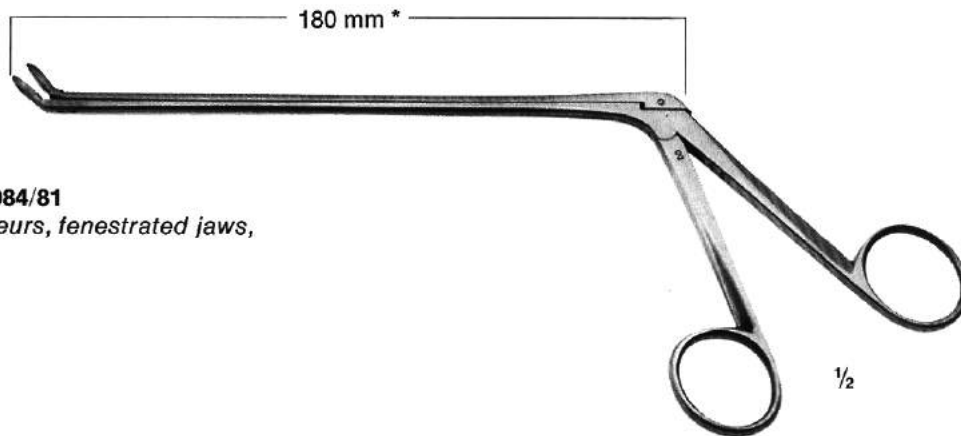


1/1















1/1

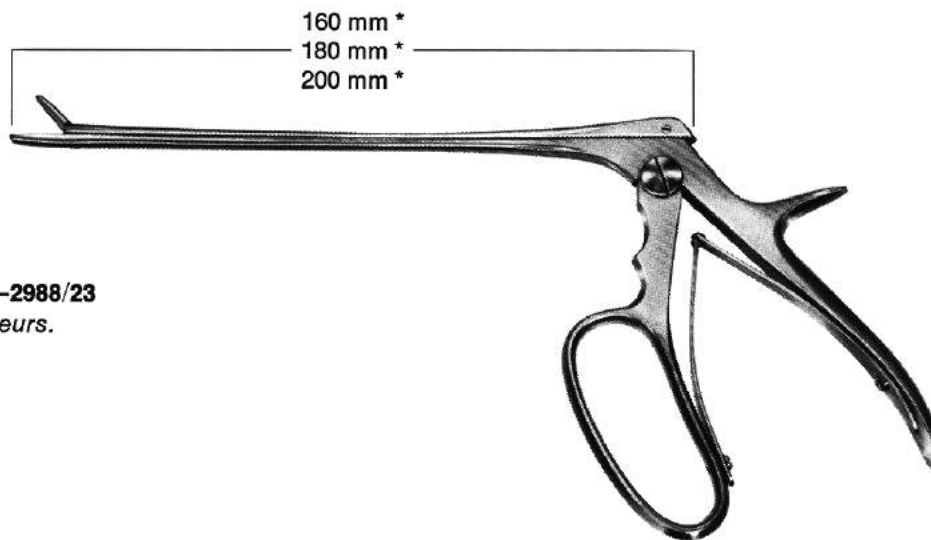
1/2

Laminectomy rongeurs
Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía


















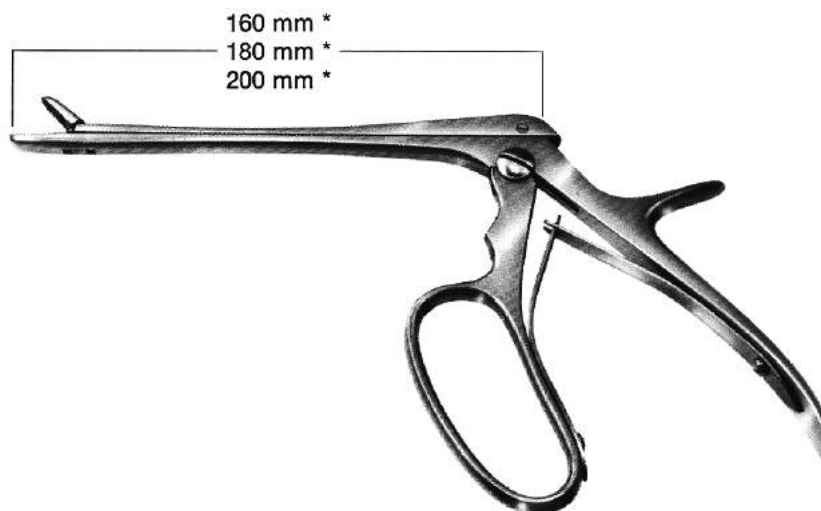
K-2980/1 To K-2984/81
Weil-Blakesley Rongeurs, fenestrated jaws,
*180 mm long.**

width of jaw	Jaws				
	<i>Straight Jaws</i>	<i>Jaws 30° angled upward</i>	<i>Jaws 45° angled upward</i>	<i>Jaws 30° angled downward</i>	<i>Jaws 45° angled downward</i>
 2,5 mm	 1/1	 1/1	 1/1	 1/1	 1/1
 3,0 mm	K-2980/1	K-2982/1	K-2982/11	K-2984/1	K-2984/11
 3,5 mm	K-2980/2	K-2982/2	K-2982/21	K-2984/2	K-2984/21
 4,0 mm	K-2980/3	K-2982/3	K-2982/31	K-2984/3	K-2984/31
 4,5 mm	K-2980/4	K-2982/4	K-2982/41	K-2984/4	K-2984/41
 5,0 mm	K-2980/5	K-2982/5	K-2982/51	K-2984/5	K-2984/51
 5,5 mm	K-2980/6	K-2982/6	K-2982/61	K-2984/6	K-2984/61
 6,0 mm	K-2980/7	K-2982/7	K-2982/71	K-2984/7	K-2984/71
 6,0 mm	K-2980/8	K-2982/8	K-2982/81	K-2984/8	K-2984/81












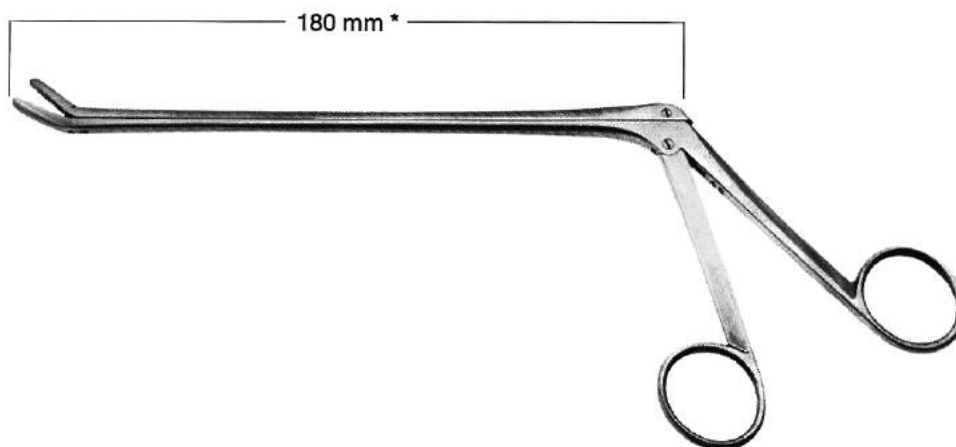
K-2985/1 To K-2988/23
Ferris-Smith Rongeurs.

		Maulbreiten width of jaw	Längen / length		
			160 mm *	180 mm *	200 mm *
Straight Jaws		 2,5 mm	K-2985/1	K-2985/2	K-2985/3
		 3,0 mm	K-2986/1	K-2986/2	K-2986/3
		 3,5 mm	K-2987/1	K-2987/2	K-2987/3
		 4,0 mm	K-2988/1	K-2988/2	K-2988/3
Jaws 30° angled upward		 2,5 mm	K-2985/11	K-2985/12	K-2985/13
		 3,0 mm	K-2986/11	K-2986/12	K-2986/13
		 3,5 mm	K-2987/11	K-2987/12	K-2987/13
		 4,0 mm	K-2988/11	K-2988/12	K-2988/13
Jaws 30° angled downward		 2,5 mm	K-2985/21	K-2985/22	K-2985/23
		 3,0 mm	K-2986/21	K-2986/22	K-2986/23
		 3,5 mm	K-2987/21	K-2987/22	K-2987/23
		 4,0 mm	K-2988/21	75-2988/22	K-2988/23



K-2999/1 To K-2999/26
Cloward Type Rongeurs
 with Ferris-Smith handle,
 concave and serrated jaws.

		Maulbreiten width of jaw	Längen / length		
			160 mm *	180 mm *	200 mm *
Straight Jaws	 1/1	 4 mm	K-2999/1	K-2999/2	K-2999/3
		 6 mm	K-2999/4	K-2999/5	K-2999/6
Maul 30 ° Jaws 30 ° angled upward	 1/1	 4 mm	K-2999/11	K-2999/12	K-2999/13
		 6 mm	K-2999/14	K-2999/15	K-2999/16
Maul 30 ° Jaws 30 ° angled downward	 1/1	 4 mm	K-2999/21	K-2999/22	K-2999/23
		 6 mm	K-2999/24	K-2999/25	K-2999/26



K-2990/1 To K-2990/3



*Hoffman Grasping Forceps,
 straight, serrated jaws, 180 mm long.**

K-2992/1 To K-2992/3






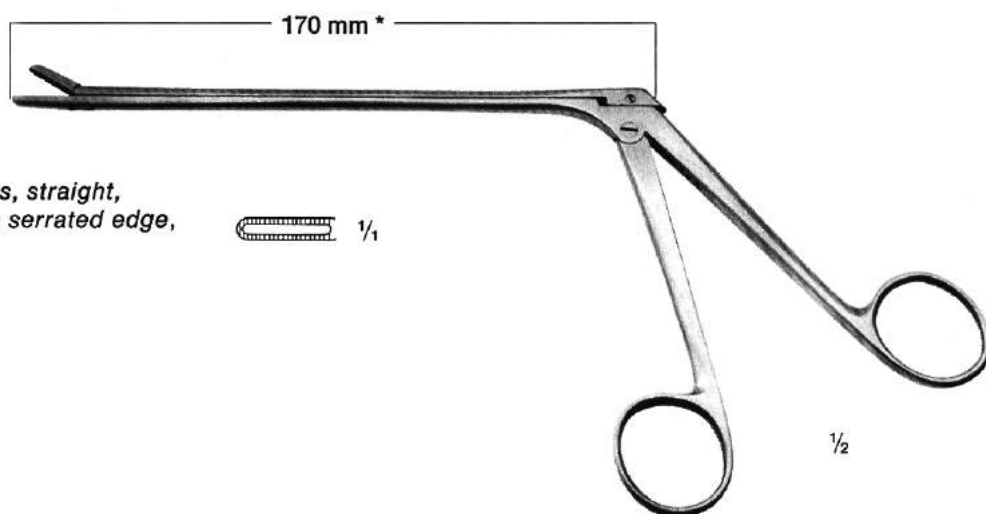
*Hoffman Grasping Forceps,
 angled 30° upward, serrated jaws,
 180 mm long.**

K-2994/1 To K-2994/3



*Hoffman Grasping Forceps,
 angled 30° downward, serrated jaws,
 180 mm long.**

Maulbreiten width of jaw			
 2,5 mm	K-2990/1	K-2992/1	K-2994/1
 3,0 mm	K-2990/2	K-2992/2	K-2994/2
 4,0 mm	K-2990/3	K-2992/3	K-2994/3

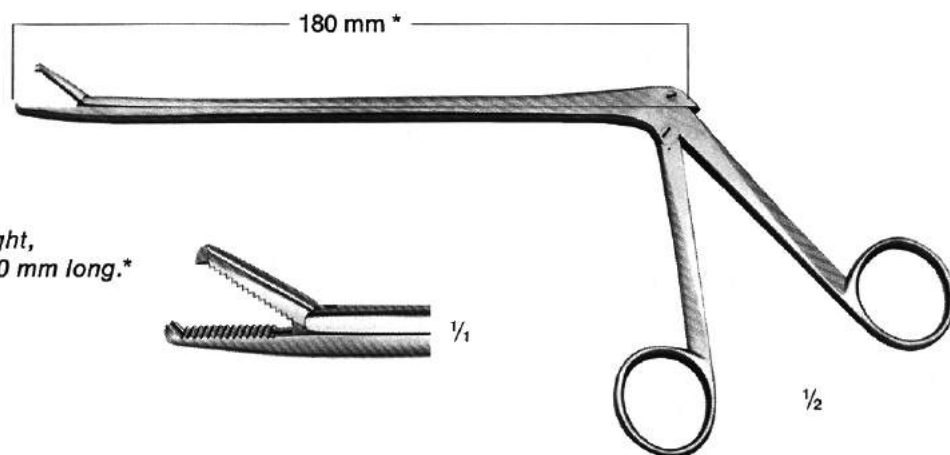


K-2995

*Schlesinger Grasping Forceps, straight,
 3 mm wide oval cup jaws with serrated edge,
 170 mm long.**

$\frac{1}{2}$

$\frac{1}{2}$



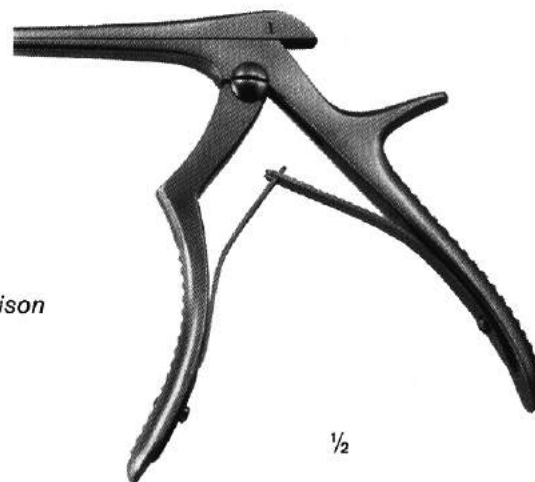
K-2996

*Munich Grasping Forceps, straight,
 serrated jaws and 1 x 2 teeth, 180 mm long.**

$\frac{1}{2}$

$\frac{1}{2}$

Rongeur Handles



Small Kerrison

1/2



Large Kerrison

1/2



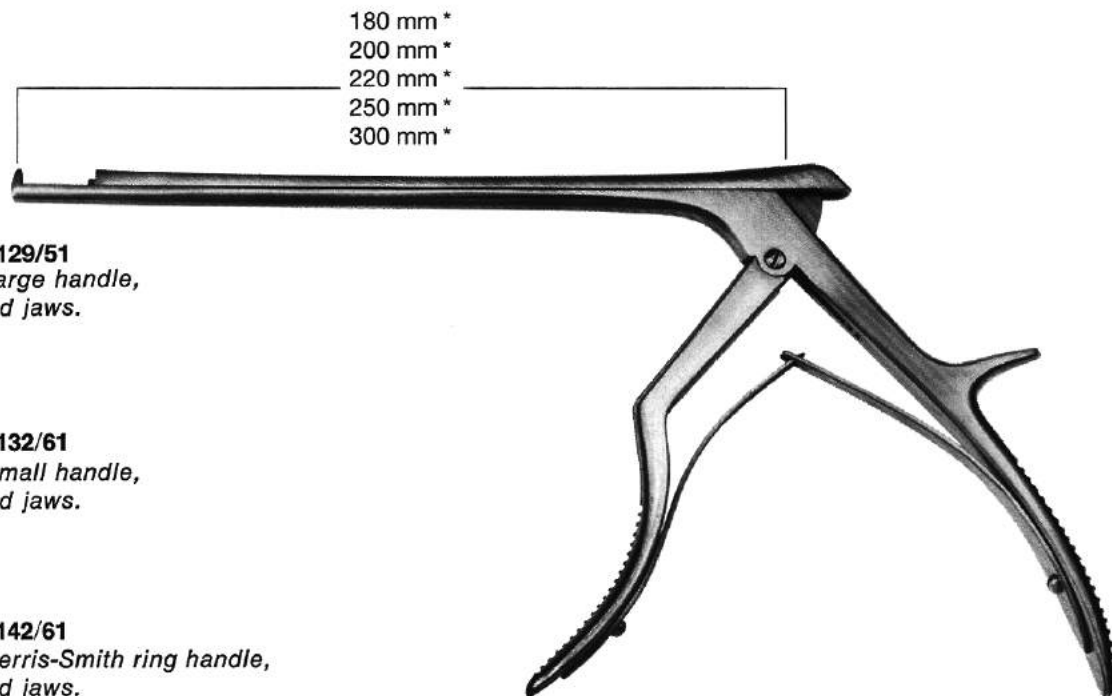
Ferris-Smith-Kerrison ring handle

1/2

Laminectomy rongeurs

Pincas emporte-pièces à laminectomie

Pinzas cortantes para laminectomía



K-3120/11 To K-3129/51
Kerrison Rongeurs, large handle,
up-cutting, 90° angled jaws.

K-3130/11 To K-3132/61
Kerrison Rongeurs, small handle,
up-cutting, 90° angled jaws.

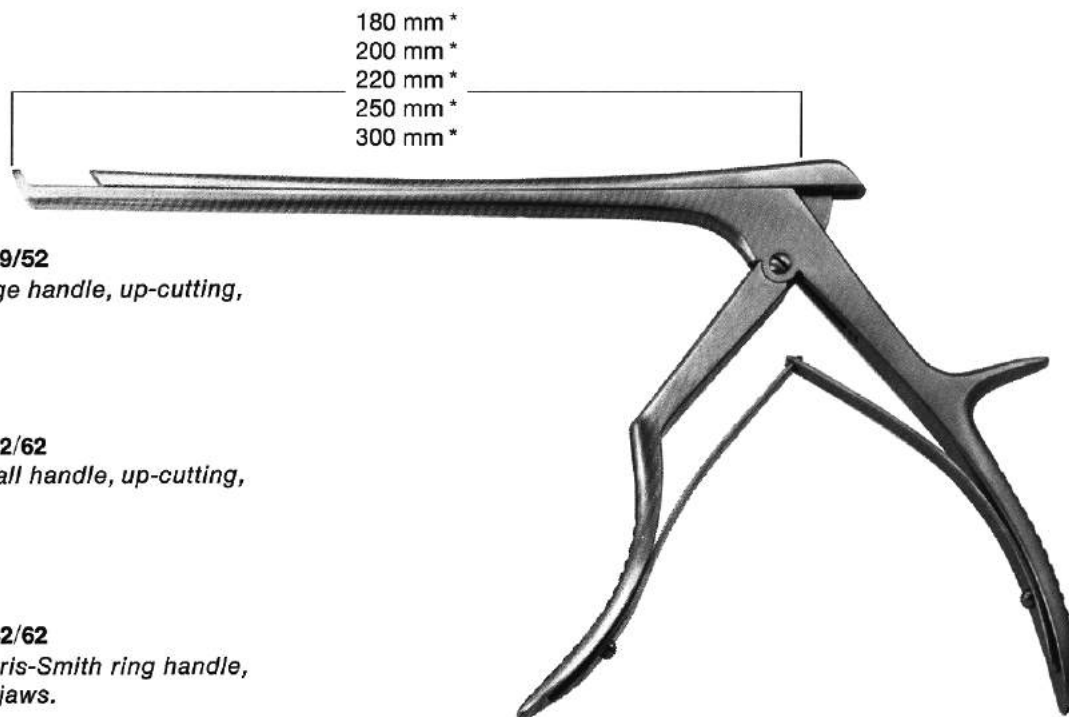
K-3140/11 To K-3142/61
Kerrison Rongeurs, Ferris-Smith ring handle,
up-cutting, 90° angled jaws.

Size of jaw width x height mm	Large Kerrison					Small Kerrison		Kerrison Ferris-Smith- Kerrison	
	180 mm*	200 mm*	220 mm*	250 mm*	300 mm*	180 mm*	200 mm*	180 mm*	200 mm*
∩ 2,5 x 2,5	K-3120/11	K-3122/11	K-3124/11			K-3130/11	K-3132/11	K-3140/11	K-3142/11
∩ 2,0 x 3,0	K-3120/21	K-3122/21	K-3124/21	K-3125/21	K-3129/21	K-3130/21	K-3132/21	K-3140/21	K-3142/21
<i>with ejector</i>									
∩ 3,0 x 4,0	K-3120/31	K-3122/31	K-3124/31	K-3125/31	K-3129/31	K-3130/31	K-3132/31	K-3140/31	K-3142/31
∩ 4,0 x 5,0	K-3120/41	K-3122/41	K-3124/41	K-3125/41	K-3129/41	K-3130/41	K-3132/41	K-3140/41	K-3142/41
∩ 5,0 x 5,0	K-3120/51	K-3122/51	K-3124/51	K-3125/51	K-3129/51	K-3130/51	K-3132/51	K-3140/51	K-3142/51
∩ 6,0 x 5,0	K-3120/61	K-3122/61	K-3124/61			K-3130/61	K-3132/61	K-3140/61	K-3142/61
∩ 7,0 x 6,0	K-3120/71	K-3122/71	K-3124/71						

Laminectomy rongeurs

Pinces emporte-pièces à laminectomie

Pinzas cortantes para laminectomía



K-3120/12 To K-3129/52








Kerrison Rongeurs, large handle, up-cutting, 50° angled jaws.

K-3130/12 To K-3132/62

Kerrison Rongeurs, small handle, up-cutting, 50° angled jaws.

K-3140/12 To K-3142/62

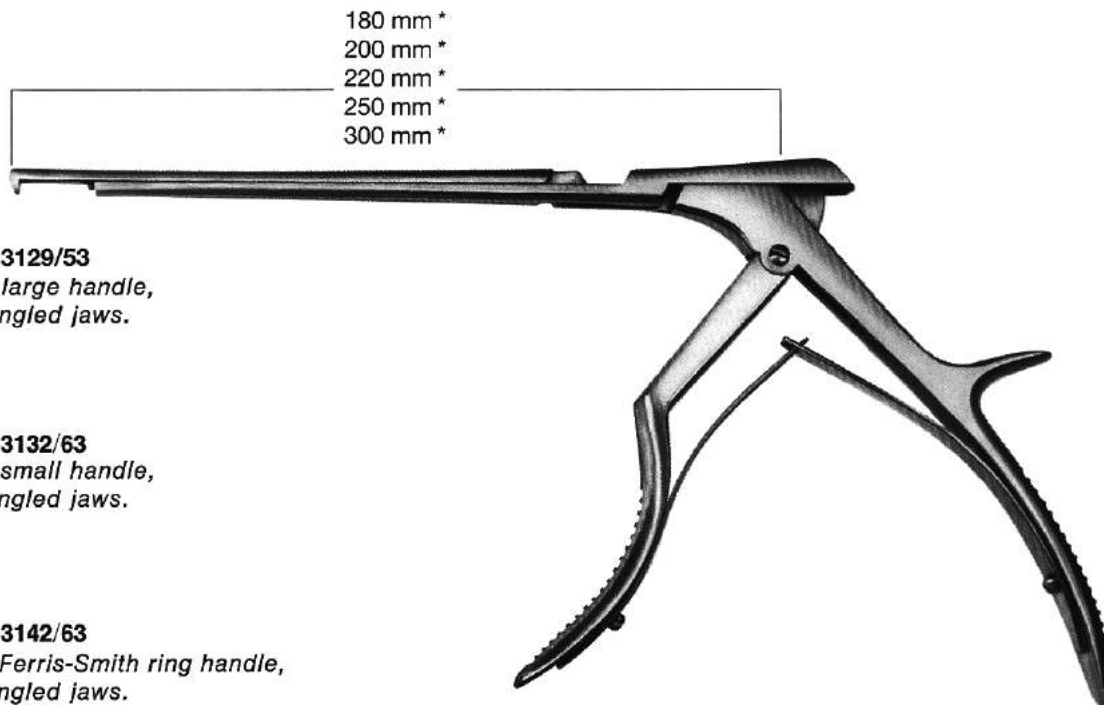
Kerrison Rongeurs, Ferris-Smith ring handle, up-cutting, 50° angled jaws.

Breite x Höhe width x height mm	Large Kerrison					Small Kerrison		Ferris-Smith-Kerrison	
	180 mm*	200 mm*	220 mm*	250 mm*	300 mm*	180 mm*	200 mm*	180 mm*	200 mm*
 2,5 x 2,5	K-3120/12	K-3122/12	K-3124/12			K-3130/12	K-3132/12	K-3140/12	K-3142/12
 2,0 x 3,0	K-3120/22	K-3122/22	K-3124/22	K-3125/22	K-3129/22	K-3130/22	K-3132/22	K-3140/22	K-3142/22
<i>with ejector</i>									
 3,0 x 4,0	K-3120/32	K-3122/32	K-3124/32	K-3125/32	K-3129/32	K-3130/32	K-3132/32	K-3140/32	K-3142/32
 4,0 x 5,0	K-3120/42	K-3122/42	K-3124/42	K-3125/42	K-3129/42	K-3130/42	K-3132/42	K-3140/42	K-3142/42
 5,0 x 5,0	K-3120/52	K-3122/52	K-3124/52	K-3125/52	K-3129/52	K-3130/52	K-3132/52	K-3140/52	K-3142/52
 6,0 x 5,0	K-3120/62	K-3122/62	K-3124/62			K-3130/62	K-3132/62	K-3140/62	K-3142/62
 7,0 x 6,0	K-3120/72	K-3122/72	K-3124/72						

Laminectomy rongeurs

Pinces emporte-pièces à laminectomie

Pinzas cortantes para laminectomía



K-3120/13 To K-3129/53
Kerrison Rongeurs, large handle, down-cutting, 90° angled jaws.

K-3130/13 To K-3132/63
Kerrison Rongeurs, small handle, down-cutting, 90° angled jaws.

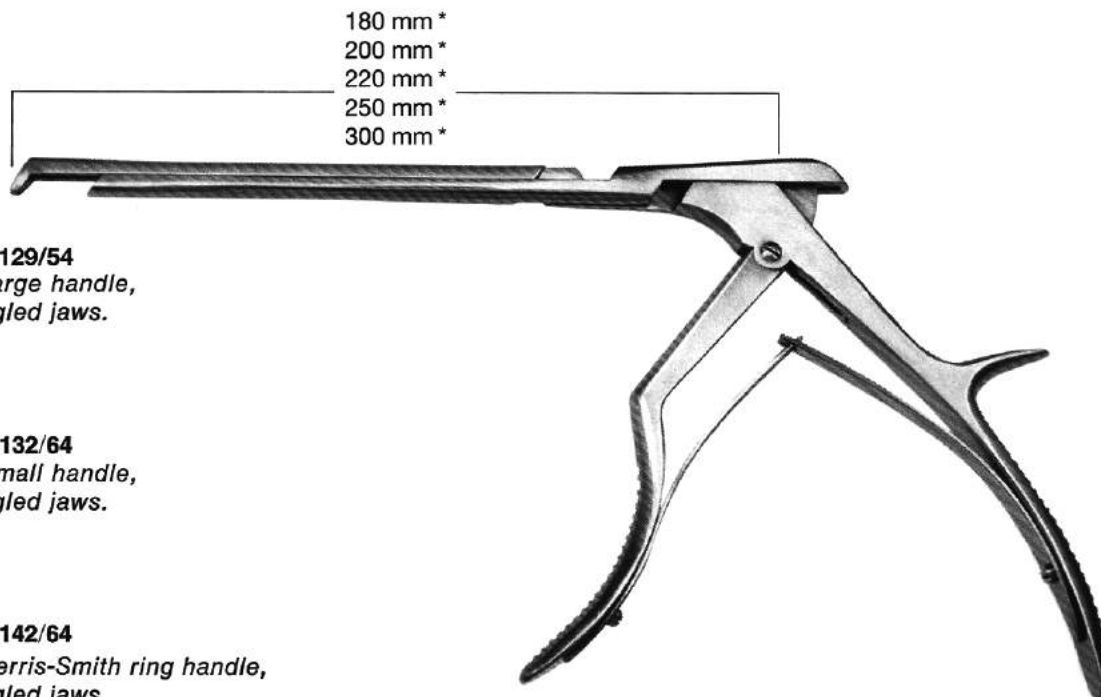
K-3140/13 To K-3142/63
Kerrison Rongeurs, Ferris-Smith ring handle, down-cutting, 90° angled jaws.

width x height mm	Large Kerrison					Small Kerrison		Ferris-Smith-Kerrison	
	180 mm*	200 mm*	220 mm*	250 mm*	300 mm*	180 mm*	200 mm*	180 mm*	200 mm*
U 2,5 x 2,5	K-3120/13	K-3122/13	K-3124/13			K-3130/13	K-3132/13	K-3140/13	K-3142/13
U 2,0 x 3,0	K-3120/23	K-3122/23	K-3124/23	K-3125/23	K-3129/23	K-3130/23	K-3132/23	K-3140/23	K-3142/23
<i>with ejector</i>									
U 3,0 x 4,0	K-3120/33	K-3122/33	K-3124/33	K-3125/33	K-3129/33	K-3130/33	K-3132/33	K-3140/33	K-3142/33
U 4,0 x 5,0	K-3120/43	K-3122/43	K-3124/43	K-3125/43	K-3129/43	K-3130/43	K-3132/43	K-3140/43	K-3142/43
U 5,0 x 5,0	K-3120/53	K-3122/53	K-3124/53	K-3125/53	K-3129/53	K-3130/53	K-3132/53	K-3140/53	K-3142/53
U 6,0 x 5,0	K-3120/63	K-3122/63	K-3124/63			K-3130/63	K-3132/63	K-3140/63	K-3142/63
U 7,0 x 6,0	K-3120/73	K-3122/73	K-3124/73						

Laminectomy rongeurs

Pincas emporte-pièces à laminectomie

Pinzas cortantes para laminectomía



K-3120/14 To K-3129/54
Kerrison Rongeurs, large handle, down-cutting, 50° angled jaws.

K-3130/14 To K-3132/64
Kerrison Rongeurs, small handle, down-cutting, 50° angled jaws.

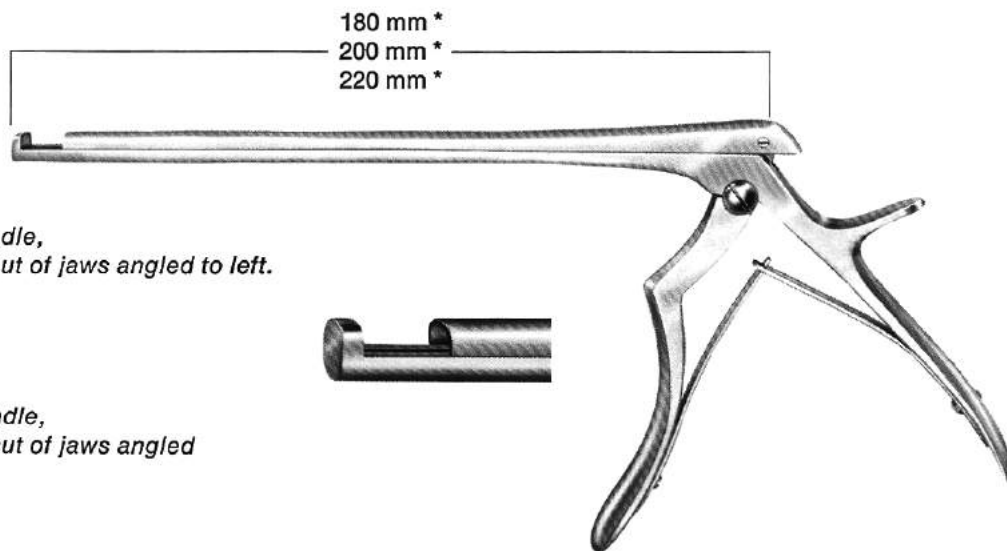
K-3140/14 To K-3142/64
Kerrison Rongeurs, Ferris-Smith ring handle, down-cutting, 50° angled jaws.

width x height mm	Large Kerrison					Small Kerrison		Ferris-Smith-Kerrison	
	180 mm*	200 mm*	220 mm*	250 mm*	300 mm*	180 mm*	200 mm*	180 mm*	200 mm*
U 2,5 x 2,5	K -3120/14	K -3122/14	K -3124/14			K -3130/14	K -3132/14	K -3140/14	K -3142/14
U 2,0 x 3,0	K -3120/24	K -3122/24	K -3124/24	K -3125/24	K -3129/24	K -3130/24	K -3132/24	K -3140/24	K -3142/24
U 3,0 x 4,0	K -3120/34	K -3122/34	K -3124/34	K -3125/34	K -3129/34	K -3130/34	K -3132/34	K -3140/34	K -3142/34
U 4,0 x 5,0	K -3120/44	K -3122/44	K -3124/44	K -3125/44	K -3129/44	K -3130/44	K -3132/44	K -3140/44	K -3142/44
U 5,0 x 5,0	K -3120/54	K -3122/54	K -3124/54	K -3125/54	K -3129/54	K -3130/54	K -3132/54	K -3140/54	K -3142/54
U 6,0 x 5,0	K -3120/64	K -3122/64	K -3124/64			K -3130/64	K -3132/64	K -3140/64	K -3142/64
U 7,0 x 6,0	K -3120/74	K -3122/74	K -3124/74						

Laminectomy rongeurs

Pinces emporte-pièces à laminectomie








Pinzas cortantes para laminectomía



K-3120/15 To K-3124/75
Kerrison Rongeurs, large handle, up-cutting, 90° angled jaws, cut of jaws angled to left.

K-3130/15 To K-3132/65
Kerrison Rongeurs, small handle, up-cutting, 90° angled jaws, cut of jaws angled to left.

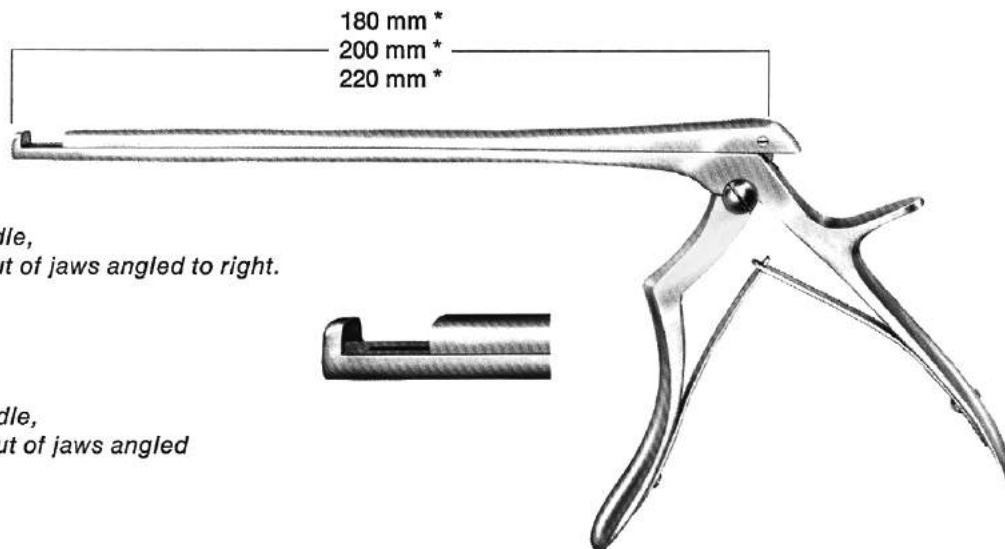
K-3140/15 To K-3142/65
Kerrison Rongeurs, Ferris-Smith ring handle, up-cutting, 90° angled jaws, cut of jaws angled to left.

width x height mm	Large Kerrison			Small Kerrison		Ferris-Smith-Kerrison	
	180 mm *	200 mm *	220 mm *	180 mm *	200 mm *	180 mm *	200 mm *
 2,5 x 2,5	K -3120/15	K -3122/15	K -3124/15	K -3130/15	K -3132/15	K -3140/15	K -3142/15
 2,0 x 3,0	K -3120/25	K -3122/25	K -3124/25	K -3130/25	K -3132/25	K -3140/25	K -3142/25
<i>with ejector</i>							
 3,0 x 4,0	K -3120/35	K -3122/35	K -3124/35	K -3130/35	K -3132/35	K -3140/35	K -3142/35
 4,0 x 5,0	K -3120/45	K -3122/45	K -3124/45	K -3130/45	K -3132/45	K -3140/45	K -3142/45
 5,0 x 5,0	K -3120/55	K -3122/55	K -3124/55	K -3130/55	K -3132/55	K -3140/55	K -3142/55
 6,0 x 5,0	K -3120/65	K -3122/65	K -3124/65	K -3130/65	K -3132/65	K -3140/65	K -3142/65
 7,0 x 6,0	K -3120/75	K -3122/75	K -3124/75				

Laminectomy rongeurs

Pincas emporte-pièces à laminectomie

Pinzas cortantes para laminectomía



K-3120/16 To K-3124/76








Kerrison Rongeurs, large handle, up-cutting, 90° angled jaws, cut of jaws angled to right.

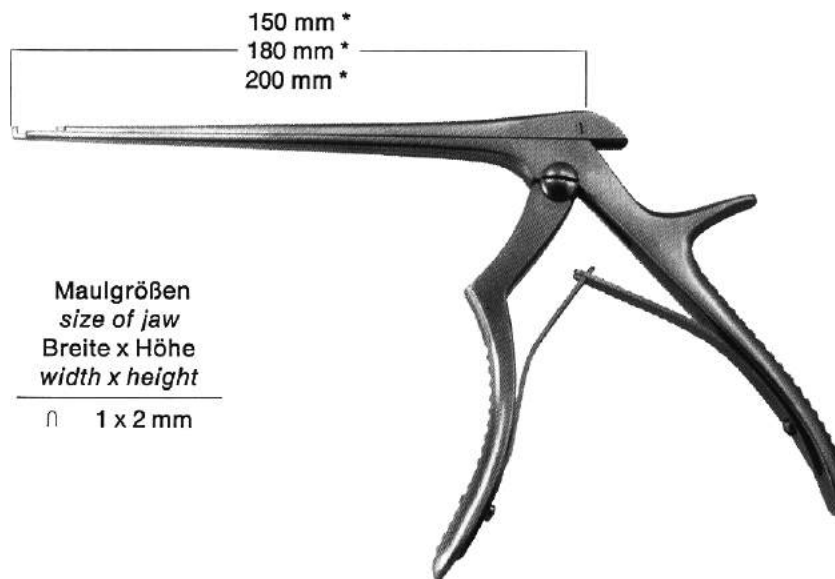
K-3130/16 To K-3132/66

Kerrison Rongeurs, small handle, up-cutting, 90° angled jaws, cut of jaws angled to right.

K-3140/16 To K-3142/66

Kerrison Rongeurs, Ferris-Smith ring handle, up-cutting, 90° angled jaws, cut of jaws angled to right.

width x height mm	Large Kerrison			Small Kerrison		Ferris-Smith-Kerrison	
	180 mm *	200 mm *	220 mm *	180 mm *	200 mm *	180 mm *	200 mm *
 2,5 x 2,5	K-3120/16	K-3122/16	K-3124/16	K-3130/16	K-3132/16	K-3140/16	K-3142/16
 2,0 x 3,0	K-3120/26	K-3122/26	K-3124/26	K-3130/26	K-3132/26	K-3140/26	K-3142/26
<i>with ejector</i>							
 3,0 x 4,0	K-3120/36	K-3122/36	K-3124/36	K-3130/36	K-3132/36	K-3140/36	K-3142/36
 4,0 x 5,0	K-3120/46	K-3122/46	K-3124/46	K-3130/46	K-3132/46	K-3140/46	K-3142/46
 5,0 x 5,0	K-3120/56	K-3122/56	K-3124/56	K-3130/56	K-3132/56	K-3140/56	K-3142/56
 6,0 x 5,0	K-3120/66	K-3122/66	K-3124/66	K-3130/66	K-3132/66	K-3140/66	K-3142/66
 7,0 x 6,0	K-3120/76	K-3122/76	K-3124/76				



			<i>length</i>		
			150 mm *	180 mm *	200 mm *

K-3136/11 To K-3136/31

*Micro Kerrison Rongeurs,
 small handle, up-cutting, 90° angled jaws.*



K-3136/11	K-3136/21	K-3136/31
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K-3136/12 To K-3136/32

*Micro Kerrison Rongeurs,
 small handle, up-cutting, 50° angled jaws.*



K-3136/12	K-3136/22	K-3136/32
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K-3136/13 To K-3136/33

*Micro Kerrison Rongeurs,
 small handle, down-cutting, 90° angled jaws.*



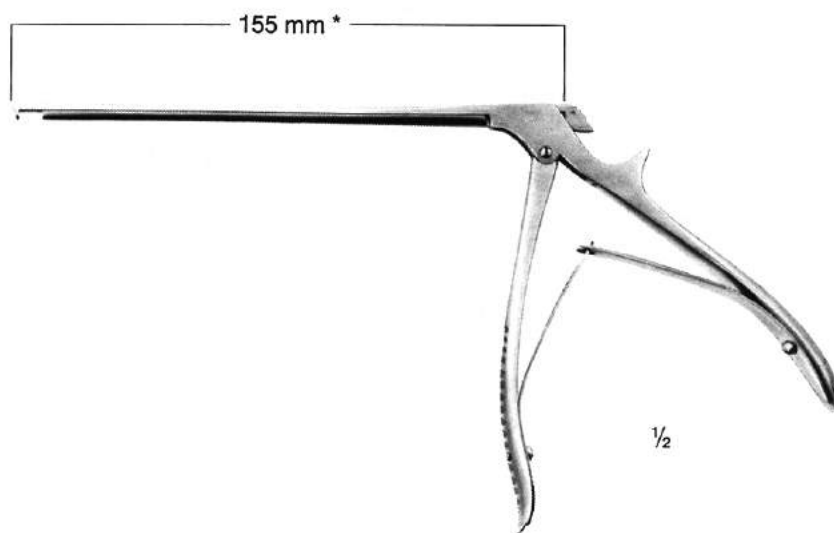
K-3136/13	K-3136/23	K-3136/33
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K-3136/14 To K-3136/34

*Micro Kerrison Rongeurs,
 small handle, dow-cutting, 50° angled jaws.*



K-3136/14	K-3136/24	K-3136/34
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K-3139/1

*Pediatric Laminectomy Rongeur,
 up-cutting, 90° angled jaws,
 2.5 x 2 mm, 155 mm long.**

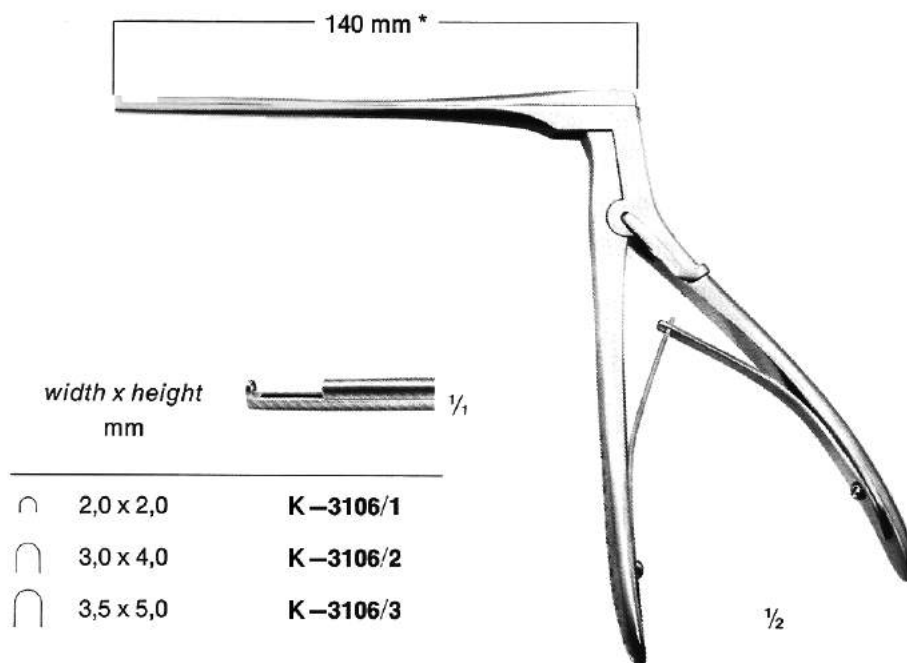


K-3139/2

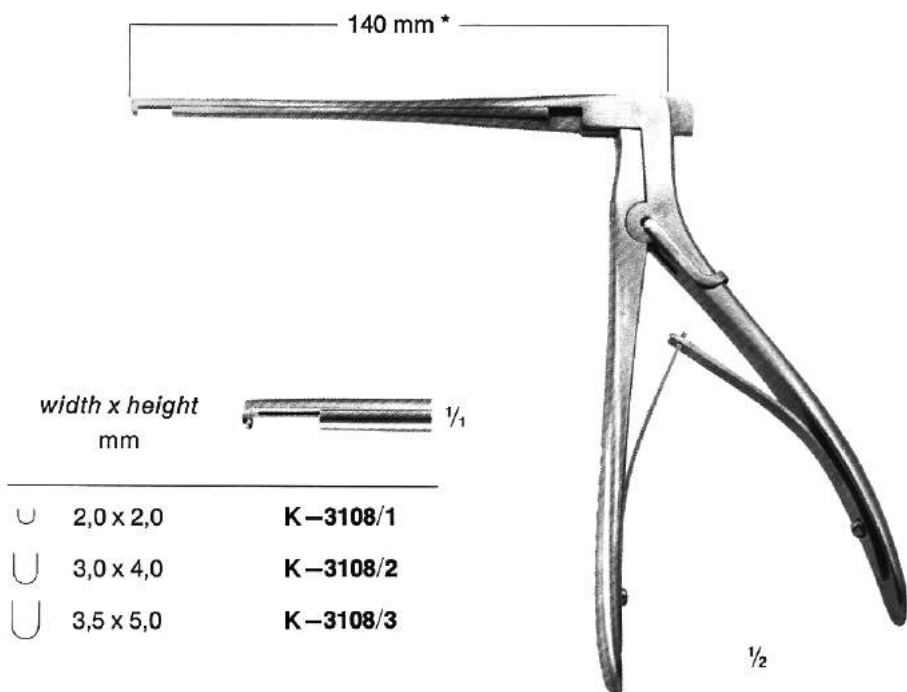
*Pediatric Laminectomy Rongeur,
 down-cutting, 90° angled jaws,
 2.5 x 2 mm, 155 mm long.**



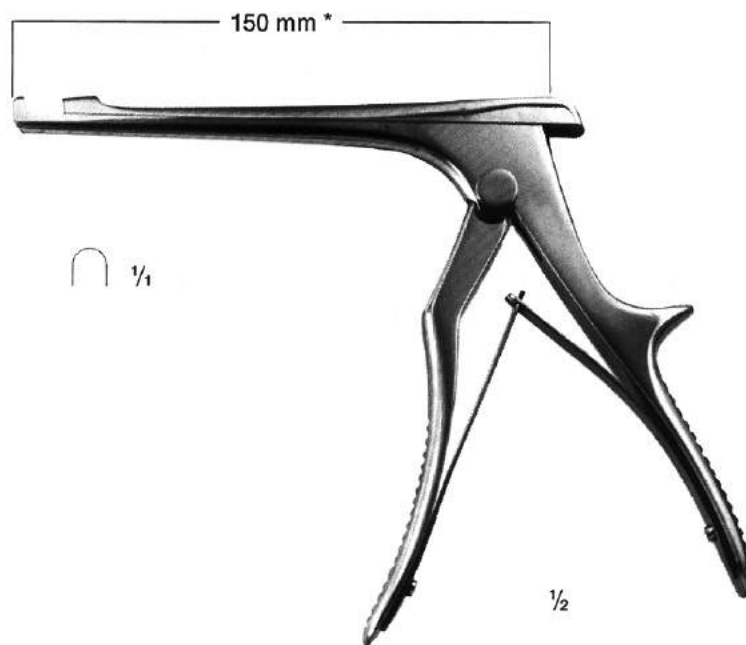
K-3106/1 To K-3106/3
Hajek-Kofler Rongeurs,
*up-cutting, 140 mm long.**



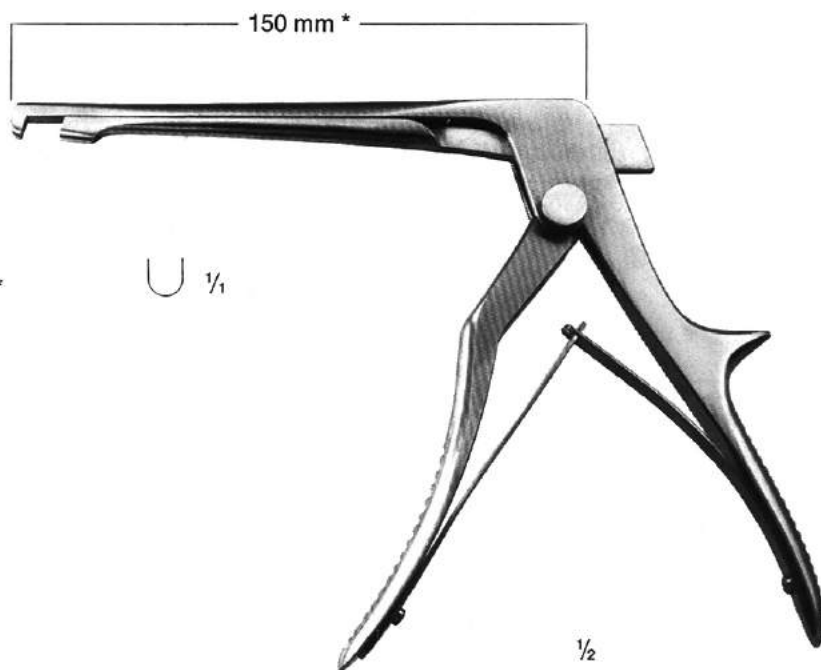
K-3108/1 To K-3108/3
Hajek-Kofler Rongeurs,
*down-cutting, 140 mm long.**

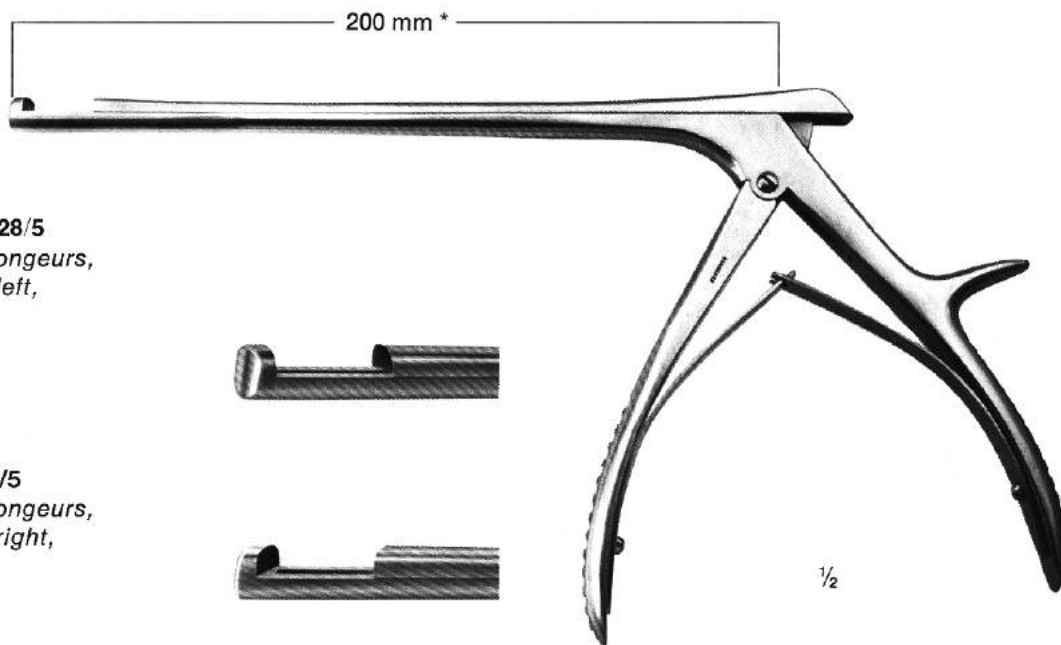


K-3160
Richter Rongeur, up-cutting,
*4.5 x 5 mm, jaws angled 75°, 150 mm long.**






K-3162
Richter Rongeur, down-cutting,
*4.5 x 5 mm, jaws angled 75°, 150 mm long.**





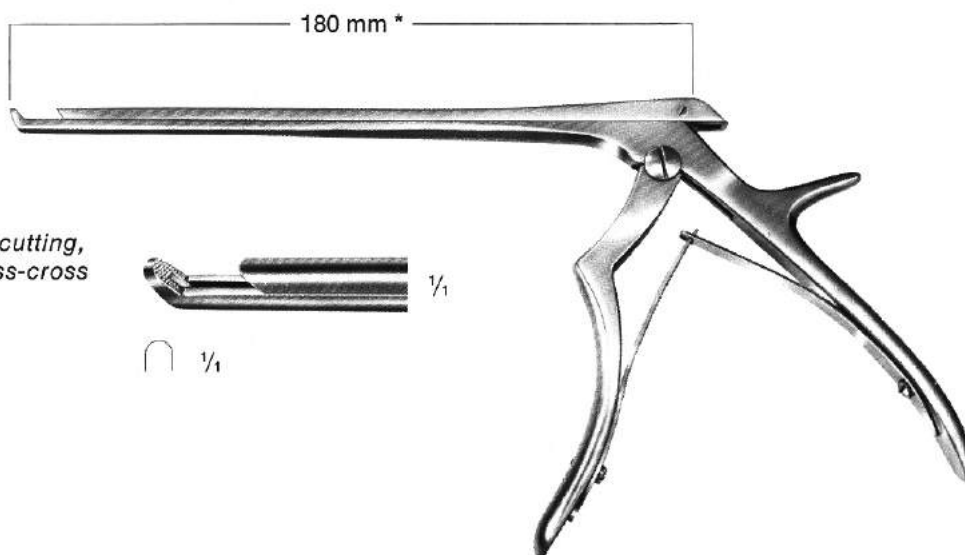
K-3228/2 To K-3228/5
 Whitcomb-Kerrison Rongeurs,
 cut of jaws angled to left,
 200 mm long.*

K-3230/2 To K-3230/5
 Whitcomb-Kerrison Rongeurs,
 cut of jaws angled to right,
 200 mm long.*

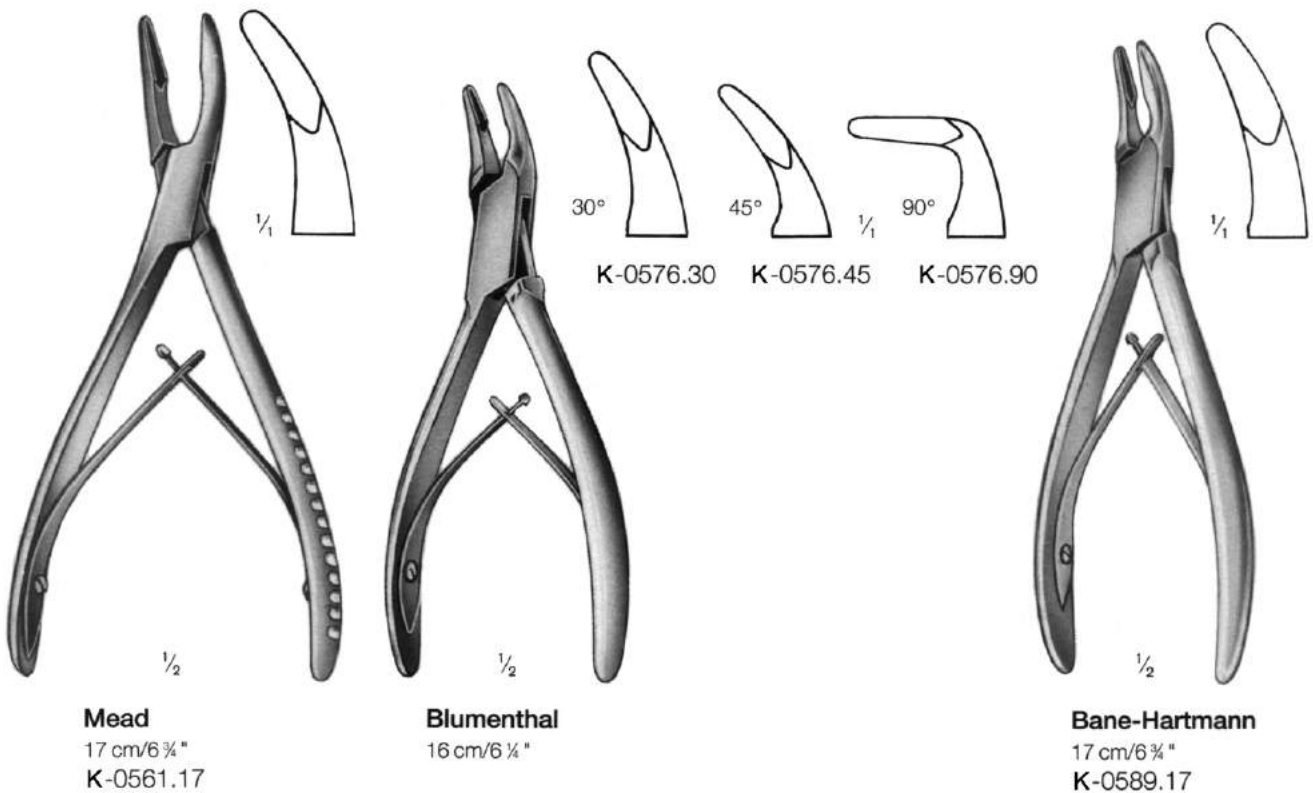
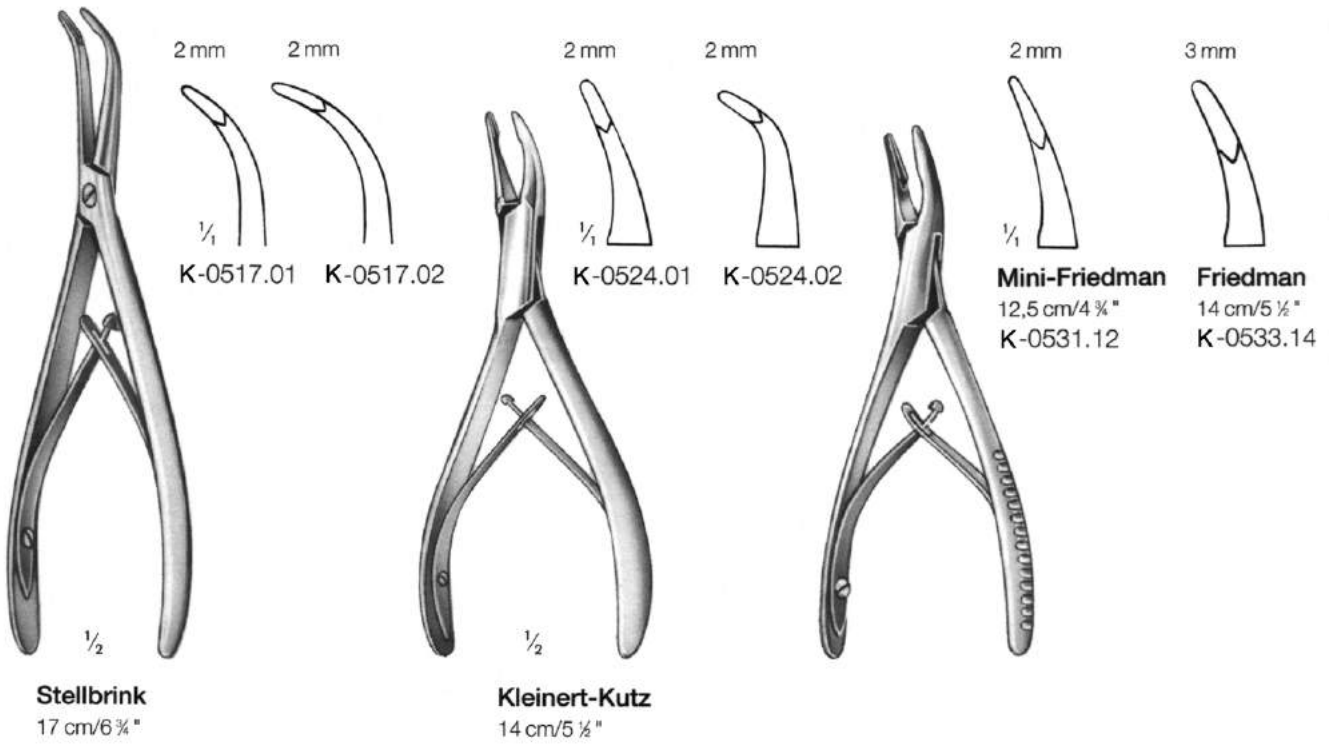
Size of jaw width x height mm	curved to left Art.-Nr.	curved to right Art.-Nr.
 2,0 x 3,0	K -3228/2	K -3230/2
 3,0 x 4,0	K -3228/3	K -3230/3
 5,0 x 5,0	K -3228/5	K -3230/5

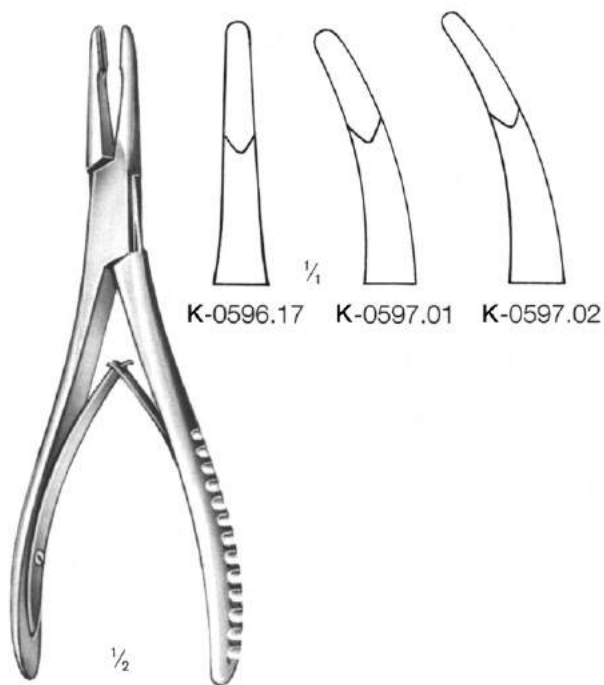
without ejector

with ejector



K-3240
 Link Hemostatic Rongeur, non-cutting,
 3.5 x 4 mm jaws angled 50°, criss-cross
 serrated, 180 mm long.*

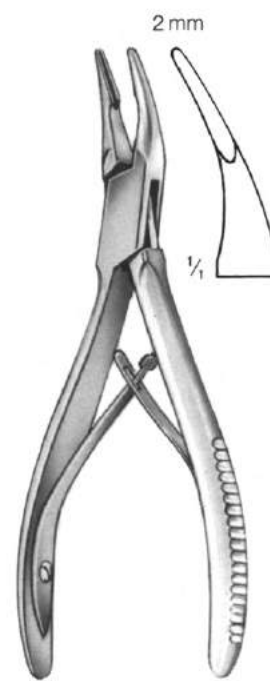




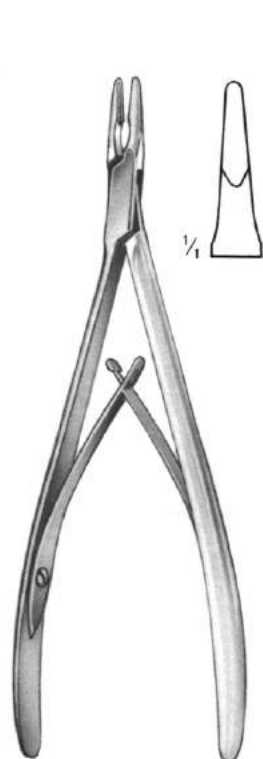
Jansen
 17 cm/6 3/4"



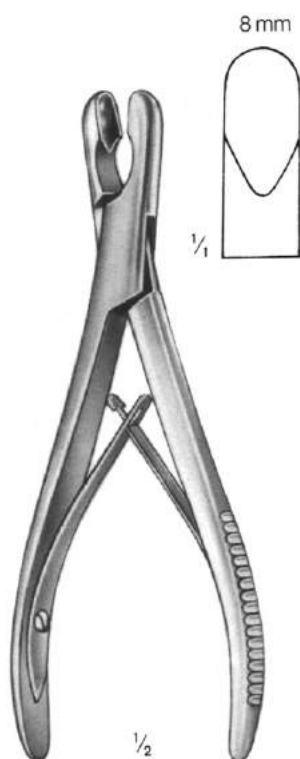
Jansen
 18 cm/7"
 K-0611.18



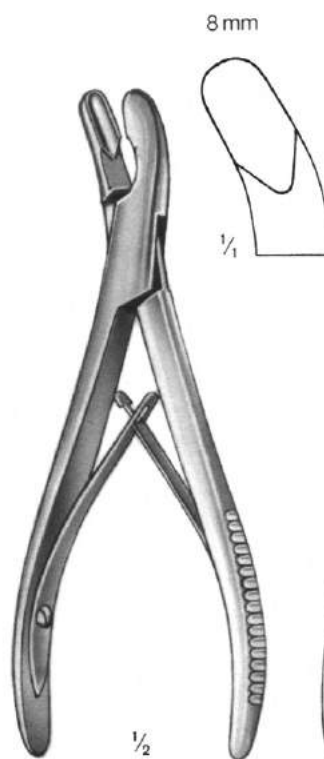
Beyer
 17 cm/6 3/4"
 K-0627.02



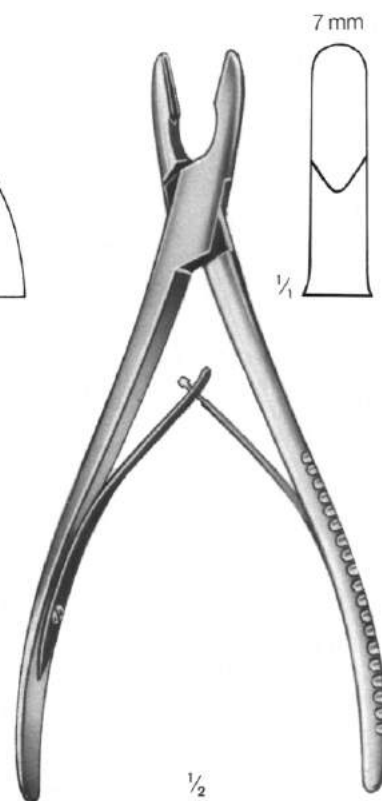
Lempert
 19 cm/7 1/2"
 K-0636.19



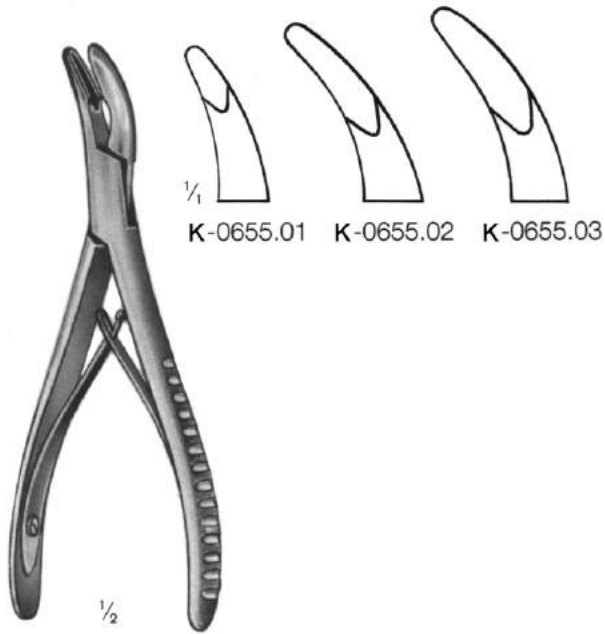
Luer
 18 cm/7"
 K-0650.18



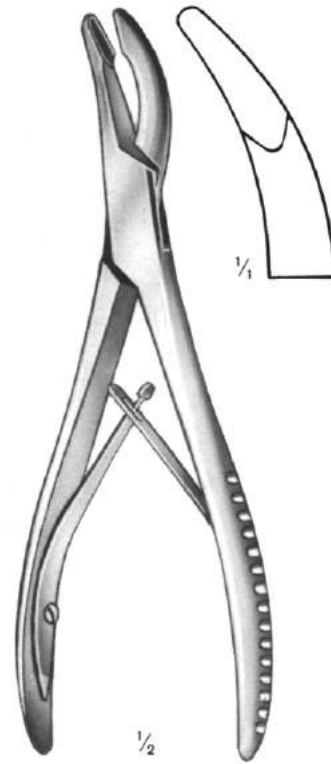
Luer
 18 cm/7"
 K-0651.18



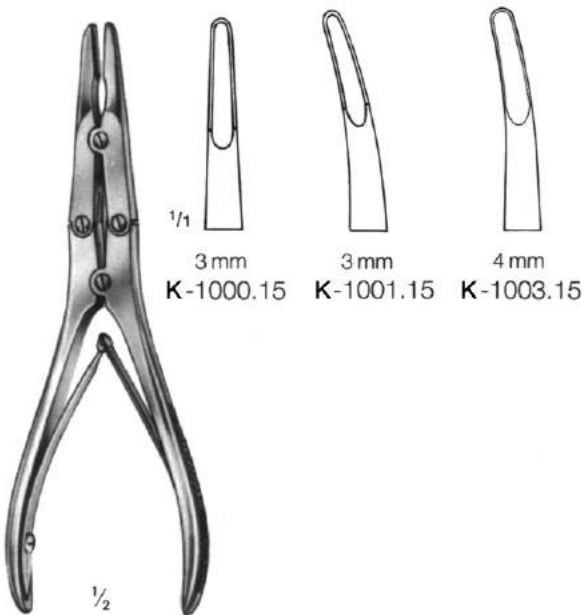
Adson
 20 cm/8"
 K-0670.20



Luer
 15 cm/6"



Olivecrona
 20 cm/8"
 K-0677.20



Böhler (Ruskin-Mini)
 15 cm/6"



Beyer
 18 cm/7"
 K-1011.18



Zaufal-Jansen
 18 cm/7"
 K-1013.18



19 cm/7 ½"



24 cm/9 ½"



24 cm/9 ½"



straight



light curve



strong curve

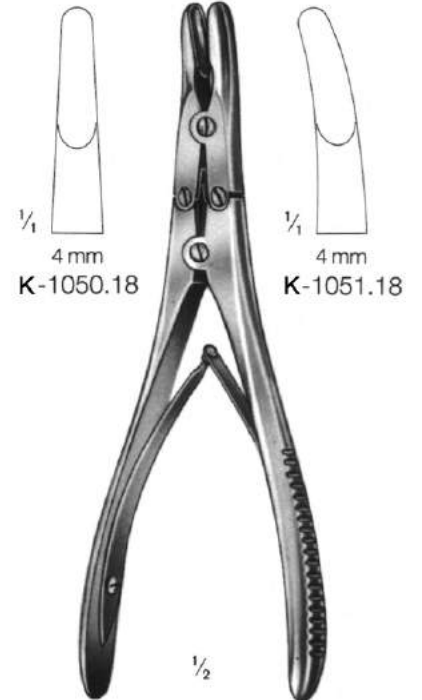
	straight		light curve		strong curve	
	3 mm	4 mm	3 mm	4 mm	3 mm	4 mm
Smith-Peterson						
19 cm/7 ½"	K-1019.03	K-1019.04	K-1019.13	K-1019.14	K-1019.23	K-1019.24
24 cm/9 ½"	K-1024.03	K-1024.04	K-1024.13	K-1024.14	K-1024.23	K-1024.24
Fulton	5 mm	6 mm	5 mm	6 mm	5 mm	6 mm
19 cm/7 ½"	K-1019.05	K-1019.06	K-1019.15	K-1019.16	K-1019.25	K-1019.26
24 cm/9 ½"	K-1024.05	K-1024.06	K-1024.15	K-1024.16	K-1024.25	K-1024.26



Mayfield
 18,5 cm/7 1/4"
 K-1035.18



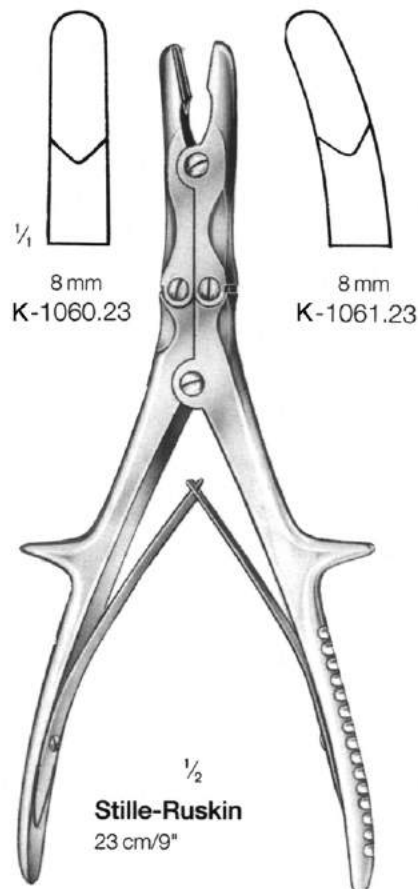
Marquardt
 20 cm/8"
 K-1037.20



Ruskin
 18 cm/7"



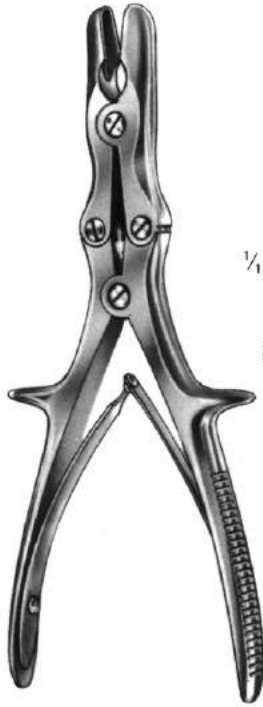
Röttgen-Ruskin
 24 cm/9 1/2"
 K-1055.24



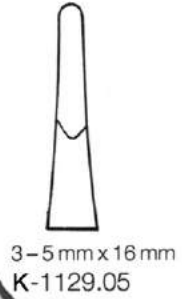
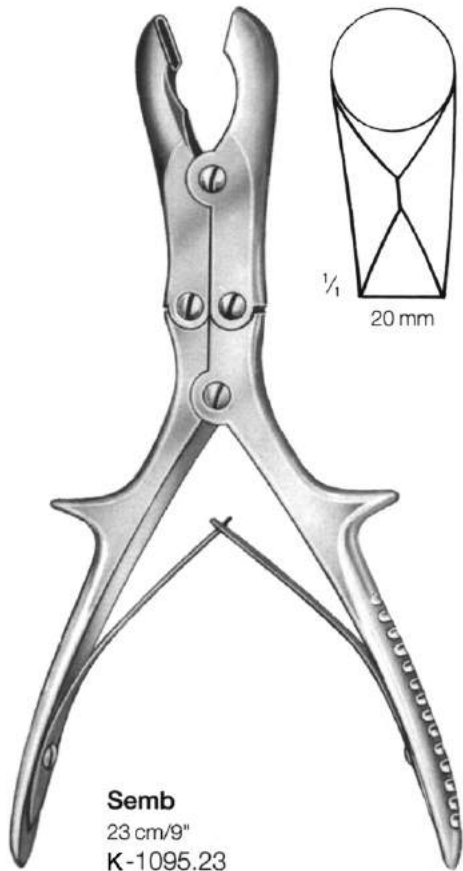
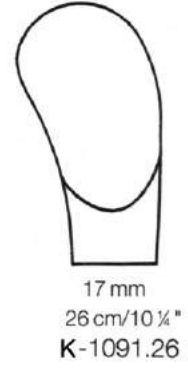
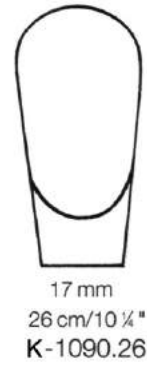
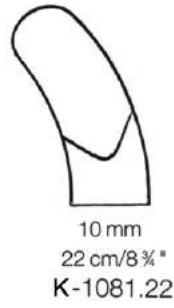
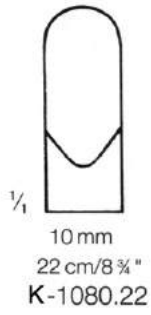
Stille-Ruskin
 23 cm/9"

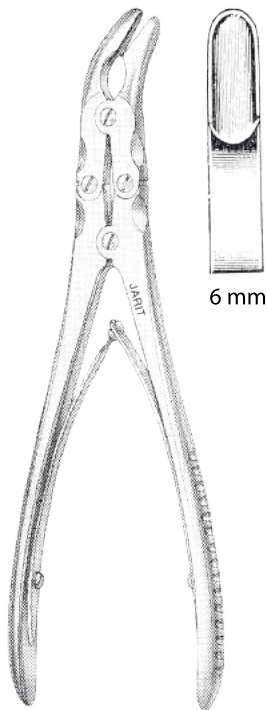


Stille-Luer (Duckbill)
 23 cm/9"
 K-1065.23



Stille-Luer

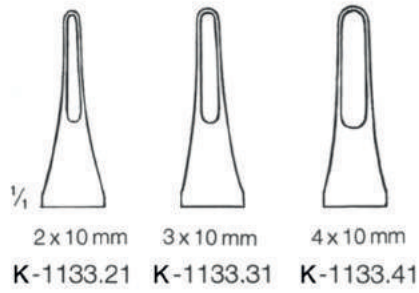




Ruskin-Duckbill
18 cm/7.25"
K-1105.18



Echlin (Duckbill)
23 cm/9"



Frykholm
23 cm/9"
K-1135.23



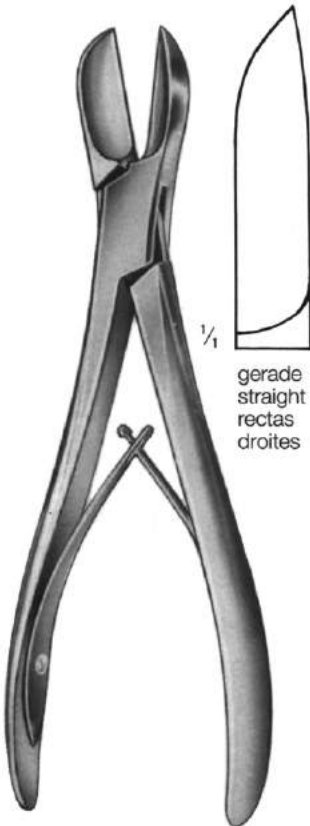
Cottle-Kazanjian
 19 cm/7 1/2"
 K-0100.19



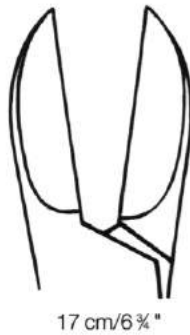
14 cm/5 1/2"



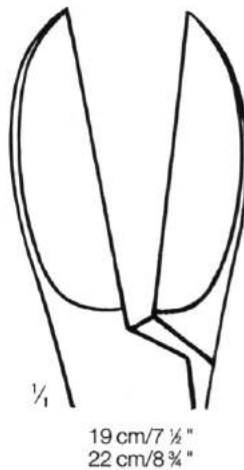
Littauer-Liston
 15,5 cm/6"
 K-0140.15



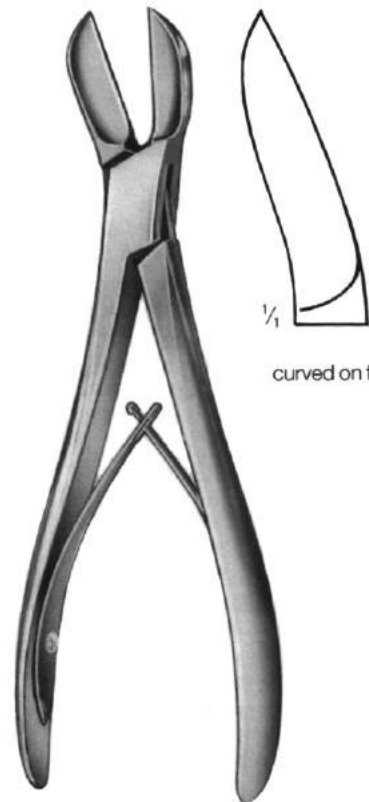
gerade
 straight
 rectas
 droites



17 cm/6 3/4"



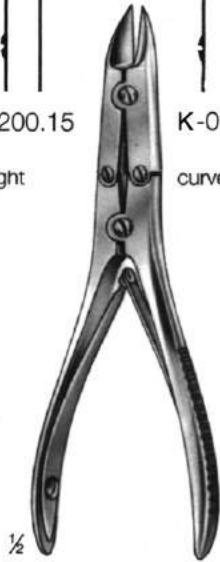
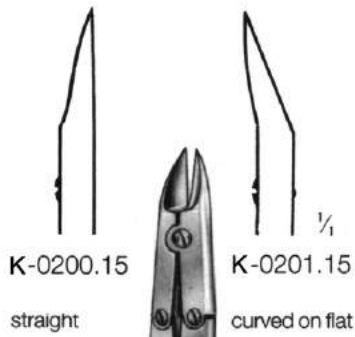
19 cm/7 1/2"
 22 cm/8 3/4"



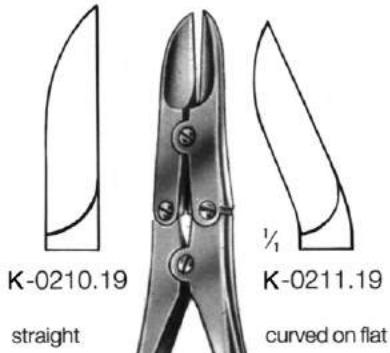
curved on flat

cm	inch.	Liston
14	5 1/2	K-0150.14
17	6 3/4	K-0150.17
19	7 1/2	K-0150.19
22	8 3/4	K-0150.22

cm	inch.	Liston
14	5 1/2	K-0151.14
17	6 3/4	K-0151.17
19	7 1/2	K-0151.19
22	8 3/4	K-0151.22



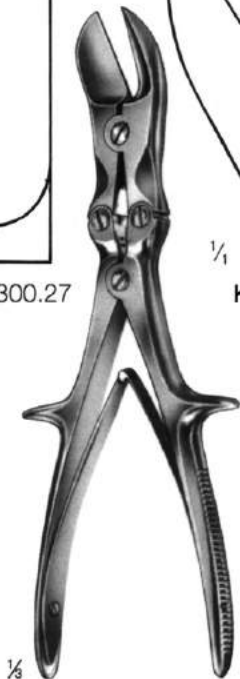
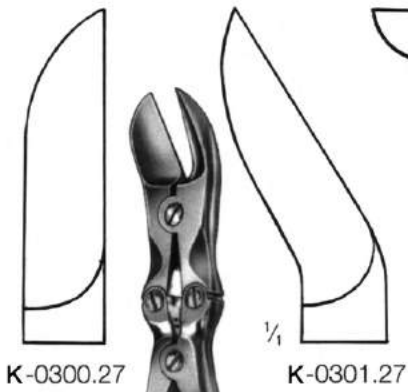
Böhler
15 cm/6"



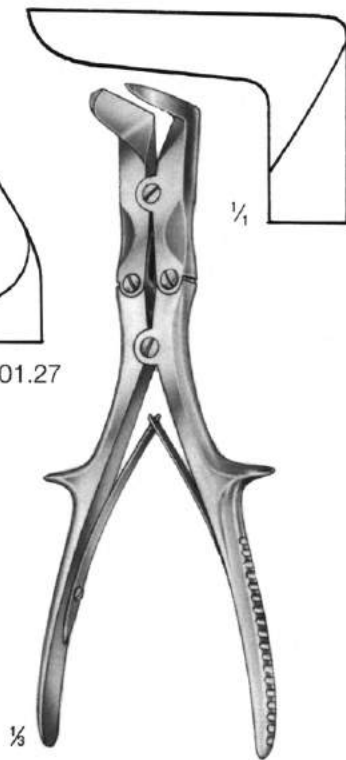
Ruskin-Liston
19 cm/7 1/2"



McIndoe
18 cm/7"
K-0223.17



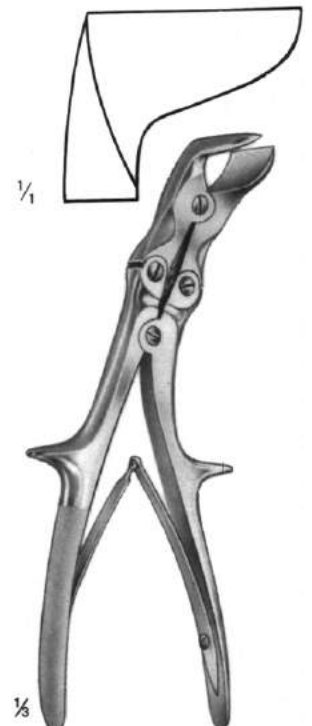
Stille-Liston
27 cm/10 3/4"



Stille-Liston
26 cm/10 1/4"
K-0303.26

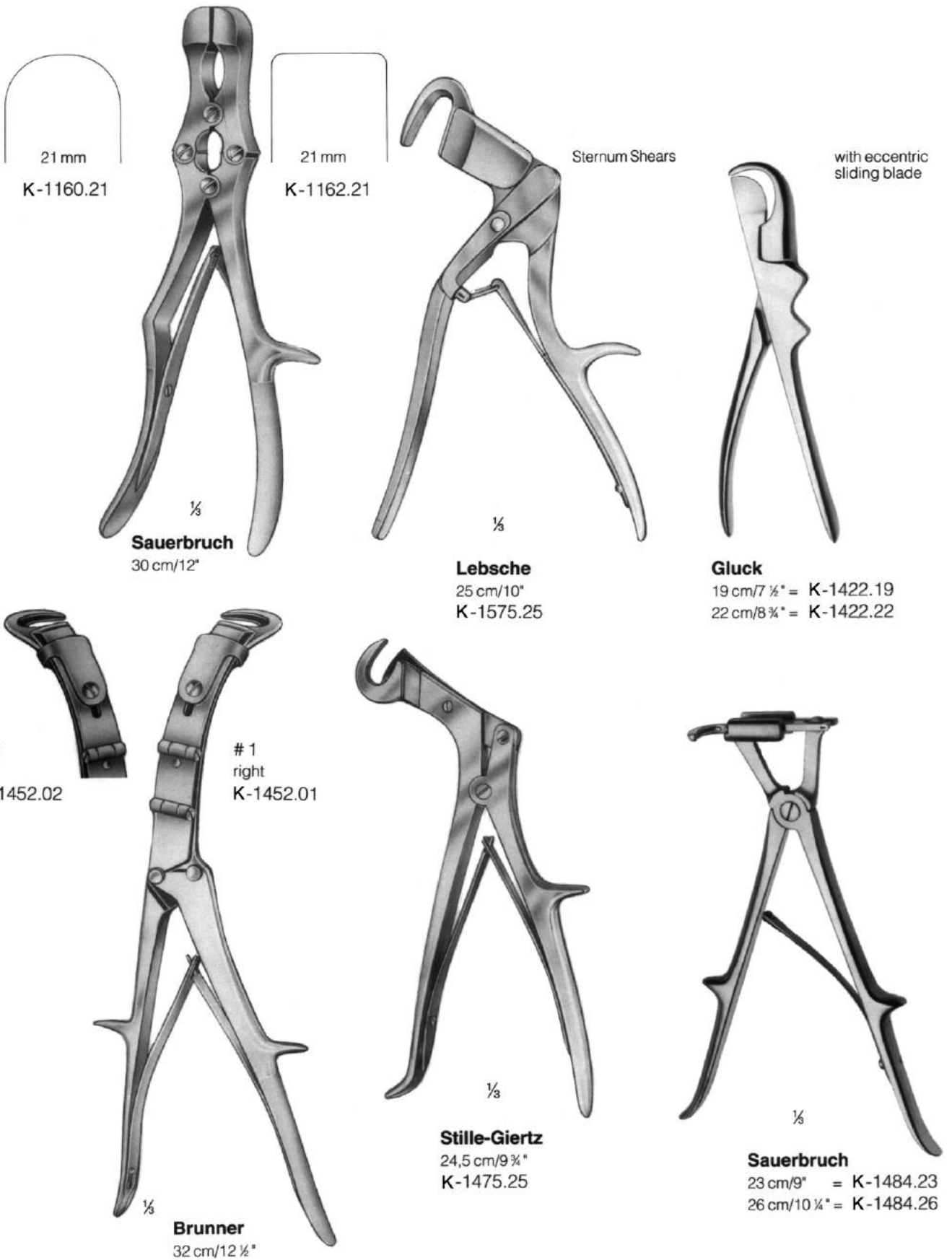


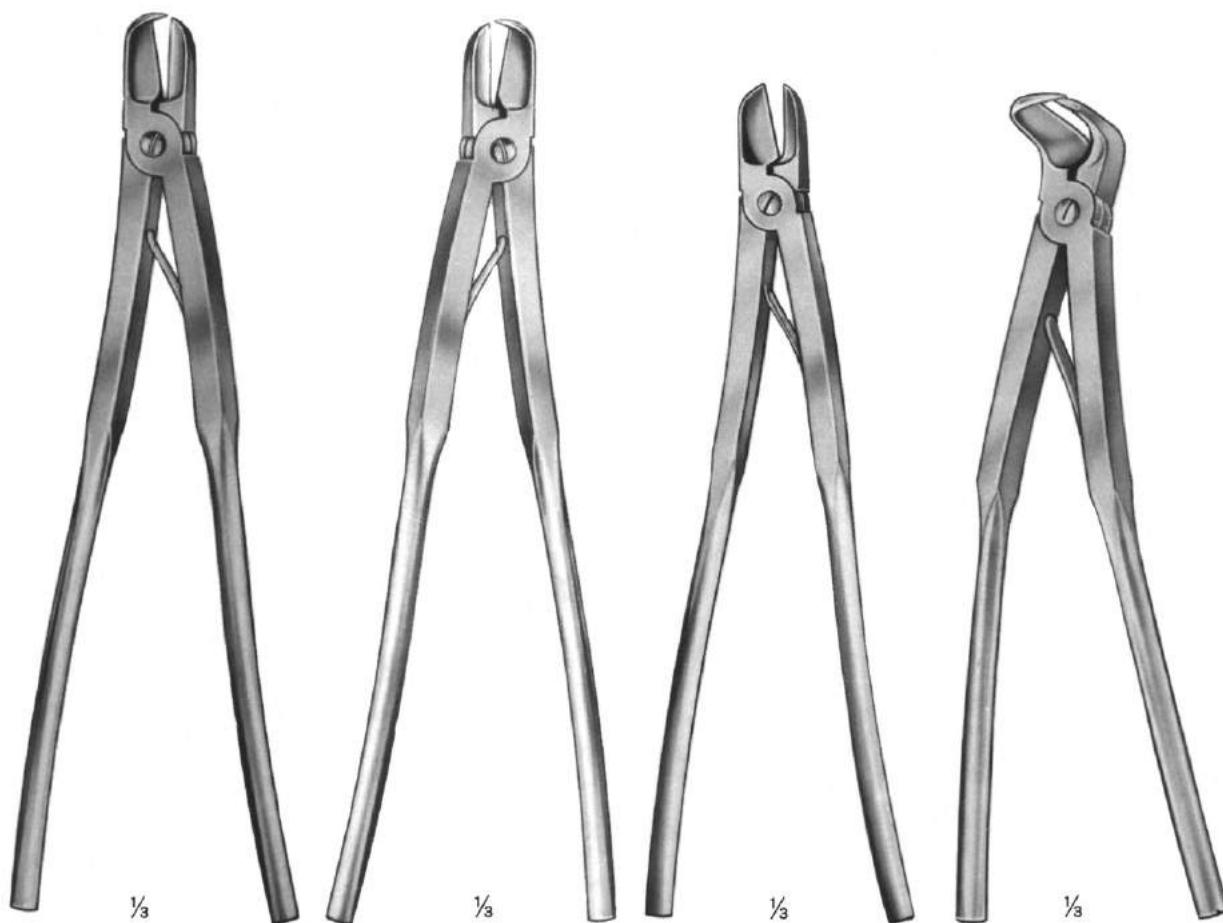
Liston-Key-Horsley
27 cm/10 3/4"
K-0305.27



Semb
23 cm/9"
K-0307.23

Rib shears, sternum shears
Costotomes, cisaille à sternum
Costótomos, tijera de esternón





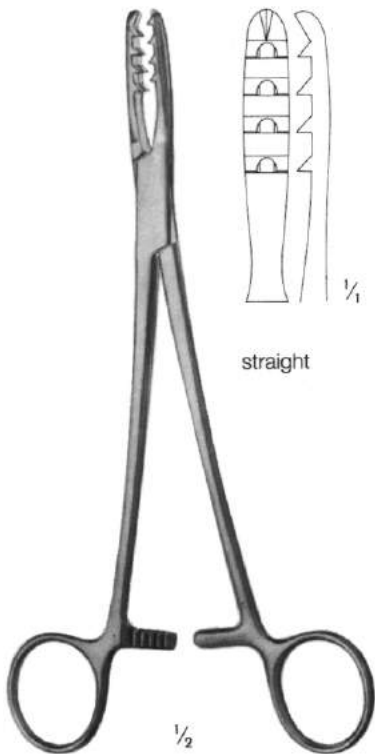
Coryllos-Bethune
35 cm/13 3/4"
K-1535.02

Coryllos-Bethune
35 cm/13 3/4"
K-1535.01

Bethune
34 cm/13 1/2"
K-1540.34

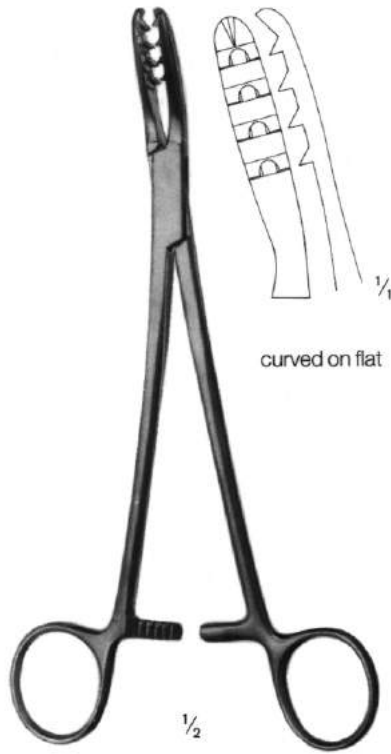
Roos
33 cm/13"
K-1543.33

Meniscus-and cartilage forceps
Pinces à ménisque et à cartilage
Pinzas para meniscos y para cartilagos



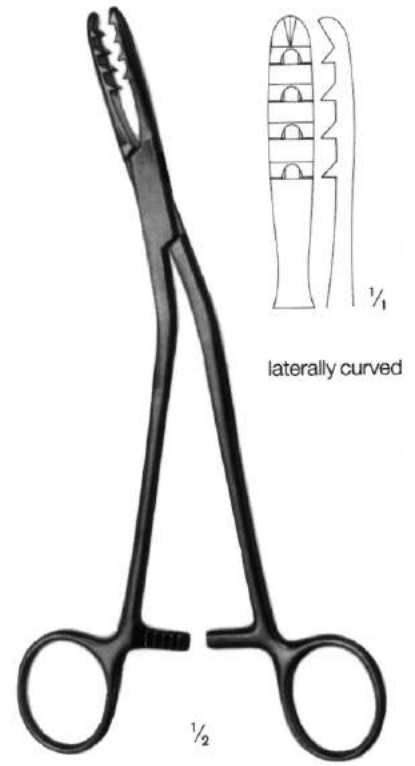
straight

Bircher-Ganske
 20 cm/8"
 K-2002.20



curved on flat

Bircher-Ganske
 20 cm/8"
 K-2003.20



laterally curved

Bircher-Ganske
 20 cm/8"
 K-2005.20

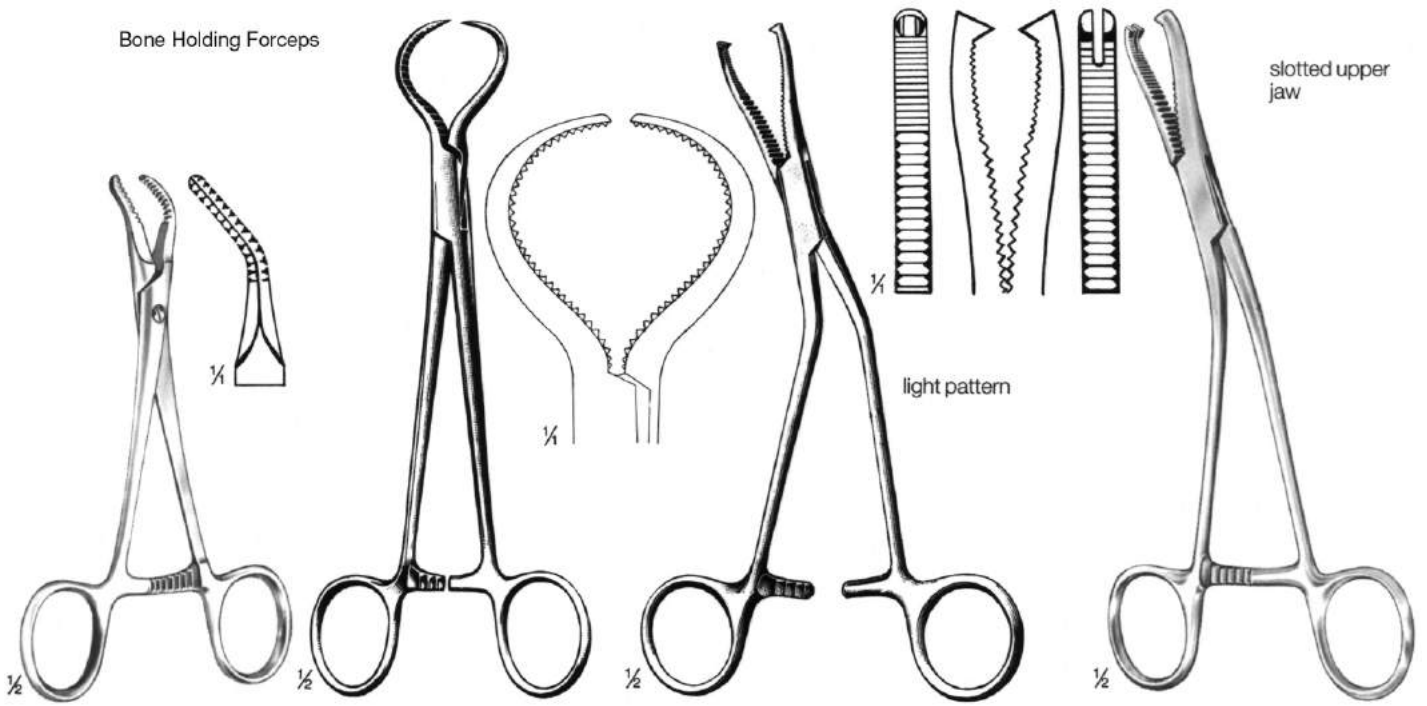


Martin
 16 cm/6 1/4"
 K-2008.16



Martin
 19,5 cm/7 3/4"
 K-2008.19

Bone Holding Forceps



14 cm/5 1/2"
 K-2021.14

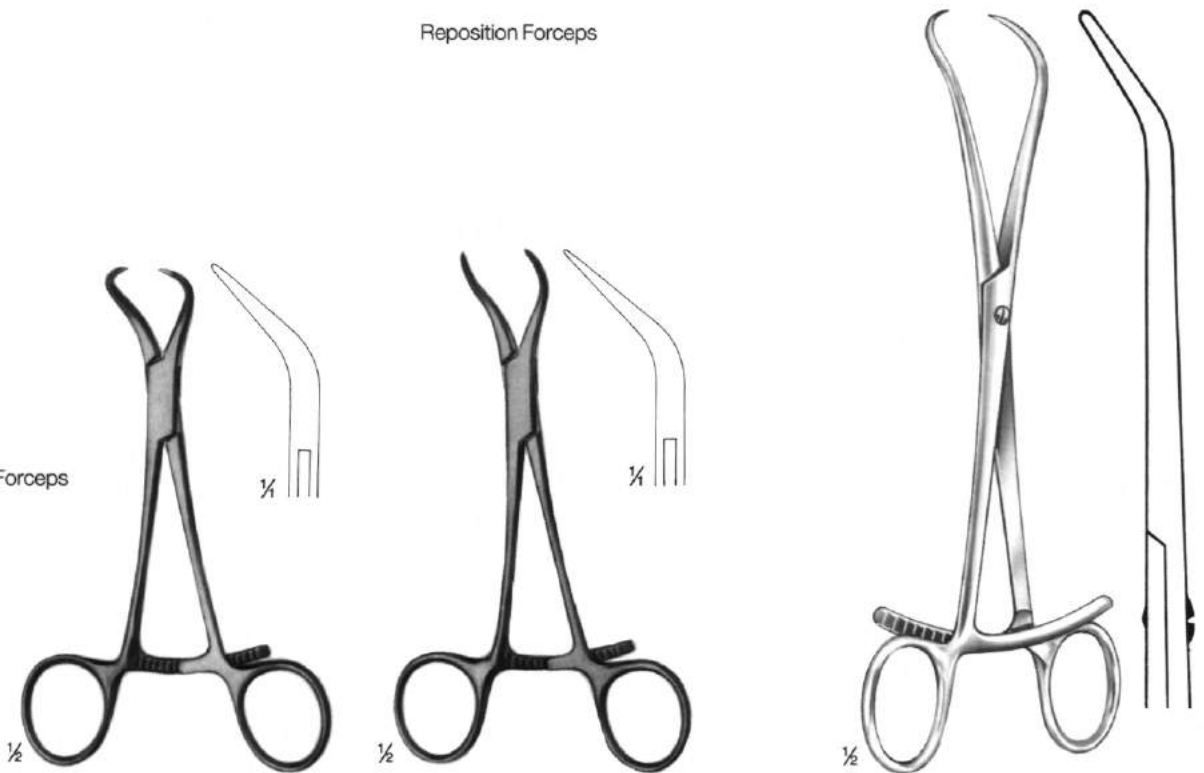
Lewin
 18 cm/7"
 K-2027.18

Dingman
 18,5 cm/7 1/4"
 K-2035.19

Dingman
 18,5 cm/7 1/4"
 K-2037.19

Reposition Forceps

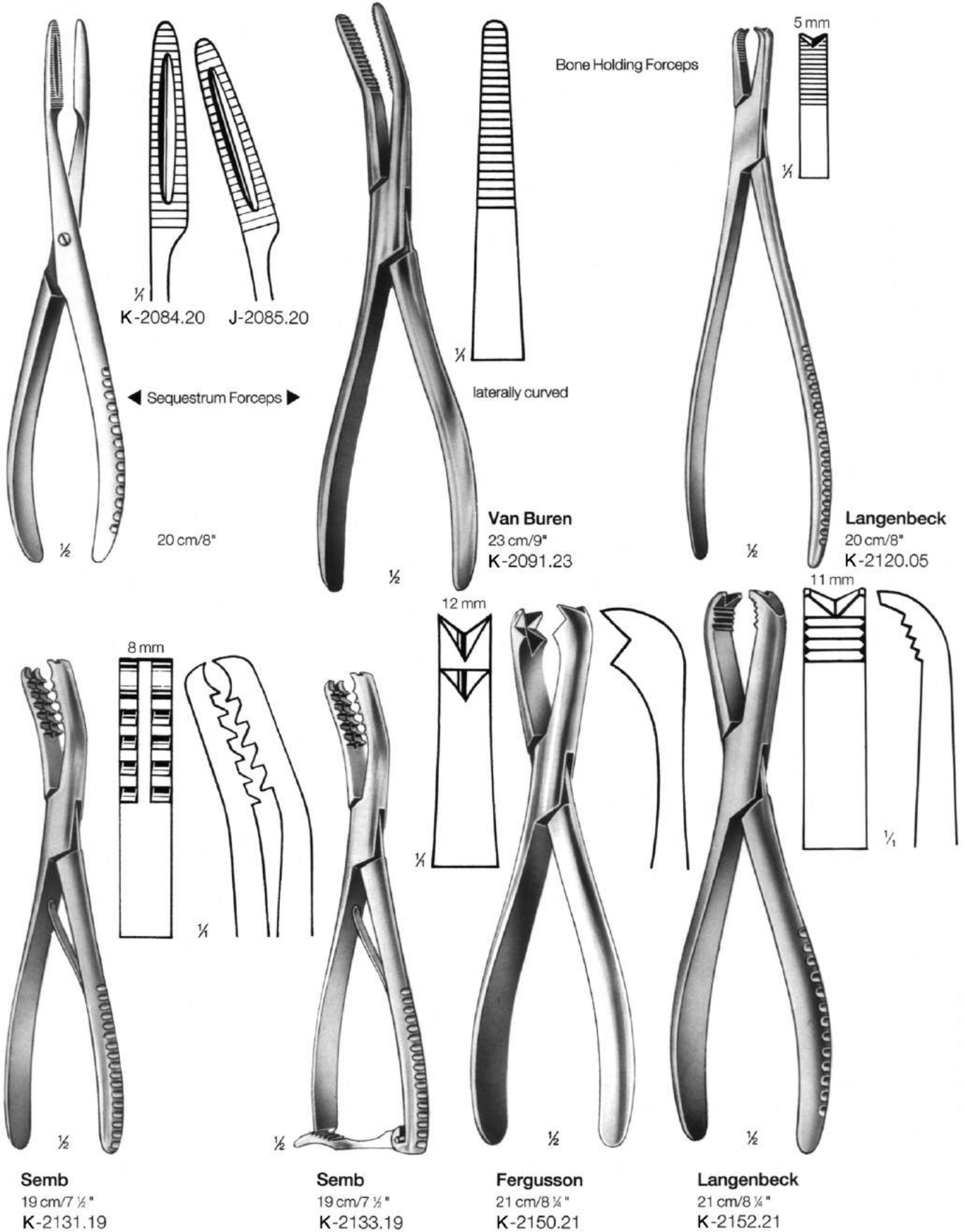
Finger Reposition Forceps

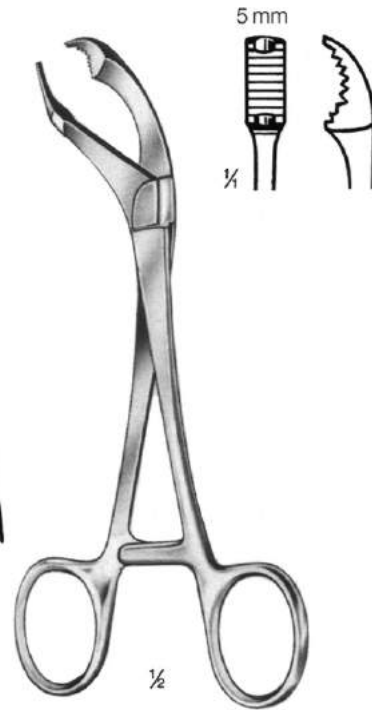
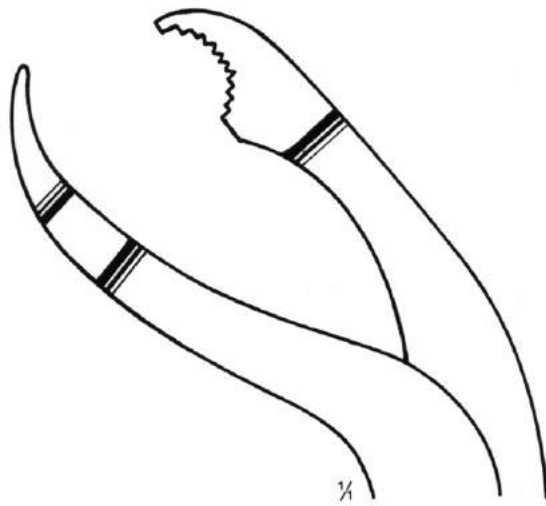


Apart
 13,5 cm/5 1/4"
 K-2041.13

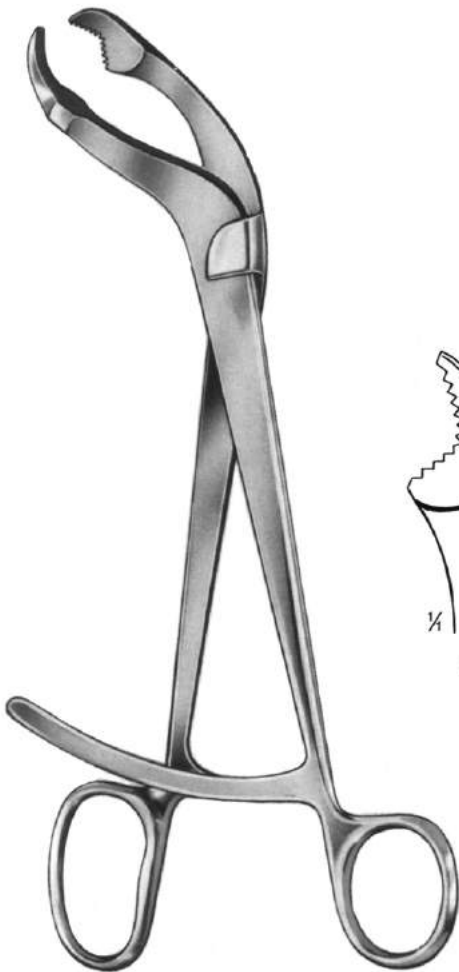
14,5 cm/5 3/4"
 K-2043.14

20 cm/8"
 K-2051.20

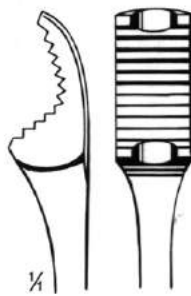




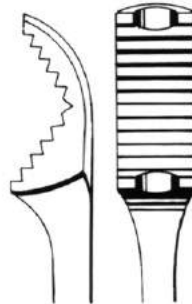
Verbrugge
17,5 cm/6 3/4"
K-2200.17



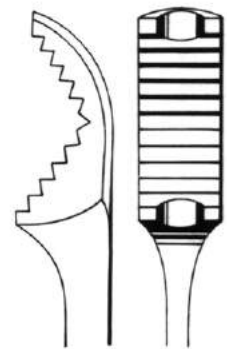
Verbrugge



25 cm/10"
K-2200.25

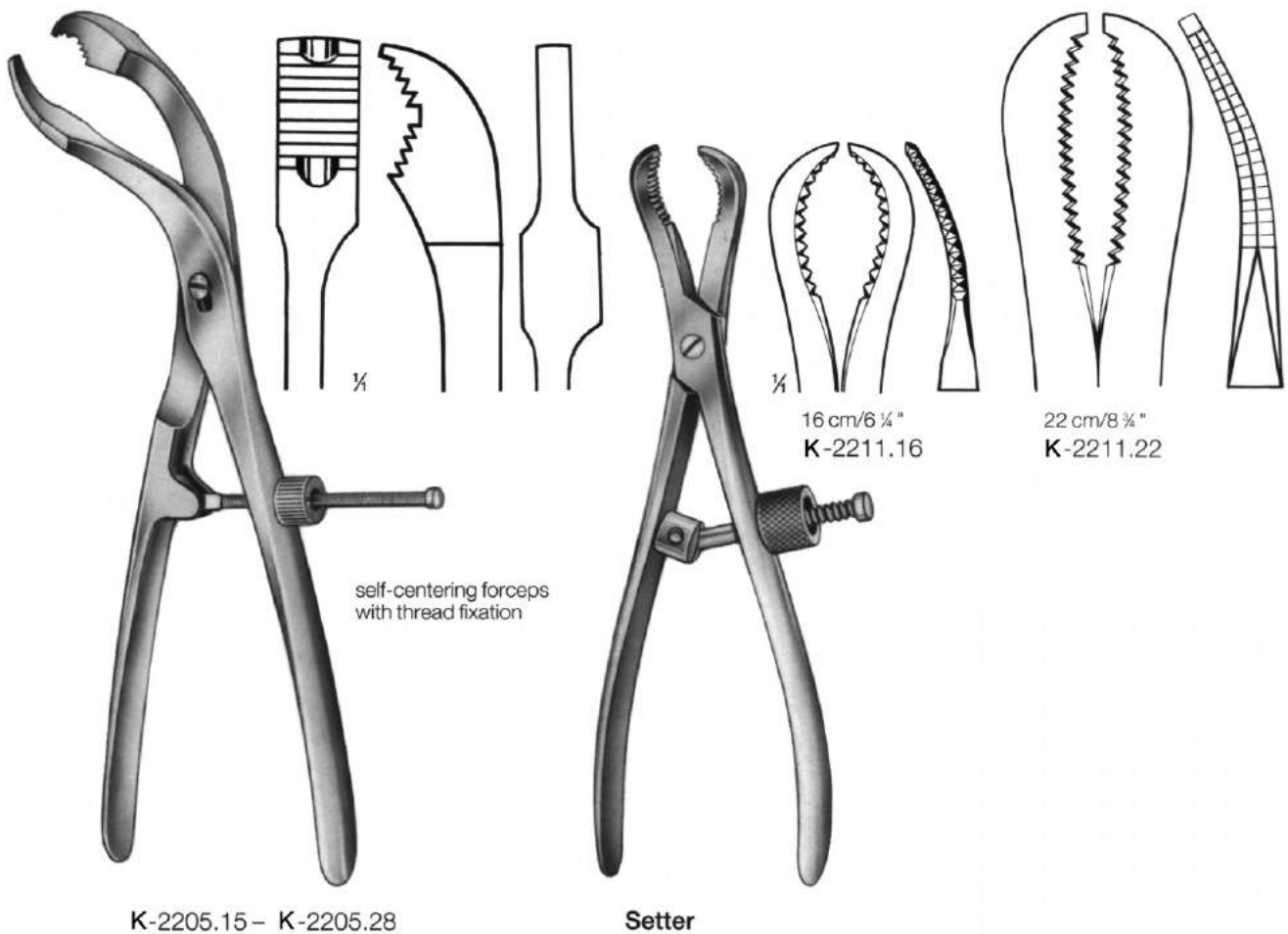
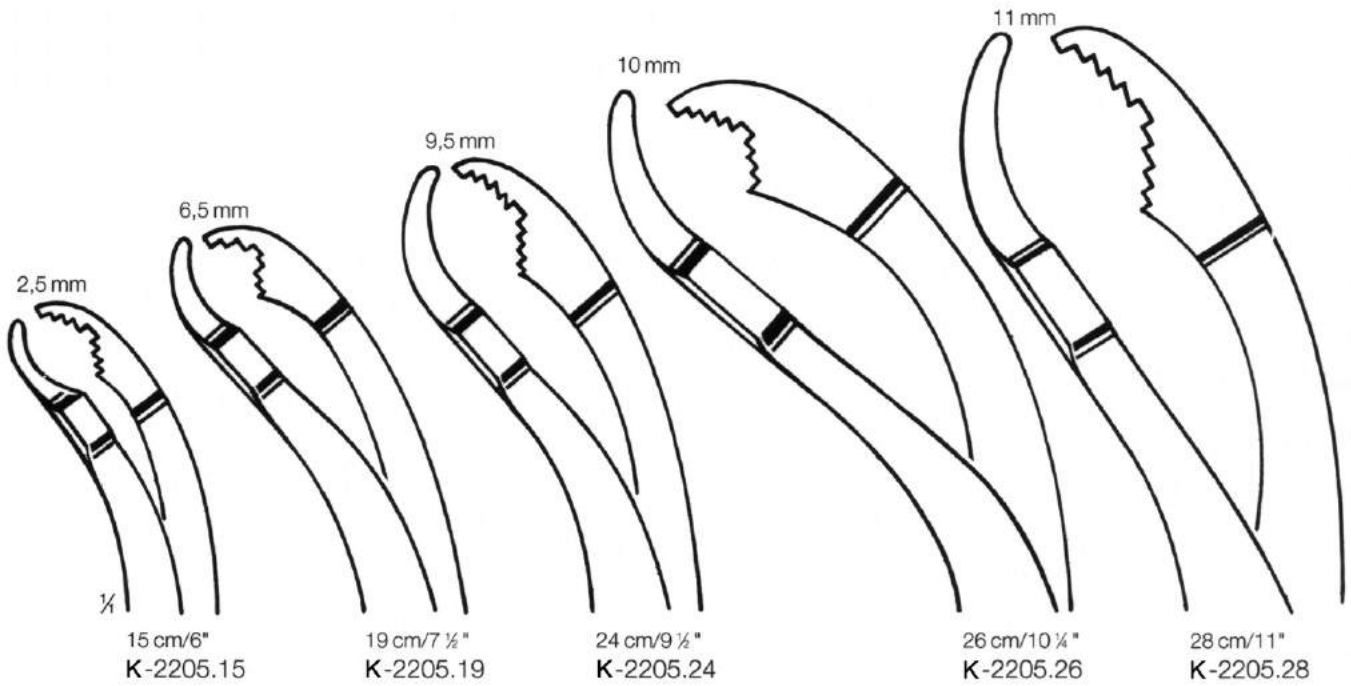


26 cm/10 1/2"
K-2200.26

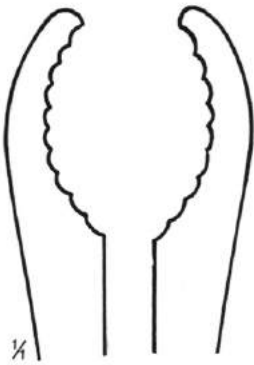


27 cm/11"
K-2200.27

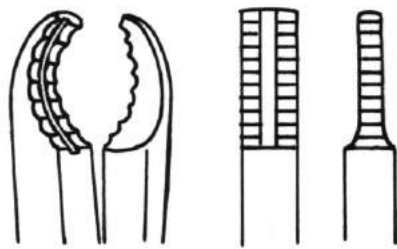
**Bone holding forceps
Daviers
Pinzas para huesos**



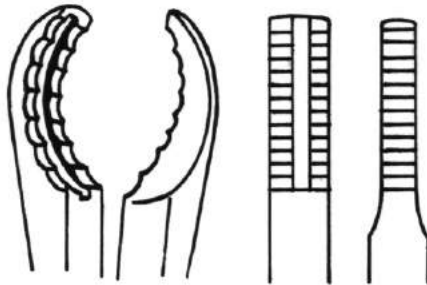
Bone holding forceps
Daviers
Pinzas para huesos



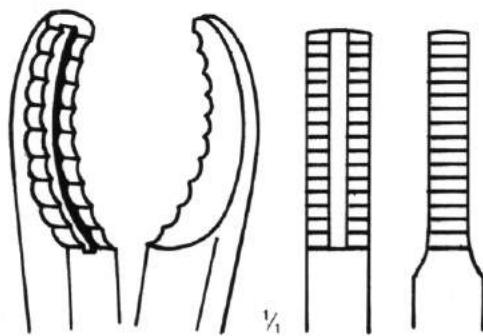
18 cm/7"
 K-2220.18



23 cm/9"
 K-2220.23



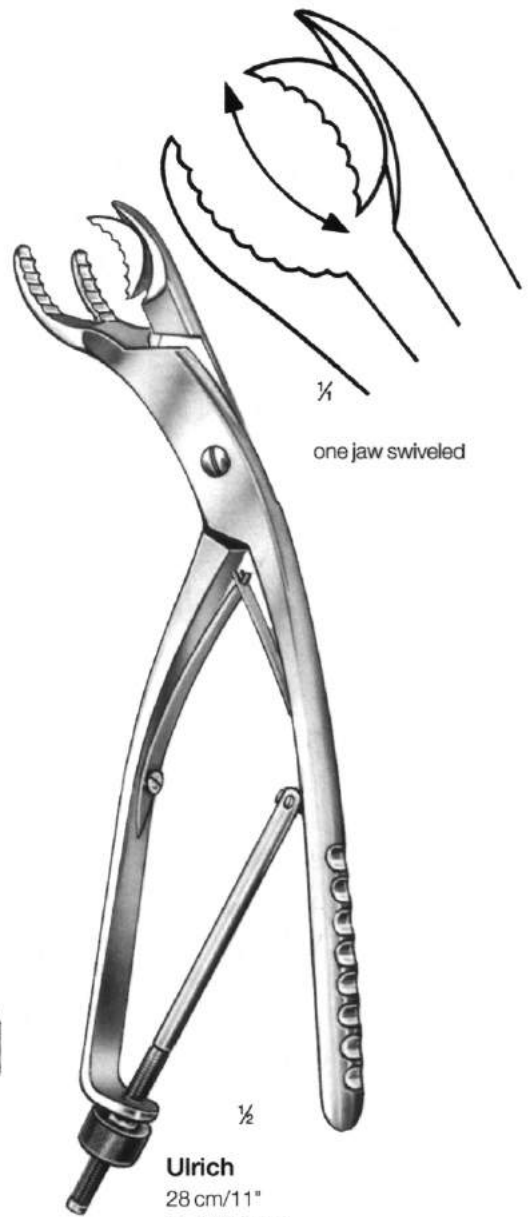
25 cm/10"
 K-2220.25



28 cm/11"
 K-2220.28

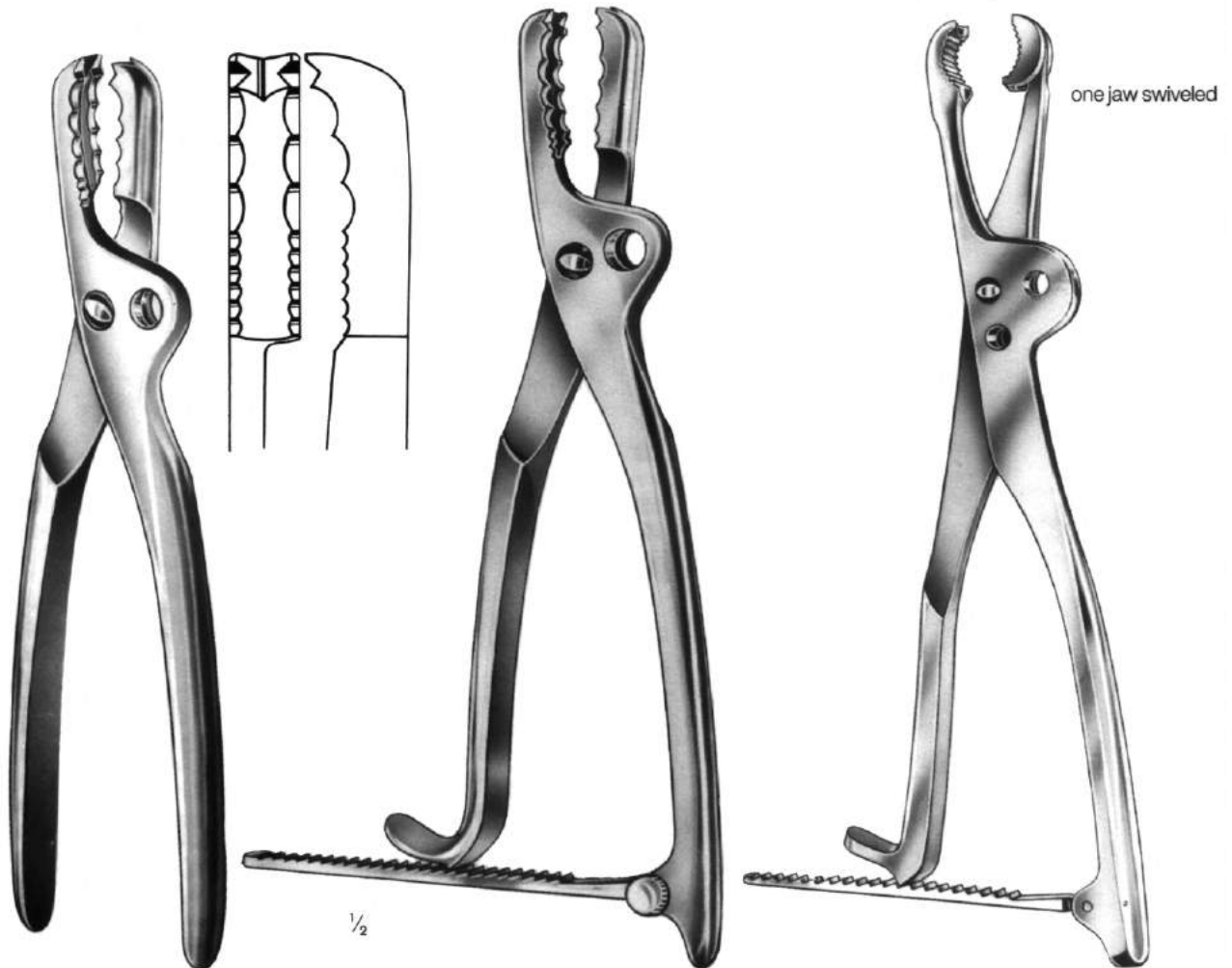
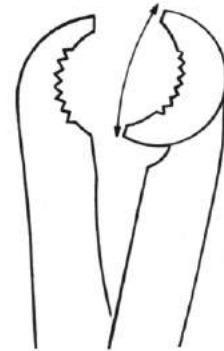


Ulrich



1/4
 one jaw swiveled

Ulrich
 28 cm/11"
 K-2223.28



Farabeuf
K-2310.23 = 23 cm/9"
K-2310.23 = 26 cm/10 ¼"

Farabeuf-Lambotte
26 cm/10 ¼"
K-2315.26

Lambotte
K-2320.22 = 22 cm/8 ¾"
K-2320.27 = 27 cm/10 ½"
K-2320.30 = 30 cm/12"

**Bone holding forceps
Daviers
Pinzas para huesos**

without ratchet



with ratchet



		Kern	Kern
cm	in.		
14	5 ½"	K-2340.14	K-2342.14 (Baby-Kern)
22	8 ¾"	K-2340.22	K-2342.22

without ratchet



with ratchet



Lane

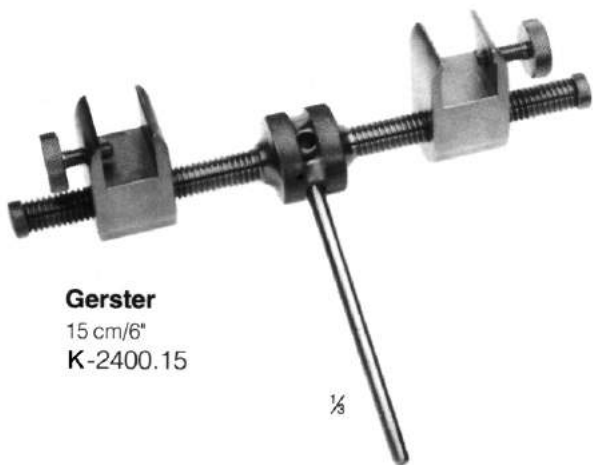
		cm	in.
K-2360.33		33	13
K-2360.43		43	17

Lane

K-2362.33
K-2362.43

Bone clamps, nail extracting forceps
Daviers, pince pour extraire les ongles
Pinzas porta-huesos, pinza para arrancar uñas

Traction bar (Turnbuckle)



Gerster
 15 cm/6"
 K-2400.15

1/8



1/2

Lowman

cm	inch.	
12	4 3/4	K-2410.12
18	7	K-2410.18
20	8	K-2410.20
22	8 3/4	K-2410.22



1/2

Lowman-Hoglund

18 cm/7"
 K-2420.18



1/2

Lowman Modif.

cm	inch.	
12	4 3/4	K-2430.12
18	7	K-2430.18
20	8	K-2430.20

Nail extracting forceps



1/2

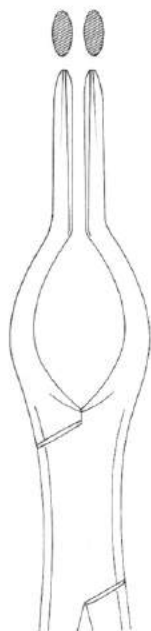


1/4

Radolf
 14 cm/5 1/2"
 K-2494.14

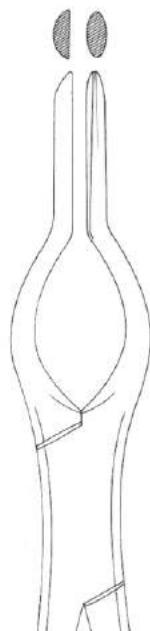


23 cm / 9"



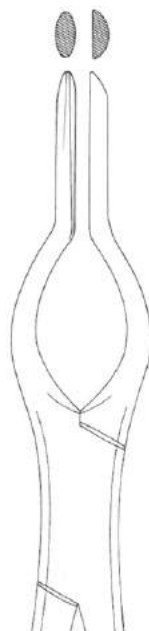
Universal

Cottle-Walsham
K-2523.00



left

Walsham
K-2523.01

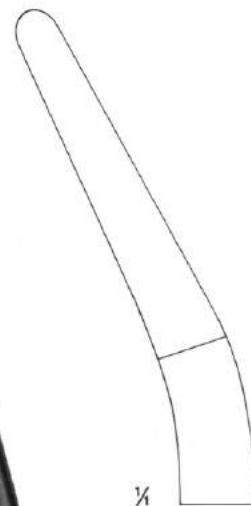


right

Walsham
K-2523.02



Asch
23 cm / 9"
K-2531.23



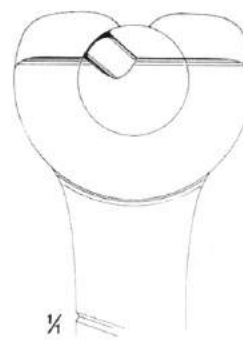
14 cm / 5 1/2"
K-3010.14



17 cm / 6 3/4"
K-3020.17



16 cm / 6 1/4"
K-3702.16



Wire Saws, braided, untearable



soldered

coarse, 4 wires twisted

fine, 6 wires twisted

cm inch.

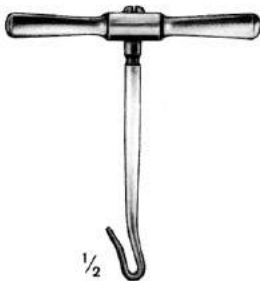
30	12	K-1400.30	K-1404.30	K-1406.30
40	15½	K-1400.40	K-1404.40	K-1406.40
50	19¾	K-1400.50	K-1404.50	K-1406.50
60	23½	K-1400.60	K-1404.60	K-1406.60
70	27½	K-1400.70	K-1404.70	K-1406.70

Olivecrona

Gigli

Gigli

Hook Handle, turnable, for wire saws



½

Gigli

K-1431.61

Conductors

malleable

elastic (flexible)



½

Lebsche

25 cm/10"

K-1420.25



½

DeMartel (Bailey)

33 cm/13"

K-1422.33

Handbohrapparate Bone Hand Drills Perforateurs a main



Brace
L-0510.90

Hudson
27 cm/10.8"
L-0510.00

Complete set including



9 mm
L-0514.09



14 mm
L-0514.14



16 mm
L-0514.16



22 mm
L-0514.22



14 mm
L-0530.14



Extension Piece
L-0512.09



16 mm
McKenzie
L-0519.17



2.4 mm
Adson
L-0532.24



13 mm
McKenzie
L-0518.13



16 mm
Derrico
L-0518.16

L-0510.90 , L-0514.09 , L-0514.14 , L-0514.16 , L-0514.22 & L-0512.09



Kirschner
L-2500.00
Complete



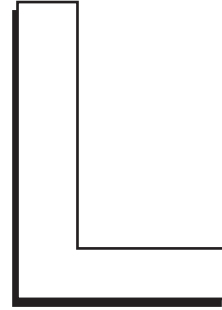
L-2502.00
Telescopic wire drill guide



L-2600.00
Complete

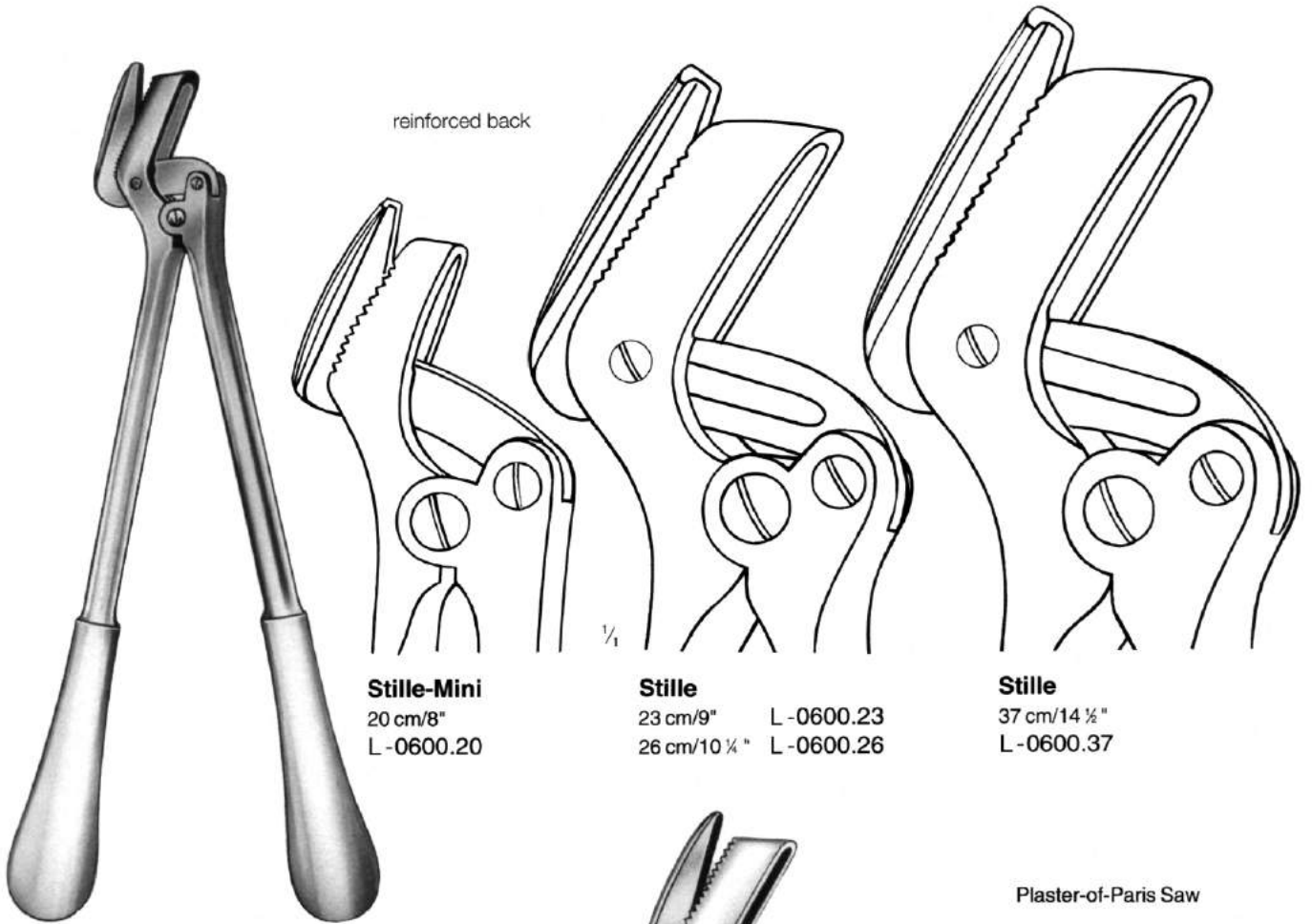


L-2602.00
Telescopic wire drill guide



- Bone surgery, orthopedics
- Chirurgie osseuse, orthopédie
- Cirugía ósea, ortopedía

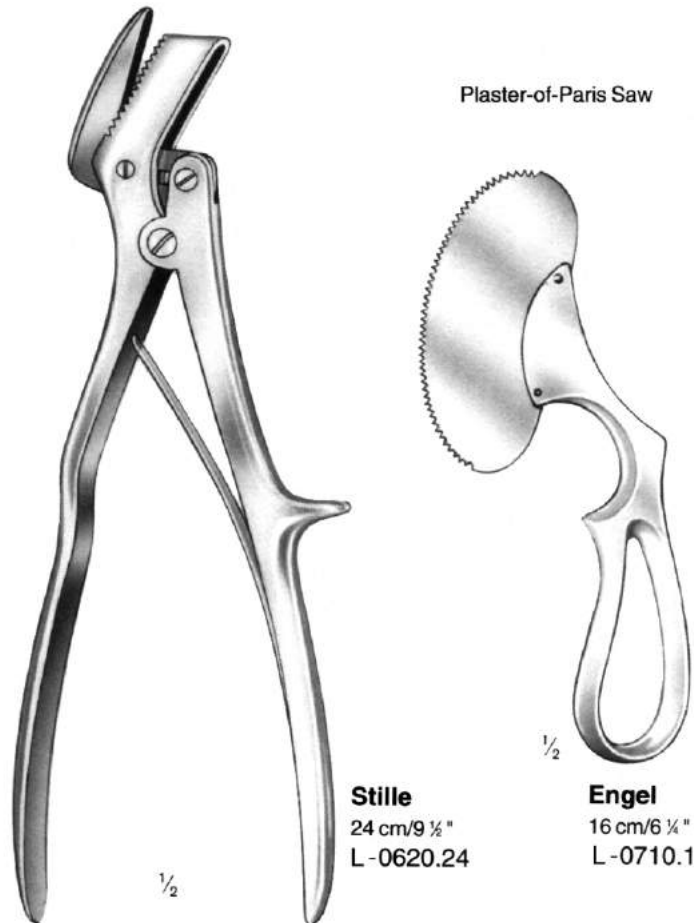
Plaster shear, plaster saw
Cisailles pour appareils plâtrés, scie à main à plâtres
Cizallas para vendajes enyesados, sierra de mano para yeso



Stille-Mini
 20 cm/8"
 L-0600.20

Stille
 23 cm/9" L-0600.23
 26 cm/10 1/4" L-0600.26

Stille
 37 cm/14 1/2"
 L-0600.37



Stille
 24 cm/9 1/2"
 L-0620.24

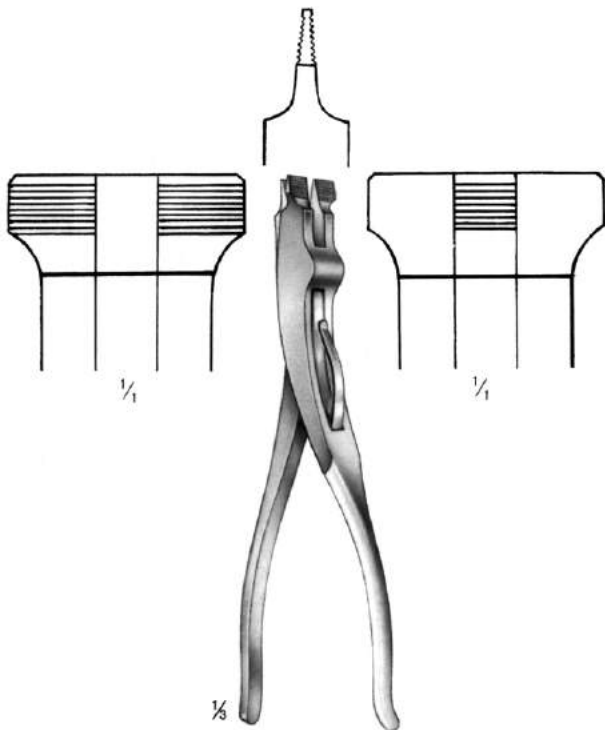
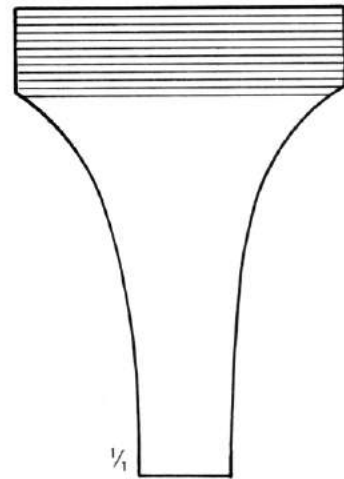
Engel
 16 cm/6 1/4"
 L-0710.16



Haglund-Stille
 28 cm/11"
 L-0920.28



Hennig
 28 cm/11"
 L-0924.28

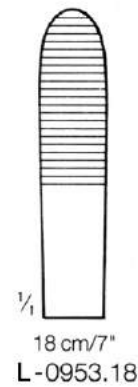


Mod. USA
 23 cm/9"
 L-0930.23

Plaster Breakers



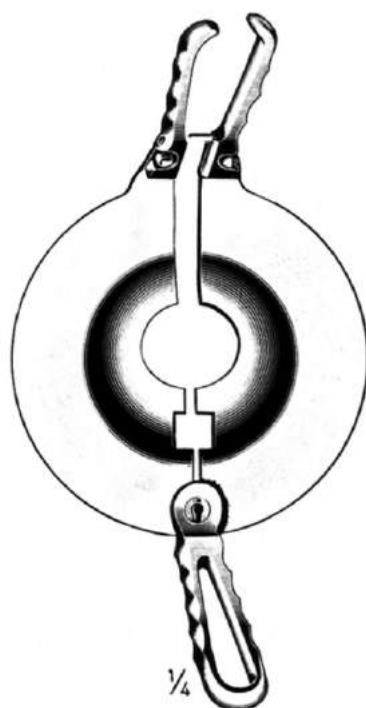
Wolff



18 cm/7"
 L-0953.18

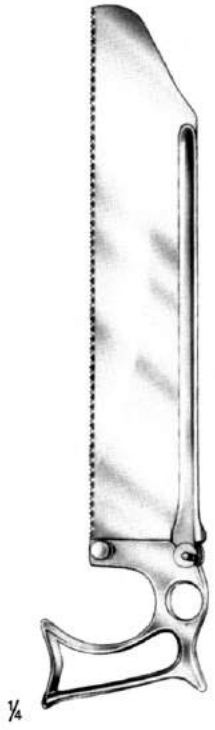


24 cm/9 1/2"
 16-0953.24



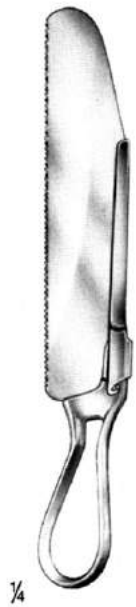
simple pattern, detachable handles

Percy
L-1100.10



spare saw blade
L-1220.77

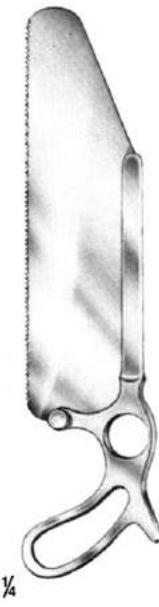
Weiss
37 cm / 14 1/2"
L-1220.37



spare saw blades
18 cm / 7"
L-1230.78
20 cm / 8"
L-1230.80

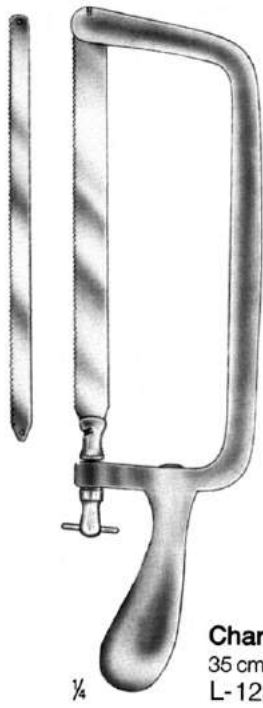
Charrière

cm	inch	
27	10 3/4	L-1230.27
30	12	L-1230.30



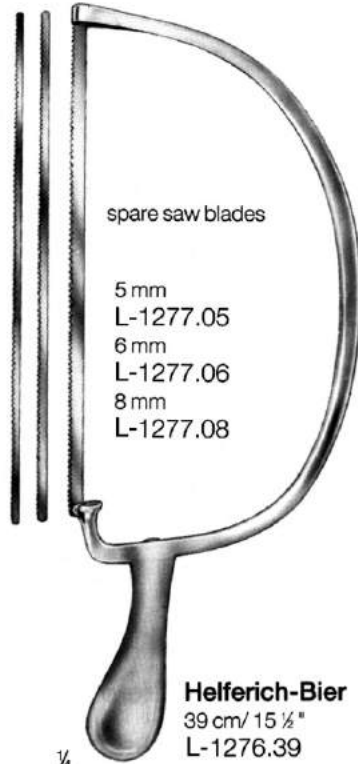
spare saw blade
19 cm / 7 1/2"
L-1235.79

Satterlee
29 cm / 11 1/2"
L-1235.29



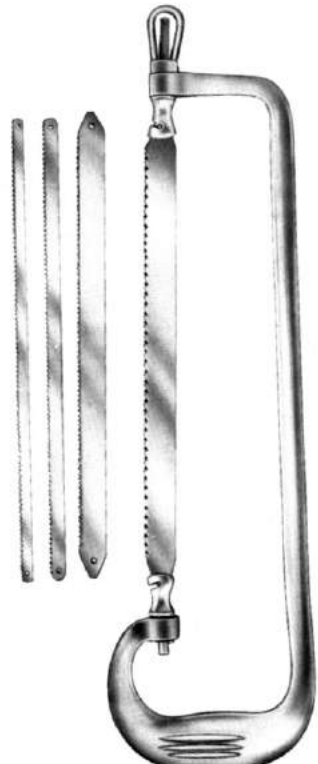
spare saw blades
12 mm
L-1251.12
15 mm
L-1251.15
18 mm
L-1251.18

Charrière
35 cm / 13 3/4"
L-1250.35



spare saw blades
5 mm
L-1277.05
6 mm
L-1277.06
8 mm
L-1277.08

Helferich-Bier
39 cm / 15 1/2"
L-1276.39



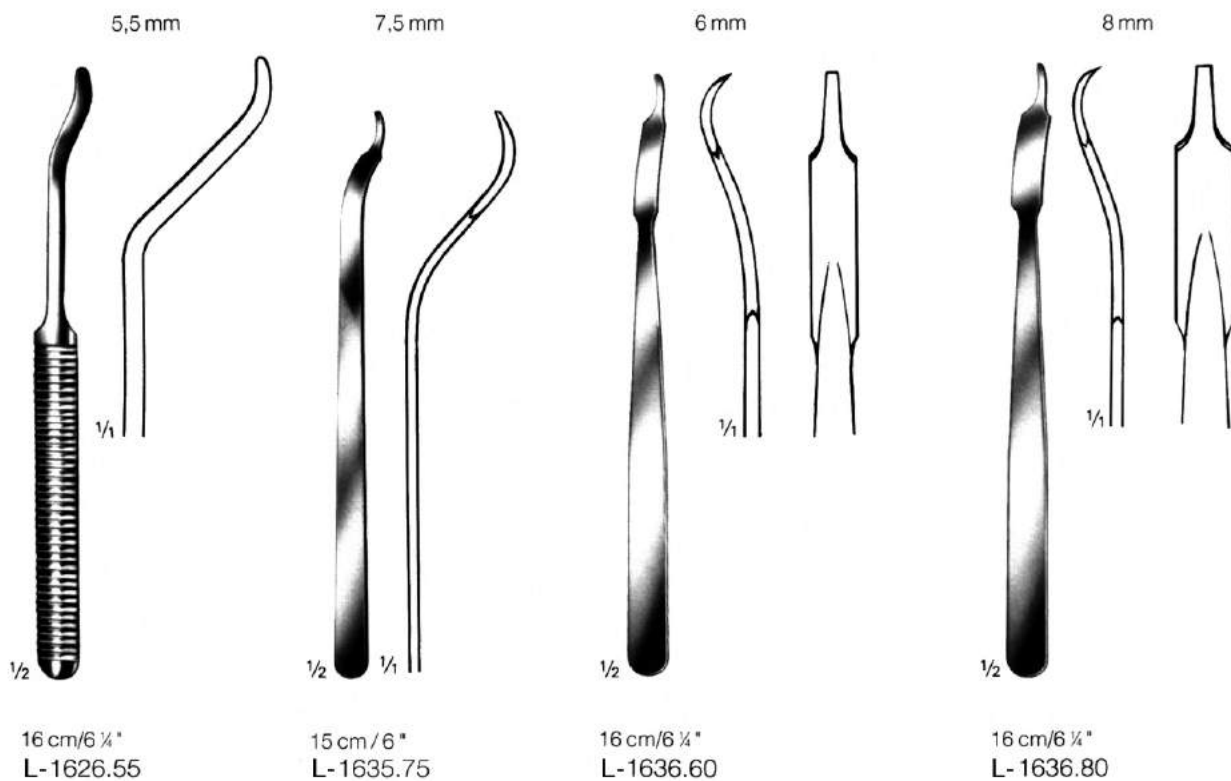
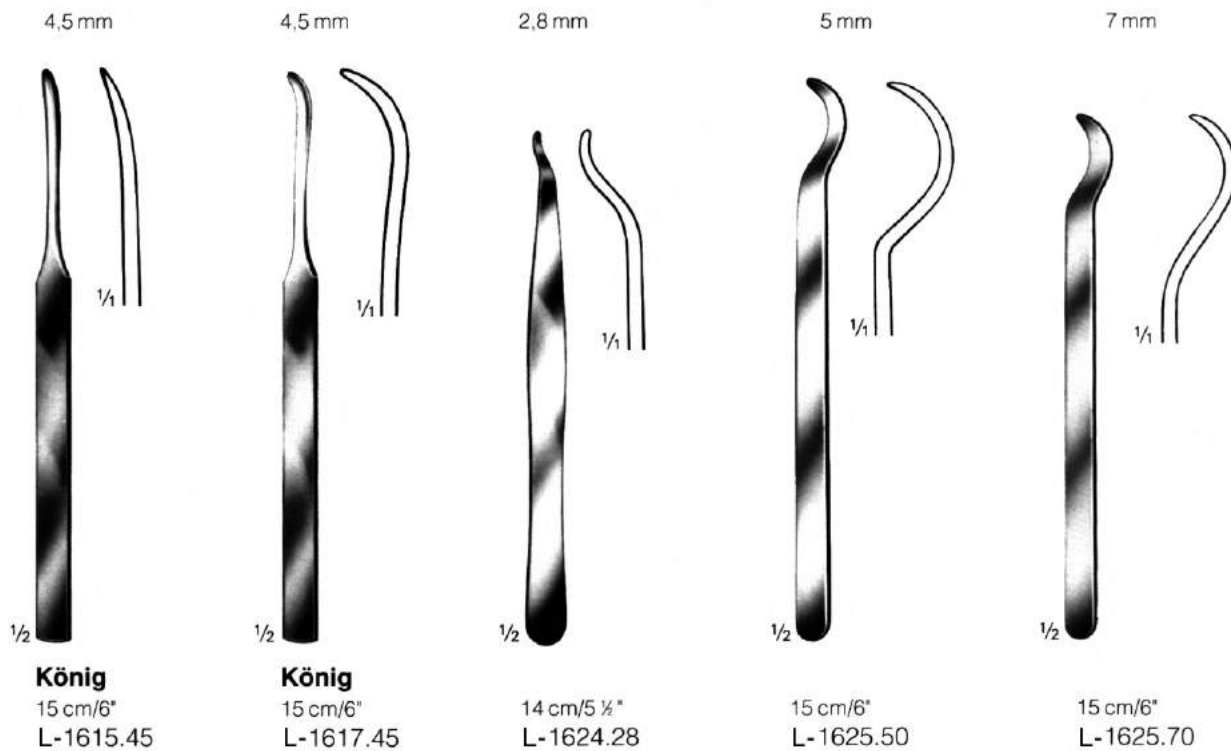
spare saw blades
6 mm
L-1281.06
8 mm
L-1281.08
15 mm
L-1281.15
18 mm
L-1281.18

Rust
39 cm / 15 1/2"
L-1280.39

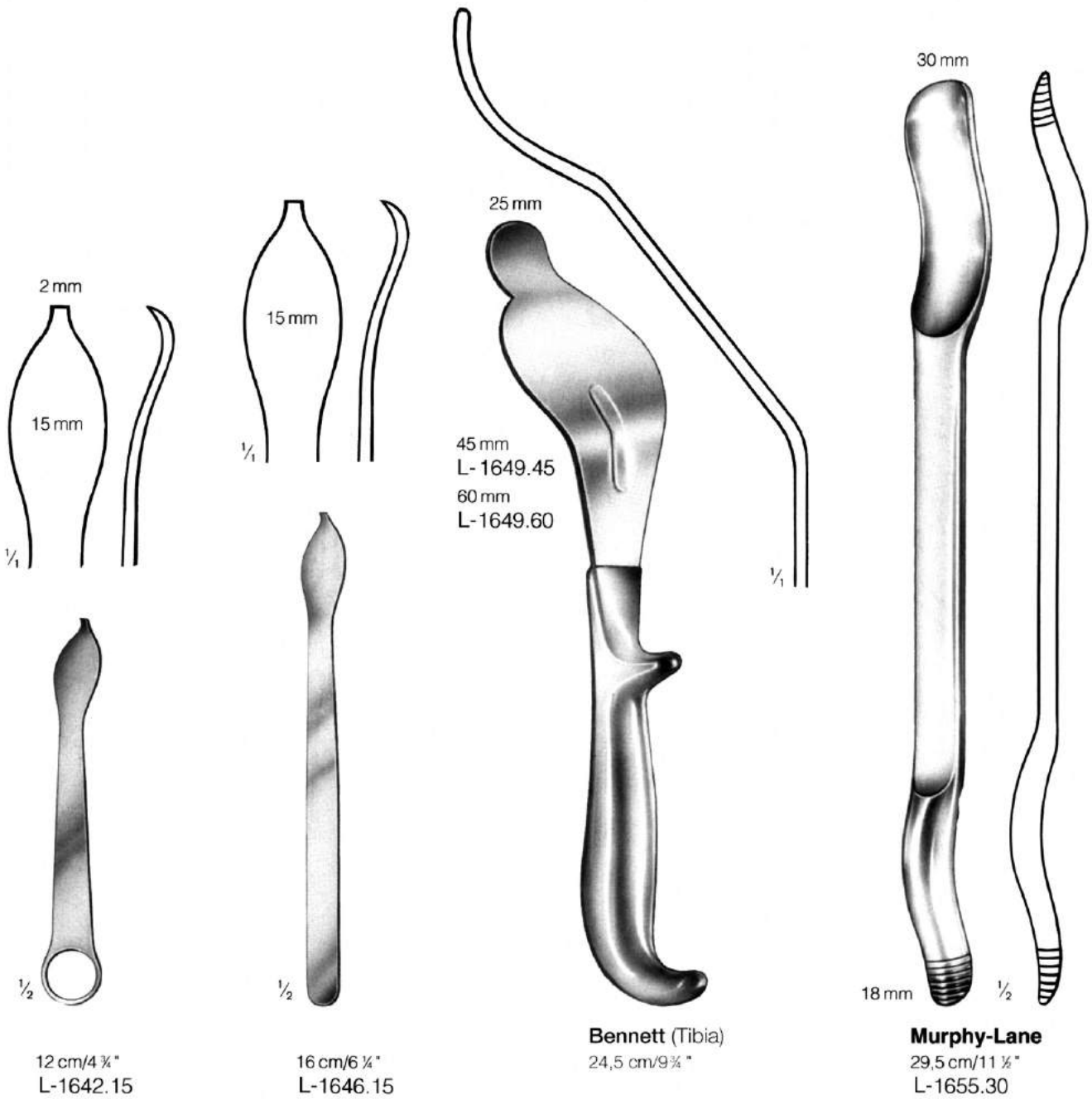
with 2 saw blades, 12 m and 18 mm wide

with 1 each saw blade 5, 6 and 8 mm

with 1 each saw blade 6, 8, 15 and 18 mm



Luxation Lever (Bone Skid)



8 mm

18 mm

43 mm

70 mm



Hohmann
 22 cm/8 1/2"
 L-1660.08

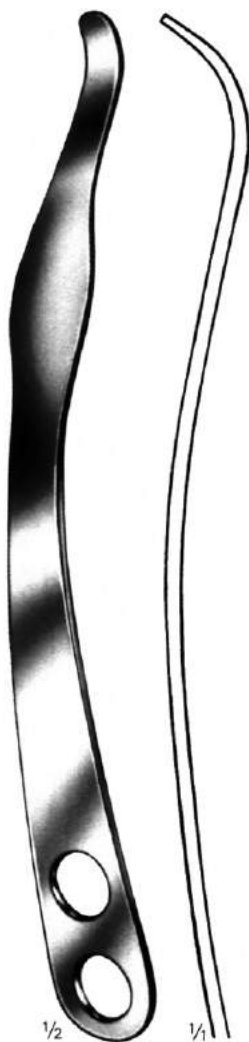
Hohmann
 24 cm/9 1/2"
 L-1660.18

Hohmann
 24 cm/9 1/2"
 L-1660.43

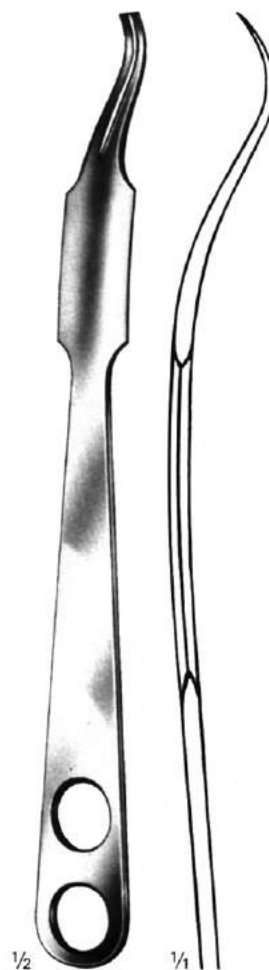
Hohmann
 24 cm/9 1/2"
 L-1660.70

24 mm

22 mm



26,5 cm/10 5/8*
L-1664.24



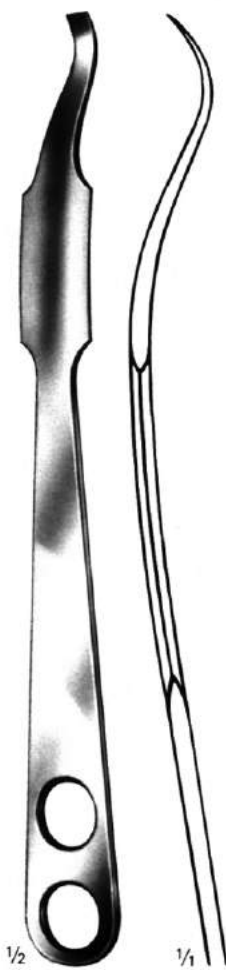
Lange-Hohmann
26 cm/10 1/4*
L-1665.22

43 mm



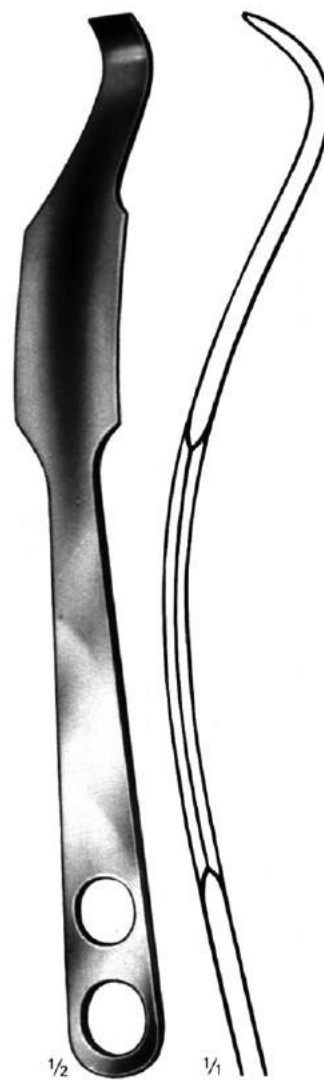
Hohmann
 24,5 cm/9 3/4"
 L-1661.43

22 mm

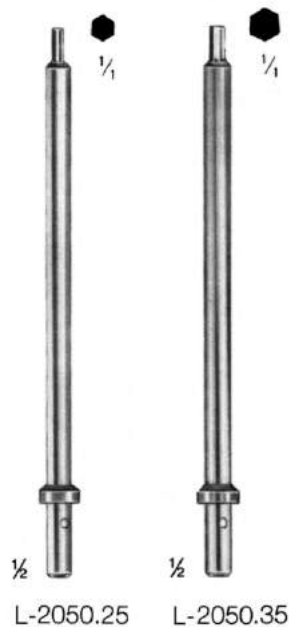
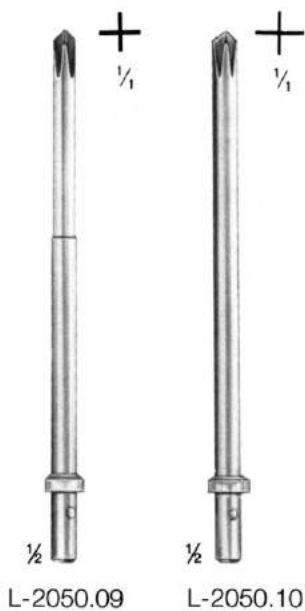
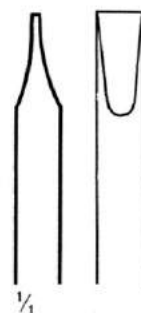
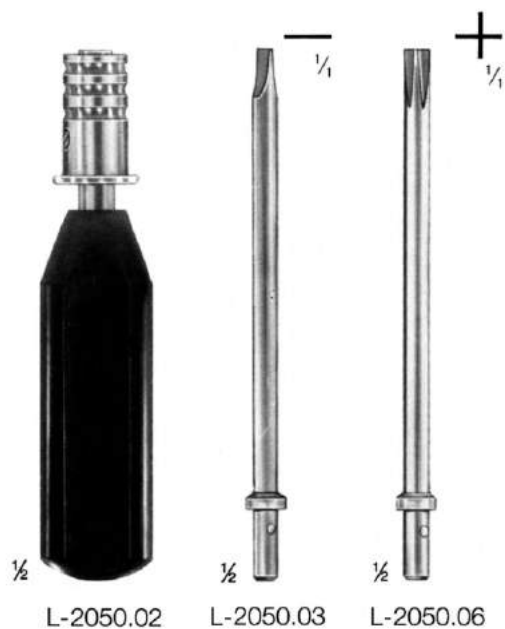


Hohmann
 26 cm/10 1/4"
 L-1662.22

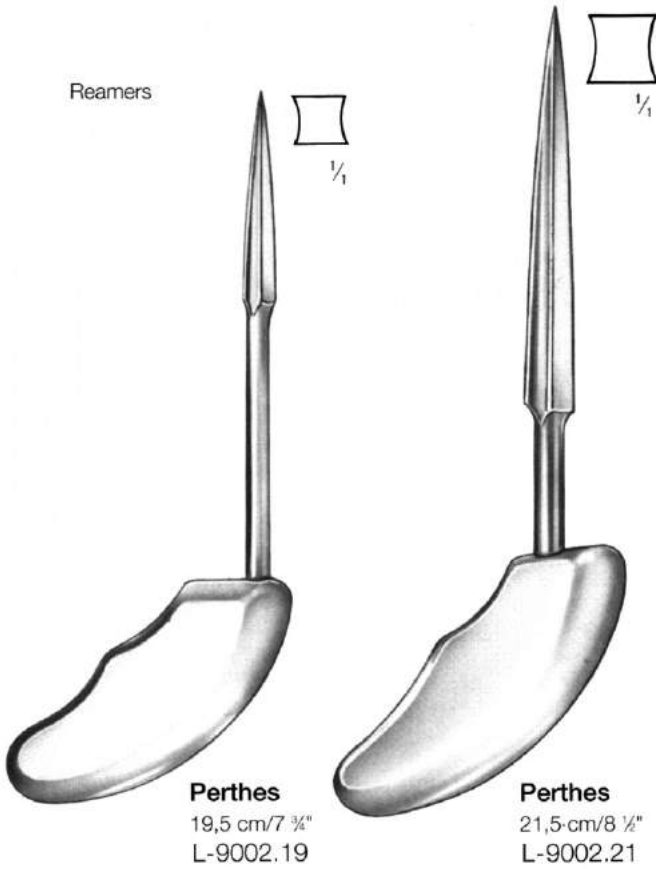
33 mm



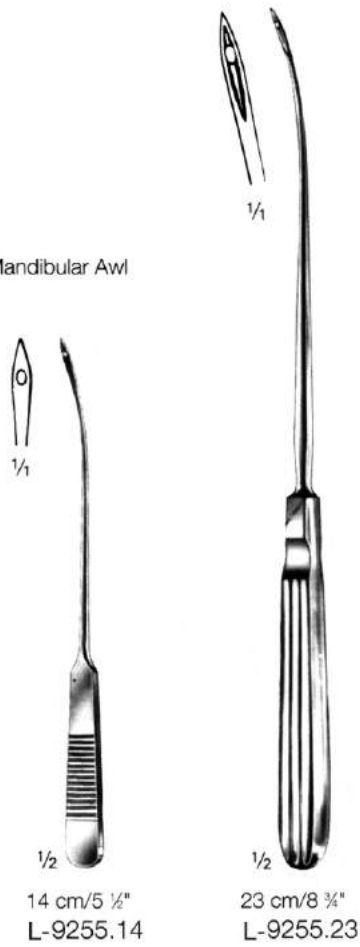
Hohmann
 28 cm/11"
 L-1662.33



Reamers



Mandibular Awl



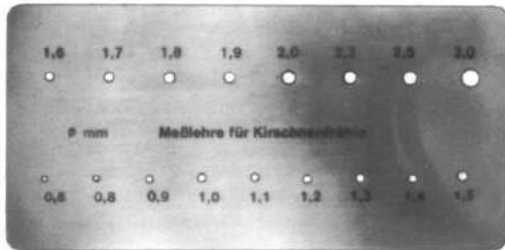
Maxillary Awl



Bone Wire

Bone Wire Guides

soft



1/2

L-9206.30



1/2

Ø mm	
0.2	L-9210.02
0.3	L-9210.03
0.4	L-9210.04
0.5	L-9210.05
0.6	L-9210.06
0.7	L-9210.07
0.8	L-9210.08
0.9	L-9210.09
1.0	L-9210.10
1.2	L-9210.12
1.5	L-9210.15

SMO steel wire
in coils of 10 m



1/2

Demel
28 cm/11"

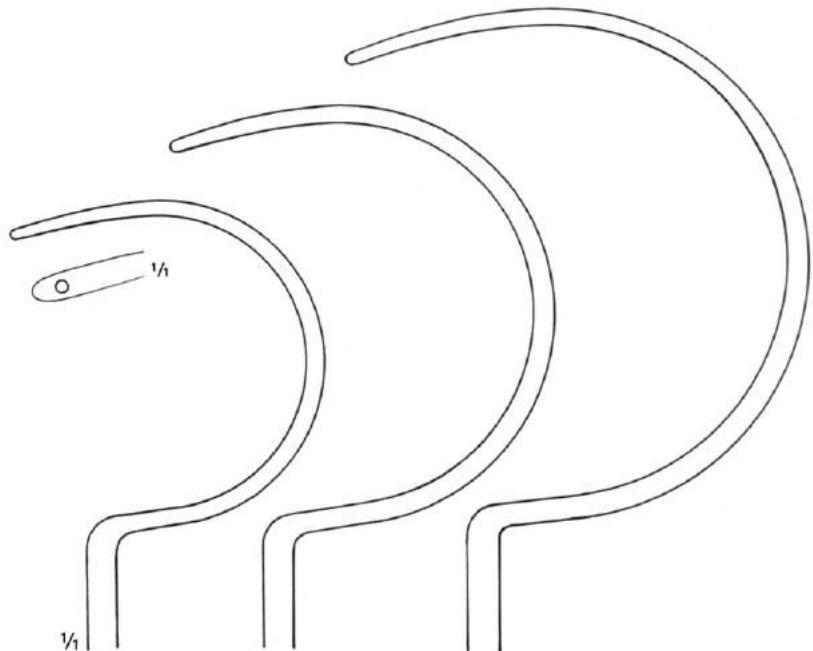
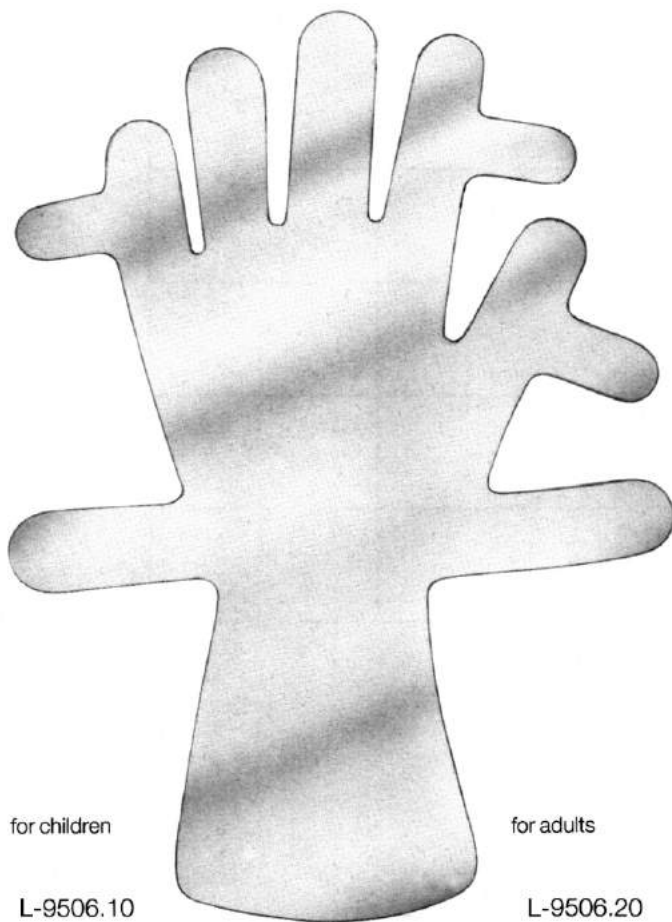


Fig. 1
L-9228.01

Fig. 2
L-9228.02

Fig. 3
L-9228.03

Lead Hands



for children

L-9506.10

for adults

L-9506.20

Metacarpal Saw



½

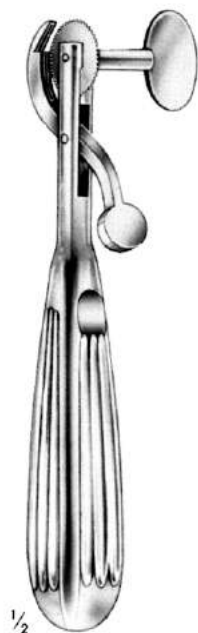
Langenbeck

23 cm/9"

L-9508.23

Length of blade


115 mm



$\frac{1}{2}$
16 cm/6 $\frac{1}{4}$ "
L-7610.16



$\frac{1}{2}$
17 cm/6 $\frac{3}{4}$ "
L-7620.17



N

- Otolology, rhinology, tonsillectomy
- Otologie, rhinologie, amygdalotomie
- Otología, rinología, amigdalotomía



Brünings

N-0120.00

Pneumatic Otoscope, in wooden case, consisting of:

- 1 ea. Ear Speculum fig. 1 - 4
- 1 Rubber Tube and Bulb
- 1 Suction Head



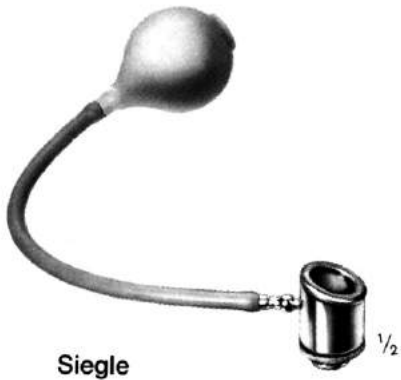
- N-0120.55 # 0
- N-0120.65 # 1
- N-0120.75 # 2
- N-0120.85 # 3
- N-0120.95 # 4
- N-0121.05 # 5

Brünings

- | | | |
|----------|----------|----------|
| 0 | 1 | 2 |
| Ø 5,5 mm | Ø 6,5 mm | Ø 7,5 mm |

- | | | |
|----------|----------|-----------|
| 3 | 4 | 5 |
| Ø 8,5 mm | Ø 9,5 mm | Ø 10,5 mm |

- Rubber Tube and Bulb
N-0120.15
- Suction Head
N-0120.13



Siegle

Pneumatic Otoscope,
cpl., consisting of:

- 1 ea Ear Speculum fig. 1 - 3
- 1 Rubber Tube and Bulb
- 1 Suction Head

- N-0122.00 **without** enlargement
- N-0122.01 **with** enlargement

- | | | |
|----------|--------|--------|
| 1 | 2 | 3 |
| Ø 6,5 mm | Ø 7 mm | Ø 8 mm |



- 1 2 3

- Suction Head only
- N-0122.12 **without** enlargement

- N-0122.13 **with** enlargement

Specula only

- N-0122.65 = fig 1 = Ø 6,5 mm
- N-0122.70 = fig 2 = Ø 7,0 mm
- N-0122.80 = fig 3 = Ø 8,0 mm
- N-0122.15 Rubber Tube and Bulb only

for children



Set of 3 1-3 N-0130.03

for adults



Set of 3 3-5 N-0131.03
 4 2-5 N-0131.04

for adults

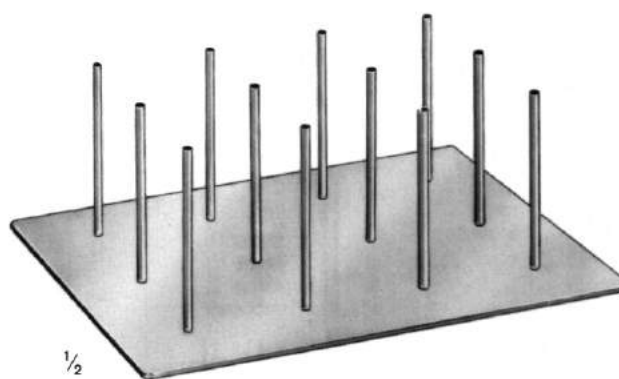


Set of 3 1-3 N-0134.03

for adults



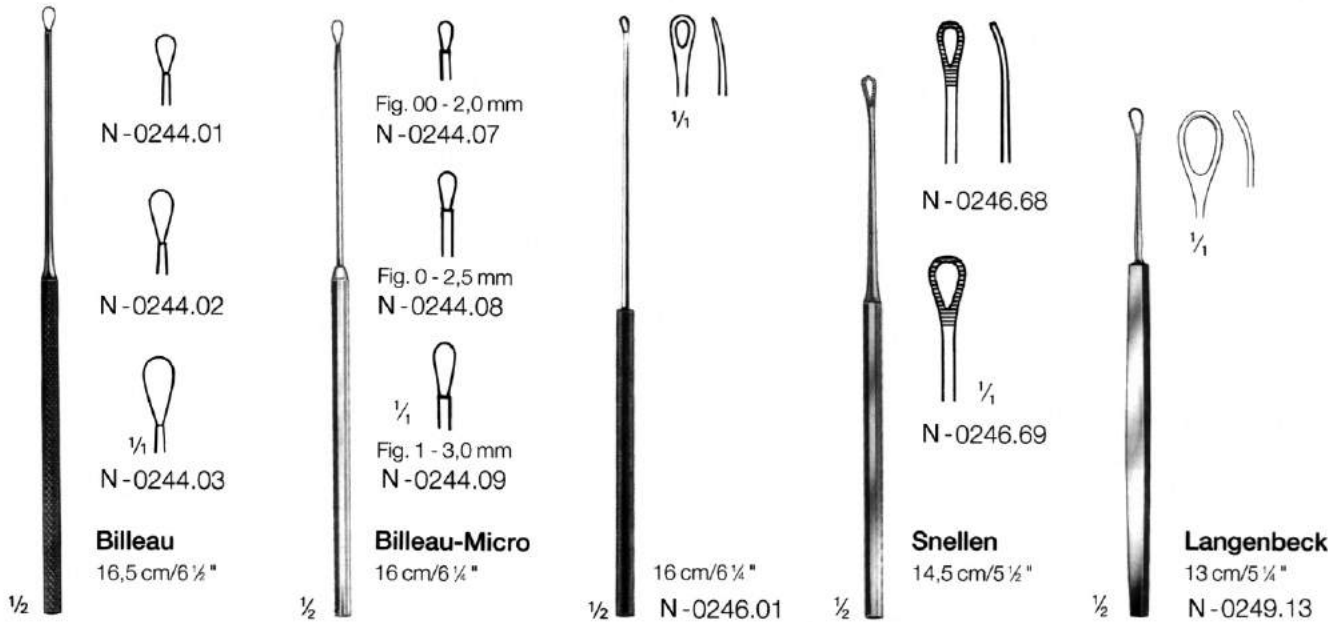
Set of 3 2-4 N-0136.03
 4 1-4 N-0136.04



N-0159.12

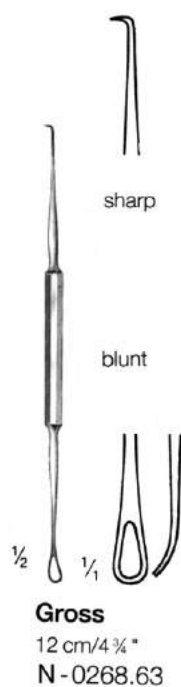
Metal Support for Specula

Loops

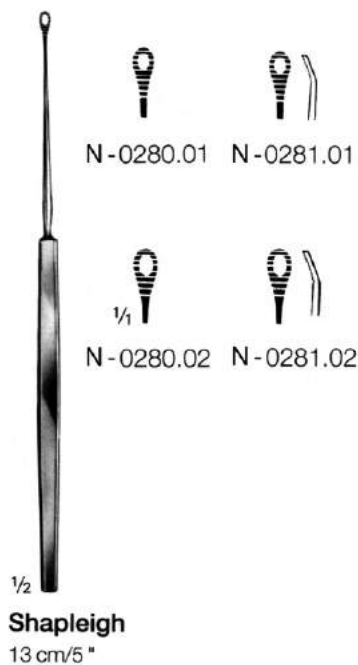


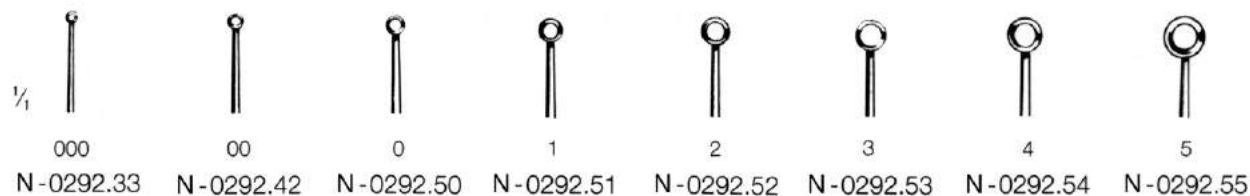
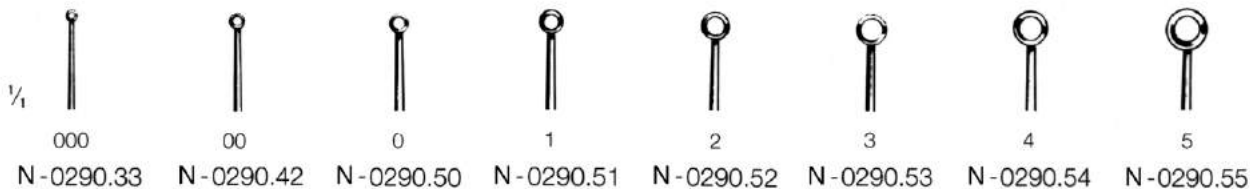
Mastoid Probe

Foreign Body Instruments

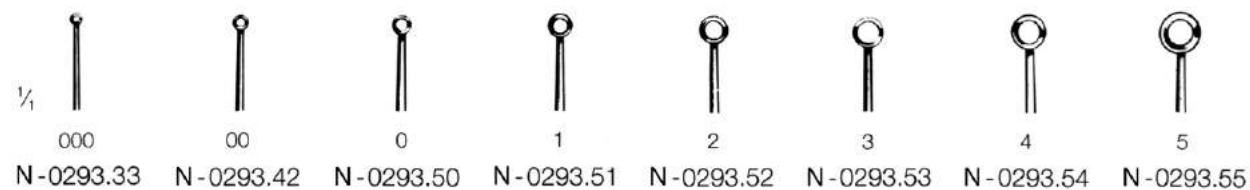
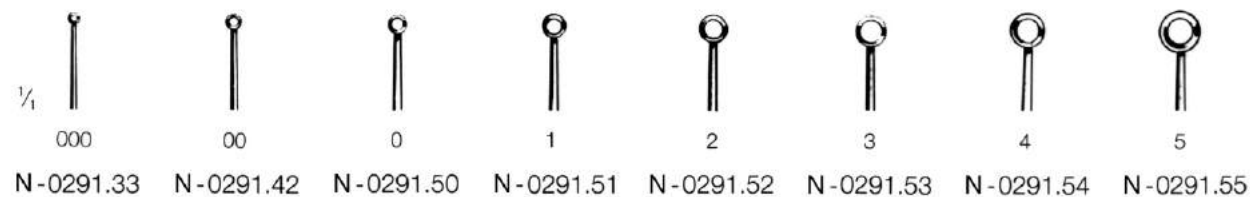


Ear Cures





Buck
 1/2 16,5 cm/6 1/2"



Buck
 1/2 16,5 cm/6 1/2"

Politzer air bag, ear syringes
Insufflateur d'aire de politzer, seringues auriculaires
Insufladores de aire según politzer, jeringas para oído



1/2

Politzer

Rubber Bulb only

N-0430.50

complete

N-0430.01



1/2

N-0430.03

Connecting Nozzle



4 mm Ø
N-0430.04



15 mm Ø
N-0430.15



17 mm Ø
N-0430.17



22 mm Ø
N-0430.22

Nasal tips



1/2

Ear Syringe, all metal, with Luer-Lock mount, complete with 2 tips and 1 shield, in cardboard box



N-4425.55



N-4425.60



N-4425.70

1/2

complete

Syringe only

50 ml	N-4420.50	N-4430.50
75 ml	N-4420.75	N-4430.75
100 ml	N-4421.00	N-4431.00

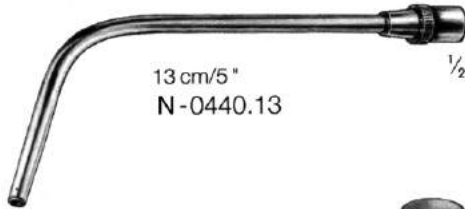


11 cm/4 3/8"
 N-0440.11

1/2

Spare Glass Bottle, 30 ml
 N-0440.30
 Rubber Bulb only
 N-0440.50

Ear Cannula only, 8 cm/3 1/8"
 N-0440.08
 Nasal Cannula only, 11 cm/4 3/8"
 N-0440.11
 Laryngeal Cannula only, 13 cm/5"
 N-0440.13

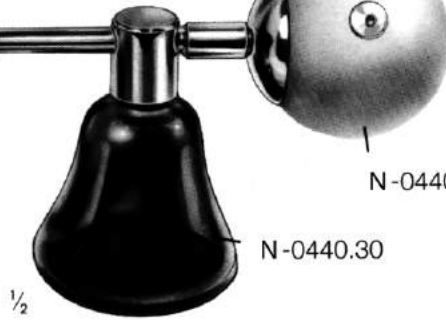


13 cm/5"
 N-0440.13

1/2



8 cm/3 1/8"
 N-0440.08



N-0440.30

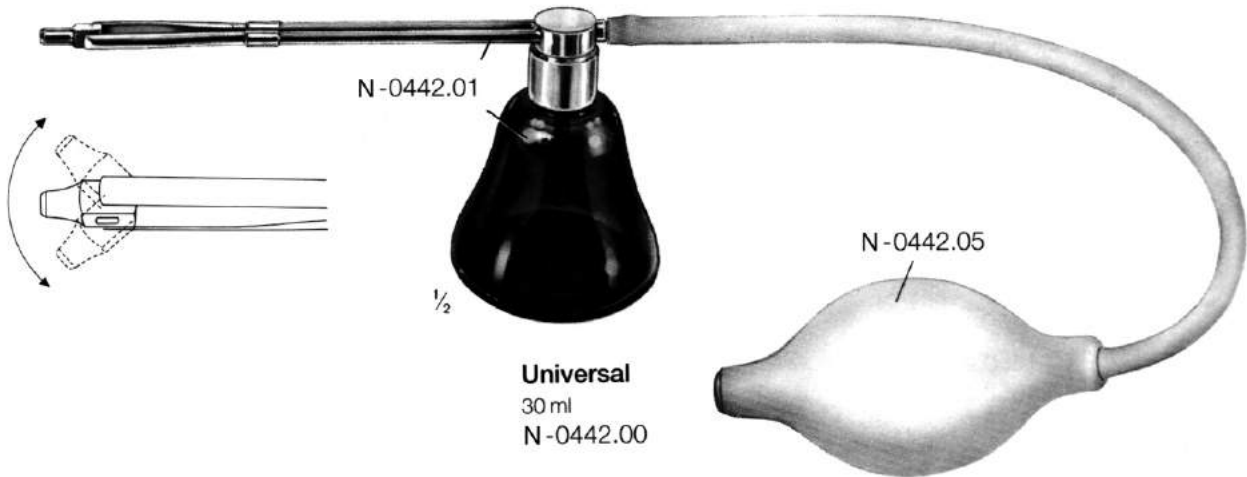
N-0440.50

1/2

Kabierske

30 ml
 N-0440.00

Powder Blower, 30 ml, complete with 1 ea cannula for ear, nose, larynx



N-0442.01

1/2

N-0442.05

Universal

30 ml
 N-0442.00

Powder Blower, 30 ml, with mobile nozzle and rubber bulb
 same, without rubber bulb N-0442.01
 Rubber bulb only N-0442.05



Krause
18 cm/7 "
N-0735.10

Cannula only
N-0735.11
Wire Guide only
N-0735.12



Krause-Voss
18 cm/7 "
N-0735.20

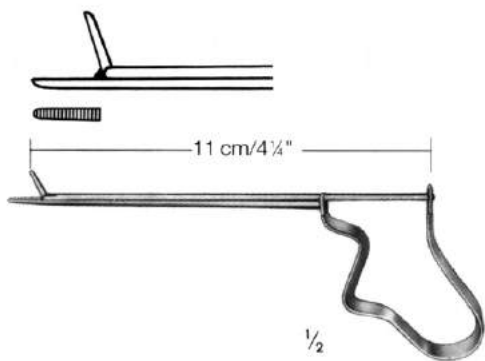
Cannula with Wire Guide, only



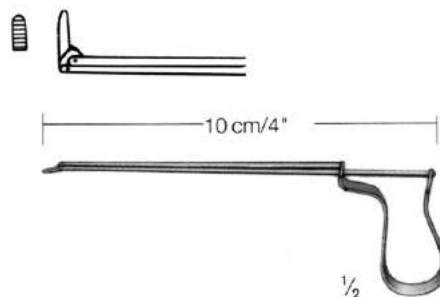
Lange-Wilde
18 cm/7 "
N-0735.30

Wire Guide only

Foreign Body Levers



Buck
 11 cm/4 1/4"
 N-0800.11

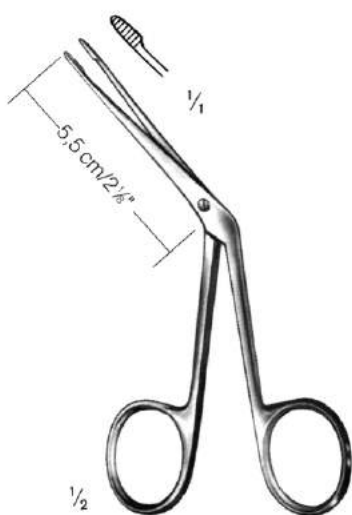


Quire
 10 cm/4"
 N-0802.10

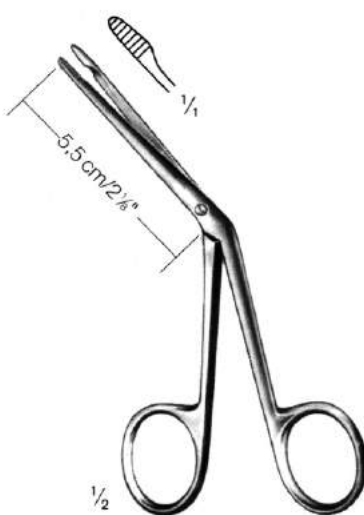
Ear Polypus Forceps, Tampon Forceps

delicate pattern

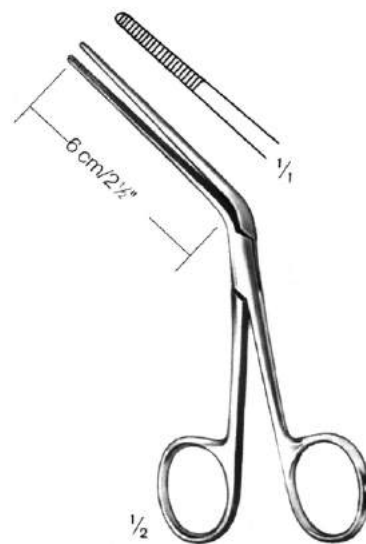
Standard



Hartmann
 13,5 cm/5 1/4"
 N-0810.13



Hartmann
 13,5 cm/5 1/4"
 N-0812.13

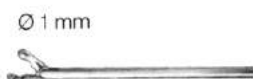


Tilley (Yankauer)
 14 cm/5 1/2"
 N-0821.14

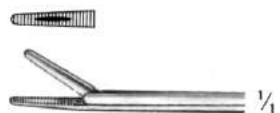
Ear polypus forceps, tampon forceps
Pinces pour polypes auriculaires, pinces porte-tampons
Pinzas para pólipos auriculares y para taponamientos



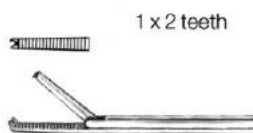
Hartmann-Wullstein
N-1024.08



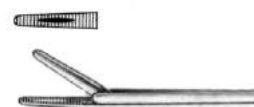
Hartmann-Wullstein
N-1020.08



Hartmann
N-1030.08 = 8,5 cm
N-1030.14 = 14,0 cm
N-1030.16 = 16,0 cm



Hartmann
N-1032.08 = 8,5 cm
N-1032.14 = 14,0 cm



Hartmann-Noyes
N-1040.09 = 9 cm



N-1041.08



Weingärtner
N-1043.08



Strümpel
N-1050.08



Hartmann
N-1052.08



Hartmann
N-1058.20 = 2,0 mm
N-1058.25 = 2,5 mm
N-1058.30 = 3,0 mm



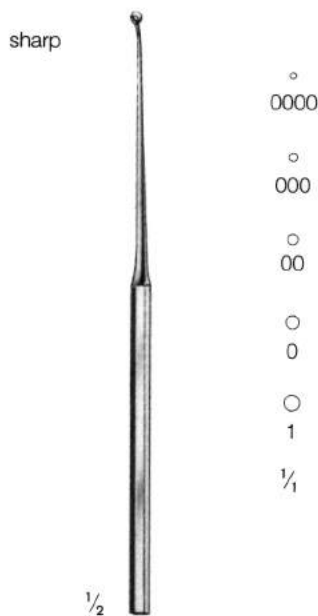
Hartmann
N-1059.20 = 2,0 mm
N-1059.25 = 2,5 mm
N-1059.30 = 3,0 mm



Hartmann
N-1074.08



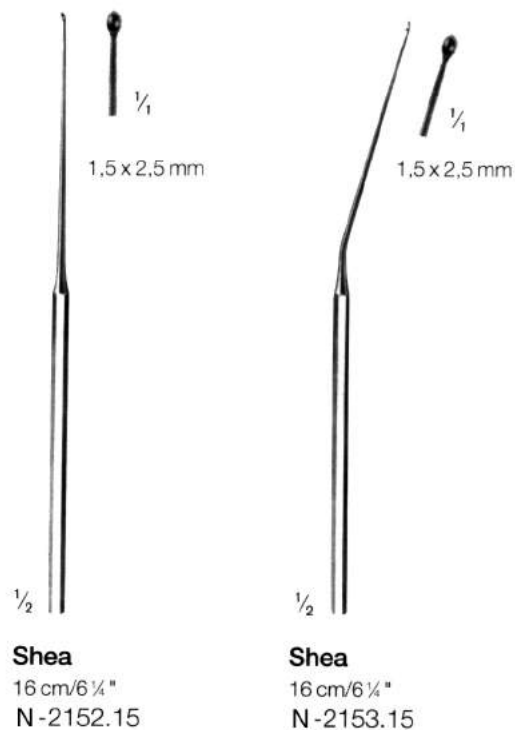
Hartmann-Hoffmann
N-1078.20

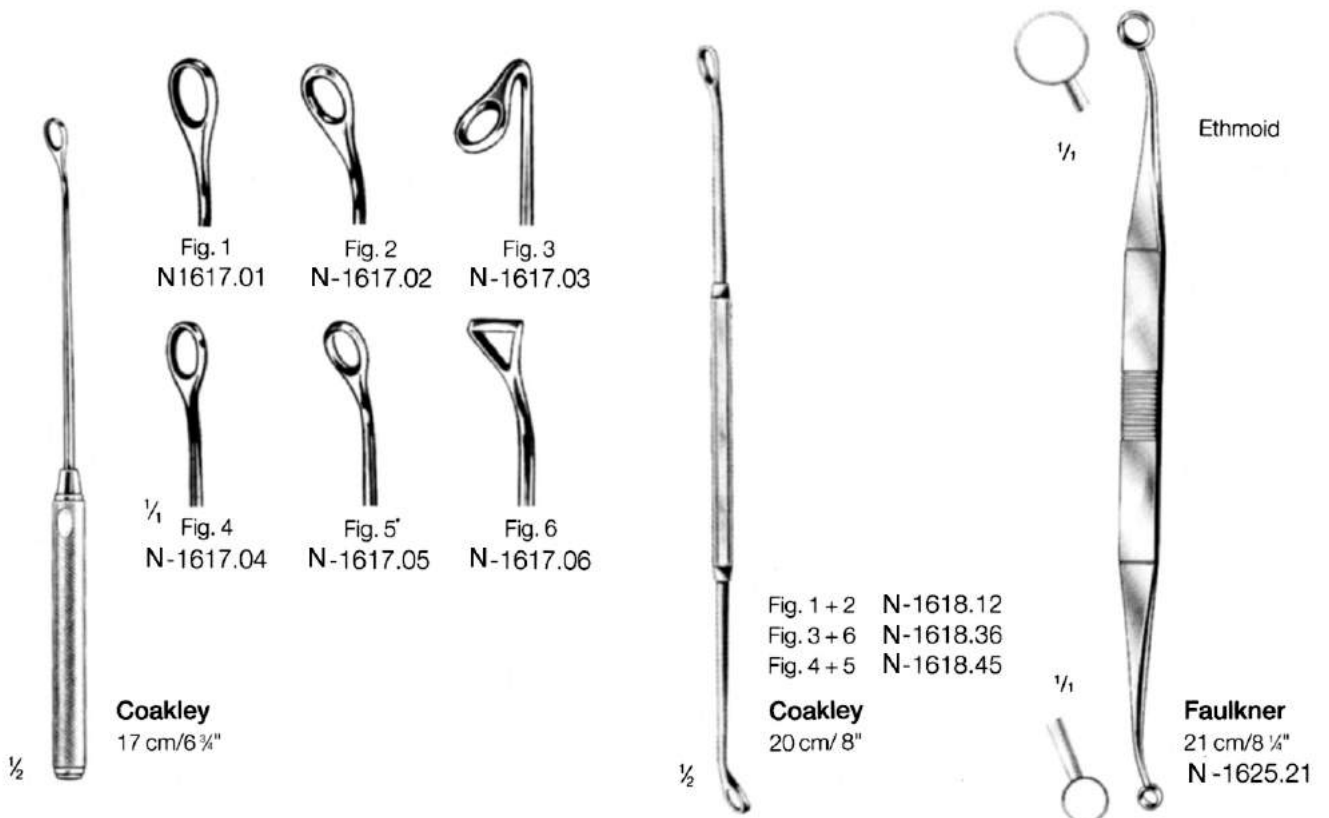


Buck-Wullstein-Micro
16 cm/6 $\frac{1}{4}$ "

N-2110.24	Fig. 0000	0,9 mm Ø	N-2111.24
N-2110.33	Fig. 000	1,1 mm Ø	N-2111.33
N-2110.42	Fig. 00	1,3 mm Ø	N-2111.42
N-2110.50	Fig. 0	1,8 mm Ø	N-2111.50
N-2110.51	Fig. 1	2,1 mm Ø	N-2111.51

Ø = inside diameter







House
15 cm/6 "

N-2210.12 = 1,0/1,2 mm
 N-2215.18 = 1,5/1,8 mm

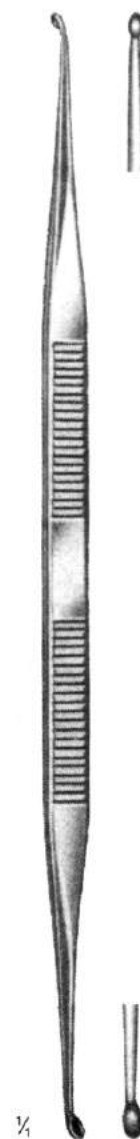
slightly angled



House
15 cm/6 "

N-2211.12 = 1,0/1,2 mm
 N-2216.18 = 1,5/1,8 mm

strongly angled



House
17 cm/6 3/4 "

N-2217.01 = 1,5/1,8 mm = N-2217.02

slightly angled

strongly angled



Barbara
N-2300.01

Needle, straight, sharp point



N-2300.03

Needle, light curve, sharp point



Rosen
N-2300.06

Needle, strong curve, sharp point



Shambaugh
N-2325.04 = 0,4 mm
N-2325.06 = 0,6 mm
N-2325.08 = 0,8 mm
N-2325.10 = 1,0 mm

Hooklets, angled



Shambaugh
N-2345.04 = 0,4 mm
N-2345.06 = 0,6 mm
N-2345.08 = 0,8 mm
N-2345.10 = 1,0 mm
N-2345.12 = 1,2 mm
N-2345.15 = 1,5 mm
N-2345.20 = 2,0 mm
N-2345.25 = 2,5 mm

Hooklets, angled



Shambaugh
N-2390.04 = 0,4 mm
N-2390.06 = 0,6 mm
N-2390.08 = 0,8 mm
N-2390.10 = 1,0 mm
N-2390.12 = 1,2 mm
N-2390.15 = 1,5 mm
N-2390.20 = 2,0 mm
N-2390.25 = 2,5 mm

Hooklets, angled



N-2426.06 = 0,6 mm

Hooklets, retrograde



N-2429.10 = 1,0 mm
N-2429.25 = 2,5 mm

Hooklets, retrograde

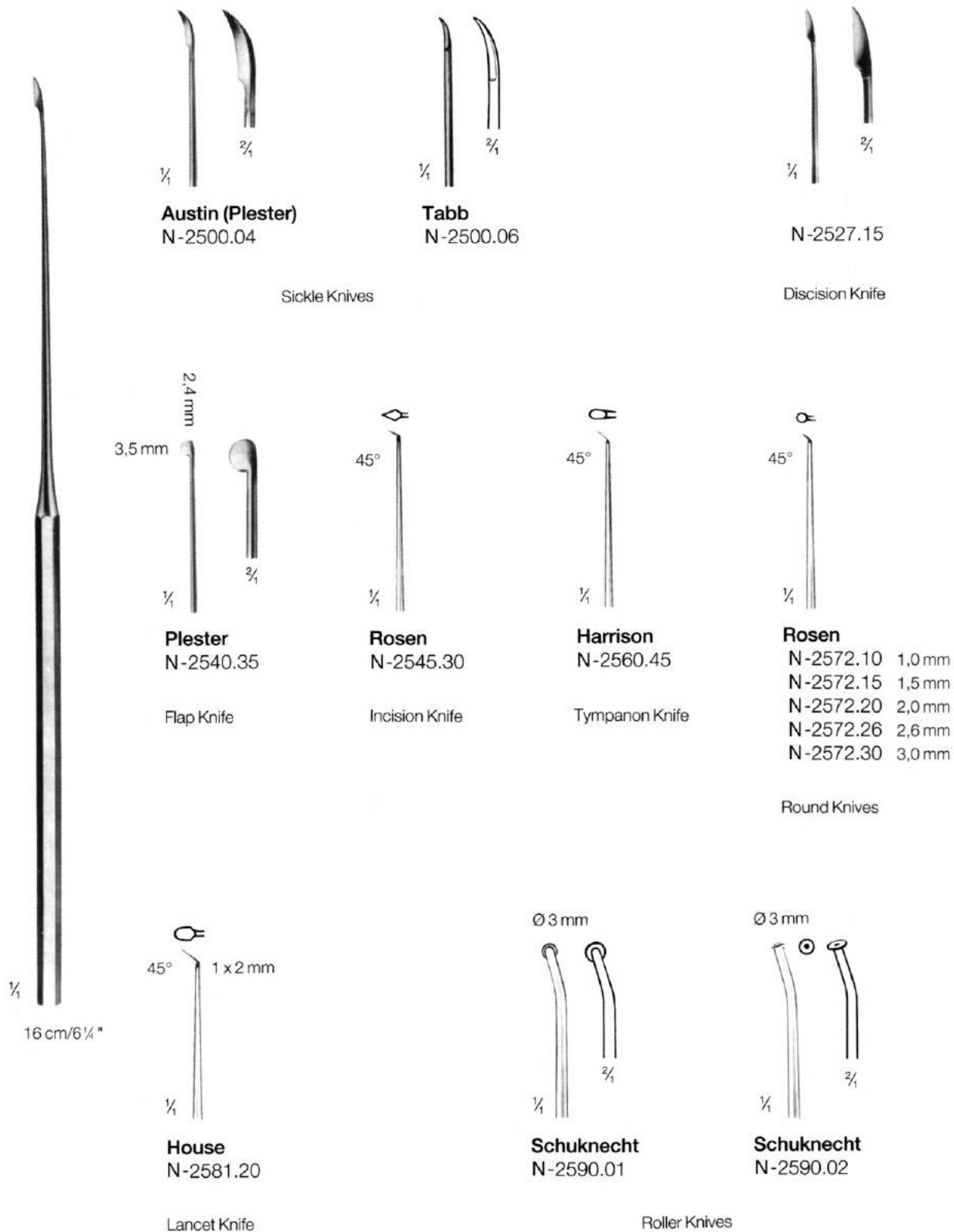


Plester
N-2445.16

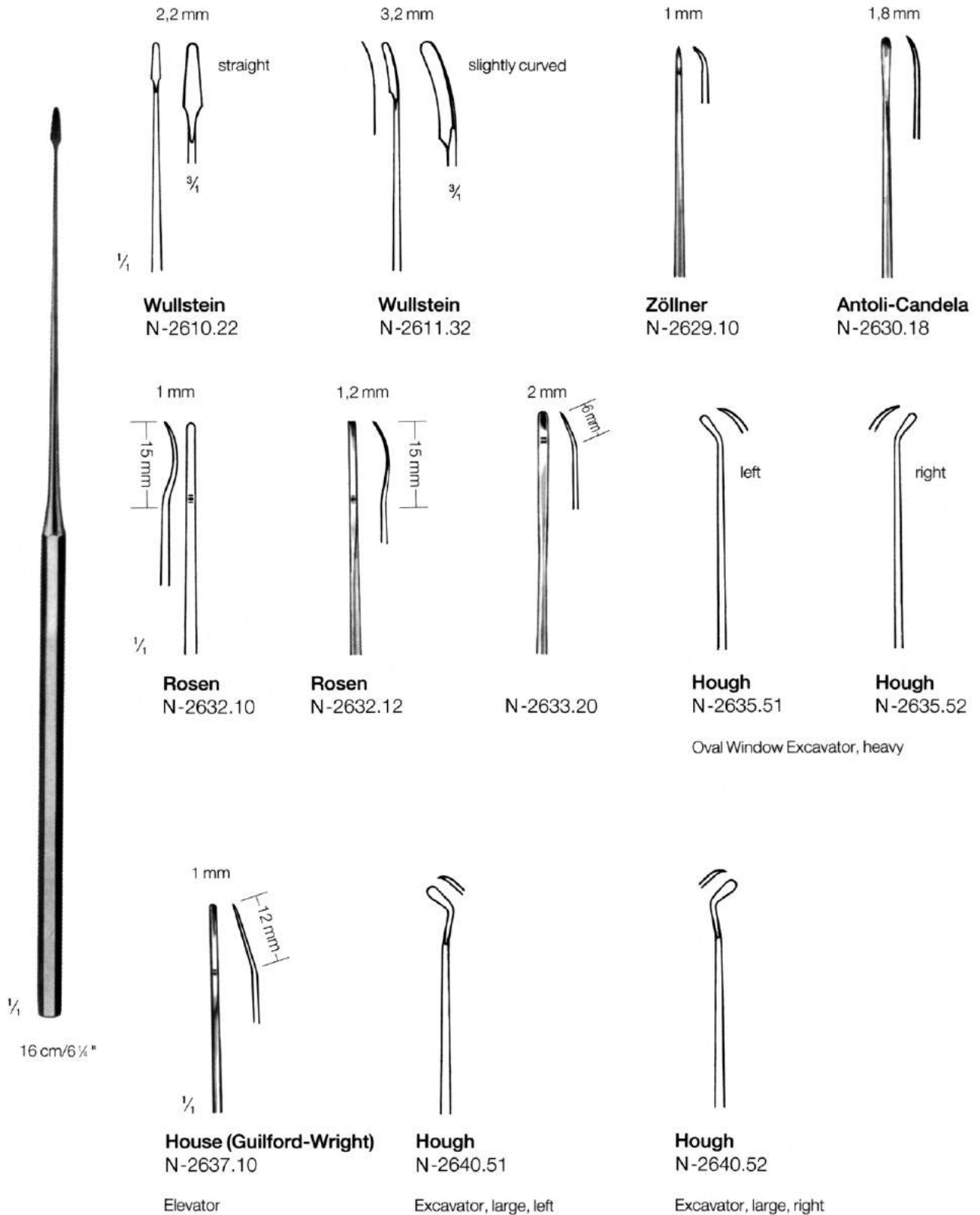
Antrum Hooklet, blunt



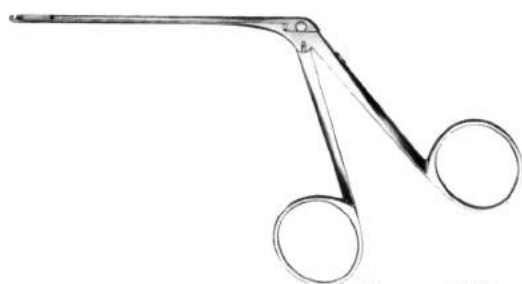
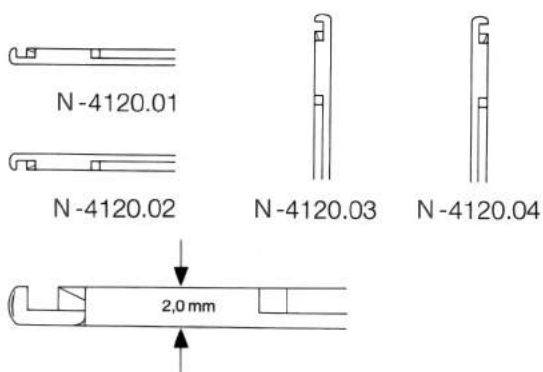
16 cm/6 1/2"



Respatories

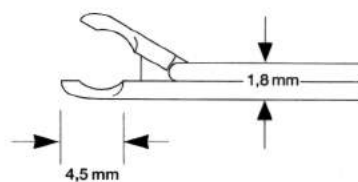
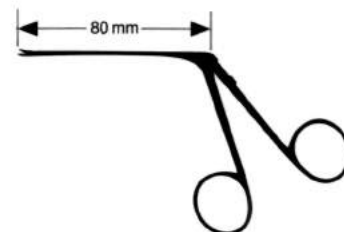


Malleus Nippers



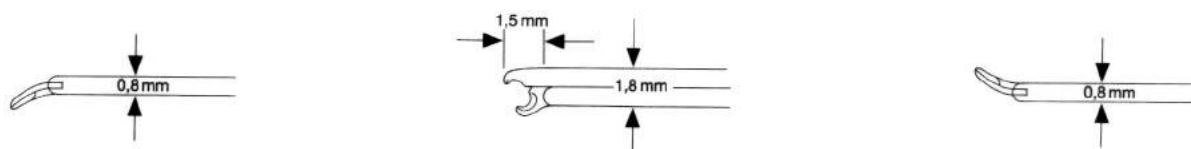
House-Dieter

Crura Nippers



Tabb
N-4130.45

Crura Nippers



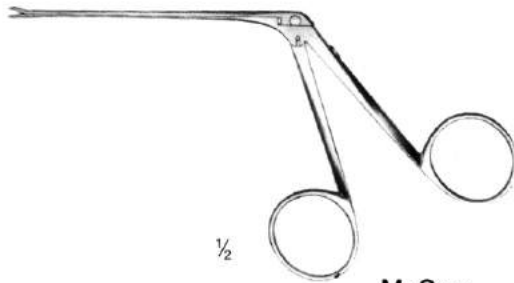
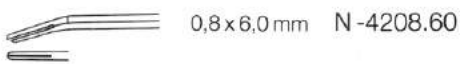
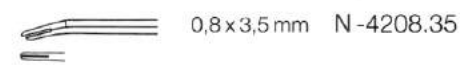
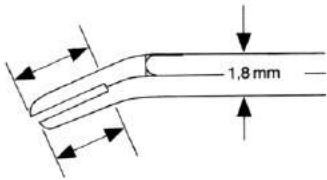
left cutting

Fisch
N-4133.01

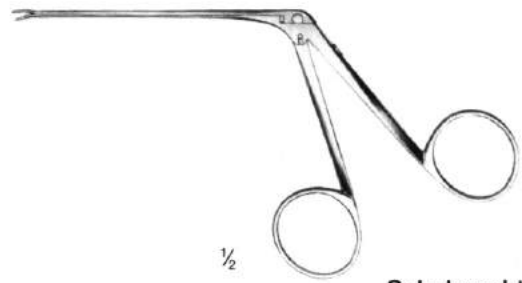
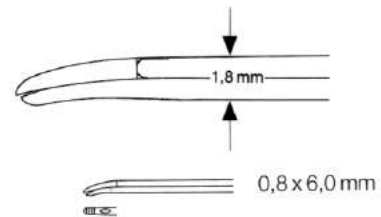
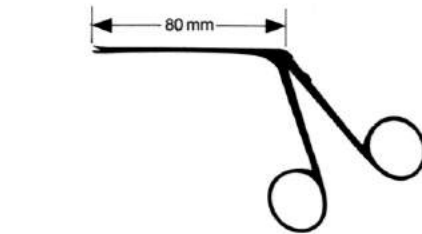


right cutting

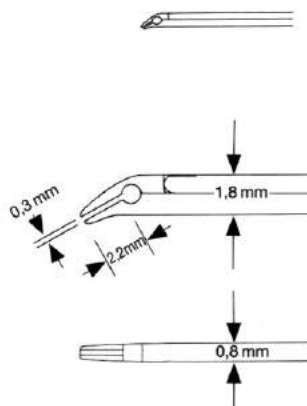
Fisch
N-4132.01



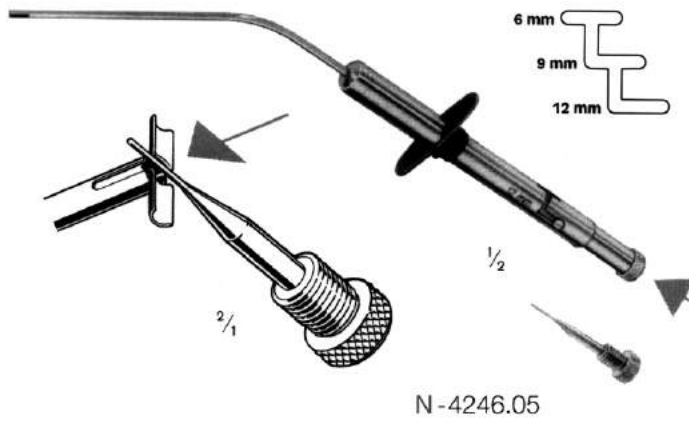
McGee



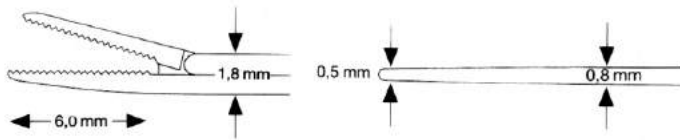
Schuknecht
N-4218.60



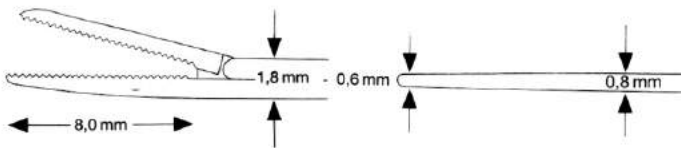
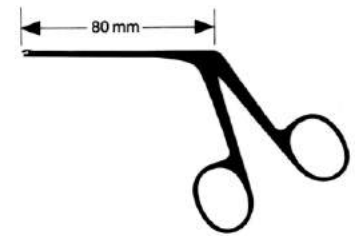
Fisch
N-4210.01



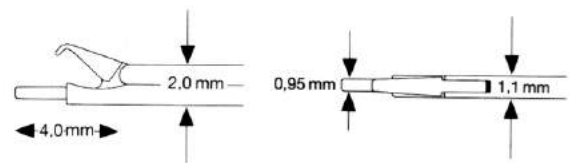
N-4246.05
 T-Tube Inserter
 adjustable in 6, 9 and 12 mm



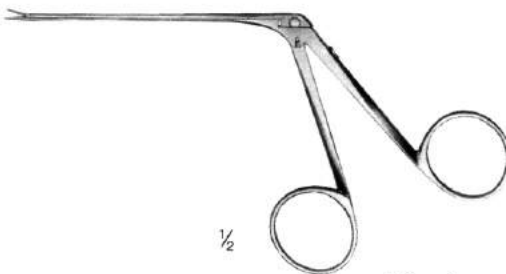
N-4242.06



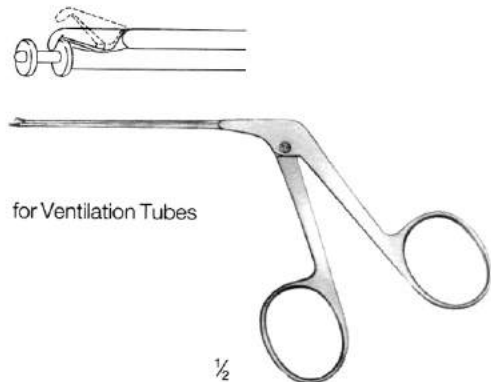
N-4242.08



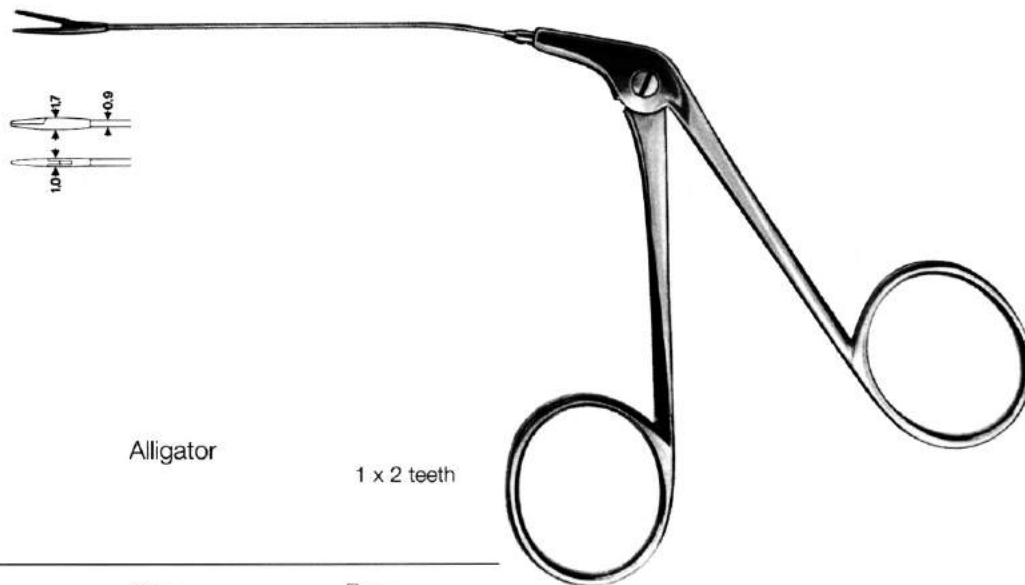
for Ventilation Tubes













Alligator
 delicate
 N-4242.##











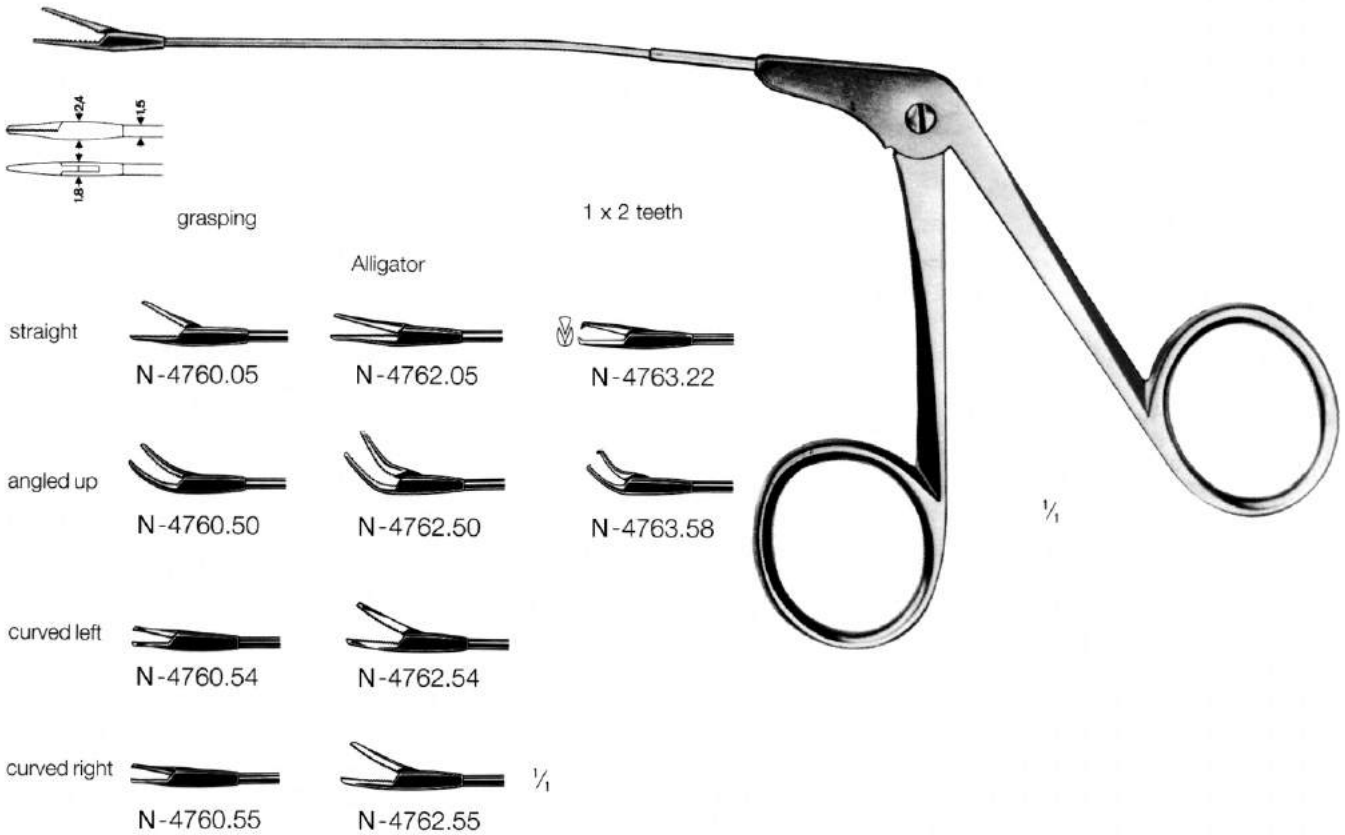
N-4244.05























	grasping	Alligator	1 x 2 teeth
straight	 N-4720.05	 N-4722.05	 N-4723.22
angled up	 N-4720.50	 N-4722.50	 N-4723.58
curved left	 N-4720.54	 N-4722.54	
curved right	 N-4720.55	 N-4722.55	

Delicate Cup-shaped Forceps

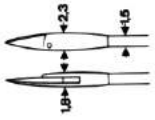
straight	 N-4724.02	 N-4726.02
angled up	 N-4724.50	 N-4726.50
curved left	 N-4724.54	 N-4726.54
curved right	 N-4724.55	 N-4726.55



Delicate Cup-shaped Forceps

	Ø 1 mm	Ø 1,5 mm	Ø 2 mm	Ø 2,5 mm	oval
straight	 N-4910.02	 N-4915.02	 N-4920.02	 N-4925.02	 N-4933.02
angled up	 N-4910.50	 N-4915.50	 N-4920.50	 N-4925.50	 N-4933.50
curved left	 N-4910.54	 N-4915.54	 N-4920.54	 N-4925.54	 N-4933.54
curved right	 N-4910.55	 N-4915.55	 N-4920.55	 N-4925.55	 N-4933.55

Micro ear scissors with tubular shafts
Microciseaux auriculaires à tige tubulaire
Micro-tijeras auriculares con vástago tubular



straight  N-5020.03

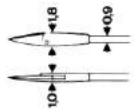
angled up  N-5020.33

curved left  N-5020.53

curved right  N-5020.63

straight  horizontal N-5020.73

angled up  N-5020.77



straight  N-5022.03

angled up  N-5022.33

curved left  N-5022.53

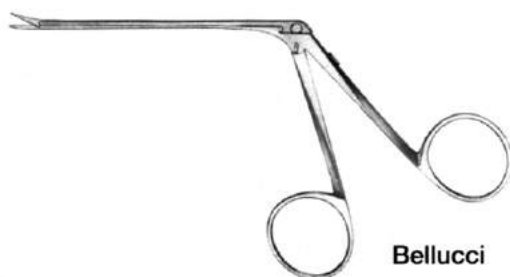
curved right  N-5022.63

straight  horizontal N-5022.73

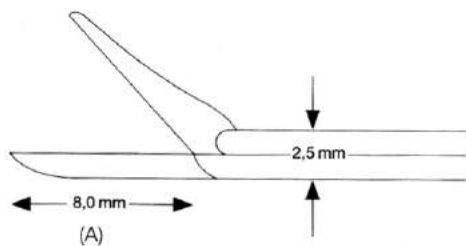
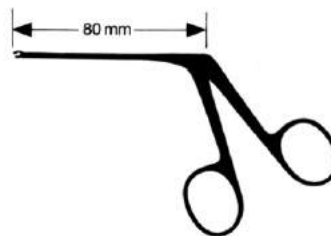
angled up  N-5022.77

1/4

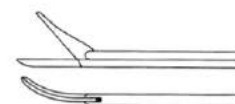
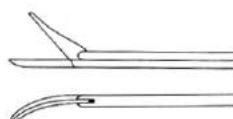
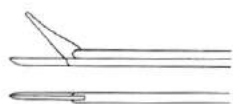
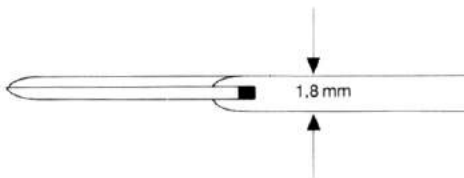
Micro ear scissors, bellucci-type, alligator action
Microciseaux auriculaires de bellucci, tige coulissante
Microtijeras auriculares según bellucci, vástago corredizo



Bellucci



(A)



straight
sharp/blunt sharp/sharp

curved up
sharp/sharp

curved to left
sharp/sharp

curved to right
sharp/sharp

delicate

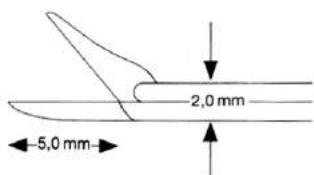
N-4618.02

N-4618.03

N-4618.33 (A = 6,0 mm)

N-4618.53

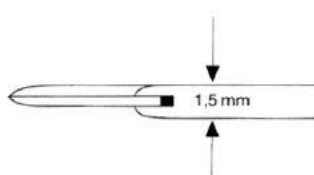
N-4618.63



very delicate

N-4625.02

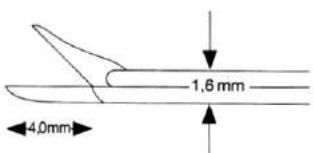
N-4625.03



N-4625.33 (A = 4,5 mm)

N-4625.53

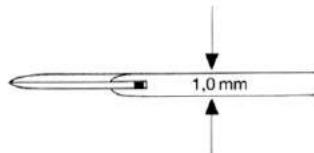
N-4625.63



extra delicate

N-4634.02

N-4634.03



N-4634.53

N-4634.63



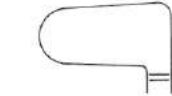
1/2

Palmer
N-0116.07



1/2

Thudichum (Goldsmith)



N-0132.01



N-0132.02



N-0132.03

1/4

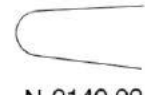


1/2

Voltolini



N-0140.01



N-0140.02



N-0140.03

1/4



1/2

Modell Wien (Vienna pattern)
14 cm/5 1/2"

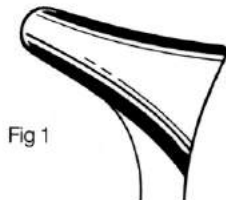


Fig 1

N-0204.01

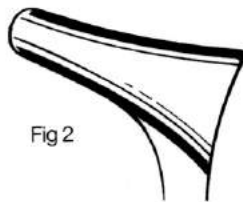


Fig 2

N-0204.02

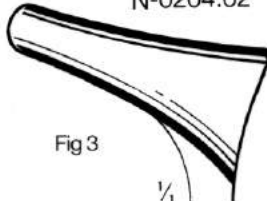


Fig 3

N-0204.03

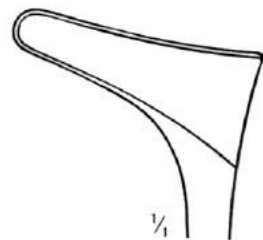
1/4

lightweight

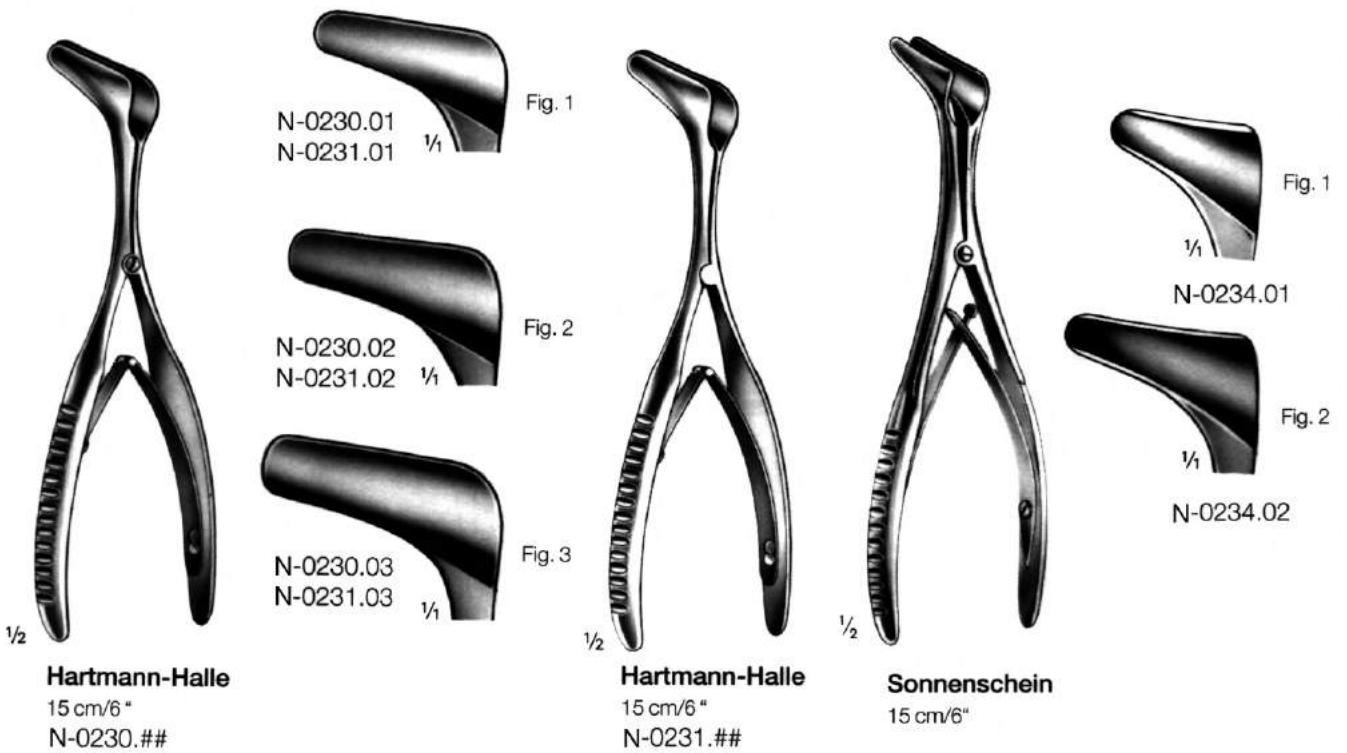
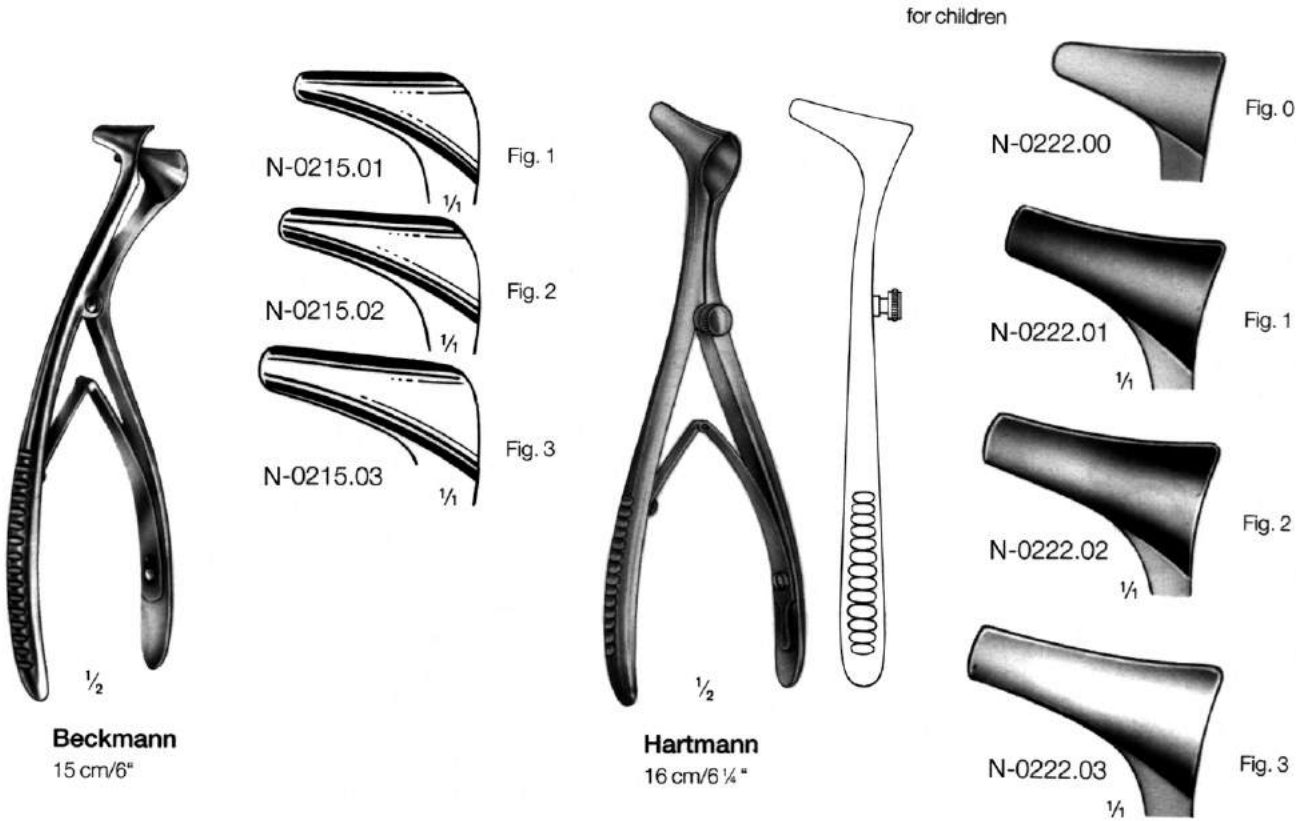


1/2

Hartmann/Wiener
15 cm/6"
N-0206.15



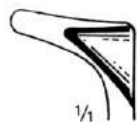
1/4





1/2

Tieck-Halle
13,5 cm/5 1/4"



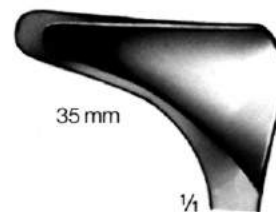
1/1

Fig. 1 N-0236.01



1/1

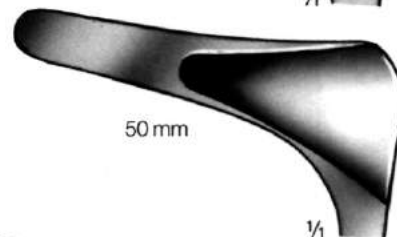
Fig. 2 N-0236.02



35 mm

1/1

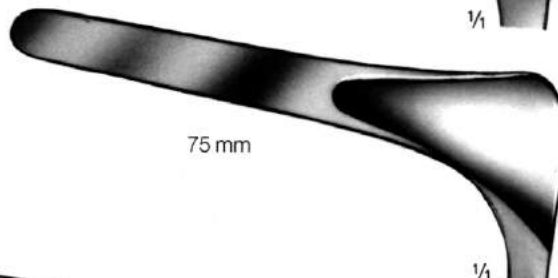
Fig. 1



50 mm

1/1

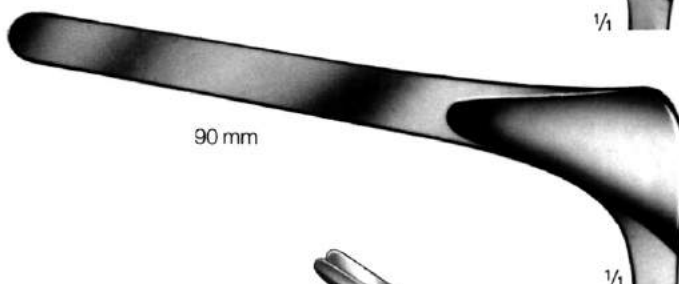
Fig. 2



75 mm

1/1

Fig. 3



90 mm

1/1

Fig. 4



1/2

Killian

13 cm/5"

Fig. 1 N-0250.35

Fig. 2 N-0250.50

Fig. 3 N-0250.75

Fig. 4 N-0250.90



1/2

Killian

13 cm/5"

Fig. 1 N-0251.35

Fig. 2 N-0251.50

Fig. 3 N-0251.75

Fig. 4 N-0251.90



1/2

Cottle

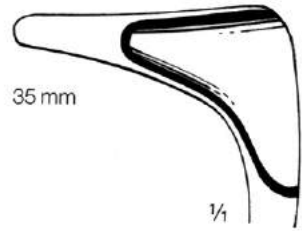
15 cm/6"

Fig. 1 N-0260.35

Fig. 2 N-0260.50

Fig. 3 N-0260.75

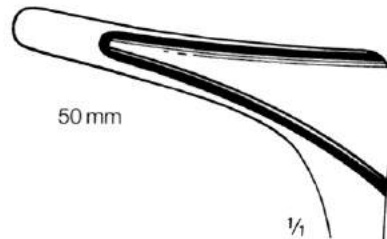
Fig. 4 N-0260.90



35 mm

1/4

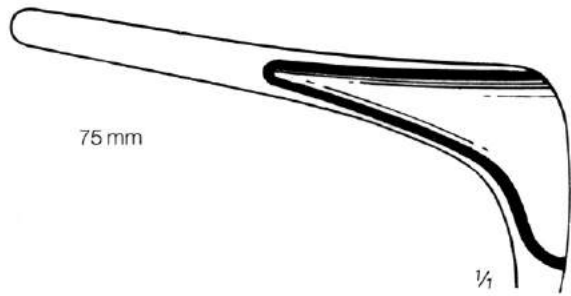
Fig. 1



50 mm

1/4

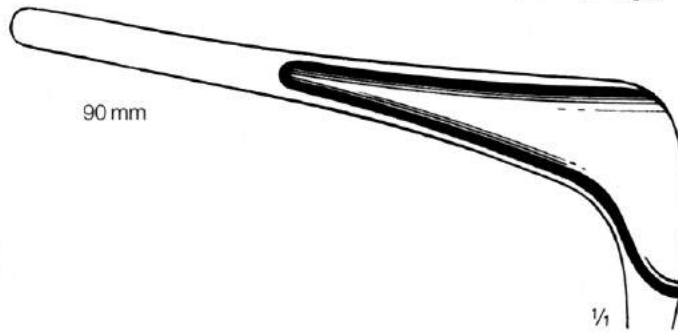
Fig. 2



75 mm

1/4

Fig. 3



90 mm

1/4

Fig. 4

Nasal Septum Speculum



1/2

Cottle

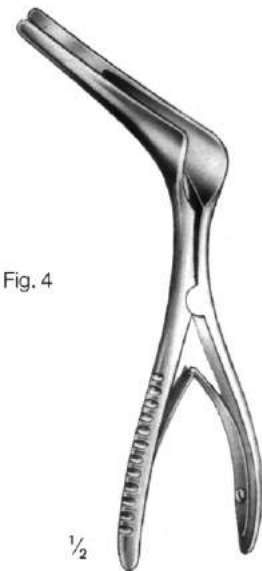
15 cm/6"

Fig. 1 N-0261.35

Fig. 2 N-0261.50

Fig. 3 N-0261.75

Fig. 4 N-0261.90



1/2

Cottle

15 cm/6"

Fig. 1 N-0264.35

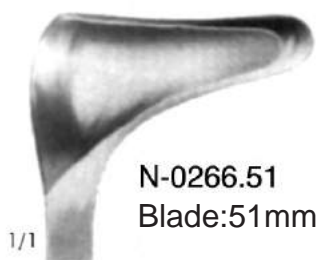
Fig. 2 N-0264.50

Fig. 3 N-0264.75

Fig. 4 N-0264.90

Killian fibre optic nasal speculum

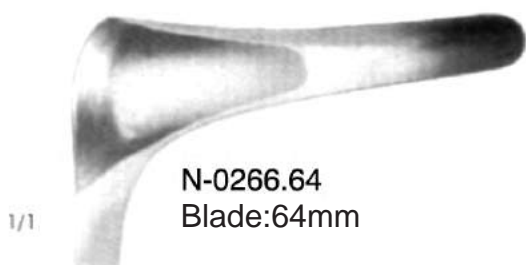
135 mm (5 1/4")
fibre light fitting (3mm)



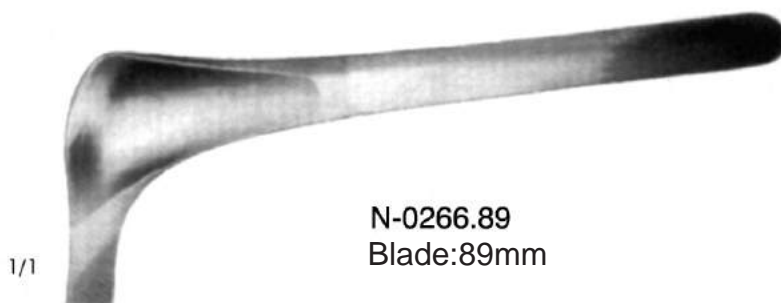
N-0266.51
Blade:51mm



N-0266.76
Blade:76mm

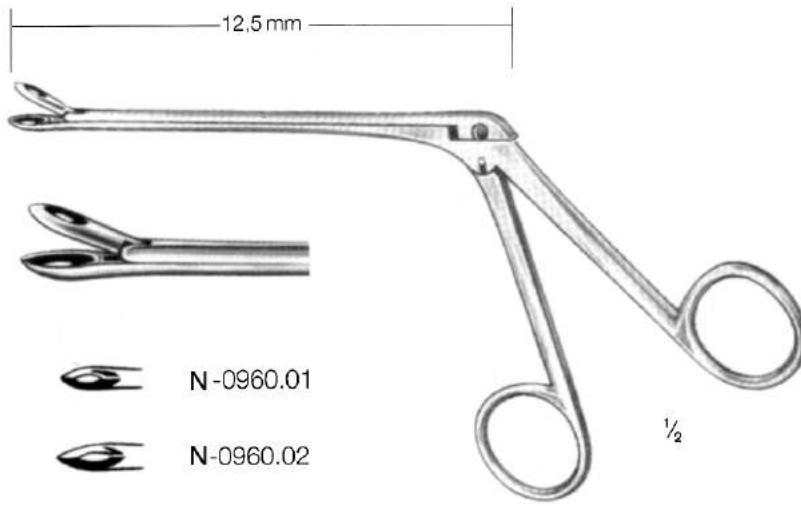







N-0266.64
Blade:64mm



N-0266.89
Blade:89mm






Nasal cutting forceps
Pinces coupantes pour le nez
Pinzas cortantes para la nariz



-  N-0960.01
-  N-0960.02
-  N-0960.03
-  N-0960.04
-  N-0960.05


$\frac{1}{4}$ **Weil-Blakesley**




-  N-0961.01
-  N-0961.02
-  N-0961.03
-  N-0961.04
-  N-0961.05

$\frac{1}{4}$ **Weil-Blakesley**




 2,5x10 mm N-1010.25

 4x10 mm N-1010.40

$\frac{1}{4}$ **Takahashi**



 2,5x10 mm N-1011.25

 4x10 mm N-1011.40

$\frac{1}{4}$ **Takahashi**



 N-0970.01

 N-0970.02

$\frac{1}{4}$ **Struycken**



 5 mm N-1050.05


 7 mm N-1050.07

 9 mm N-1050.09

 11 mm N-1050.11

$\frac{1}{4}$ **Hartmann**



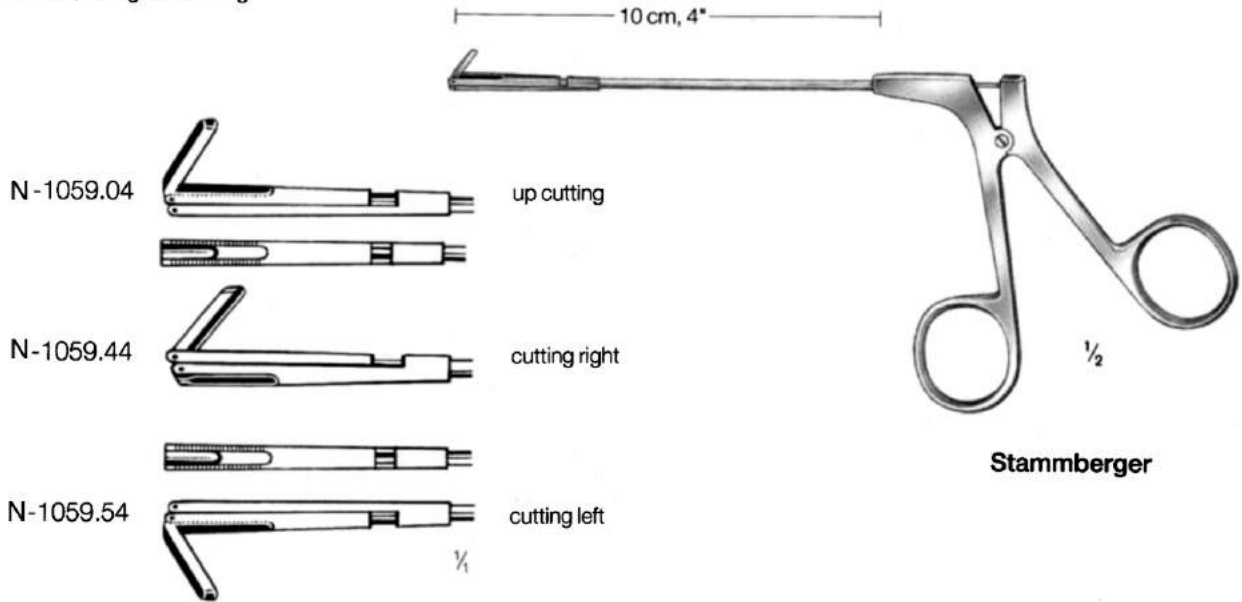
 5 mm N-1054.05

 7 mm N-1054.07

 9 mm N-1054.09

$\frac{1}{4}$ **Schmeden**

Antrum Punch, retrograde cutting



Septum Cutting Forceps

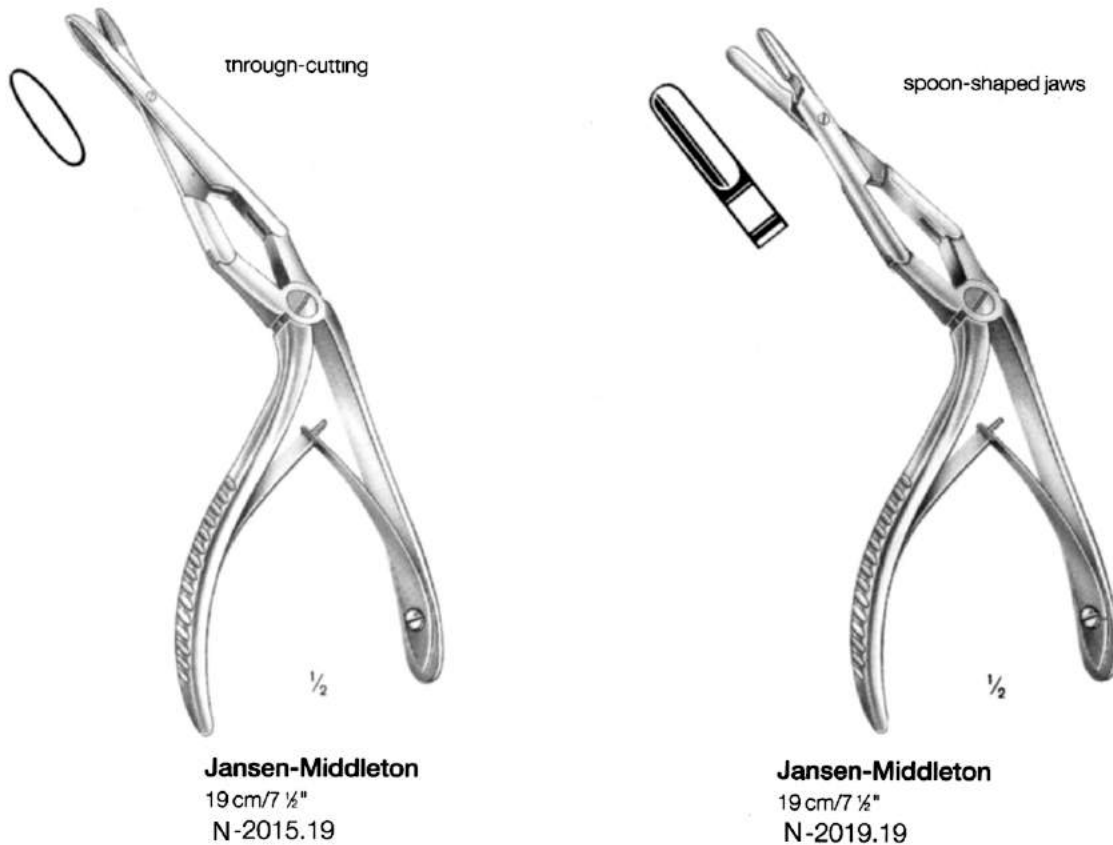



Fig.0  3x3mm N-3177.03




Fig.1  4x4mm N-3177.04


Fig.2  5x5mm N-3177.05

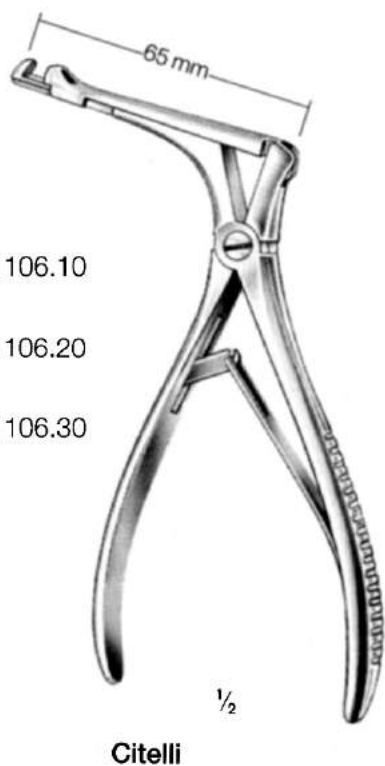
Fig.3  6x6mm N-3177.06




 1mm N-1106.10

 2mm N-1106.20

 3mm N-1106.30



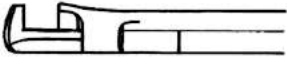
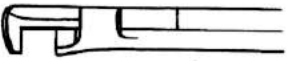

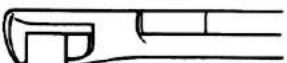
 1mm N-1109.10

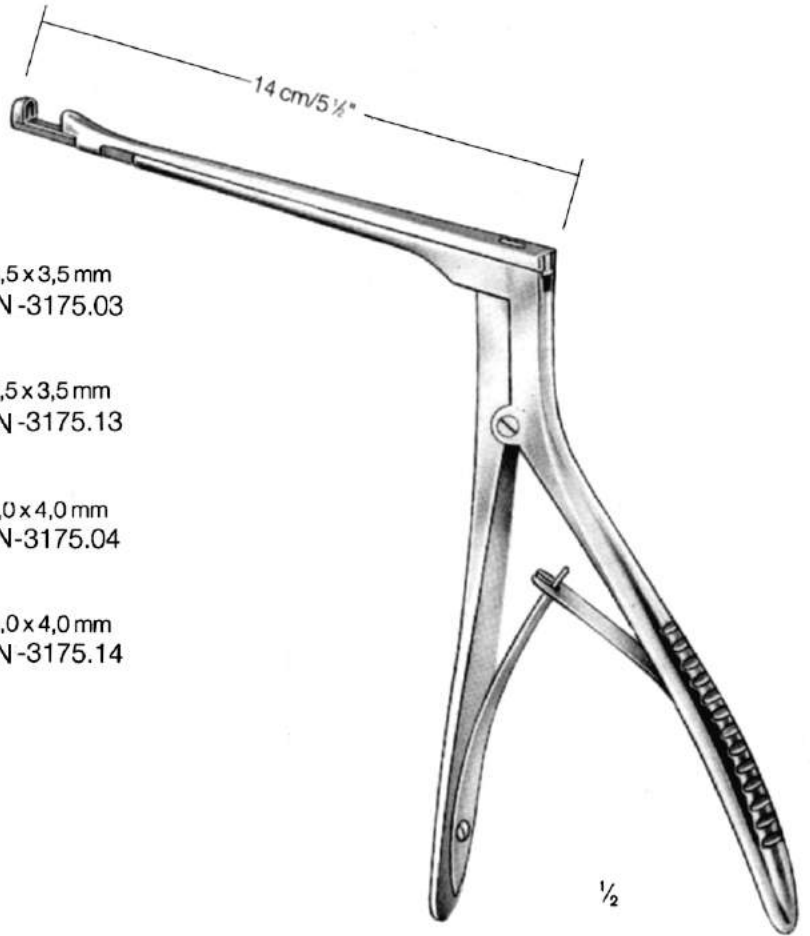
 2mm N-1109.20

Atticus Punch

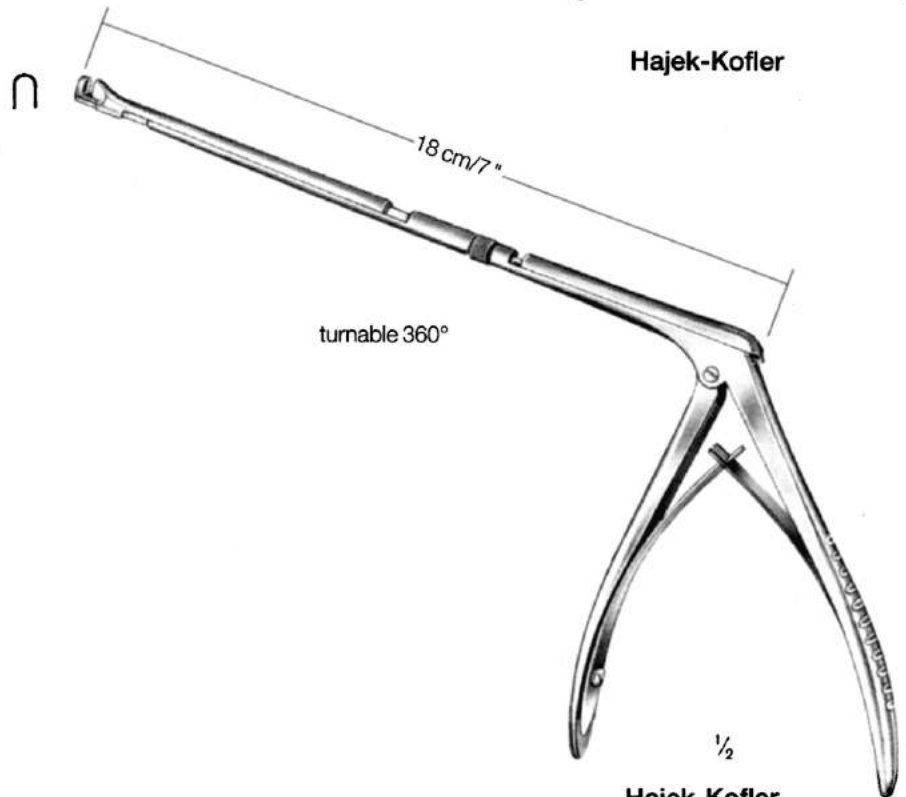


Sphenoid Punches

- | | | |
|-----|---|------------------------|
| ∩ |  | 3,5x3,5mm
N-3175.03 |
| U |  | 3,5x3,5mm
N-3175.13 |
| ∩ |  | 4,0x4,0mm
N-3175.04 |
| ¼ U |  | 4,0x4,0mm
N-3175.14 |

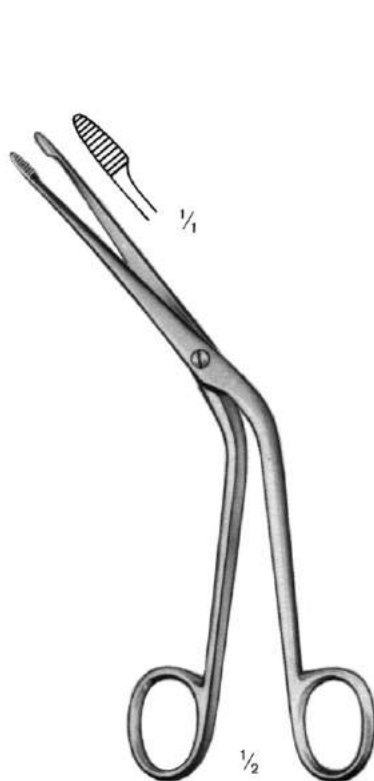


Hajek-Kofler



Hajek-Kofler
N-3188.03

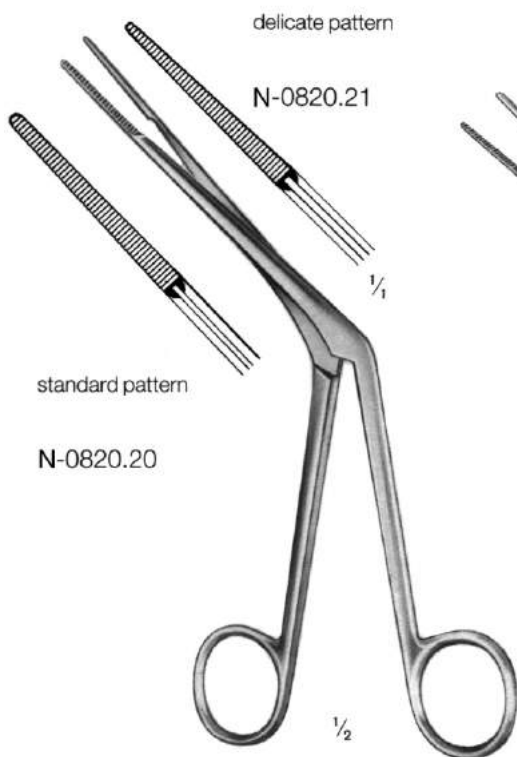
Polypus, tampon and septum compression forceps
Pinces à polypes, porte-tampons et pour la cloison nasale
Pinzas para pólipos, taponamientos y el tabique nasal



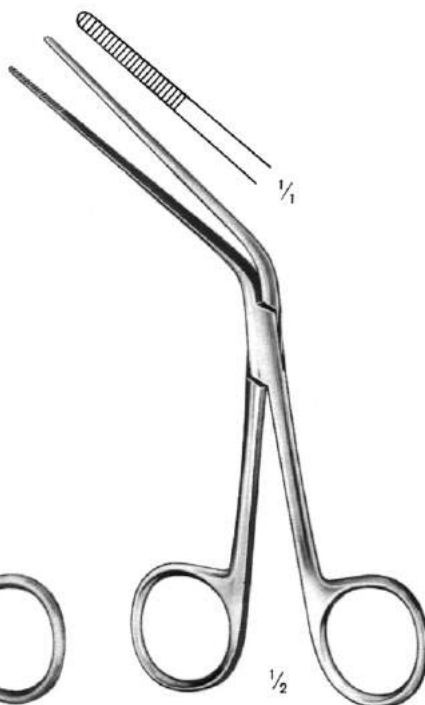
Hartmann
 16 cm/6 1/4"
 N-0810.16



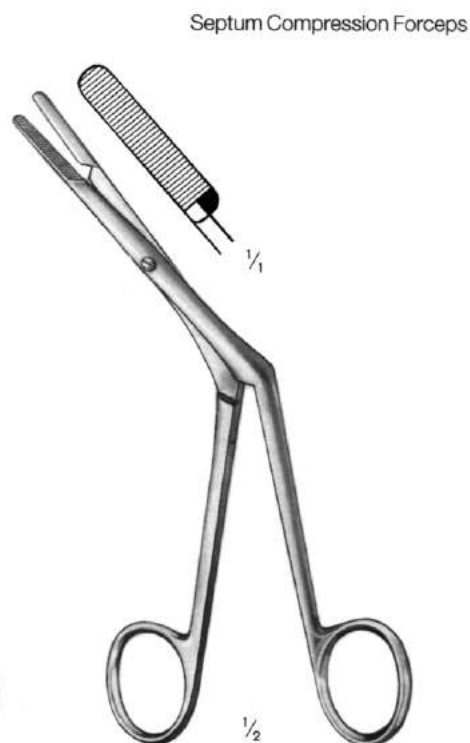
Hartmann
 20 cm/8"
 N-0812.20



Westmacott
 20 cm/8"

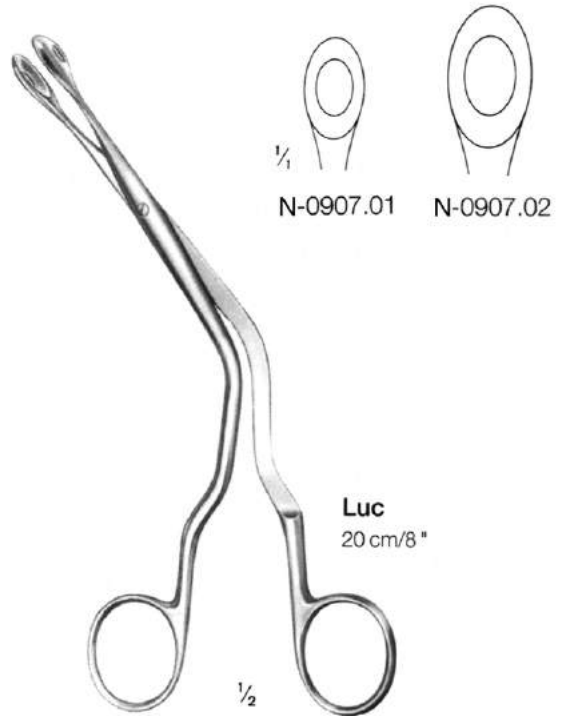
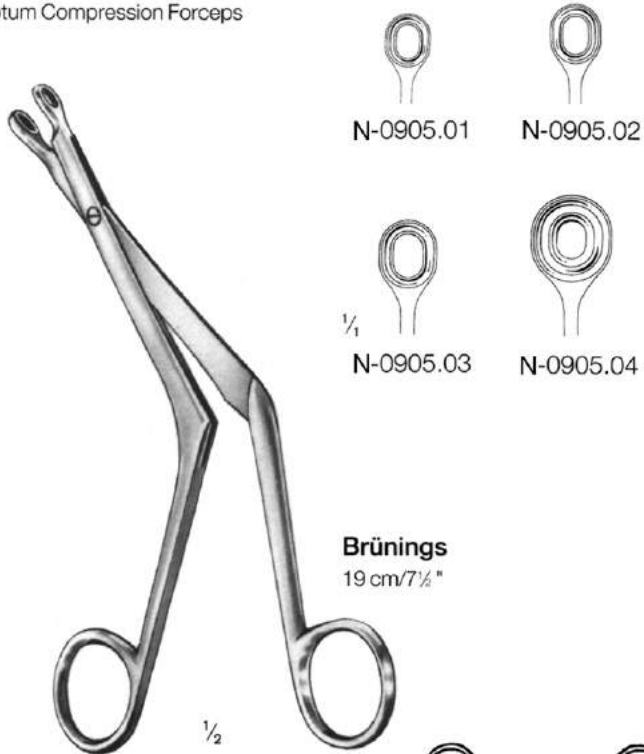


Tilley
 17 cm/6 1/4"
 N-0821.17



Killian
 17 cm/6 1/4"
 N-0829.01

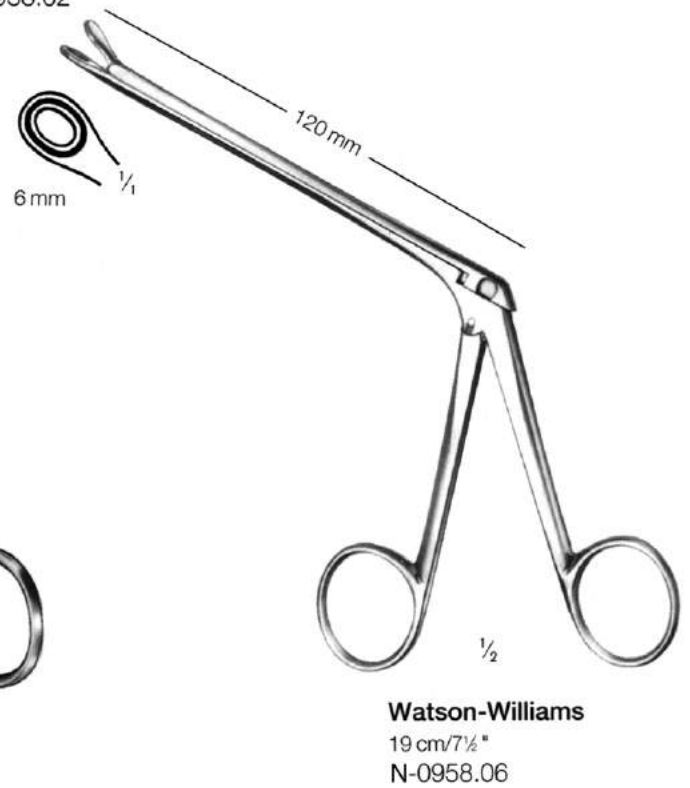
Septum Compression Forceps



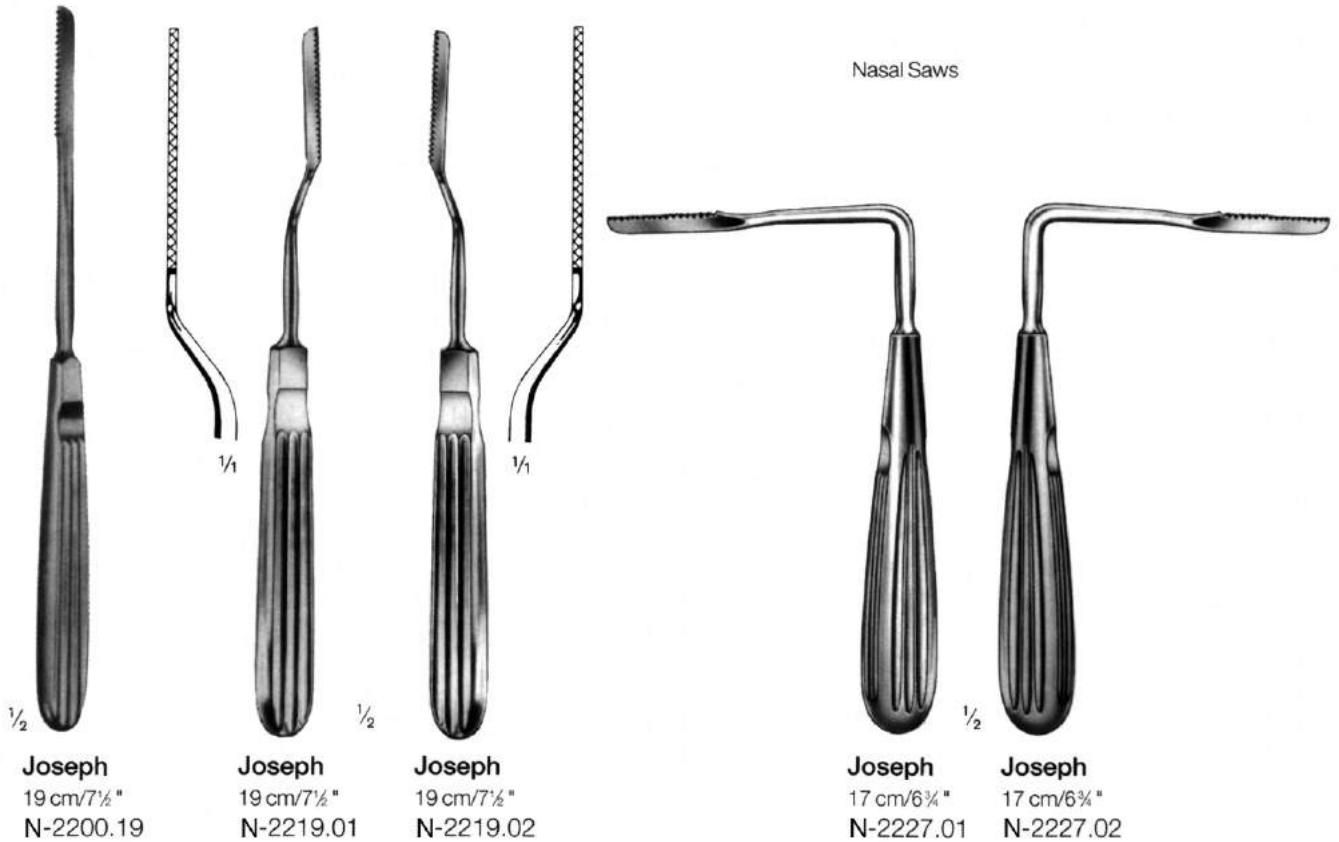
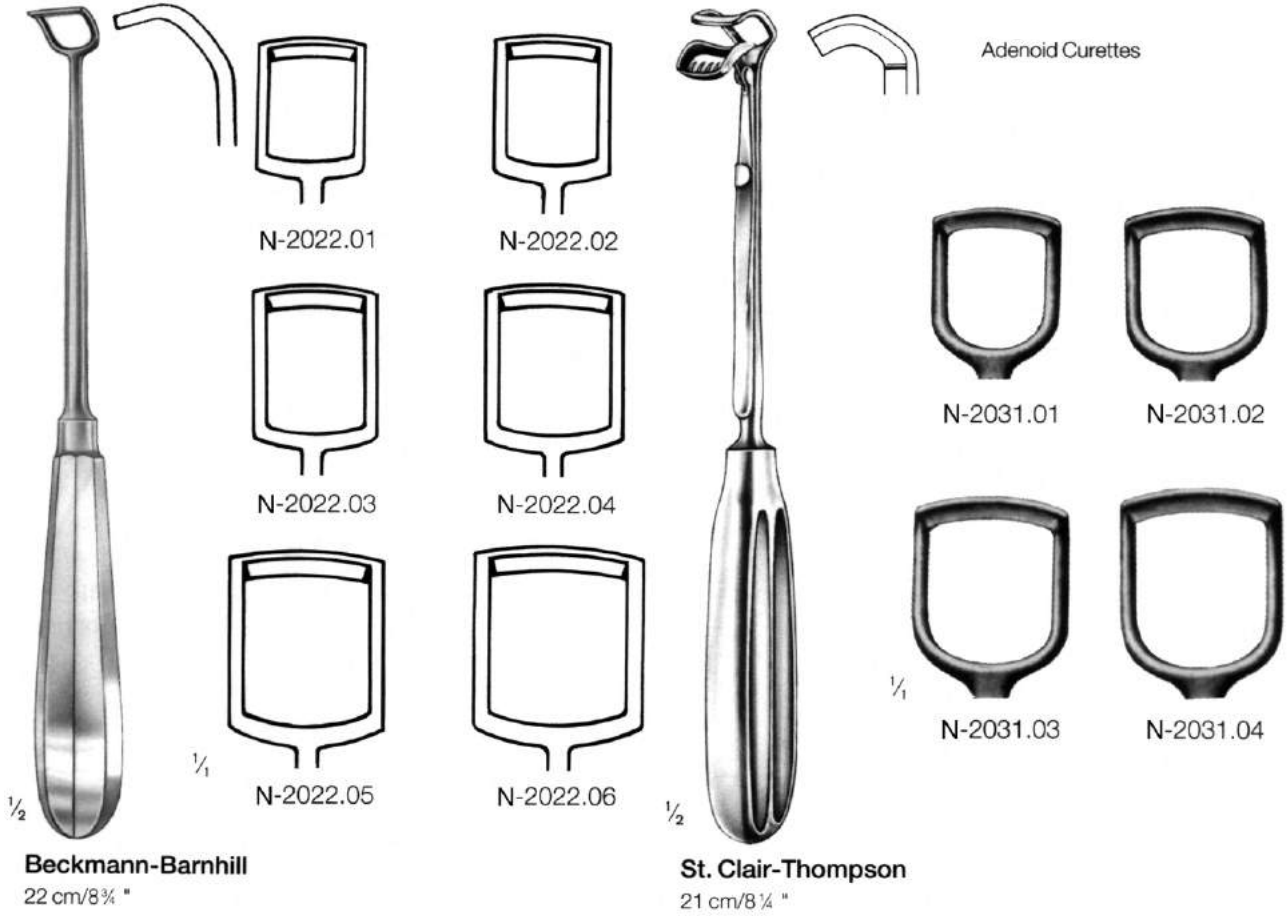
Vomer Forceps



Ethmoid Forceps



Adenoid curettes, nasal saws
Couteaux à végétations adénoïdes, scies nasales
Cuchillos para vegetaciones adenoides, sierras nasales





Krause
26 cm/10 1/4"
N-6525.10



Krause-Voss
26 cm/10 1/4"
N-6525.20



Lange-Wilde (Bruenings)
24 cm/9 1/2"
N-6525.30



La Force

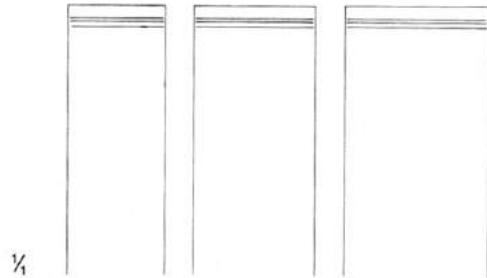


Fig. 1 Fig. 2 Fig. 3

Adenotomes with 2 unperforated blades		
13 mm N-4001.13	16 mm N-4001.16	19 mm N-4001.19
unperforated spare blades, each		
Fig. 1 N-4001.53	Fig. 2 N-4001.56	Fig. 3 N-4001.59

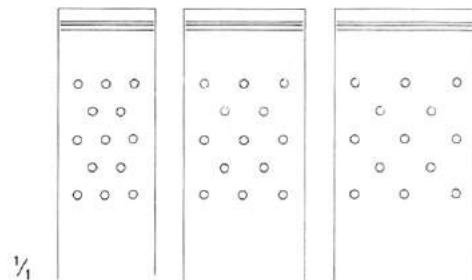


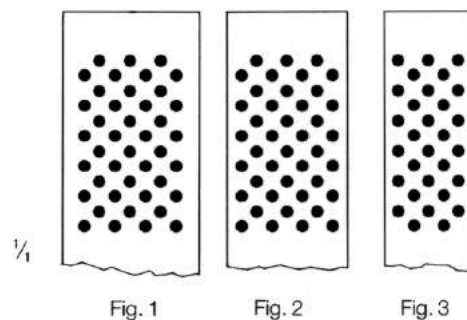
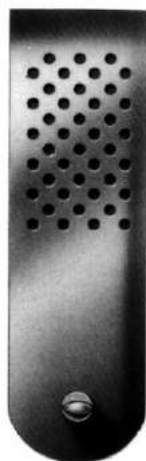
Fig. 1 Fig. 2 Fig. 3

Adenotomes with 2 perforated blades		
13 mm N-4001.33	16 mm N-4001.36	19 mm N-4001.39
perforated spare blades, each		
Fig. 1 N-4001.73	Fig. 2 N-4001.76	Fig. 3 N-4001.79

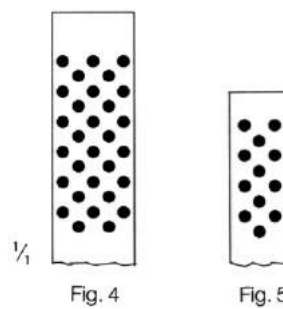


La Force

new simplified pattern,
 easily detachable



Adenotomes cpl. with 2 perforated blades		
18 mm N-4011.18	16 mm N-4012.16	12 mm N-4013.12
perforated spare blades, each		
Fig. 1 N-4011.68	Fig. 2 N-4012.66	Fig. 3 N-4013.62



Adenotomes cpl. with 2 perforated blades	
11 mm N-4014.11	8 mm N-4015.08
perforated spare blades, each	
Fig. 4 N-4014.61	Fig. 5 N-4015.58

Mouth Gags



Replacement Silicon-Rubber Tooth Protectors,
 package of 5 pairs

N-0100.50 for N-0100.10
 N-0100.51 for N-0100.11
 N-0100.54 for N-0100.14

Doyen-Jansen (Molt)

N-0100.10 = 10 cm/4"
 N-0100.11 = 11 cm/4 1/2"
 N-0100.14 = 14 cm/5 1/2"



1/2

Tobold
 14,5 cm/5 3/4"
 N-0200.14



1/2

Moritz-Schmidt
 19 cm/7 1/2"
 N-0209.19



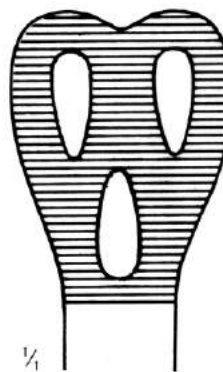
1/2

Hartmann
 15 cm/6"
 N-0215.15



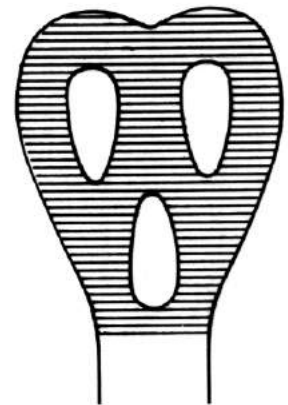
1/2

Wieder
 12 cm/4 3/4"



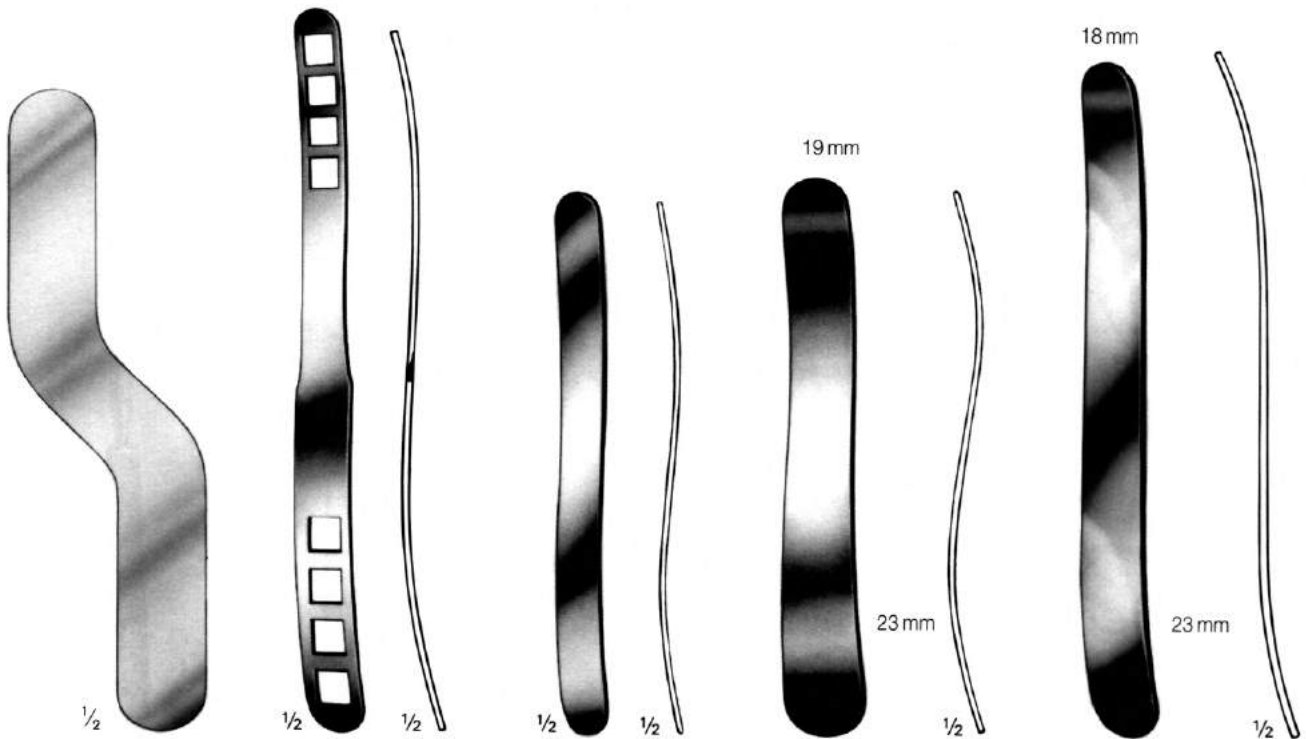
1/4

29 mm
 N-0224.29



35 mm
 N-0224.35

Tongue depressors, tongue spatulas
Abaisse-langues, spatules buccales
Bajalenguas, espátulas bucales



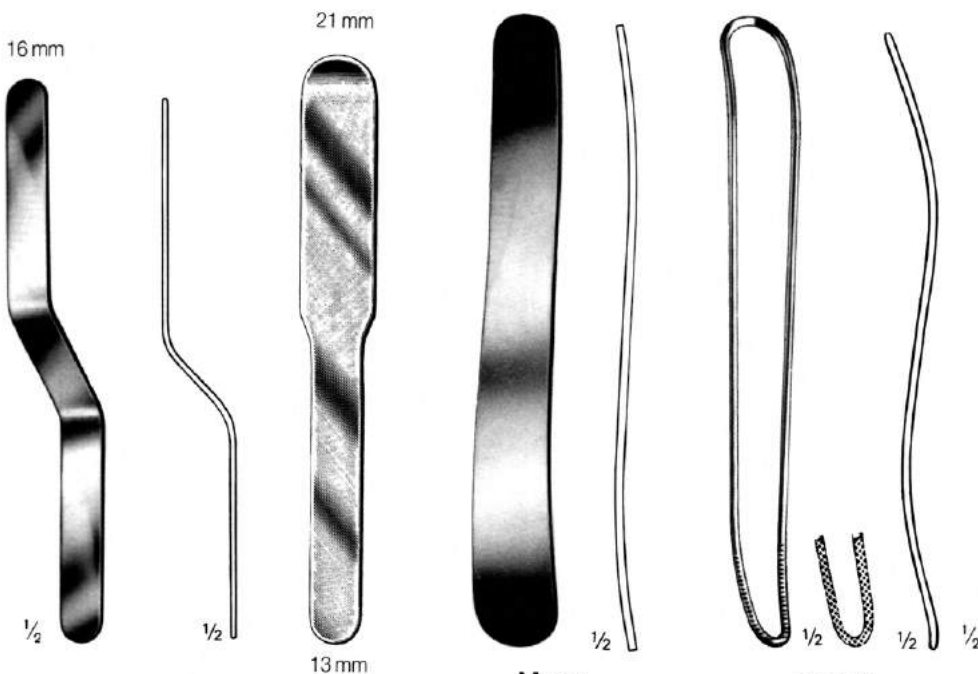
Dutch Pattern
 17 cm/6 3/4"
 N-0248.17

Bruenings
 19 cm/7 1/2"
 N-0250.19

14,5 cm/5 3/4"
 N-0251.14

Kroenig
 15 cm/6"
 N-0252.15

Buchwald
 18 cm/7"
 N-0252.18



14 cm/5 1/4"
 N-0253.14

16 cm/6 1/4"
 N-0255.16

Mayo
 17 cm/6 3/4"
 N-0257.17

Frenzel
 16,5 cm/6 1/2"
 N-0265.16

Maunder

Oral Screws
 N-0380.40
 of wood
 N-0382.40
 of hard rubber



**Tonsillectomy
Amygdalectomie
Amigdalotomía**

Tonsillectomes

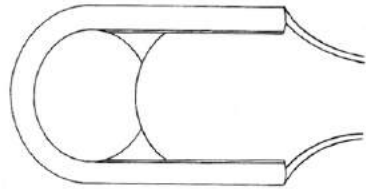


Fig. 1

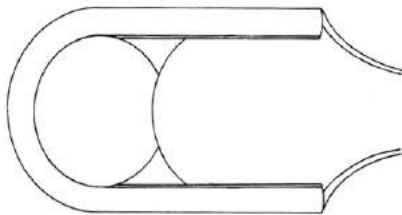


Fig. 2

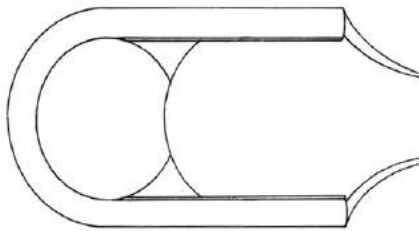
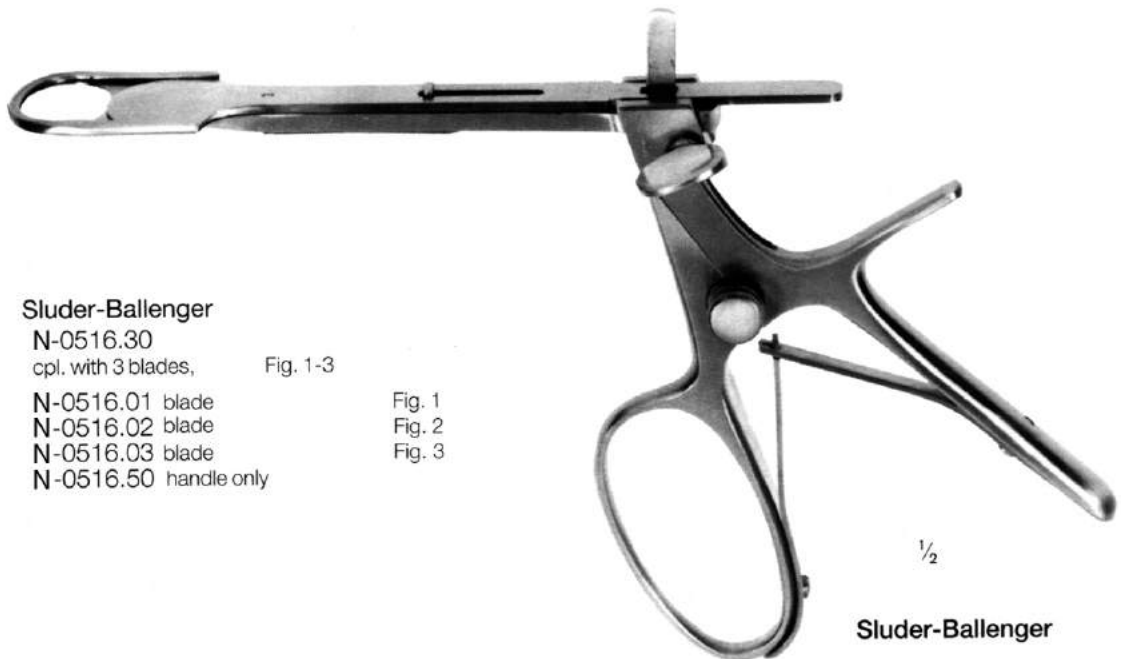


Fig. 3

1/4



Sluder-Ballenger

N-0516.30
cpl. with 3 blades,

Fig. 1-3

N-0516.01 blade

Fig. 1

N-0516.02 blade

Fig. 2

N-0516.03 blade

Fig. 3

N-0516.50 handle only

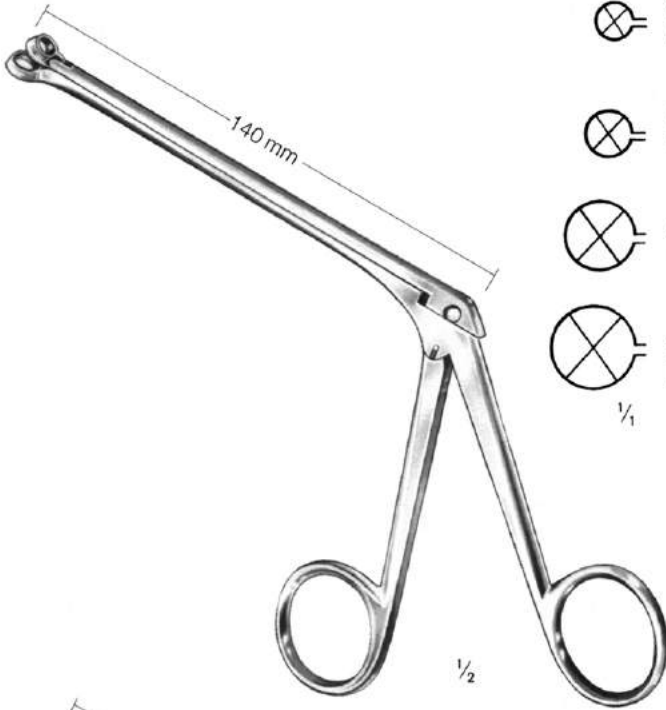
1/2

Sluder-Ballenger



Tonsillectomy
Amygdalectomie
Amigdalotomía

Tonsil Punch Forceps



Ø 5 mm
N-5504.05

Ø 7 mm
N-5504.07

Ø 9 mm
N-5504.09

Ø 11 mm
N-5504.11
1/4

Ø 5 mm
N-5508.05

Ø 7 mm
N-5508.07

Ø 9 mm
N-5508.09
1/4

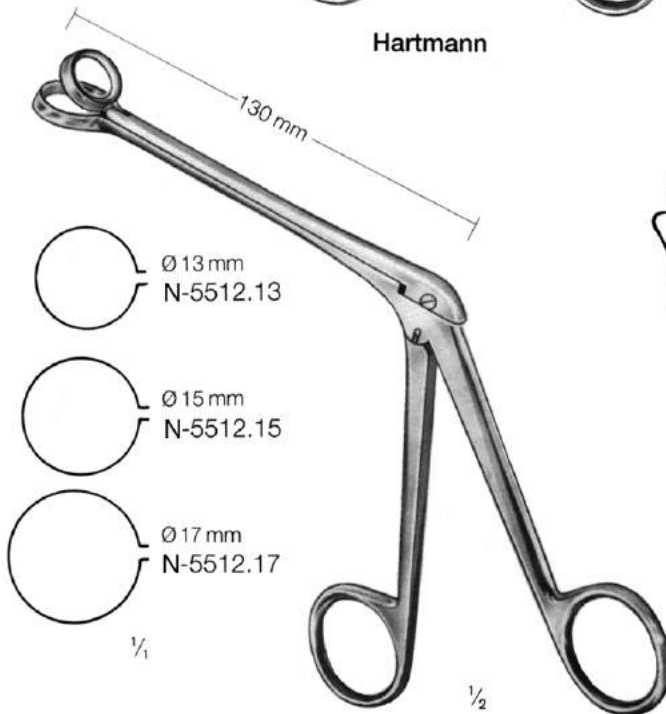


Schmeden

Hartmann

Peritonsillar Abscess Forceps

Tonsil Hemostat



Ø 13 mm
N-5512.13

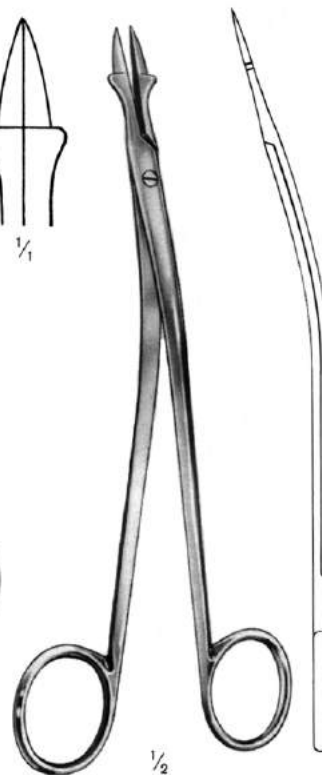
Ø 15 mm
N-5512.15

Ø 17 mm
N-5512.17
1/4

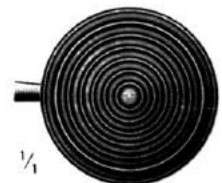
Hartmann



1/4



Thilenius
20 cm/8"
N-5525.20



1/4

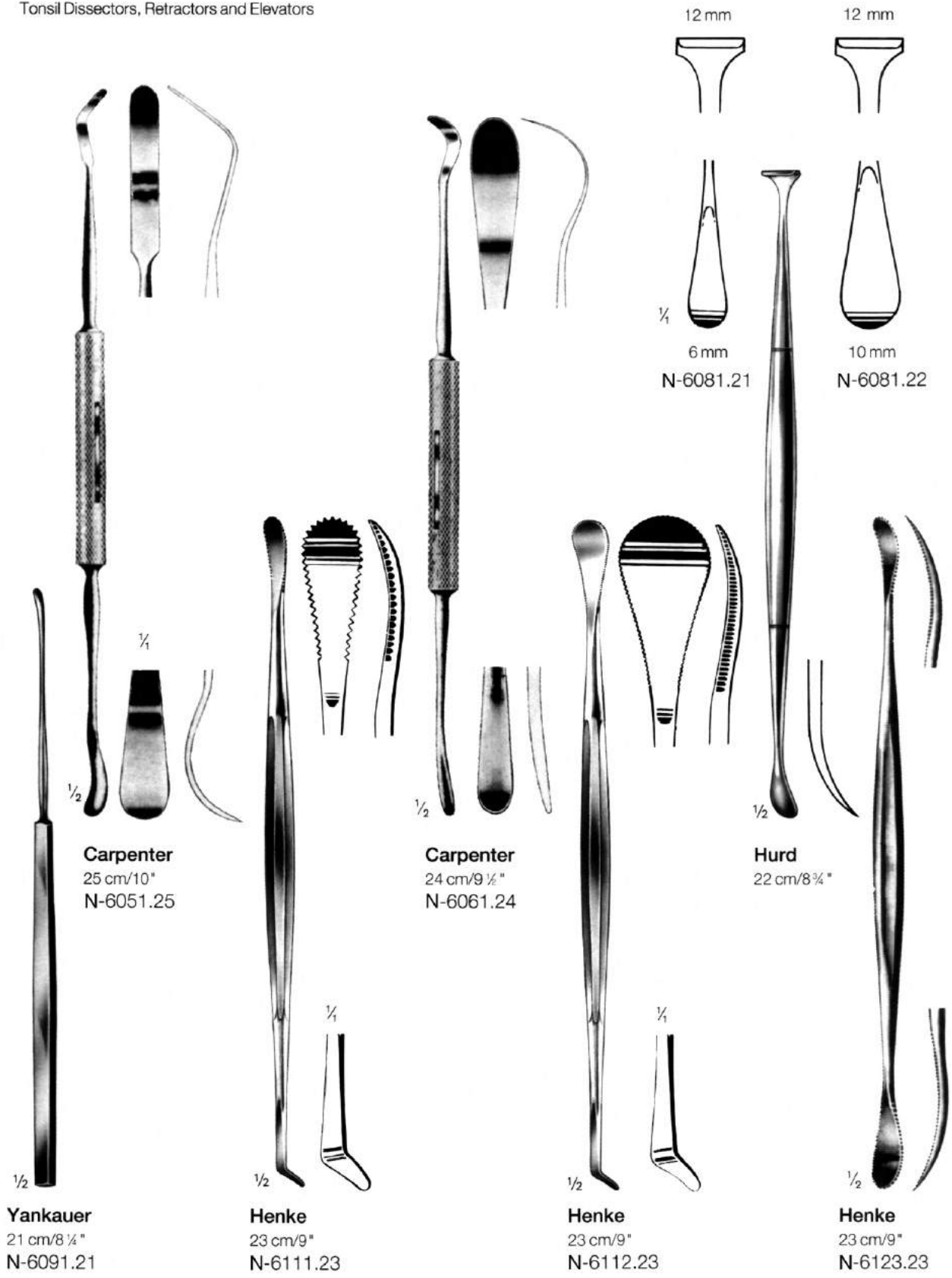


Corwin
14 cm/5 1/2"
N-5546.14

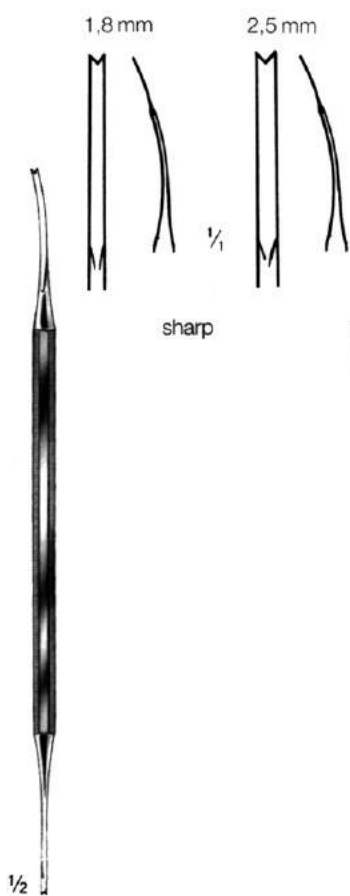


Tonsillectomy
Amygdalectomie
Amigdalotomía

Tonsil Dissectors, Retractors and Elevators



Tonsil Gauze Packer



Luniatschek

19 cm/7 1/2"
N-6149.18 = 1,8 mm
N-6149.25 = 2,5 mm

Nasopharyngeal and Uvula Retractors



Love

15 cm/6" B
N-6155.18 = 18 mm
N-6155.20 = 20 mm
N-6155.22 = 22 mm

Soft Palate Retractor



Nager

23 cm/9"
N-6243.23

Velum Retractor



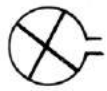
Haslinger

17 cm/6 3/4"
N-6253.17

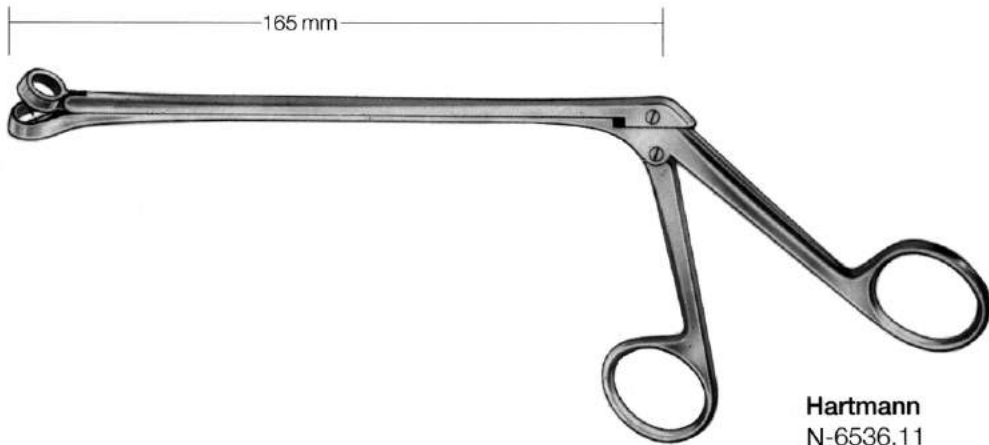


Tonsillectomy
Amygdalectomie
Amigdalotomía

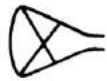
Adenoid Punches



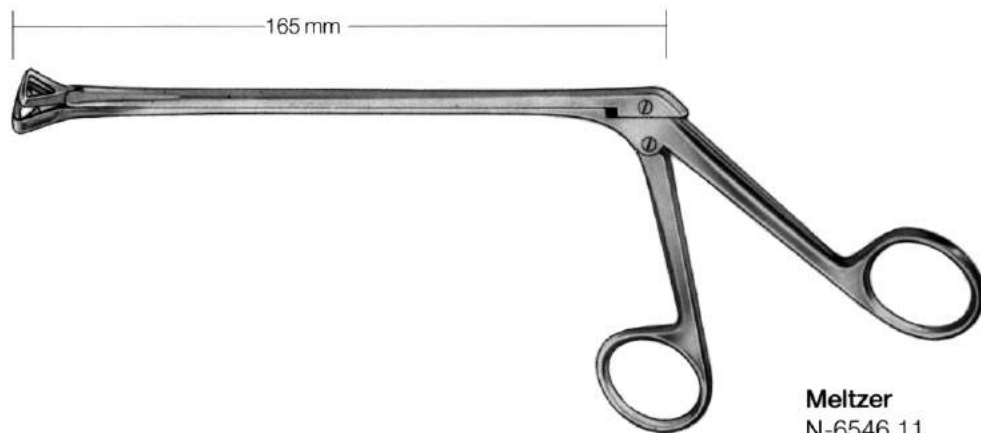
Ø 11 mm



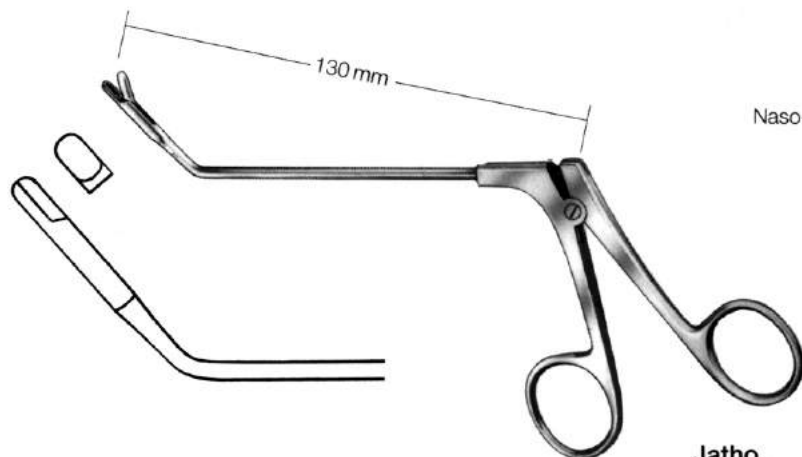
Hartmann
N-6536.11



11 mm



Meltzer
N-6546.11

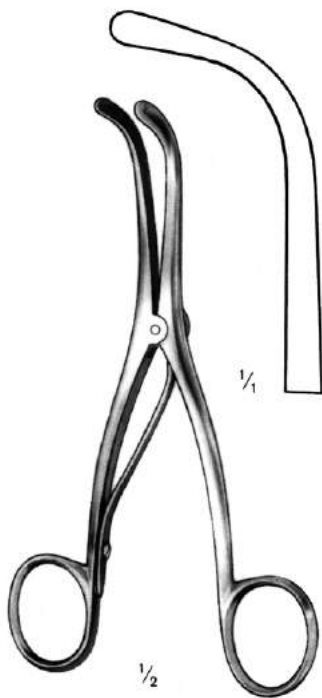


Naso-Pharyngeal Forceps

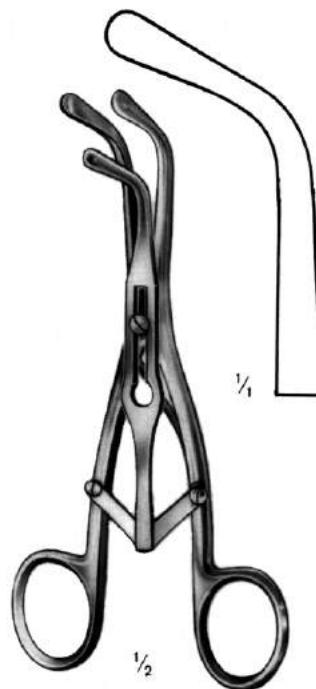
Jatho
N-6551.13



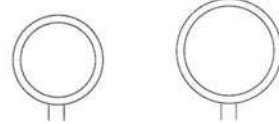
Tracheal dilators



Trousseau
14 cm/5 $\frac{1}{2}$ "
N-7014.05

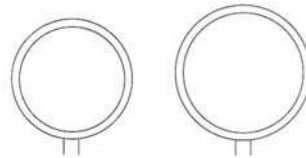


Laborde
14 cm/5 $\frac{1}{2}$ "
N-7050.14



Ø 12 mm
 N-1402.12

Ø 14 mm
 N-1402.14



1/4

Ø 16 mm
 N-1402.16

Ø 18 mm
 N-1402.18

Epiglottis Retractor



1/2

Reichert
 24 cm/9 1/2"
 N-1351.24

Rhinoscopic Mirrors

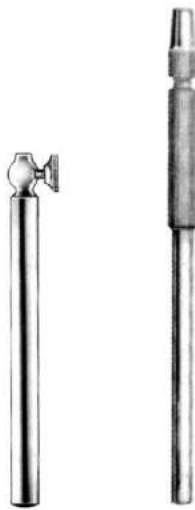


1/2

Michel
 25 cm/10"
 N-1402.##

Laryngeal Mirrors and Handles

Handles for Laryngeal Mirrors



N-1405.20 N-1405.42

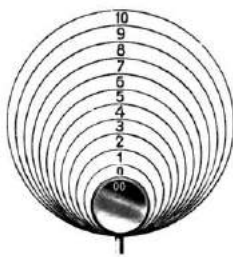


Fig. 000 = Ø 6 mm
 Fig. 00 = Ø 8 mm
 Fig. 0 = Ø 10 mm
 Fig. 1 = Ø 12 mm
 Fig. 2 = Ø 14 mm
 Fig. 3 = Ø 16 mm
 Fig. 4 = Ø 18 mm
 Fig. 5 = Ø 20 mm
 Fig. 6 = Ø 22 mm
 Fig. 7 = Ø 24 mm
 Fig. 8 = Ø 26 mm
 Fig. 9 = Ø 28 mm
 Fig. 10 = Ø 30 mm

without handle



N-1404.06
 N-1404.08
 N-1404.10
 N-1404.12
 N-1404.14
 N-1404.16
 N-1404.18
 N-1404.20
 N-1404.22
 N-1404.24
 N-1404.26
 N-1404.28
 N-1404.30

with solid hexagonal handle



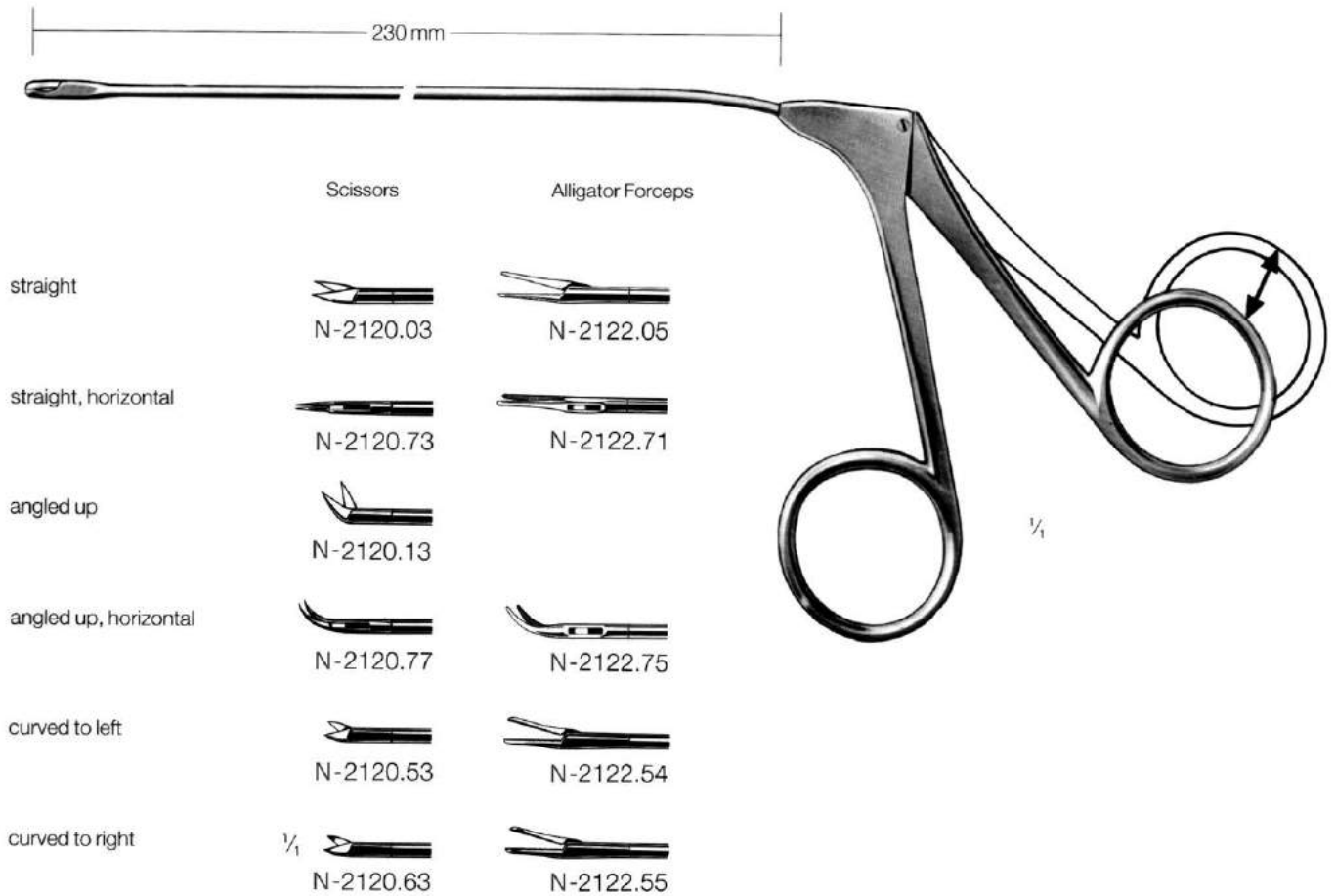
N-1410.06
 N-1410.08
 N-1410.10
 N-1410.12
 N-1410.14
 N-1410.16
 N-1410.18
 N-1410.20
 N-1410.22
 N-1410.24
 N-1410.26
 N-1410.28
 N-1410.30

with solid round handle



N-1412.06
 N-1412.08
 N-1412.10
 N-1412.12
 N-1412.14
 N-1412.16
 N-1412.18
 N-1412.20
 N-1412.22
 N-1412.24
 N-1412.26
 N-1412.28
 N-1412.30

Instruments for endo-laryngeal Micro Surgery















Delicate Cup-shaped Forceps, Ø 2,5 mm



Forceps with tubular shafts for Laryngoscopy



Diameter of tube: 1.5 mm

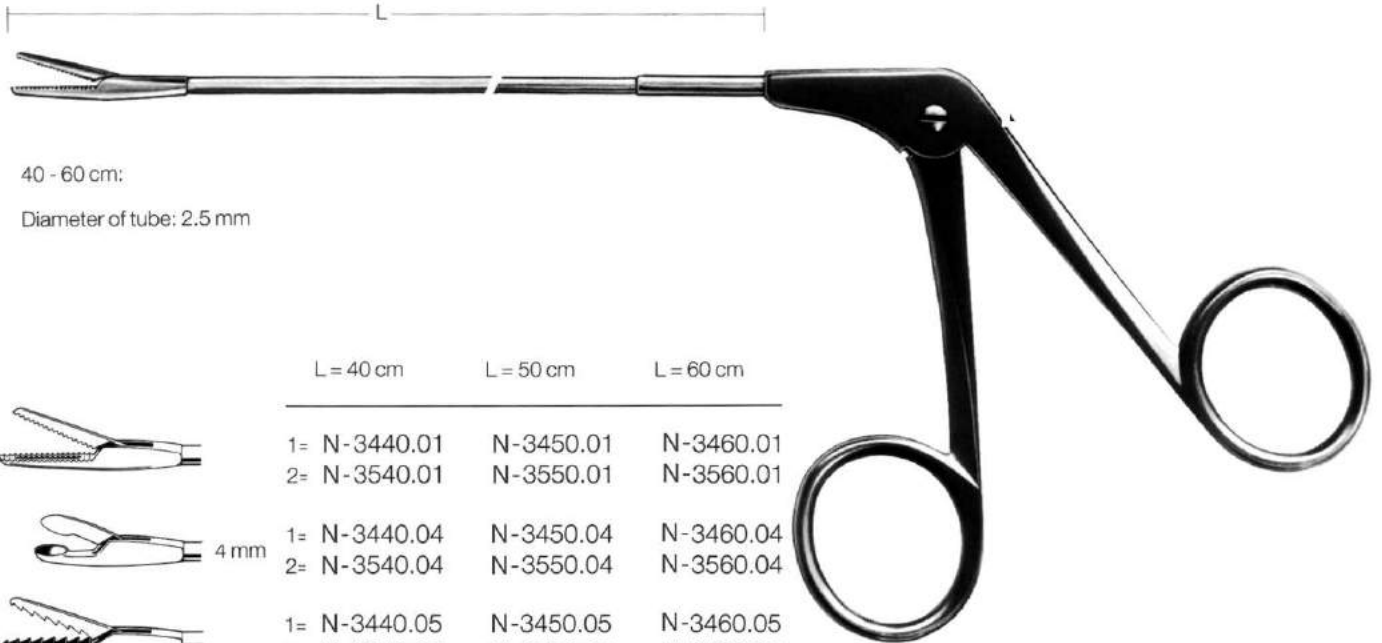
- | | | |
|---|-----------|------------------------------|
|  | | 1= N-3435.01 |
|  | 2 mm | 2= N-3535.02 |
|  | 3 mm | 1= N-3435.03
2= N-3535.03 |
|  | | 1= N-3435.05
2= N-3535.05 |
|  | | 1= N-3435.08
2= N-3535.08 |
|  | | 1= N-3435.09
2= N-3535.09 |
|  | oval 2 mm | 1= N-3435.11 |
|  | 3x5 mm | 1= N-3435.12
2= N-3535.12 |
|  | 3 mm | 1= N-3435.50 |
|  | 3 mm | 1= N-3435.54 |
|  | 3 mm | 1= N-3435.55 |
|  | 3 mm | 1= N-3435.75 |

1 = one part of jaw movable

2 = both part of jaw movable












1/1

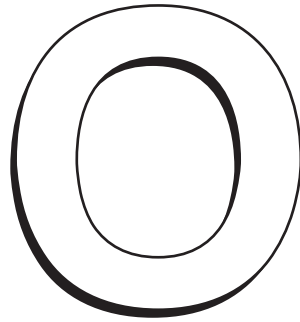
Forceps with tubular shafts for Laryngo-Broncho-Esophagoscopy



40 - 60 cm:

Diameter of tube: 2.5 mm

	L = 40 cm	L = 50 cm	L = 60 cm	
	1= N-3440.01	N-3450.01	N-3460.01	
	2= N-3540.01	N-3550.01	N-3560.01	
	1= N-3440.04	N-3450.04	N-3460.04	
4 mm	2= N-3540.04	N-3550.04	N-3560.04	
	1= N-3440.05	N-3450.05	N-3460.05	
	2= N-3540.05	N-3550.05	N-3560.05	
	1= N-3440.08	N-3450.08	N-3460.08	
	2= N-3540.08	N-3550.08	N-3560.08	
	1= N-3440.09	N-3450.09	N-3460.09	
	2= N-3540.09	N-3550.09	N-3560.09	1 = one part of jaw movable
	3 x 6 mm 1= N-3440.36	N-3450.36	N-3460.36	
	4 x 6 mm 1= N-3440.46	N-3450.46	N-3460.46	
	4 x 8 mm 1= N-3440.48	N-3450.48	N-3460.48	2 = both part of jaw movable
	4 mm 1= N-3440.50	N-3450.50	N-3460.50	
	4 mm 1= N-3440.54	N-3450.54	N-3460.54	
	4 mm 1= N-3440.55	N-3450.55	N-3460.55	
	4 mm 1= N-3440.75	N-3450.75	N-3460.75	
	1= N-3440.92	N-3450.92	N-3460.92	
$\frac{1}{4}$ Tumor Punch				

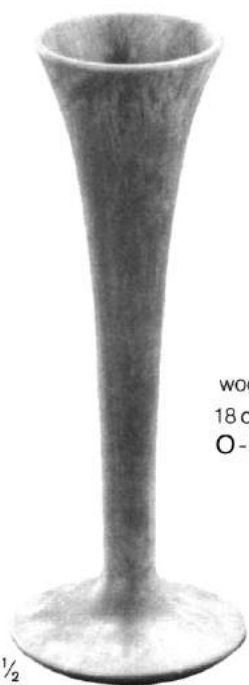


- Diagnostics
- Diagnostic
- Diagnostico

Percussion and Reflex Hammers



Stethoscopes



wood
18 cm/7"
O-0230.25

1/2

Pinard



aluminium
15 cm/6"
O-0230.26

Pinard

c 128



Hartmann

- c 128 O-0010.31
- c¹ 256 O-0010.32
- c² 512 O-0010.33
- c³ 1024 O-0010.34
- c⁴ 2048 O-0010.35
- c⁵ 4096 O-0010.37

c⁵ 4096



c 128



Lucae

- c 128 O-0020.41
- c¹ 256 O-0020.42
- c² 512 O-0020.43
- c³ 1024 O-0020.44
- c⁴ 2048 O-0020.45
- c⁵ 4096 O-0020.46

c⁵ 4096



Hartmann

O-0011.81

Set of 5 Tuning Forks
 consisting of:

- c 128 O-0010.31
- c¹ 256 O-0010.32
- c² 512 O-0010.33
- c³ 1024 O-0010.34
- c⁴ 2048 O-0010.35



French

C-₂ 16
 O-0025.01



French

C-₁ 32
 O-0025.02



Hartmann

C 64
 O-0025.03



Hartmann

c 128
 O-0025.04



Hartmann

c¹ 256
 O-0025.05



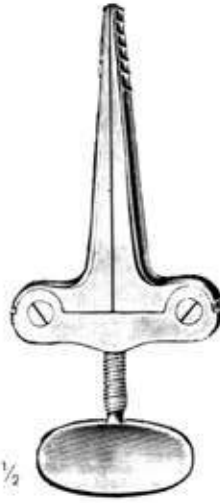
Ziegler
Head Mirrors
O-3020.09 90 mm Ø
O-3020.10 100 mm Ø

Mouth Gags



1/2

Denhart
 12 cm/4 3/4"
 O-5100.12



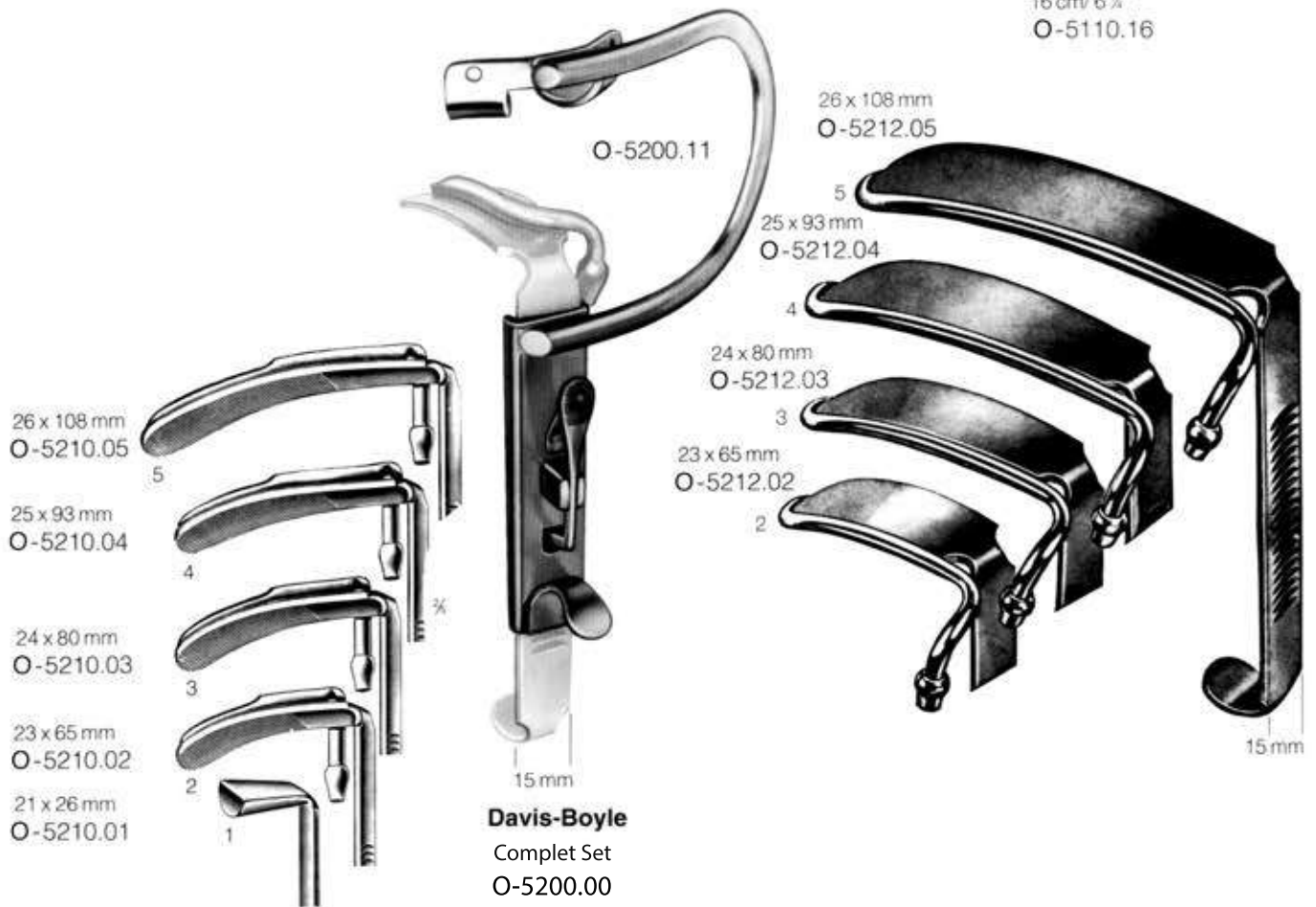
1/2

Heister
 13 cm/5"
 O-5104.13



1/2

Roser-König
 16 cm/6 1/4"
 O-5110.16



26 x 108 mm
 O-5210.05

25 x 93 mm
 O-5210.04

24 x 80 mm
 O-5210.03

23 x 65 mm
 O-5210.02

21 x 26 mm
 O-5210.01

5

4

3

2

1

O-5200.11

26 x 108 mm
 O-5212.05

5
 25 x 93 mm
 O-5212.04

4
 24 x 80 mm
 O-5212.03

3
 23 x 65 mm
 O-5212.02

2

15 mm

Davis-Boyle
 Complet Set
 O-5200.00

15 mm

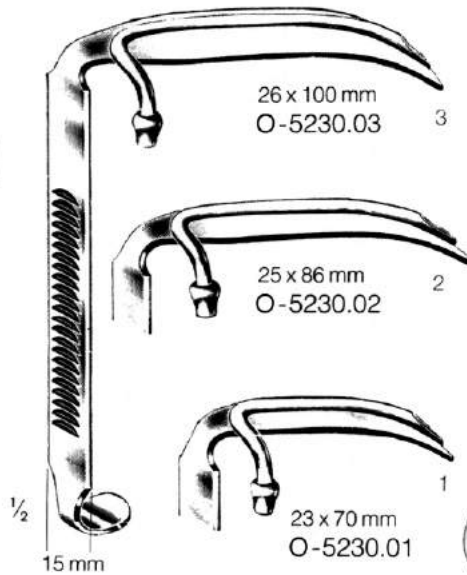
with ether tube

without ether tube



O-5203.10

Mclvor
set cpl.
O-5230.00



26 x 100 mm
O-5230.03

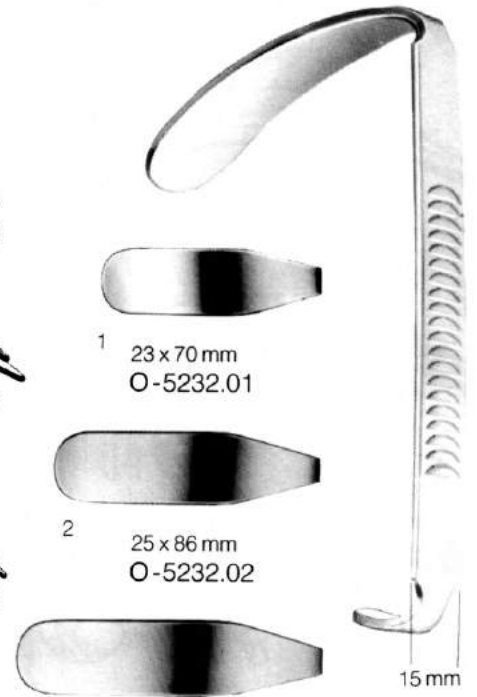
25 x 86 mm
O-5230.02

23 x 70 mm
O-5230.01

1/2

15 mm

Other patterns on request



1
23 x 70 mm
O-5232.01

2
25 x 86 mm
O-5232.02

3
26 x 100 mm
O-5232.03

15 mm

Mclvor



O-5202.10

Kilner-Doughty
set cpl.
O-5240.00



37 x 80 mm
O-5240.03

32 x 75 mm
O-5240.02

28 x 65 mm
O-5240.01

1/2

15 mm



37 x 80 mm
O-5255.03

32 x 75 mm
O-5255.02

28 x 65 mm
O-5255.01

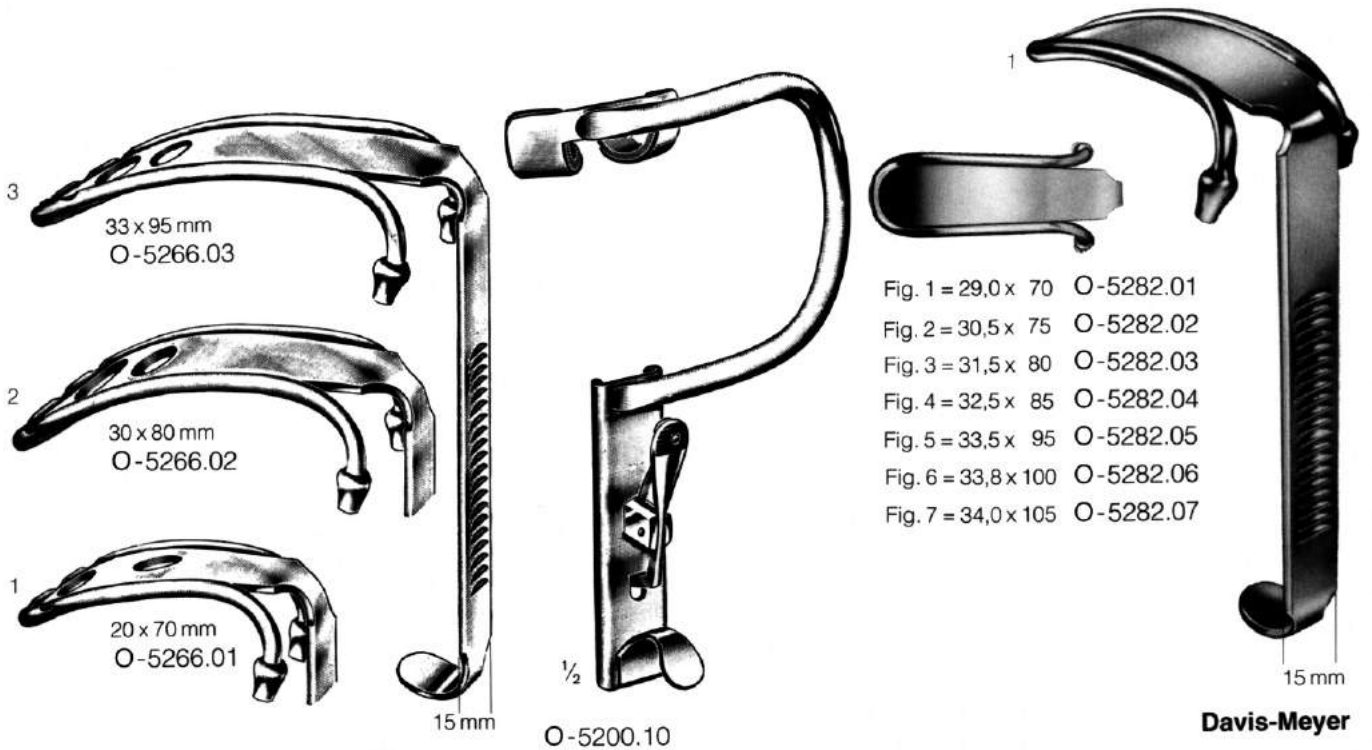
3

2

1

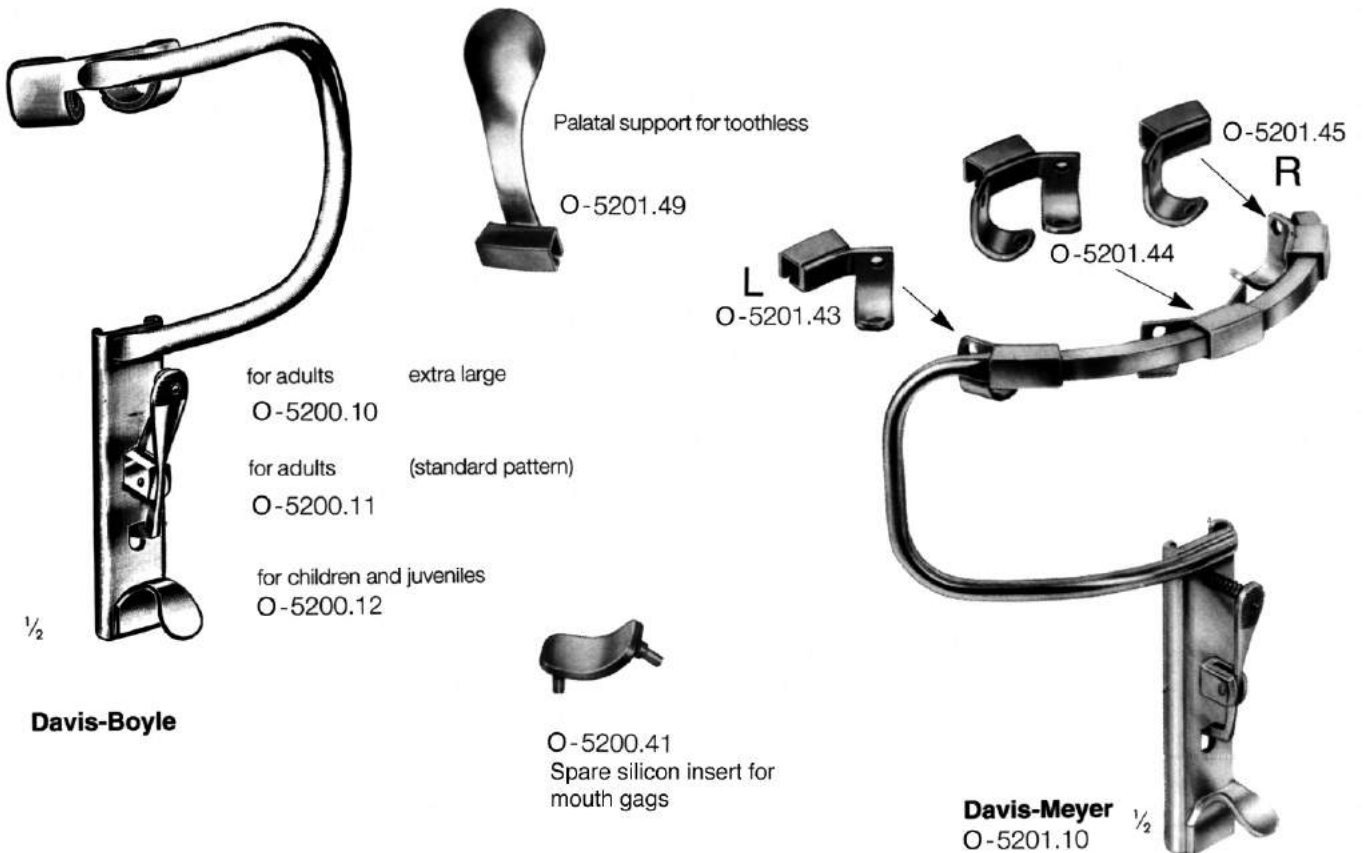
15 mm

Gast



Negus

set cpl.
O-5266.00



Davis-Boyle

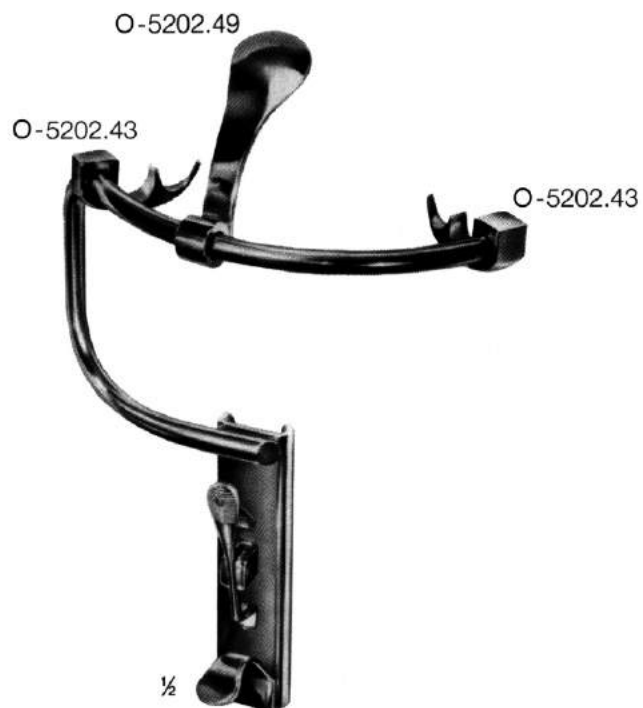
for adults extra large
O-5200.10

for adults (standard pattern)
O-5200.11

for children and juveniles
O-5200.12

O-5200.41
Spare silicon insert for
mouth gags

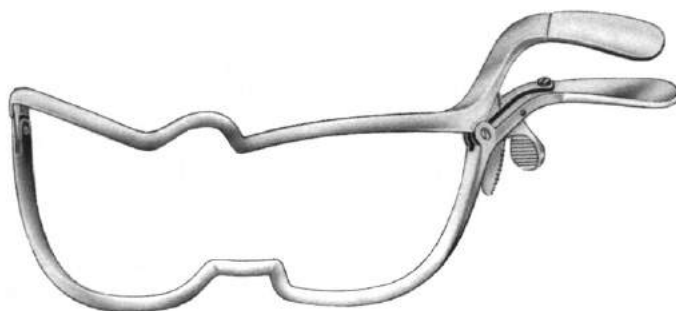
Davis-Meyer
O-5201.10 1/2



Kilner-Doughty
O-5202.10

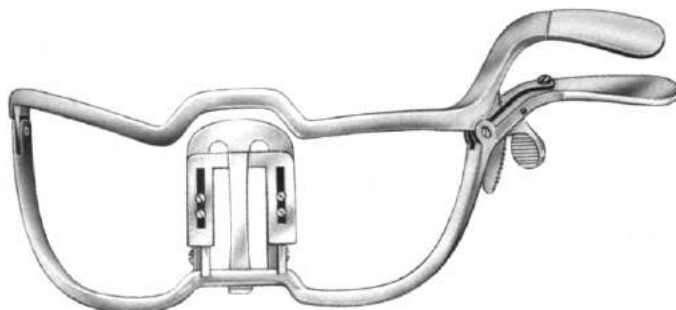
Mclvor
O-5203.10





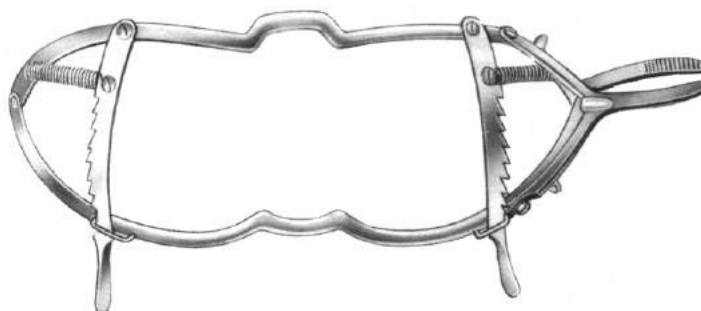
Jennings
 O-5510.09 9 cm/3 ½"
 O-5510.11 11 cm/4 ¼"
 O-5510.13 13 cm/5"
 O-5510.15 15 cm/6"

without tongue depressor



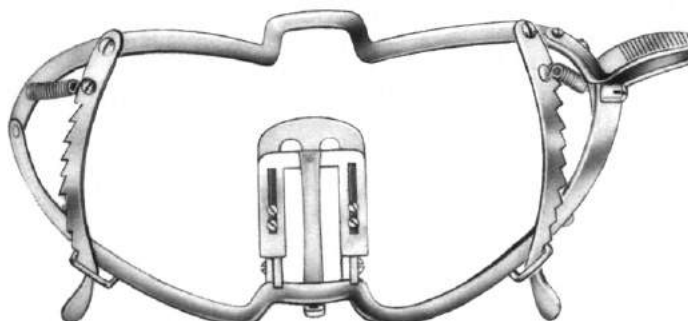
Jennings
 O-5511.09 9 cm/3 ½"
 O-5511.11 11 cm/4 ¼"
 O-5511.13 13 cm/5"
 O-5511.15 15 cm/6"

with tongue depressor



Whitehead
 O-5520.09 9 cm/3 ½"
 O-5520.11 11 cm/4 ¼"
 O-5520.13 13 cm/5"
 O-5520.15 15 cm/6"

without tongue depressor



Whitehead
 O-5521.09 9 cm/3 ½"
 O-5521.11 11 cm/4 ¼"
 O-5521.13 13 cm/5"
 O-5521.15 15 cm/6"

with tongue depressor



- O-5530.09 9 cm/3 1/2"
- O-5530.11 11 cm/4 1/4"
- O-5530.13 13 cm/5"
- O-5530.15 15 cm/6"

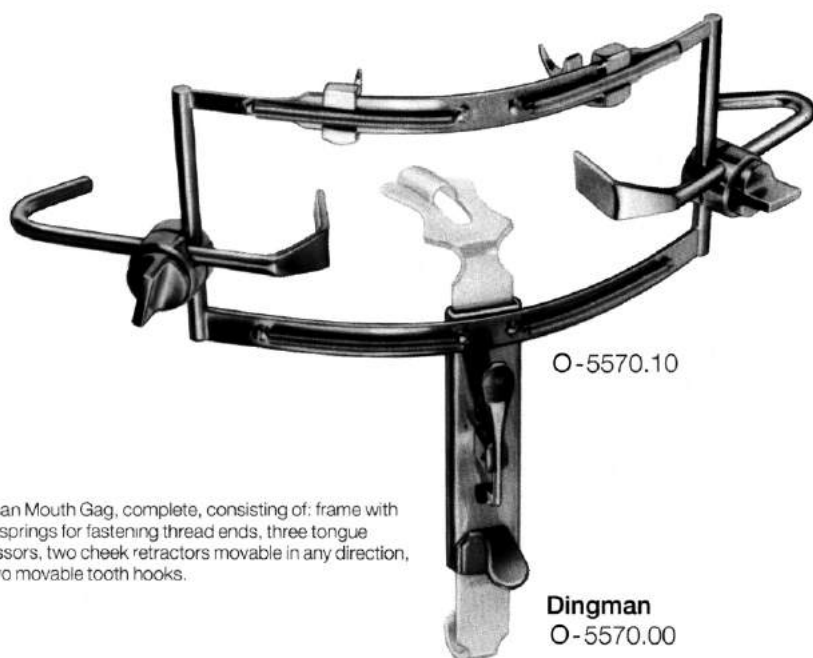
without tongue depressor



Seemann-Seiffert

- O-5540.09 9 cm/3 1/2"
- O-5540.11 11 cm/4 1/4"
- O-5540.13 13 cm/5"

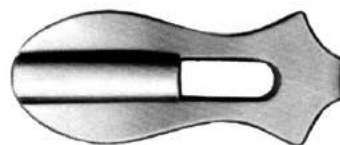
without tongue depressor



O-5570.10

Dingman
O-5570.00

Dingman Mouth Gag, complete, consisting of: frame with coiled springs for fastening thread ends, three tongue depressors, two cheek retractors movable in any direction, and two movable tooth hooks.



31 x 75 mm
O-5570.03

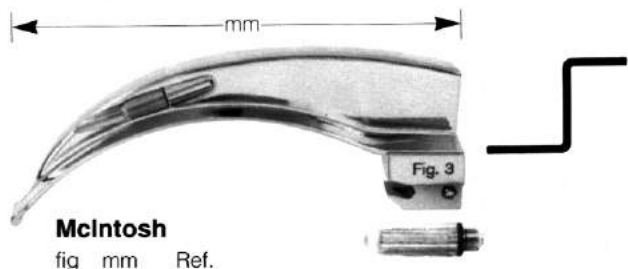


28 x 65 mm
O-5570-02



24 x 62 mm
O-5570-01

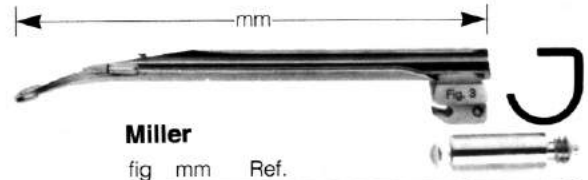
Laryngoscopes and Accessories



McIntosh

fig	mm	Ref.
0	75	O-6110.75
1	90	O-6110.90
2	110	O-6111.10
3	130	O-6111.30
4	150	O-6111.50

O-6107.10
O-6107.11



Miller

fig	mm	Ref.
0	75	O-6210.75
1	100	O-6211.00
2	155	O-6211.55
3	195	O-6211.95
4	205	O-6212.05

O-6107.10
O-6107.11



O-6130.02
Set consisting of:

- 1 x O-6101.30
- 2 x O-6107.11
- 1 x O-6110.90
- 1 x O-6111.10
- 1 x O-6111.30
- 1 x O-6100.30

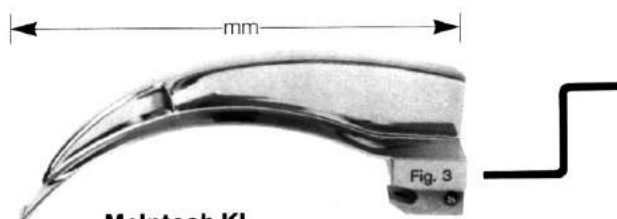
McIntosh
O-6130.02
McIntosh KL
O-7130.02



O-6250.02
Set consisting of:

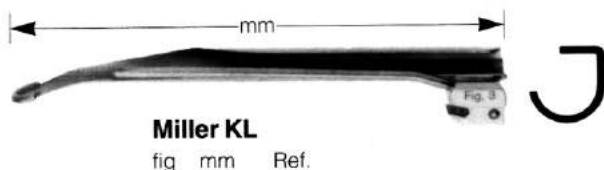
- 1 x O-6101.30
- 1 x O-6107.10
- 1 x O-6107.11
- 1 x O-6210.75
- 1 x O-6211.00
- 1 x O-6211.55
- 1 x O-6211.95
- 1 x O-6212.05
- 1 x O-6100.50

Miller
O-6250.02
Miller KL
O-7250.02



McIntosh KL

fig	mm	Ref.
0	75	O-7110.75
1	90	O-7110.90
2	110	O-7111.10
3	130	O-7111.30
4	150	O-7111.50



Miller KL

fig	mm	Ref.
0	75	O-7210.75
1	100	O-7211.00
2	155	O-7211.55
3	195	O-7211.95
4	205	O-7212.05

- O-7130.02**
Set consisting of:
- 1 x O-7101.32
 - 1 x O-7107.10
 - 1 x O-7110.90
 - 1 x O-7111.10
 - 1 x O-7111.30
 - 1 x O-6100.30

- O-7250.02**
Set consisting of:
- 1 x O-7101.32
 - 1 x O-7107.10
 - 1 x O-7210.75
 - 1 x O-7211.00
 - 1 x O-7211.55
 - 1 x O-7211.95
 - 1 x O-7212.05
 - 1 x O-6100.50



Battery Handles for Fiber Light Laryngoscopes



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