










SURGICAL INSTRUMENTS

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is one of the leading, specialized
& advance company manufacturing
Surgical instruments in Pakistan with
very high quality instruments

SURGICAL INSTRUMENTS

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<p>08</p>		<p>Probes, Applicators, Spatulas Sonden, Watteträger, Spatel Sondas, Porta-algodones, Espátula Sondes, applicateurs, spatules Sonde, applicatori, Spatole</p>	<p>Page 77 to 79</p>
<p>09</p>		<p>Bone Surgery Knochenchirurgie Cirugía ósea Chirurgie osseuse Chirurgia ossea</p>	<p>Page 80 to 114</p>
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15



Otology
 Otologie
 Otología
 Otologie
 Otologia

Page 197 to 209

16



Rhinology
 Rhinologie
 Rinología
 Rhinologie
 Rhinology

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17



Oral Instruments
 Mund instrumente
 Cirugía oral
 Instruments oraux
 Strumenti orali

Page 224 to 237

18



Stomach, Intestine, Rectum
 Magen, Darm, Mastdarm
 Estómago, Intestinos, Recto
 Estomac, Intestin, Rectum
 Stomaco, intestino, retto

Page 238 to 251

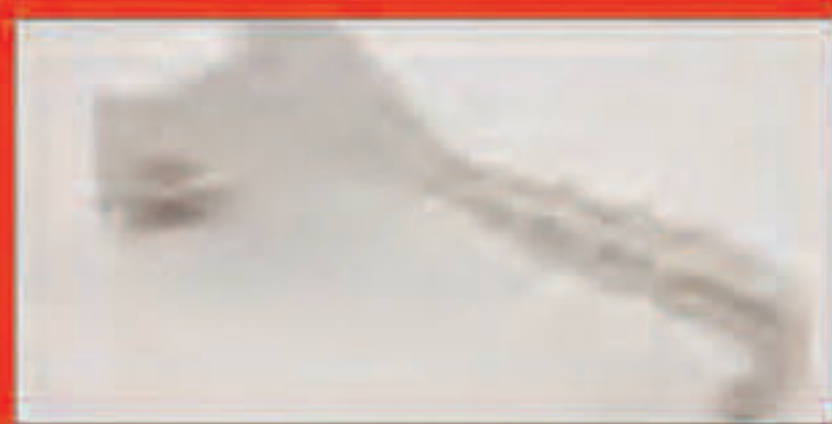
19



Kidney, Liver, Gall Stone, Urology
 Niere, Leber, Galle, Urologie
 Riñón, Hígado, Bilis, Urología
 Reins, foie, calculs biliaires, urologie
 Rene, fegato, pietra gallica, urologia

Page 252 to 262

20



Retractors
 Wundhaken und -sperrer
 Separadores
 Rétracteurs
 Divaricatori








Page 263 to 300

21



Dermatology
 Dermatologie
 Dermatología
 Dermatologie
 Dermatologia

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22		<p>Tracheotomy Tracheotomie Traqueotomía Trachéotomie Tracheotomia</p>	<p>Page 303 to 305</p>
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15



Hollowware
Hollowware
Hollowware
Hollowware
cavo

Page 341 to 348

EN	Scalpels
DE	Skalpelle
ES	Bisturías
FR	Scalpels
IT	Scalpell

Page 1 to 11



EN	Scalpel Handles
DE	Skalpelle-Griffe
ES	Mangos de bisturios
FR	Manches pour bistouris
IT	Manici per bisturi

SCALPEL



Standard
01-0101-03 # 3



01-0102-03 # 3



01-0103-03 # 4



01-0104-3L # 3L
01-0104-3XL # 3XL



01-0105-3L # 3L
01-0105-3XL # 3XL
angled



Standard
 01-0106-04 # 4

01-0107-4L # 4L
 01-0107-4XL # 4XL

01-0108-4L # 4L
 01-0108-4XL # 4XL
 angled

01-0109-07 # 7

01-0110-07 # 7K

Collin
 01-0111-08
 Fig. 8

EN	Scalpel Handles
DE	Skalpelle-Griffe
ES	Mangos de bisturios
FR	Manches pour bistouris
IT	Manici per bisturi



Collin
01-0112-09
Hollow, No. 9



Super
01-0113-10
Hollow, No. 10



01-0114-00
Hollow, round



01-0115-00
Plastics



17cm/6¾"



Fig. 1
01-0116-01



Fig. 2
01-0116-02



Fig. 3
01-0116-03



Fig. 4
01-0116-04



Fig. 5
01-0116-05



Fig. 6
01-0116-06



Fig. 7
01-0116-07



Fig. 8
01-0116-08



Fig. 9
01-0116-09



Fig. 10
01-0116-10



17cm/6¾"



Fig. 1
01-0116-01



Fig. 2
01-0116-02



Fig. 3
01-0116-03



Fig. 4
01-0116-04



Fig. 5
01-0116-05



Fig. 6
01-0116-06



Fig. 7
01-0116-07



Fig. 8
01-0116-08



Fig. 9
01-0116-09



Fig. 10
01-0116-10



Dieffenbach
 17cm/6 3/4"



Fig. 1 01-0118-01 Fig. 2 01-0118-02 Fig. 3 01-0118-03 Fig. 4 01-0118-04 Fig. 5 01-0118-05

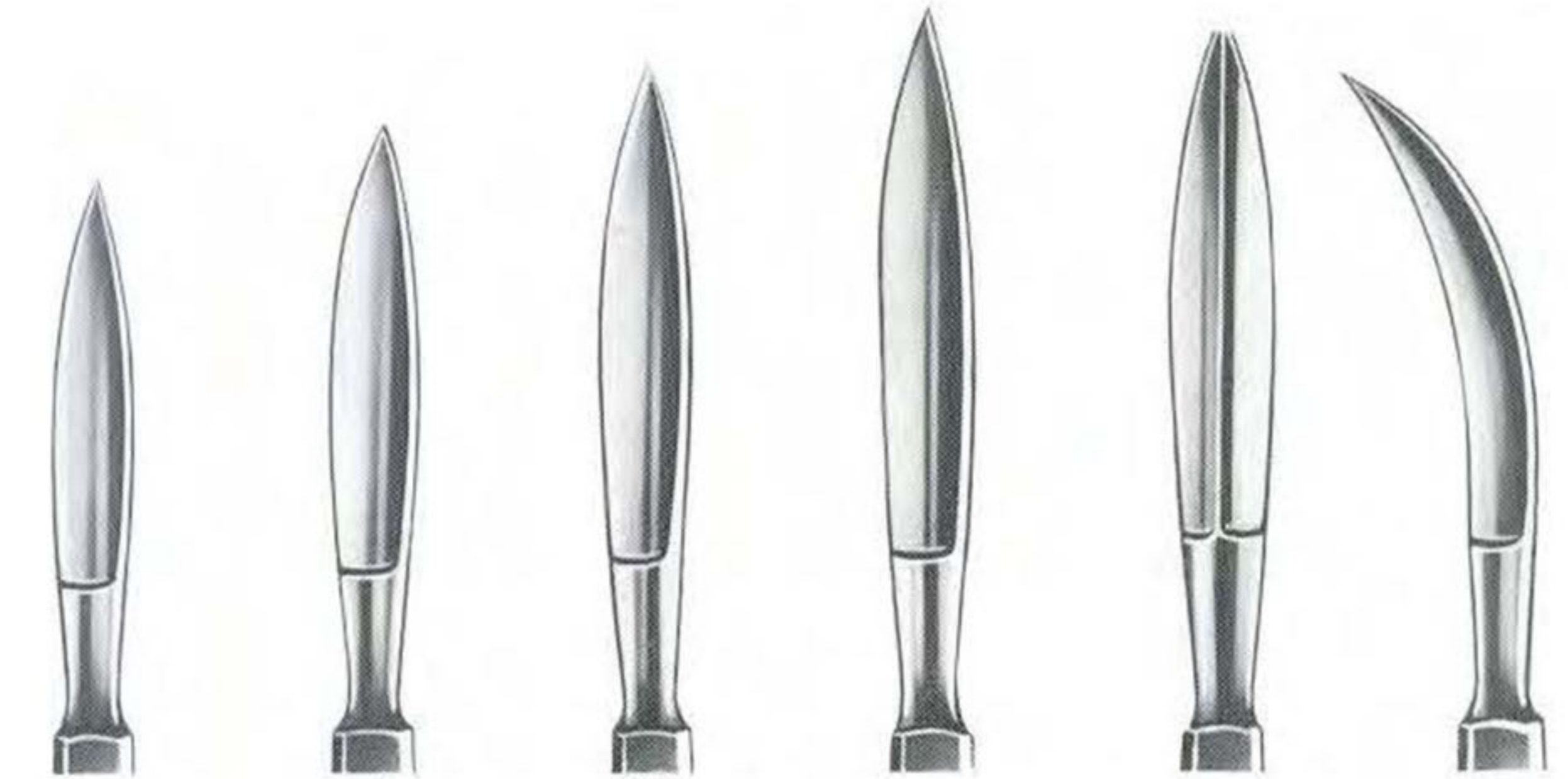


Fig. 6 01-0118-06 Fig. 7 01-0118-07 Fig. 8 01-0118-08 Fig. 9 01-0118-09 Fig. 15 01-0118-15 Fig. 16 01-0118-16

EN	Dissecting Knives
DE	Anatomische Skalpelle
ES	Bisturios para disección anatómica
FR	Bistouris à dissection
IT	Bisturi per dissezione

SCALPEL



Fig. 1
Bergmann
01-0119-01
14.5cm/5³/₄"



Dieffenbach
13cm/5¹/₄"



Fig. 2
01-0119-02



Fig. 3
01-0119-03



Fig. 4
01-0119-04



Fig. 1
01-0120-01



Fig. 2
01-0120-02



Fig. 3
01-0120-03



Fig. 4
01-0120-04



Fig. 5
01-0120-05



Fig. 6
01-0120-06



Fig. 7
01-0120-07



Fig. 8
01-0120-08



Fig. 9
01-0120-09



Fig. 10
01-0120-10



Fig. 11
01-0120-11



Fig. 12
01-0120-12



Length of blades		Collin
cm	in	
9.5	3 ¾	
11.0	4 ½	
12.0	4 ¾	
13.0	5	01-0127-13
15.0	6	
16.0	6 ¼	01-0127-16
17.0	6 ¾	
19.0	7 ½	01-0127-19
20.0	8	
22.0	8 ¾	01-0127-22
28.0	11	01-0127-28

Liston
01-0128-17
01-0128-20

Catlin
01-0129-11
01-0129-16
01-0129-19
01-0129-22

Langenbeck
01-0130-12

01-0131-09

EN	Dissecting Knives
DE	Anatomische Skalpelle
ES	Bisturios para disección anatómica
FR	Bistouris à dissection
IT	Bisturi per dissezione

SCALPEL



Skull Breaker

01-0121-14
14 cm/5½"



Rachiotome

01-0122-22
22 cm/8¾"



Osteotome

01-0123-13
13 cm/5"



Brunetti 01-0124-28
Brunetti 01-0125-28

28.5 cm/11¼"

Muscle hooks



01-0126-06
6.5 cm/2½"



01-0127-07
7 cm/2¾"



01-0128-01

Microscopic needles



01-0129-13
13 cm/5"



01-0130-13
13 cm/5"



Microscopic needle holder

Kolle
01-0131-24
24 cm/ 9½"



Loop for needle holder

01-0132-06
6 cm/2 ¼"

Post mortem needles



01-0133-01

01-0133-02

01-0133-03

01-0133-04

01-0133-05

01-0133-06

EN Dissecting Set

DE Sezieren Set

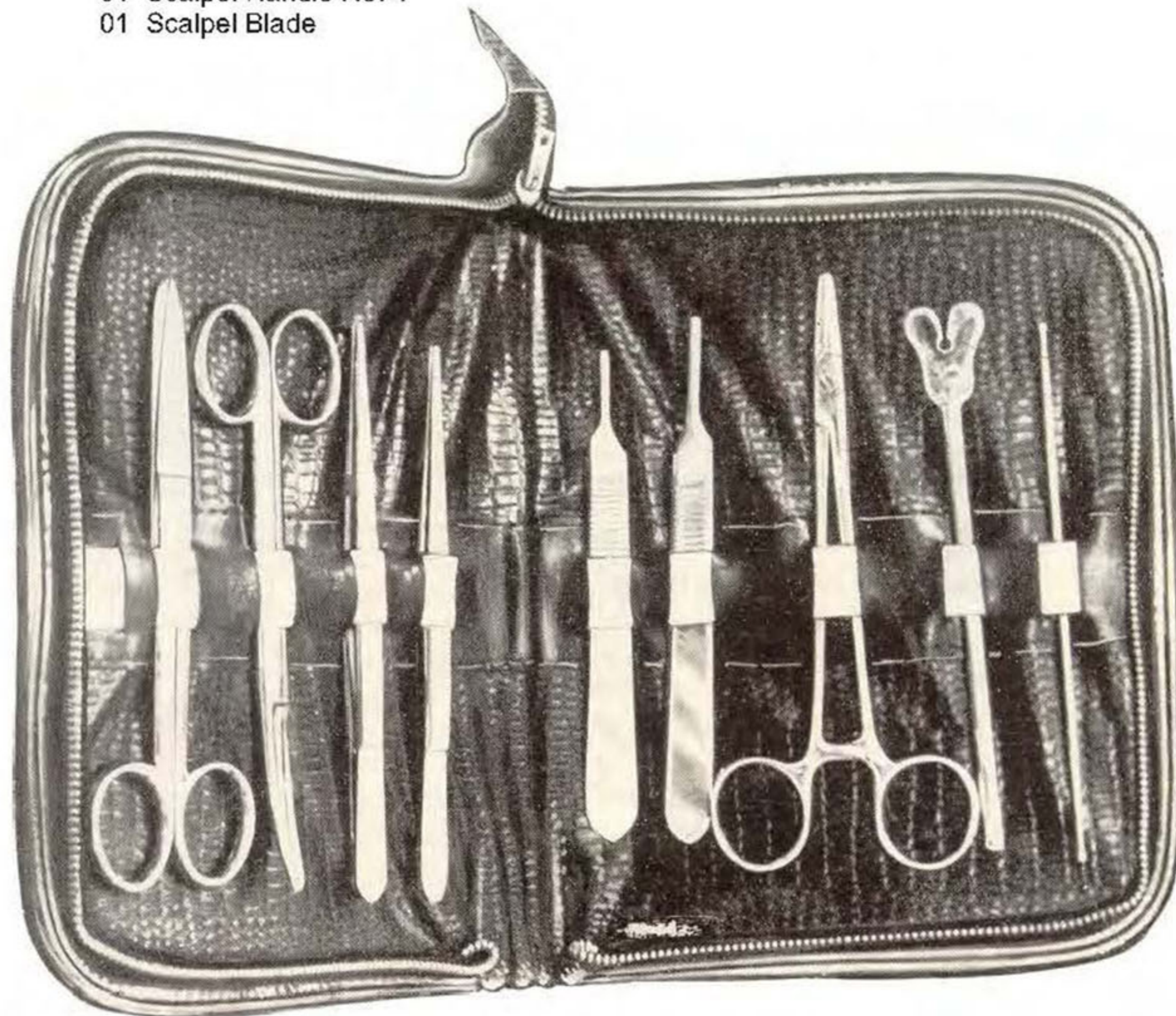
ES Conjunto de disección

FR Ensemble dissection

IT Set dissezione



- 02 Dissecting Scissors 01-0134-00
 02 Dissecting Needles
 01 Dressing Tweezers
 01 Standard Tweezers
 01 Scalpel Handle No. 4
 01 Scalpel Blade



- 01 Dressing Scissors 01-0135-00
 01 Operating Scissors
 01 Dressing Forceps
 01 Tissue Forceps
 02 Scalpel Handles
 01 Mayo Needle Holder
 02 Dissecting Needles



02-0204-00
 Battery handle



fiber optic



**McINTOSH
 with fiberoptic**

02-0201-00
 set with 4 blades, battery handle
 (without batteries)
 Fig. 1 to 4, in case

02-0202-00
 set with 3 blades, battery handle
 (without batteries)
 Fig. 1 to 3, in case



02-0203-00
 Fig. 0
 for babies
 55 mm



02-0203-01
 Fig. 1
 for children
 70 mm



02-0203-02
 Fig. 2
 for adolescents
 80 mm



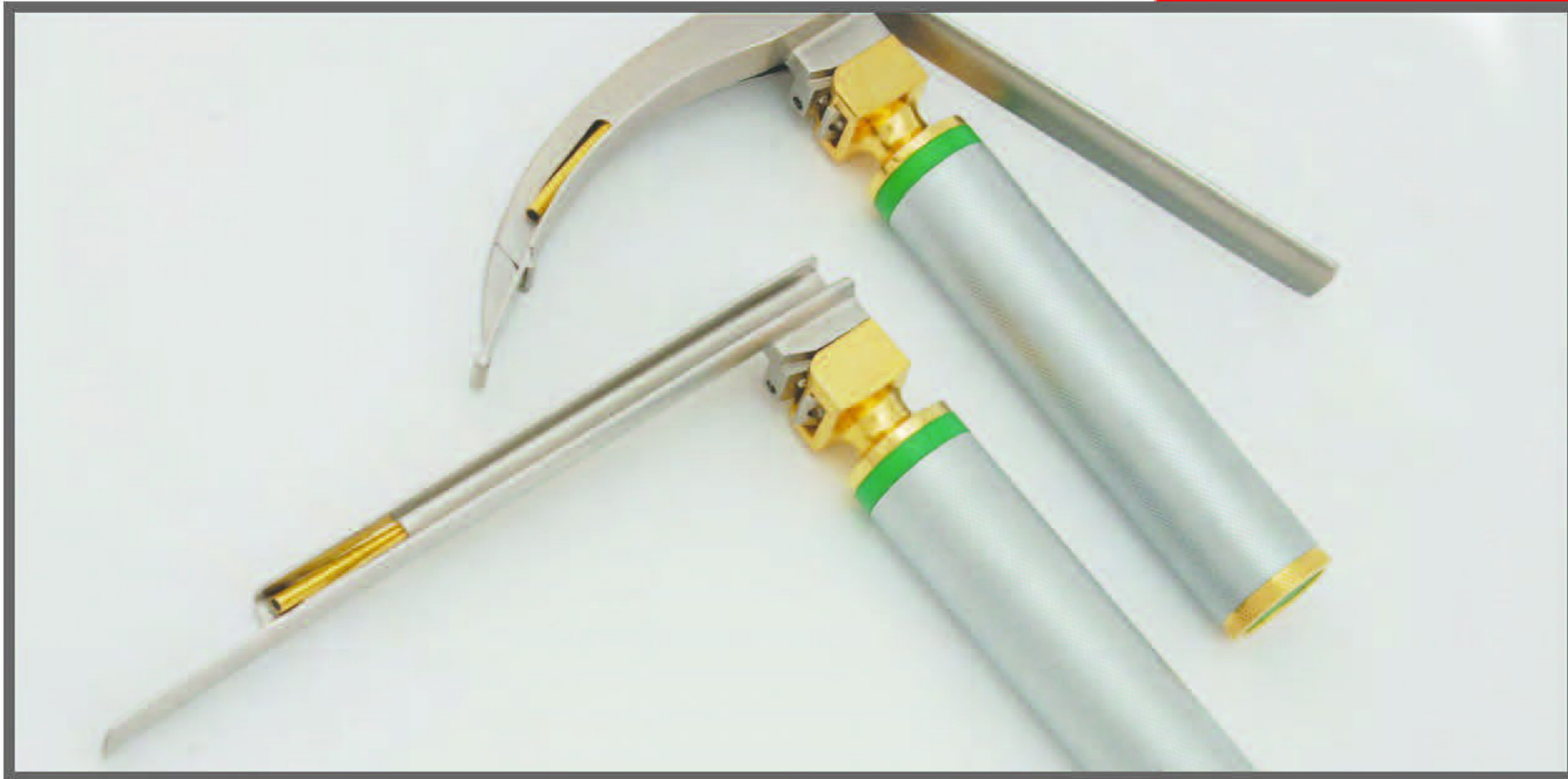
02-0203-03
 Fig. 3
 for women
 105 mm



02-0203-04
 Fig. 4
 for men
 130 mm

EN	Anaesthesia
DE	Narkose
ES	Anestesia
FR	Anesthésie
IT	Anestesia

Page 12 to 16





**FOREGGER
with fiberoptic**

02-0205-00
set with 4 blades, battery handle
(without batteries)
Fig. 1 to 4, in case

02-0205-01
set with 3 blades, battery handle
(without batteries)
Fig. 2 to 4, in case



02-0204-00
Battery handle



Laryngoscope Sets
fiber optic



02-0206-00
Fig. 0
for babies
55 mm



02-0206-01
Fig. 1
for children
70 mm



02-0206-02
Fig. 2
for adolescents
90 mm



02-0206-03
Fig. 3
for women
110 mm



02-0206-04
Fig. 4
for men
135 mm



FOREGGER
02-207-00
set with 3 blades
Fig. 2 to 4, in case



FOREGGER
02-208-00
set with 4 blades
in case
Fig. 1 to 4, in case



02-209-01
Fig. 1
for children
70 mm



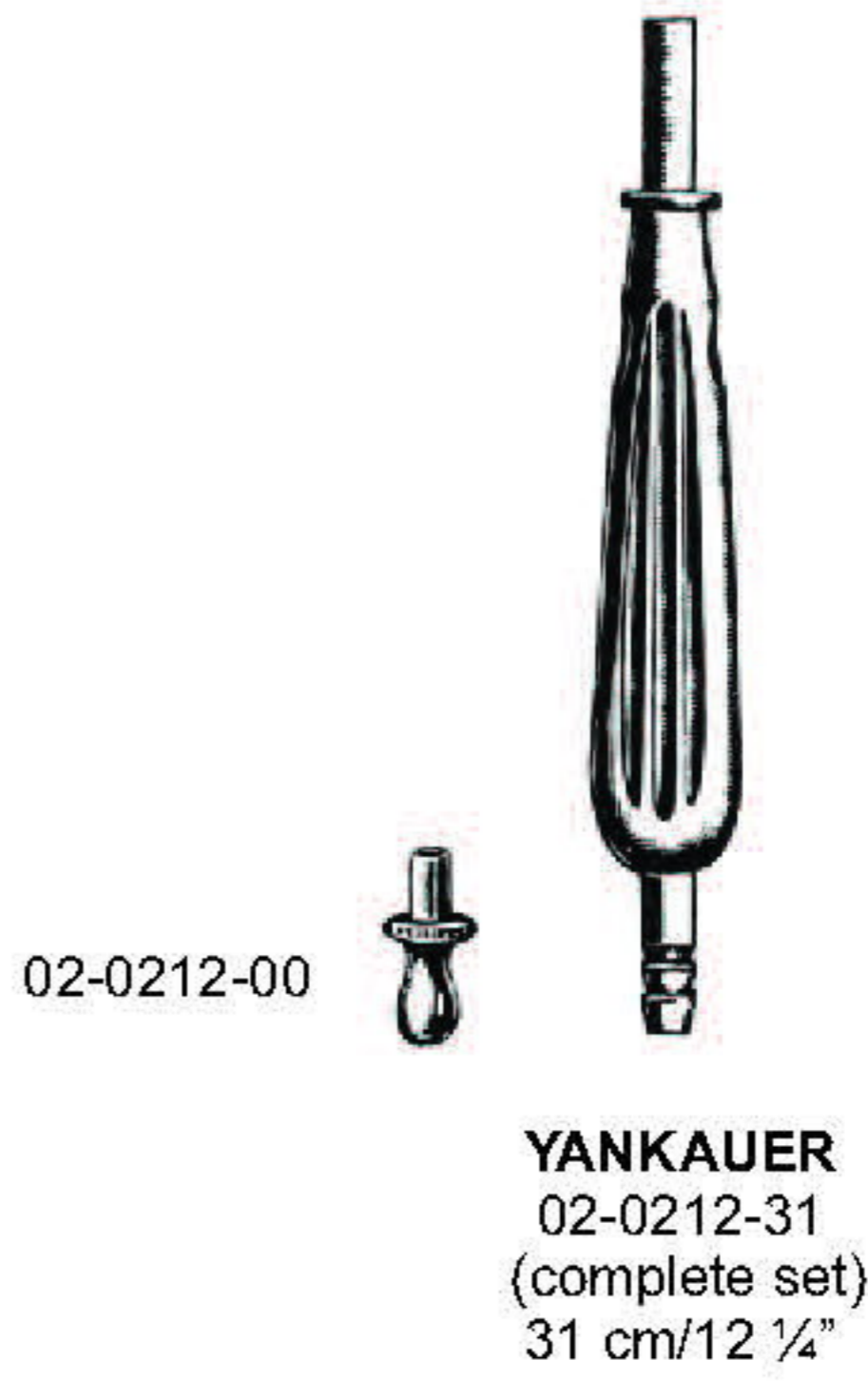
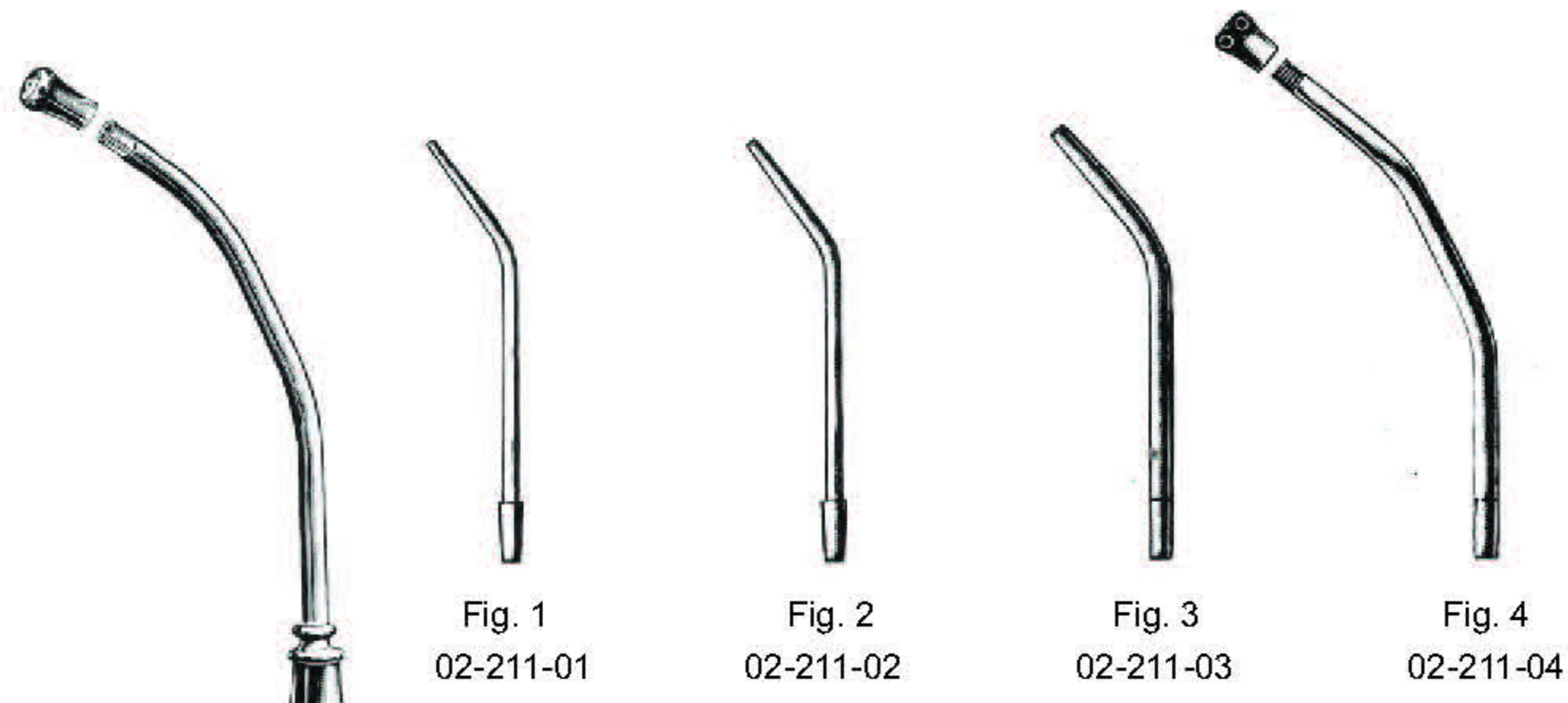
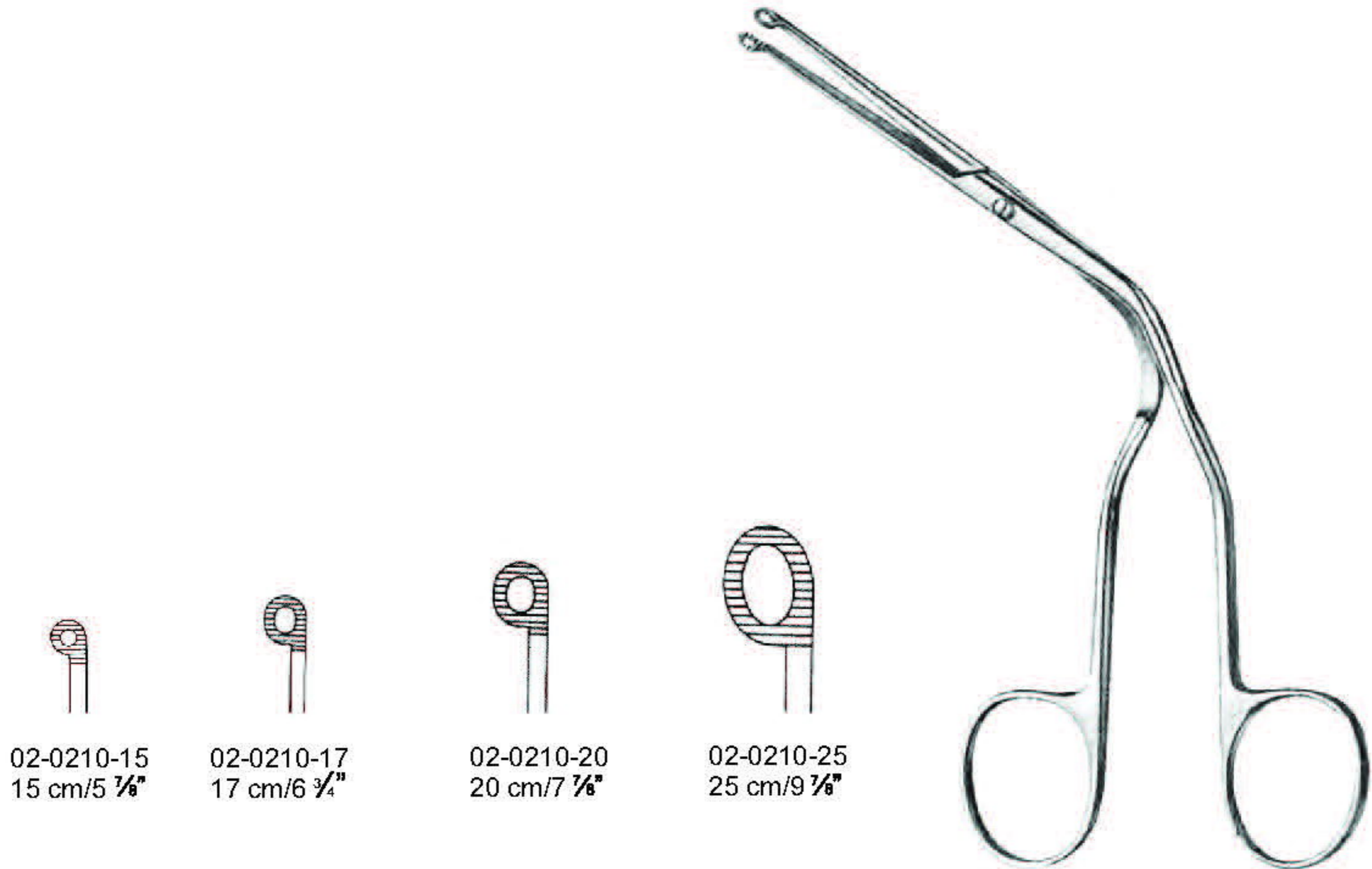
02-209-02
Fig. 2
for adolescents
90 mm



02-209-03
Fig. 3
for women
110 mm



02-209-04
Fig. 4
for men
135 mm



EN	Suction Tubes, Trocars
DE	Sauger, Trokare
ES	Tubos de aspiración, Trócares
FR	Tubes d'aspiration, Trocarts
IT	Tubi di aspirazione, trocar

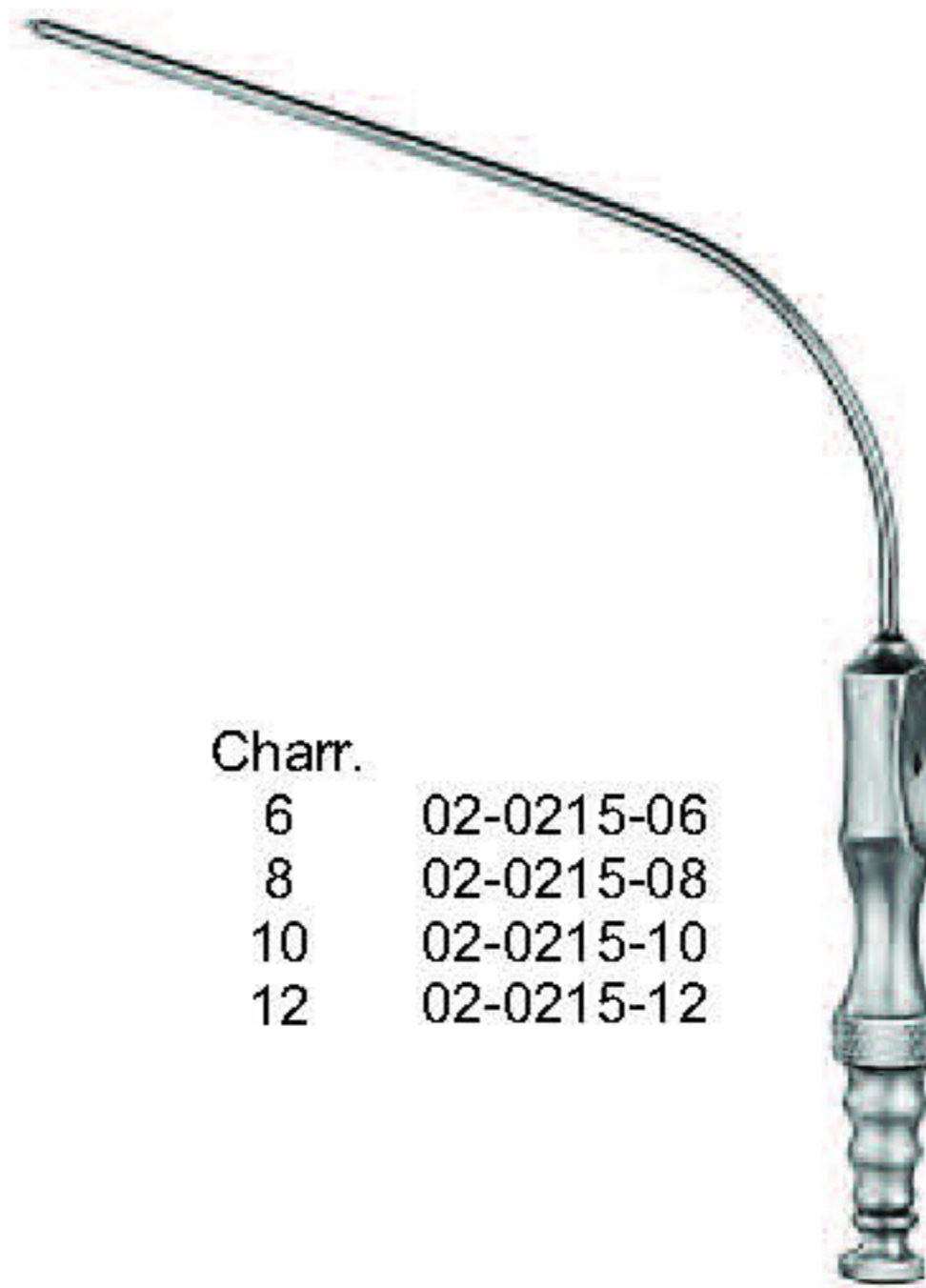
ANAESTHESIA



ADSON
02-0213-21
21 cm/8 1/4"
4mm Ø



PLESTER
02-0214-01 1.5mm Ø
02-0214-02 2.0mm Ø
02-0214-03 2.5mm Ø
02-0214-04 3.0mm Ø
19.5 cm/7 3/4"



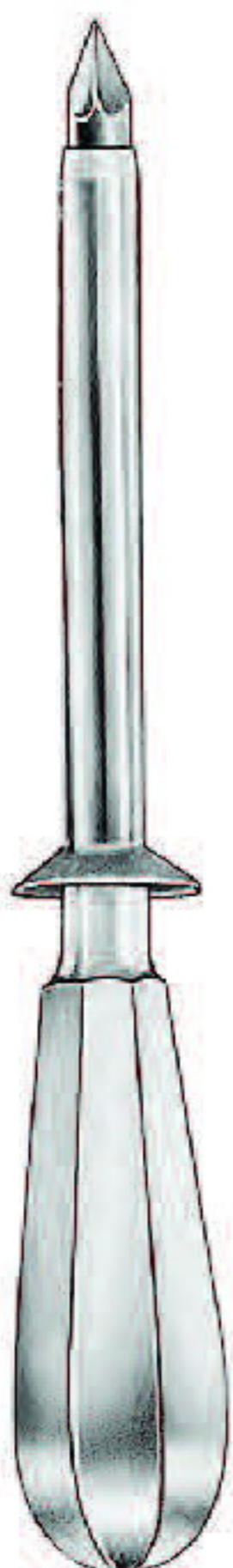
Charr.
6 02-0215-06
8 02-0215-08
10 02-0215-10
12 02-0215-12

POP PEN
13 cm/5 1/8"



Charr.
6 02-0216-06
7 02-0216-07
8 02-0216-08
9 02-0216-09
10 02-0216-10
11 02-0216-11
12 02-0216-12

FRAZIER
19 cm/7 1/2"



NELSON
21 cm/8 1/4"



Fig. 1
02-0217-01



Fig. 2
02-0217-02

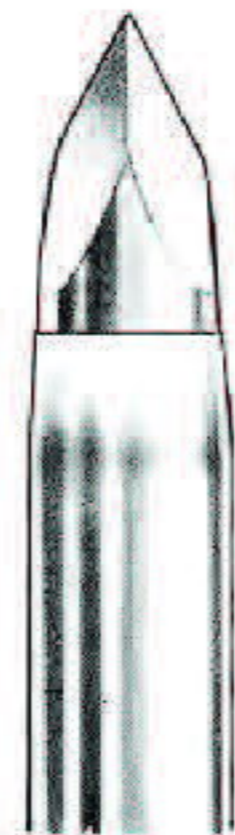


Fig. 3
02-0217-03



Fig. 4
02-0217-04



UNIVERSAL
02-0218-30 Set of 3
02-0218-40 Set of 4



Ø 6



Ø 4.5



Ø 3



Ø 1.75 mm

- EN** Diagnostics
- DE** Diagnostik
- ES** Diagnóstico
- FR** Diagnostics
- IT** Diagnostica

Page 17 to 20



EN	Percussion Hammers
DE	Perkussionshämmer
ES	Martillos de percusión
FR	Percussion Marteaux
IT	Percussione martelli

DIAGNOSTICS



Taylor
03-0501-18 18.0cm
03-0501-20 20.0cm



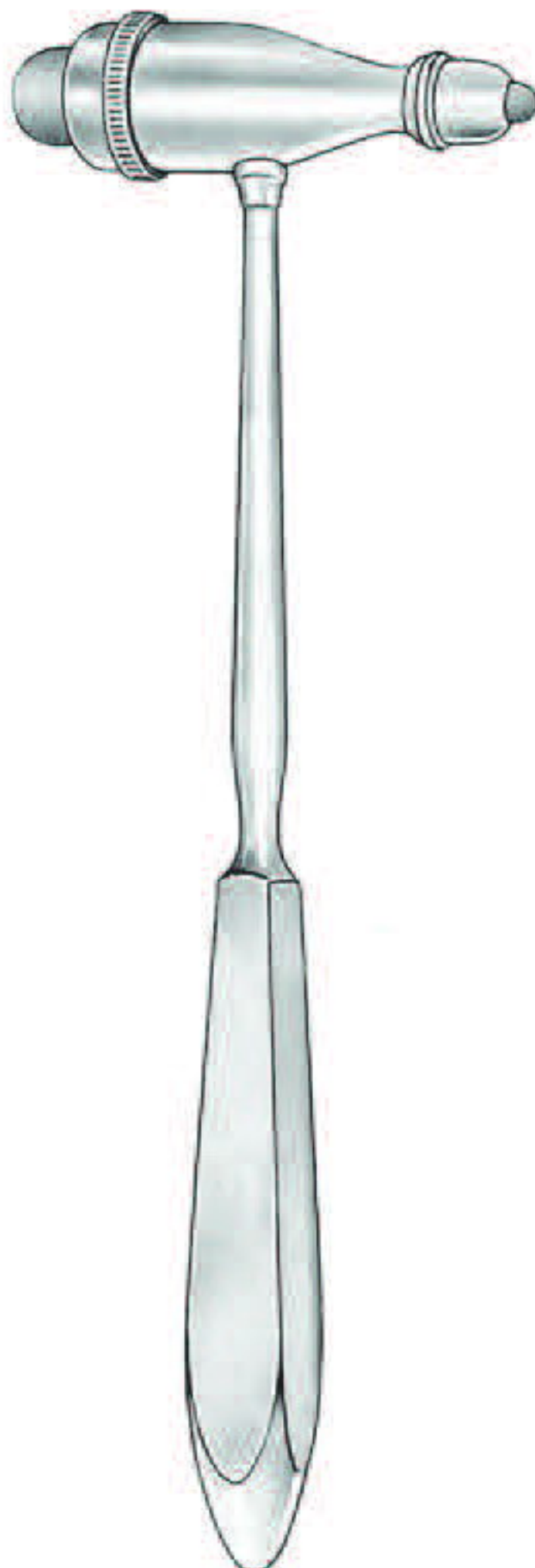
Dejerine
03-0502-20 20.0cm



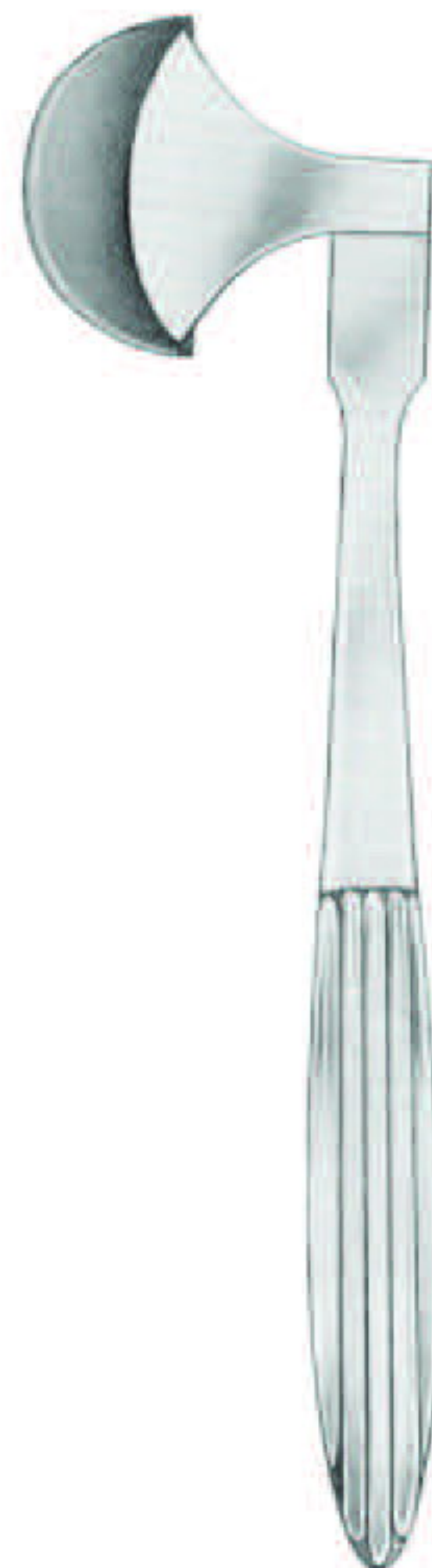
Dejerine
03-0503-21 21.0cm
03-0503-35 35.0cm



Neuro-Duoflex
03-0504-22 22.0cm



Troemner
03-0505-24 24.0cm



Berliner
03-0506-17 17cm/7"
03-0506-20 20cm/8"



Buck
03-0507-18 18.0cm



Buck (Telescopic)
03-0508-18 18.0cm



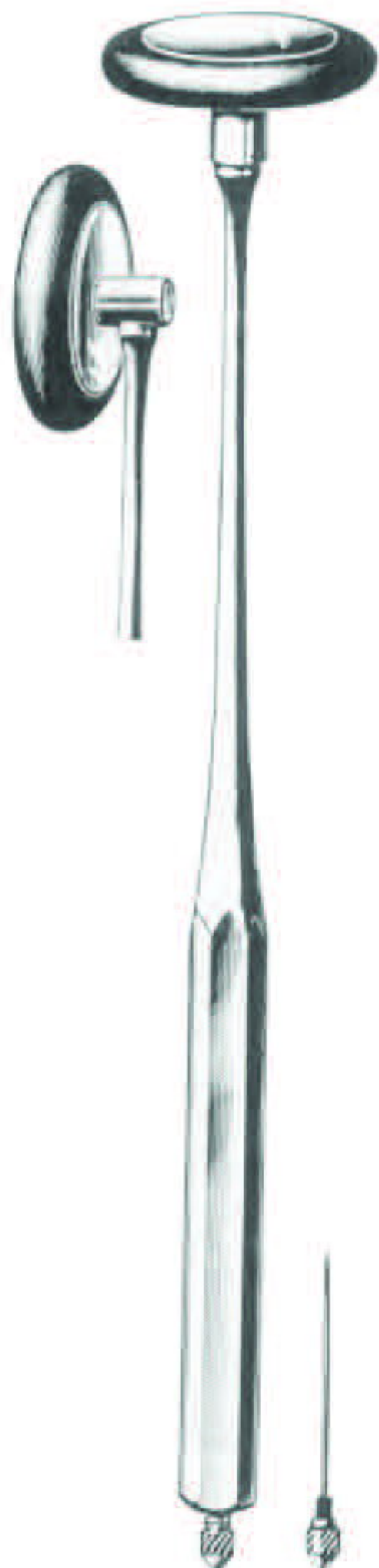
Traube
03-0509-16
16 cm/6 1/4"



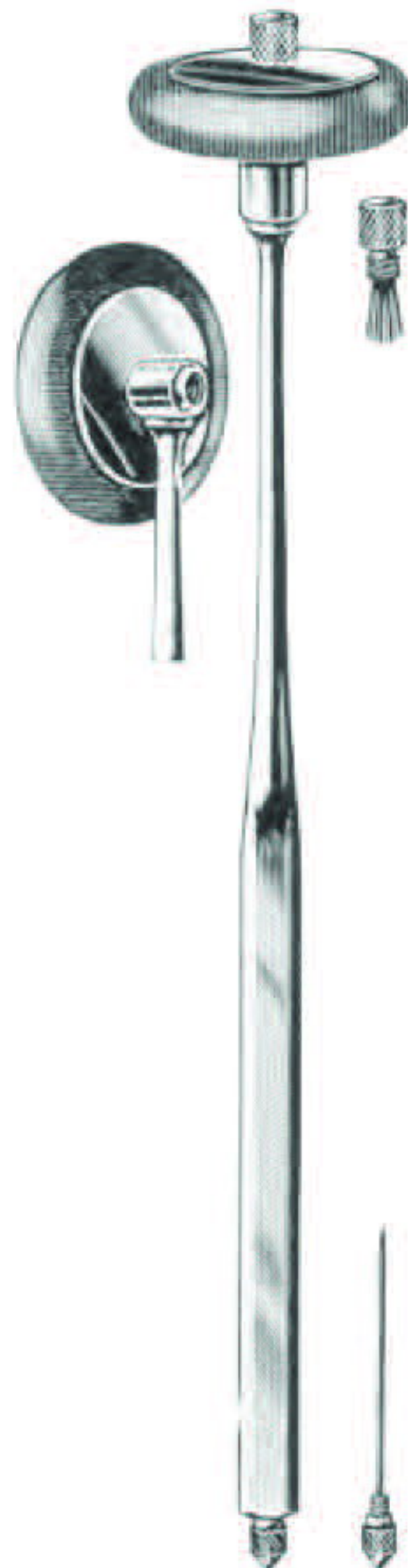
Troemner
03-0510-21
21cm/8 1/4"



Divers-Duoflex
03-0511-22
22 cm/8 3/4"



Babinsky
03-0512-22 22 cm/8 3/4"
03-0512-25 25 cm/10"



Rabiner
03-0513-23
23 cm/9 1/4"



National Hospital
03-0514-50 50 mm Ø
03-0514-60 60 mm Ø
03-0514-70 70 mm Ø
33 cm/13"



Queen Sqaure
03-0515-26
26 cm/10 1/4"

DIAGNOSTICS



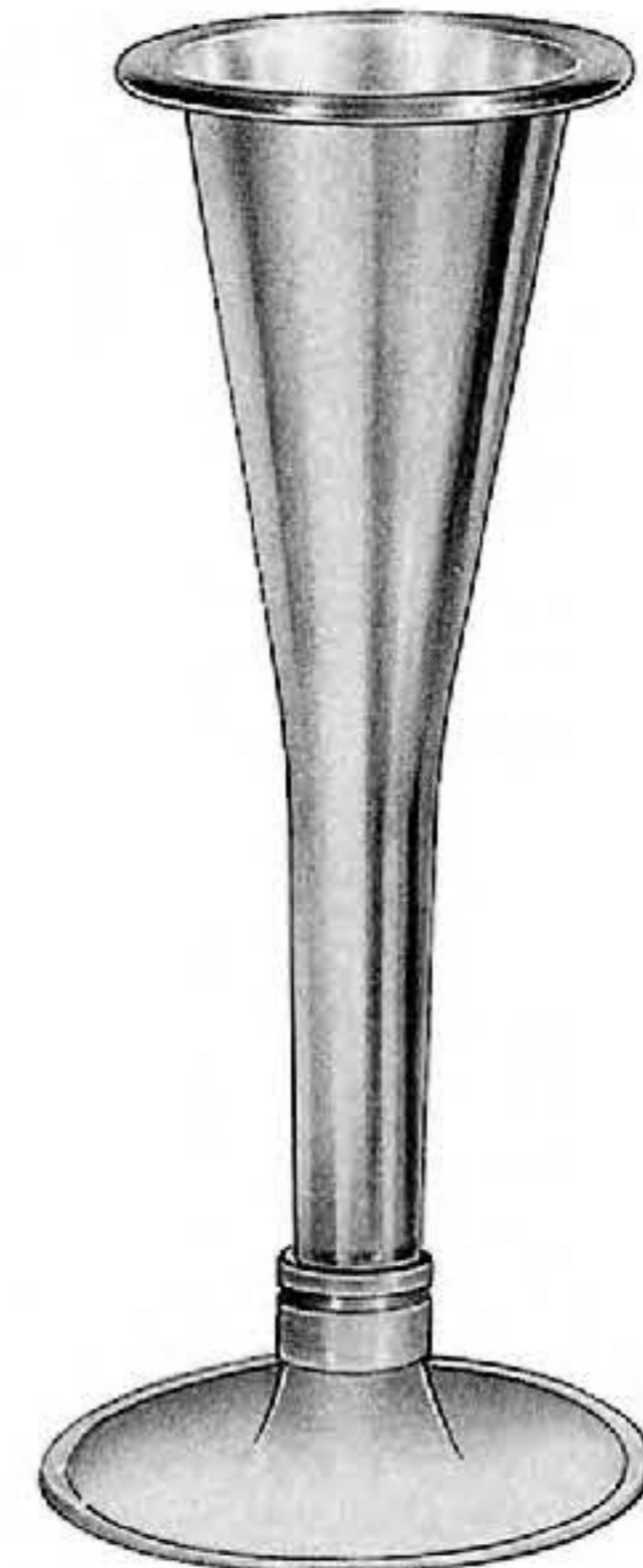
Pinard
 03-0516-18
 18.0cm
 (wooden)



Pinard
 03-0517-15
 15.0cm
 (plastic)



Pinard
 03-0518-15
 15.0cm
 (aluminum)



Pinard
 03-0519-15
 15.0cm
 (aluminum)



Aly
 03-0520-17
 17cm/6¾"



Wartenberg
 03-0521-19
 19cm/7½"



Weber
 03-0522-09
 9cm/3½"



03-0523-15 15.0cm
 03-0523-30 30.0cm
 03-0523-60 60.0cm

Available in conventional and fiberoptic

DIAGNOSTICS



03-0524-00
Otoscope set in Case



03-0525-00
Otoscope set in Pouch



03-0526-00
Ophthalmoscope set



03-0527-00
Ophthalmoscope and Otoscope set



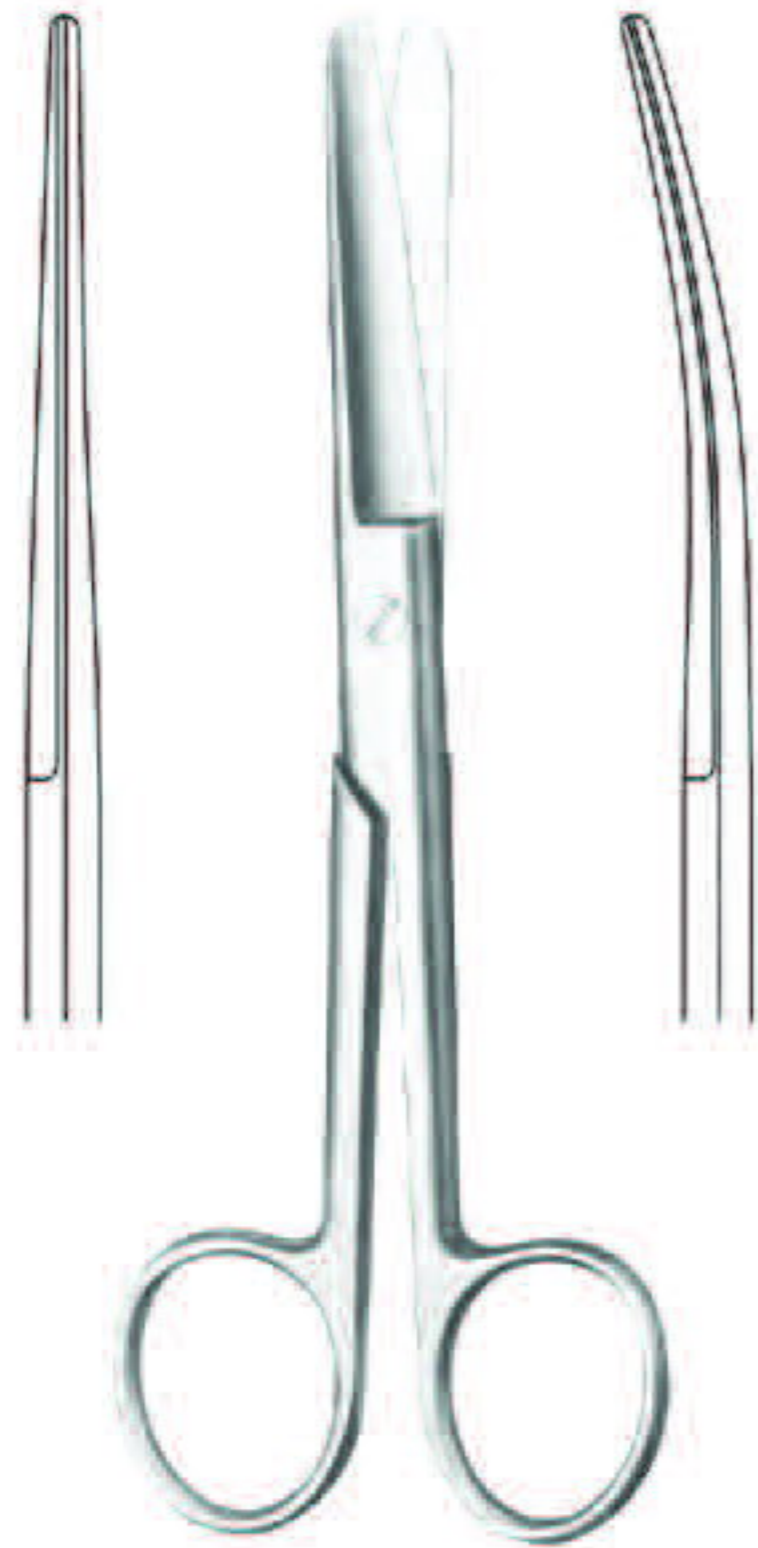
03-0528-00
Complete ENT set

- EN** Scissors
- DE** Scheren
- ES** Tijeras
- FR** Les ciseaux
- IT** Forbici

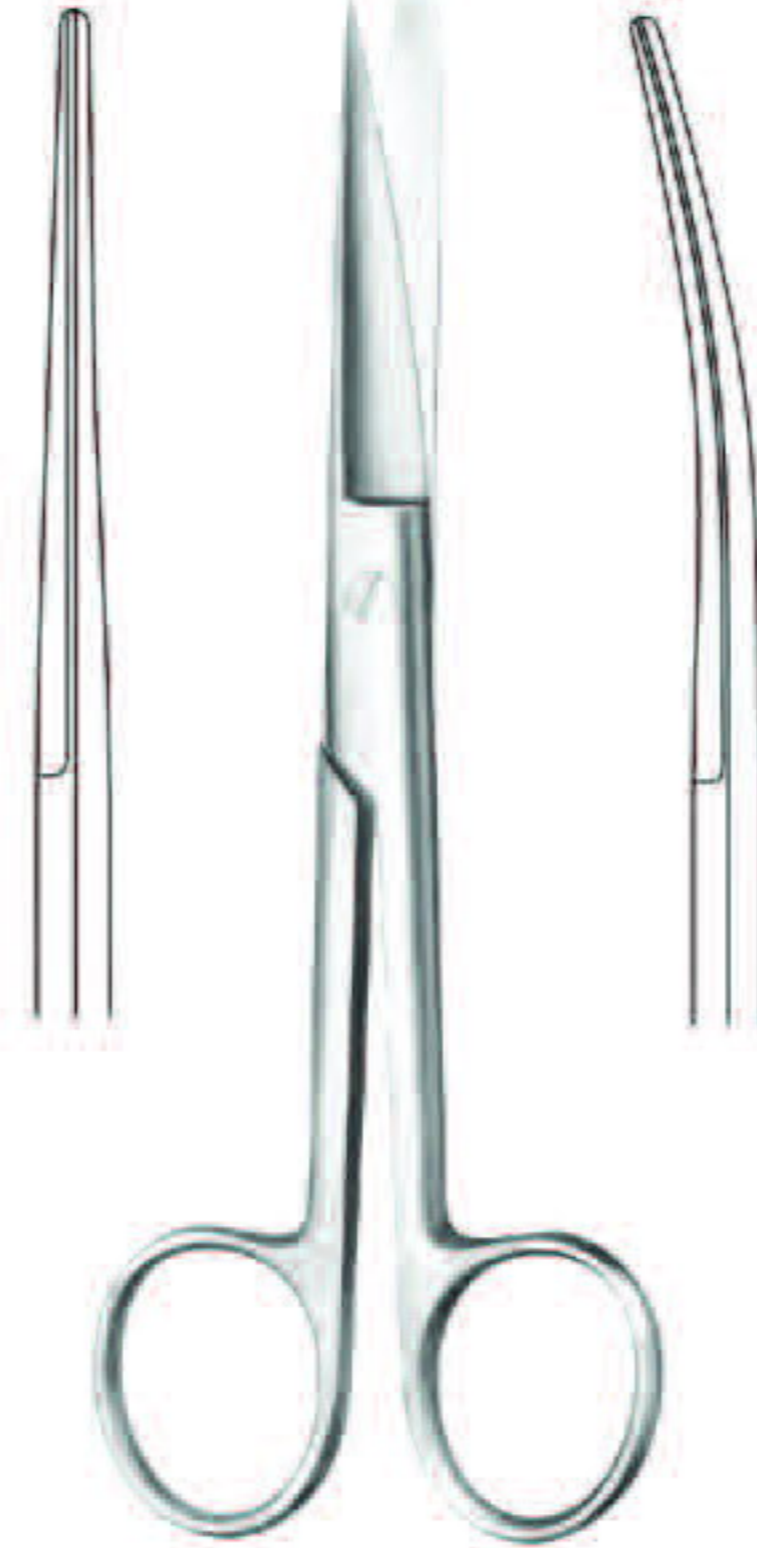
Page 21 to 45



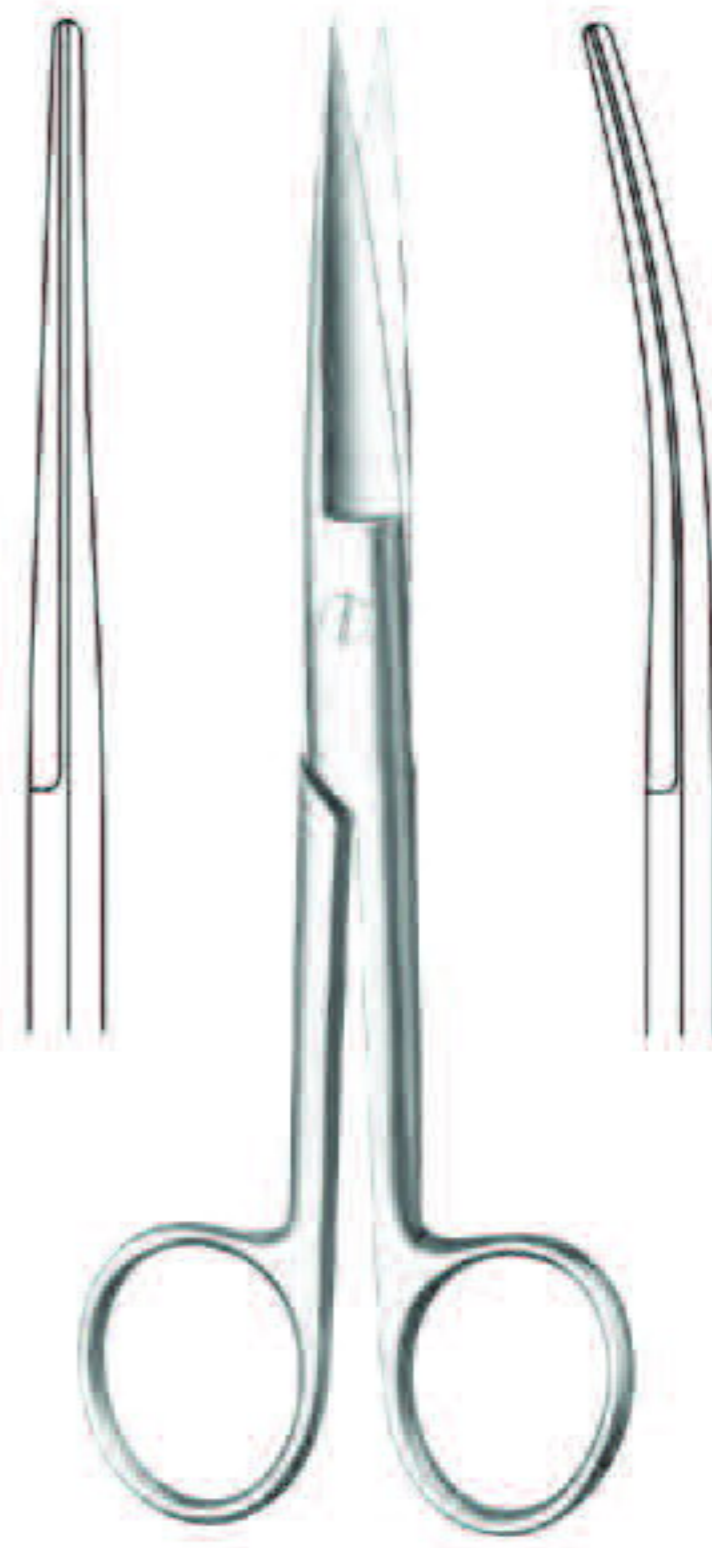
SCISSORS



STANDARD
blunt/blunt

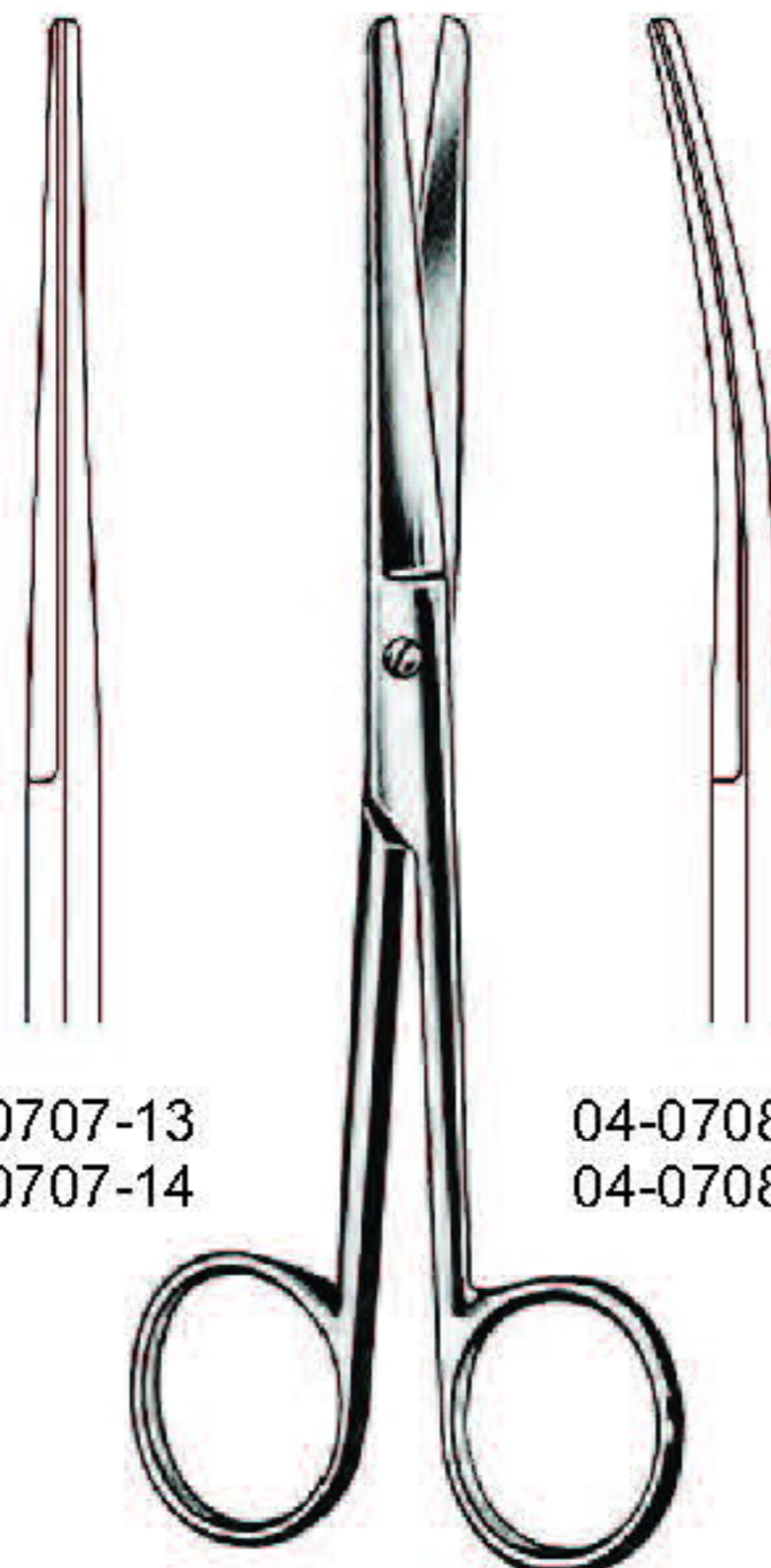


STANDARD
sharp/blunt

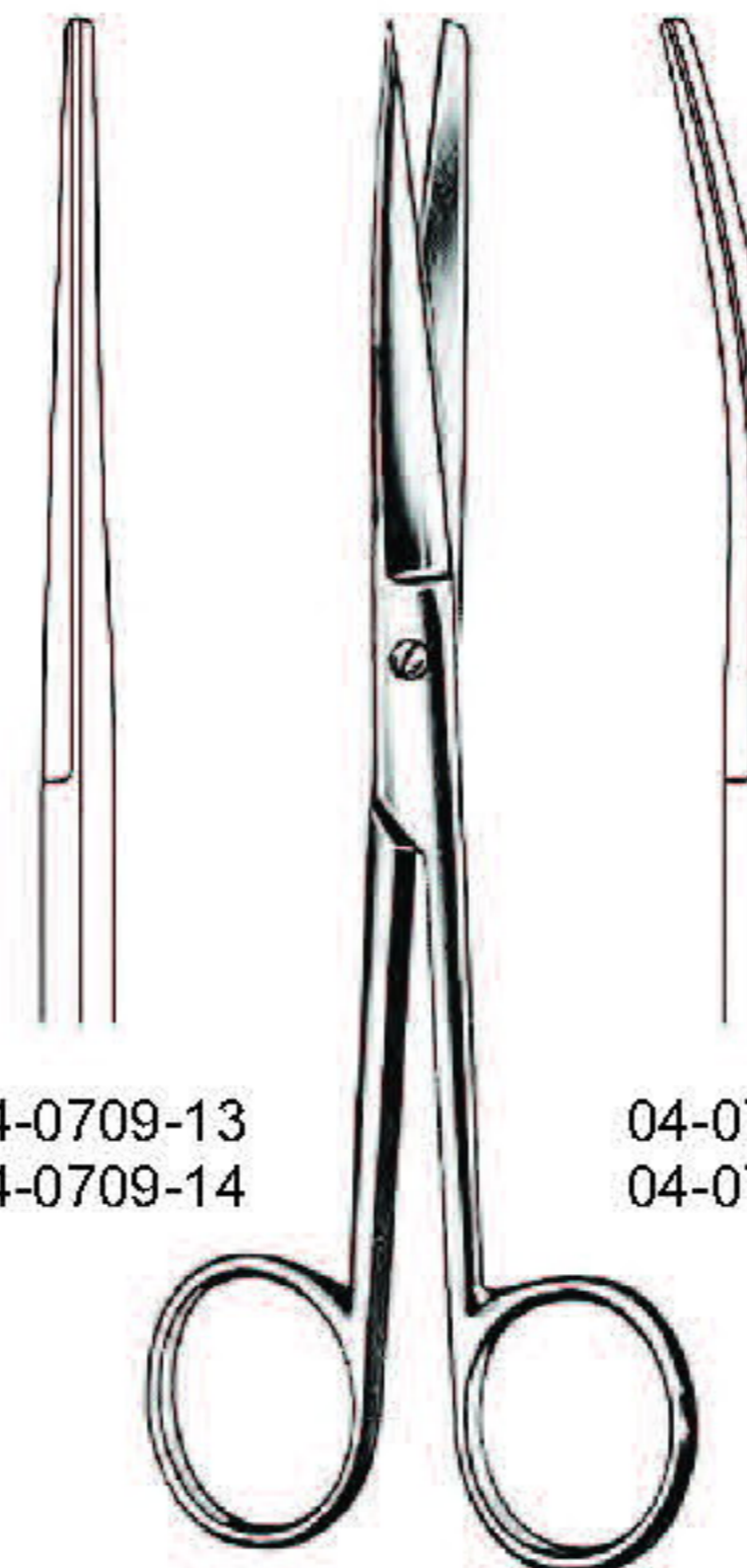


STANDARD
sharp/sharp

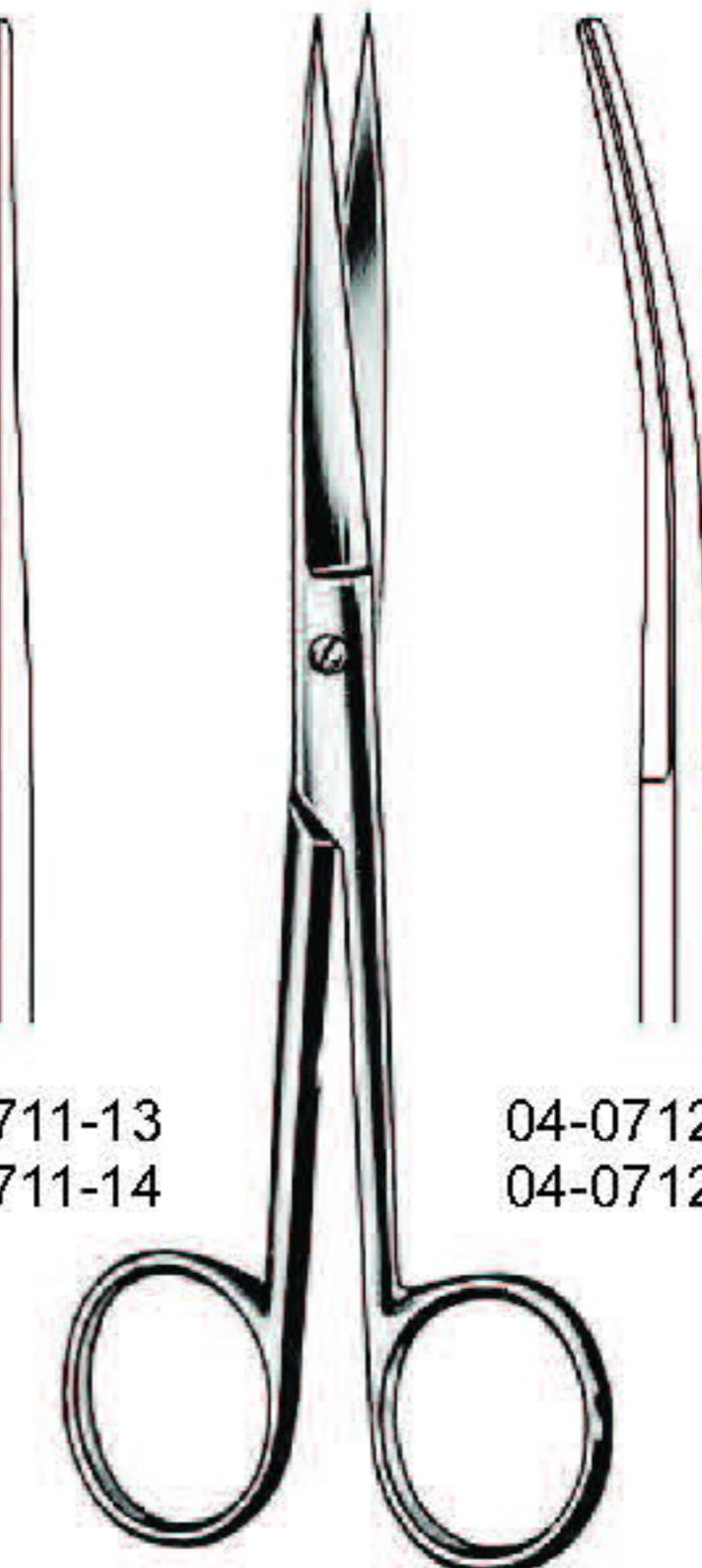
cm	in	STANDARD blunt/blunt		STANDARD sharp/blunt		STANDARD sharp/sharp	
		Straight	Curved	Straight	Curved	Straight	Curved
10.5	4 1/8"	04-0701-10	04-0702-10	04-0703-10	04-0704-10	04-0705-10	04-0706-10
11.5	4 1/2"	04-0701-11	04-0702-11	04-0703-11	04-0704-11	04-0705-11	04-0706-11
13.0	5 1/8"	04-0701-13	04-0702-13	04-0703-13	04-0704-13	04-0705-13	04-0706-13
14.5	5 3/4"	04-0701-14	04-0702-14	04-0703-14	04-0704-14	04-0705-14	04-0706-14
15.5	6 1/8"	04-0701-15	04-0702-15	04-0703-15	04-0704-15	04-0705-15	04-0706-15
16.5	6 1/2"	04-0701-16	04-0702-16	04-0703-16	04-0704-16	04-0705-16	04-0706-16
17.5	6 7/8"	04-0701-17	04-0702-17	04-0703-17	04-0704-17	04-0705-17	04-0706-17
18.5	7 1/4"	04-0701-18	04-0702-18	04-0703-18	04-0704-18	04-0705-18	04-0706-18
20.0	7 7/8"	04-0701-20	04-0702-20	04-0703-20	04-0704-20	04-0705-20	04-0706-20



GRAZIL
blunt/blunt

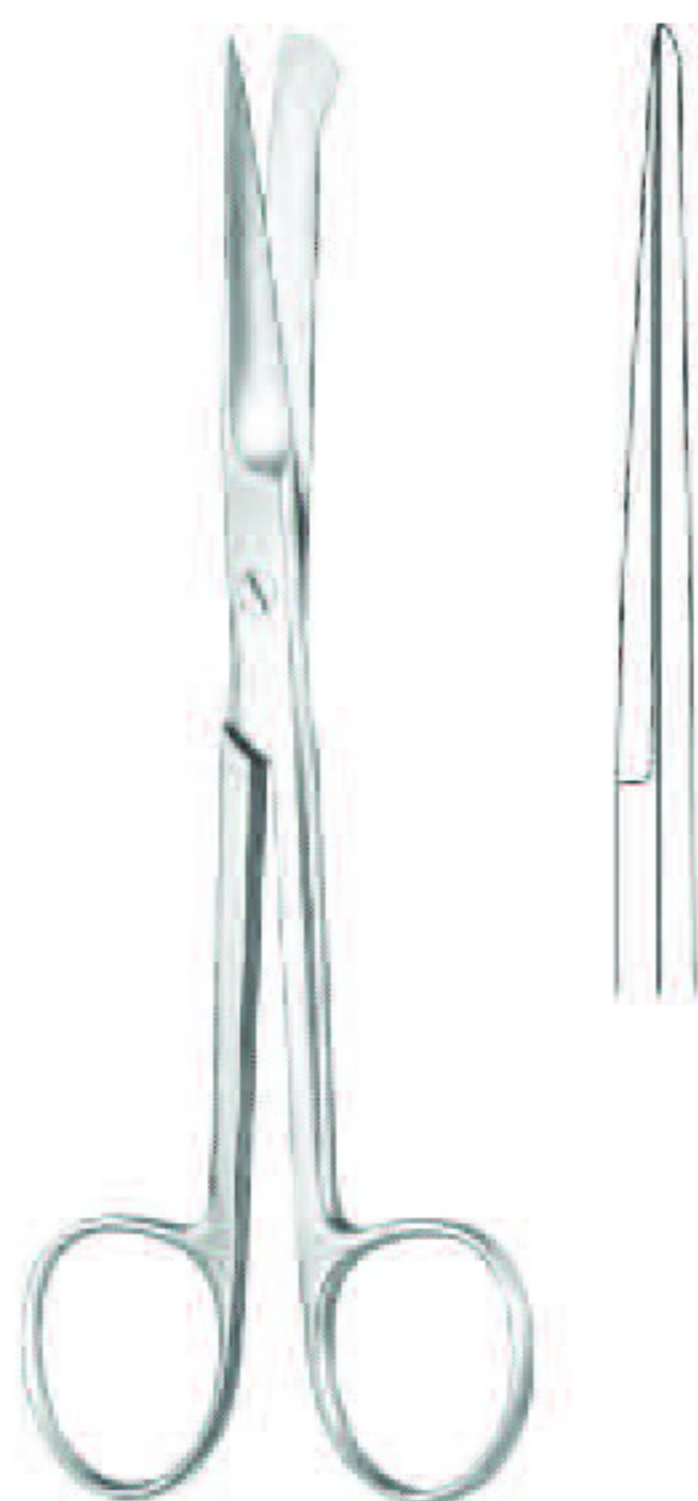


GRAZIL
sharp/blunt

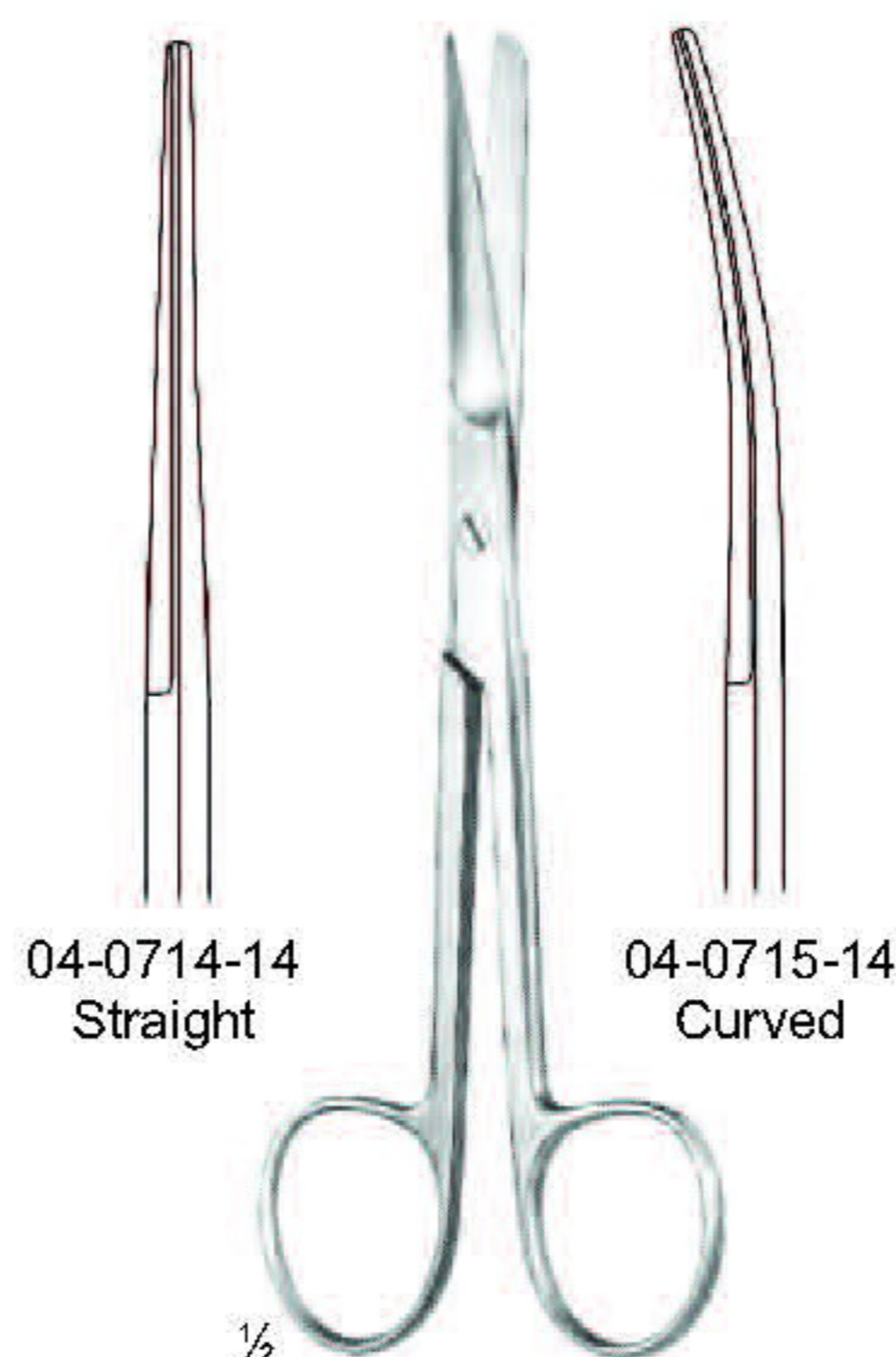


GRAZIL
sharp/sharp

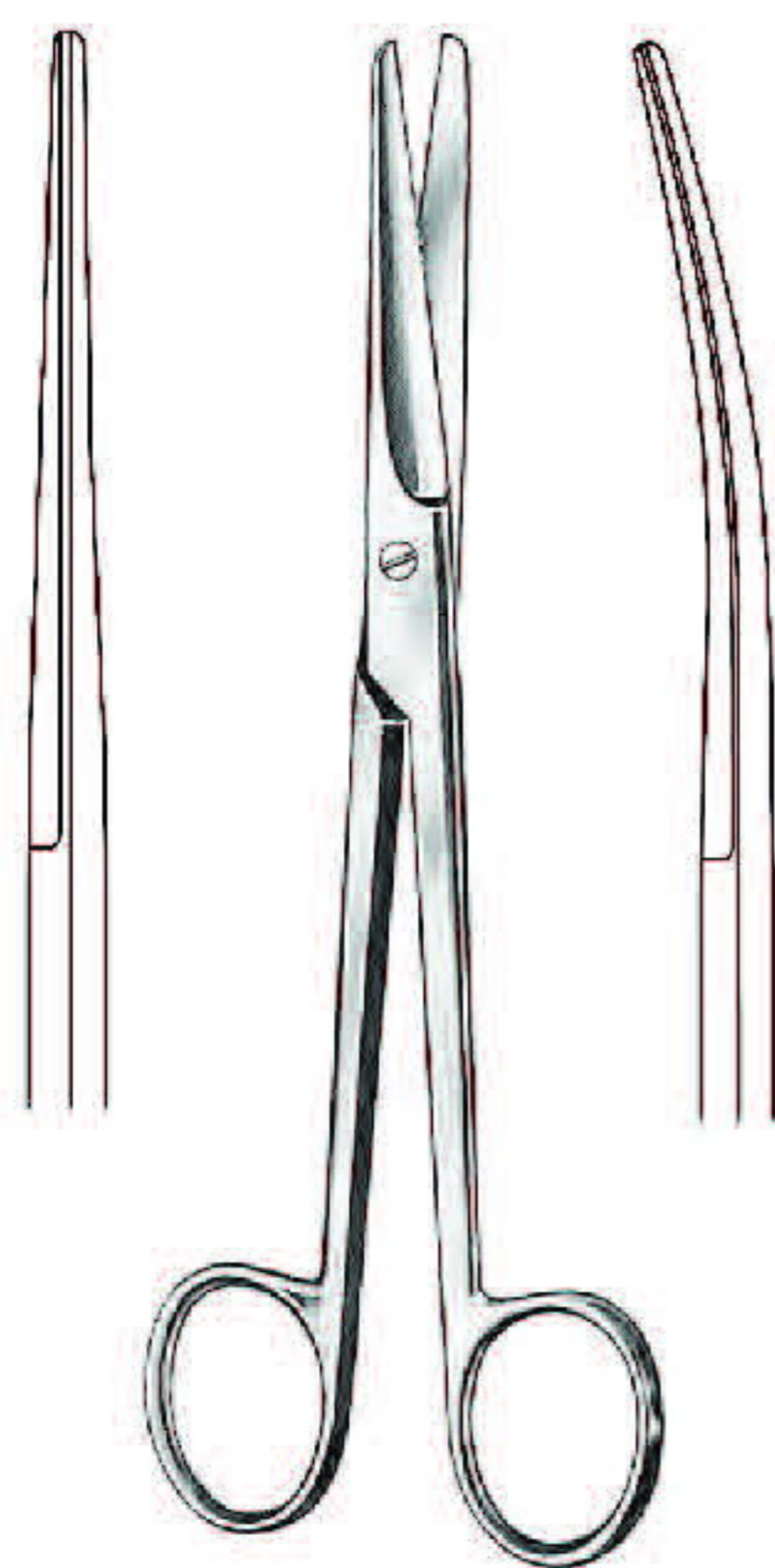
cm	in	04-0707-13	04-0708-13	04-0709-13	04-0710-13	04-0711-13	04-0712-13
13.0	5 1/8"						
14.5	5 3/4"	04-0707-14	04-0708-14	04-0709-14	04-0710-14	04-0711-14	04-0712-14



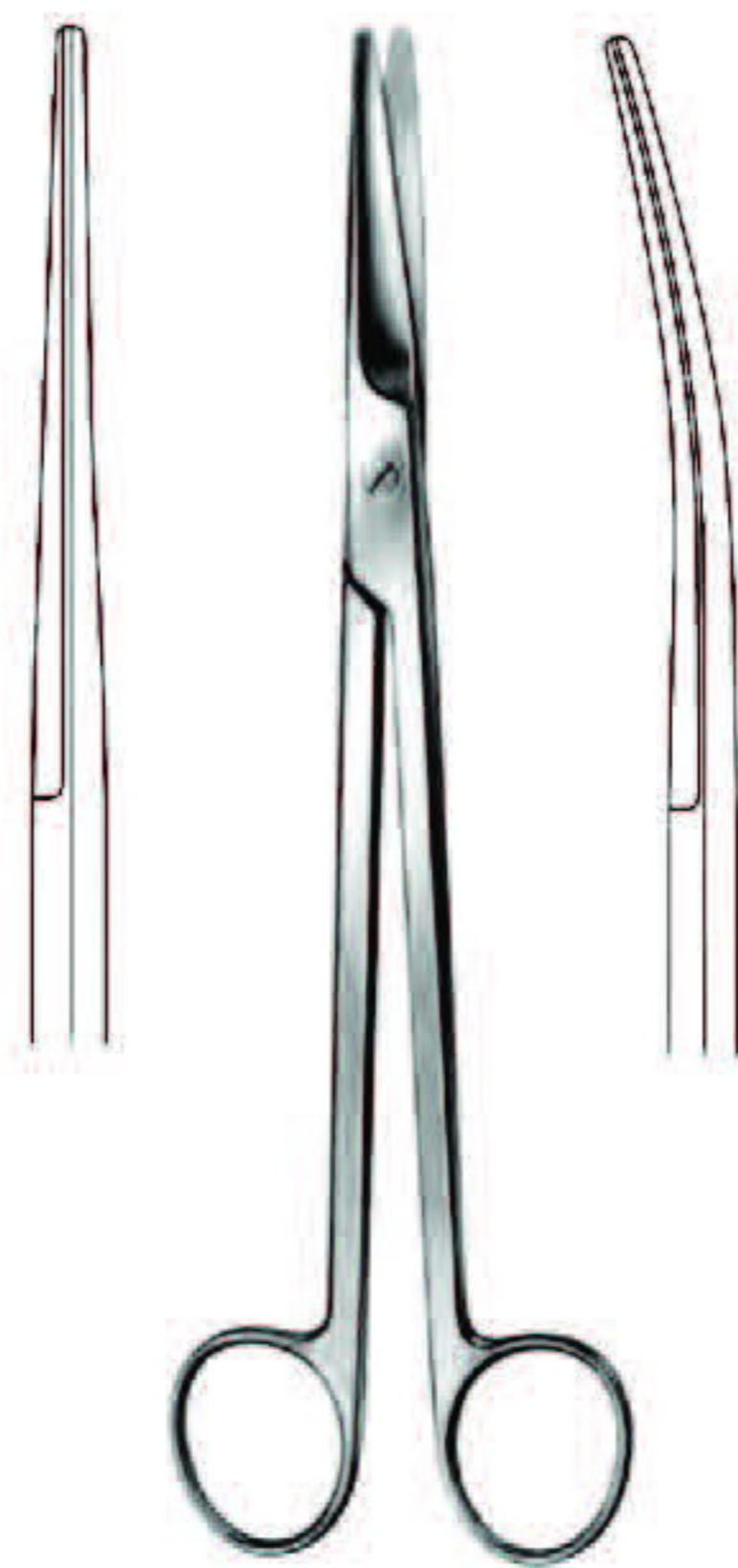
INCISION
04-0713-13 13 cm/5 1/8"
04-0713-14 14.5 cm/5 3/4"



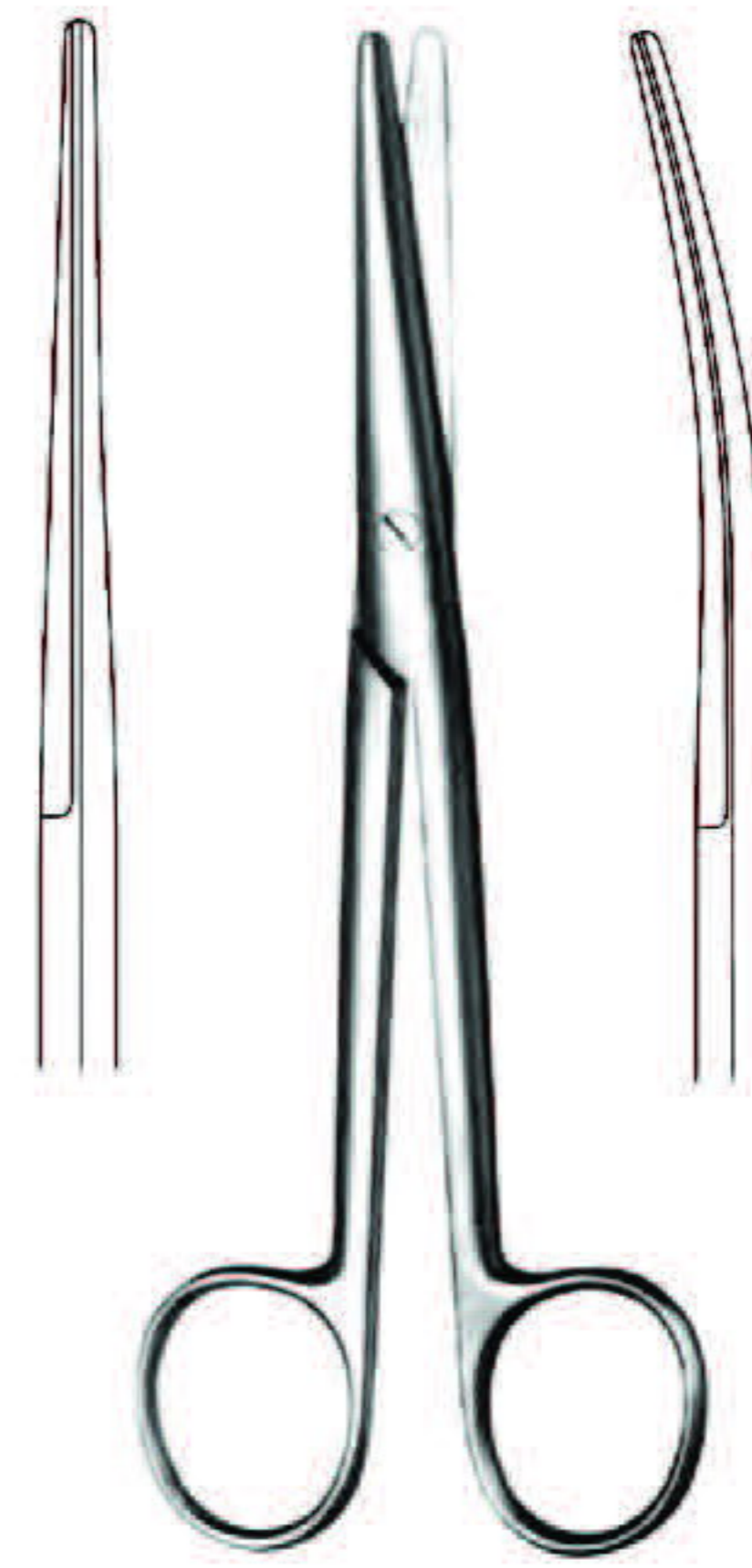
04-0714-14 Straight
04-0715-14 Curved
DEAVER
14 cm/5 1/2"



MAYO
straight curved
04-0716-14 14.5 cm/5 3/4" 04-0717-14
04-0716-15 15 cm/5 7/8" 04-0717-15
04-0716-17 17 cm/6 3/4" 04-0717-17
04-0716-23 23 cm/9" 04-0717-23



MAYO-HARRINGTON
straight curved
04-0718-23 23 cm/9" 04-0719-23
04-0718-28 28 cm/11" 04-0719-28



MAYO-STILLE
straight curved
04-0720-15 15 cm/5 7/8" 04-0721-15
04-0720-16 16.5 cm/6 1/2" 04-0721-16
04-0720-17 17 cm/6 3/4" 04-0721-17
04-0720-19 19.5 cm/7 1/2" 04-0721-19
04-0720-21 21 cm/8 1/4" 04-0721-21

SCISSORS



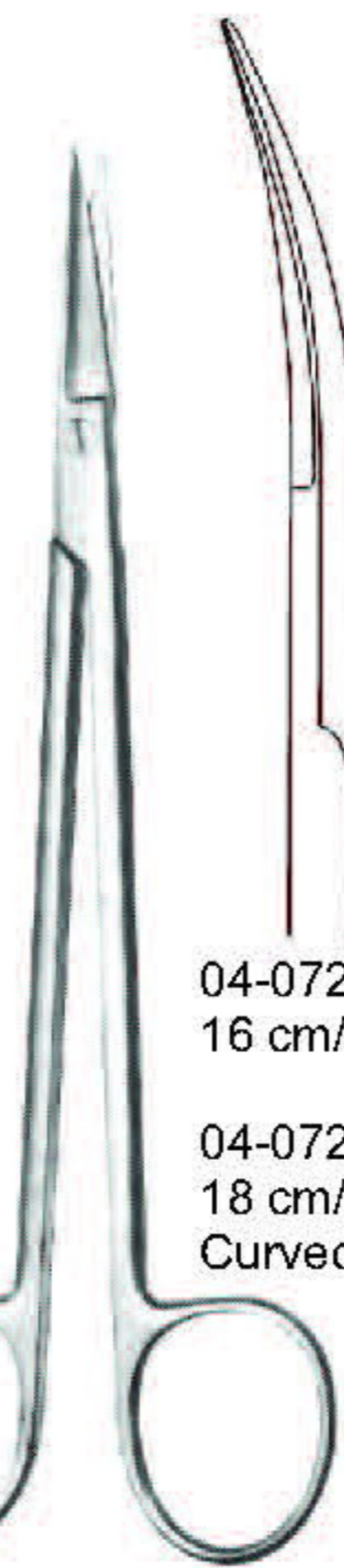
DUBOIS
 04-0725-27
 27 cm/10 1/2"
 Straight



04-0726-27
 Curved



04-0727-16
 16 cm/6 1/4"
 04-0727-18
 18 cm/7 1/8"
 Straight

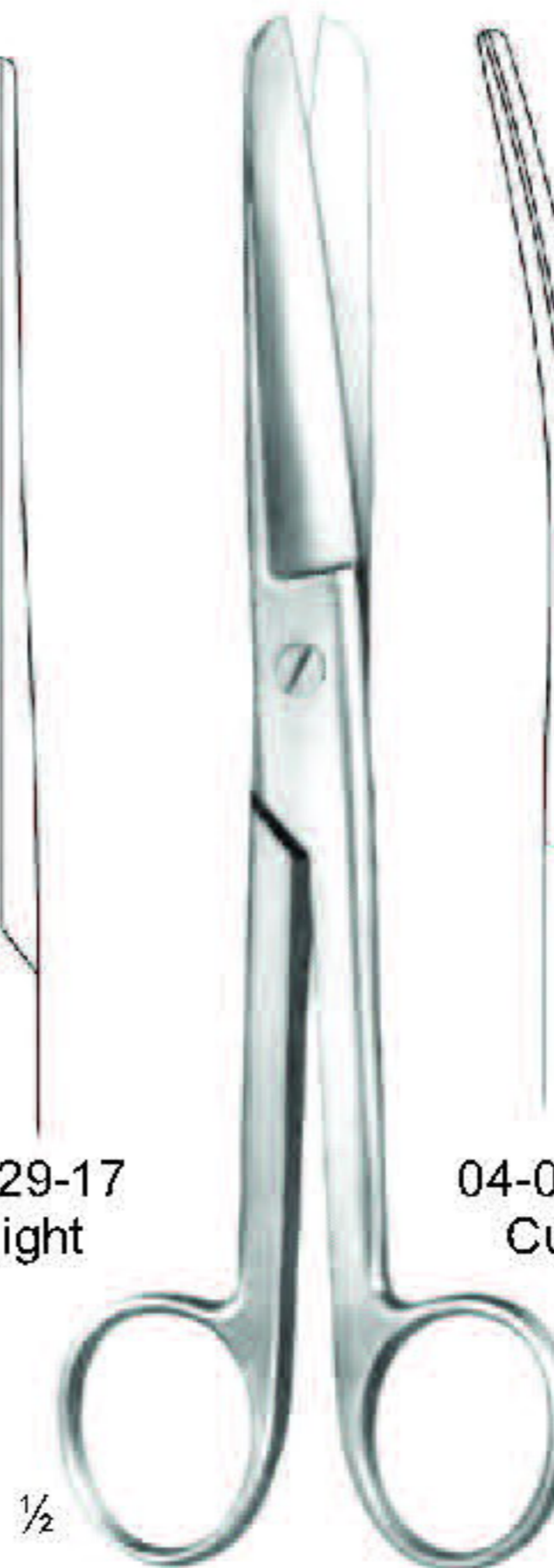


04-0728-16
 16 cm/6 1/4"
 04-0728-18
 18 cm/7 1/8"
 Curved

KELLY



04-0729-17
 Straight



04-0730-17
 Curved

DOYEN
 17.5 cm/6 7/8"



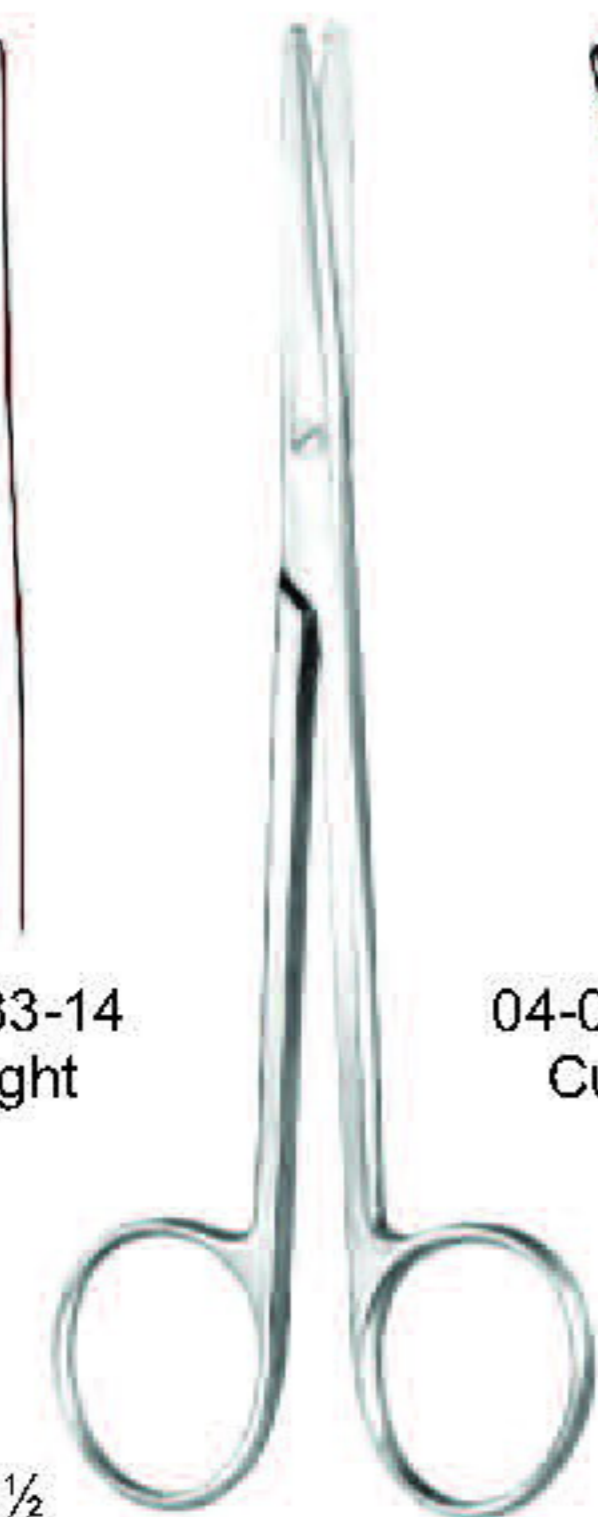
METZENBAUM BABY
 04-0731-11
 11.5 cm/4 1/2"
 Straight



04-0732-11
 Curved



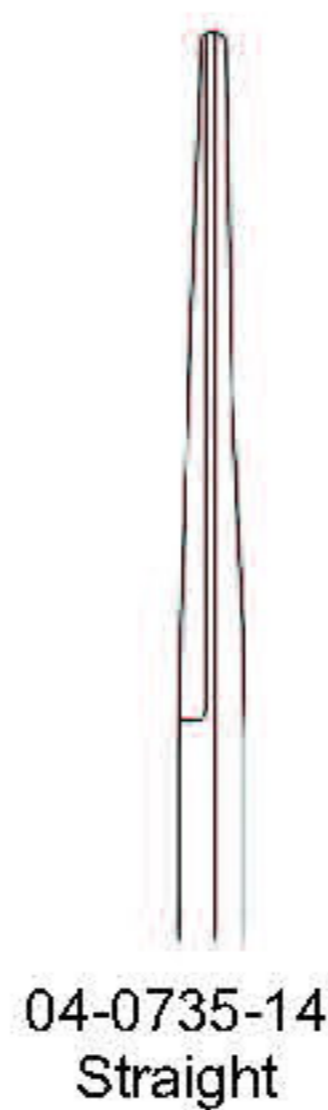
04-0733-14
 Straight



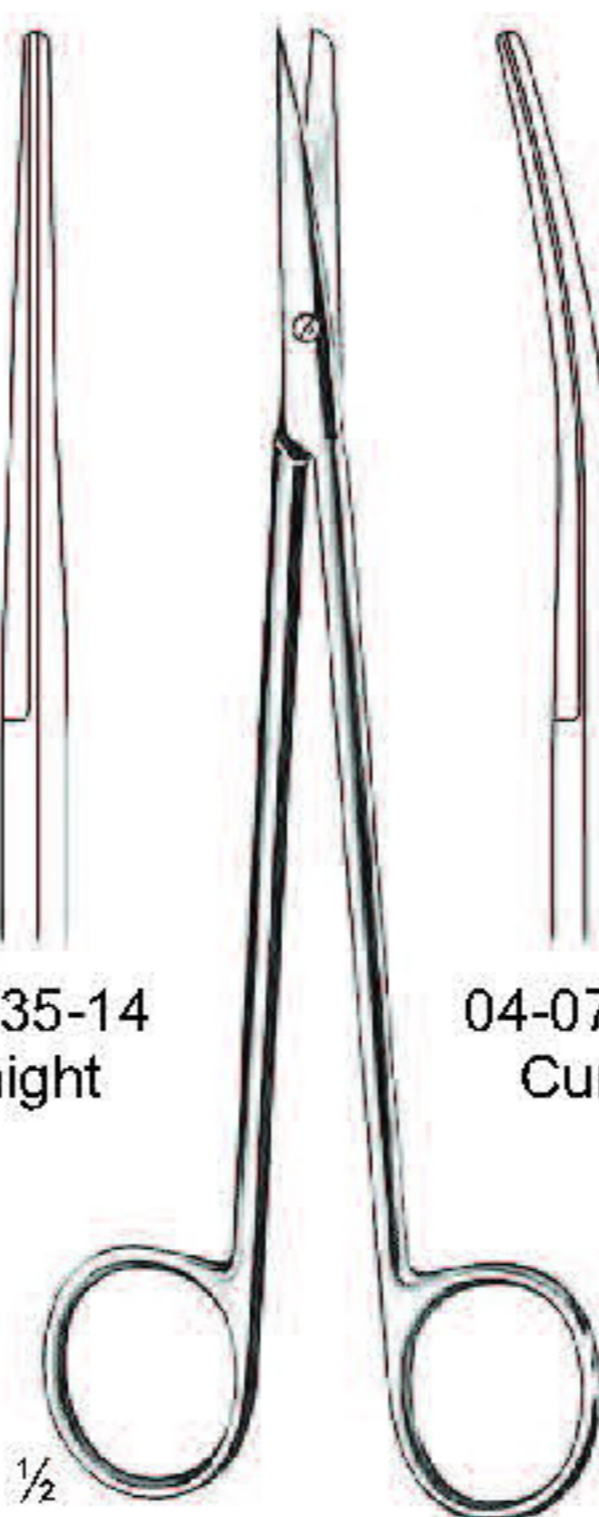
METZENBAUM
 14.5 cm/5 3/4"
 blunt/blunt



04-0734-14
 Curved



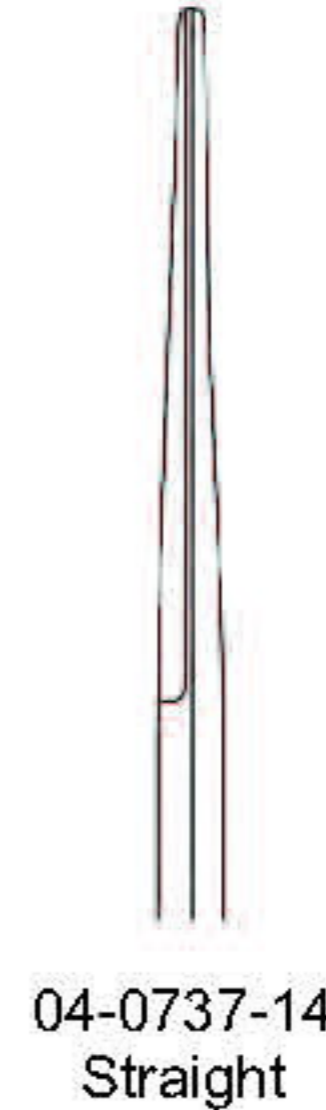
04-0735-14
 Straight



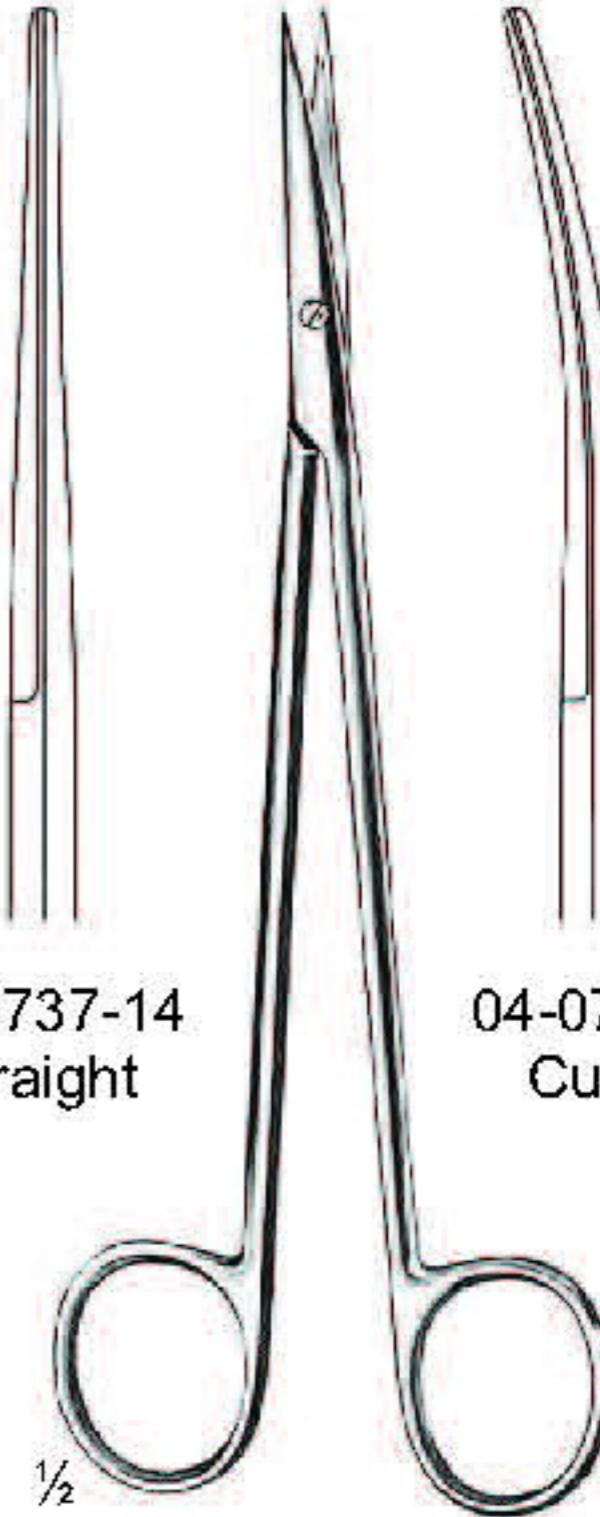
METZENBAUM
 14.5 cm/5 3/4"
 sharp/blunt



04-0736-14
 Curved



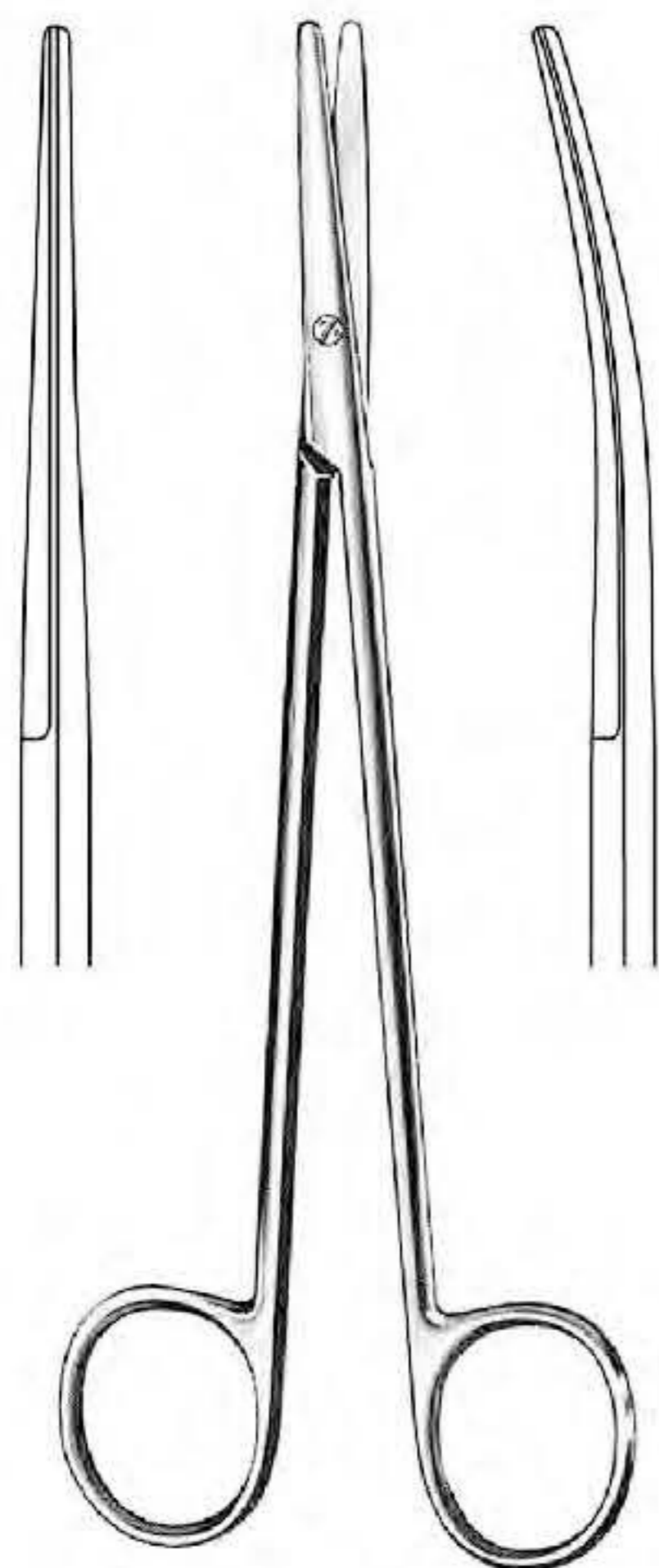
04-0737-14
 Straight



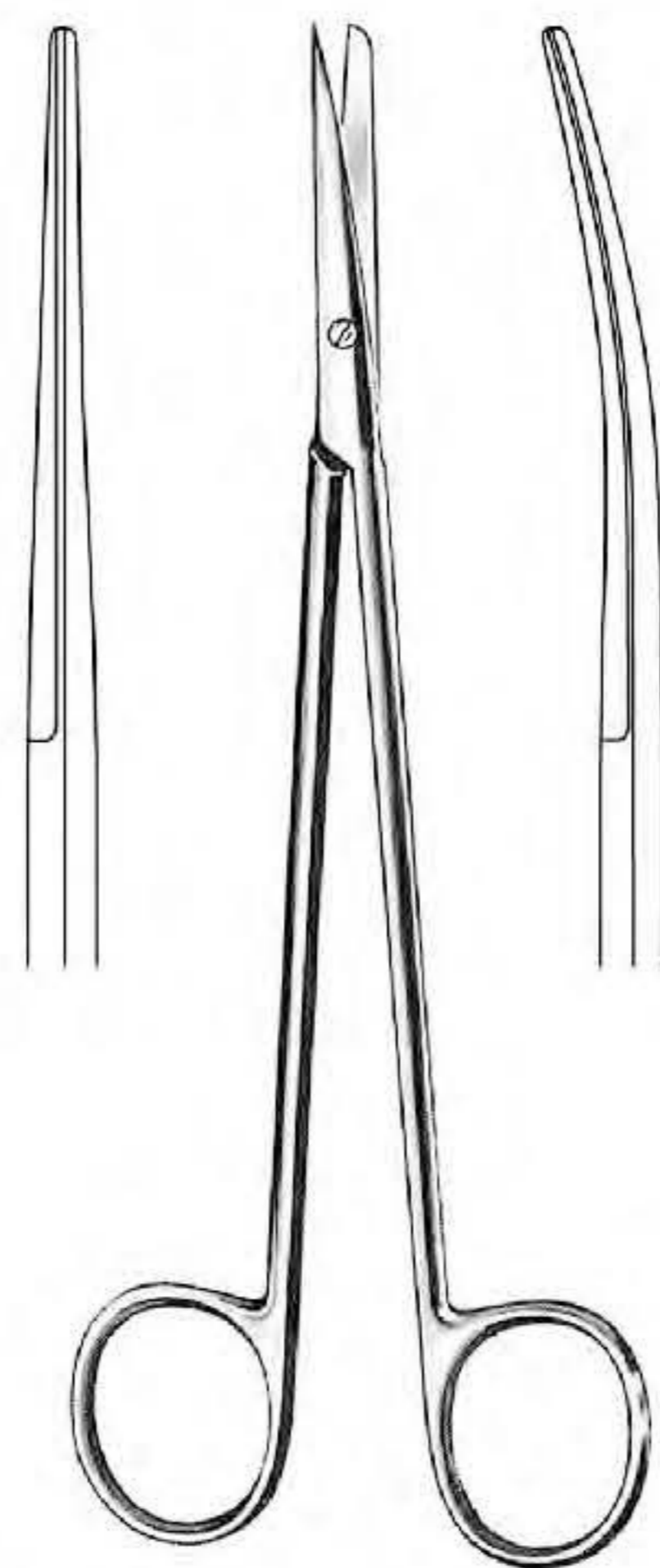
METZENBAUM
 14.5 cm/5 3/4"
 sharp/sharp



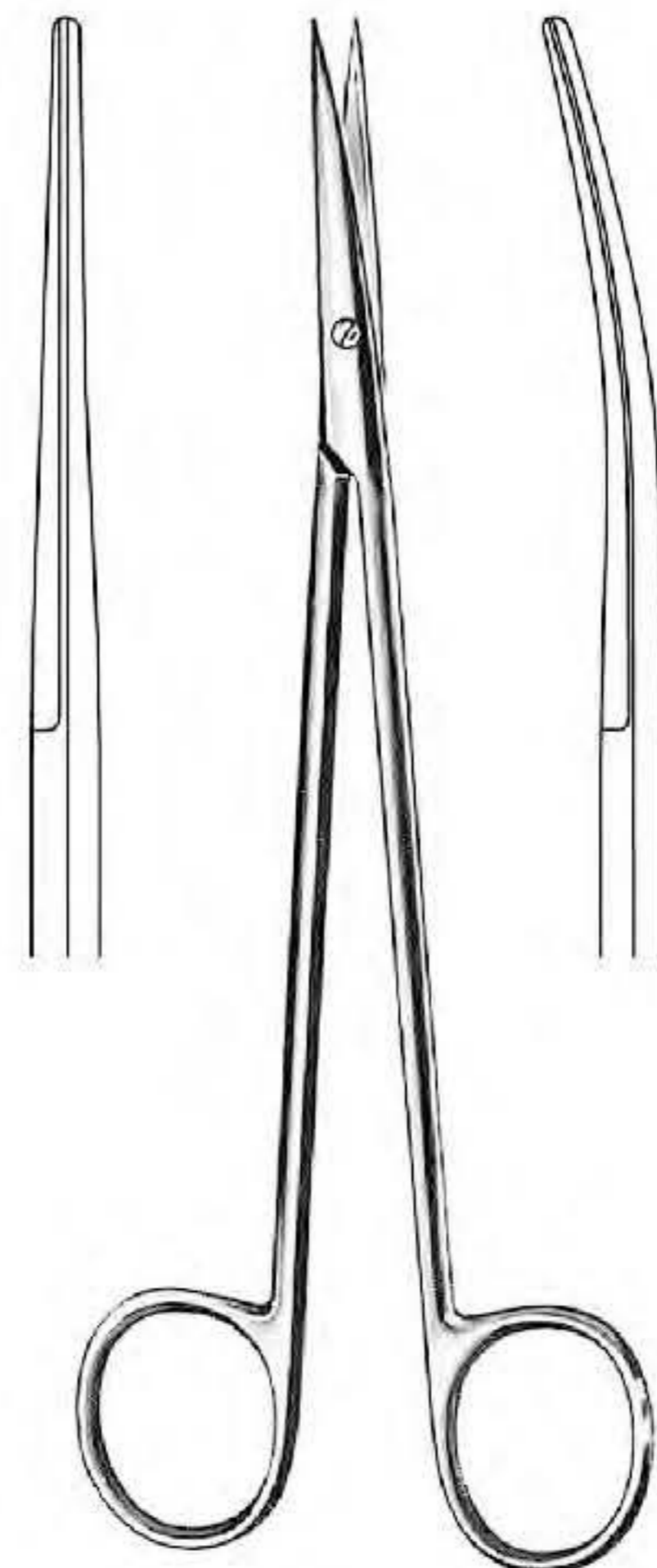
04-0738-14
 Curved



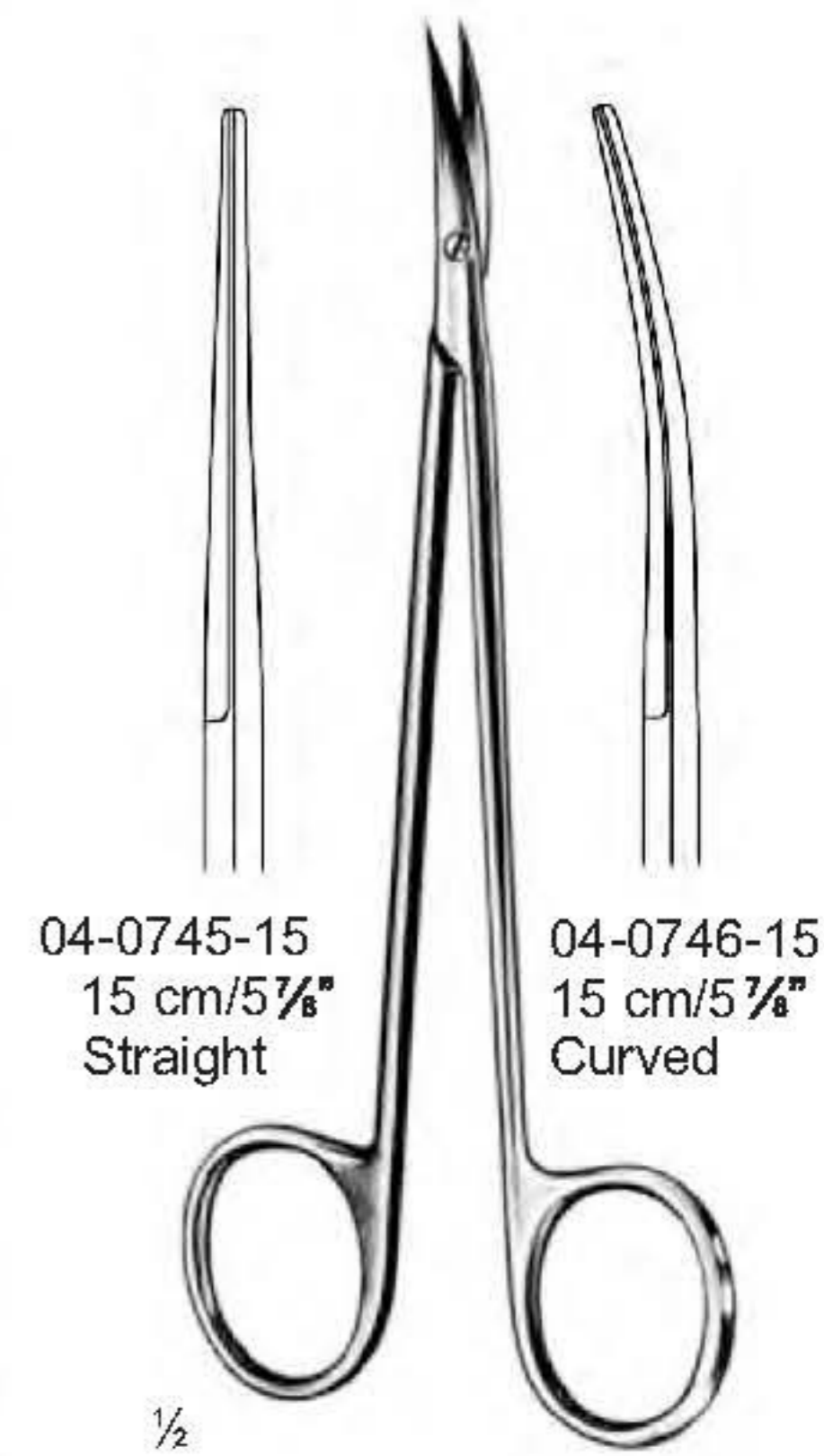
METZENBAUM-NELSON
blunt/blunt



METZENBAUM-NELSON
sharp/blunt



METZENBAUM-NELSON
sharp/sharp



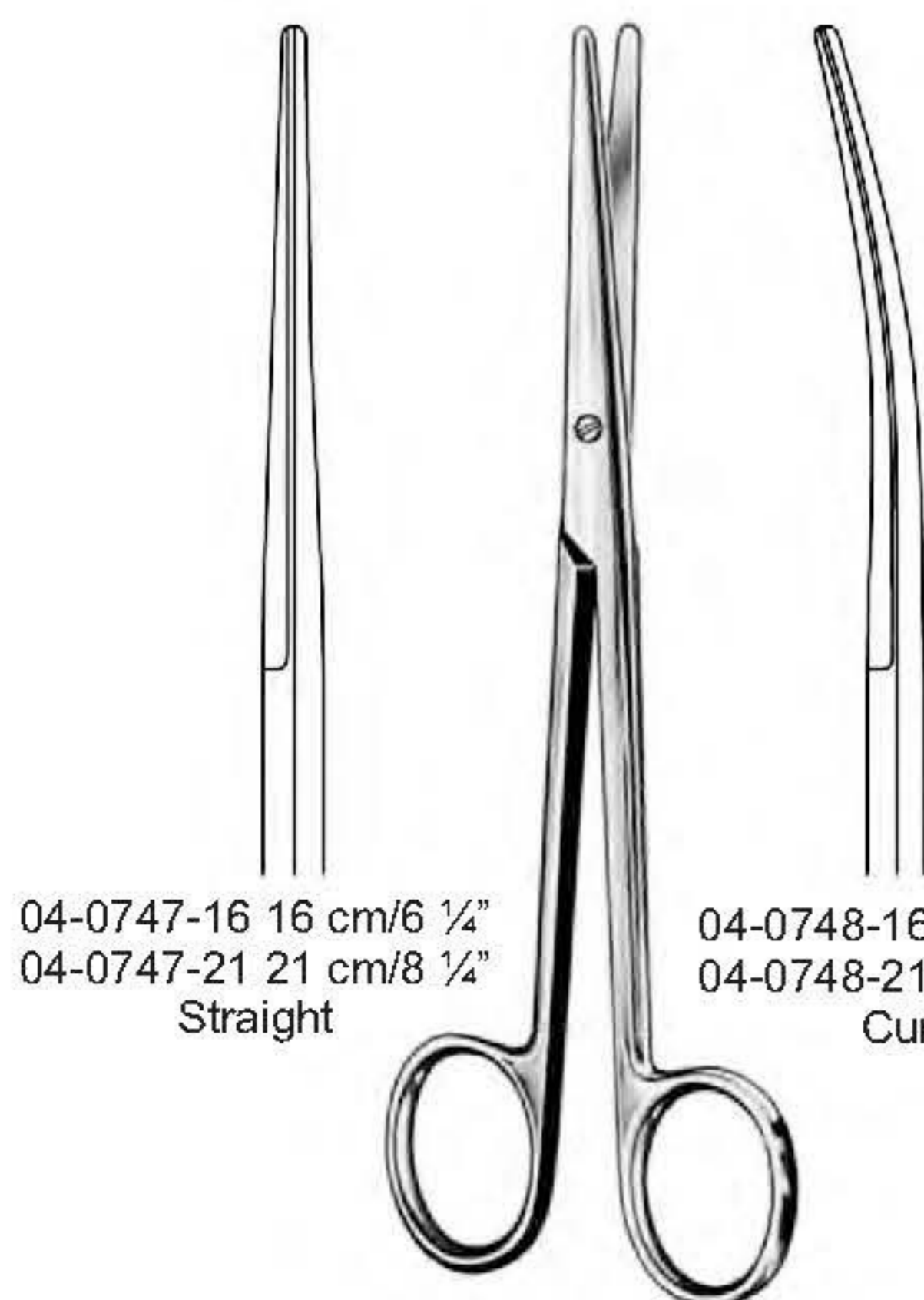
04-0745-15
15 cm/5 7/8"
Straight

04-0746-15
15 cm/5 7/8"
Curved

1/2

**NERVE DISSECTING
SCISSORS**

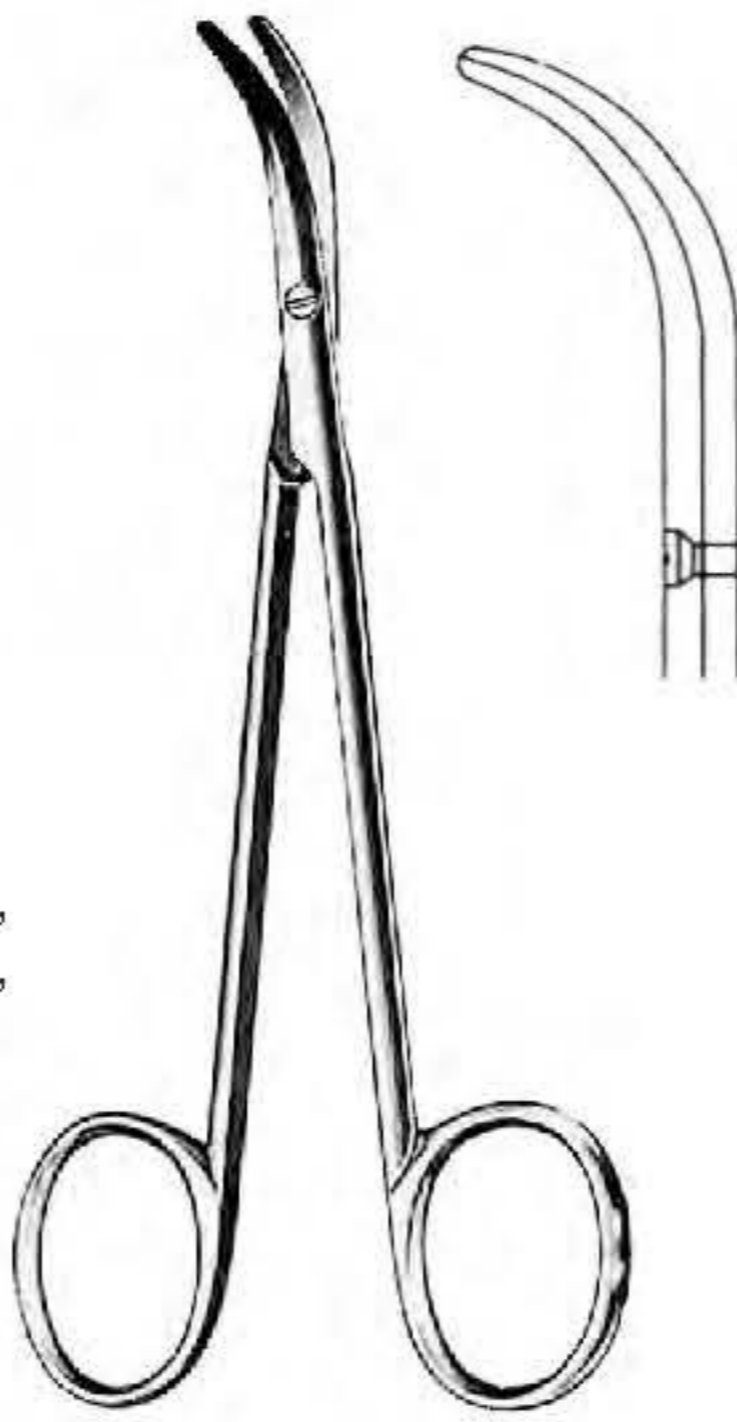
cm	in	straight	curved	straight	curved	straight	curved
18	7 1/8"	04-0739-18	04-0740-18	04-0741-18	04-0742-18	04-0743-18	04-0744-18
20	7 7/8"	04-0739-20	04-0740-20	04-0741-20	04-0742-20	04-0743-20	04-0744-20
23	9"	04-0739-23	04-0740-23	04-0741-23	04-0742-23	04-0743-23	04-0744-23
25	9 7/8"	04-0739-25	04-0740-25	04-0741-25	04-0742-25	04-0743-25	04-0744-25
28	11"	04-0739-28	04-0740-28	04-0741-28	04-0742-28	04-0743-28	04-0744-28
30	11 3/4"	04-0739-30	04-0740-30	04-0741-30	04-0742-30	04-0743-30	04-0744-30



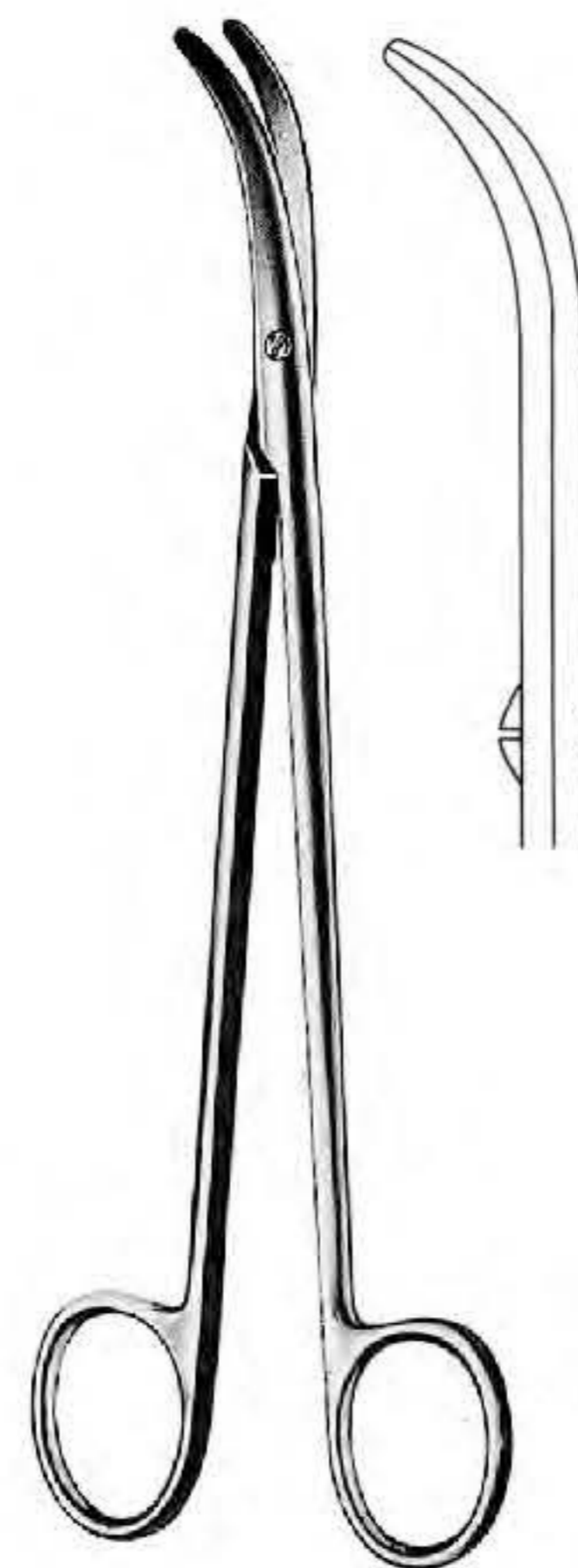
04-0747-16 16 cm/6 1/4"
04-0747-21 21 cm/8 1/4"
Straight

04-0748-16 16 cm/6 1/4"
04-0748-21 21 cm/8 1/4"
Curved

LEXER



FOMON
04-0749-13
13.5 cm/5 3/8"



THOREK
04-0750-19
19 cm/7 1/2"



04-0752-10
Curved

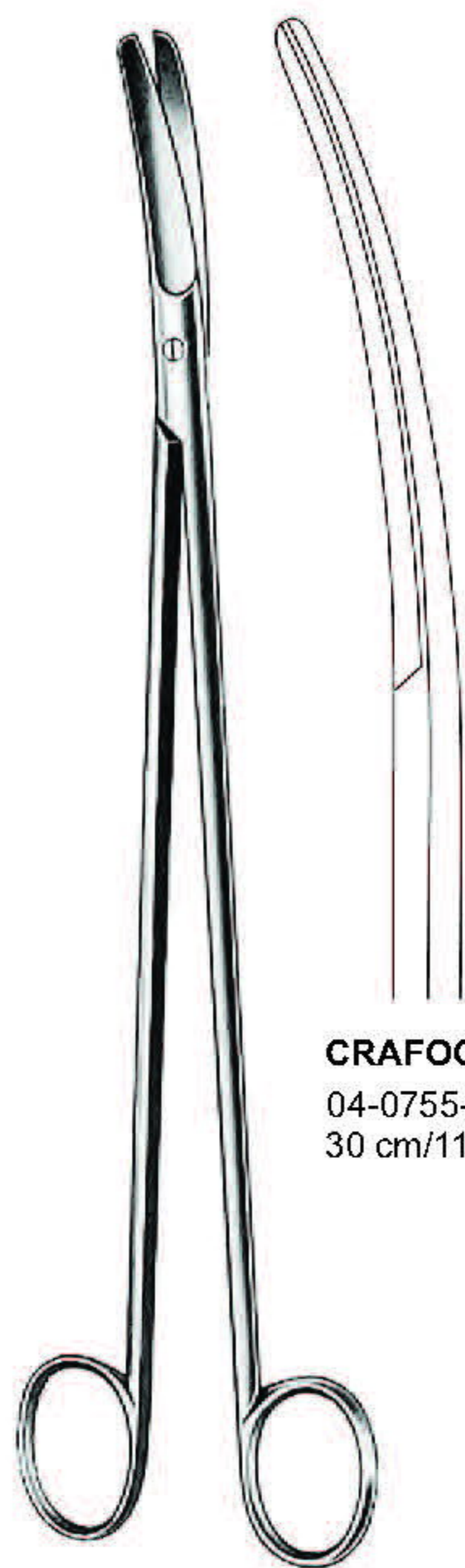
LEXER-BABY
04-0751-10
10 cm/3 7/8"
Straight

EN	Dissecting Scissors
DE	Präparierscheren
ES	Tijeras de disección
FR	Ciseaux de fonctionnement
IT	Forbici operative



KILNER
04-0753-13
13 cm/5 1/8"

04-0754-12 12 cm/4 3/4"
04-0754-15 15 cm/5 7/8"



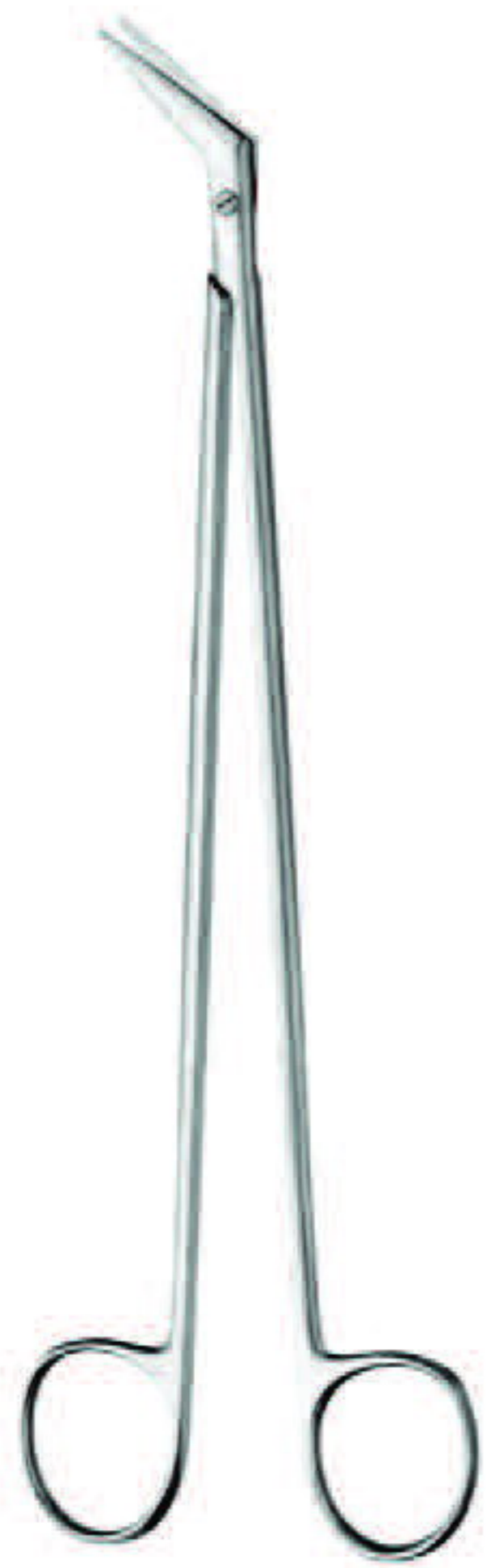
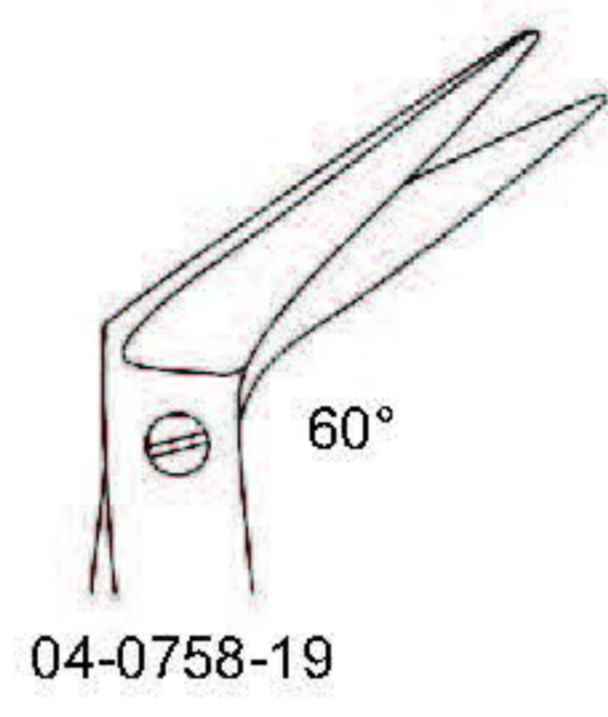
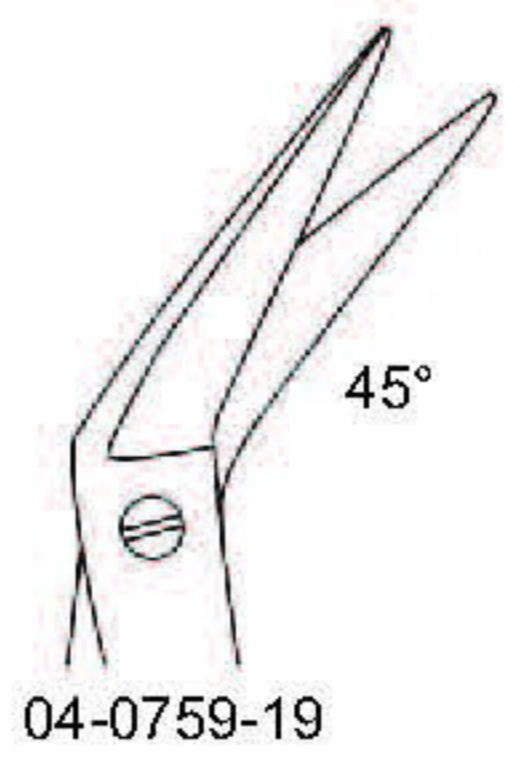
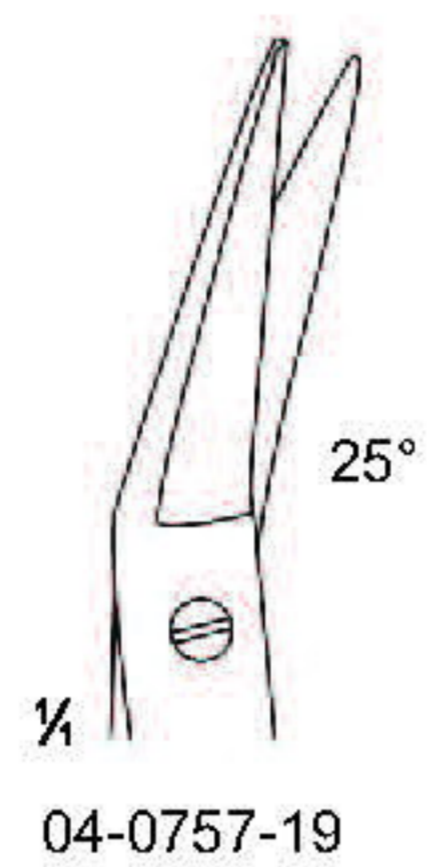
CRAFOORD
04-0755-30
30 cm/11 3/4"



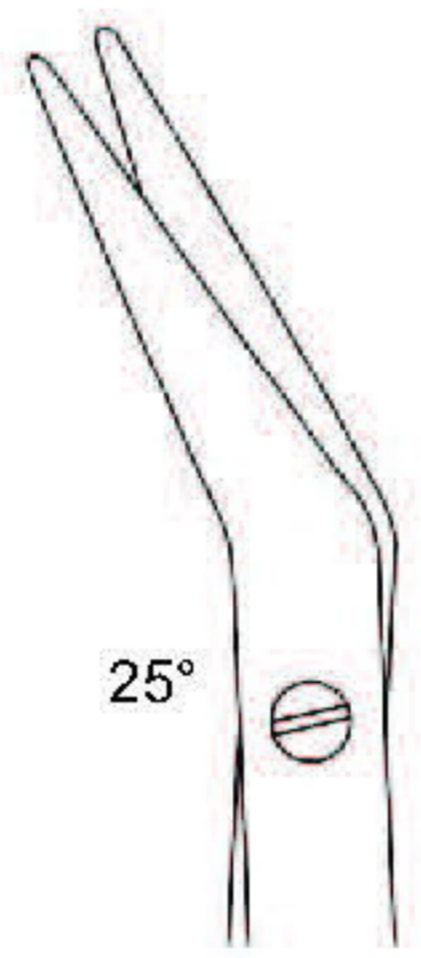
SATINSKY
04-0756-24
24.5 cm/9 5/8"



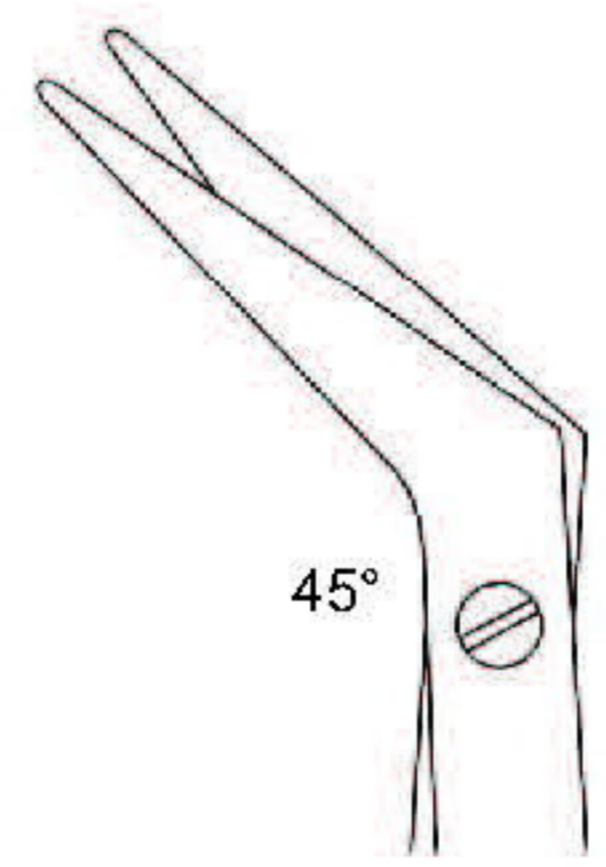
$\frac{1}{2}$
POTTS-SMITH
 19 cm / 7 $\frac{1}{2}$ "



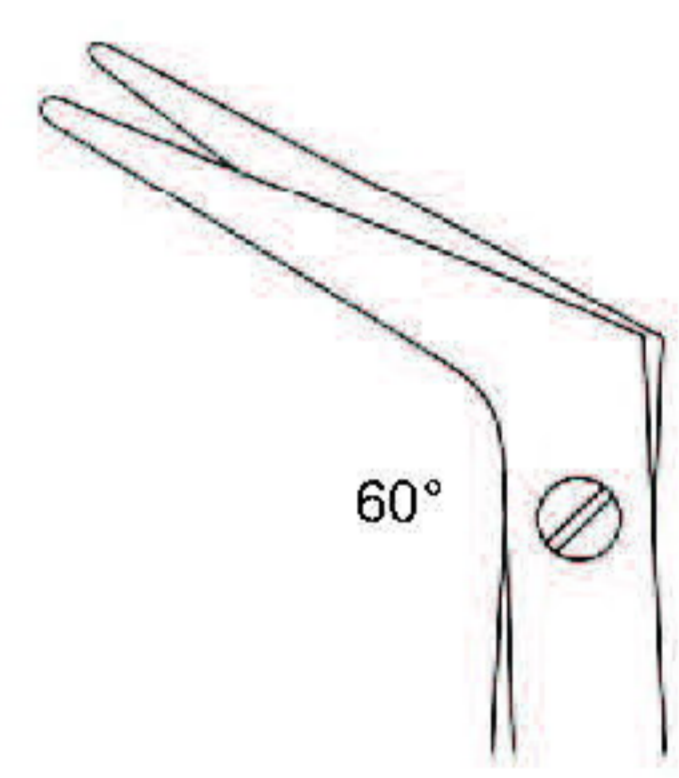
DEBAKEY



16 cm / 6 $\frac{1}{4}$ " 04-0760-16
 23 cm / 9" 04-0760-23
 28 cm / 11" 04-0760-28

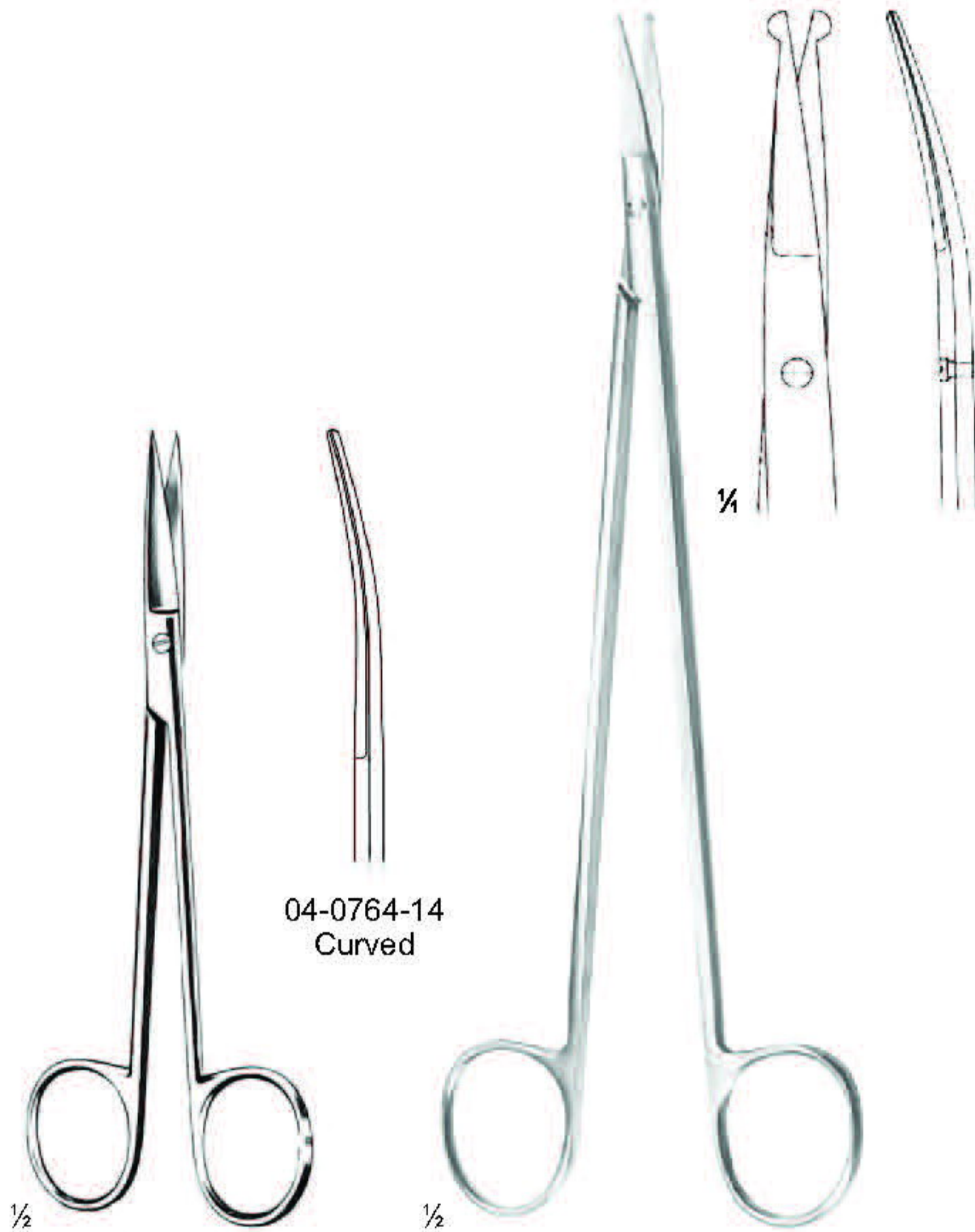


04-0761-16
 04-0761-23
 04-0761-28



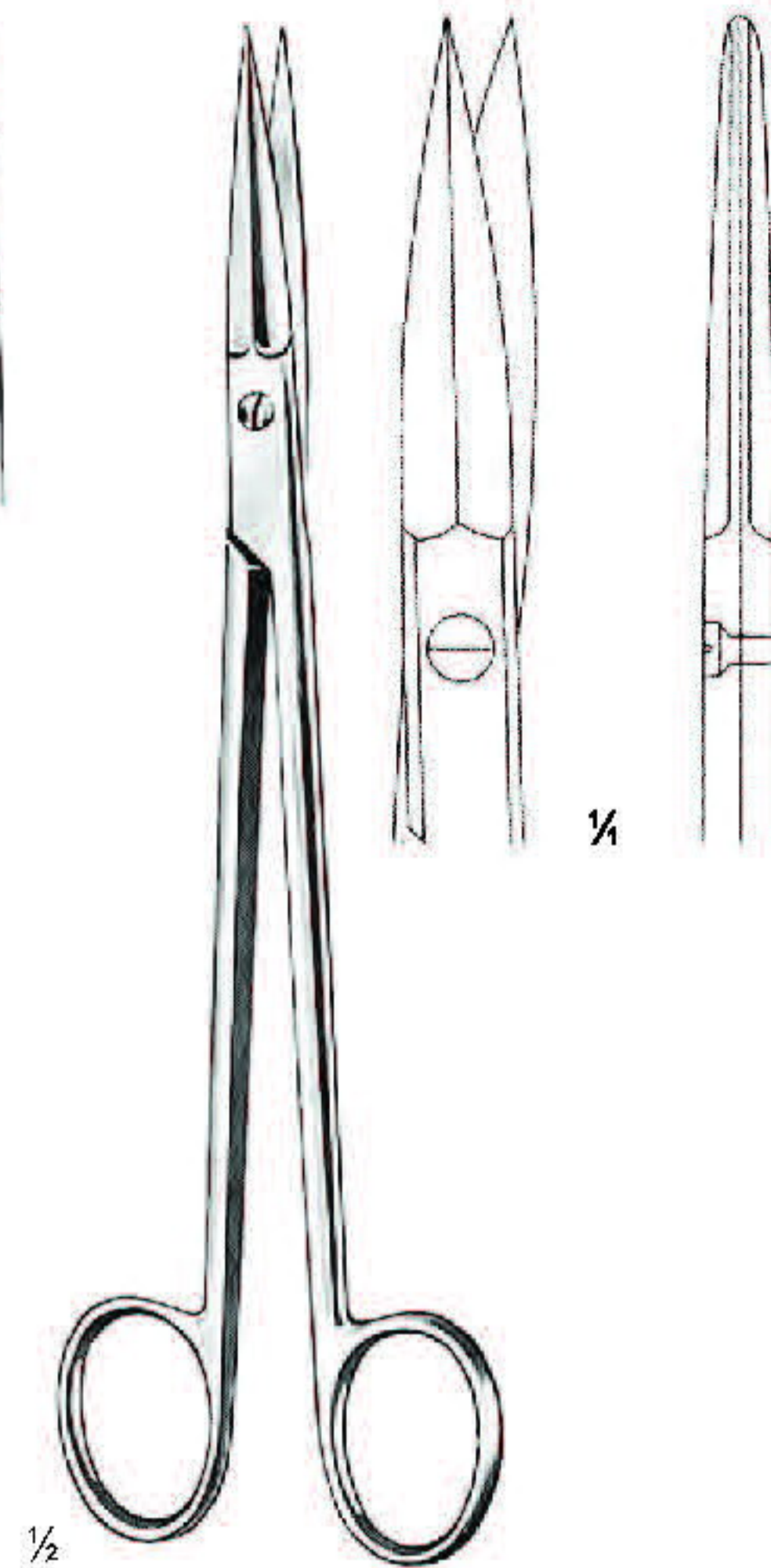
04-0762-16
 04-0762-23
 04-0762-28

SCISSORS



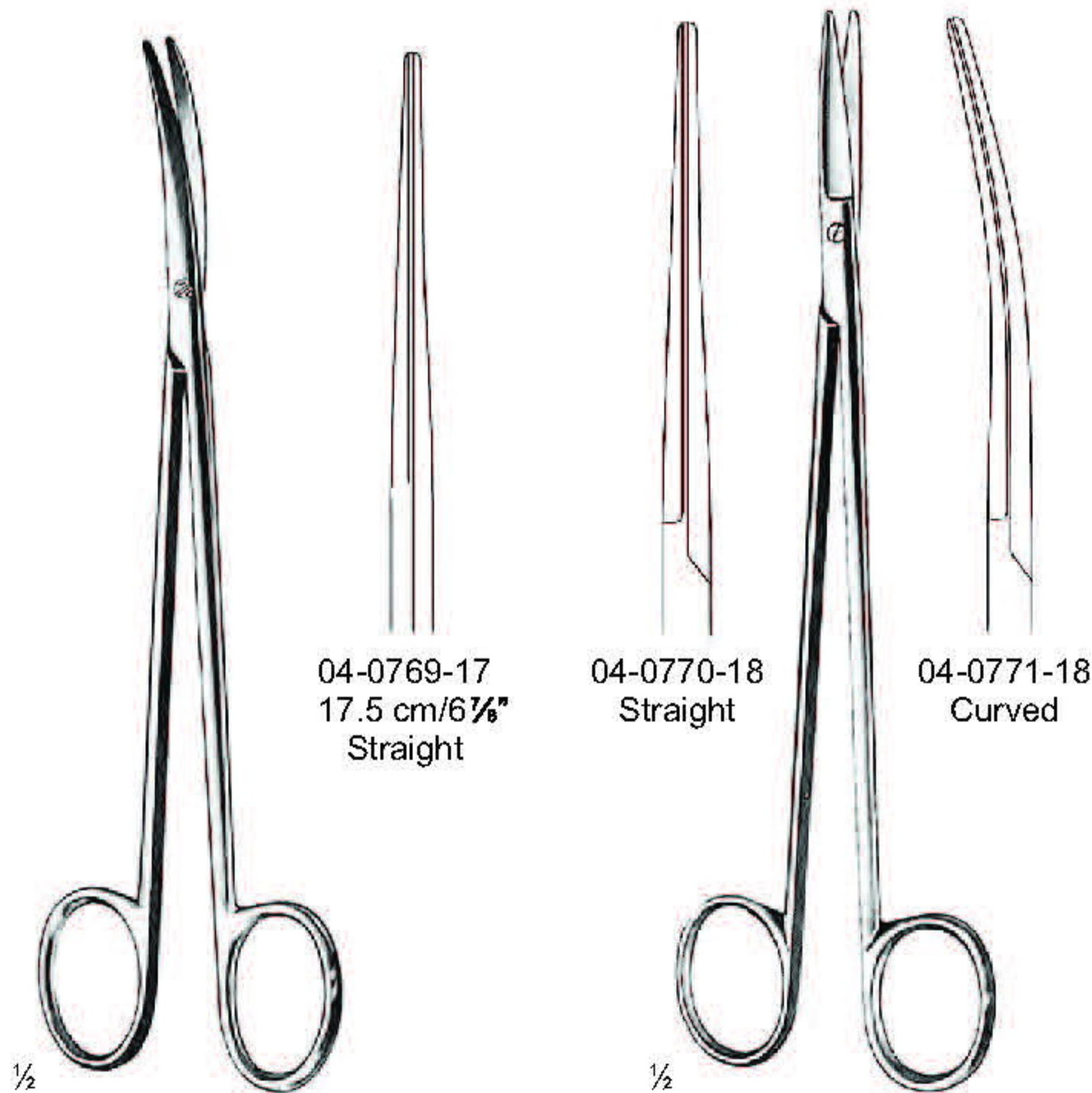
JOSEPH
 04-0763-14
 14 cm/5 1/2"
 Straight

STRULLY
 04-0765-22
 22 cm/8 1/2"



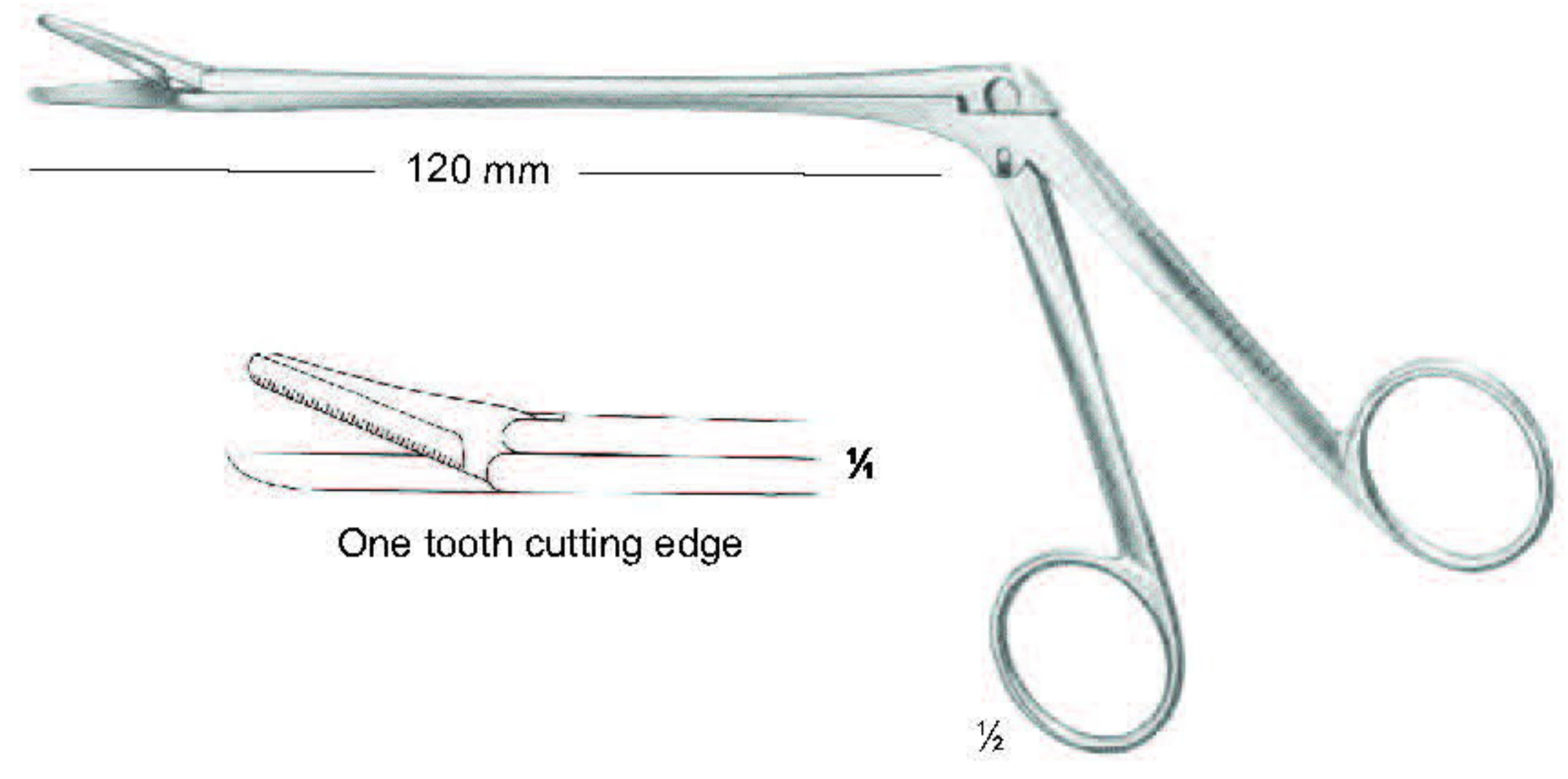
MCINDOE
 04-0766-19
 19 cm/7 1/2"

DANDY
 04-0767-17
 17 cm/6 3/4"

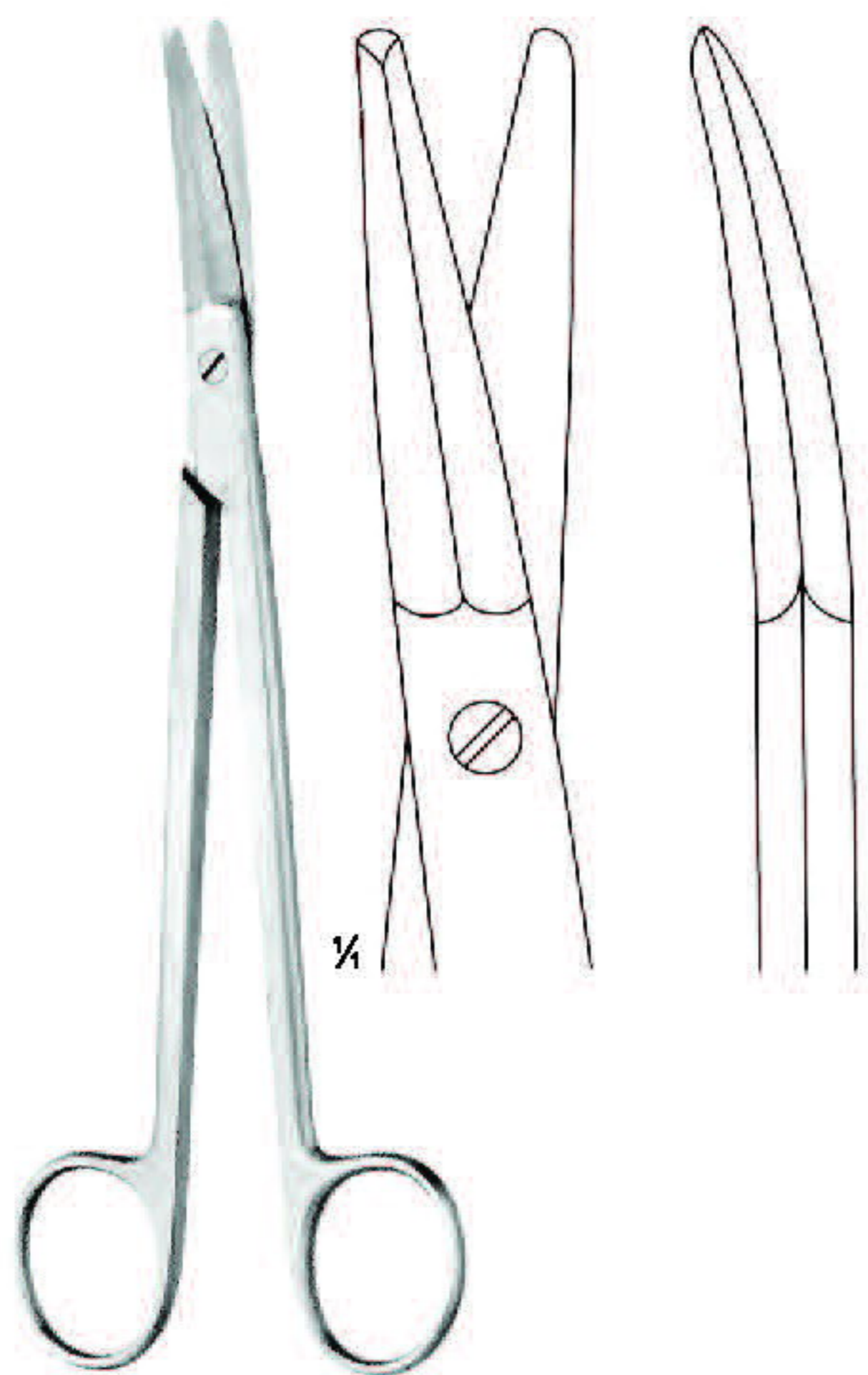


TOENNIS-ADSON
 04-0768-17
 17.5 cm/6 7/8"
 Curved

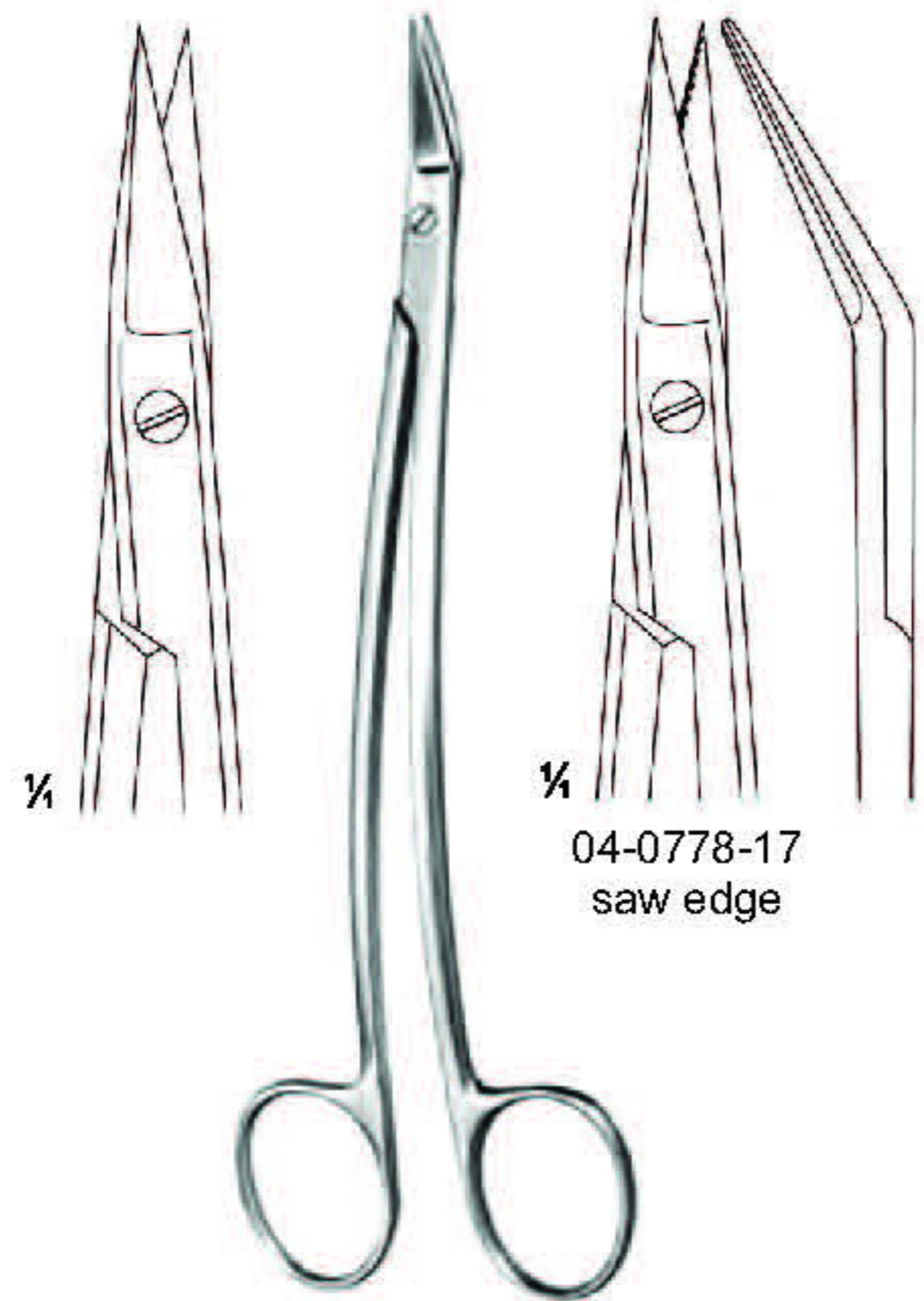
TOENNIS
 18 cm/7 1/8"



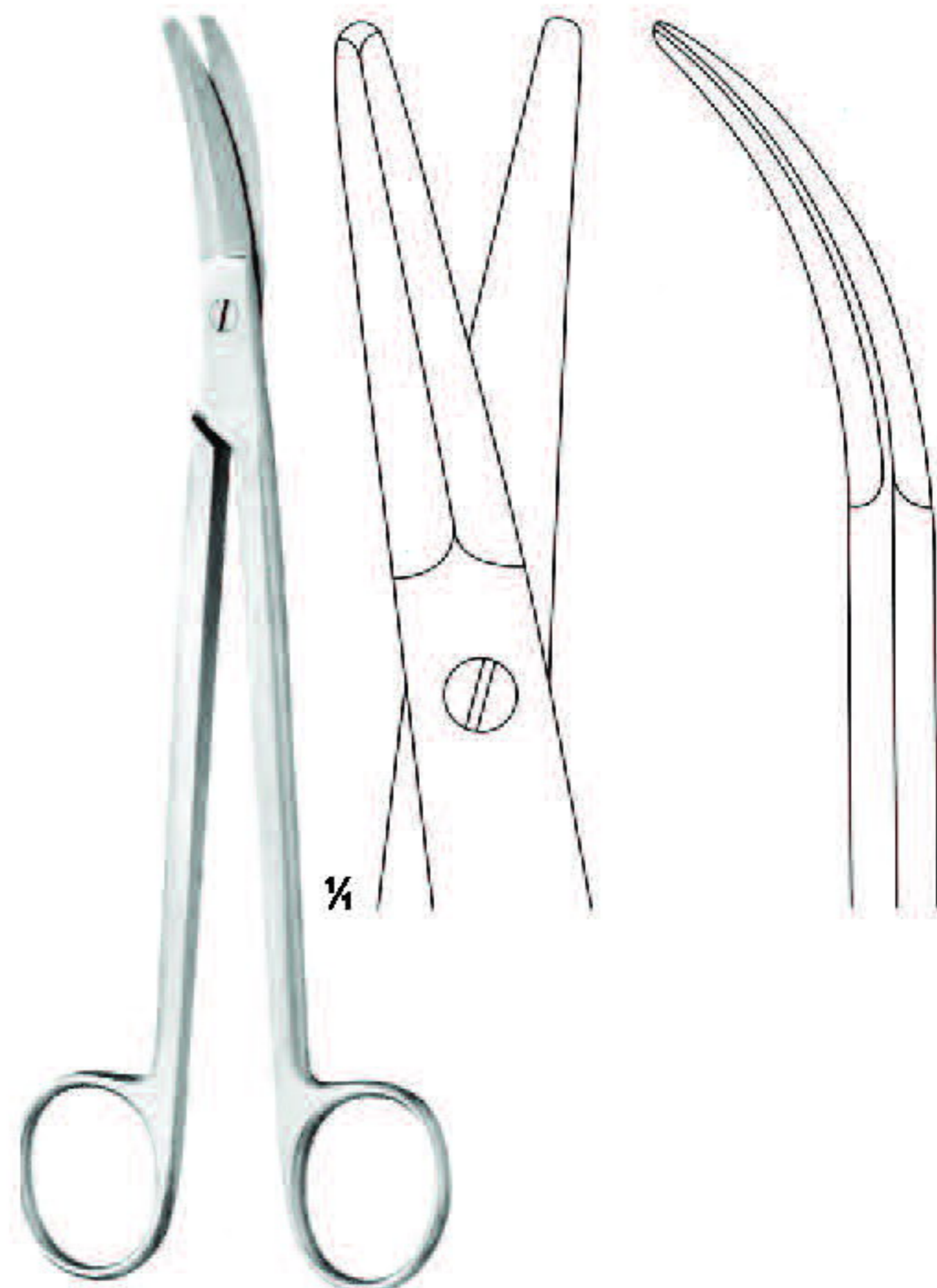
OLIVECRONA
 Trigeminal Scissors
 04-0772-23
 23 cm/9"



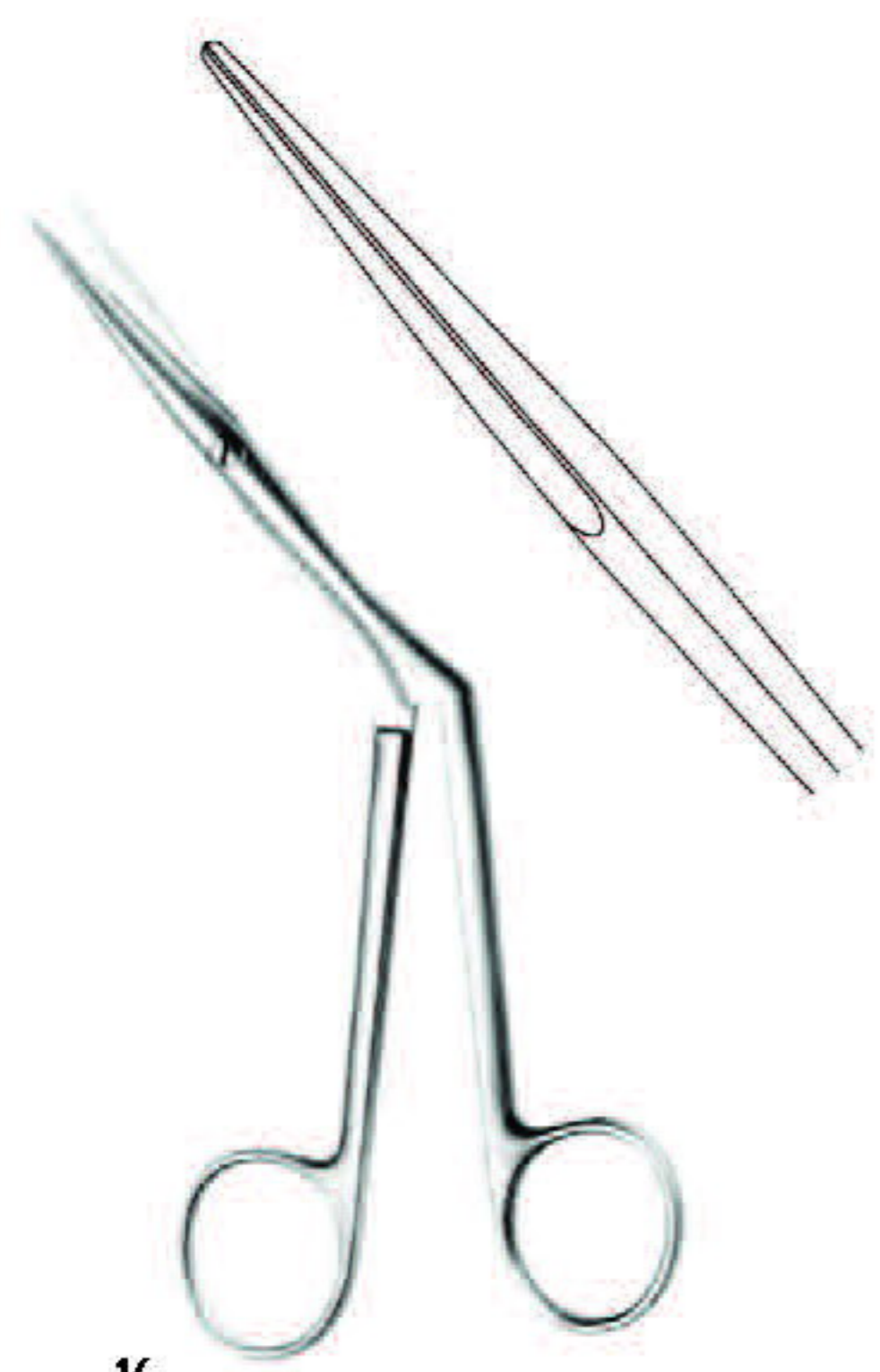
BOETTCHER
 04-0776-18
 18 cm/7 1/4"



DEAN
 04-0777-17
 17 cm/6 3/4"



PRINCE
 04-0779-17
 17.5 cm/6 7/8"



HEYMANN
 04-0780-18
 18 cm/7 1/4"

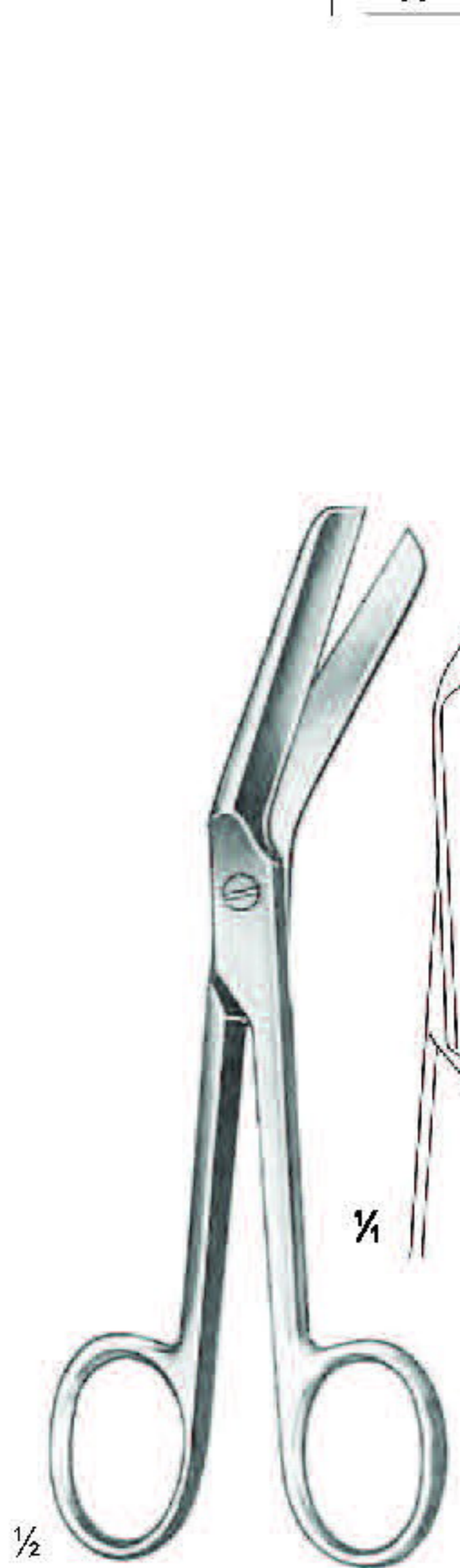


COTTLE
 04-0781-16
 16 cm/6 1/4"

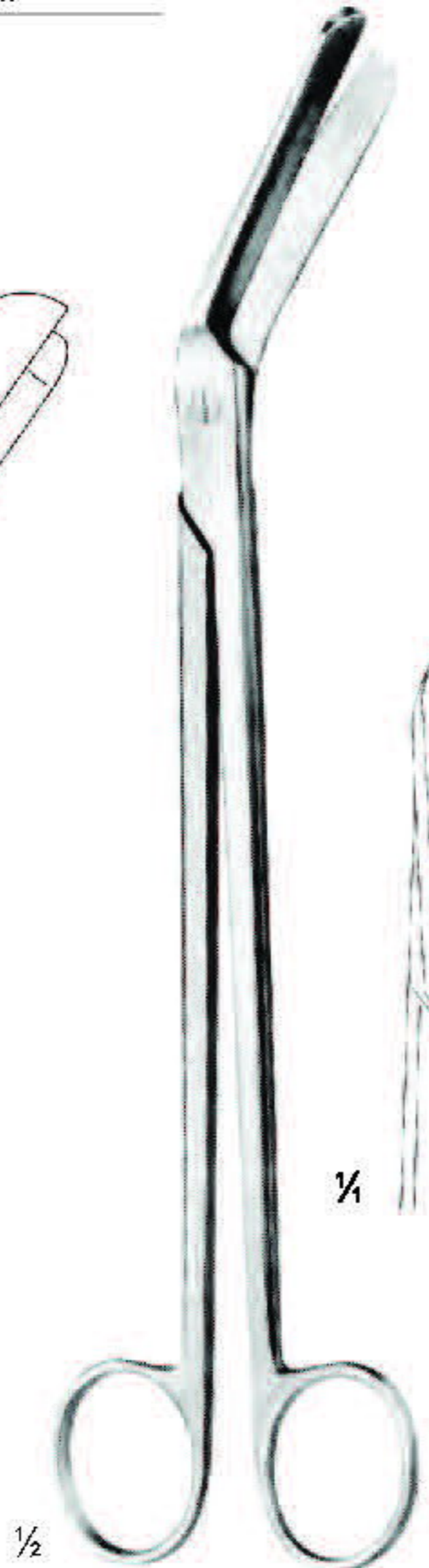
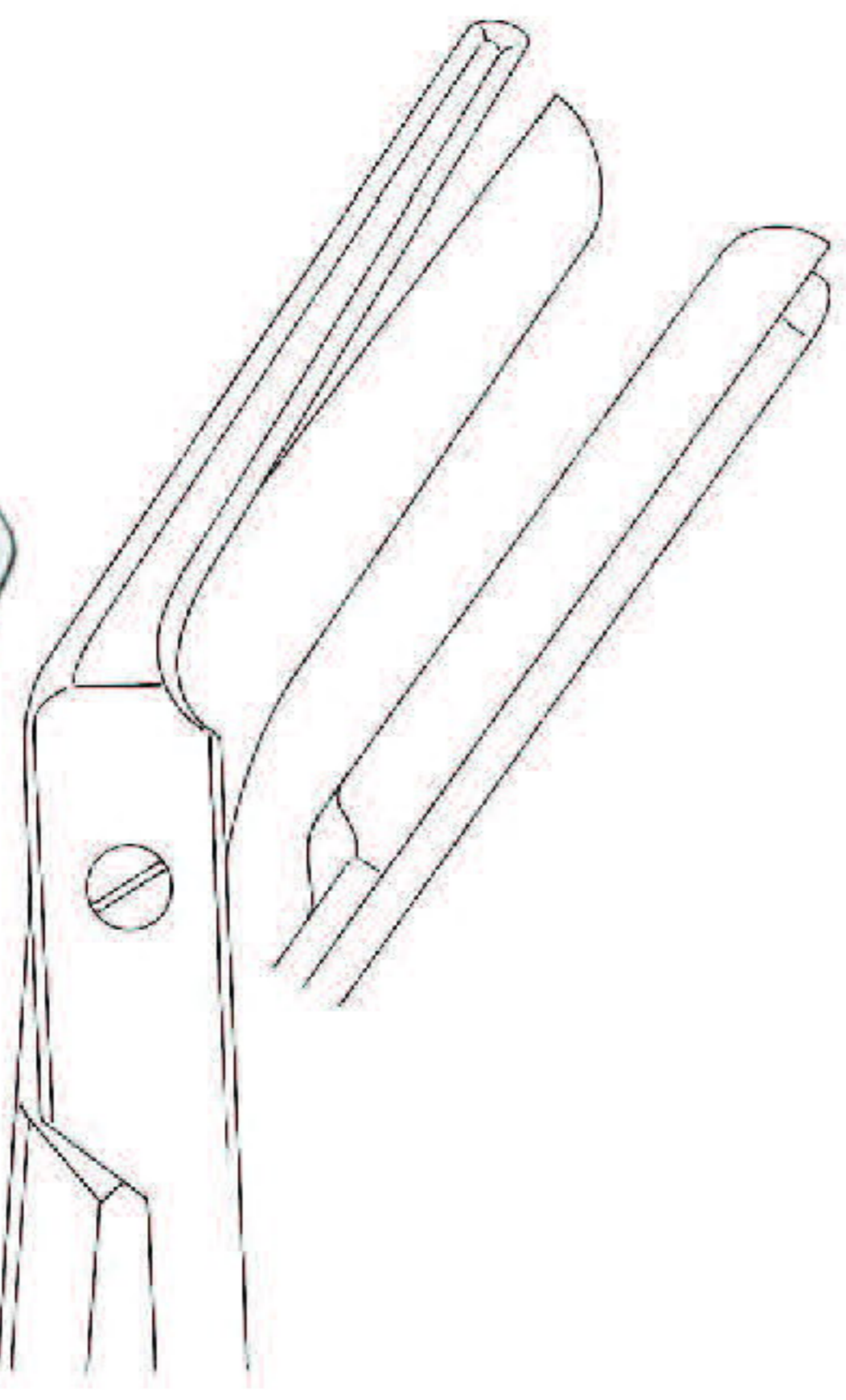


FOMON
 04-0782-15
 15 cm/5 7/8"

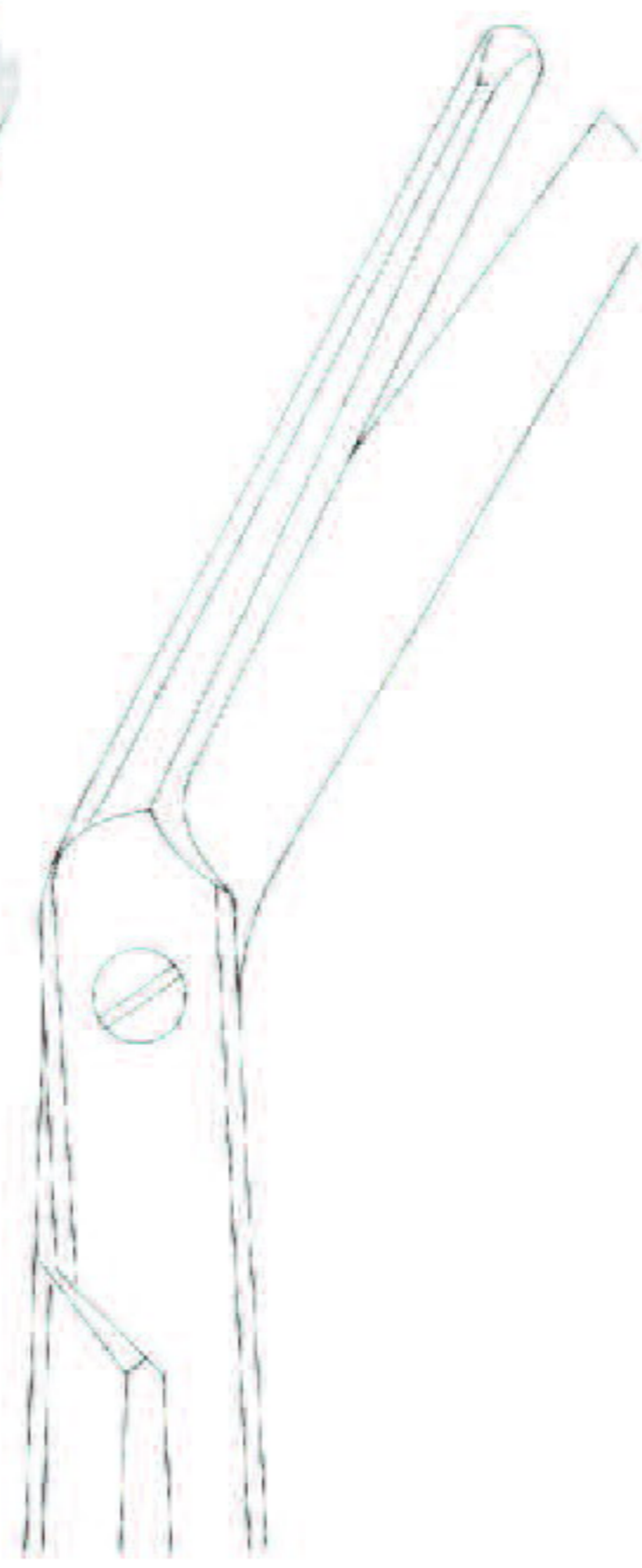
SCISSORS



BRAUN-STADLER
 04-0783-14
 14.5 cm/5 3/4"



BRAUN-STADLER
 04-0784-22
 22 cm/8 1/2"



04-0785-24
 Episiotomy Scissors
 24 cm/9 1/2"

One toothed cutting edge

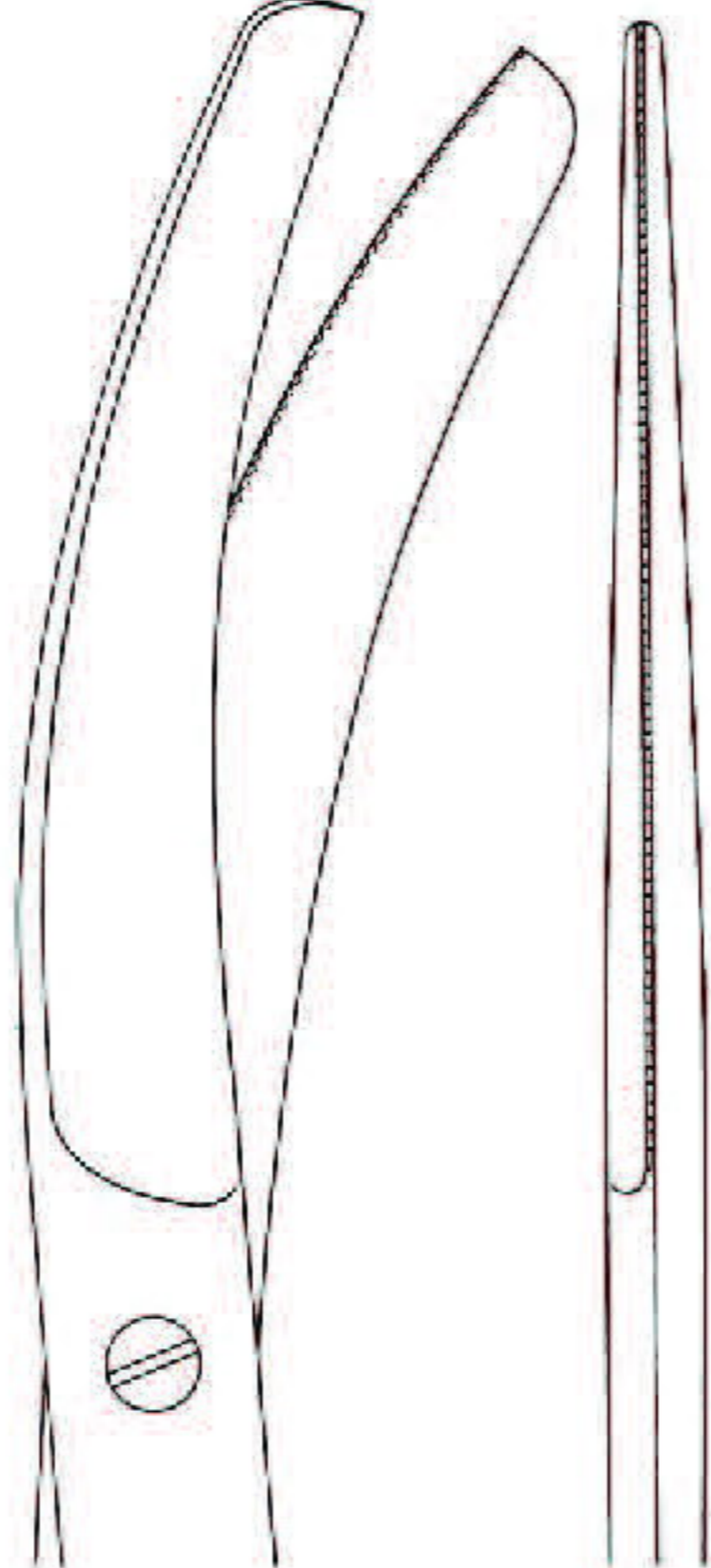


BUSCH

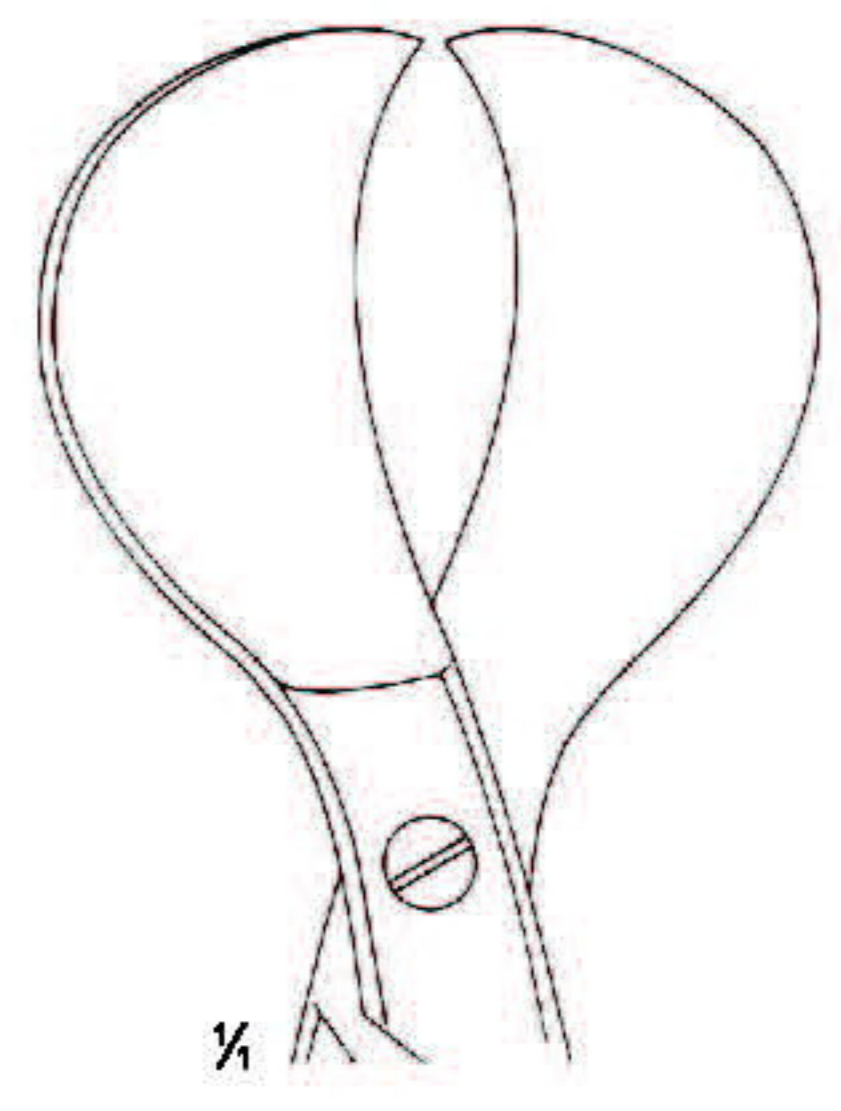
04-0786-13 13 cm/5 1/8"
 04-0786-16 16 cm/6 1/4"

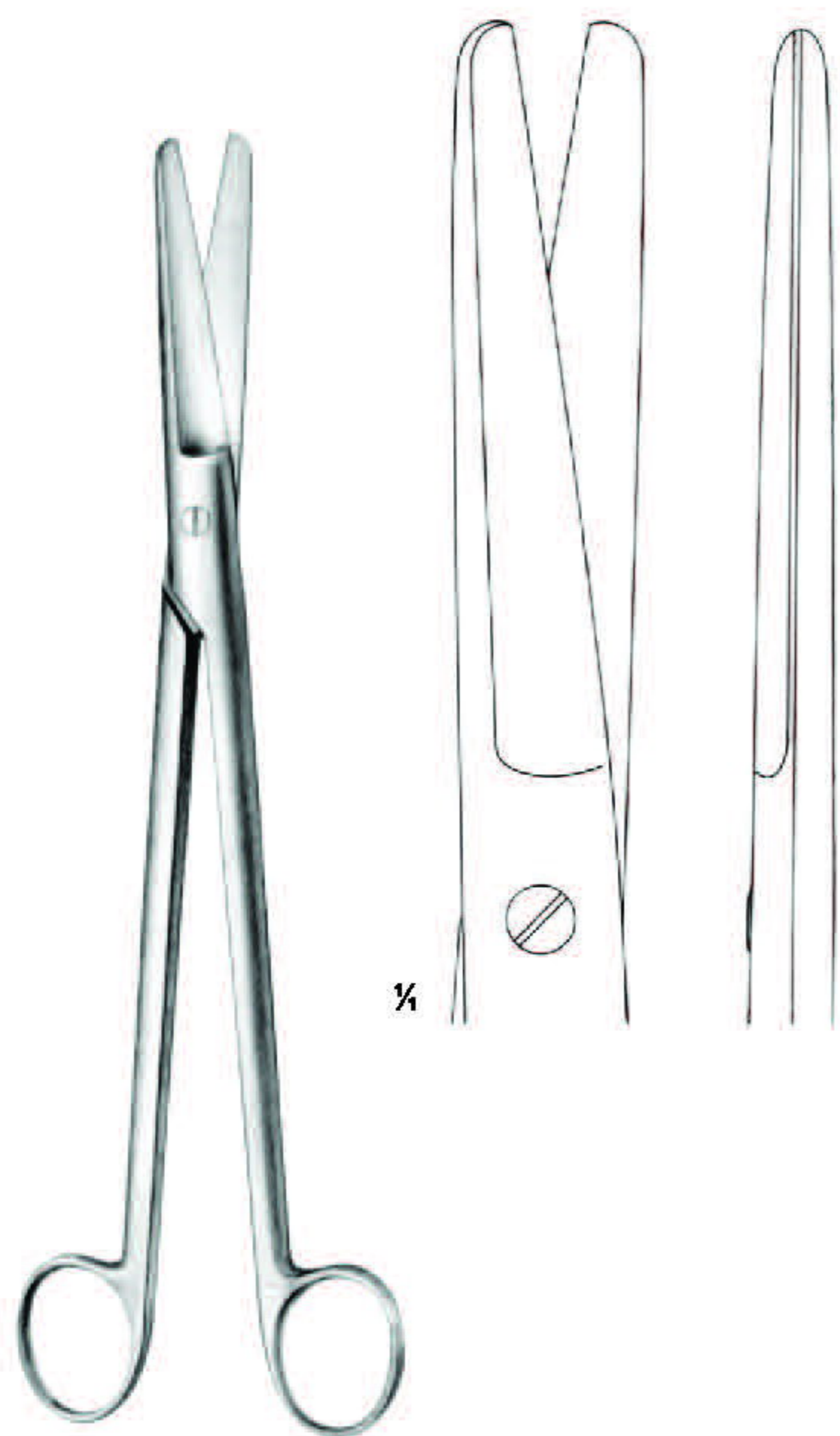


04-0787-13 13 cm/5 1/8"
 04-0787-16 16 cm/6 1/4"
 One tooth cutting edge

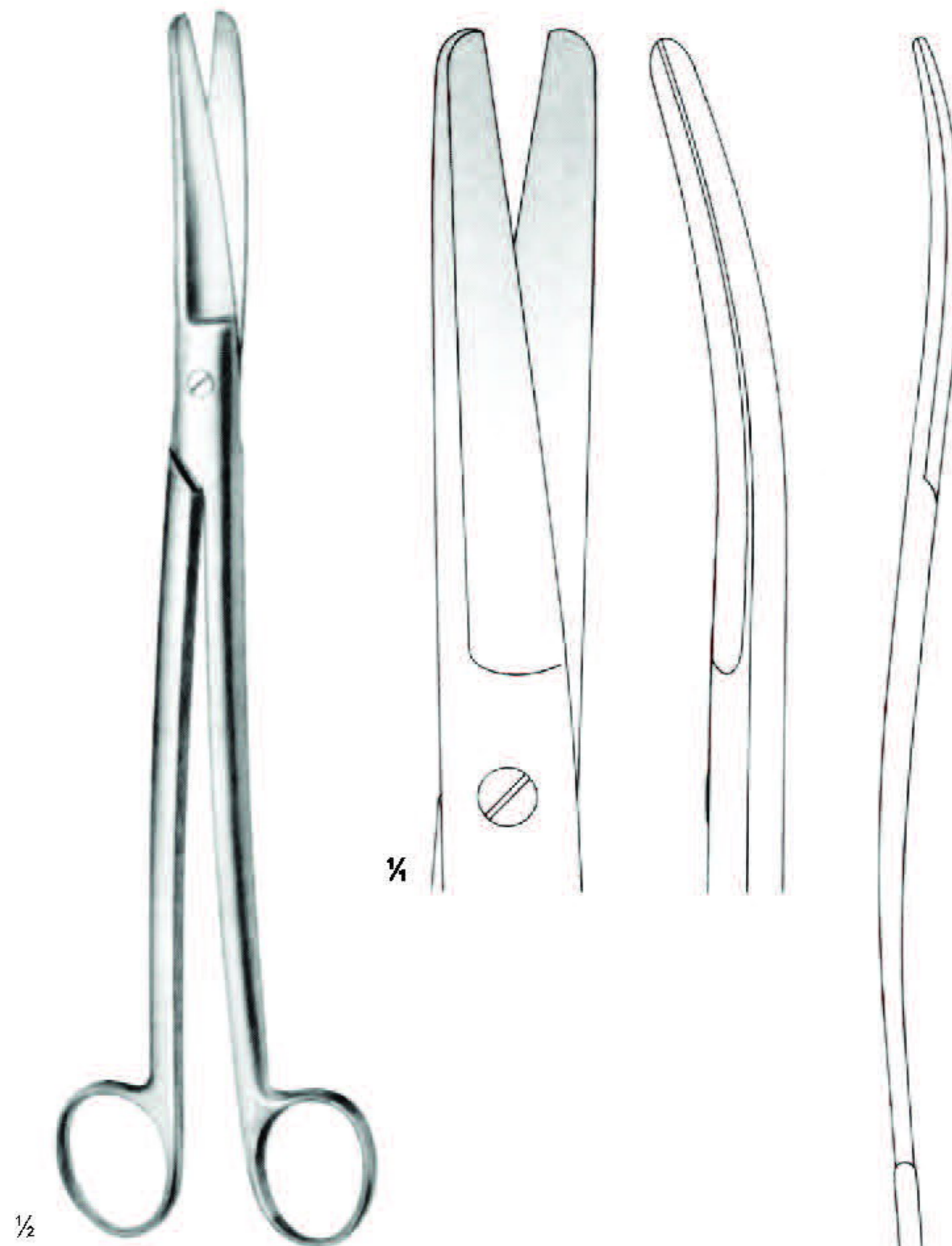


MOD. USA
 04-0788-10
 10.5 cm/4 1/8"

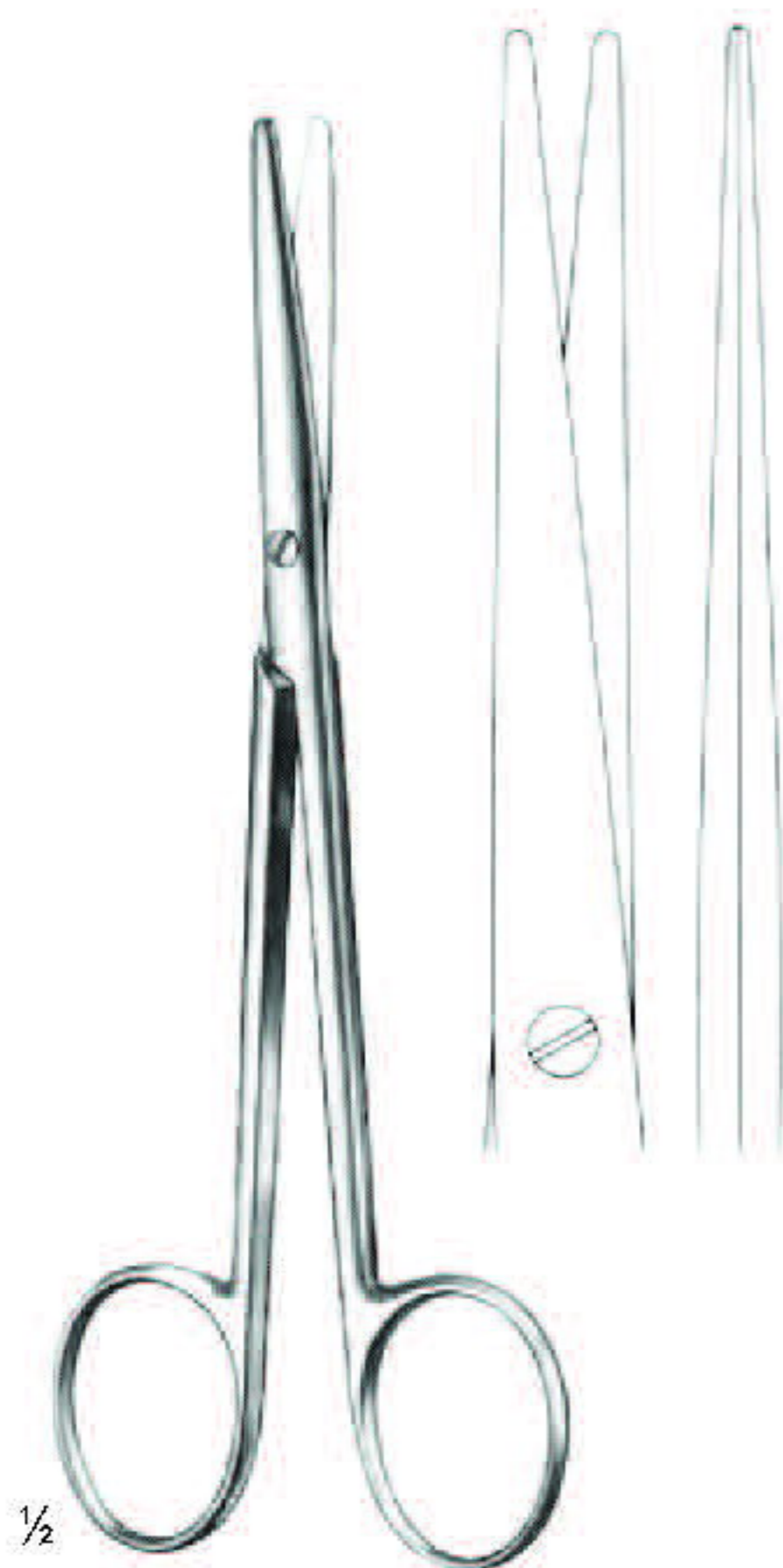




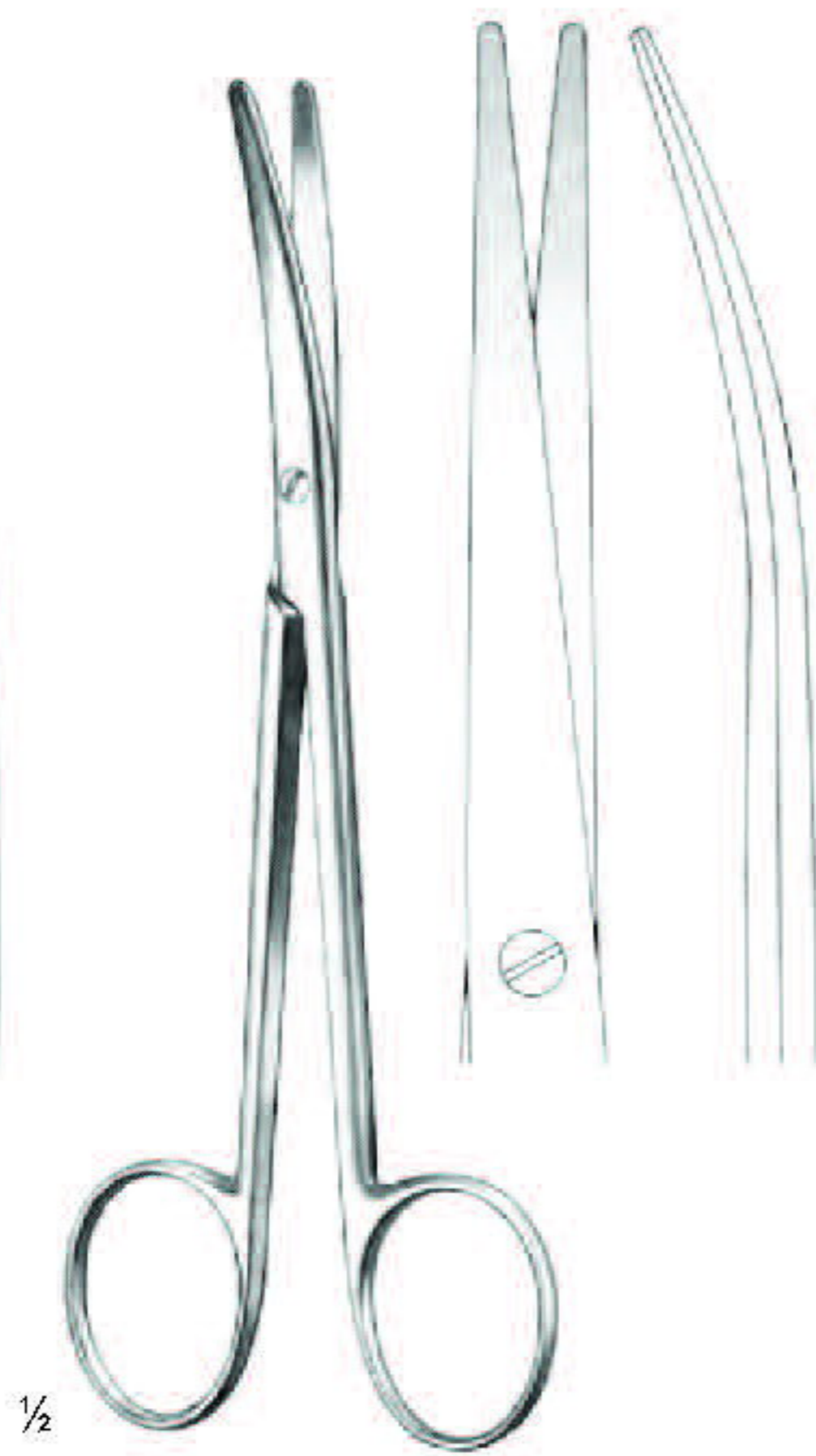
SIMS-SIEBOLD
 straight
 04-0796-24
 24 cm/9 1/2"



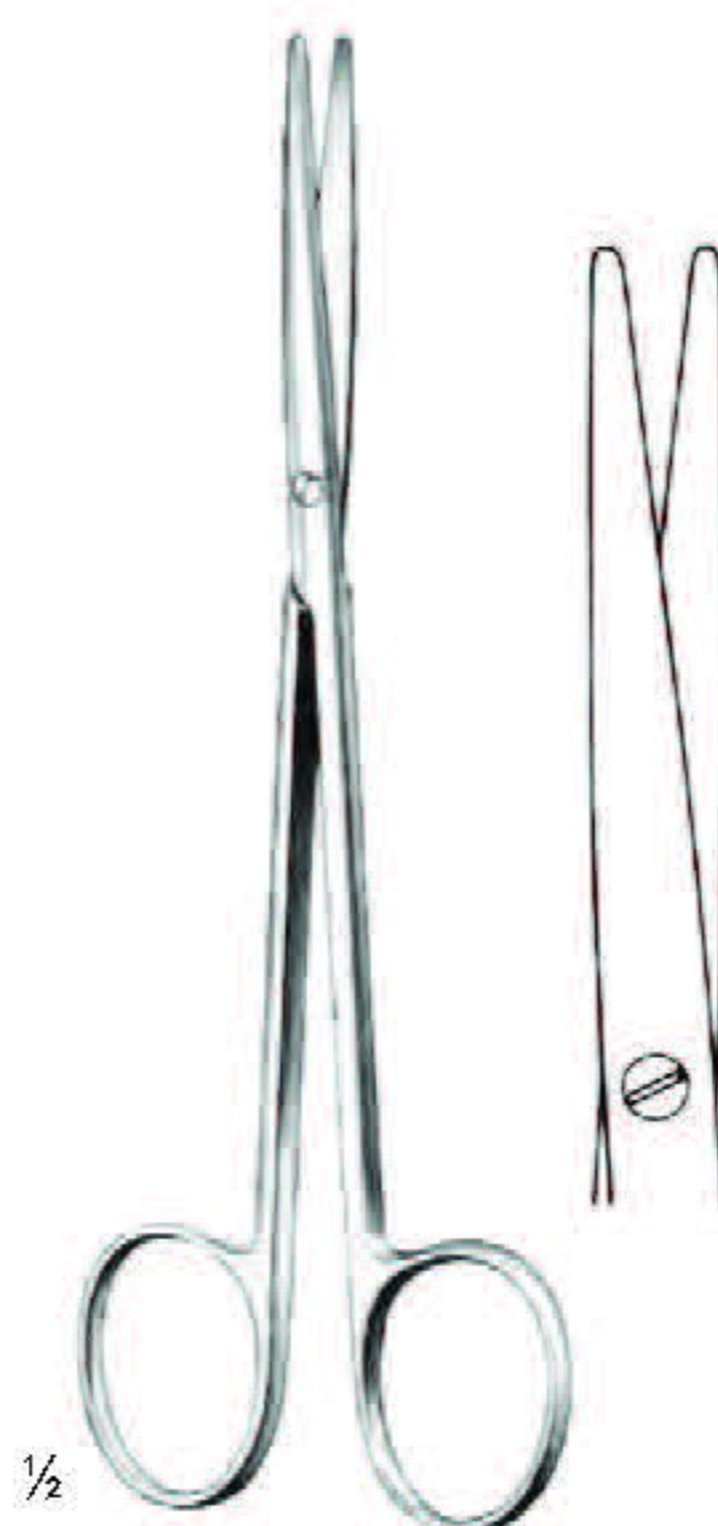
SIMS-SIEBOLD
 S-Shaped
 04-0797-24
 24 cm/9 1/2"



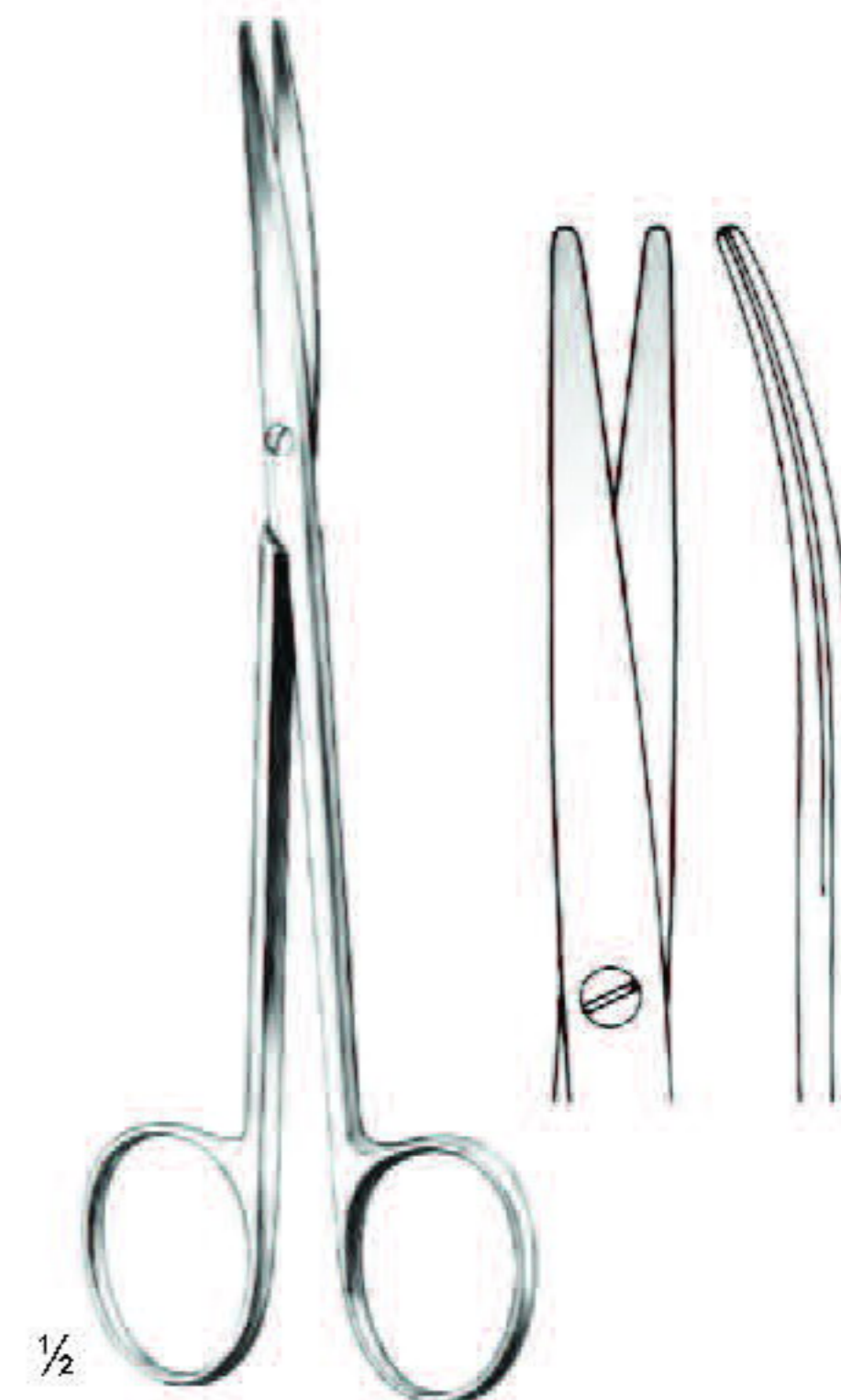
LEXER-FINO
 04-0798-16
 16 cm/6 1/4"
 Straight



LEXER-FINO
 04-0799-16
 16 cm/6 1/4"
 Curved



METZENBAUM-FINO
 04-0800-14
 14.5 cm/5 3/4"
 Straight
 Blunt/Blunt



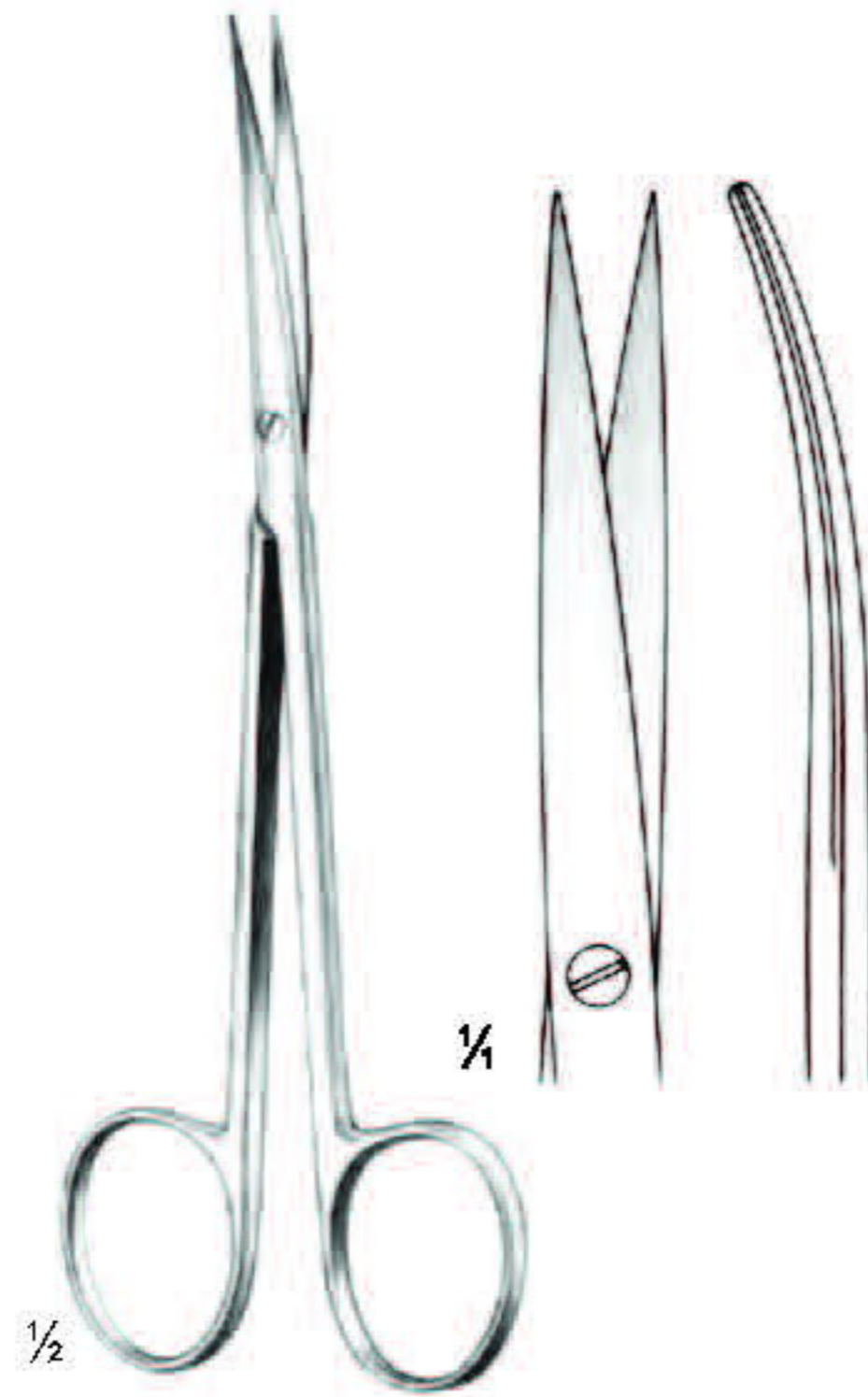
METZENBAUM-FINO
 04-0801-14
 14.5 cm/5 3/4"
 Curved
 Blunt/Blunt

EN	Fine Dissecting Scissors
DE	Fine Präparierscheren
ES	Tijeras finas de disección
FR	Ciseaux à dissection fine
IT	Forbici da dissezione fini

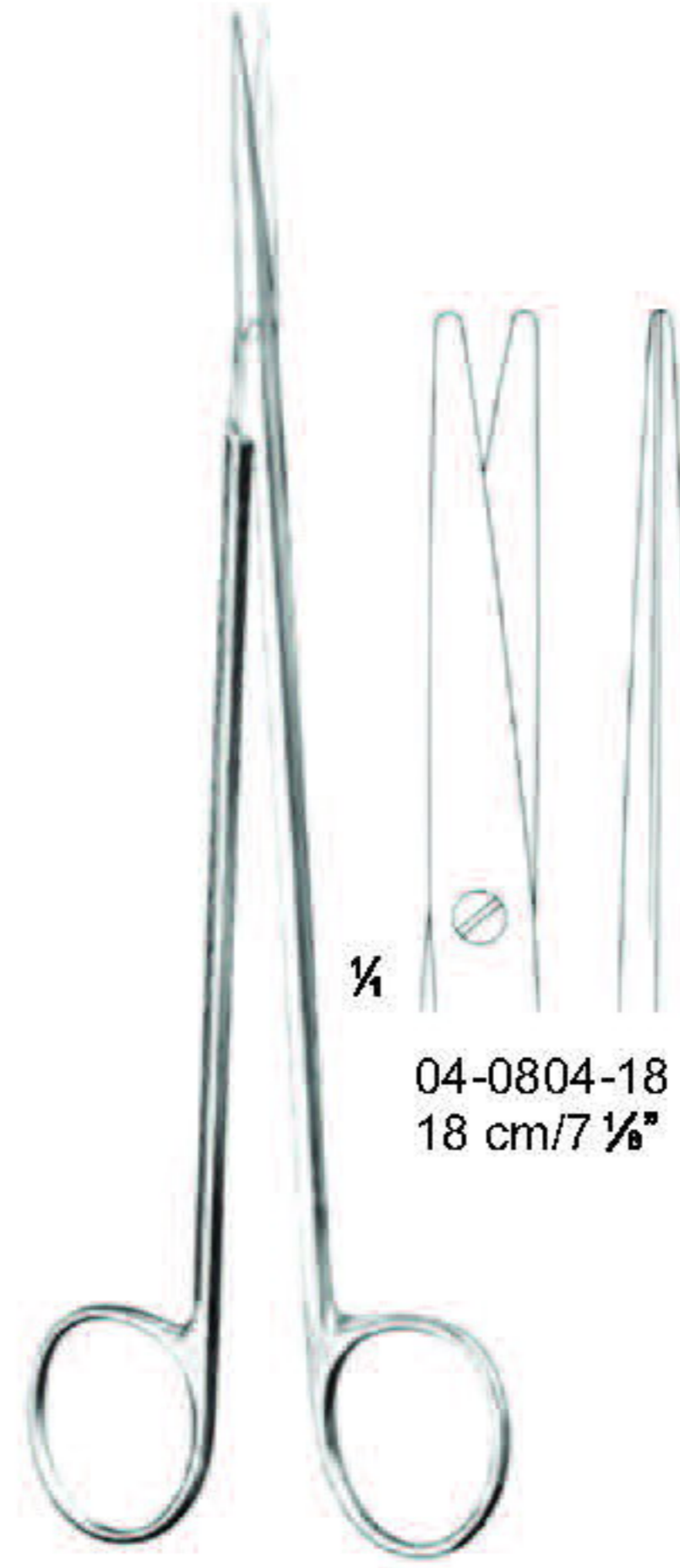
SCISSORS



METZENBAUM-FINO
04-0802-14
14.5 cm/5 3/4"
Straight
Sharp/Sharp

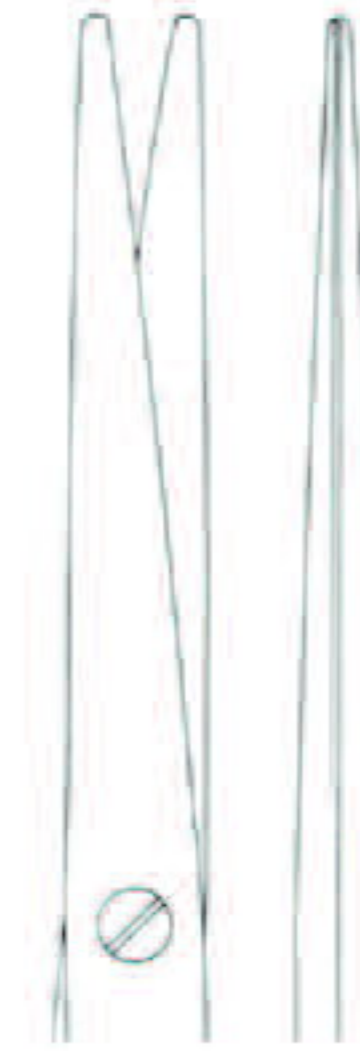


METZENBAUM-FINO
04-0803-14
14.5 cm/5 3/4"
Curved
Sharp/Sharp

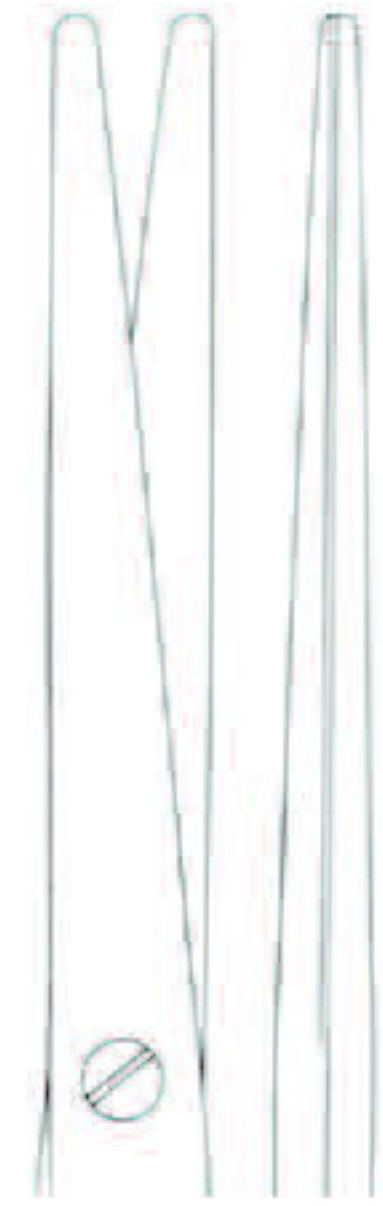


METZENBAUM-FINO

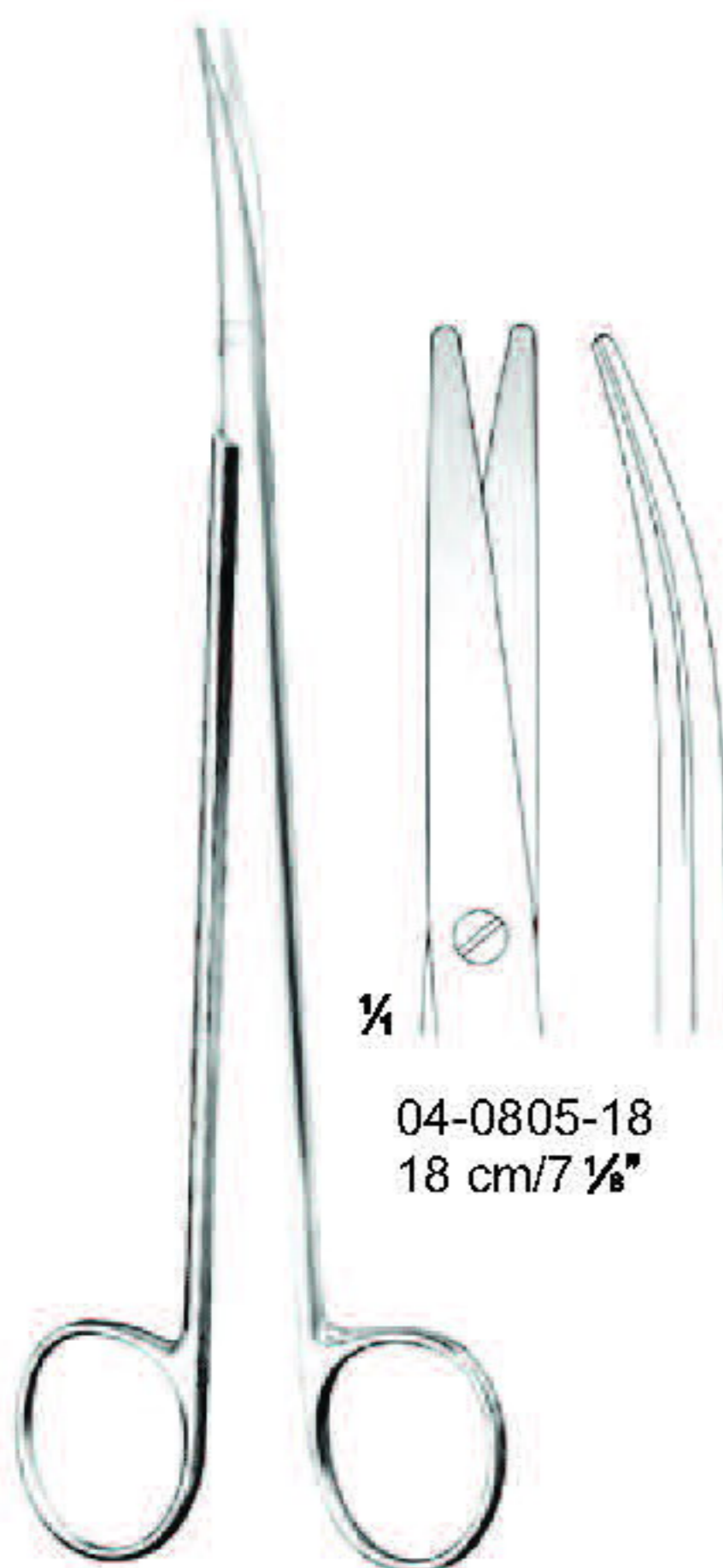
04-0804-18
18 cm/7 1/8"



04-0804-20
20 cm/7 7/8"

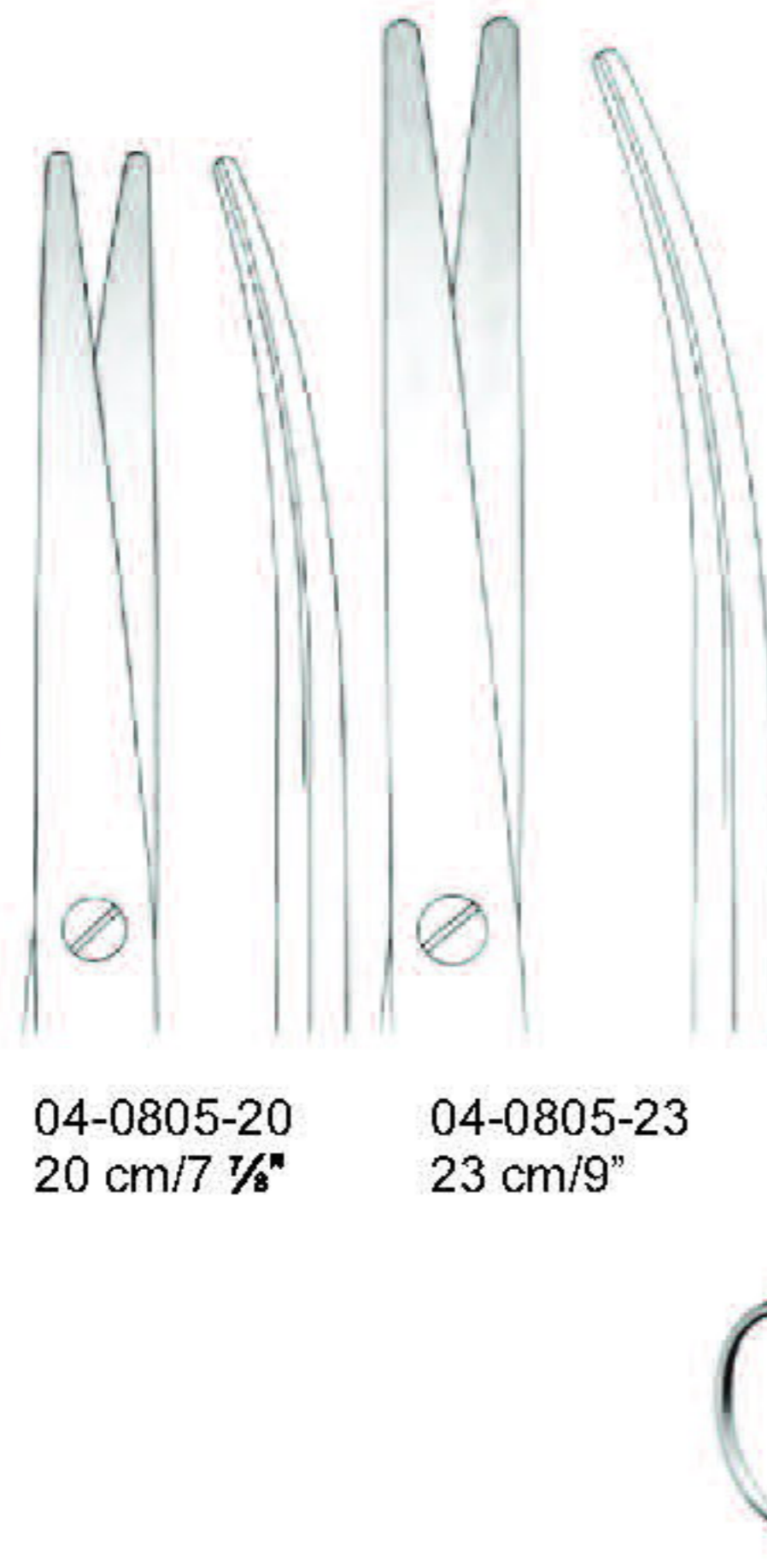


04-0804-23
23 cm/9"



METZENBAUM-FINO

04-0805-18
18 cm/7 1/8"



04-0805-20
20 cm/7 7/8"



04-0805-23
23 cm/9"

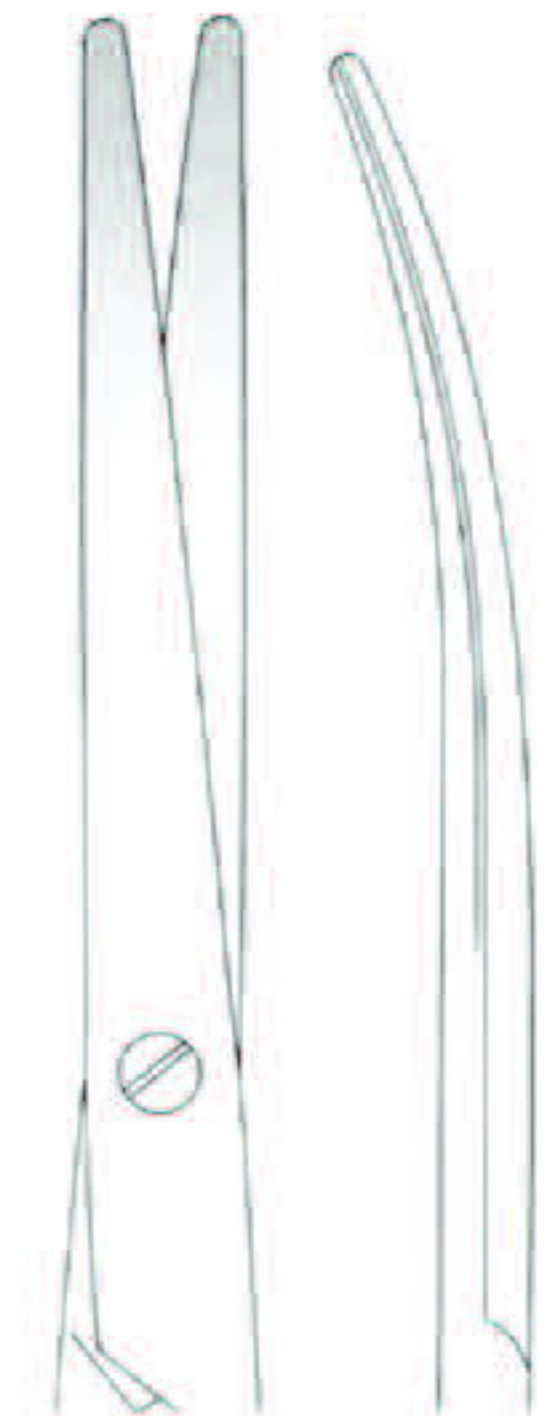


METZENBAUM-FINO
S-SHAPED

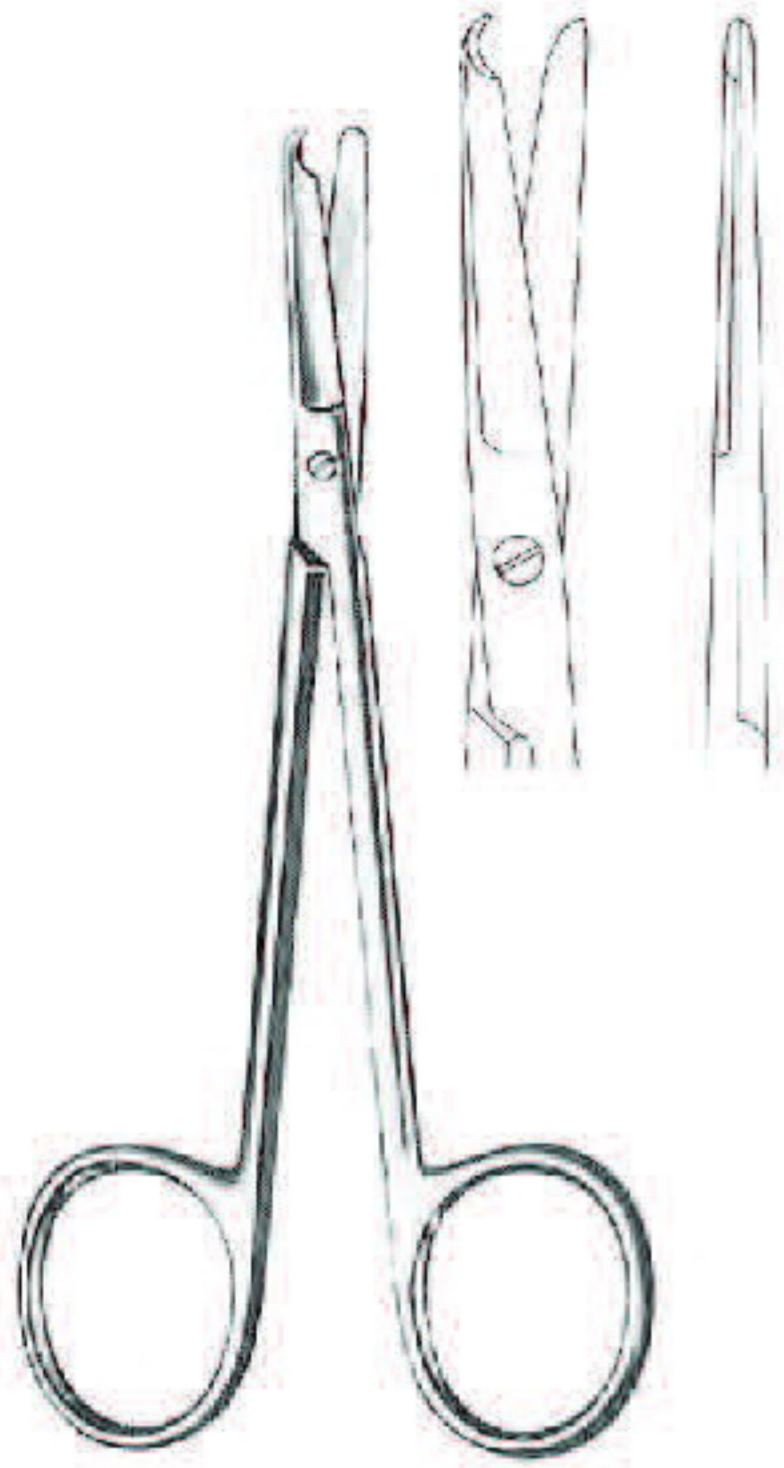
04-0806-18
18 cm/7 1/8"



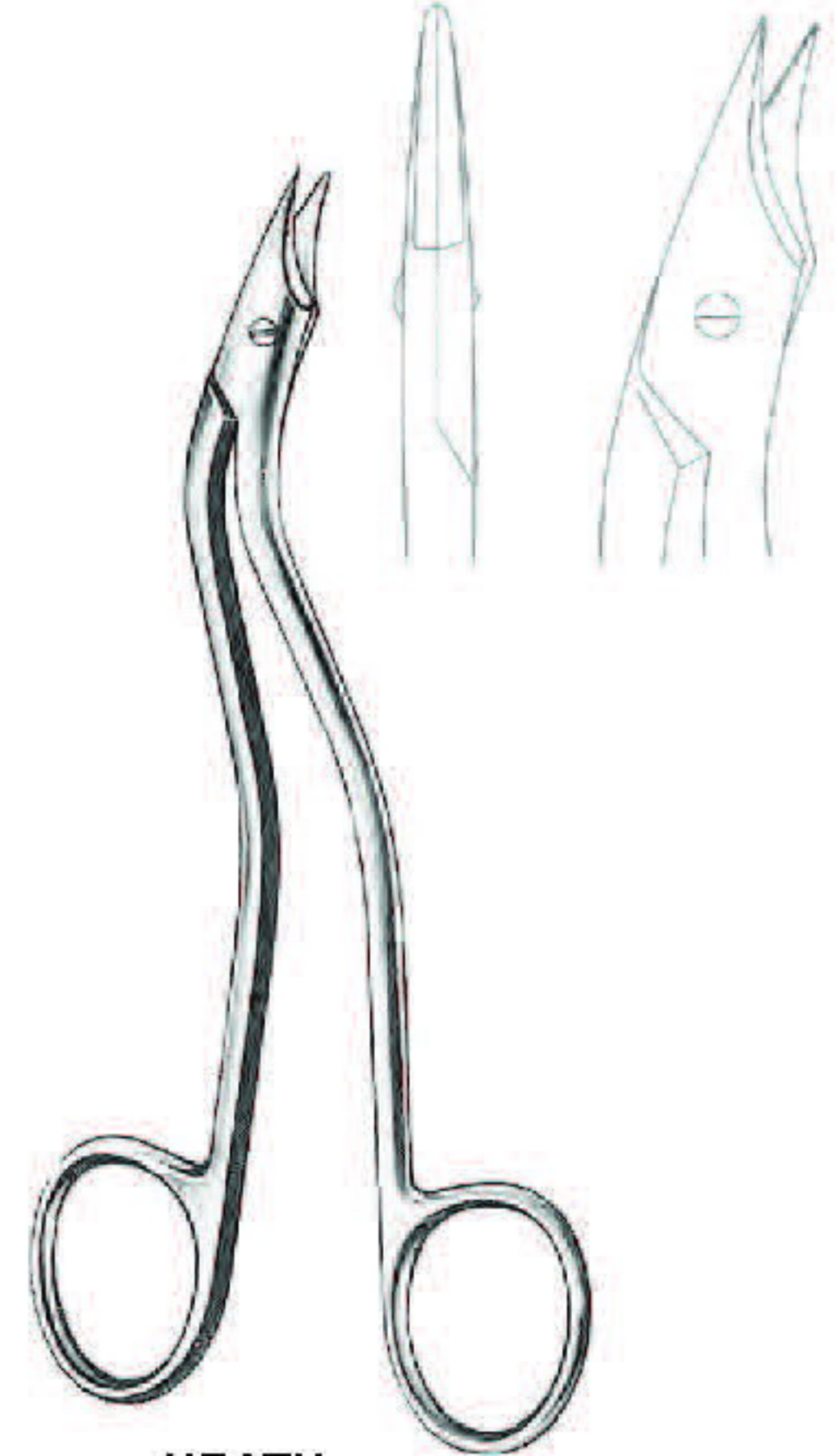
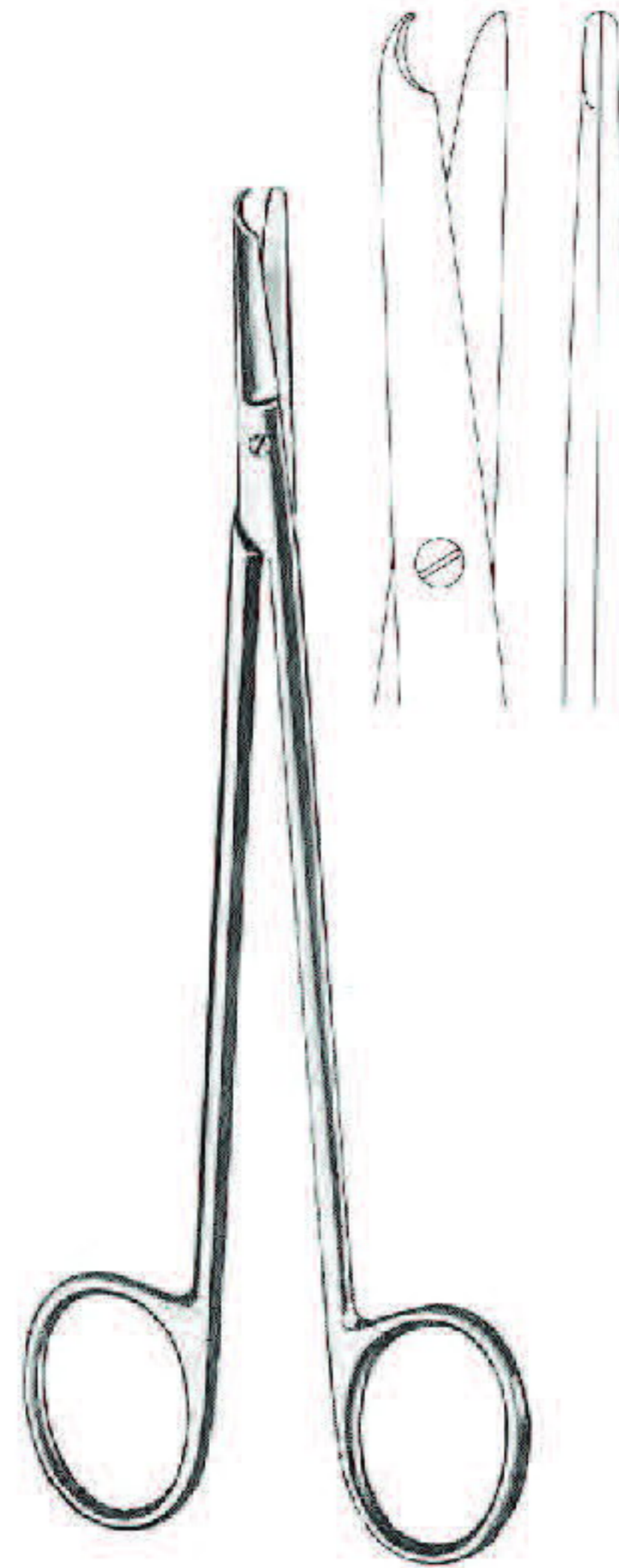
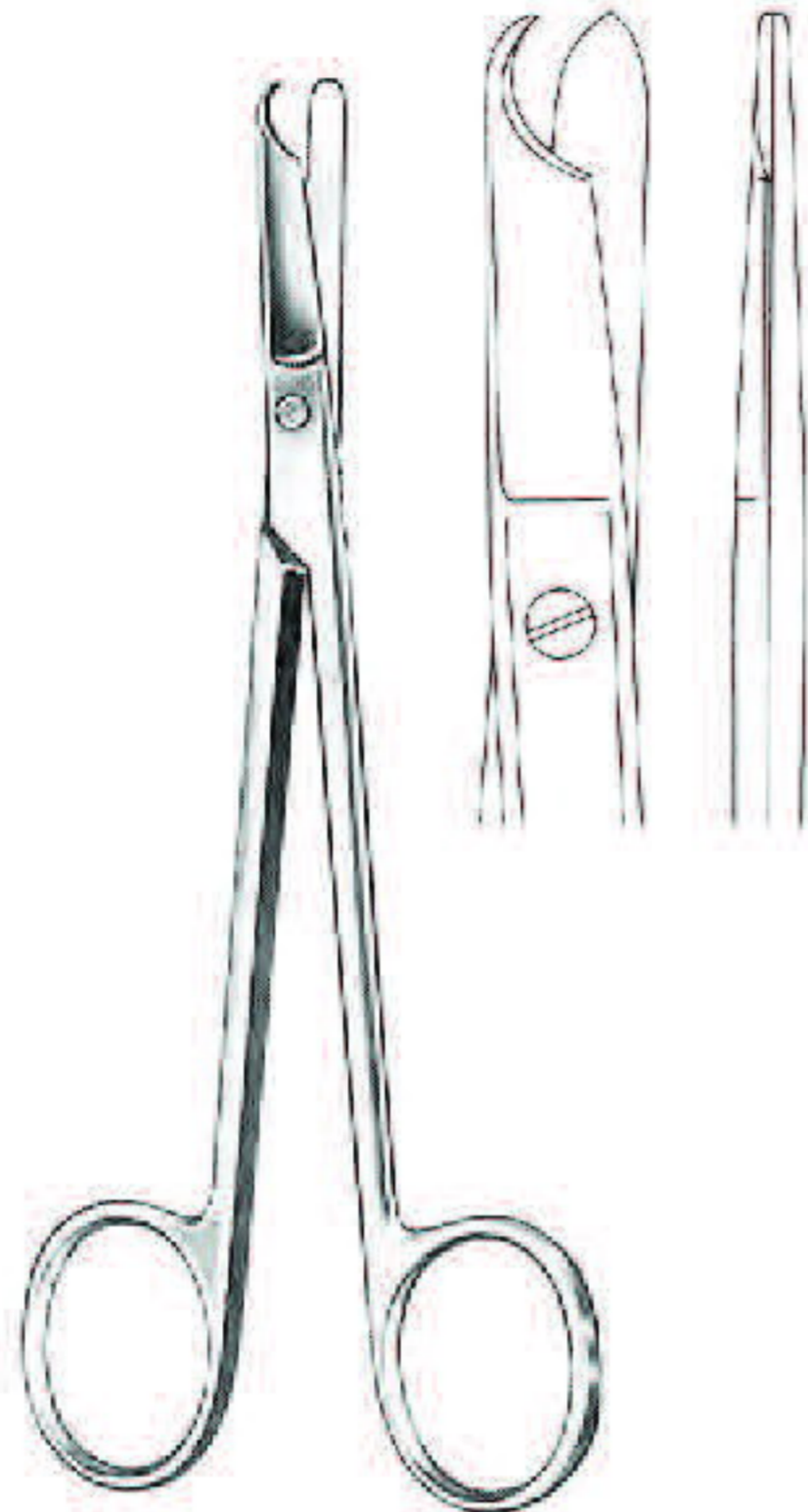
04-0806-20
20 cm/7 7/8"



04-0806-23
23 cm/9"



¼



SPENCER

04-0807-09 9 cm/3 ½"
 04-0807-10 10.5 cm/4 ¼"
 04-0807-13 13 cm/5 ¼"

LITTAUER

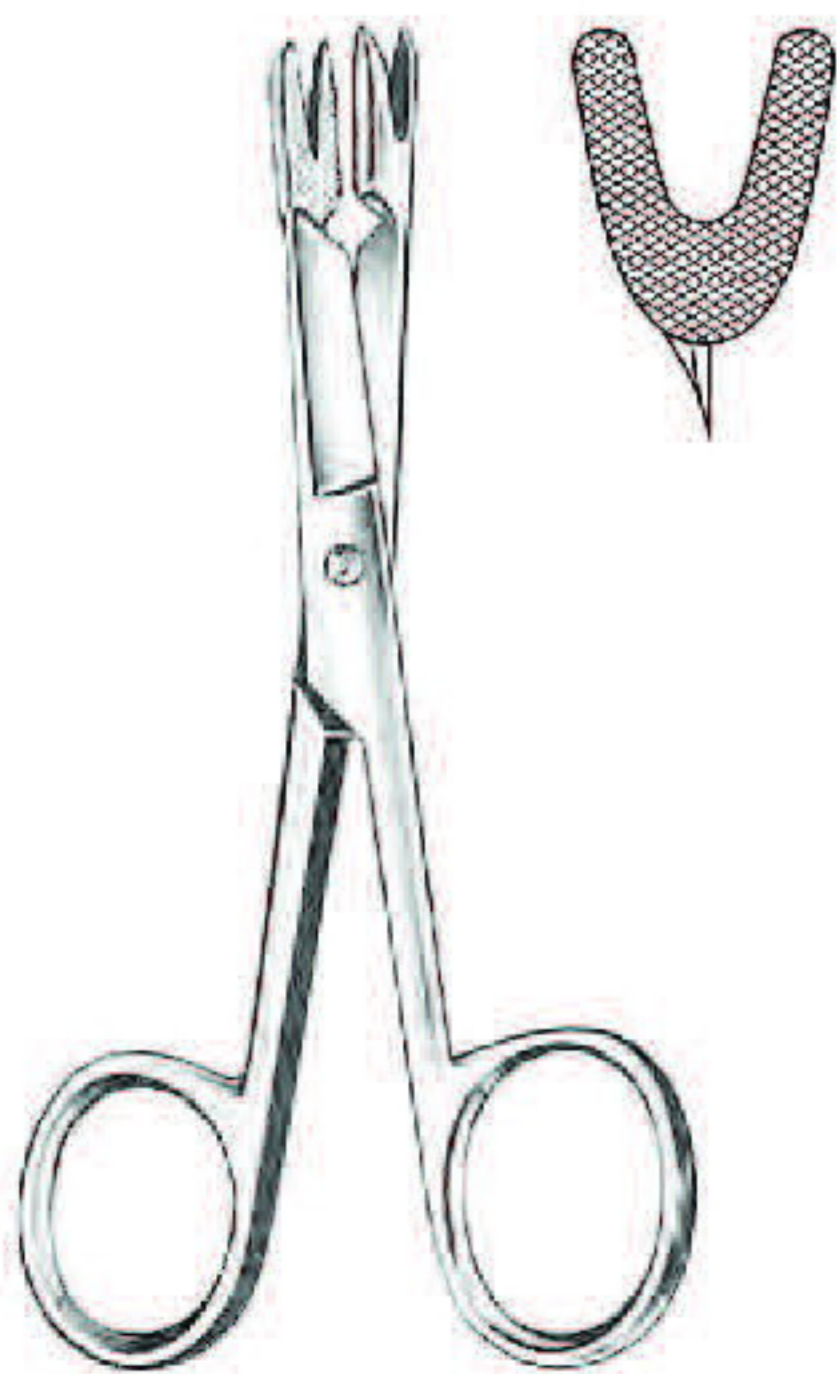
04-0808-14
 14 cm/5 ½"

BUCK

04-0809-14
 14.5 cm/5 ¾"

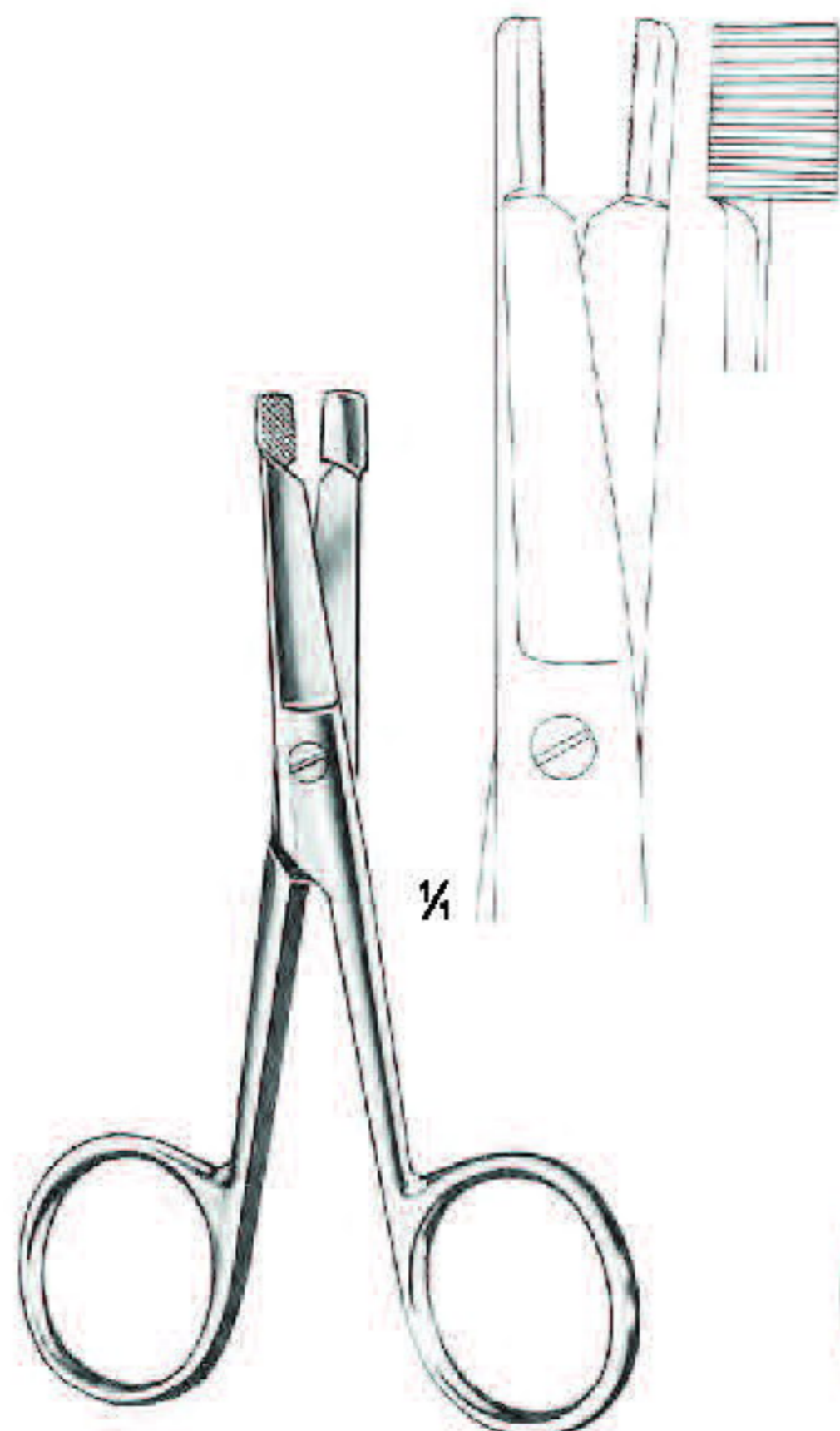
HEATH

04-0810-15
 15 cm/5 ¾"



SCHOEMAKER-LOTH

04-0811-13
 13 cm/5 ¼"



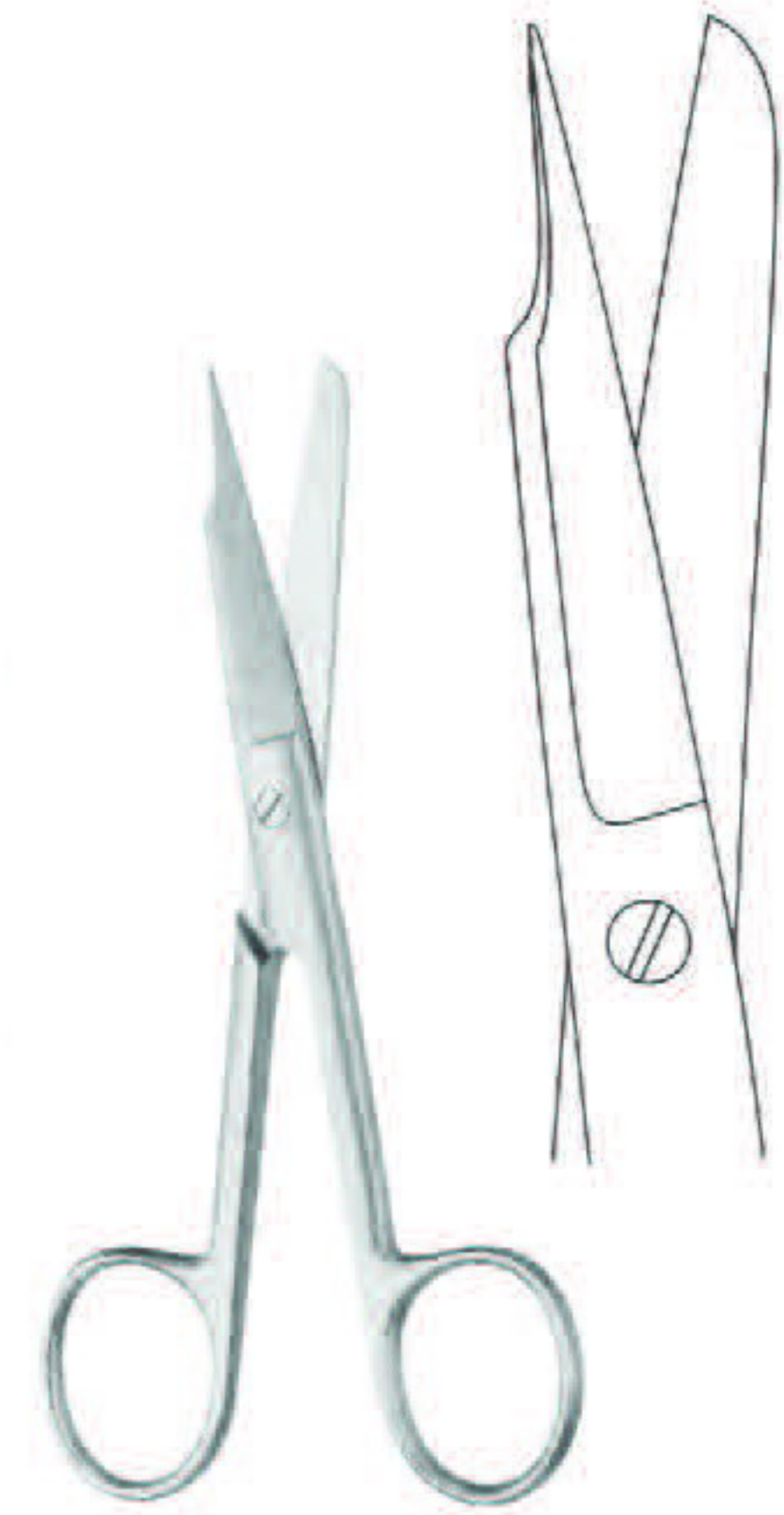
EISELSBERG

04-0812-12
 12 cm/4 ¾"



NORTHBENT

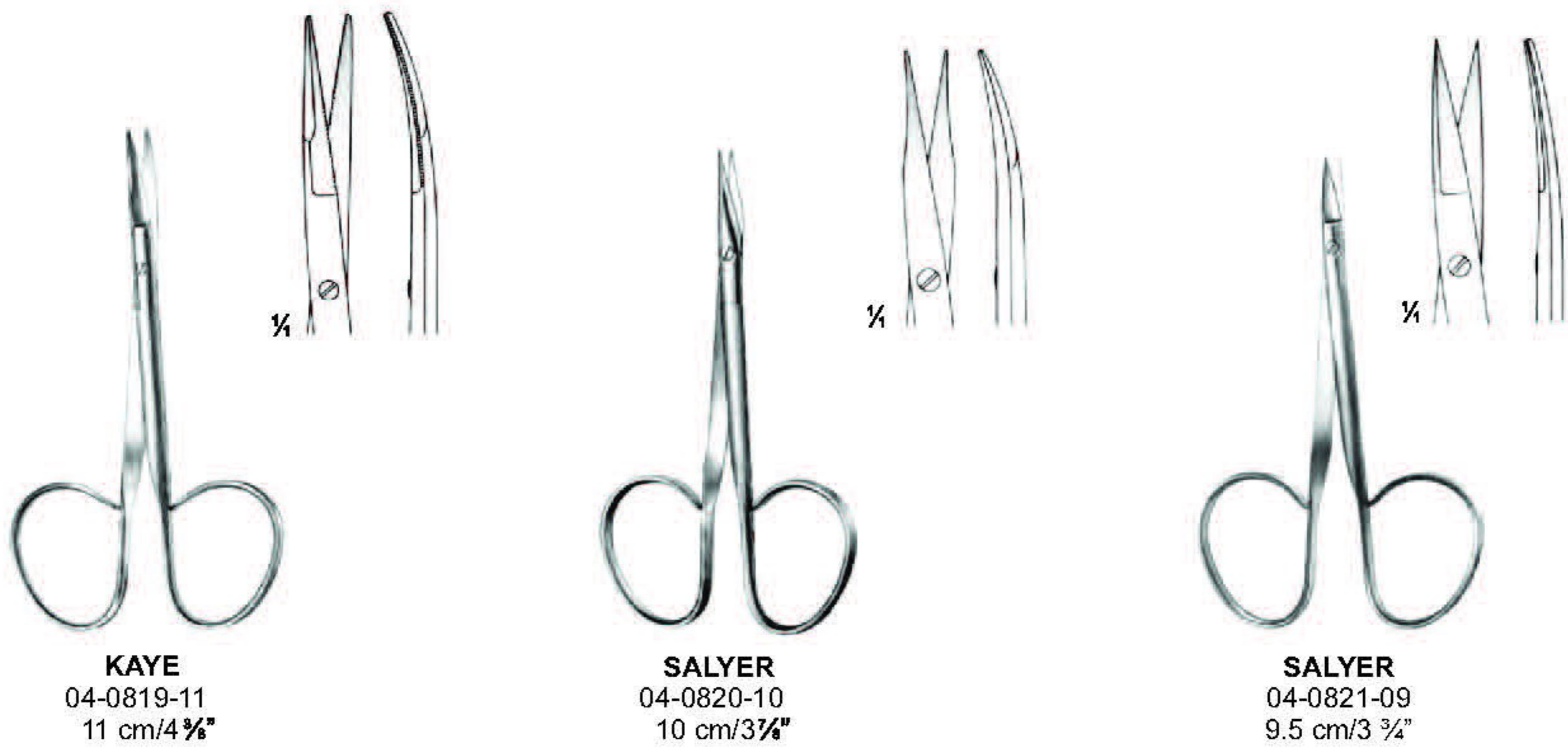
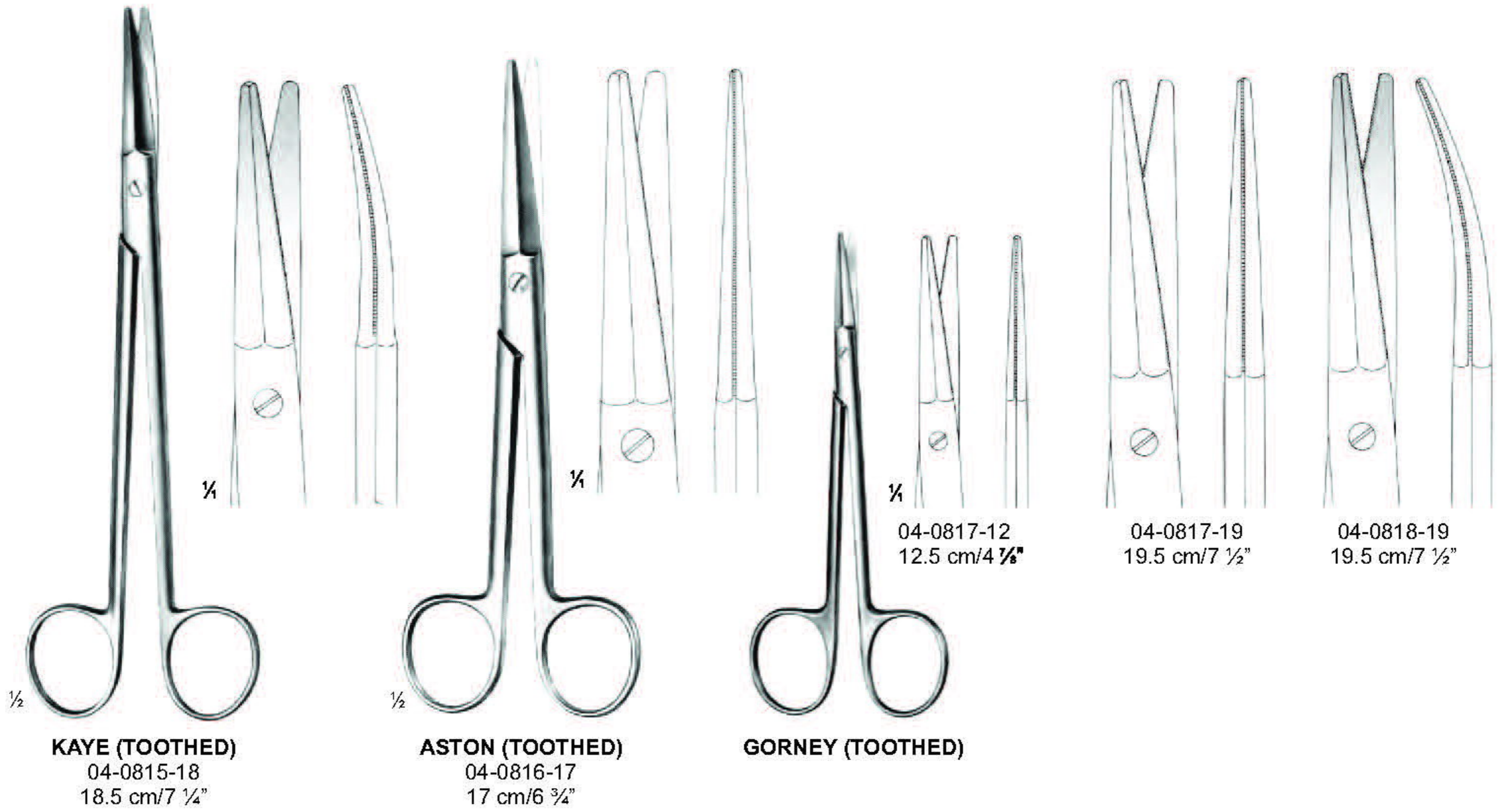
04-0813-09 9 cm/3 ½"
 04-0813-12 12.5 cm/4 ¾"

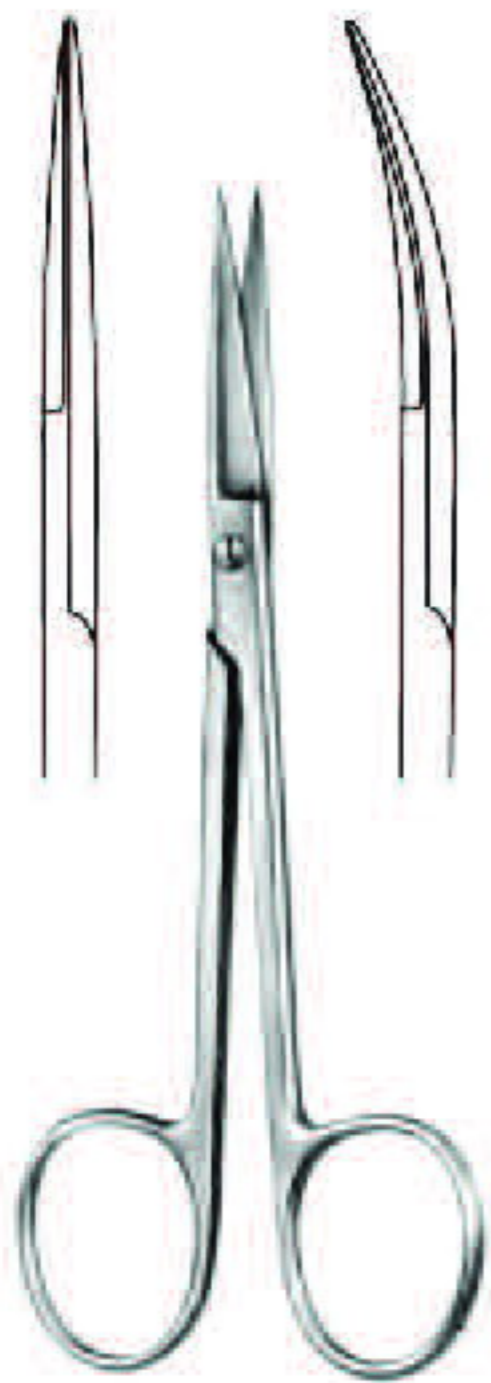


NAIL SPLINTING SCISSORS

04-0814-13 13 cm/5 ¼"
 04-0814-15 15 cm/5 ¾"

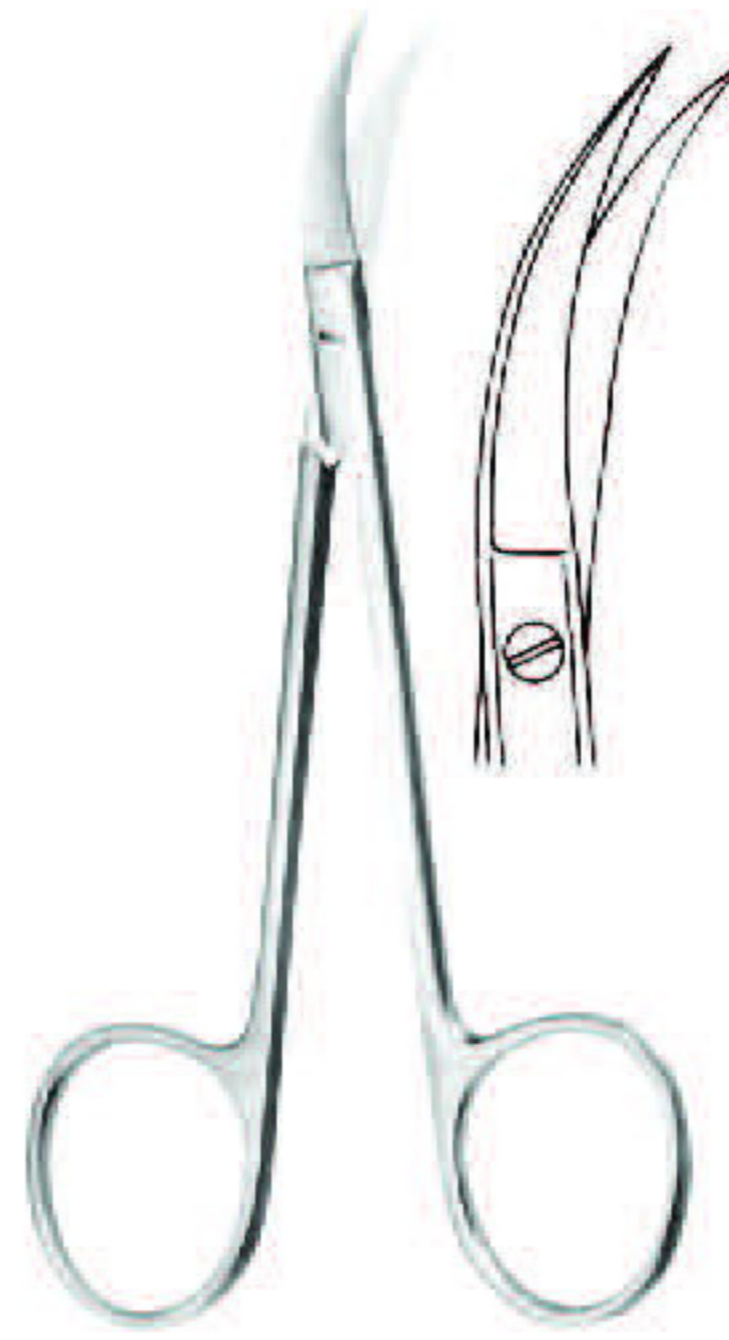
SCISSORS





IRIS

	Straight	Curved
9 cm/3 1/2"	04-0822-09	04-0823-09
10.5 cm/4 1/8"	04-0822-10	04-0823-10
11.5 cm/4 1/2"	04-0822-11	04-0823-11



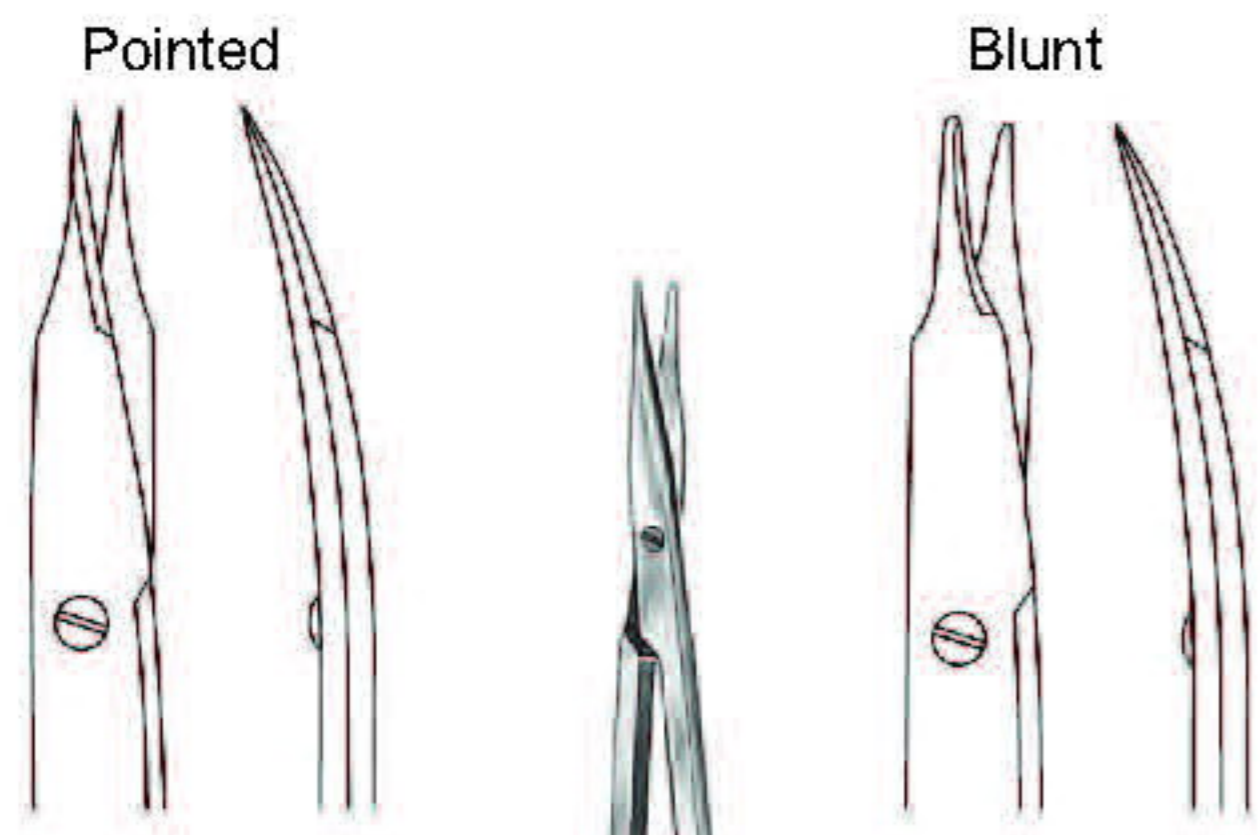
IRIS-FINE

04-0824-11
11.5 cm/4 1/2"

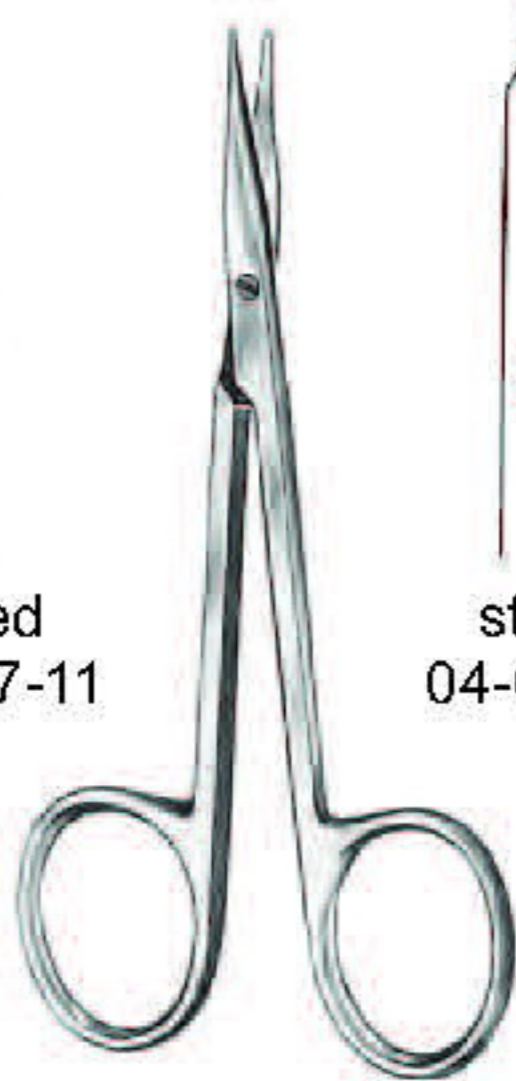


IRIS-FINE

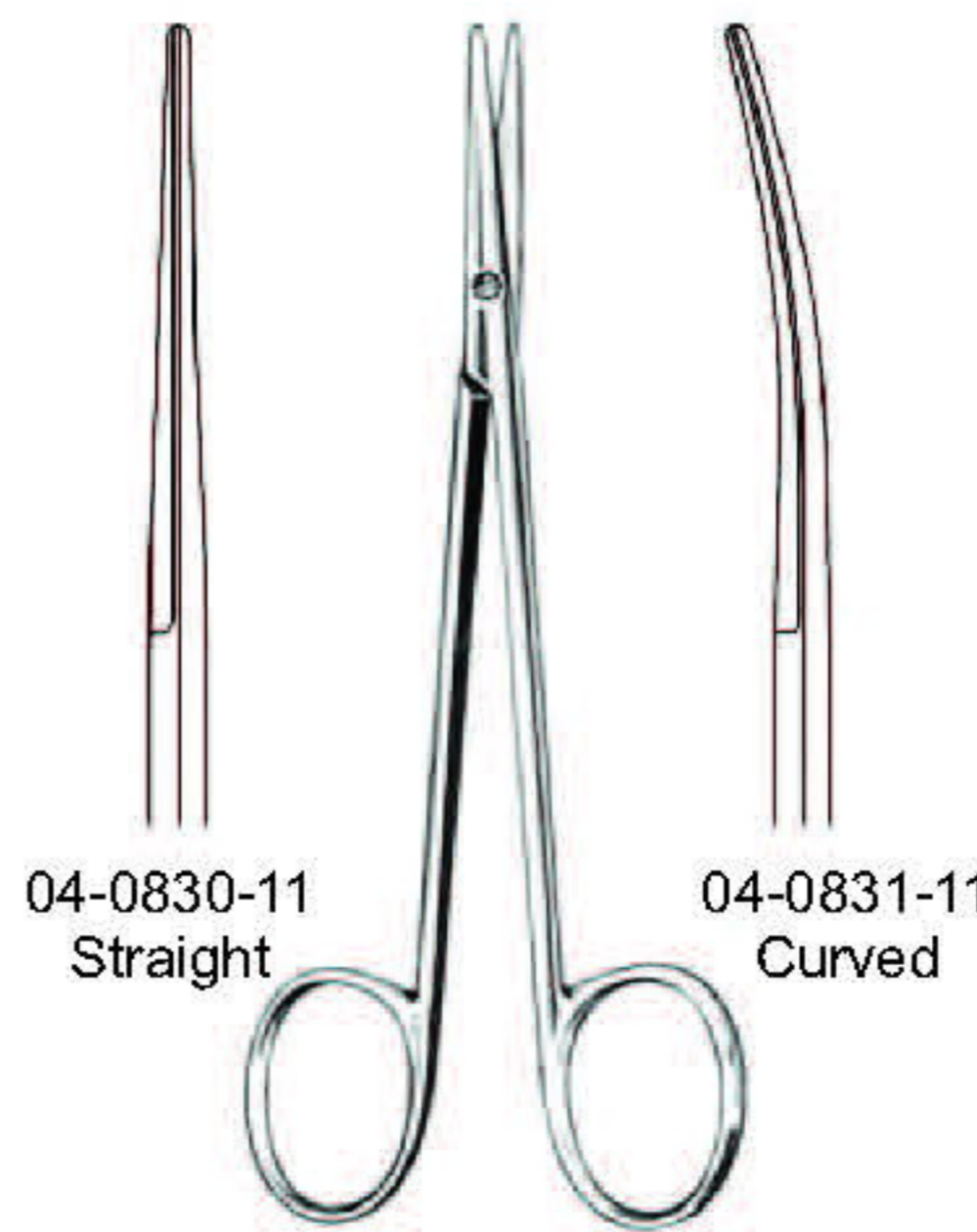
04-0825-11
11.5 cm/4 1/2"
angled



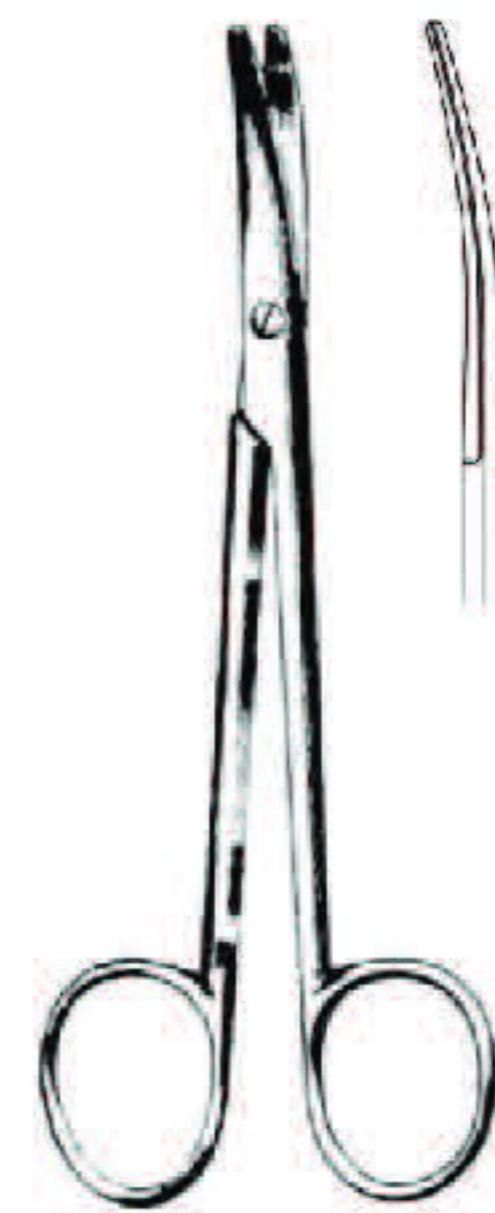
straight 04-0826-11	curved 04-0827-11	straight 04-0828-11	curved 04-0829-11
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STEVENS-TENOTOMY
11.5 cm/4 1/2"

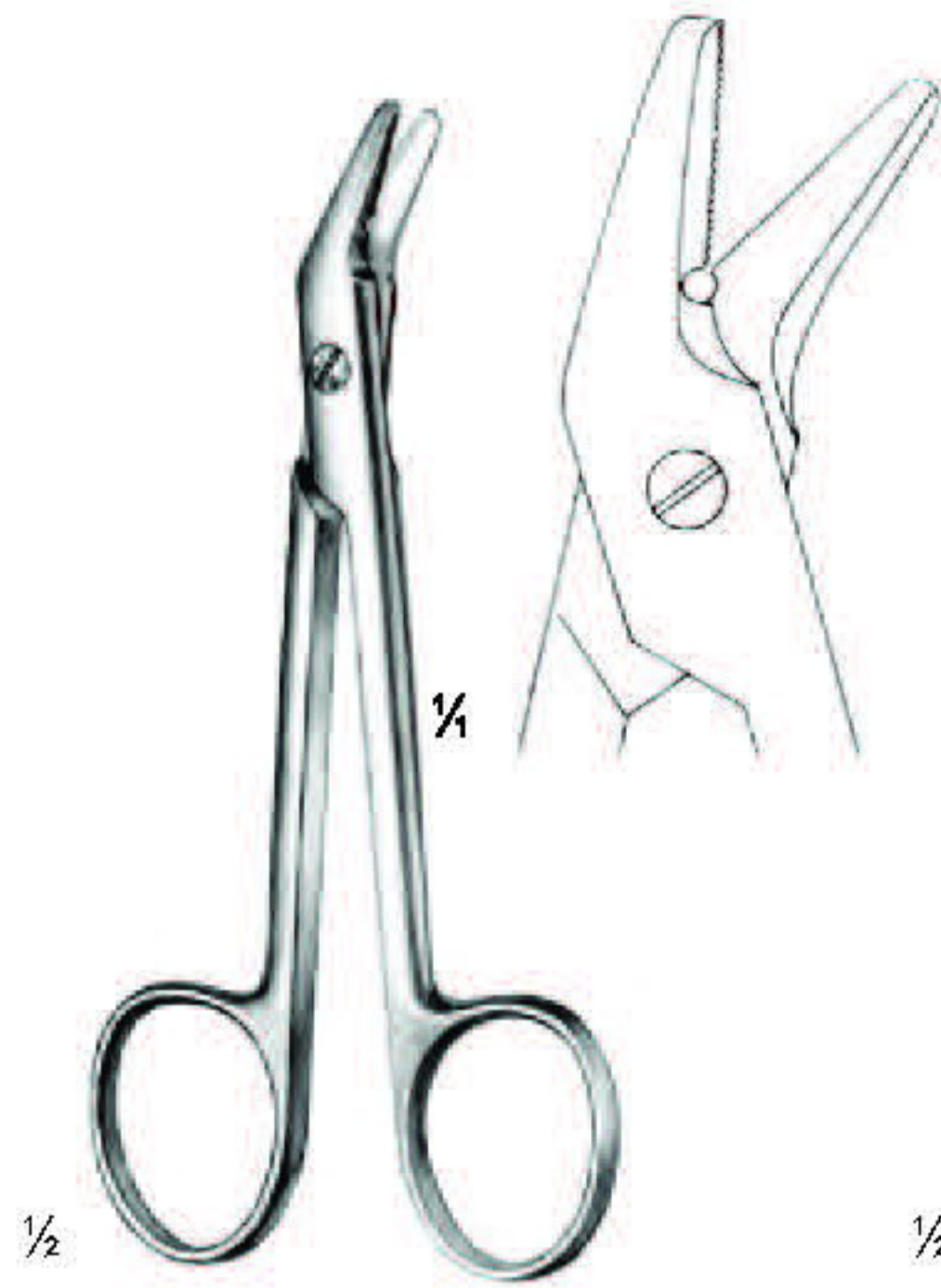
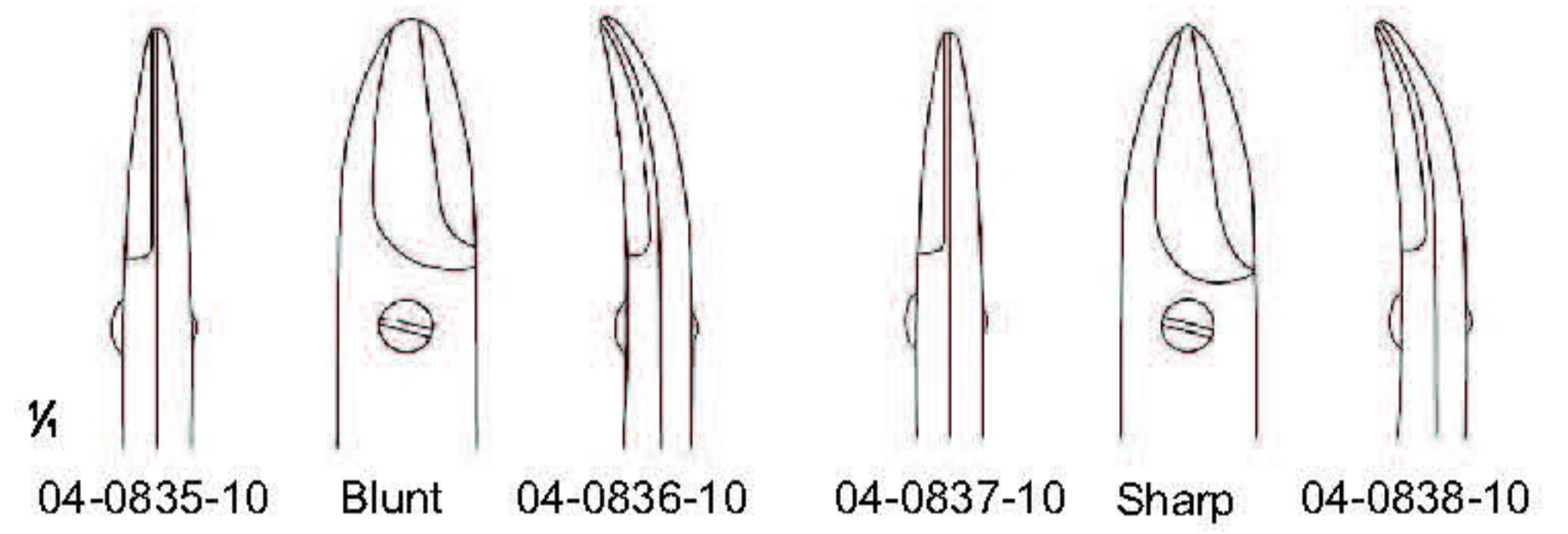


STRABISMUS
11.5 cm/4 1/2"

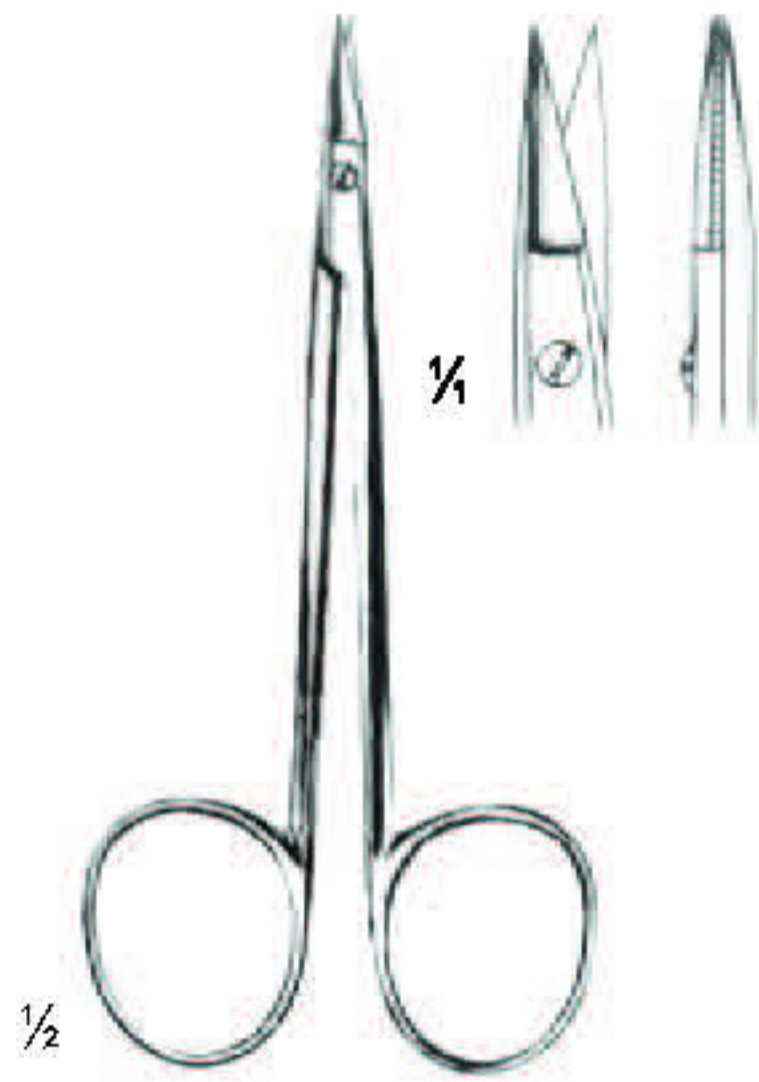


ENUCLEATION
04-0832-11
11 cm/4 3/8"

SCISSORS



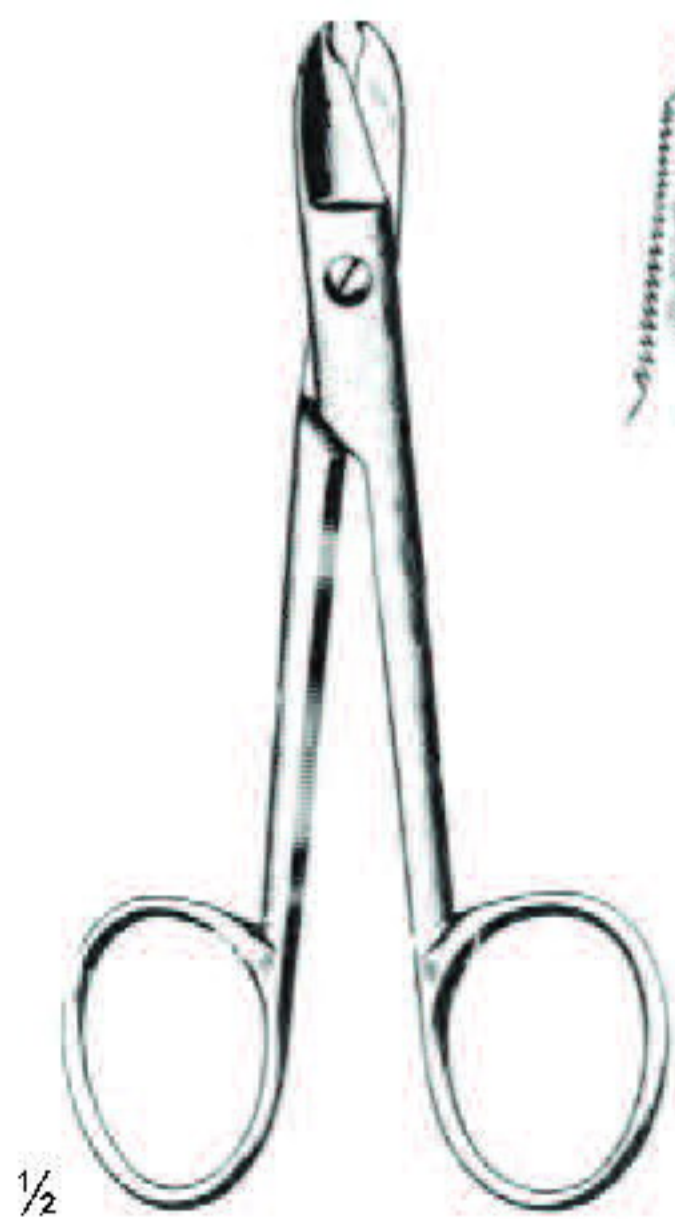
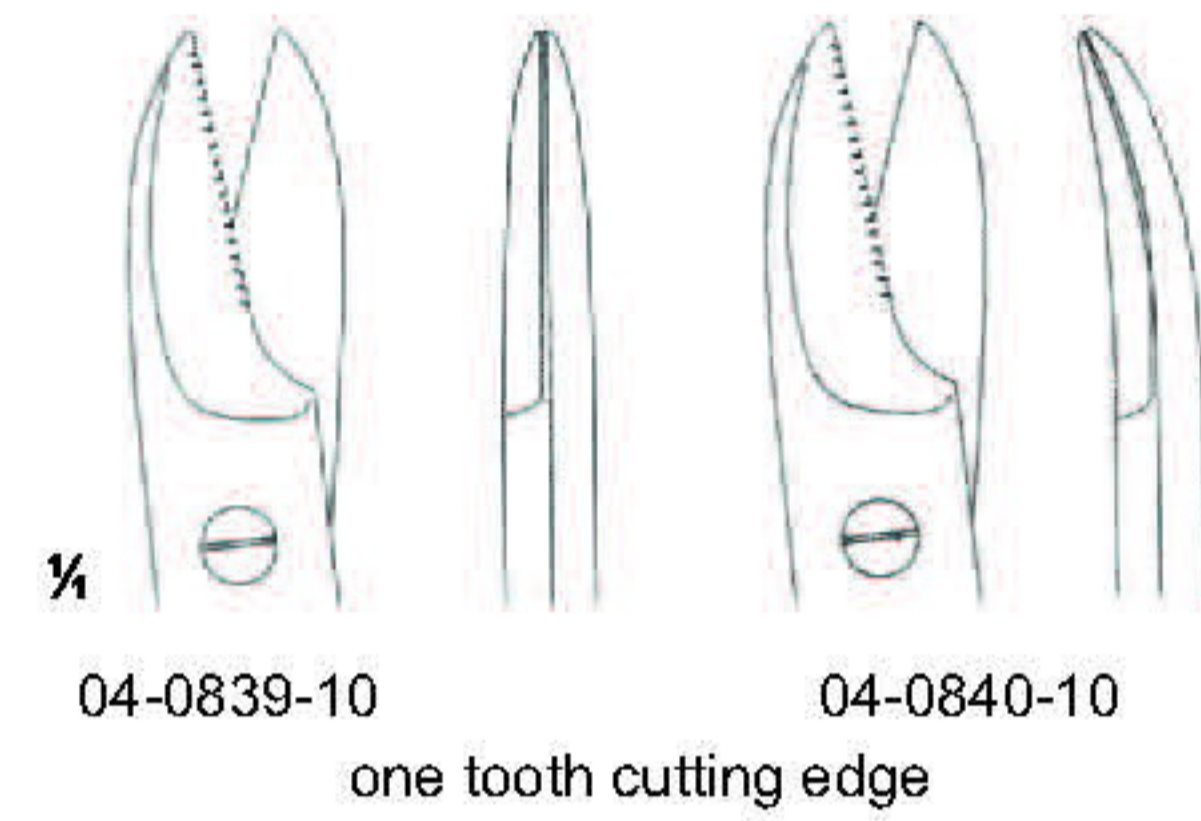
UNIVERSAL
 04-0833-12
 12 cm/4 3/4"
 one saw edge



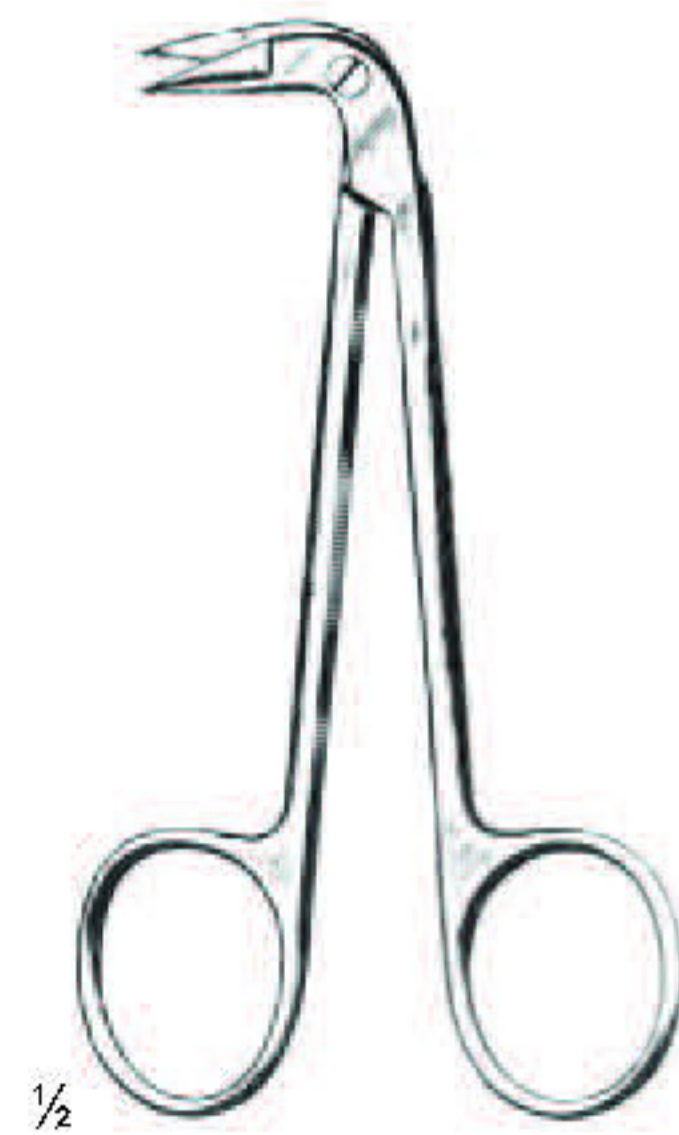
04-0834-10
 10 cm/3 7/8"
 saw edge



BEEBEE
 10.5 cm/4 1/8"



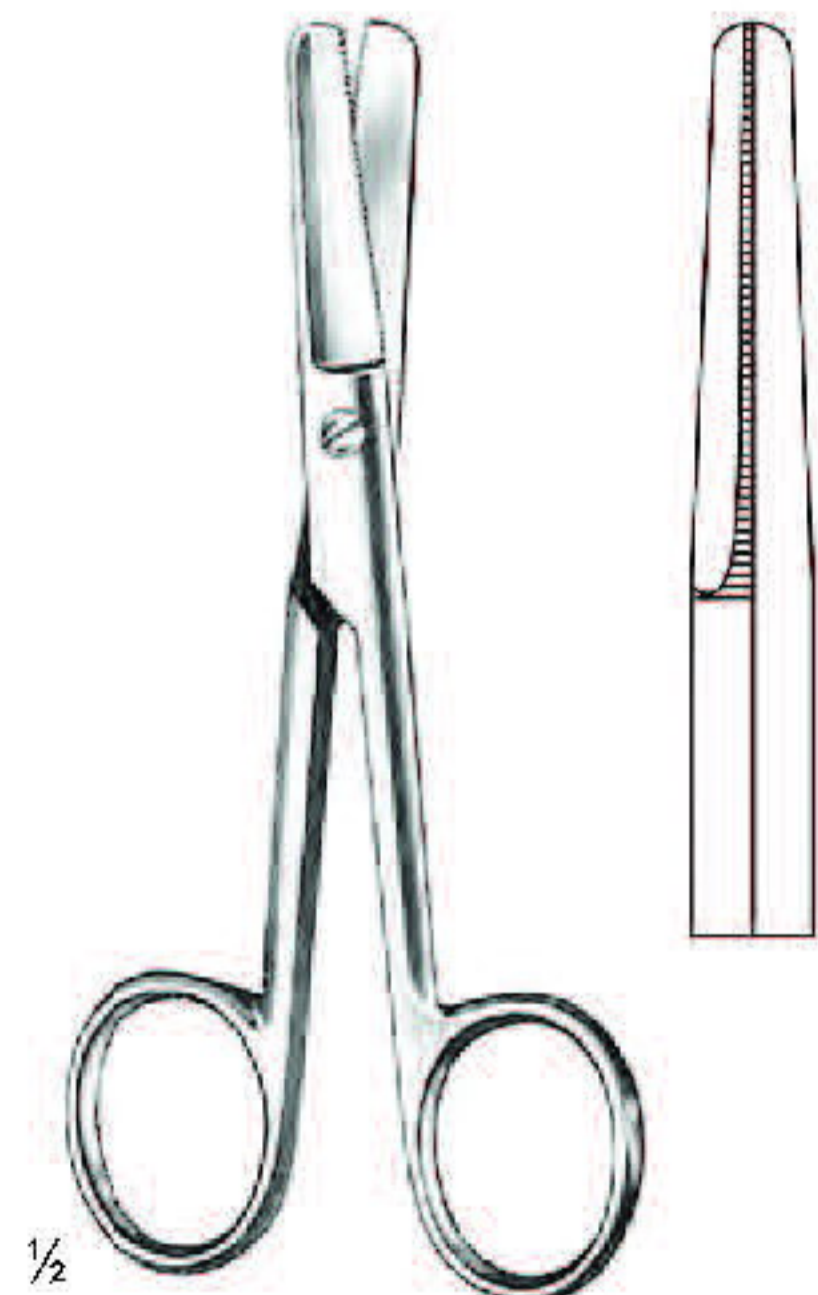
04-0841-12
 12 cm/4 3/4"
 saw edge



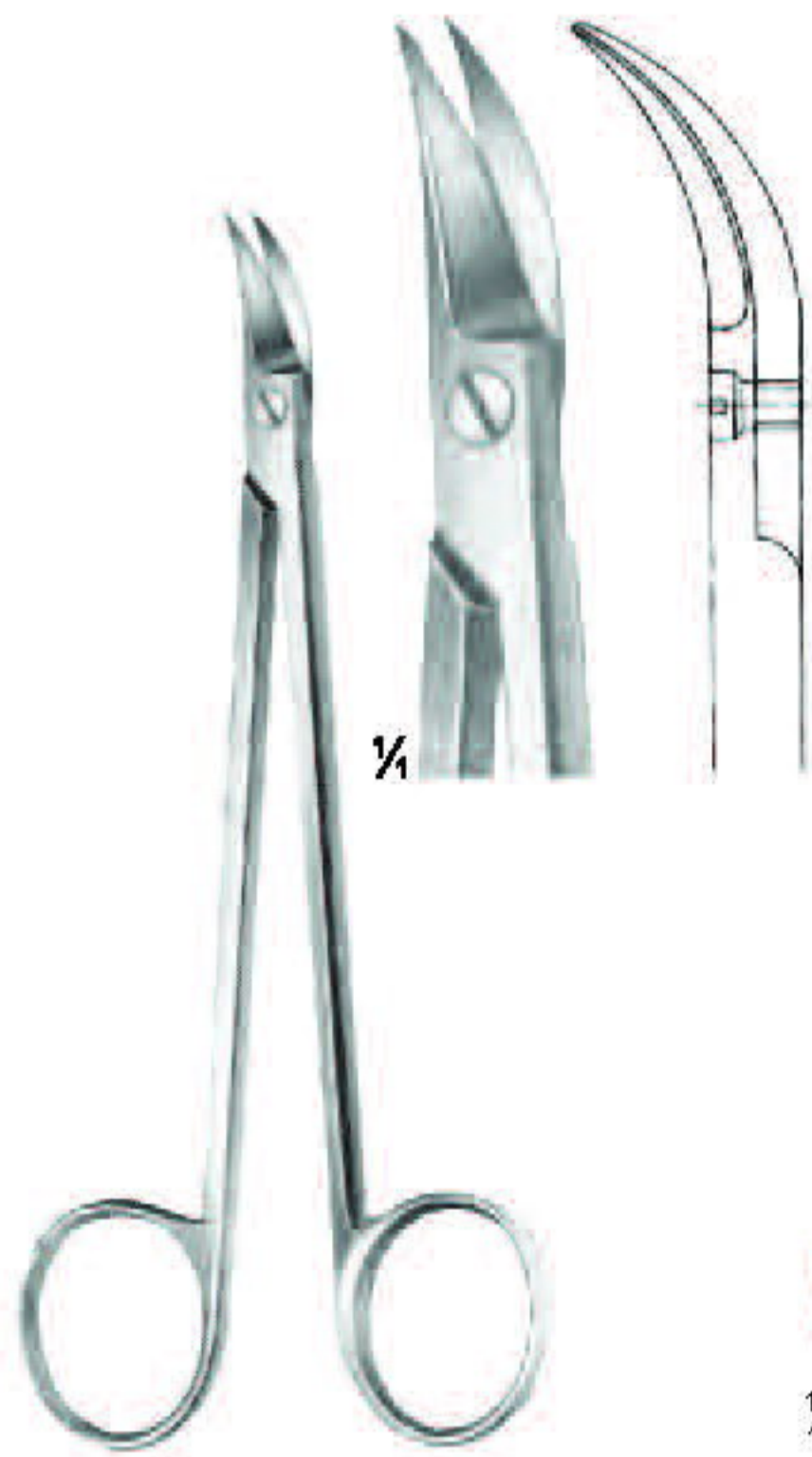
04-0842-10
 10.5 cm/4 1/8"
 saw edge



04-0843-15
 15.5 cm/6 1/8"
 saw edge



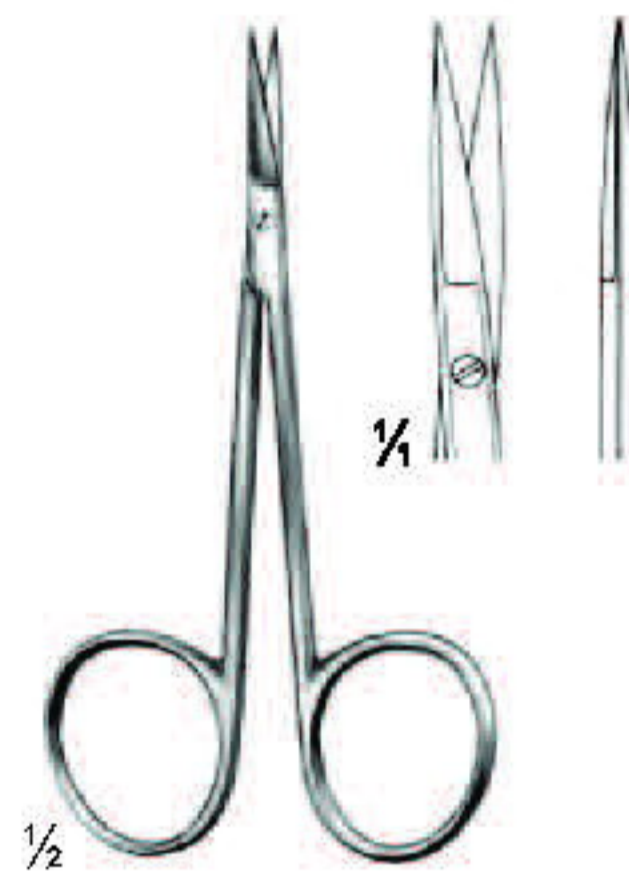
HARVEY
 04-0844-12
 12.5 cm/4 7/8"



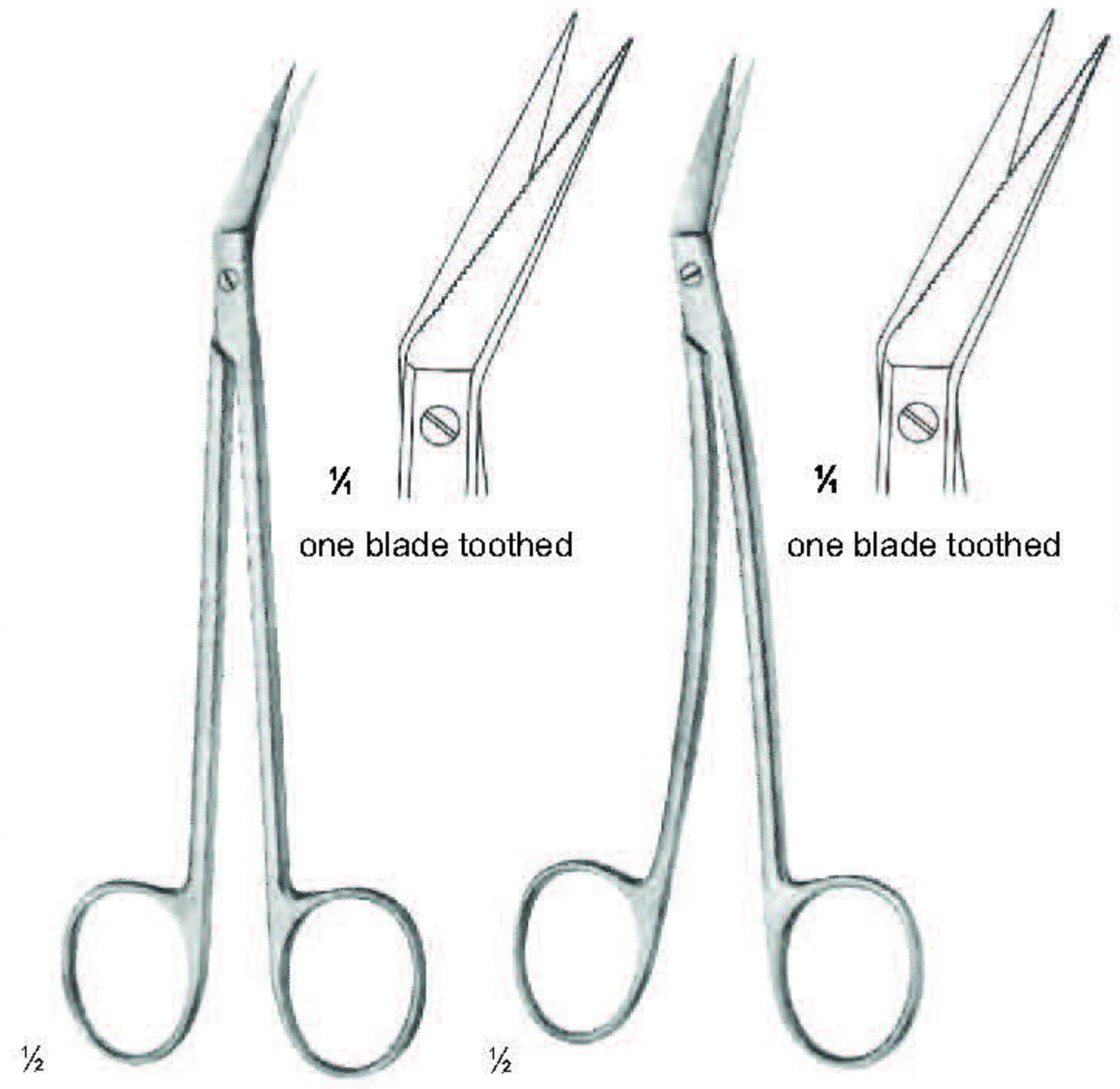
QUINBY
 04-0853-12
 12.5 cm/4 7/8"



NEUMANN
 04-0854-12
 12 cm/4 3/4"

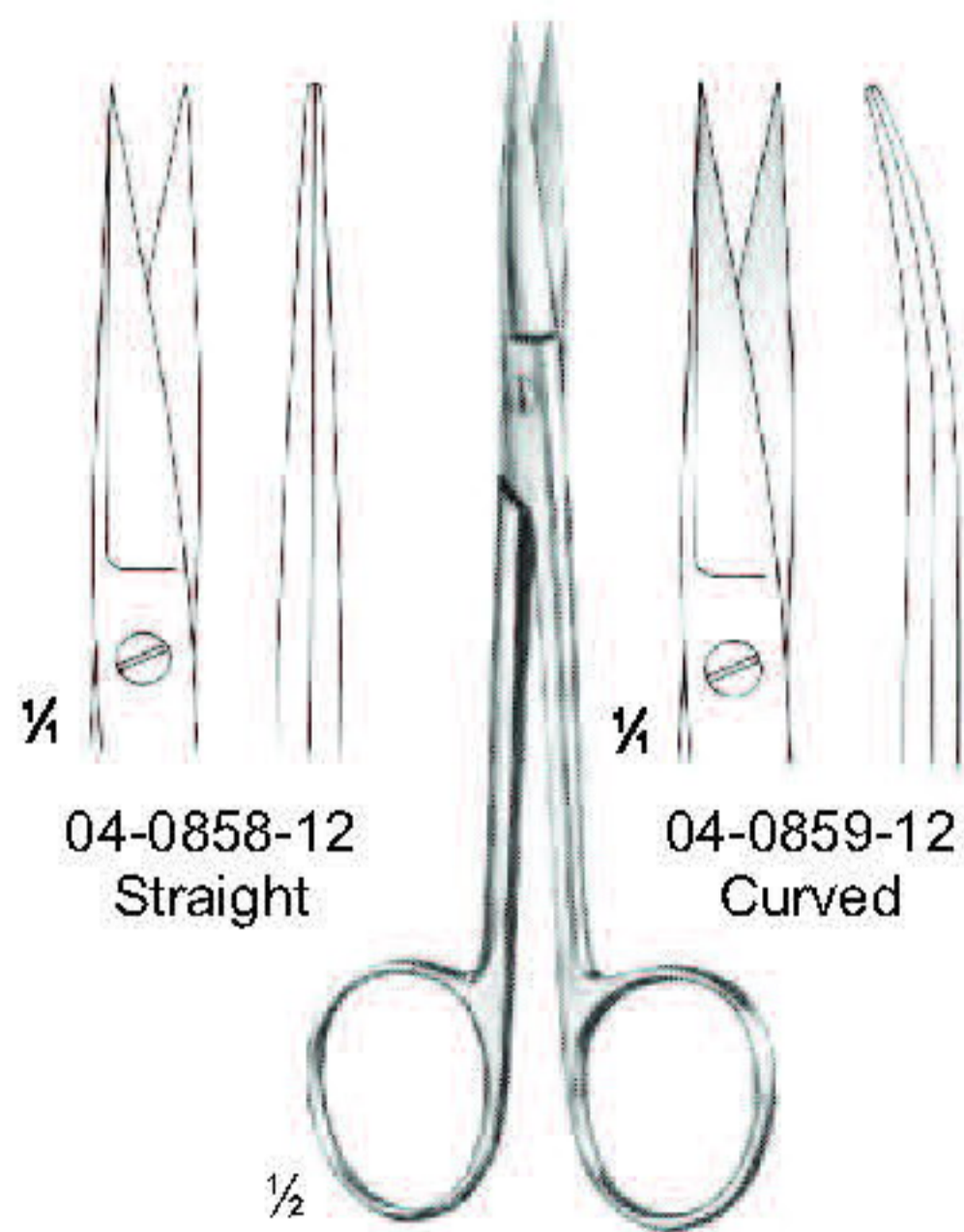


04-0855-08
 8 cm/3 1/4"
 delicate



LOCKLIN
 04-0856-16
 16 cm/6 1/4"

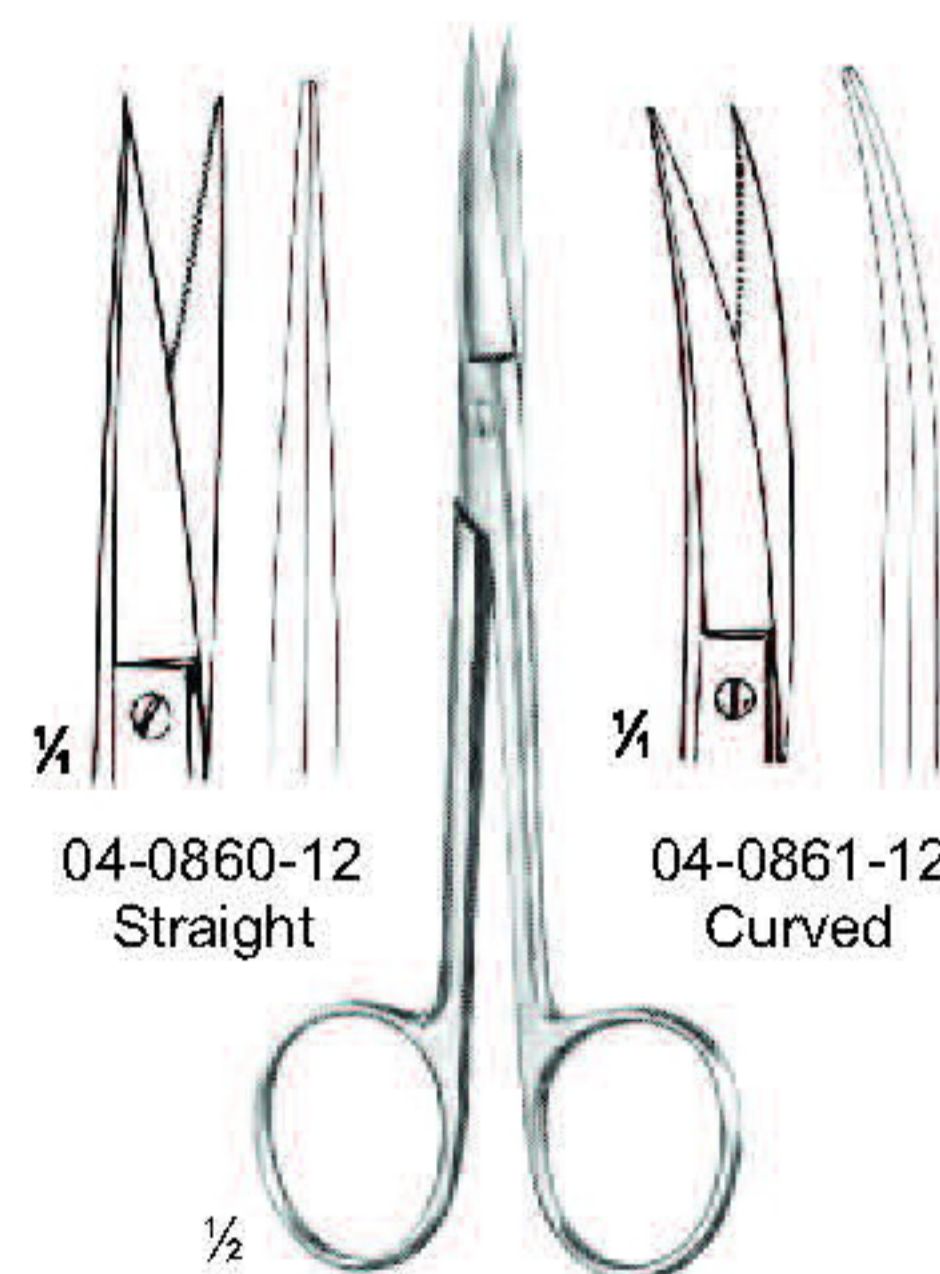
LOCKLIN
 04-0857-16
 16 cm/6 1/4"



04-0858-12
 Straight

04-0859-12
 Curved

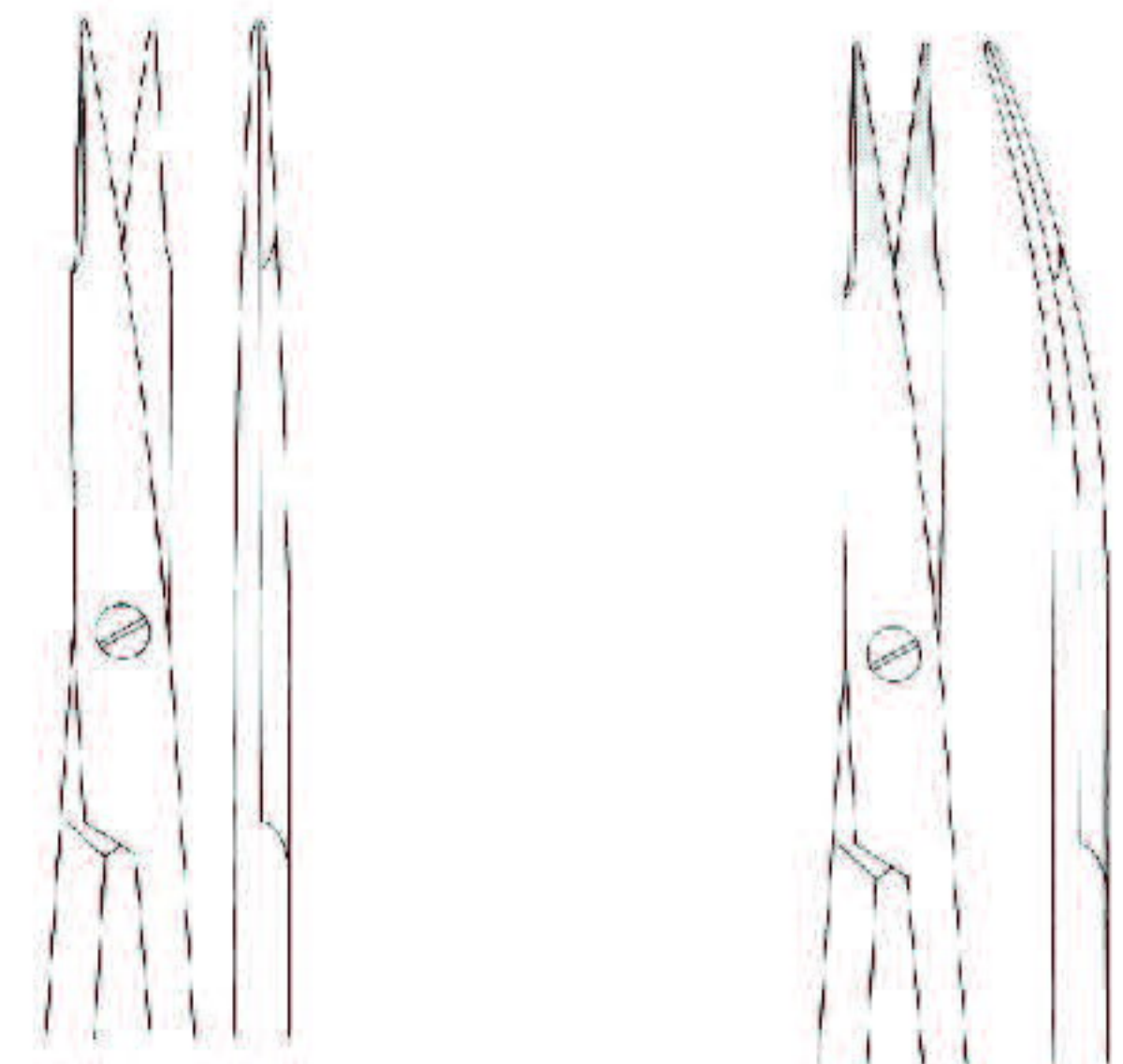
WAGNER
 12 cm/4 3/4"



04-0860-12
 Straight

04-0861-12
 Curved

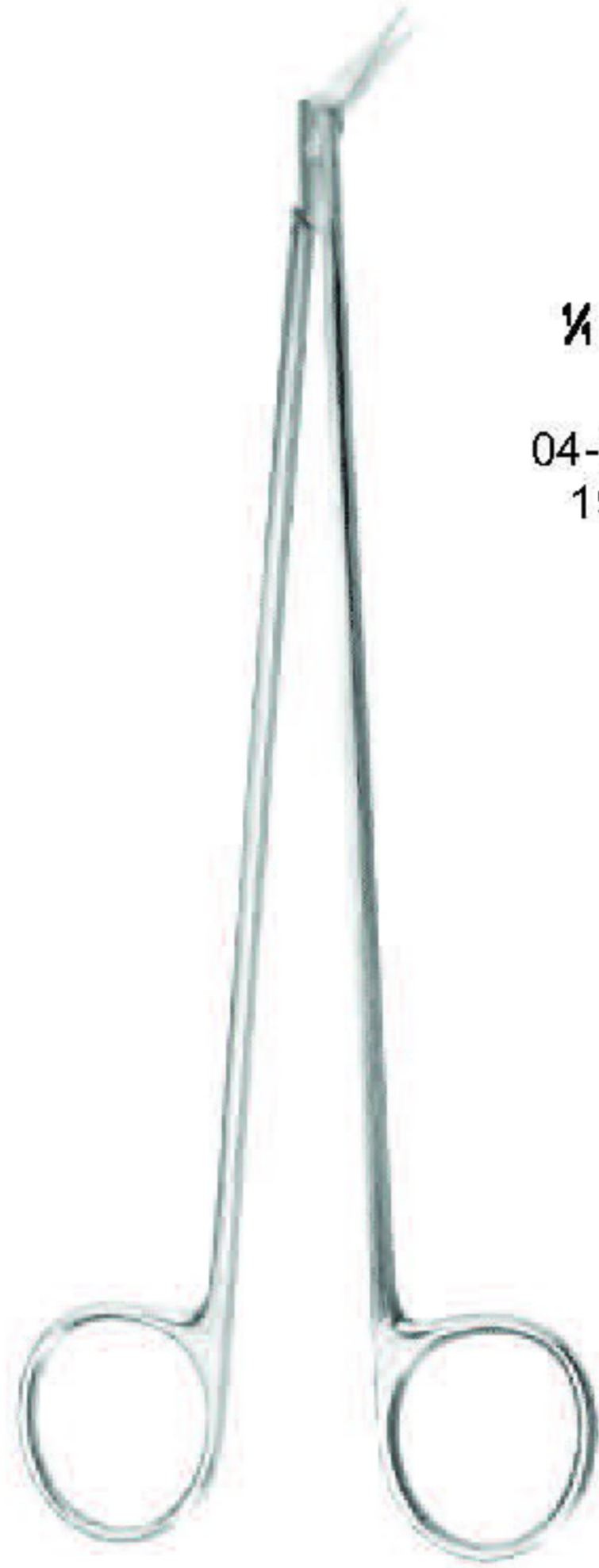
WAGNER
 12 cm/4 3/4"
 Saw edge



REYNOLDS

Straight		Curved	
04-0862-14	14.5 cm/5 3/4"	04-0863-14	
04-0862-15	15.5 cm/6 1/8"	04-0863-15	
04-0862-17	17.5 cm/6 7/8"	04-0863-17	
04-0862-18	18.0 cm/7 1/8"	04-0863-18	

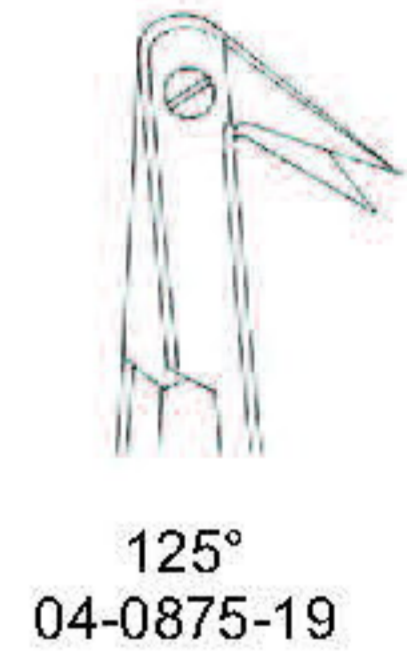
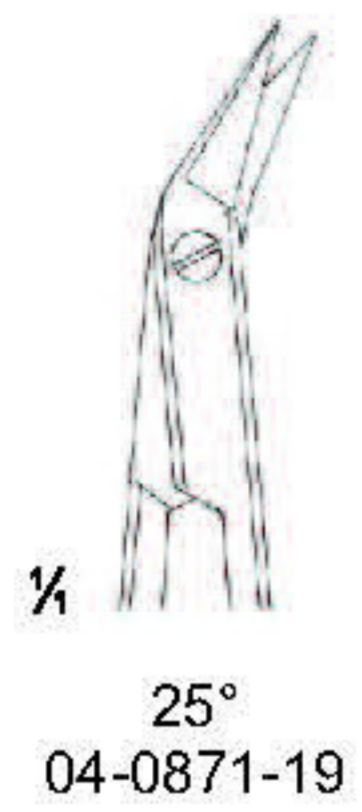
SCISSORS

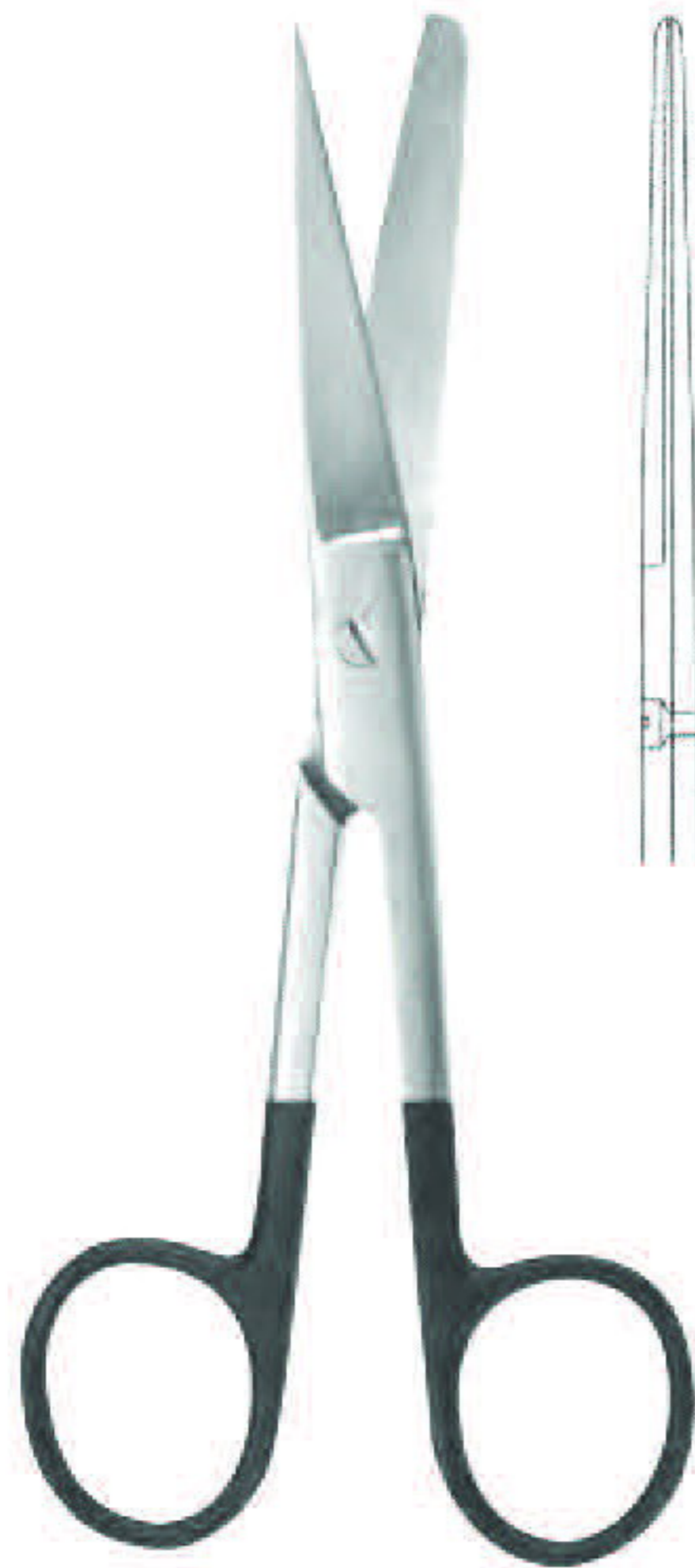


DIETRICH



MICRO-HEGEMANN
 19 cm/7 ½"

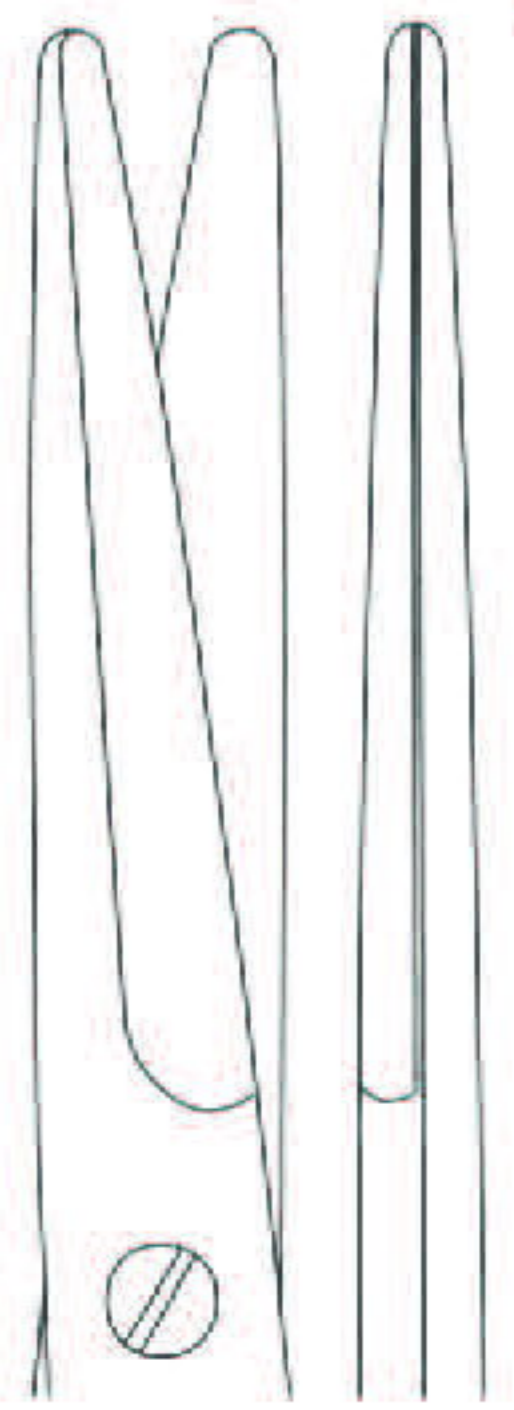
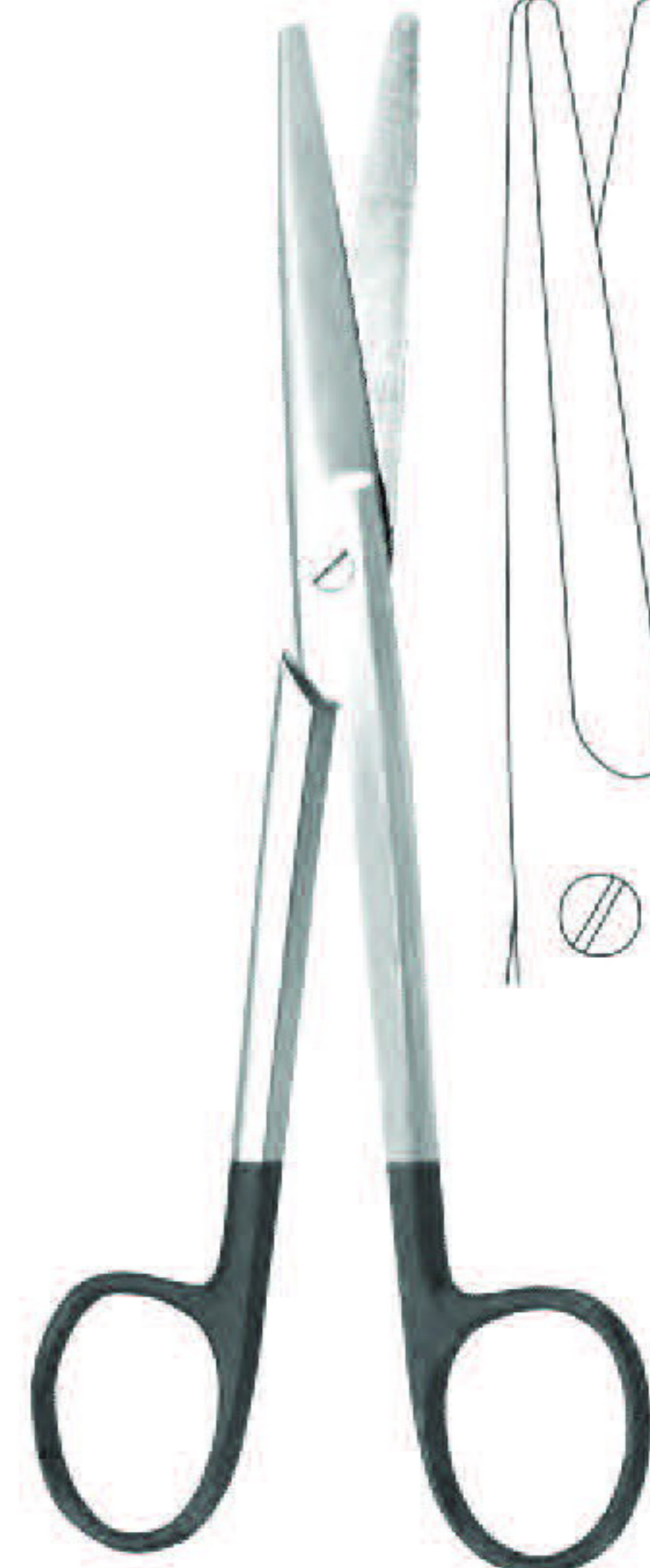




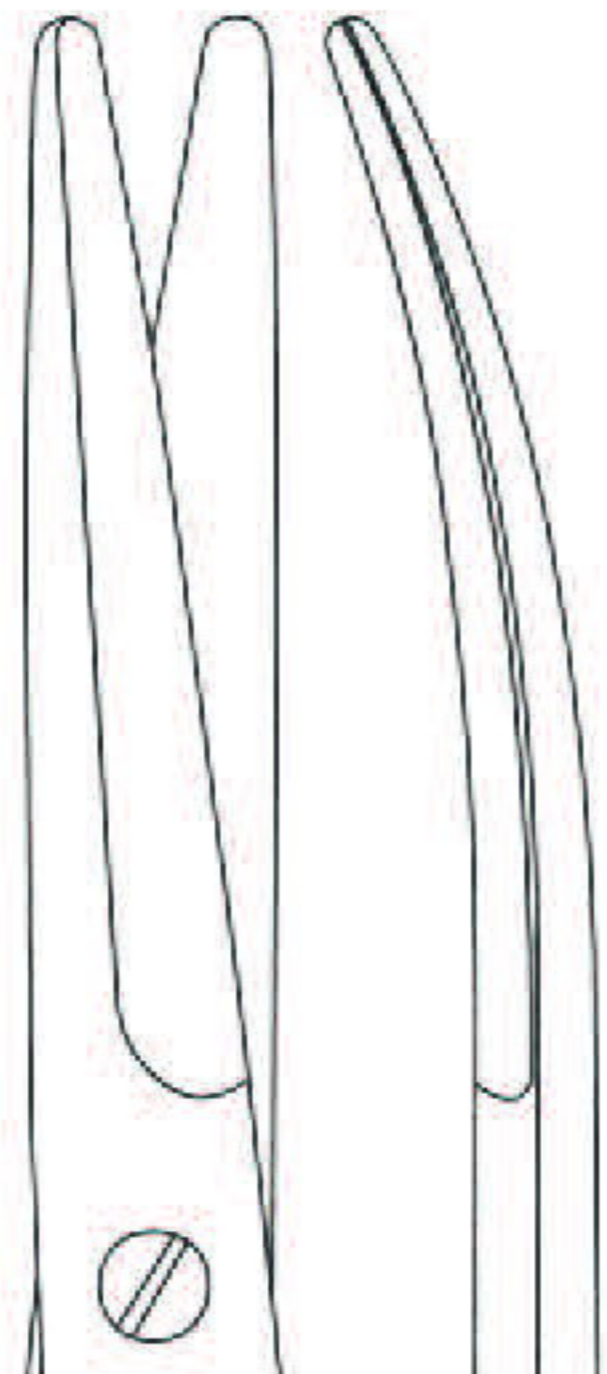
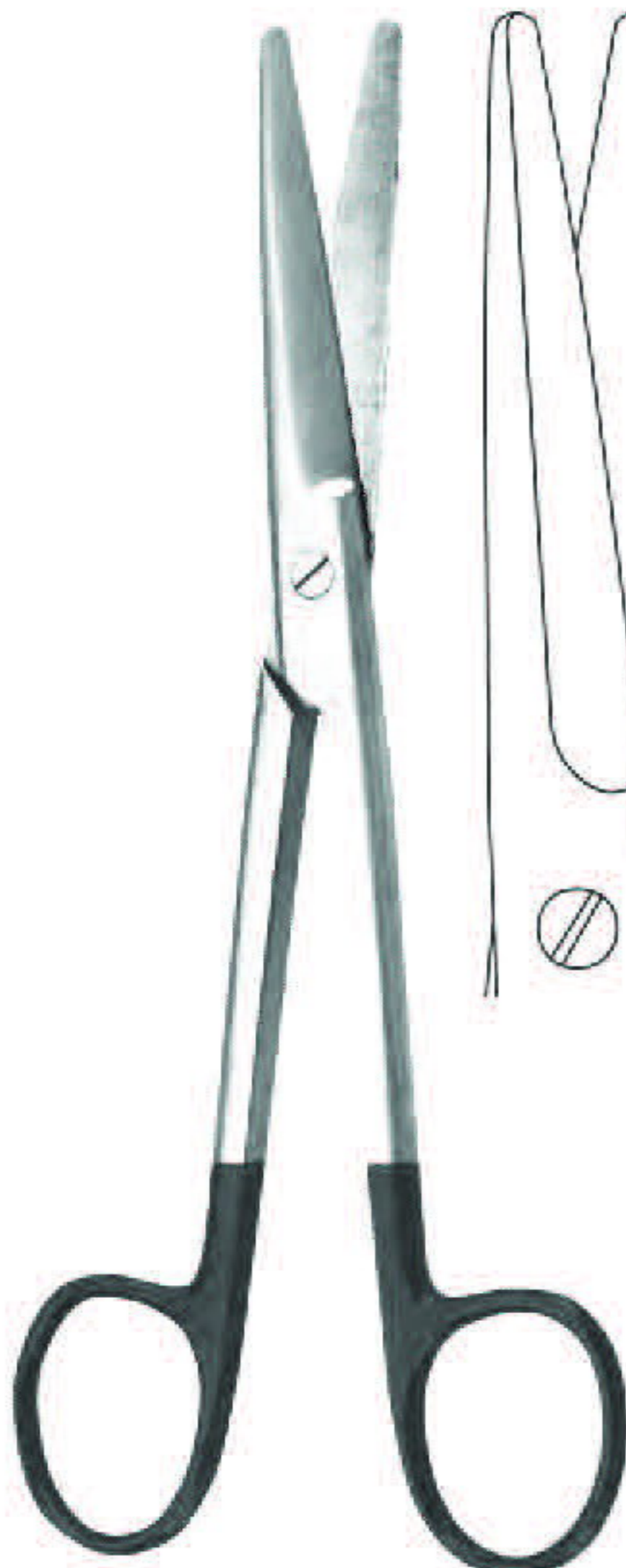
STANDARD
04-0901-14 14.5 cm/5 3/4"



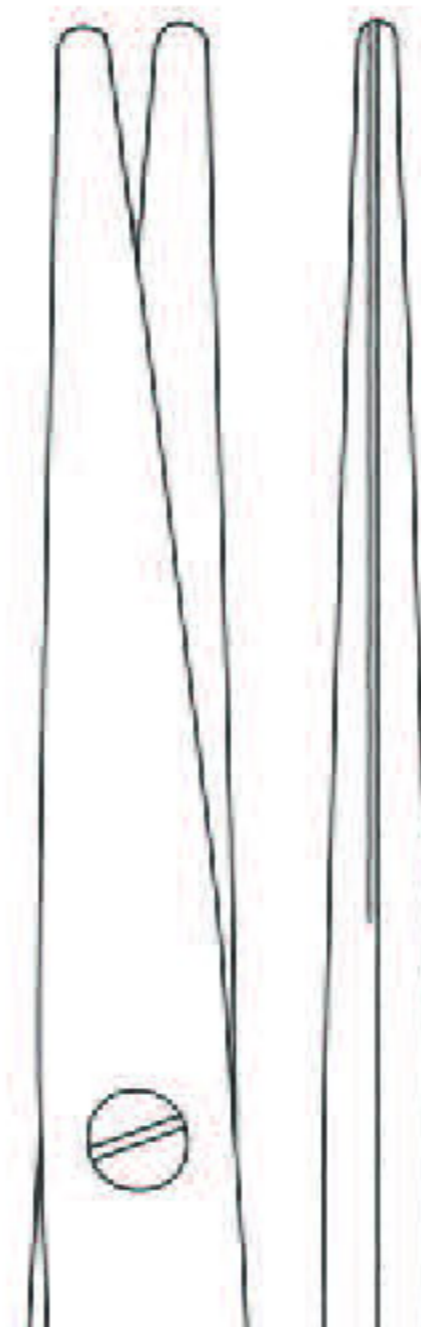
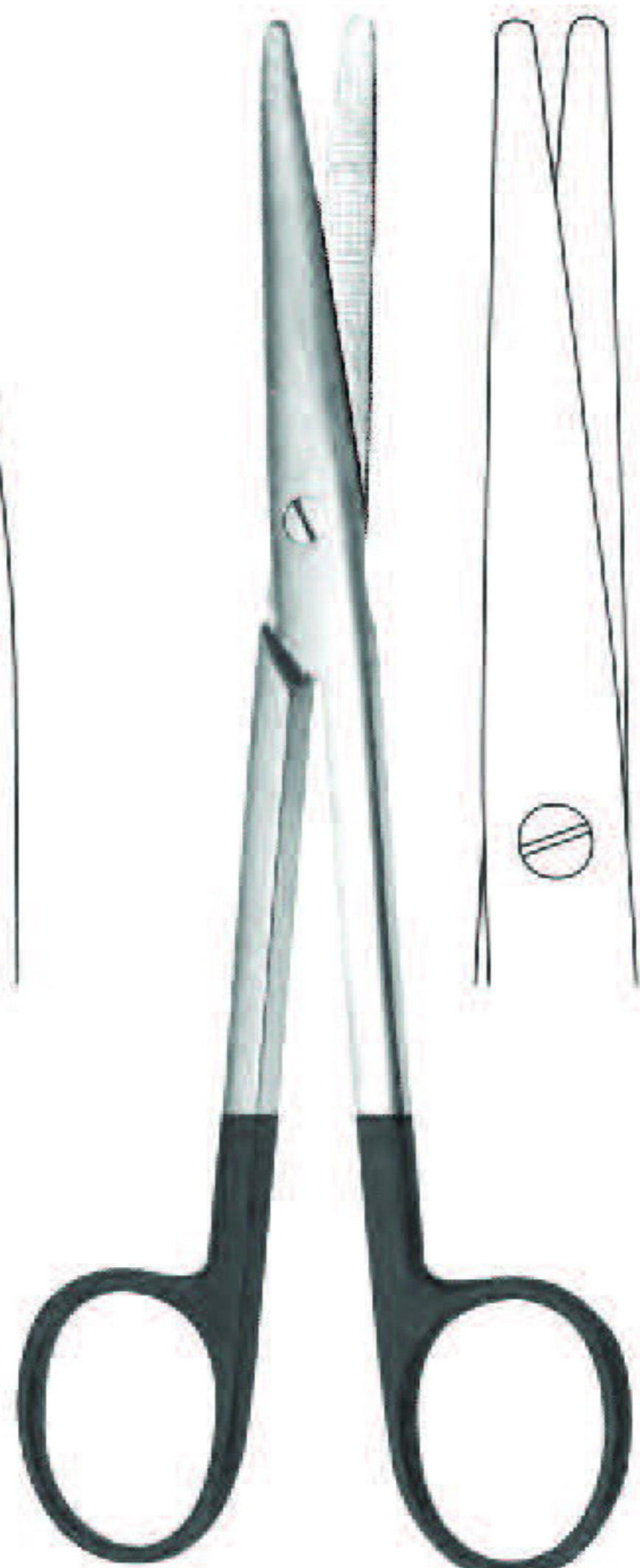
STANDARD
04-0902-14 14.5 cm/5 3/4"



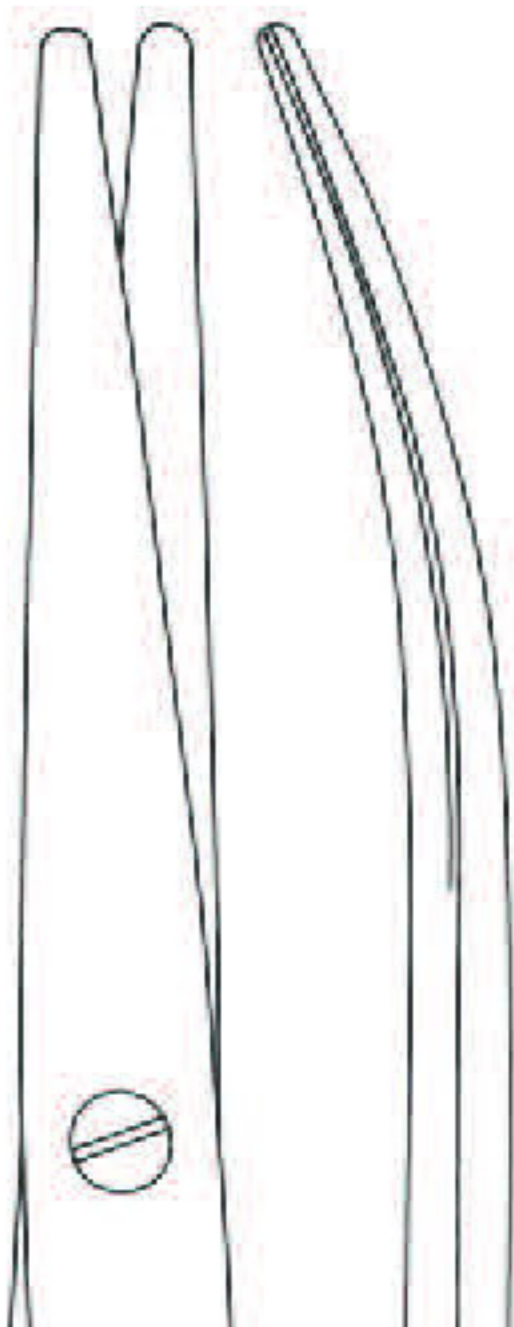
MAYO
04-0903-14 14.5 cm/5 3/4"
04-0903-17 17 cm/6 3/4"
04-0903-23 23 cm/9"



MAYO
04-0904-14 14.5 cm/5 3/4"
04-0904-17 17 cm/6 3/4"
04-0904-23 23 cm/9"



MAYO-STILLE
04-0905-15 15 cm/5 7/8"
04-0905-17 17 cm/6 3/4"



MAYO-STILLE
04-0906-16 15 cm/5 7/8"
04-0906-17 17 cm/6 3/4"

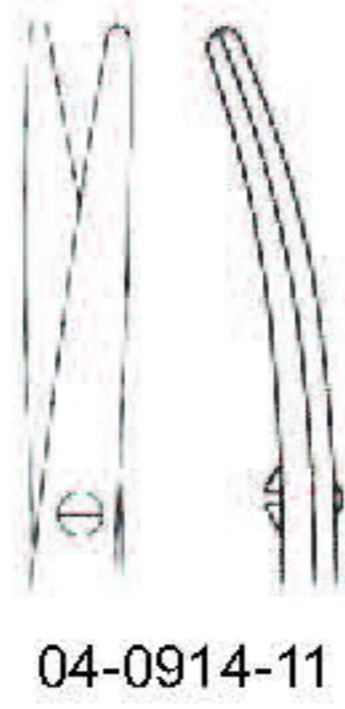
EN	Supercut Scissors
DE	Supercut Scheren
ES	Tijeras Supercut
FR	Ciseaux Supercut
IT	Forbici supercut

SUPERCUT SCISSORS

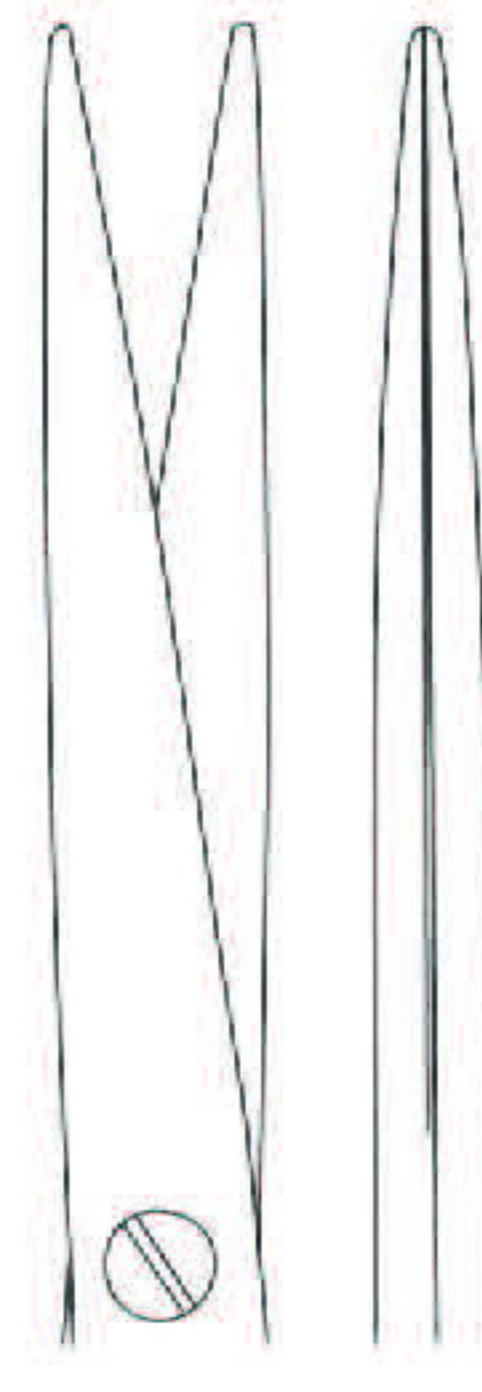
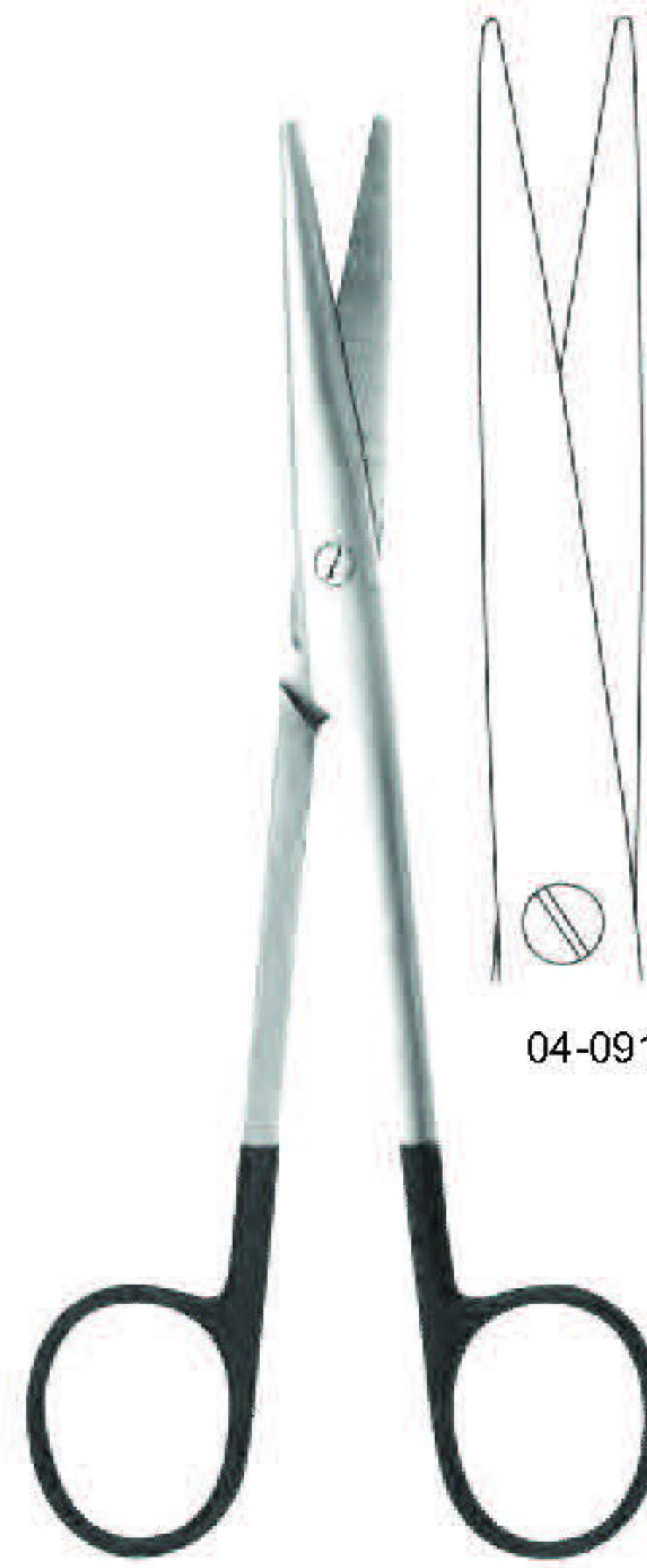


04-0913-11

STRABISMUS
11.5 cm/4 1/2"

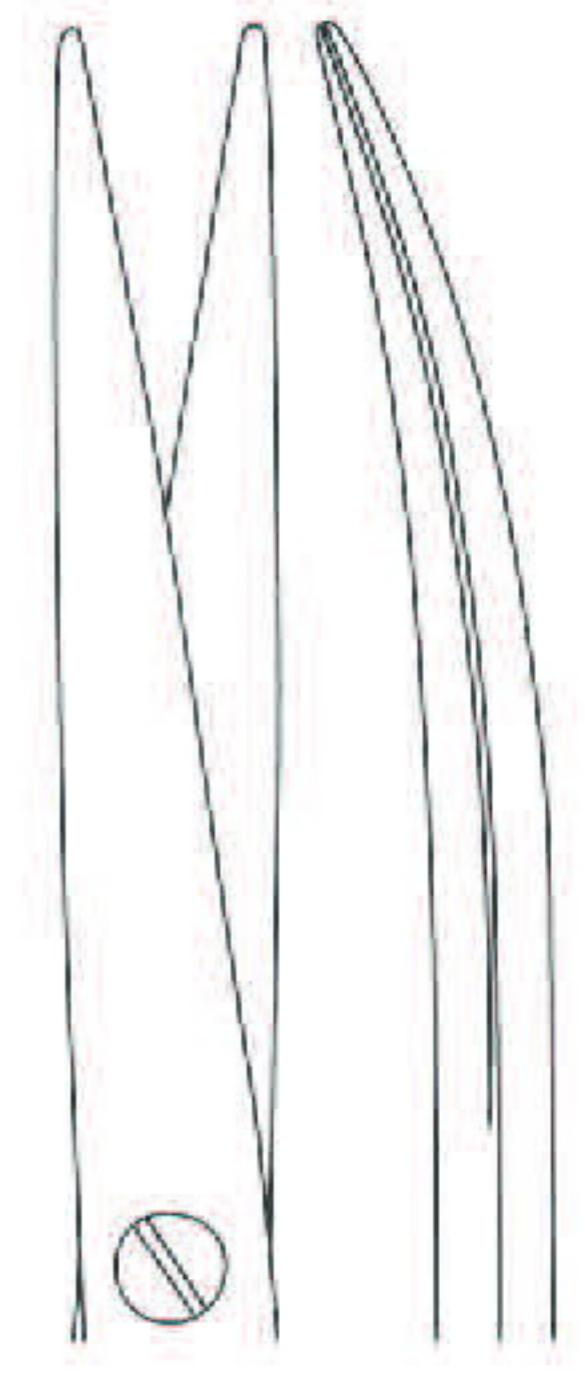


04-0914-11

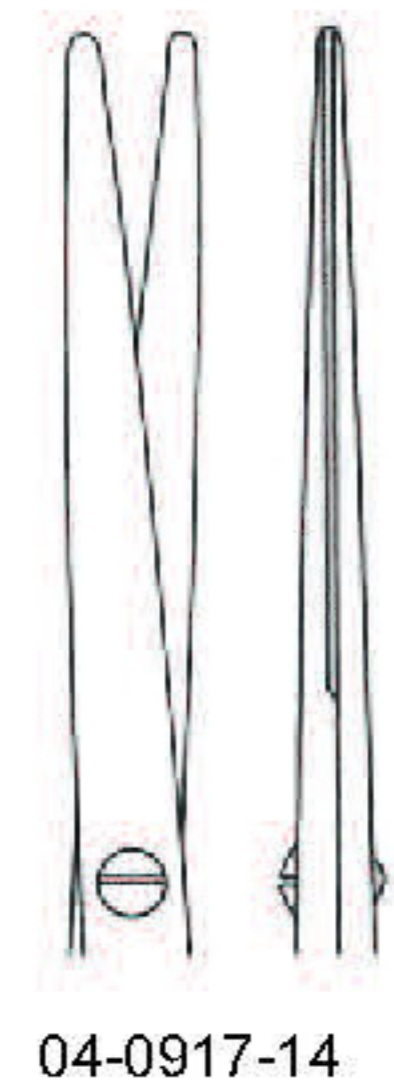


04-0915-16

LEXER
16 cm/6 1/4"



04-0916-16

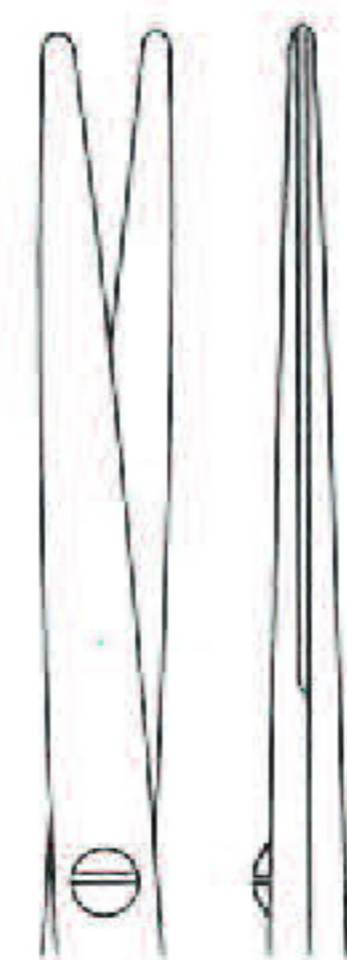
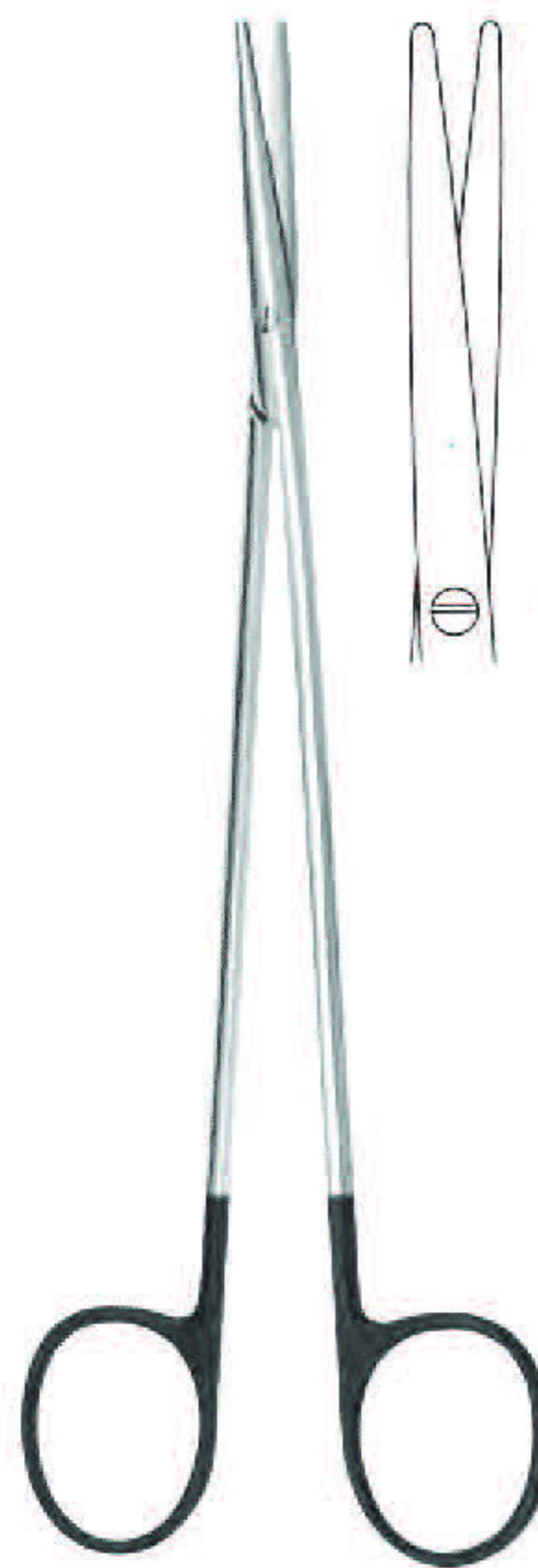


04-0917-14

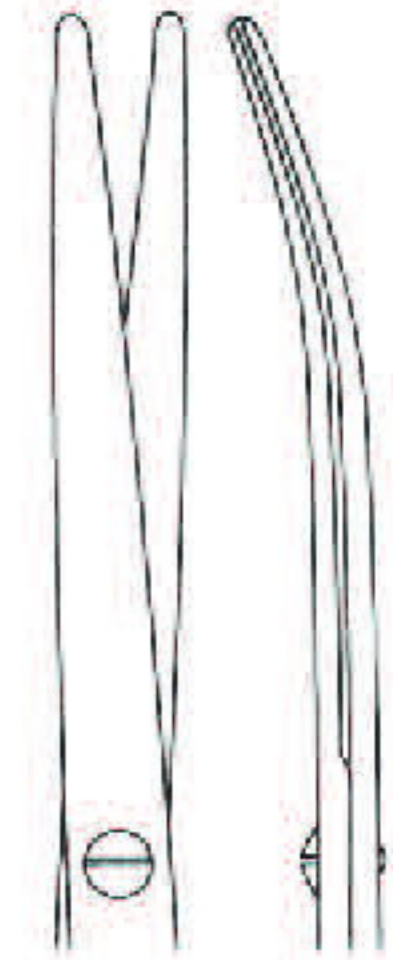
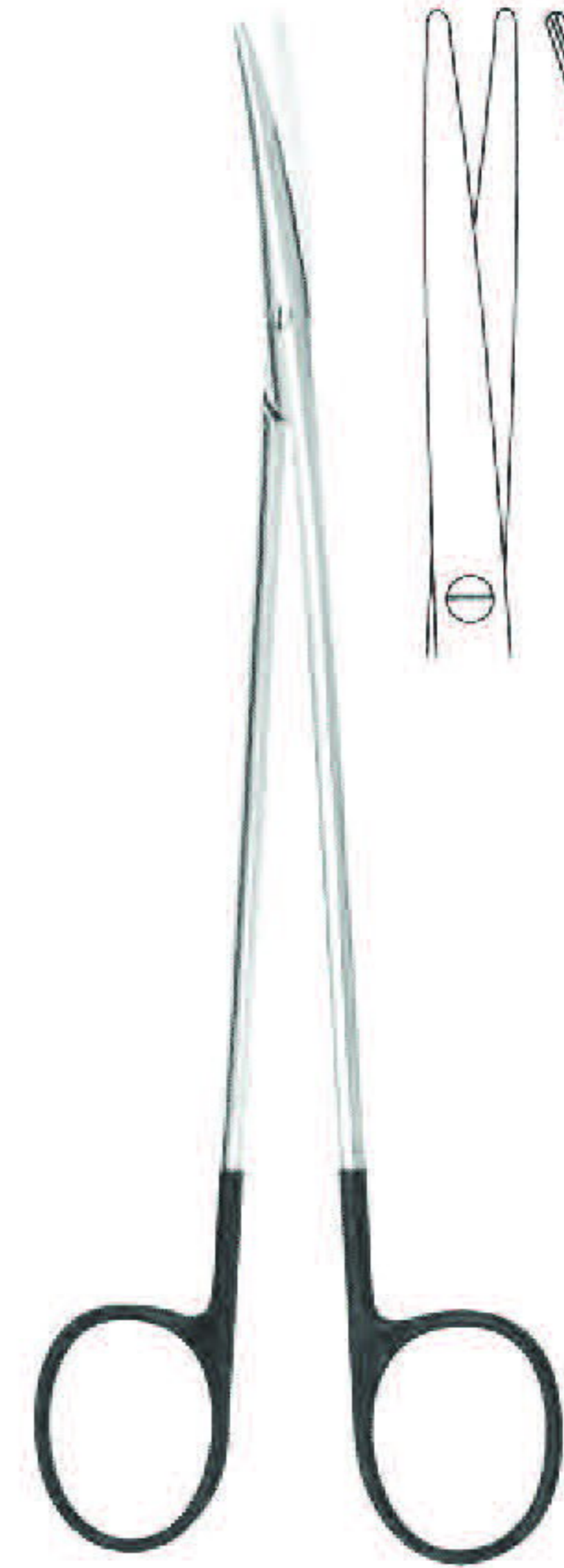
METZENBAUM-FINO
14.5 cm/5 3/4"



04-0918-14



METZENBAUM-FINO
04-0919-18 18 cm/7 1/8"
04-0919-20 20 cm/7 7/8"
04-0919-23 23 cm/9"



METZENBAUM-FINO
04-0920-18 18 cm/7 1/8"
04-0920-20 20 cm/7 7/8"
04-0920-23 23 cm/9"

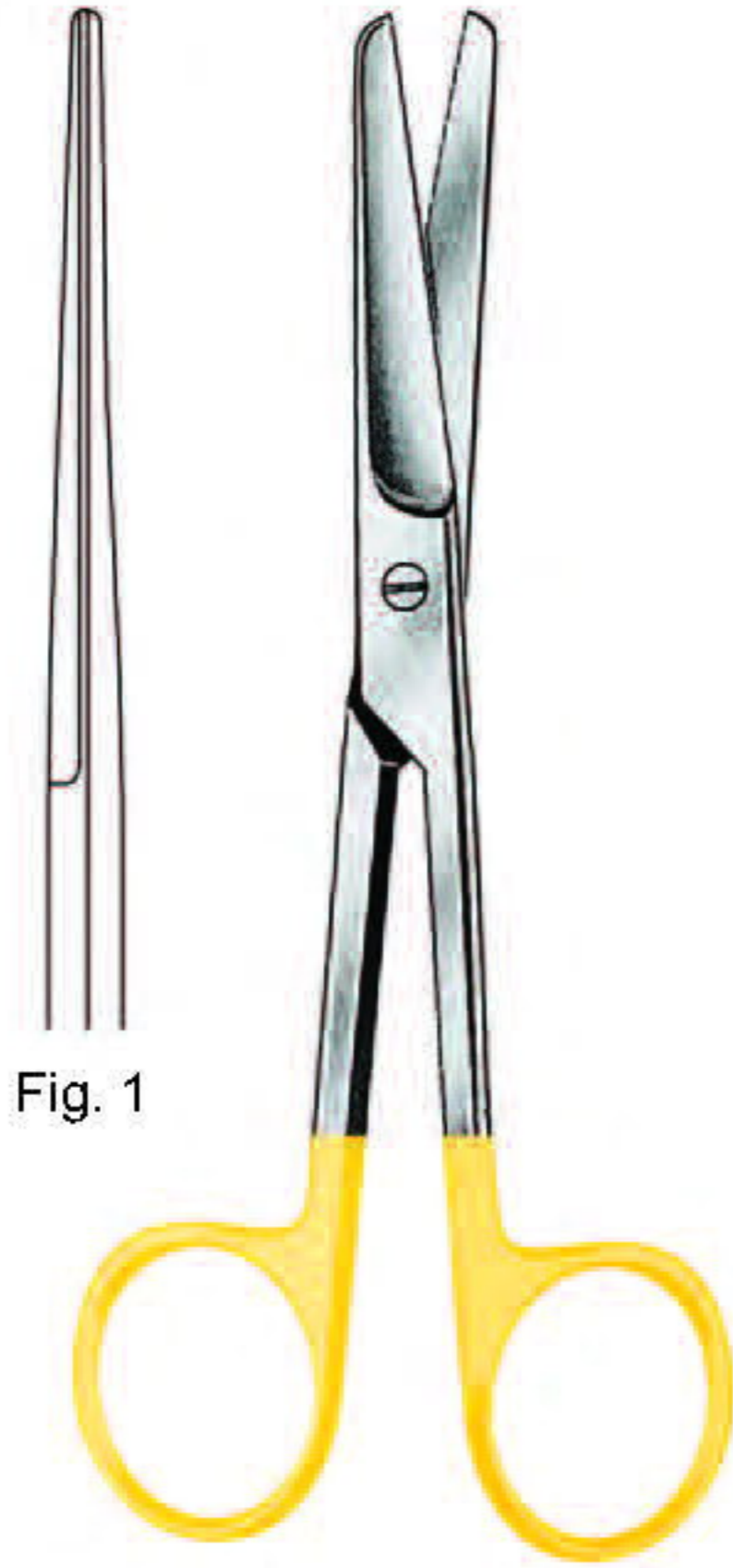


Fig. 1

STANDARD
 04-1001-14
 14.5 cm/5 3/4"

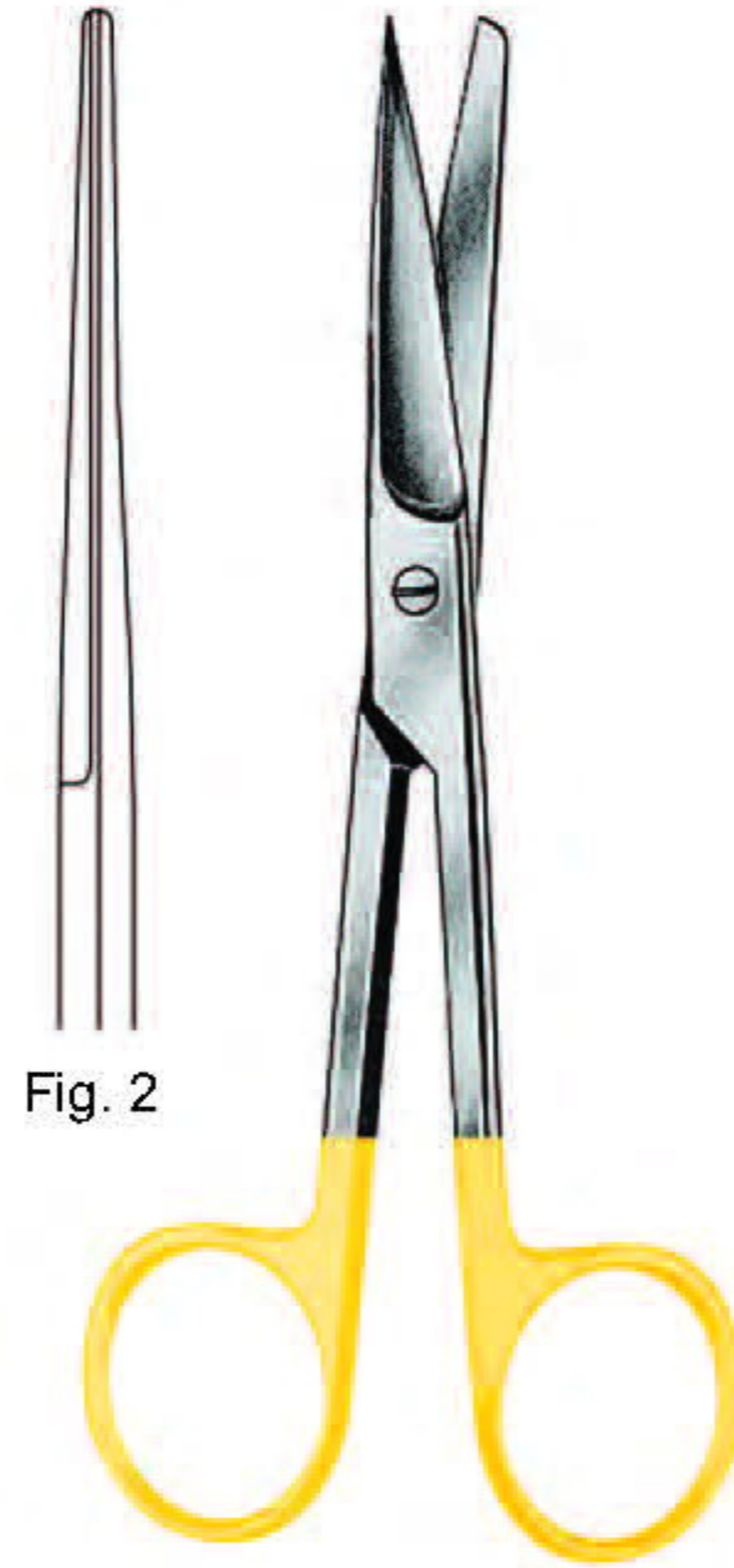


Fig. 2

STANDARD
 04-1002-14
 14.5 cm/5 3/4"

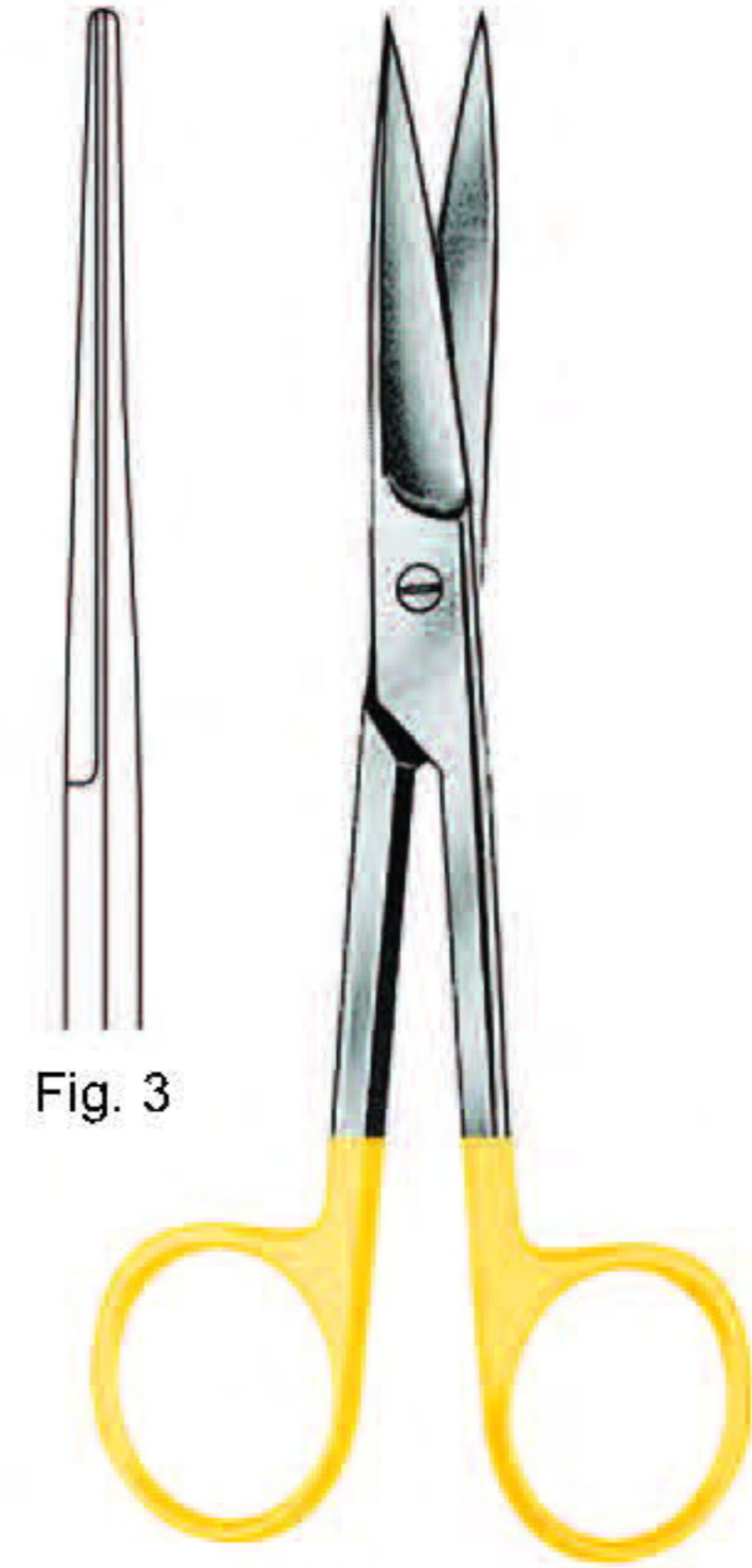


Fig. 3

STANDARD
 04-1003-14
 14.5 cm/5 3/4"

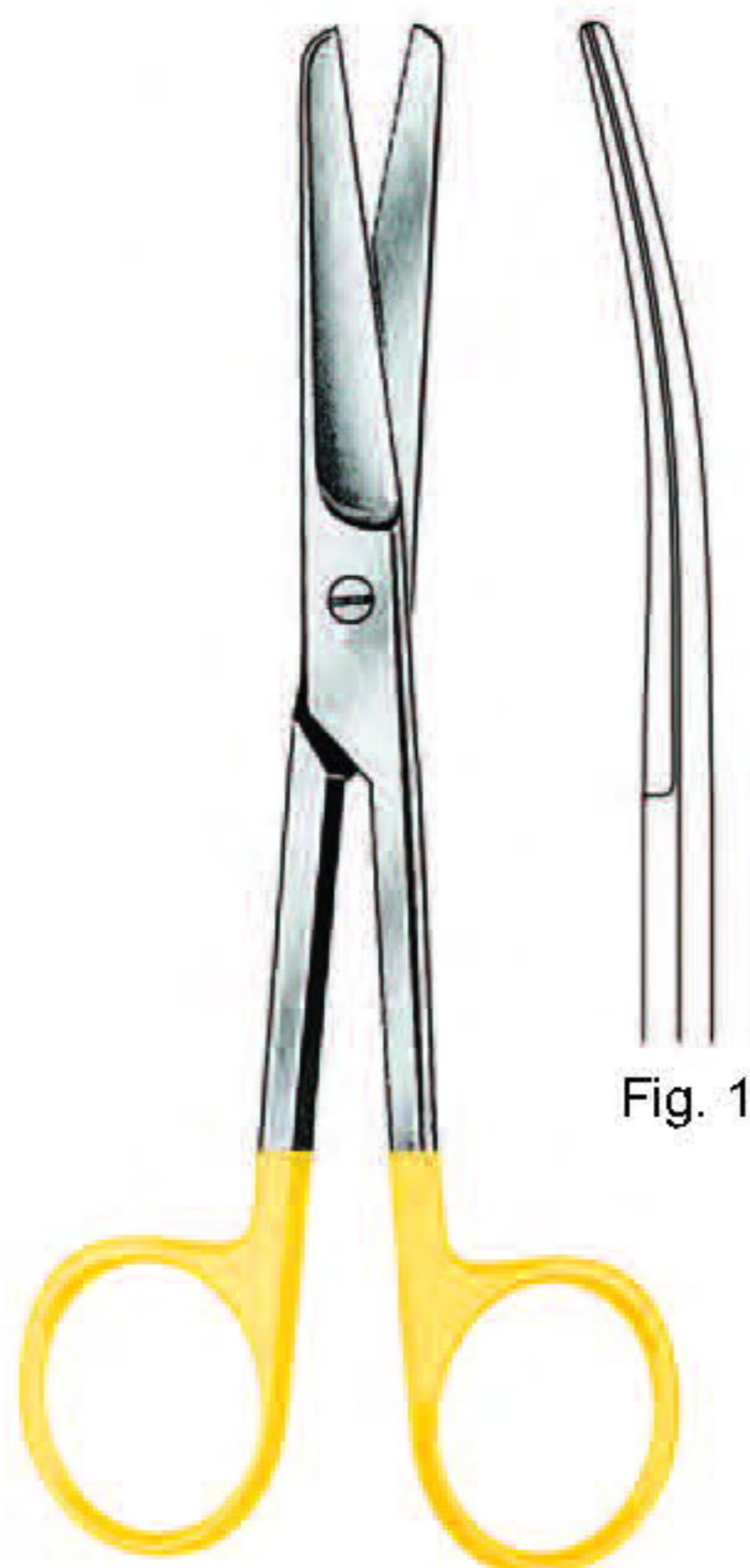


Fig. 1

STANDARD
 04-1004-14
 14.5 cm/5 3/4"

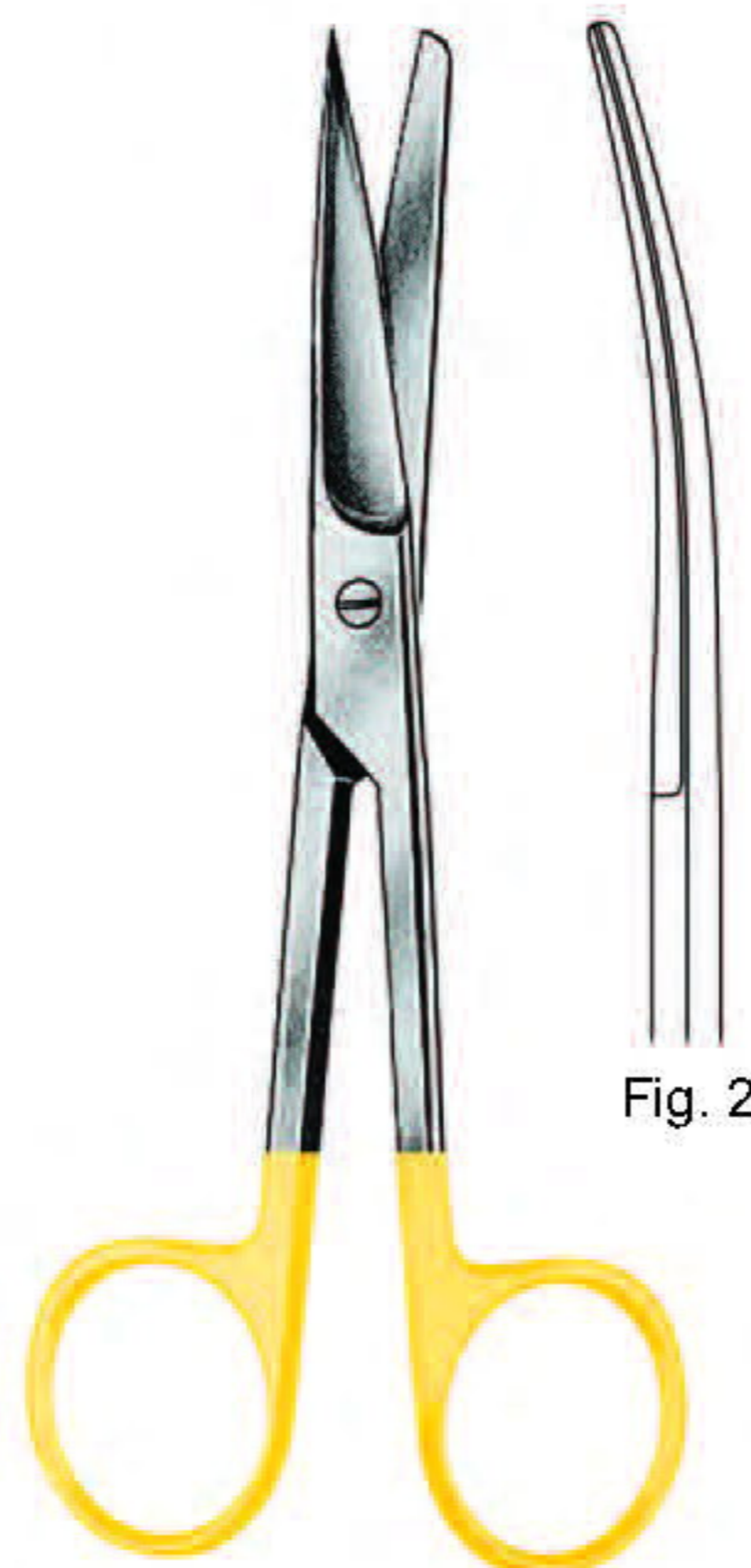


Fig. 2

STANDARD
 04-1005-14
 14.5 cm/5 3/4"

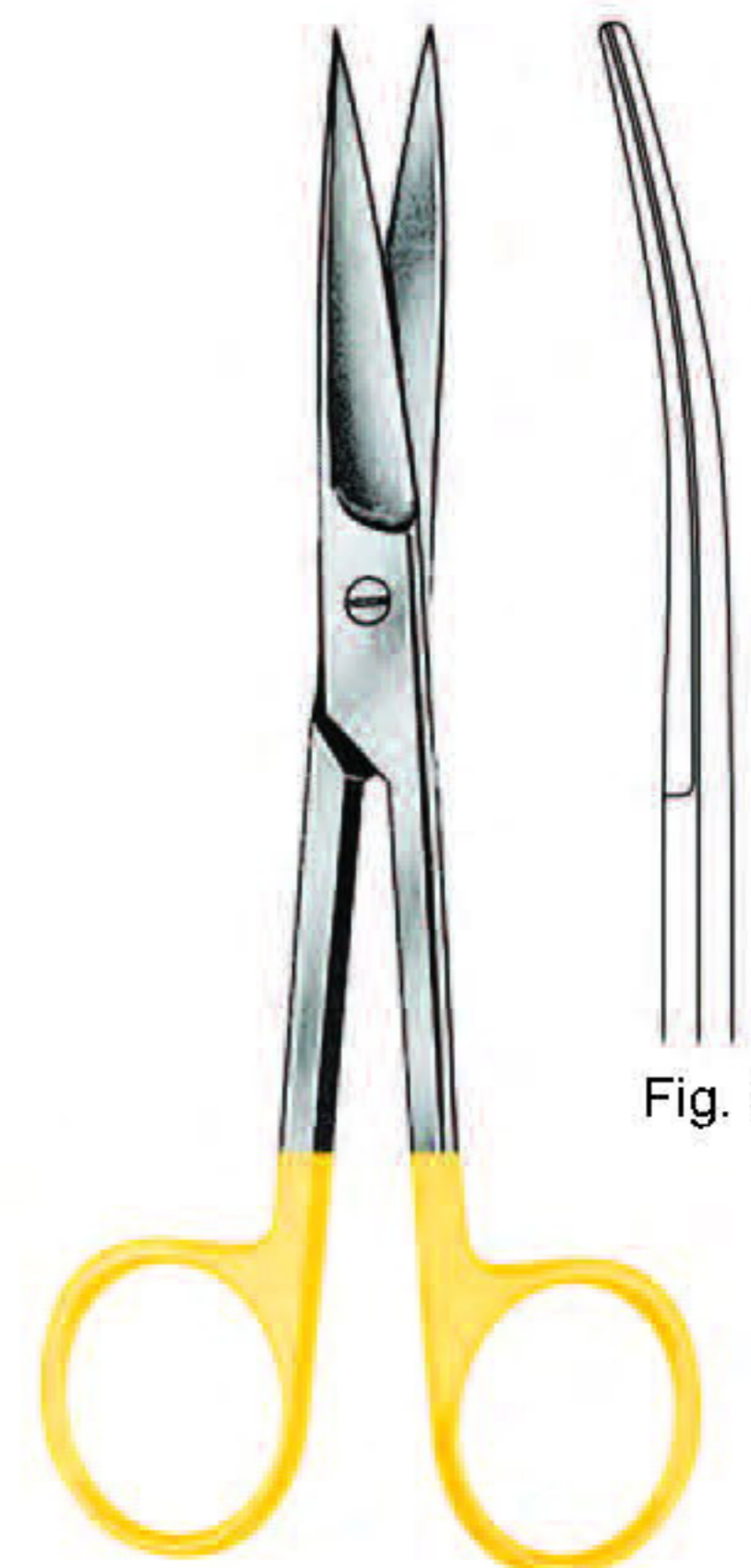
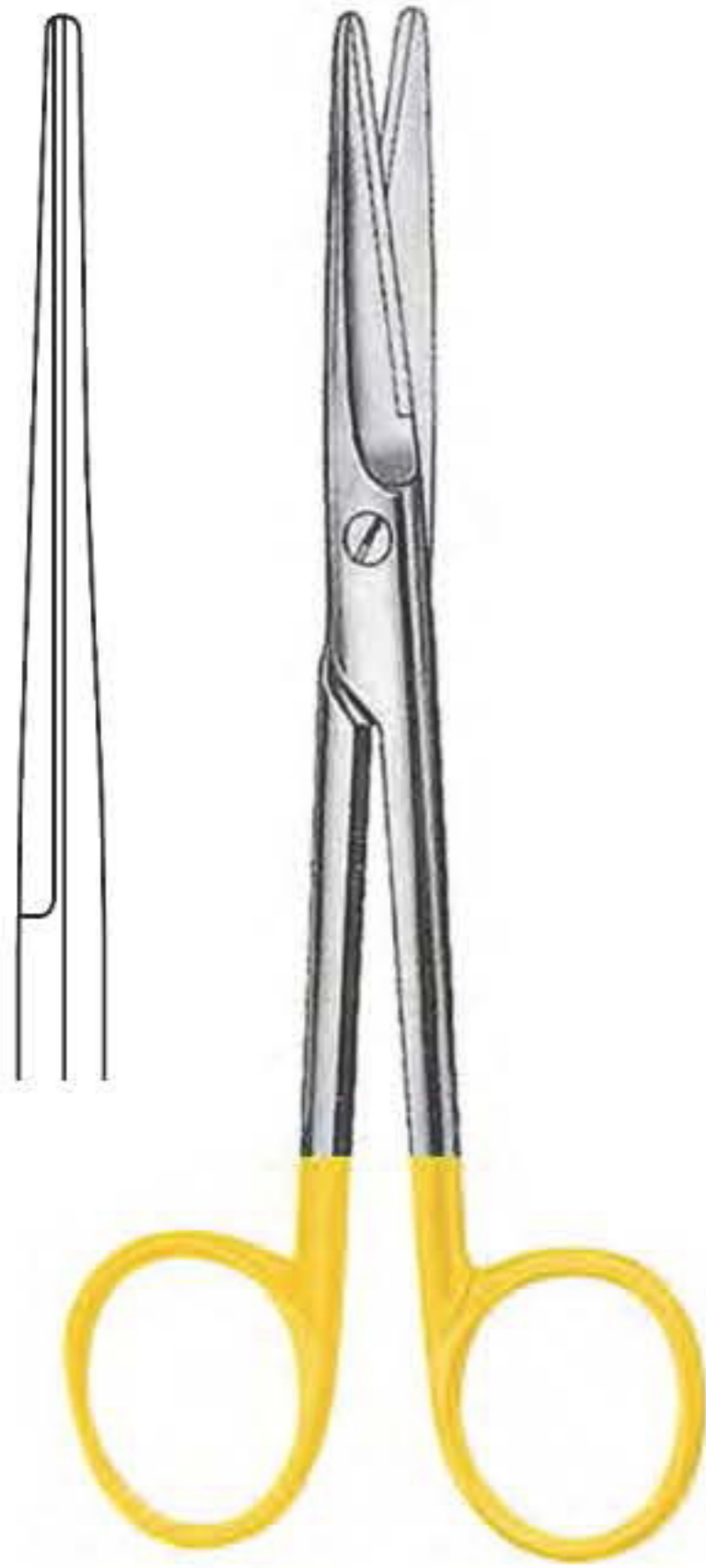


Fig. 3

STANDARD
 04-1006-14
 14.5 cm/5 3/4"

TC SCISSORS



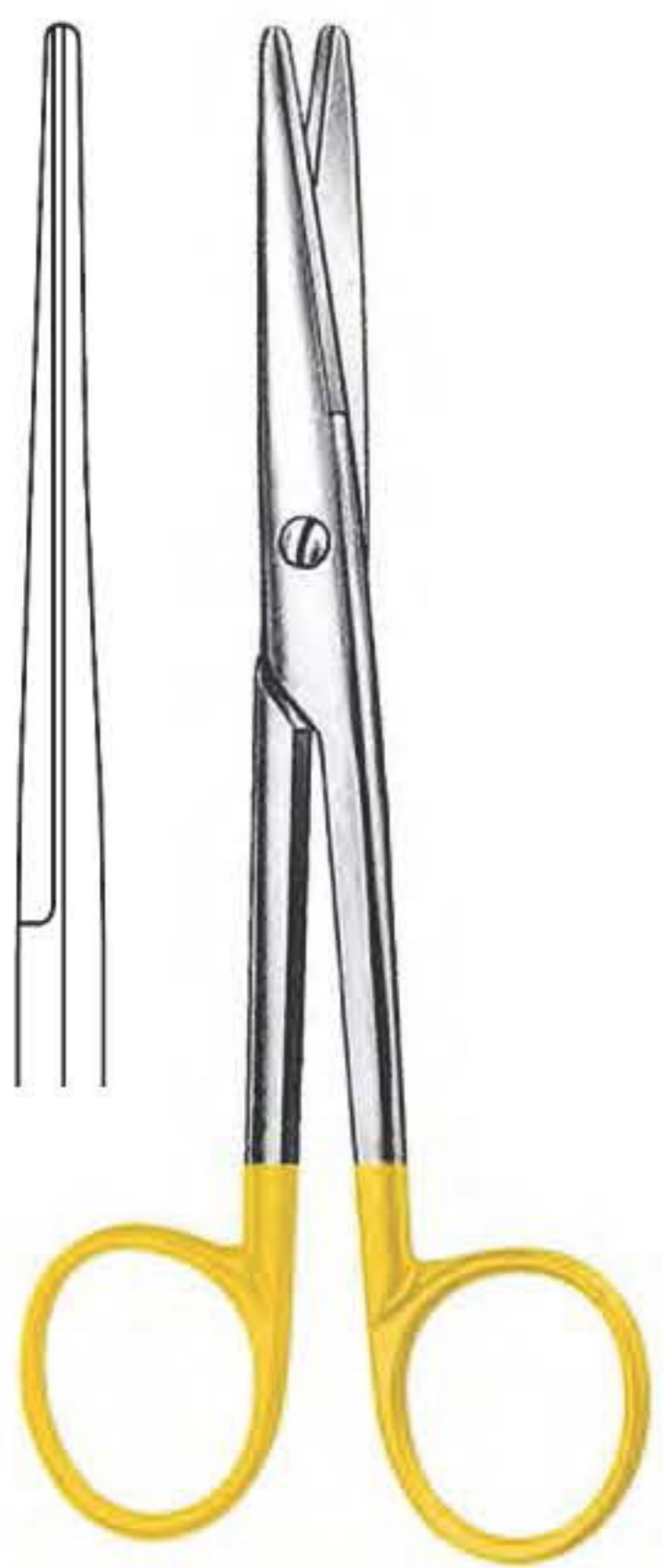
MAYO-Straight
 04-1007-14 14.5 cm/5 3/4"
 04-1007-17 17 cm/6 3/4"
 04-1007-23 23 cm/9"



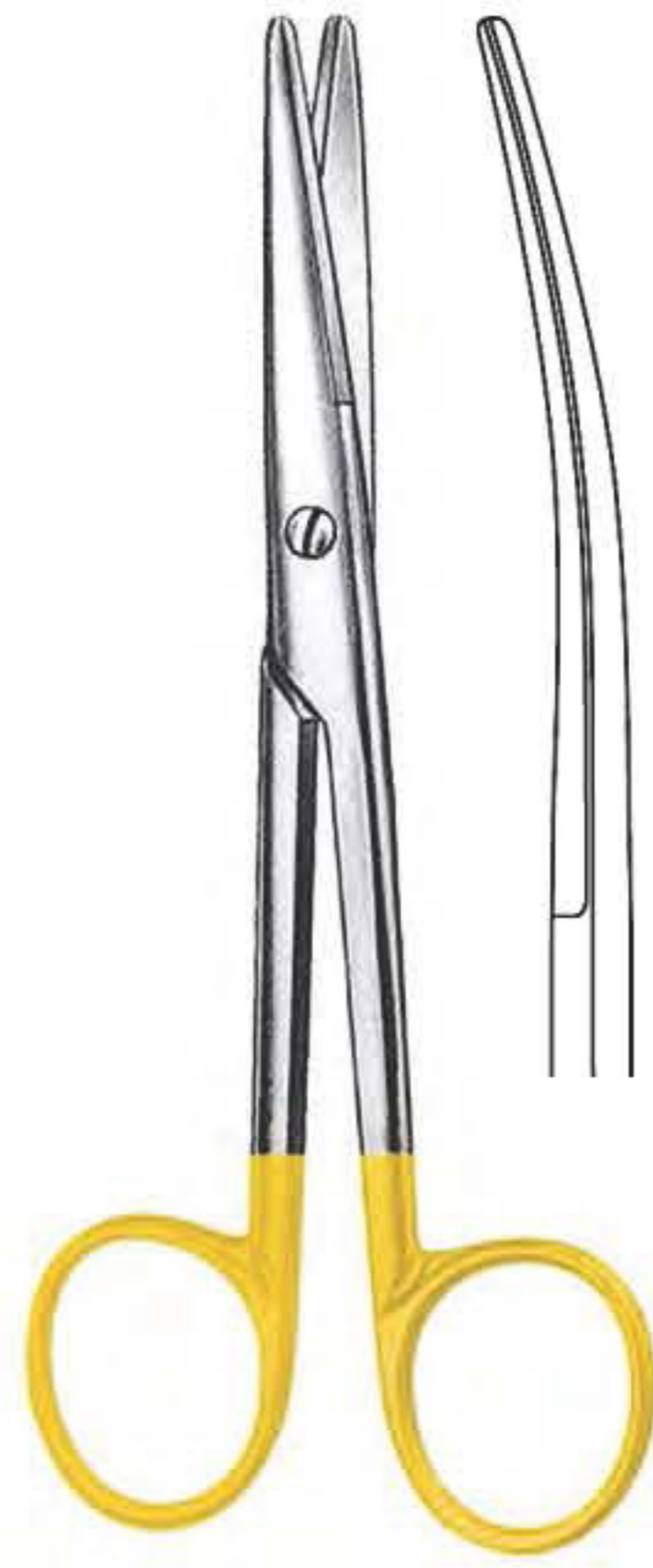
MAYO-Curved
 04-1008-14 14.5 cm/5 3/4"
 04-1008-17 17 cm/6 3/4"
 04-1008-23 23 cm/9"



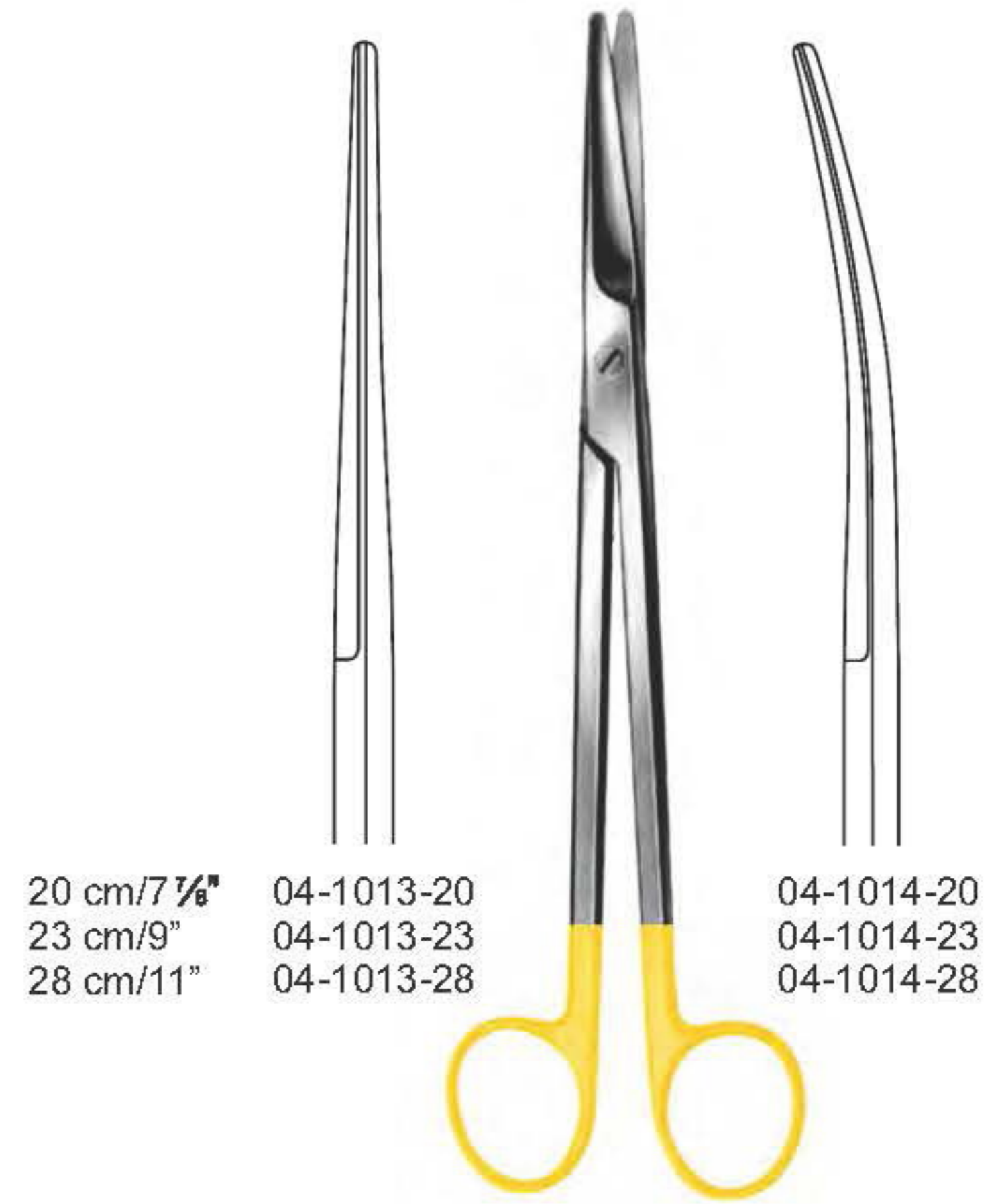
MAYO-LEXER
 Dissecting
 16 cm/6 1/4"



MAYO-STILLE
 04-1011-14 14.5 cm/5 3/4"
 04-1011-17 17 cm/6 3/4"

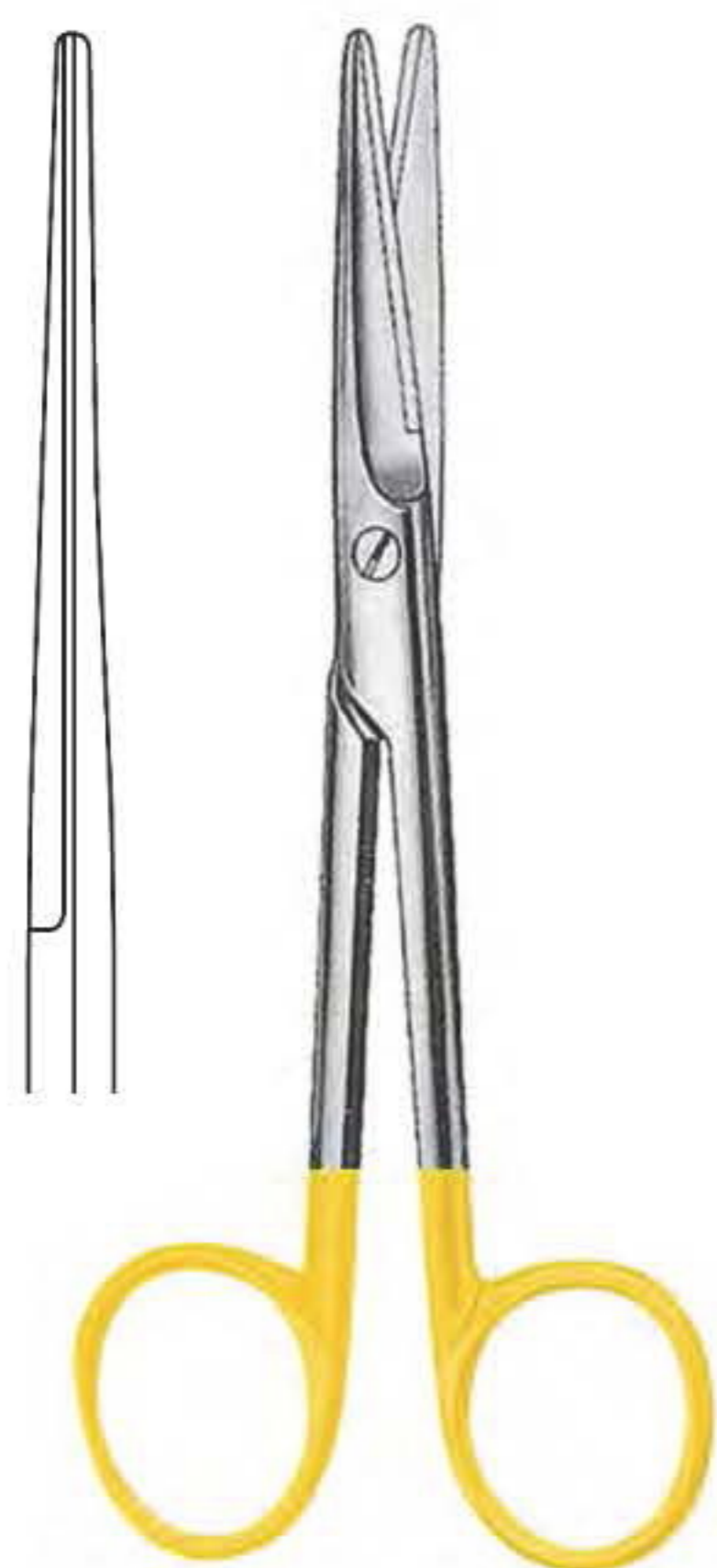


MAYO-STILLE
 04-1012-14 14.5 cm/5 3/4"
 04-1012-17 17 cm/6 3/4"

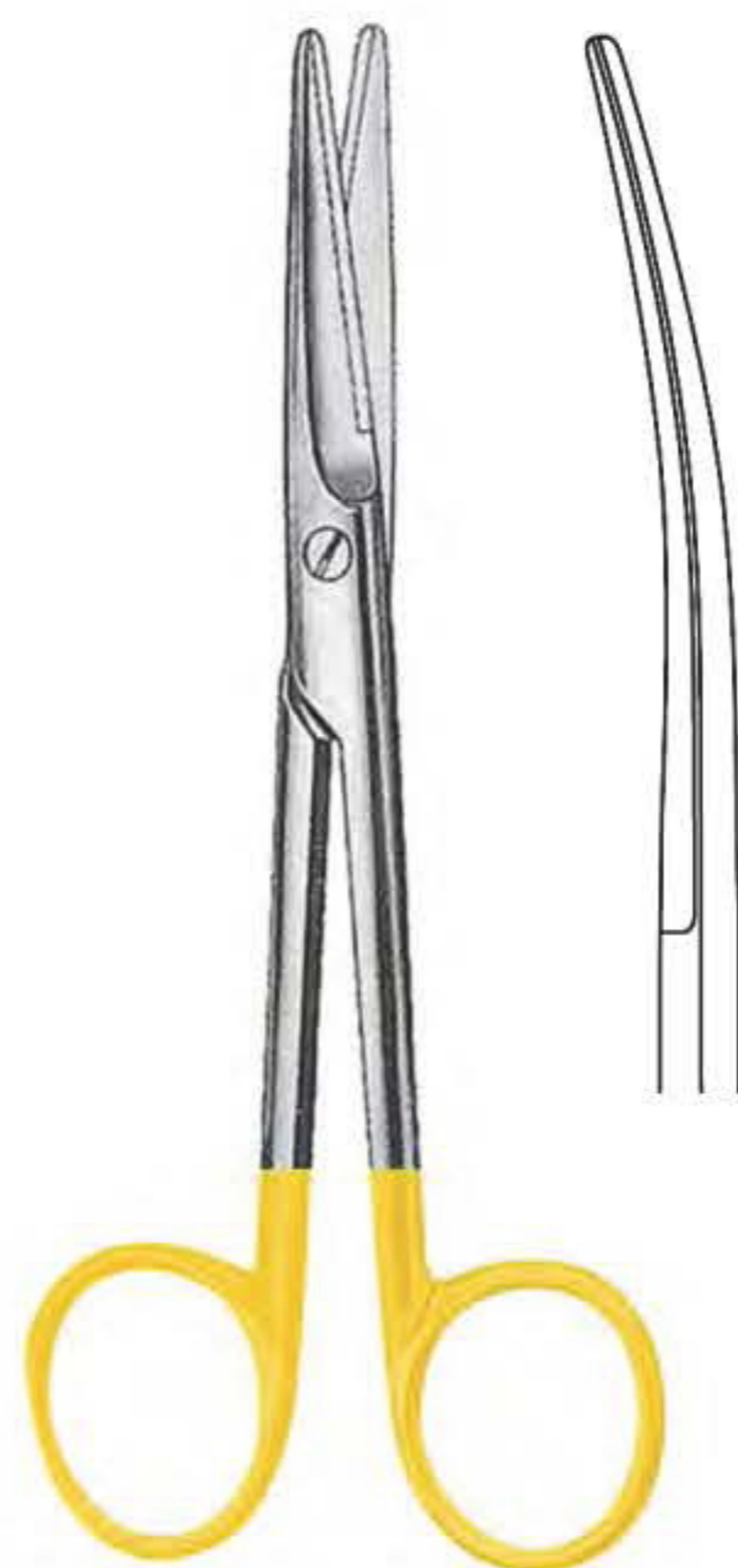


20 cm/7 1/6"
 23 cm/9"
 28 cm/11"
 04-1013-20
 04-1013-23
 04-1013-28
 04-1014-20
 04-1014-23
 04-1014-28

MAYO-HARRINGTON
 Gynecological



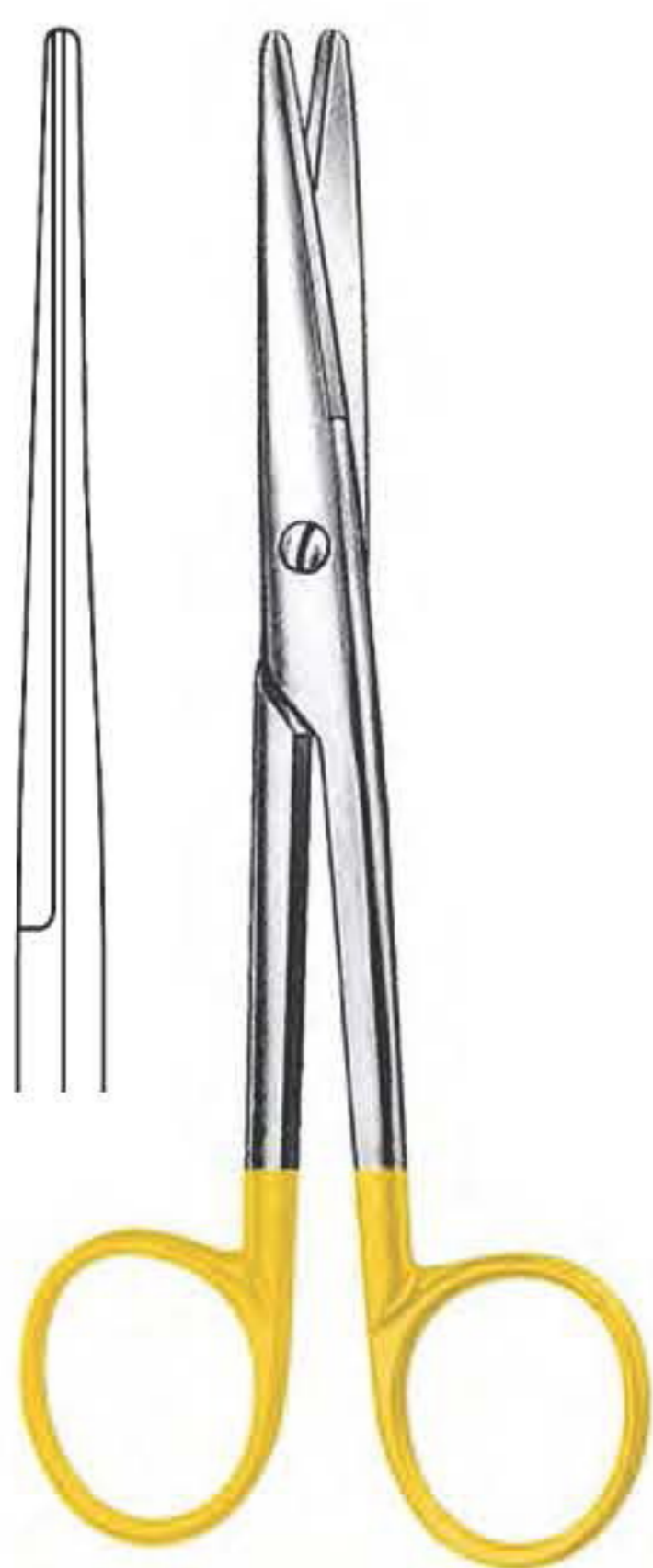
MAYO-Straight
04-1007-14 14.5 cm/5 3/4"
04-1007-17 17 cm/6 3/4"
04-1007-23 23 cm/9"



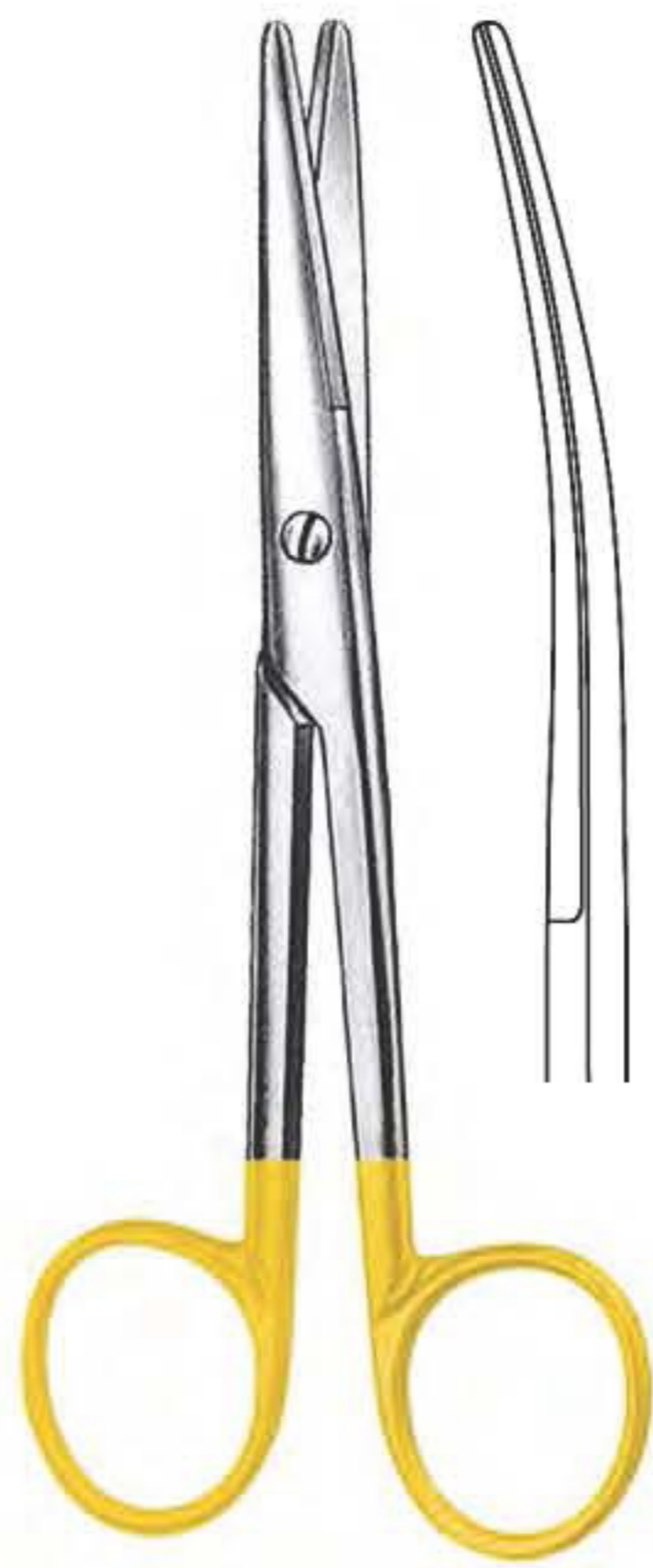
MAYO-Curved
04-1008-14 14.5 cm/5 3/4"
04-1008-17 17 cm/6 3/4"
04-1008-23 23 cm/9"



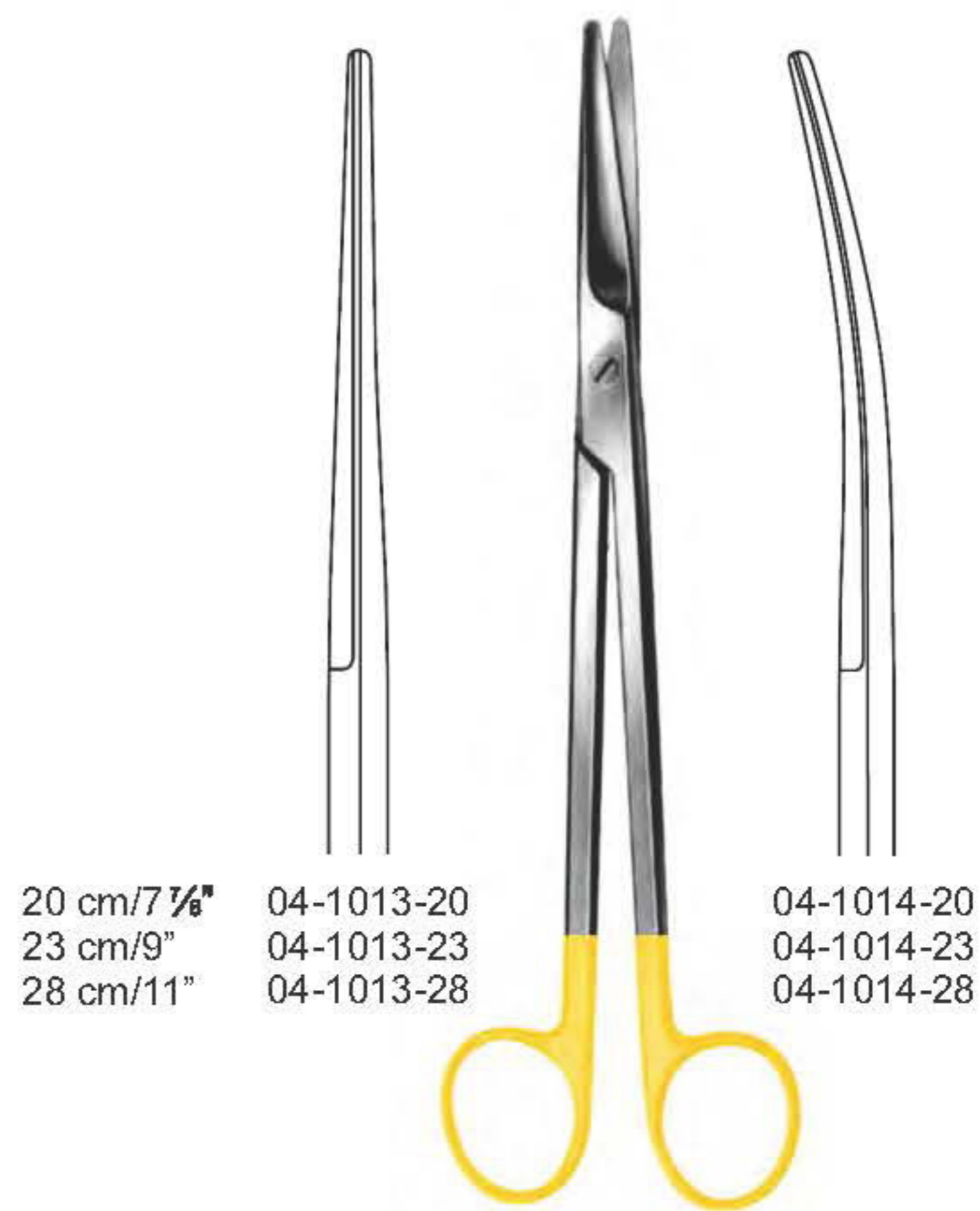
1/2
MAYO-LEXER
Dissecting
16 cm/6 1/4"



MAYO-STILLE
04-1011-14 14.5 cm/5 3/4"
04-1011-17 17 cm/6 3/4"



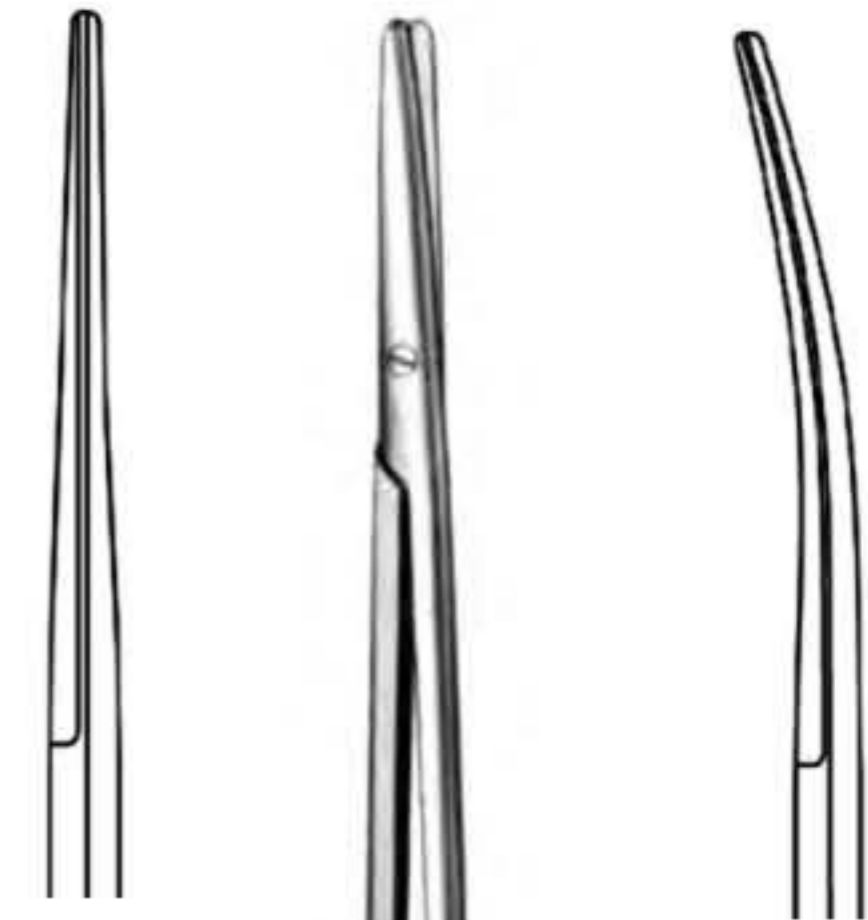
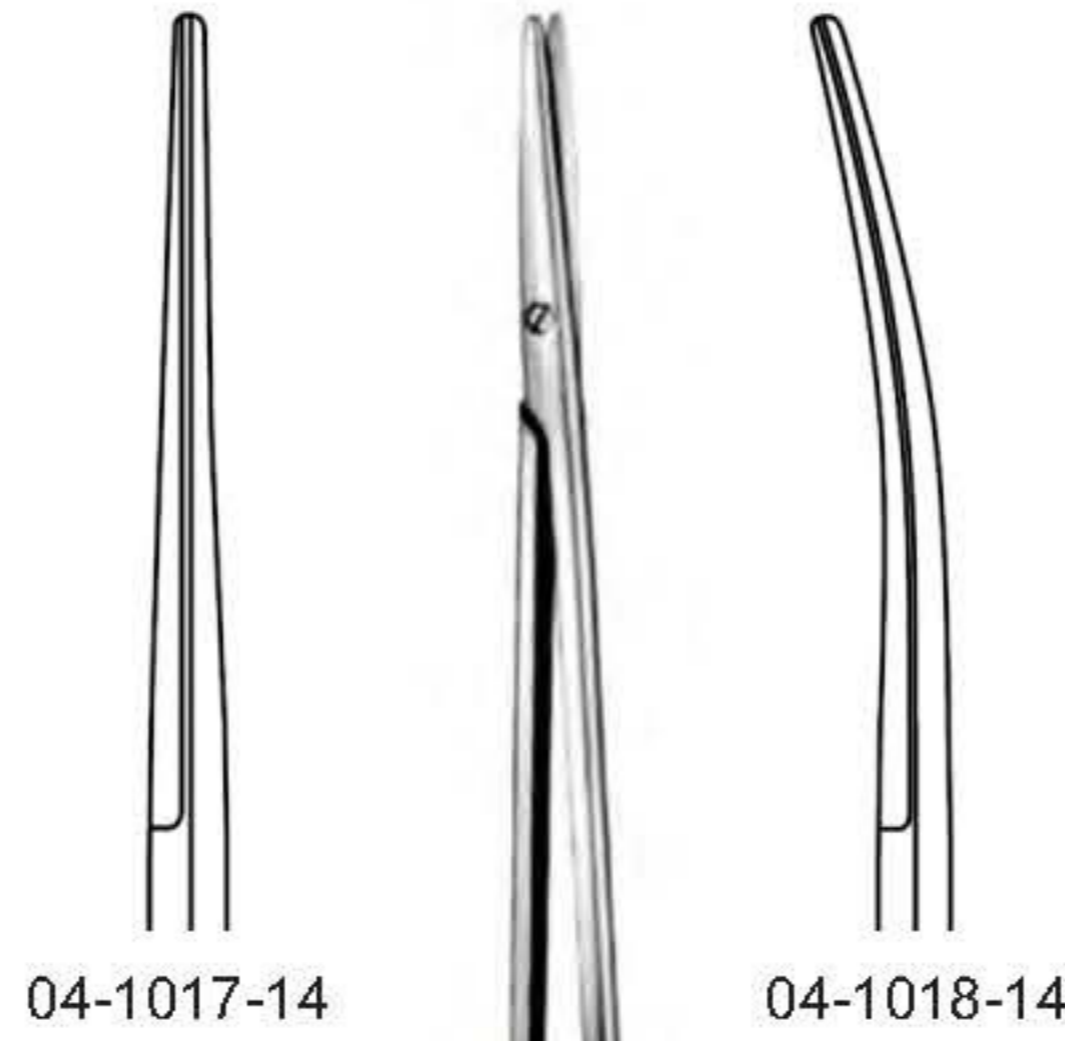
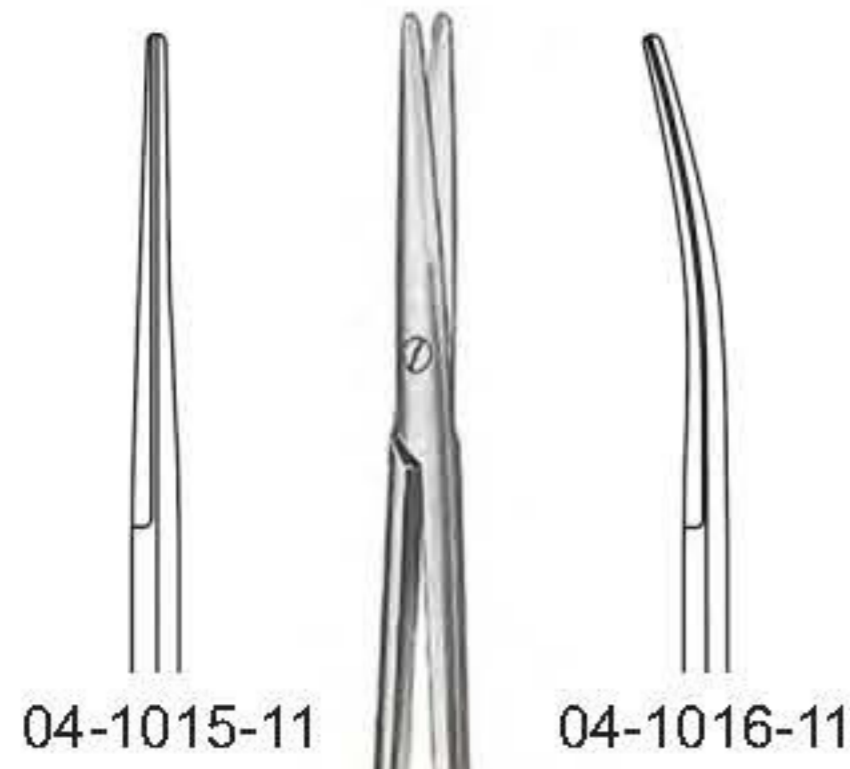
MAYO-STILLE
04-1012-14 14.5 cm/5 3/4"
04-1012-17 17 cm/6 3/4"



20 cm/7 1/6" 04-1013-20
23 cm/9" 04-1013-23
28 cm/11" 04-1013-28
04-1014-20
04-1014-23
04-1014-28

MAYO-HARRINGTON
Gynecological

TC SCISSORS

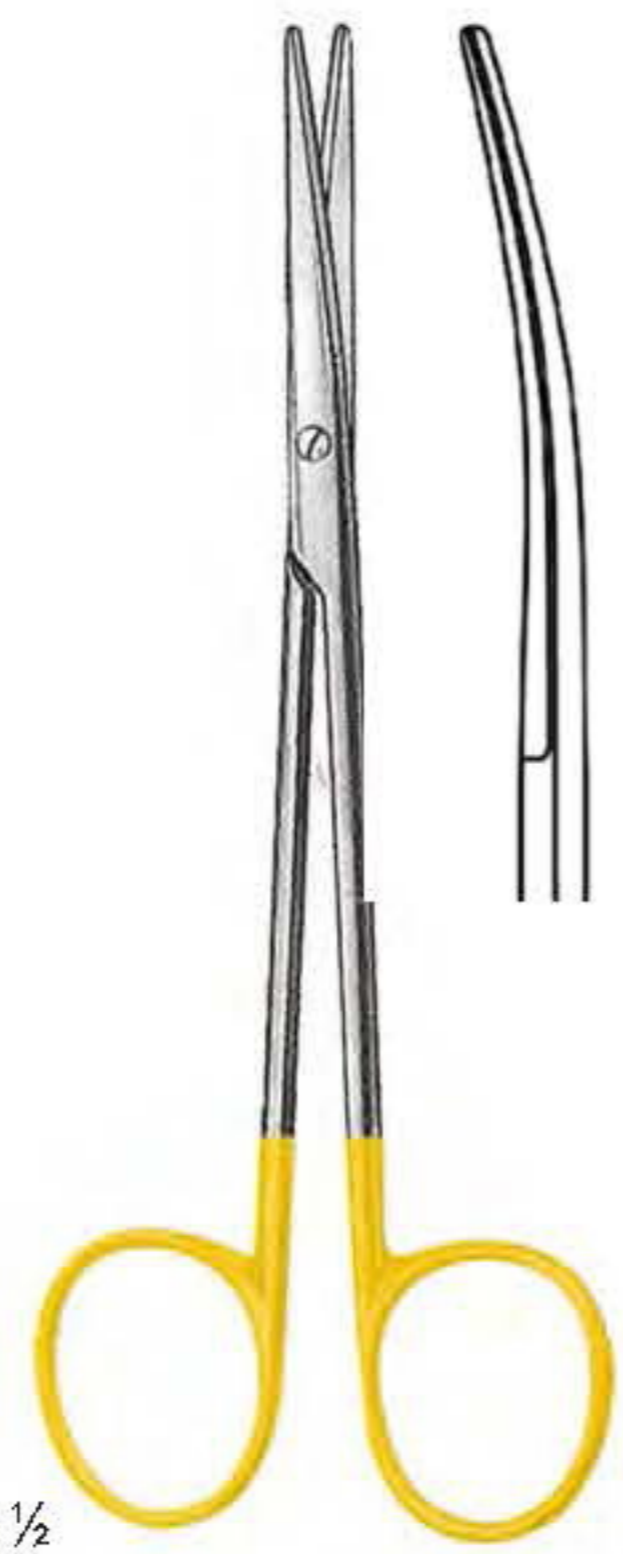


METZENBAUM

Straight		Curved
04-1019-18	18 cm/7 1/8"	04-1020-18
04-1019-20	20 cm/7 7/8"	04-1020-20
04-1019-23	23 cm/9"	04-1020-23
04-1019-25	25 cm/9 7/8"	04-1020-25
04-1019-28	28 cm/11"	04-1020-28
04-1019-30	30 cm/11 3/4"	04-1020-30



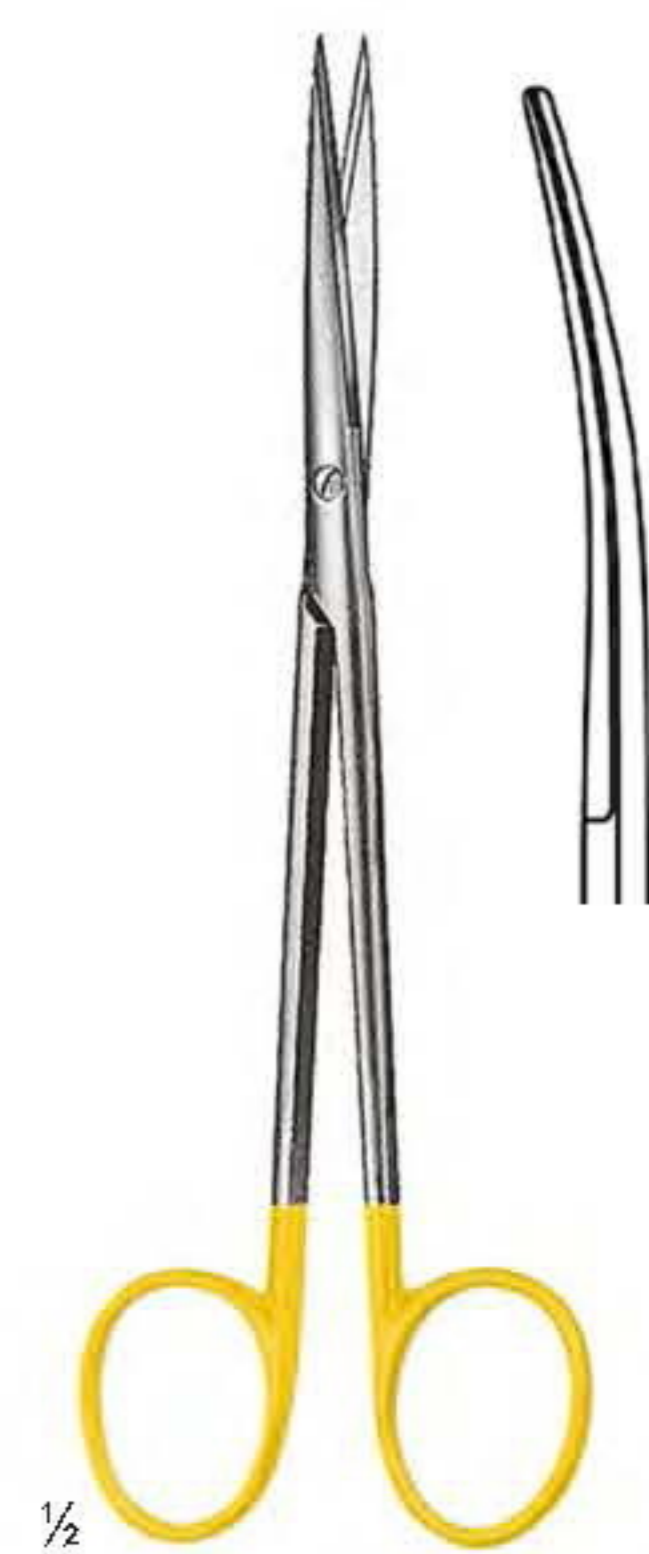
1/2
METZENBAUM-Fino
 04-1021-14
 14.5 cm/5 3/4"



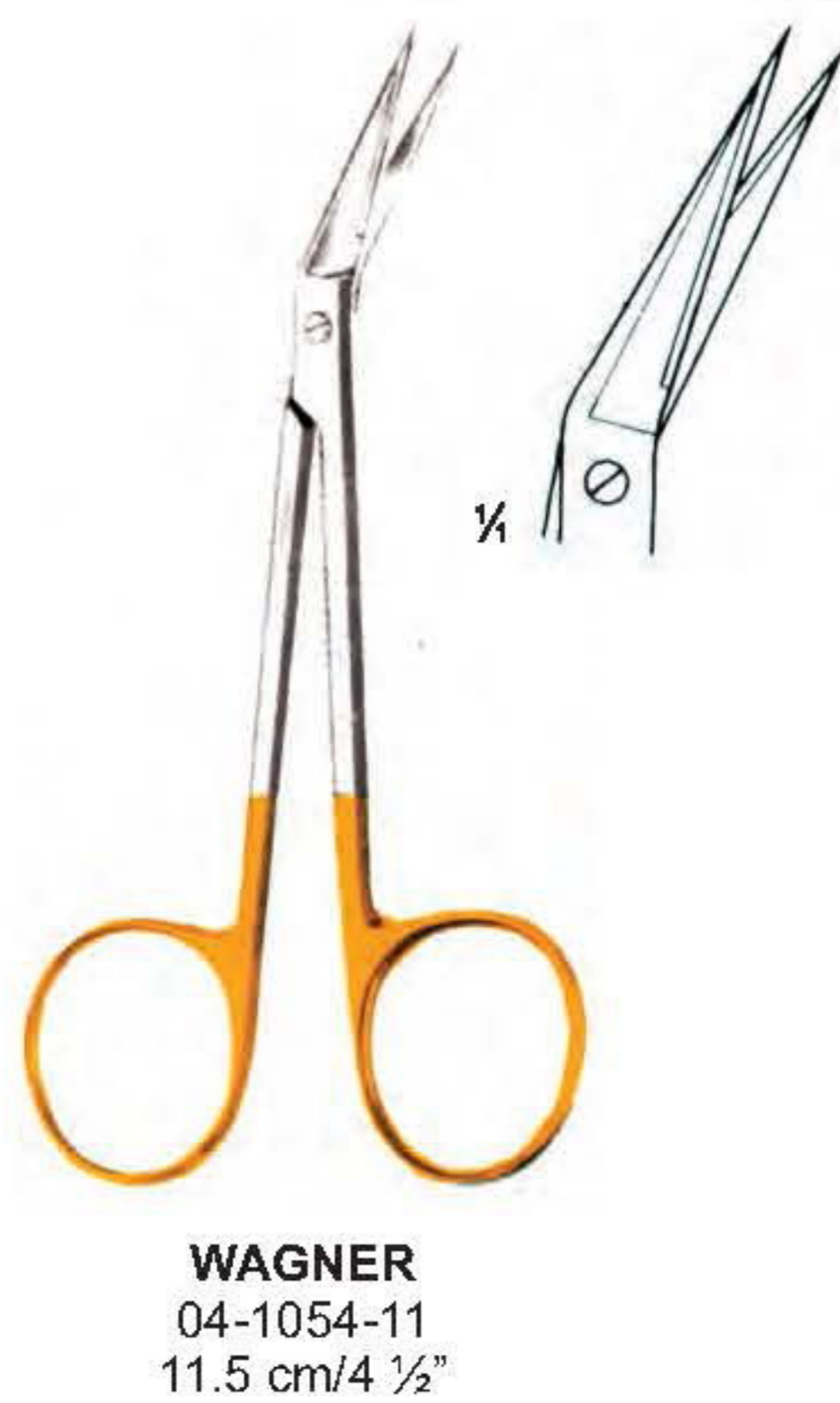
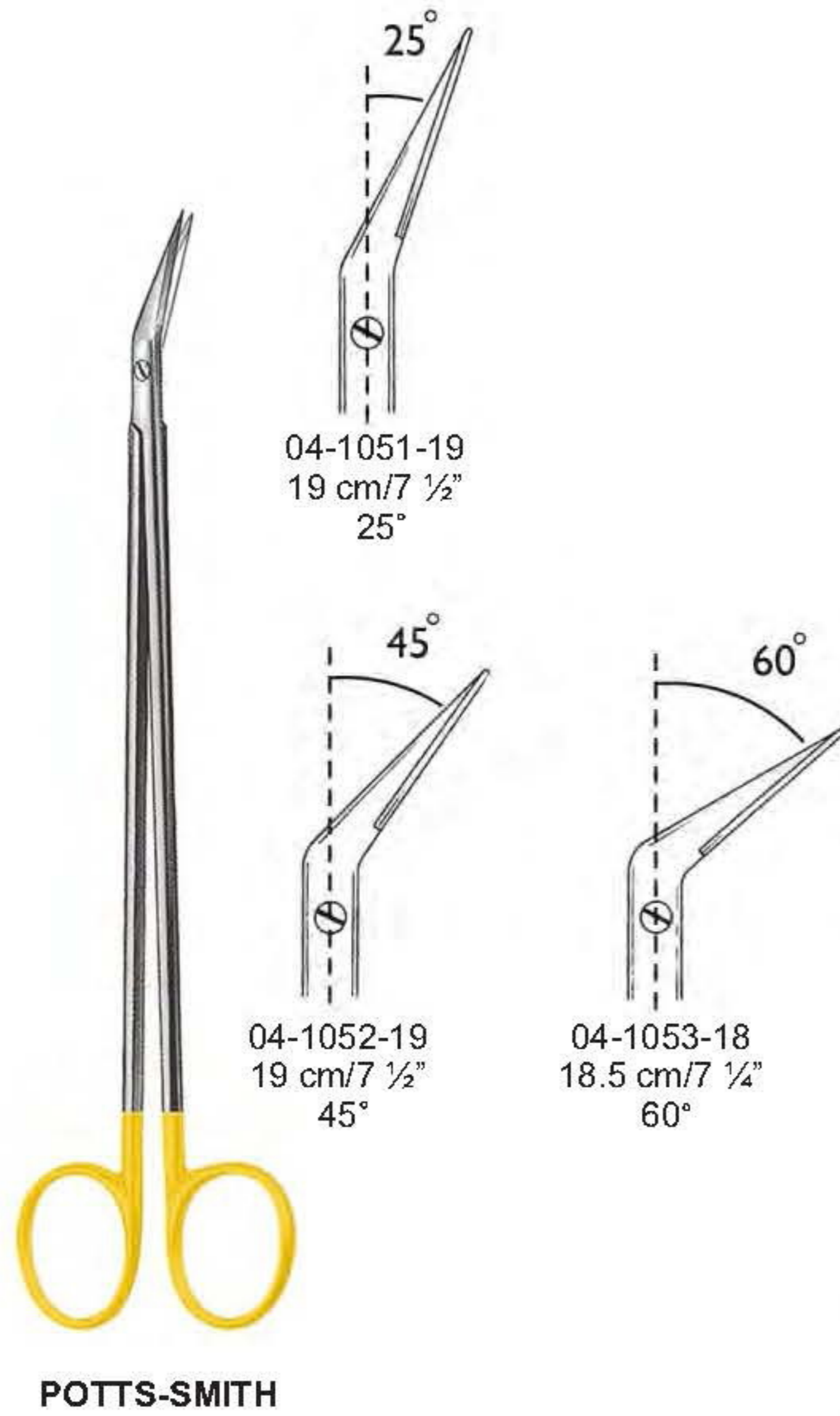
1/2
METZENBAUM-Fino
 04-1022-14
 14.5 cm/5 3/4"



1/2
METZENBAUM-Fino
 04-1023-14
 14.5 cm/5 3/4"



1/2
METZENBAUM-Fino
 04-1024-14
 14.5 cm/5 3/4"

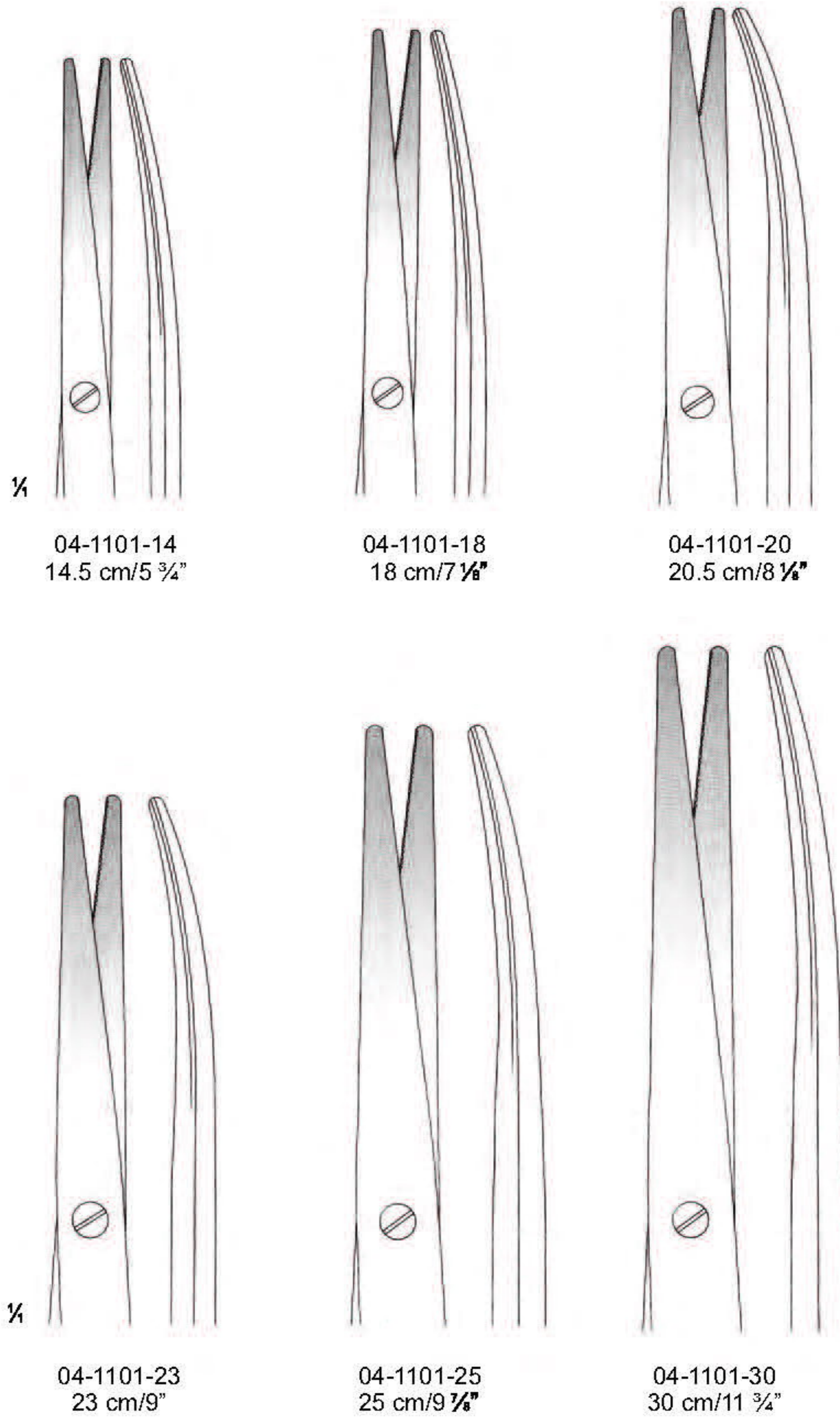


EN	Ligature Scissors
DE	Ligaturscheren
ES	Tijeras para ligaduras
FR	Ciseaux à ligatures
IT	Forbici per legature

TC SUPERCUT SCISSORS



For synthetic suture material
one toothed cutting edge



- EN** Forceps
- DE** Pinzetten
- ES** Pinzas
- FR** Forceps
- IT** Forcipe

Page 46 to 54



EN	Dissecting Forceps
DE	Anatomische Pinzetten
ES	Pinzas de diseccion
FR	Pinces à dissection
IT	Pinze per dissezione

FORCEPS



Standard



Standard

05-1201-10	10.5cm
05-1201-11	11.5cm
05-1201-13	13.0cm
05-1201-14	14.5cm
05-1201-16	16.0cm
05-1201-18	18.0cm
05-1201-20	20.0cm
05-1201-23	23.0cm
05-1201-25	25.0cm
05-1201-30	30.0cm



Narrow

05-1202-10	10.5cm
05-1202-11	11.5cm
05-1202-13	13.0cm
05-1202-14	14.5cm
05-1202-16	16.0cm
05-1202-18	18.0cm
05-1202-20	20.0cm
05-1202-23	23.0cm
05-1202-25	25.0cm
05-1202-30	30.0cm



USA Model



Standard

05-1203-12	12.0cm
05-1203-13	13.0cm
05-1203-14	14.5cm
05-1203-15	15.0cm
05-1203-18	18.0cm
05-1203-21	21.0cm
05-1203-25	25.0cm
05-1203-31	31.0cm



Narrow

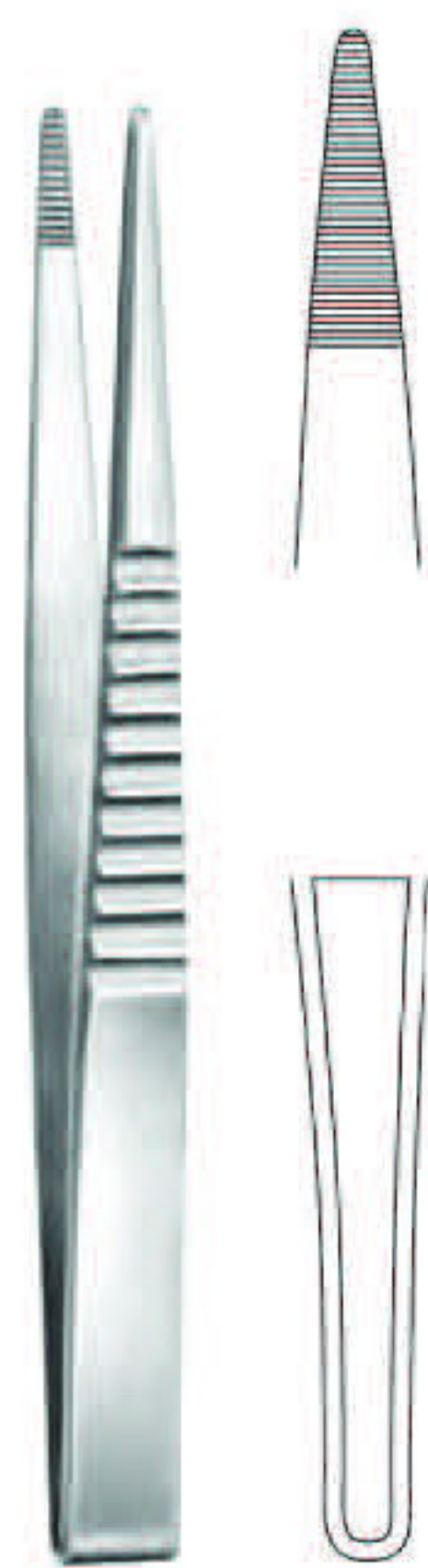
05-1204-12	12.0cm
05-1204-13	13.0cm
05-1204-14	14.5cm
05-1204-15	15.0cm
05-1204-18	18.0cm
05-1204-21	21.0cm
05-1204-25	25.0cm



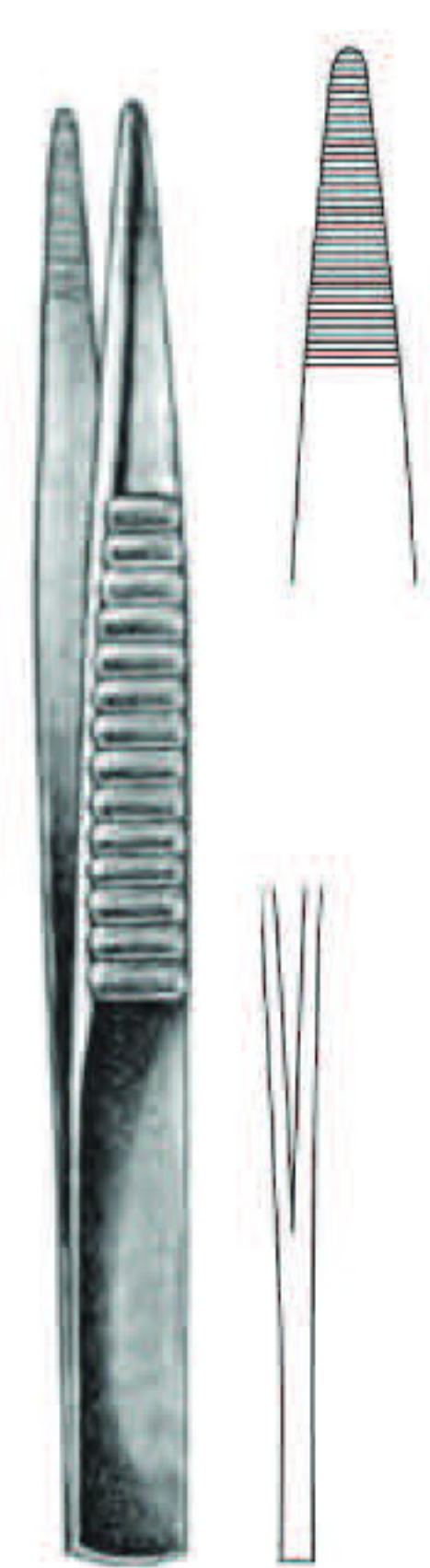
Stille
05-1205-15
15.0cm



Ochsner
05-1206-14
14.0cm



Treves
Turn over
05-1207-12 12.0cm
05-1207-15 15.0cm
05-1207-18 18.0cm
05-1207-20 20.0cm
05-1207-25 25.0cm



Treves
Block end
05-1208-12 12.0cm
05-1208-15 15.0cm
05-1208-18 18.0cm
05-1208-20 20.0cm
05-1208-25 25.0cm



Cushing
05-1209-17 17.0cm 05-1210-17



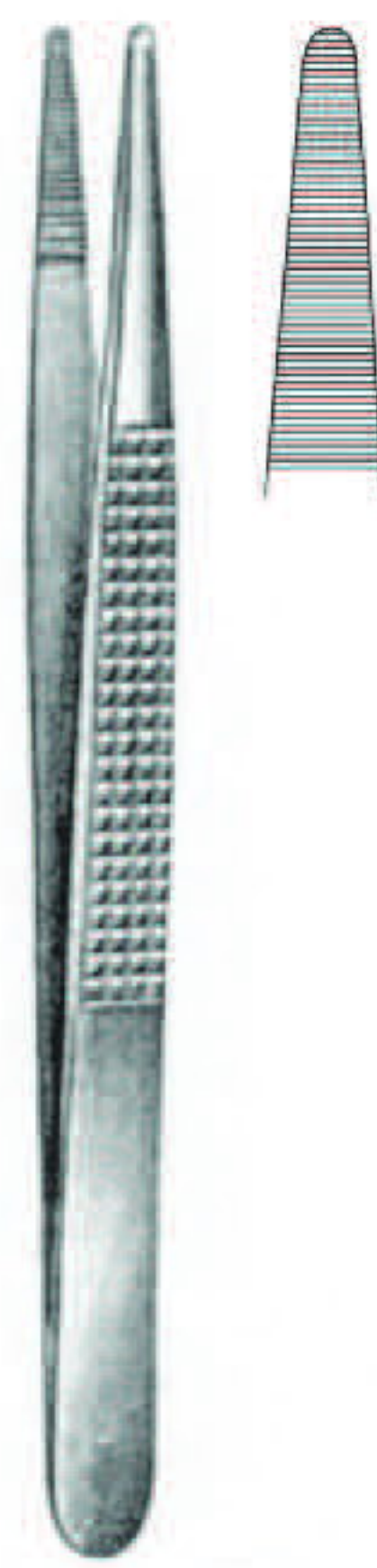
Potts Smith
05-1211-18 18.0cm
05-1211-21 21.0cm
05-1211-25 25.0cm
05-1211-30 30.0cm



Waugh
05-1212-15 15.0cm
05-1212-18 18.0cm
05-1212-20 20.0cm



Brophy
05-1213-20 20.0cm 05-1214-20



Bonney
05-1215-17
17.5cm



Ramsey
05-1216-18
18.0cm



Duehrssen
05-1217-20
20.0cm



Wangensteen
05-1218-23
23.0cm

EN	Dissecting Forceps
DE	Anatomische Pinzetten
ES	Pinzas de diseccion
FR	Pinces à dissection
IT	Pinze per dissezione

FORCEPS



Adson
 05-1219-12 12.0cm
 05-1219-15 15.0cm
 05-1219-18 18.0cm



McIndoe
 05-1220-15 15.0cm



Semken
 05-1221-12 12.0cm 05-1222-12
 05-1221-15 15.0cm 05-1222-15



Gerald
 05-1223-18 18.0cm



Gerald
 05-1224-18 18.0cm



Gerald
 05-1225-18 18.0cm



Taylor
 05-1226-17 17.5cm Str
 05-1227-17 17.5cm Cvd



Taylor
05-1228-17
18.5cm



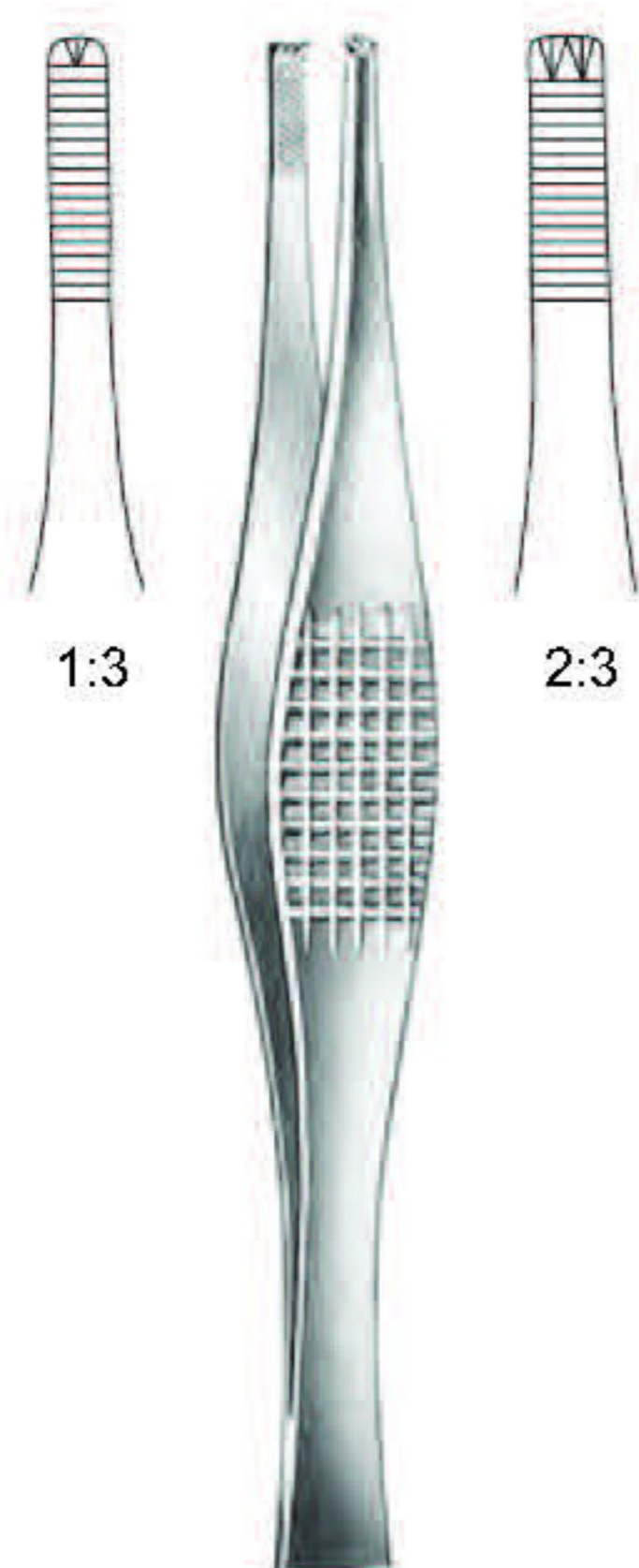
Taylor
05-1229-17
17.5cm



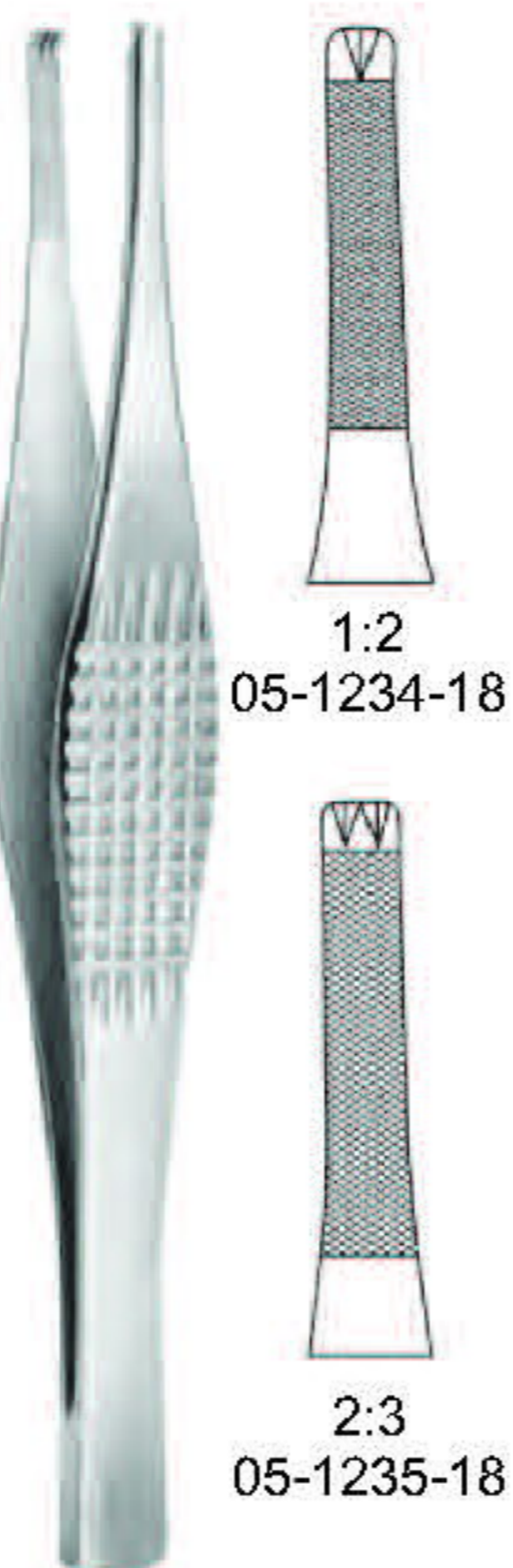
Jefferson
05-1230-18
18.0cm, 180mm



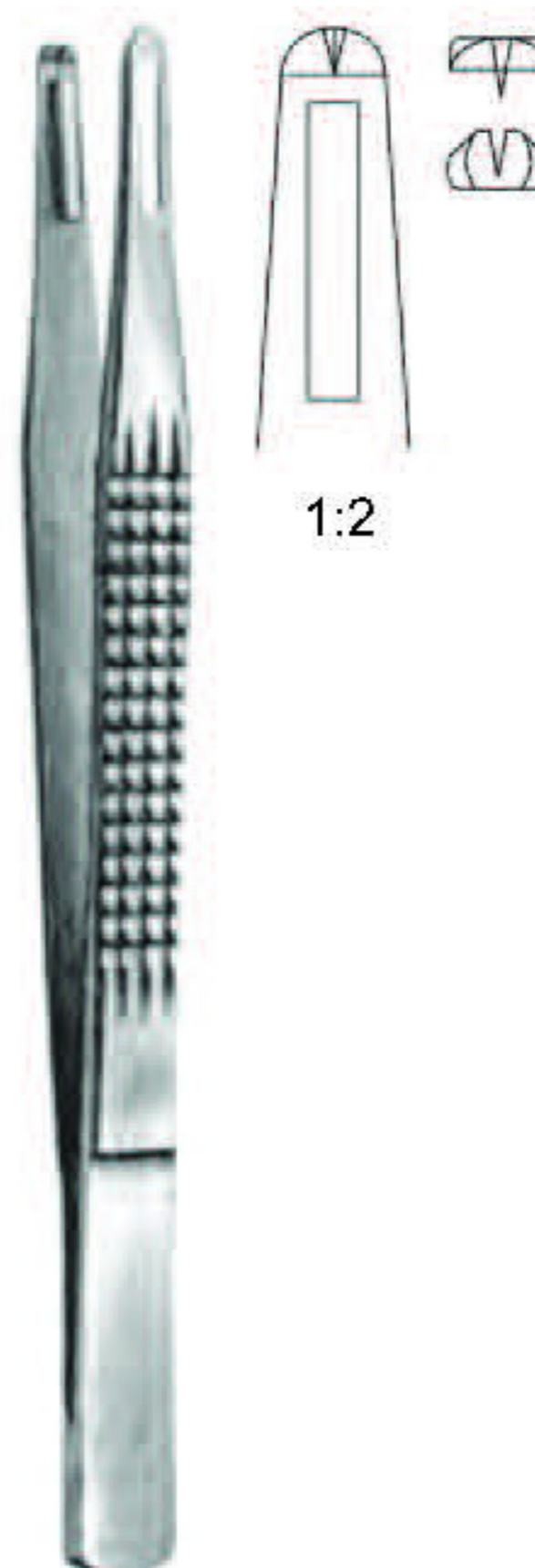
Adson
05-1231-18
18.0cm, 180mm



Ferris-Smith
05-1232-18 18.0cm 05-1233-18



Ramsay
18.0cm



Charnley
05-1236-18 18.0cm



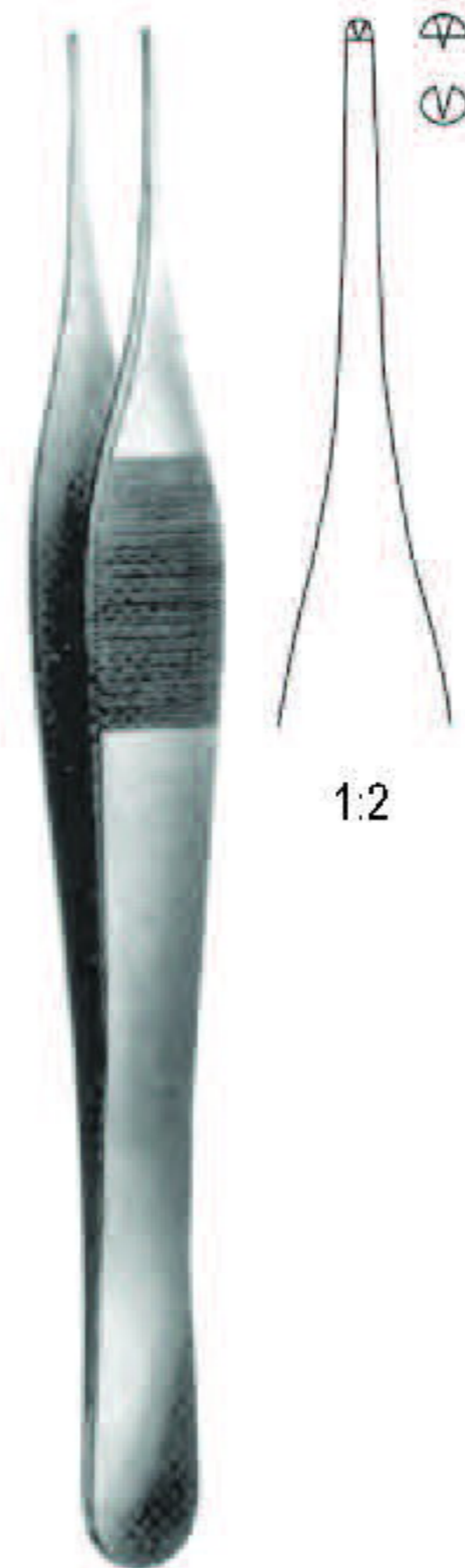
Jeans
05-1237-14 14.5cm
05-1237-17 17.5cm

EN	Tissue Forceps
DE	Chirurgische Pinzetten
ES	Pinzas de diseccion con dientes
FR	Pinces à dissection à griffes
IT	Pinze per dissezione con denti

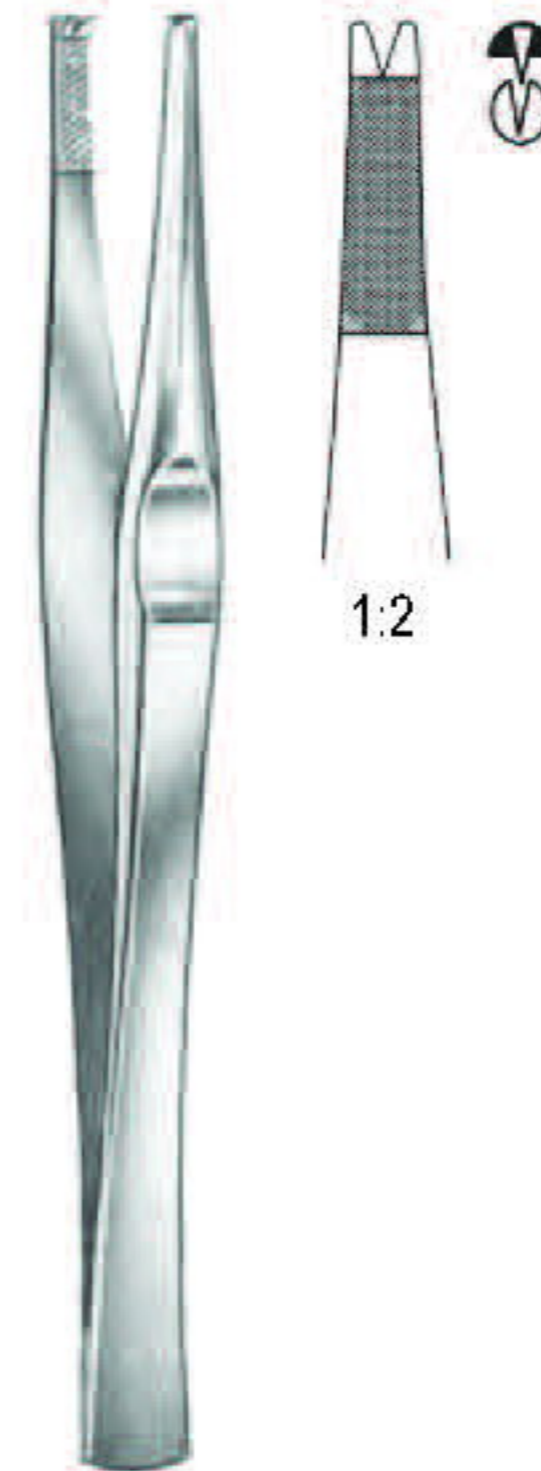
FORCEPS



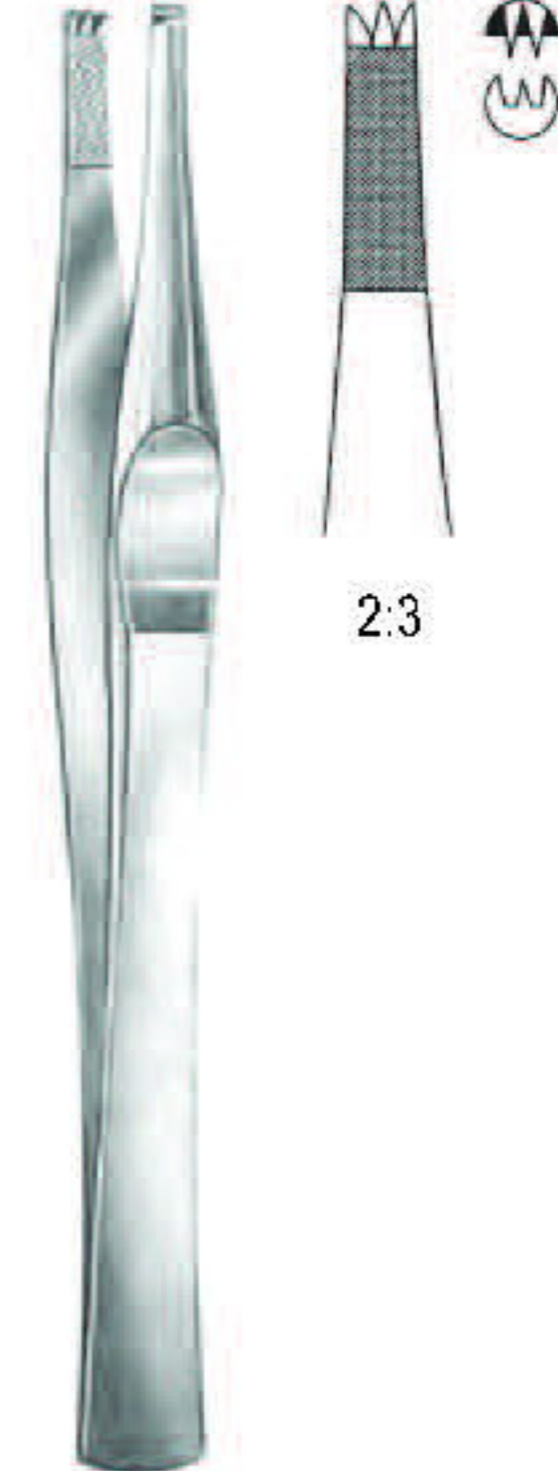
Adson
05-1260-18 18.0cm



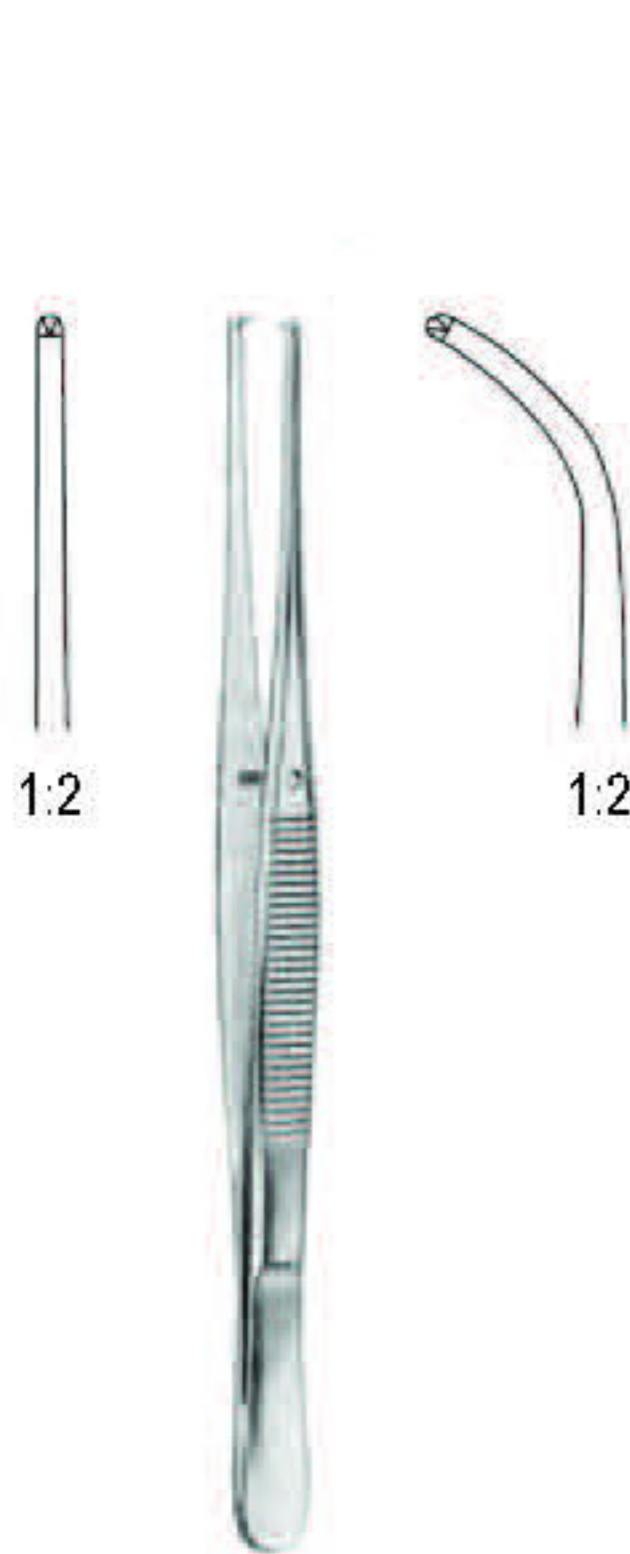
Jefferson
05-1261-18 18.0cm



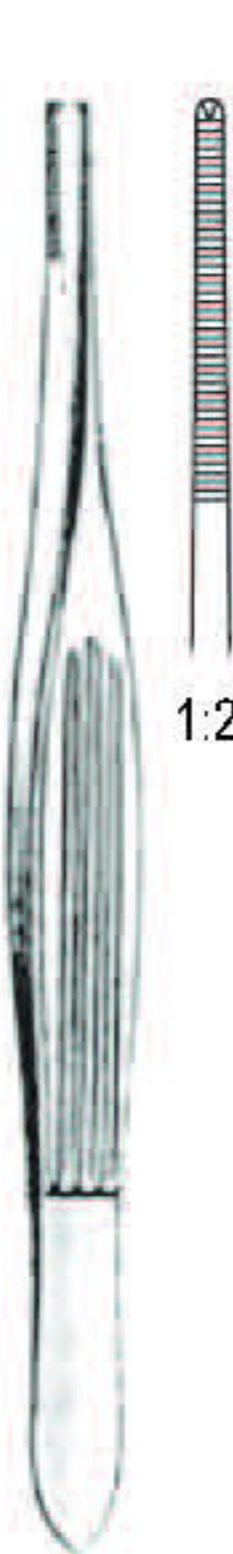
Lanes
05-1262-12 12.5cm
05-1262-15 15.0cm
05-1262-18 18.0cm
05-1262-20 20.0cm



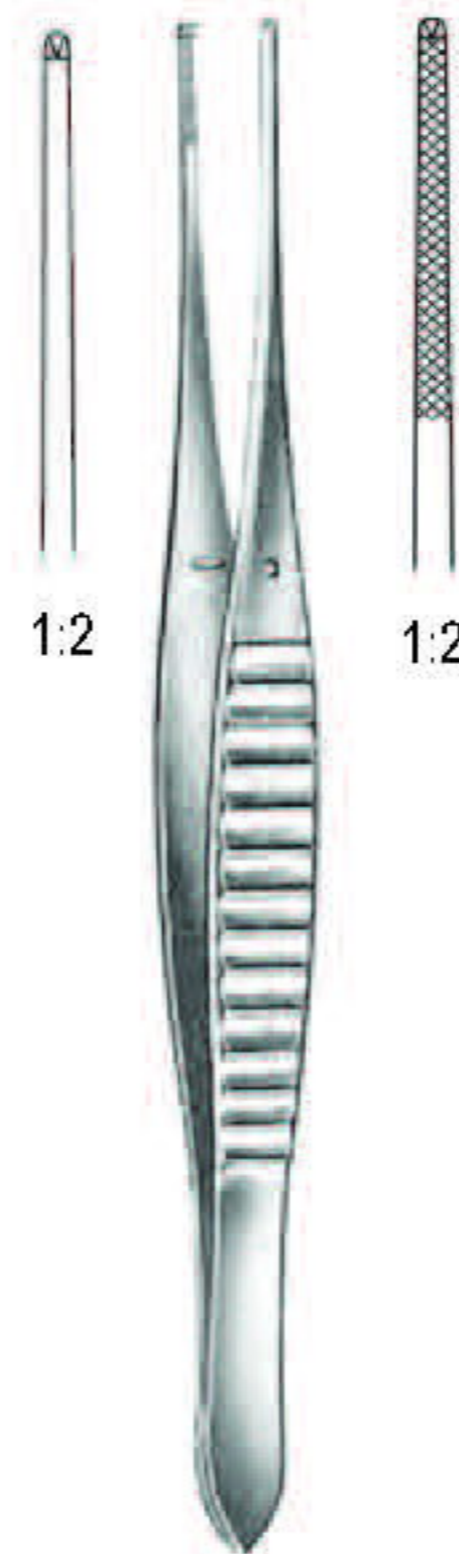
Lanes
05-1263-12 12.5cm
05-1263-15 15.5cm
05-1263-18 18.0cm
05-1263-20 20.0cm



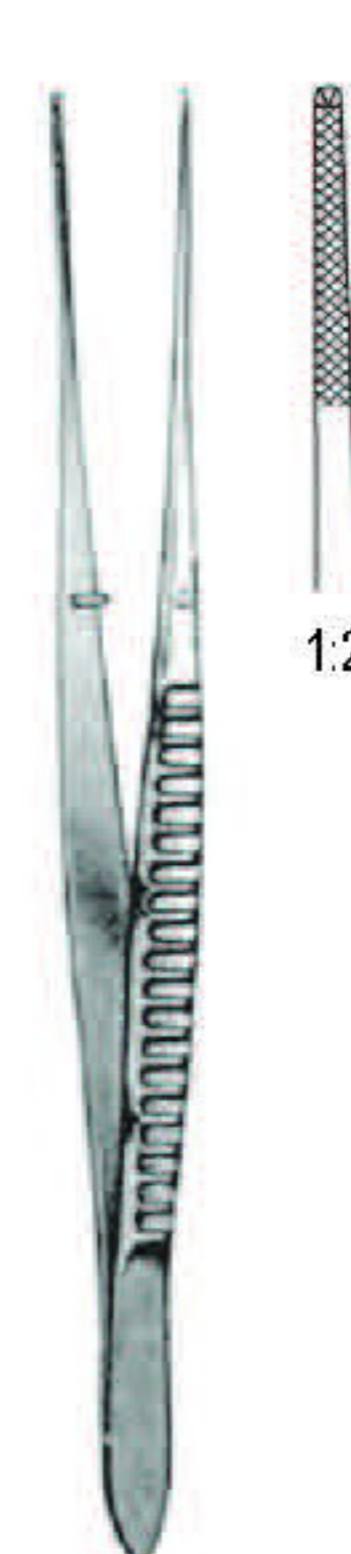
Semken
05-1264-12 12.5cm 05-1265-12 12.5cm
05-1264-15 15.0cm 05-1265-15 15.0cm



McIndoe
05-1266-15 15.0cm



Gillies
05-1267-15 Plain 15.0cm
05-1267-15S Serrated 15.0cm



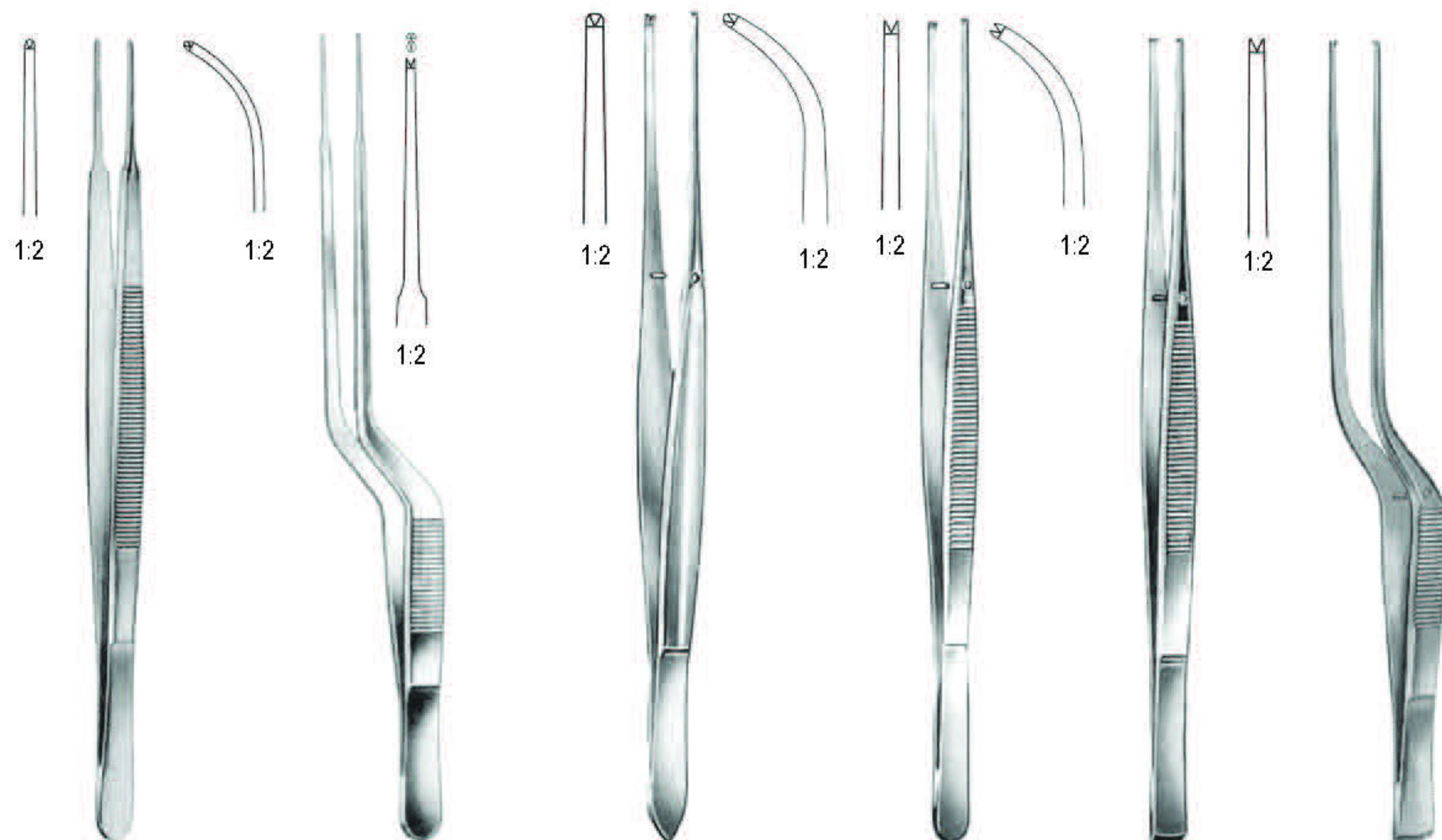
Waugh
05-1268-15 15.0cm
05-1268-18 18.0cm
05-1268-20 20.0cm



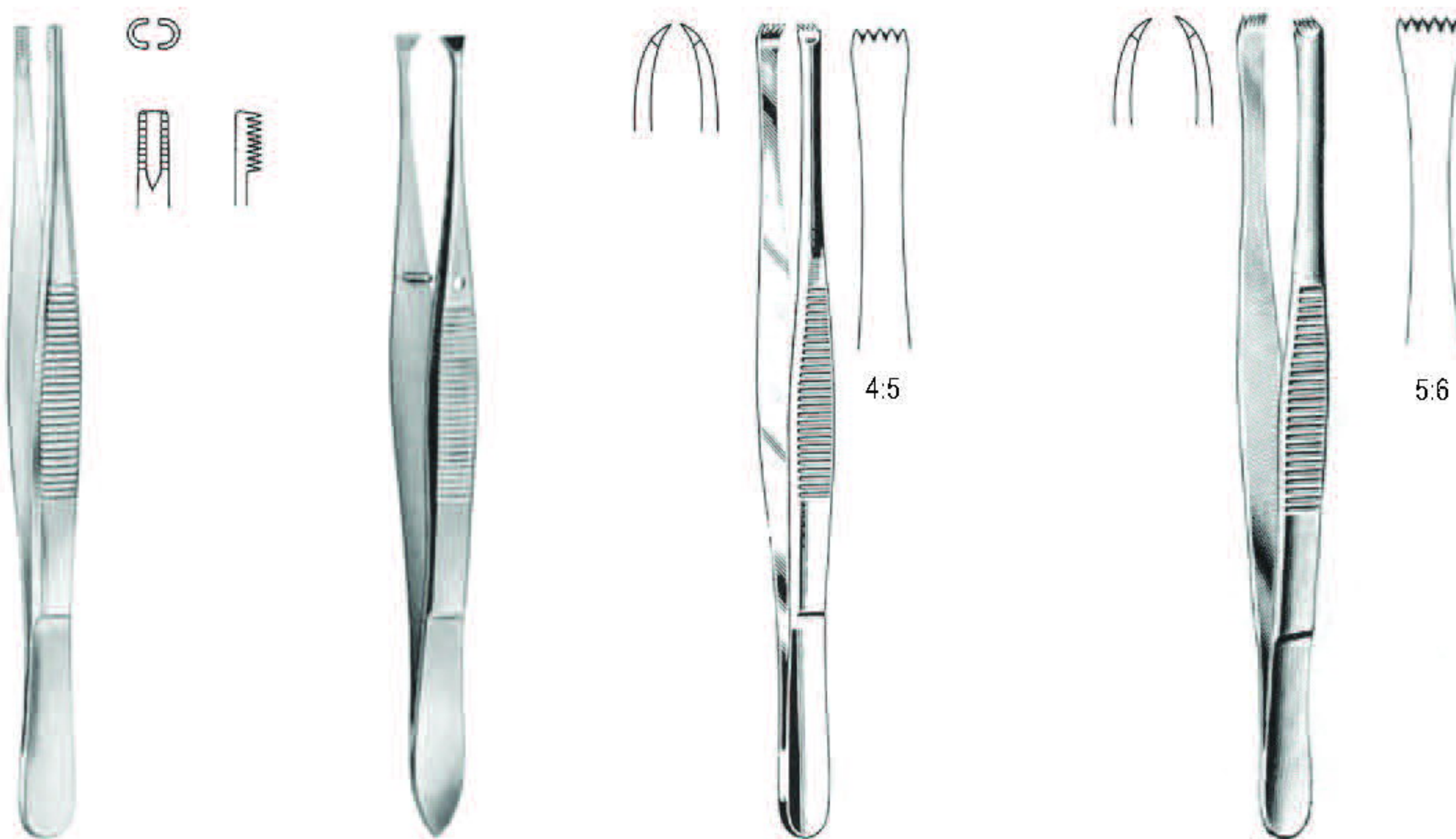
Potts Smith
05-1269-18 18.0cm
05-1269-21 21.0cm
05-1269-25 25.0cm
05-1269-30 30.0cm

Tissue Forceps	EN
Chirurgische Pinzetten	DE
Pinzas de diseccion con dientes	ES
Pinces à dissection à griffes	FR
Pinze per dissezione con denti	IT

FORCEPS

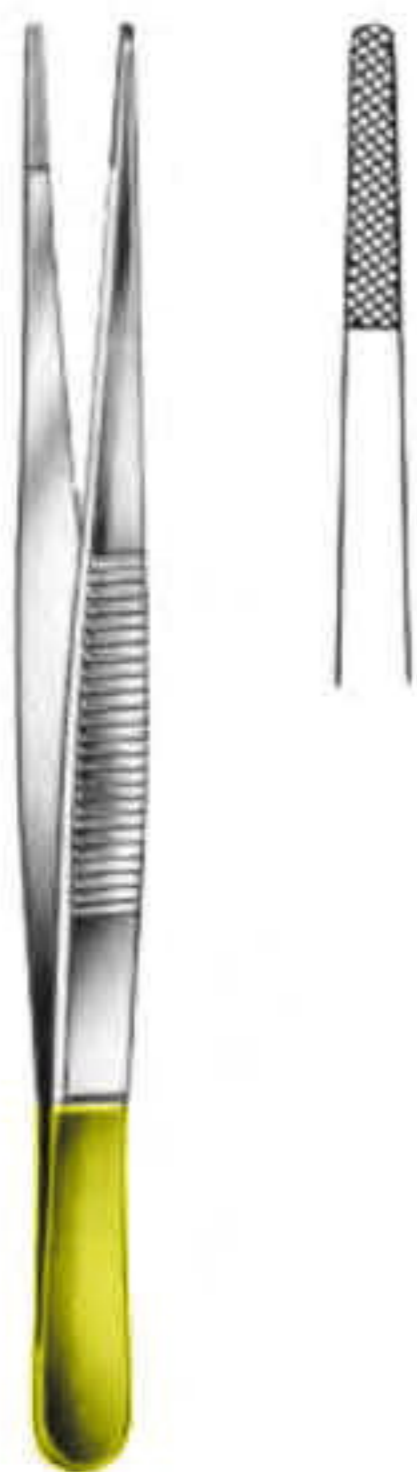


Gerald 05-1270-01 18.0cm 05-1270-02 18.0cm	Gerald 05-1271-18 18.0cm	Cushing 05-1272-01 17.5cm 05-1272-02 17.5cm	Taylor 05-1273-01 17.5cm 05-1273-02 17.5cm	Taylor 05-1274-17 17.5cm	Taylor 05-1275-17 17.5cm
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Brown 05-1276-15 15.0cm 05-1276-20 20.0cm 05-1276-25 25.0cm	Graefe 05-1277-10 10.0cm	Stone 05-1278-15 15.0cm	Lerche 05-1279-15 15.0cm
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TC GOLD



Standard
05-1332-14 14.5cm/5 3/4"
05-1332-16 16cm/6 1/4"
05-1332-18 18cm/7"
05-1332-20 20cm/8"
05-1332-25 25cm/10"



Adson
05-1333-12 12cm/4 3/4"
05-1333-15 15.5cm/6"



McIndoe
05-1334-15
15cm/6"



Semken
05-1335-12 12cm/4 3/4"
05-1335-15 15cm/6"



05-1336-18
18cm/7"



Cushing
05-1337-18
18cm/7"



Cushing-Taylor
05-1338-18
18cm/7"



Grunwald
05-1339-18
18cm/7"

FORCEPS

EN	Grasping Forceps
DE	Faßpinzetten
ES	Pinzas para coger
FR	Forceps Grasping
IT	Pinze

FORCEPS

TC GOLD



Wangensteen
 05-1340-15 15cm/6"
 05-1340-23 13cm/9"
 05-1340-25 25cm/10"



05-1341-15 15cm/6"
 05-1341-18 18cm/7"
 05-1341-20 20cm/8"
 05-1341-23 23cm/9"
 05-1341-25 25cm/10"



Oehler
 1:2
 05-1342-14 14.5cm/5 1/2"
 05-1342-16 16cm/6 1/4"
 05-1342-18 18cm/7"
 05-1342-20 20cm/8"
 05-1342-25 25cm/10"
 05-1342-30 30cm/12"



Micro-Adson
 05-1343-12 12cm/4 3/4"
 05-1343-15 15.5cm/6"



Standard-Adson
 05-1344-12 12cm/4 3/4"
 05-1344-15 15.5cm/6"



Adson-Brown
 05-1345-12
 12cm/4 3/4"



Gillies
 05-1346-15
 15 cm/6"

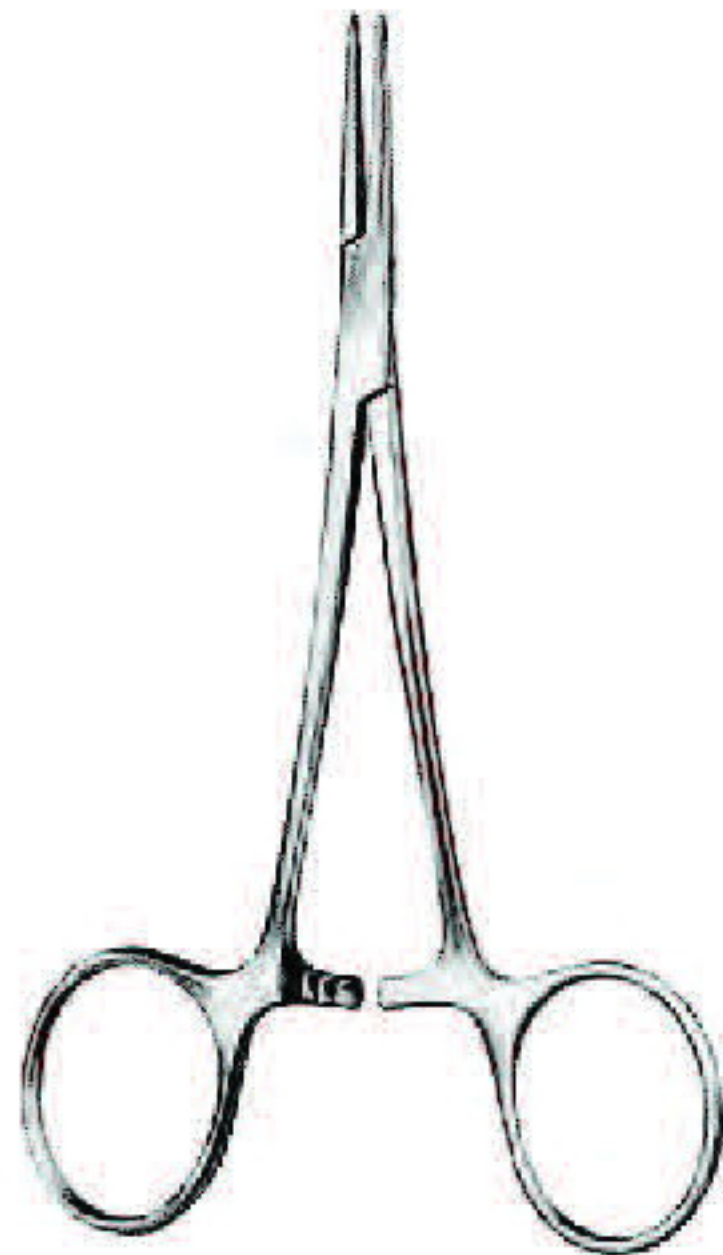
- EN** Artery Forceps
- DE** Arterienklemmen
- ES** Pinzas hemostáticas
- FR** Forceps de l'artère
- IT** Arteria Forcipe

Page 55 to 70

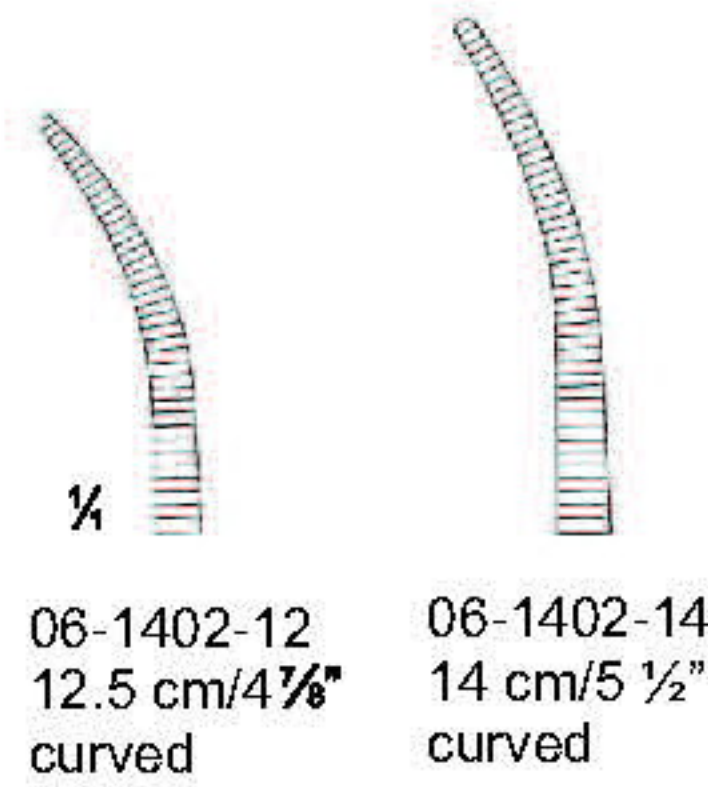
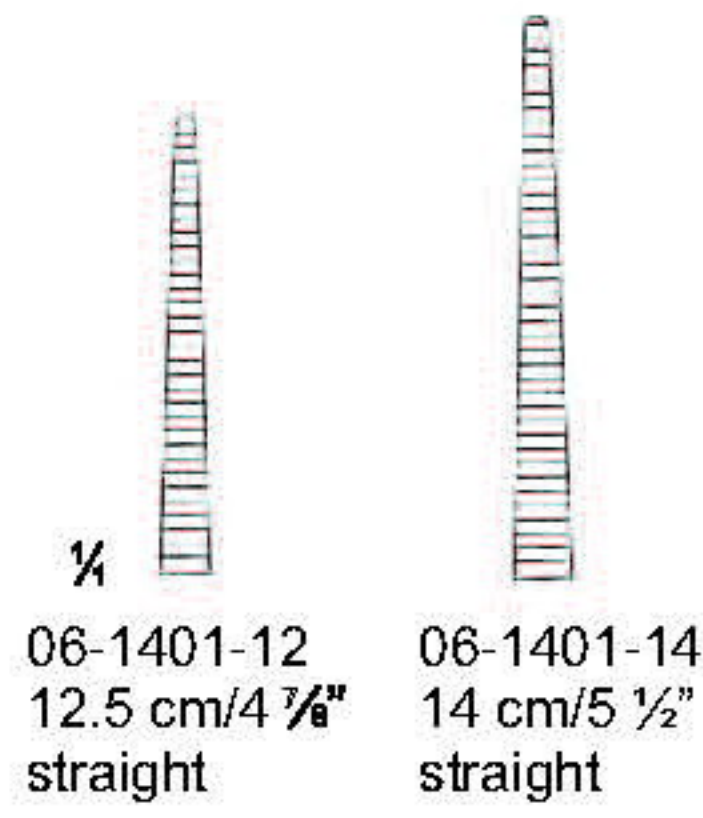


EN	Haemostatic Forceps
DE	Arterienklemmen
ES	Pinzas hemostáticas
FR	Pinces hémostatiques
IT	Pinza emostatica

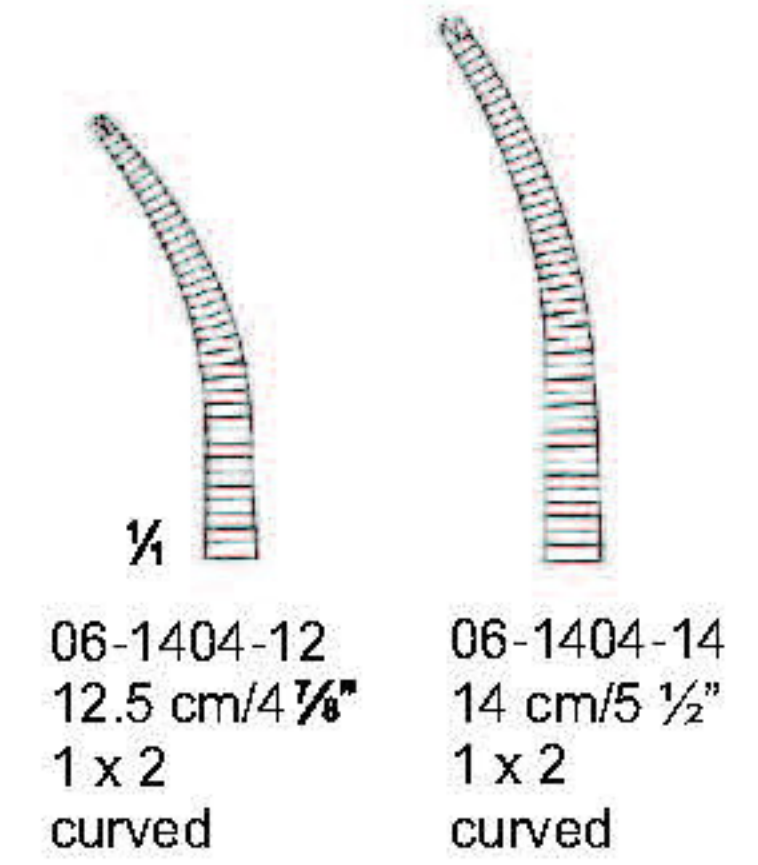
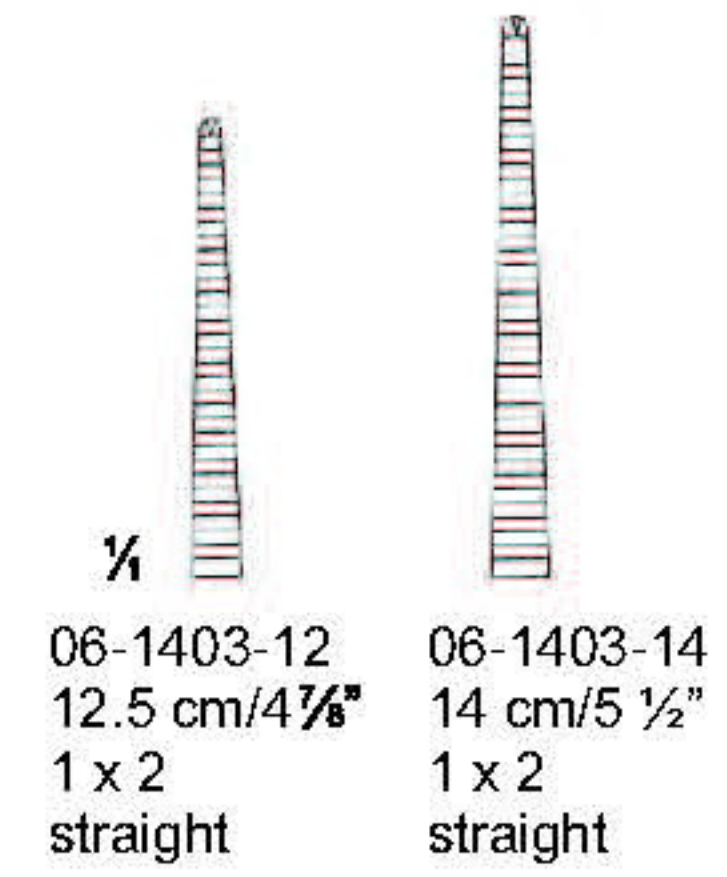
ARTERY FORCEPS



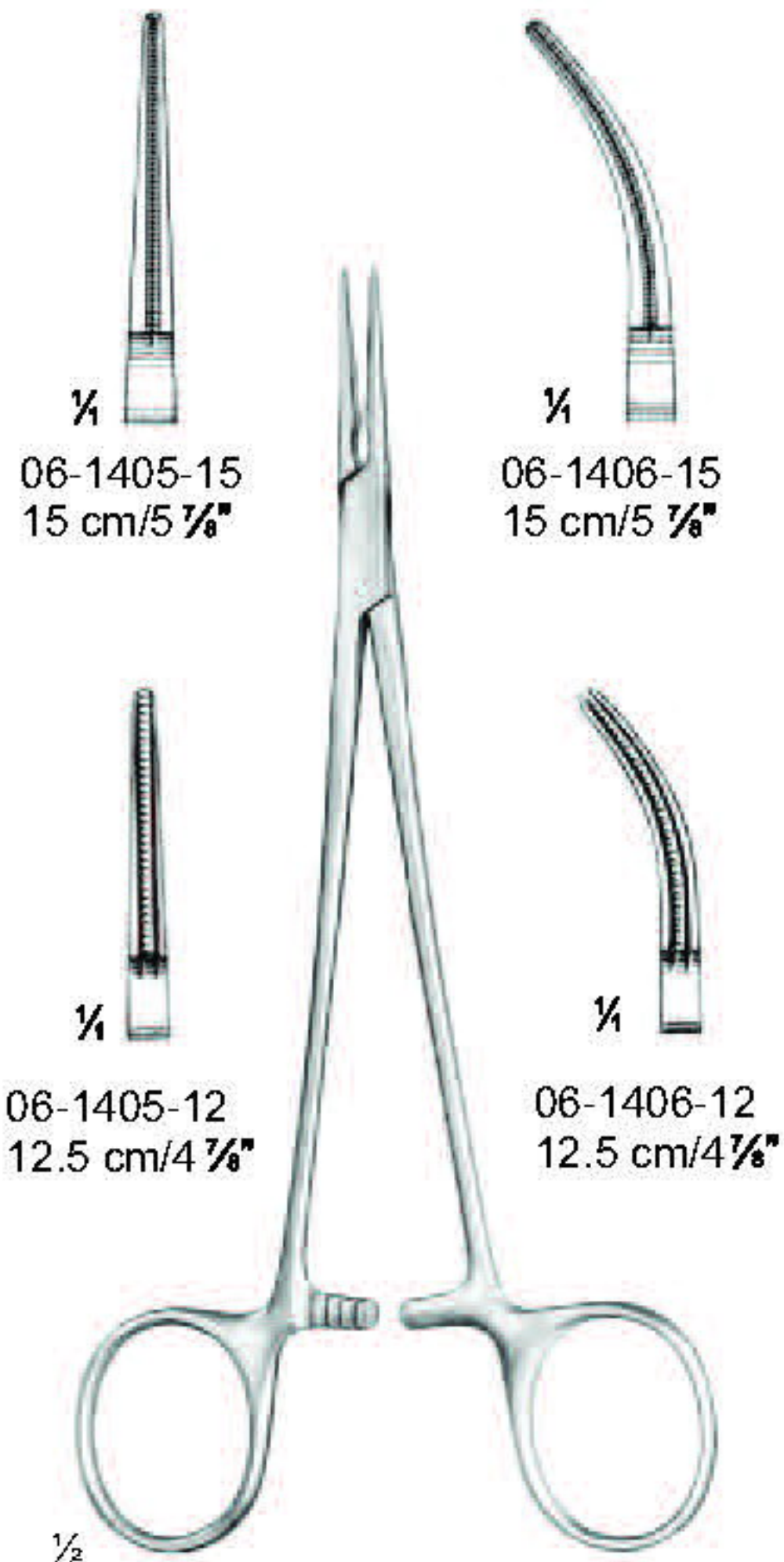
HALSTED-MOSQUITO



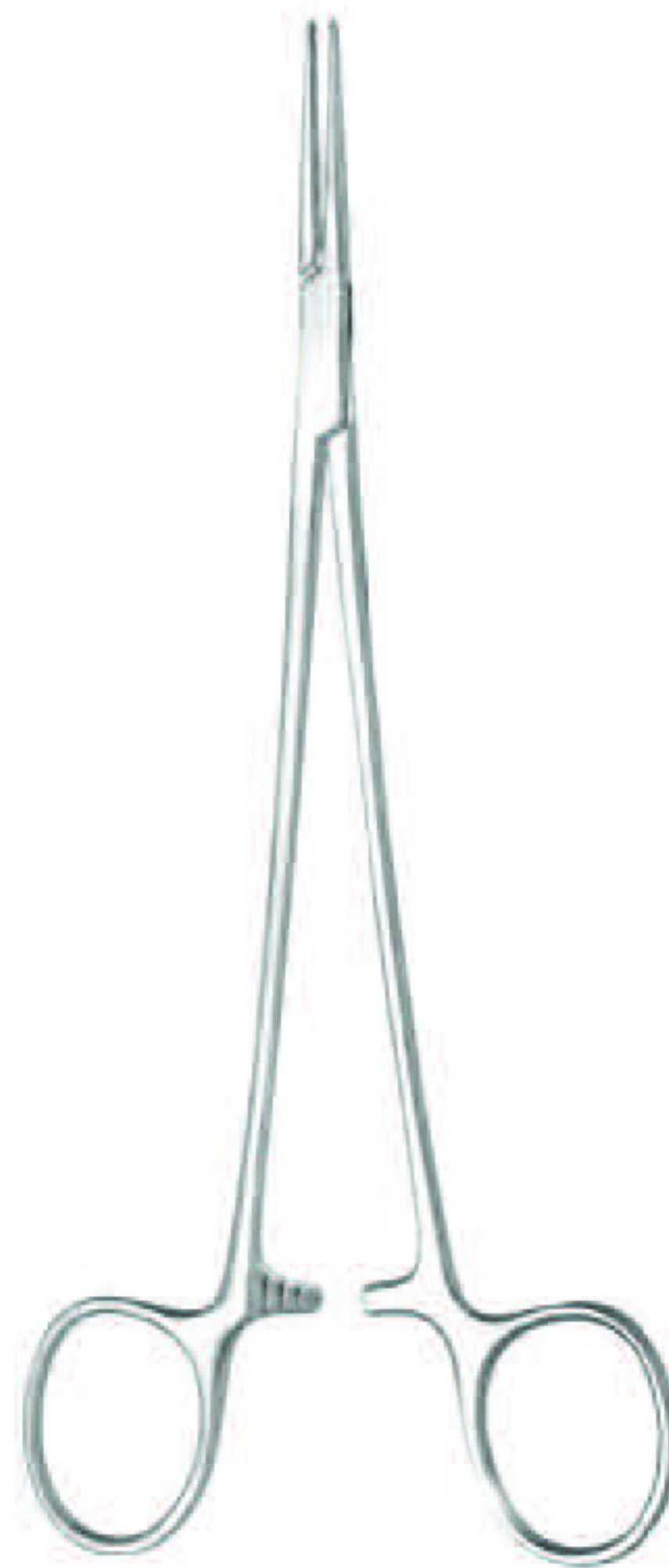
HALSTED-MOSQUITO



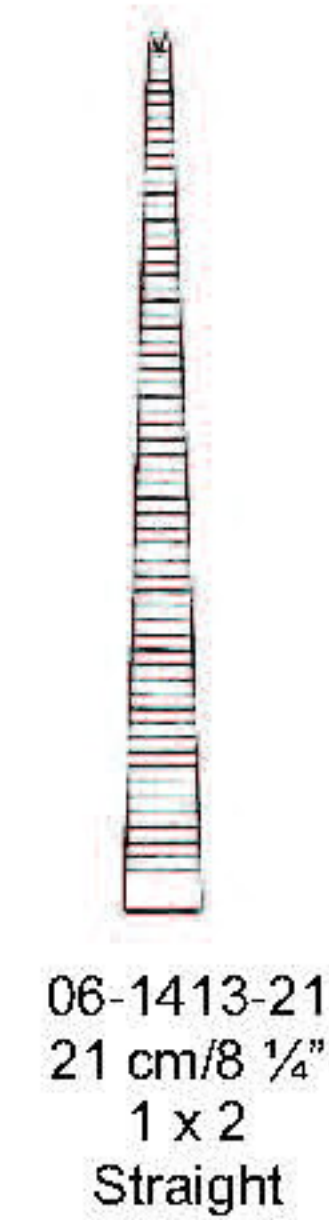
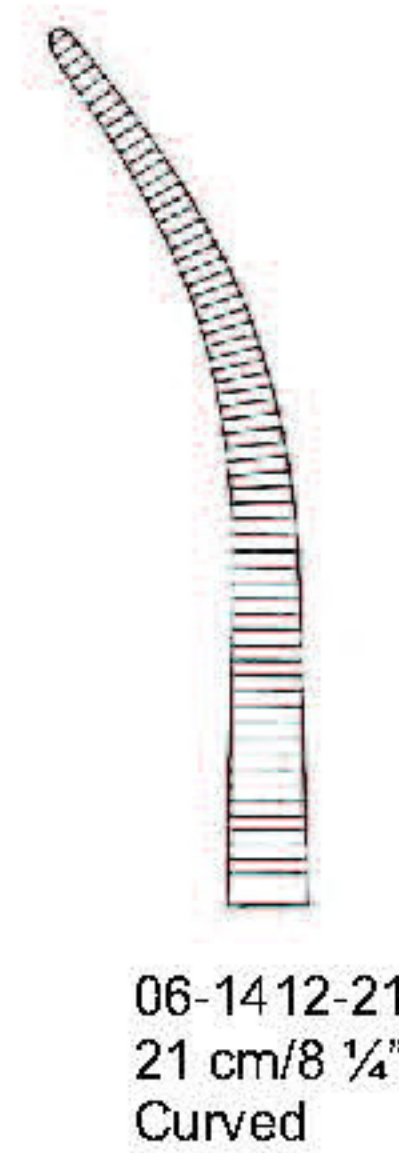
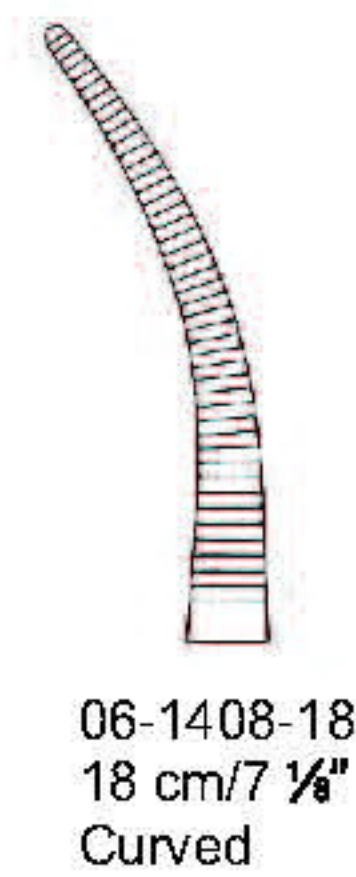
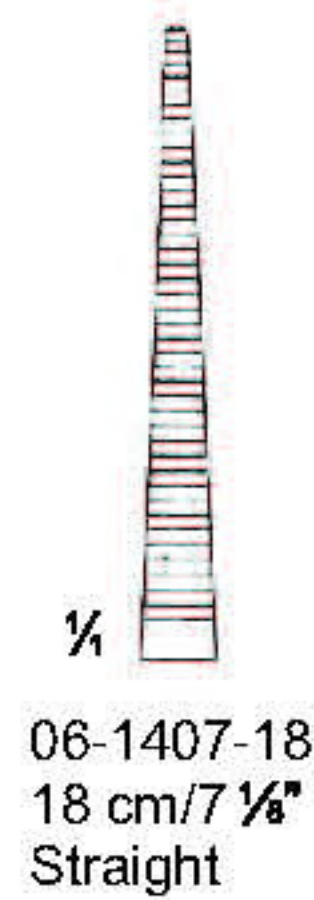
ATRAUMA

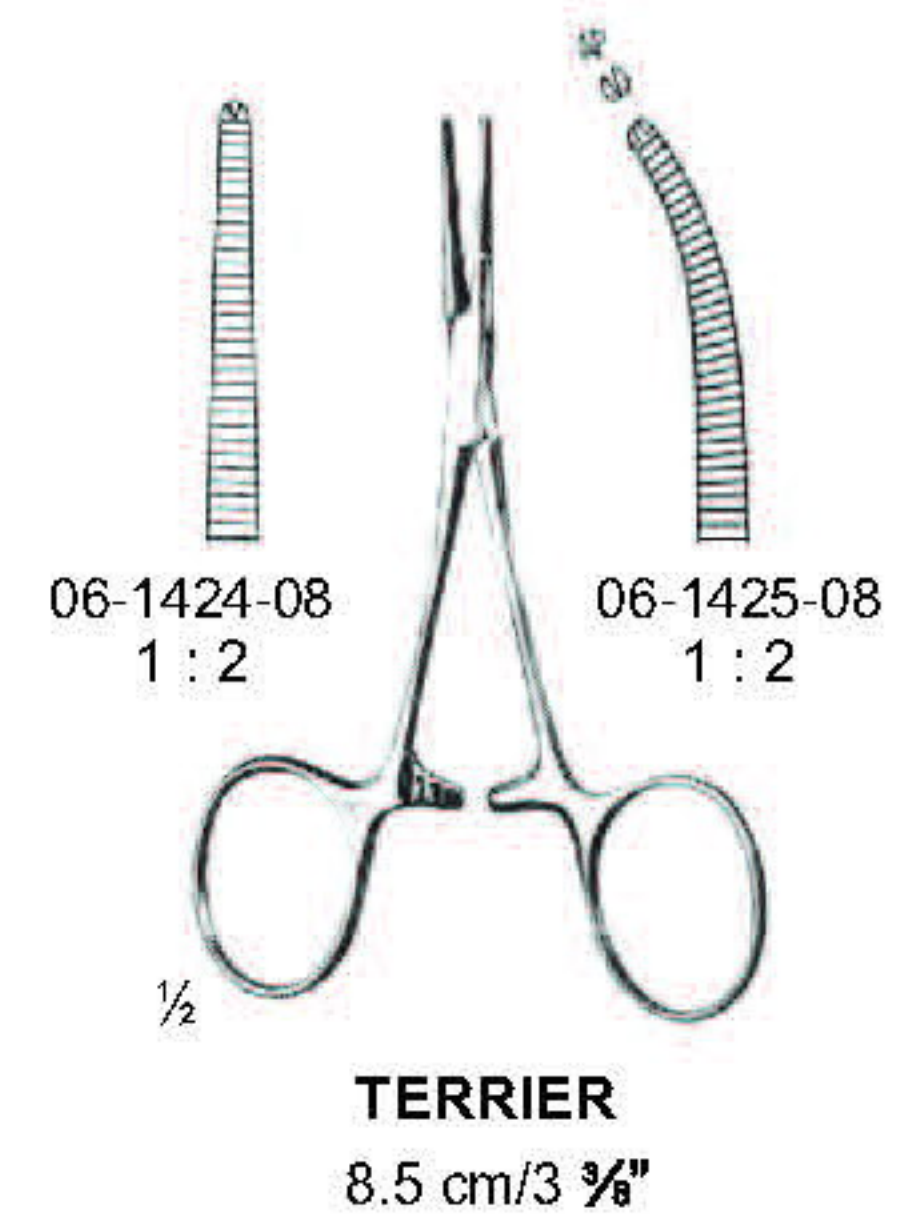
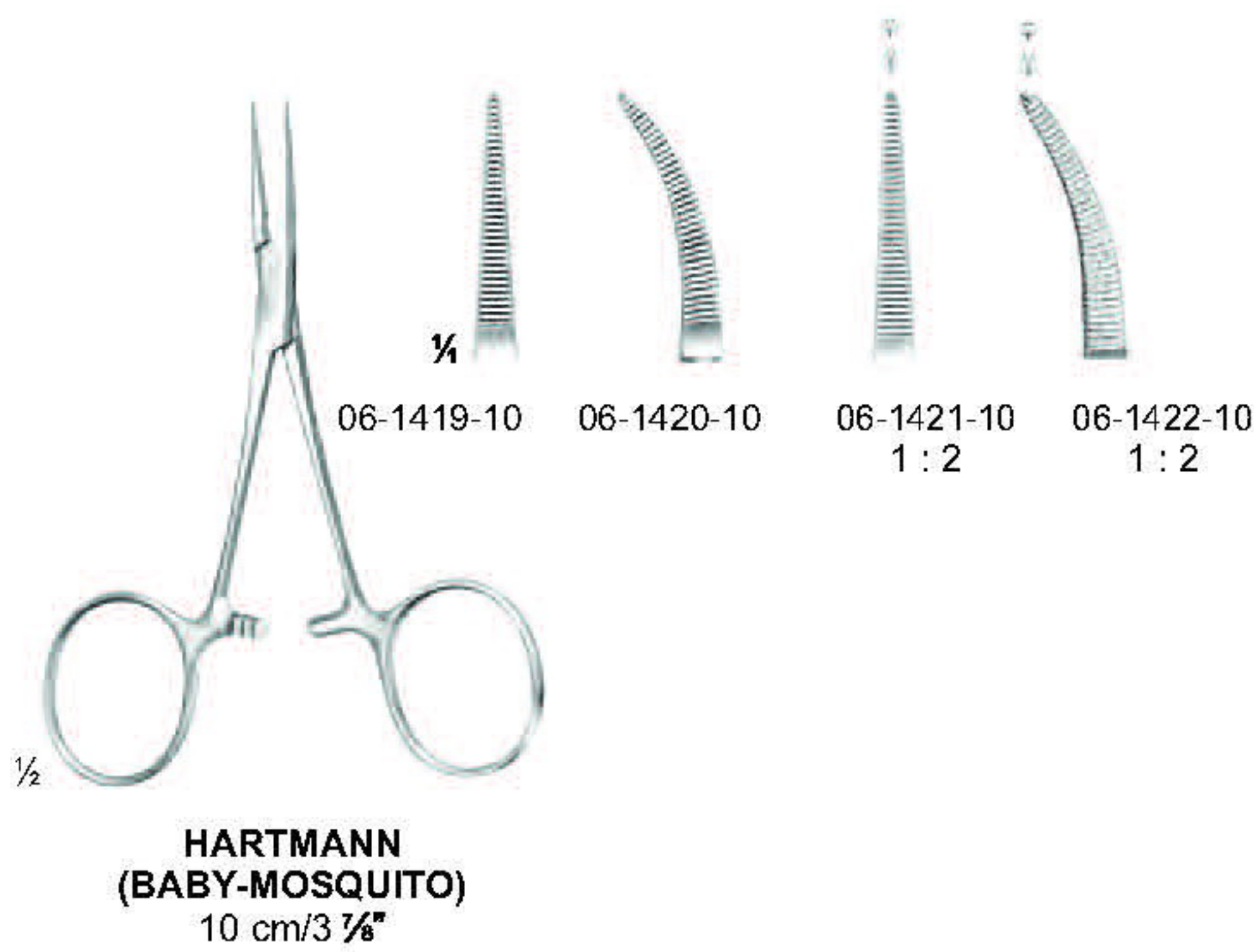
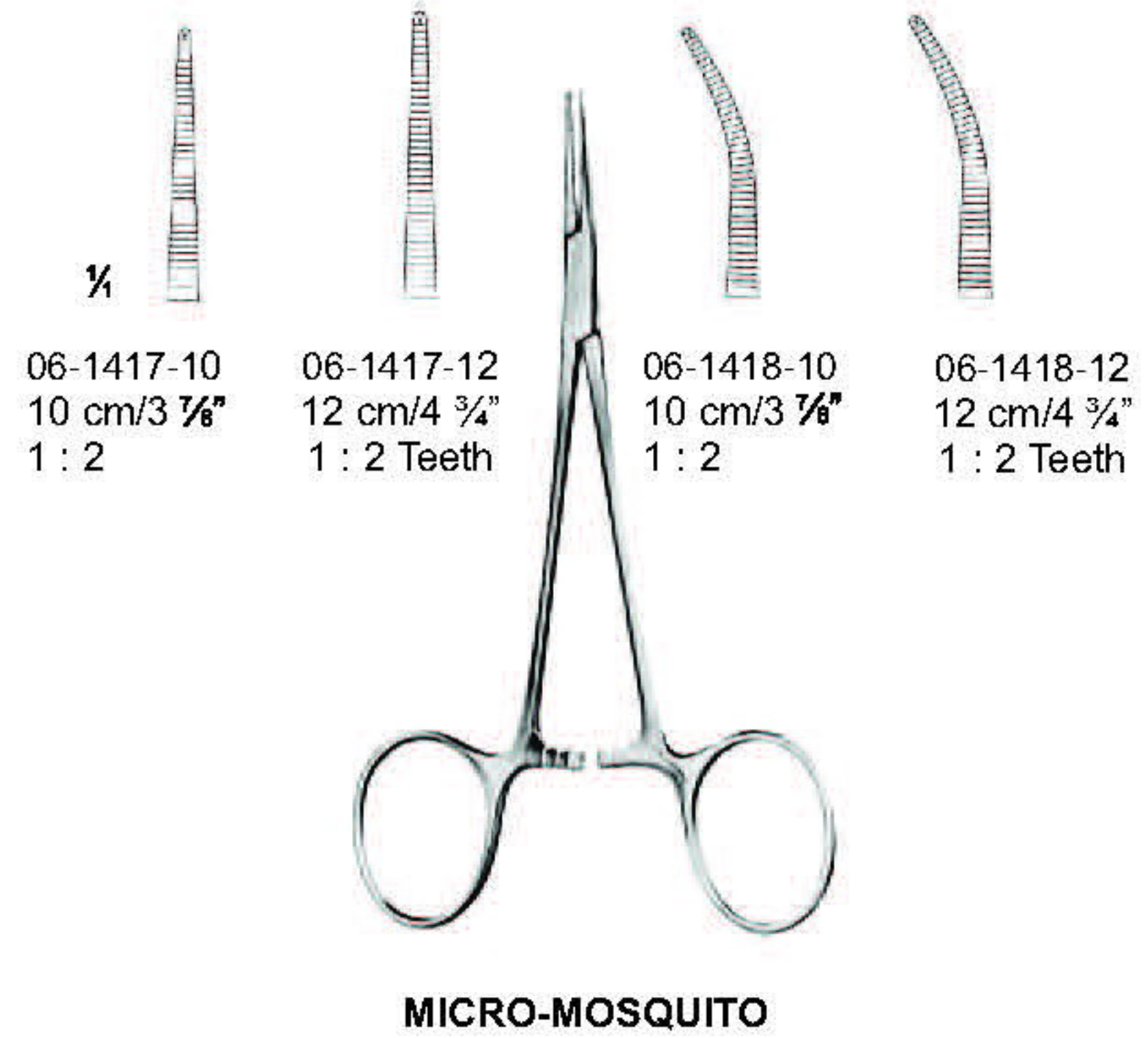
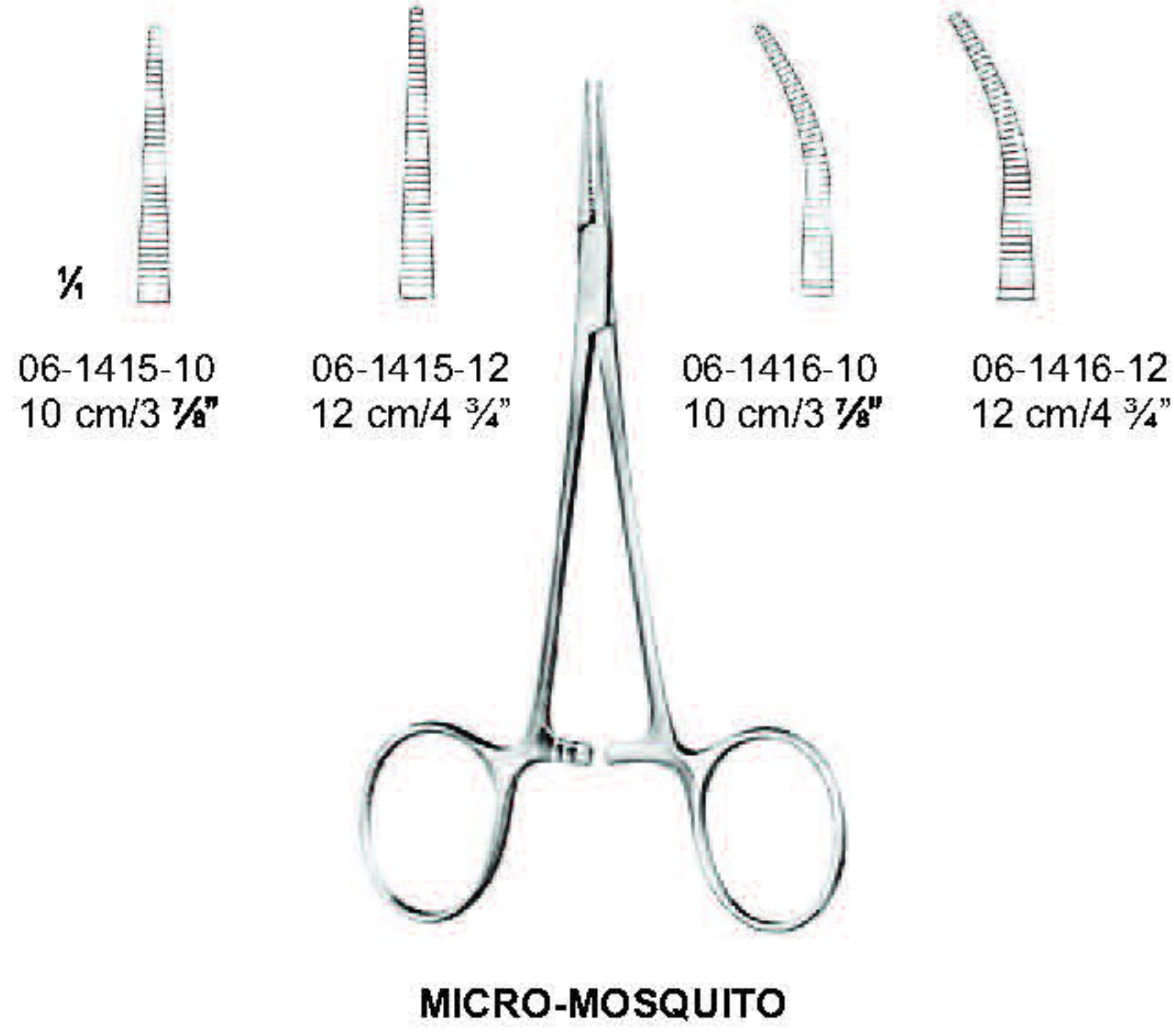


DEBAKEY-MOSQUITO



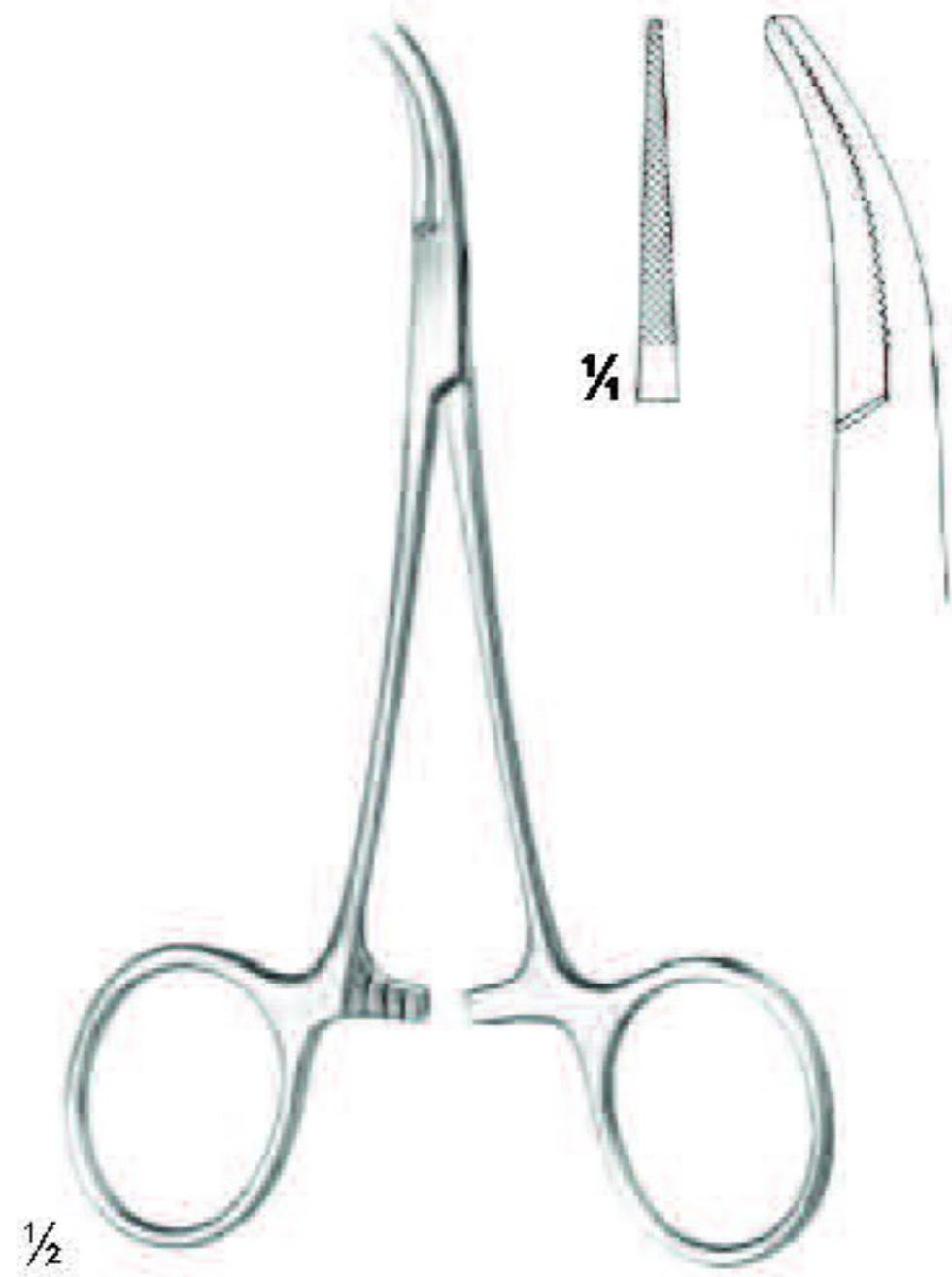
HALSTED-MOSQUITO





EN	Haemostatic Forceps
DE	Arterienklemmen
ES	Pinzas hemostáticas
FR	Pinces hémostatiques
IT	Pinza emostatica

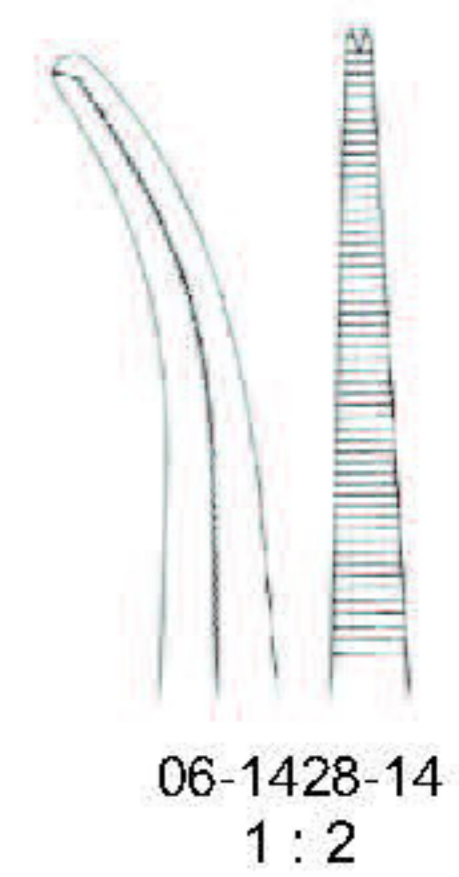
ARTERY FORCEPS



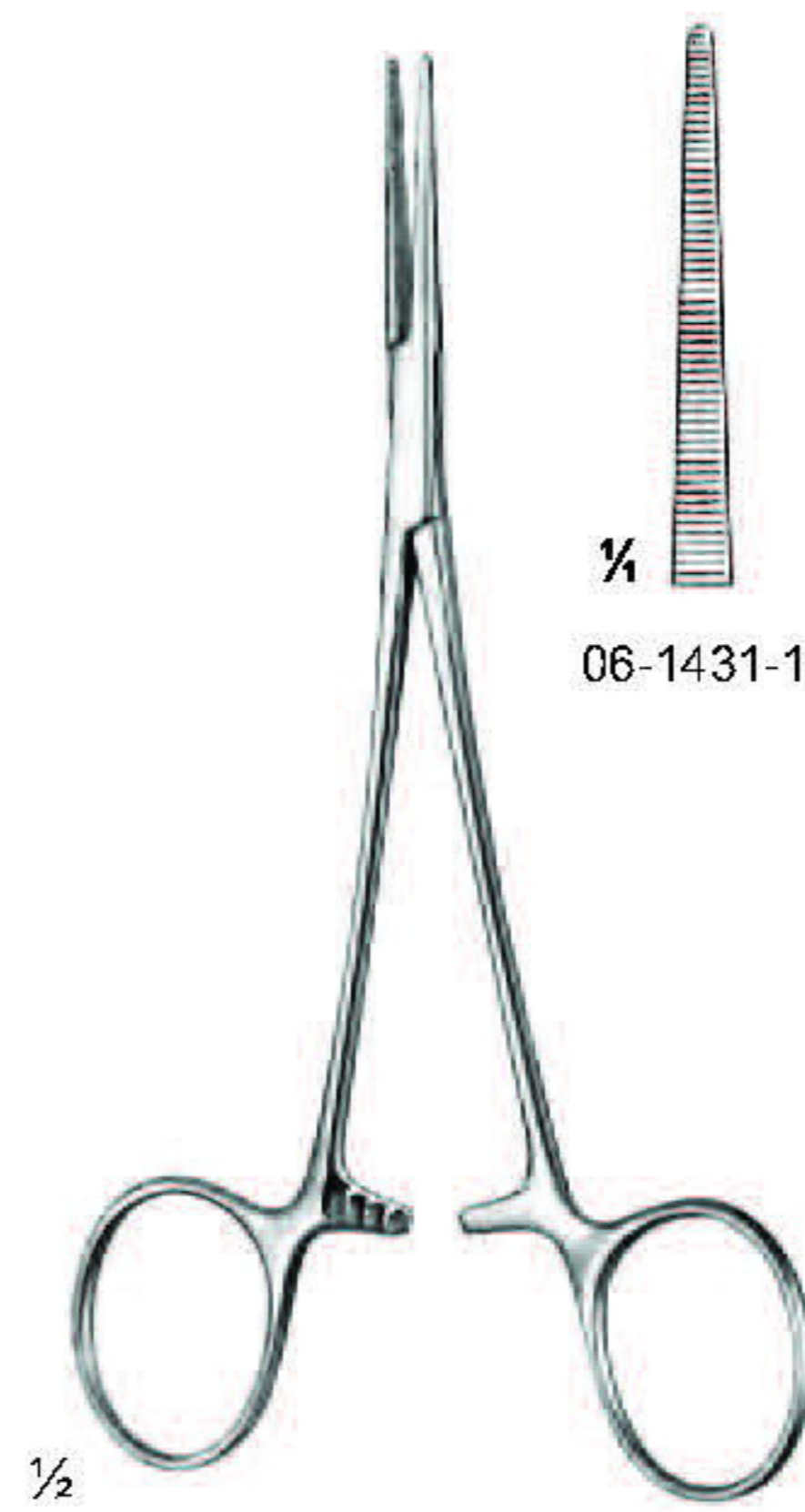
MOSQUITO-DANDY
06-1426-12
12 cm/4 3/4"



DANDY
14 cm/5 1/2"

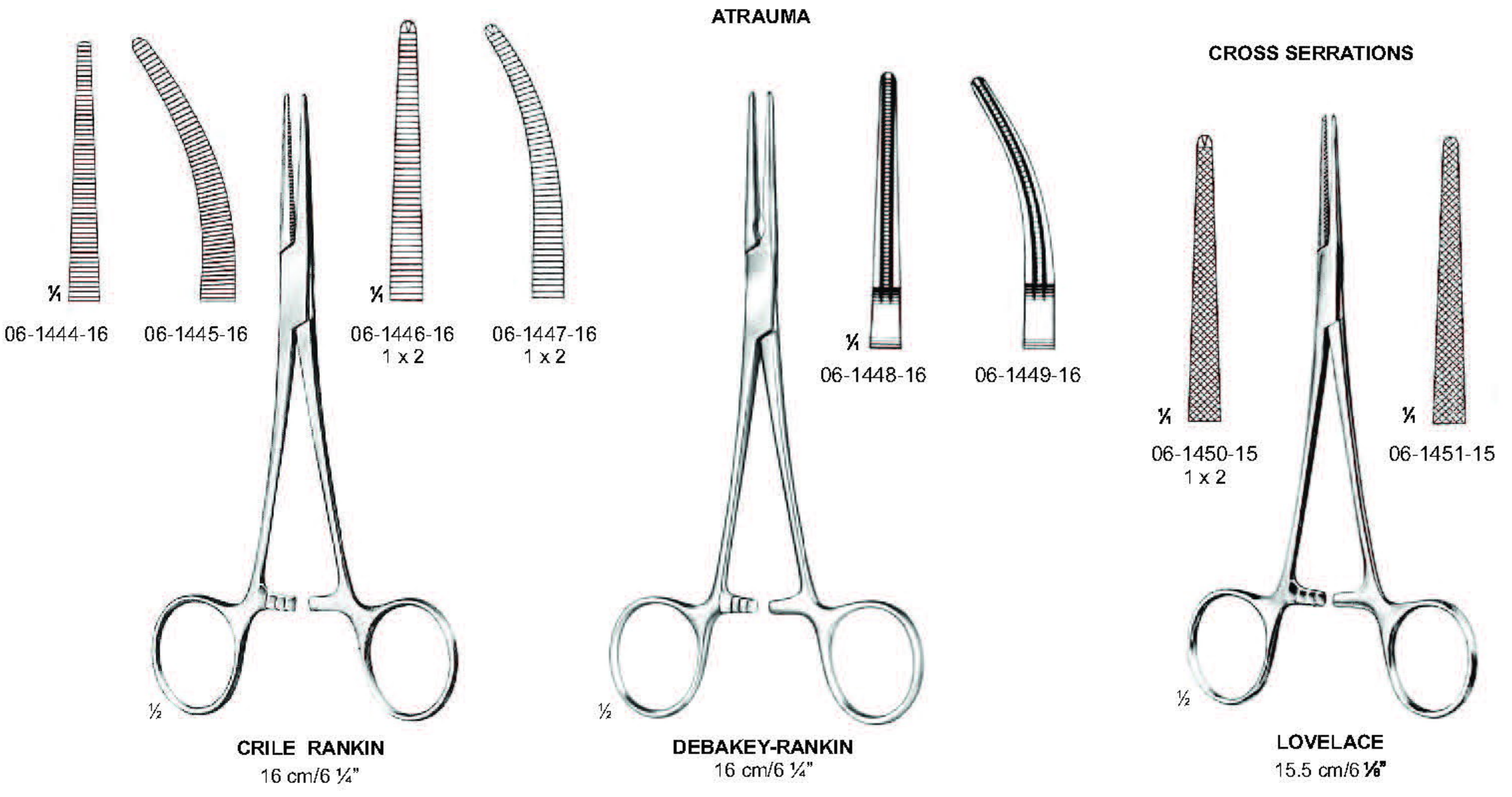
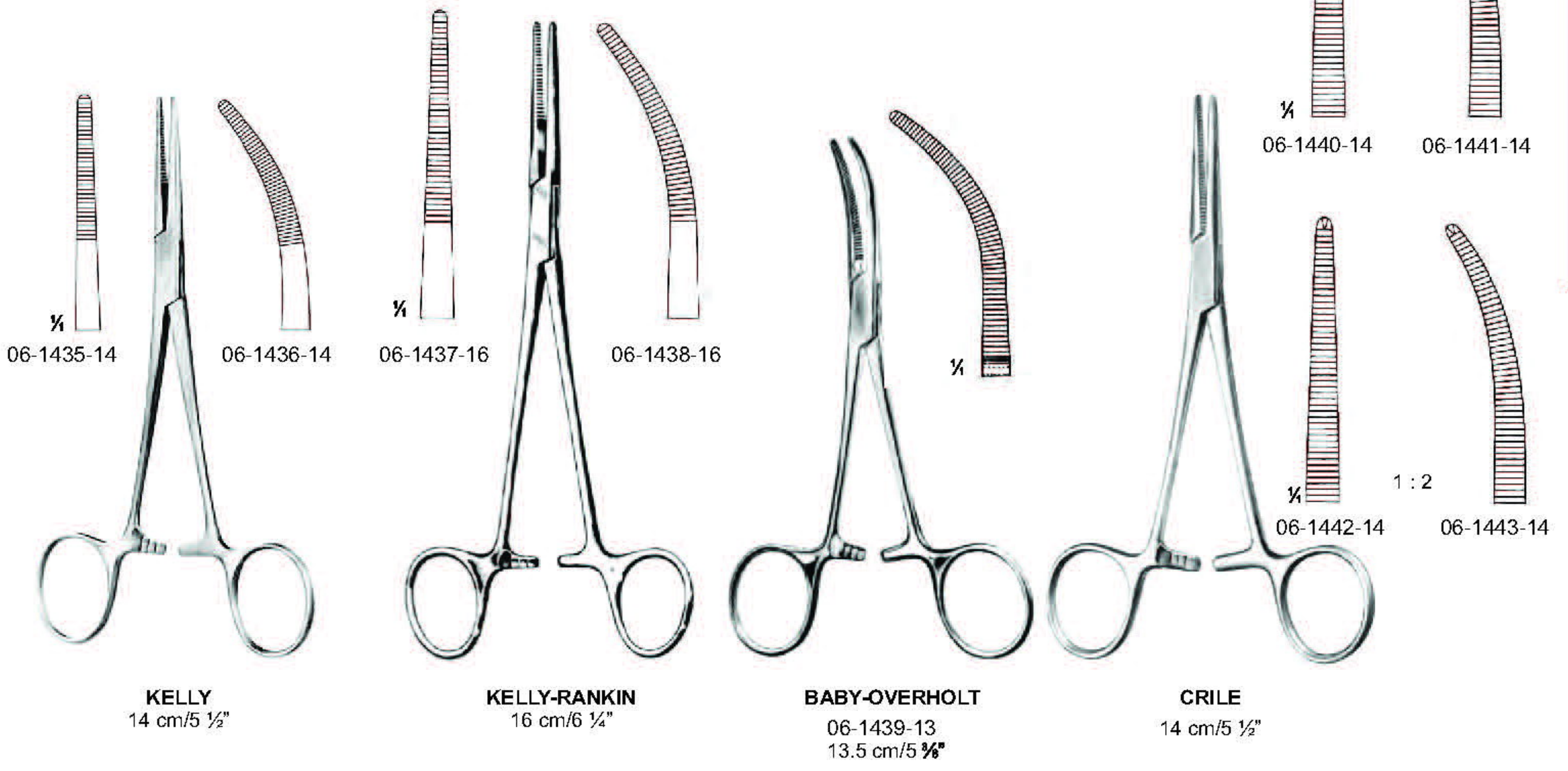


PROVIDENCE-HOSPITAL
14 cm/5 1/2"



LERICHE
15 cm/5 7/8"





ARTERY FORCEPS



SPENCER-WELLS/JONES



06-1452-13
13 cm/5 1/8"



06-1452-14
14.5 cm/5 3/4"



06-1452-15
15.5 cm/6 1/8"



06-1452-18
18.5 cm/7 1/4"



06-1452-20
20 cm/7 7/8"



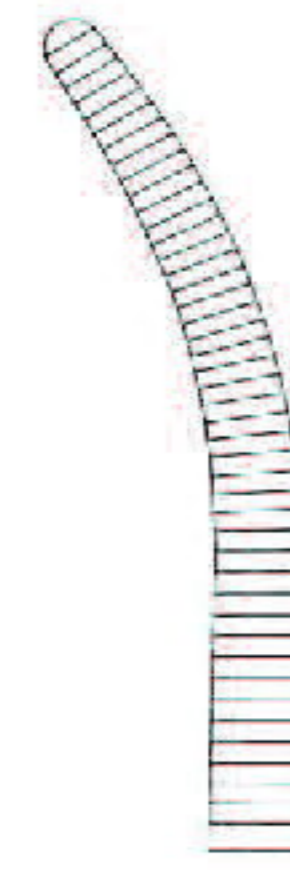
06-1453-13
13 cm/5 1/8"



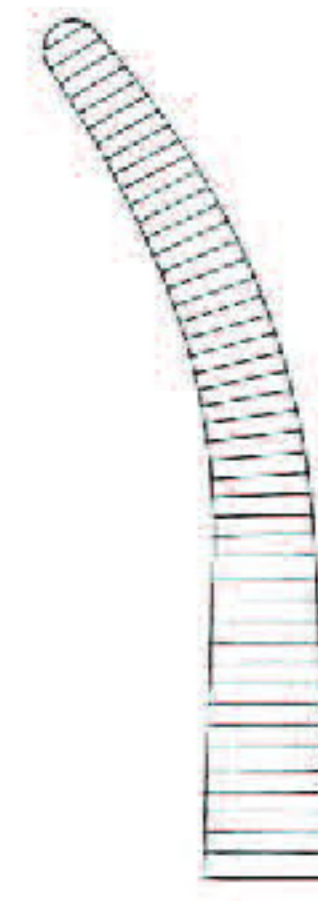
06-1453-14
14 cm/5 1/2"



06-1453-15
15 cm/5 7/8"



06-1453-18
18 cm/7 1/8"



06-1453-20
20 cm/7 7/8"



06-1454-13
13.5 cm/5 3/8"



06-1454-14
14.5 cm/5 3/4"



06-1454-17
17 cm/6 3/4"



06-1455-13
13 cm/5 1/8"



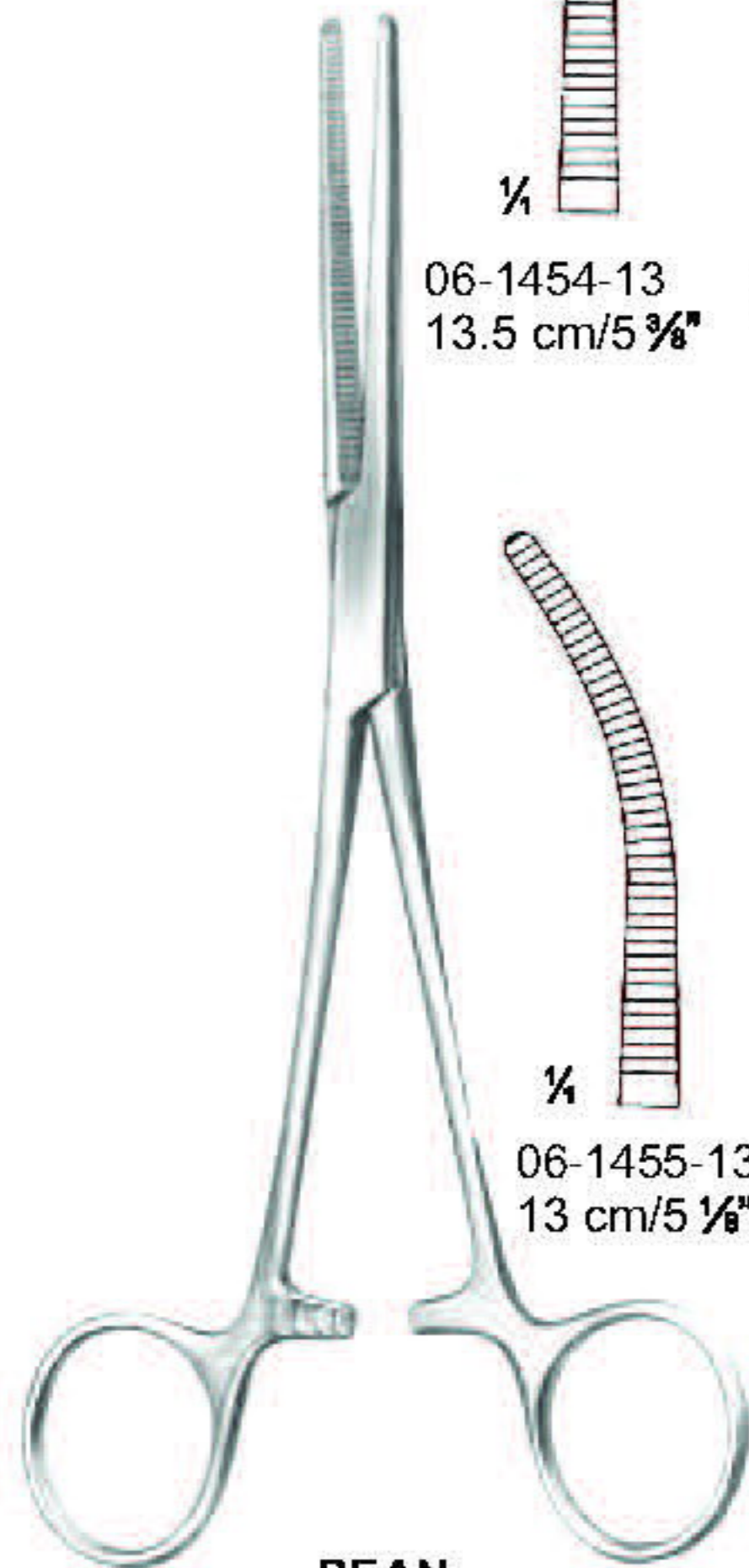
06-1455-14
14 cm/5 1/2"



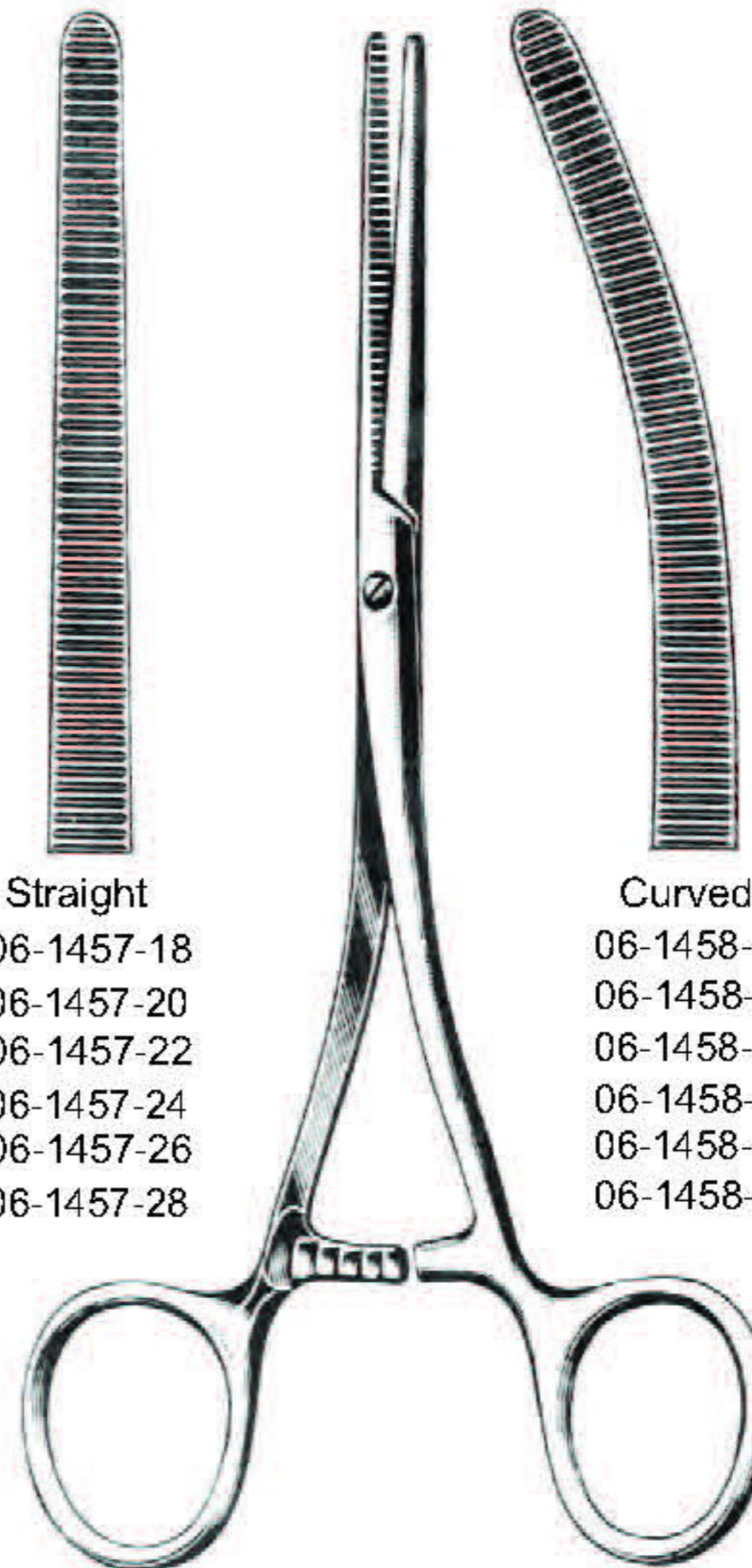
06-1455-16
16.5 cm/6 1/2"

Cm	In	Straight
18	7 1/8"	06-1457-18
20	7 7/8"	06-1457-20
22	8 1/2"	06-1457-22
24	9 1/2"	06-1457-24
26	10 1/4"	06-1457-26
28	11"	06-1457-28

Curved
06-1458-18
06-1458-20
06-1458-22
06-1458-24
06-1458-26
06-1458-28



PEAN
DELICATE PATTERN



PEAN



06-1459-18
1 x 2

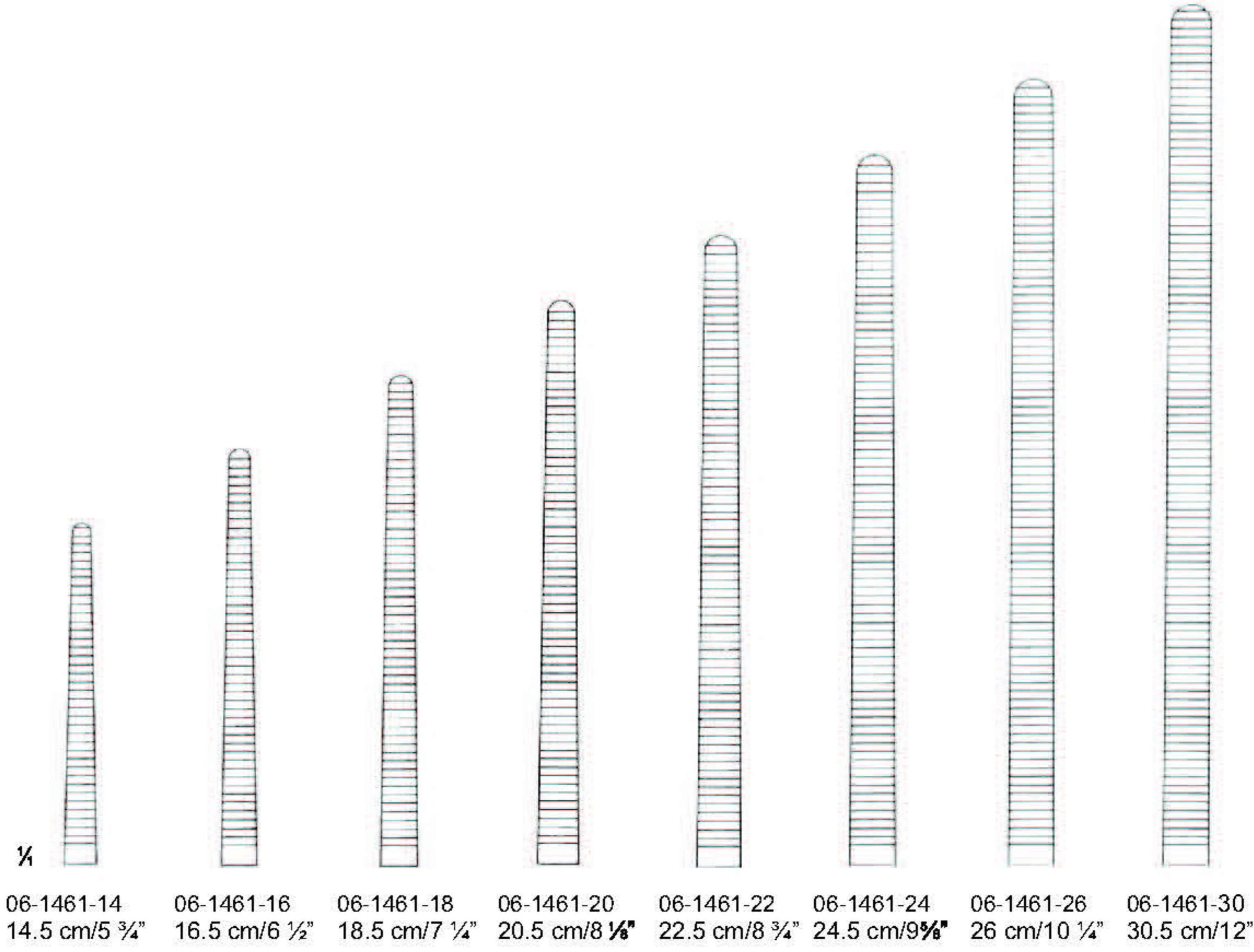


06-1460-18
1 x 2

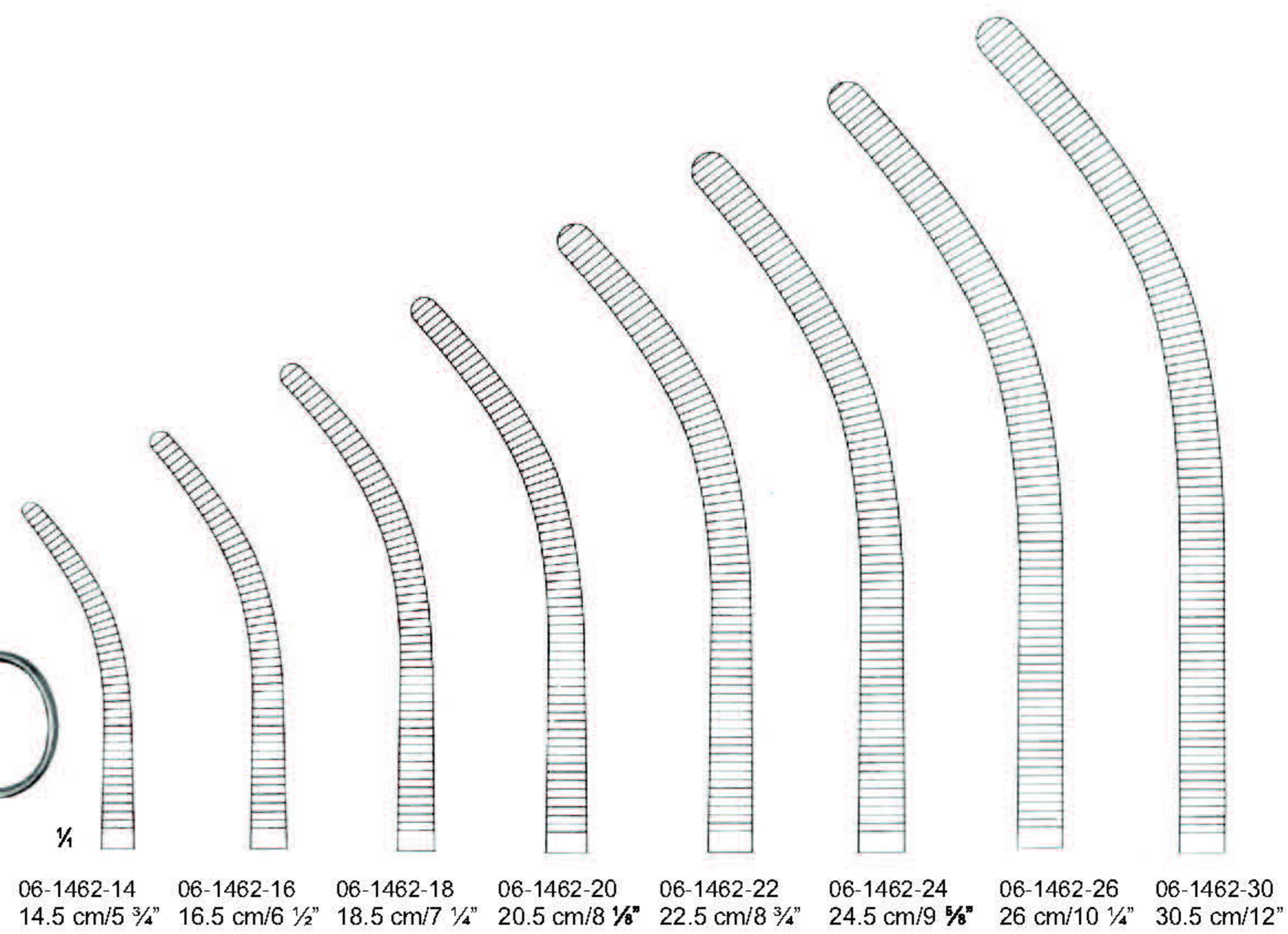


ADSON
18.5 cm/7 1/4"

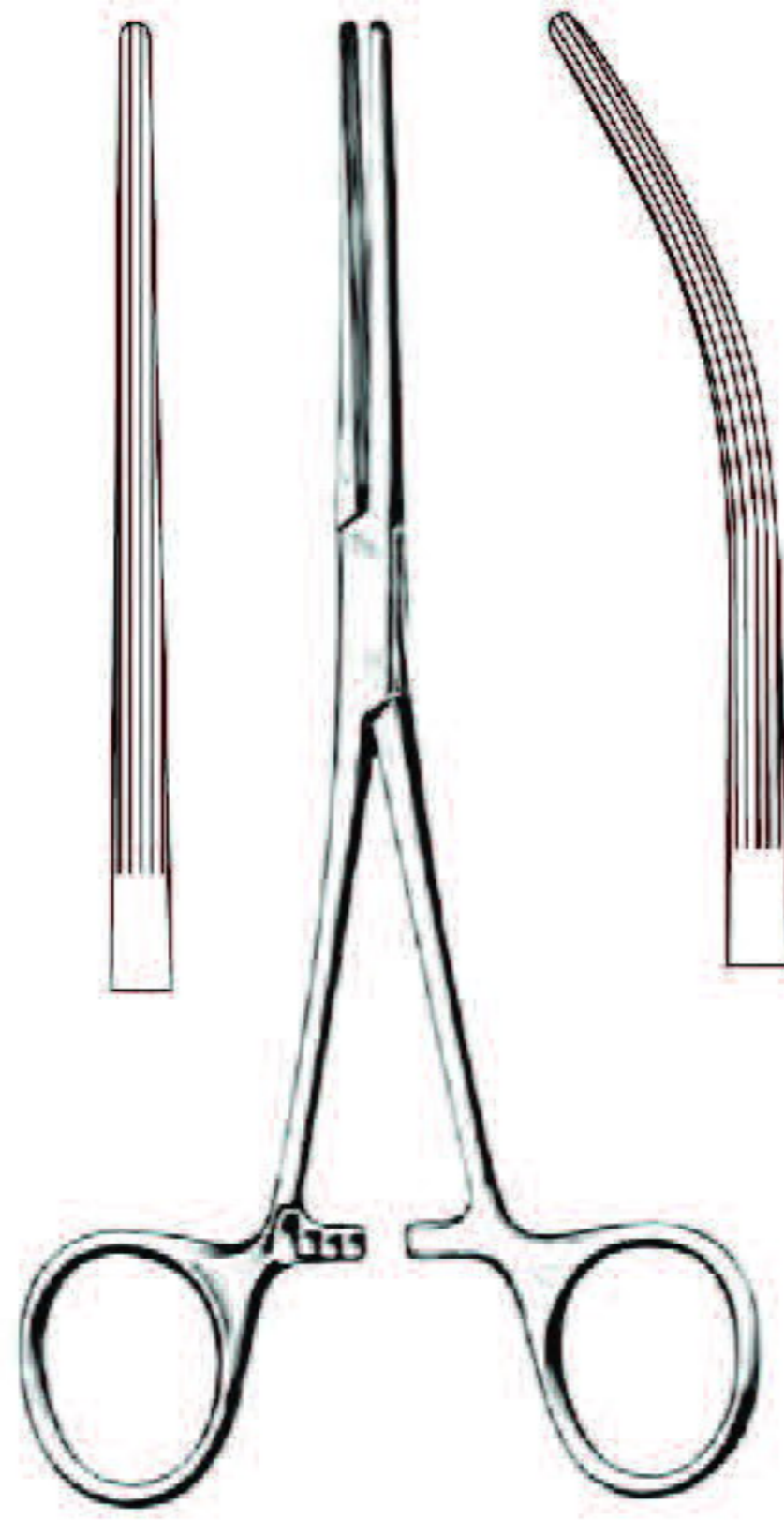
ARTERY FORCEPS



ROCHESTER-PEAN

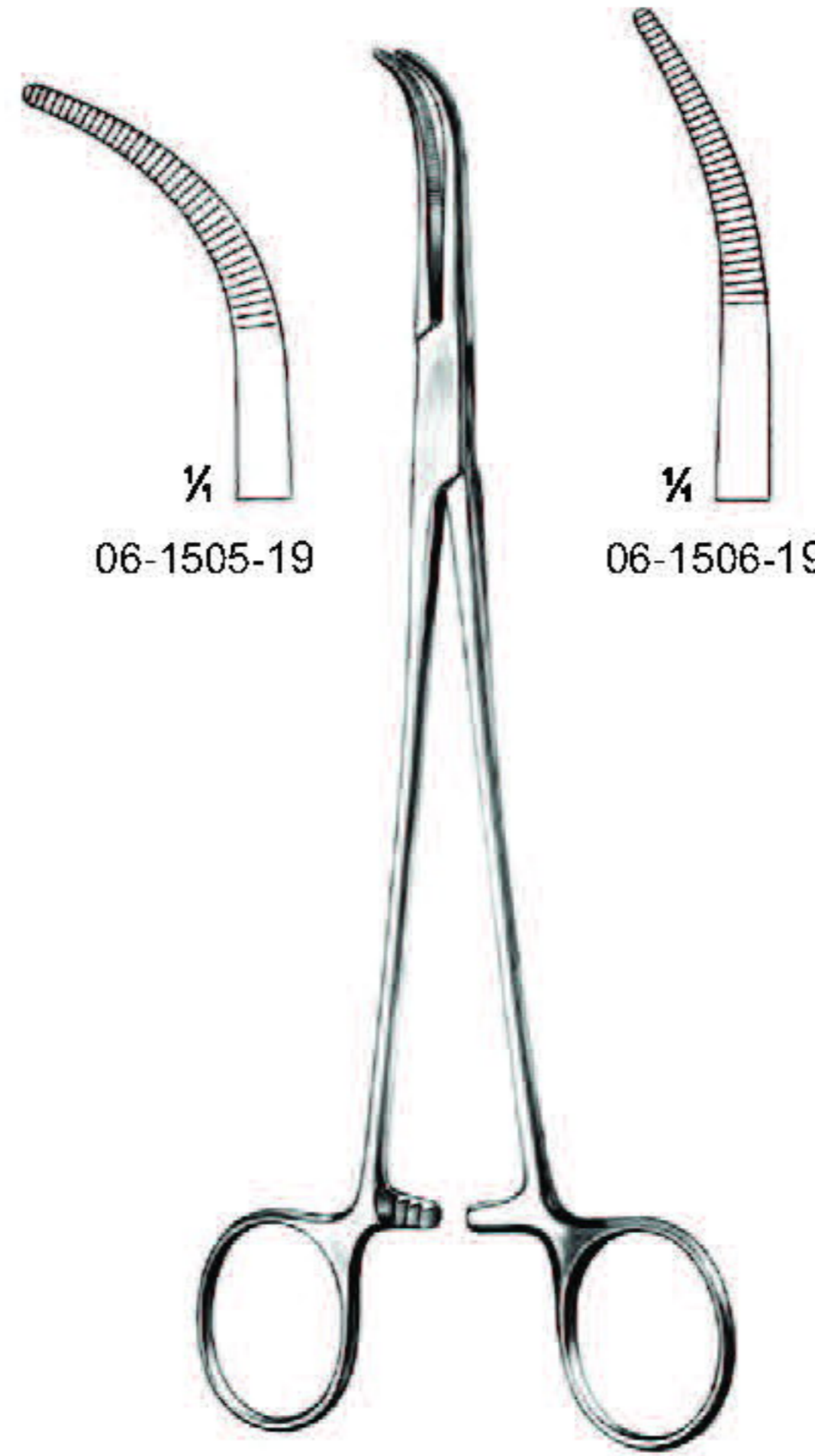


ARTERY FORCEPS



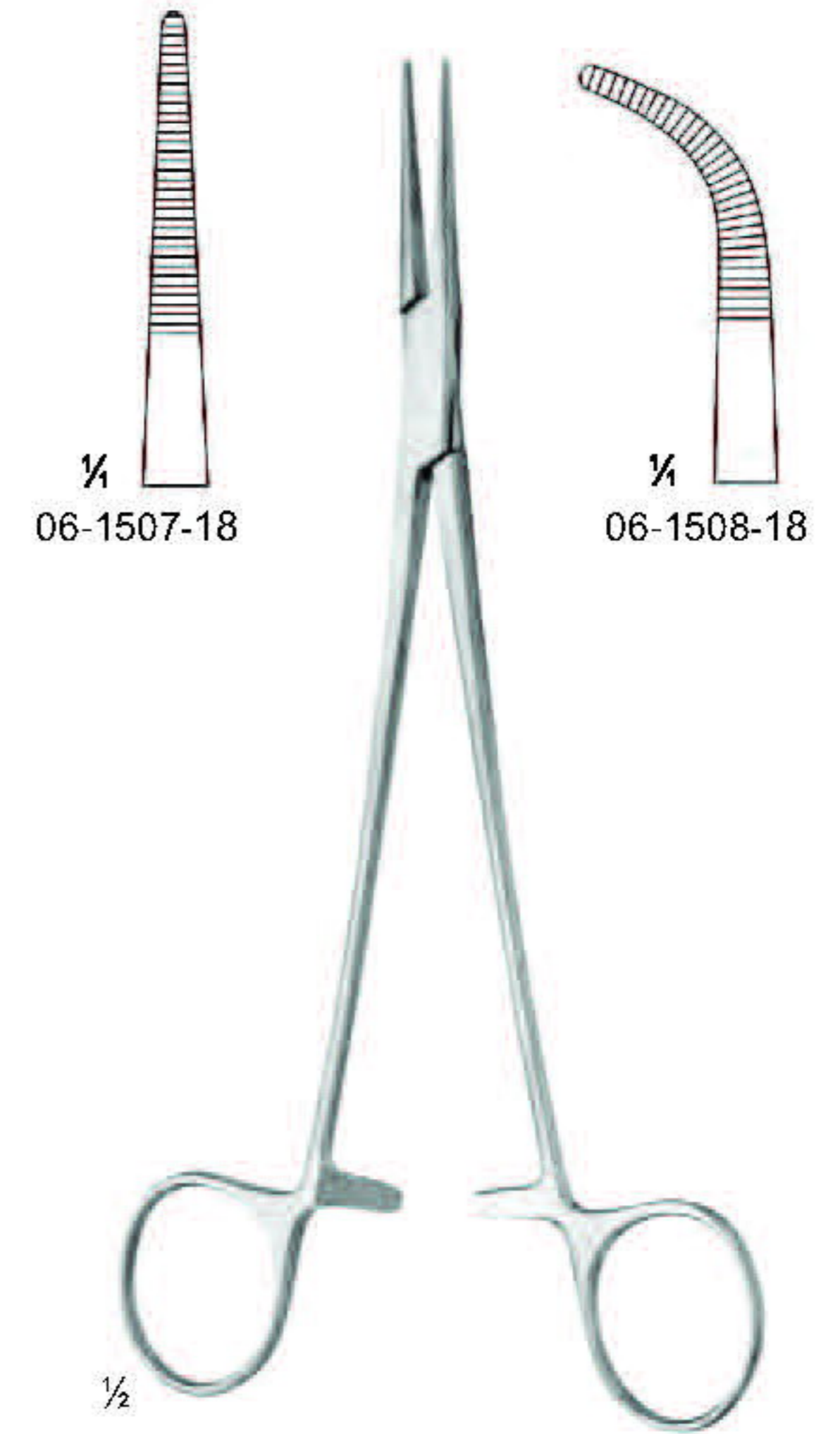
BAINBRIDGE

06-1503-15 15 cm/5 7/8" 06-1504-15
 06-1503-18 18.5 cm/7 1/4" 06-1504-18



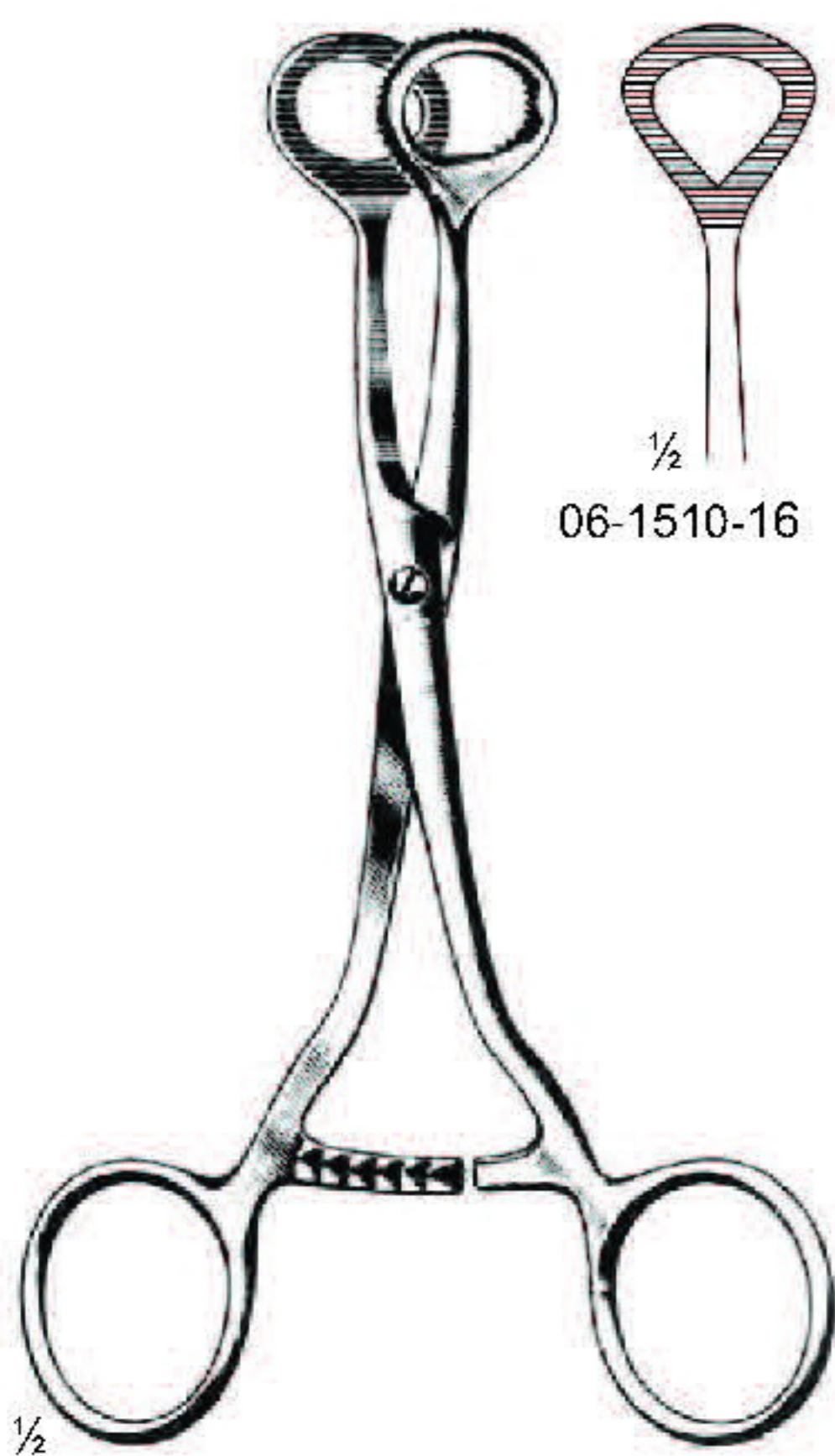
SCHNIDT

19 cm/7 1/2"



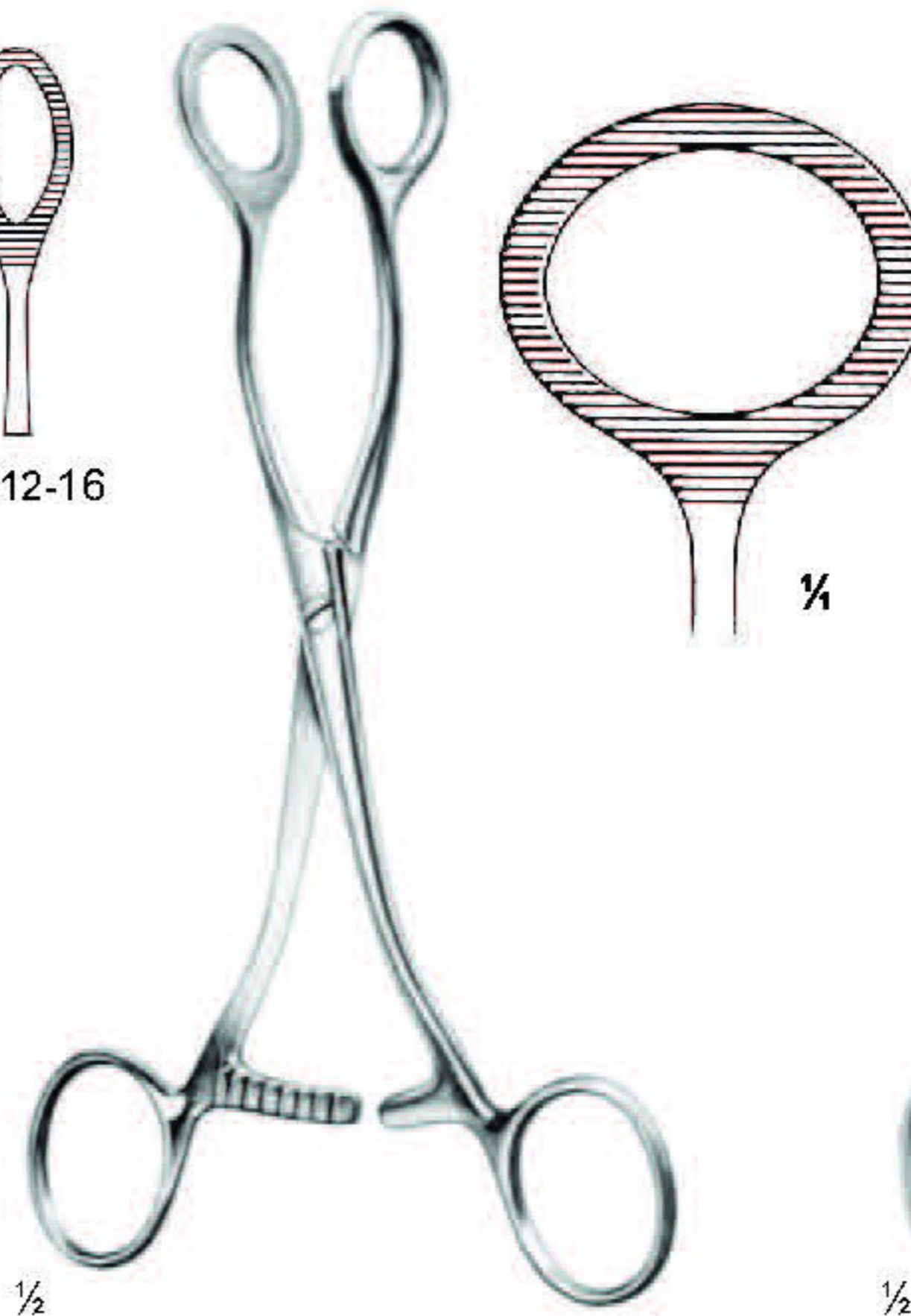
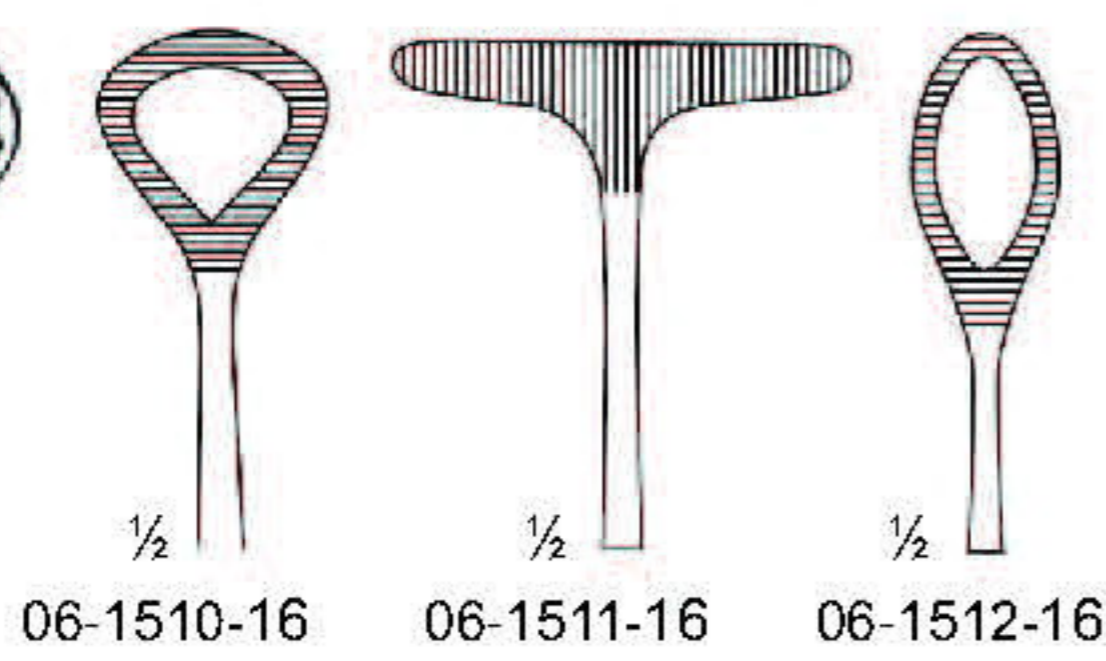
ADSON

18.5 cm/7 1/4"



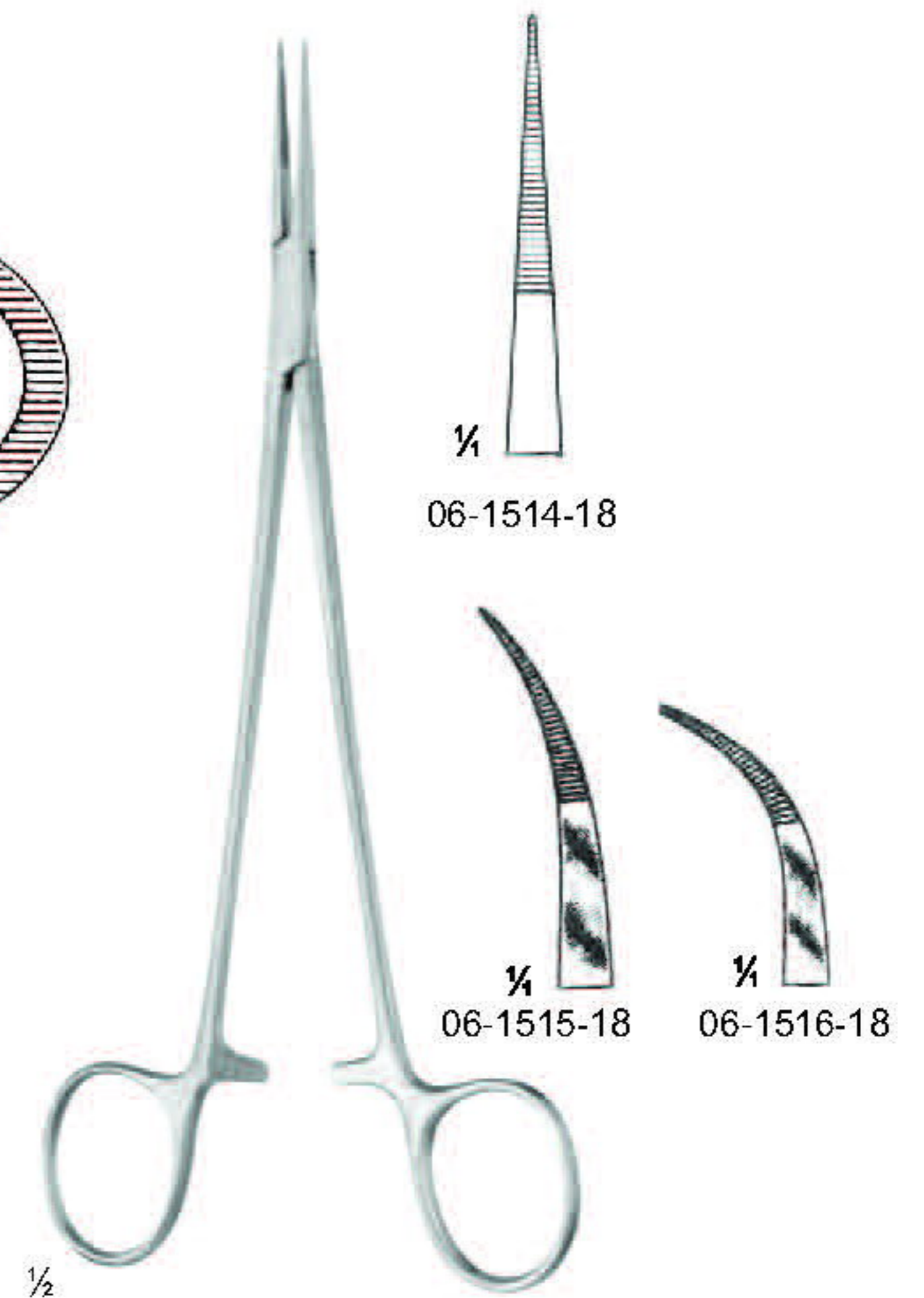
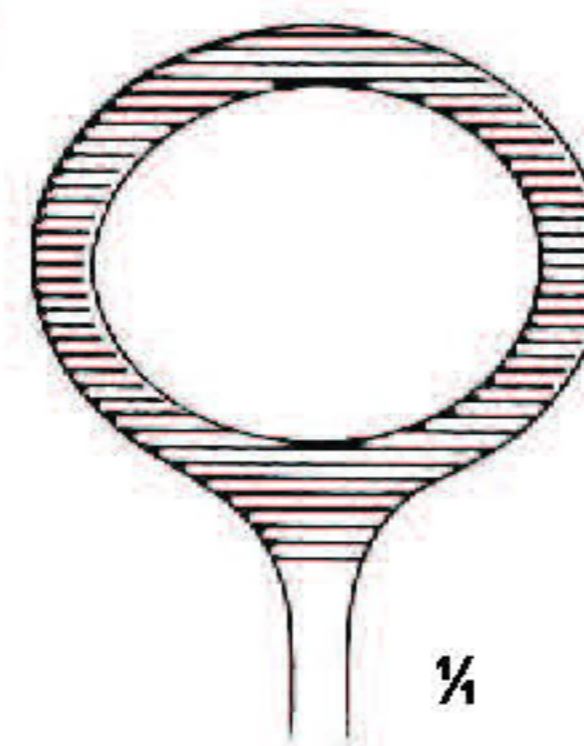
COLLIN

06-1509-16
 16 cm/6 1/4"



COLLIN

06-1513-16
 16.5 cm/6 1/2"



JACOBSON-MICRO

18 cm/7 1/8"

06-1514-18

06-1515-18

06-1516-18



1/2

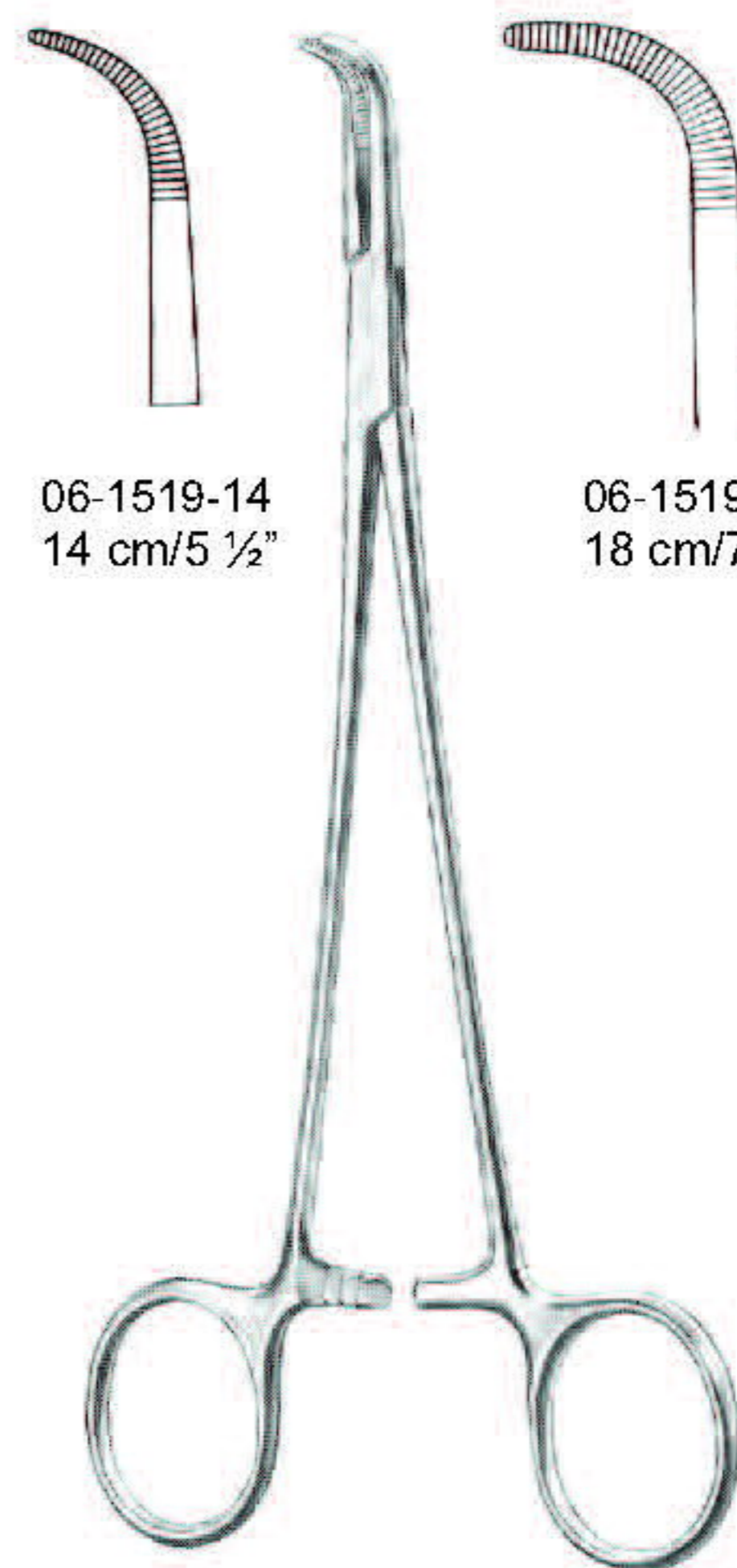
BABY-MIXTER

06-1517-18
 18 cm/7 1/8"



MICRO-ADSON

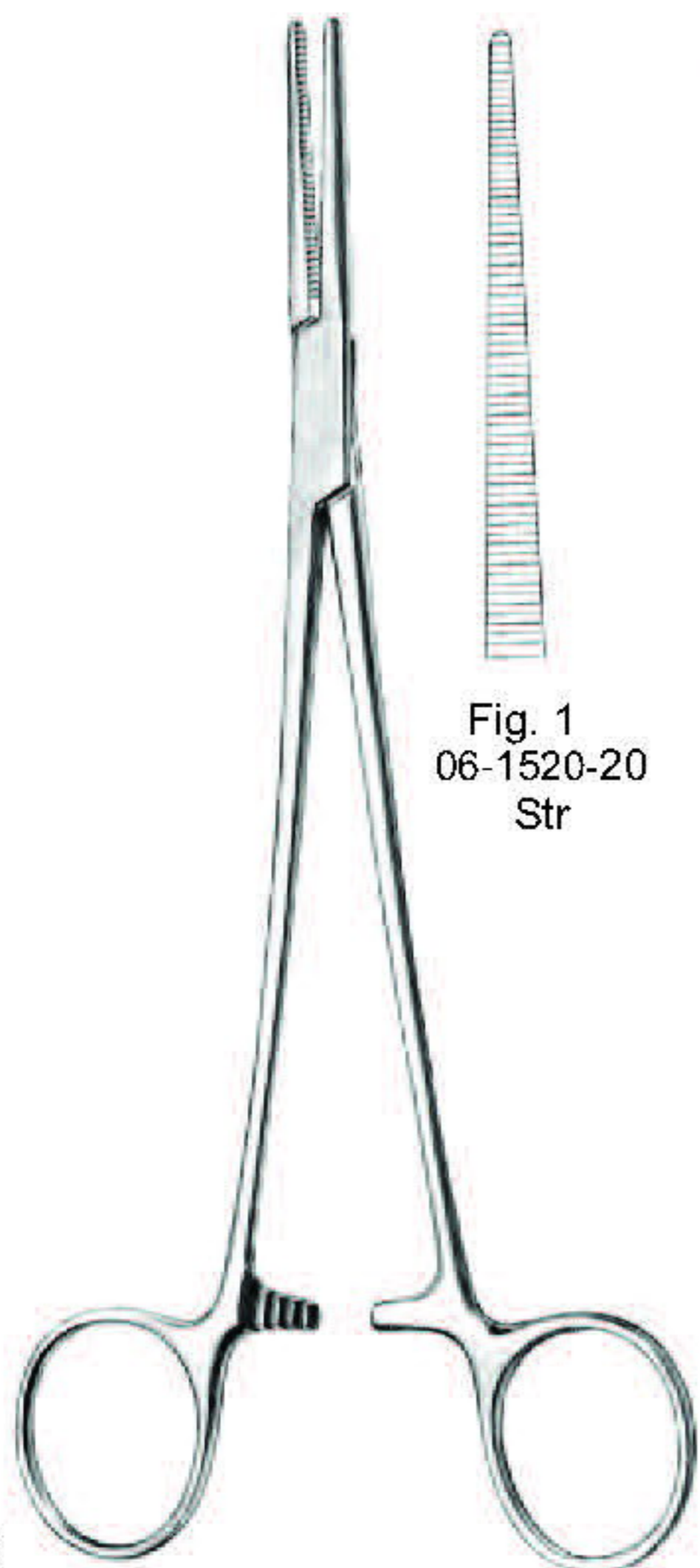
06-1518-14
 14 cm/5 1/2"



06-1519-14
 14 cm/5 1/2"

06-1519-18
 18 cm/7 1/8"

ADSON-BABY



1/2

HEISS
 20 cm/7 7/8"

Fig. 1
 06-1520-20
 Str



Fig. 2
 06-1521-20
 Slightly Cvd



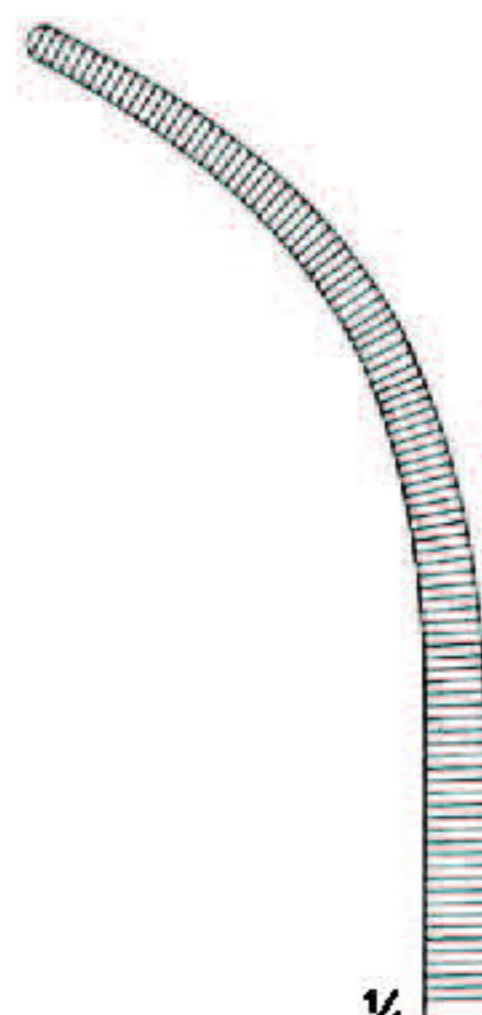
Fig. 3
 06-1522-20
 Cvd



1/2

OVERHOLT-MIXTER

06-1523-21
 21 cm/8 1/4"

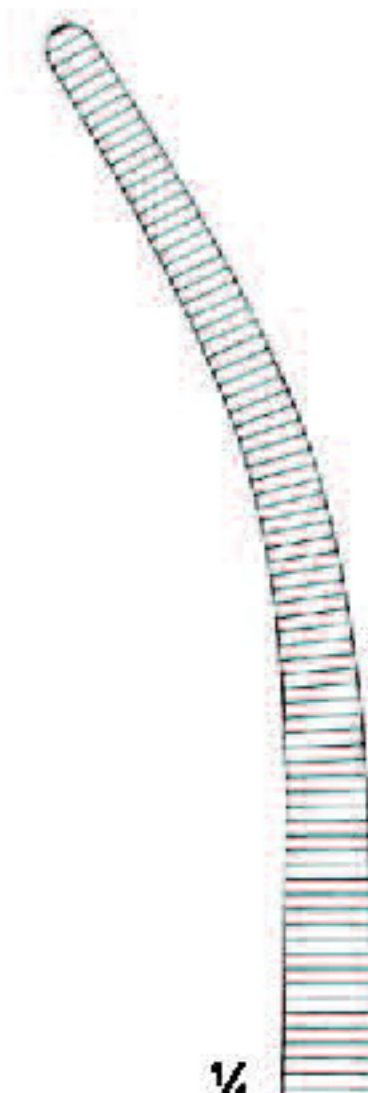


1/4



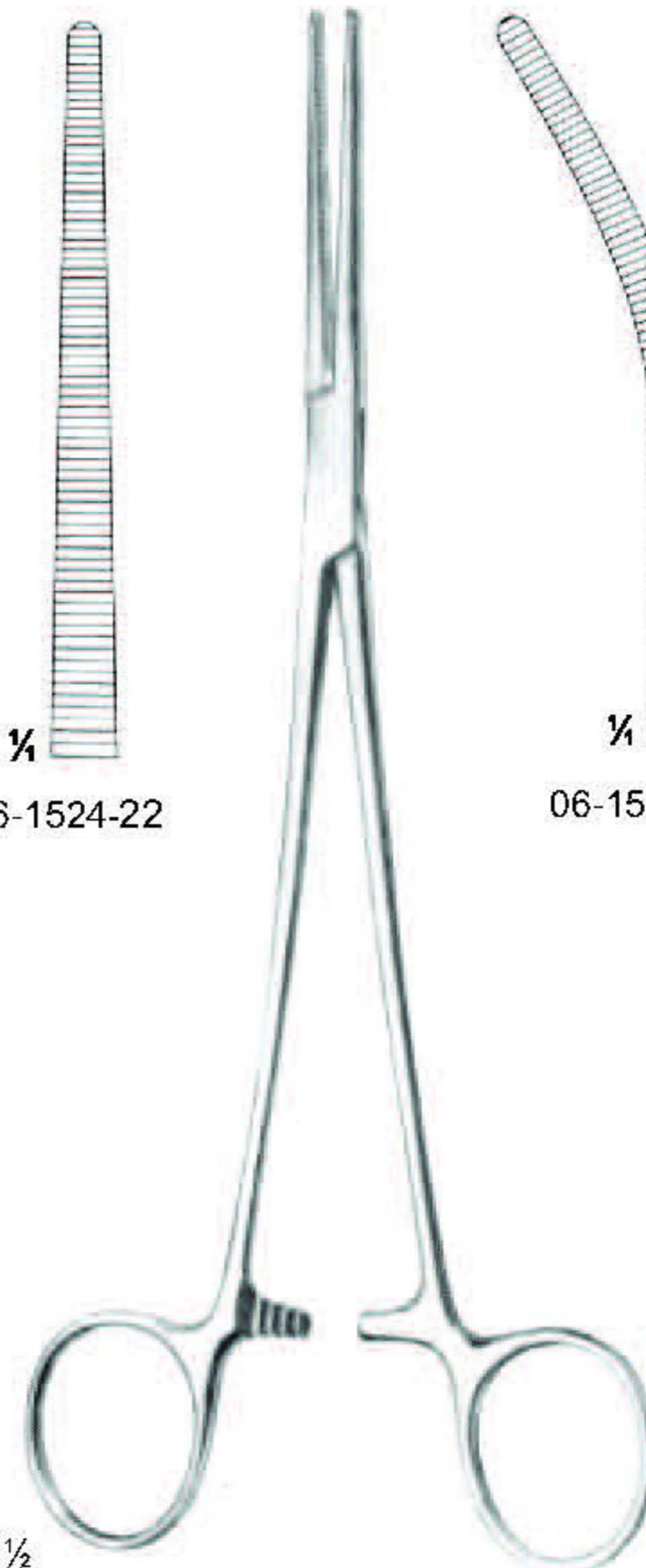
1/4

06-1524-22



1/4

06-1525-22



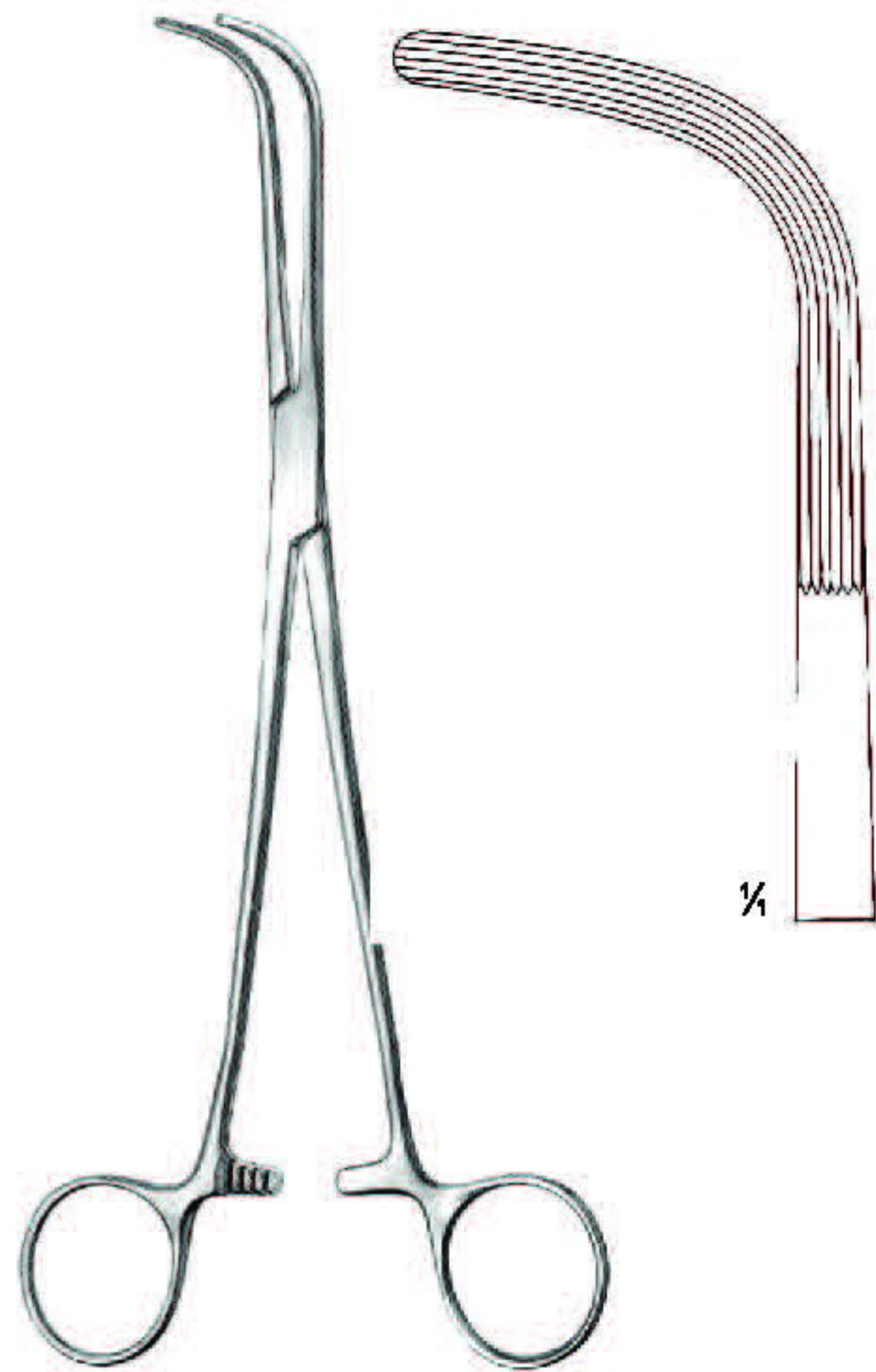
1/2

ROBERTS

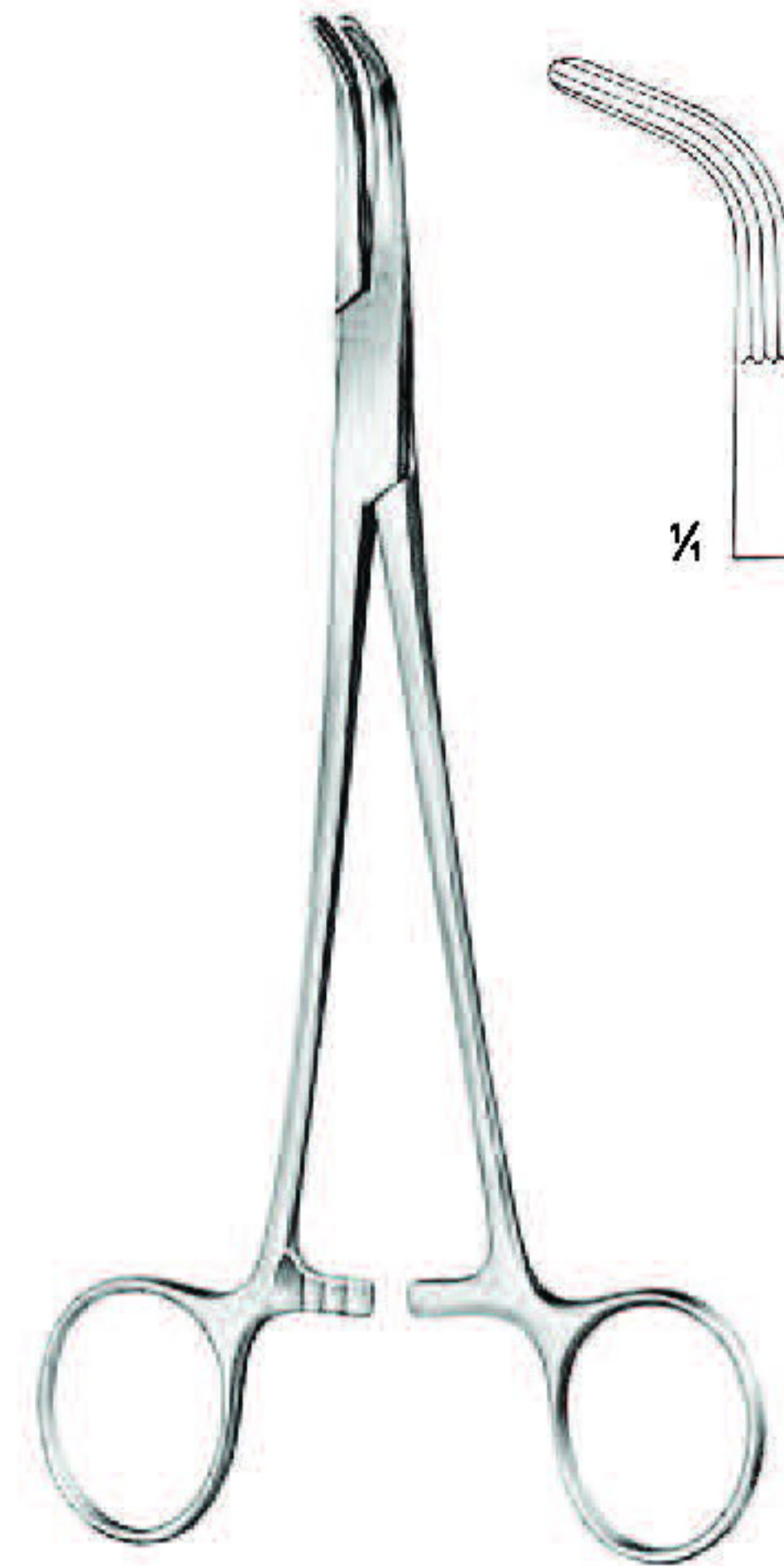
22 cm/8 1/2"

- EN Dissecting and Ligature Forceps, Bile Duct Clamps
- DE Präparierklemmen, Gallenkanalklemmen
- ES Pinzas para preparación y ligadura, Pinzas para conducto biliar
- FR Pincès à dissection et à ligatures, pincès à canal biliaire
- IT Pinze per dissezione e legatura, morsetti per dotto biliare

ARTERY FORCEPS



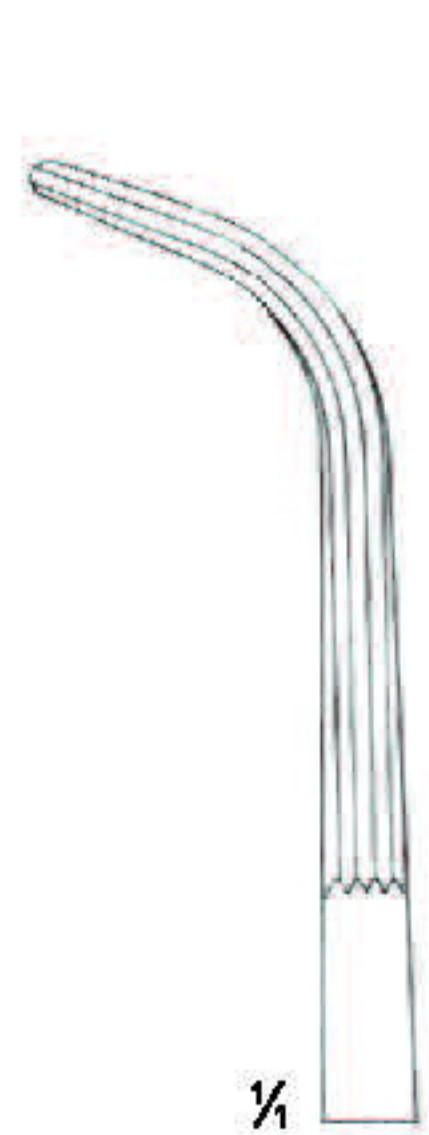
MCQUIGG-MIXTER
06-1526-23
23.5 cm/9 1/4"



LAHEY
06-1527-18
18.5 cm/7 1/4"



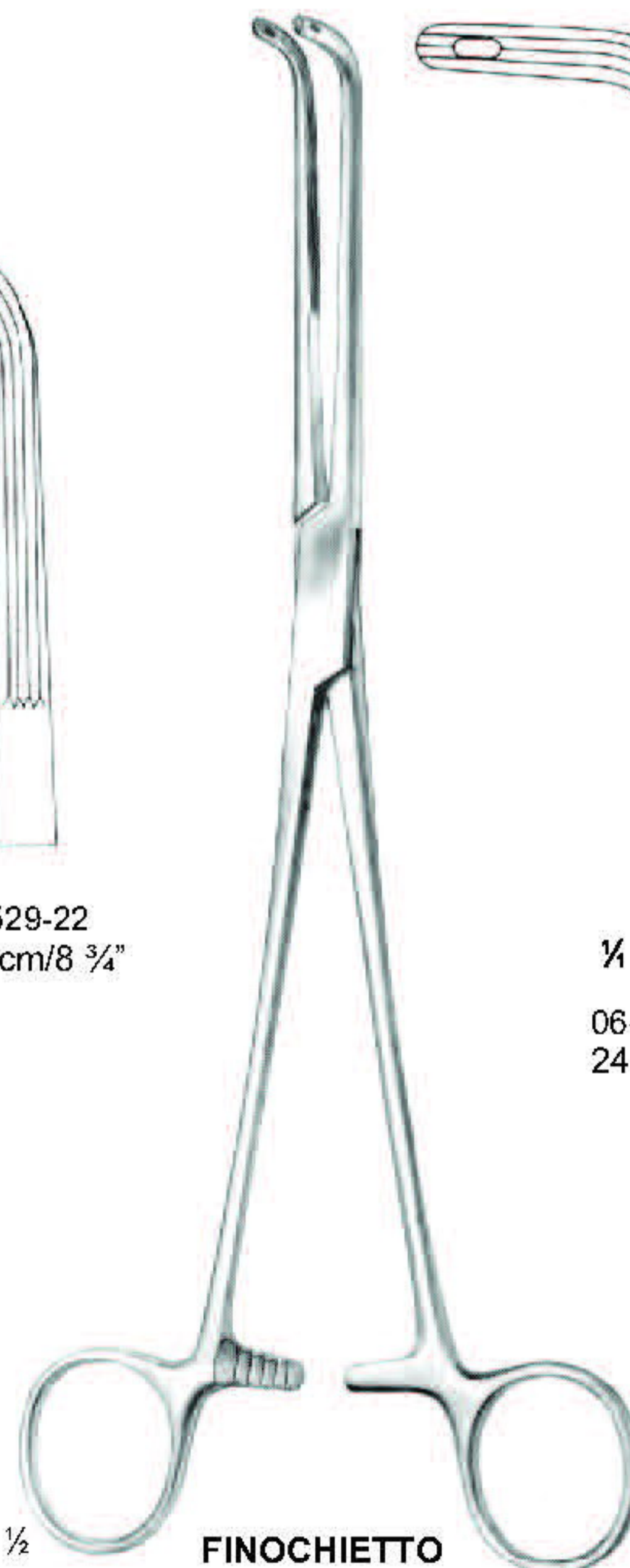
LAHEY



06-1528-19
19.5 cm/7 1/2"



06-1529-22
22.5 cm/8 3/4"



FINOCHIETTO



06-1530-24
24.5 cm/9 5/8"



MIXTER-BABY
06-1531-14
14 cm/5 1/2"



KELLY



Fig. 1
 06-1532-19
 19 cm/7 1/2"



Fig. 1
 06-1532-22
 22.5 cm/8 3/4"



Fig. 1
 06-1532-24
 24.5 cm/9 5/8"



Fig. 2
 06-1533-19
 19 cm/7 1/2"



Fig. 2
 06-1533-22
 22 cm/8 1/2"



Fig. 2
 06-1533-23
 23.5 cm/9 1/4"



Fig. 3
 06-1534-18
 18.5 cm/7 1/4"



Fig. 3
 06-1534-21
 21.5 cm/8 1/2"



Fig. 3
 06-1534-23
 23.5 cm/9 1/4"

EN	Dissecting and Ligature Forceps
DE	Präparierklemmen
ES	Pinzas para preparación y ligadura
FR	Pinces à dissection et à ligatures
IT	Pinza per dissezione e legatura

ARTERY FORCEPS

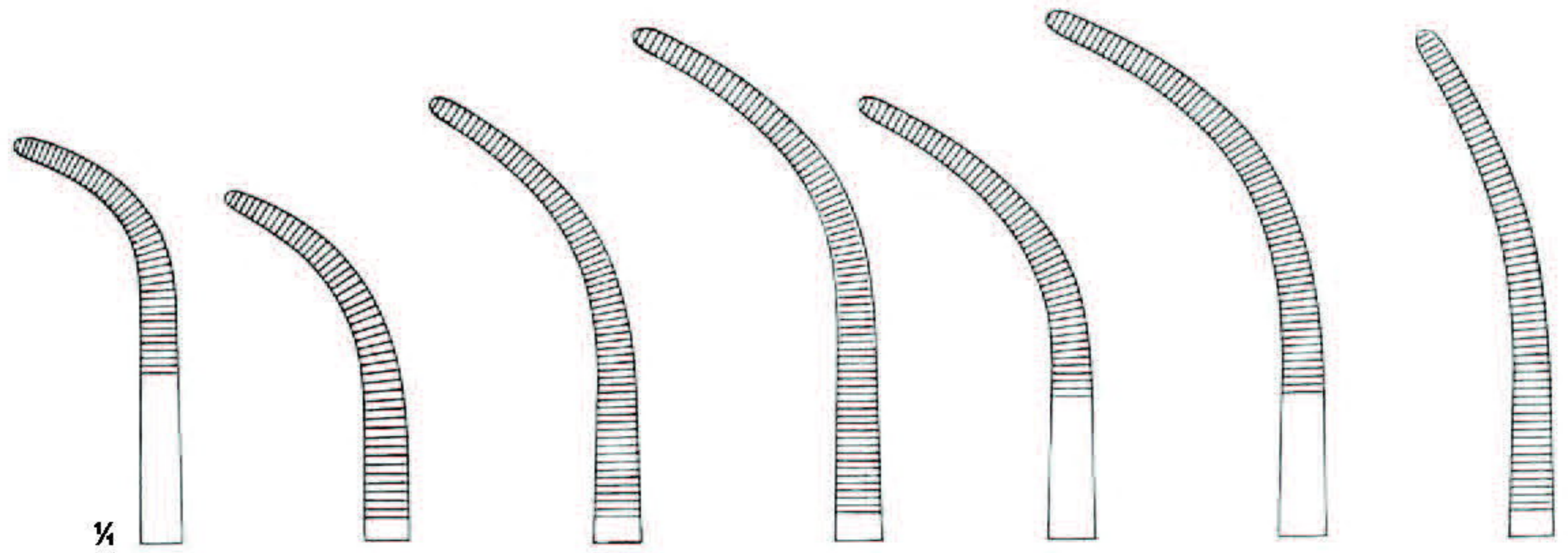


Fig. 1 06-1554-20 20.5 cm/8 1/8"	Fig. 2 06-1555-20 20 cm/7 7/8"	Fig. 3 06-1555-21 21.5 cm/8 1/2"	Fig. 4 06-1555-22 22 cm/8 1/2"	Fig. 5 06-1556-21 21.5 cm/8 1/2"	Fig. 6 06-1556-22 22 cm/8 1/2"	Fig. 7 06-1557-22 22 cm/8 1/2"
--	--------------------------------------	--	--------------------------------------	--	--------------------------------------	--------------------------------------

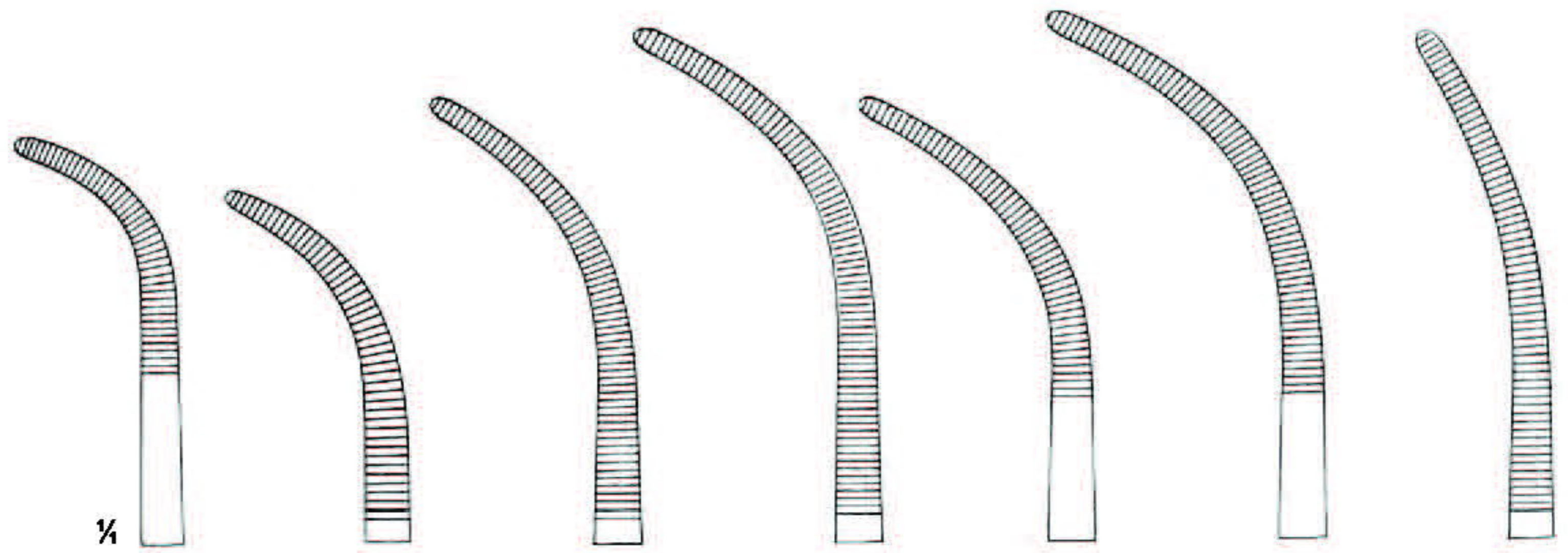
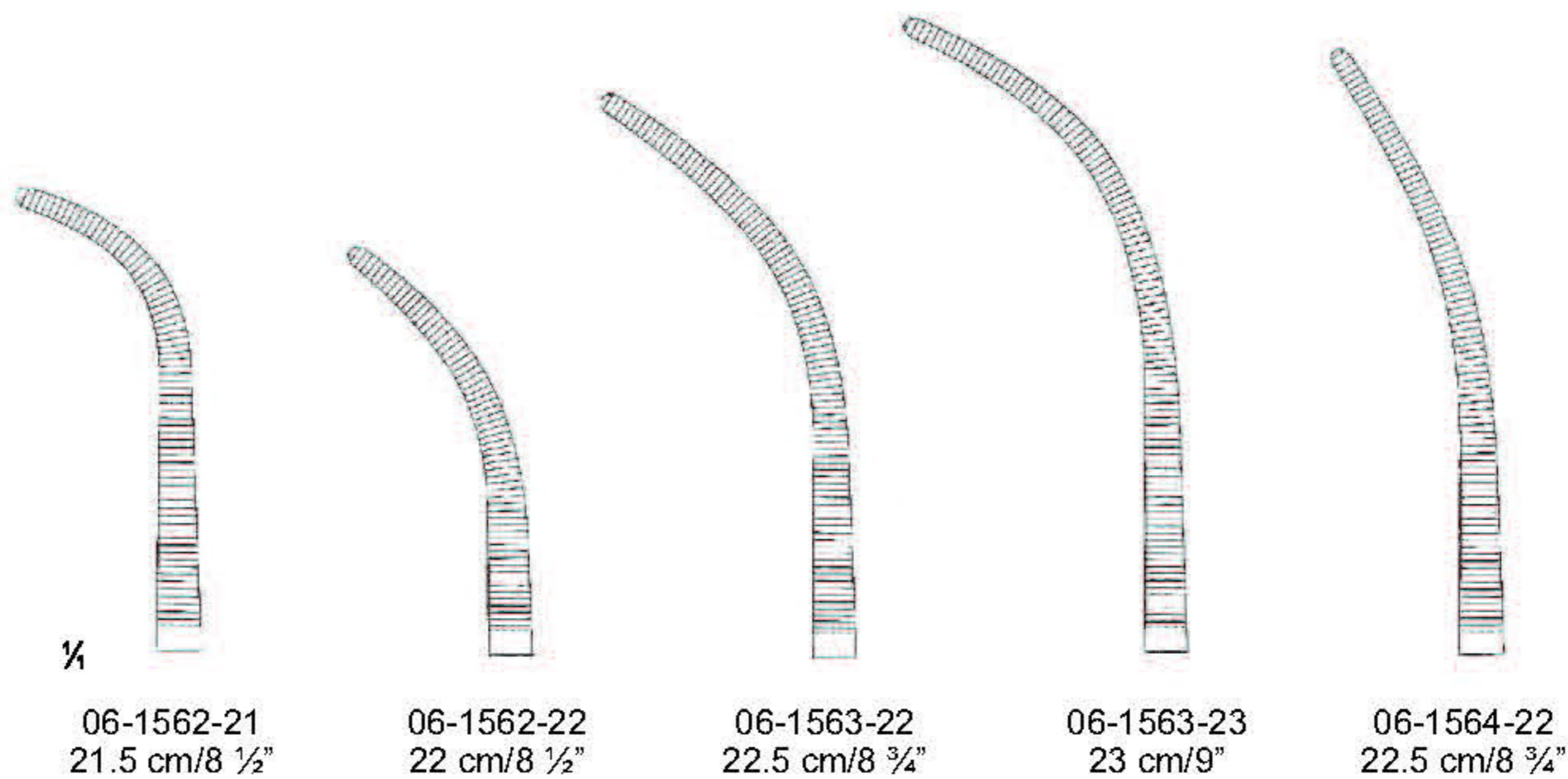


Fig. 1 06-1558-27 27 cm/10 1/2"	Fig. 2 06-1558-26 26.5 cm/10 3/8"	Fig. 3 06-1559-27 27.5 cm/10 3/4"	Fig. 4 06-1559-28 28 cm/11"	Fig. 5 06-1560-27 27.5 cm/10 3/4"	Fig. 6 06-1560-28 28 cm/11"	Fig. 7 06-1561-28 27.5 cm/10 3/4"
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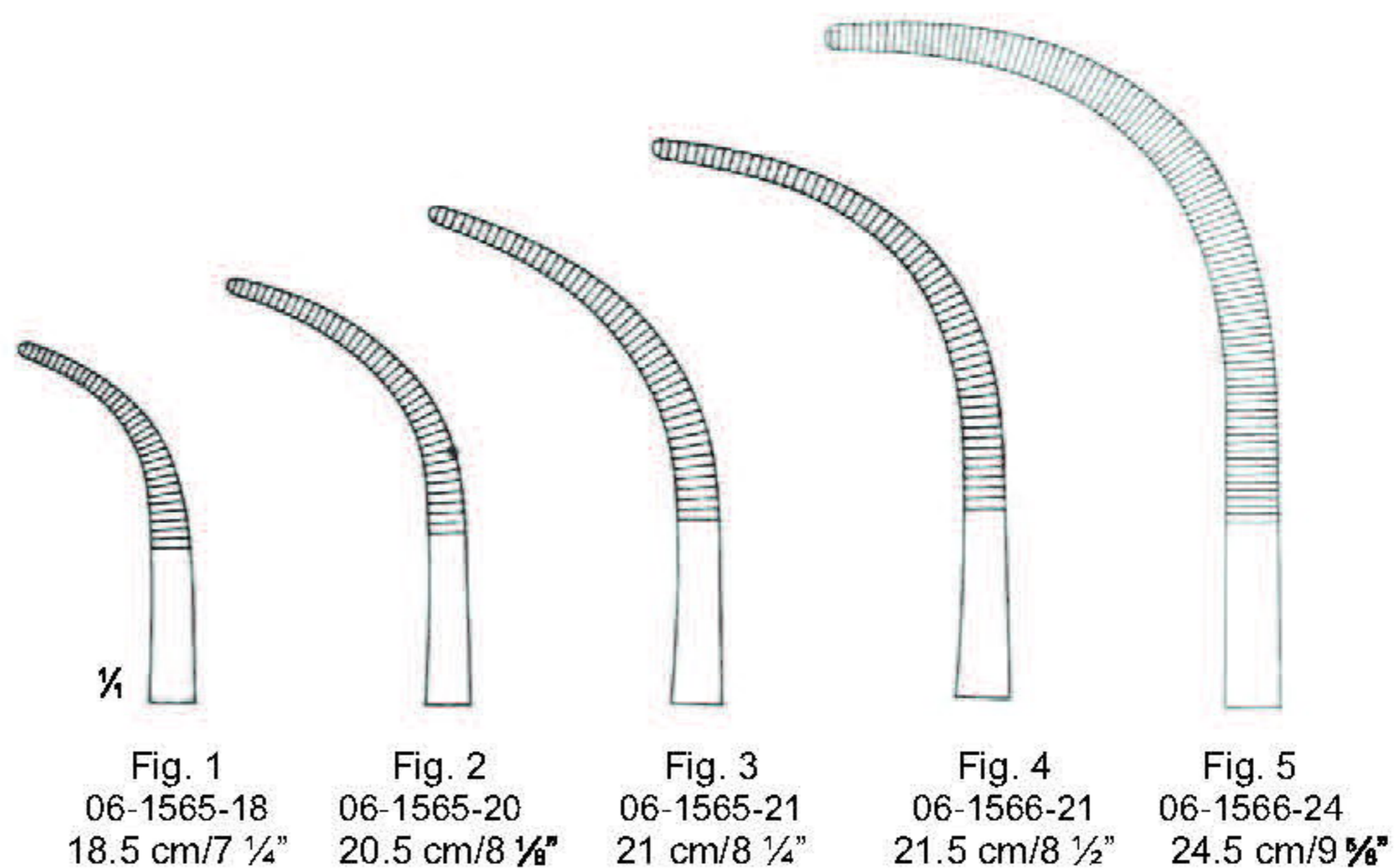
OVERHOLT-GEISSENDORFER



OVERHOLT-FINO

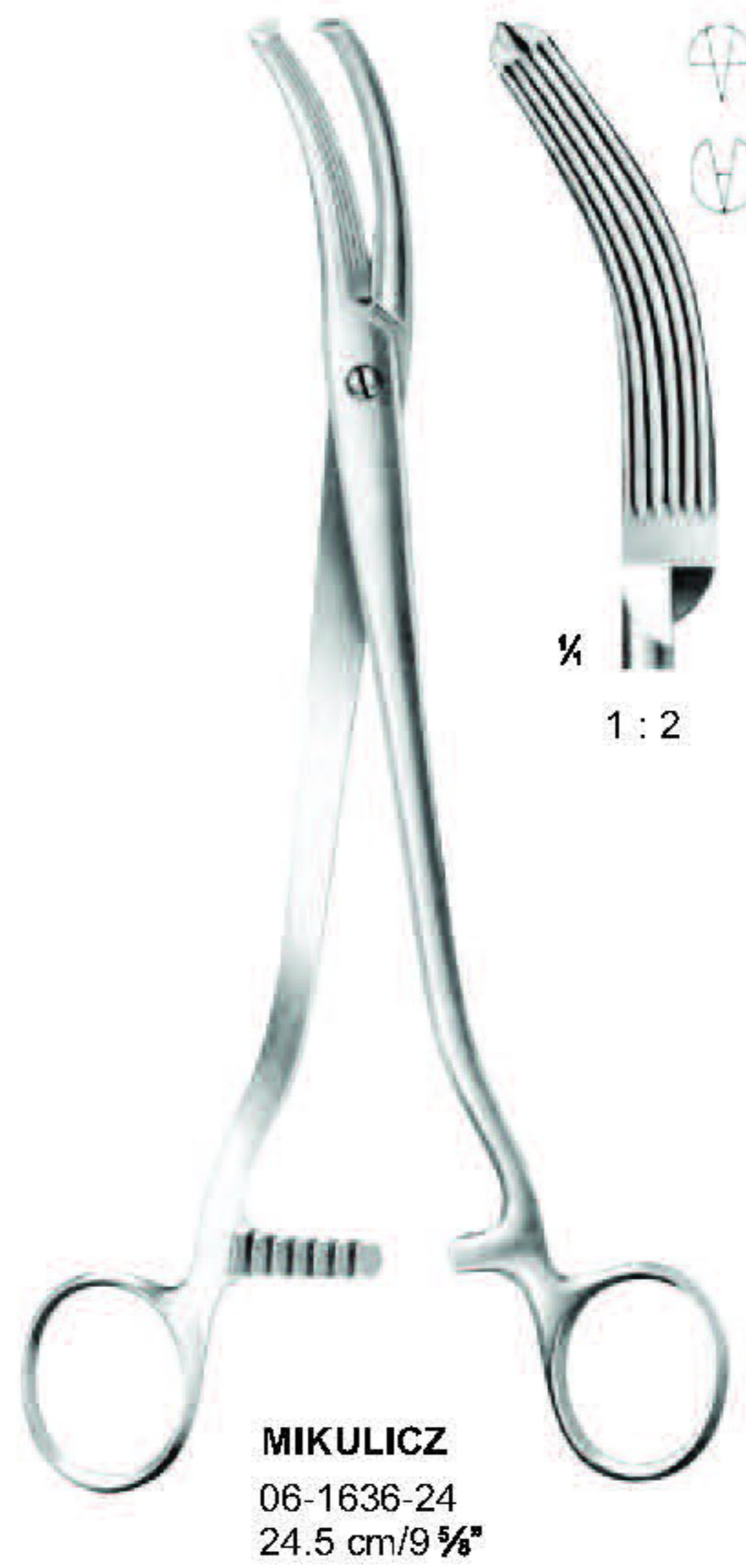
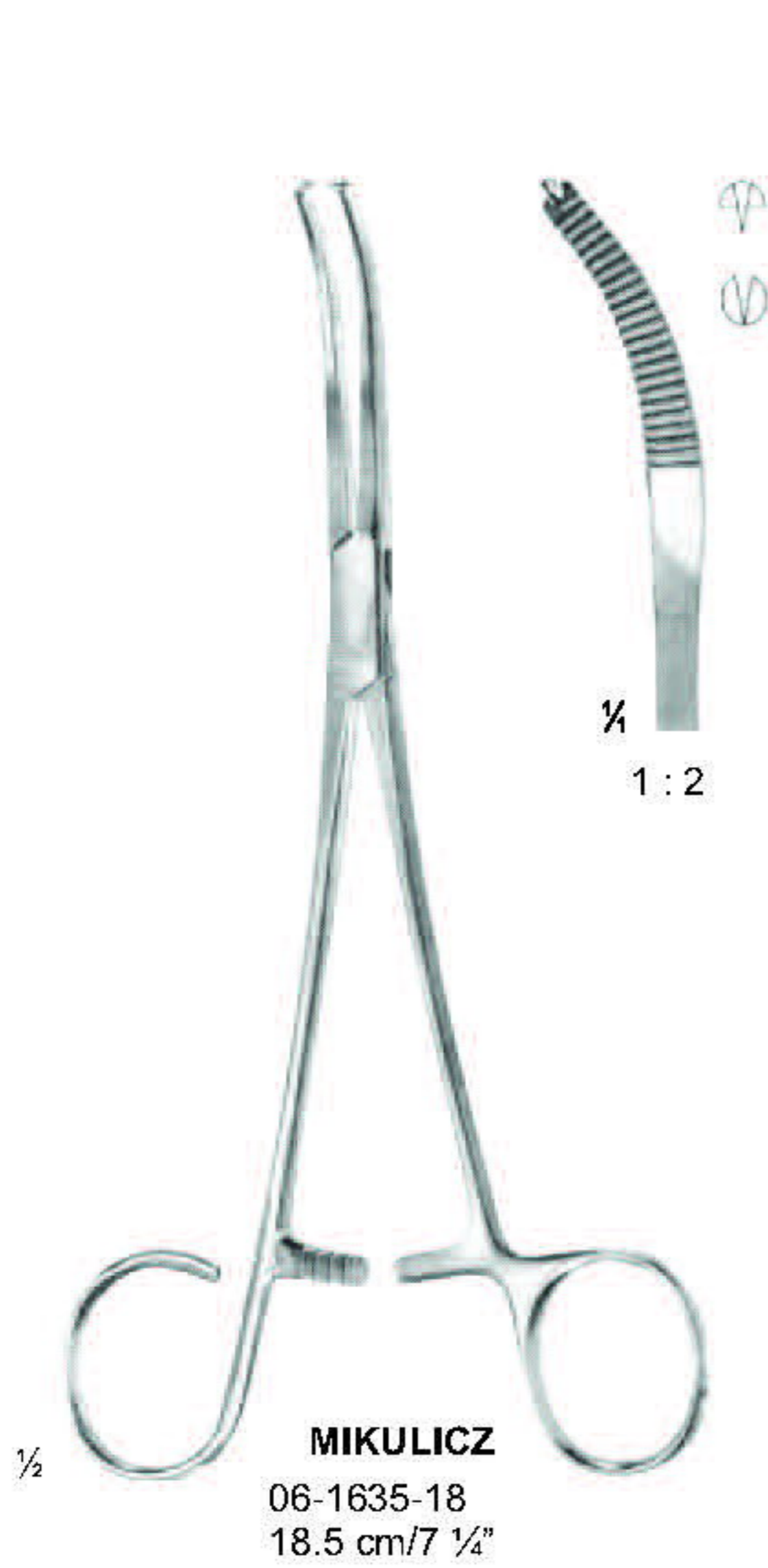
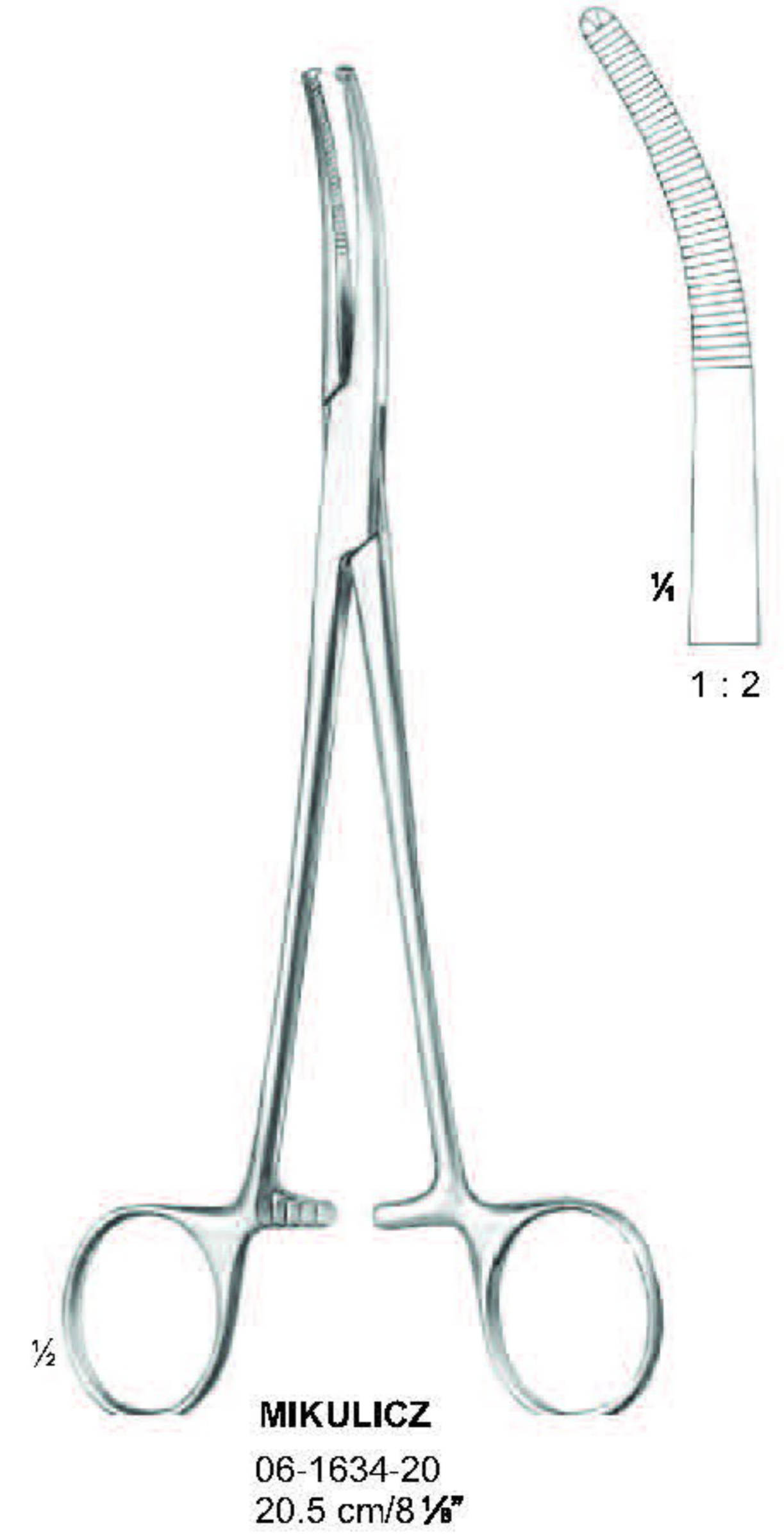
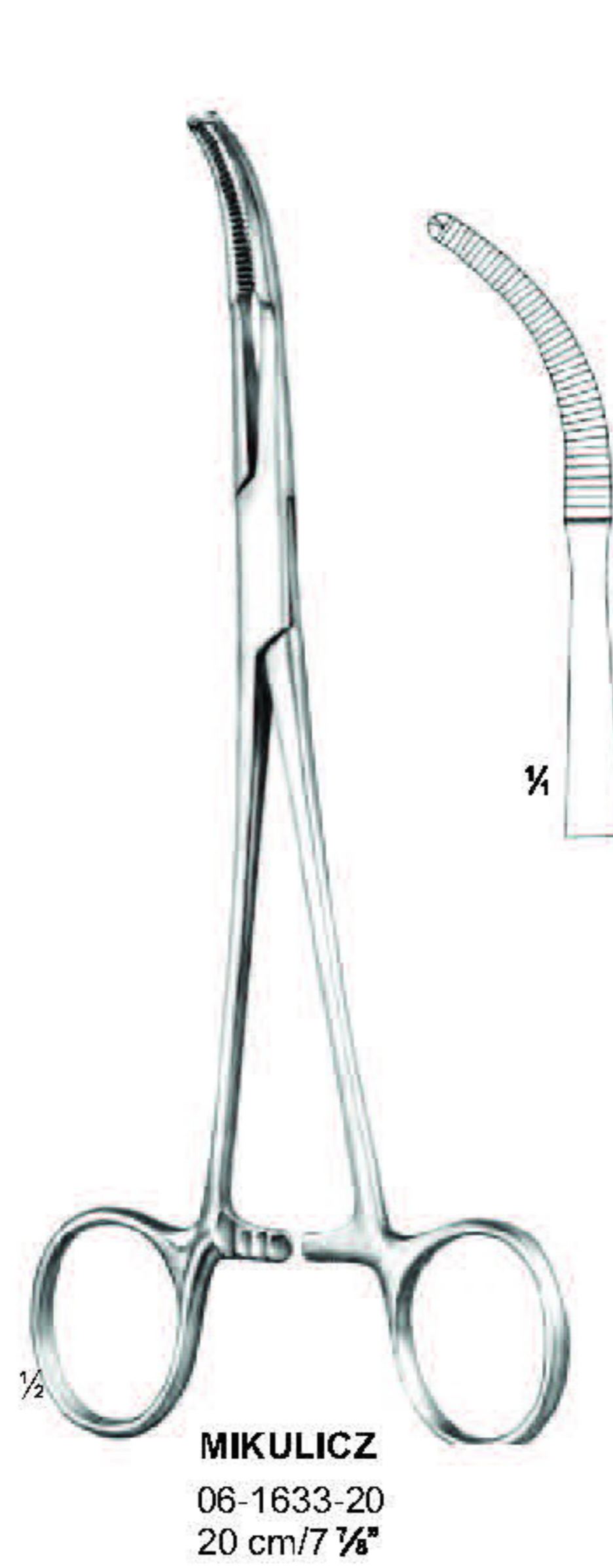
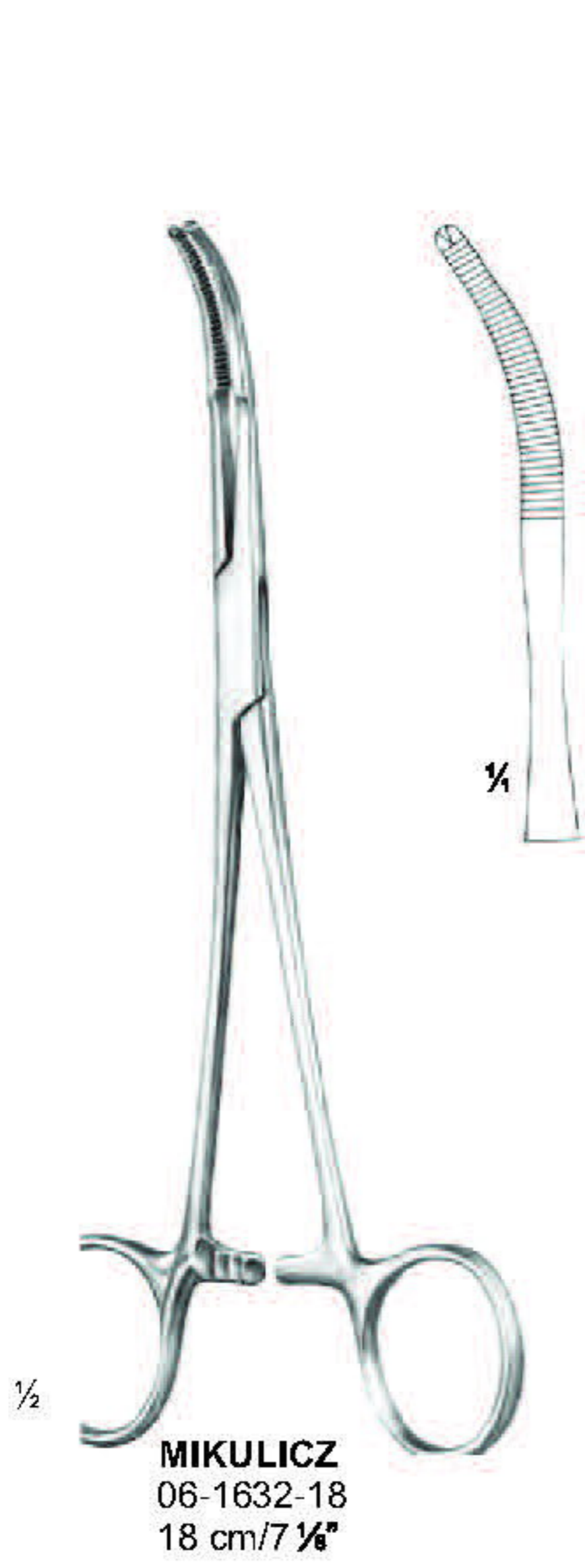


OVERHOLT-SLIM



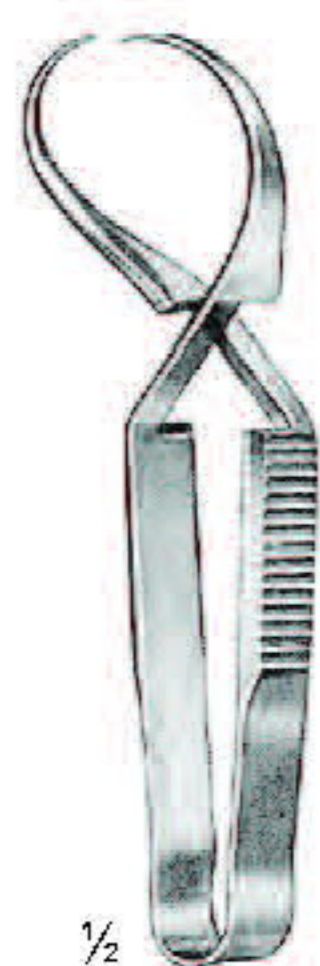
EN	Peritoneal Clamp Forceps
DE	Peritoneumklemmen
ES	Pinzas-clamps para peritoneo
FR	Pince à pince péritonéale
IT	Pinze per morsetto peritoneale

ARTERY FORCEPS





SCHAEDDEL
06-1638-09
9 cm/3 1/2"



ENGL. MODELL
06-1639-09
9 cm/3 1/2"



JONES
06-1640-05 5 cm/2"
06-1640-09 9 cm/3 1/2"



JONES
06-1641-09
9 cm/3 1/2"



DOYEN
06-1642-11
11 cm/4 3/8"



DOYEN
06-1643-18
18 cm/7 1/8"



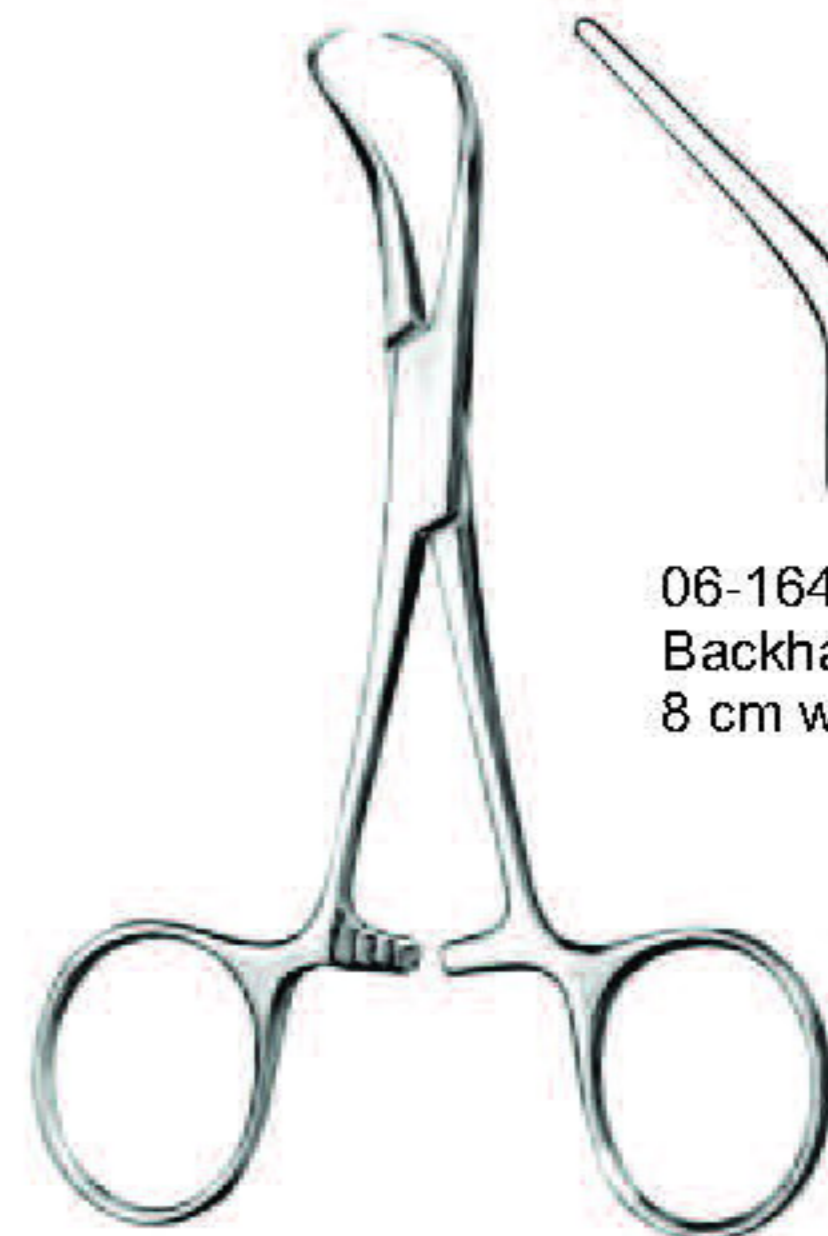
With Clip for Tubing or Cable



BACKHAUS
06-1644-11 11 cm/4 3/8"
06-1644-13 13 cm/5 1/8"
Delicate pattern, sharp



BACKHAUS
06-1645-11
11 cm/4 3/8"
With Clip for Tubing or Cable



BACKHAUS
06-1646-08 8 cm/3 1/4"
06-1646-08 11 cm/4 3/8"
06-1646-08 13 cm/5 1/8"
06-1646-08 15 cm/5 7/8"

06-1647-08
Backhaus Towel
8 cm with open jaws

EN	Towel Clamps
DE	Tuchklemmen
ES	Pinzas de campo
FR	Pinces à serviettes
IT	Morsetti per asciugamano

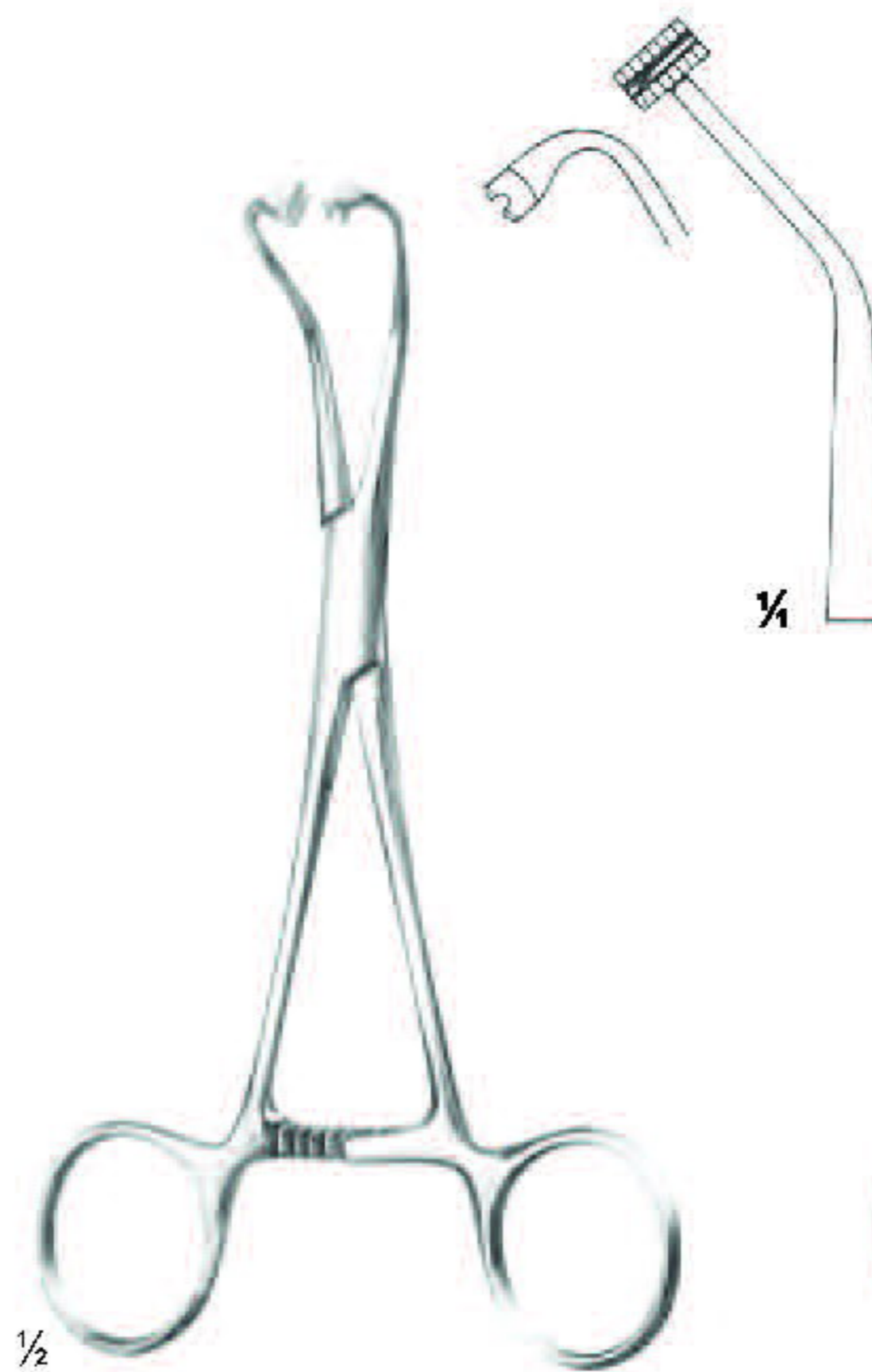
ARTERY FORCEPS



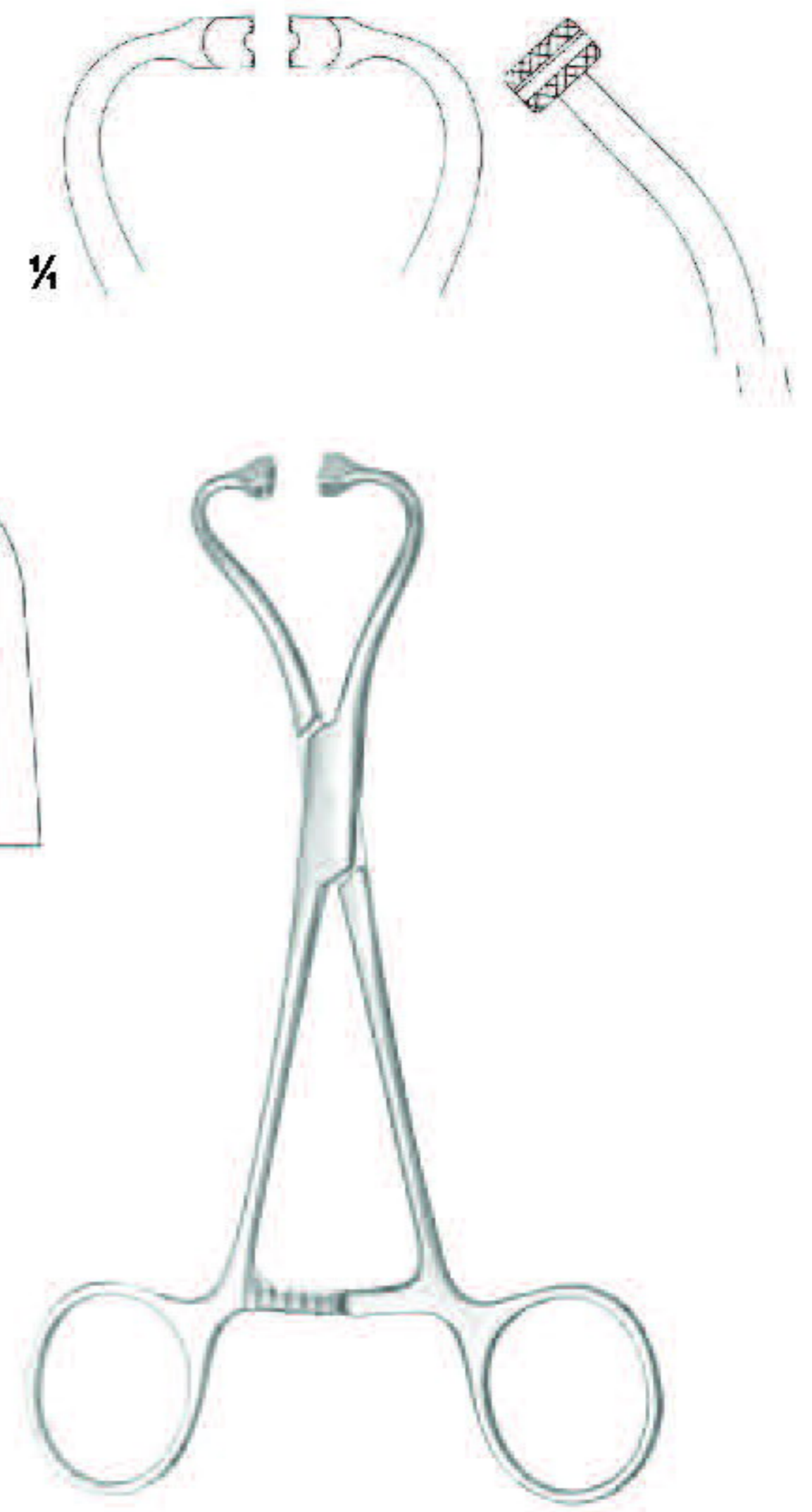
BALL & SOCKET
 06-1648-11 11.5 cm/4 1/2"
 06-1648-14 14 cm/5 1/2"



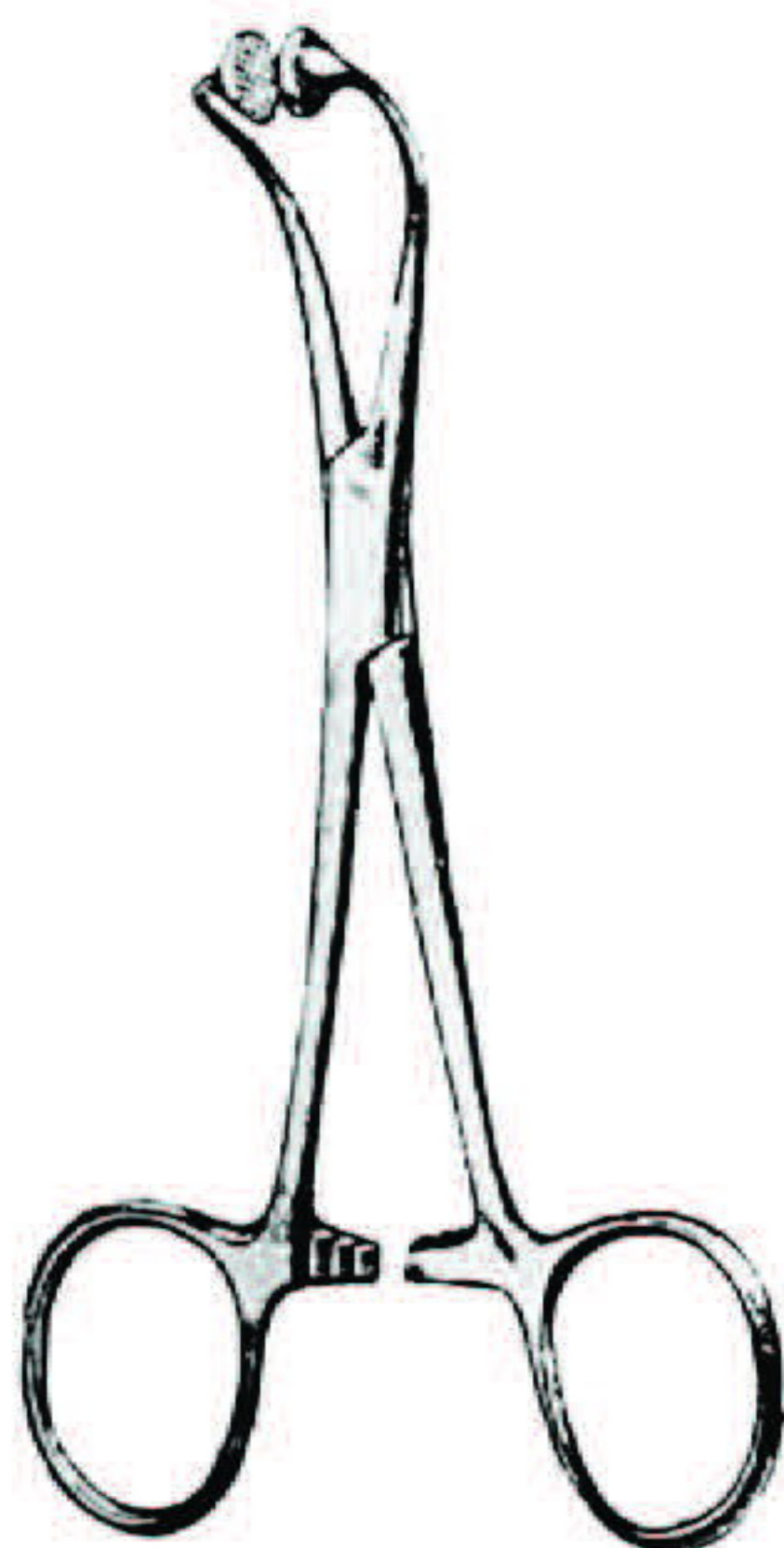
TOHOKU
 06-1649-10 10.5 cm/4 1/8"
 06-1649-13 13.5 cm/5 3/8"



PEERS BERTRAM
 06-1650-14 14.5 cm/5 3/4"



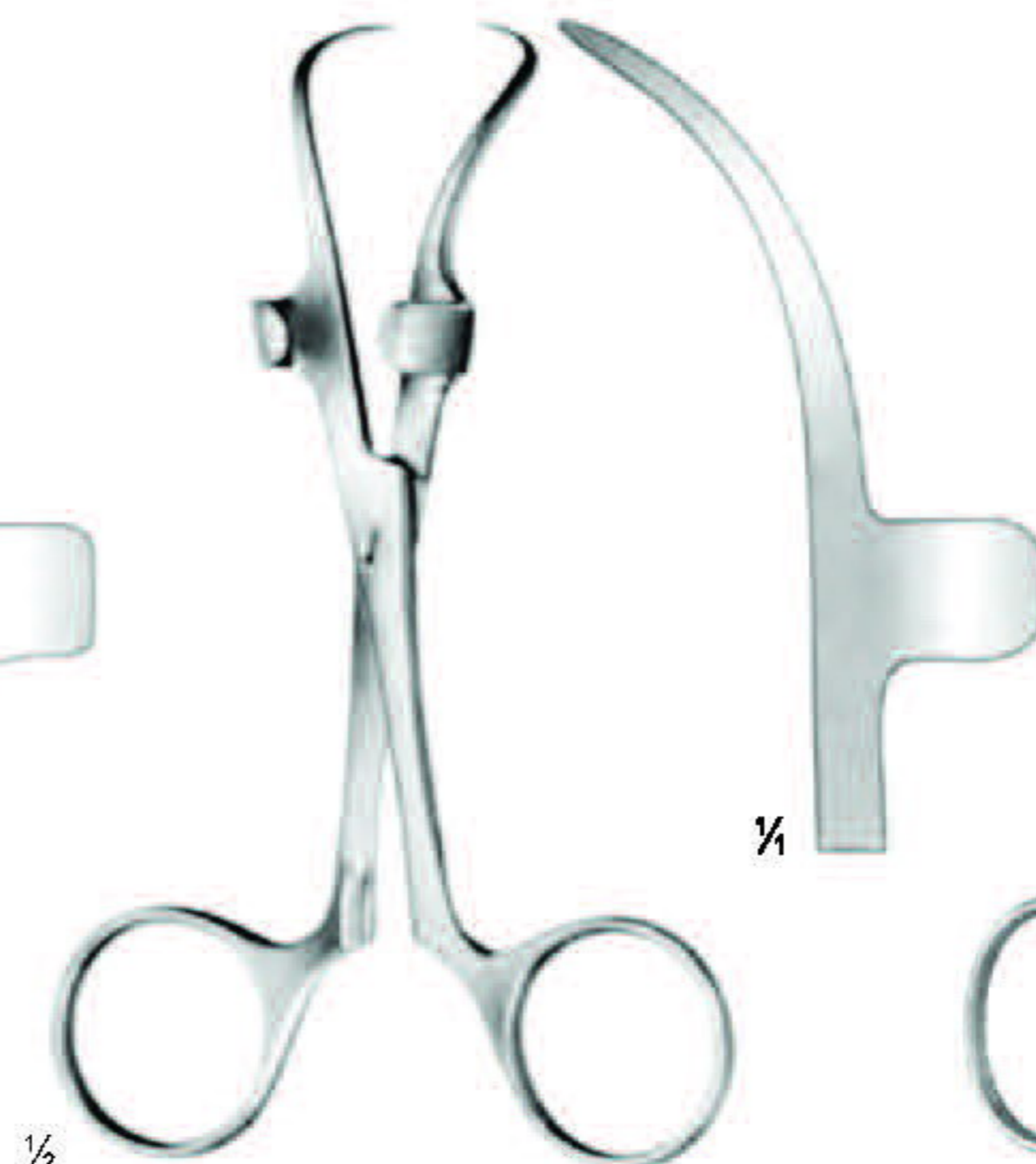
PEERS-BERTRAM MODIF.
 06-1651-15 15.5 cm/6 1/8"



HOFF
 06-1652-11 11 cm/4 3/8"
 06-1652-14 14.5 cm/5 3/4"



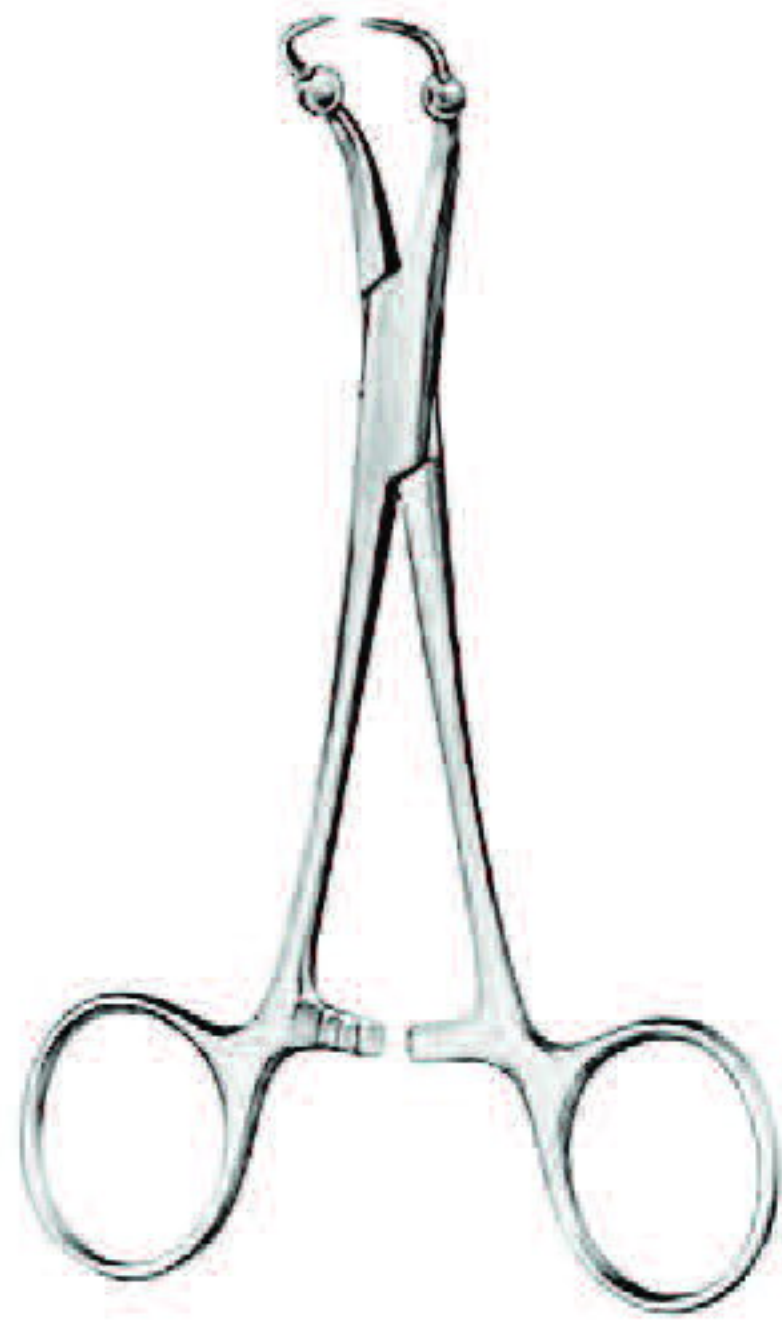
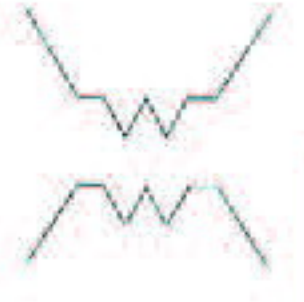
ROBIN
 06-1653-13 13.5 cm/5 3/8"
 with holder for cable up to 5 mm



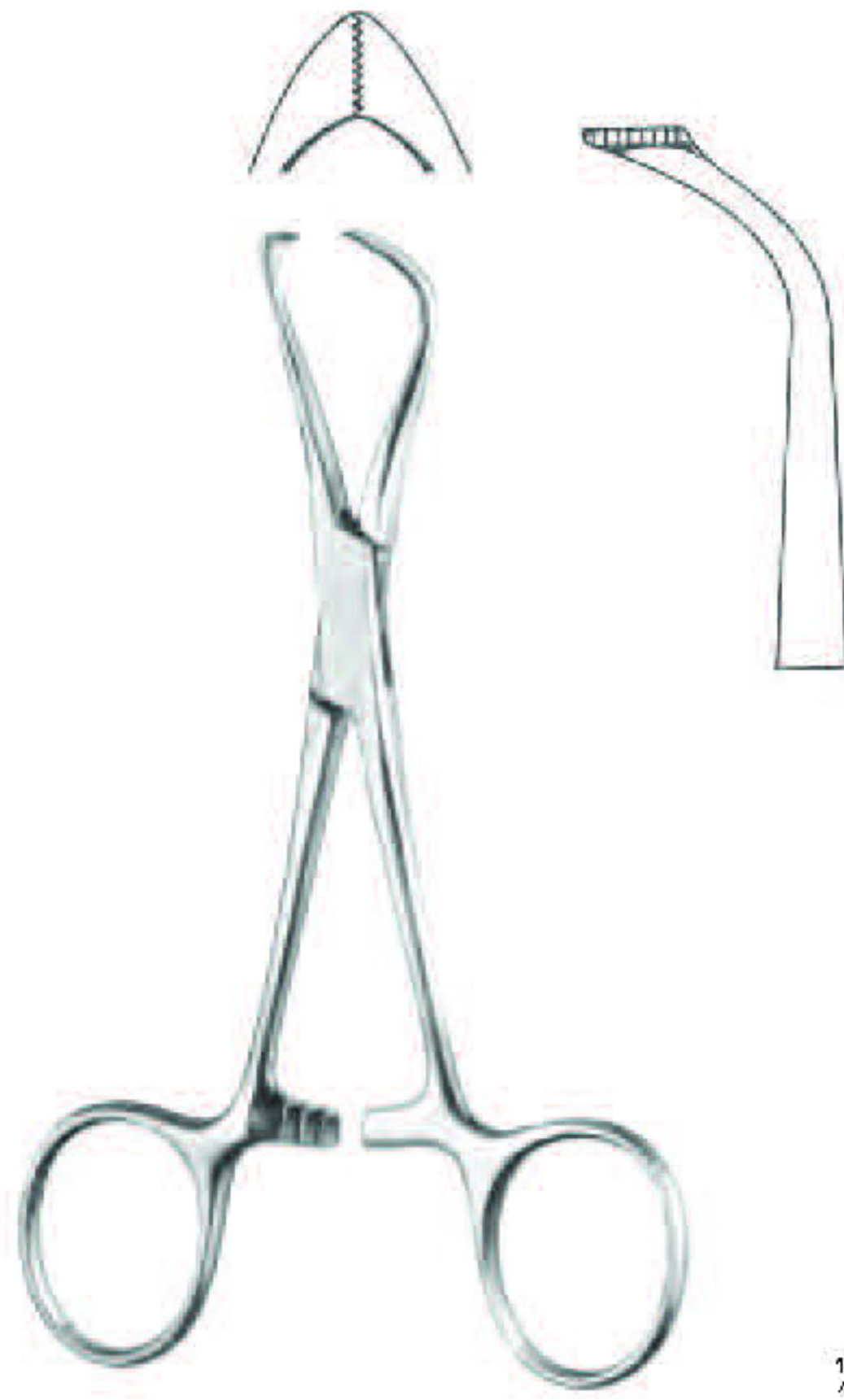
ROBIN
 06-1654-13 13.5 cm/5 3/8"
 with holder for cable up to 13 mm tubing



PAPER TOWEL FORCEPS
 06-1655-10 10 cm/3 7/8"
 06-1655-13 13 cm/5 1/8"



ROEDER
 06-1656-13 13 cm/5 1/8"
 06-1656-15 15 cm/5 7/8"



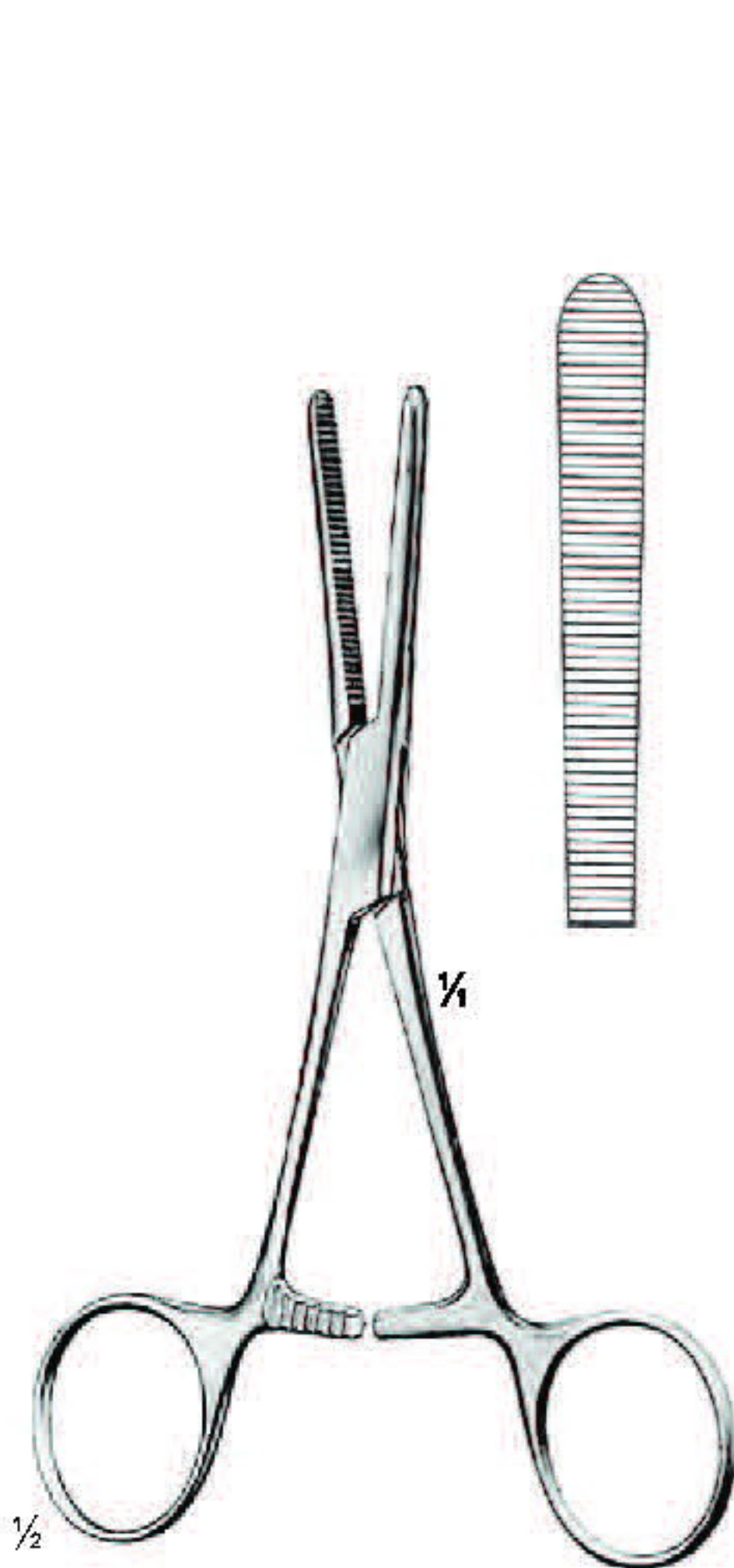
LORNA
 06-1657-10 10 cm/3 7/8"
 06-1657-13 13 cm/5 1/8"



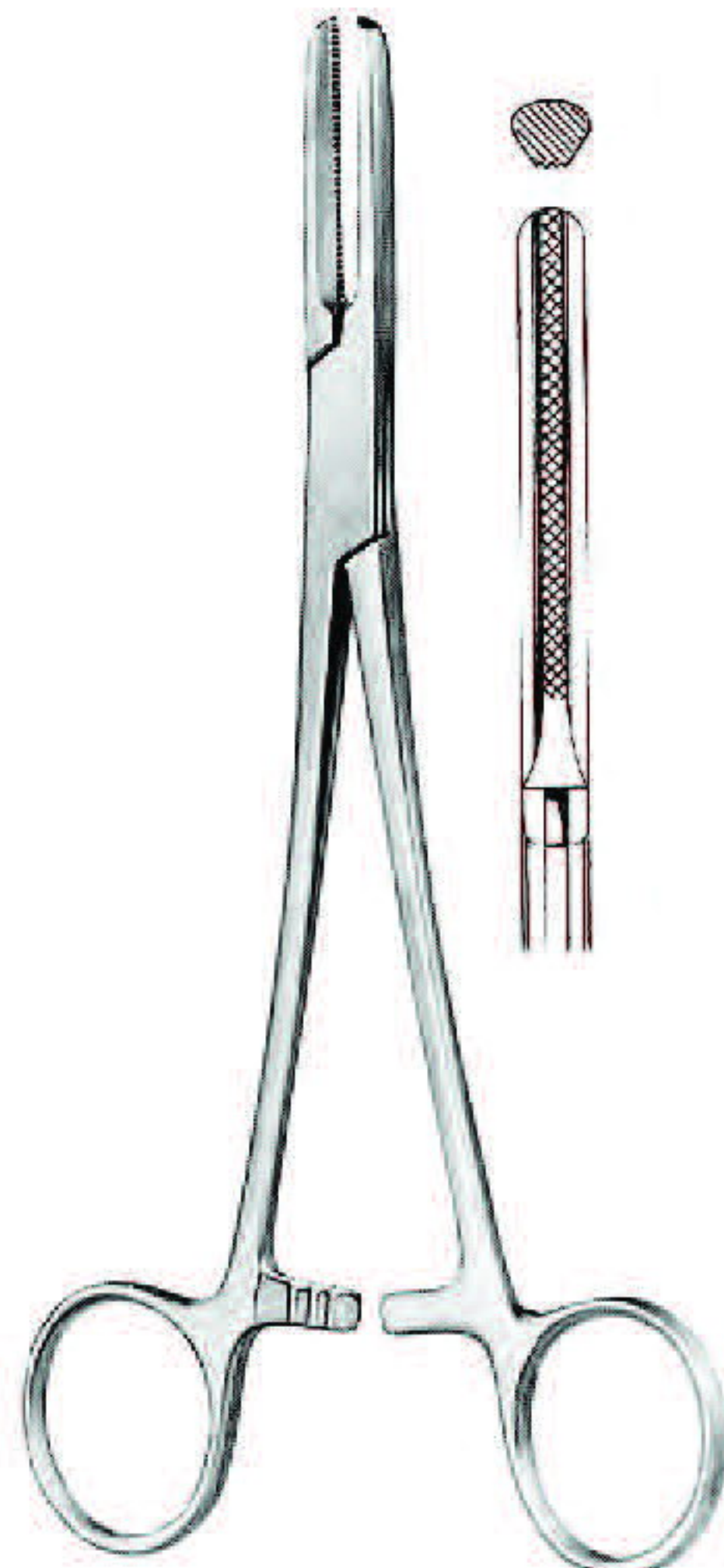
BERNHARD
 06-1658-16
 16.5 cm/6 1/2"



LANE
 06-1659-20
 20 cm/7 7/8"



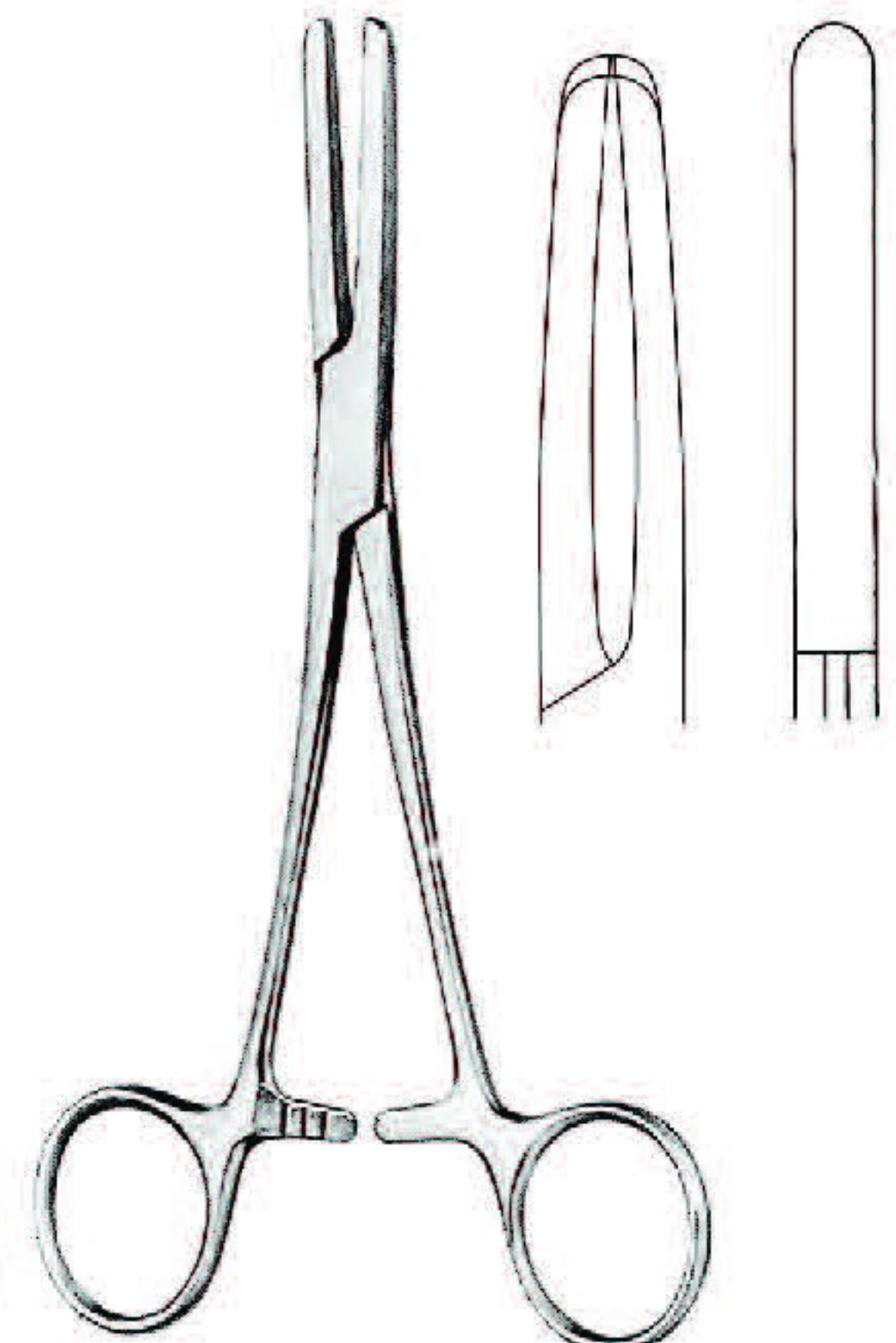
06-1660-14
 14.5 cm/5 3/4"
 with extra long ratchet



SCHOENBERG
 06-1661-15 15.5 cm/6 1/8"
 06-1661-19 19 cm/7 1/2"
 06-1661-20 20 cm/7 7/8"



SCHOENBERG
 06-1662-15 15.5 cm/6 1/8"
 06-1662-19 19 cm/7 1/2"
 06-1662-20 20 cm/7 7/8"
 with safety guard



PRESBYTERIAN-HOSPITAL
 06-1663-15 15.5 cm/6 1/8"
 06-1663-19 19 cm/7 1/2"
 06-1663-20 20 cm/7 7/8"

- EN** Cotton Swab Forceps
- DE** Tupfer-und Kornzangen
- ES** Pinzas para tapones y curaciones
- FR** Forceps de coton-tige
- IT** Pinza per tampone di cotone

Page 71 to 76



without ratchet

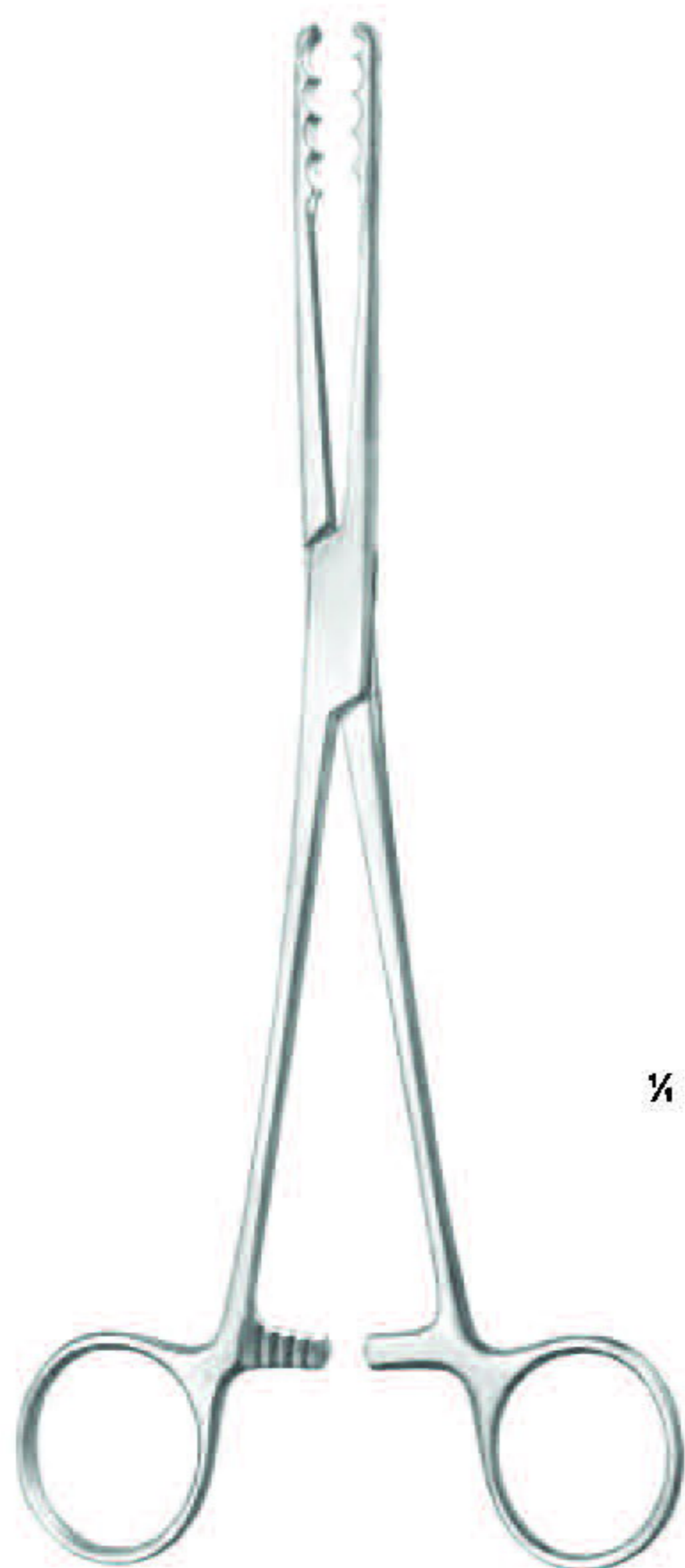
with ratchet

GROSS-MAIER

straight		curved		cm	in	straight		curved	
07-1901-16	07-1901-18	07-1902-16	07-1902-18	14.5	5 3/4"	07-1903-14	07-1903-16	07-1904-14	07-1904-16
07-1901-20	07-1901-25	07-1902-20	07-1902-25	16	6 1/4"	07-1903-18	07-1903-20	07-1904-18	07-1904-20
				18	7 1/8"	07-1903-25		07-1904-18	07-1904-25
				20	7 7/8"			07-1904-20	
				25	9 7/8"			07-1904-25	

GROSS-MAIER

straight		curved	
07-1905-20	07-1905-22	07-1906-20	07-1906-22
20 cm/7 7/8"	22 cm/8 1/2"		
	07-1905-25	07-1906-25	
	25 cm/9 7/8"		



ULRICH

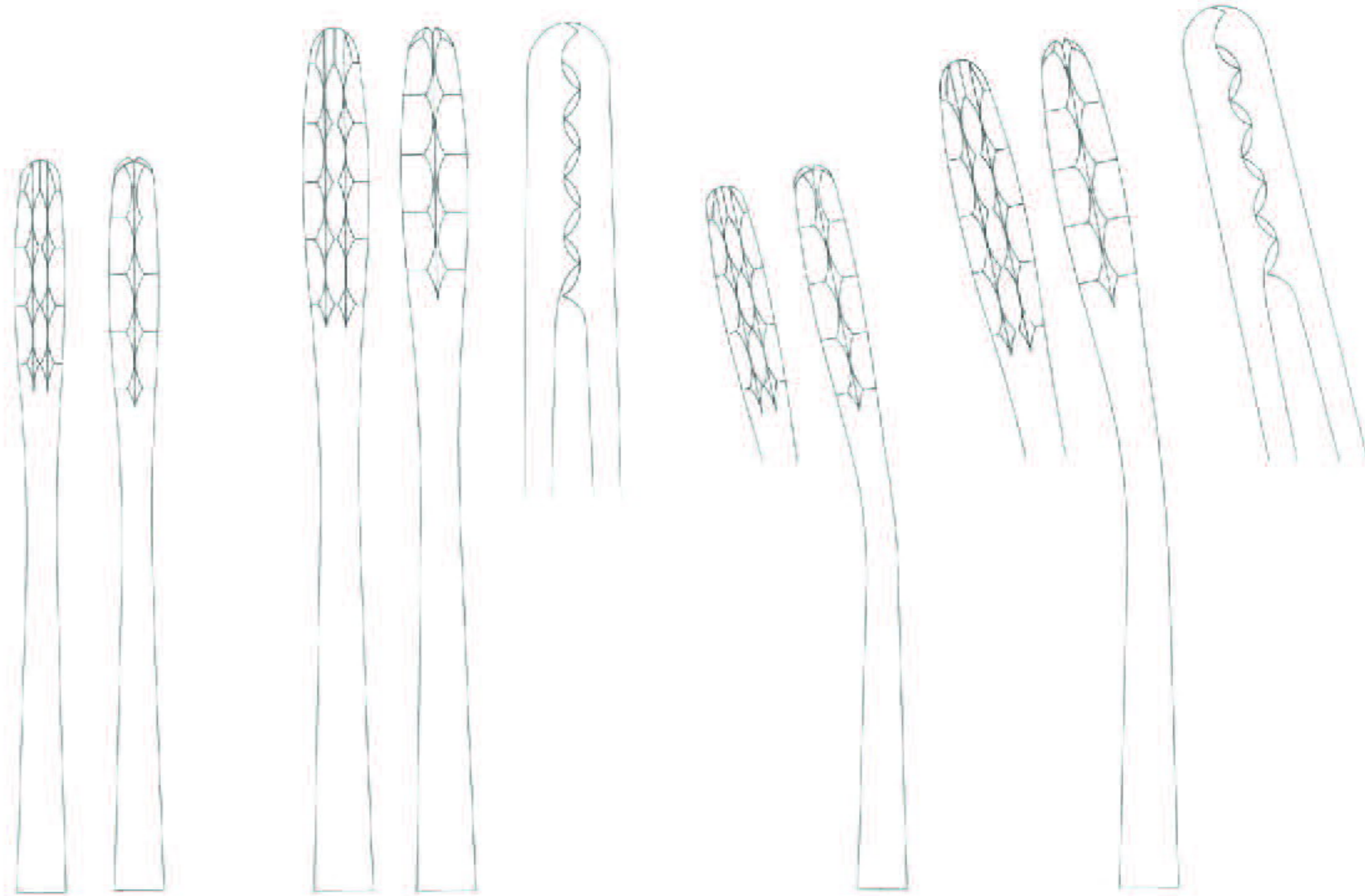
¼

07-1907-22
22.5 cm/8 ¾"

07-1907-26
26.5 cm/10 ½"

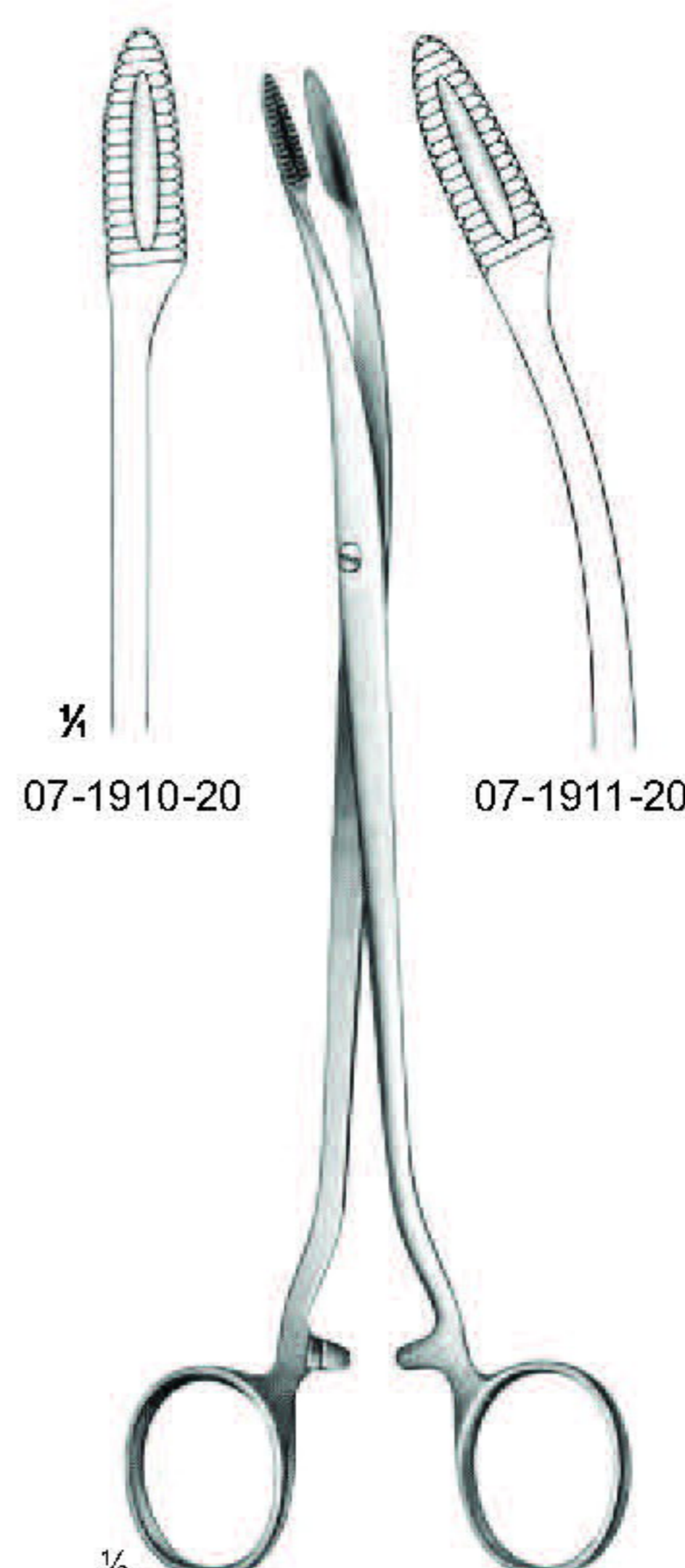
07-1908-22
22.5 cm/8 ¾"

07-1908-26
26.5 cm/10 ½"



½

EMMET
07-1909-21
21 cm/8 ¼"



¼

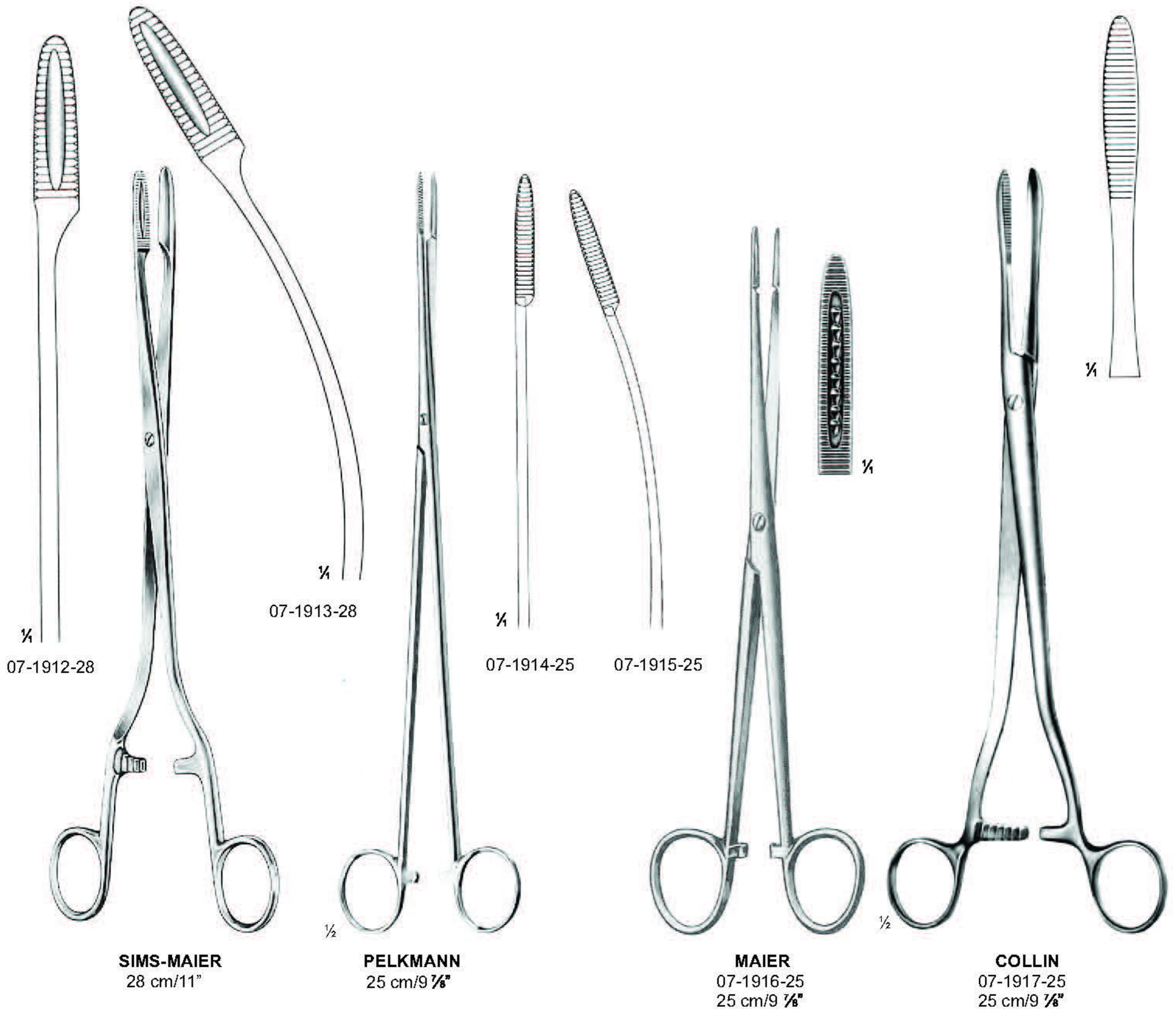
07-1910-20

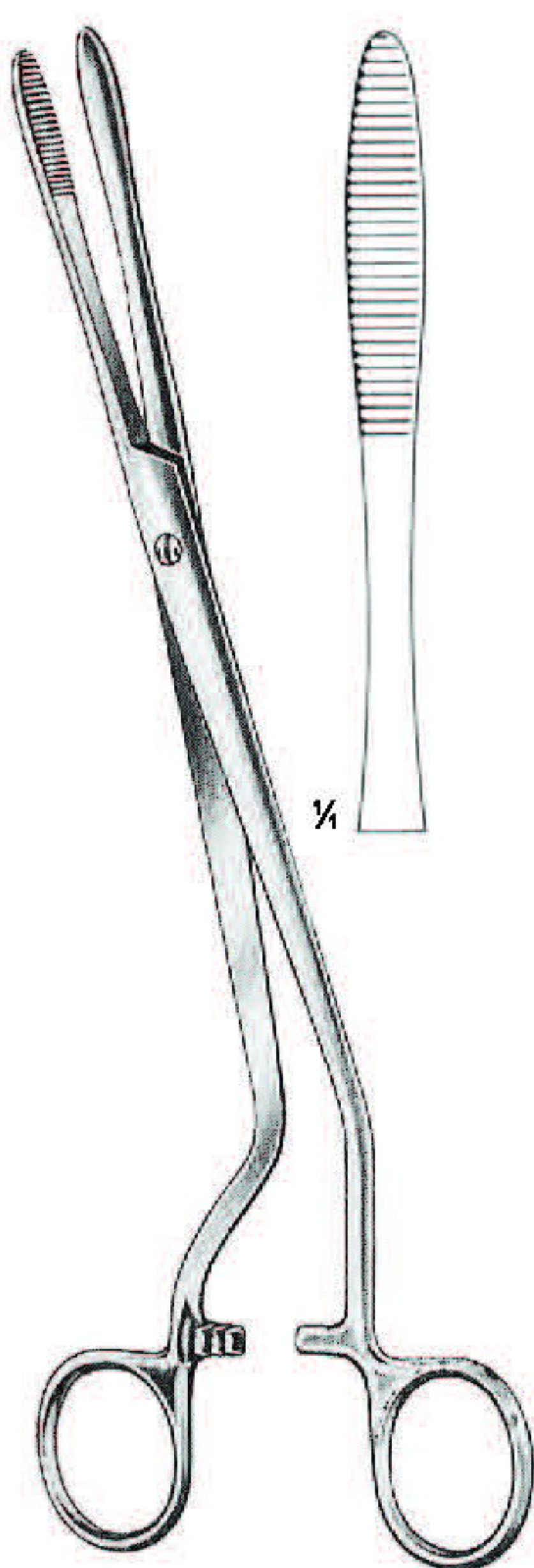
07-1911-20

½

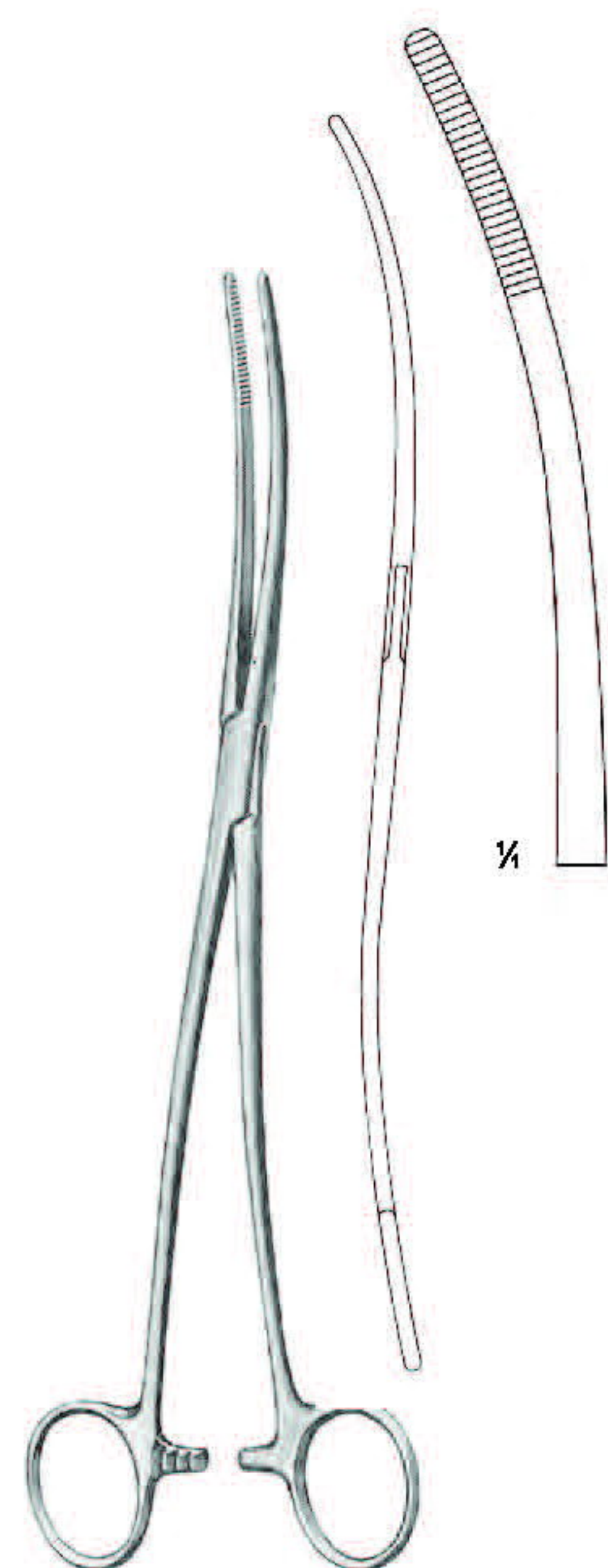
DUPLAY
20 cm/7 ¾"

COTTON SWAB FORCEPS

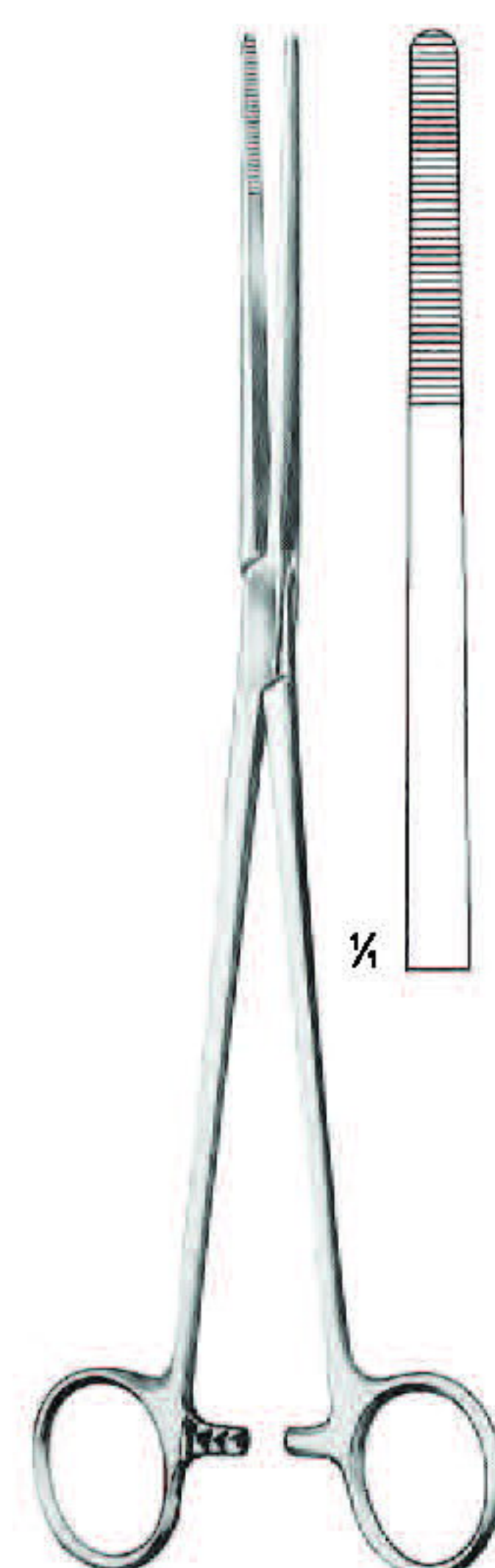




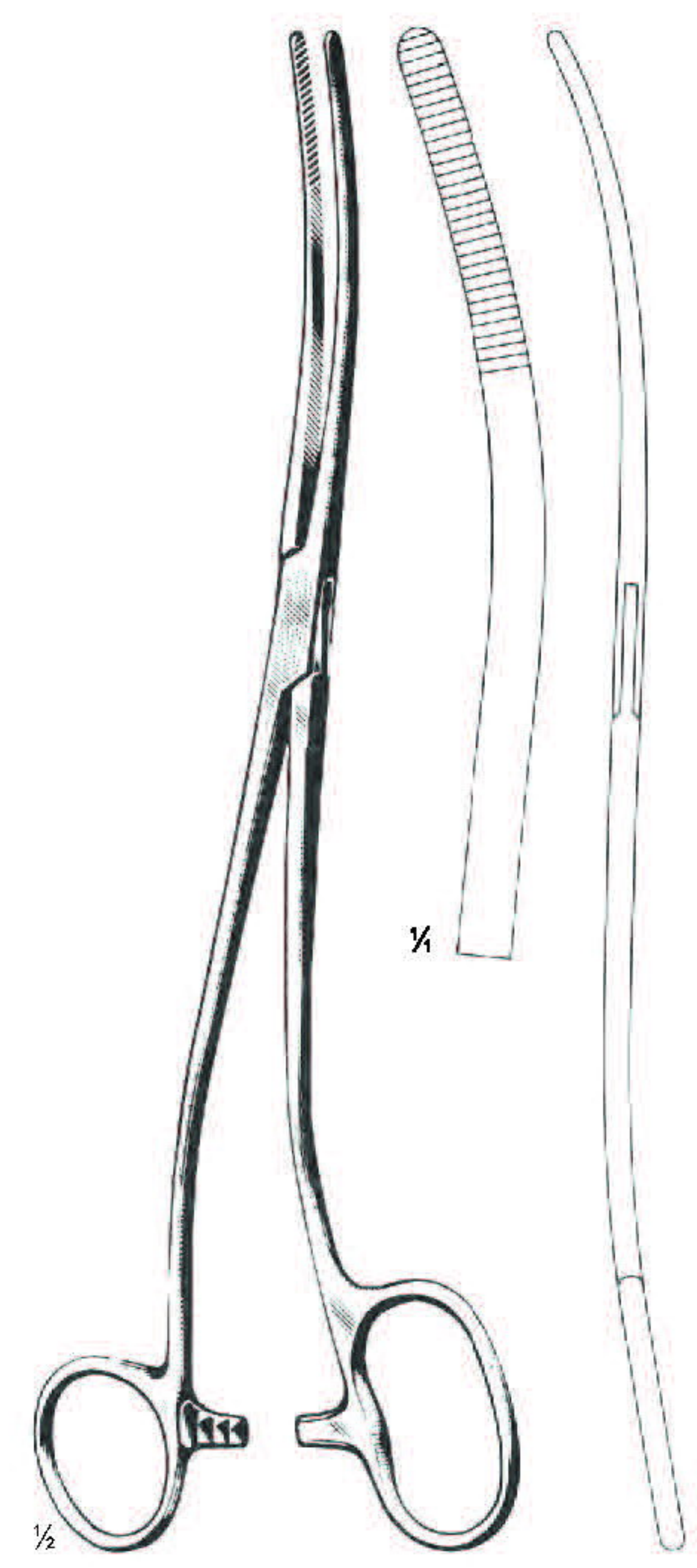
CHERON
 07-1918-25
 25 cm/9 7/8"



BOZEMANN
 07-1919-26
 26 cm/10 1/4"
 S-shaped



BOZEMANN
 07-1920-26
 26 cm/10 1/4"



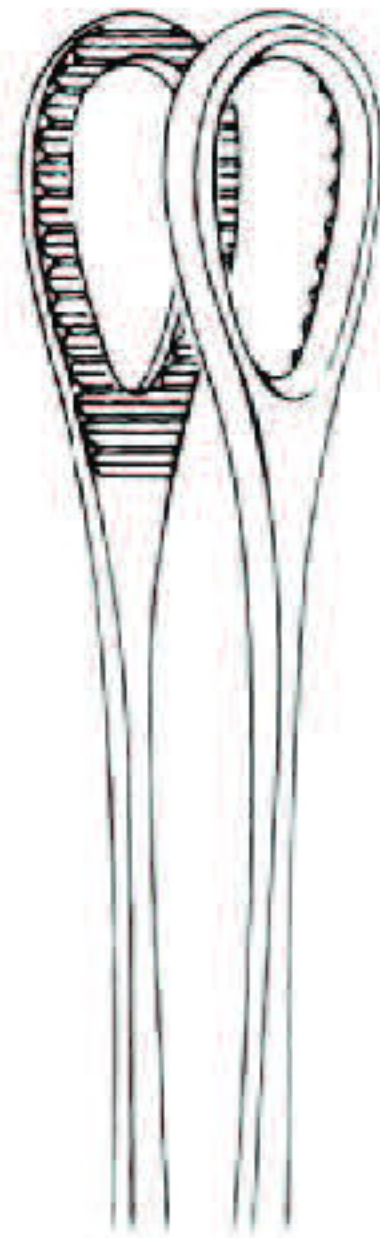
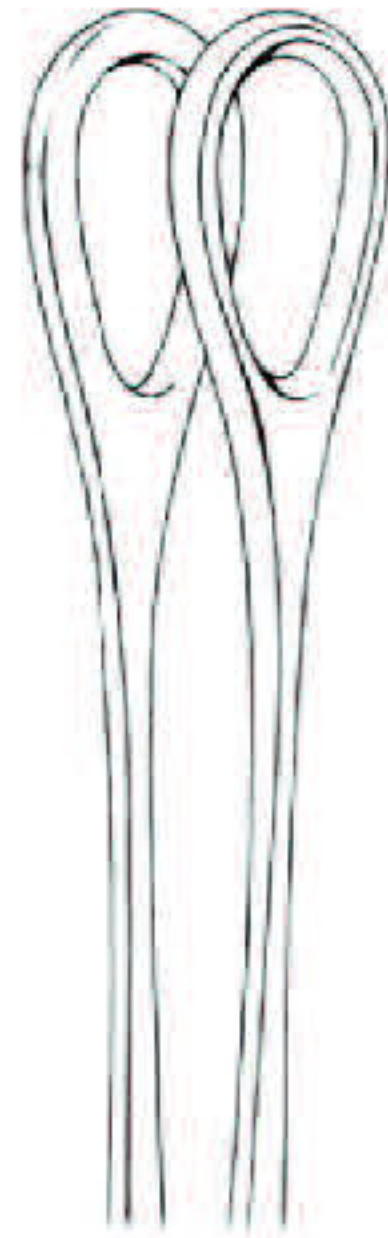
BOZEMANN DOUGLAS
 07-1921-26
 26 cm/10 1/4"

COTTON SWAB FORCEPS

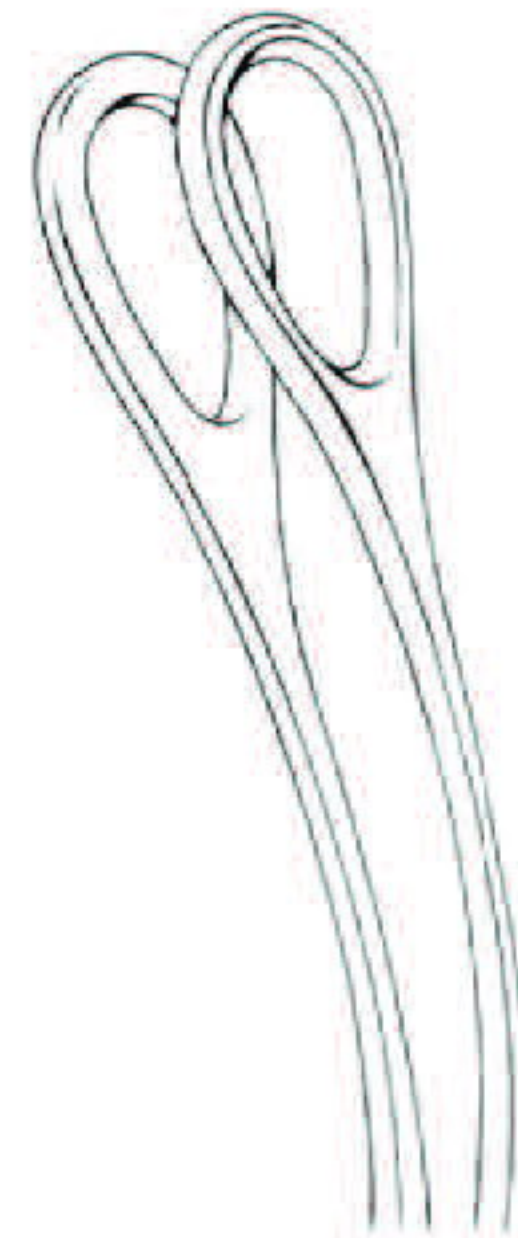


FOERSTER

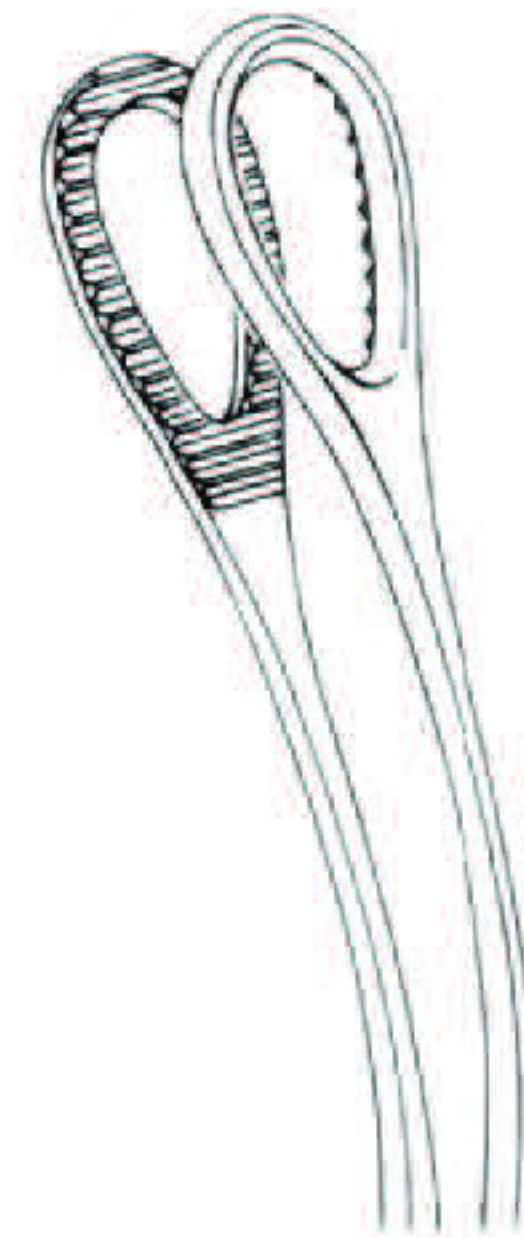
18 cm/7 1/8" 07-1922-18
 20 cm/7 7/8" 07-1922-20
 25 cm/9 7/8" 07-1922-25



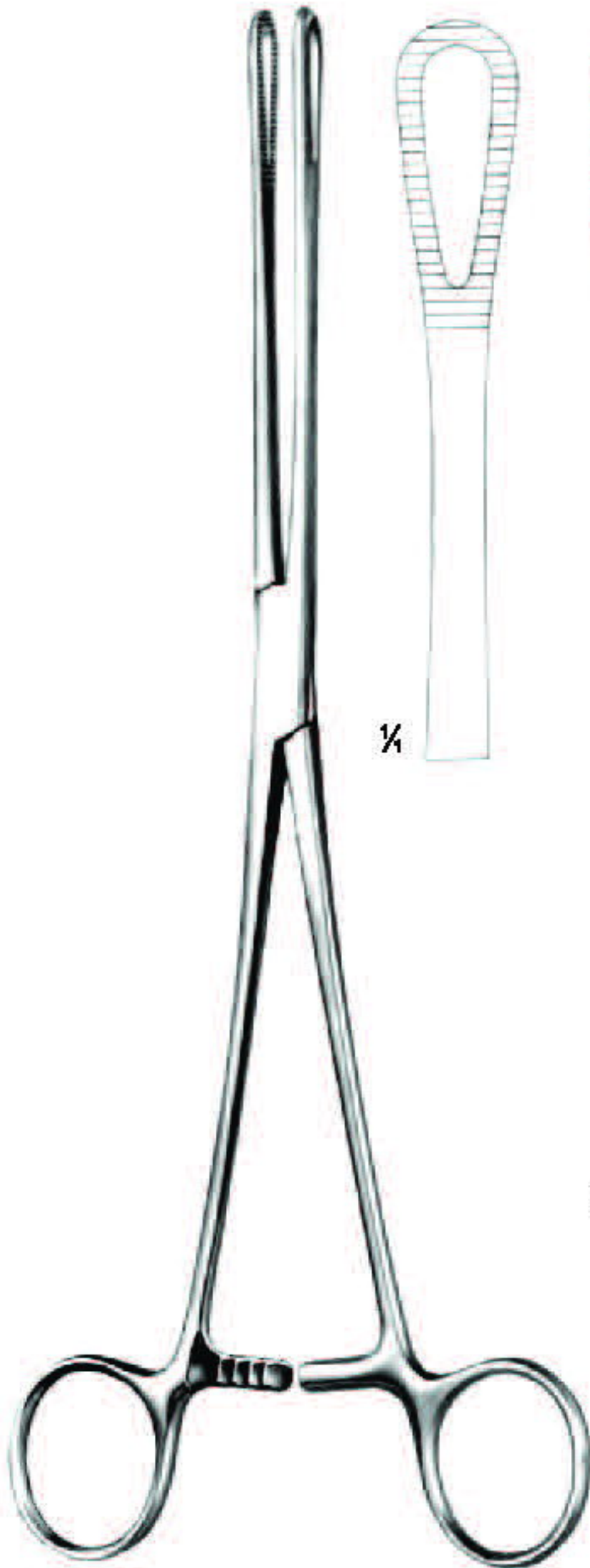
07-1923-18
 07-1923-20
 07-1923-25



07-1924-18
 07-1924-20
 07-1924-25



07-1925-18
 07-1925-20
 07-1925-25



RAMPLEY

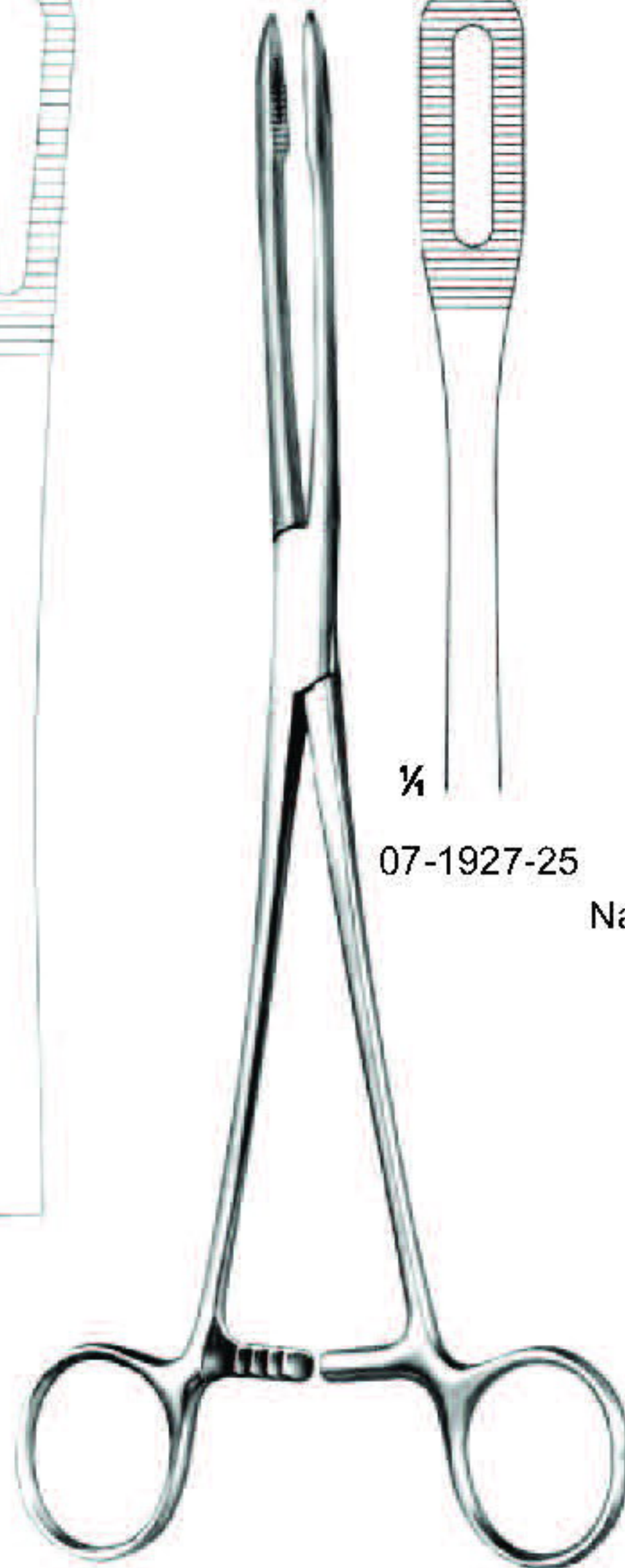
07-1926-18 18.5 cm/7 1/4"
 07-1926-24 24.5 cm/9 5/8"



1/4"



1/4"



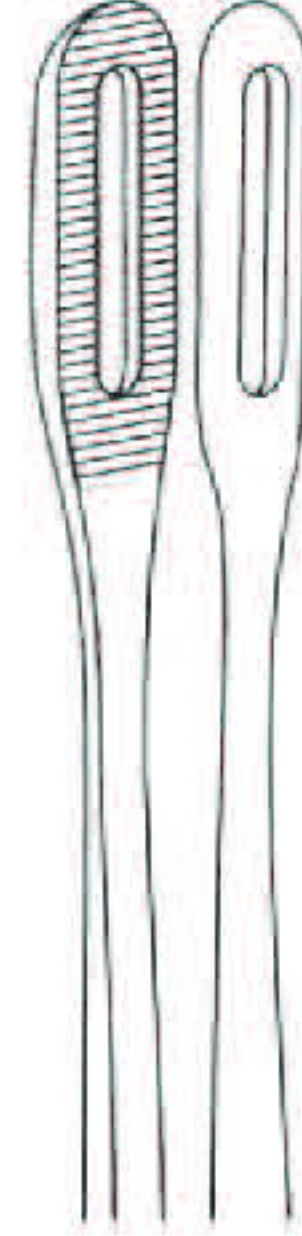
FOERSTER

25 cm/9 7/8"



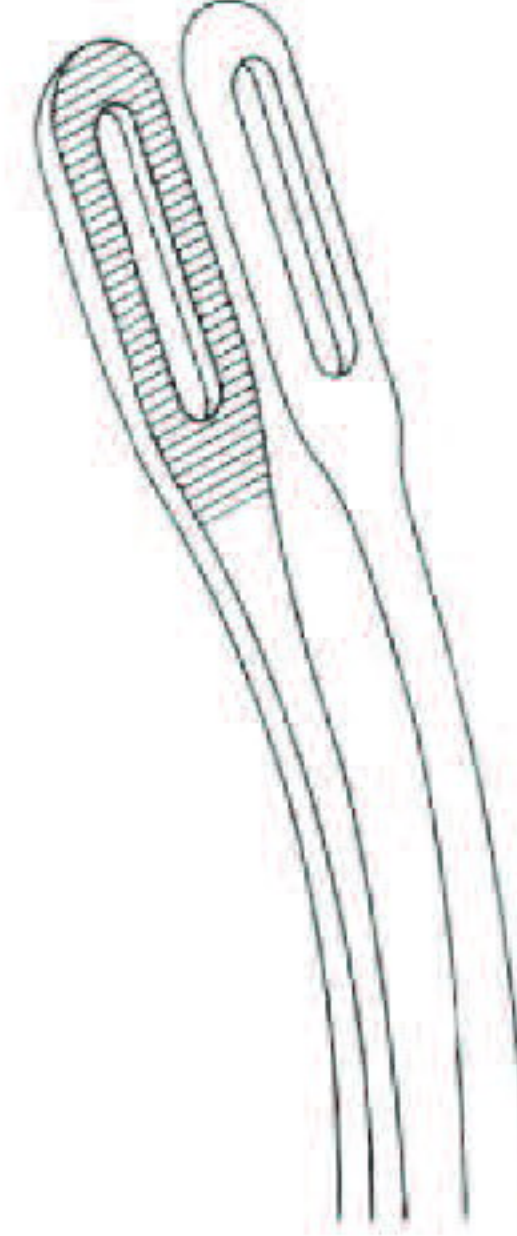
1/4"

07-1927-25

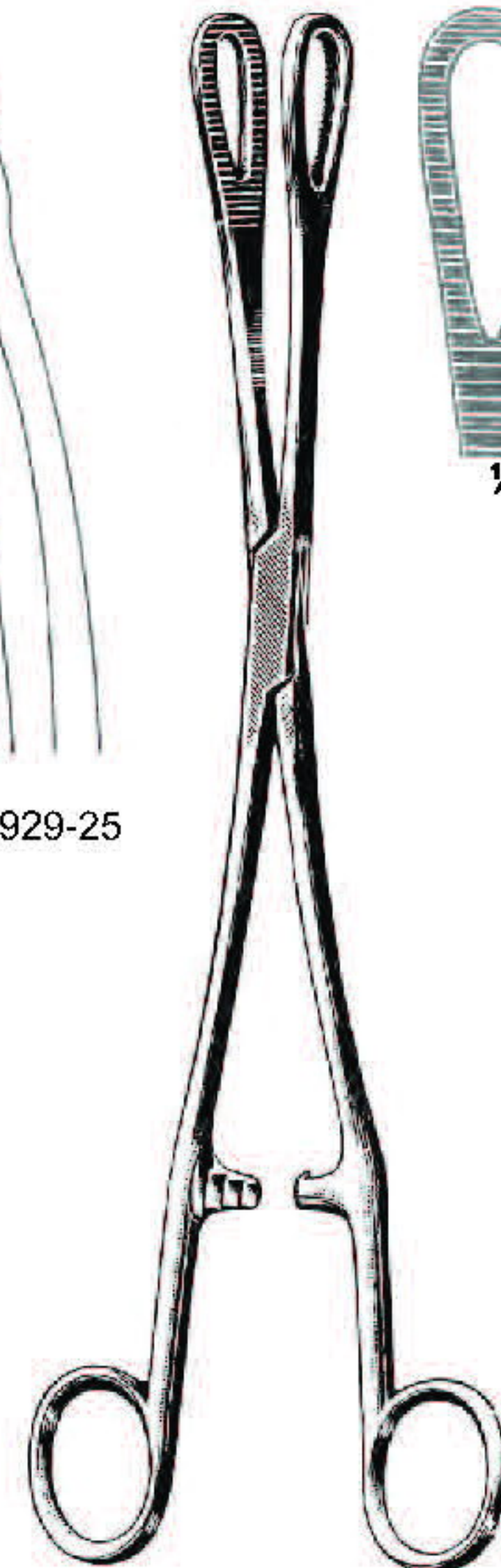


07-1928-25

Narrow



07-1929-25



RAMPLEY

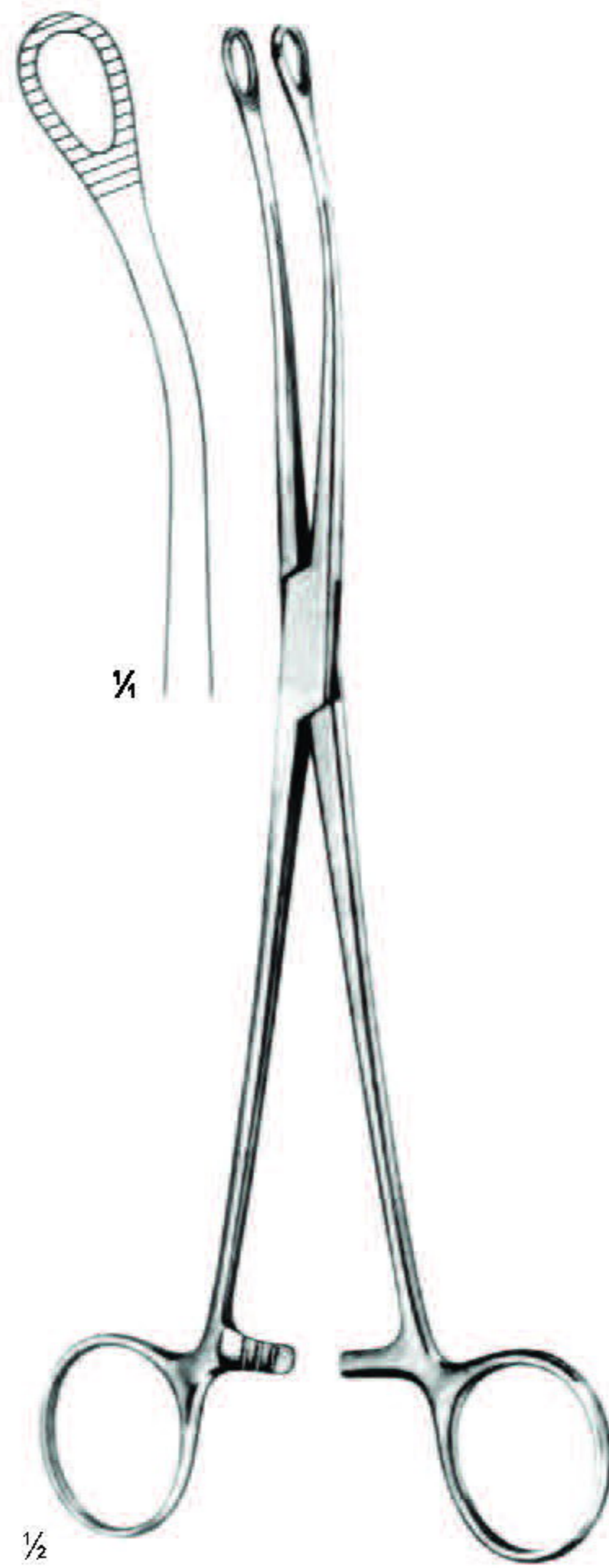
07-1930-25
 25 cm/9 7/8"



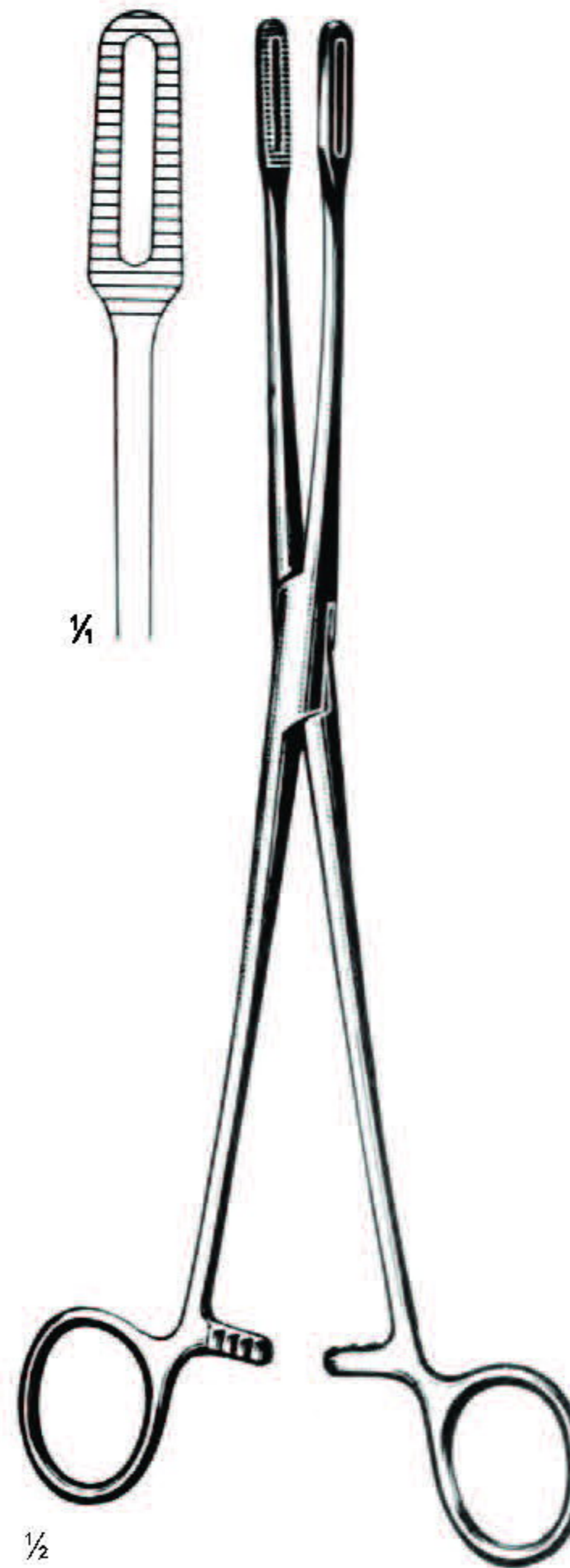
1/4"



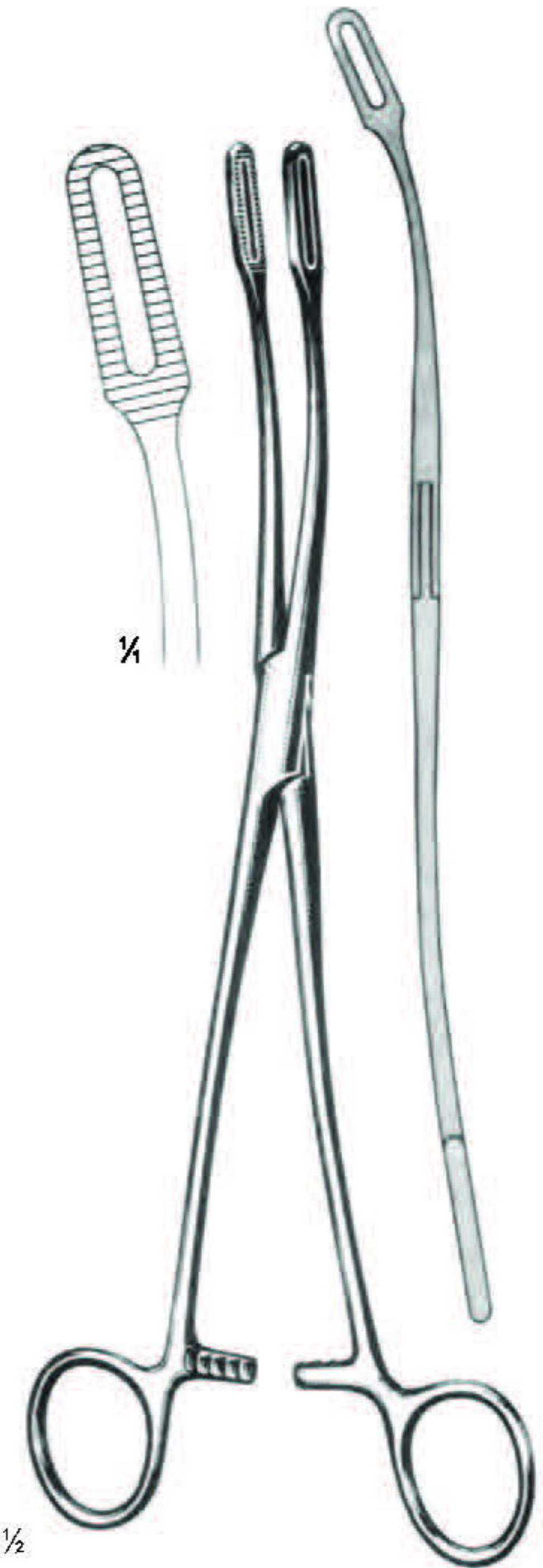
BERGMANN-FOERSTER
 07-1931-24
 24 cm/9 1/2"



BERGMANN-FOERSTER
 07-1932-24
 24 cm/9 1/2"



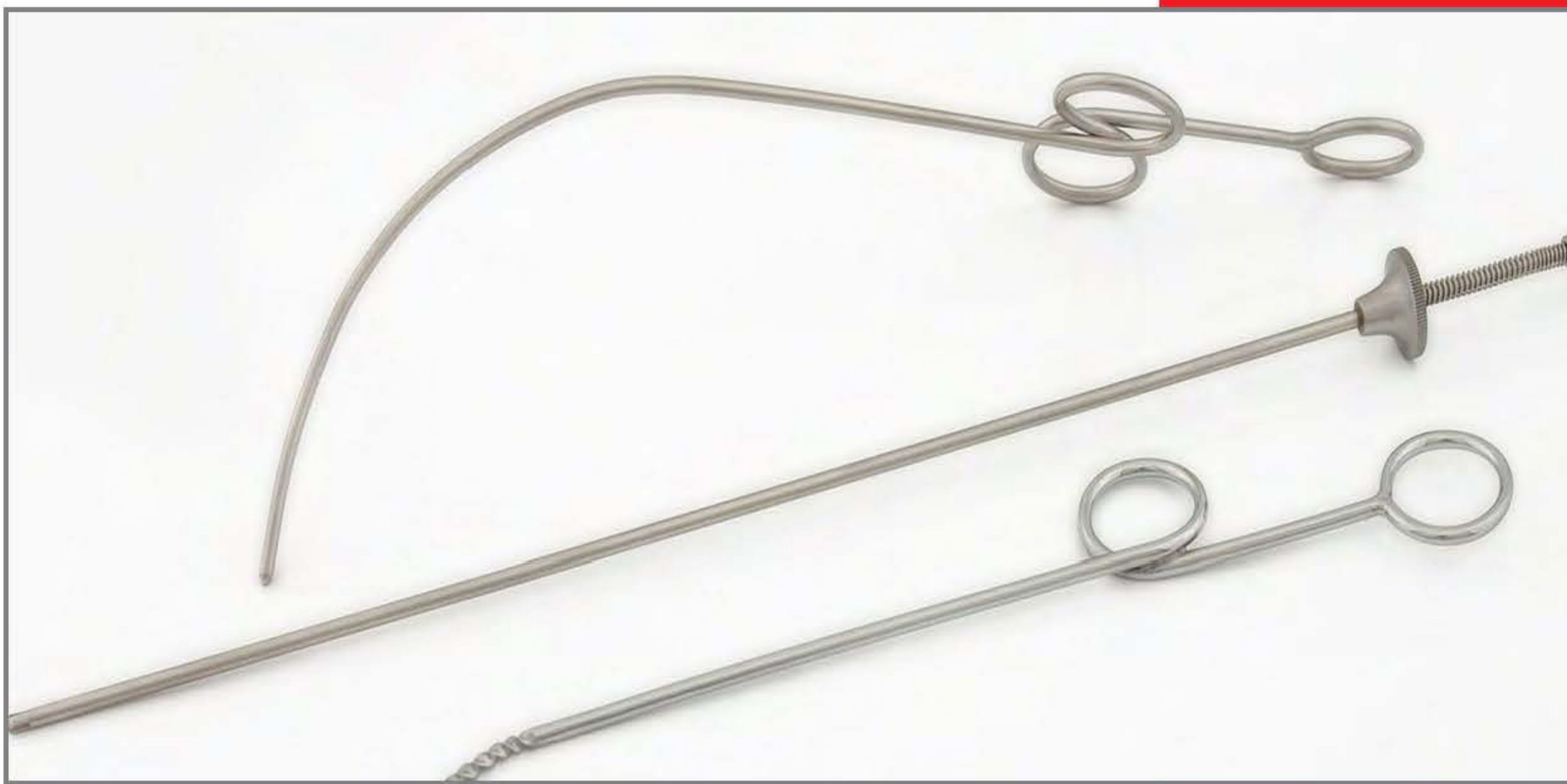
FLETCHER (JAVERTS)
 07-1933-24
 24 cm/9 1/2"



FLETCHER (JAVERTS)
 07-1934-24
 24 cm/9 1/2"

- EN** Probes, Applicators, Spatulas
- DE** Sonden, Watteträger, Spatel
- ES** Sondas, Porta-algodones, Espátula
- FR** Sondes, applicateurs, spatules
- IT** Sonde, applicatori, Spatole

Page 77 to 79



EN	Probes
DE	Knopfsonden
ES	Sondas abotonadas
FR	Sondes
IT	sonde



1mm



2mm



11.5cm	08-2001-11	08-2002-11	08-2003-11		
12.5cm	08-2001-12	08-2002-12	08-2003-12	08-2004-12	08-2005-12
14.0cm	08-2001-14	08-2002-14	08-2003-14	08-2004-14	08-2005-14
16.0cm	08-2001-16	08-2002-16	08-2003-16	08-2004-16	08-2005-16
18.0cm	08-2001-18	08-2002-18	08-2003-18	08-2004-18	08-2005-18
20.0cm	08-2001-20	08-2002-20	08-2003-20	08-2004-20	08-2005-20
25.0cm	08-2001-25	08-2002-25	08-2003-25		



		Silver		FISH		FISH	
10.5cm	08-2006-10	11.5cm	08-2007-11	08-2008-11	08-2009-14	14.5cm	08-2010-10
13.0cm	08-2006-13	12.5cm	08-2007-12	08-2008-12	08-2009-18	18.0cm	10.0cm
14.5cm	08-2006-14	14.0cm	08-2007-14	08-2008-14			
16.0cm	08-2006-16	16.0cm	08-2007-16	08-2008-16			
18.0cm	08-2006-18	18.0cm	08-2007-18	08-2008-18			
20.0cm	08-2006-20	20.0cm	08-2007-20	08-2008-20			
		25.0cm	08-2007-25	08-2008-25			



11.5cm 08-2011-11
 12.5cm 08-2011-12
 14.0cm 08-2011-14
 16.0cm 08-2011-16
 18.0cm 08-2011-18
 20.0cm 08-2011-20



08-2012-11
 08-2012-12
 08-2012-14
 08-2012-16
 08-2012-18
 08-2012-20



DOYEN
 08-2013-14
 14.0cm



NELATON
 08-2014-16
 16.0cm



08-2015-12
 12.0cm



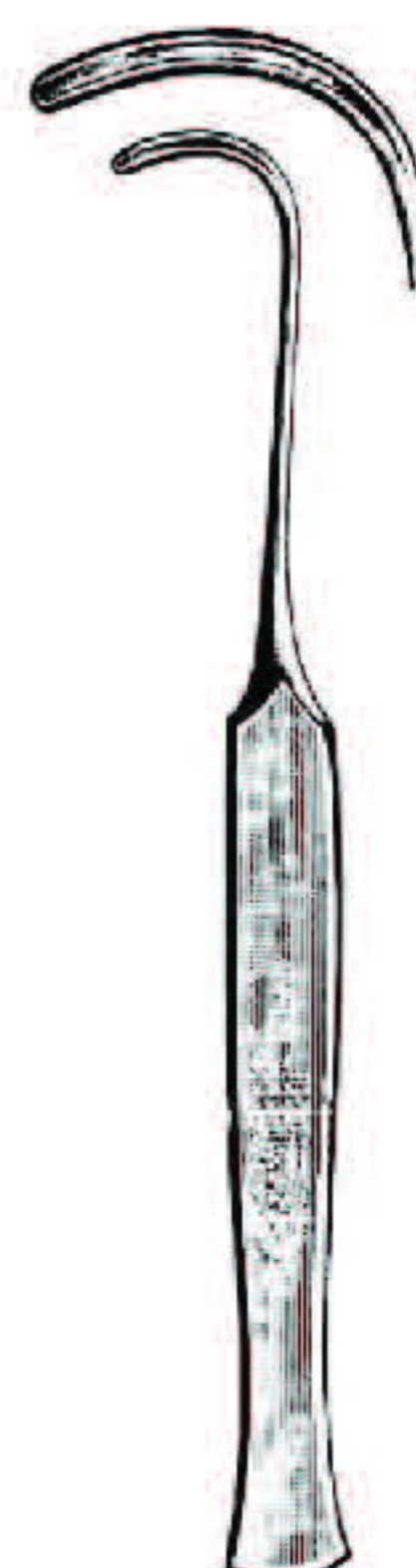
KRONECKER
 08-2016-16
 13.0 cm



JOHNS-HOPKINS
 08-2017-15
 15.0 cm



ROSER
 08-2018-12
 12.5 cm



SYME
 08-2019-17
 17.0 cm



08-2020-17
 17.0 cm

EN	Cotton Applicators
DE	Watteträger
ES	Porta-algodones
FR	Applicateurs de coton
IT	Applicatori di cotone

PROBES, APPLICATORS, SPATULAS



	FARREL	FARREL	FARREL				JOBSON-HORNE
12.0cm	08-2029-12	08-2030-12	08-2031-12	08-2032-12	08-2033-12	08-2034-12	08-2035-12 12.5 cm
14.0cm	08-2029-14	08-2030-14	08-2031-14	08-2032-14	08-2033-14	08-2034-14	08-2035-18 18.0 cm
16.0cm	08-2029-16	08-2030-16	08-2031-16	08-2032-16	08-2033-16	08-2034-16	
18.0cm	08-2029-18	08-2030-18	08-2031-18	08-2032-18	08-2033-18	08-2034-18	
23.0cm	08-2029-23	08-2030-23	08-2031-23				



JOBSON-HORNE					
08-2036-15	08-2037-16	08-2038-25	08-2039-28	08-2040-28	08-2041-28
15.0 cm	16.0 cm	25.0 cm	28.0 cm	28.0 cm	28.0 cm

- EN** Bone Surgery
- DE** Knochenchirurgie
- ES** Cirugía ósea
- FR** Chirurgie osseuse
- IT** Chirurgia ossea

Page 80 to 114



EN	Mallets
DE	Hämmer
ES	Martillos
FR	Maillets
IT	Mallets

BONE SURGERY



Mead
09-2201-17 17 cm/6 1/2"
26mm Ø, 320 g (11 1/4 oz)



Partsch
09-2202-18 18 cm/7"
22mm Ø, 200 g (7 oz)



09-2203-30
30mm Ø, 510 g



09-2204-26 250 g
09-2205-26 450 g
26.5 cm/10 3/4"



09-2206-18 18.5 cm/7 1/2"
25mm Ø 135 g



lead filled

09-2207-19 19 cm/7 3/4"
22mm Ø 155 g



Hajek
09-2208-22 22 cm/8 3/4"
27mm Ø 130 g

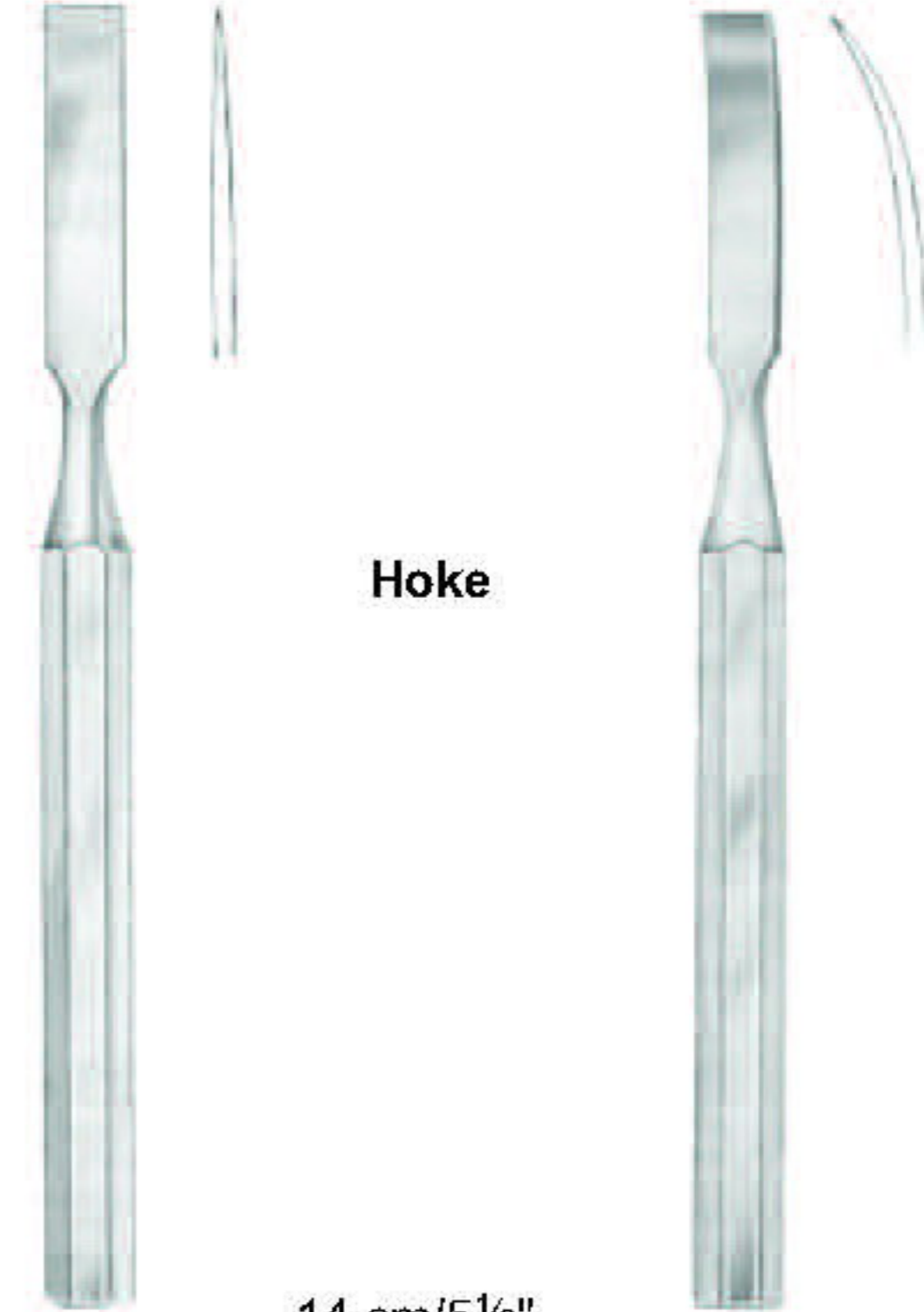
EN	Bone Chisels, Gauges
DE	Knochenmeißel, Hohlmeißel
ES	Cinceles, Gubias
FR	Burins à os, jauges
IT	Bone scalpelli, calibri

BONE SURGERY



Alexander
18 cm/7"

	mm	
09-2246-04	04	09-2247-04
09-2246-06	06	09-2247-06
09-2246-08	08	09-2247-08
09-2246-10	10	09-2247-10
09-2246-12	12	09-2247-12
09-2246-14	14	09-2247-14



Hoke

14 cm/5½"

	mm	
09-2248-02	2	09-2249-02
09-2248-03	3	09-2249-03
09-2248-04	4	09-2249-04
09-2248-05	5	09-2249-05
09-2248-06	6	09-2249-06
09-2248-07	7	09-2249-07
09-2248-08	8	09-2249-08



Smith-Petersen
20 cm/8"

mm

06	09-2250-06	09-2251-06	09-2252-06	09-2253-06
09	09-2250-09	09-2251-09	09-2252-09	09-2253-09
13	09-2250-13	09-2251-13		
14			09-2252-14	09-2253-14
16	09-2250-16	09-2251-16	09-2252-16	09-2253-16
19	09-2250-19	09-2251-19	09-2252-19	09-2253-19
25	09-2250-25	09-2251-25	09-2252-25	09-2253-25
32	09-2250-32	09-2251-32	09-2252-32	09-2253-32



Lambotte
21 cm/8¼"

Width

	mm
09-2305-21	05
09-2306-21	10
09-2307-21	15
09-2308-21	20
09-2309-21	25



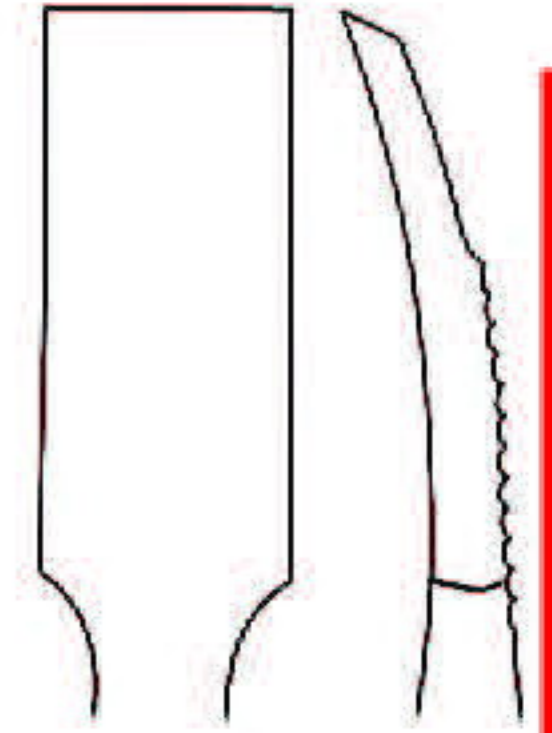
Schneider
09-2310-17
13 mm
17.5 cm/7"



Schneider-Sauerbruch
09-2311-19
13 mm
19 cm/7½"



Alexander
09-2312-20
20 cm/8"



Jansen
09-2313-16
15 mm
16.5 cm/6½"



Seldin
09-2314-19
19 cm/7½"



Davidson-Alexander
09-2315-29
29 cm/11½"



Williger
09-2316-13
13 cm/5"

EN	Bone Chisels, Gauges
DE	Knochenmeißel, Hohlmeißel
ES	Cinceles, Gubias
FR	Burins à os, jauges
IT	Bone scalpelli, calibri

BONE SURGERY



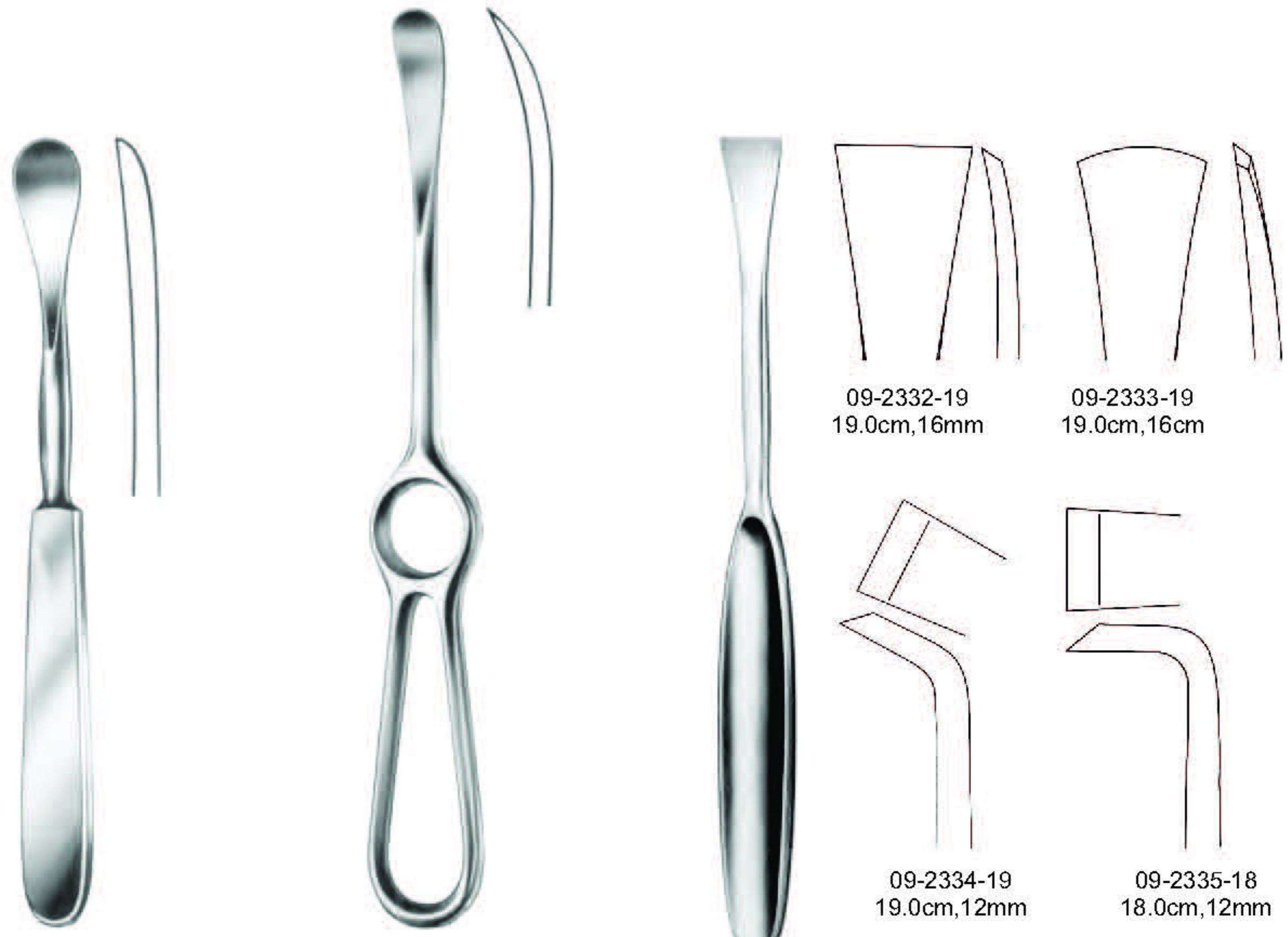
Farabeuf
09-2325-15
15 cm/6"

Farabeuf
09-2326-15
15 cm/6"

Farabeuf-Collin
09-2327-15
15.5 cm/6"
11 mm

Farabeuf-Collin
09-2328-15
15.5 cm/6"
11 mm

Farabeuf
09-2329-19
19 cm/7 1/2"
13 mm



Sedillot
09-2330-18
18 cm/7"
18 mm

Sedillot
09-23301-21
21 cm/8 1/4"
15 mm

LANGENBECK

09-2332-19
19.0cm, 16mm

09-2333-19
19.0cm, 16cm

09-2334-19
19.0cm, 12mm

09-2335-18
18.0cm, 12mm



Overholt
 09-2336-29
 29.5 cm/11½"



Overholt
 09-2337-29
 29.5 cm/11½"



Overholt
 09-2338-28
 28.5 cm/11¼"



Hyllin
 09-2341-14
 14.5 cm/5¾"



09-2339-14



09-2340-14



09-2341-14



Matson
 09-2342-22
 22 cm/8¾"

EN	Amputating and Resection Saws
DE	Amputations- und Resektionssägen
ES	Sierras para amputación y resección
FR	Scies d'amputation et de résection
IT	Sega di amputazione e resezione



Spare Saw Blade
09-2435-12 12mm
09-2435-15 15mm
09-2435-18 18mm



Chaarriere
09-2436-35
35 cm/14"



Spare Saw Blade
09-2437-03 3mm
09-2437-05 5mm
09-2437-07 7mm



Helferich-Bier
09-2438-39
39 cm/15 3/4"

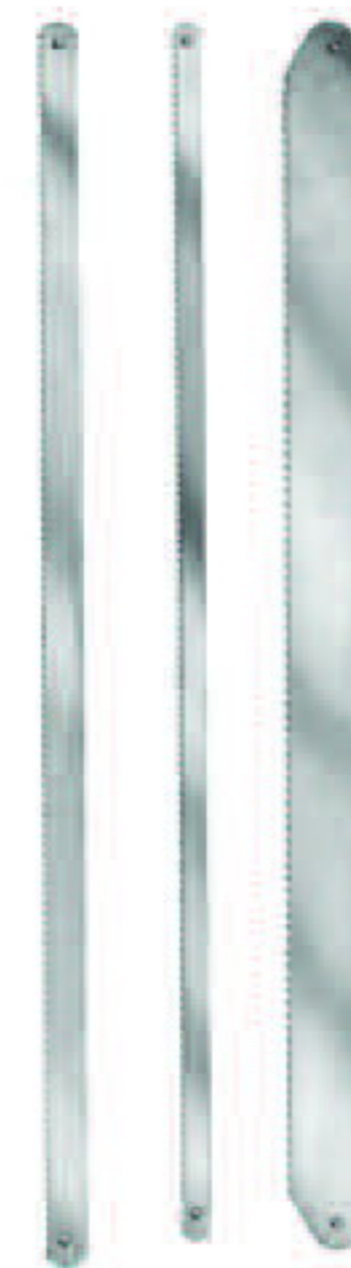


Lindemann
09-2439-20
20 cm/8"



Langenbeck
09-2440-23
23 cm/9"

09-2441-06 6mm
09-2441-08 8mm
09-2441-12 12mm
09-2441-15 15mm
09-2441-18 18mm



Rust
09-2442-39
39 cm/15 3/4"





Charriere
09-2443-27 27 cm/11"
09-2443-30 30 cm/12"
09-2443-34 33 cm/13"



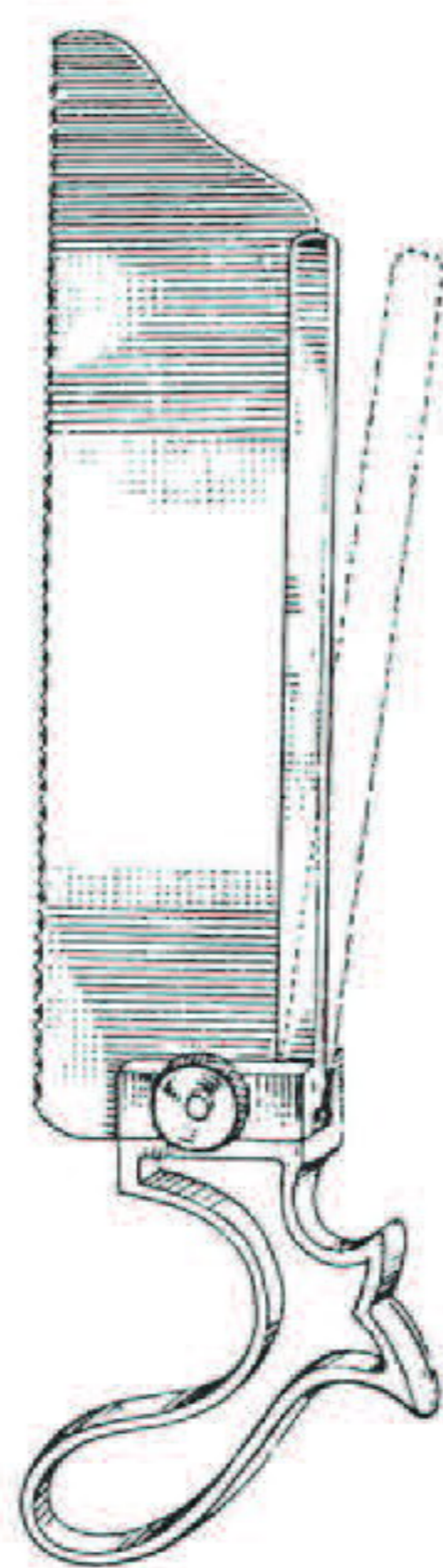
Satterlee
09-2444-31
31 cm/12 1/2"



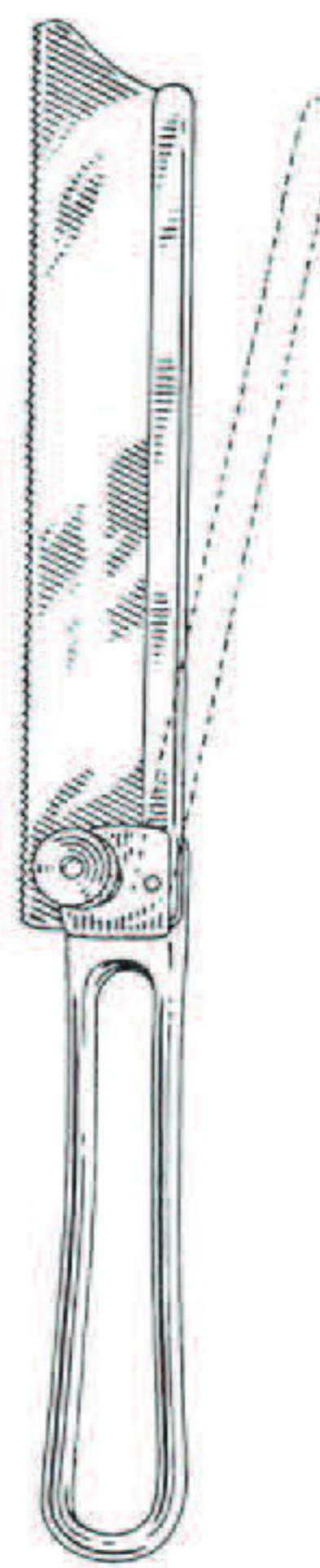
Charriere
09-2445-27 27 cm/11"
09-2445-30 30 cm/12"



Satterlee
09-2446-31
31 cm/12 1/2"



09-2447-23
23 cm/9"

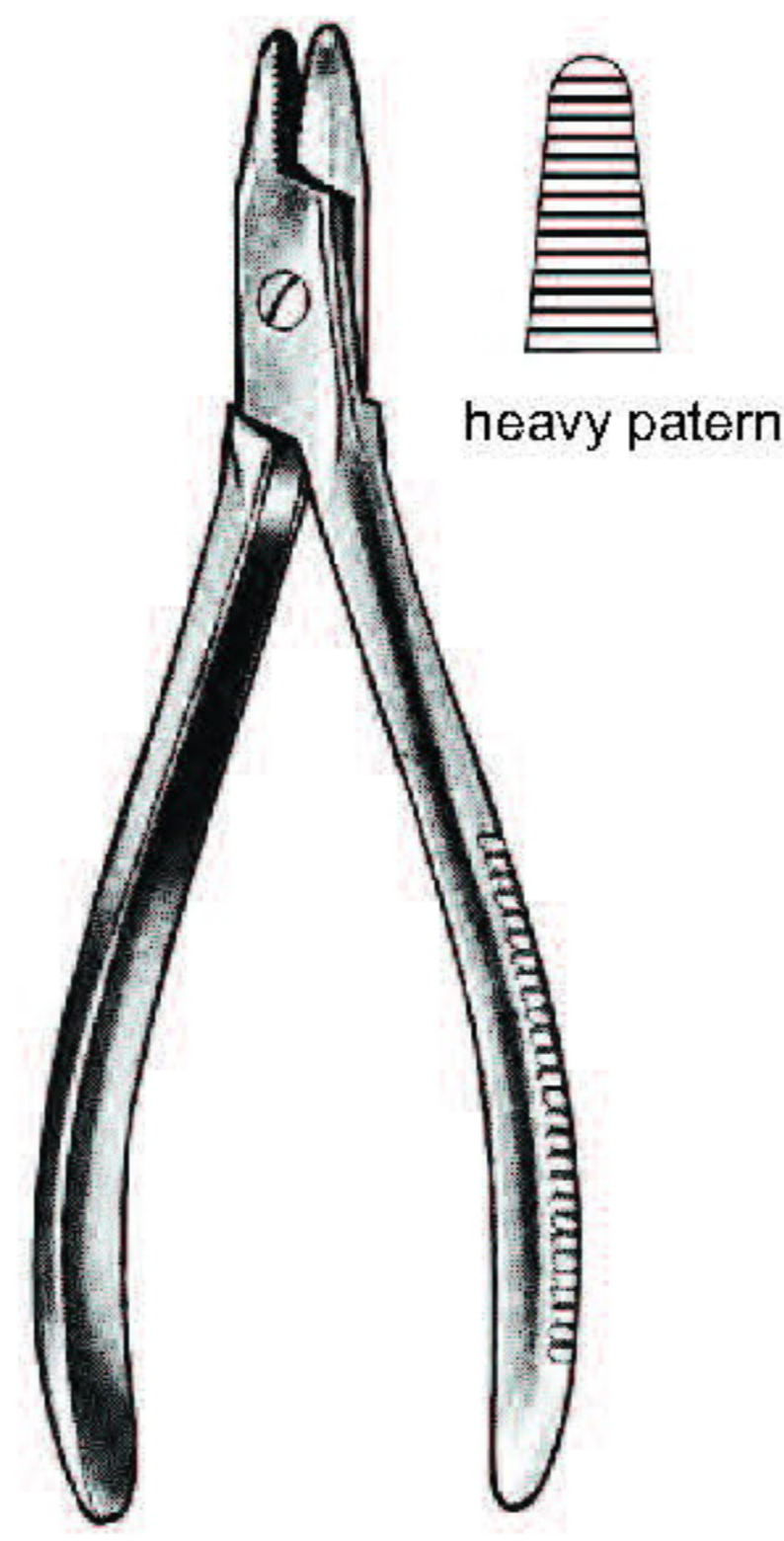


09-2448-19
19 cm/7 1/2"

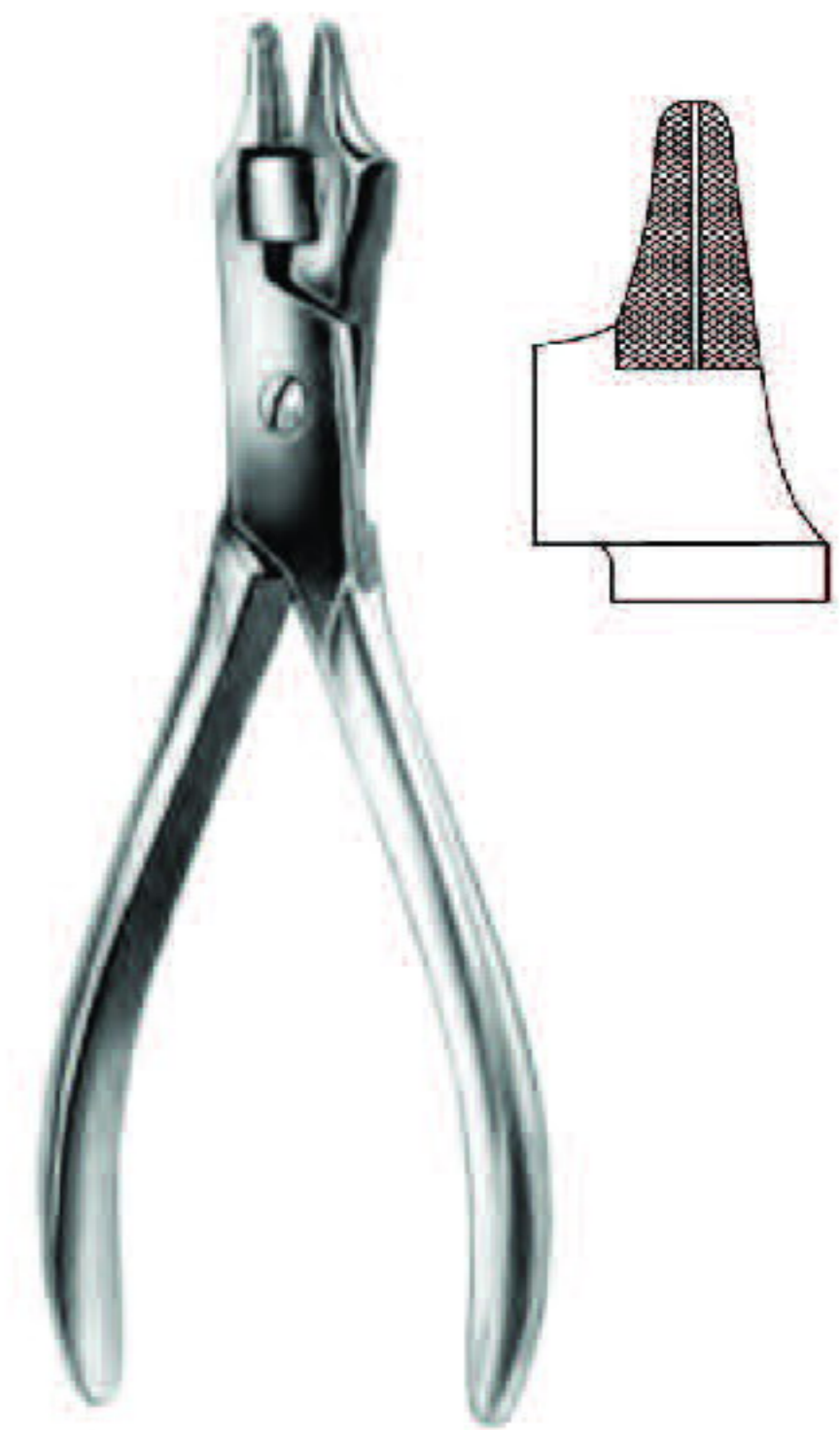
BONE SURGERY



09-2486-16
16.5 cm/6 1/2"



09-2487-16
16 cm/6 1/2"



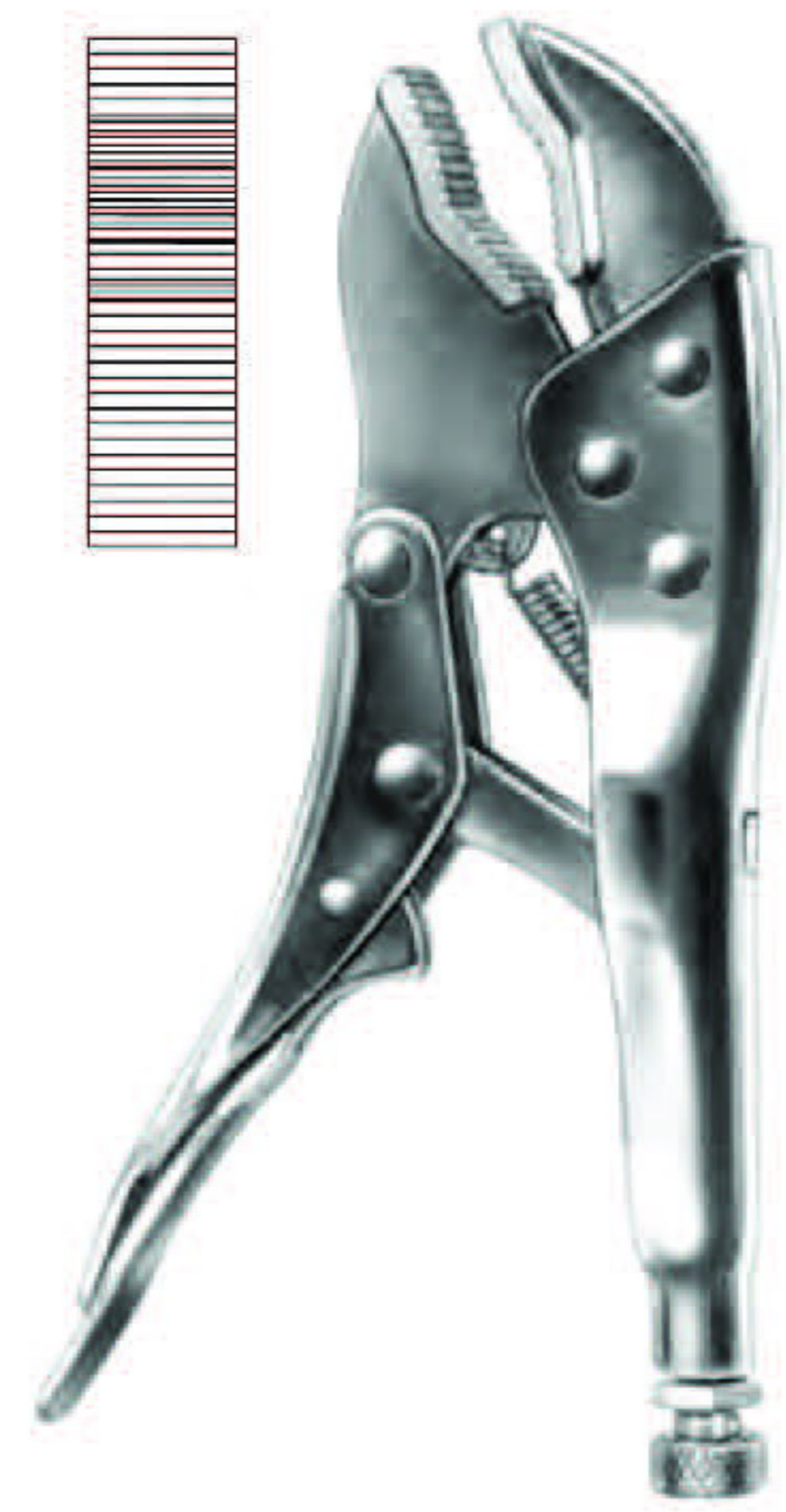
09-2488-15
15 cm/6"



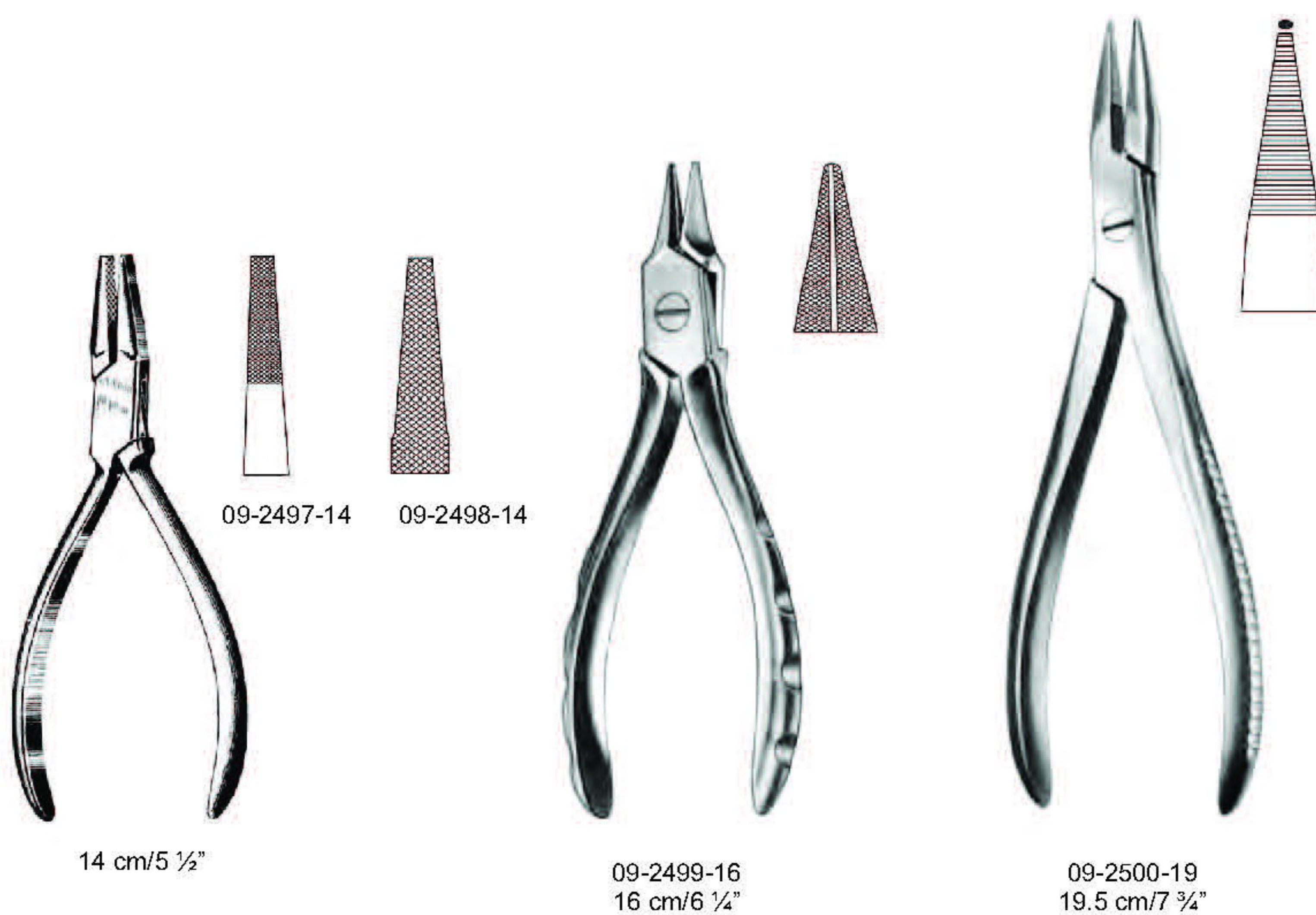
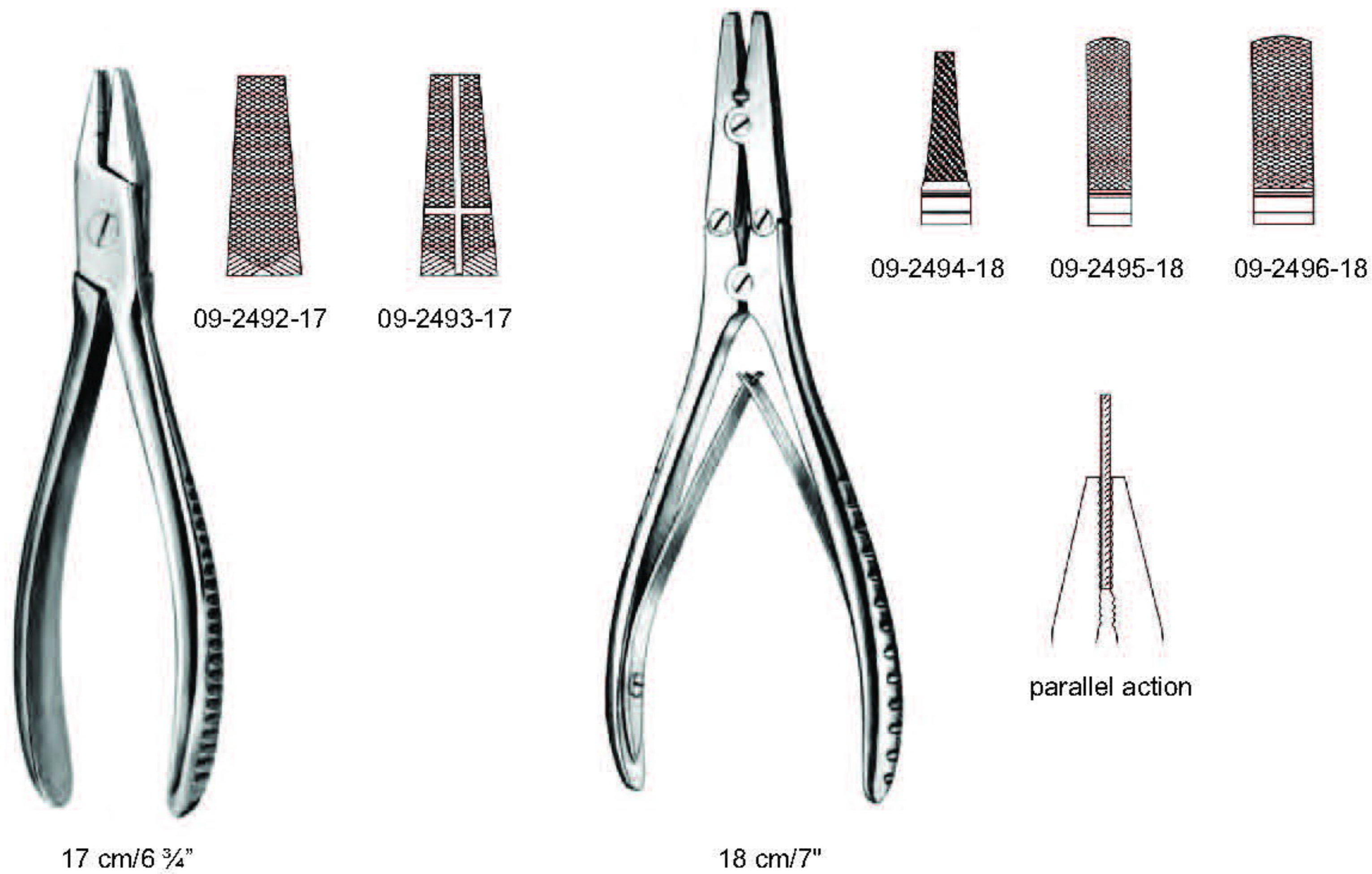
09-2489-17
17 cm/6 3/4"



09-2490-18
18 cm/7"



09-2491-18
18 cm/7"



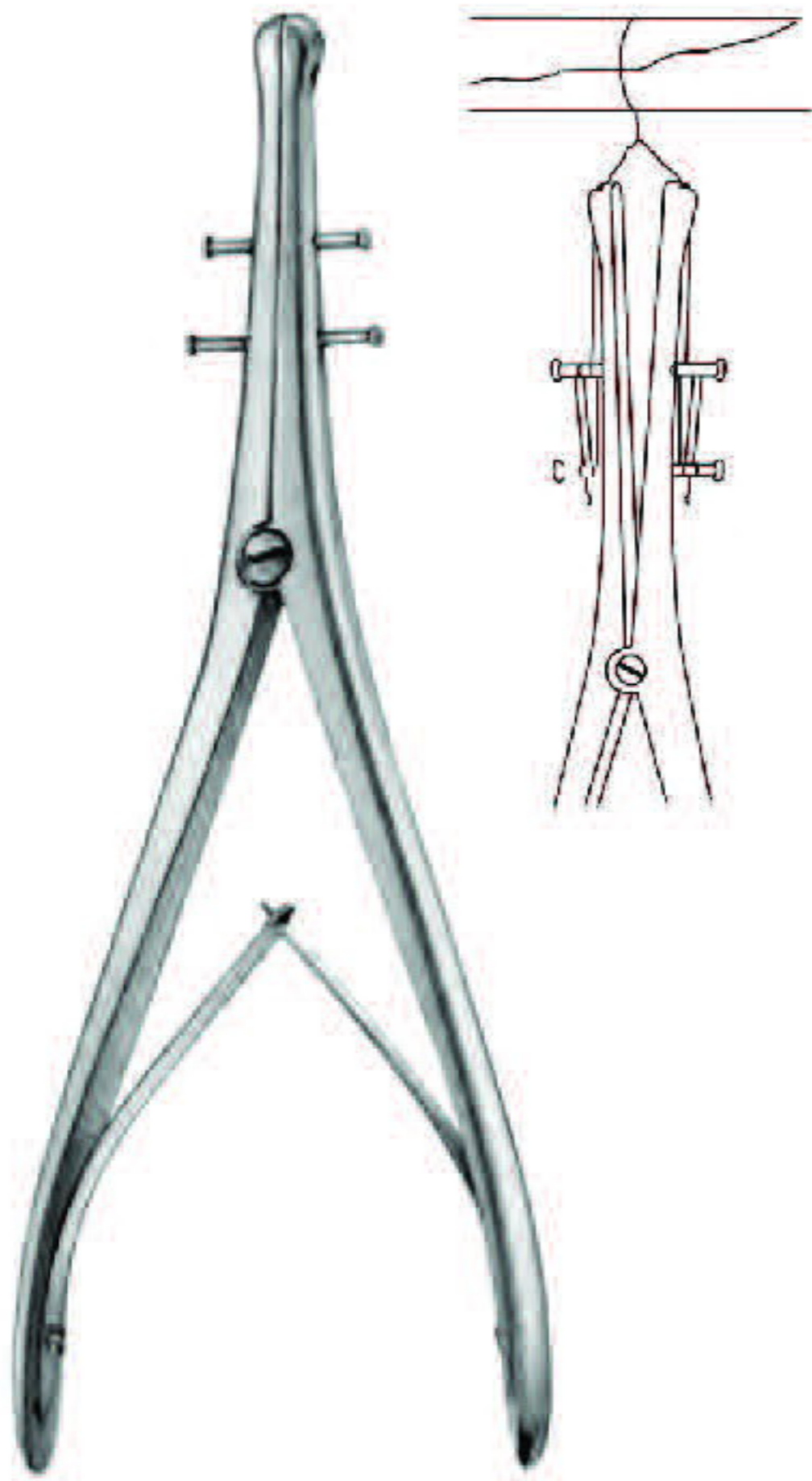
BONE SURGERY



PARHAM
 09-2501-18 18 cm/7"
 09-2501-20 20 cm/8"
 09-2501-25 25 cm/10"
 09-2501-30 30 cm/12"



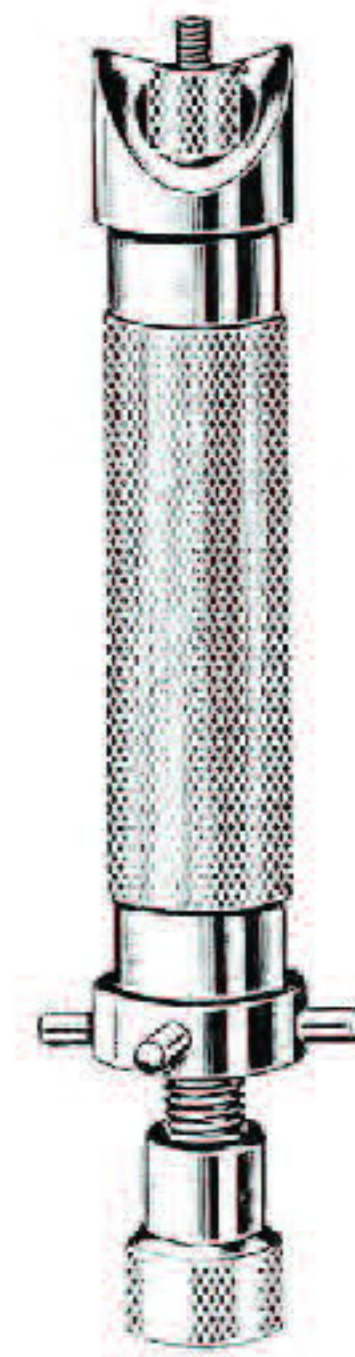
PARHAM
 09-2502-22
 22 cm/9 3/4"



DEMEL
 09-2503-28
 28 cm/11"

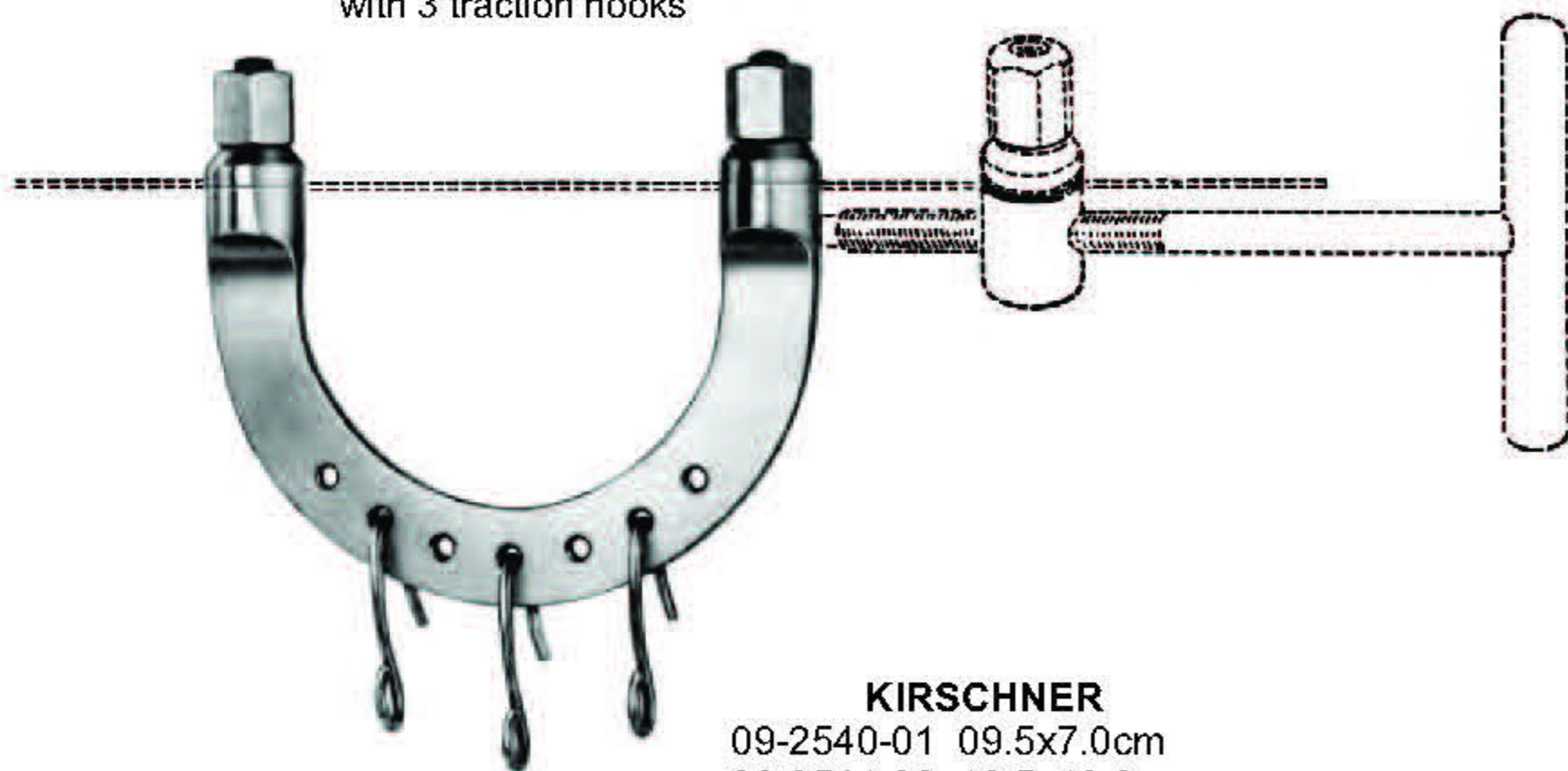


LOUTE
 09-2504-21
 21 cm/8 1/4"



LLOYD
 09-2505-00

with 3 traction hooks



KIRSCHNER
 09-2540-01 09.5x7.0cm
 09-2541-02 10.5x10.0cm
 09-2542-03 12.0x12.0cm
 09-2543-04 15.5x15.5cm
 09-2544-05 20.0x15.5cm

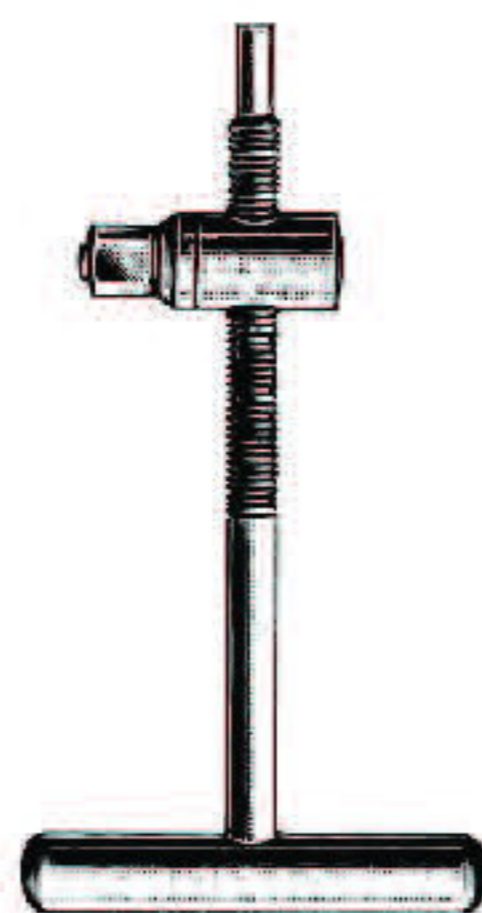
with 3 traction hooks



KIRSCHNER
 09-2545-01
 6.0x6.0cm



09-2546-18 18.0x10.0cm
 09-2546-27 27.0x27.0cm



09-2547-18

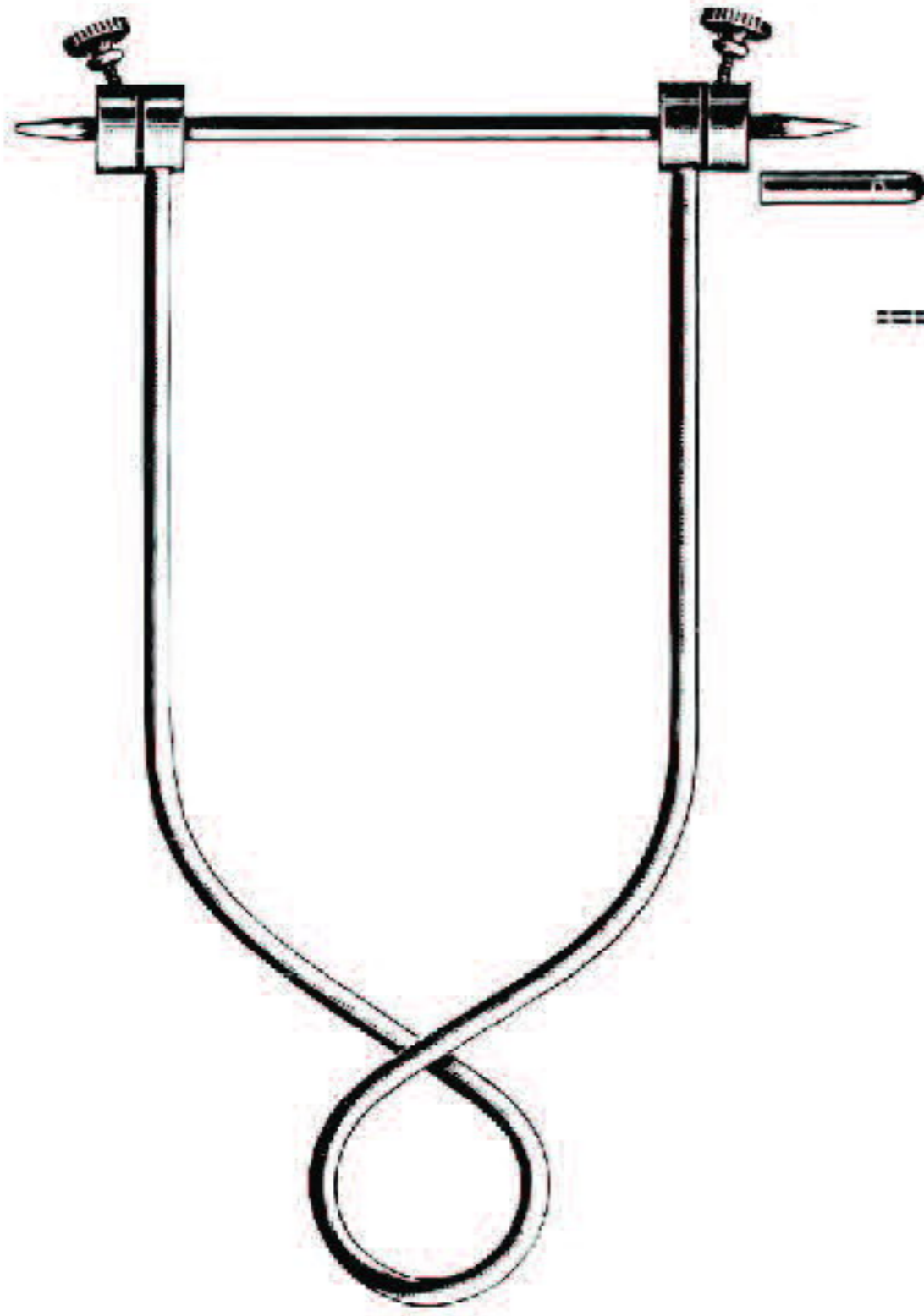


09-2548-19
 19.0cm



09-2549-03

09-2550-06

**BÖHLER**

09-2551-15 21.0x15.0cm
 09-2551-16 16.0x 9.0cm
 09-2551-21 21.0x11.0cm

**KIRSCHNER**

09-2552-13 13.5cm, infant
 09-2552-18 18.5cm, child
 09-2552-27 27.0cm, adult

**MARTIN-DIAMANT**

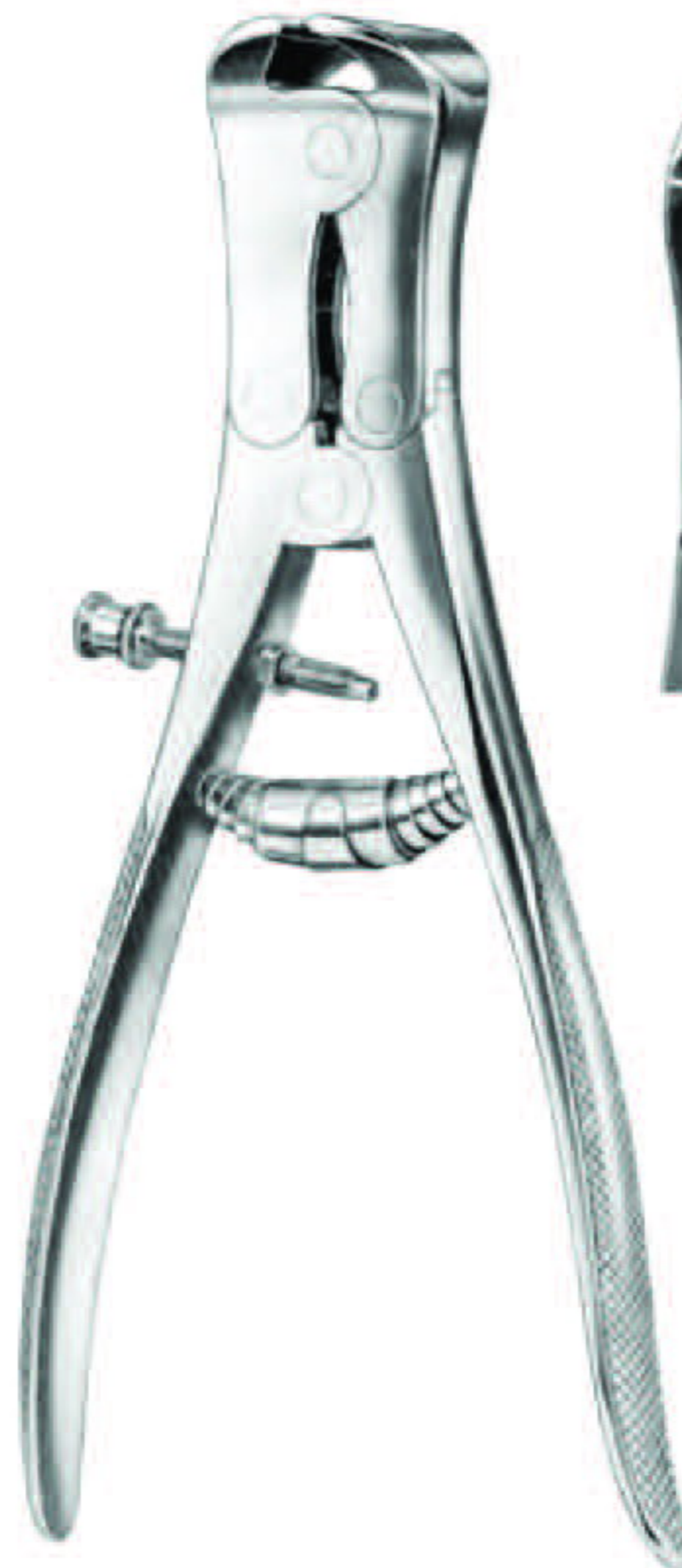
09-2553-16
 16 cm/6 1/4"



09-2554-16
 16 cm/6 1/4"



09-2555-15
 15 cm/6"



09-2556-23
 23 cm/9"



09-2556-25
 25 cm/10"



09-2557-24
 24 cm/9 1/4"



VOLKMANN
17 cm/7"

0000 09-2568-40	000 09-2568-30	00 09-2568-20
0 09-2568-10	1 09-2568-01	2 09-2568-02
	3 09-2568-03	4 09-2568-04
	5 09-2568-05	6 09-2568-06



BRUNS
17 cm/7"

0000 09-2569-40	000 09-2569-30	00 09-2569-20
0 09-2569-10	1 09-2569-01	2 09-2569-02
	3 09-2569-03	4 09-2569-04
	5 09-2569-05	6 09-2569-06



SCHEDE
17 cm/7"

000 09-2570-30	00 09-2570-20	0 09-2570-10
	1 09-2570-01	2 09-2570-02
	3 09-2570-03	4 09-2570-04

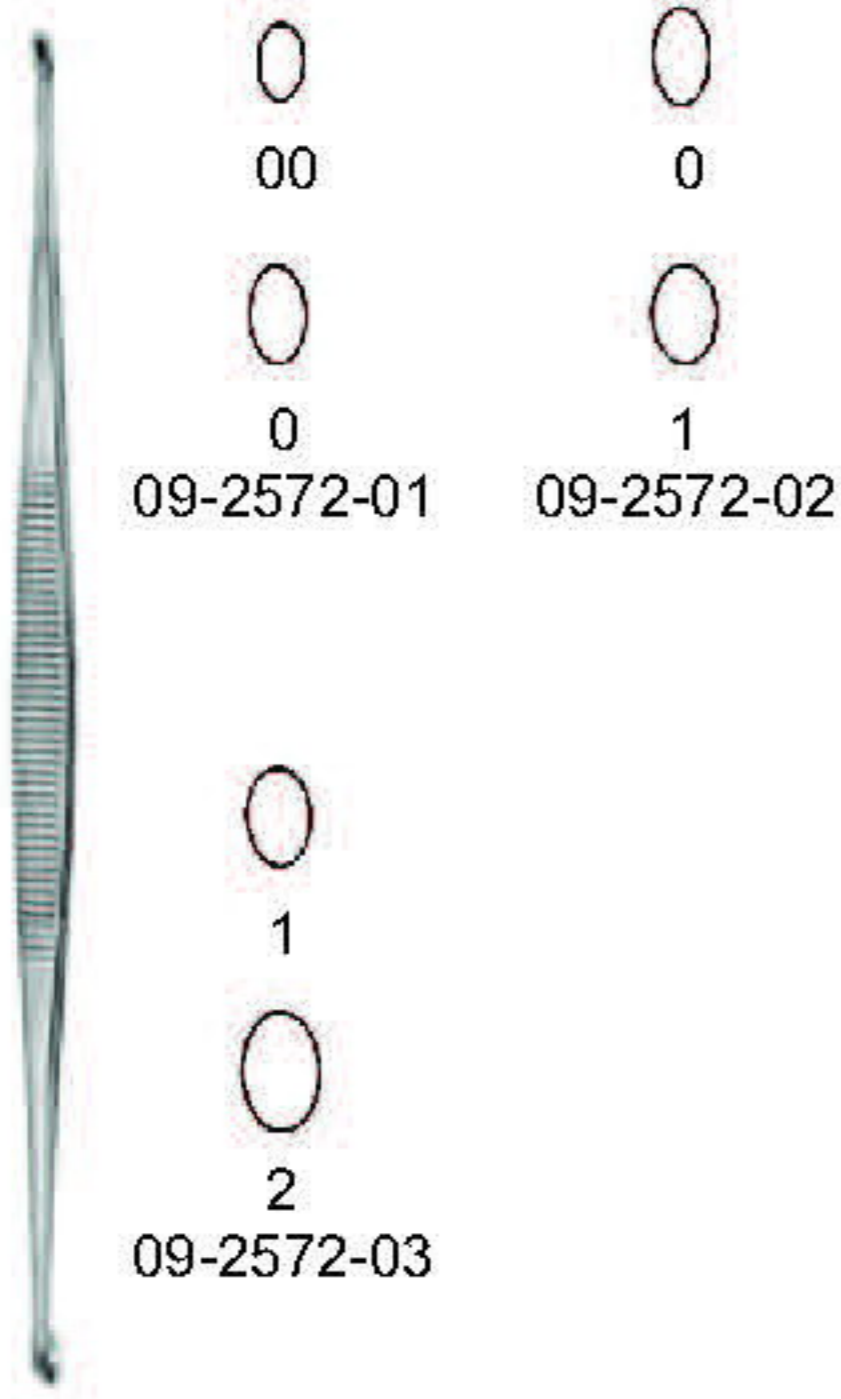


SPRATT
16.5 cm/6 3/4"

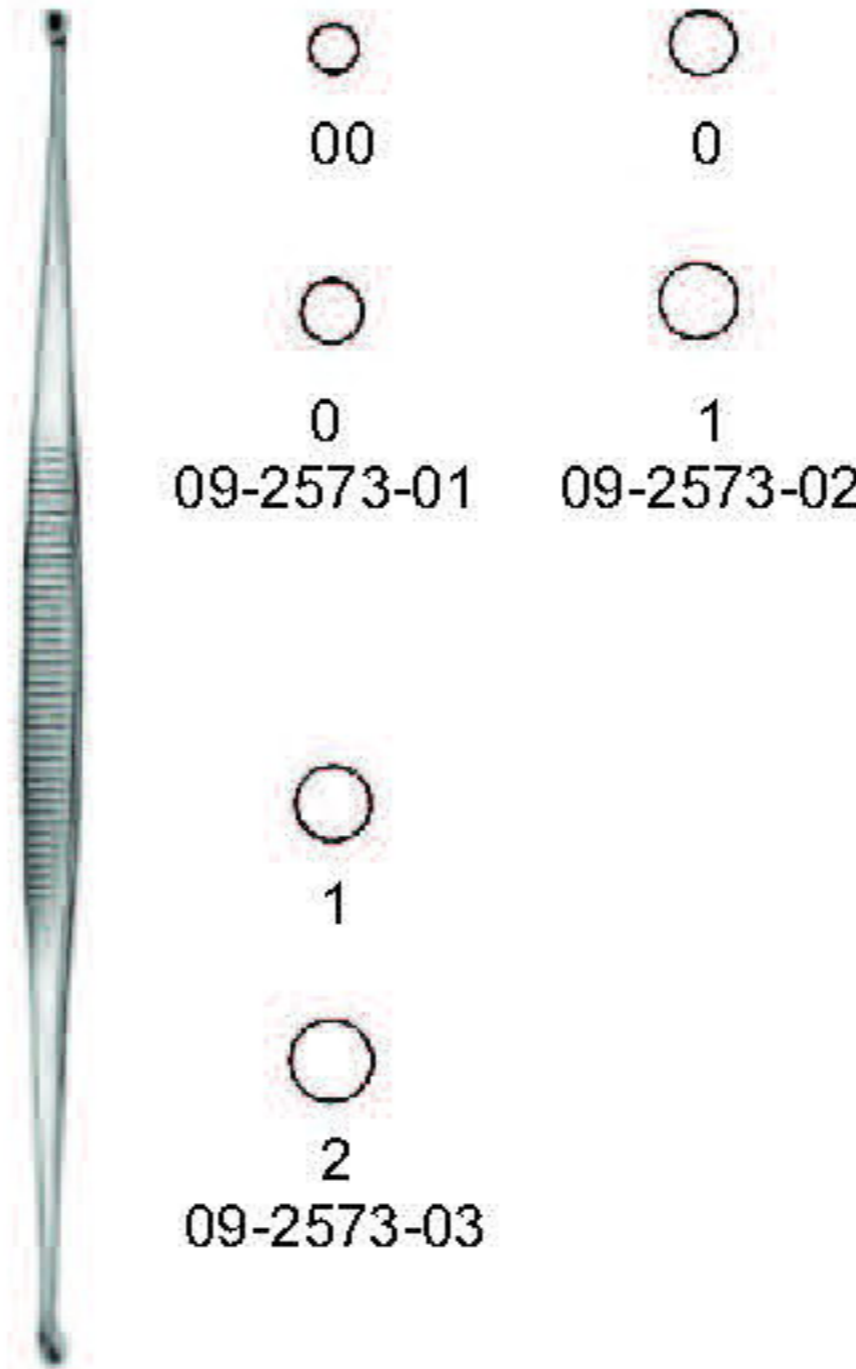
0000 09-2571-40	000 09-2571-30	00 09-2571-20
0 09-2571-10	1 09-2571-01	
2 09-2571-02	3 09-2571-03	
4 09-2571-04	5 09-2571-05	

EN	Bone Curettes
DE	Scharfe Löffel
ES	Cucharillas cortantes
FR	Curettes osseuses
IT	Curette d'ossa

BONE SURGERY



WILLIGER
13.5 cm/5 1/4"



MARTINI
13.5 cm/5 1/4"



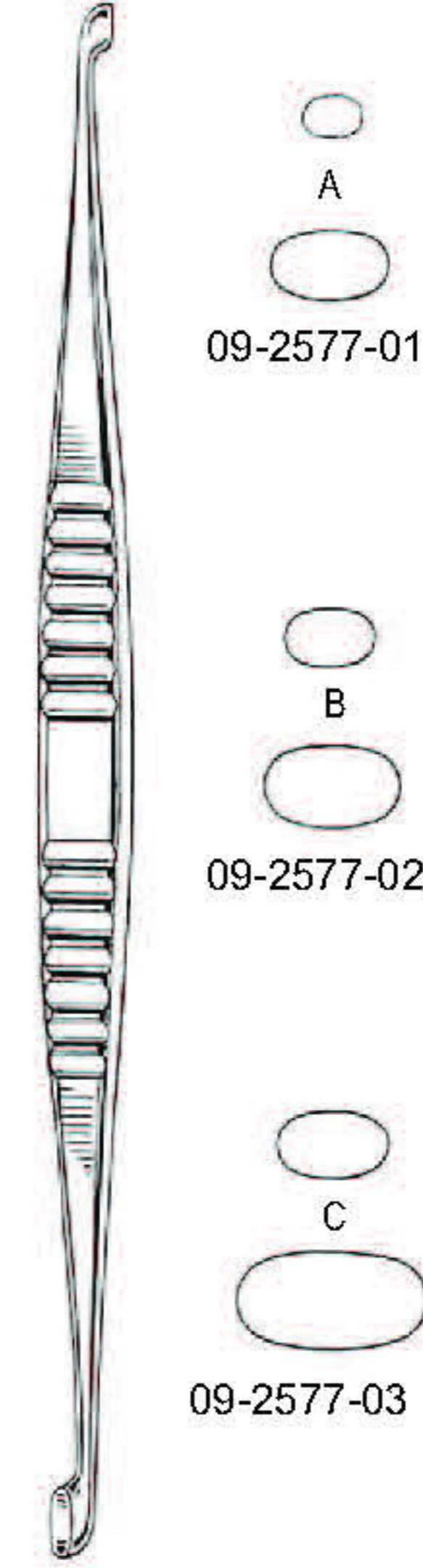
VOLKMANN
09-2574-13 13 cm/5"
09-2574-14 14 cm/5 1/2"
09-2574-17 17 cm/7"



VOLKMANN
09-2575-13 13 cm/5 1/4"
09-2575-16 16 cm/6 1/4"
09-2575-20 20 cm/8"



09-2576-21
21 cm/8 1/4"



VOLKMANN
21.5 cm/8 1/2"

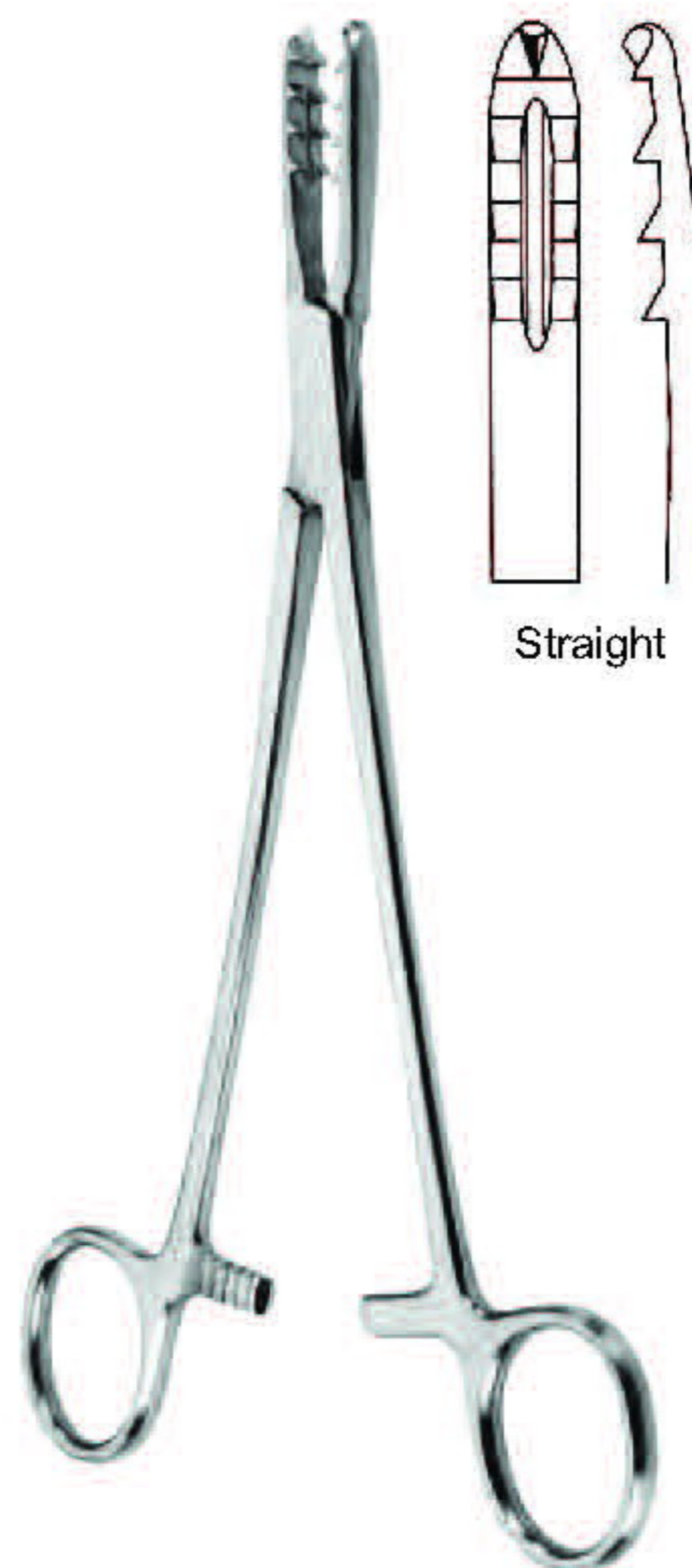
Bone Holding Forceps	EN
Knochenhaltezaugen	DE
Pinzas para huesos	ES
Forceps de maintien d'os	FR
Pinze per la detenzione ossea	IT



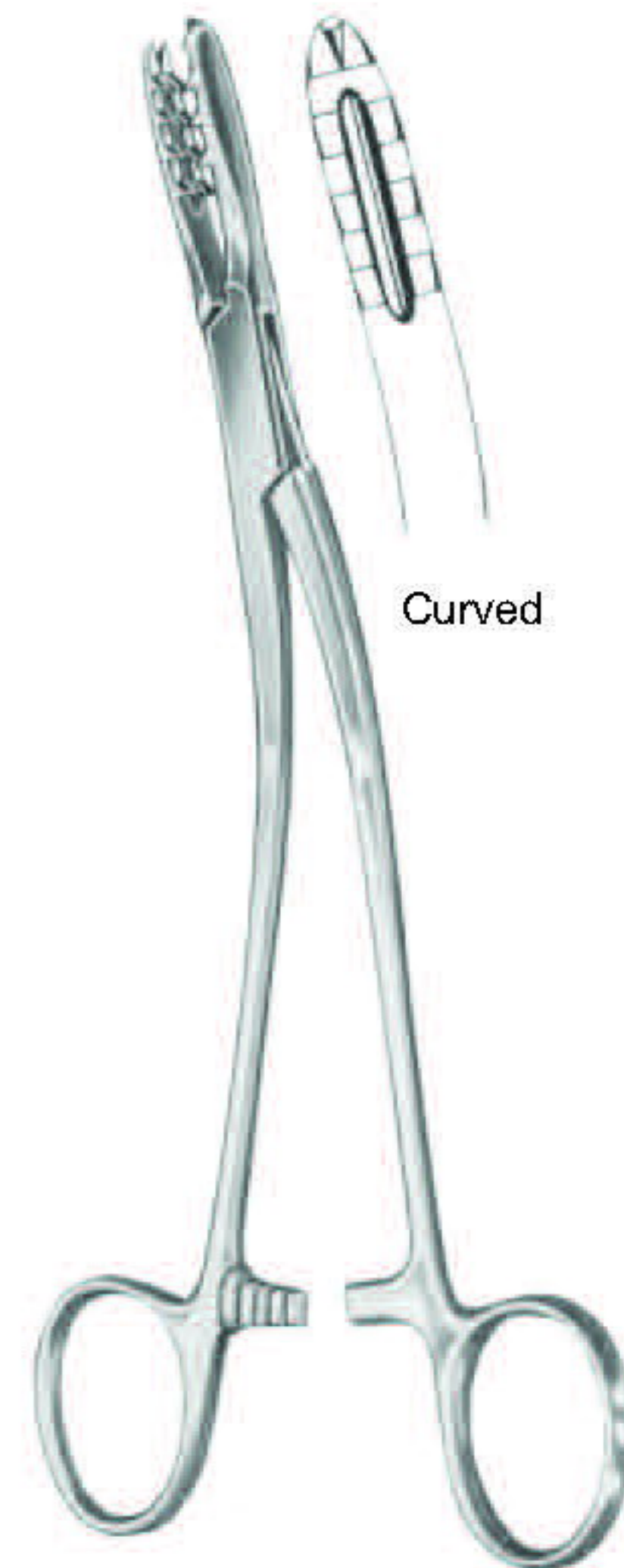
Martin
 09-2582-19
 19 cm/7 1/2"



Preston
 09-2583-18
 18 cm/7 1/4"



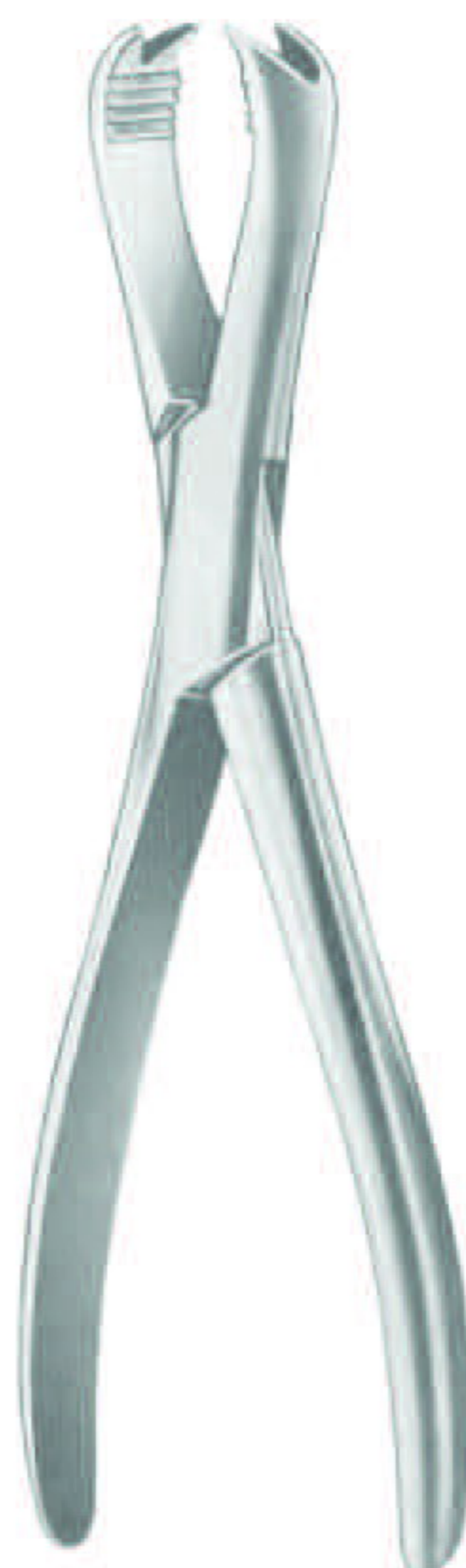
Bircher-Ganske
 09-2584-20
 20 cm/8"



Bircher-Ganske
 09-2585-20
 20 cm/8"



Lewin
 09-2586-17
 17.5 cm/7"



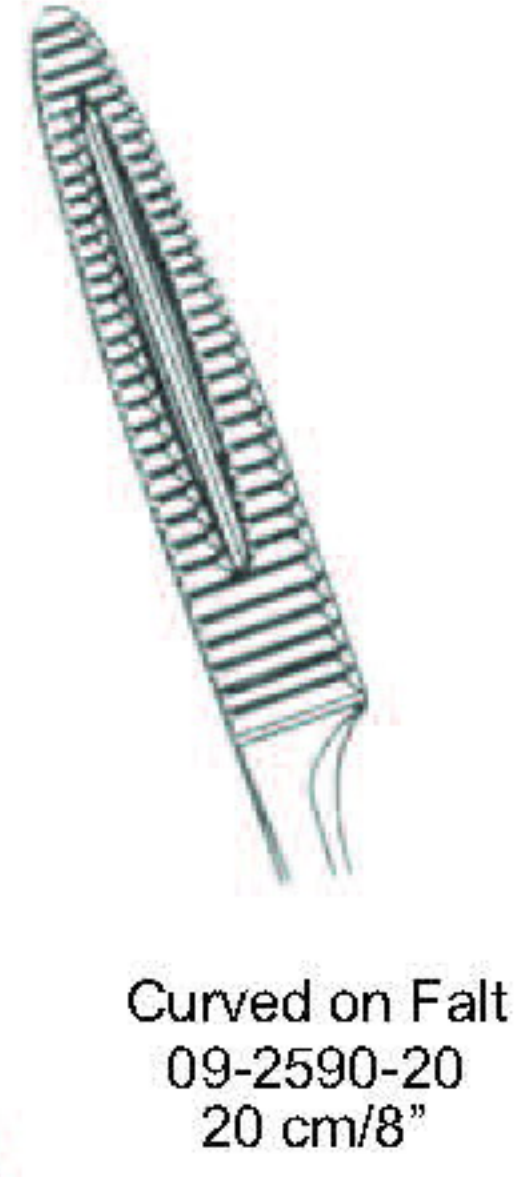
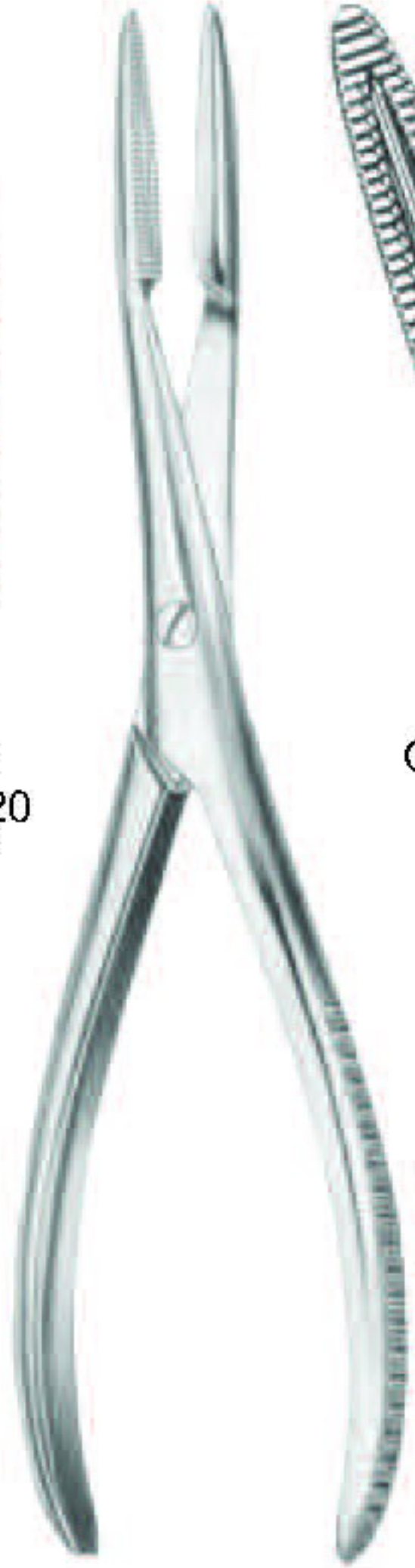
Langenbeck
 09-2587-21
 21 cm/8 1/4"



Fergusson
 09-2588-21
 21 cm/8 1/4"

EN	Bone Holding Forceps
DE	Knochenhaltezaugen
ES	Pinzas para huesos
FR	Forceps de maintien d'os
IT	Pinze per la detenzione ossea

BONE SURGERY



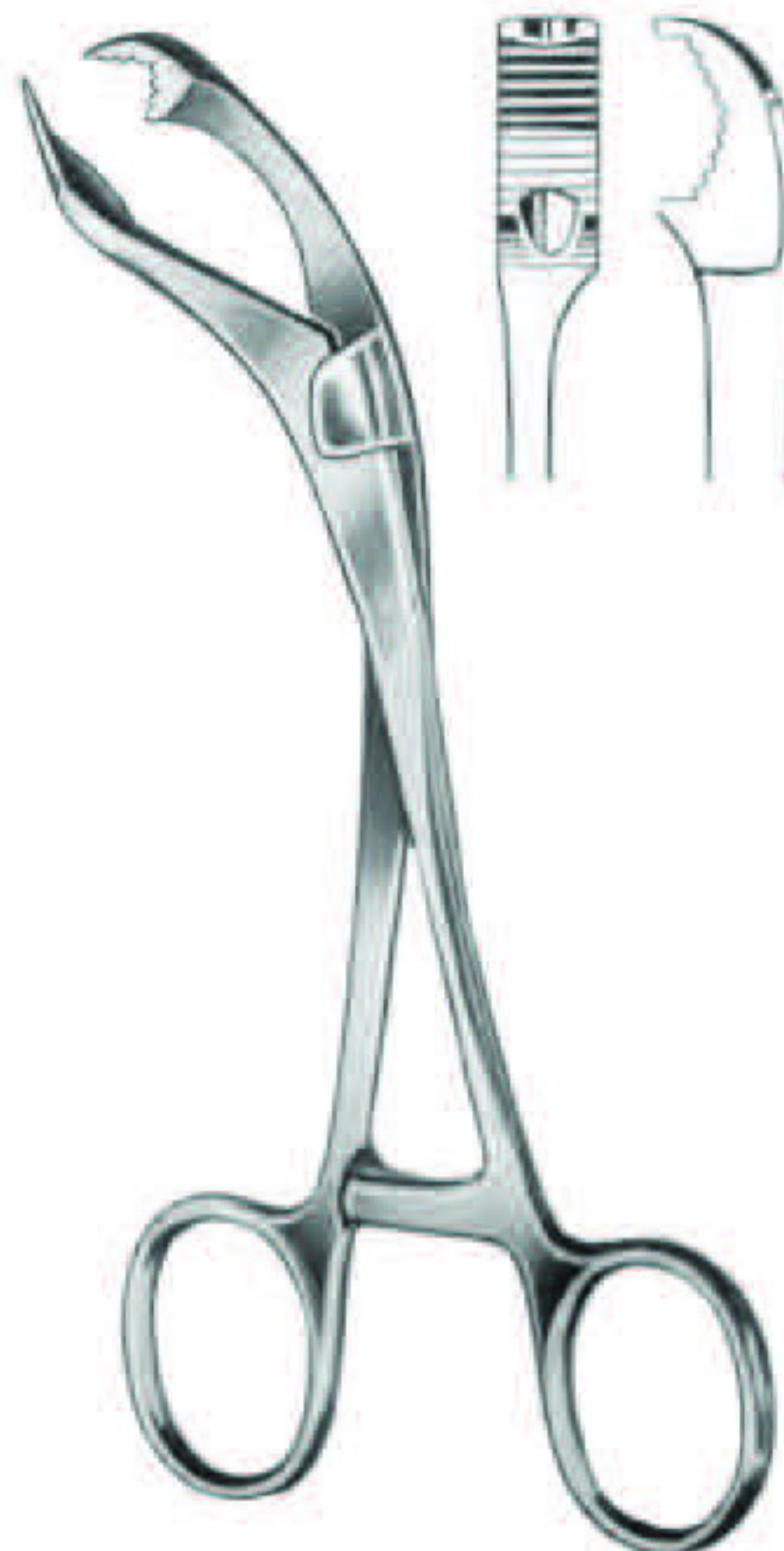
Bone Holding Forceps	EN
Knochenhaltezaugen	DE
Pinzas para huesos	ES
Forceps de maintien d'os	FR
Pinze per la detenzione ossea	IT



Semb
09-2595-19
19 cm/7½"



Semb
09-2596-19
19 cm/7½"



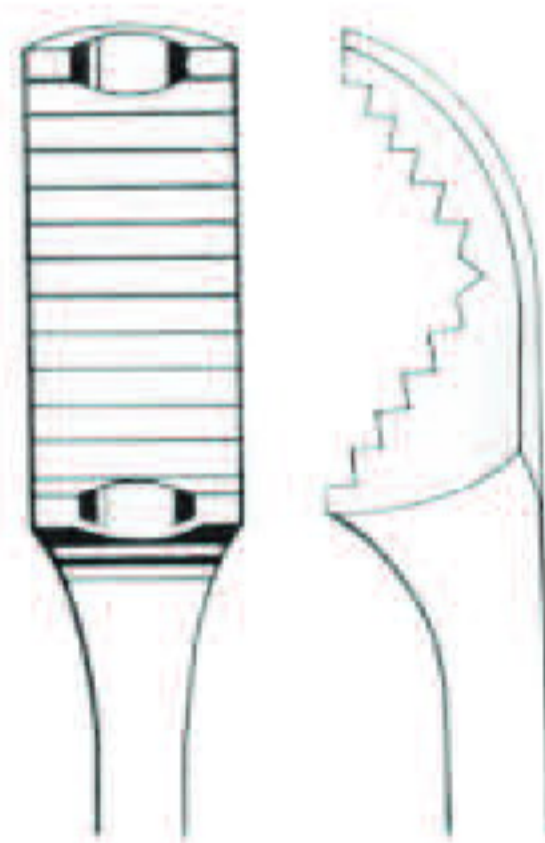
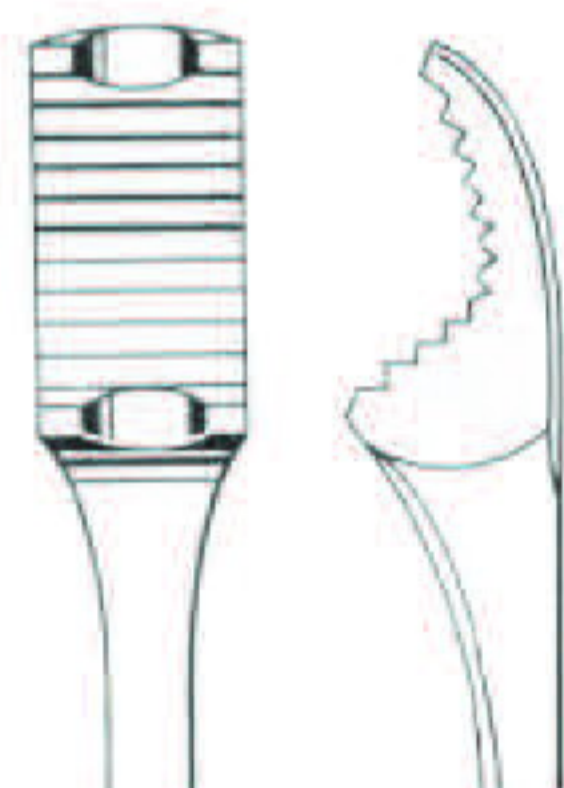
Verbrugge
09-2597-17
17.5 cm/7"



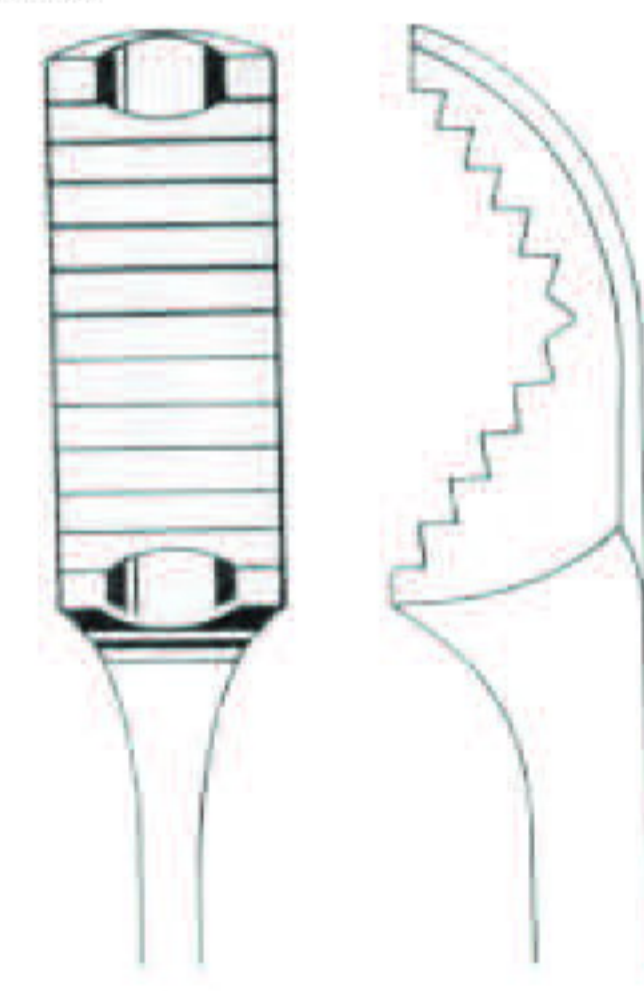
Verbrugge
09-2598-17
17.5 cm/7"



09-2599-25
25 cm/10"



09-2599-26
26 cm/10¼"
Verbrugge



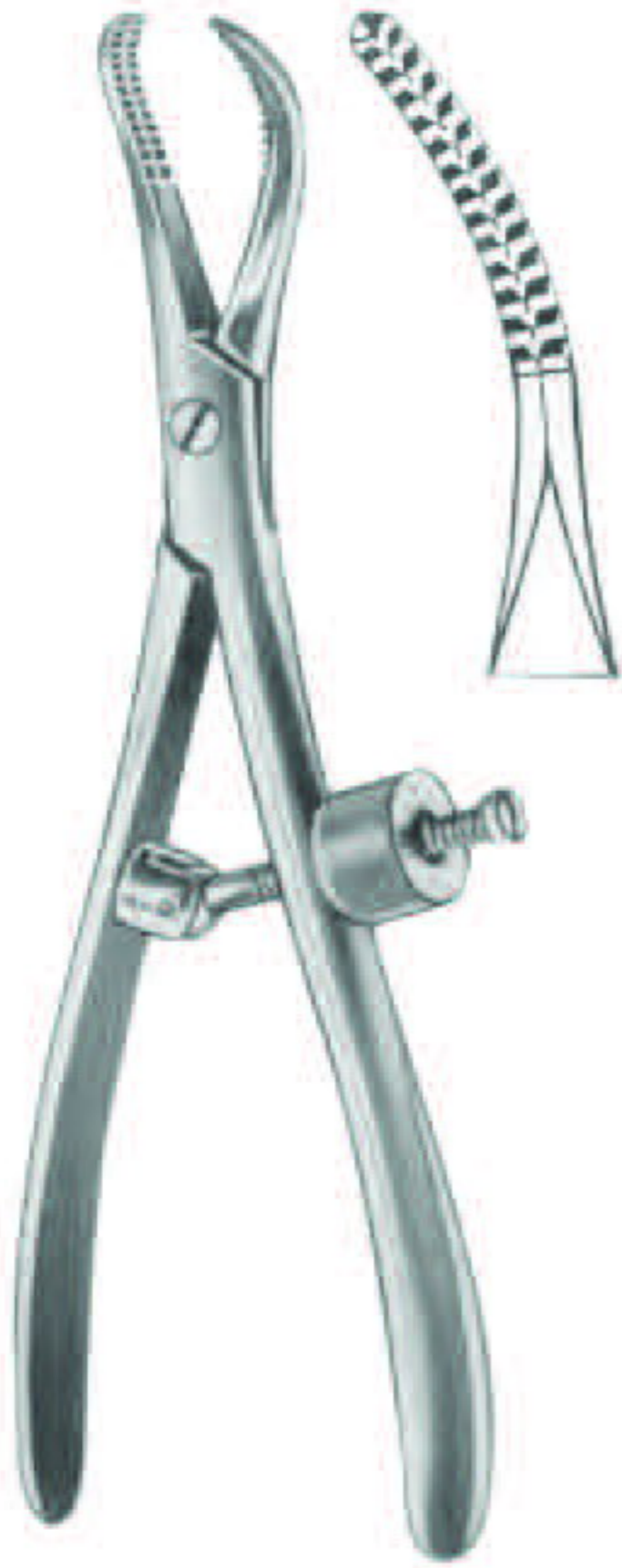
09-2599-27
27 cm/10½"

BONE SURGERY

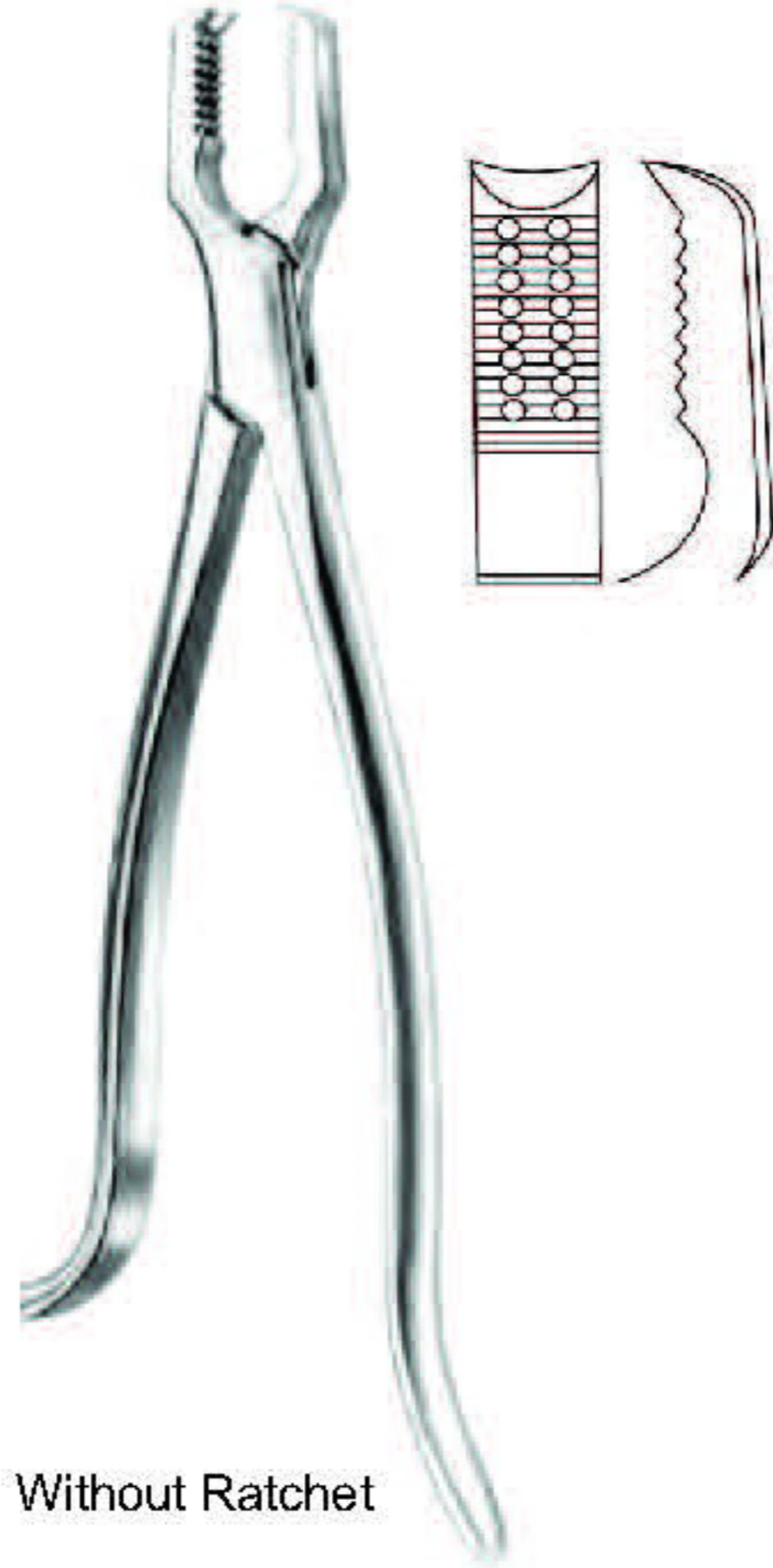
EN	Bone Holding Forceps
DE	Knochenhaltezaugen
ES	Pinzas para huesos
FR	Forceps de maintien d'os
IT	Pinze per la detenzione ossea

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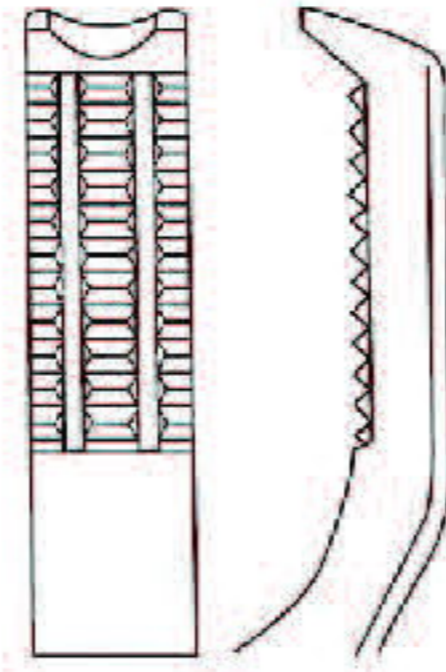
BONE SURGERY



09-2601-16
16 cm/6¼"
09-2601-24
24 cm/9½"



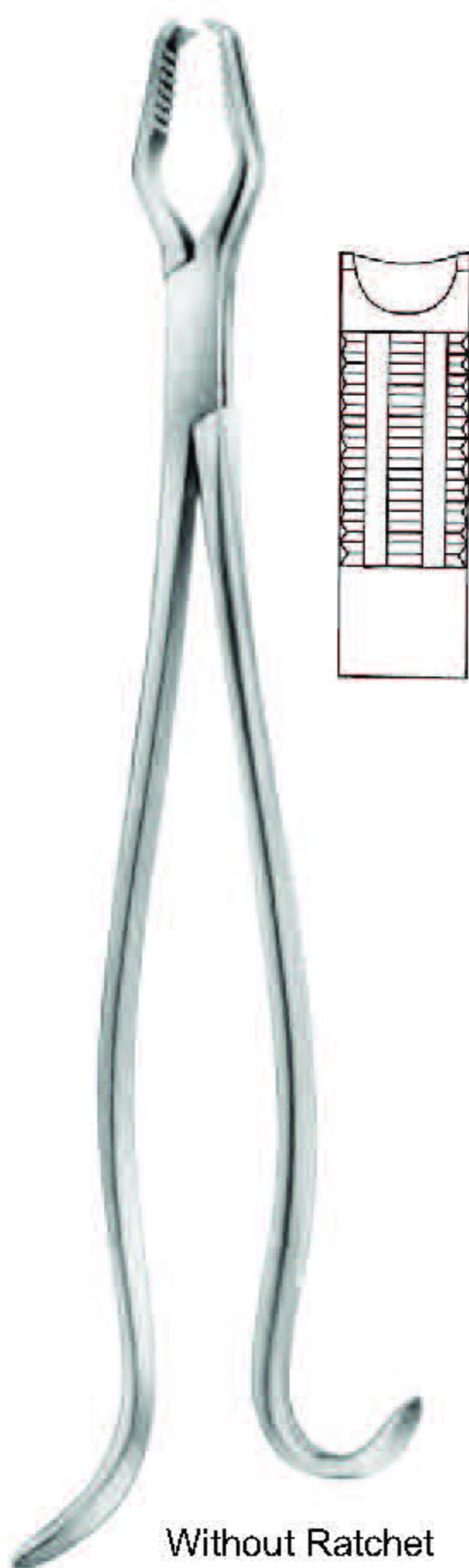
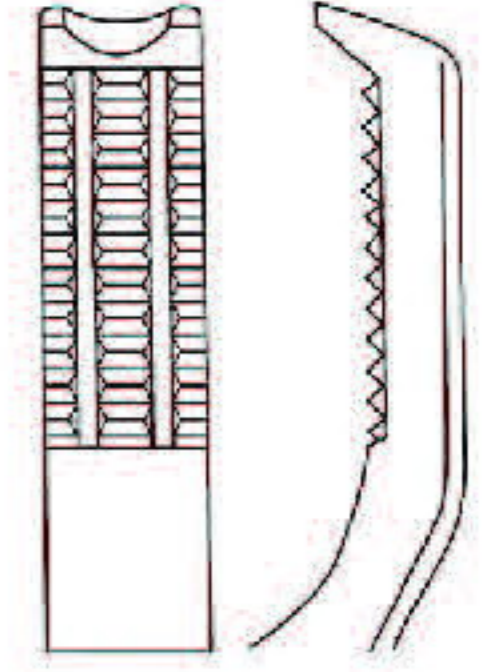
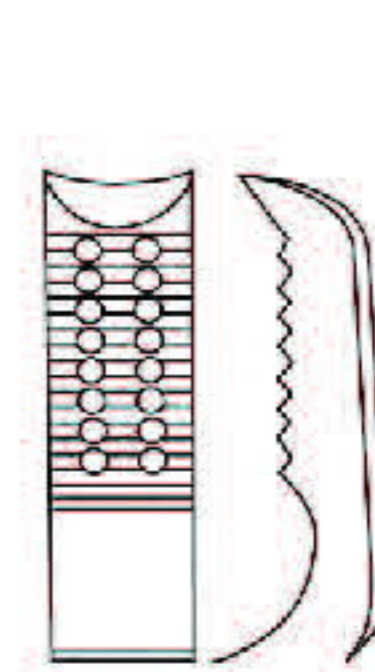
Without Ratchet
09-2602-17
09-2602-21



Kern
cm in
17 6¾"
21 8¼"



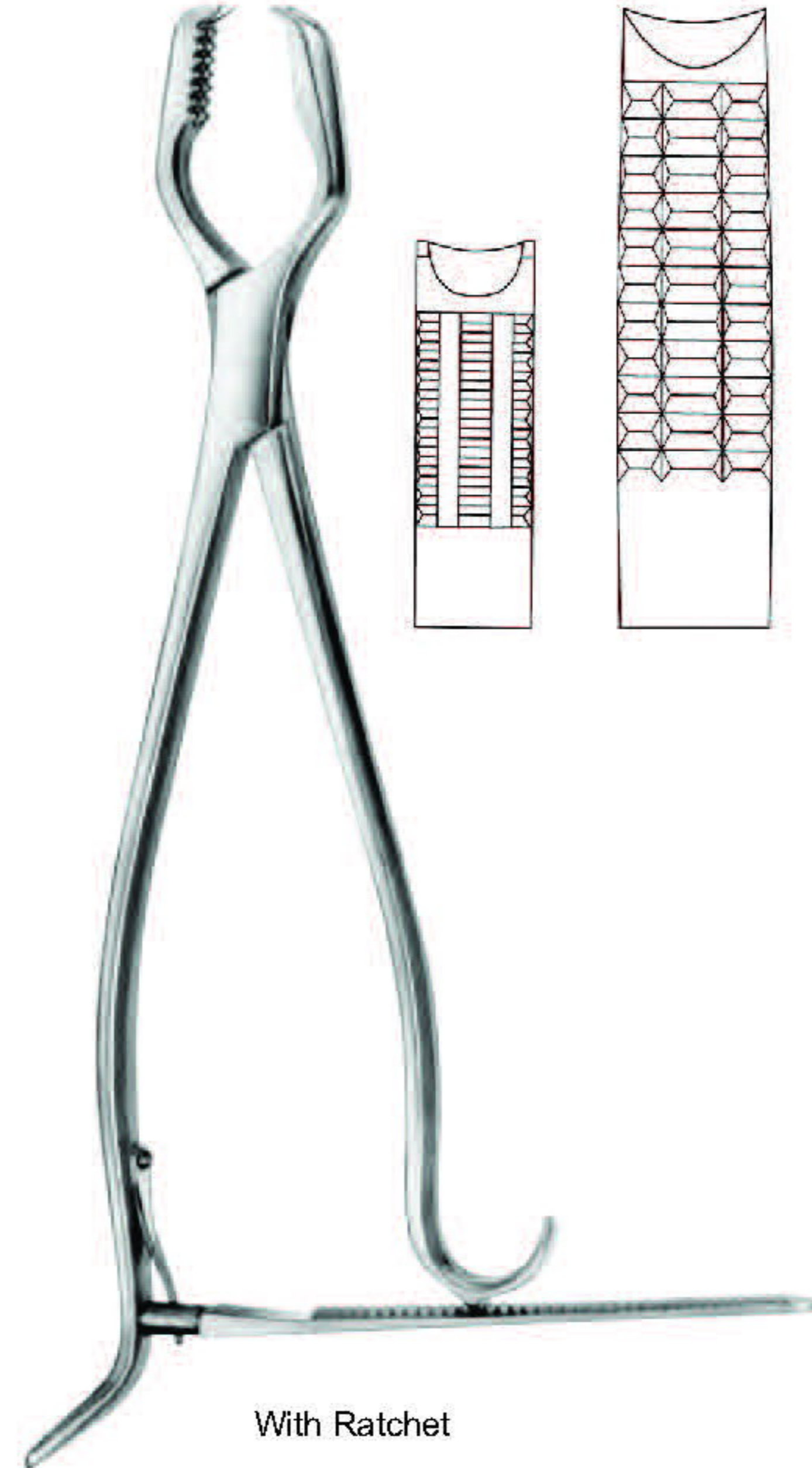
With Ratchet
09-2603-17
09-2603-21



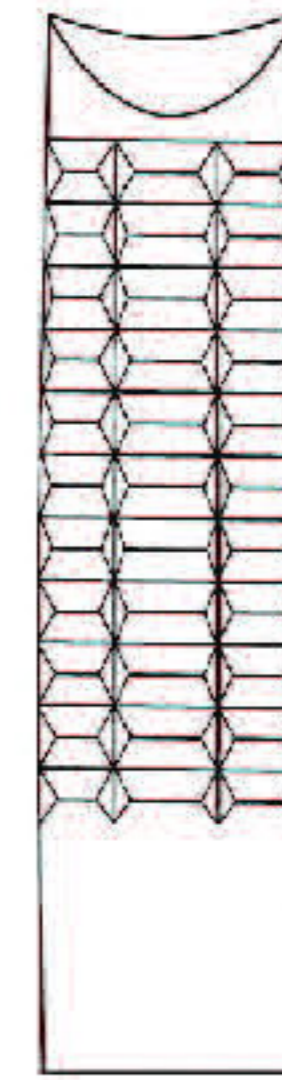
Without Ratchet
09-2604-33
09-2604-45



Lane
cm in
33 13"
45 17¾"



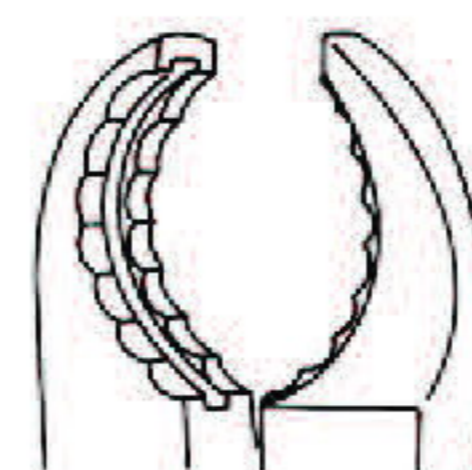
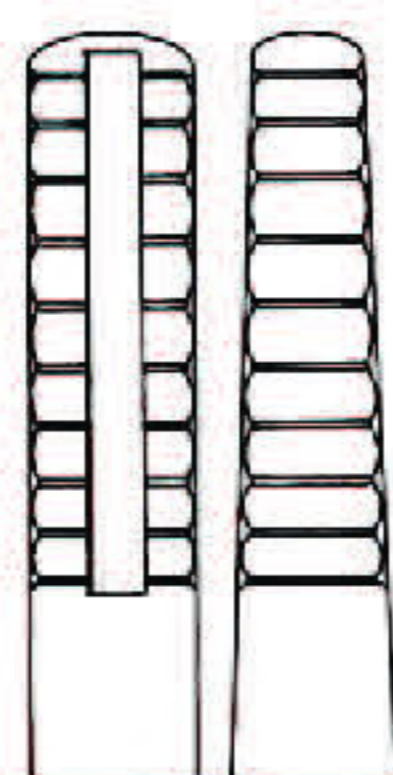
With Ratchet
09-2605-33
09-2605-45



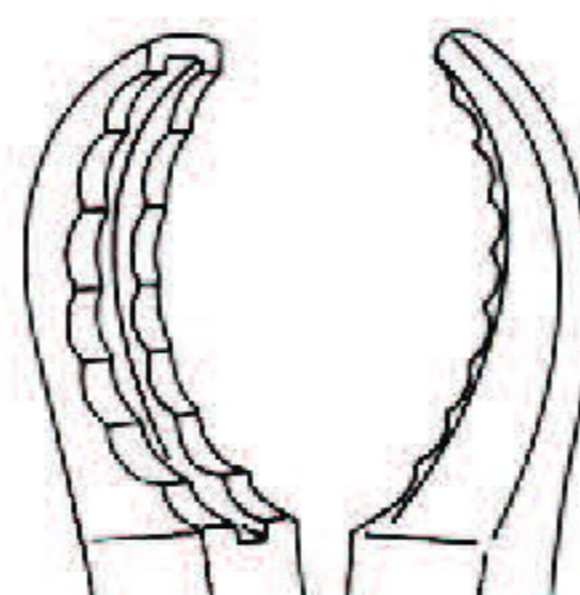
Bone Holding Forceps	EN
Knochenhaltezaugen	DE
Pinzas para huesos	ES
Forceps de maintien d'os	FR
Pinze per la detenzione ossea	IT



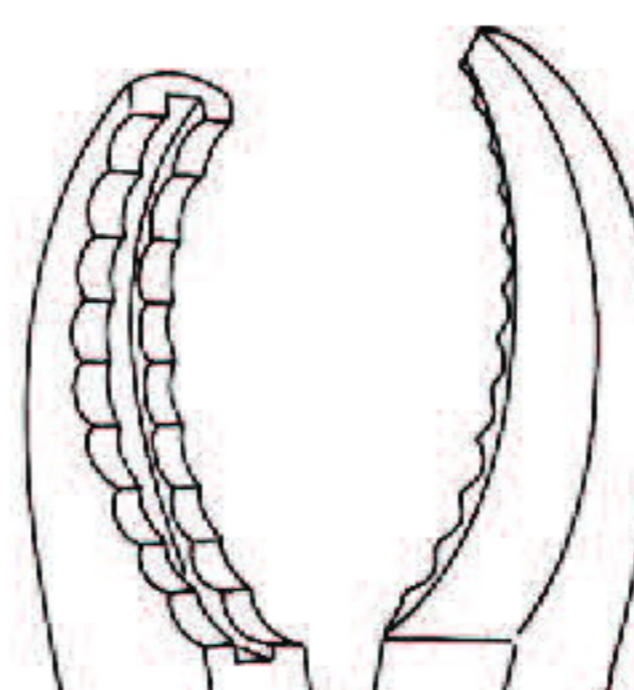
ULRICH



09-2606-23 23.0cm
09-2607-22 22.0cm



09-2606-25 25.0cm
09-2607-24 24.0cm



09-2606-28 28.0cm
09-2607-27 27.0cm



ULRICH

EN	Bone Holding Forceps
DE	Knochenhaltezaugen
	Pinzas para huesos
	Forceps de maintien d'os
	Pinze per la detenzione ossea



09-2608-19 19 cm/8 3/4"
09-2608-26 26 cm/10 1/4"



ULRICH
09-2608-28
28 cm/11"

Bone Holding Forceps	EN
Knochenhaltezaugen	DE
Pinzas para huesos	ES
Forceps de maintien d'os	FR
Pinze per la detenzione ossea	IT



Farabeuf-Lambotte
09-2609-26
26 cm/10 1/4"



Lambotte
09-2610-19 19 cm/7 1/2"
09-2610-23 23 cm/9"
09-2610-26 26 cm/10 1/4"



09-2611-13
13.5 cm/5 1/4"



Bruns
09-2611-18
18.5 cm/7 1/4"



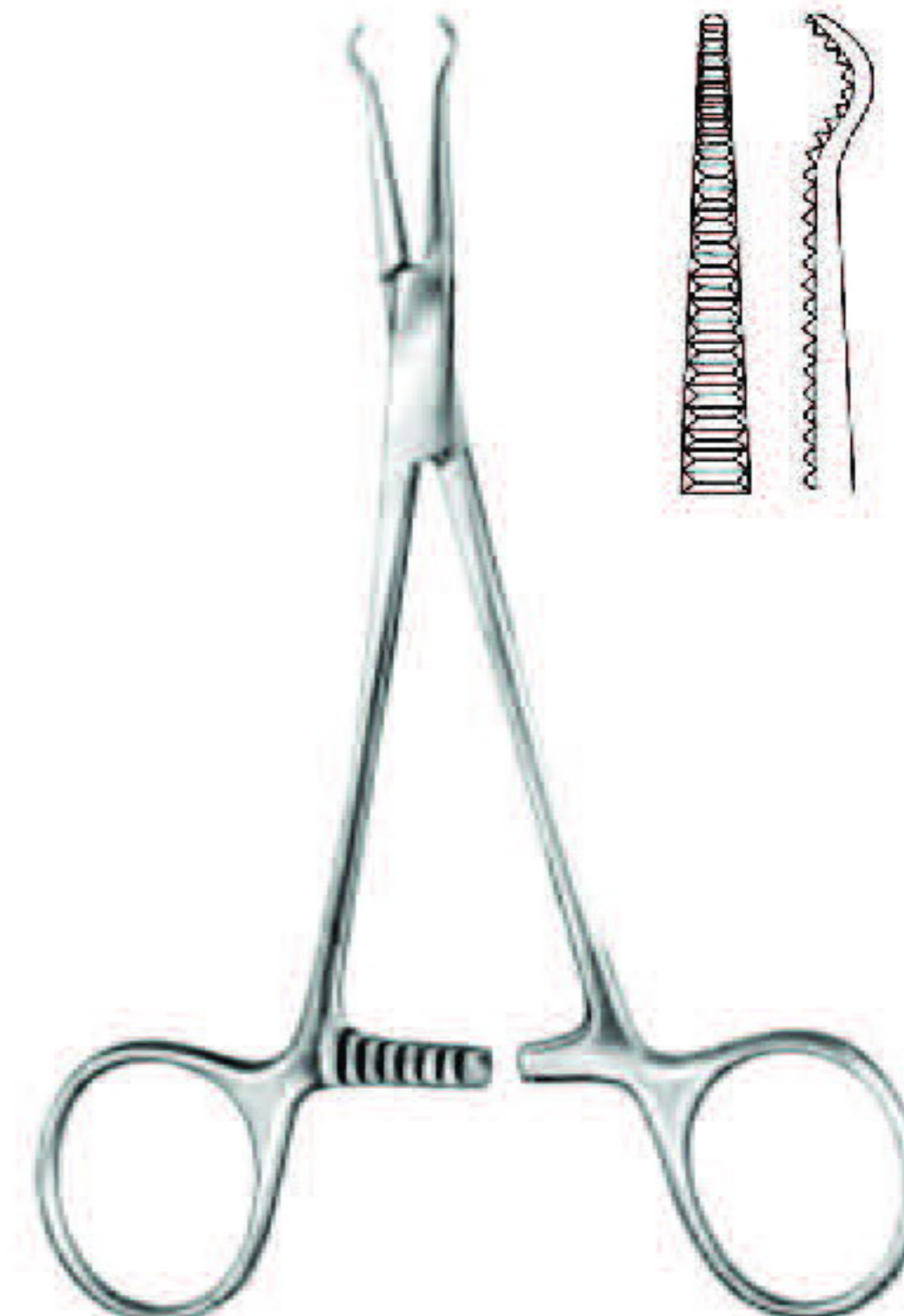
09-2611-14
14.5 cm/5 3/4"



09-2612-12
12 cm/4 3/4"



09-2612-21
21 cm/8 1/4"



09-2612-14
14 cm/5 1/2"

EN	Bone Holding Forceps
DE	Knochenhaltezaugen
ES	Pinzas para huesos
FR	Forceps de maintien d'os
IT	Pinze per la detenzione ossea

BONE SURGERY



- 09-2613-15 15 cm/6"
- 09-2613-19 19 cm/7 1/2"
- 09-2613-24 24 cm/9 1/2"
- 09-2613-26 26 cm/10 1/4"
- 09-2613-28 28 cm/11"



Handles Detachable

Percy
09-2614-30

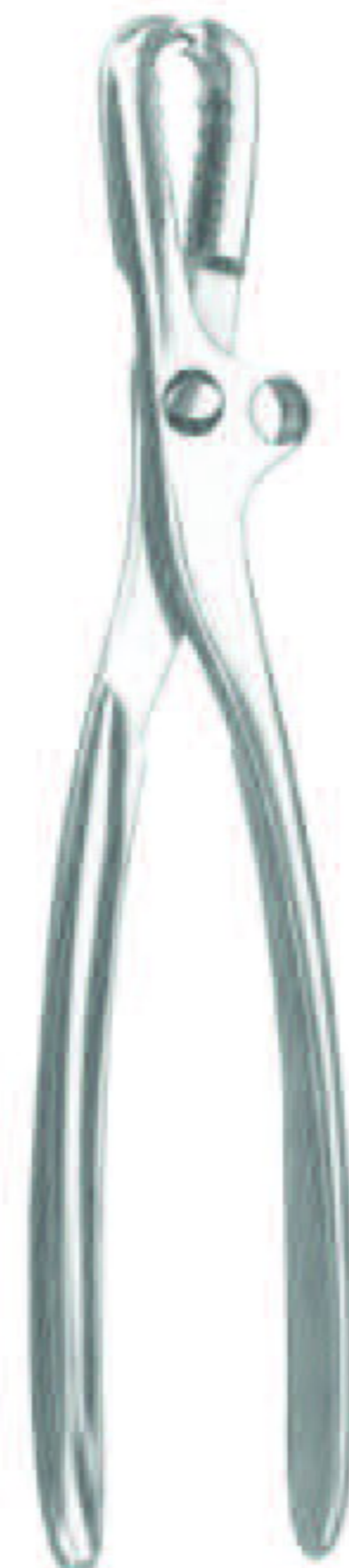


Percy
09-2614-00



Adjustable

- Lambotte**
- 09-2615-22 22 cm/8 3/4"
 - 09-2615-27 27 cm/10 1/2"
 - 09-2615-30 30 cm/12"



- Farabeuf**
- 09-2616-23 23 cm/9"
 - 09-2616-26 26 cm/10 1/4"



- Lambotte**
- 09-2617-22 22.5 cm/9"
 - 09-2617-25 25.5 cm/10 1/2"
 - 09-2617-33 33 cm/13 1/2"



- Haase**
- 09-2617-16
16.5 cm/6 1/2"



LOWMAN
09-2633-12 12.0cm
09-2633-18 18.5cm
09-2633-20 20.0cm
09-2633-22 22.0cm



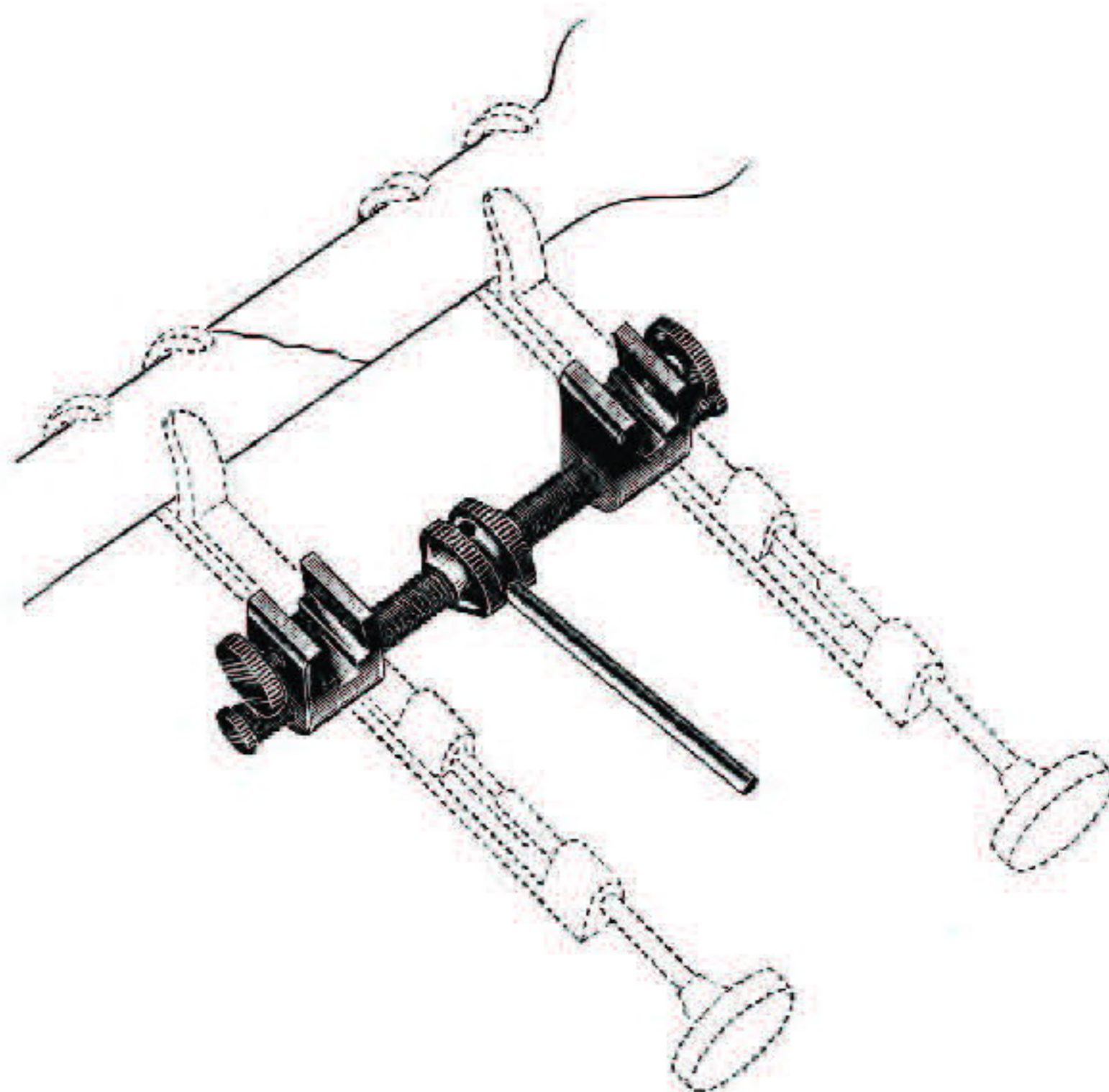
GERSTER-LOWMANN
09-2634-18 18.0cm
09-2634-20 20.0cm
09-2634-22 22.0cm



LAMBERT-LOWMAN
2x2 prongs
09-2635-18 18.0cm
09-2635-20 20.0cm
09-2635-22 22.0cm



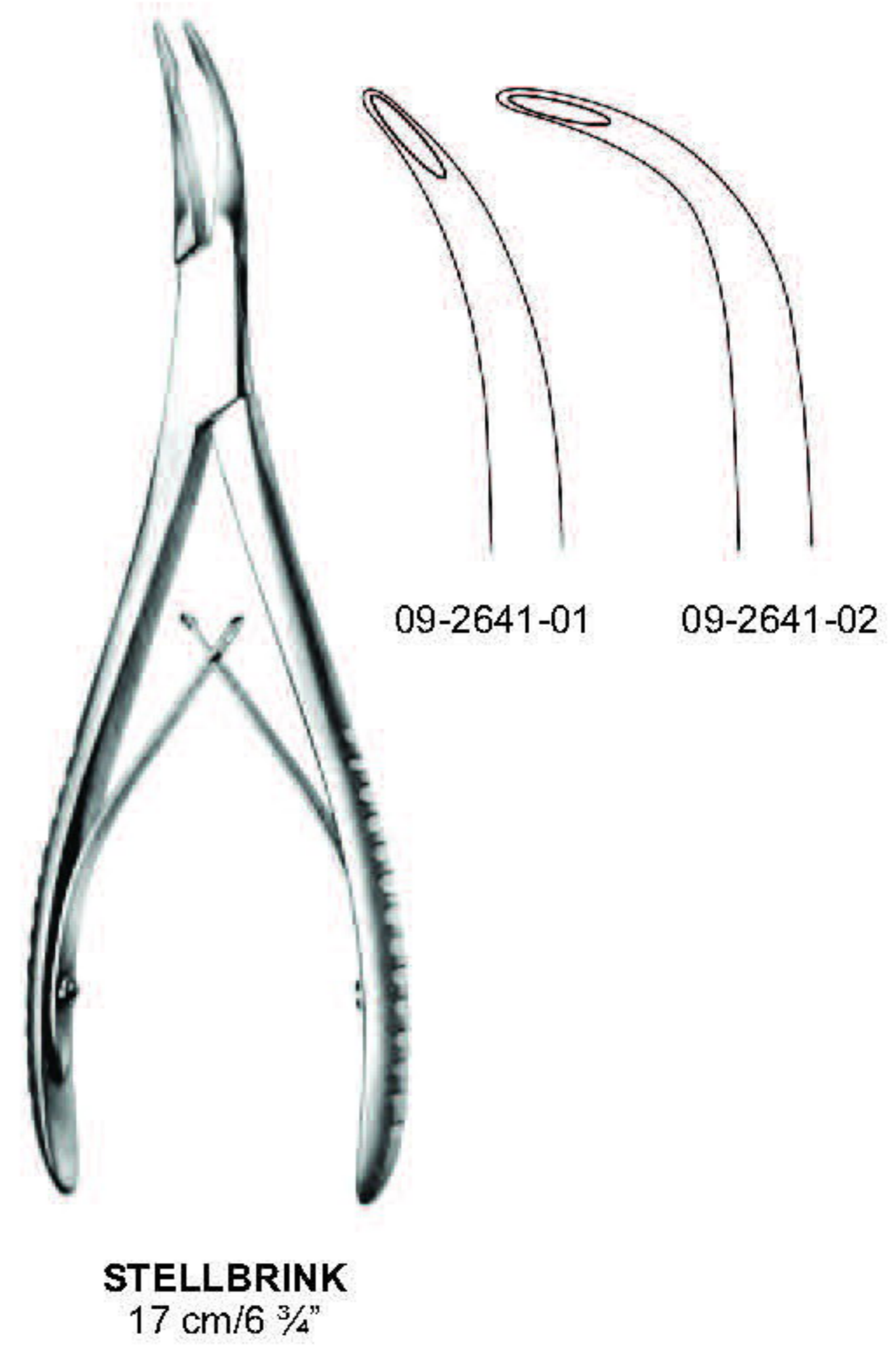
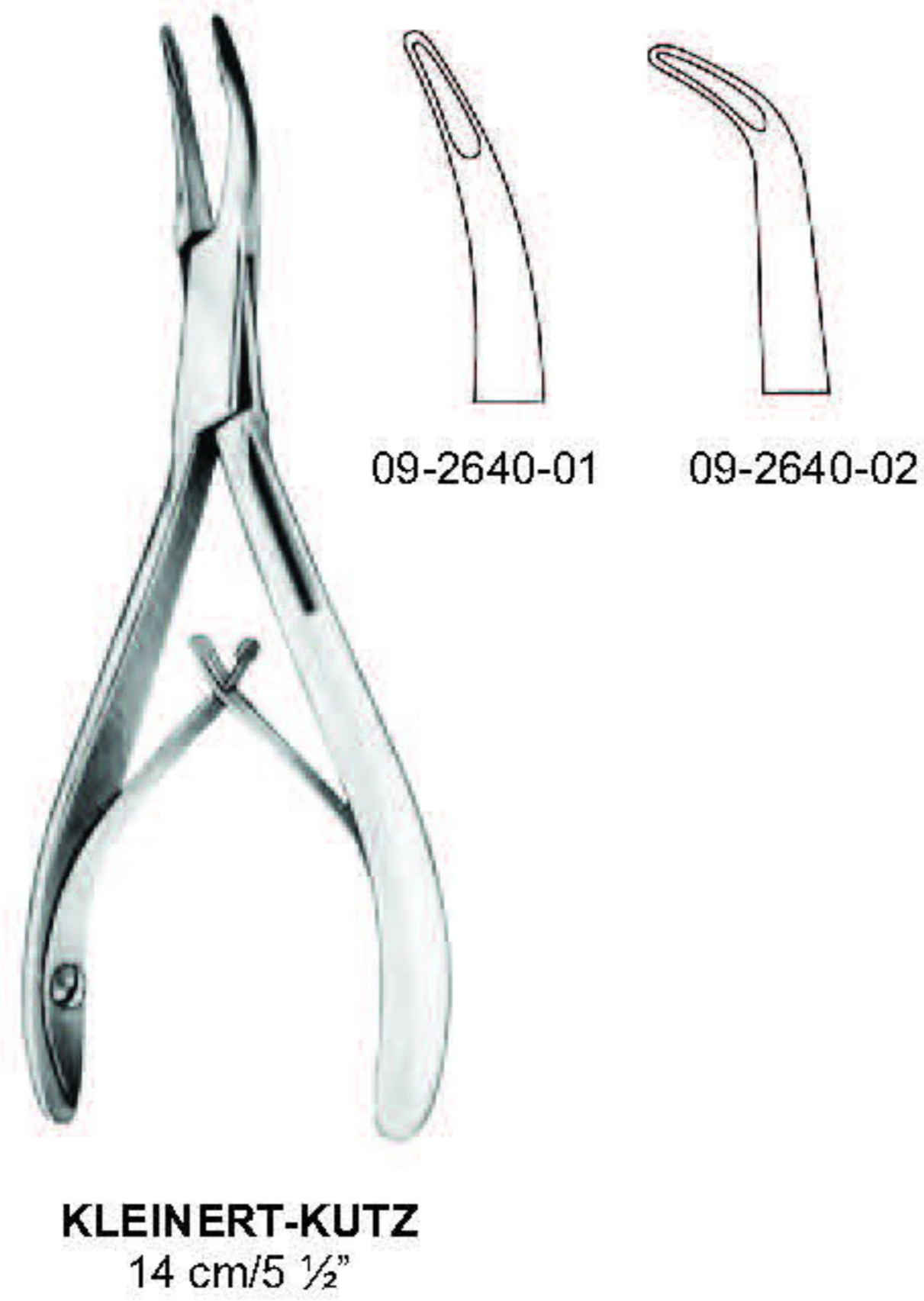
LOWMAN-HOGLUND
09-2636-12 12.0cm
09-2636-17 17.5cm
09-2636-20 20.0cm
09-2636-22 22.0cm



GERSTER
09-2637-15

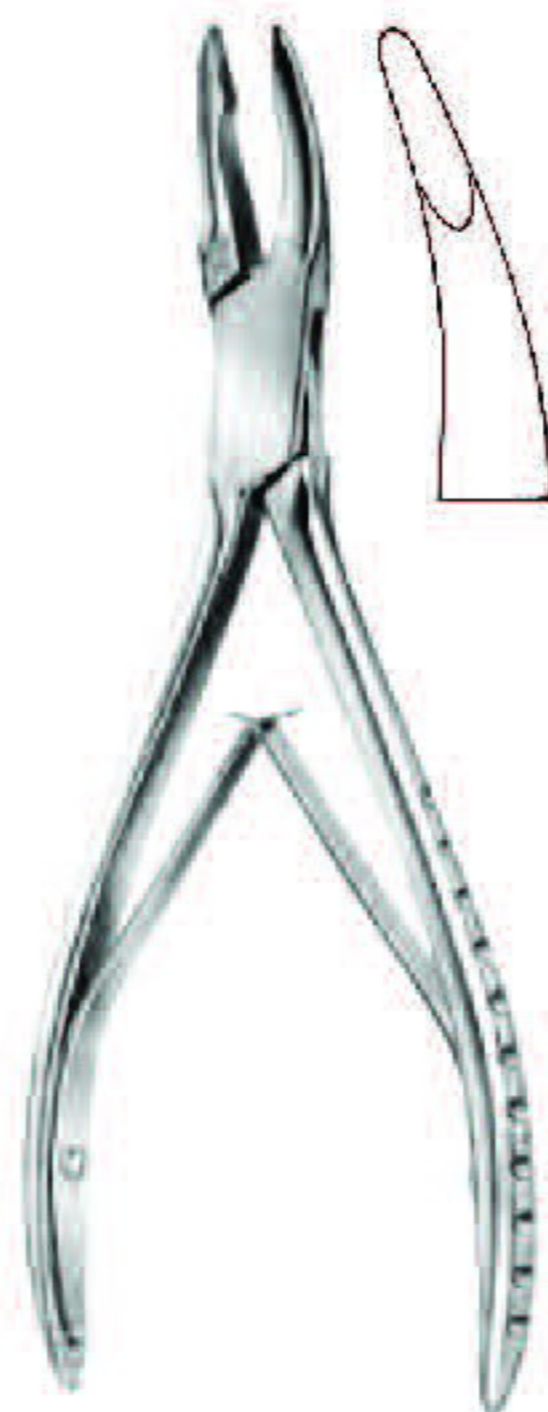
EN	Bone Rongeur Forceps
DE	Hohlmeißelzangen
ES	Pinzas-gubias
FR	Bone Rongeur Forceps
IT	Bone Rodent Forceps

BONE SURGERY





MINI-FRIEDMAN
 09-2643-12
 12 cm/4 ¾"



FRIEDMAN
 09-2644-14
 14 cm/5 ½"



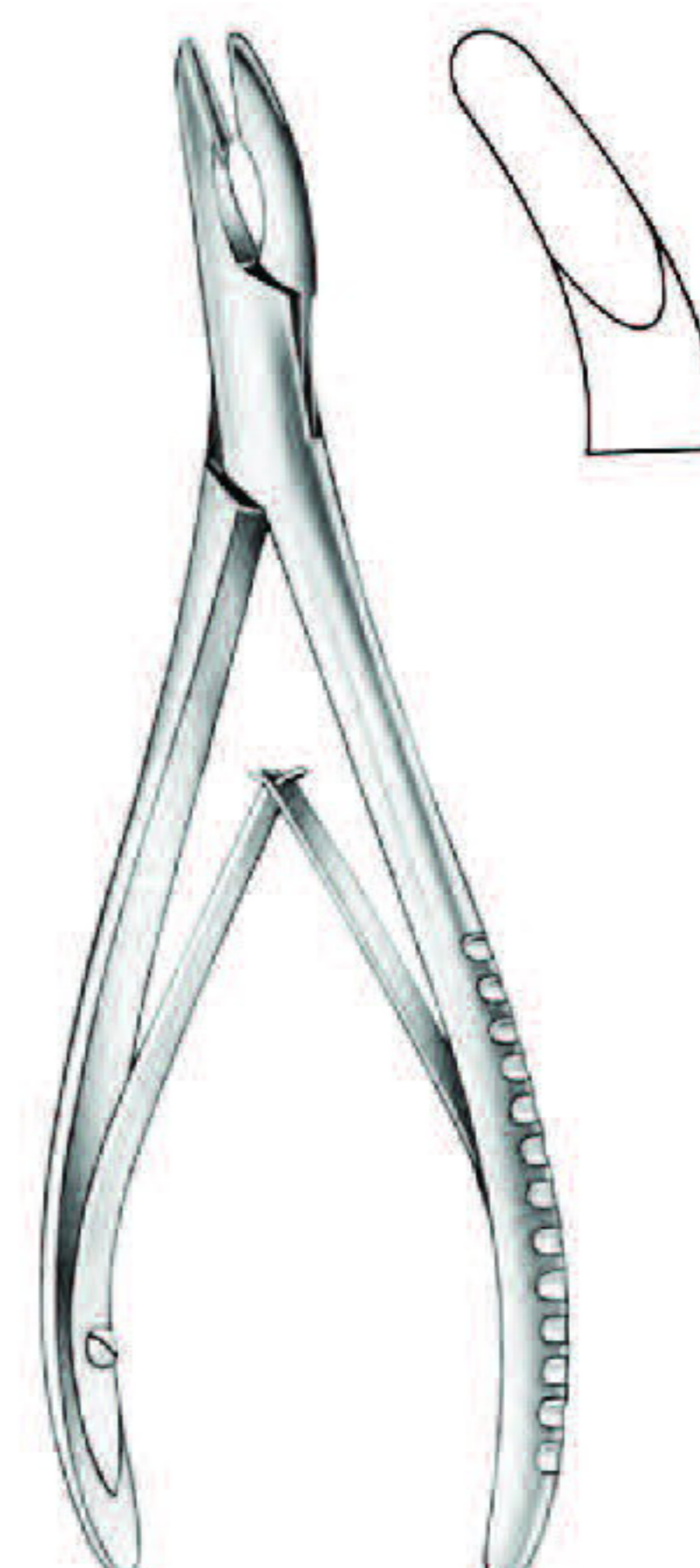
MEAD
 09-2645-16
 16.5 cm/6 ½"



MEAD
 09-2646-16
 16.5 cm/6 ½"



HARTMANN
 09-2647-16
 16 cm/6 ¼"



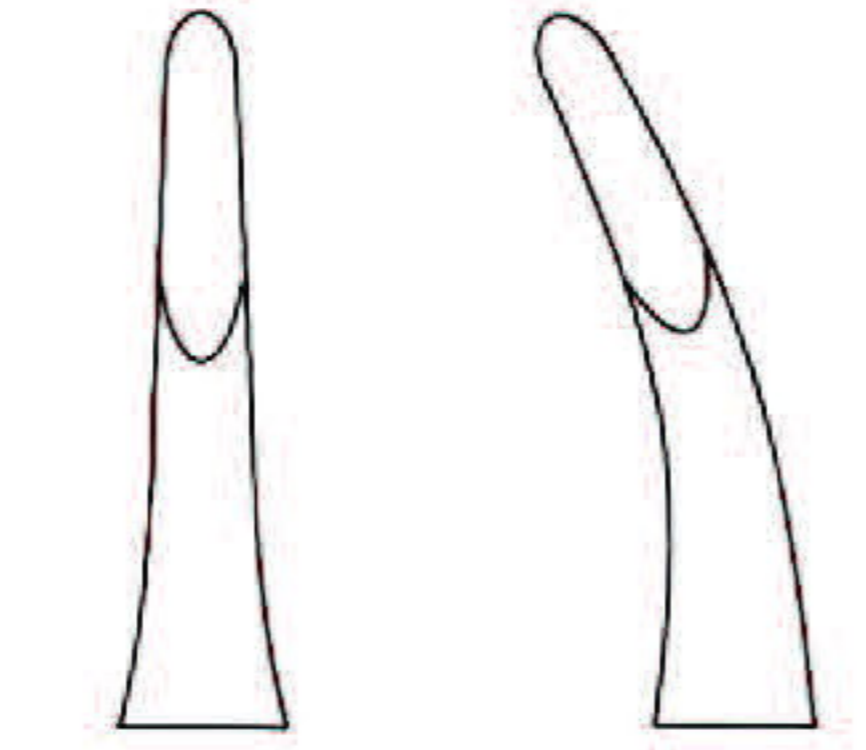
HARTMANN
 09-2648-18
 18.5 cm/7 ¼"

EN	Bone Rongeur Forceps
DE	Hohlmeißelzangen
ES	Pinzas-gubias
FR	Bone Rongeur Forceps
IT	Bone Rodent Forceps

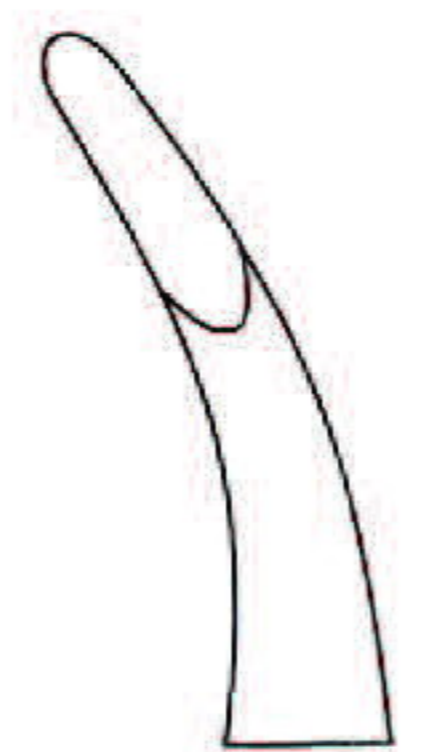
BONE SURGERY



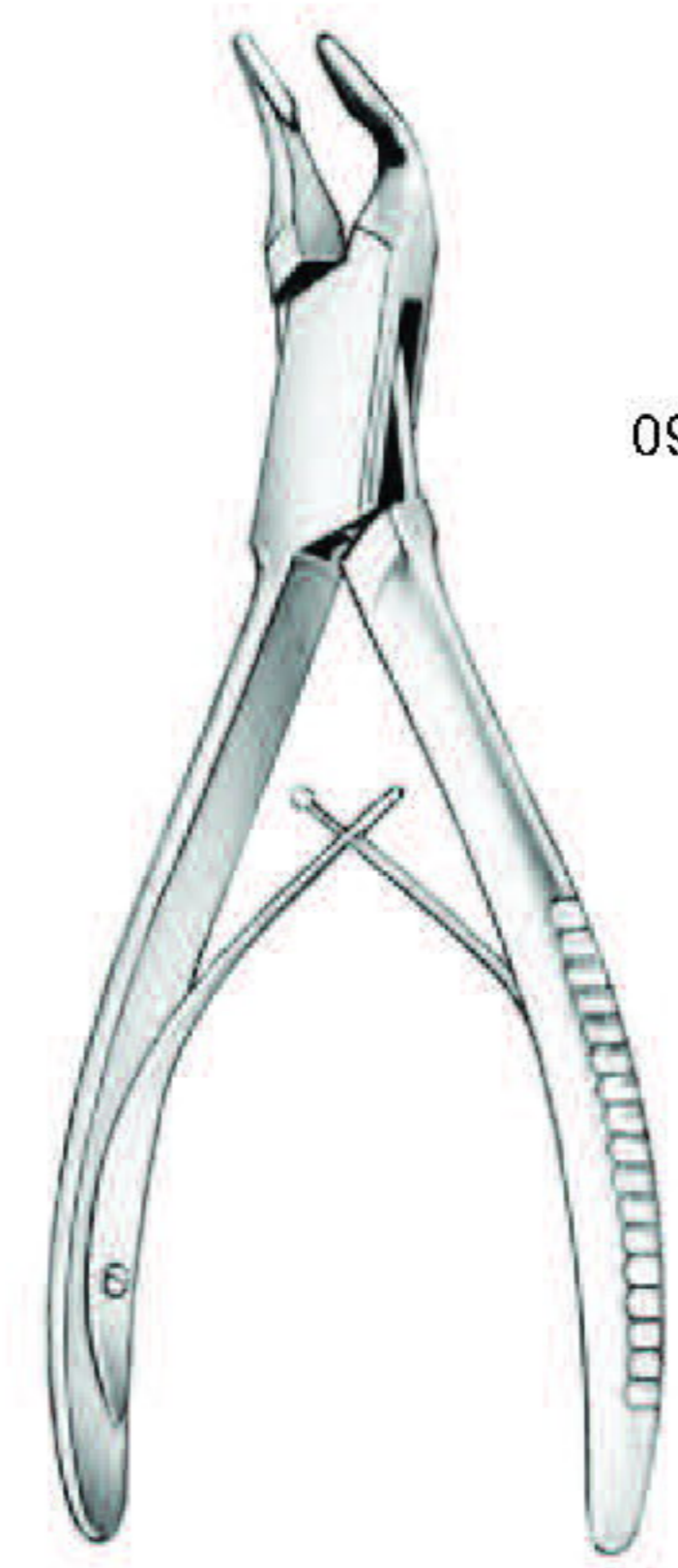
JANSEN
18 cm/7"



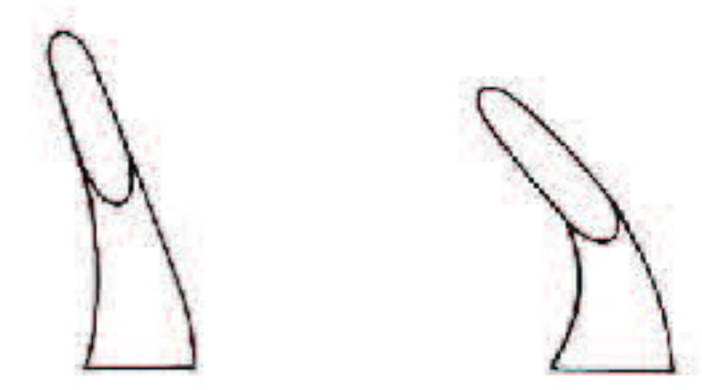
09-2652-01 09-2652-02



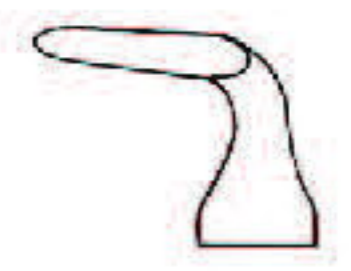
09-2652-03



BLUMENTHAL
15 cm/6"



09-2653-01 09-2653-02



09-2653-03



LEMPERT
20 cm/8"



09-2654-20 09-2655-20



DEFOURMENTEL
09-2656-19
19 cm/7 3/4"





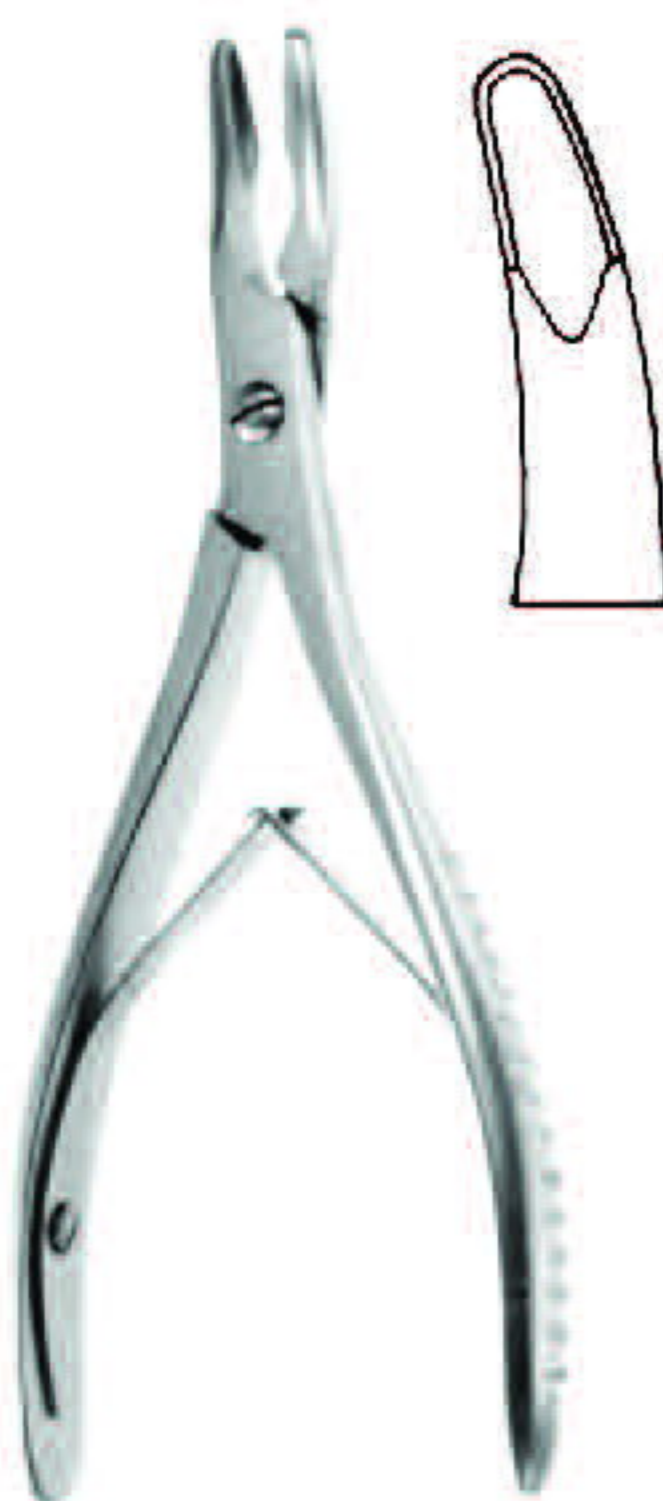
LUER
 09-2661-01
 15 cm/6"



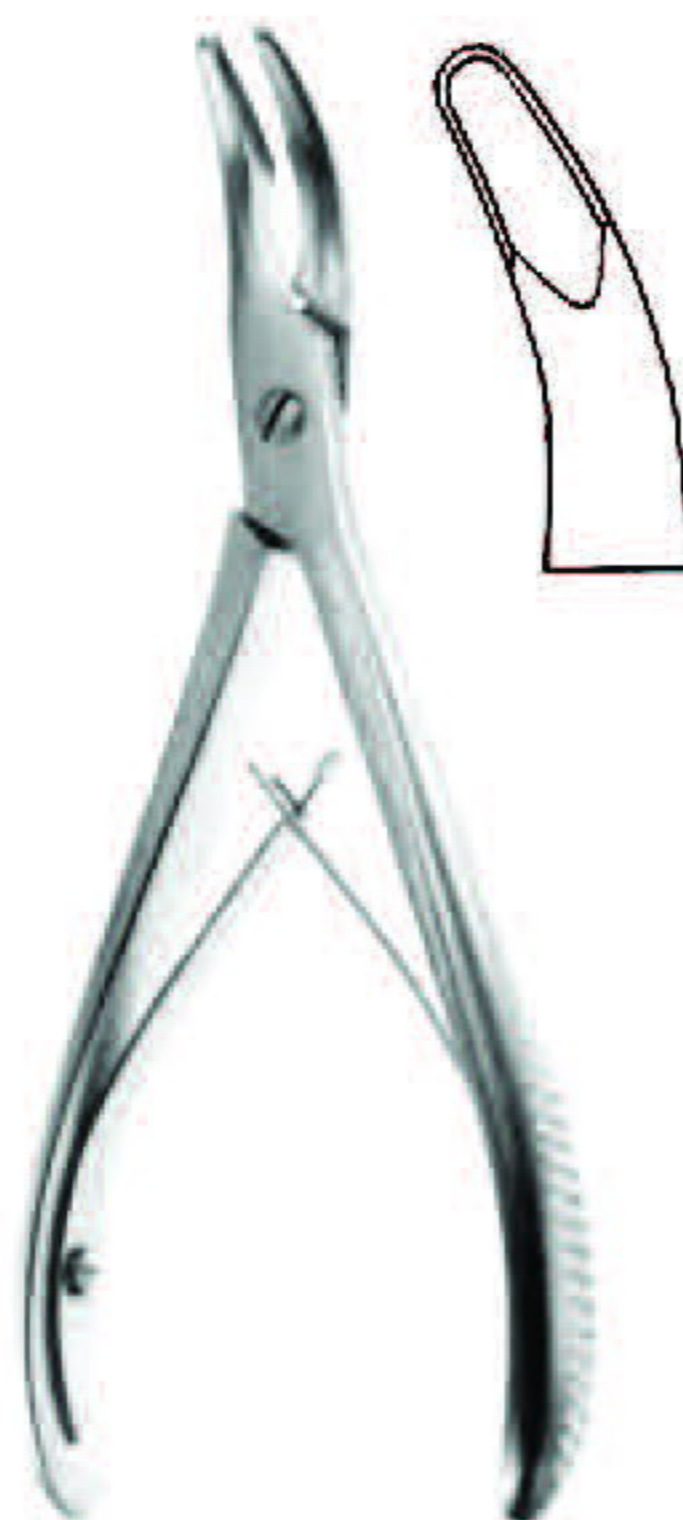
LUER
 09-2661-02
 15 cm/6"



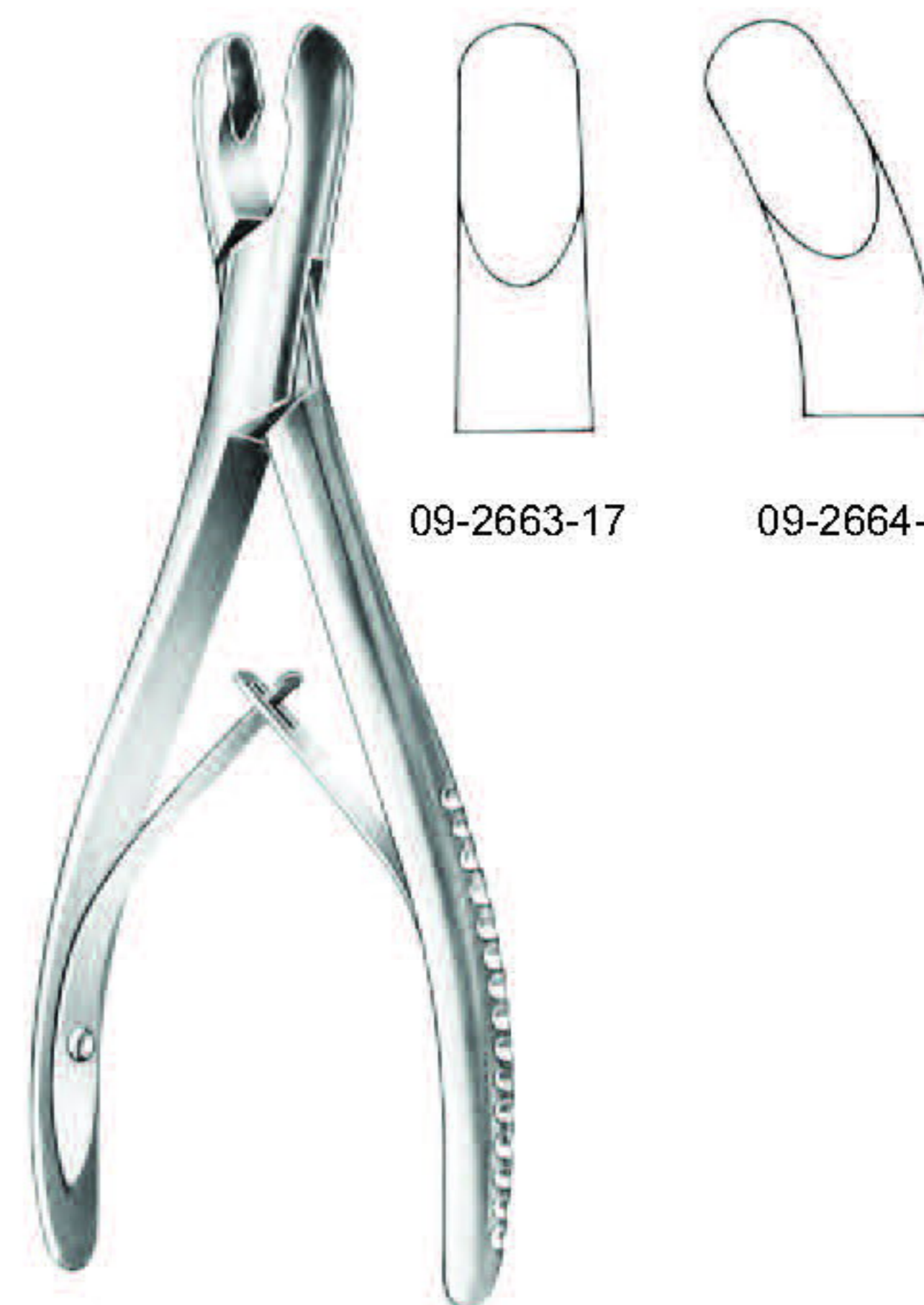
LUER
 09-2661-03
 15 cm/6"



LUER
 09-2662-01
 15 cm/6"



LUER
 09-2662-02
 15 cm/6"



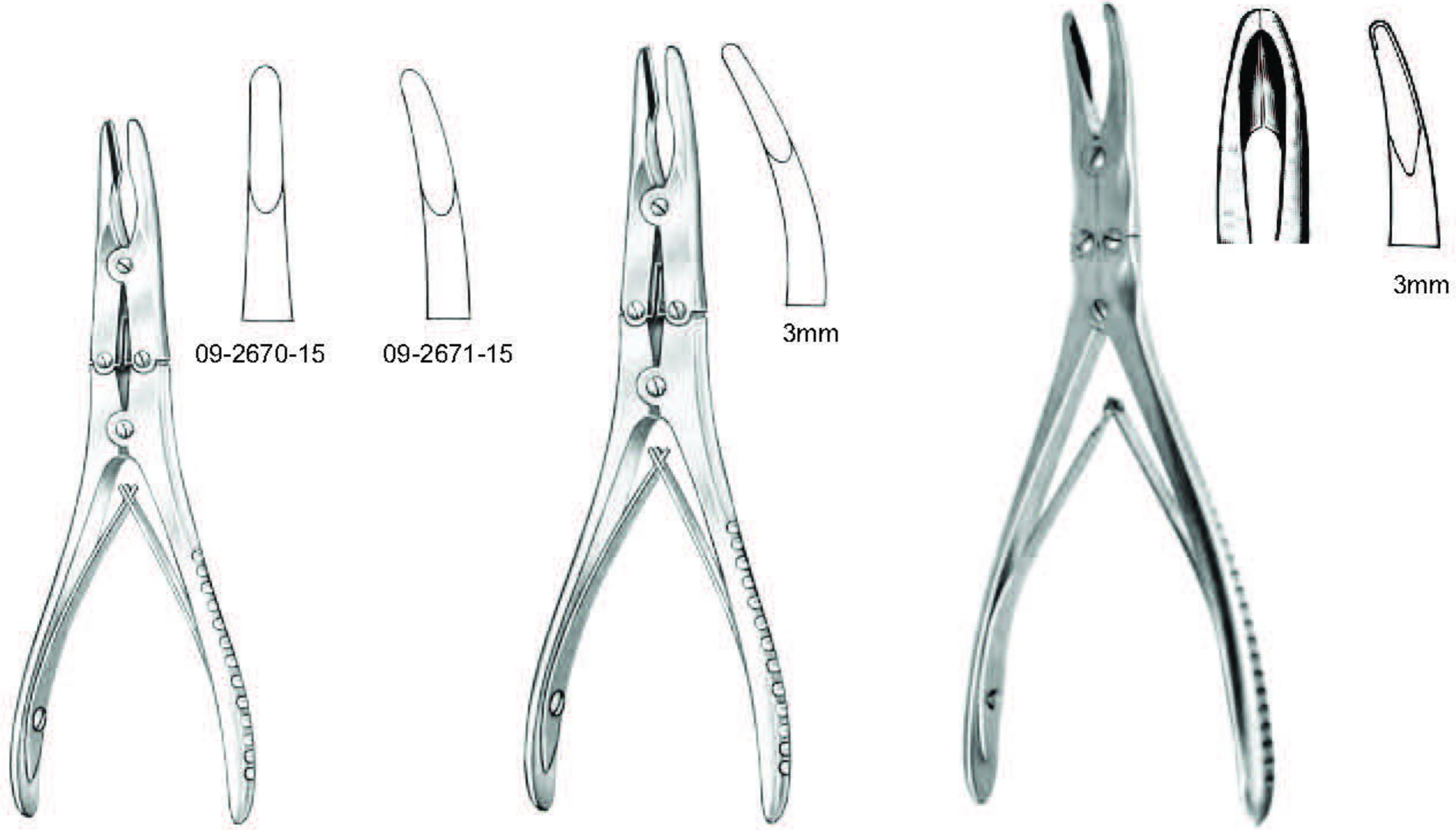
09-2663-17

09-2664-17

LUER
 17 cm/6 3/4"

EN	Bone Rongeur Forceps
DE	Hohlmeißelzangen
ES	Pinzas-gubias
FR	Bone Rongeur Forceps
IT	Bone Rodent Forceps

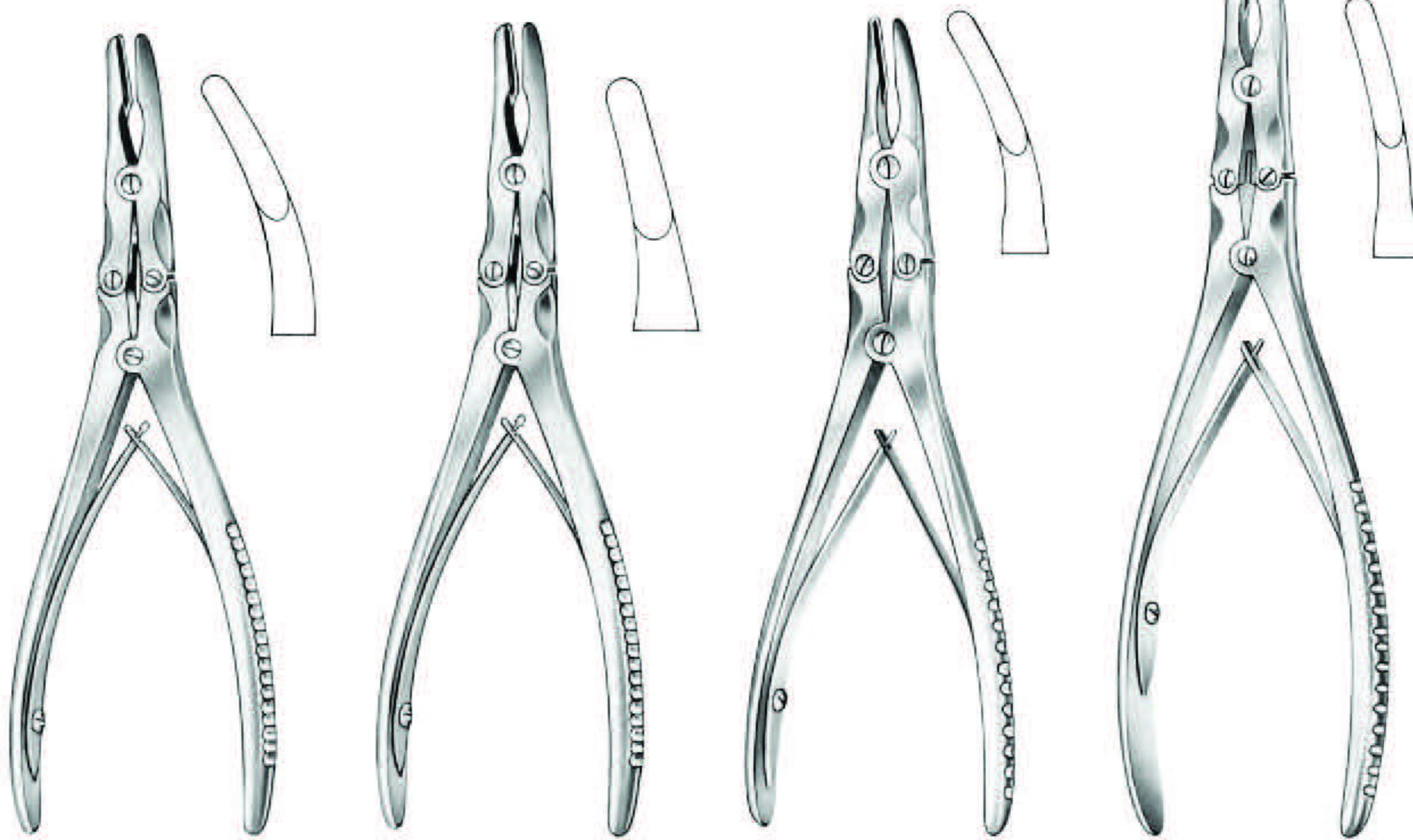
BONE SURGERY



BÖHLER
15 cm/6"

KLEINERT-KUTZ
09-2672-15
15 cm/6"

GEIGER
09-2673-15
15 cm/6"

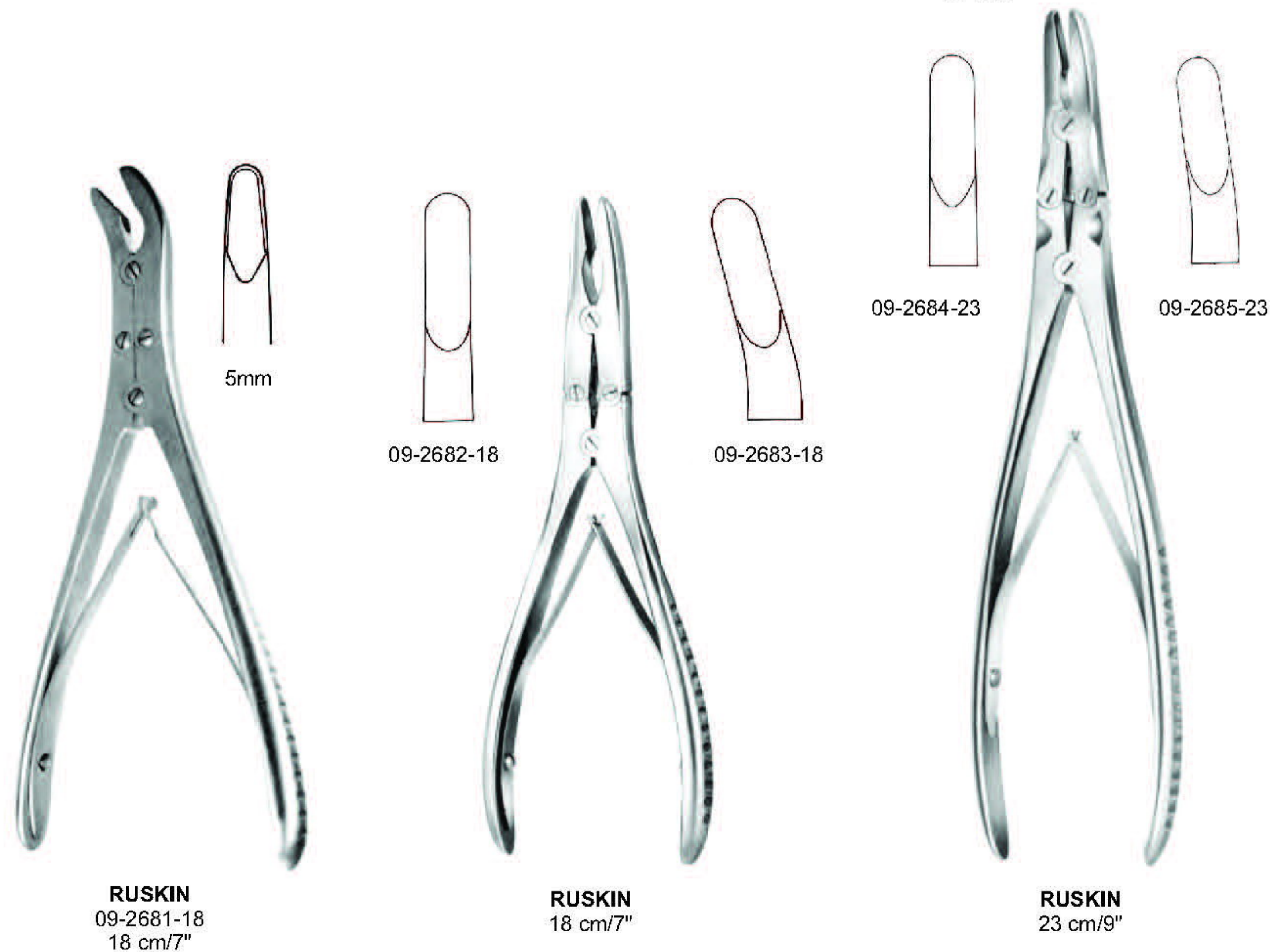
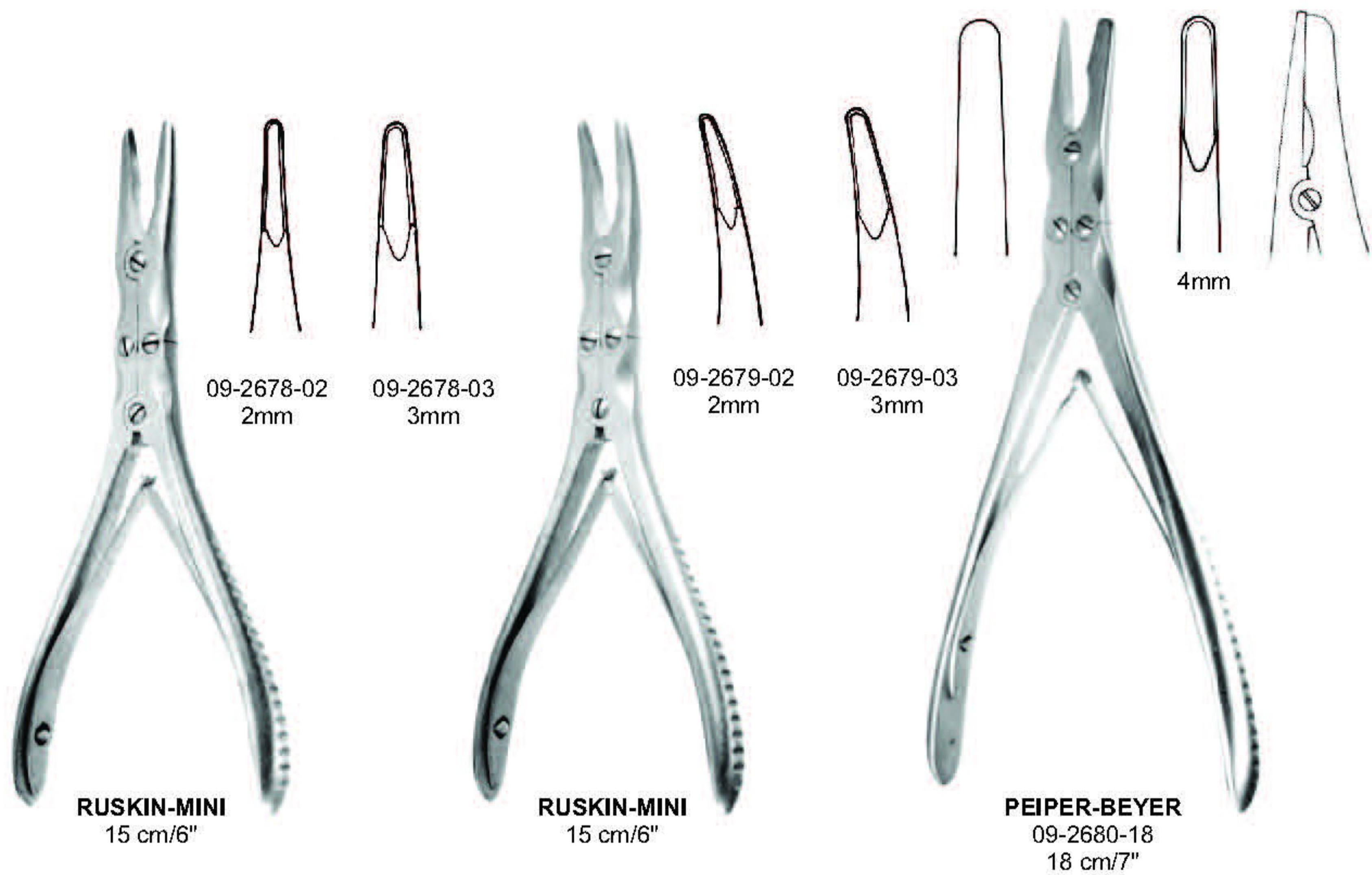


BEYER
09-2674-18
18 cm/7"

ZAUFAL-JANSEN
09-2675-18
18 cm/7"

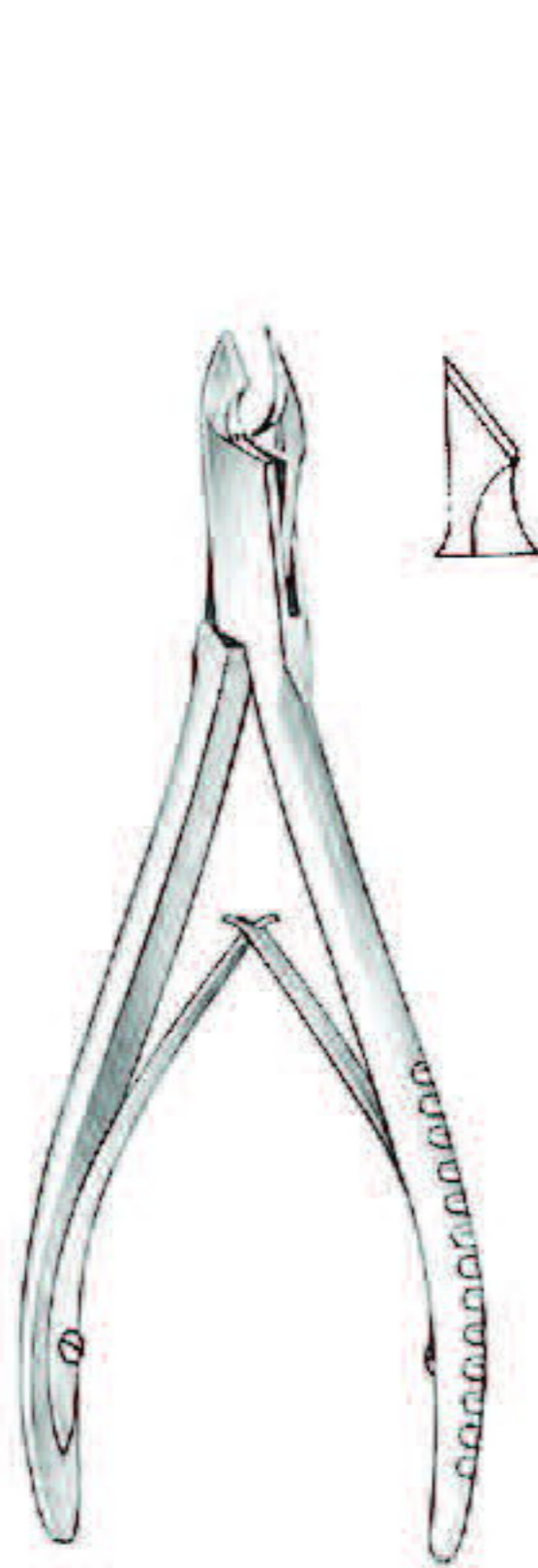
MAYFIELD
09-2676-17
17 cm/6 3/4"

MARQUARDT
09-2677-20
20 cm/8"

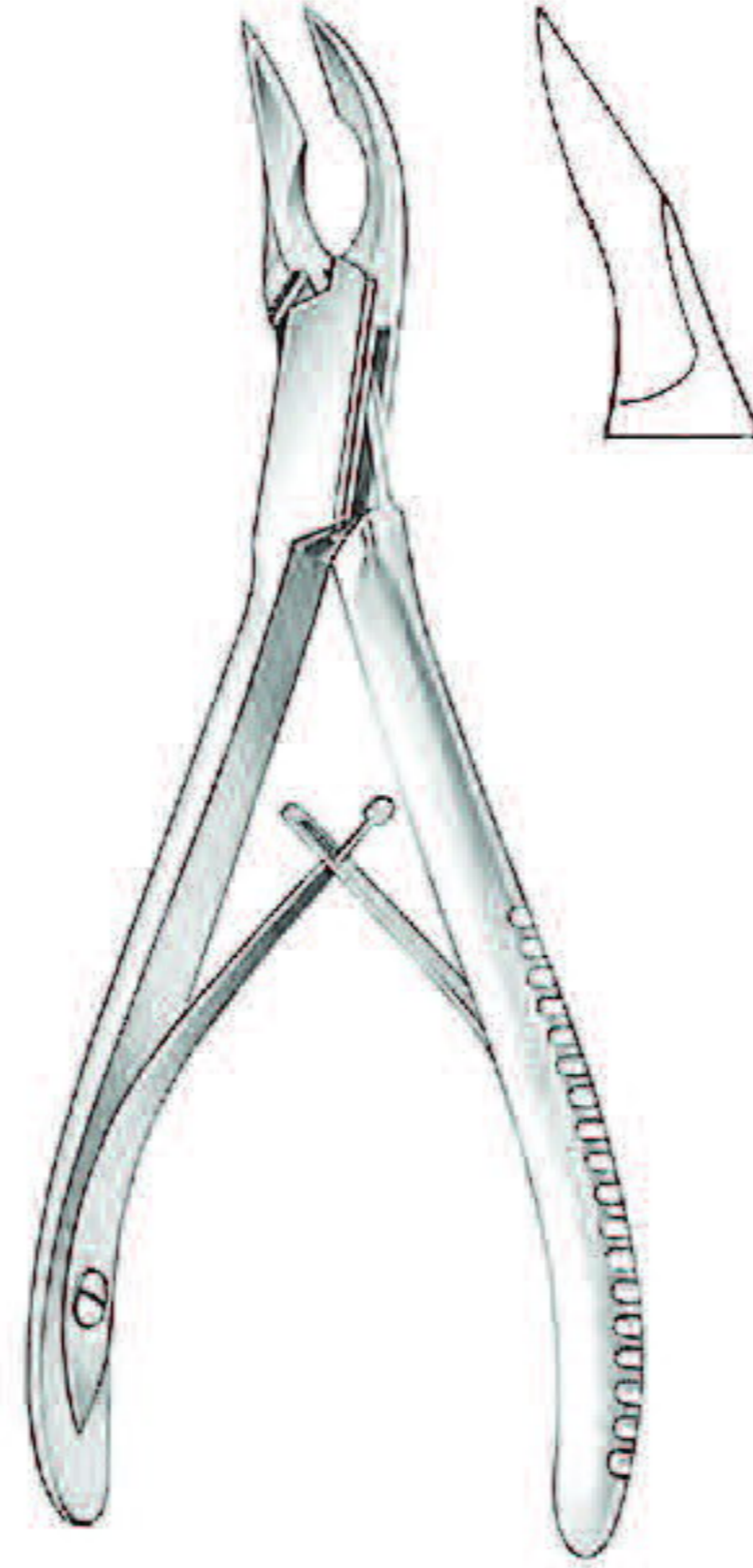


EN	Bone Cutting Forceps
DE	Knochensplitterzangen
ES	Pinzas cortantes para huesos
FR	Forceps de coupe osseuse
IT	Pinze per taglio osseo

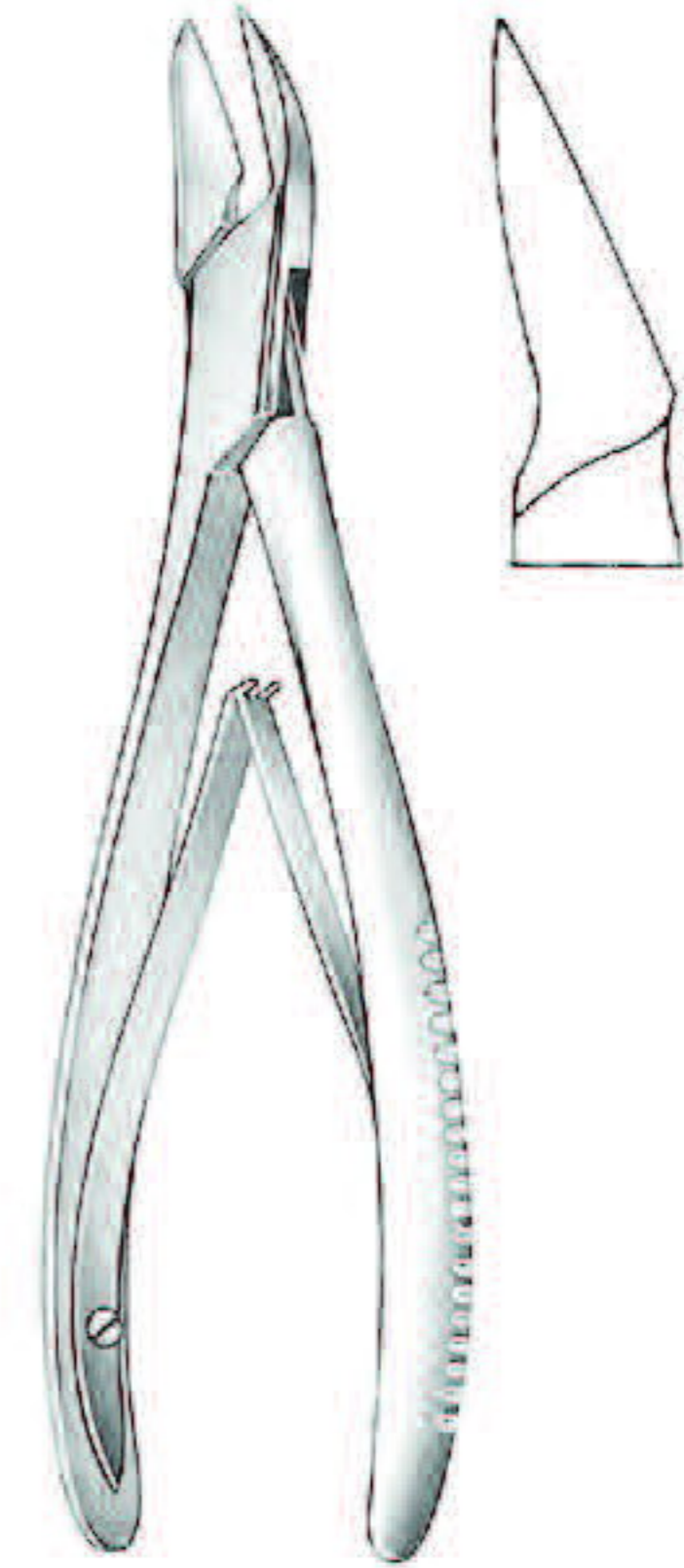
BONE SURGERY



09-2686-12
12 cm/5"



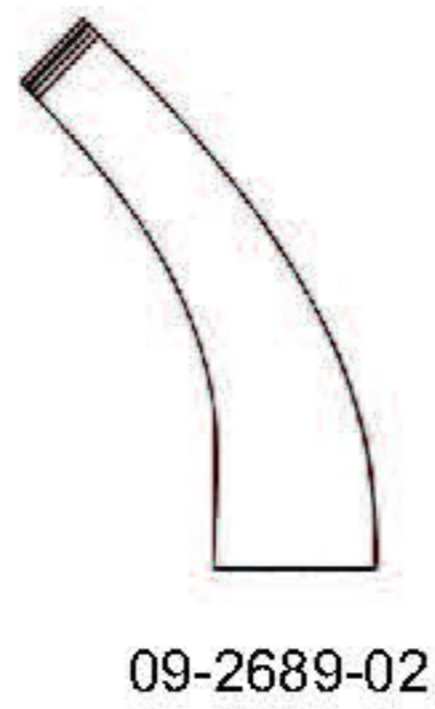
CLEVELAND
09-2687-15
15 cm/6"



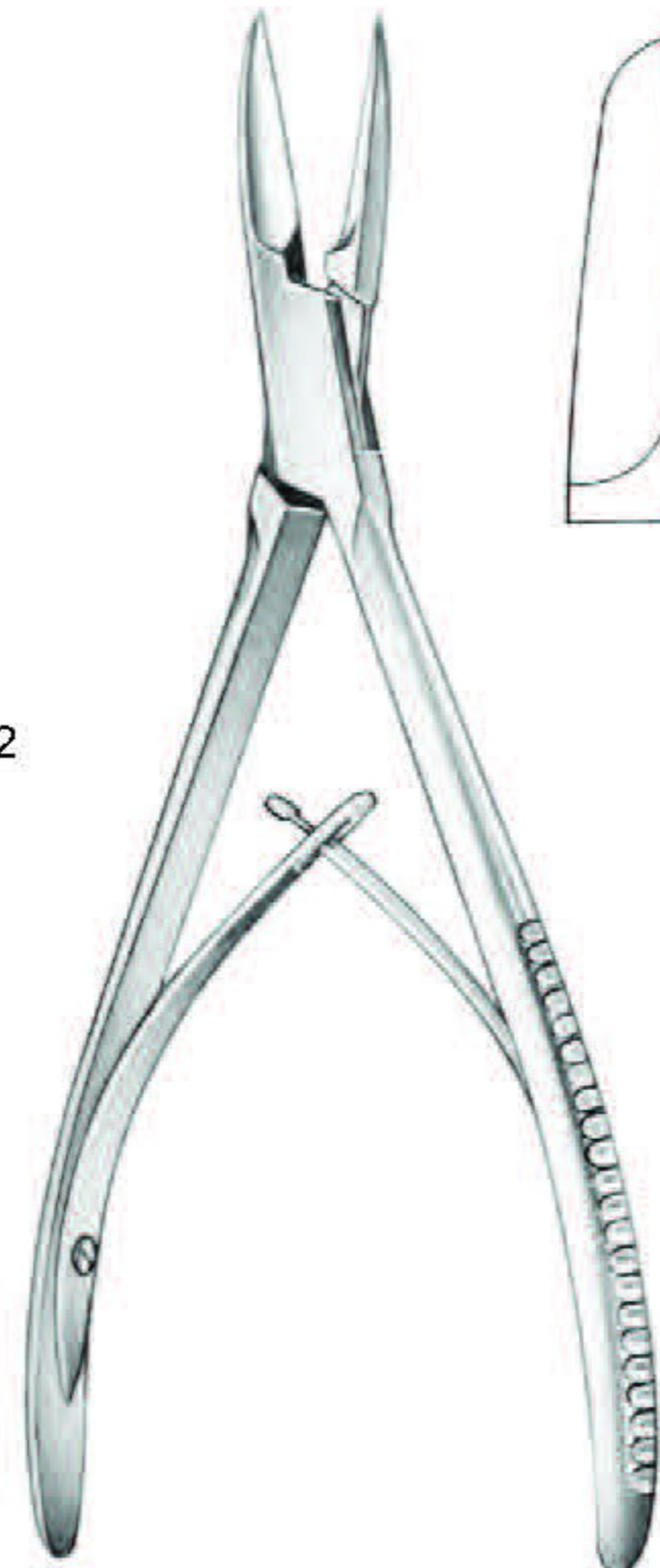
CLEVELAND
09-2688-17
17 cm/6 3/4"



CLEVELAND
16 cm/6 1/2"



09-2689-02



COTTLE-KAZANJIAN
09-2690-19
19 cm/7 3/4"



MARKWALDER
09-2691-20
20 cm/8"

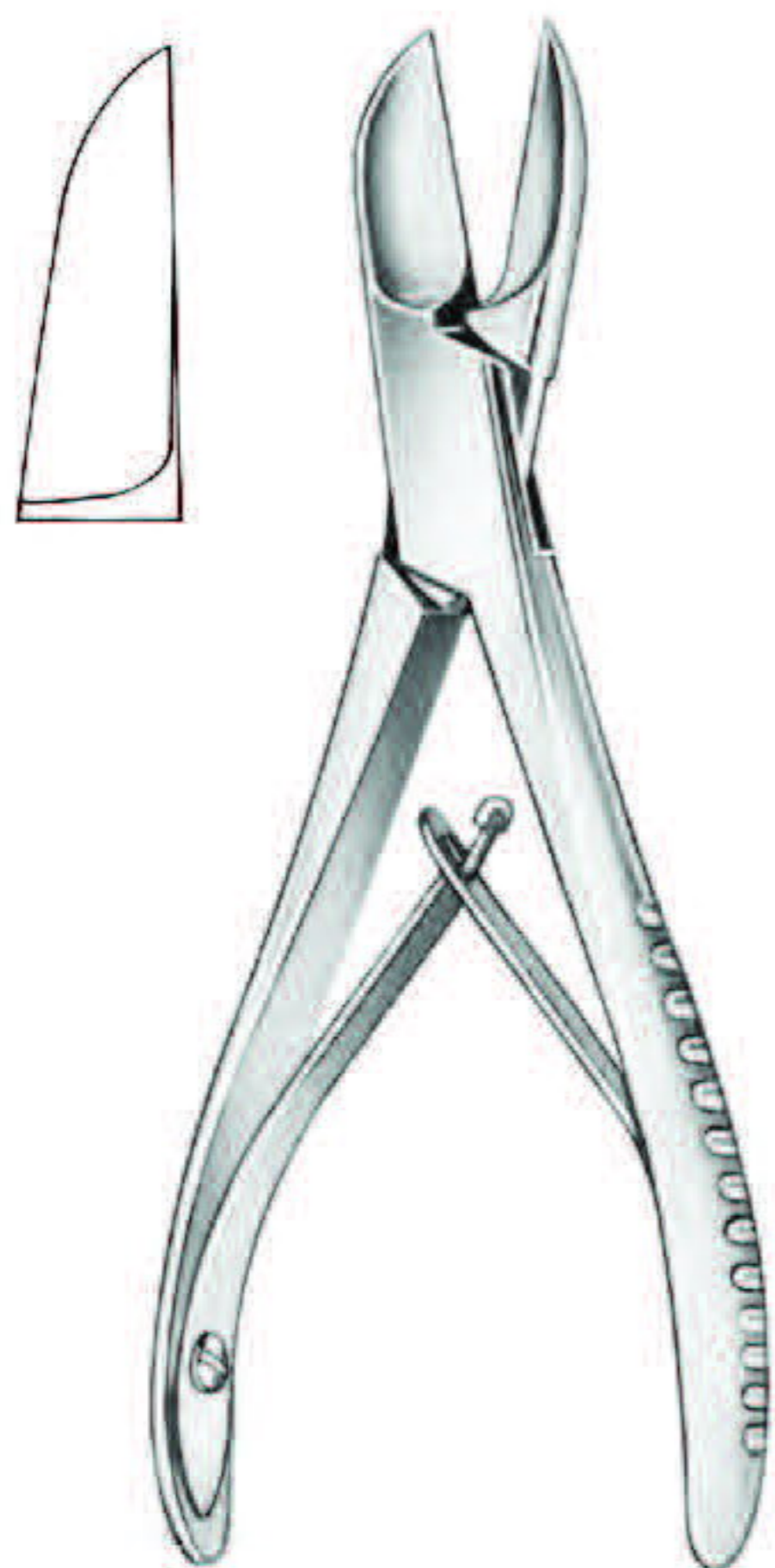
Bone Cutting Forceps EN

Knochensplitterzangen DE

Pinzas cortantes para huesos ES

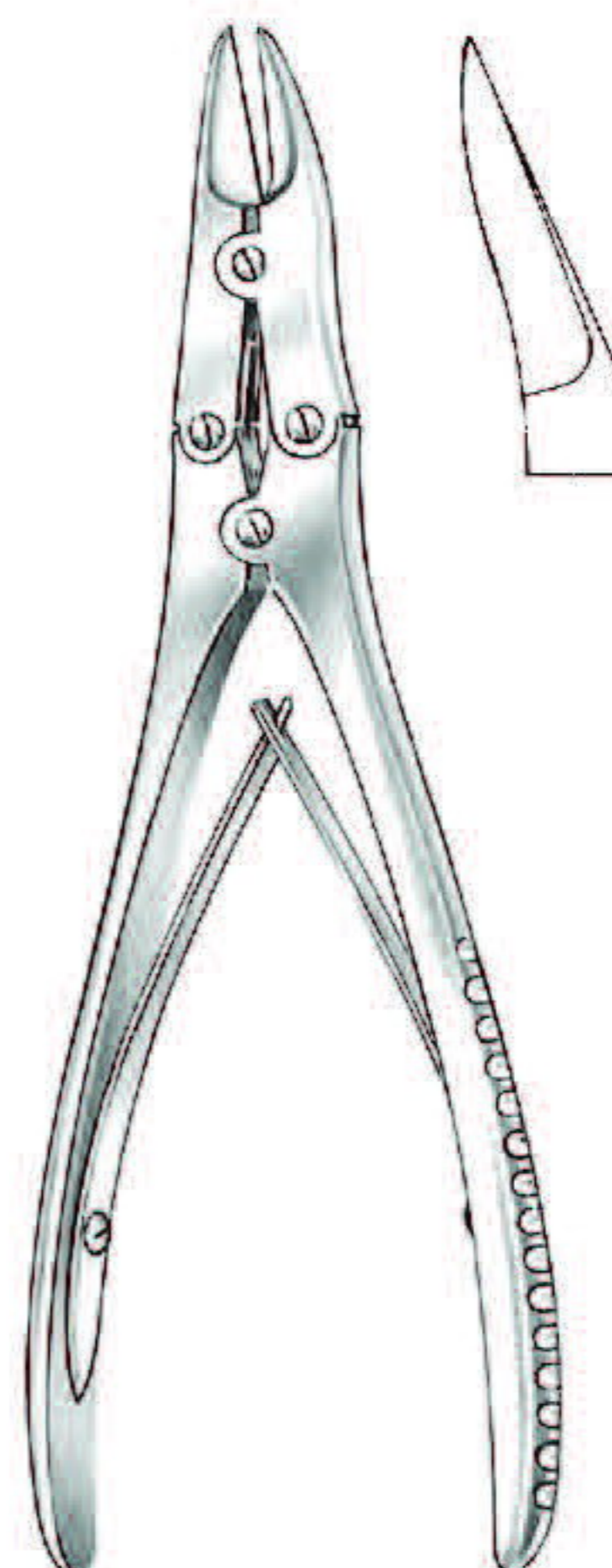
Forceps de coupe osseuse FR

Pinze per taglio osseo IT



LISTON

09-2692-14 14.0cm 09-2693-14
09-2692-17 17.0cm 09-2693-17
09-2692-19 19.0cm 09-2693-19
09-2692-22 22.0cm 09-2693-22

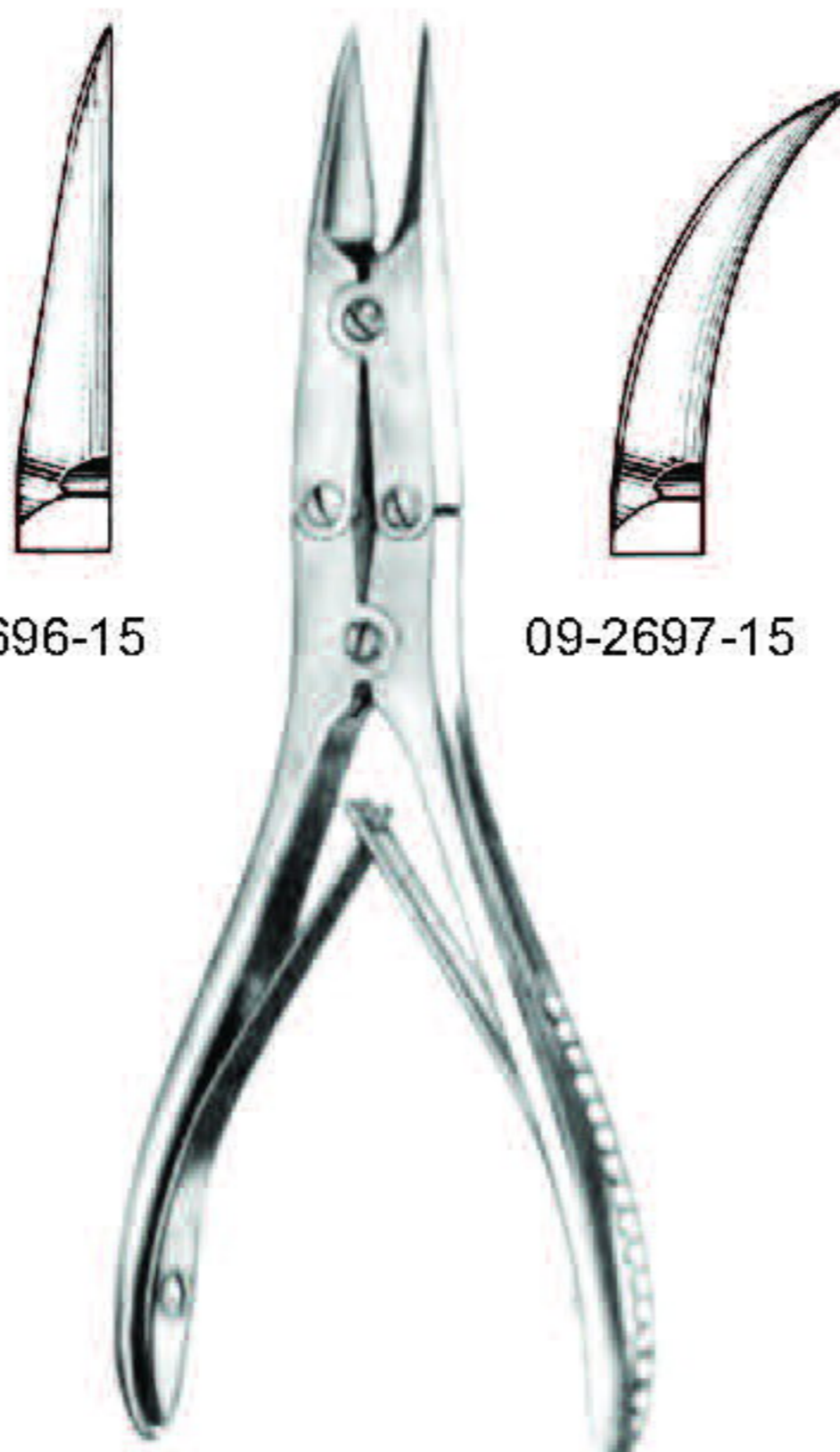


MC INDOE

09-2694-17
17.5 cm/7"



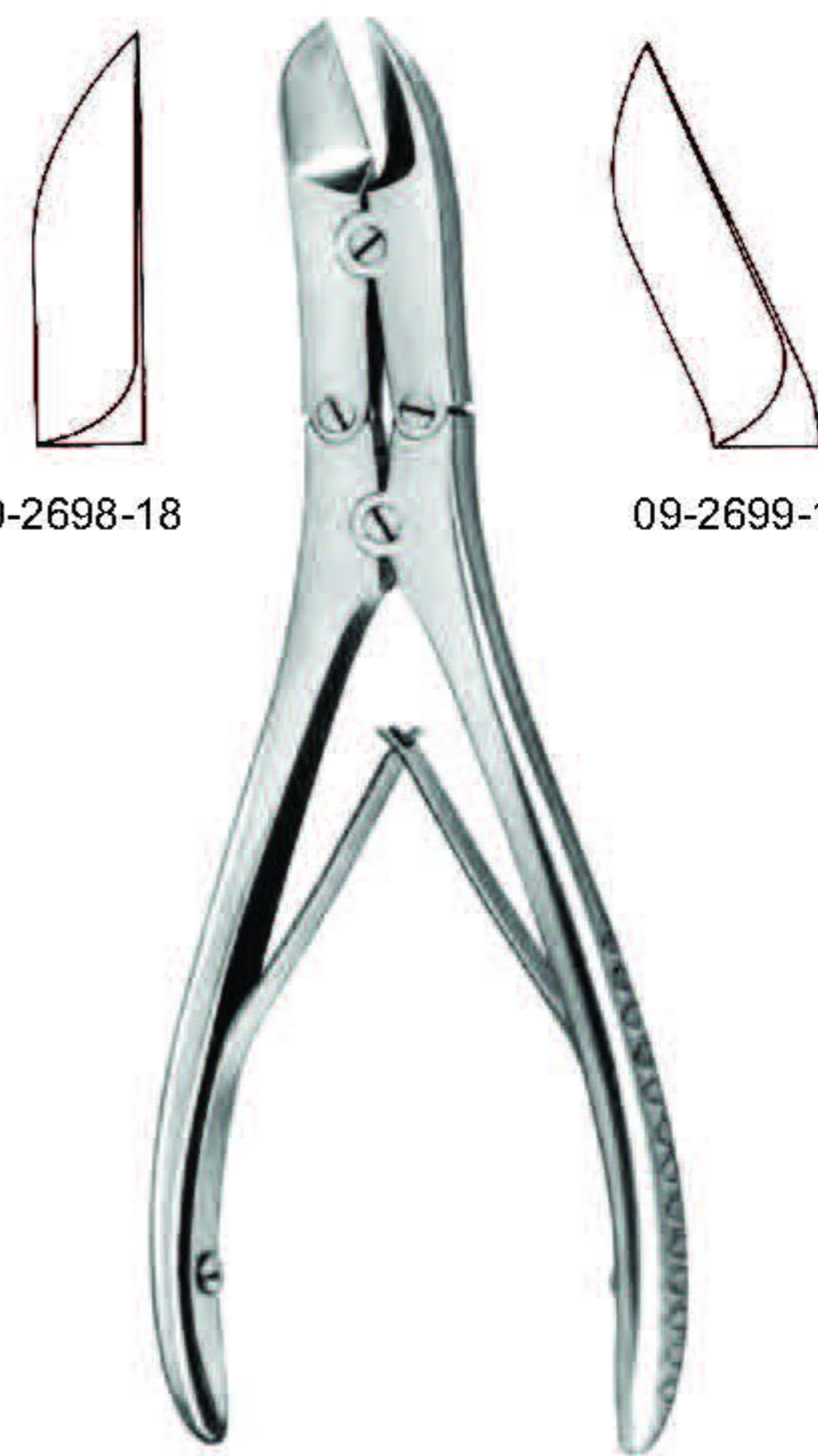
Bouier
09-2695-15
15 cm/6"



09-2696-15

09-2697-15

15 cm/6"

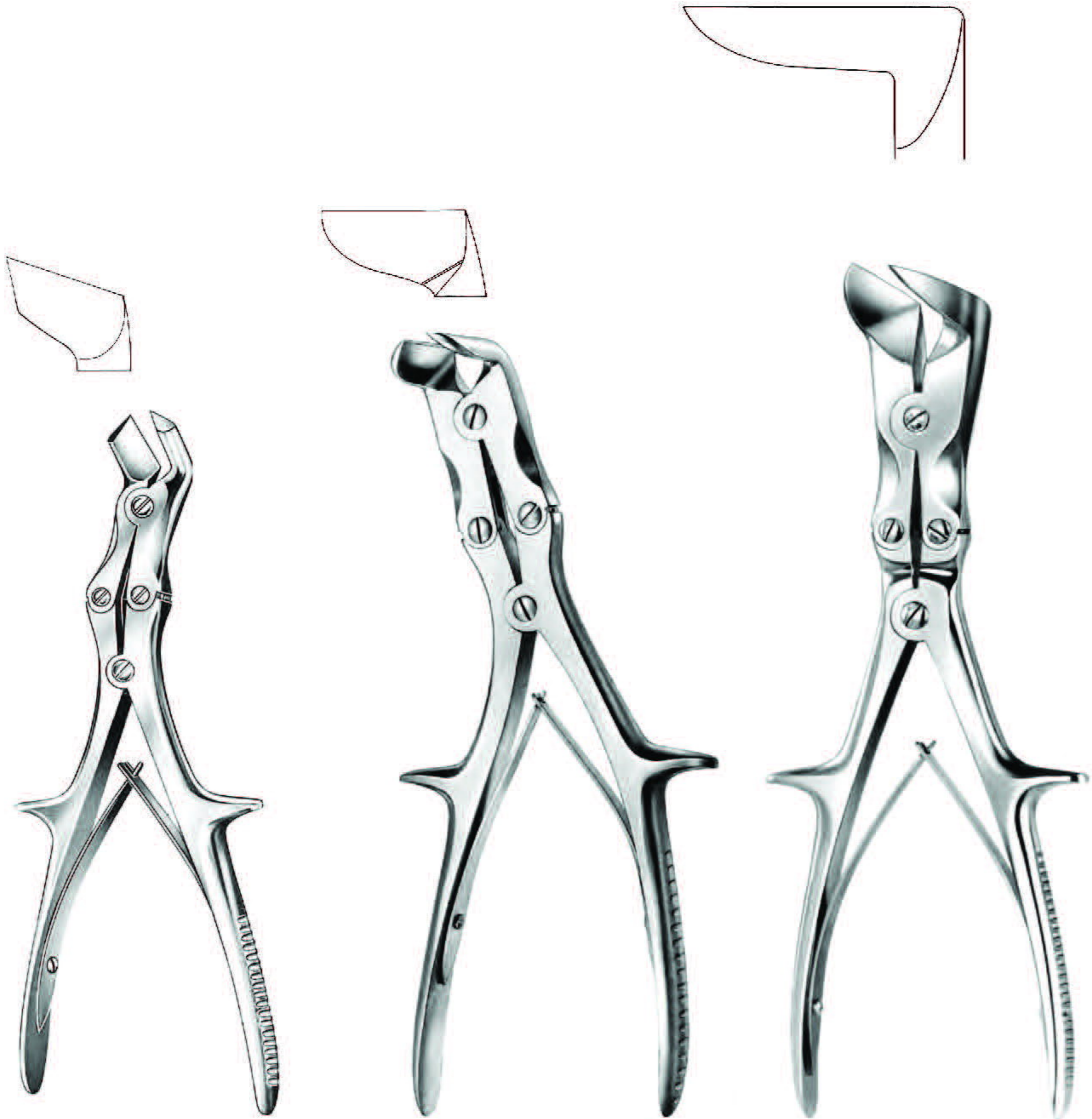


09-2698-18

09-2699-18

RUSKIN-LISTON
18.5 cm/7 1/2"

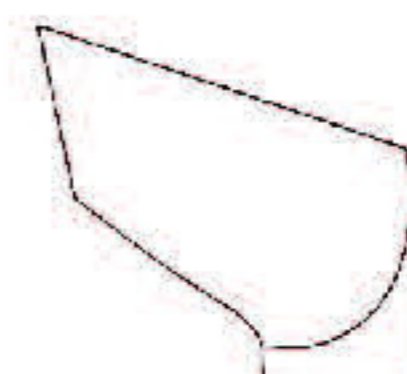
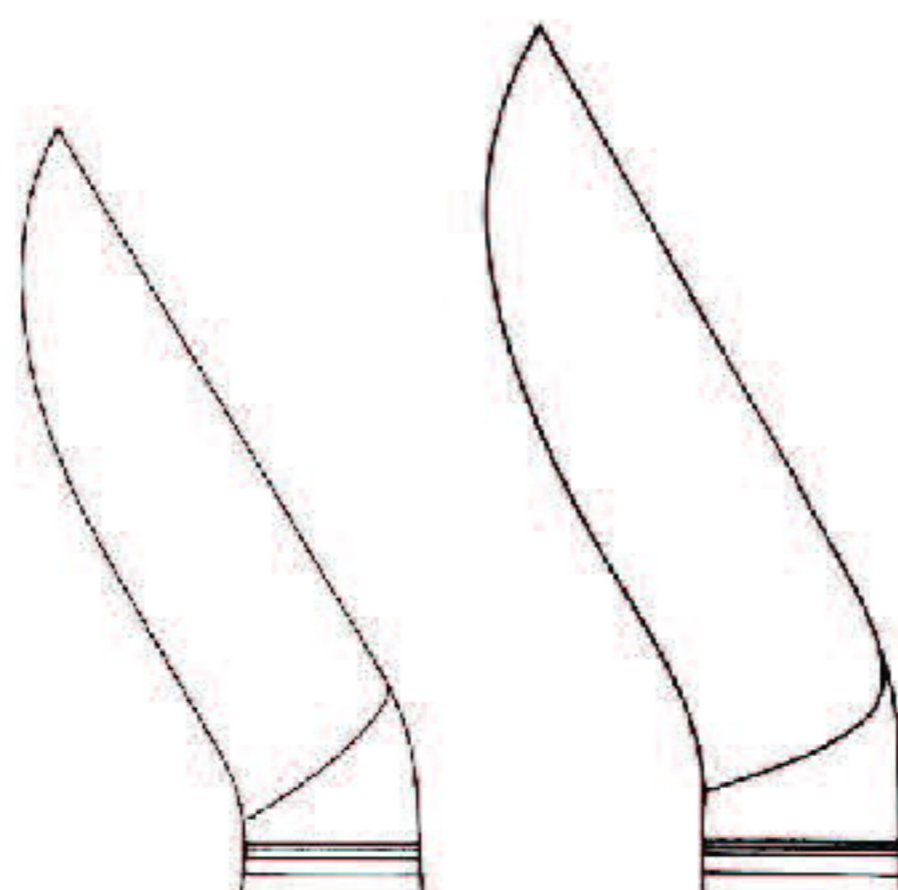
EN	Bone Cutting Forceps
DE	Knochensplitterzangen
ES	Pinzas cortantes para huesos
FR	Forceps de coupe osseuse
IT	Pinze per taglio osseo



TUDOR-EDWARDS
09-2700-23
23 cm/9"

SEMB
09-2701-24
24 cm/9 3/4"

STILLE-LISTON
09-2702-27
27 cm/10 3/4"



09-2704-23

09-2704-27



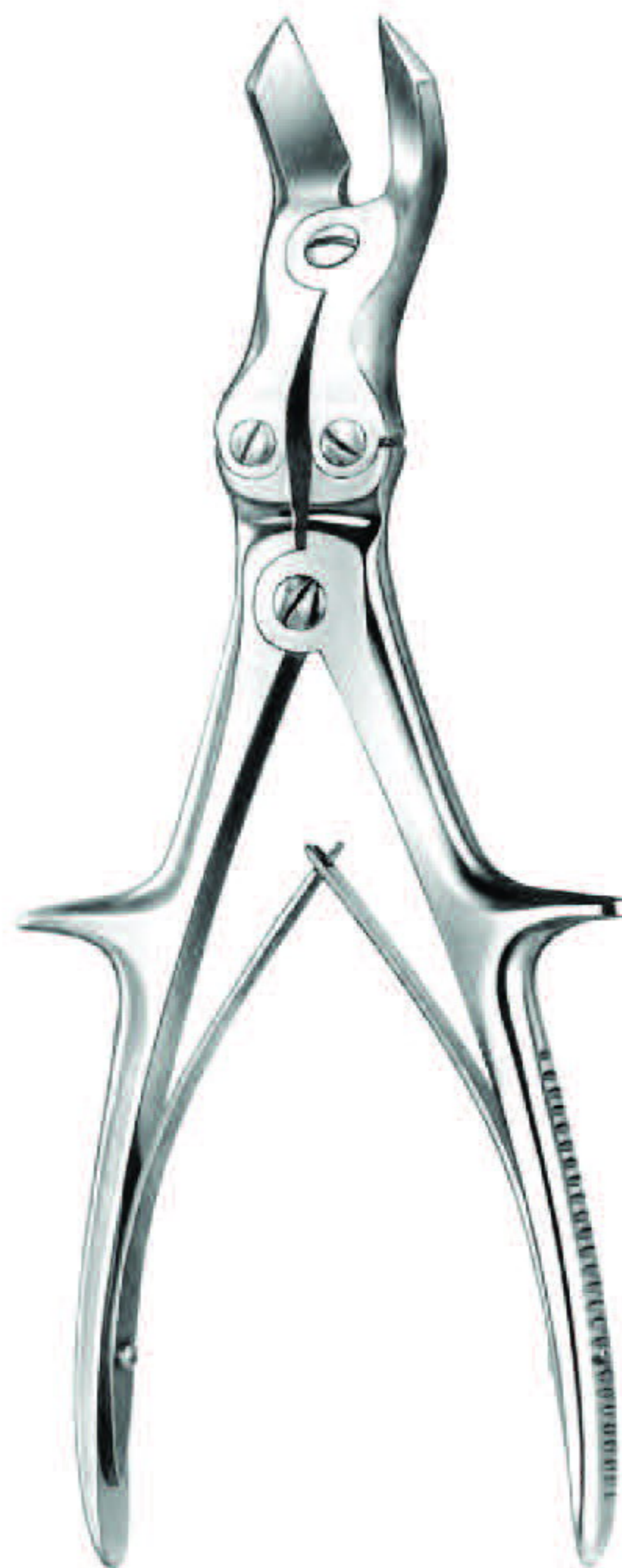
STILLE LISTON

09-2703-27
 27 cm/10 3/4"



STILLE LISTON

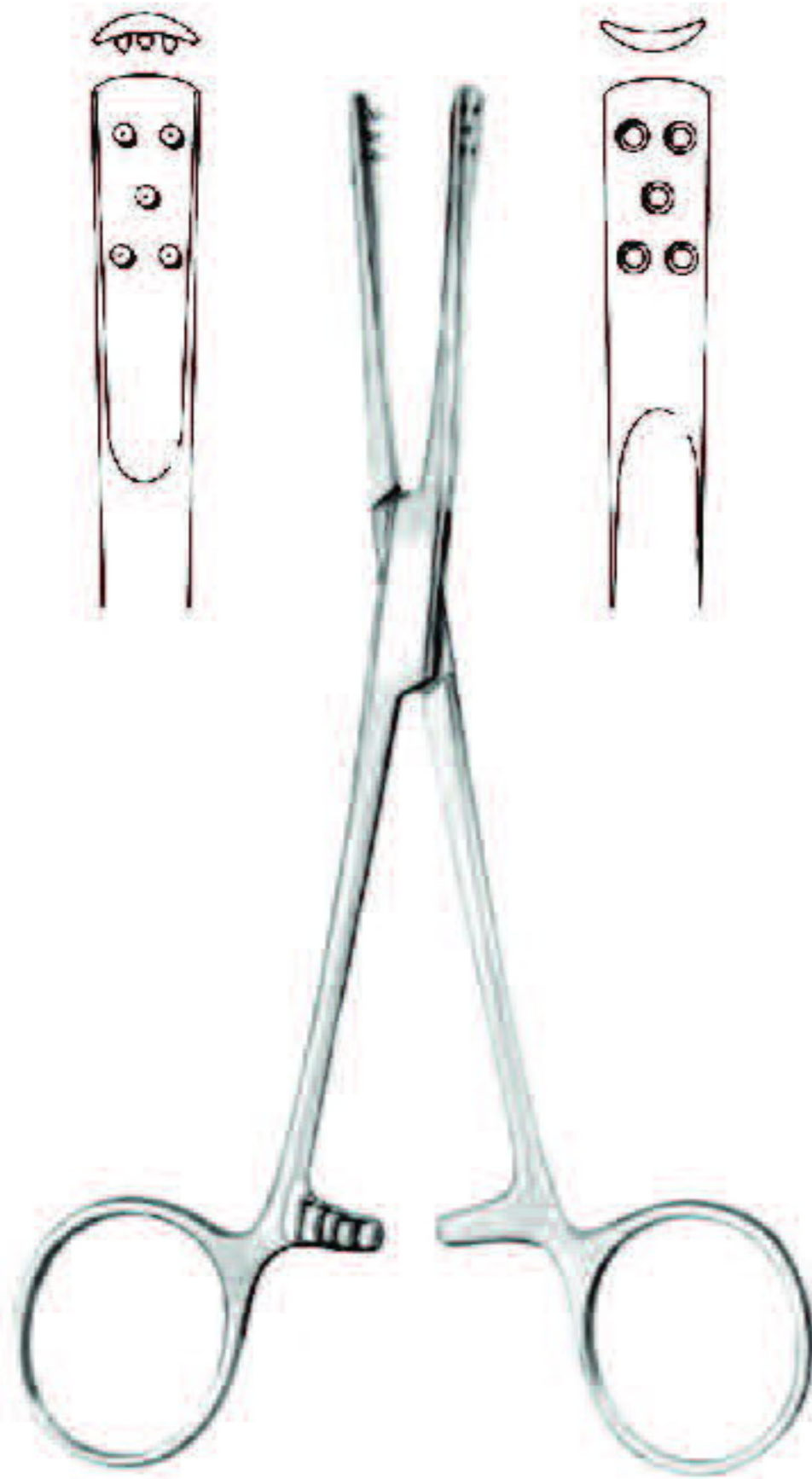
09-2704-23 23 cm/9"
 09-2704-27 27 cm/10 3/4"



LISTON KEY

09-2705-27
 27 cm/10 3/4"

BONE SURGERY



PENNER
 09-2706-15
 15 cm/6"



RADOLF
 09-2707-13
 13.5 cm/5 1/2"



09-2708-01 saw
 09-2708-02 key

09-2708-00
 17 cm/7"



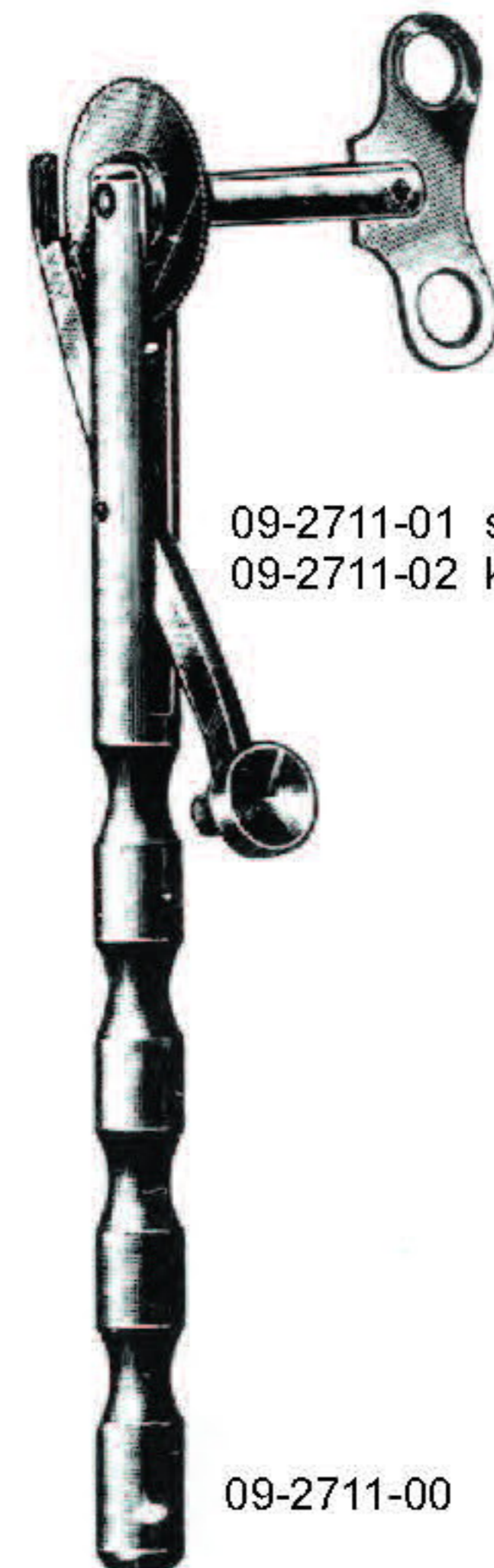
09-2709-01 saw
 09-2709-02 key

09-2709-00
 17 cm/7"



09-2710-01 saw
 09-2710-02 key

WALTON
 09-2710-00
 16 cm/5 1/2"



09-2711-01 saw
 09-2711-02 key

09-2711-00

- EN** Plaster Instruments
- DE** Plaster Instrumente
- ES** Instrumentos de yeso
- FR** Plâtre
- IT** Strumenti in gesso

Page 115 to 117



EN	Bandage Scissors
DE	Verbandschere
ES	Tijeras vendaje
FR	Ciseaux de pansement
IT	Forbici per bende

**Lister**

10-2801-09 09.0 cm/3 1/2"
10-2801-11 11.5 cm/4 1/2"
10-2801-14 14.0 cm/5 1/2"
10-2801-15 15.5 cm/6"
10-2801-18 18.0 cm/7"
10-2801-20 20.0 cm/8"

**Lister**

10-2802-18 18.5 cm/7 1/4"
10-2802-21 21.0 cm/8 1/4"

**Lister-Excentric**

10-2803-16 16 cm/6 1/4"
10-2803-19 19 cm/7 1/2"

**Esmarch**

10-2804-20 20 cm/8"
10-2804-22 22 cm/8 3/4"

**Bergmann**

10-2805-23
23 cm/9"

**Lorenz**

10-2806-23
23 cm/9"



Bergmann
 10-2821-18
 18 cm/7"



Engel
 10-2822-14
 14 cm/5 1/2"

Plaster of paris knives and saws



Hopkins
 10-2823-20
 20 cm/8"



Esmarch
 10-2824-18
 18 cm/7"



Reiner
 10-2825-18
 18 cm/7"



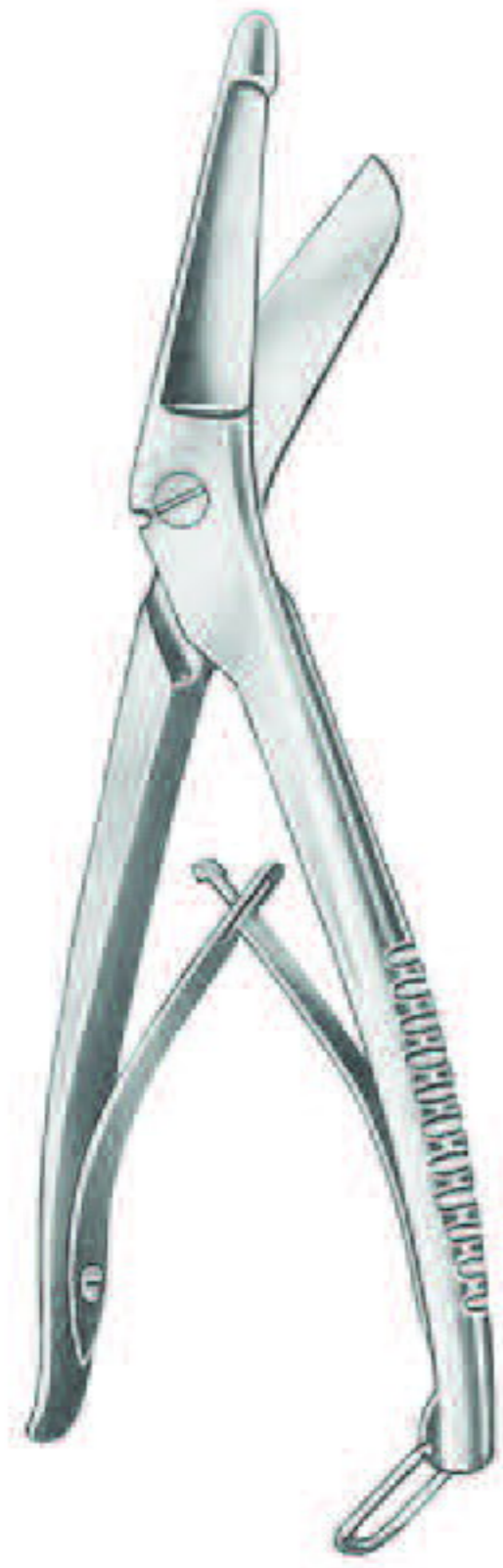
10-2826-21
 21 cm/8 1/2"



Wigmore
 10-2827-19
 19 cm/7 1/2"

EN	Plaster shears
DE	Gipsscheren
ES	Tijeras para yeso
FR	Cisailles à plâtre
IT	Cesoie per gesso

PALSTER



10-2828-20 20.0cm



Seutin
10-2829-23 23.0cm



Brun's
10-2830-24 24.0cm



Brun's (serrated)
10-2831-24 24.0cm



Stille-Mini
10-2832-20 20.0cm



Stille
10-2833-20 20.0cm
10-2833-23 23.0cm
10-2833-26 26.0cm
10-2833-30 30.0cm
10-2833-37 37.0cm



Stille
10-2834-24 24.0cm

EN	Suture
DE	Naht
ES	Sutura
FR	Suture
IT	Suturare

Page 118 to 136



EN	Needle Holders
DE	Nadelhalter
ES	Pinzas hemostáticas
FR	Porte-aiguilles
IT	Porta-ago

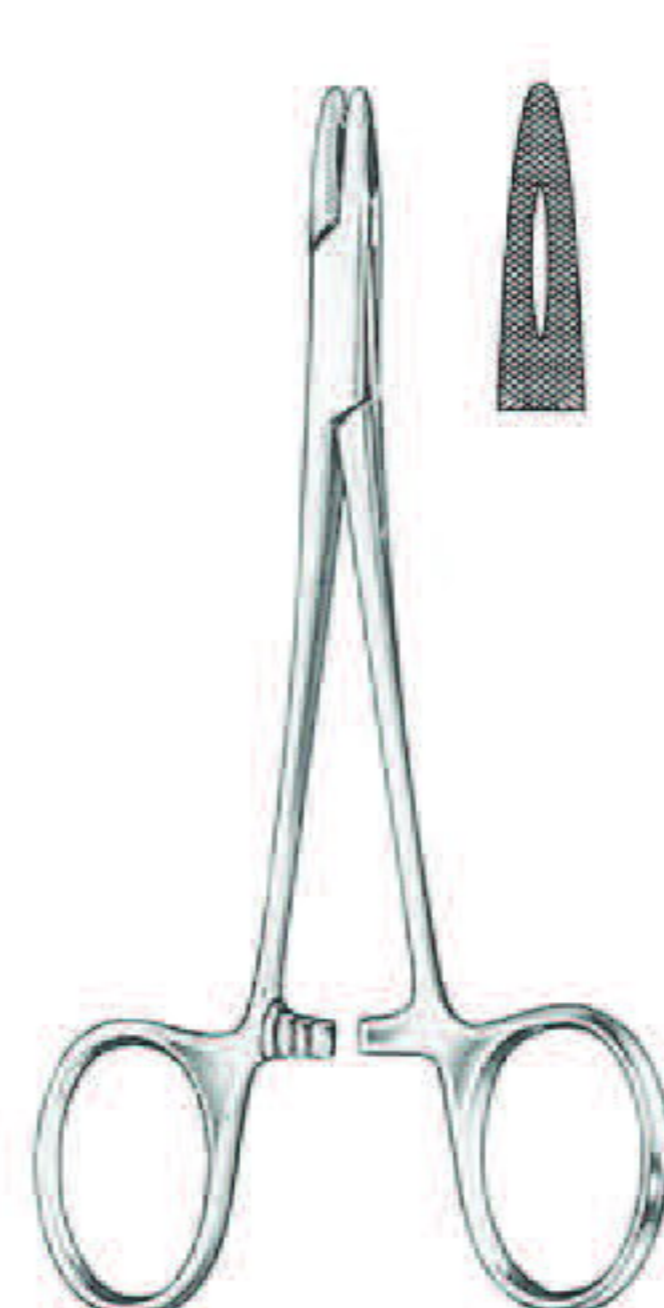
SUTURE



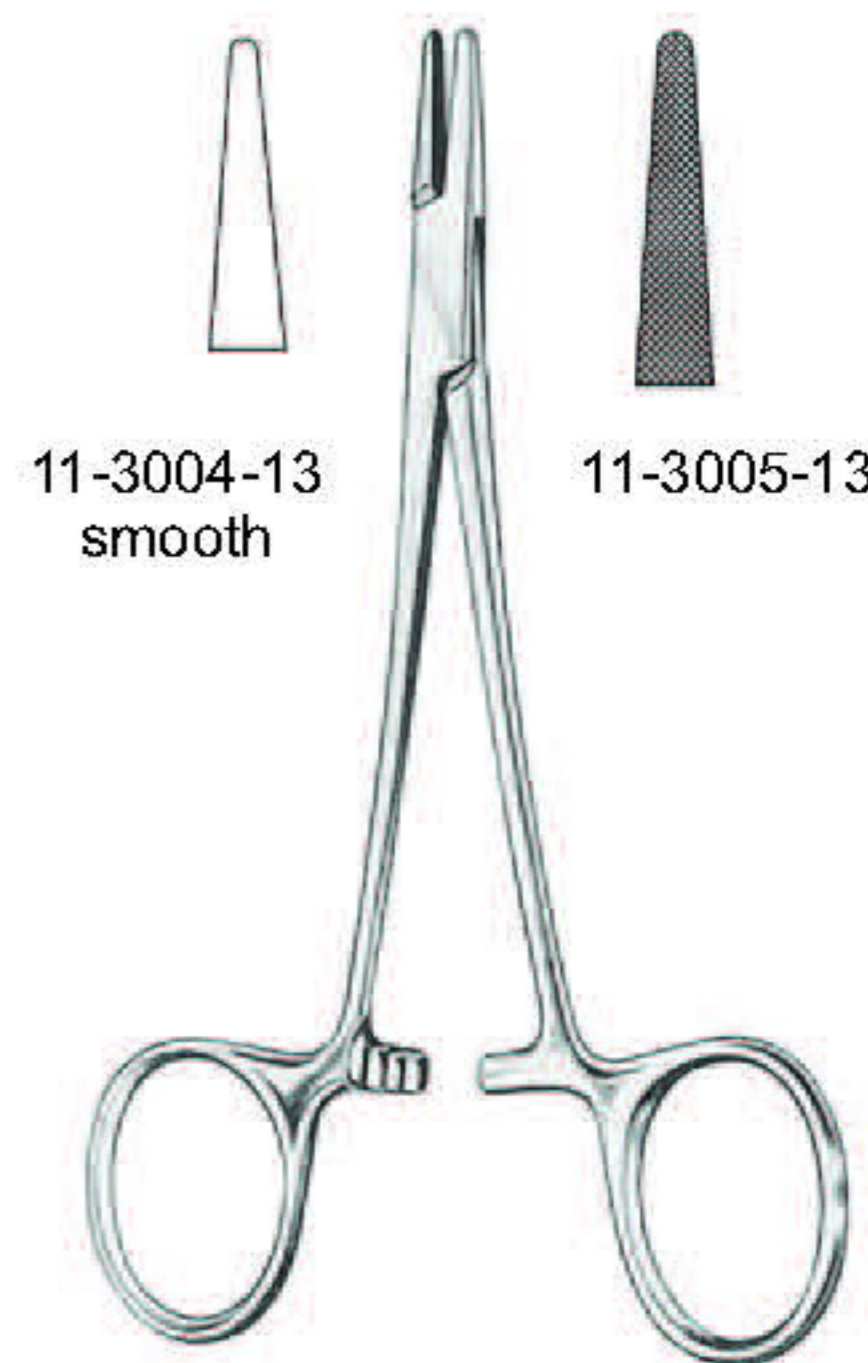
Derf
11-3001-12
12.0cm



Derf
11-3002-12
12.5cm

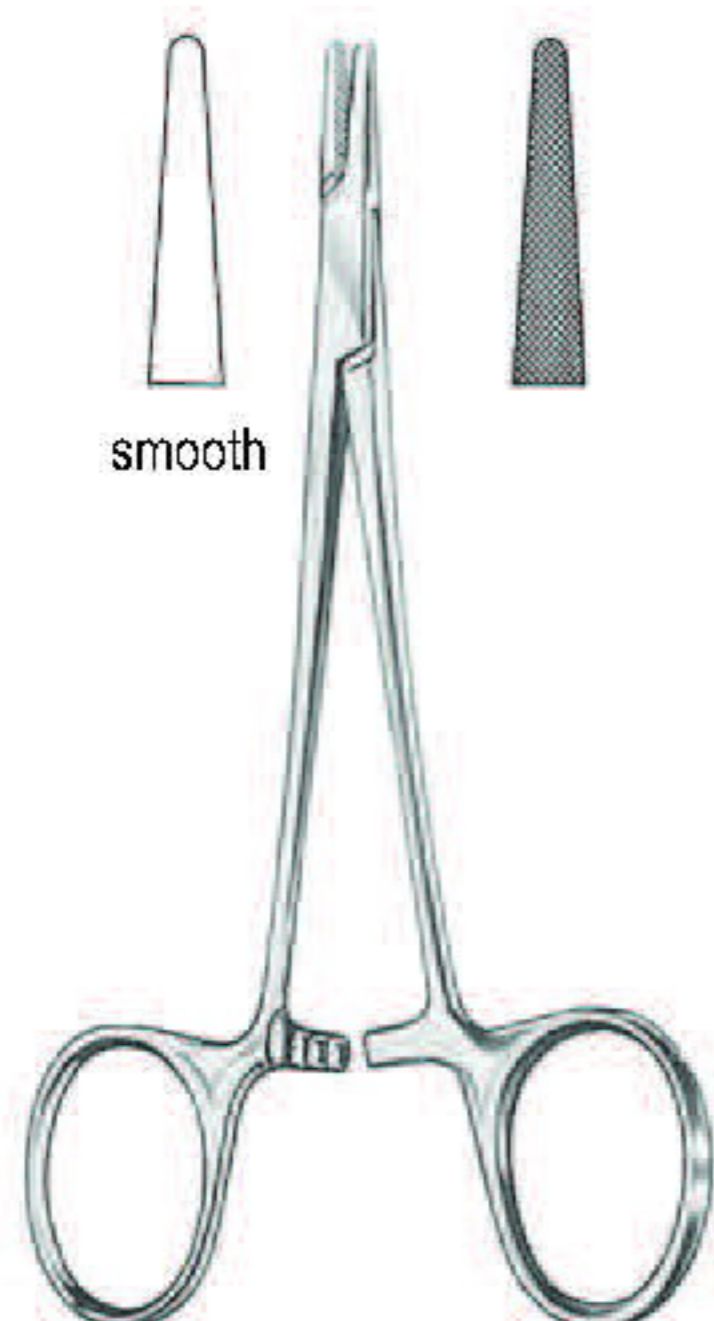


Collier
11-3003-12
12.5cm



Webster
13.0cm

Nadelhalter



Halsey
11-3006-13 13.0cm 11-3007-13



Neivert
11-3008-13
13.0cm



Hegar-Baumgartner
11-3009-12 12.5cm
11-3009-14 14.0cm



Brown
11-3010-13 13.0cm
11-3010-18 18.0cm



Mayo-Hegar
 11-3011-14 14.0cm 11-3012-14
 11-3011-15 15.0cm 11-3012-15
 11-3011-16 16.0cm 11-3012-16
 11-3011-18 18.0cm 11-3012-18
 11-3011-20 20.0cm 11-3012-20
 11-3011-22 22.0cm 11-3012-22
 11-3011-24 24.0cm 11-3012-24
 11-3011-26 26.0cm 11-3012-26
 11-3011-28 28.0cm 11-3012-28
 11-3011-30 30.0cm 11-3012-30



Mayo-Hegar
 11-3013-16 16.0cm
 11-3013-18 18.0cm
 11-3013-20 20.0cm

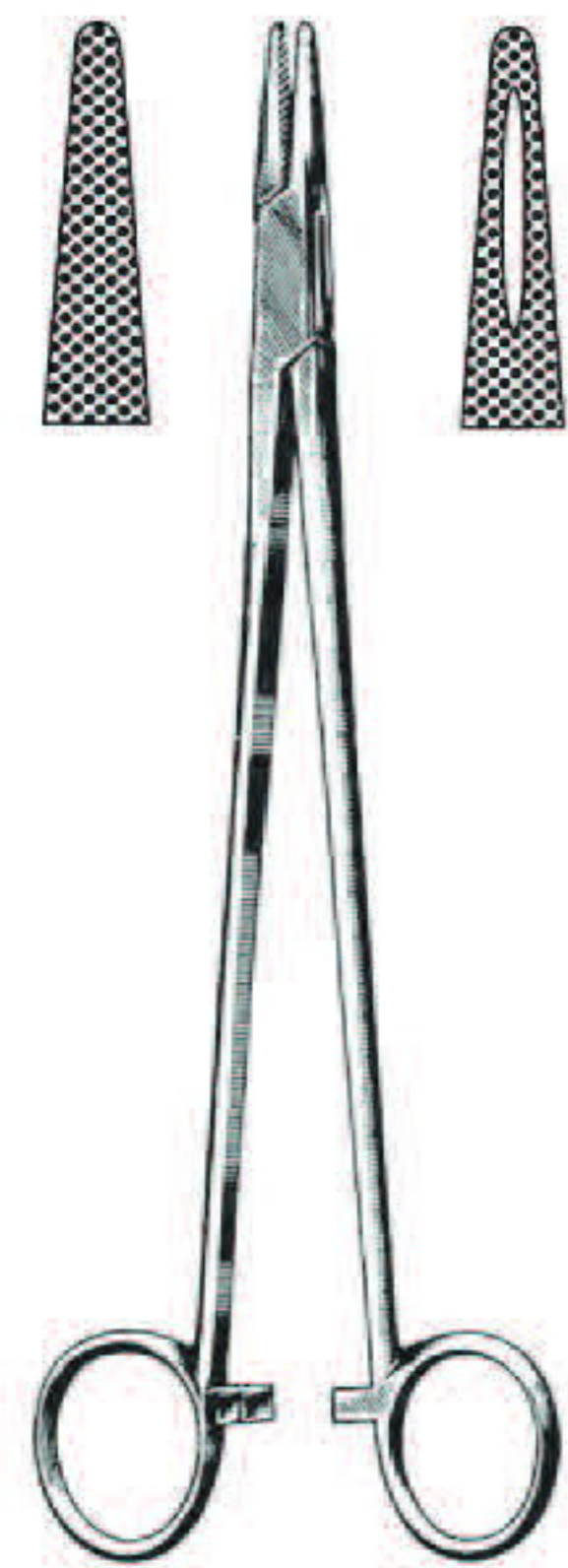
delicate pattern



Crile-Murray
 11-3014-15
 15.0cm



Crile-Wood
 11-3015-15 15.0cm
 11-3015-18 18.0cm
 11-3015-20 20.0cm



Hegar
 11-3016-20 20.0cm 11-3017-20
 11-3016-24 24.0cm 11-3017-24



Adson
 11-3018-18
 18.0cm



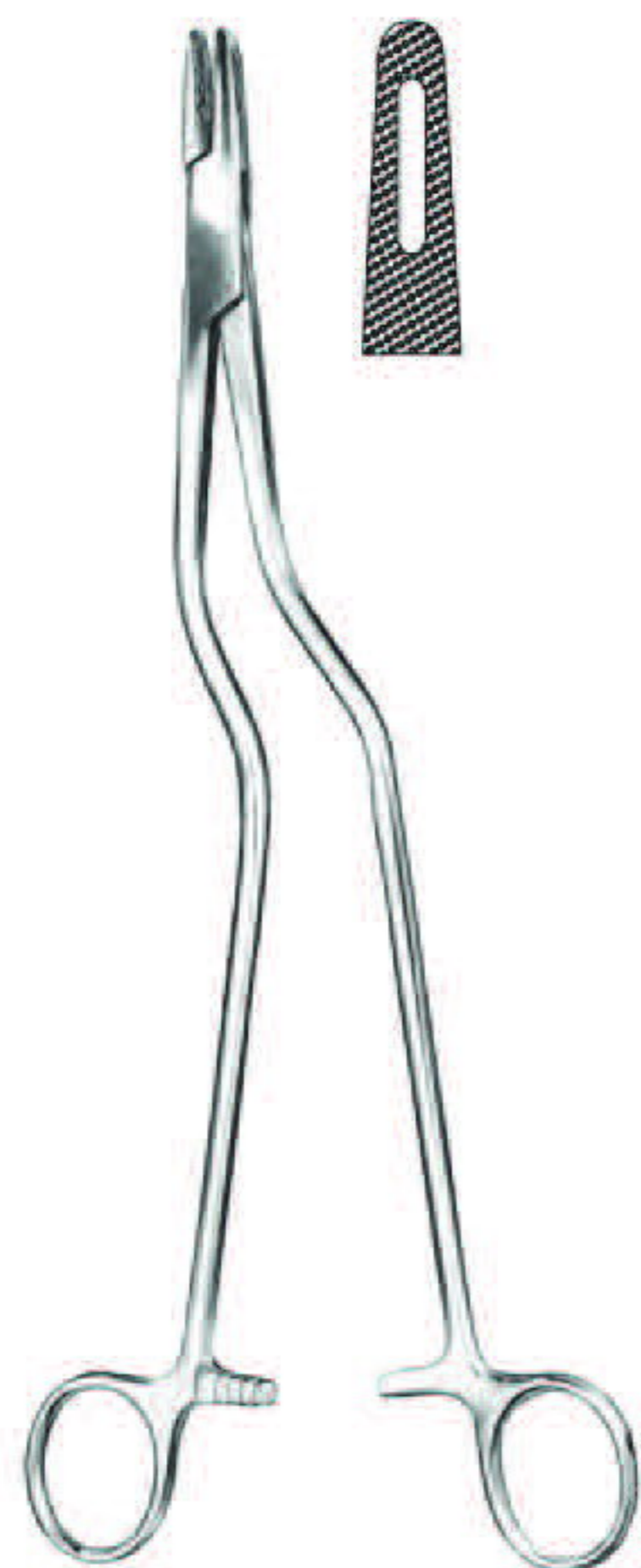
Heaney
 11-3019-21
 21.0cm



Metzenbaum
 11-3020-18
 18.0cm

EN	Needle Holders
DE	Nadelhalter
ES	Pinzas hemostáticas
FR	Porte-aiguilles
IT	Porta-ago

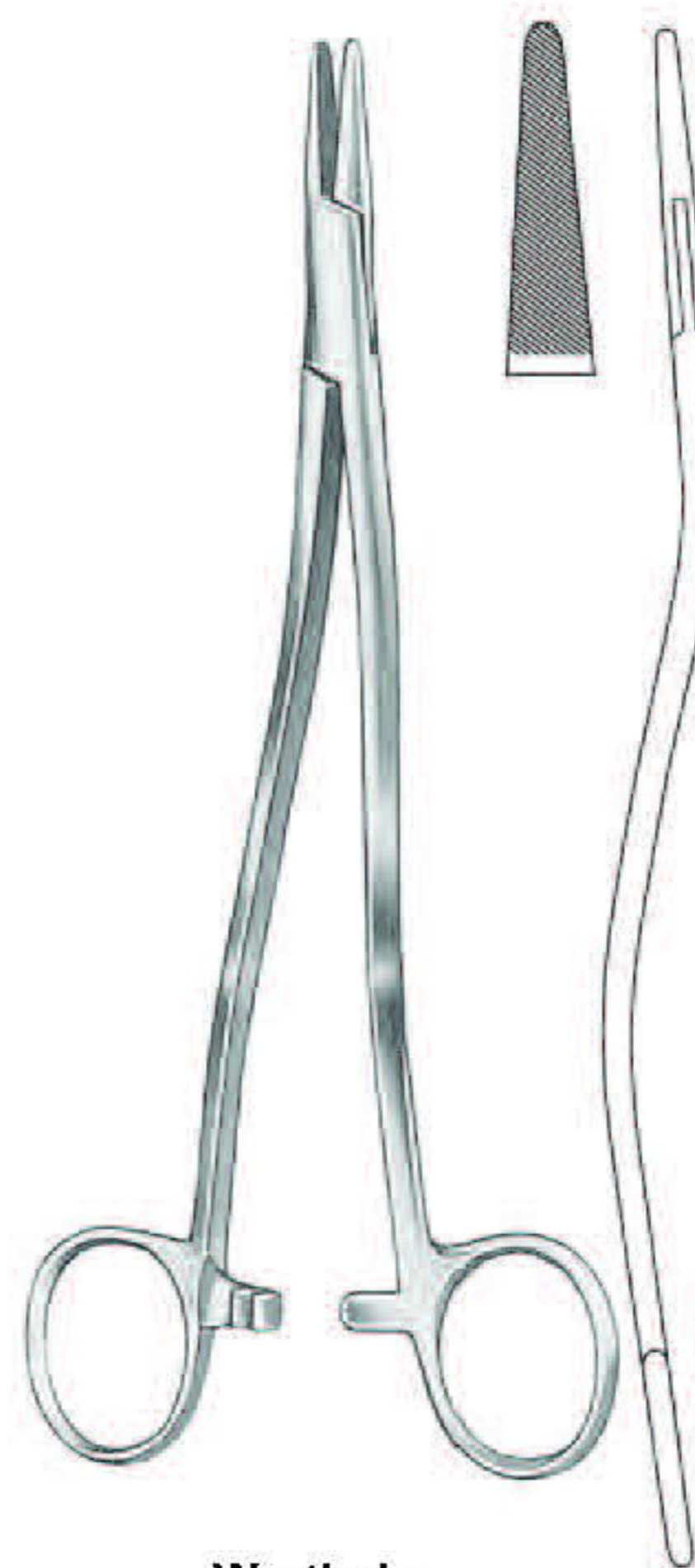
SUTURE



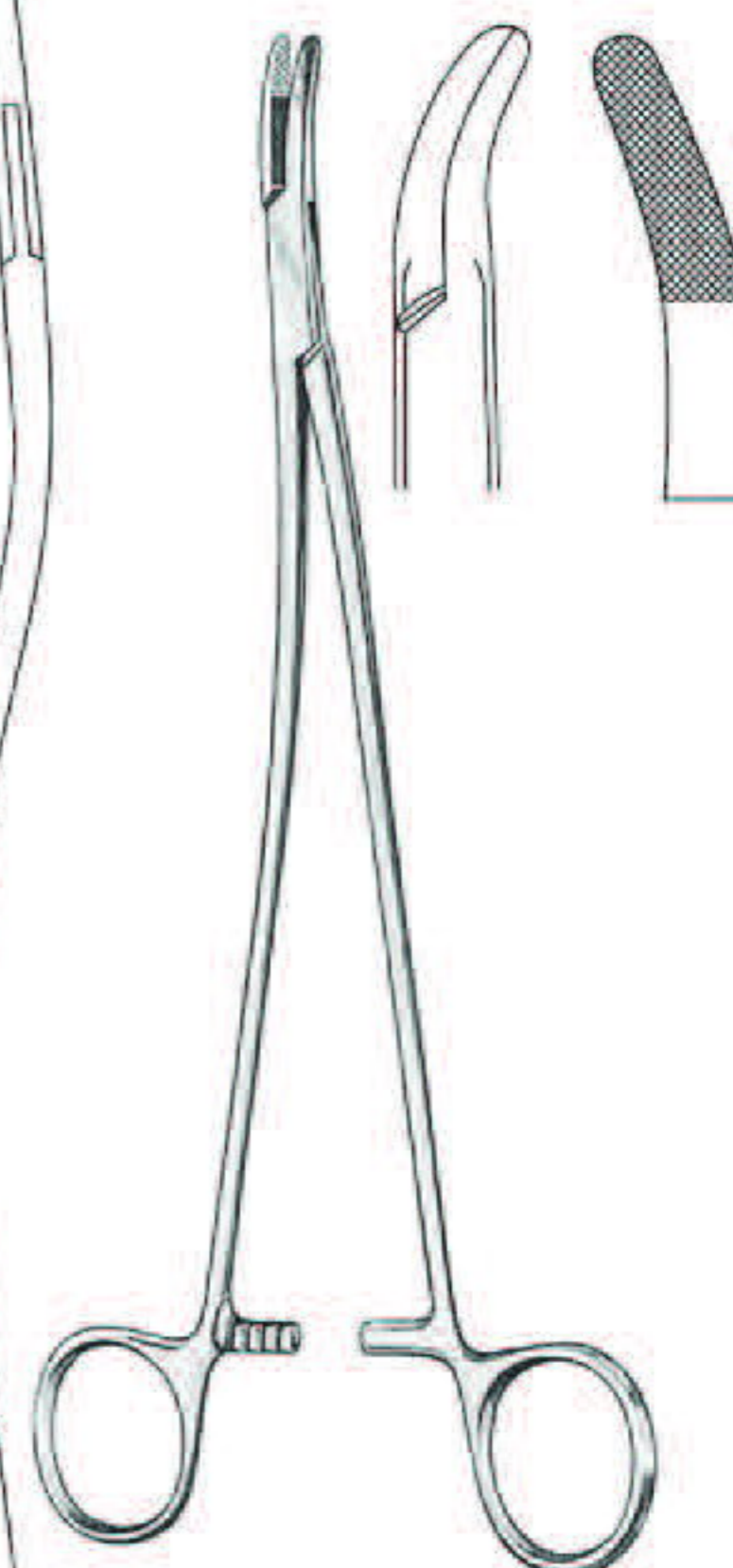
Masson-Luethy
11-3021-26
26.0cm



Sarot
11-3022-18 18.0cm
11-3022-26 26.0cm



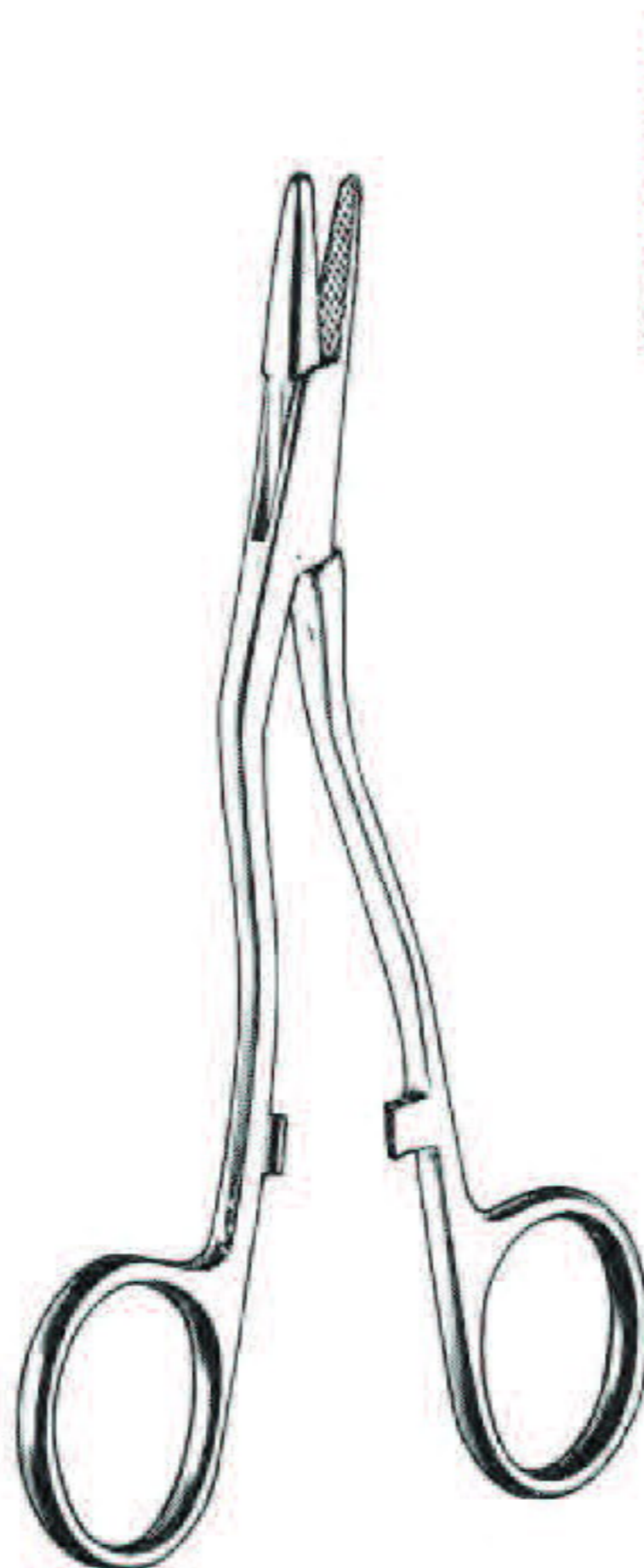
Wertheim
11-3023-20 20.0cm
11-3023-24 24.0cm



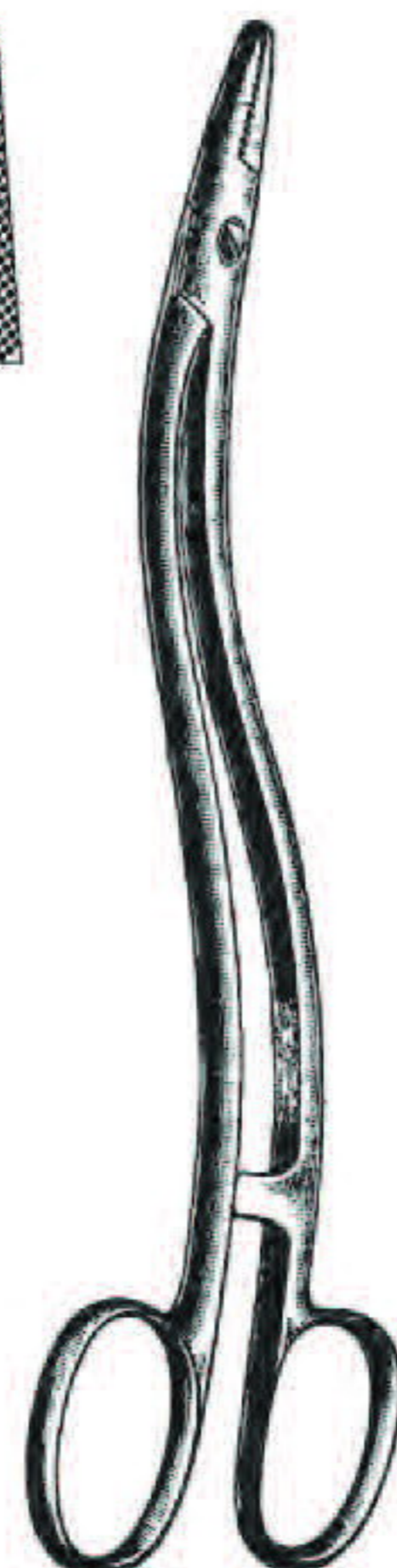
Stratte
11-3024-23
23.0cm



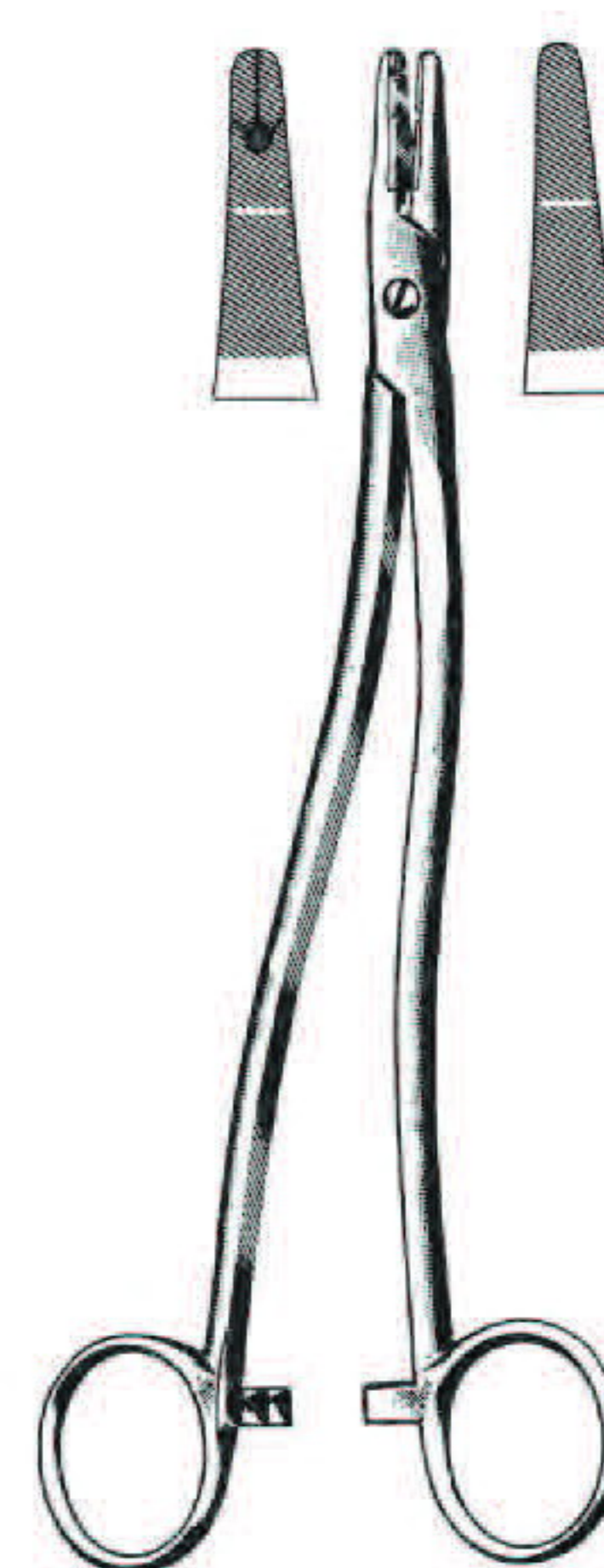
Bruce-Clarke
11-3025-12
12.5cm



Kilner
11-3026-13 13.5cm
11-3026-16 16.5cm



Thomson-Walker
11-3027-20
20.0cm



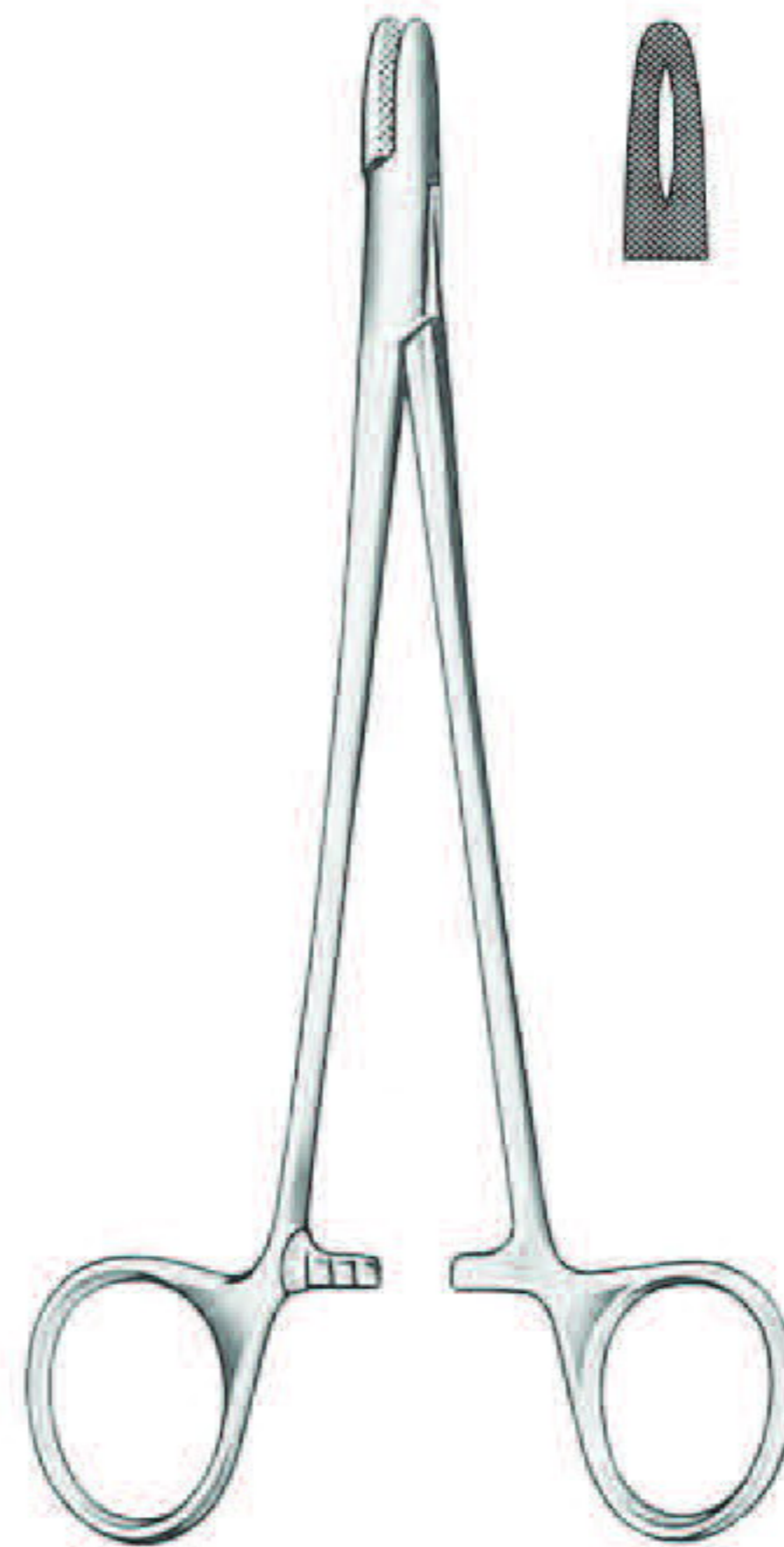
Bozemann
11-3028-20 20.0cm
11-3028-24 24.0cm



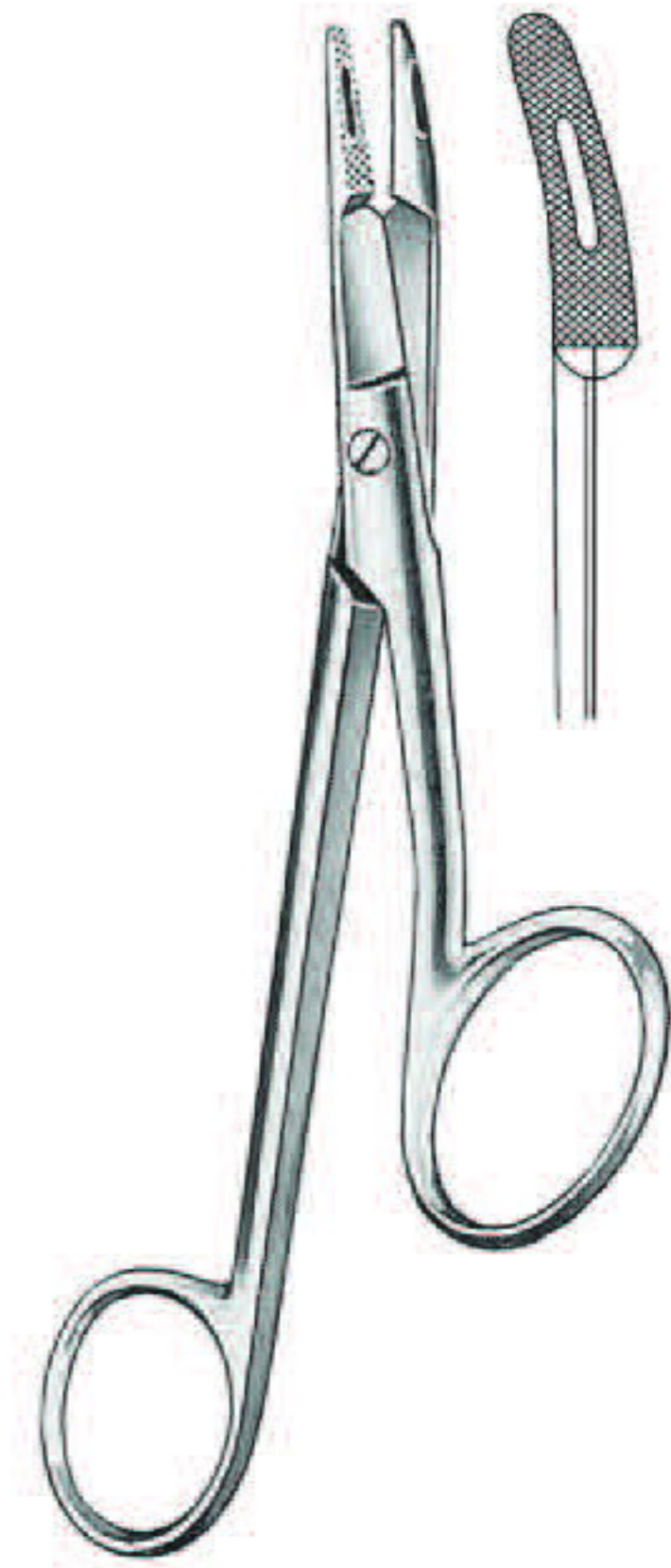
Wangensteen
 11-3033-27
 27.0cm



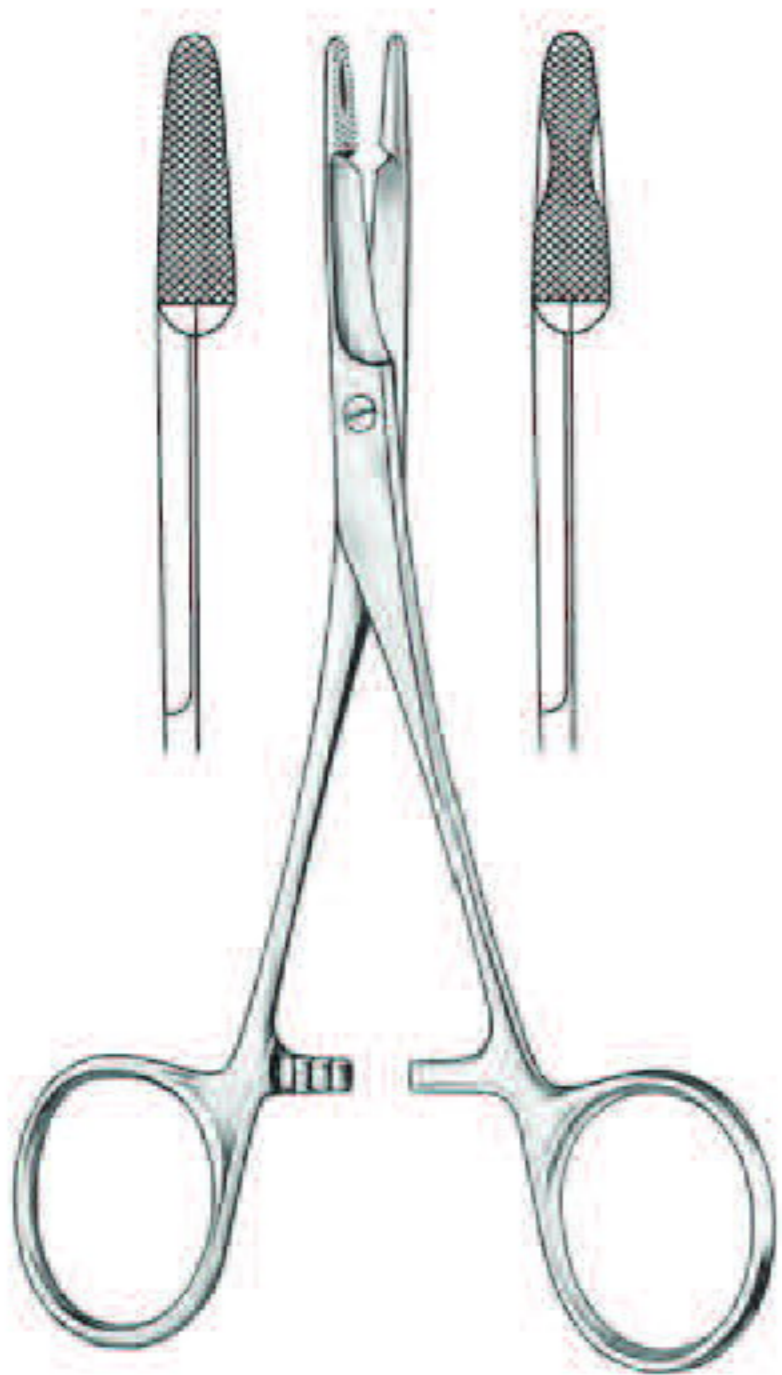
Jamison
 11-3034-23
 23.5cm



M.G.H. (mass-general-hospital)
 11-3035-17
 17.0cm



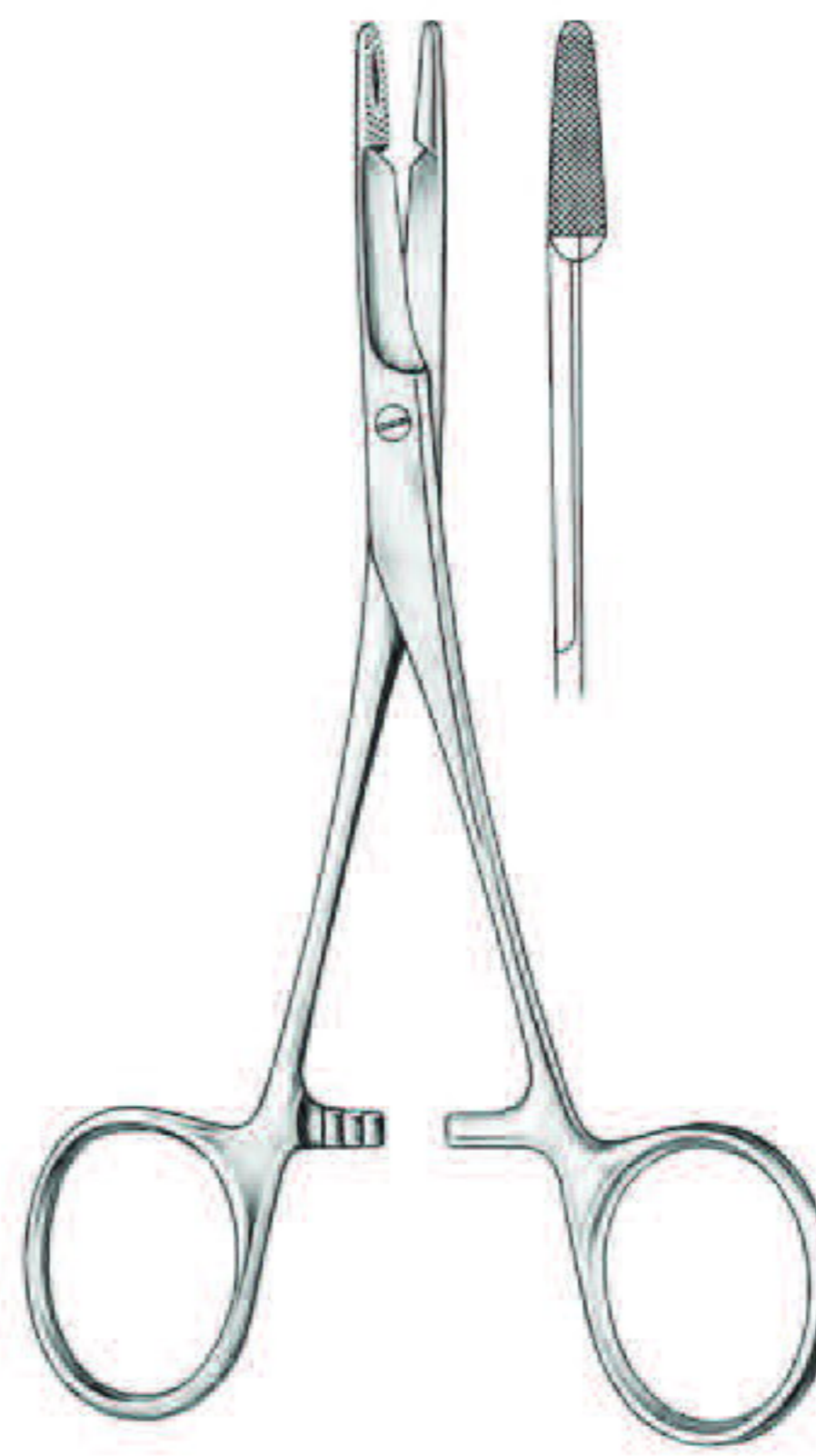
Gillies
 11-3036-16 16.0cm (right hand)
 11-3036-17 16.0cm (left hand)



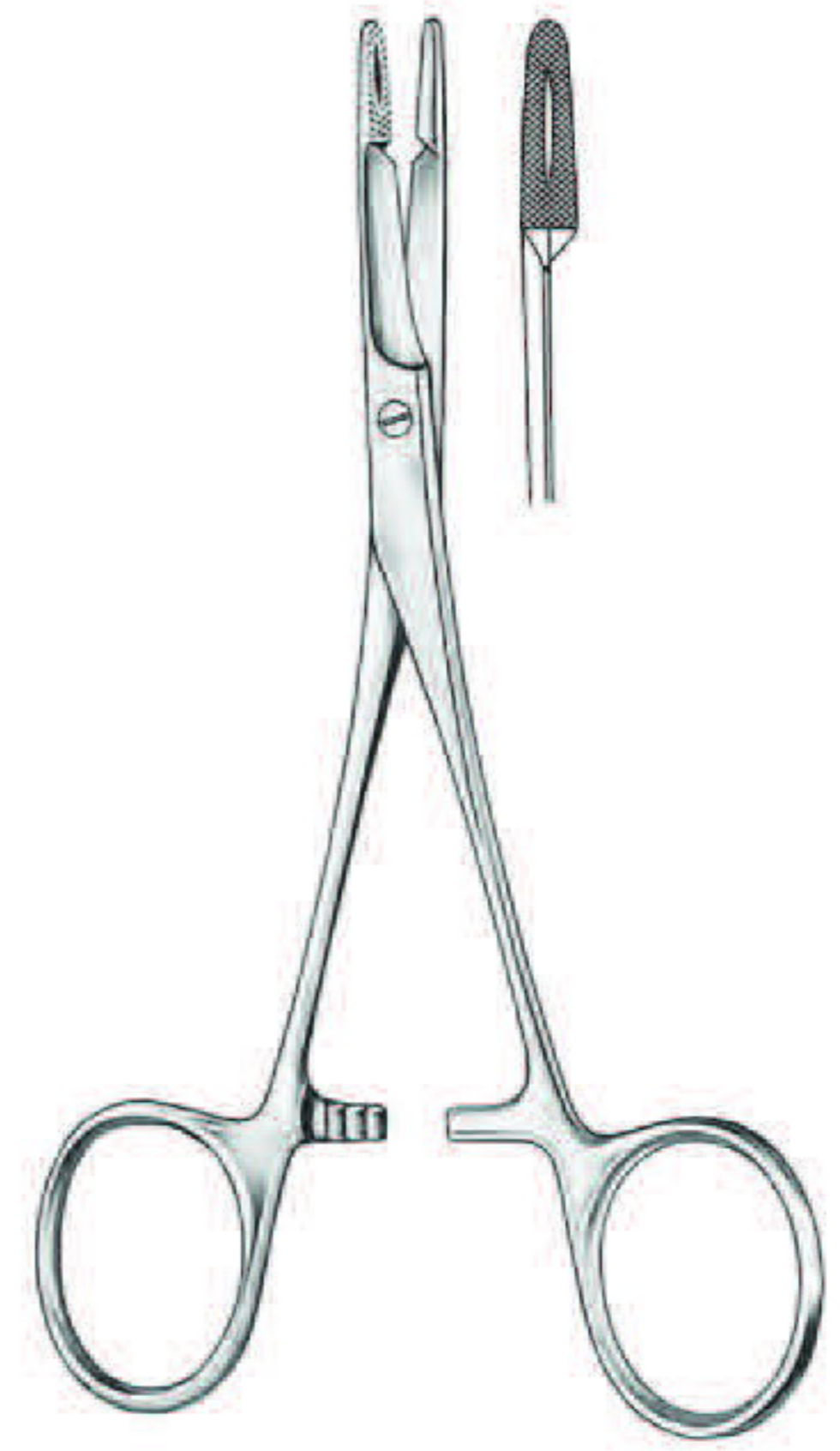
Olsen-Hegar
 11-3037-14 14.0cm 11-3038-14
 with blood groove



Olsen-Hegar
 11-3039-17
 17.0cm



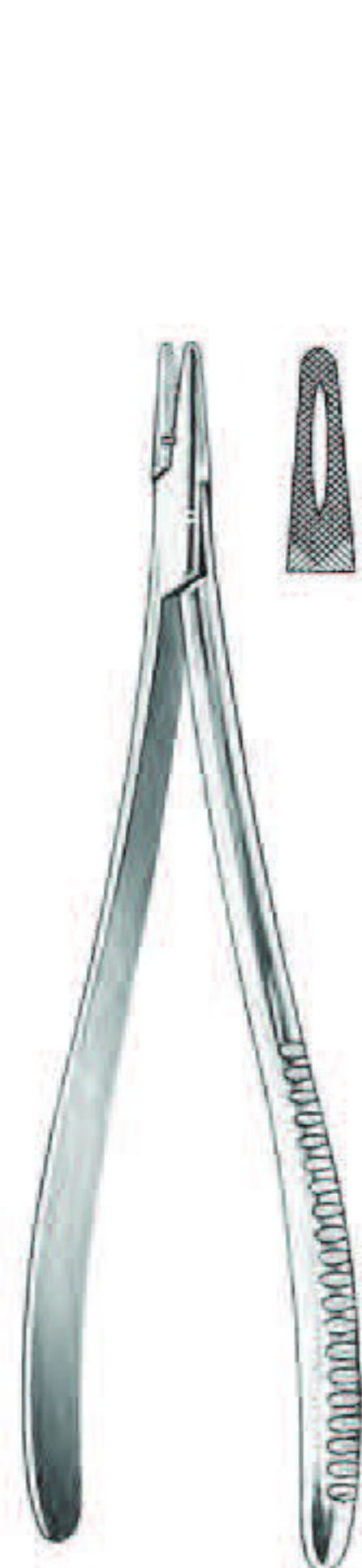
Olsen-Hegar
 11-3040-17
 17.0cm



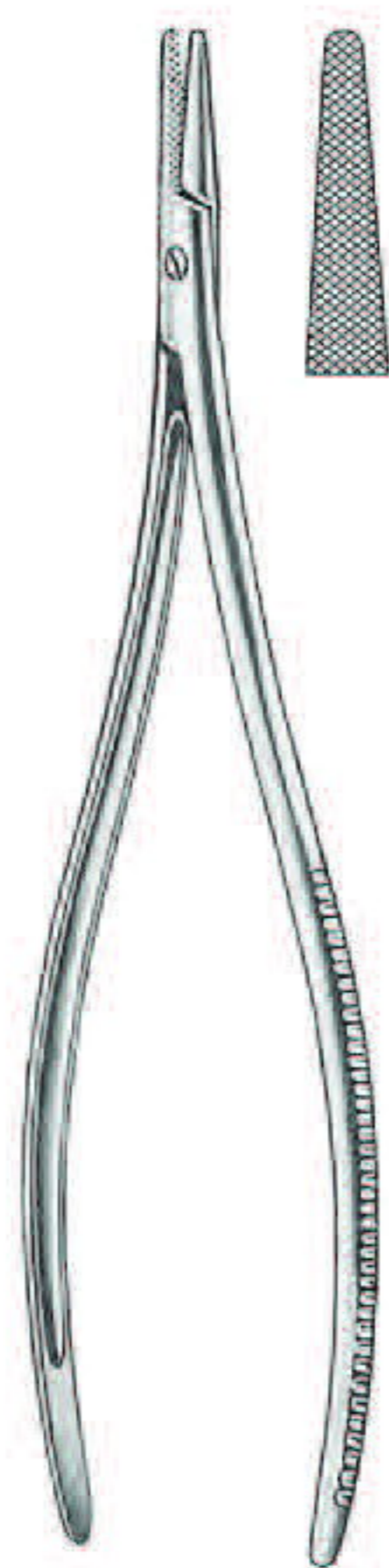
Olsen-Hegar
 11-3041-14 14.0cm
 11-3041-18 18.0cm

EN	Needle Holders
DE	Nadelhalter
ES	Porta-agujas
FR	Porte-aiguilles
IT	Porta-ago

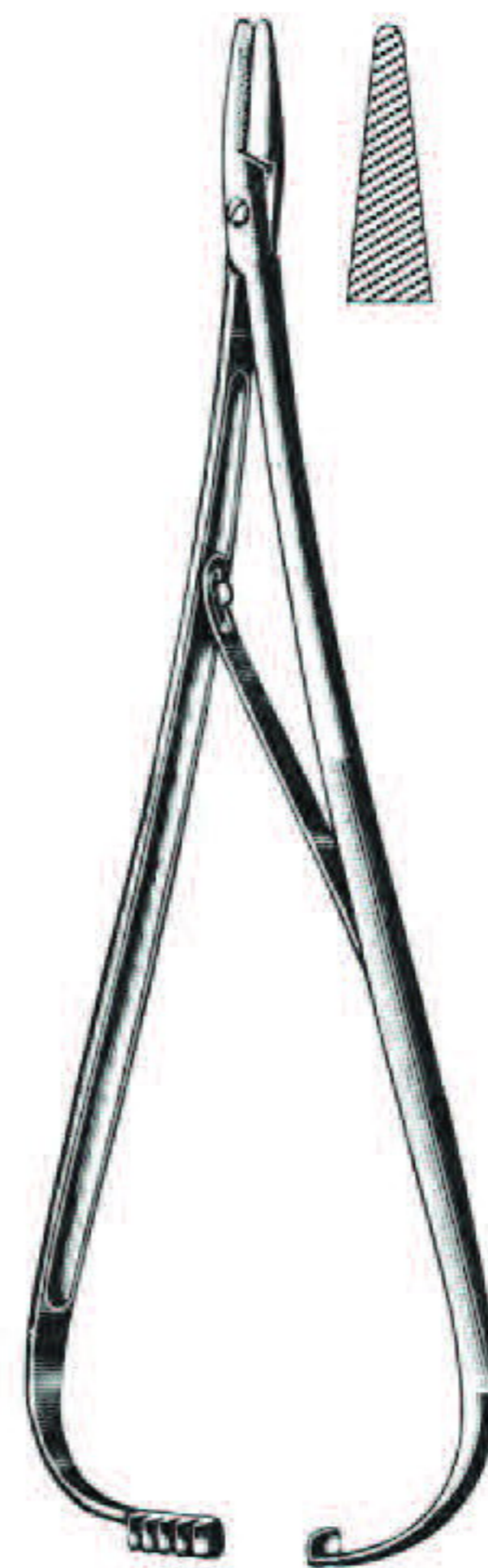
SUTURE



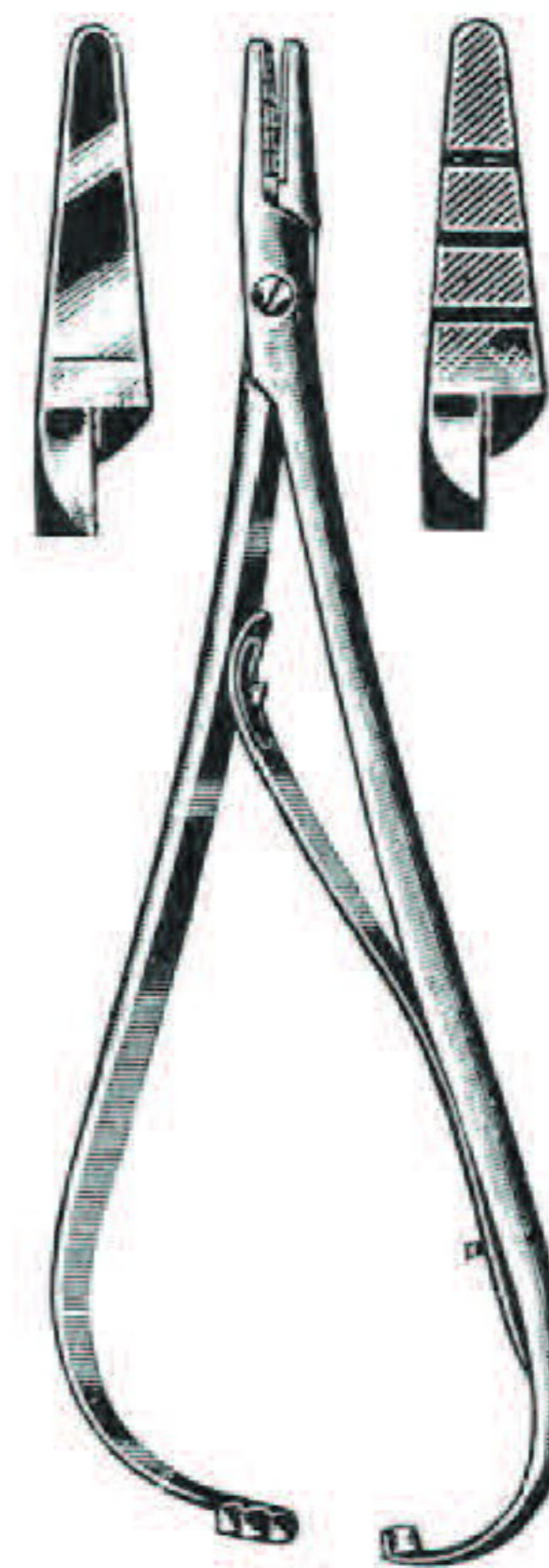
Crile
11-3042-15 15.0cm



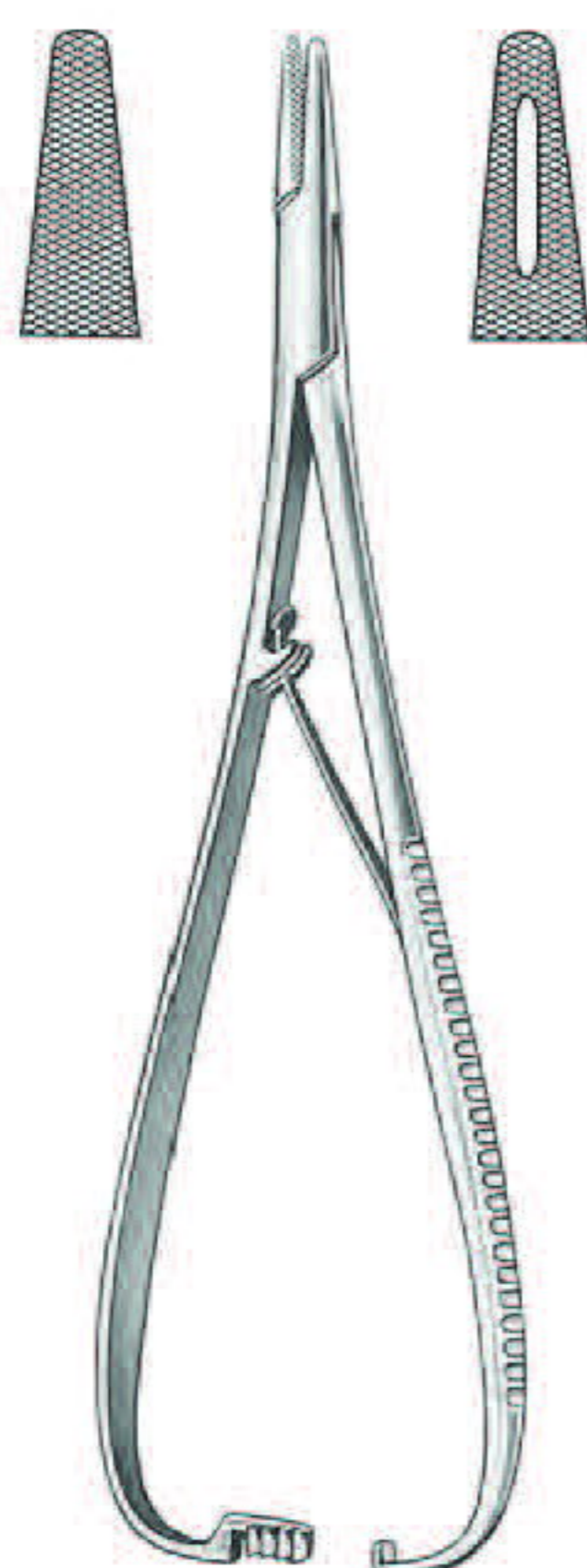
Toennis
11-3043-18 18.0cm



Lichtenberg
11-3044-20 20.0cm



Macphail
11-3045-14 14.0cm
11-3045-16 16.0cm
11-3045-18 18.0cm
11-3045-20 20.0cm



Mathieu
11-3046-14 14.0cm 11-3047-14
11-3046-17 17.0cm 11-3047-17
11-3046-20 20.0cm 11-3047-20
11-3046-24 24.0cm 11-3047-24



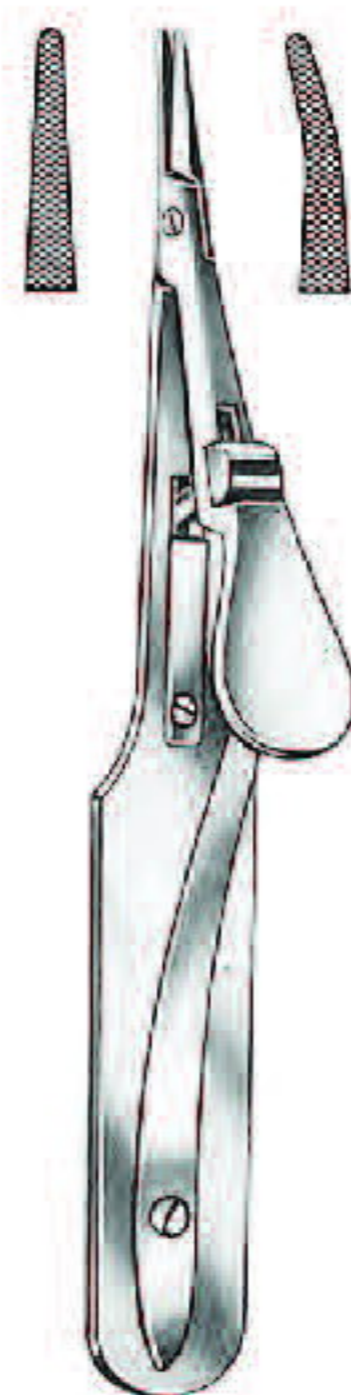
Delicate
11-3048-14 14.0cm
11-3048-17 17.0cm



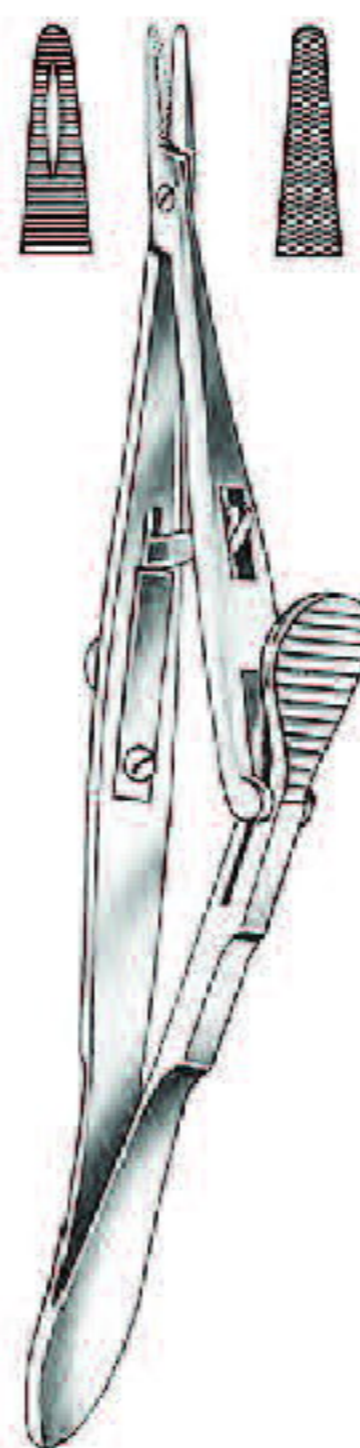
Mathieu
11-3049-17 17.0cm
11-3049-20 20.0cm



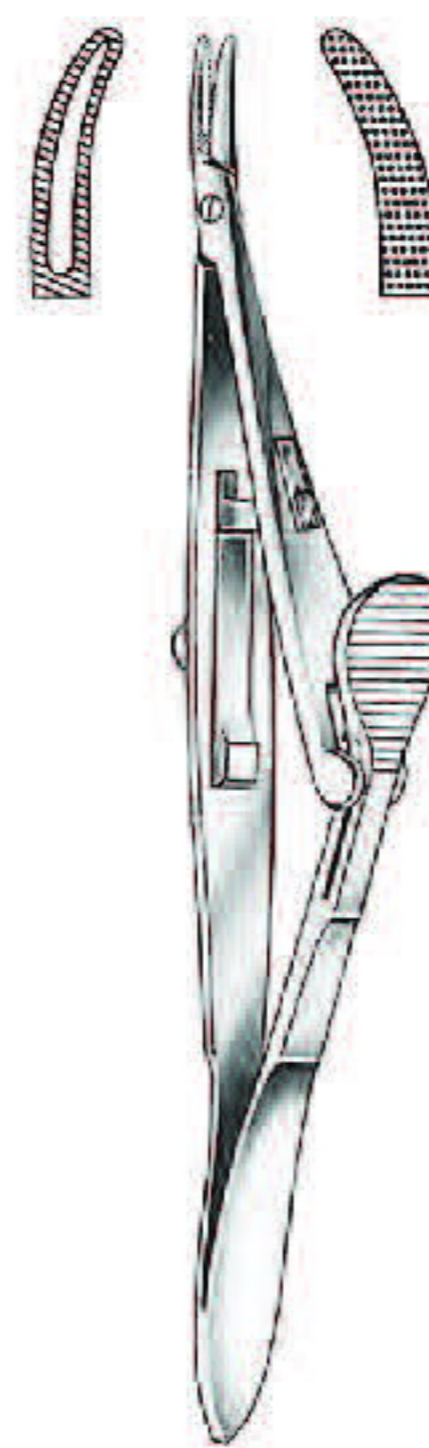
BARRAQUER
11-3050-16
16.0cm



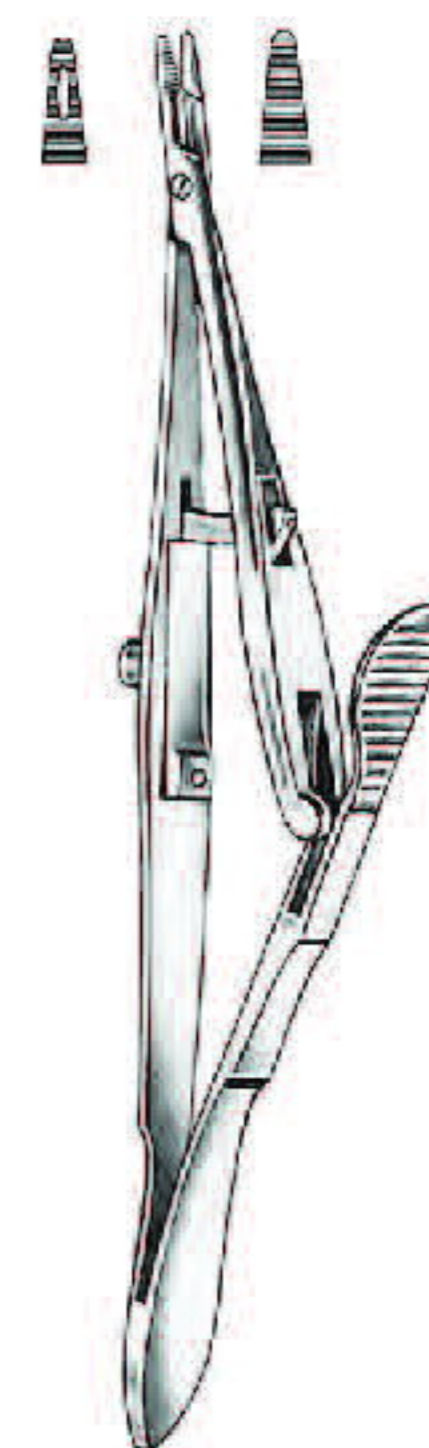
ARRUGA
11-3051-14 14.0cm
11-3052-14 14.0cm



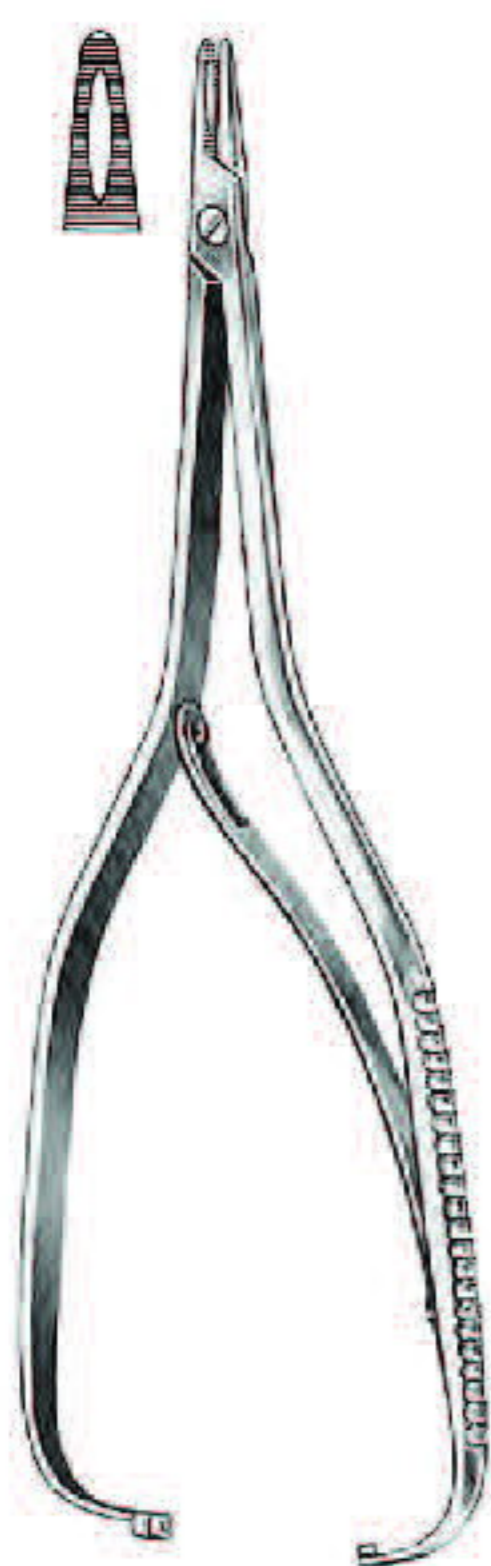
KALT
11-3053-14
14.0cm



KALT-ARRUGA
11-3054-14
14.0cm



CASTROVIEJO-KALT
11-3055-13
13.5cm



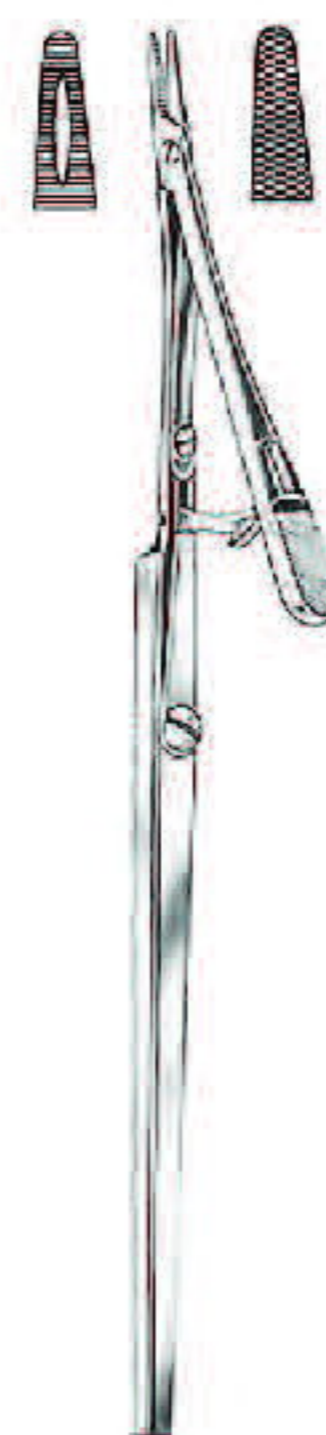
BOYNTON
11-3056-12
12.0cm



ARRUGA
11-3057-16 16.0cm
11-3058-16 16.0cm



STEVENSON
11-3059-11
11.0cm



STEVENS
11-3060-13 13.0cm
11-3060-15 15.0cm



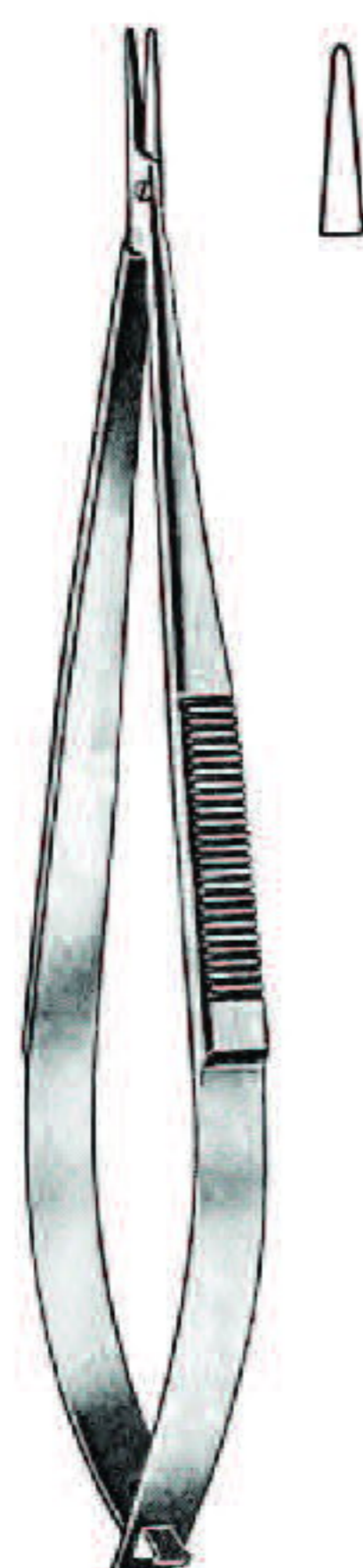
WECKER
11-3061-15
15.0cm



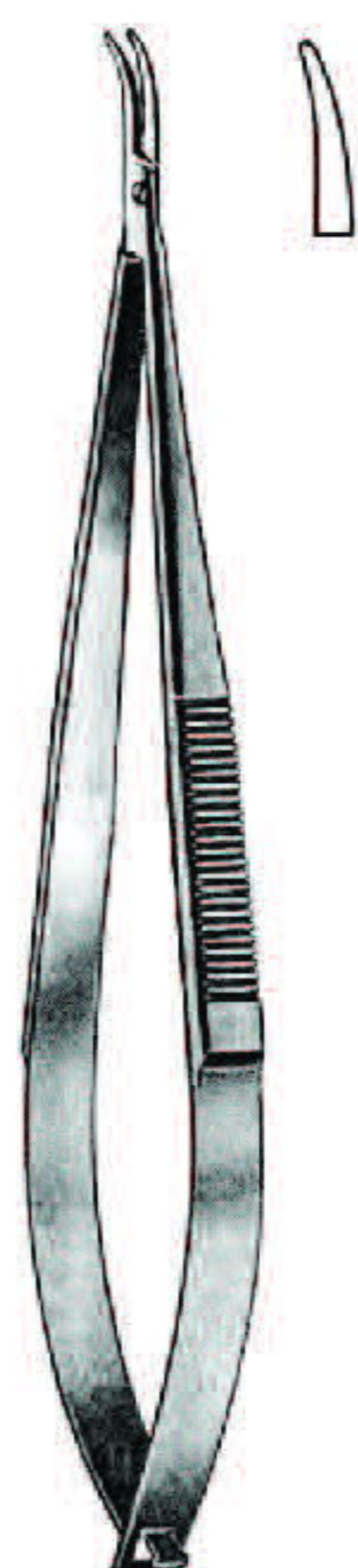
BARRAQUER
11-3062-14
14.0cm

EN	Micro Needle Holders
DE	Mikro Nadelhalter
ES	Micro-porta-agujas
FR	Porte-aiguilles micro
IT	Porta microaghi

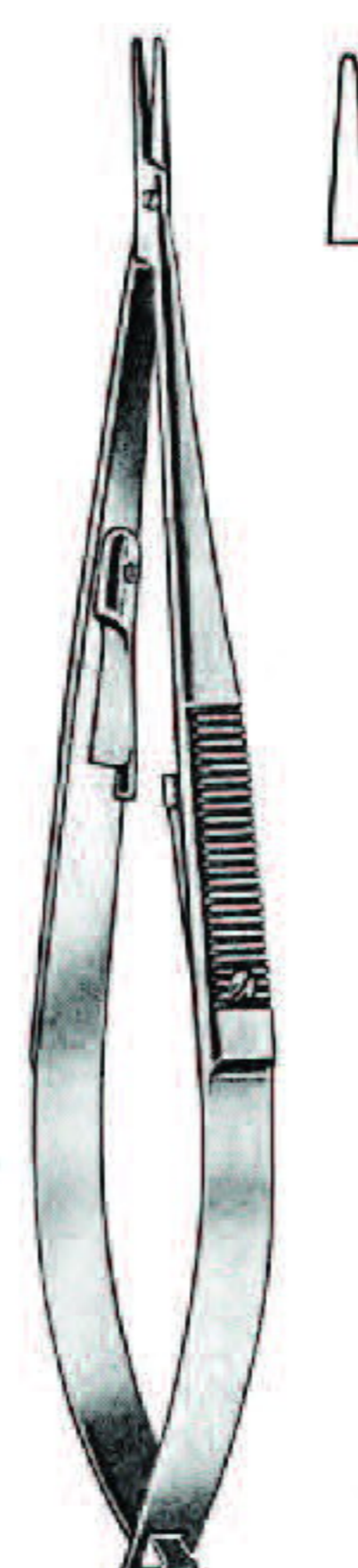
SUTURE



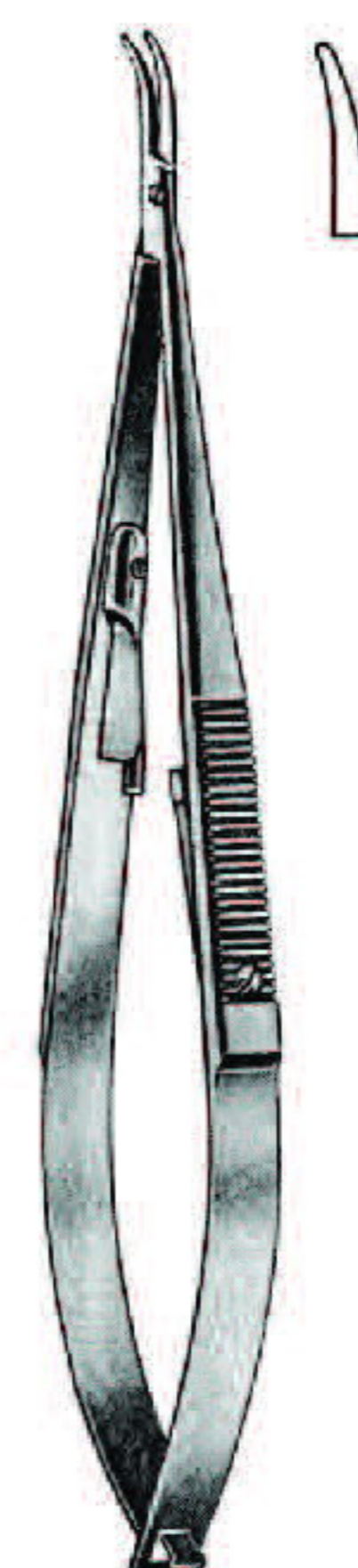
CASTROVIEJO
11-3077-14 14.0cm
11-3077-17 17.0cm



CASTROVIEJO
11-3078-14 14.0cm
11-3078-17 17.0cm



CASTROVIEJO
11-3079-14 14.0cm
11-3079-17 17.0cm



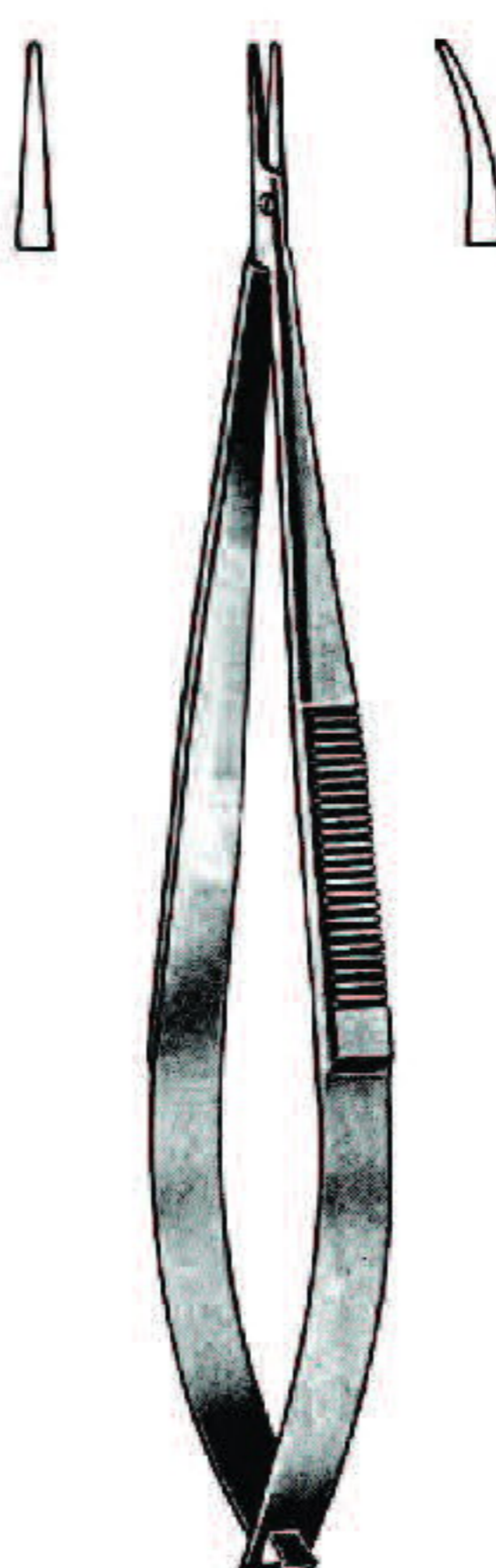
CASTROVIEJO
11-3080-14 14.0cm
11-3080-17 17.0cm



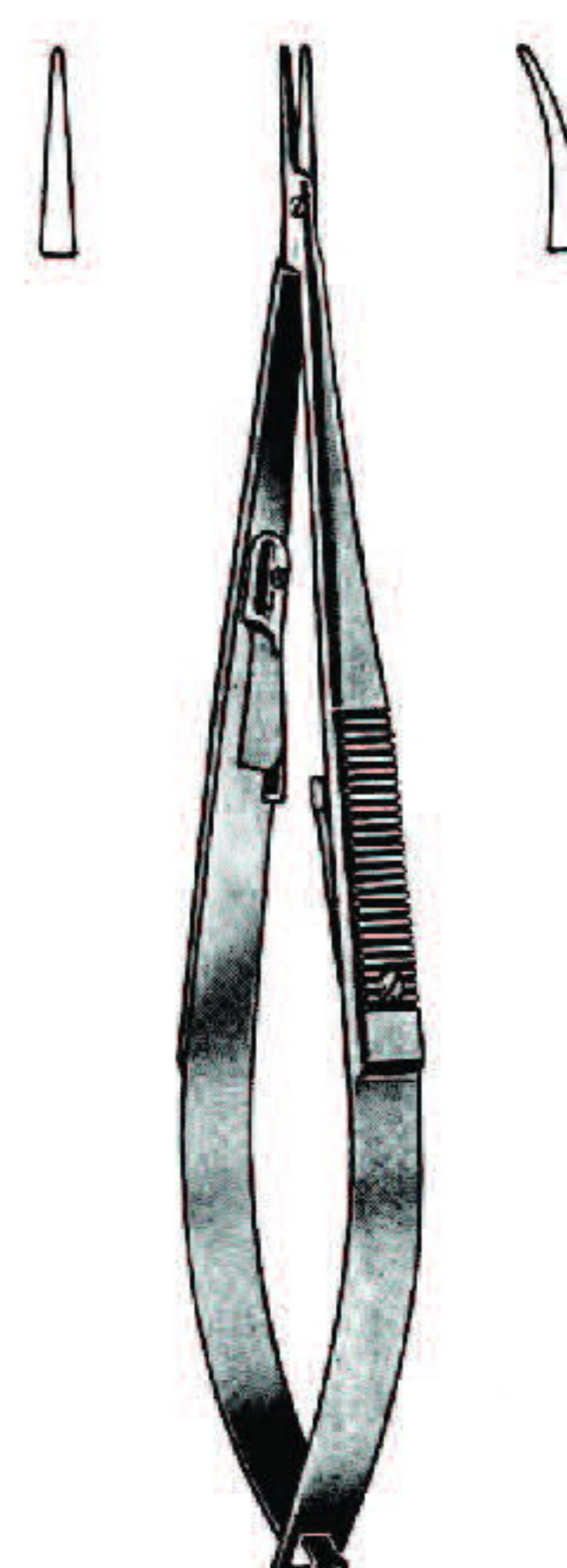
JACOBSON
11-3081-18 18.5cm
11-3081-21 21.0cm



JACOBSON
11-3082-18 18.5cm
11-3082-21 21.0cm



CASTROVIEJO
11-3083-01 10.0cm
11-3083-02 10.0cm



CASTROVIEJO
11-3084-01 10.0cm
11-3084-02 10.0cm



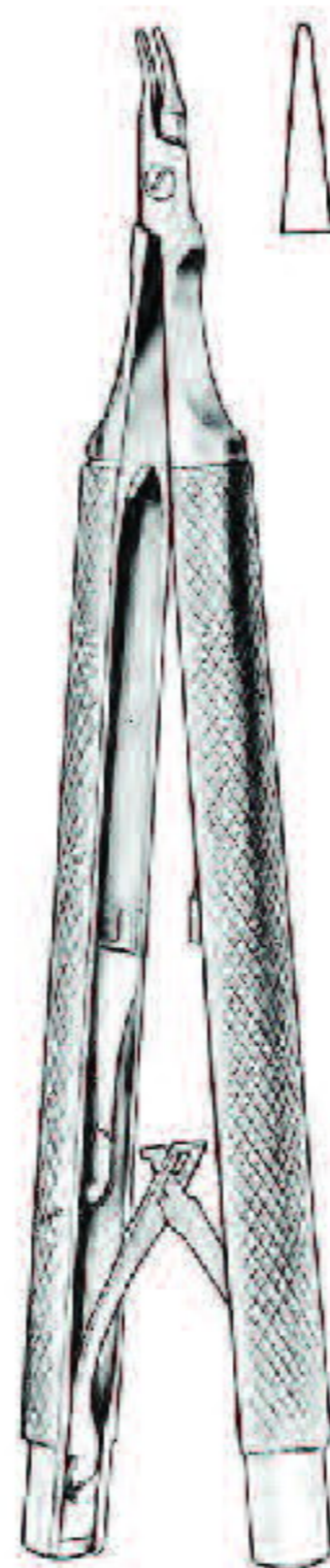
11-3085-16
16.0cm



11-3086-01 23.0cm Fig.1
 11-3086-02 23.0cm Fig.2
 11-3086-03 19.0cm Fig.3



CASTROVIEJO-BARRAQUER
 11-3087-12
 12.0cm



CASTROVIEJO
 11-3088-13
 13.0cm



CASTROVIEJO
 11-3089-12
 12.0cm

EN	Reverdin Needles
DE	Reverdin-Nedeln
ES	Agujas de reverdin
FR	Aiguilles de Reverdin
IT	Reverdin Needles

SUTURE



REVERDIN
14.0cm

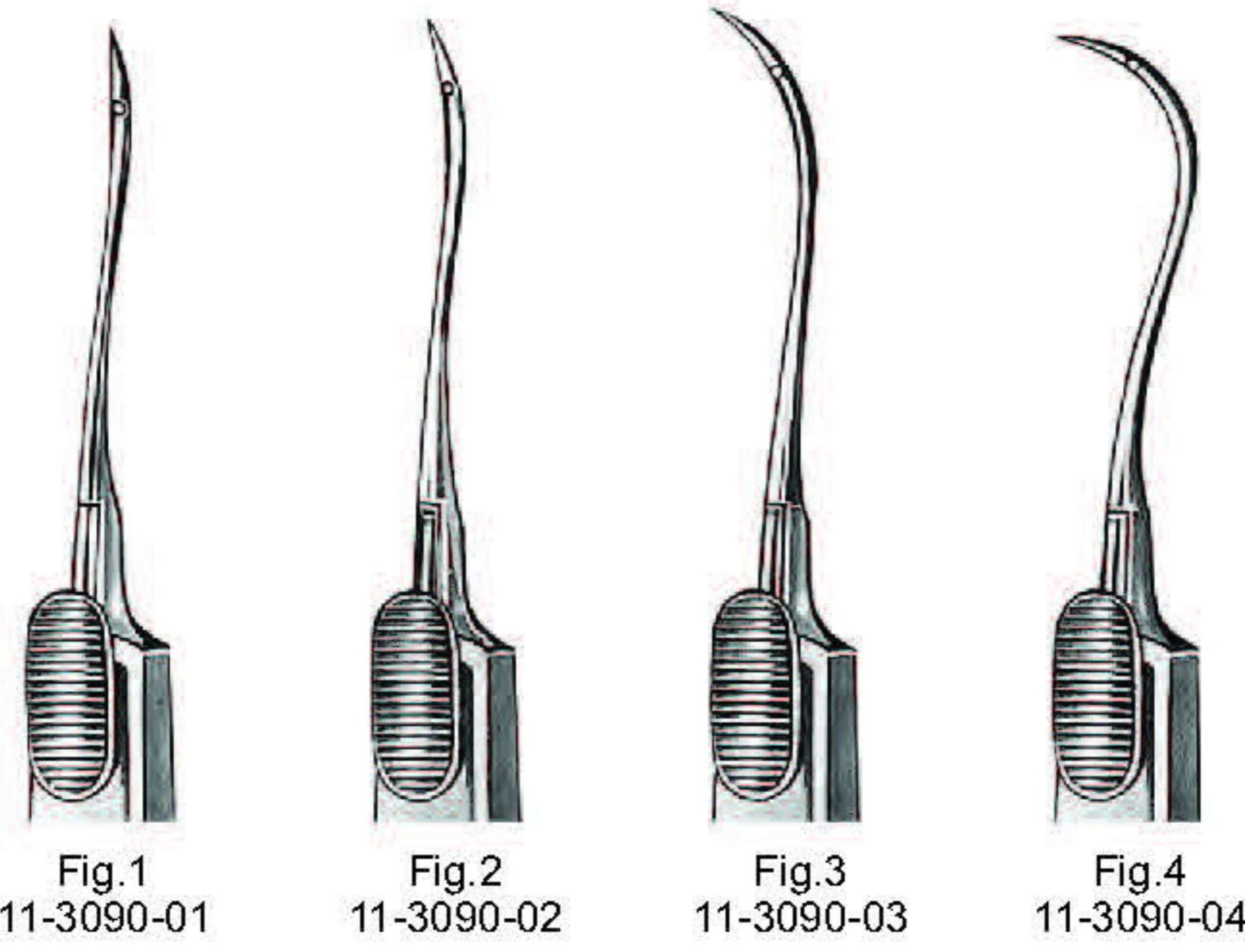
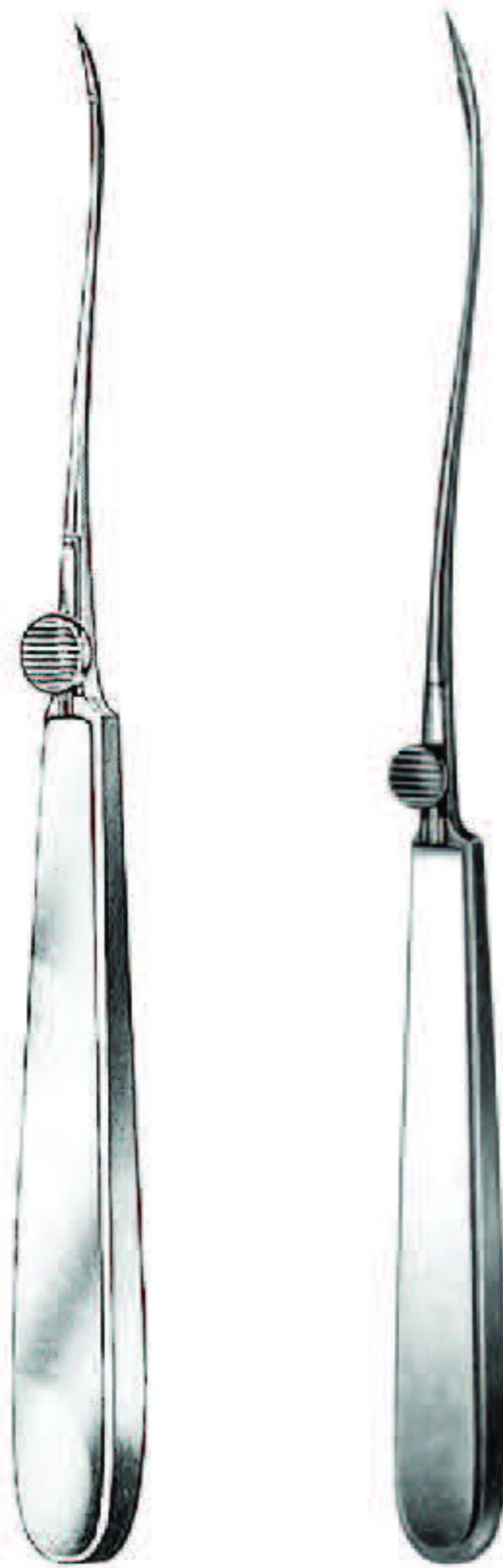


Fig.1 11-3090-01 Fig.2 11-3090-02 Fig.3 11-3090-03 Fig.4 11-3090-04



REVERDIN 19.0cm
21.0cm **REVERDIN** 23.0cm



Fig.1 11-3091-01 Fig.2 11-3091-02 Fig.3 11-3091-03 Fig.4 11-3091-04
11-3092-01 11-3092-02 11-3092-03 11-3092-04
11-3093-01 11-3093-02 11-3093-03 11-3093-04



11-3094-20 20.0cm
11-3095-20 20.0cm



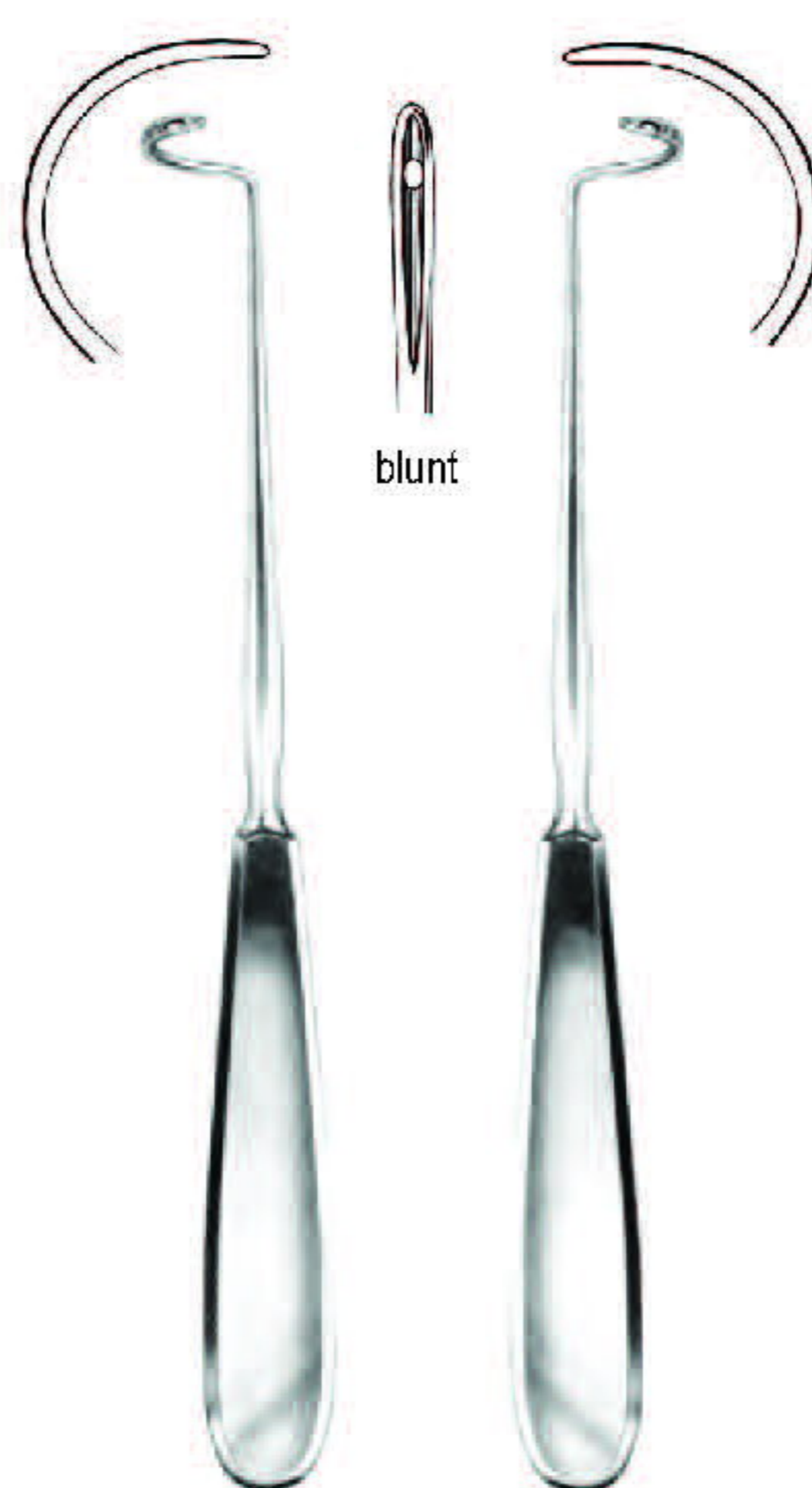
11-3096-20 20.0cm
11-3097-20 20.0cm



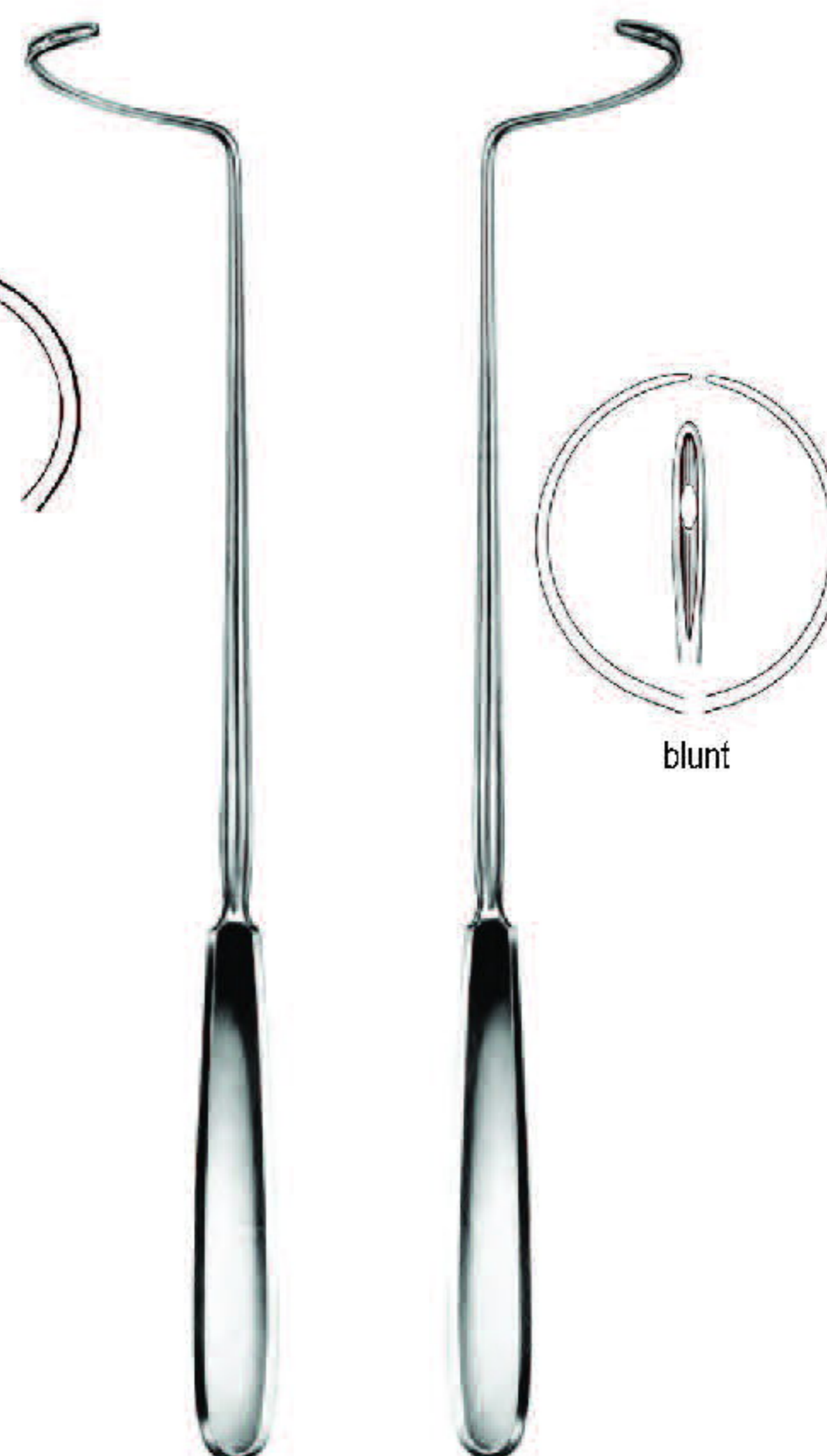
11-3098-20 20.0cm
11-3099-20 20.0cm



DESCHAMPS
11-3100-21 21.0cm
11-3101-21 21.0cm



DESCHAMPS
11-3102-21 21.0cm
11-3103-21 21.0cm



DESCHAMPS
11-3104-28 28.0cm
11-3105-28 28.0cm

EN Suture Instruments

DE Nahlinstrumente

ES Instrumental para suturas

FR Suture Instruments

IT Strumenti di sutura



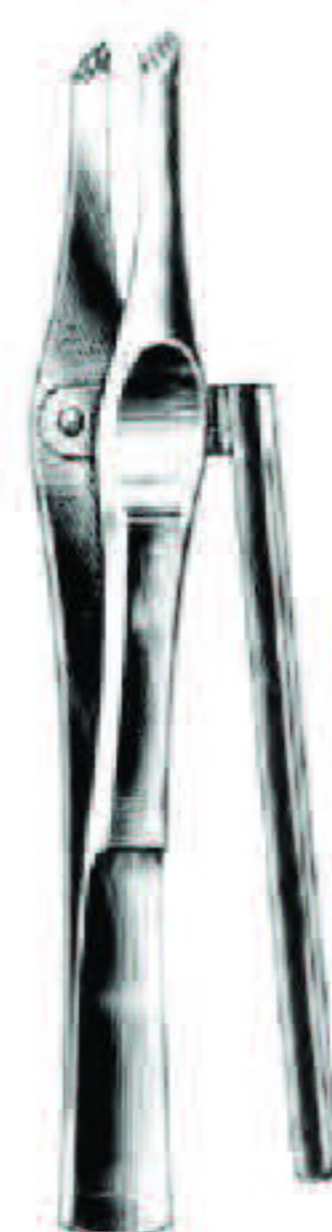
MICHEL
11-3118-12
12.0cm



MICHEL
11-3119-12
12.0cm



WACHENFELDT
11-3120-12
12.5cm



WACHENFELDT
11-3121-12
12.0cm



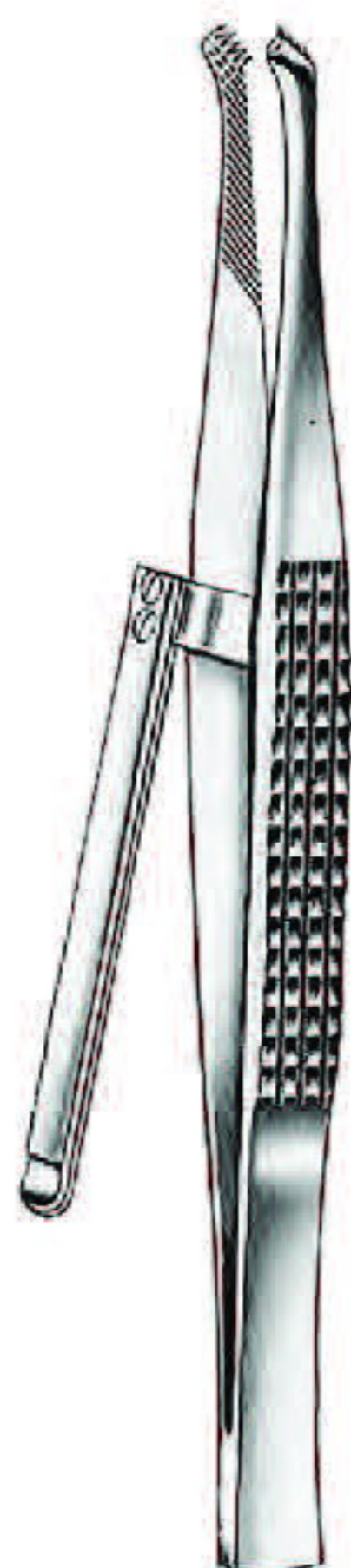
WACHENFELDT
11-3122-12
12.5cm



HEGENBARTH
11-3123-12
12.5cm



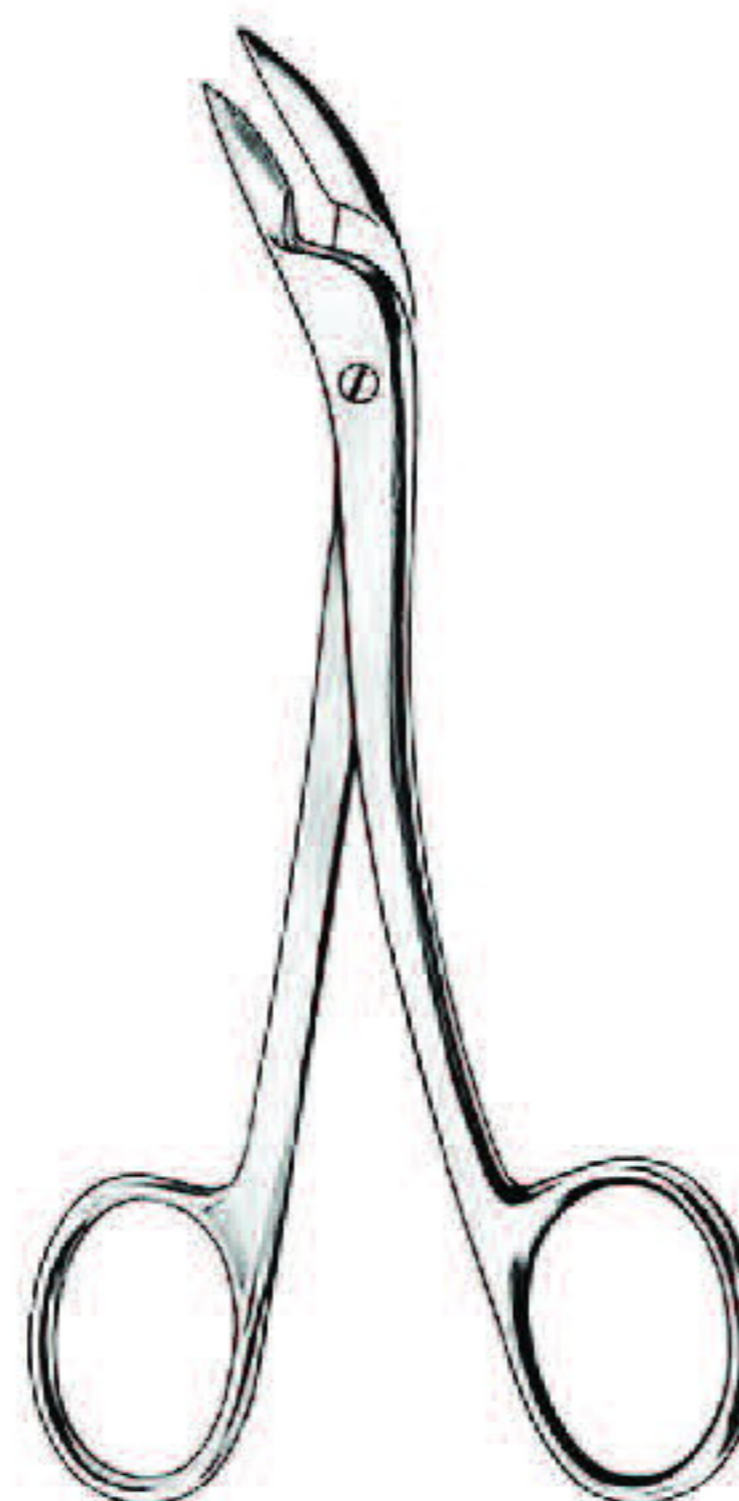
CHILDE
11-3124-18
18.0cm



CHILDE
11-3125-18
18.0cm



MICHEL
11-3126-12
12.5cm



RICHTER- HEATH
11-3127-14
14.0cm



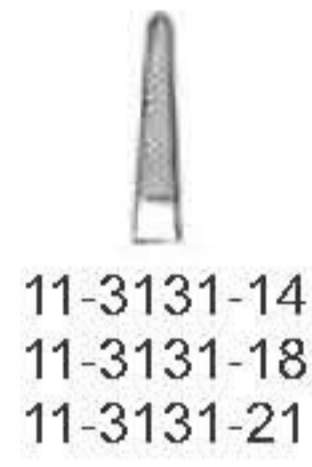
COLLIN
11-3128-13
13.0cm

TC GOLD



Castroviejo

14cm/5½"
 18cm/7"
 21cm/8¼"



11-3131-14
 11-3131-18
 11-3131-21

Smooth



11-3132-14
 11-3132-18
 11-3132-21



11-3133-14
 11-3133-18
 11-3133-21



11-3134-14
 11-3134-18
 11-3134-21



Kalt
 14cm/5½"



11-3135-14



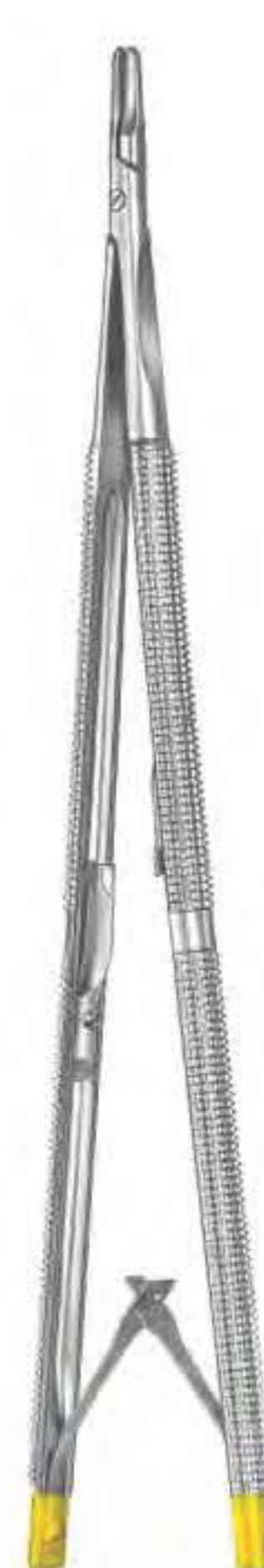
11-3136-14



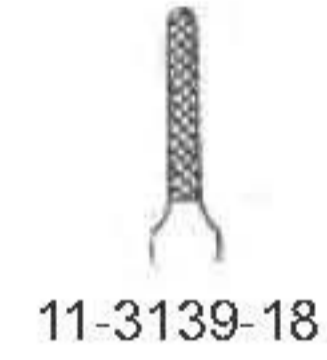
Barraquer
 11-3137-14
 14cm/5½"



Castroviejo
 11-3138-13
 13cm/5"



Hepp-Schiedel
 18cm/7"



11-3139-18



11-3140-18

Smooth

SUTURE

EN	Needle Holders
DE	Nadelhalter
ES	Porta-agujas
FR	Porte-aiguilles
IT	Porta-ago

SUTURE

TC GOLD

Two rings angled



Neivert
11-3146-13
13 cm/5"



Neivert
11-3147-13
13 cm/5"



Webster
11-3148-13
13 cm/5"

Smooth



Derf
11-3149-12
12.5 cm/5"



New Orleans
11-3150-18
18 cm/7"



Bozemann
11-3151-20 20 cm/8"
11-3151-24 24 cm/9 1/2"
11-3151-26 26 cm/10 1/2"

TC GOLD



Mayo-Hegar

- 11-3152-16
- 11-3152-18
- 11-3152-20
- 11-3152-24
- 11-3152-26
- 11-3152-30



- 11-3153-20
- 11-3153-24
- 11-3153-26

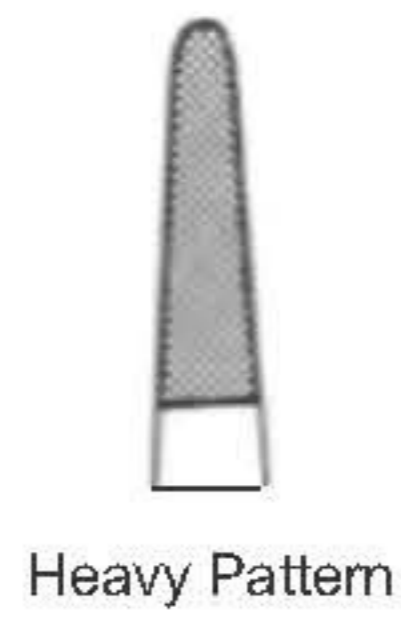
- 16cm/6¼"
- 18cm/7"
- 20cm/8"
- 24cm/9½"
- 26cm/10½"
- 30cm/12"



Hegar-Baumgartner
 11-3154-14
 14cm/5½"



Mayo-Hegar
 11-3155-20 20cm/8"
 11-3155-24 24cm/9½"



De Bakey
 11-3156-18 18cm/7"
 11-3156-20 20cm/8"
 11-3156-23 23cm/9"
 11-3156-26 26cm/10¼"
 11-3156-31 31cm/12¼"



De Bakey-Fine
 11-3157-18 18cm/7"
 11-3157-20 20cm/8"
 11-3157-23 23cm/9"
 11-3157-26 26cm/10¼"
 11-3157-31 31cm/12¼"

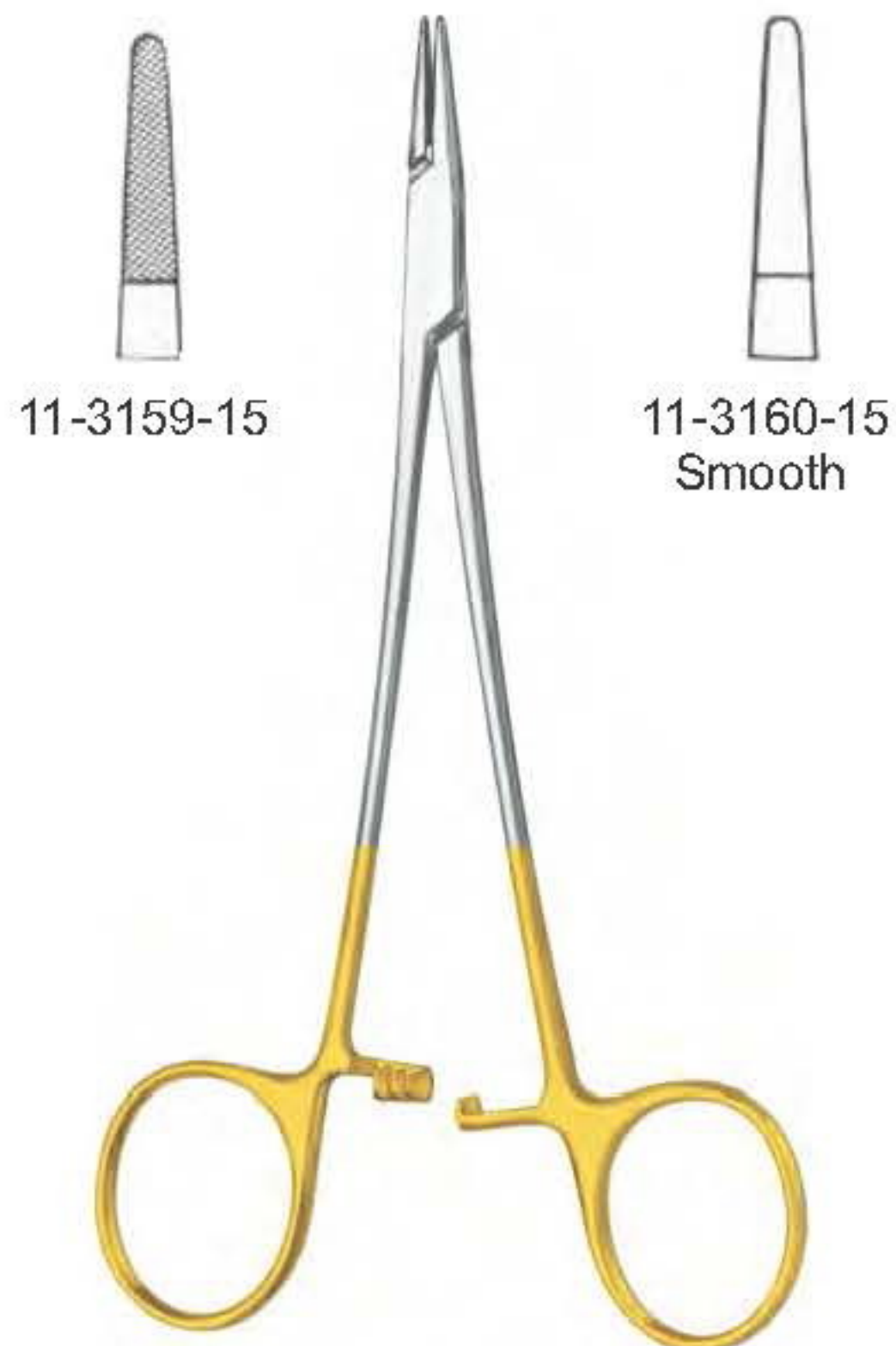


EN	Needle Holders
DE	Nadelhalter
ES	Porta-agujas
FR	Porte-aiguilles
IT	Porta-aghi

TC GOLD



Baby-Crile-Wood
11-3158-15
15cm/6"



Crile-Wood
15cm/6"



Crile-Wood

	cm	in
11-3161-18	18	7"
11-3161-20	20	8"
11-3161-23	23	9"
11-3161-26	26	10 1/4"
11-3161-31	31	12 1/4"



Halsey
13cm/5"



Converse
11-3164-12
12.5cm/5"



Kilner
11-3165-13
13.5cm/5 1/4"

TC GOLD



Hegar-Vascular
11-3166-14 14cm/5½"
11-3166-18 18cm/7"
11-3166-20 20cm/8"
11-3166-23 23cm/9"



Ryder
11-3167-13
11-3167-15
11-3167-18
11-3167-20
11-3167-23
11-3167-26



Micro-Ryder
11-3168-13 13cm/5"
11-3168-15 15cm/6"
11-3168-18 18cm/7"
11-3168-20 20cm/8"
11-3168-23 23cm/9"
11-3168-26 26cm/10¼"



(Swedish Pattern)
11-3169-15 15cm/6"
11-3169-17 17cm/6¾"
11-3169-20 20cm/8"



Sarot
11-3170-18 18cm/7"
11-3170-26 26cm/10¼"

EN	Needle Holders
DE	Nadelhalter
ES	Porta-agujas
FR	Porte-aiguilles micro
IT	Porta microaghi

SUTURE

TC GOLD



Mathieu
 14cm/5½"
 17cm/6¾"
 20cm/8"
 24cm/9½"

11-3175-14
11-3175-17
11-3175-20
11-3175-24



Mathieu
 11-3176-14
 11-3176-17
 11-3176-20
 11-3176-24



Mathieu-Ryder
 11-3177-17
 11-3177-20



Langenbeck
 16cm/6¼"
 18cm/7"
 20cm/8"

11-3178-16
11-3178-18
11-3178-20



Langenbeck-Ryder
 11-3179-18
 11-3179-20



Lichtenberg
 11-3180-20

TC GOLD



11-3185-20 20 cm/8"
11-3185-25 25 cm/10"



Mathieu
11-3186-20 20 cm/8"
11-3186-24 24 cm/9½"



Metzenbaum
11-3187-17 17 cm/6¾"
11-3187-20 20 cm/8"



Arruga
16 cm/6¼"



Boynton
11-3190-12
12 cm/4¾"



Hosel
11-3191-20 20 cm/8"
11-3191-25 25 cm/10"

EN	Needle Holders
DE	Nadelhalter
ES	Porta-agujas
FR	Porte-aiguilles
IT	Porta-aghi

SUTURE

TC GOLD



Baby-Olsen-Hegar
11-3192-11
11.5 cm/4½"



Olsen-Hegar
11-3193-14
14 cm/5½"



Olsen-Hegar
11-3194-17
17 cm/6¾"



Olsen-Hegar
11-3195-18
18 cm/7"



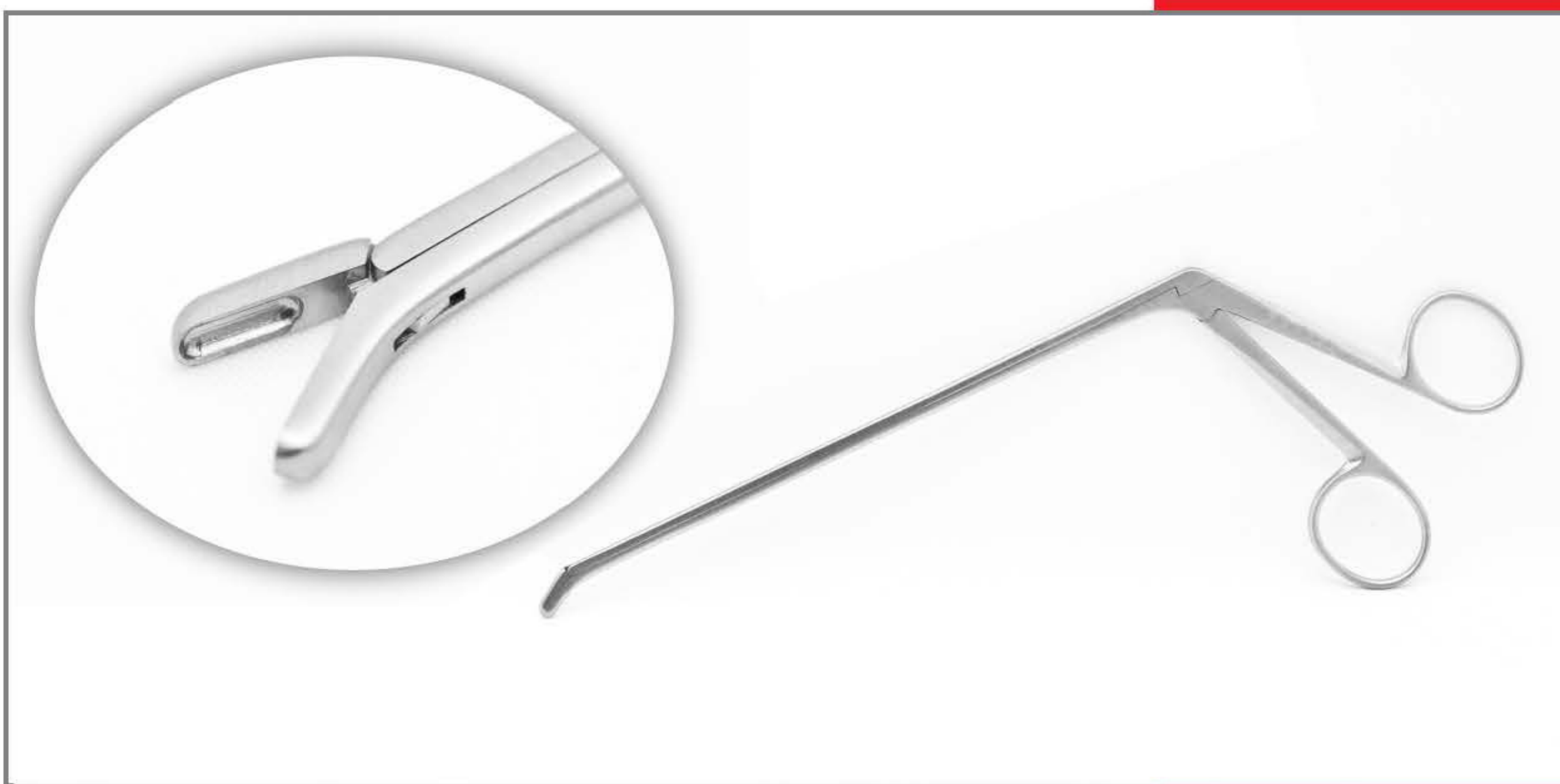
Gillies-Slim
11-3196-14
14.5 cm/5½"



Gillies
11-3197-16 (right hand)
11-3198-16 (left hand)
16 cm/6¼"

- EN** Neurosurgery
- DE** Neurochirurgie
- ES** Neuro Cirugía
- FR** Neurochirurgie
- IT** Neurochirurgia

Page 137 to 148



NEUROSURGERY



FRAZIER
 12-3401-15
 15 cm/5 1/8"



HOEN
 12-3402-15
 15 cm/5 1/8"



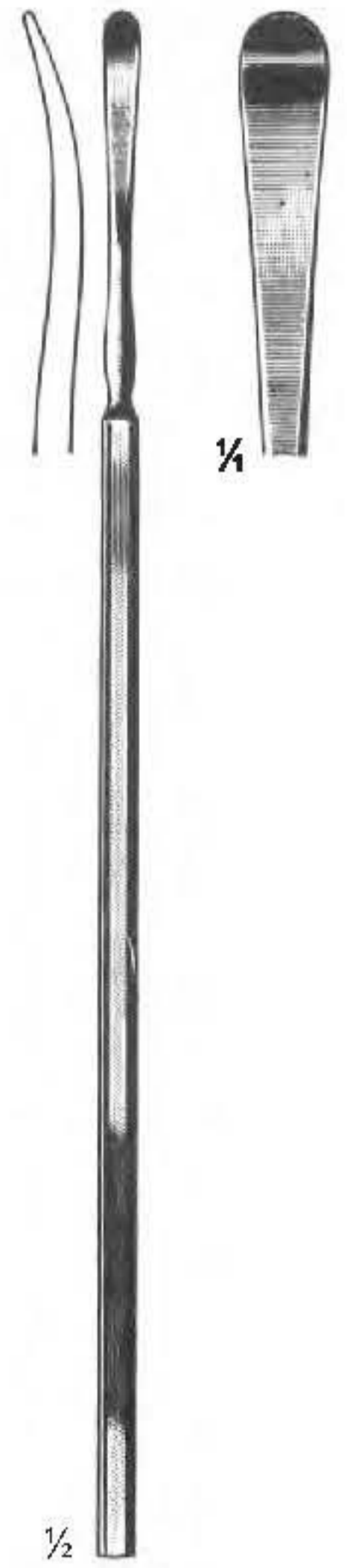
HOEN
 12-3403-15
 15 cm/5 1/8"



SACHS
 12-3404-21
 21 cm/8 1/4"



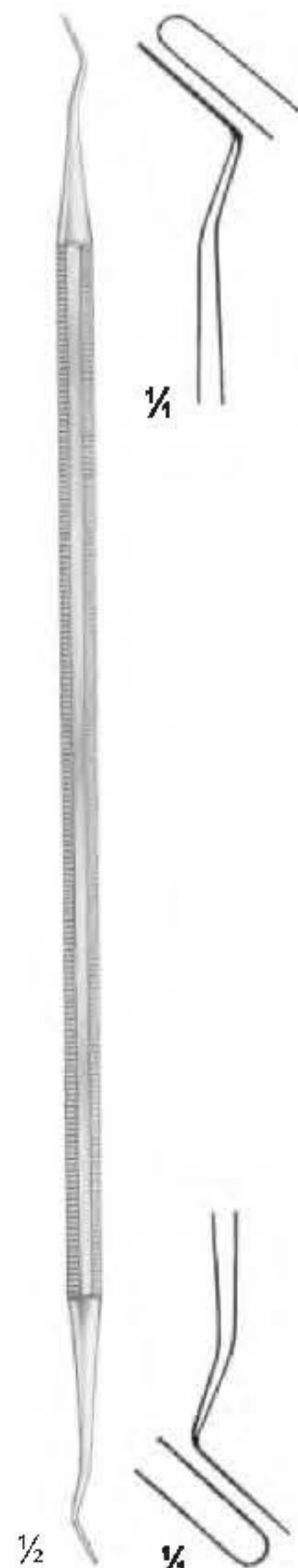
MILLIGAN
 12-3405-21
 21 cm/8 1/4"



SACHS
 12-3406-21
 21 cm/8 1/4"



12-3407-22
 22 cm/8 3/4"



WOODSON
 12-3408-25
 25 cm/9 1/8"



DAVIS
 12-3409-24
 24.5 cm/9 5/8"



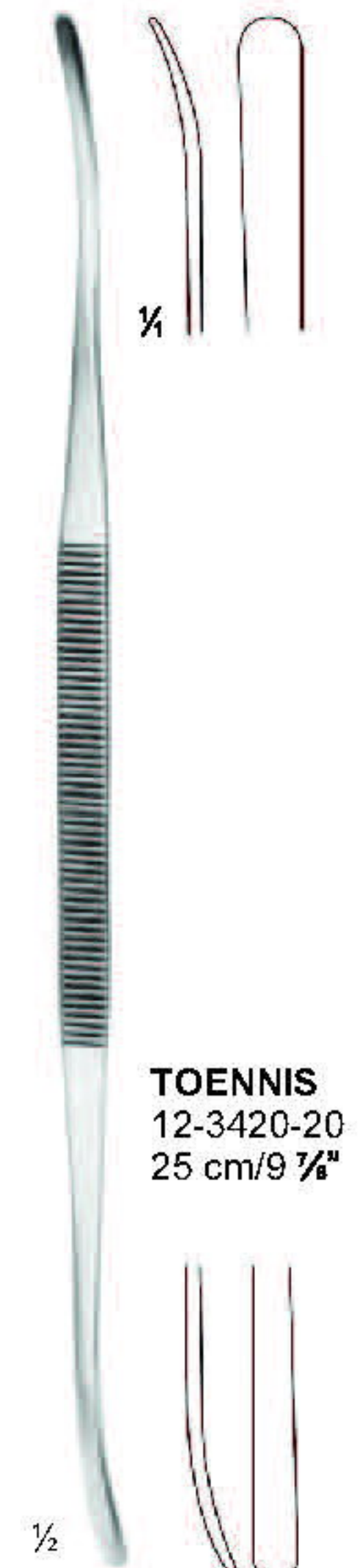
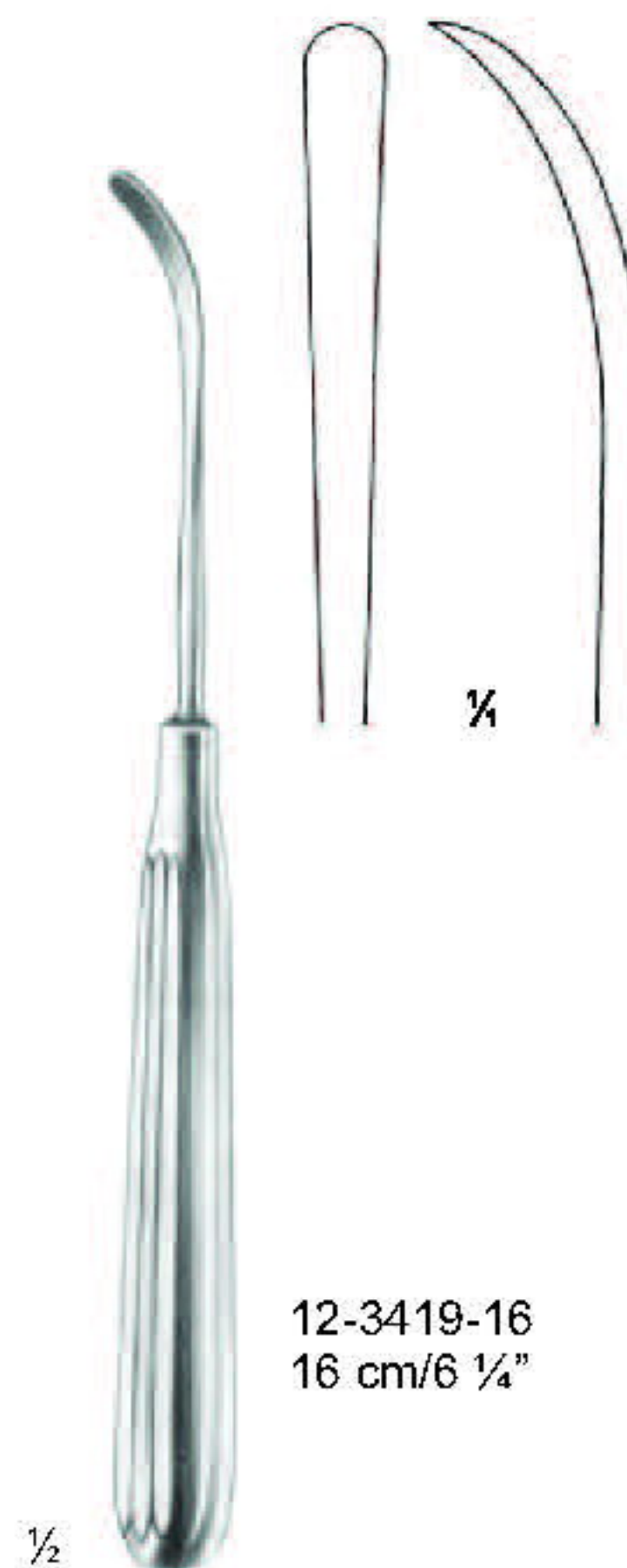
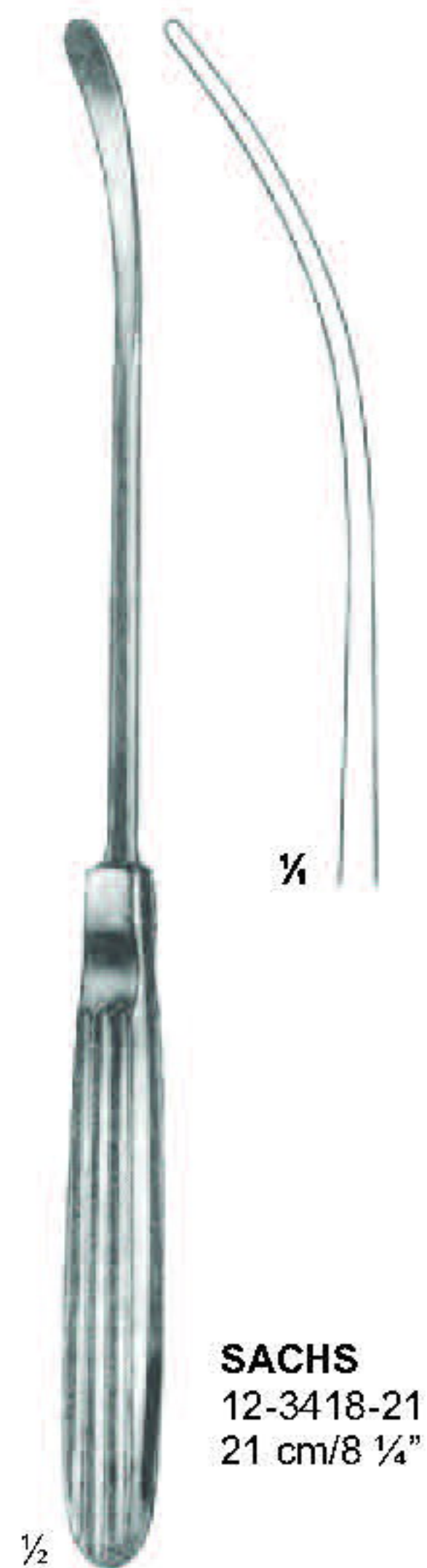
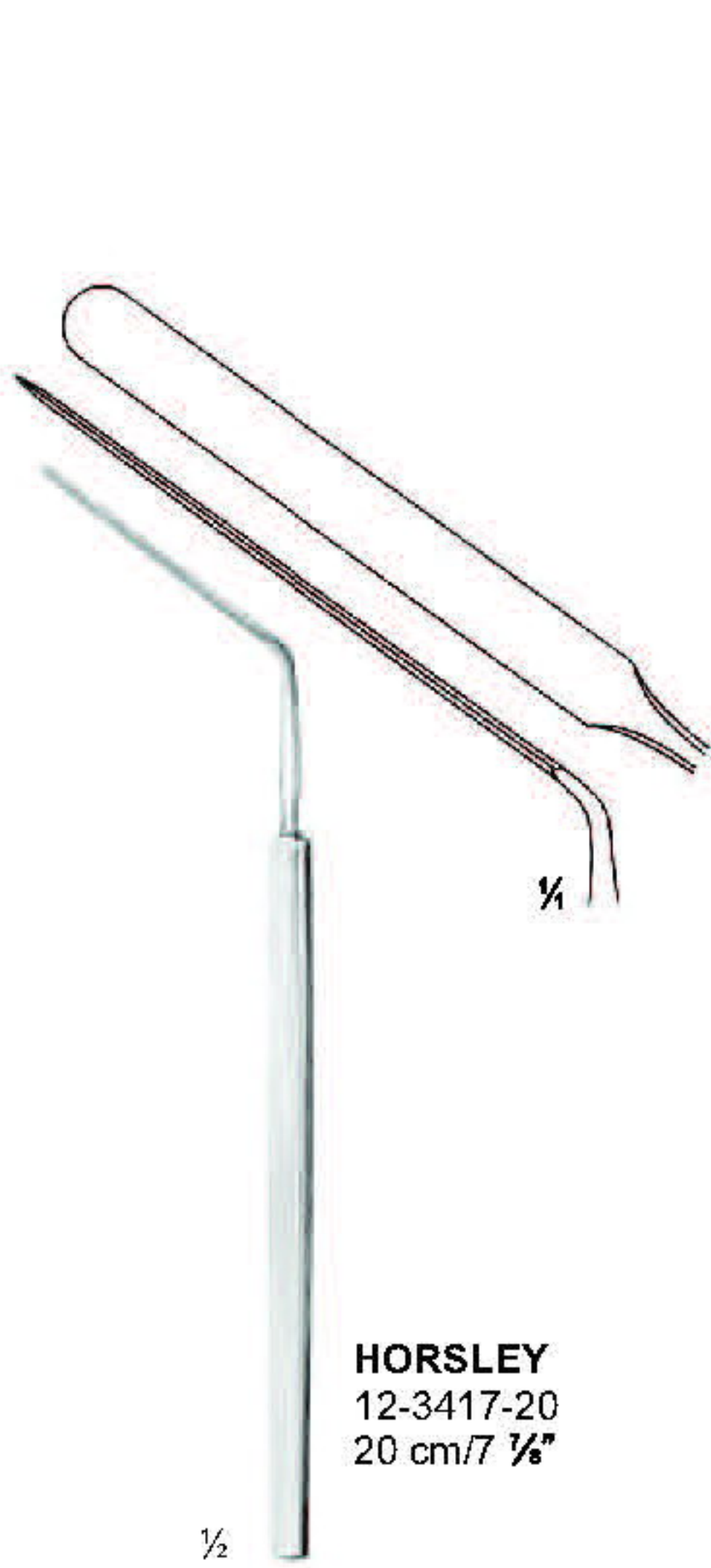
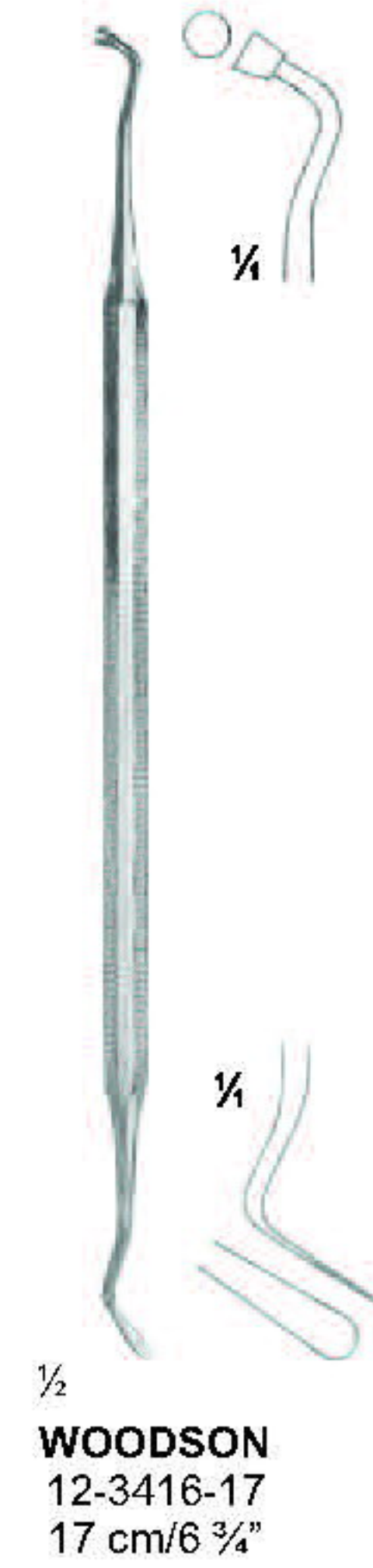
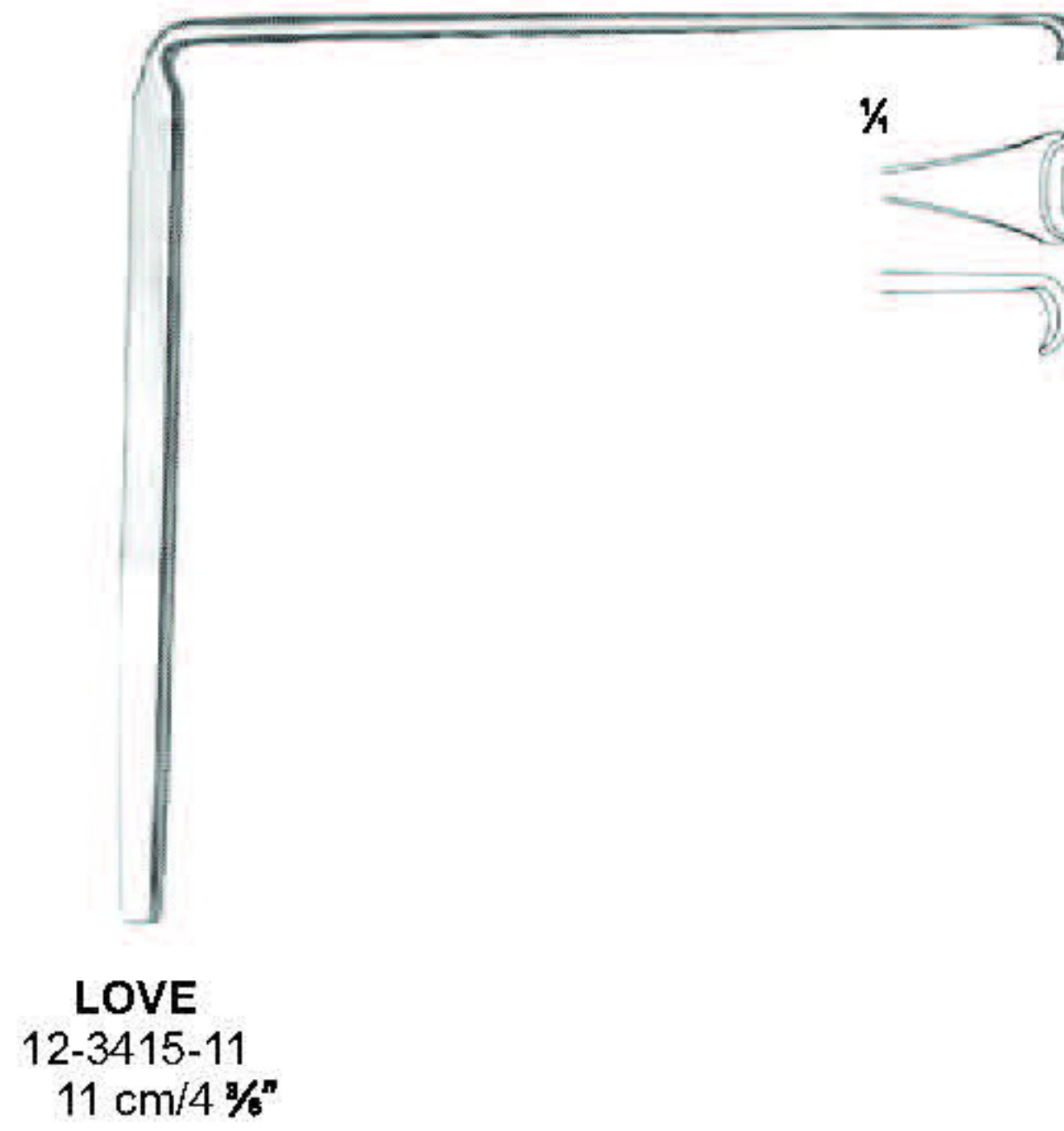
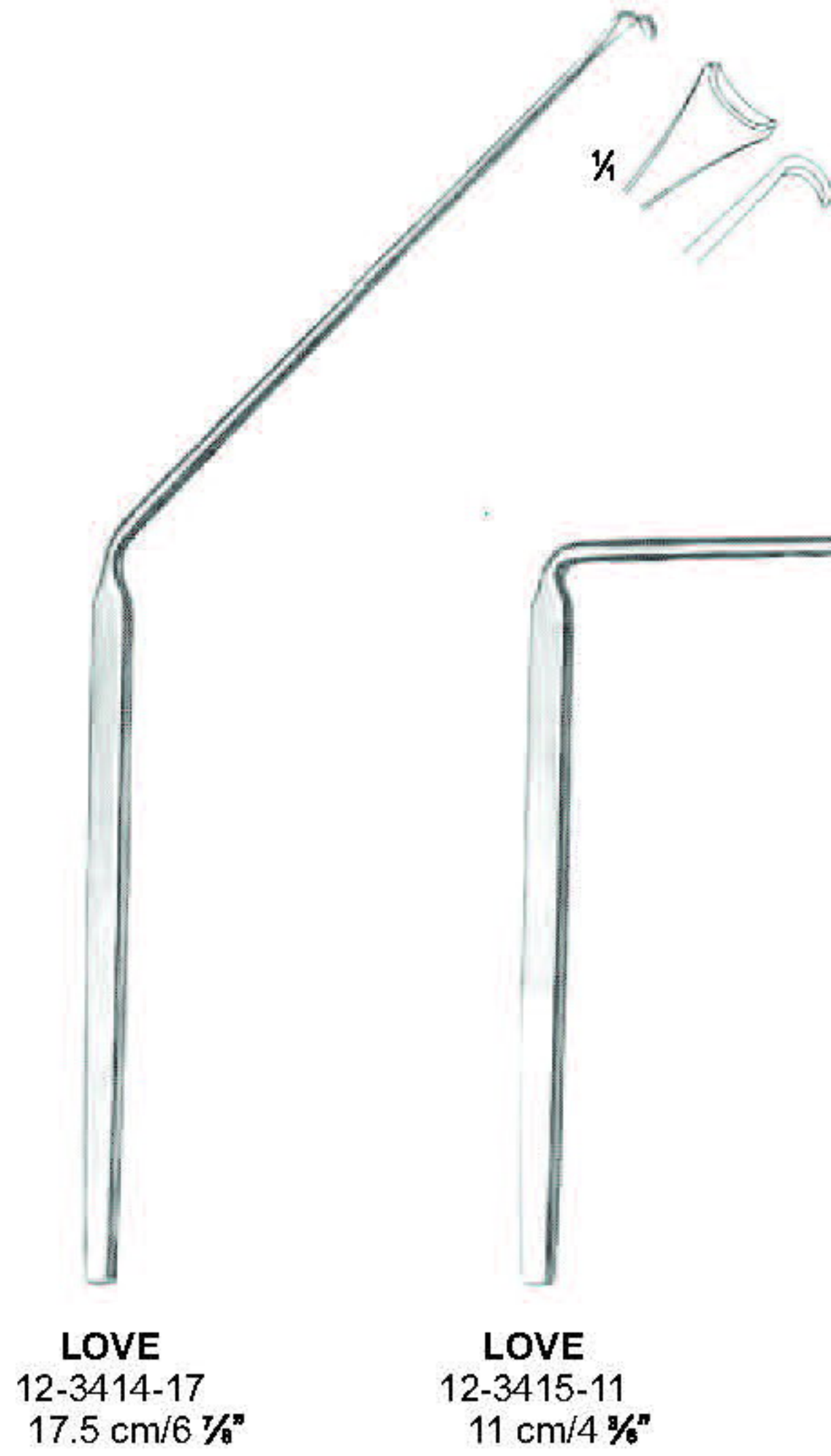
12-3410-21
 21 cm/8 1/4"



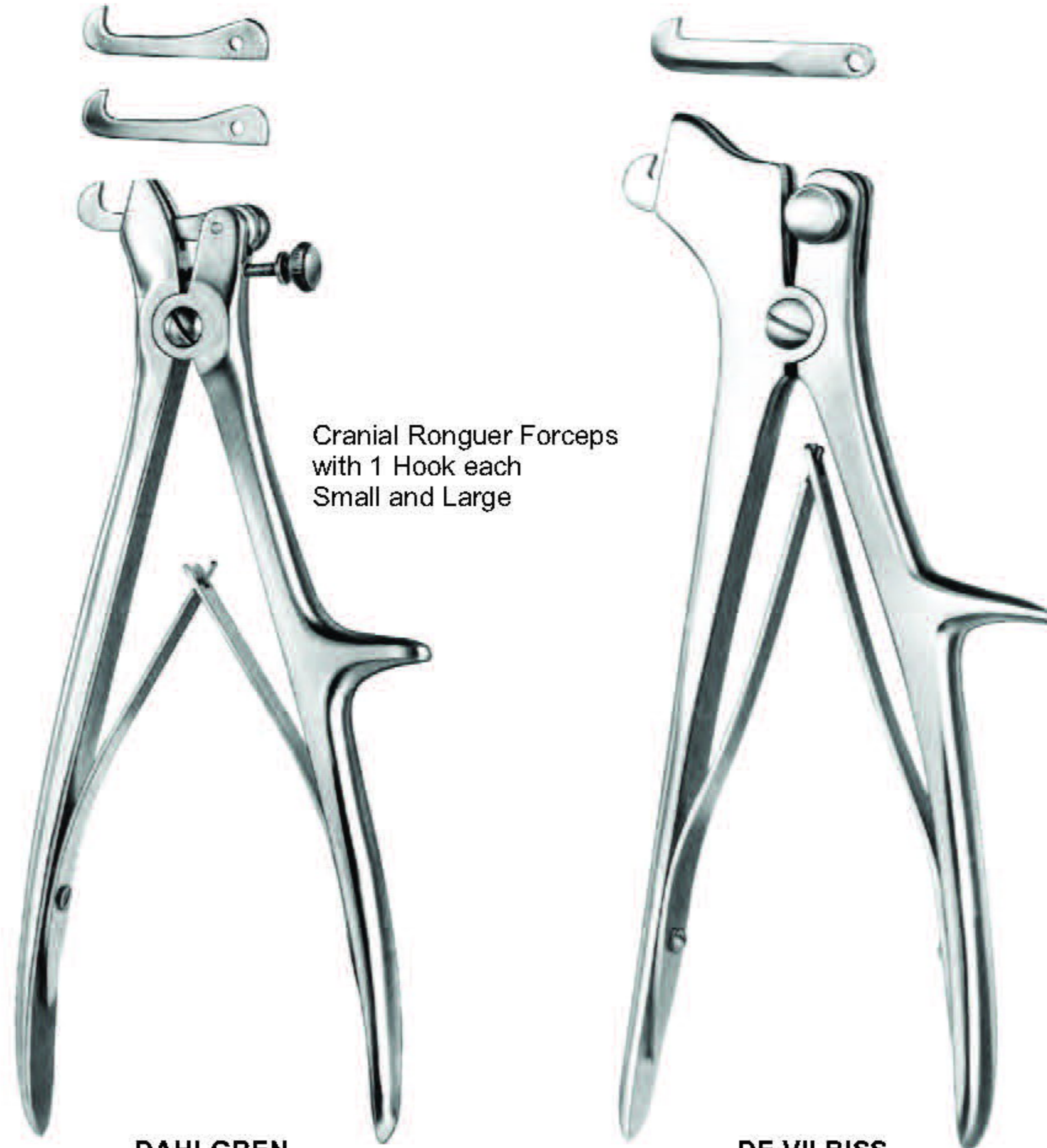
FAGER
 12-3411-20
 20 cm/7 1/8"



FAGER
 12-3412-20
 20 cm/7 1/8"



- EN Cranial Opening, Clip Applying Forceps
- DE Schädelzangen, Clips und Anlegezangen
- ES Pinzas sacabocados craneales, Grapas y pinzas aplicadoras
- FR Ouverture crânienne, pince à application de pince
- IT Apertura cranica, pinzette per applicazione a clip



Cranial Rongeur Forceps
with 1 Hook each
Small and Large

DAHLGREN
12-3421-20
20 cm/7 7/8"

DE VILBISS
12-3422-21
21 cm/8 1/4"



McKENZIE
12-3423-15 15cm/5 7/8"
12-3423-19 19cm/7 1/2"

McKENZIE
12-3424-15 15cm/5 7/8"
12-3424-19 19cm/7 1/2"

RANEY
12-3425
Applying and removing
forceps for scalp hemostasis clip



12-3426-30 30cm

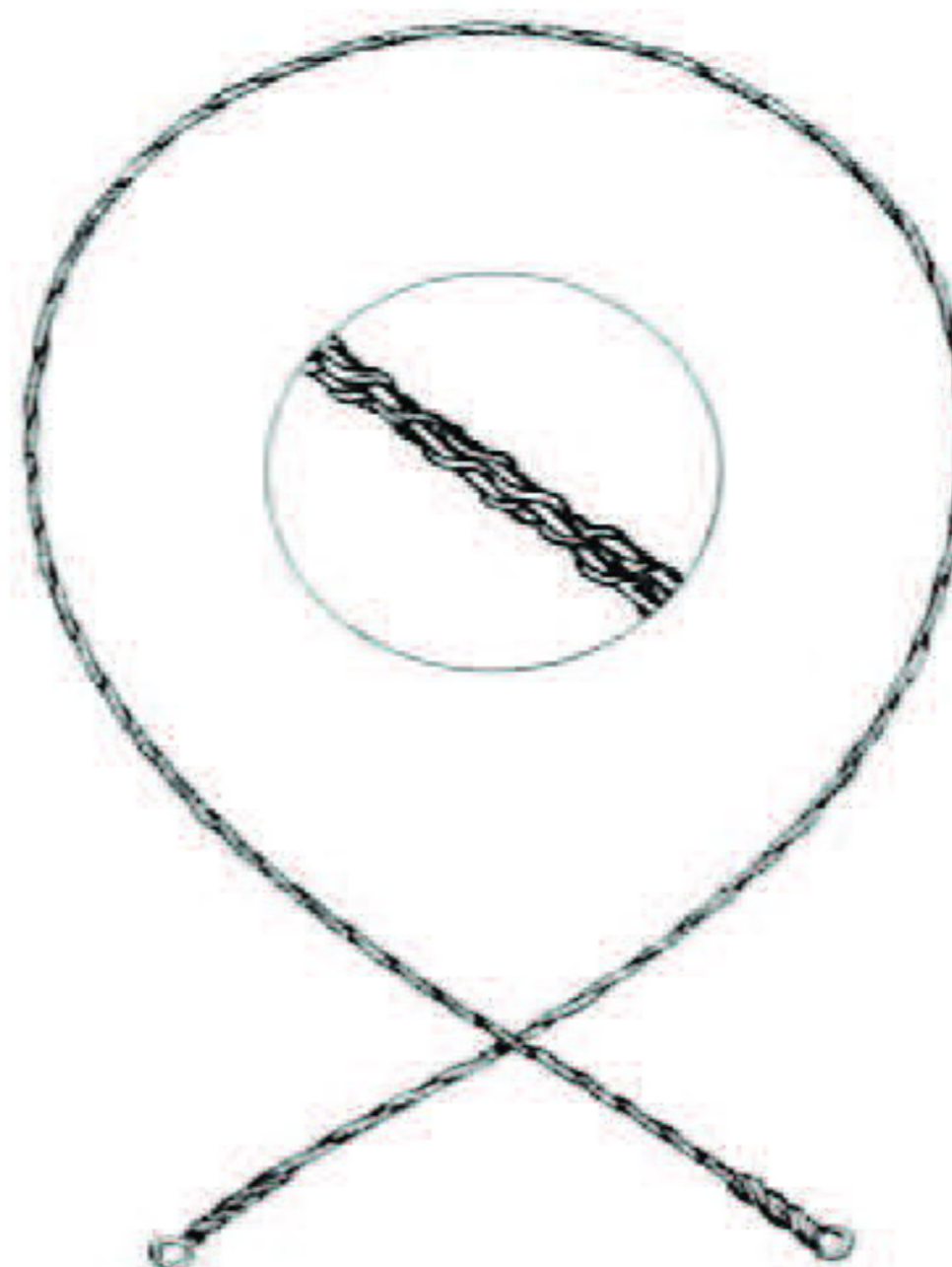
12-3426-40 40cm

12-3426-50 50cm

12-3426-60 60cm

12-3426-70 70cm

GIGLI-WIRE SAW
2 wires twisted



12-3427-30 30cm

12-3427-40 40cm

12-3427-50 50cm

GIGLI-WIRE SAW
6 wires twisted



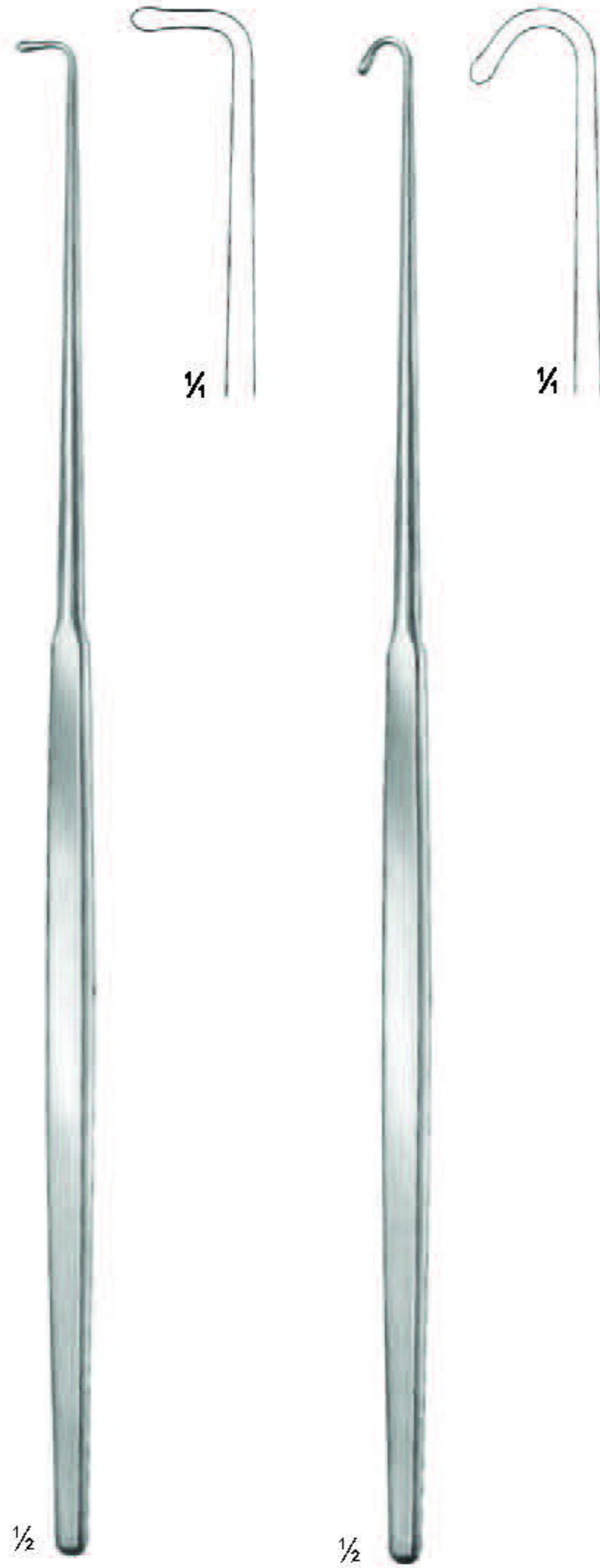
GIGLI
12-3428-07
7 cm/2 3/4"
Hook handle
for wire saw



De MARTEL
12-3429-33
33 cm/13"
Conductor for
wire saws

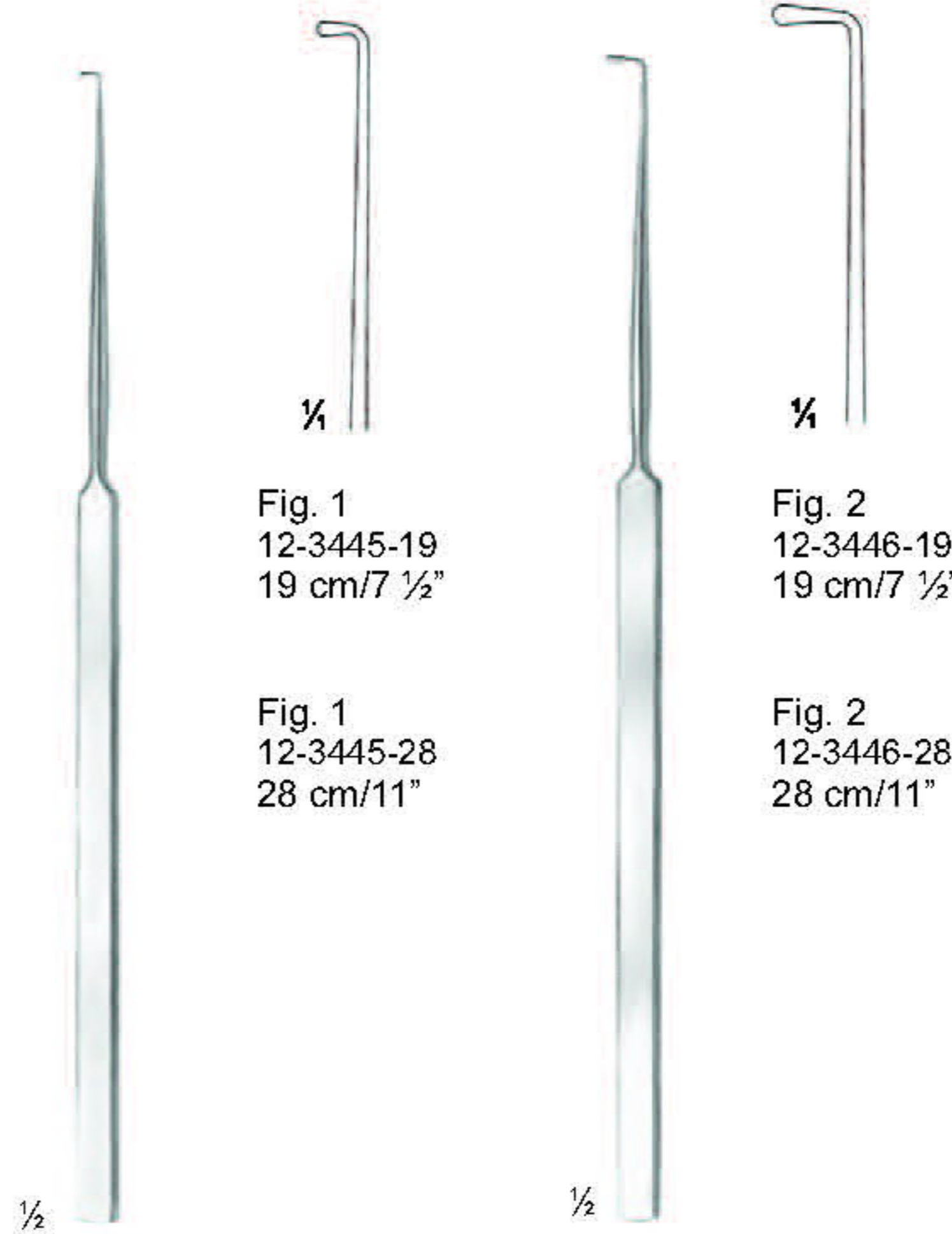
EN	Nerve Hooks
DE	Nervhaken
ES	Ganchos para nervios
FR	Crochets nerveux
IT	Ganci nervosi

NEUROSURGERY



GRONINGEN
12-3443-26
26.5 cm/10 3/8"

GRONINGEN
12-3444-26
26.5 cm/10 3/8"



CUSHING

CUSHING

Fig. 1
12-3445-19
19 cm/7 1/2"

Fig. 1
12-3445-28
28 cm/11"

Fig. 2
12-3446-19
19 cm/7 1/2"

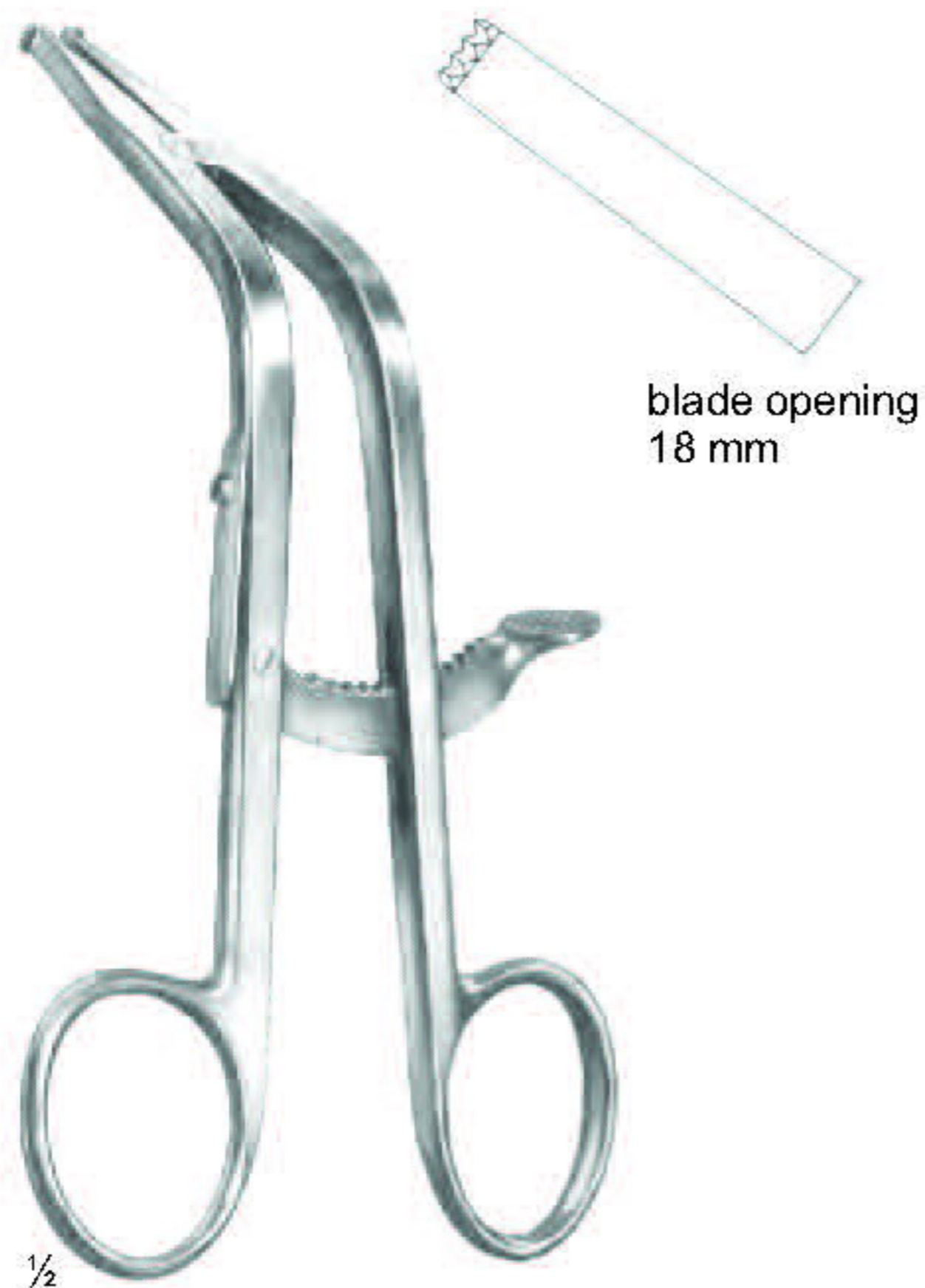
Fig. 2
12-3446-28
28 cm/11"



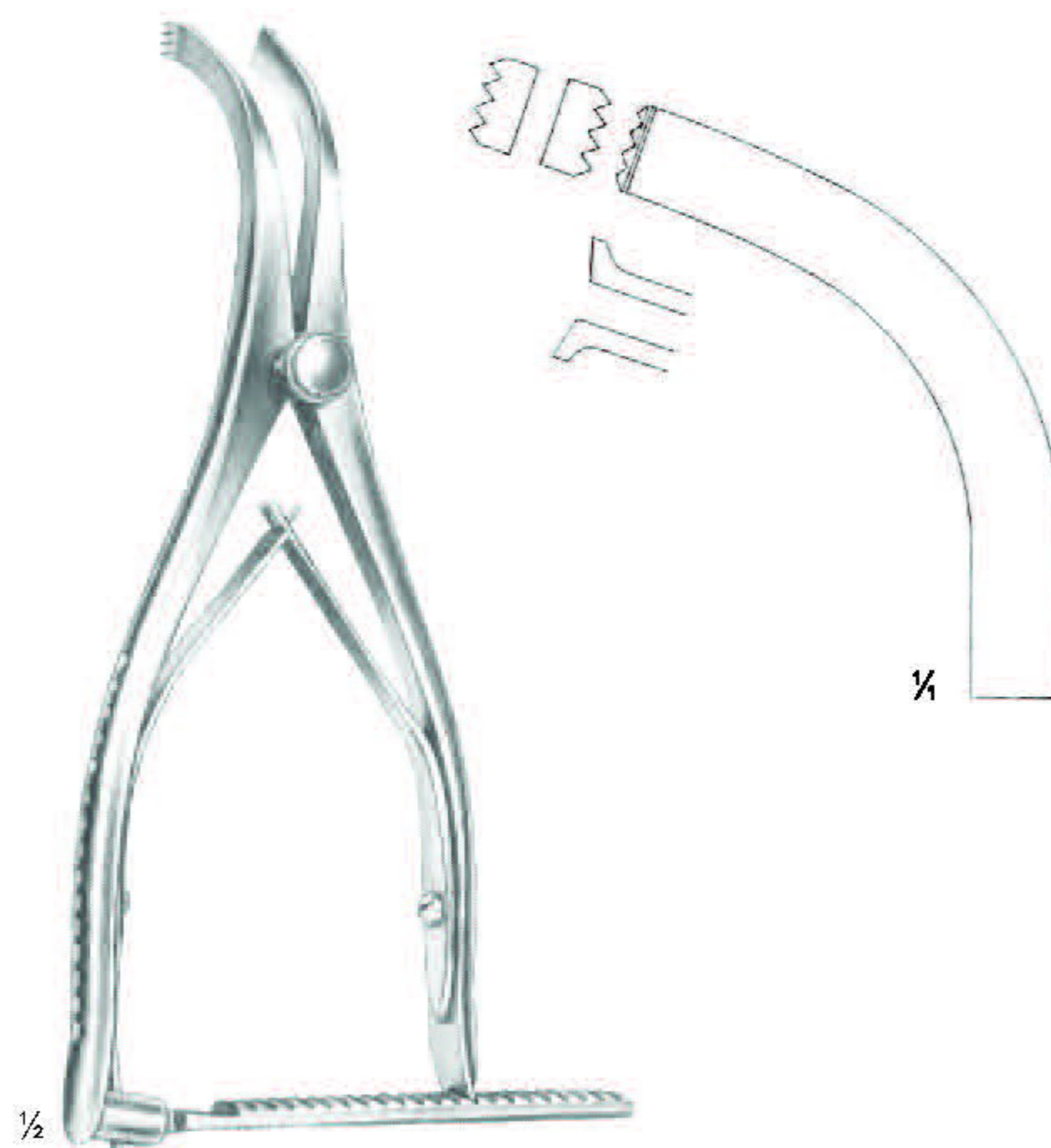
SMITHWICK

DF-237-2787
17 cm/6 3/4"

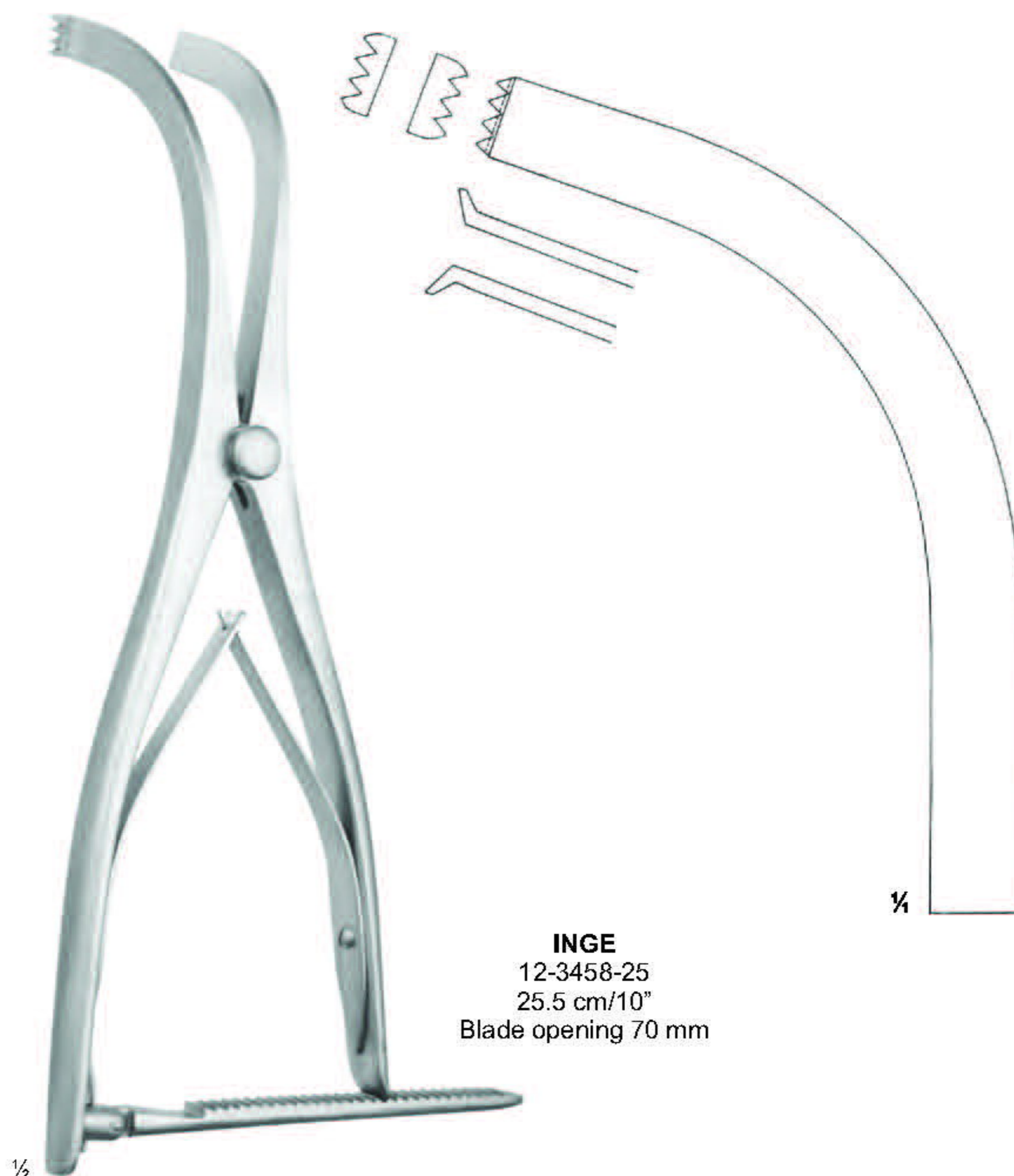
12-3447-21
21 cm/8 1/4"



CLOWARD
12-3456-16
16 cm/6 1/4"

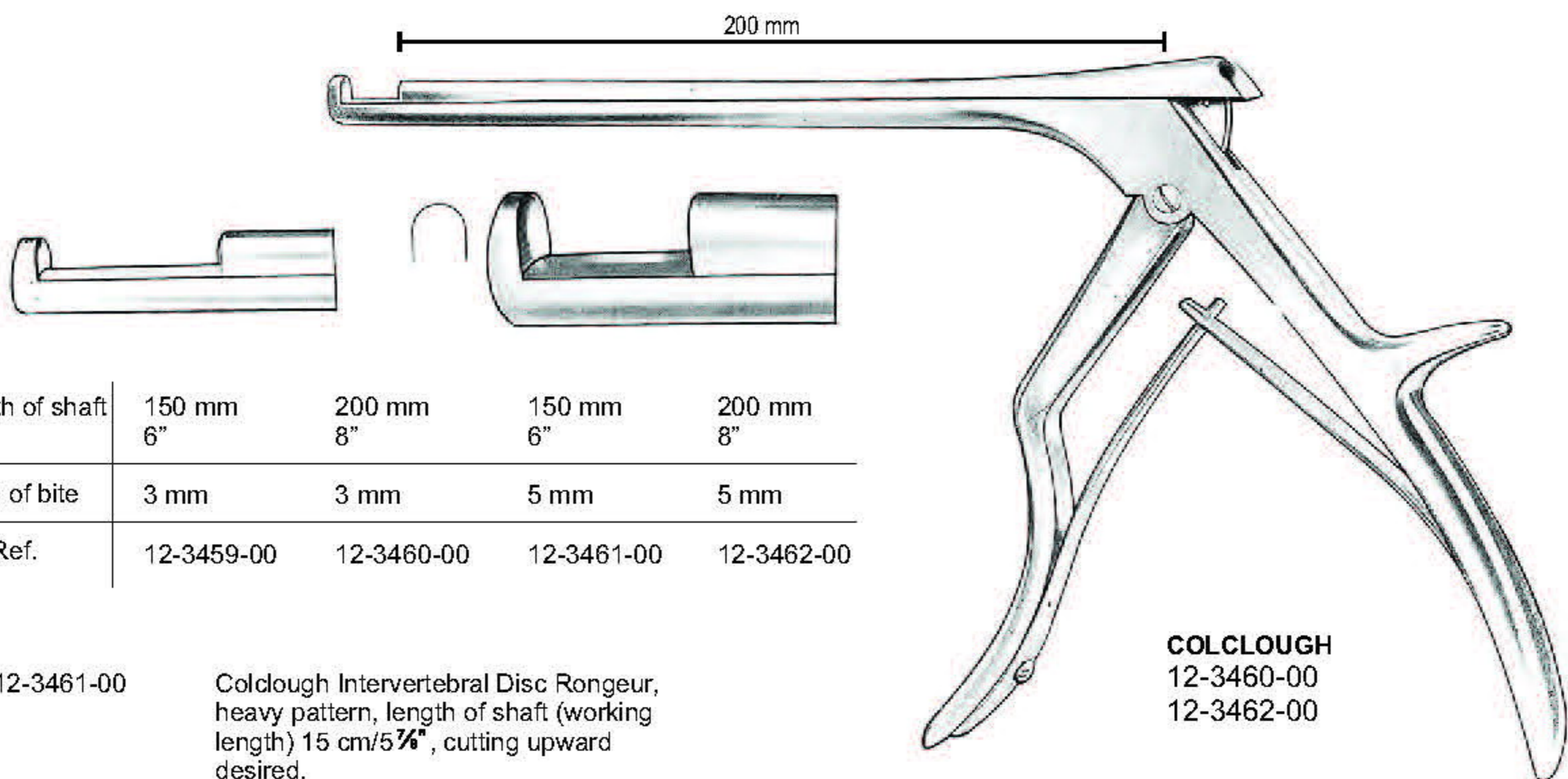
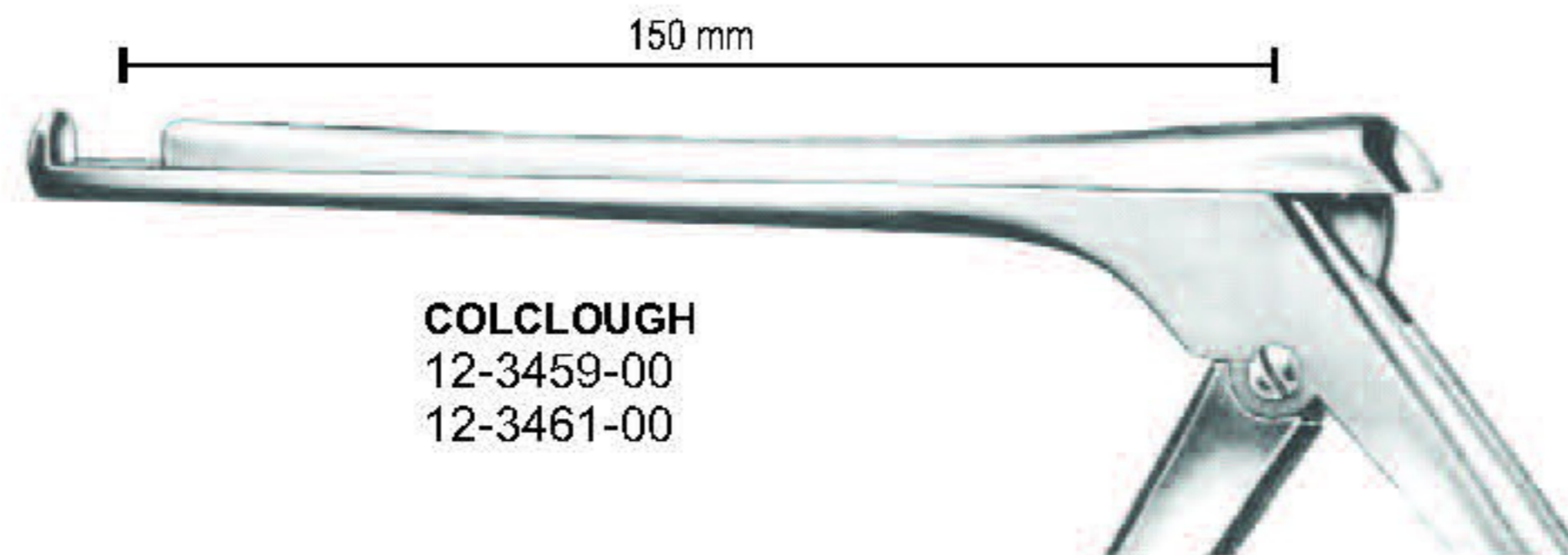


INGE
12-3457-16
16.5 cm/6 1/2"
Blade opening 35 mm



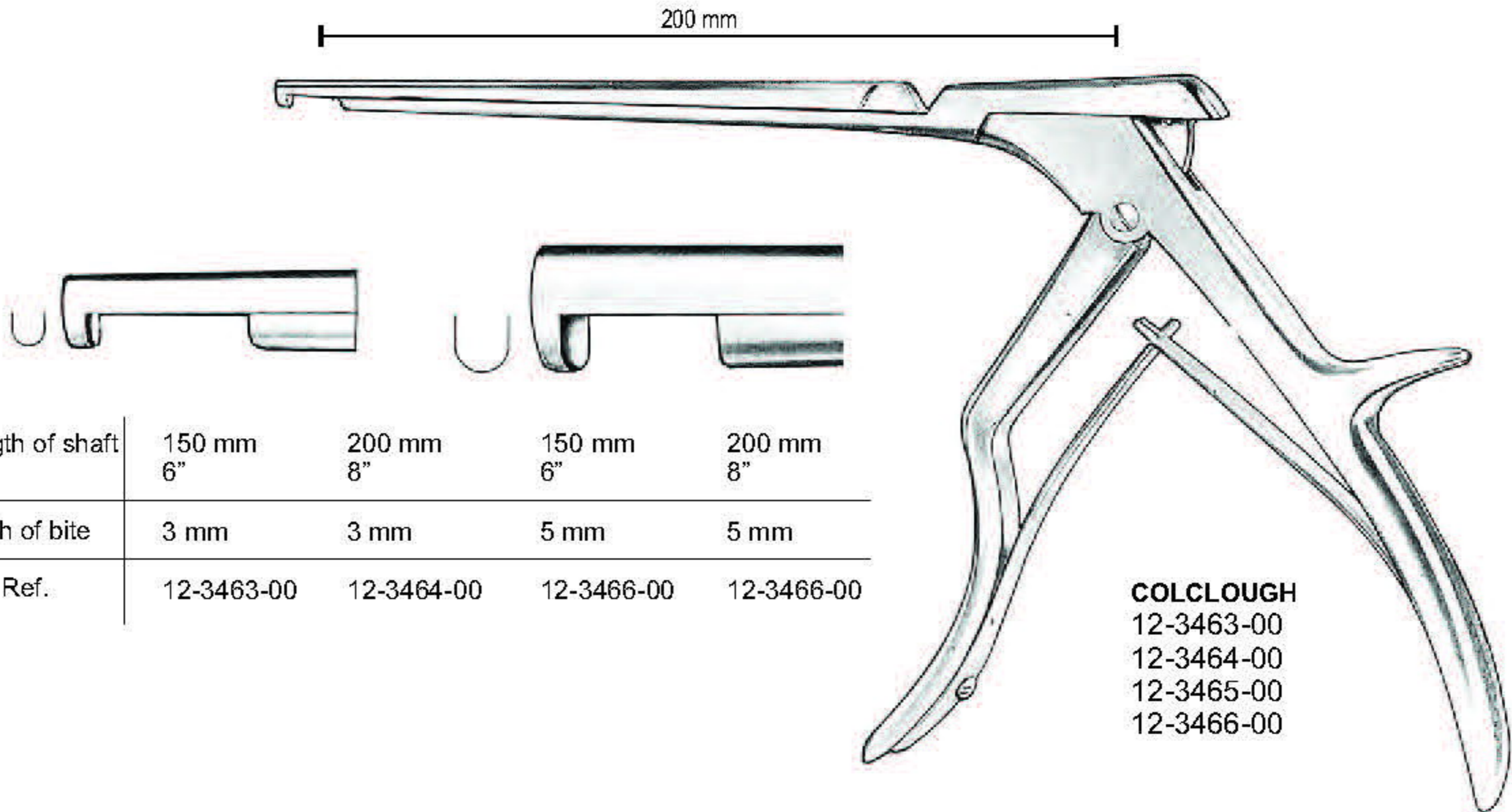
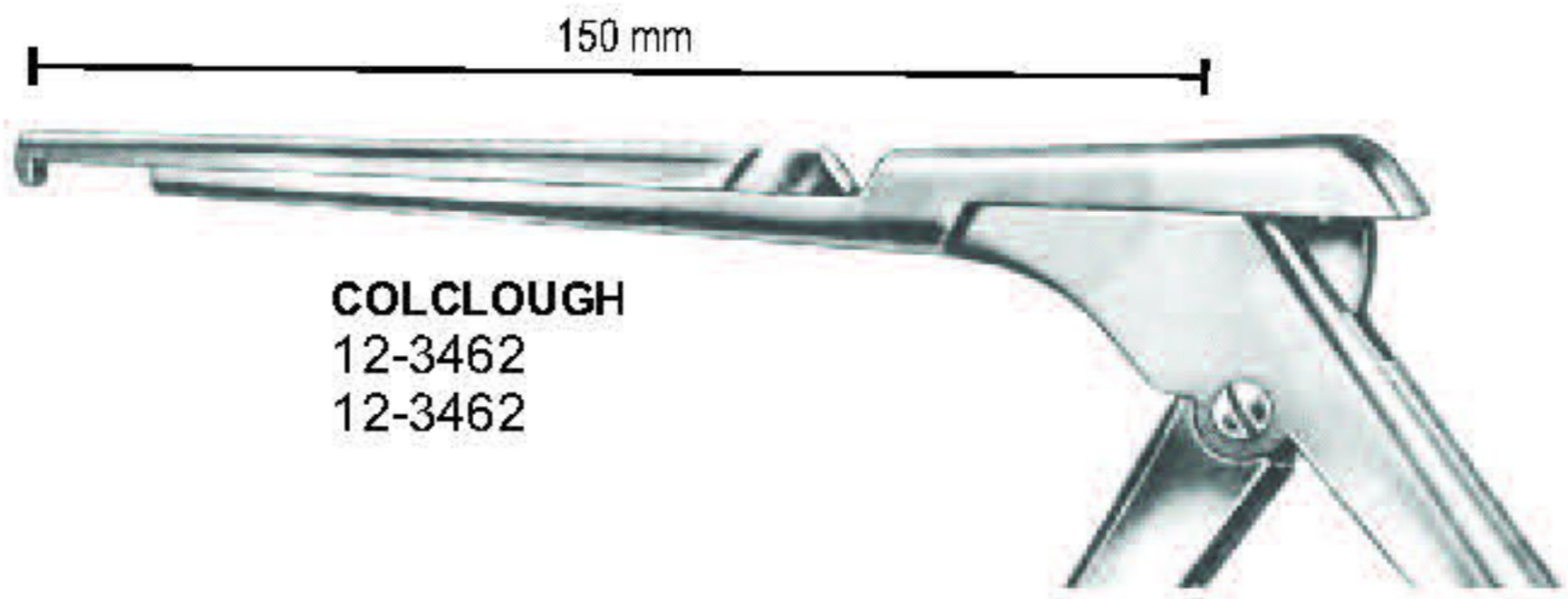
INGE
12-3458-25
25.5 cm/10"
Blade opening 70 mm

EN	Laminectomy Punches
DE	Laminektomiestanzen
ES	Pinzas cortantes para laminectomía
FR	Poinçons de laminectomie
IT	Poinçons de laminectomie...

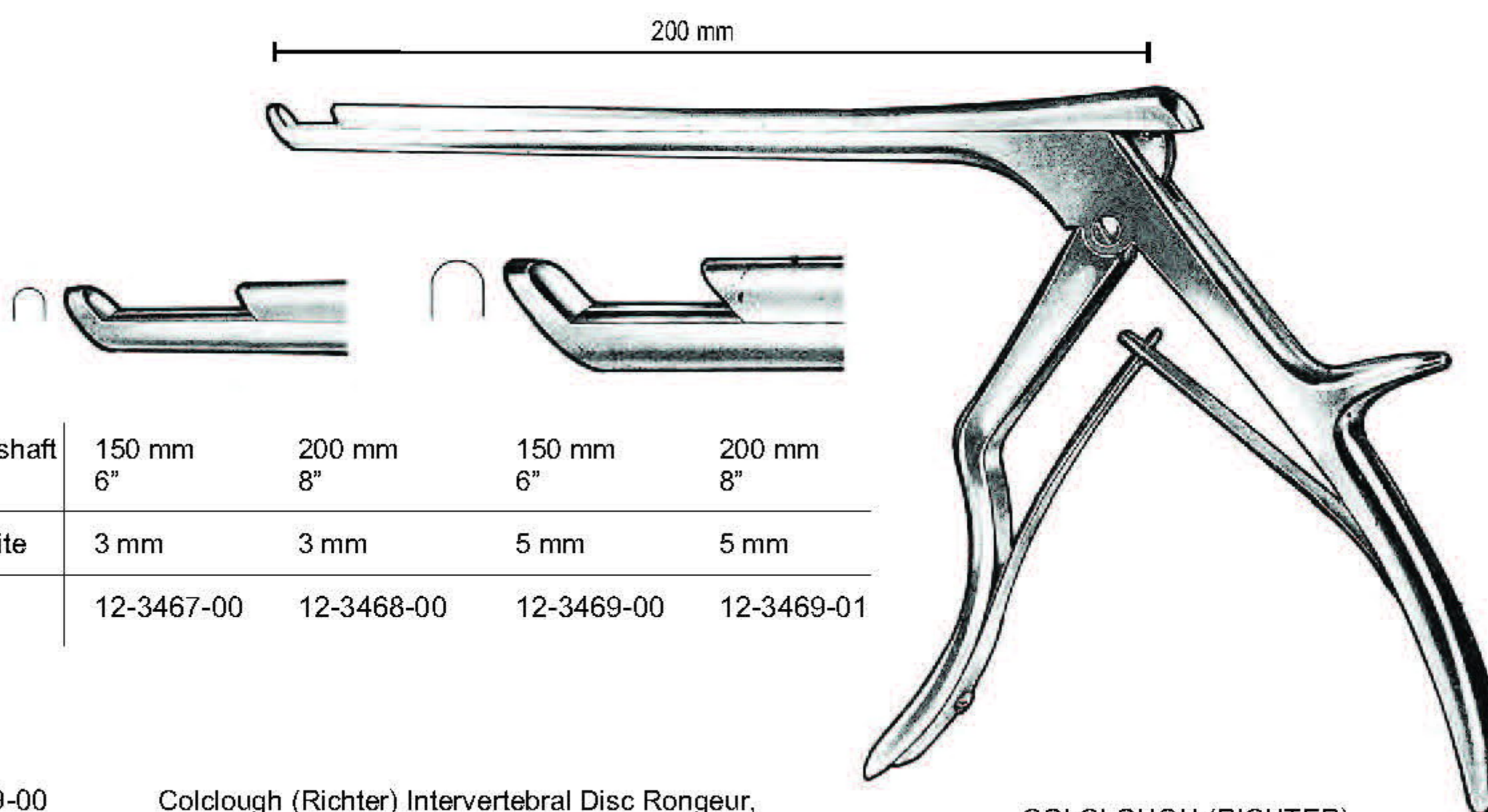
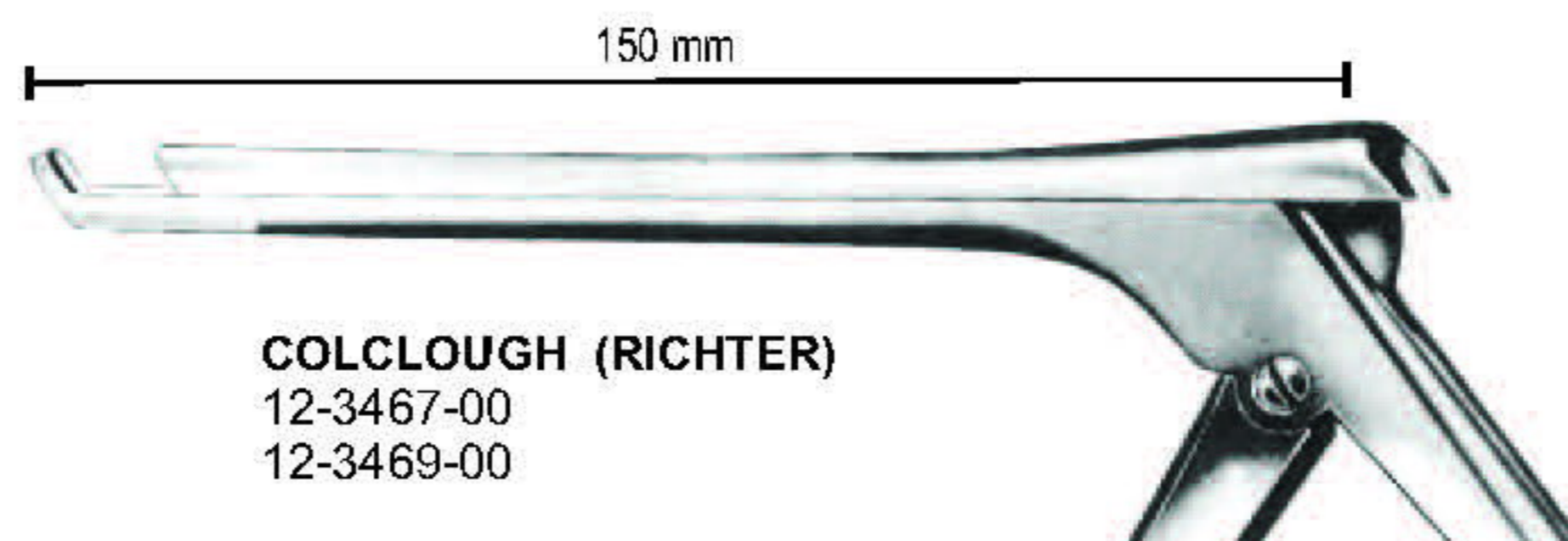


Length of shaft	150 mm 6"	200 mm 8"	150 mm 6"	200 mm 8"
Width of bite	3 mm	3 mm	5 mm	5 mm
Cat. Ref.	12-3459-00	12-3460-00	12-3461-00	12-3462-00

- 12-3459-00 - 12-3461-00 Colclough Intervertebral Disc Rongeur, heavy pattern, length of shaft (working length) 15 cm/5 7/8", cutting upward desired.
- 12-3460-00 - 12-3462-00 ditto, length of shaft (working length) 20 cm/7 7/8"
- 12-3462-00 - 12-3463-00 ditto, length of shaft (working length) 15 cm/5 7/8", cutting downward
- 12-3462-00 - 12-3462-00 ditto, length of shaft (working length) 20 cm/7 7/8"



Length of shaft	150 mm 6"	200 mm 8"	150 mm 6"	200 mm 8"
Width of bite	3 mm	3 mm	5 mm	5 mm
Cat. Ref.	12-3463-00	12-3464-00	12-3466-00	12-3466-00



Length of shaft	150 mm 6"	200 mm 8"	150 mm 6"	200 mm 8"
Width of bite	3 mm	3 mm	5 mm	5 mm
Cat. Ref.	12-3467-00	12-3468-00	12-3469-00	12-3469-01

COLCLOUGH (RICHTER)
 12-3468-00
 12-3469-01

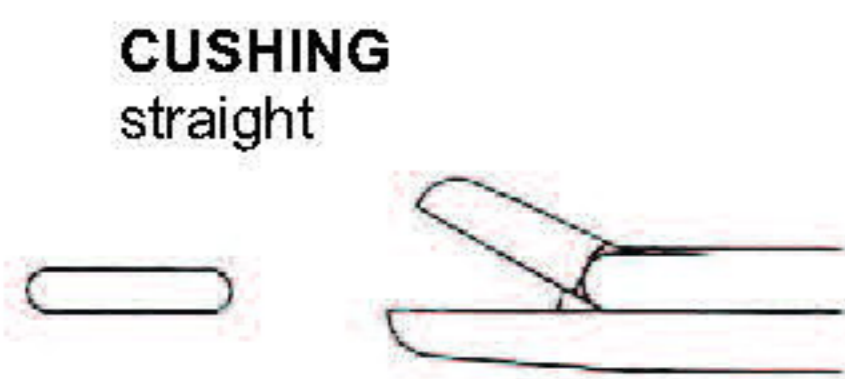
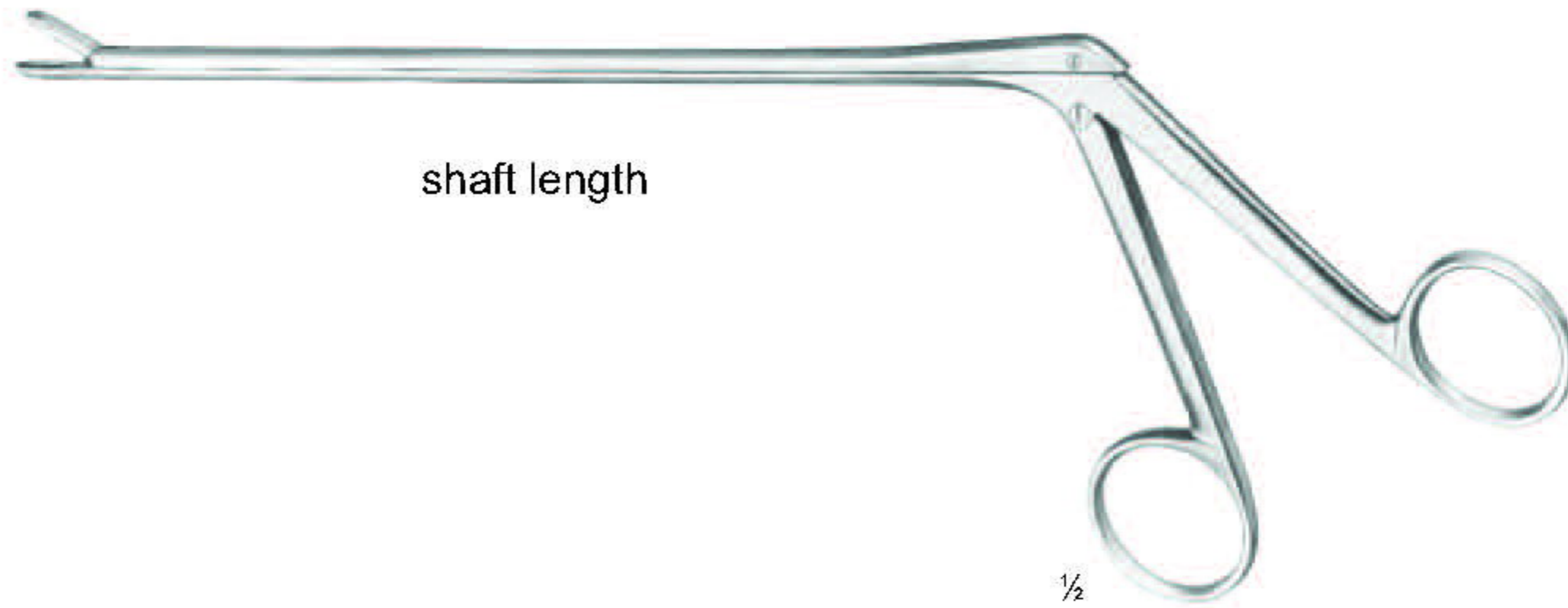
12-3467-00 - 12-3469-00

Colclough (Richter) Intervertebral Disc Rongeur, heavy pattern, length of shaft (working length) 15 cm/6", cutting 40° forward

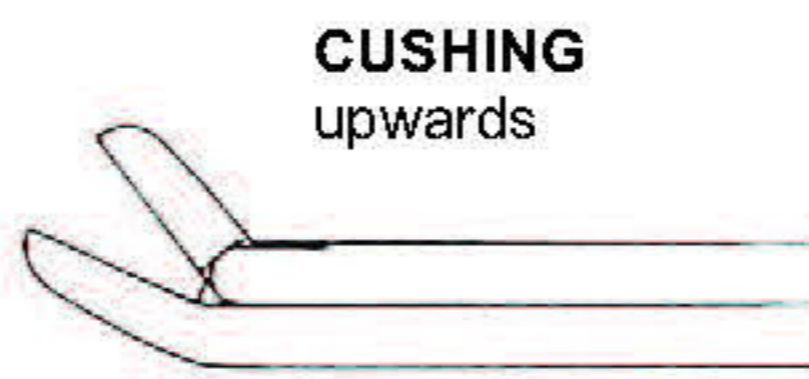
12-3468-00 - 12-3469-01

ditto, length of shaft (working length) 20 cm/7 7/8"

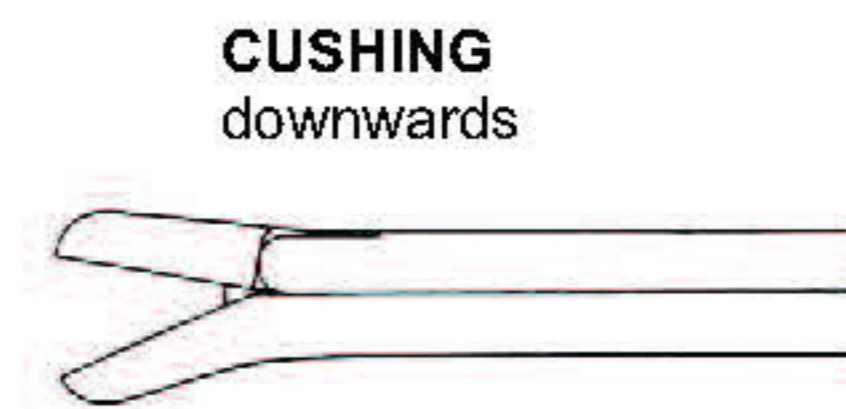
EN	Laminectomy Punches
DE	Laminektomiestanzen
ES	Pinzas cortantes para laminectomía
FR	Poinçons de laminectomie
IT	Punzoni per laminectomia



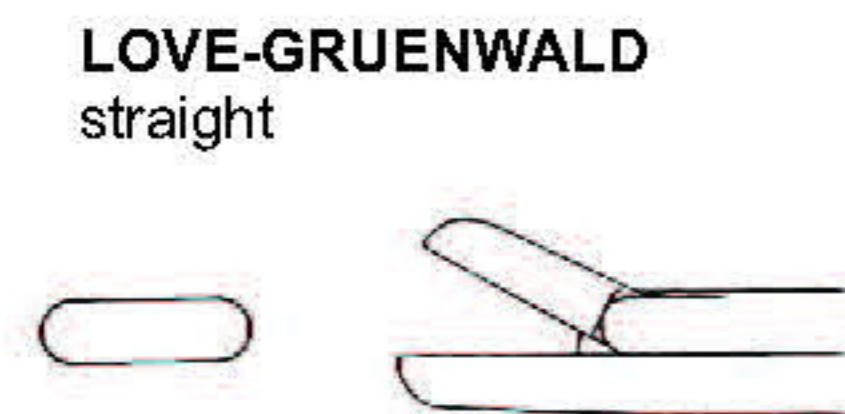
12-3470-12 120 mm
12-3470-15 150 mm
12-3470-18 180 mm



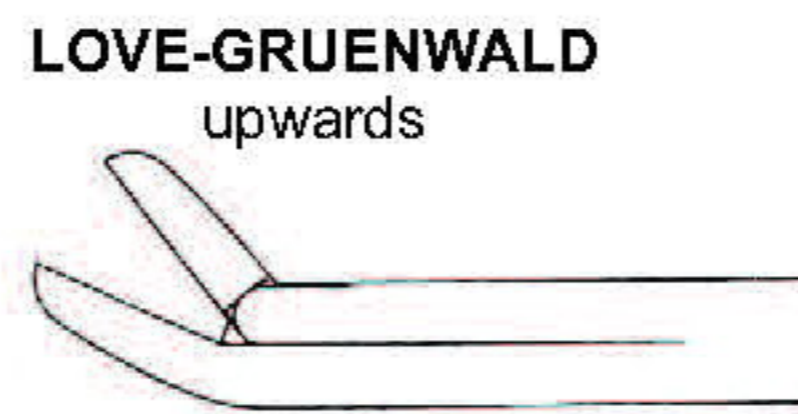
12-3471-12 120 mm
12-3471-15 150 mm
12-3471-18 180 mm



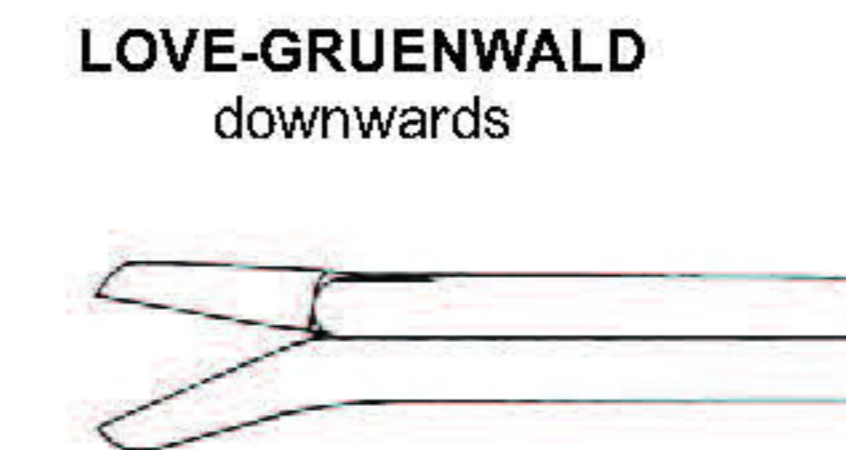
12-3472-12 120 mm
12-3472-15 150 mm
12-3472-18 180 mm



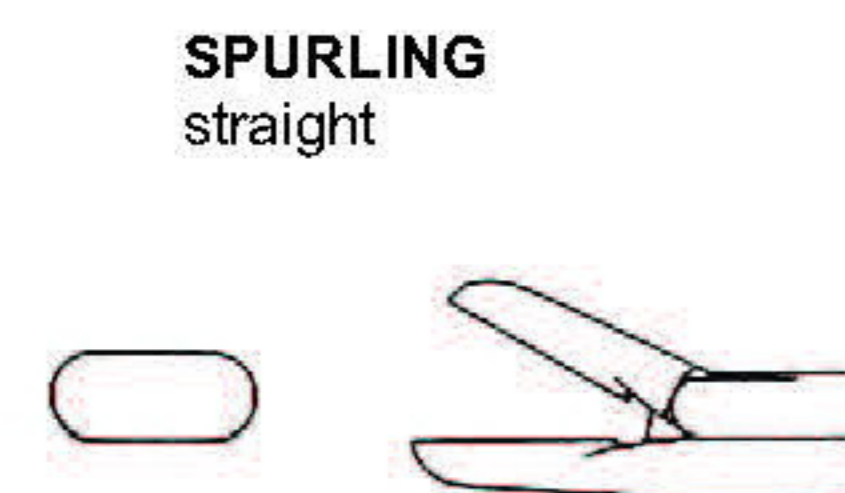
12-3473-12 120 mm
12-3473-15 150 mm
12-3473-18 180 mm



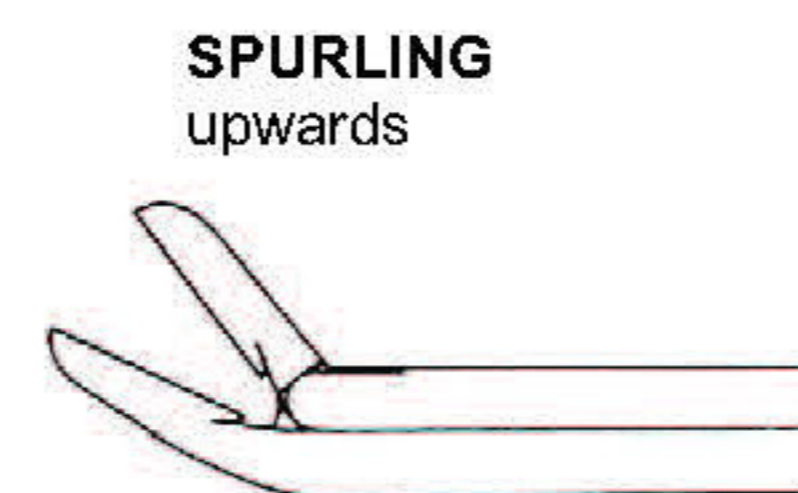
12-3474-12 120 mm
12-3474-15 150 mm
12-3474-18 180 mm



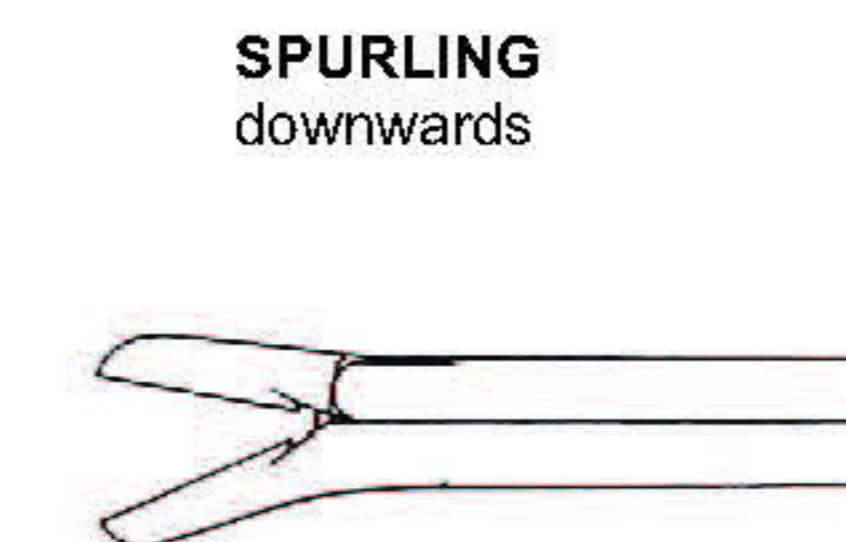
12-3475-12 120 mm
12-3475-15 150 mm
12-3475-18 180 mm



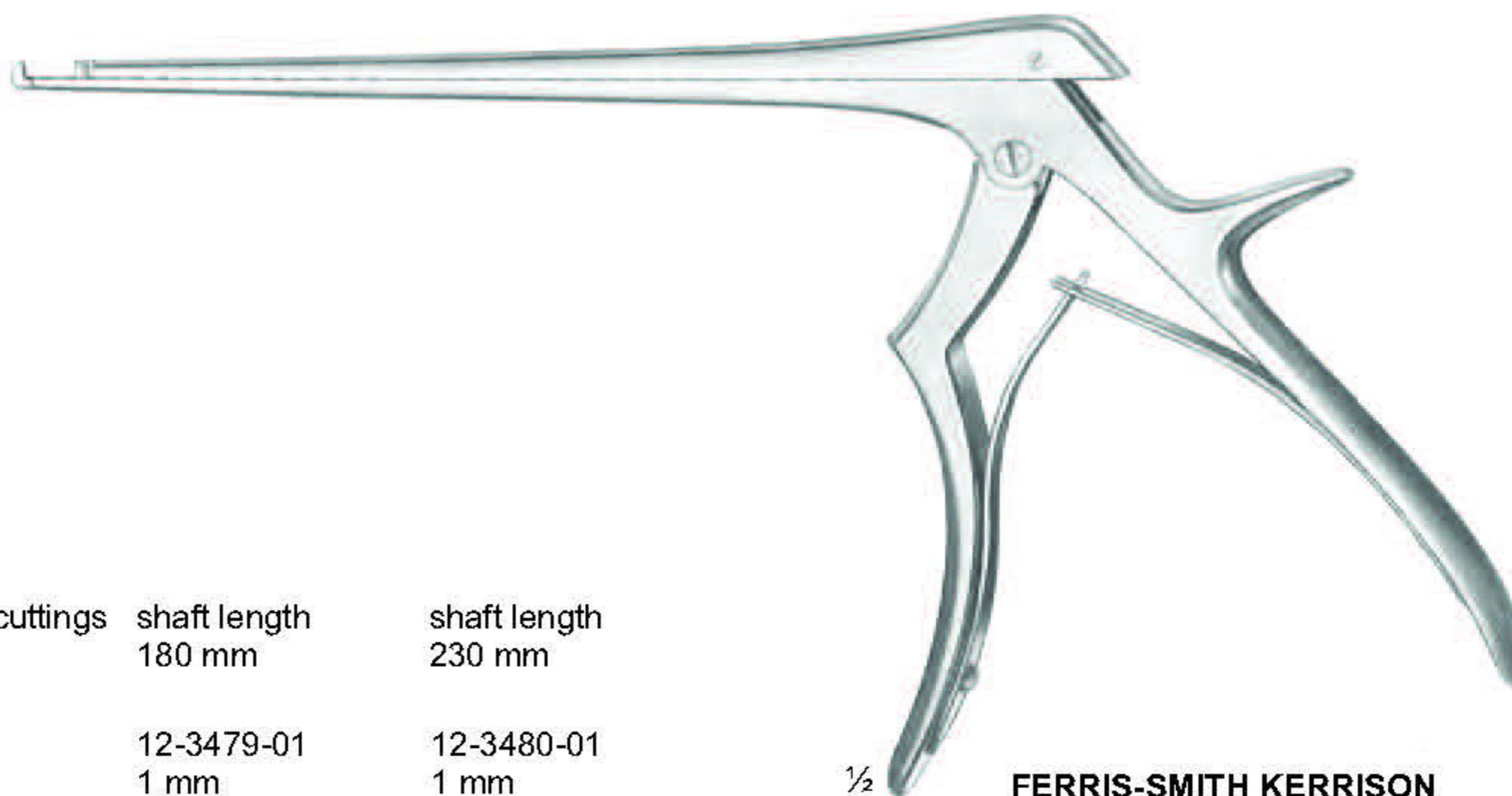
12-3476-12 120 mm
12-3476-15 150 mm
12-3476-18 180 mm



12-3477-12 120 mm
12-3477-15 150 mm
12-3477-18 180 mm



12-3478-12 120 mm
12-3478-15 150 mm
12-3478-18 180 mm



upwards cuttings	shaft length 180 mm	shaft length 230 mm
	12-3479-01 1 mm	12-3480-01 1 mm
	12-3479-02 2 mm	12-3480-02 2 mm
	12-3479-03 3 mm	12-3480-03 3 mm
	12-3479-04 4 mm	12-3480-04 4 mm
	12-3479-05 5 mm	12-3480-05 5 mm
	12-3479-06 6 mm	12-3480-06 6 mm

downwards cuttings	shaft length 180 mm
	12-3483-03 3 mm

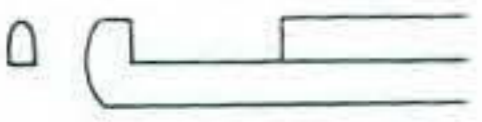
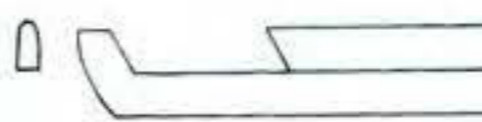










downwards cuttings	shaft length 180 mm	shaft length 230 mm
	12-3481-01 1 mm	12-3482-01 1 mm
	12-3481-02 2 mm	12-3482-02 2 mm
	12-3483-03 3 mm	12-3482-03 3 mm
	12-3483-04 4 mm	12-3482-04 4 mm
	12-3483-05 5 mm	12-3482-05 5 mm
	12-3483-06 6 mm	12-3482-06 6 mm

upwards cuttings	shaft length 180 mm	shaft length 230 mm
	12-3484-01 1 mm	12-3485-01 1 mm
	12-3484-02 2 mm	12-3485-02 2 mm
	12-3484-03 3 mm	12-3485-03 3 mm
	12-3484-04 4 mm	12-3485-04 4 mm
	12-3484-05 5 mm	12-3485-05 5 mm
	12-3484-06 6 mm	12-3485-06 6 mm

EN	Laminectomy Punches
DE	Laminektomiestanzen
ES	Pinzas cortantes para laminectomía
FR	Poinçons de laminectomie
IT	Punzoni per laminectomia



FERRIS-SMITH KERRISON

upwards cuttings	shaft length 180 mm	shaft length 230 mm	upwards cuttings	shaft length 180 mm	shaft length 230 mm
	12-3486-1 1 mm	12-3487-1 1 mm		12-3488-1 1 mm	12-3489-1 1 mm
	12-3486-2 2 mm	12-3487-2 2 mm		12-3488-2 2 mm	12-3489-2 2 mm
	12-3486-3 3 mm	12-3487-3 3 mm		12-3488-3 3 mm	12-3489-3 3 mm
	12-3486-4 4 mm	12-3487-4 4 mm		12-3488-4 4 mm	12-3489-4 4 mm
	12-3486-5 5 mm	12-3487-5 5 mm		12-3488-5 5 mm	12-3489-5 5 mm
	12-3486-6 6 mm	12-3487-6 6 mm		12-3488-6 6 mm	12-3489-6 6 mm



12-3490-02
 Ø 2.2 mm



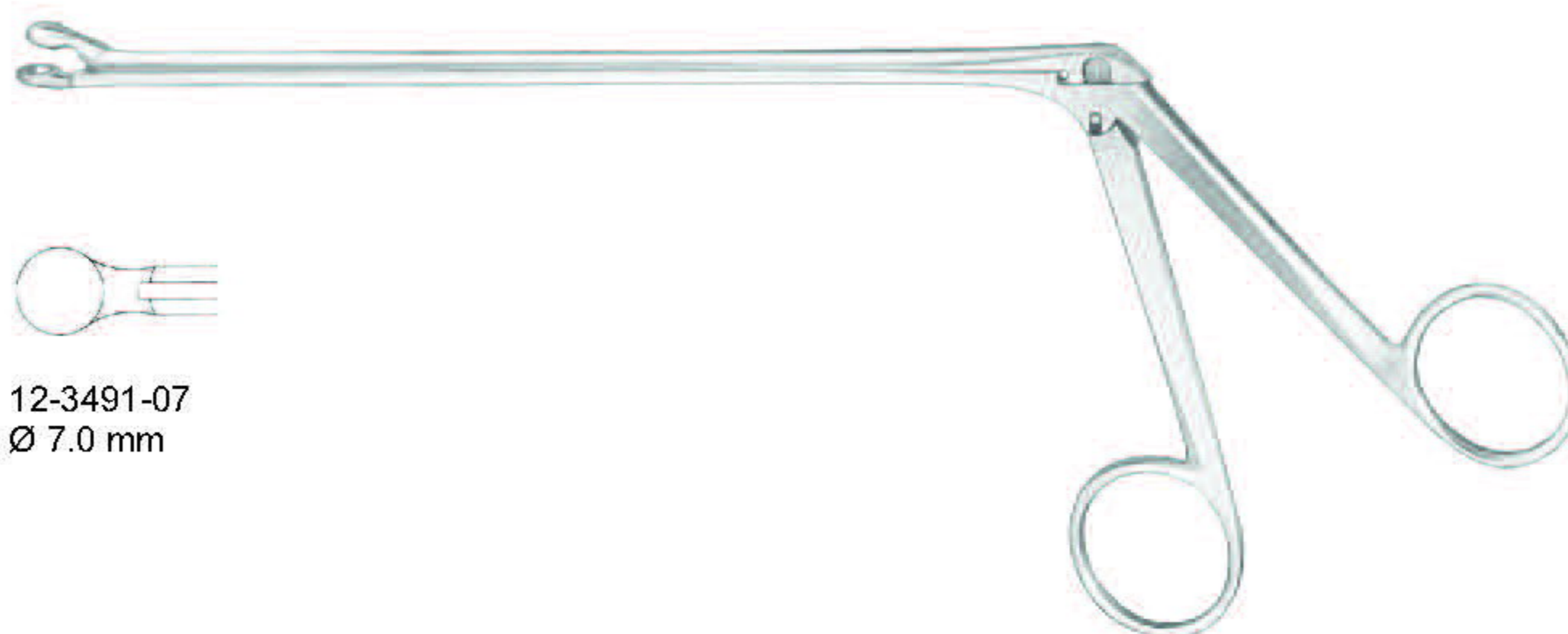
12-3490-03
 Ø 3.5 mm

YASARGIL



12-3491-09
 Ø 9.0 mm

LANDOLT
 Tumor grasping forceps, blunt



12-3491-07
 Ø 7.0 mm

OLDBERG

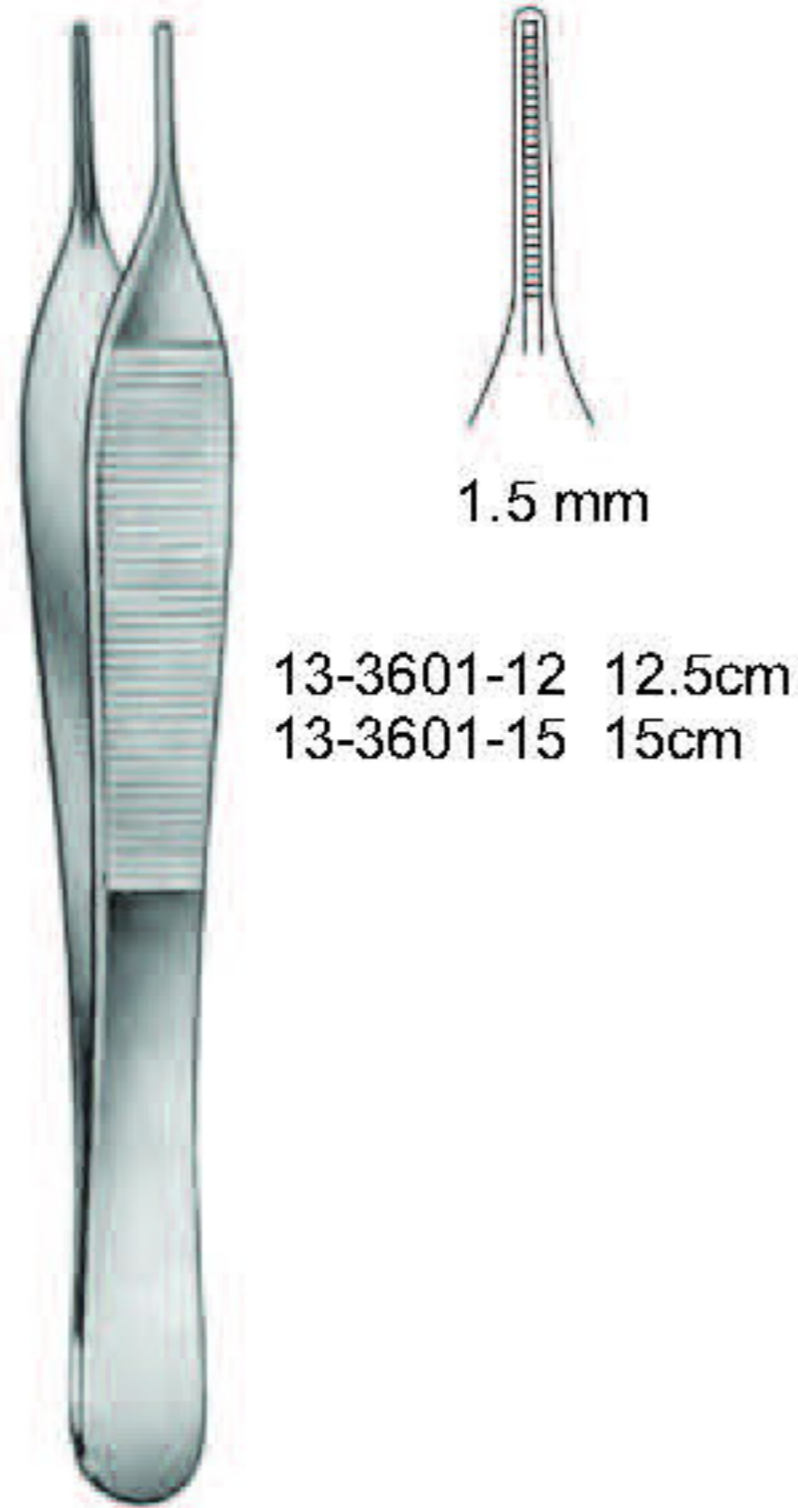
- EN** Cardiovascular Surgery
- DE** Herz- und Gefäßchirurgie
- ES** Cirugía cardiovascular
- FR** Chirurgie cardiovasculaire
- IT** Chirurgia cardiovascolare

Page 149 to 185



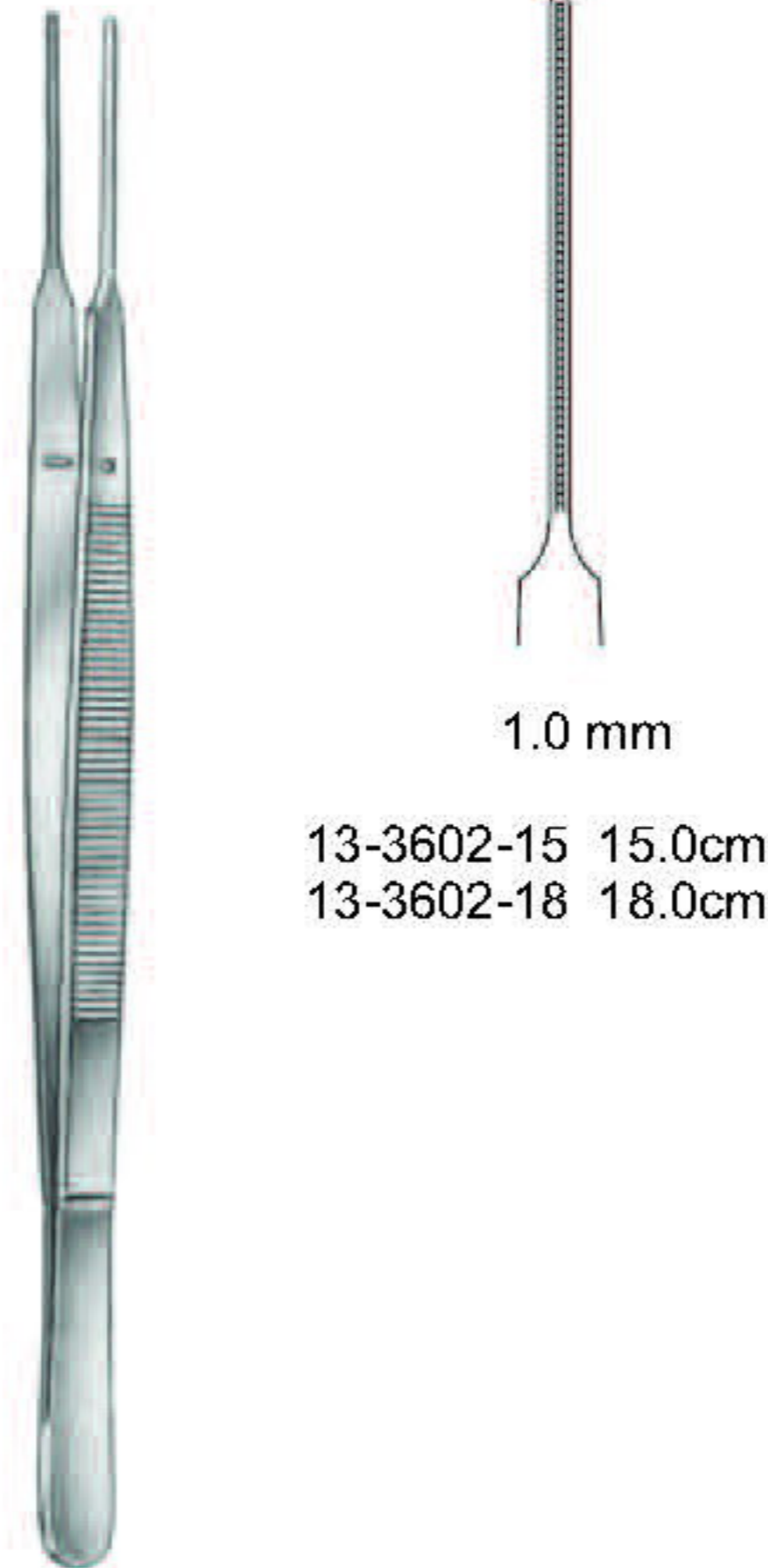
EN	Atrauma Tissue Forceps
DE	Atrauma Pinzetten
ES	Pinzas de disección Atrauma
FR	Atrauma Tissue Forceps
IT	Pinze per tessuti Atrauma

CARDIOVASCULAR



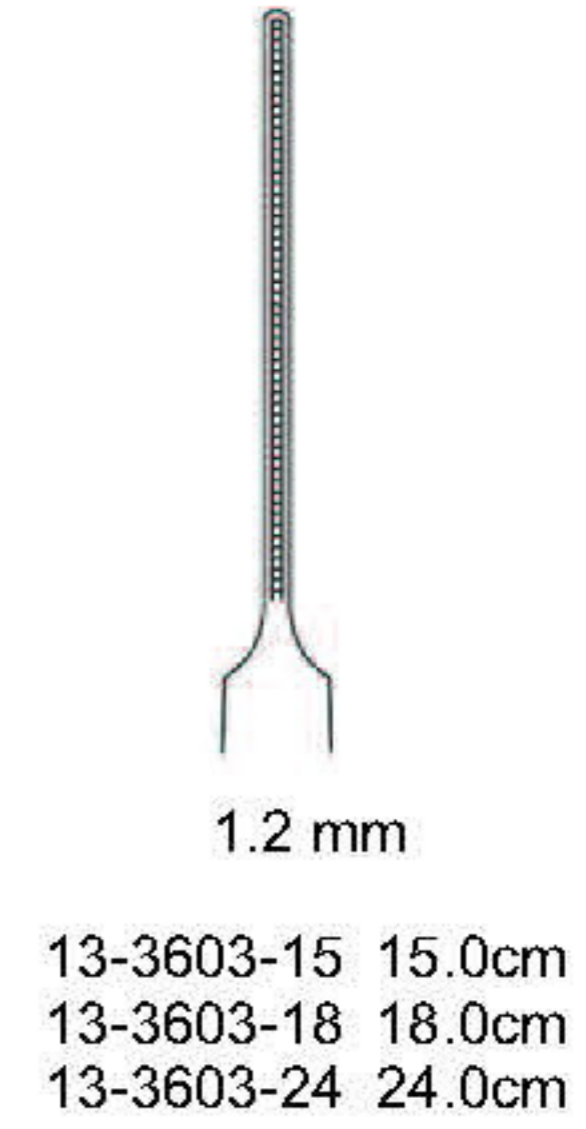
13-3601-12 12.5cm
13-3601-15 15cm

DEBAKEY-ADSON

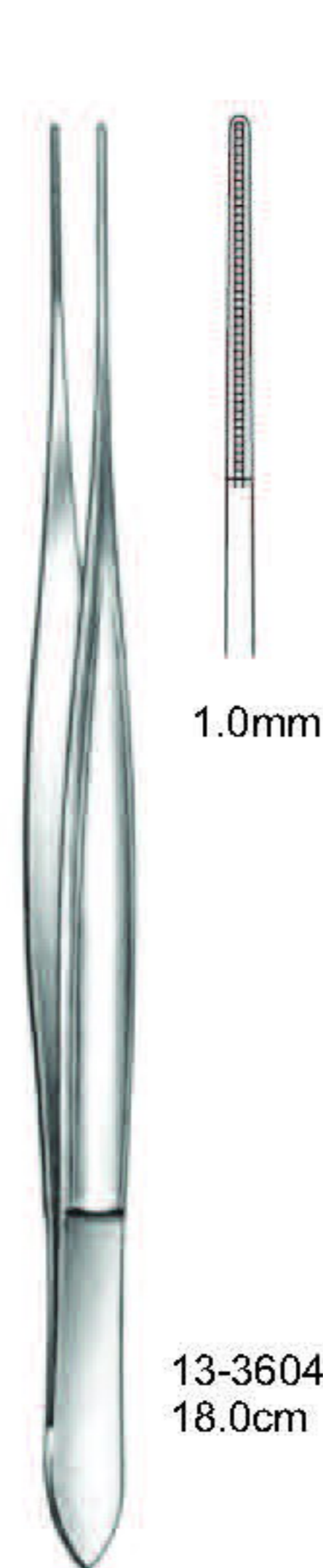


13-3602-15 15.0cm
13-3602-18 18.0cm

DEBAKEY-GERALD

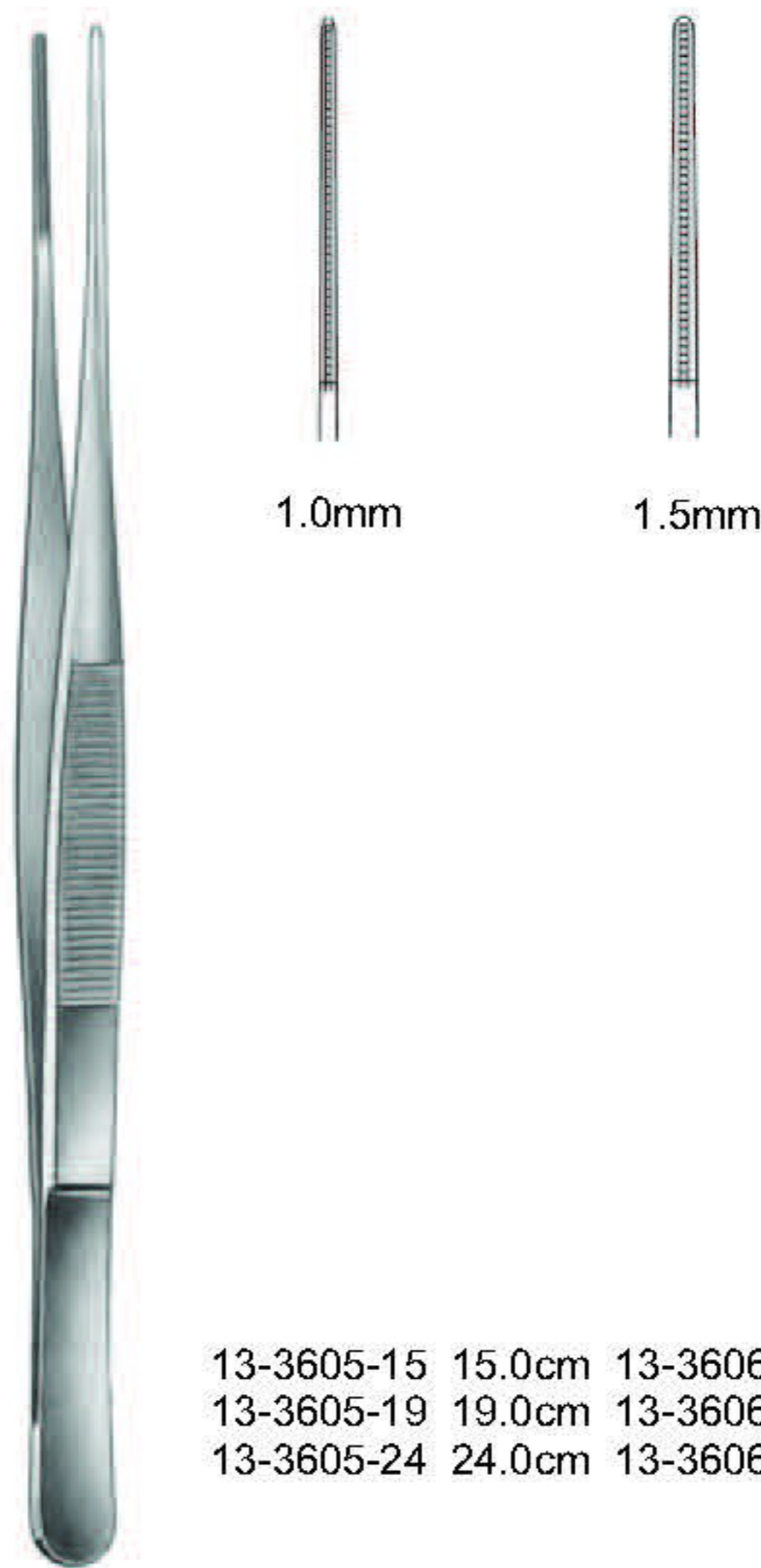


13-3603-15 15.0cm
13-3603-18 18.0cm
13-3603-24 24.0cm



13-3604-18
18.0cm

DEBAKEY-CUSHING



13-3605-15 15.0cm 13-3606-15
13-3605-19 19.0cm 13-3606-19
13-3605-24 24.0cm 13-3606-24

DEBAKEY-DIETRICH

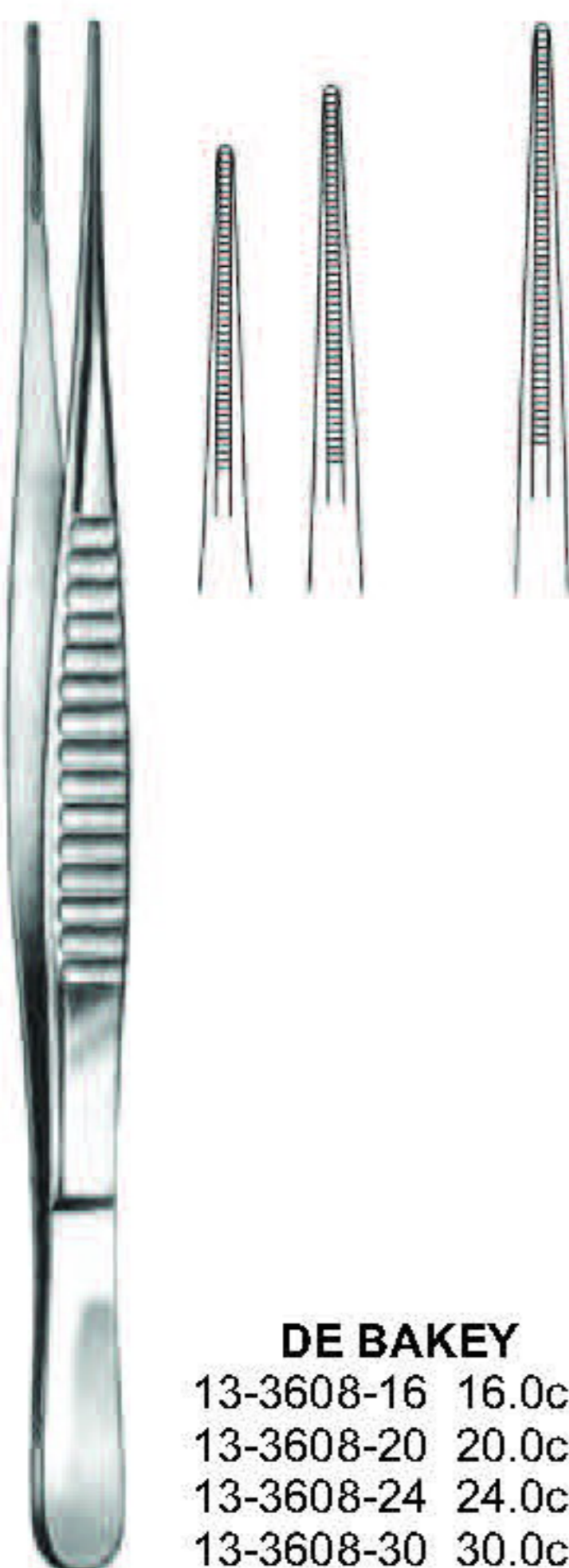


13-3607-15 15.0cm
13-3607-19 19.0cm
13-3607-24 24.0cm

DEBAKEY-LIGHT

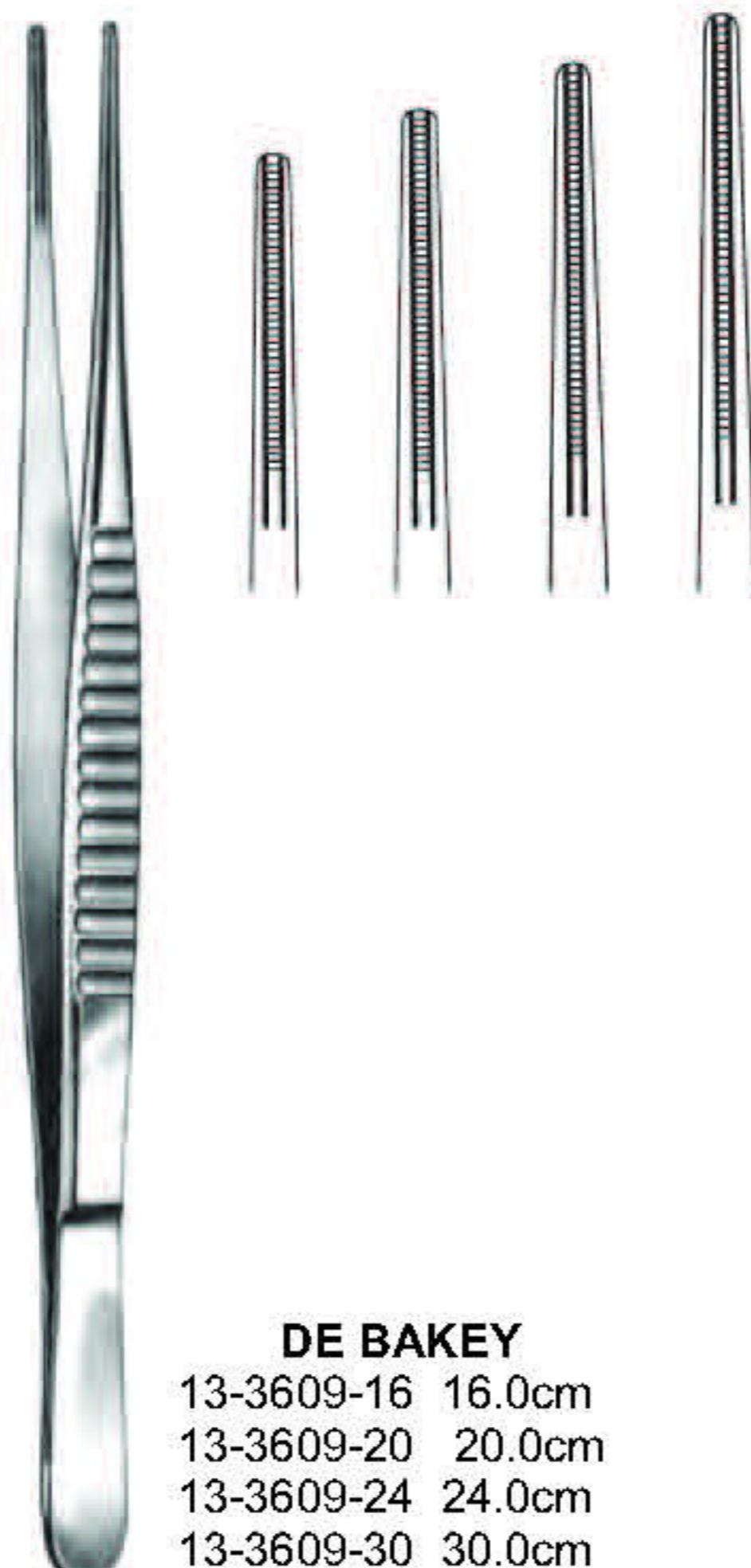
Also available in titanium

1.5 mm



DE BAKEY
13-3608-16 16.0cm
13-3608-20 20.0cm
13-3608-24 24.0cm
13-3608-30 30.0cm

2.0 mm



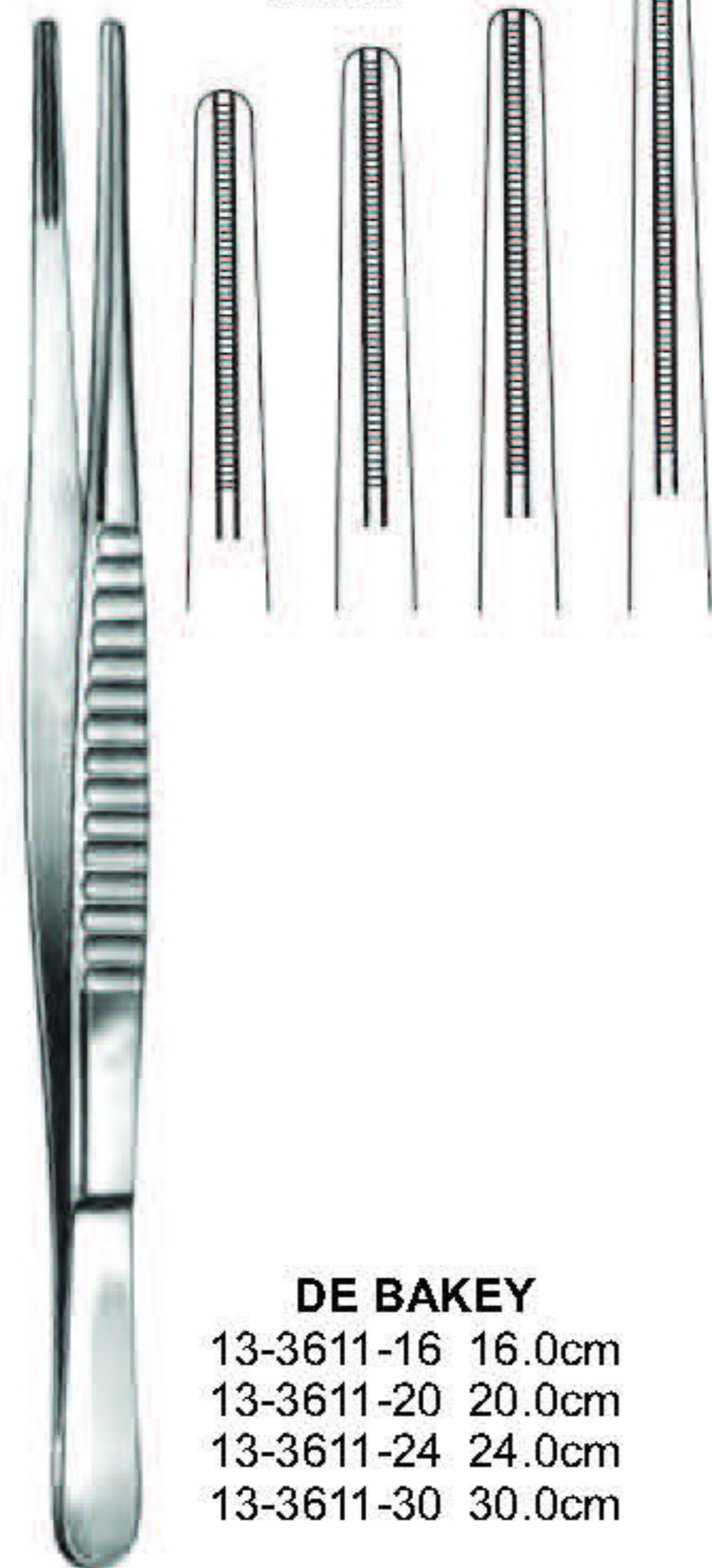
DE BAKEY
13-3609-16 16.0cm
13-3609-20 20.0cm
13-3609-24 24.0cm
13-3609-30 30.0cm

2.7 mm



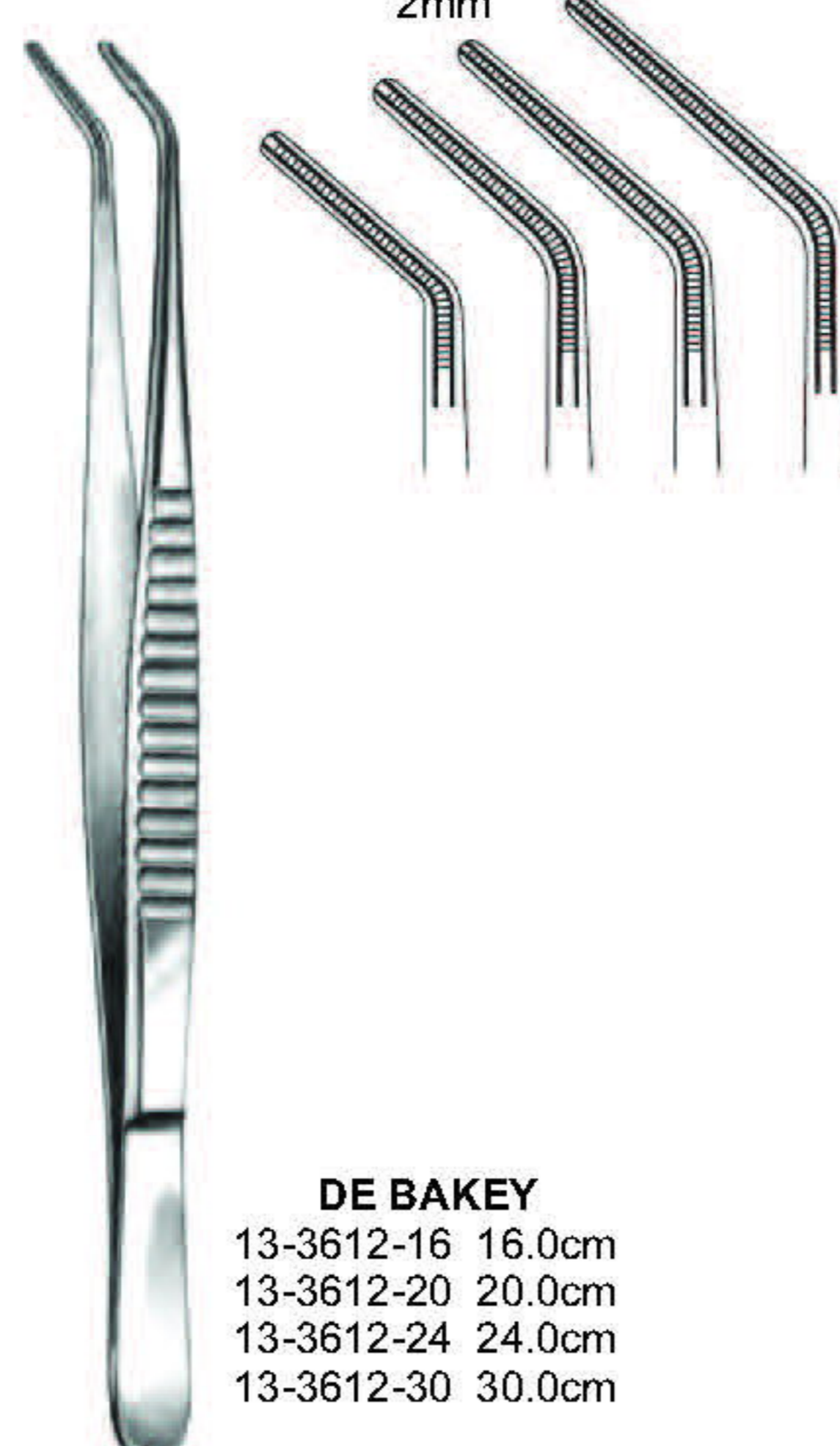
DE BAKEY
13-3610-16 16.0cm
13-3610-20 20.0cm
13-3610-24 24.0cm
13-3610-30 30.0cm

3.5mm



DE BAKEY
13-3611-16 16.0cm
13-3611-20 20.0cm
13-3611-24 24.0cm
13-3611-30 30.0cm

2mm



DE BAKEY
13-3612-16 16.0cm
13-3612-20 20.0cm
13-3612-24 24.0cm
13-3612-30 30.0cm

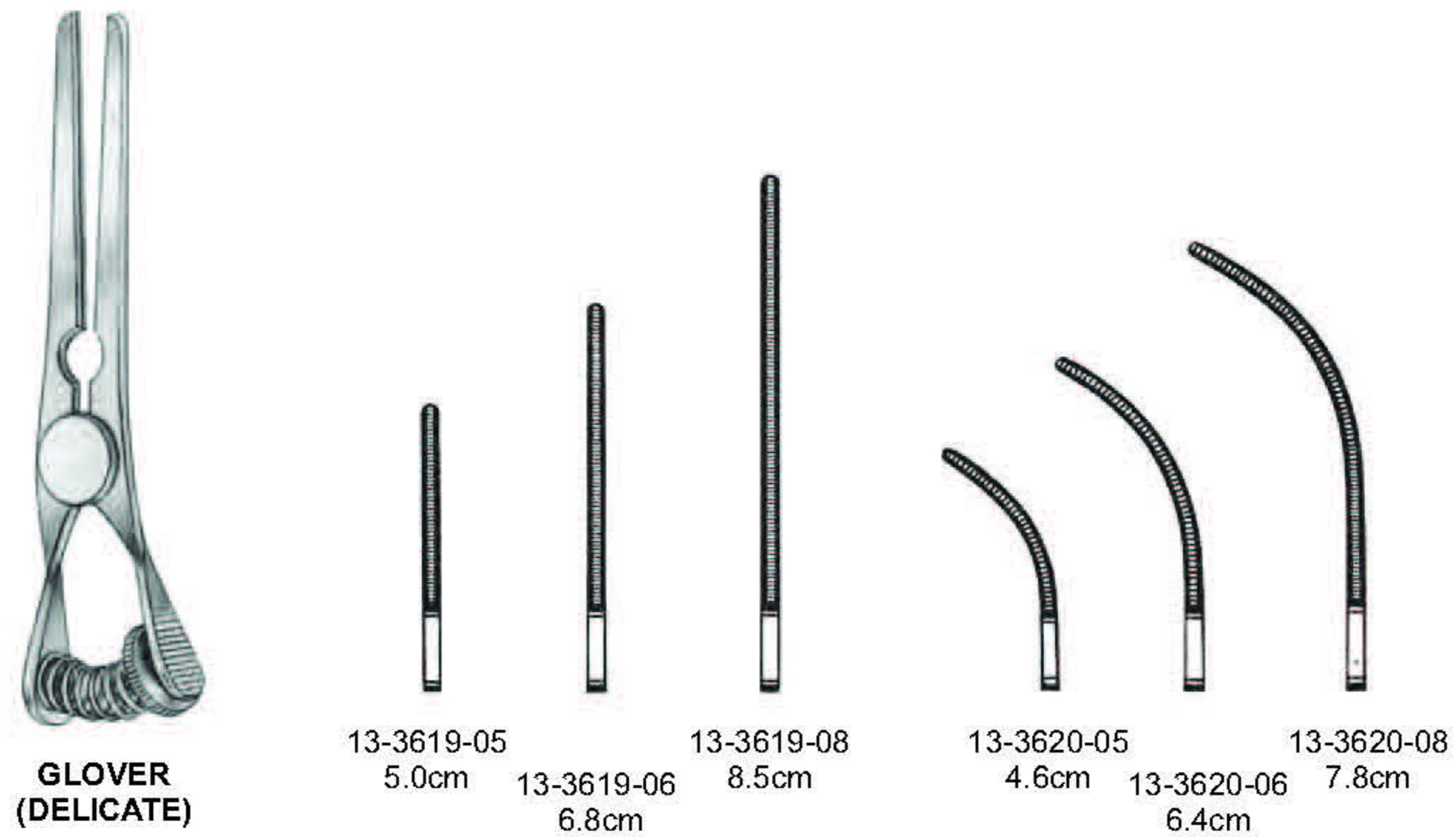
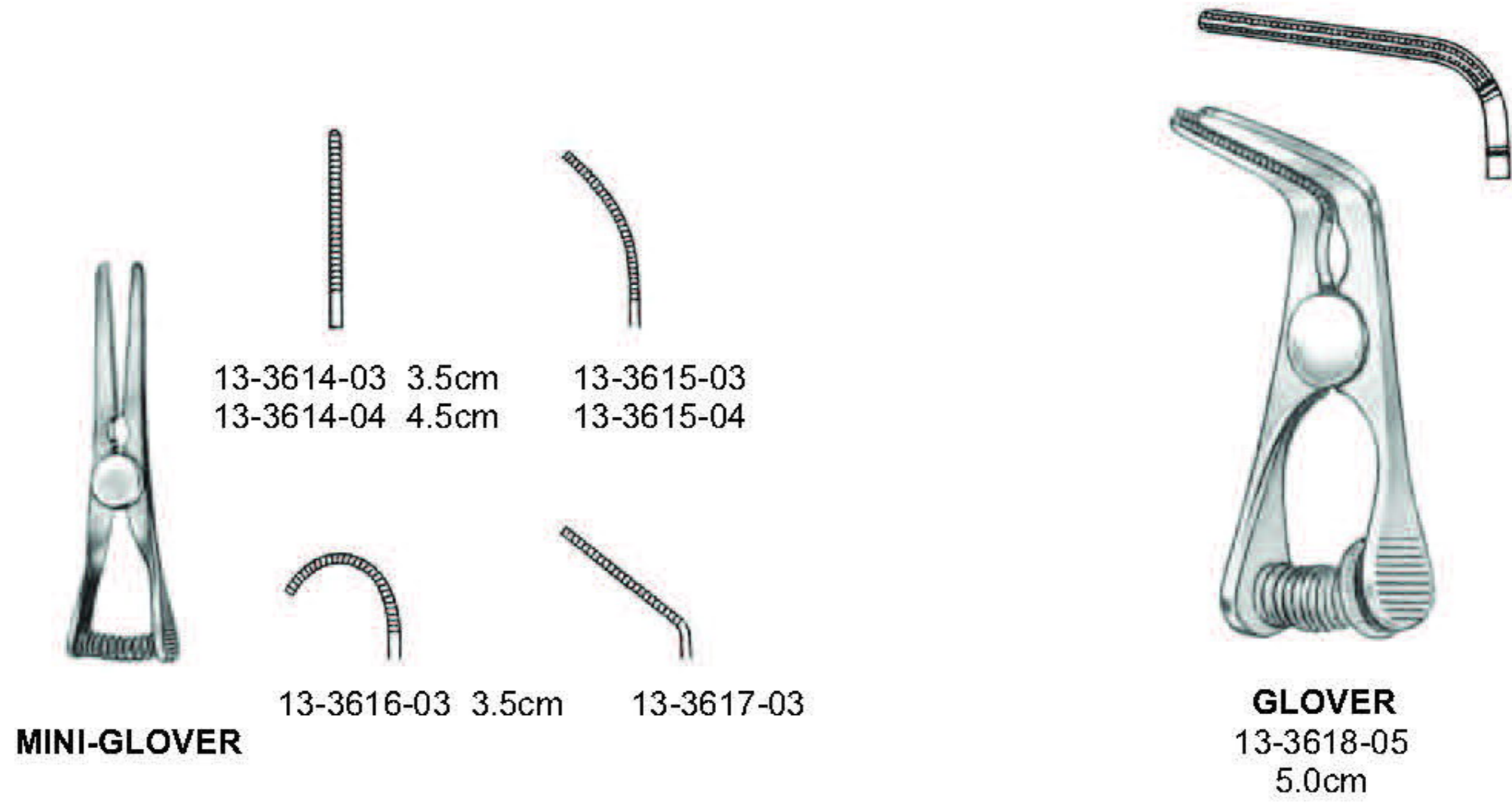
2.7mm



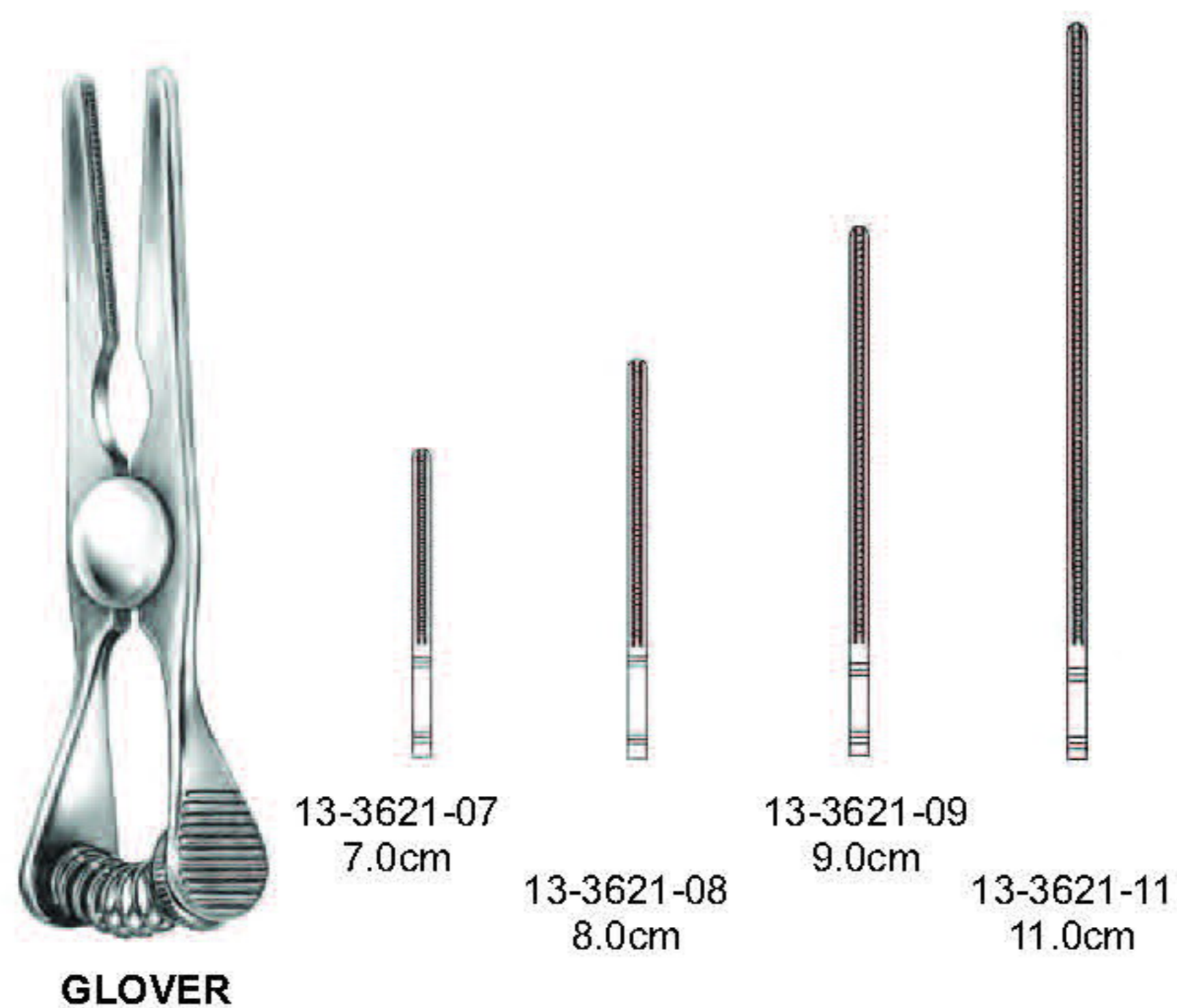
DE BAKEY
13-3613-16 16.0cm
13-3613-20 20.0cm
13-3613-24 24.0cm
13-3613-30 30.0cm

EN	Atrauma Bulldog Clamps
DE	Atrauma Bulldogklemmen
ES	Atrauma Clamps Bulldog
FR	Colliers Atrauma Bulldog
IT	Morsetti Bulldog Atrauma

Also available in titanium



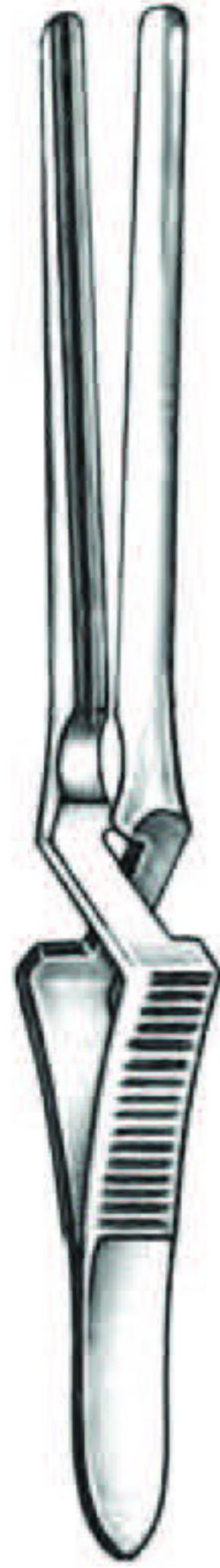
Also available in titanium



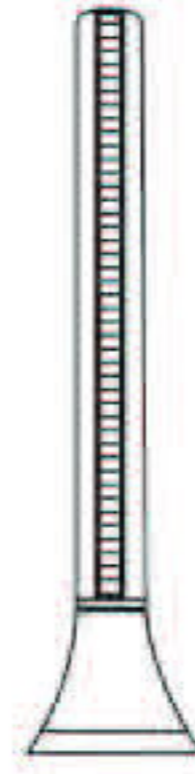
EN	Atrauma Bulldog Clamps
DE	Atrauma Bulldogklemmen
ES	Atrauma Clamps Bulldog
FR	Colliers Atrauma Bulldog
IT	Morsetti Bulldog Atrauma

Also available in titanium

CARDIOVASCULAR



GREGORY SOFT



13-3632-09
9.0cm



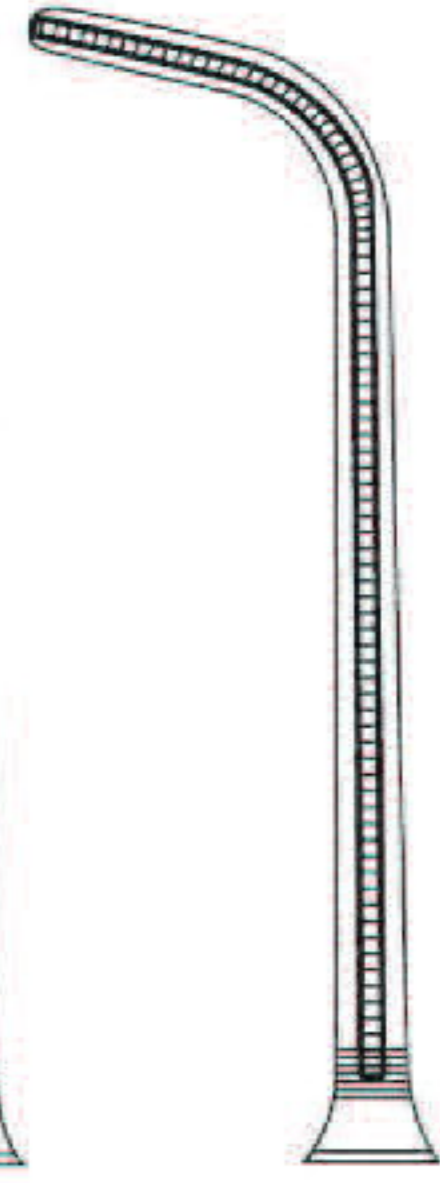
13-3632-11
11.0cm



GREGORY SOFT



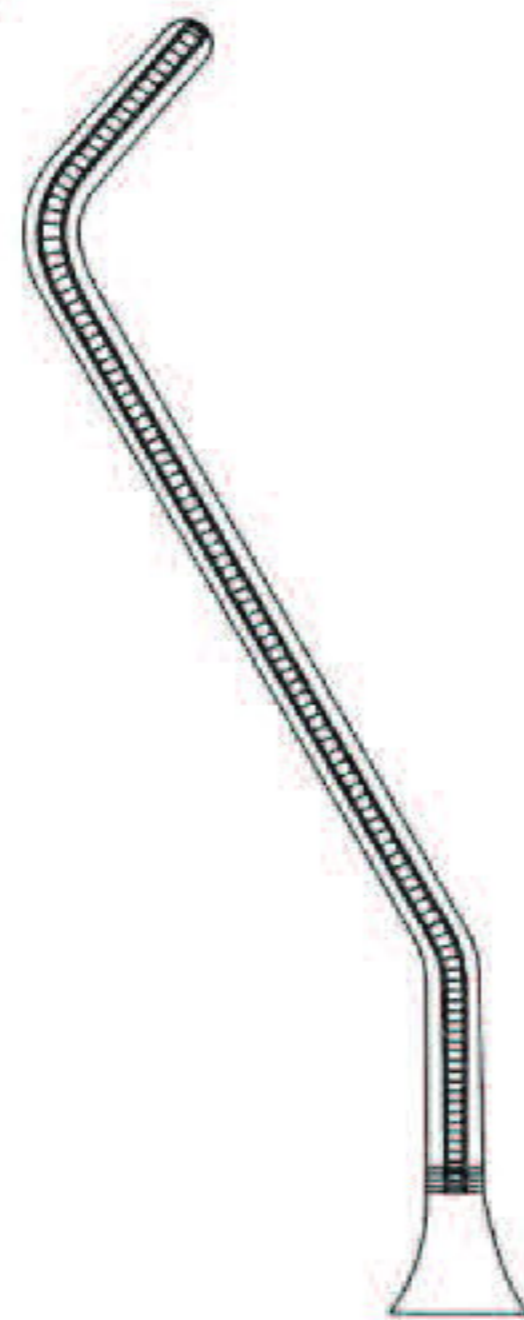
13-3633-09
9.0cm



13-3633-11
11.0cm



GREGORY SOFT
11.0cm



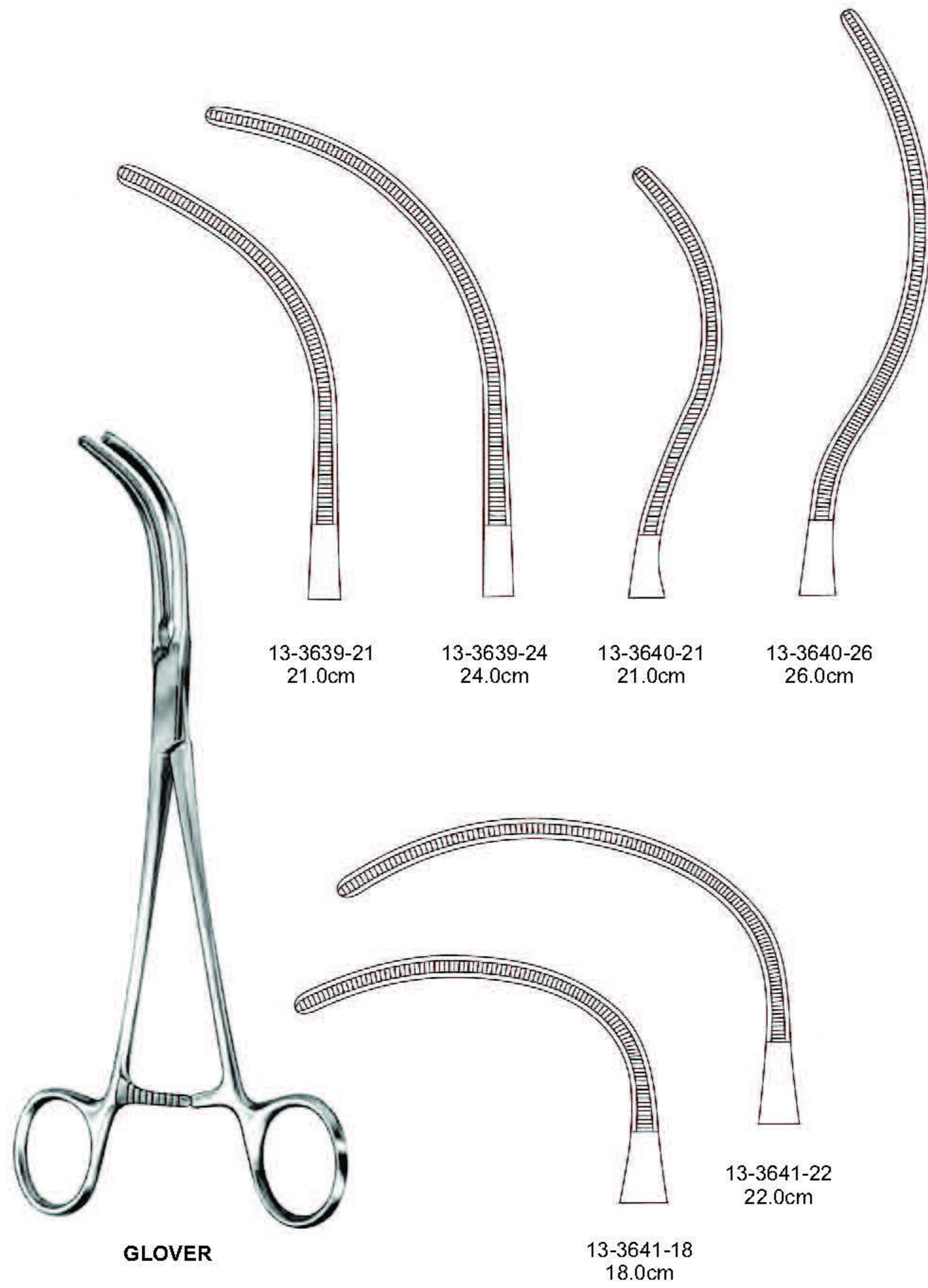
13-3634-01



13-3634-02



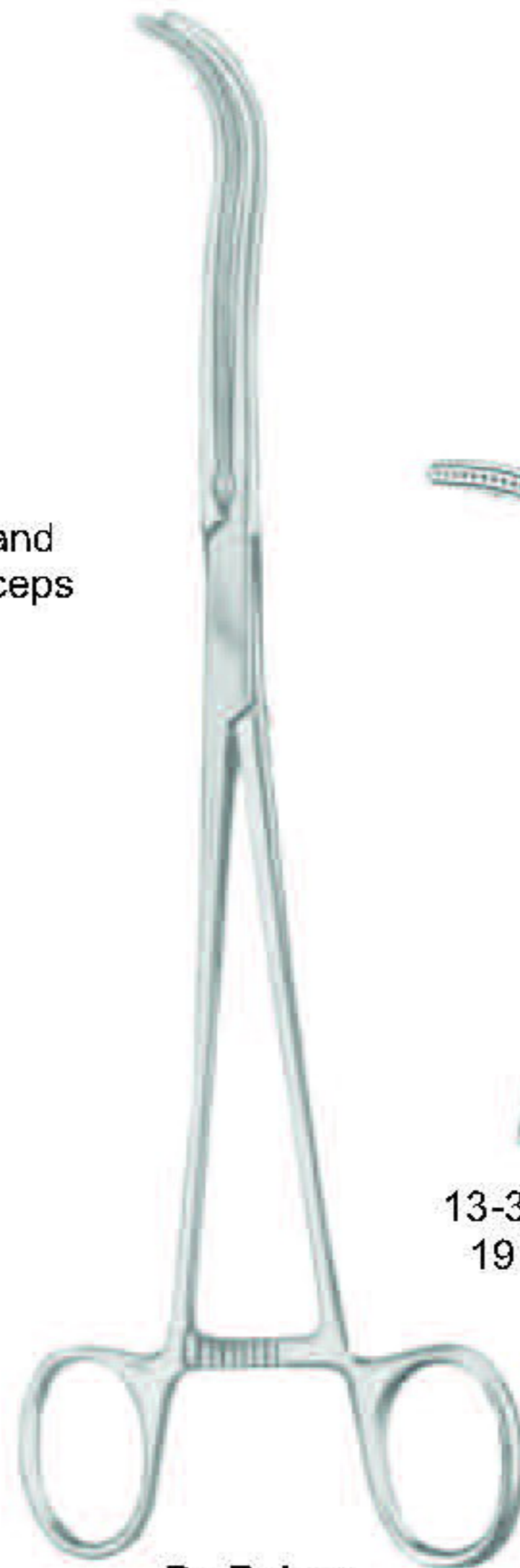
SANTULLI
13-3635-07
7.0cm



EN	Atrauma Cardiovascular Forceps
DE	Atrauma cardiovascular-klemmen
ES	Atrauma pinzas-clamps cardiovasculares
FR	Pince cardiovasculaire Atrauma
IT	Pinza cardiovascolare Atrauma

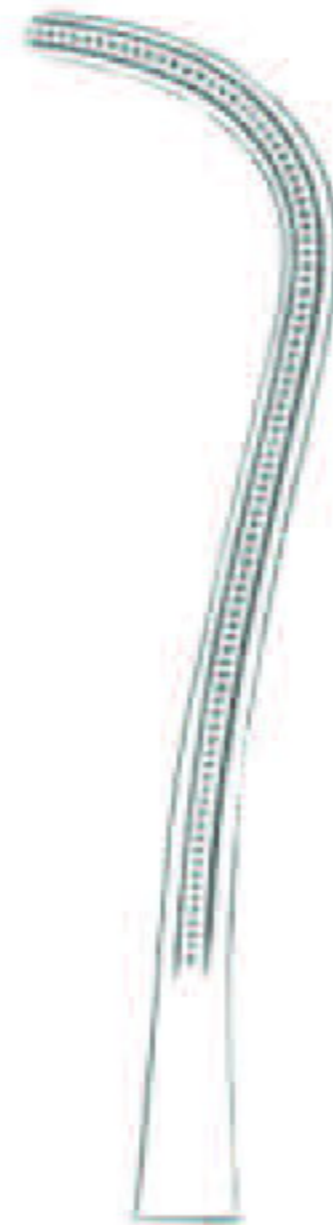
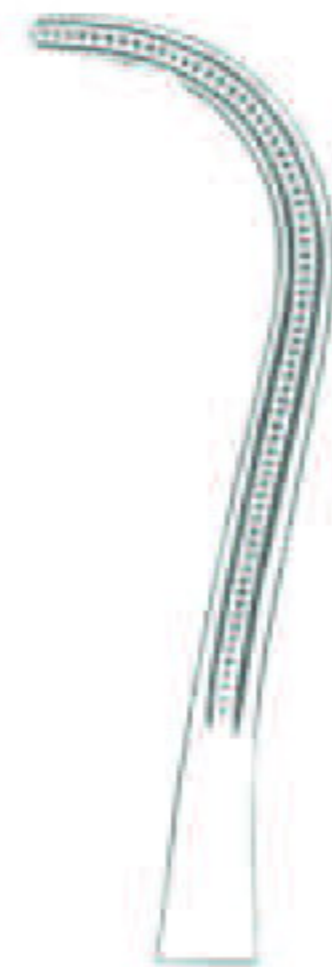
CARDIOVASCULAR

Dissecting and Ligature Forceps



De Bakey

13-3643-19
19 cm/8"



13-3643-23
23 cm/9 1/2"



De Bakey

13-3644-20
20 cm/8"



13-3644-18
18 cm/7 1/2"



De Bakey

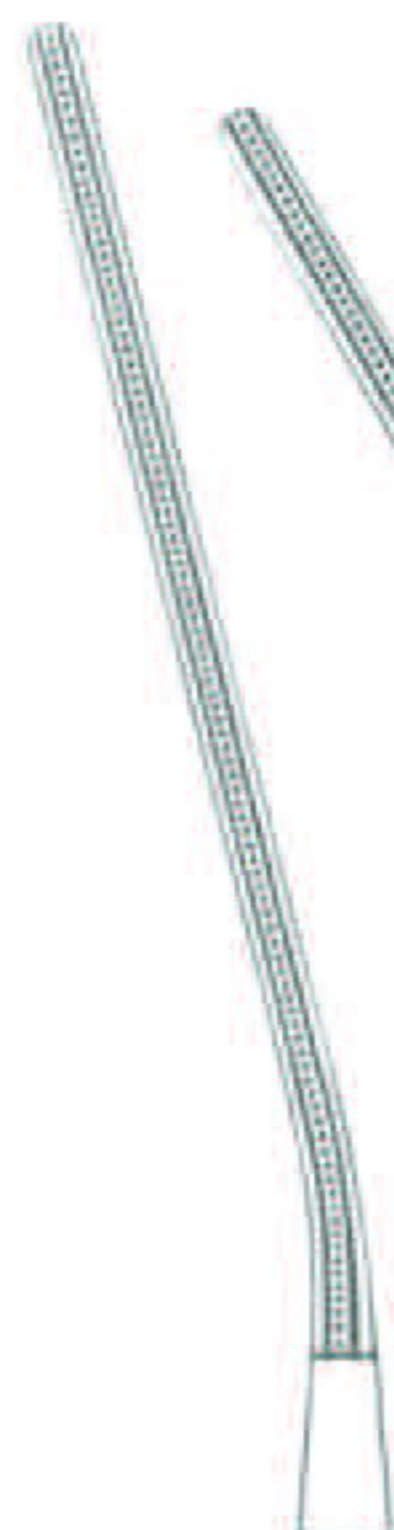


Leland-Jones

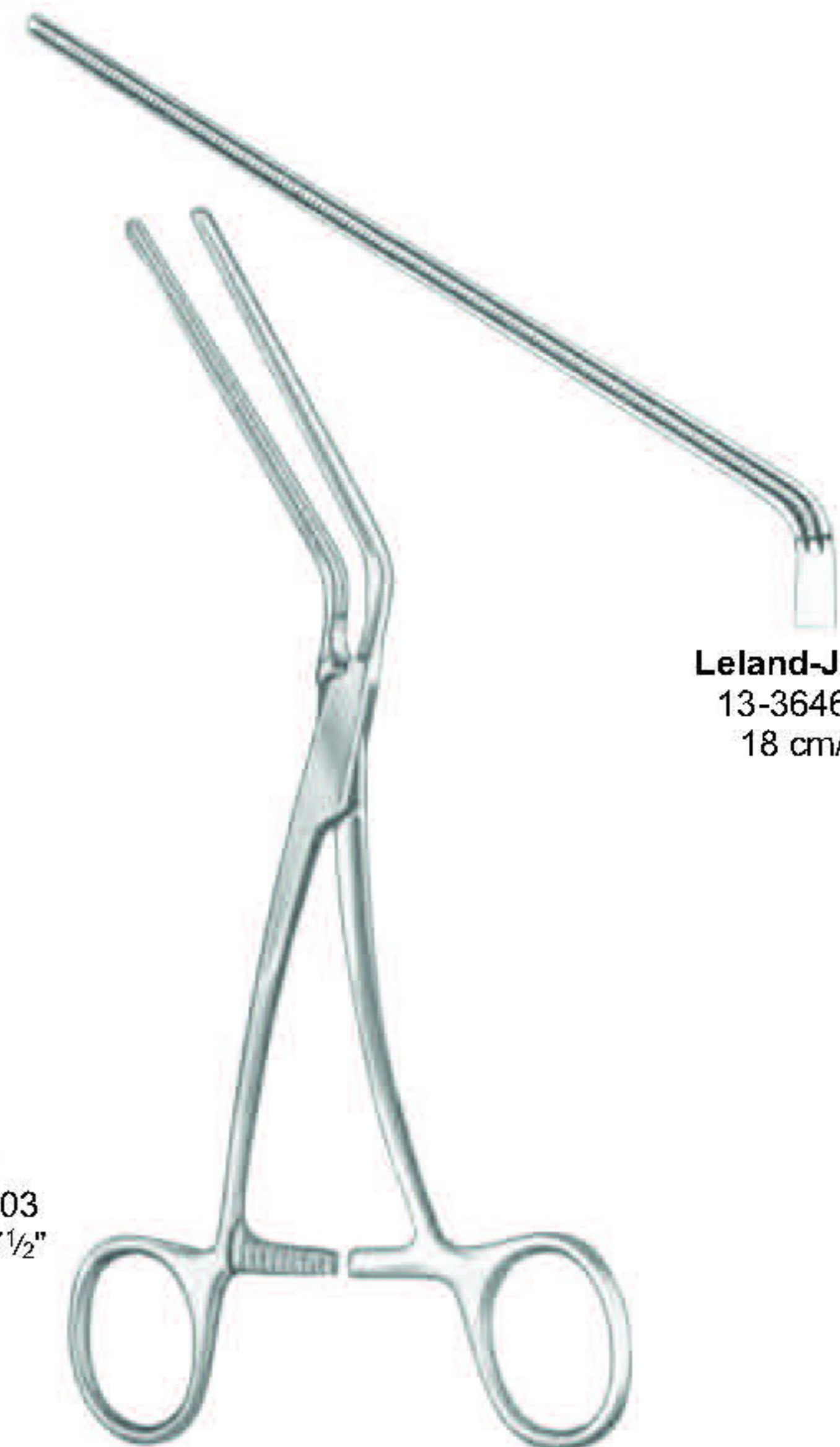
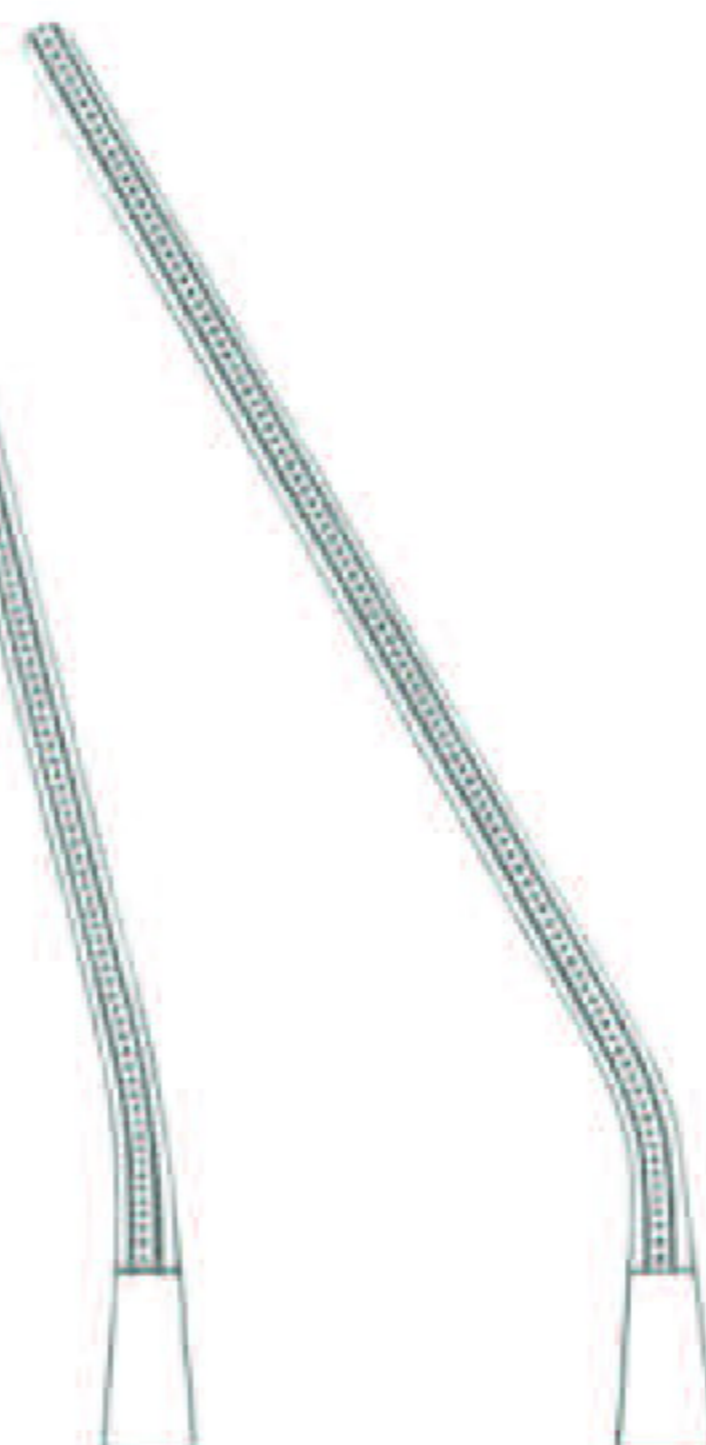
13-3645-01
19.5 cm/7 1/2"



13-3645-02
19.5 cm/7 1/2"



13-3645-03
19.5 cm/7 1/2"



Leland-Jones
13-3646-18
18 cm/7"

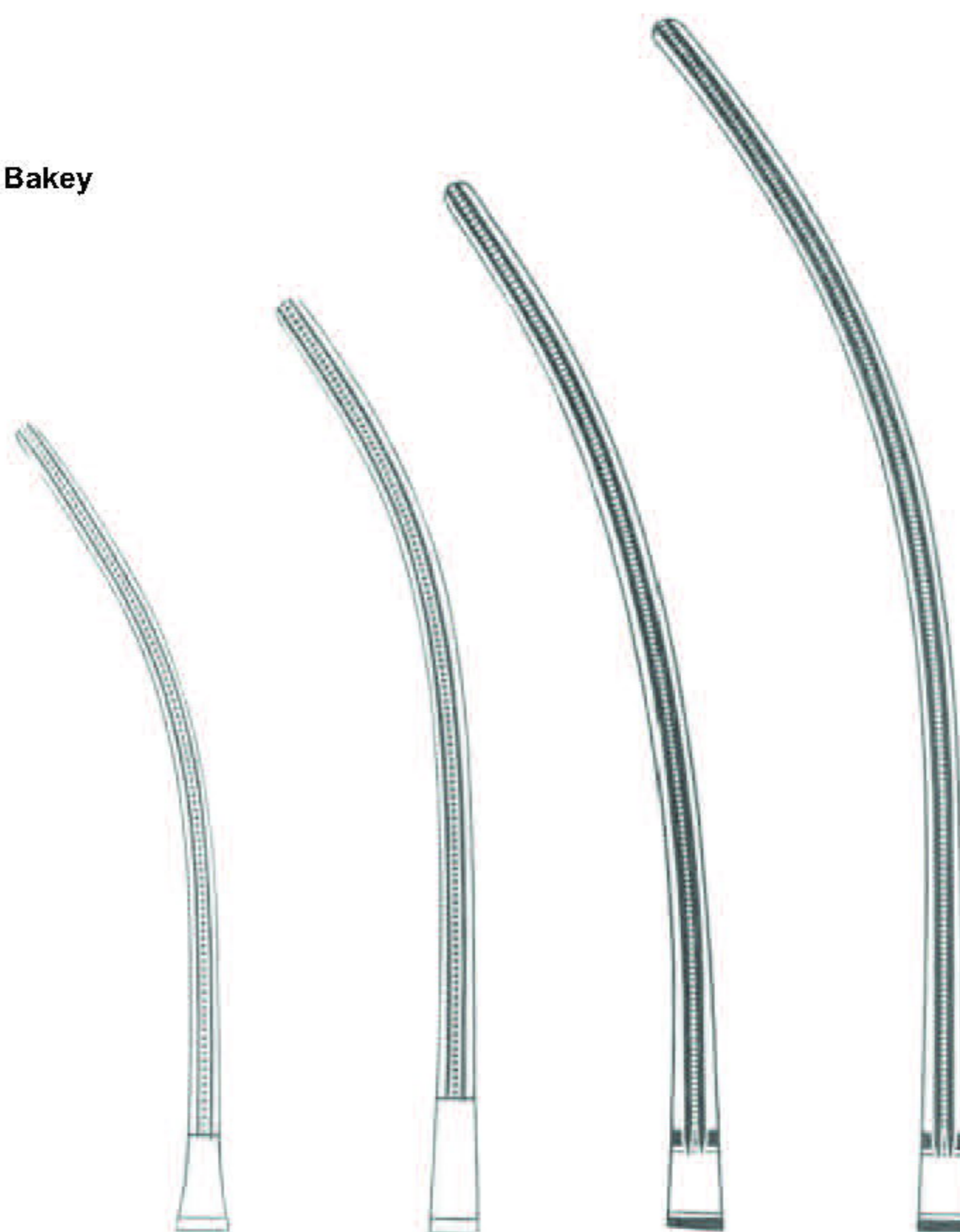
Aortic Aneurysm Clamps



De Bakey



De Bakey



13-3647-24
26 cm/10½"

13-3647-27
27 cm/10½"

13-3647-31
31 cm/12¼"

13-3647-33
33 cm/13¼"



De Bakey-Bainbridge



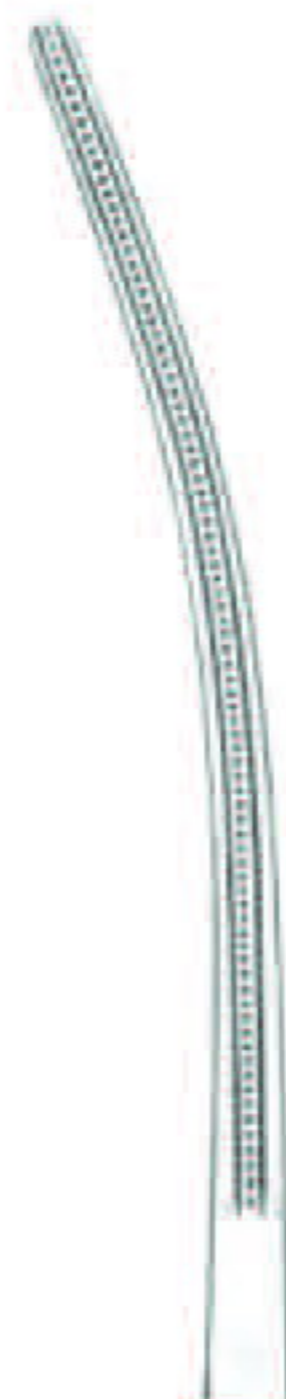
13-3648-15
15 cm/6"



13-3648-18
18 cm/7"



13-3649-15
15 cm/6"



13-3649-18
18 cm/7"



De Bakey
13-3649-20
20 cm/8"

EN	Atrauma Cardiovascular Forceps
DE	Atrauma cardiovascular-klemmen
ES	Atrauma pinzas-clamps cardiovasculares
FR	Pince cardiovasculaire Atrauma
IT	Pinza cardiovascolare Atrauma

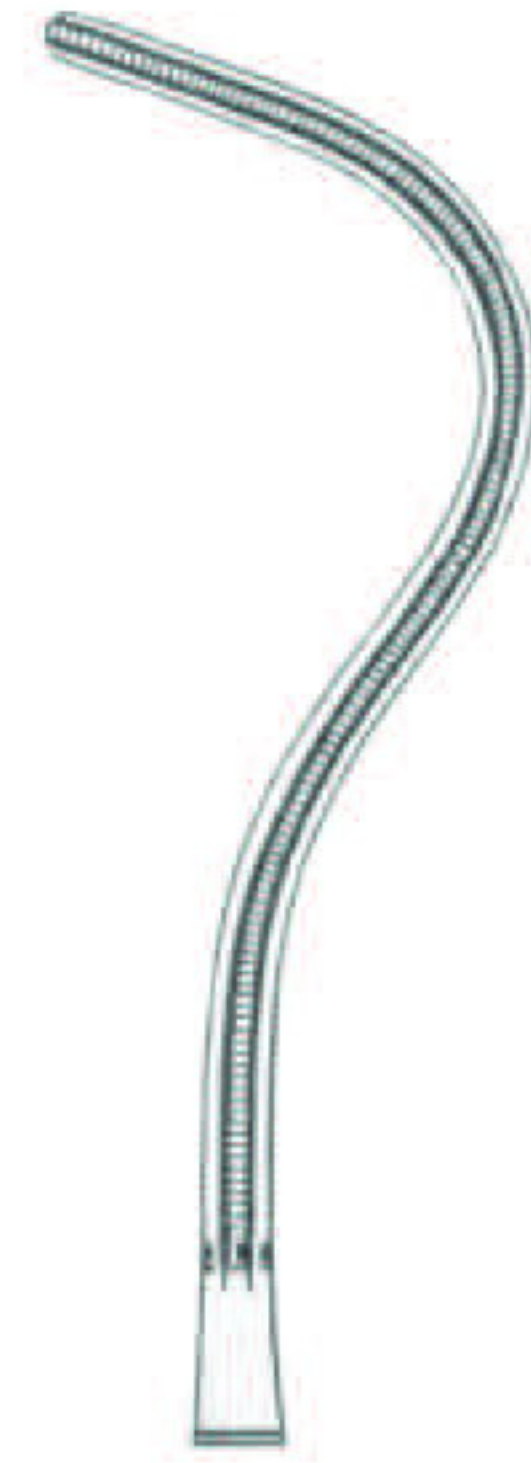
CARDIOVASCULAR



De Bakey



13-3654-01
24 cm/9½"



13-3654-02
24 cm/9½"

Auricle Clamp



Harken



13-3654-03
24 cm/9½"

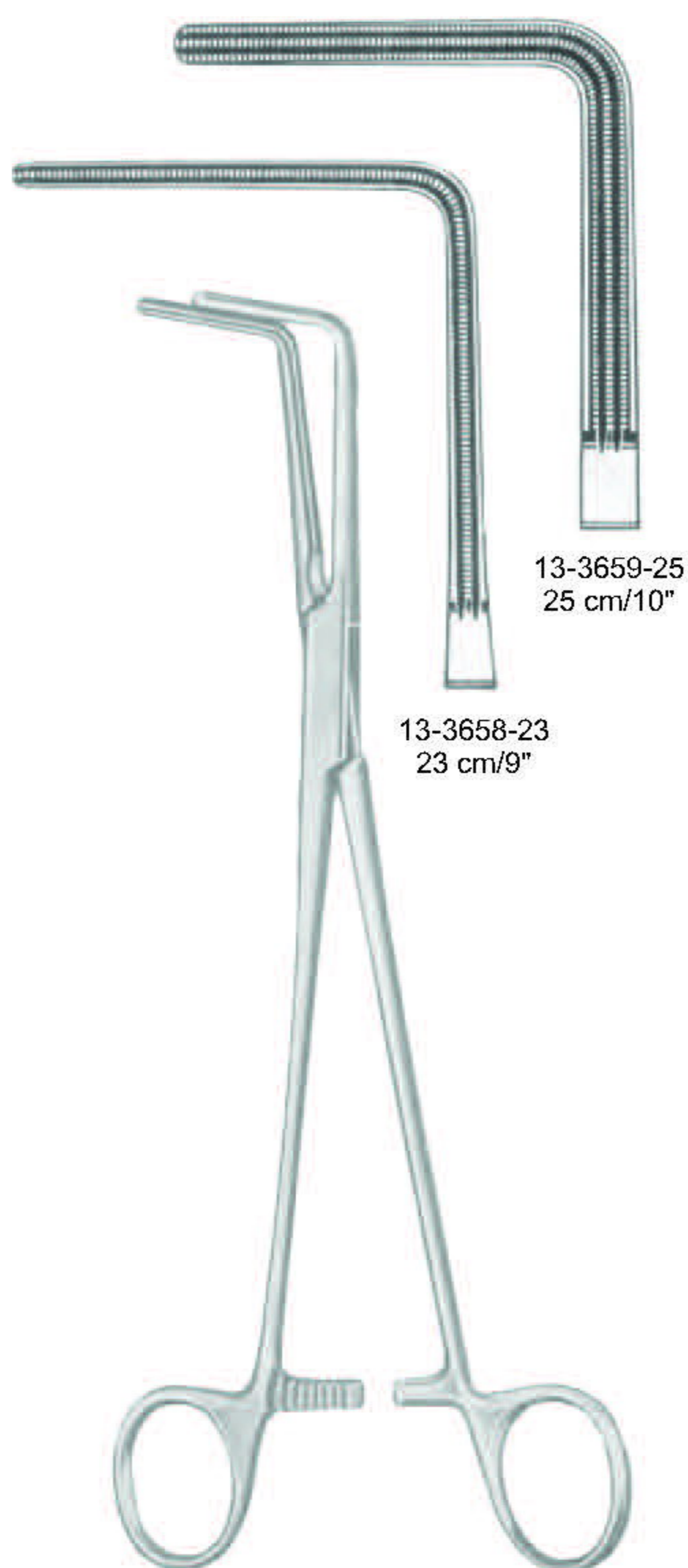


13-3654-04
24 cm/9½"

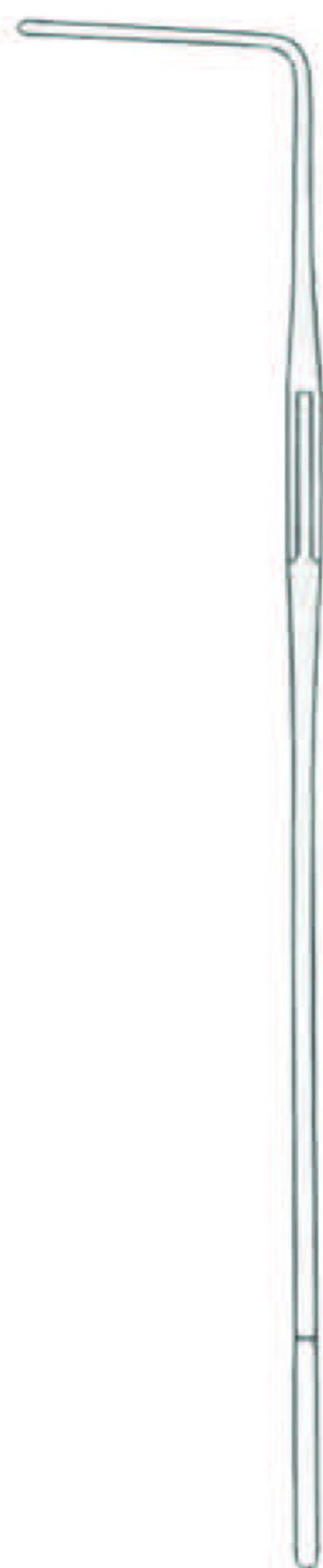


De Bakey

Bronchus Clamps



Lees



Lees
 13-3660-25
 25 cm/10"

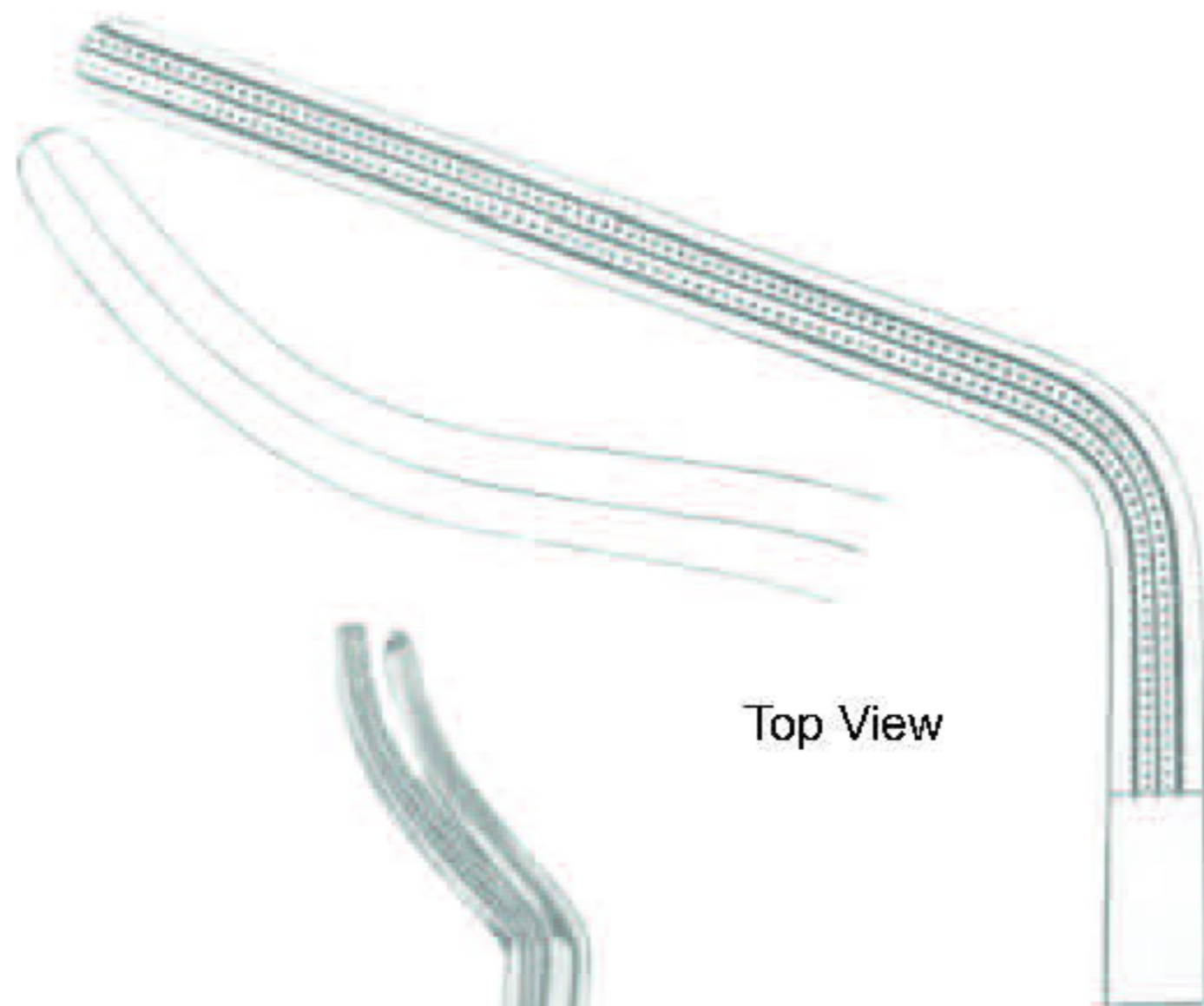
EN	Atrauma Cardiovascular Forceps
DE	Atrauma cardiovascular-klemmen
ES	Atrauma pinzas-clamps cardiovasculares
FR	Pince cardiovasculaire Atrauma
IT	Pinza cardiovascolare Atrauma

CARDIOVASCULAR



De Bakey

Aortic Clamp



Top View



De Bakey
13-3661-27
27 cm/10½"



De Bakey
13-3662-24
24 cm/9½"

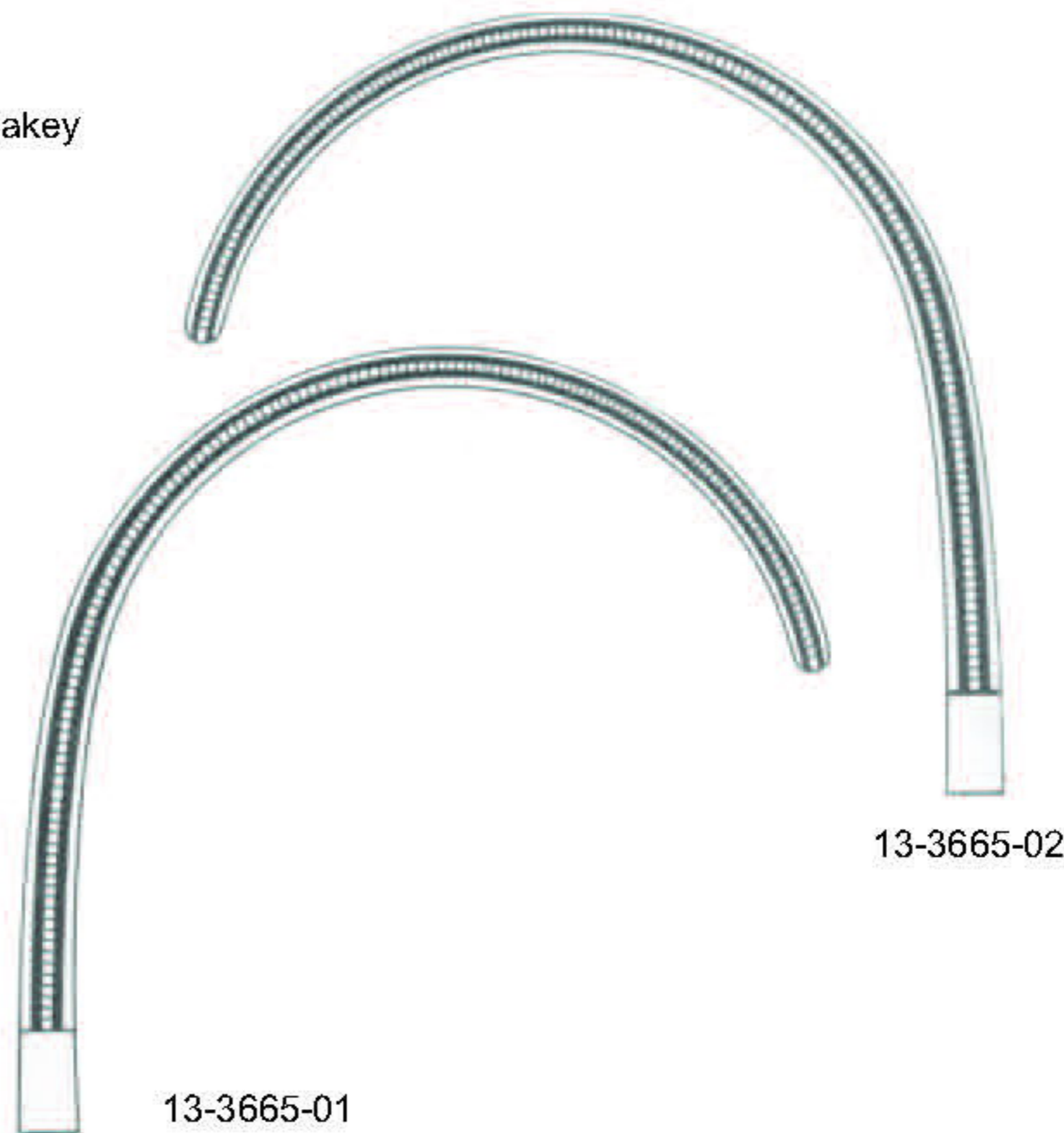
Ligature Clamps



De Bakey
13-3663-24
24 cm/9½"



De Bakey

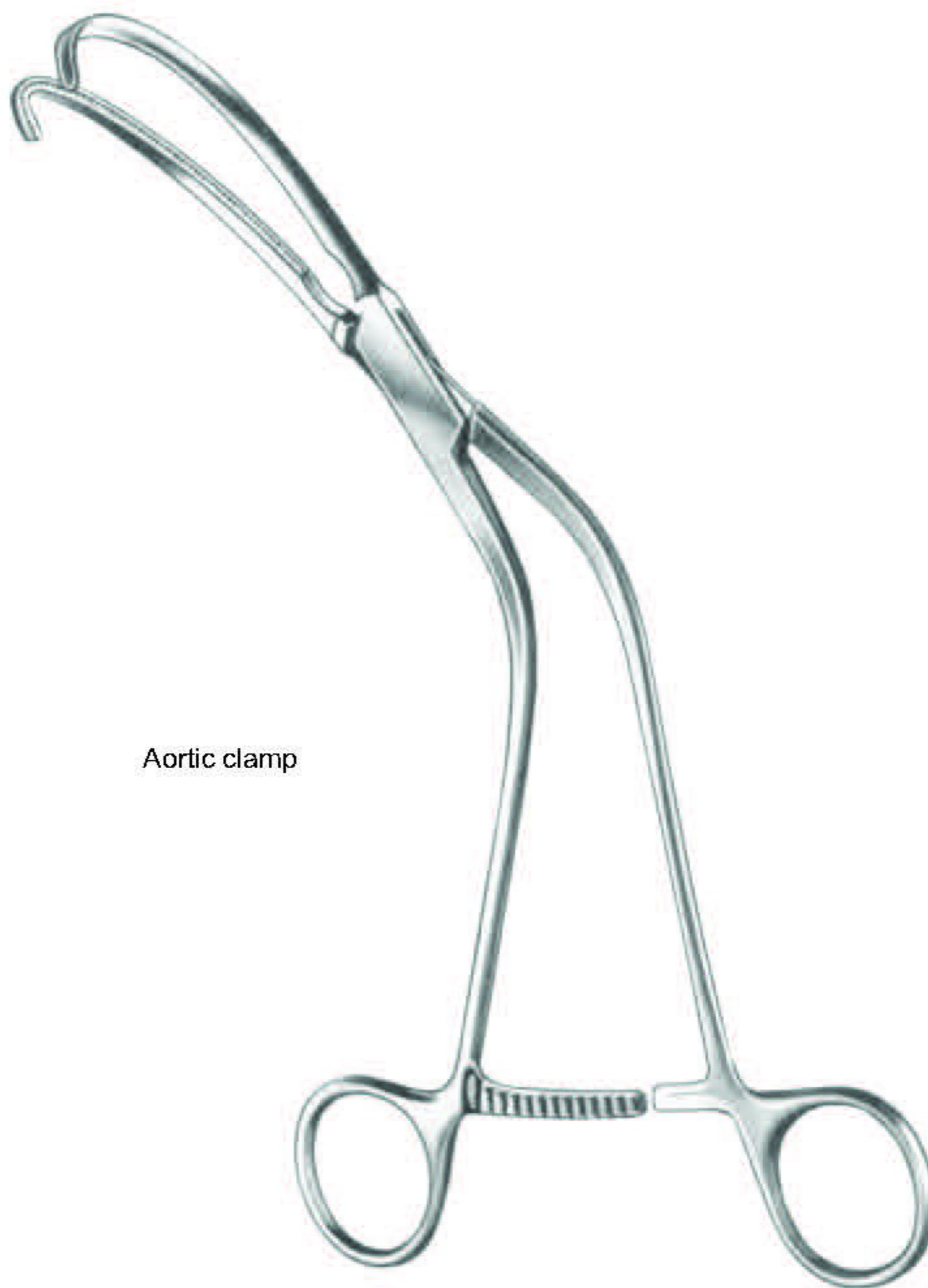


Ligature clamp,
Aortic clamp



De Bakey
 13-3664-26
 26.5 cm/10½"

De Bakey-Semb
 13-3664-25
 25 cm/10"



Aortic clamp

Weber
 26 cm/10¼"

De Bakey-Semb

EN	Atrauma Cardiovascular Forceps
DE	Atrauma cardiovascular-klemmen
ES	Atrauma pinzas-clamps cardiovasculares
FR	Pince cardiovasculaire Atrauma
IT	Pinza cardiovascolare Atrauma

CARDIOVASCULAR



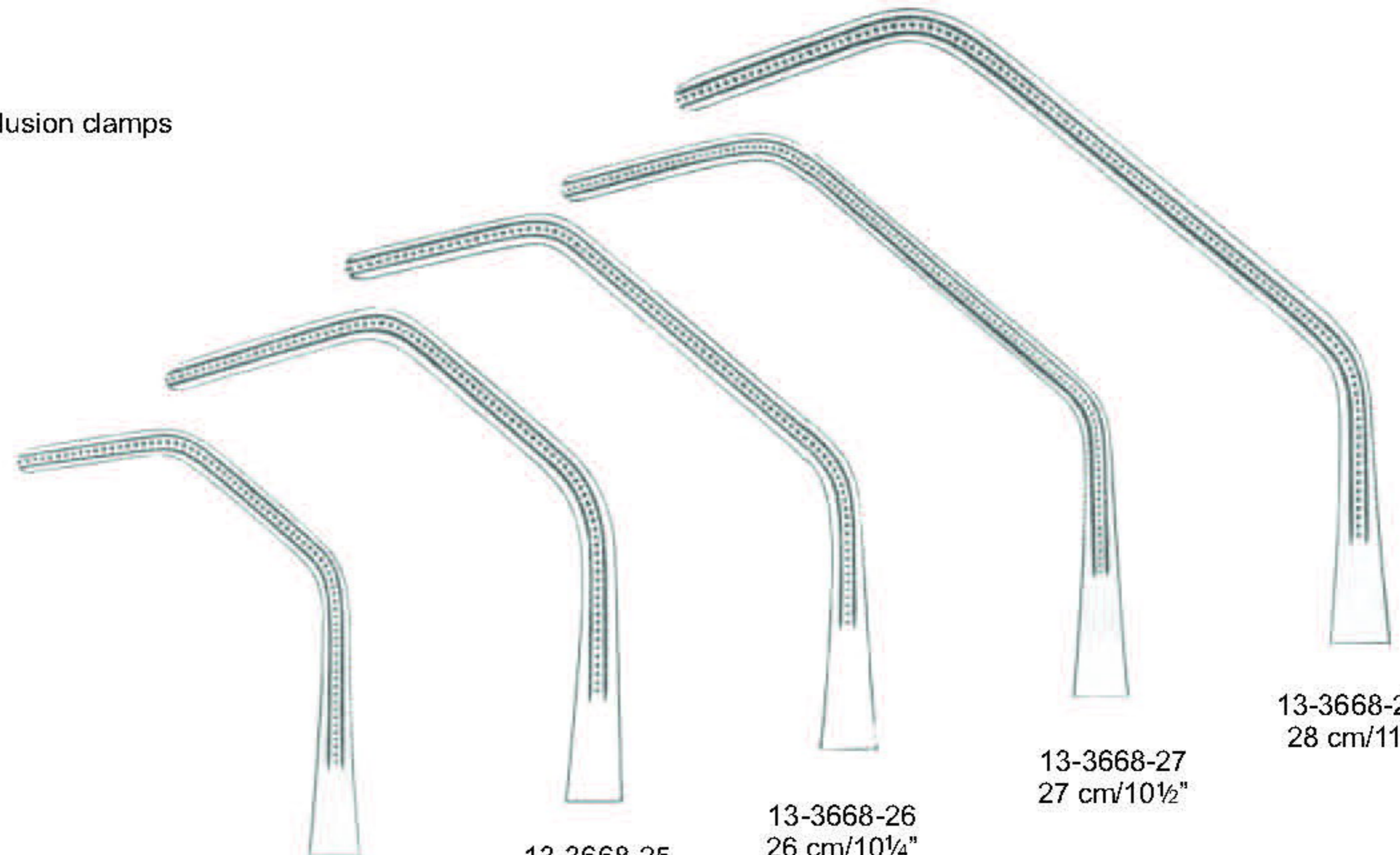
Satinsky/De Bakey

Tangential occlusion clamps

Set of 5 purchase.
13-3668-00



De Bakey



13-3668-20
20 cm/8"

13-3668-25
25 cm/10"

13-3668-26
26 cm/10¼"

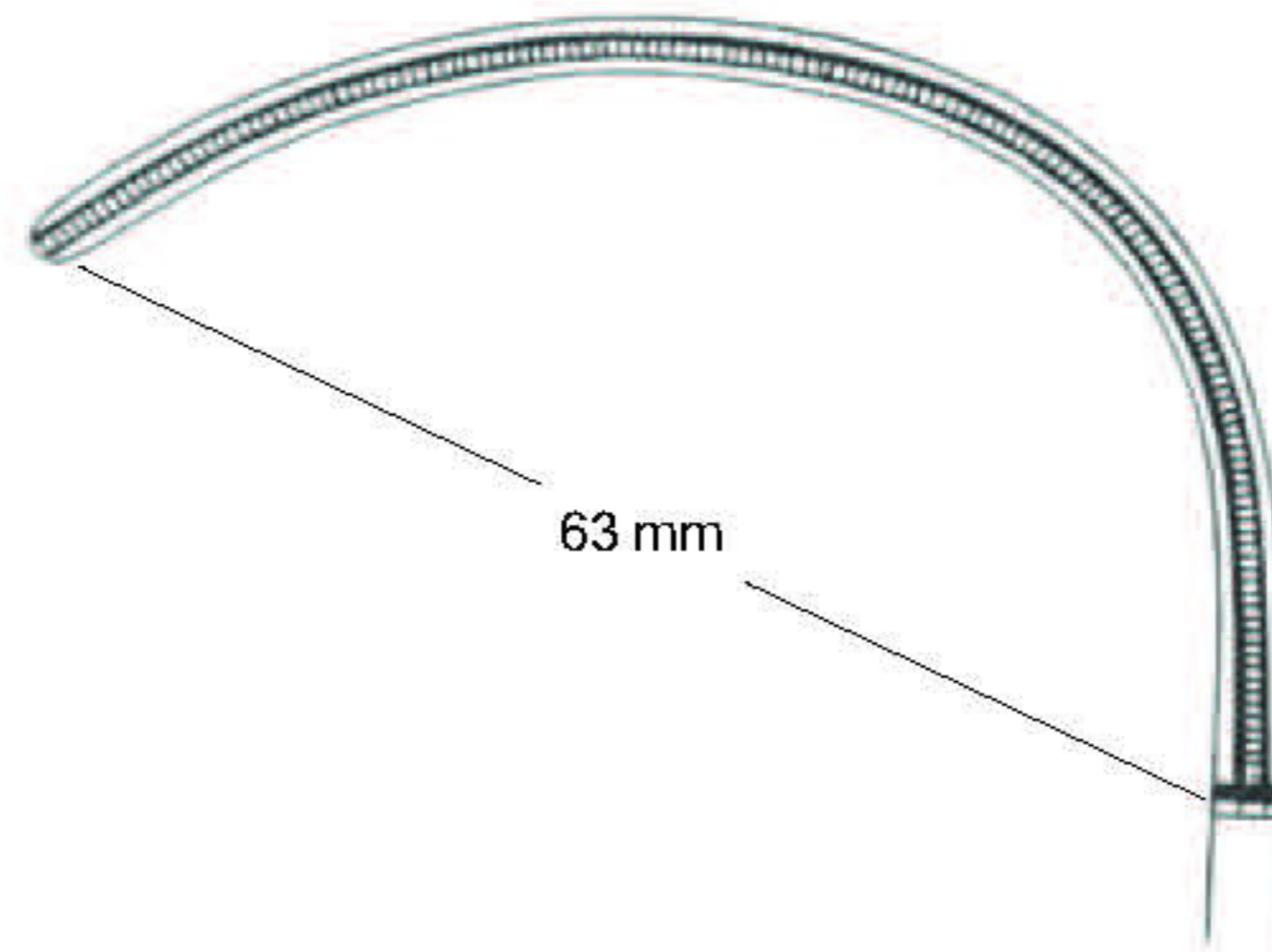
13-3668-27
27 cm/10½"

13-3668-28
28 cm/11"



Glover

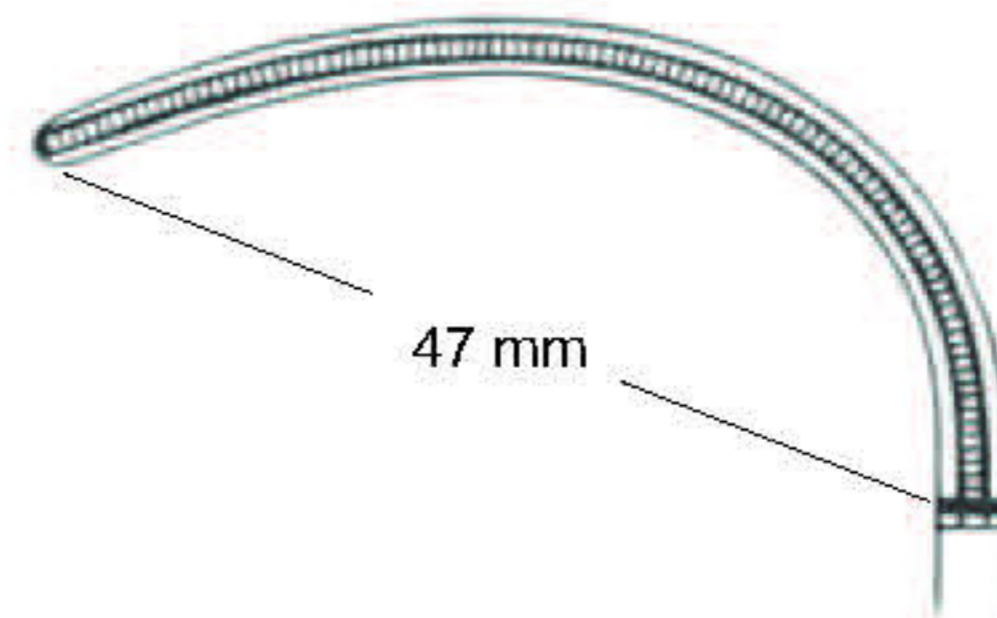
13-3669-01 19.5 cm/7 ¾
13-3669-02 21.0 cm/8 ¼



Anastomosis

63 mm

13-3669-01



47 mm

13-3669-02

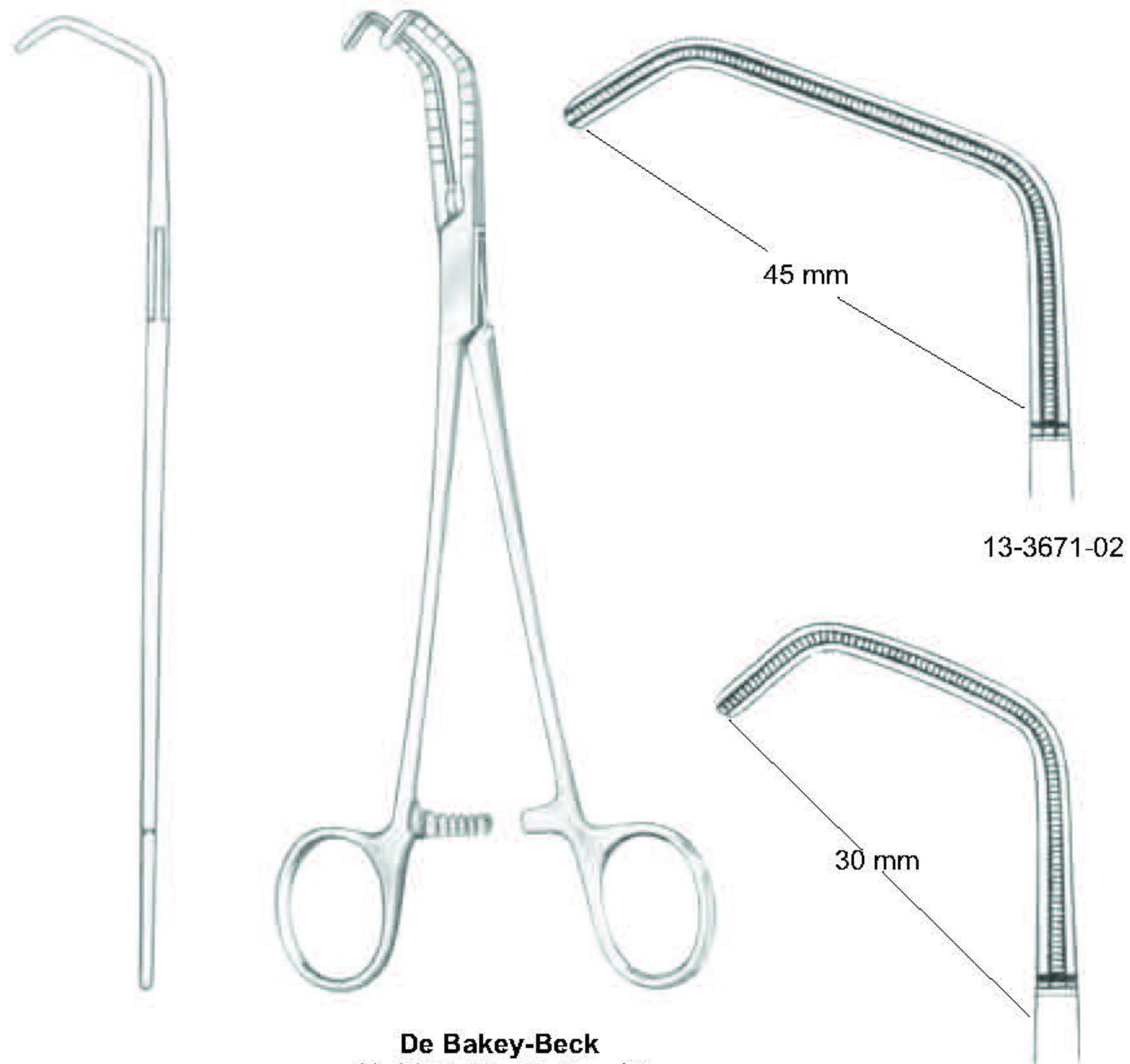


De Bakey



De Bakey
 13-3670-16
 16 cm/6 1/4"

Graduated



De Bakey-Beck
 13-3671-01 20.5 cm/8"
 13-3671-02 21.0 cm/8 1/4"

13-3671-02

13-3671-01

EN	Atrauma Cardiovascular Forceps
DE	Atrauma cardiovascular-klemmen
ES	Atrauma pinzas-clamps cardiovasculares
FR	Pince cardiovasculaire Atrauma
IT	Pinza cardiovascolare Atrauma

CARDIOVASCULAR



De Bakey



Lambert-Kay
21 cm/8¼"



Aortic anastomosis clamps

13-3672-22

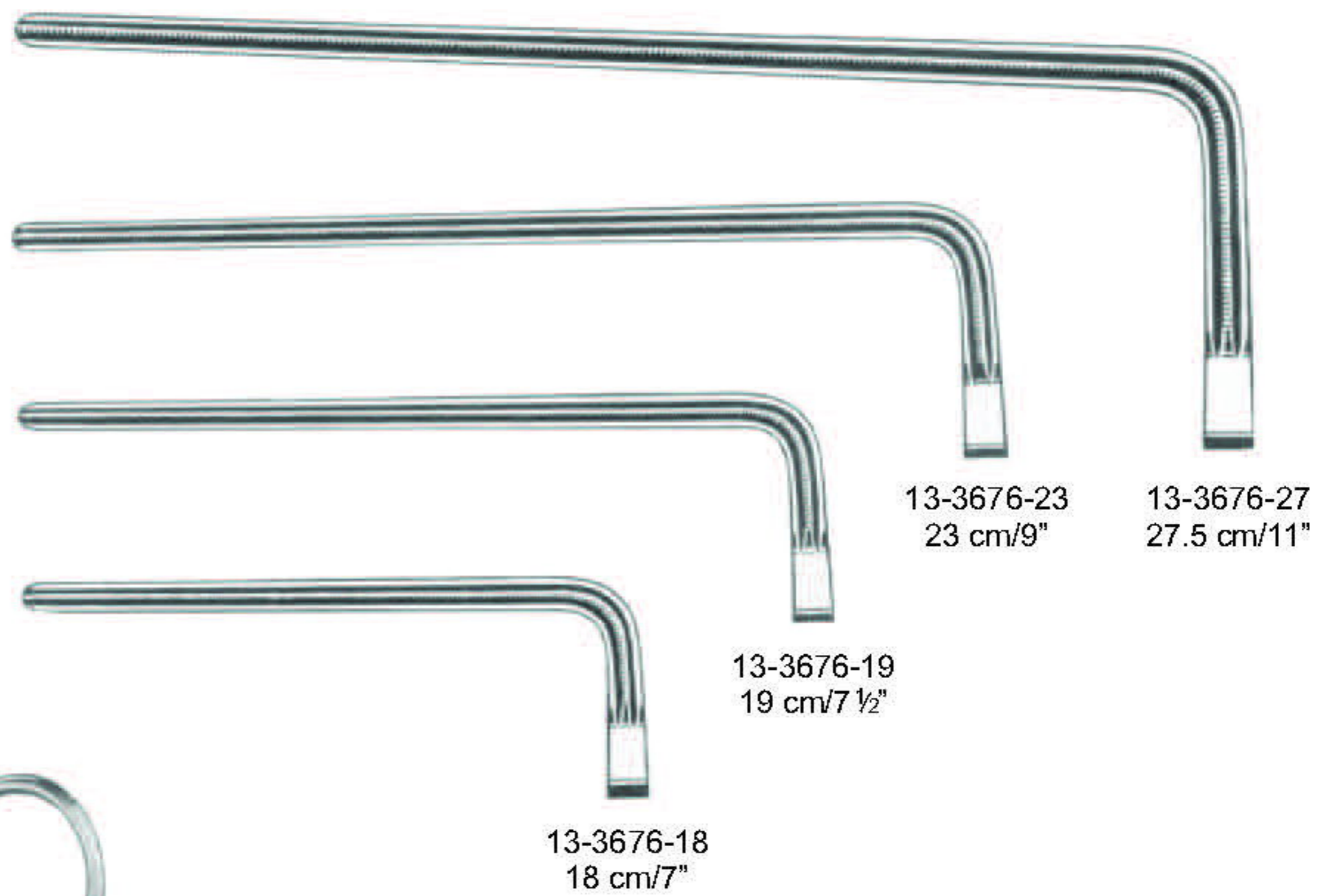
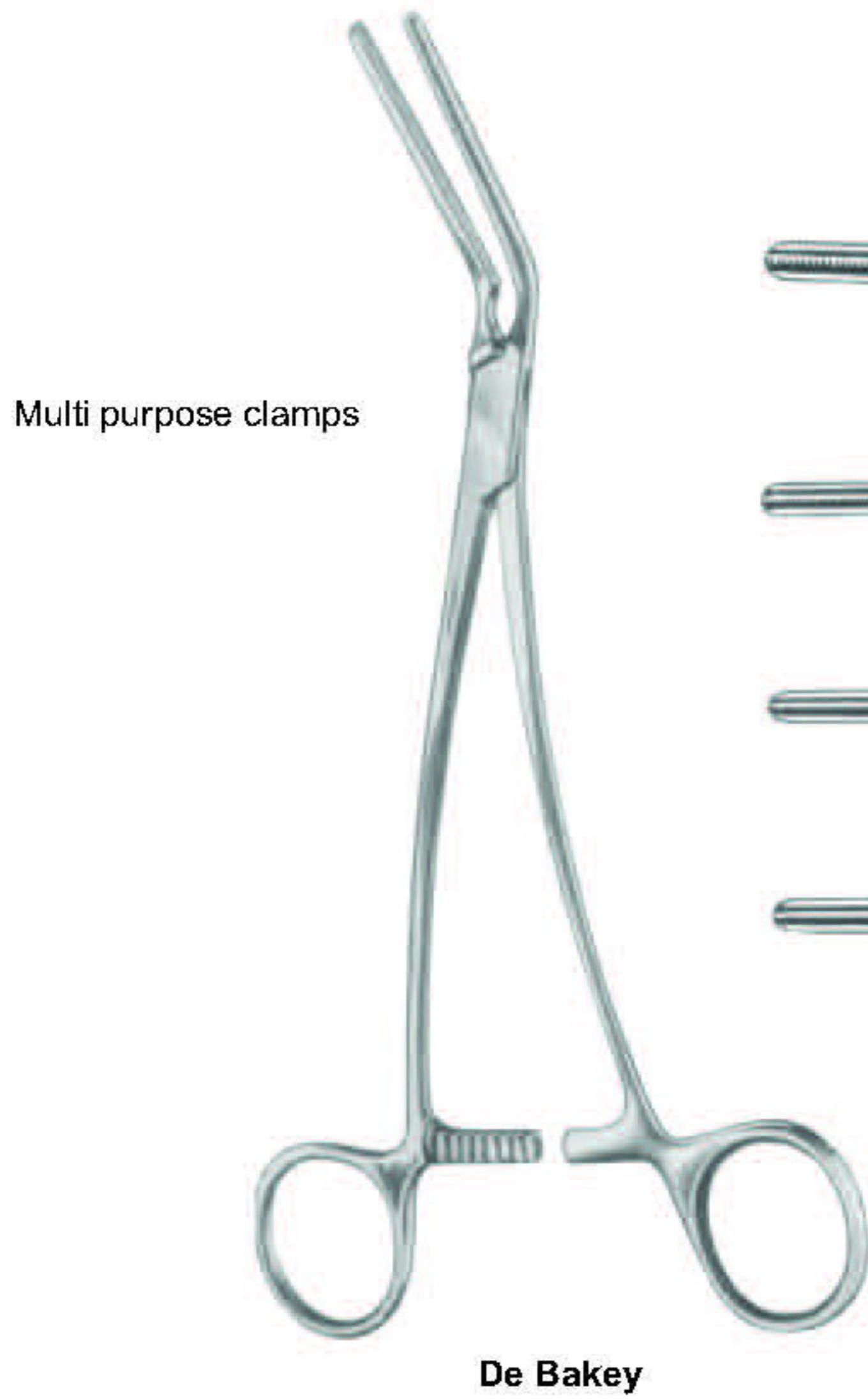


De Bakey
13-3673-17
17 cm/6¾"



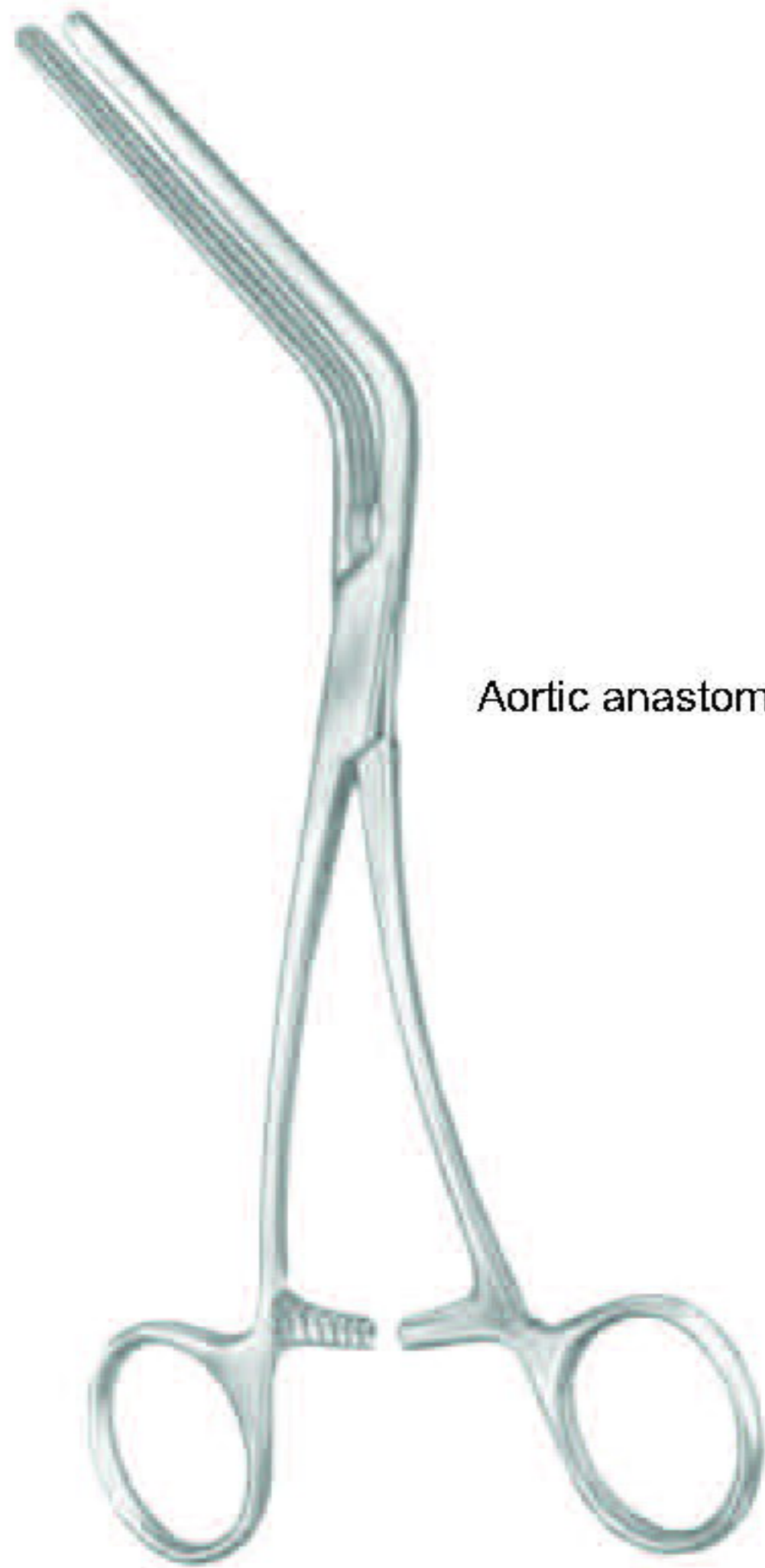
Beck
13-3674-17
17 cm/6¾"

Atrauma Cardiovascular Forceps	EN
Atrauma cardiovascular-klemmen	DE
Atrauma pinzas-clamps cardiovasculares	ES
Pince cardiovasculaire Atrauma	FR
Pinza cardiovascolare Atrauma	IT



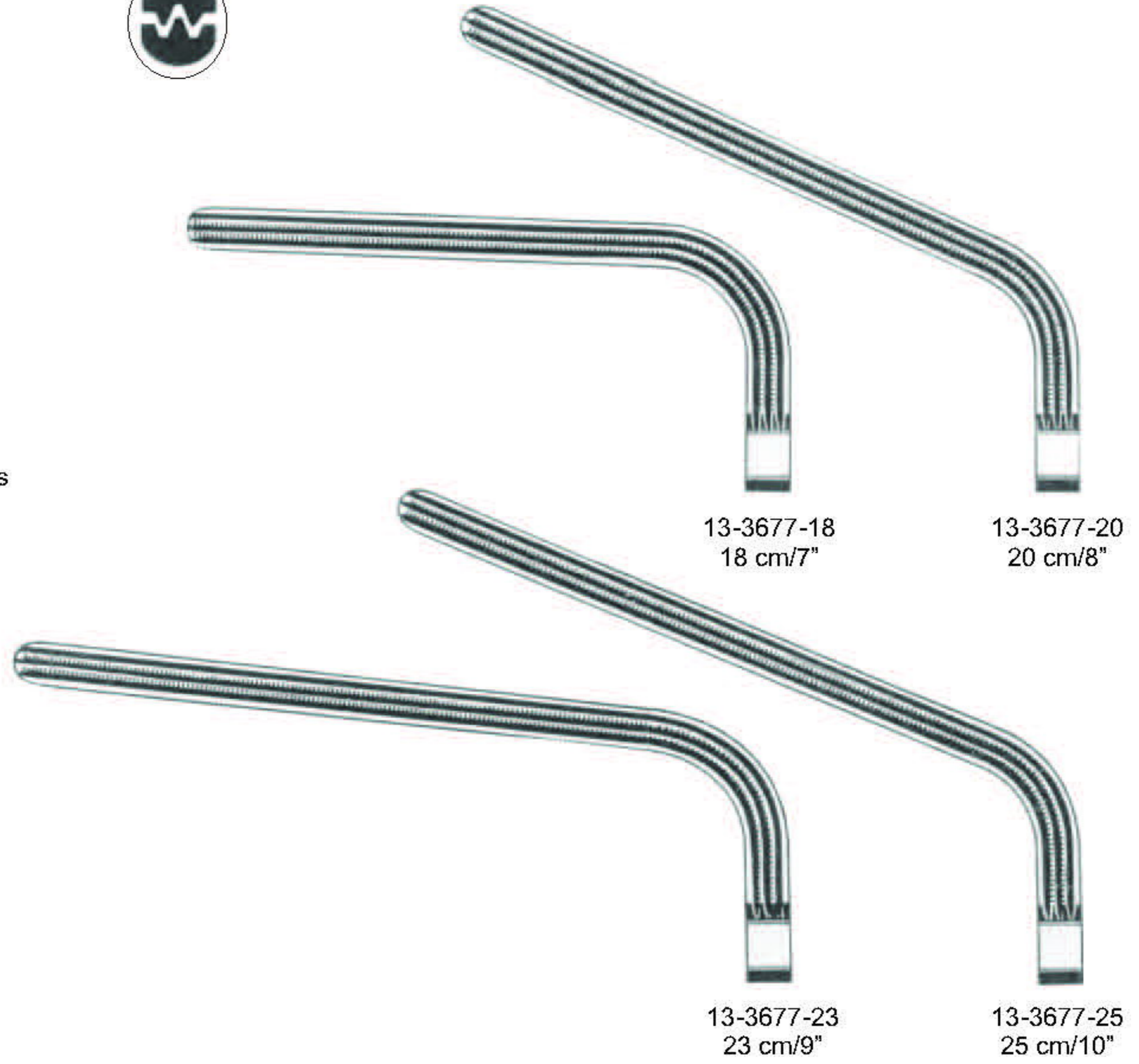
EN	Atrauma Cardiovascular Forceps
DE	Atrauma cardiovascular-klemmen
ES	Atrauma pinzas-clamps cardiovasculares
FR	Pince cardiovasculaire Atrauma
IT	Pinza cardiovascolare Atrauma

CARDIOVASCULAR



Aortic anastomosis clamps

Morris-De Bakey

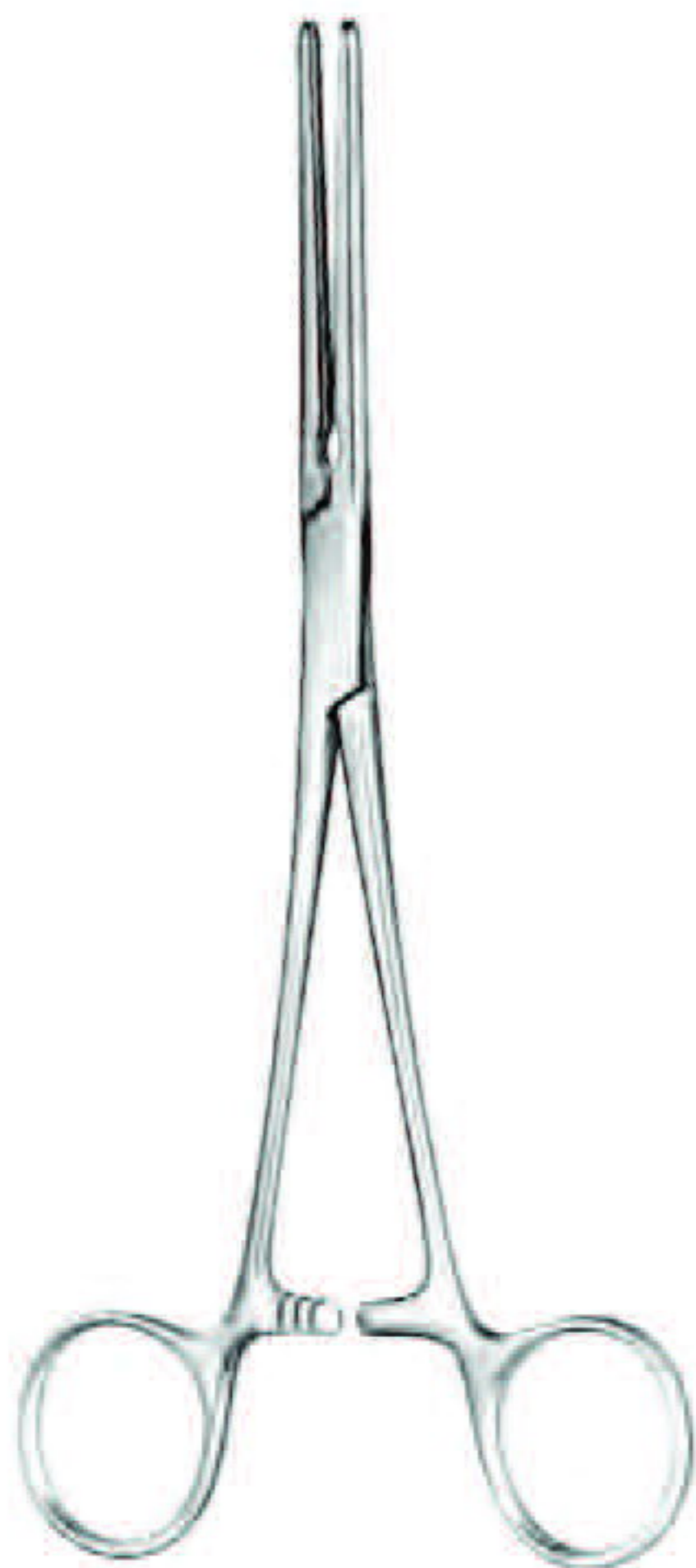


13-3677-18
18 cm/7"

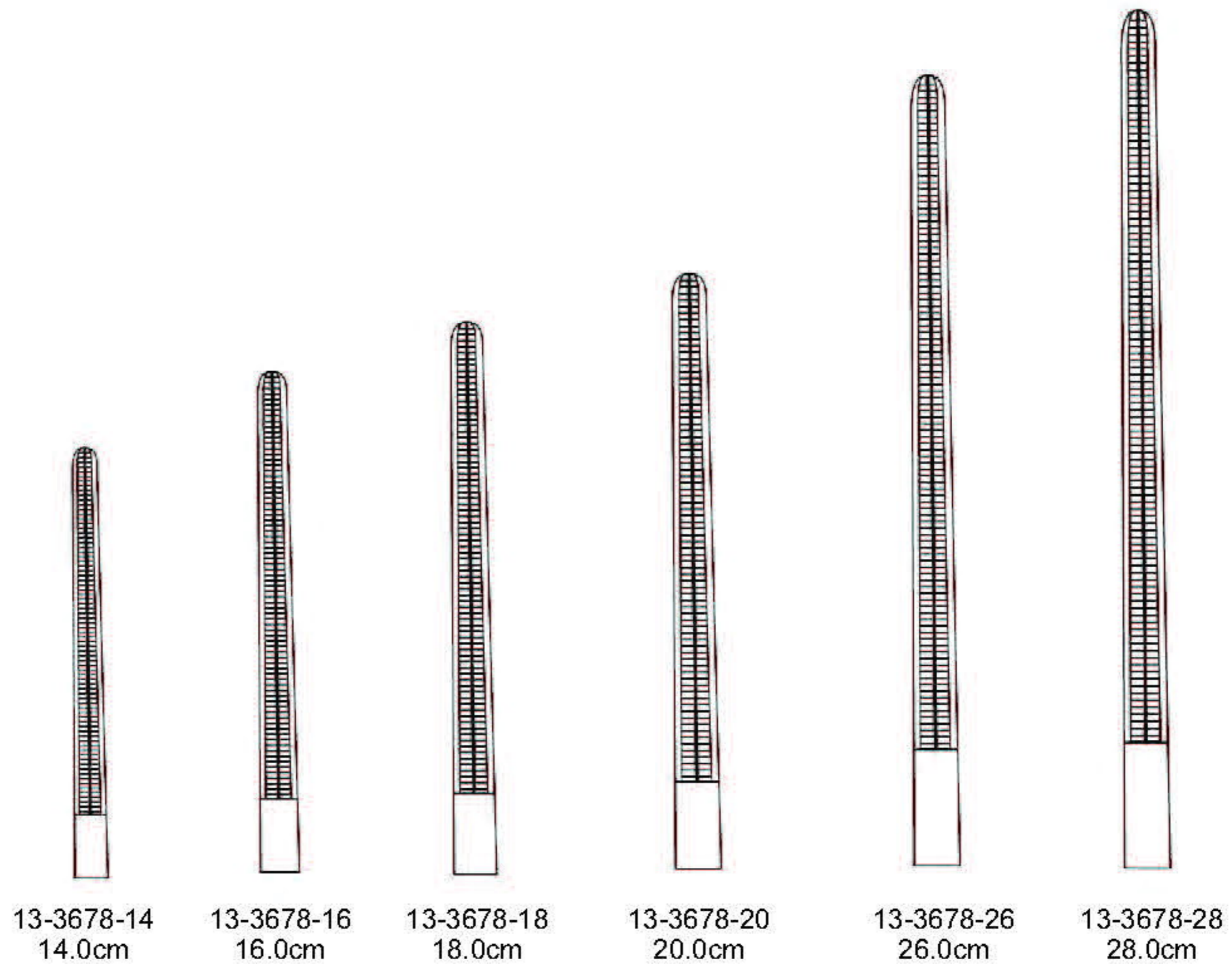
13-3677-20
20 cm/8"

13-3677-23
23 cm/9"

13-3677-25
25 cm/10"



DE BAKEY-PEAN



13-3678-14
14.0cm

13-3678-16
16.0cm

13-3678-18
18.0cm

13-3678-20
20.0cm

13-3678-26
26.0cm

13-3678-28
28.0cm

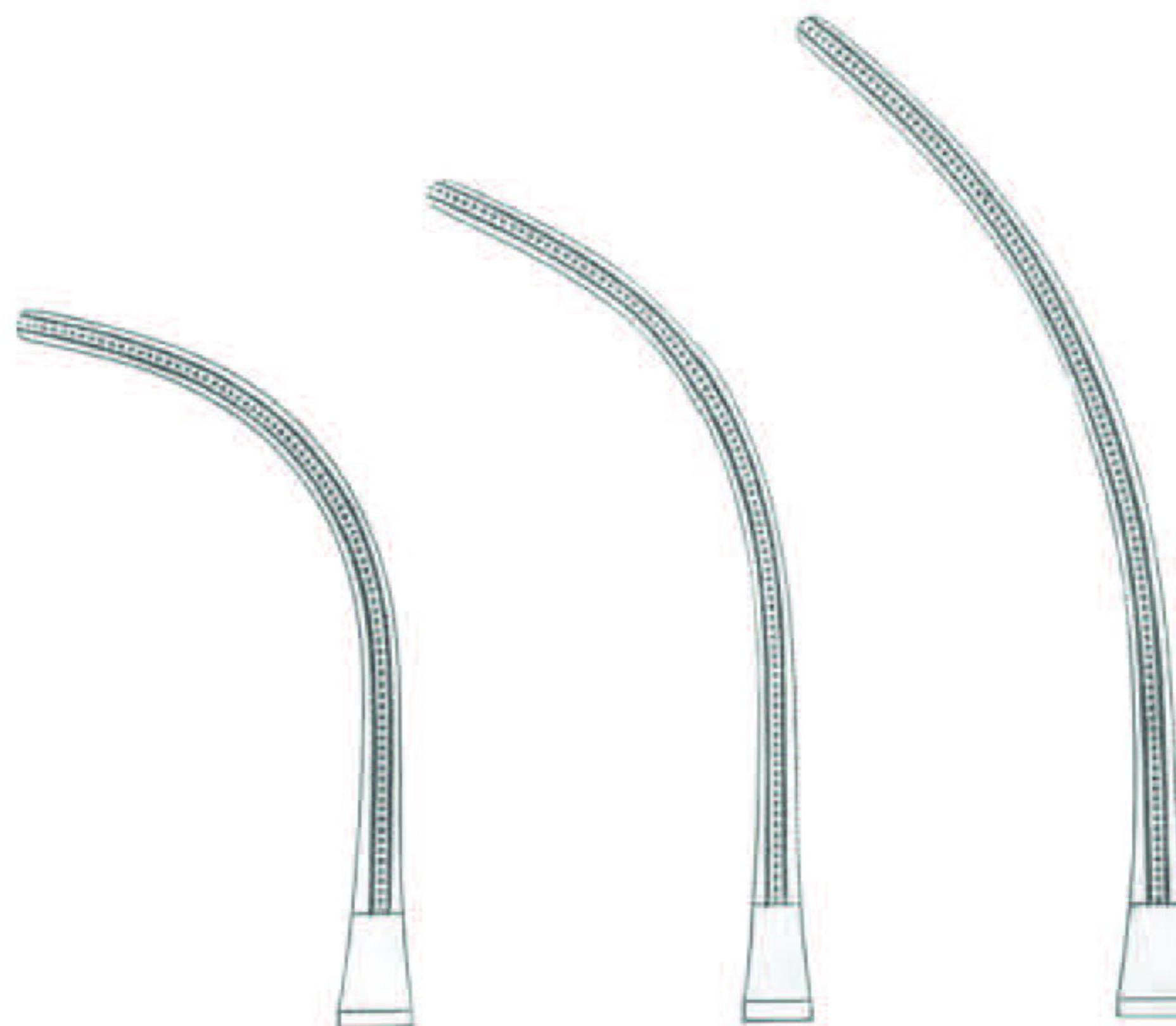
Aorta aneurysm clamps



De Bakey



De Bakey-Bahnson



13-3679-23
23 cm/9"

13-3679-24
24 cm/9½"

13-3679-25
25 cm/10"



DE BAKEY-PEAN



13-3680-14
14.0cm

13-3680-16
16.0cm

13-3680-18
18.0cm

13-3680-20
20.0cm

13-3680-26
26.0cm

13-3680-28
28.0cm

EN	Atrauma Cardiovascular Forceps
DE	Atrauma cardiovascular-klemmen
ES	Atrauma pinzas-clamps cardiovasculares
FR	Pince cardiovasculaire Atrauma
IT	Pinza cardiovascolare Atrauma

CARDIOVASCULAR

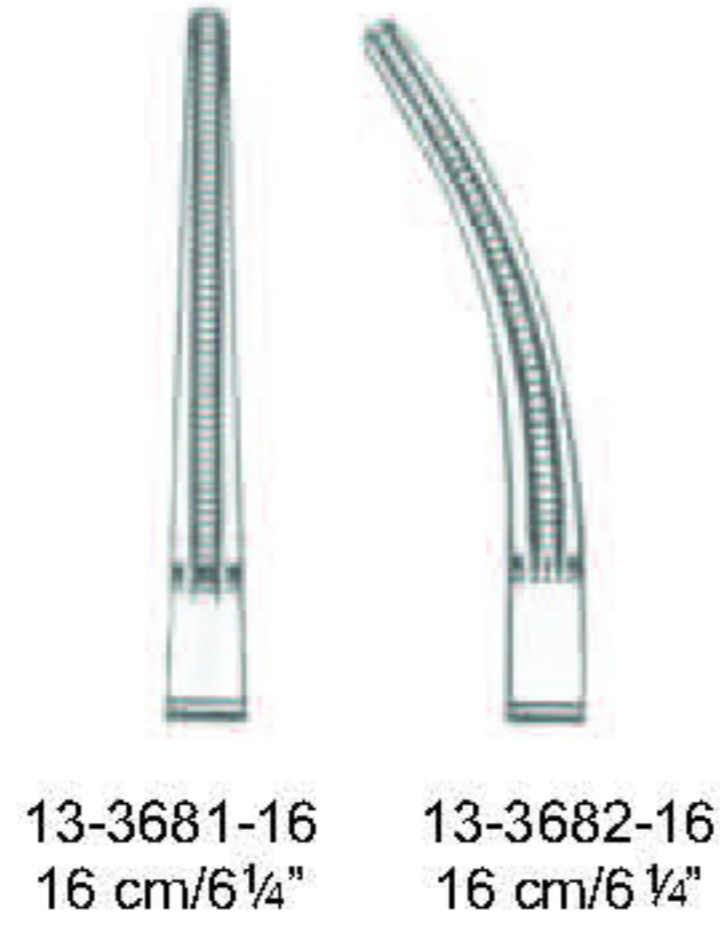
Multi purpose clamps



De Bakey



De Bakey-Rankin

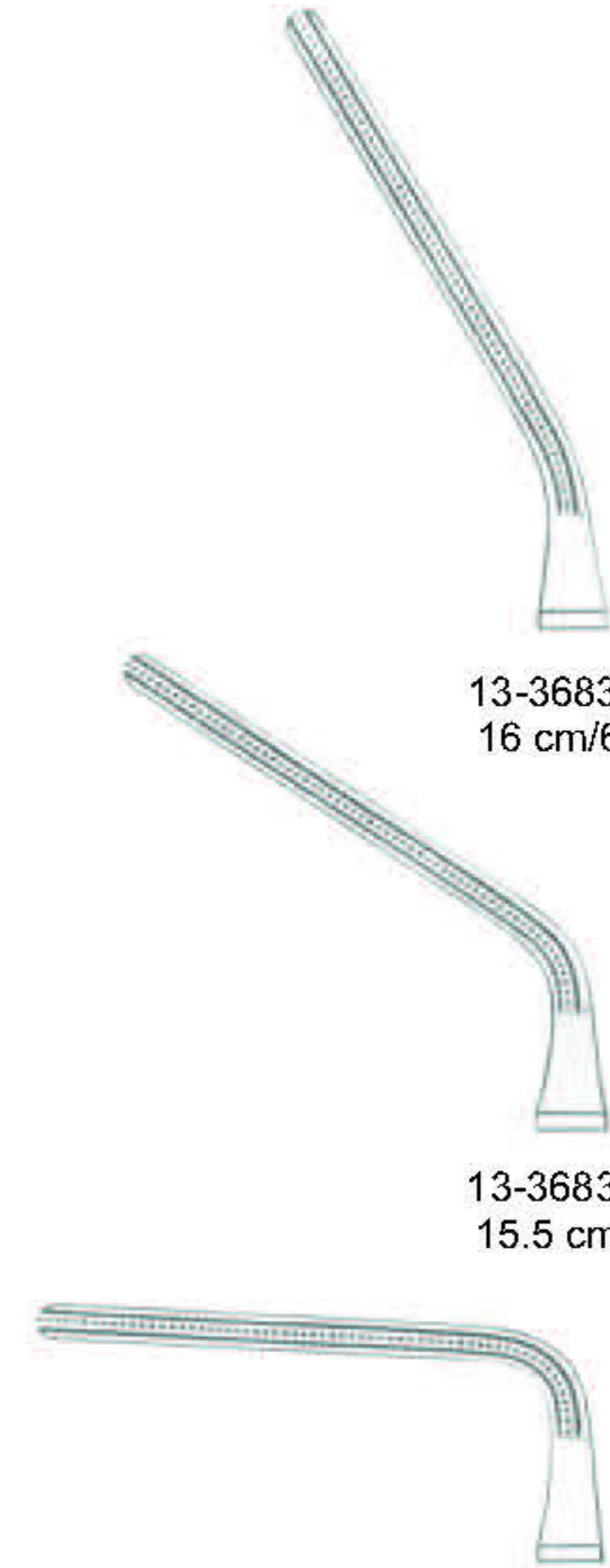


13-3681-16
16 cm/6 1/4"

13-3682-16
16 cm/6 1/4"



Cooley



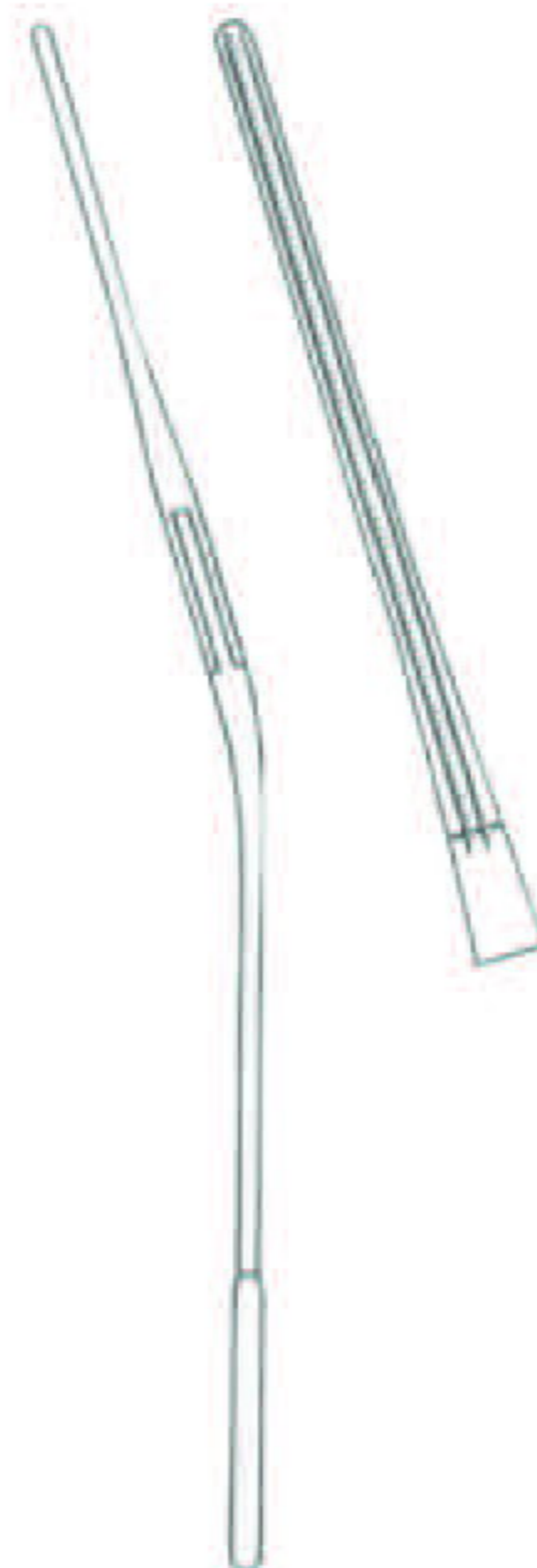
13-3683-16
16 cm/6 1/4"

13-3683-15
15.5 cm/6"

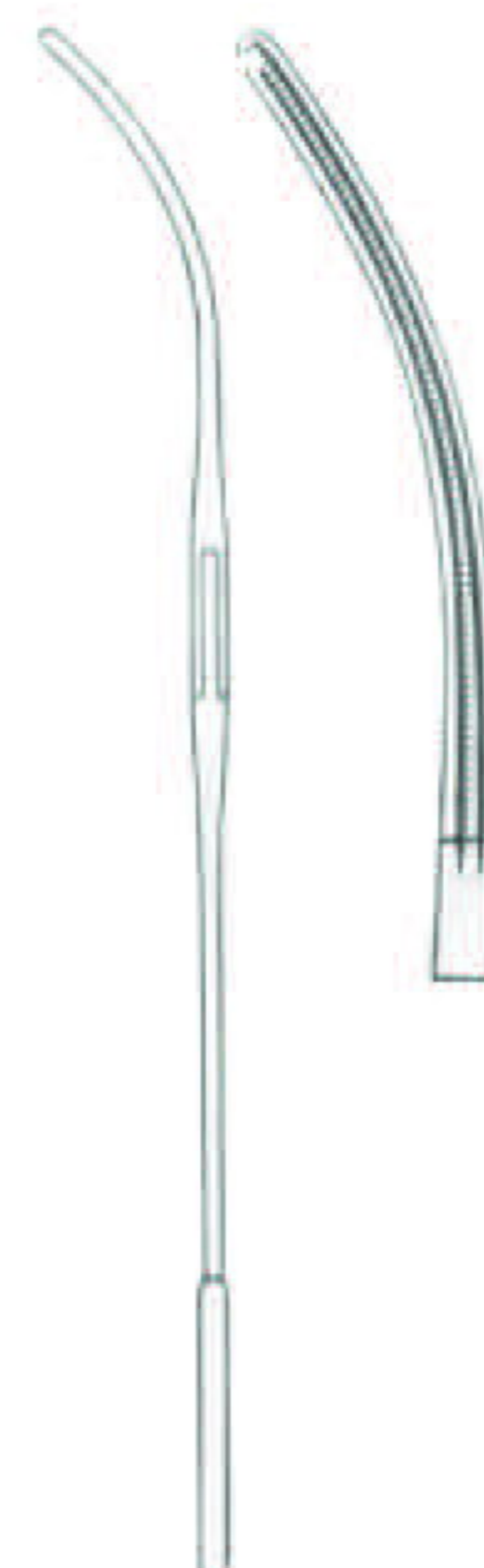
13-3683-14
14.5 cm/5 3/4"



De Bakey
13-3684-17
17 cm/6 3/4"



13-3685-17



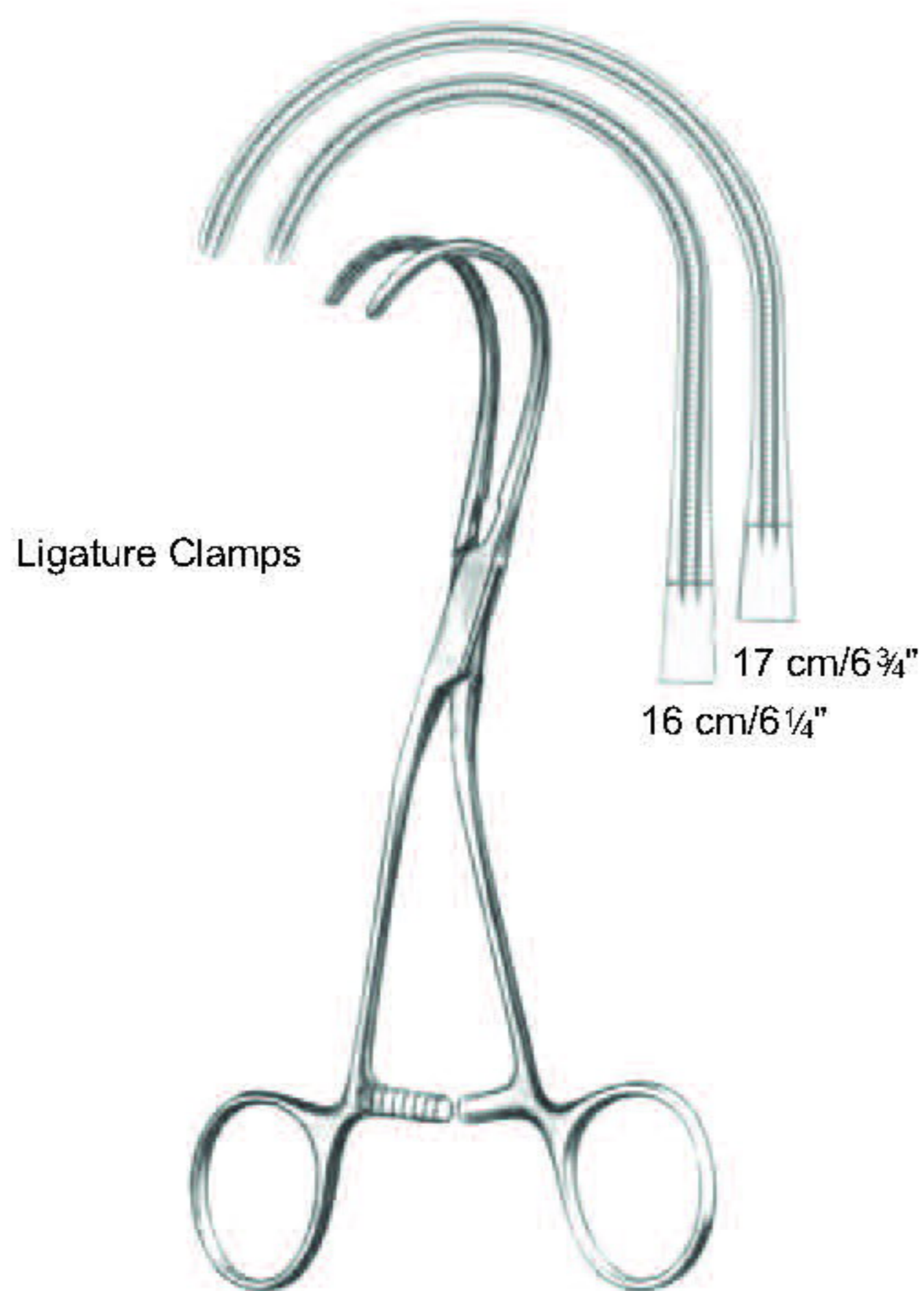
13-3686-17



13-3687-17



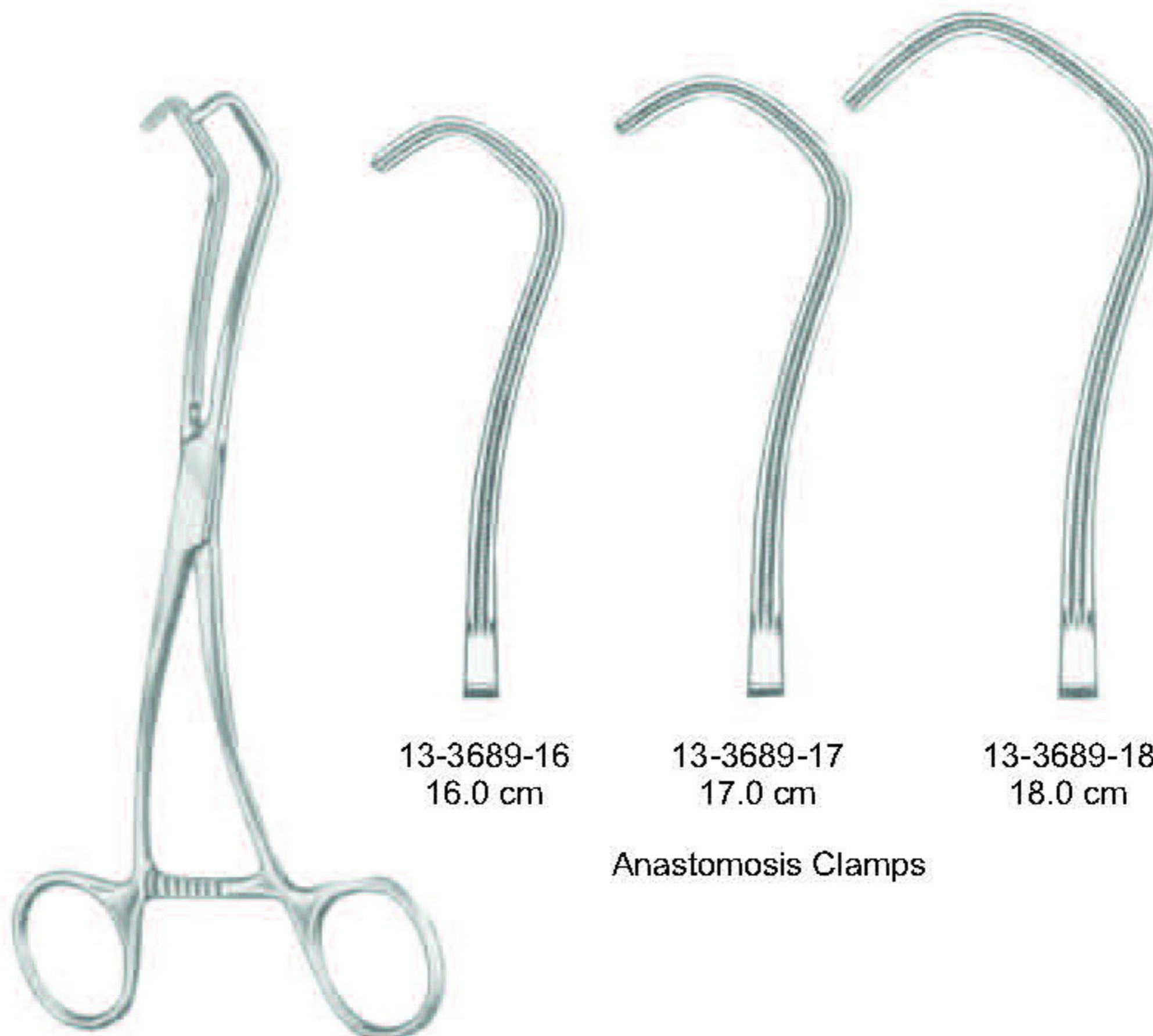
De Bakey



Ligature Clamps

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

13-3688-16 16cm/6 1/4"
 13-3688-17 17cm/6 3/4"



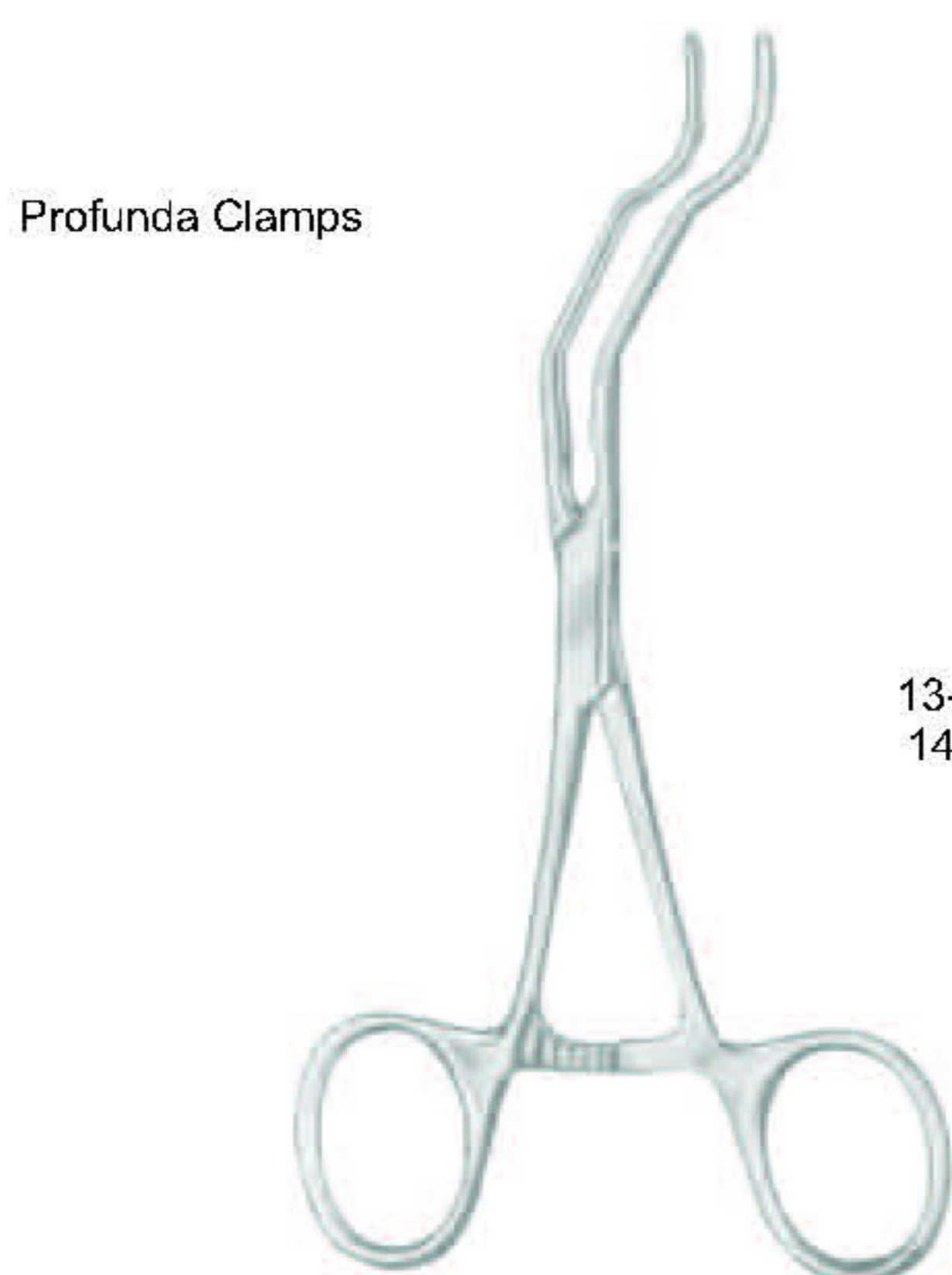
Anastomosis Clamps

13-3689-16
 16.0 cm

13-3689-17
 17.0 cm

13-3689-18
 18.0 cm

Derra-De Bakey



Profunda Clamps

13-3690-14
 14 cm/5 1/2"

13-3690-16
 16 cm/6 1/4"

13-3690-18
 18 cm/7"

Gregory

EN	Atrauma Cardiovascular Forceps
DE	Atrauma cardiovascular-klemmen
ES	Atrauma pinzas-clamps cardiovasculares
FR	Pince cardiovasculaire Atrauma
IT	Pinza cardiovascolare Atrauma

CARDIOVASCULAR



Cooley



Cooley
13-3695-20
20 cm/8"



Cooley



Cooley
13-3699-17
17 cm/6¾"



13-3696-03
17 cm/6¾"

13-3696-02
15.5 cm/6"



13-3696-01
15 cm/6"

Anastomosis clamps



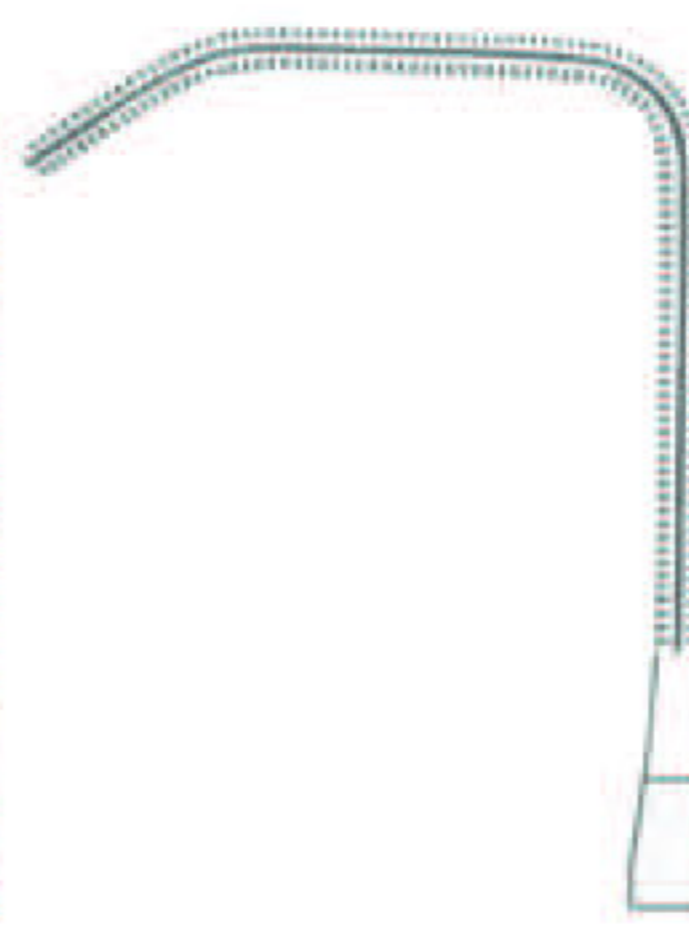
Cooley



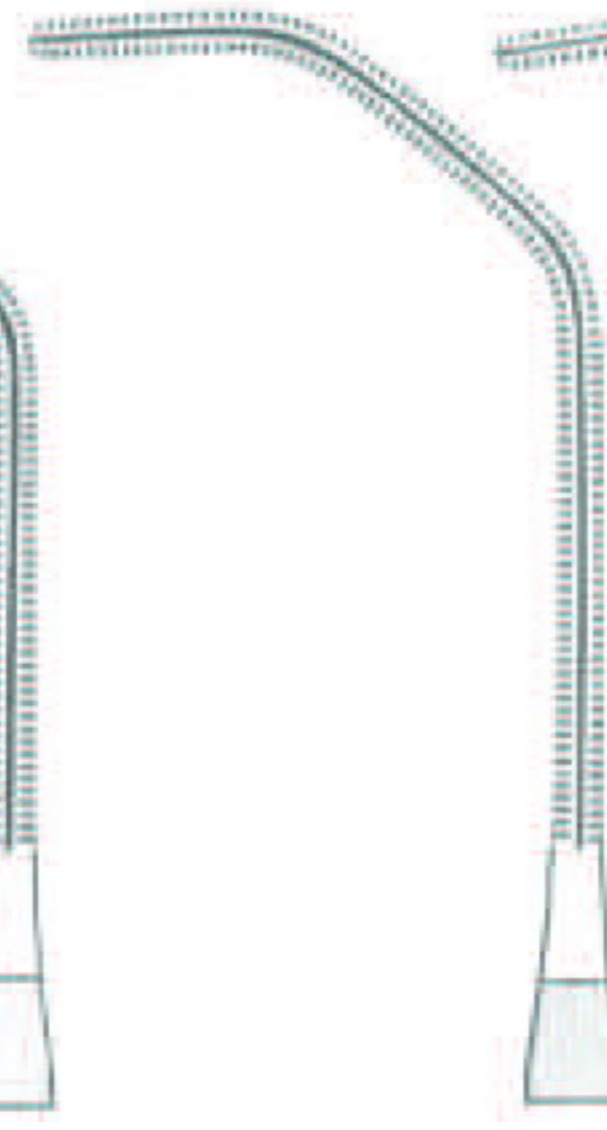
Cooley



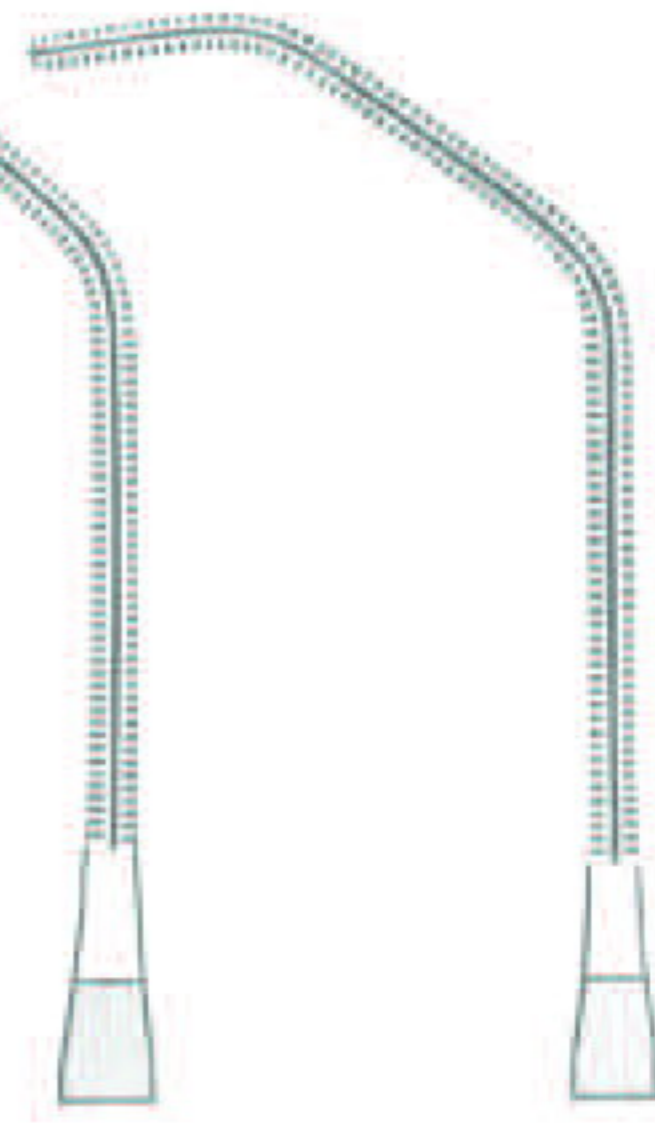
13-3700-01
16.5 cm/6½"



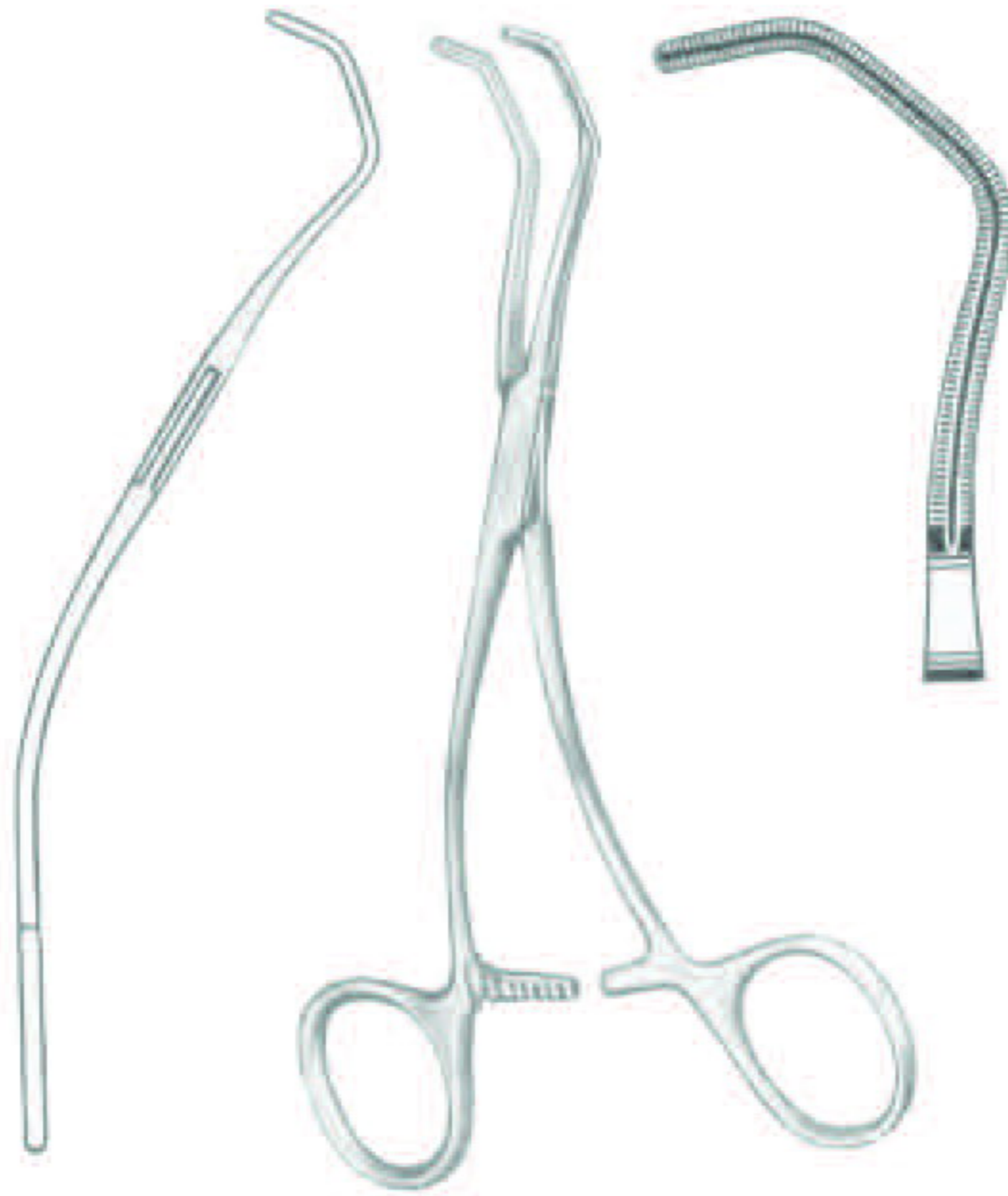
13-3700-02
16.5 cm/6½"



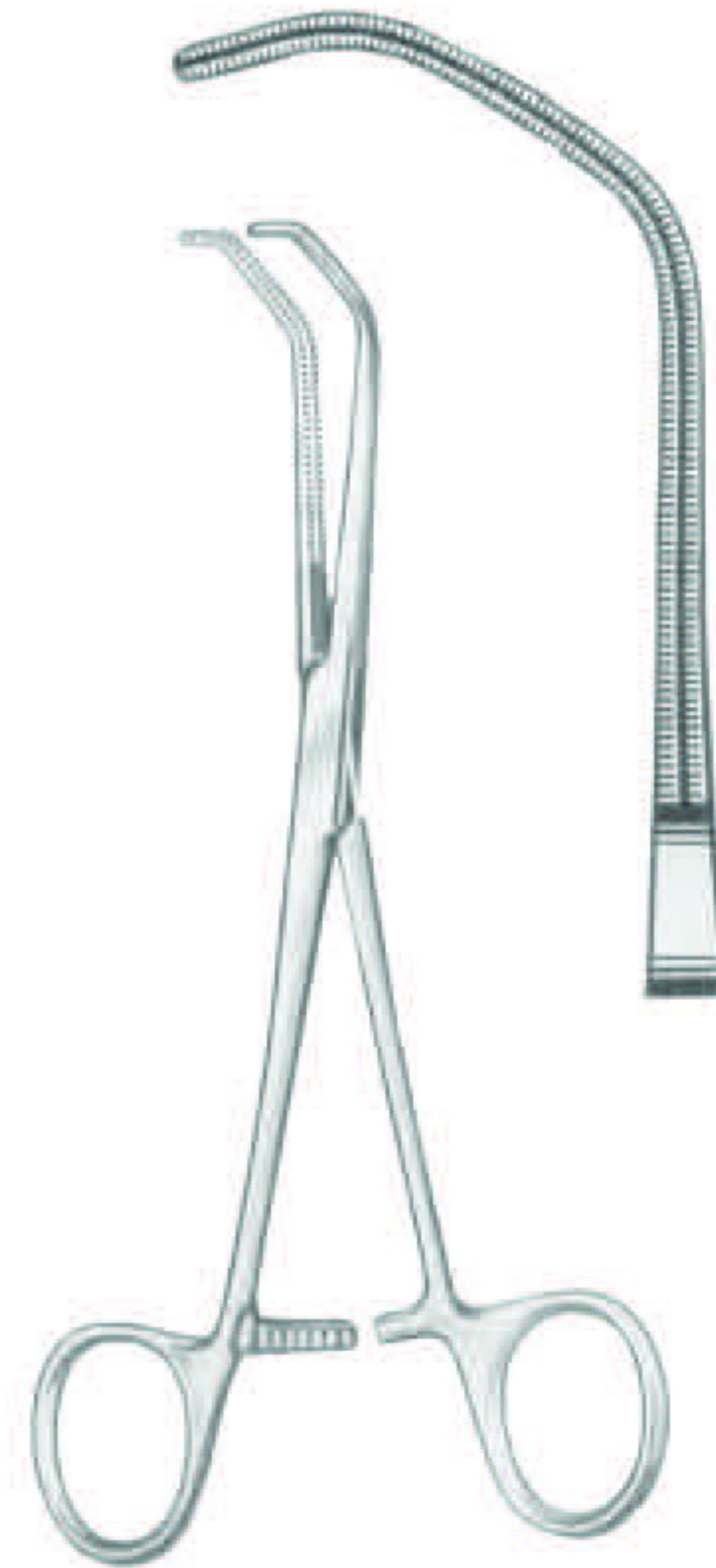
13-3700-03
17.5 cm/7"



13-3700-04
17.5 cm/7"



Cooley
13-3701-16
16 cm/6¼"



Beck
13-3702-17
17 cm/6¾"

EN	Atrauma Cardiovascular Forceps
DE	Atrauma cardiovascular-klemmen
ES	Atrauma pinzas-clamps cardiovasculares
FR	Pince cardiovasculaire Atrauma
IT	Pinza cardiovascolare Atrauma



Cooley



Cooley-Derra



13-3703-16
16 cm/6 1/4"



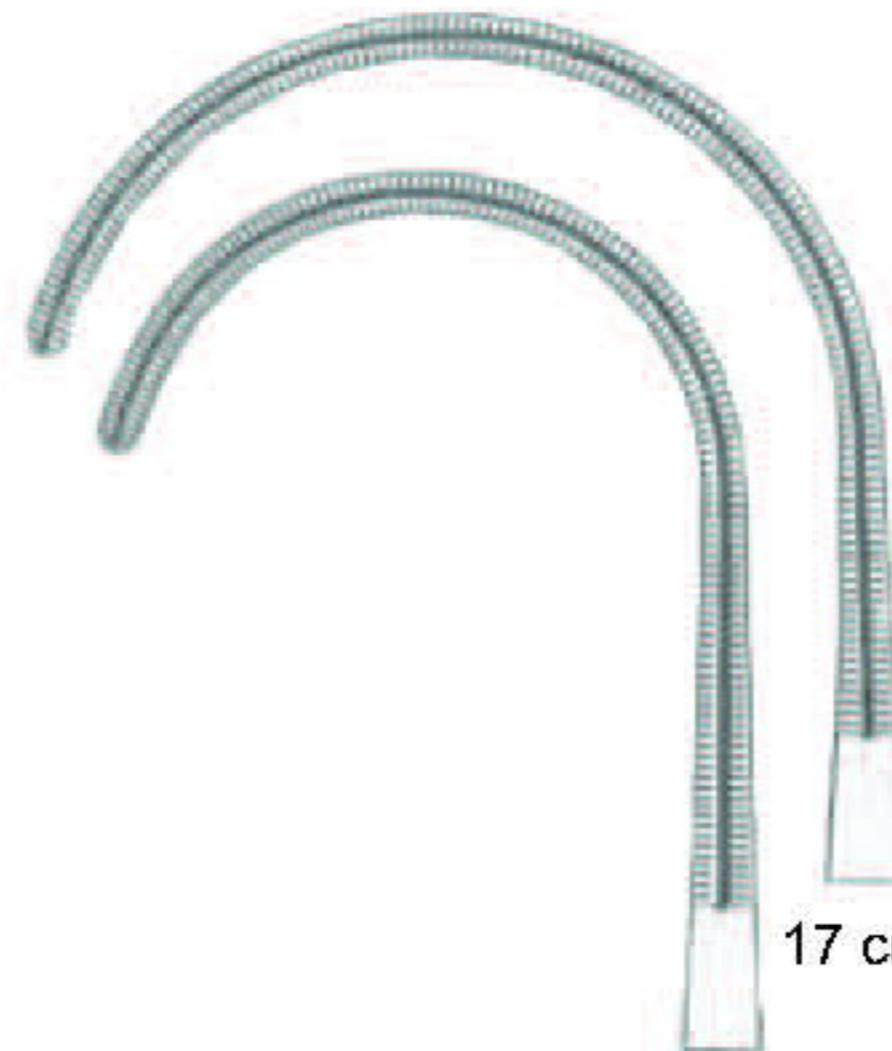
13-3703-17
17 cm/6 3/4"



13-3703-18
18 cm/7"



Cooley
13-3704-16 16 cm/6 1/4"
13-3704-17 17 cm/6 3/4"



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

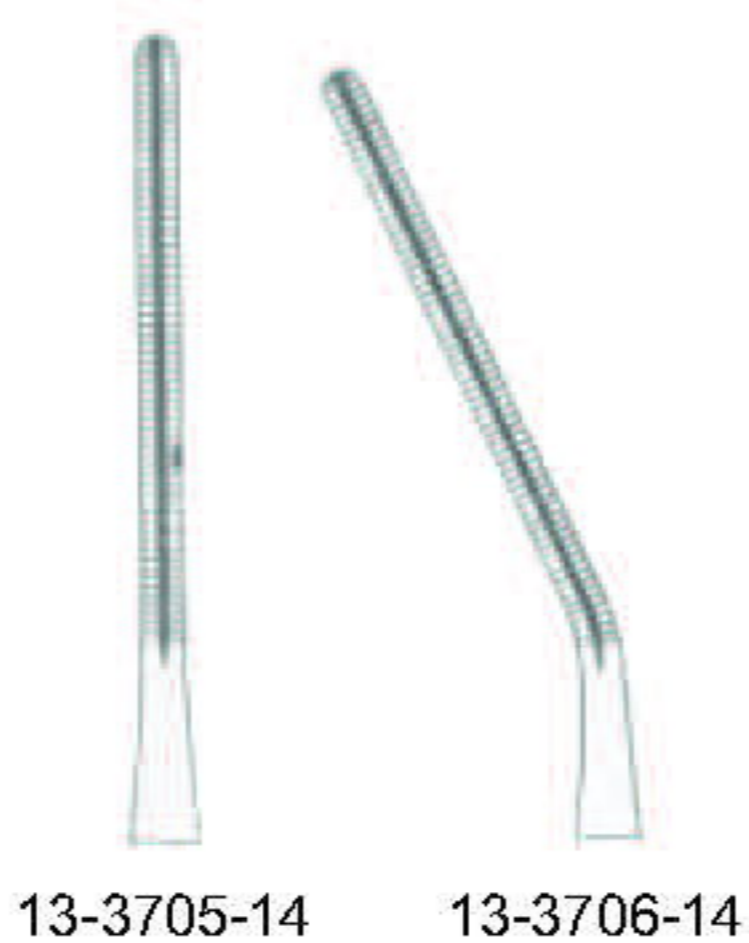
Ligature clamps



Cooley



Cooley
14 cm/5½"



13-3705-14 13-3706-14



Cooley
13-3707-14
14 cm/5½"

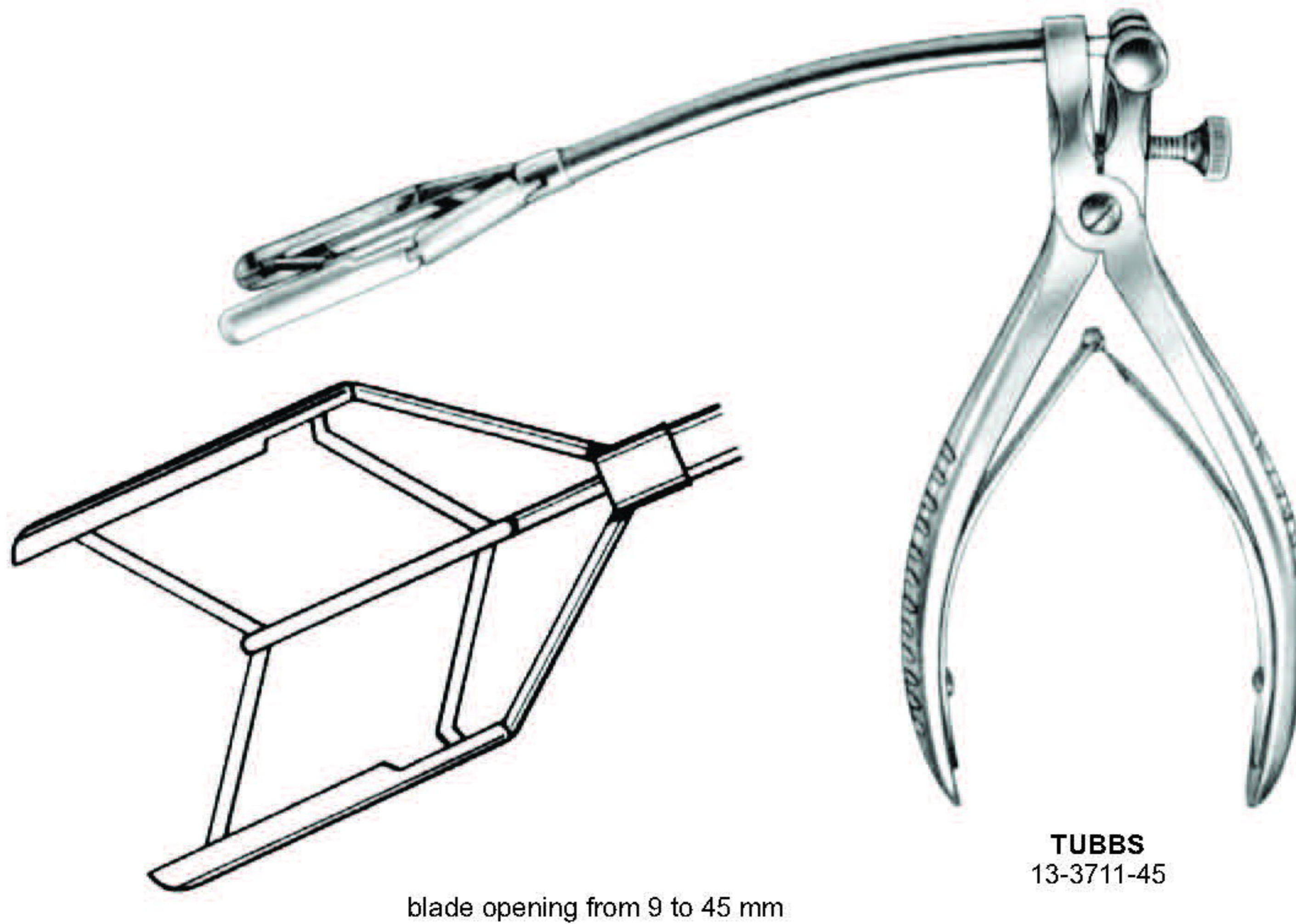
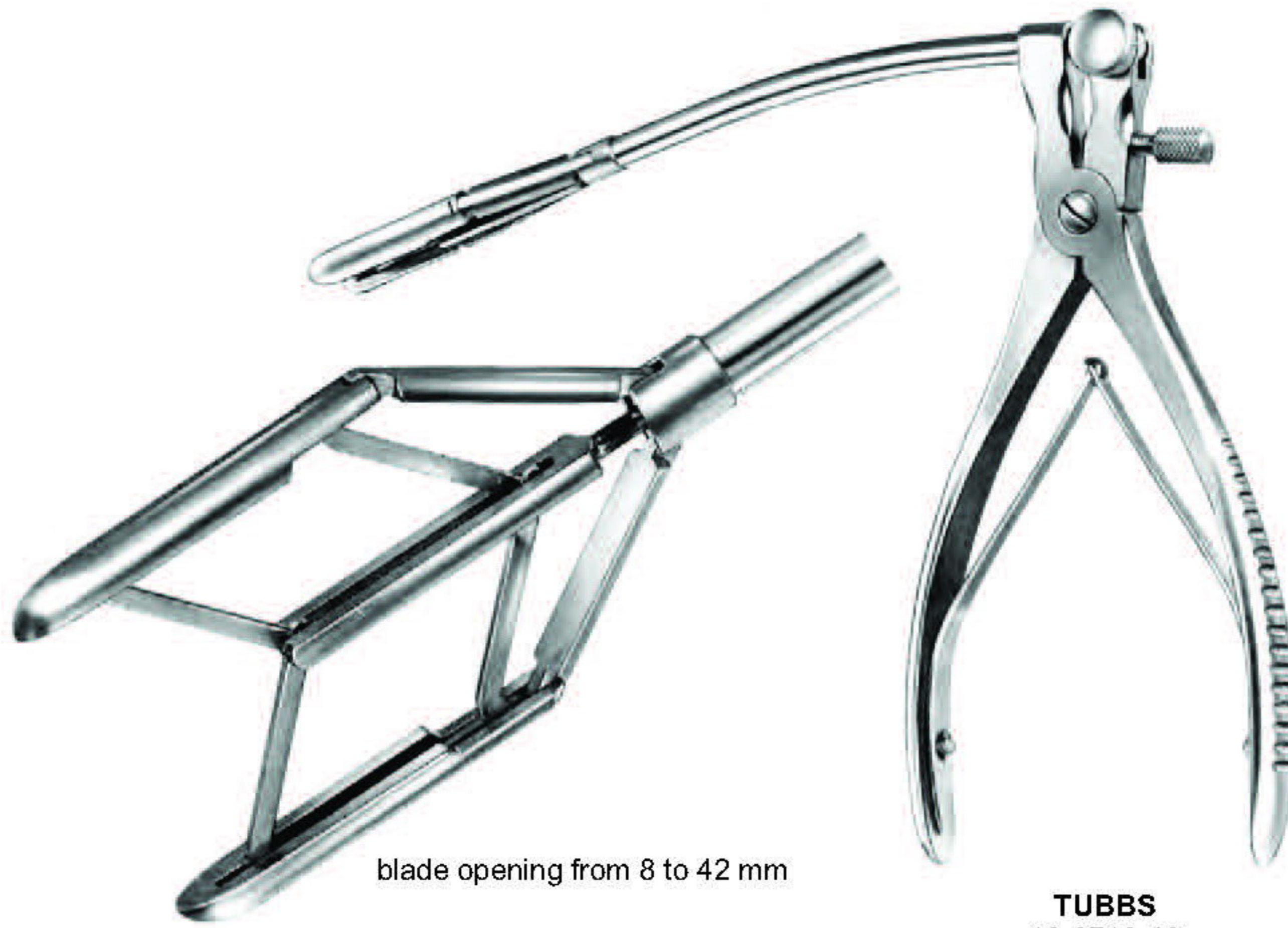


Cooley
13-3708-14
14 cm/5½"

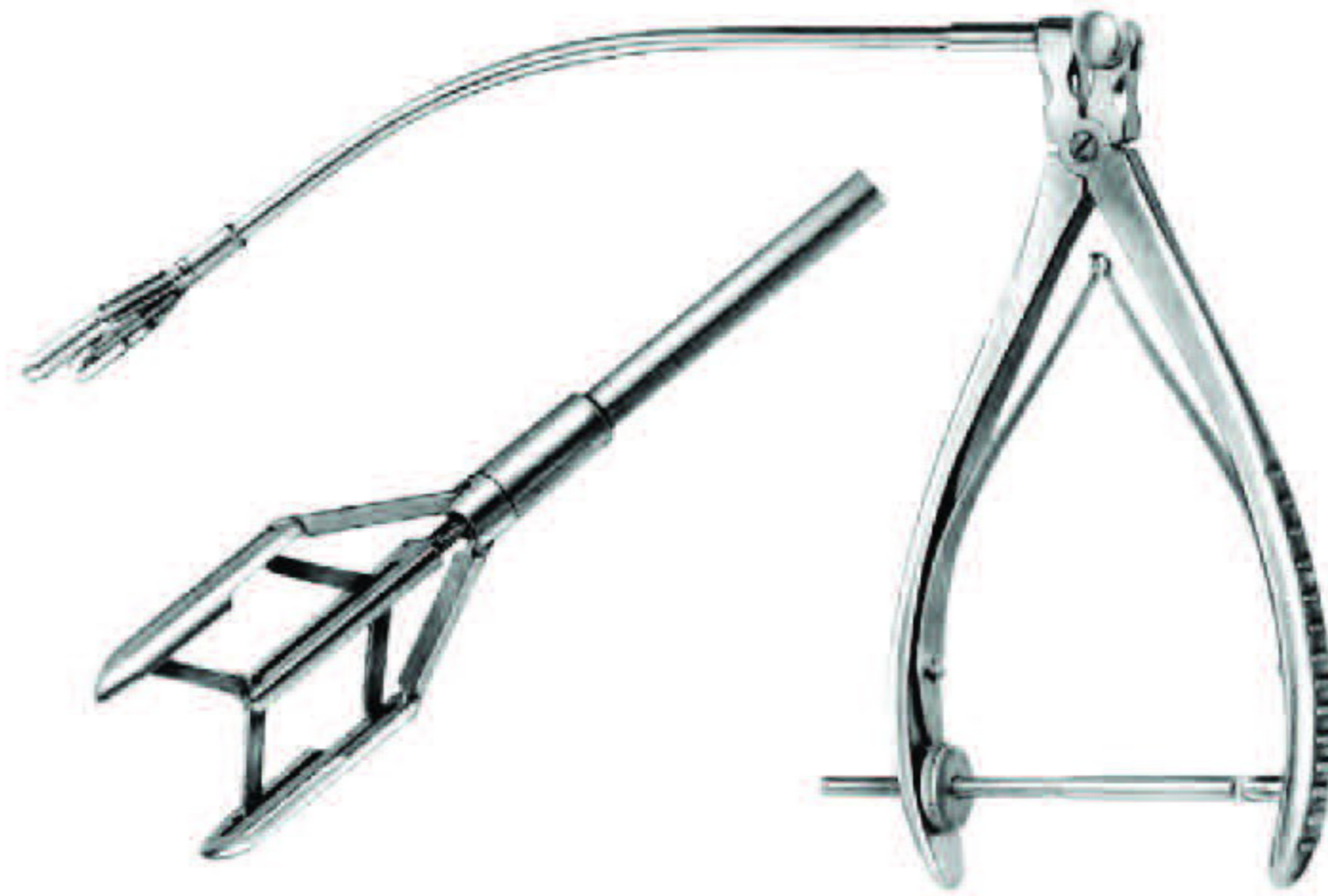


Cooley
13-3709-14
14 cm/5½"

EN	Suction Tubes and Tourniquets
DE	Saugrohre und Tourniquets
ES	Los tubos de succión y torniquetes
FR	Tubes d'aspiration et tourniquets
IT	Tubi di aspirazione e lacci emostatici

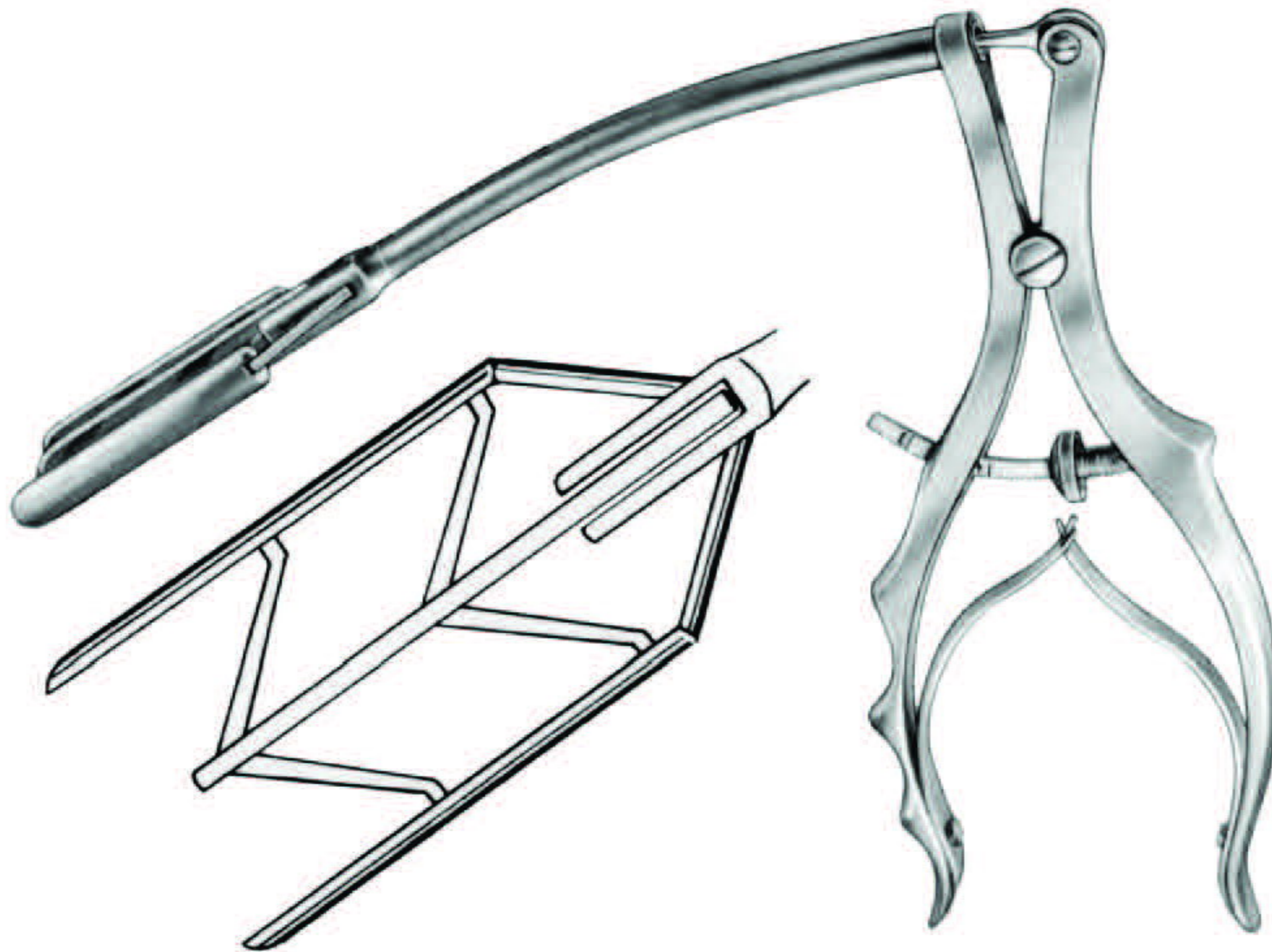


Dilators	EN
Dilatatoren	DE
Dilatadores	ES
Dilatateurs	FR
dilatatori	IT



blade opening from 8 to 15 mm
 blade opening from 8 to 45 mm

COOLEY
 13-3712-15
 13-3712-45

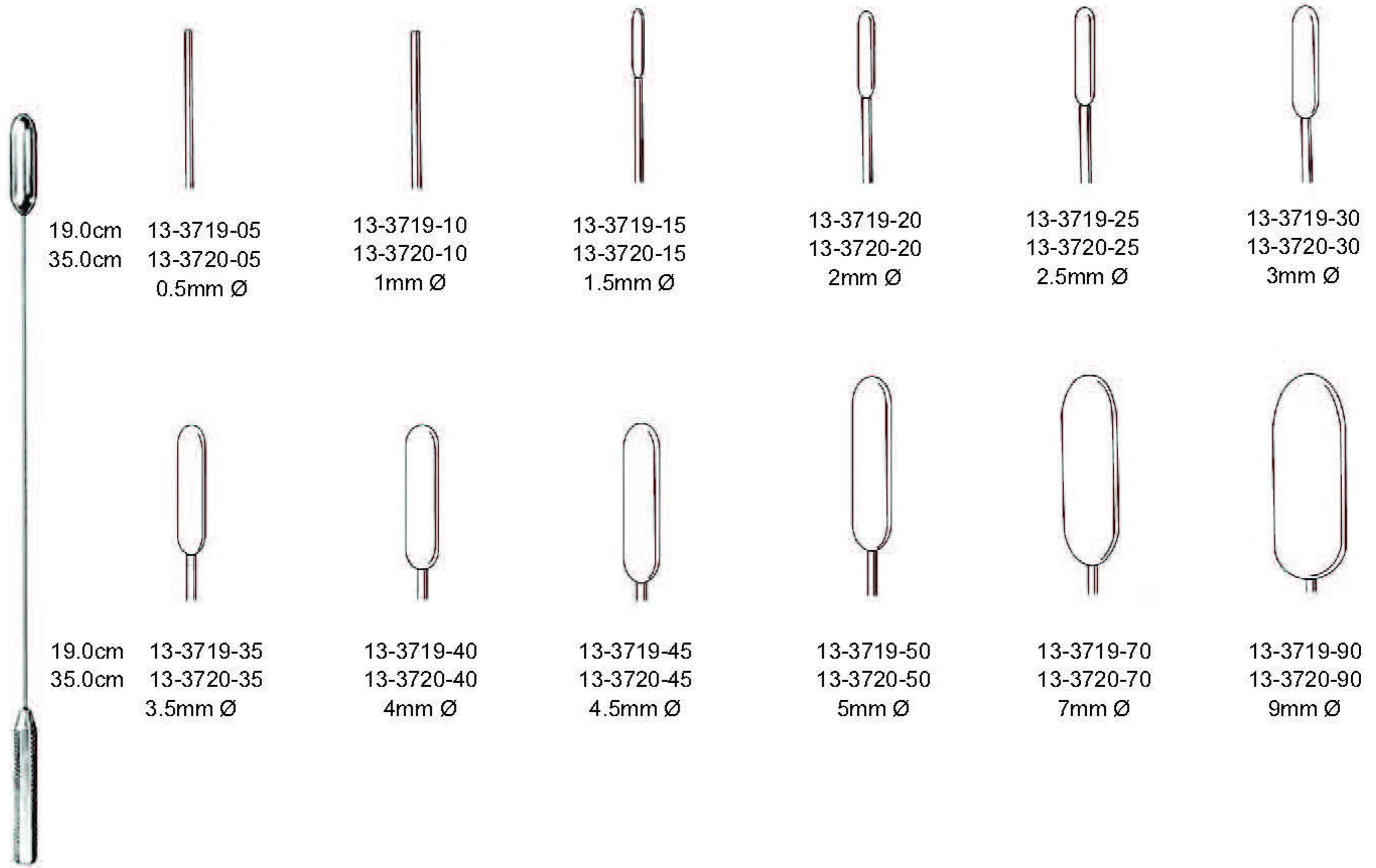


COOLEY
 13-3713-40
 blade opening 9 - 40mm

COOLEY-DEBAKEY
 13-3714-30
 blade opening 7 - 30mm

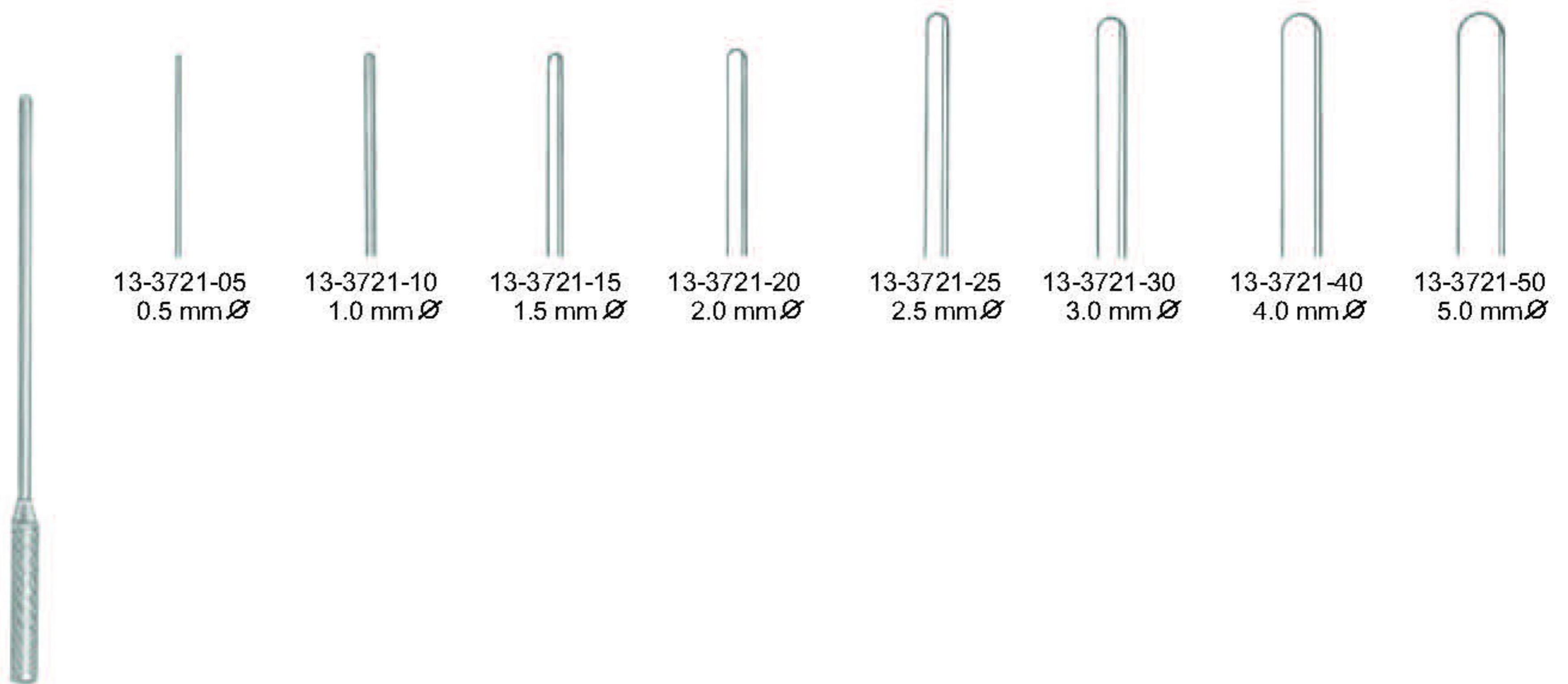
EN	Vascular Dilators
DE	Gefäß-Dilatatoren
ES	Dilatadores vasculares
FR	Dilatateurs vasculaires
IT	Dilatatori vascolari

CARDIOVASCULAR



DE BAKEY

Malleable



Cooley
13 cm/5"



SCHUMACHER
 13-3734-20
 20.0cm



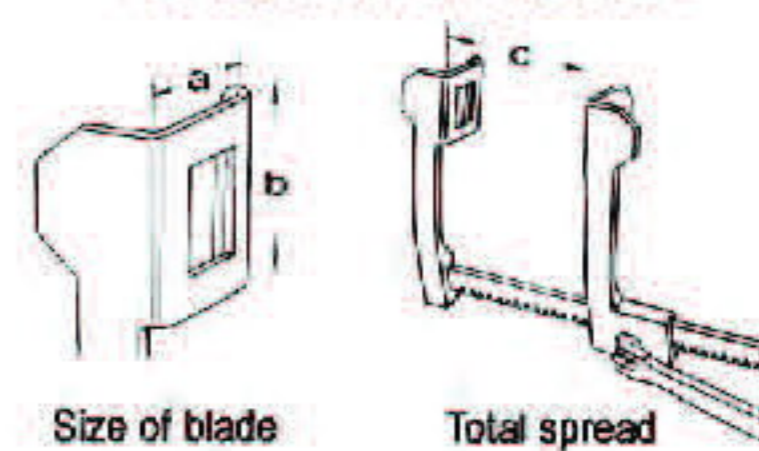
TUDOR EDWARDS
 13-3735-23
 23.0cm

EN	Bone and Rib Shears
DE	Knochen-und Rippenscheren
ES	Cizallas para huesos
FR	Cisailles à os et à côtes
IT	Cesoie a osso e costola



LEBSCHE
13-3736-25
25.0cm

Scheme of dimensions



CASTAÑEDA

S/S	ALU	a	b	c
13-3737-01	13-3737-11	10.5mm	32mm	65mm
13-3737-02	13-3737-12	16mm	30mm	65mm



CASTAÑEDA

S/S	ALU	a	b	c
13-3738-01	13-3738-11	12mm	45mm	70mm



CASTAÑEDA

S/S	ALU	a	b	c
13-3739-01	13-3739-11	15mm	60mm	120mm

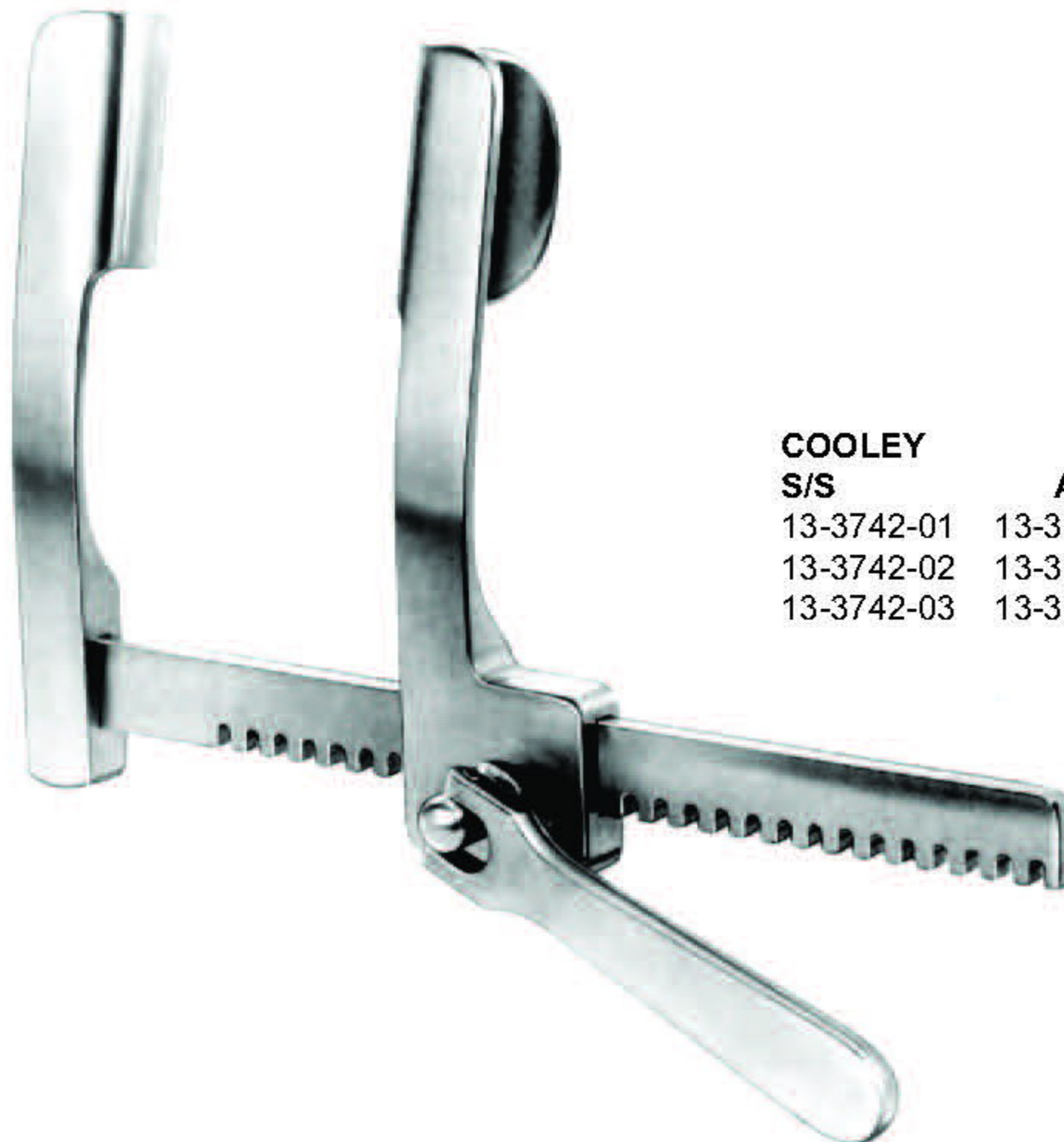
EN	Bone and Rib Shears
DE	Knochen-und Rippenscheren
ES	Cizallas para huesos
FR	Cisailles à os et à côtes
IT	Cesoie a osso e costola



COOLEY			a	b	c
S/S	ALU				
13-3740-01	13-3740-11	12mm	16mm	95mm	
13-3740-02	13-3740-12	12mm	17mm	75mm	
13-3740-03	13-3740-13	14mm	16mm	85mm	



COOLEY			a	b	c
S/S	ALU				
13-3741-01	13-3741-11	15mm	30mm	115mm	
13-3741-02	13-3741-12	15mm	30mm	140mm	
13-3741-03	13-3741-13	16mm	30mm	105mm	
13-3741-04	13-3741-14	20mm	45mm	140mm	
13-3741-05	13-3741-15	21mm	44mm	150mm	
13-3741-06	13-3741-16	30mm	35mm	140mm	



COOLEY			a	b	c
S/S	ALU				
13-3742-01	13-3742-11	30mm	50mm	185mm	
13-3742-02	13-3742-12	35mm	50mm	200mm	
13-3742-03	13-3742-13	37mm	49mm	200mm	



COOLEY

for neonatal

S/S

ALU

a

b

c

13-3743-01

13-3743-11

12mm

15mm

70mm



COOLEY

infant, sternal spreader

S/S

ALU

a

b

c

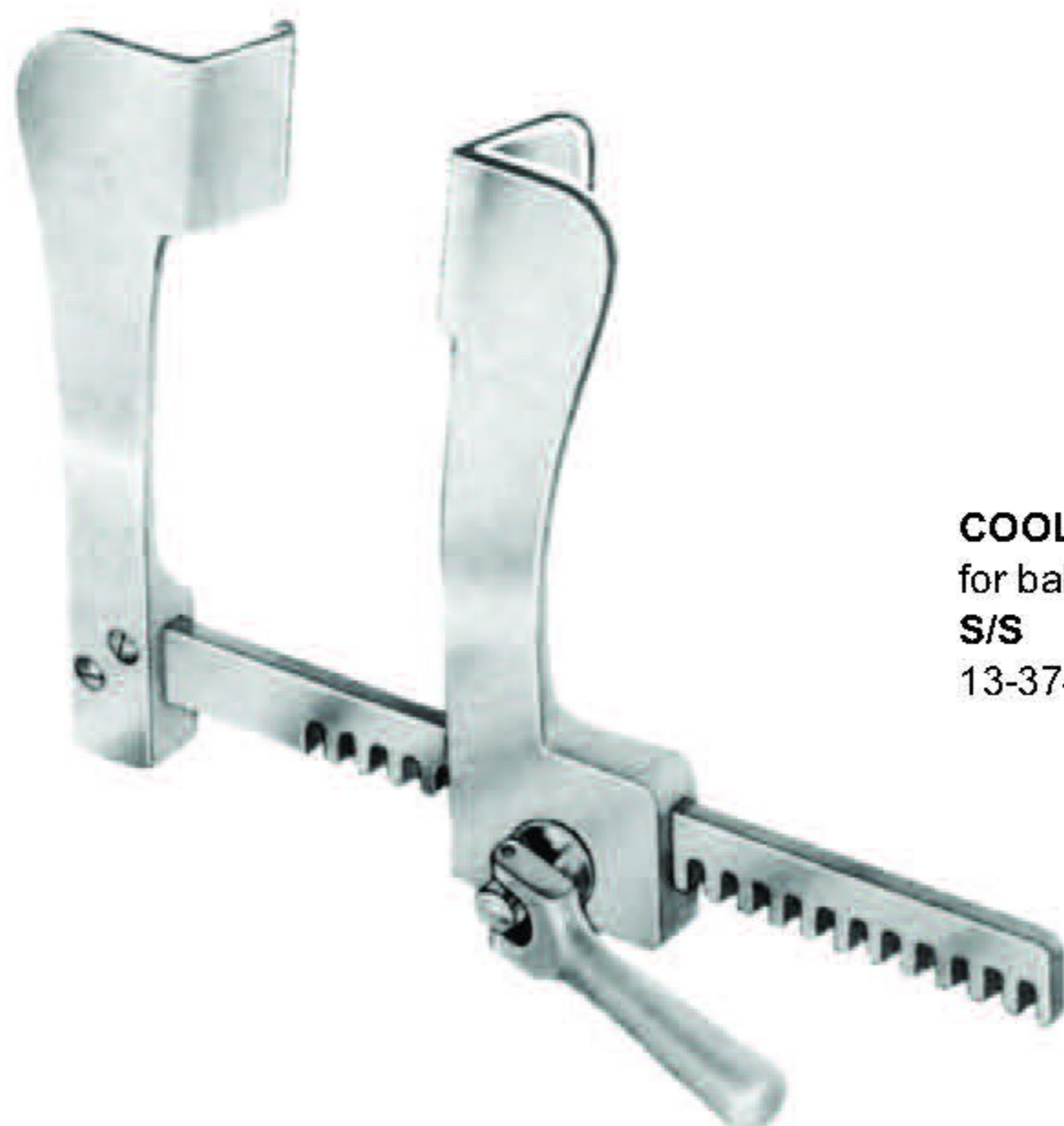
13-3744-01

13-3744-11

15mm

20mm

100mm



COOLEY

for babies

S/S

ALU

a

b

c

13-3745-01

13-3746-01

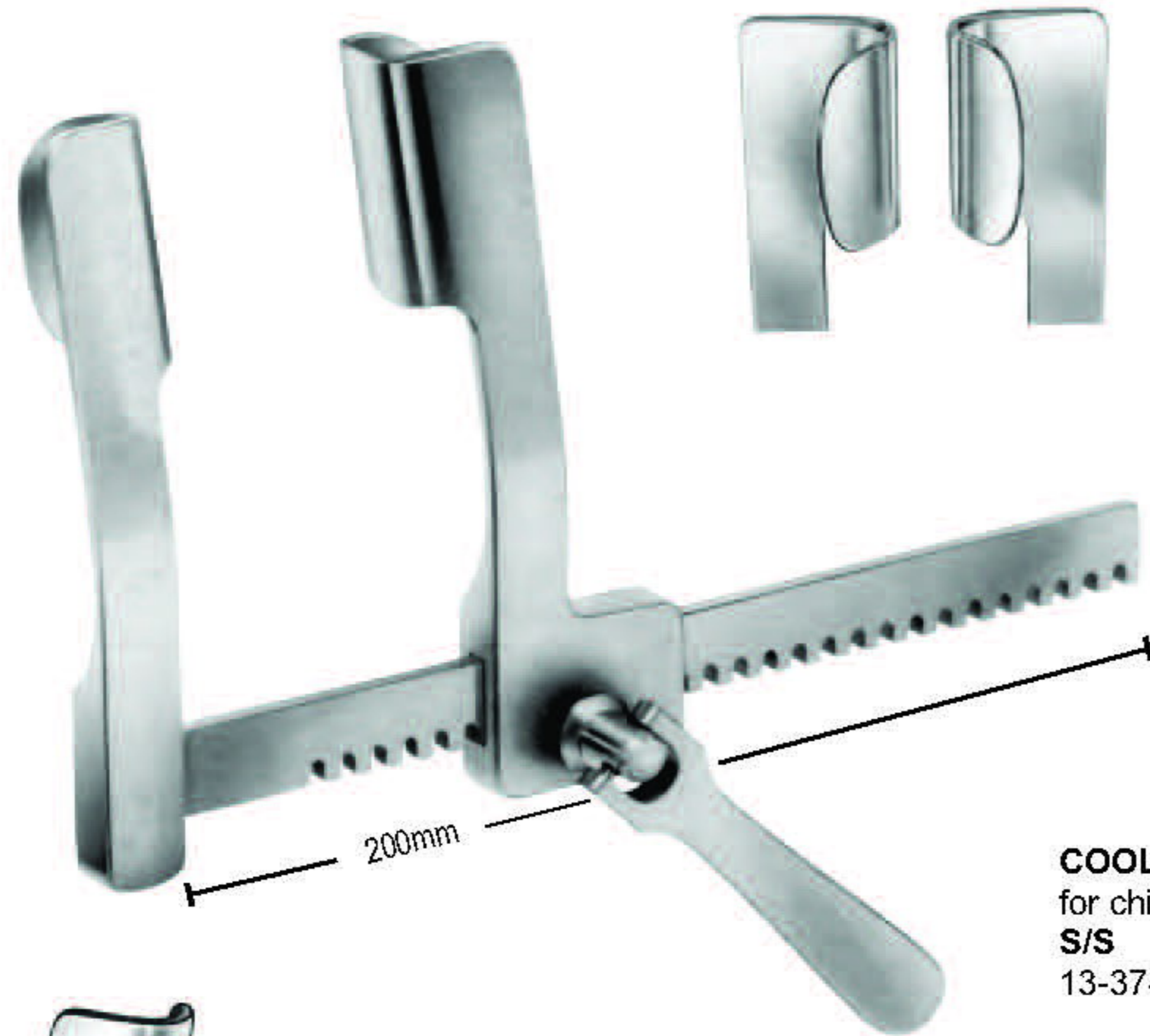
20mm

25mm

80mm

EN	Rib Spreaders
DE	Rippensperrer
ES	Separadores costales
FR	Épandeurs de côtes
IT	Spargisale

CARDIOVASCULAR



COOLEY
for children

S/S	ALU	a	b	c
13-3747-01	13-3748-01	21mm	45mm	145mm

for adult

13-3747-02	13-3748-02	32mm	50mm	190mm
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COOLEY
for children

S/S	ALU	a	b	c
13-3749-01	13-3750-01	35mm	100mm	180mm

for adult

13-3749-02	13-3750-02	35mm	115mm	230mm
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COOLEY
for adults with suture separator

S/S	ALU	a	b	c
13-3751-01	13-3752-01	35mm	100mm	180mm



H-COOLEY

with swivel convex blades, for babies

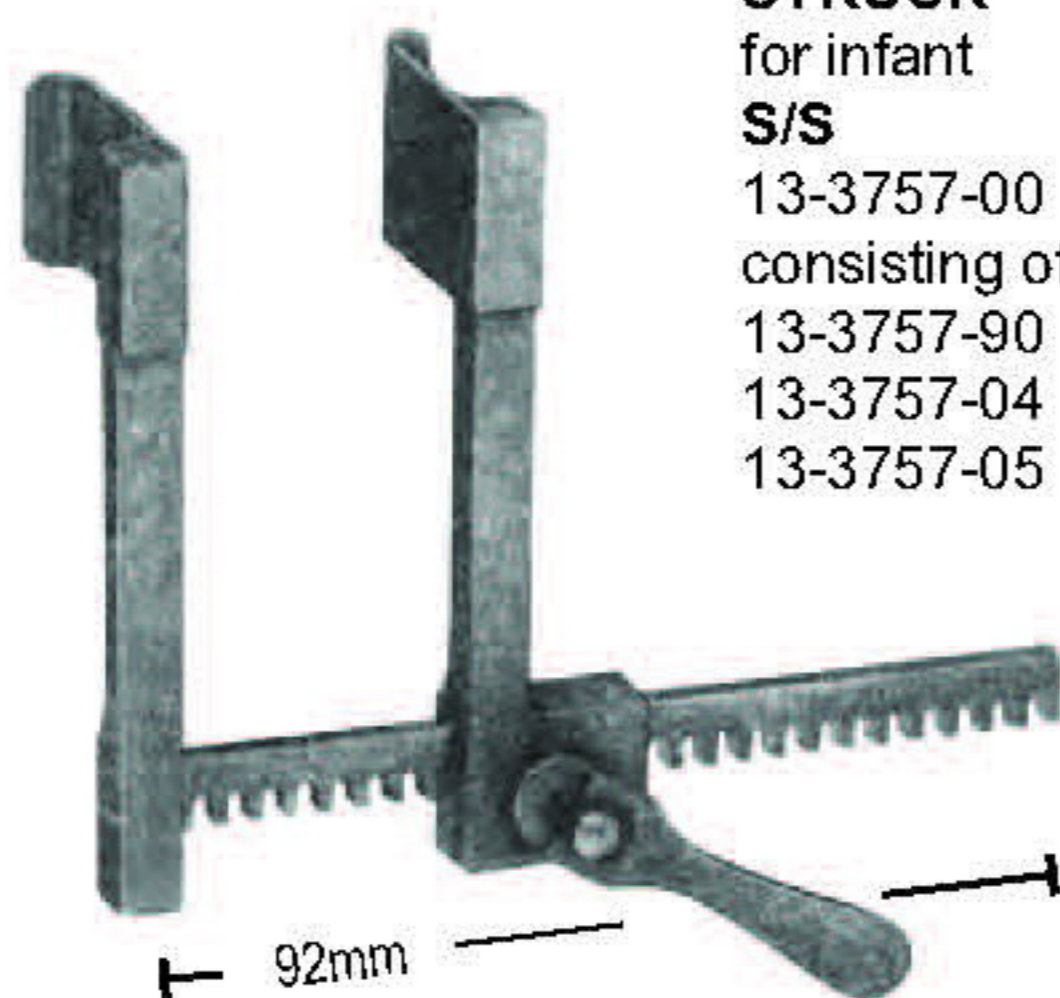
S/S	ALU	a	b	c
13-3753-01	13-3754-01	10mm	15mm	90mm



H-COOLEY

with swivel blades, for babies

S/S	ALU	a	b	c
13-3755-02	13-3756-02	10mm	15mm	90mm



STRUCK
for infant

S/S	ALU
13-3757-00	13-3757-01
13-3757-90	spreader only
13-3757-04	1 pair
13-3757-05	1 pair



S/S blades only

13-3757-01
10x10mm



13-3757-02
10x15mm



13-3757-03
10x20mm



13-3757-04
15x20mm



13-3757-05
20x20mm

EN Rib Spreaders

DE Rippensperrer

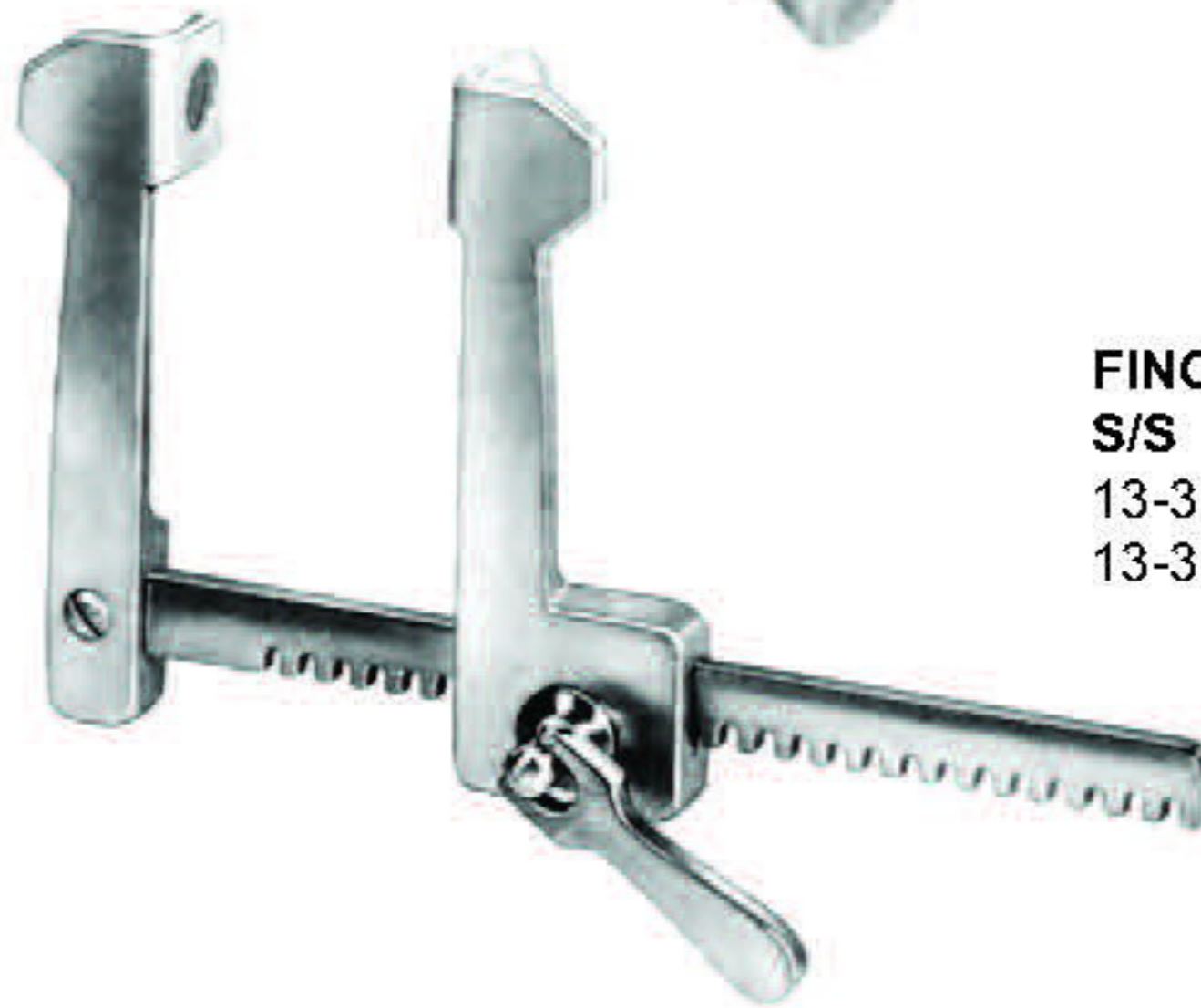
ES Separadores costales

FR Épandeurs de côtes

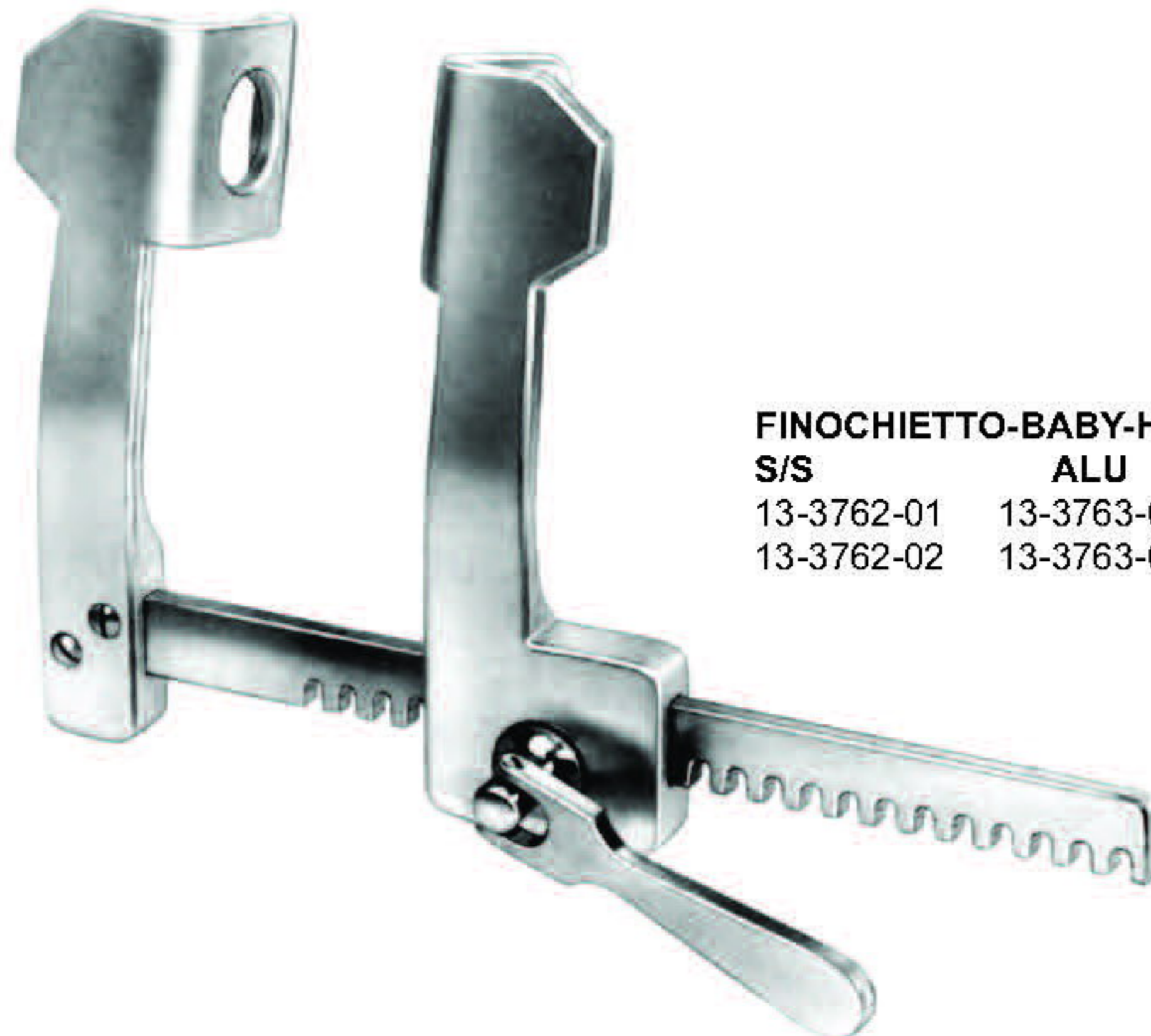
IT Spargisale

**WEINBERG**
for children

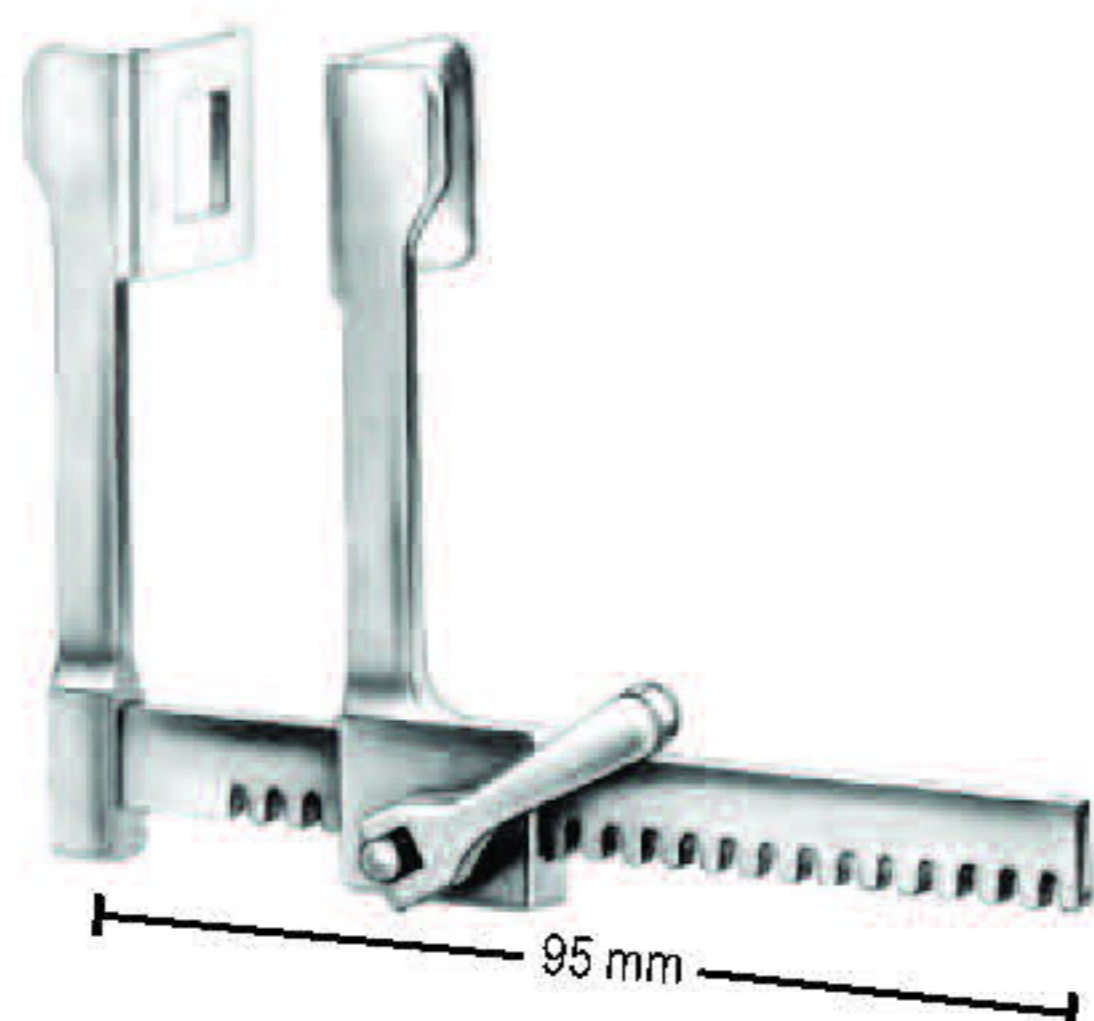
S/S	ALU	a	b	c
13-3758-01	13-3759-01	12mm	20mm	95mm

**FINOCHIETTO-INFANT**

S/S	ALU	a	b	c
13-3760-01	13-3761-01	12mm	15mm	70mm
13-3760-02	13-3761-02	15mm	15mm	75mm

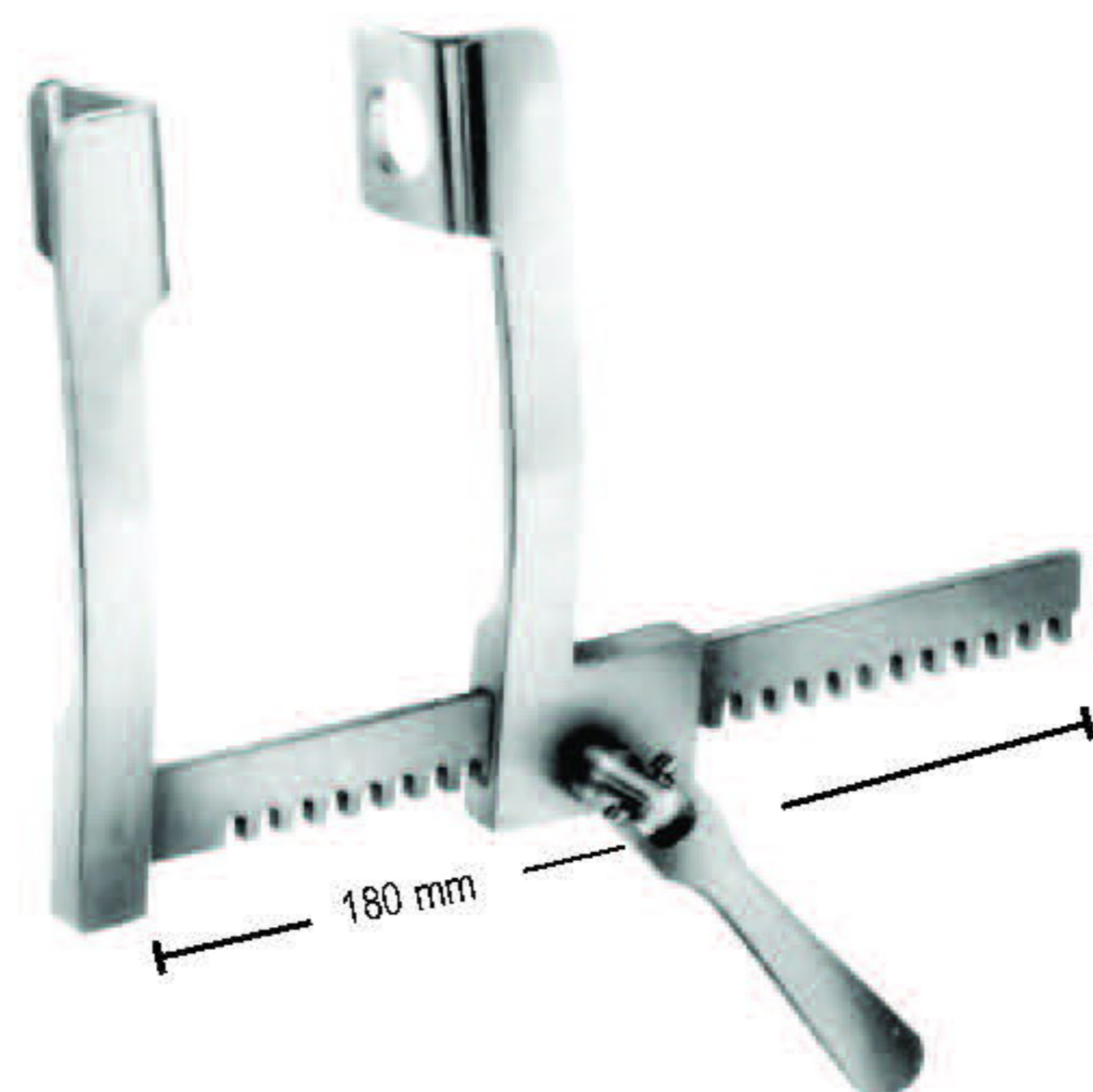
**FINOCHIETTO-BABY-HAIGHT**

S/S	ALU	a	b	c
13-3762-01	13-3763-01	27mm	30mm	95mm
13-3762-02	13-3763-02	31mm	31mm	100mm



FINOCHIETTO-BABY

S/S	ALU	a	b	c
13-3764-01	13-3765-01	14mm	15mm	75mm
13-3764-02	13-3765-02	18mm	20mm	75mm



S/S	ALU	a	b	c
13-3766-01	13-3767-01	28mm	32mm	120mm



FINOCHIETTO

S/S	ALU	a	b	c
13-3768-01	13-3769-01	12mm	15mm	100mm
13-3768-02	13-3769-02	28mm	30mm	143mm
13-3768-03	13-3769-03	31mm	45mm	210mm
13-3768-04	13-3769-04	42mm	61mm	245mm
13-3768-05	13-3769-05	74mm	64mm	245mm

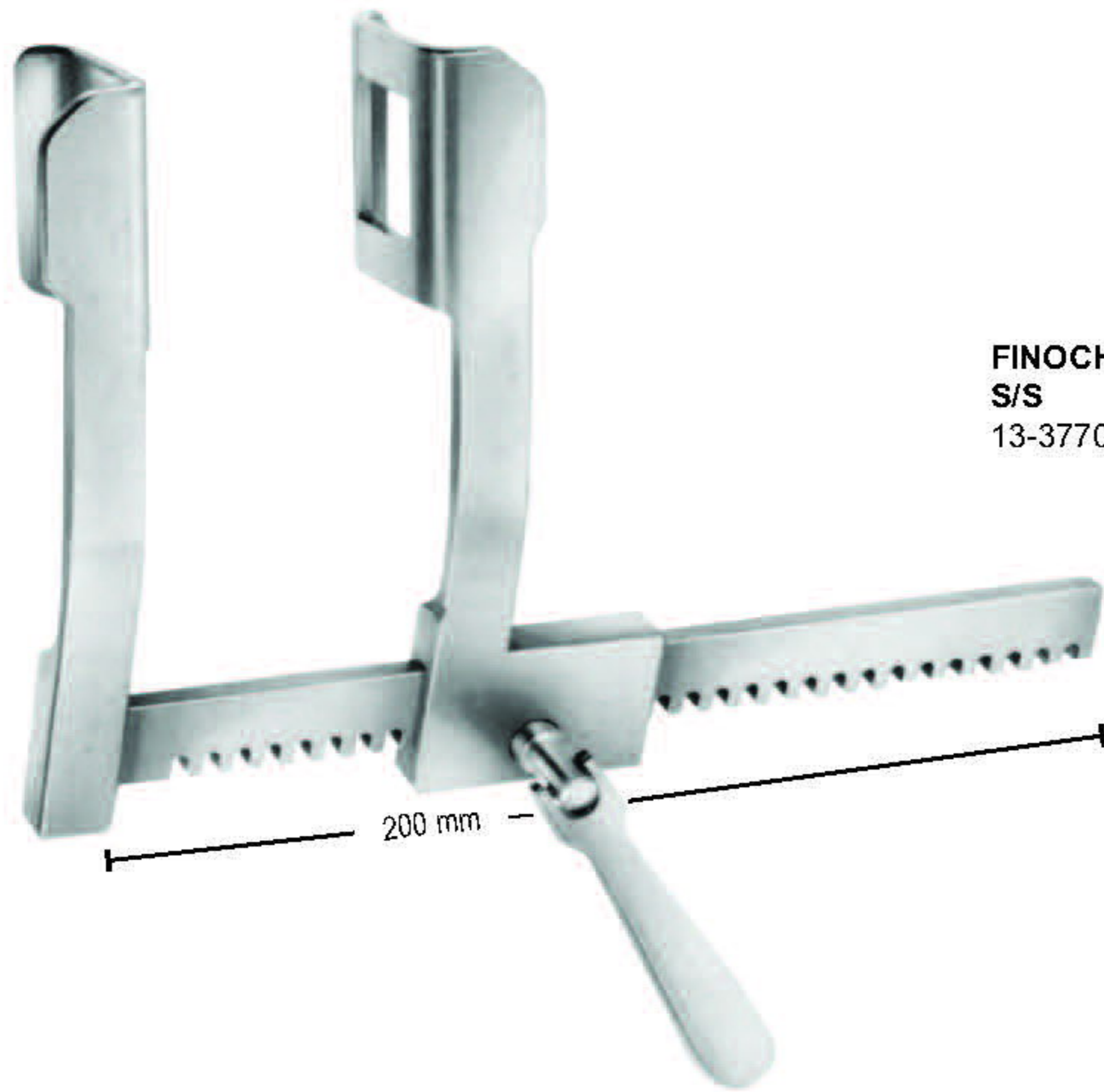
EN Rib Spreaders

DE Rippensperrer

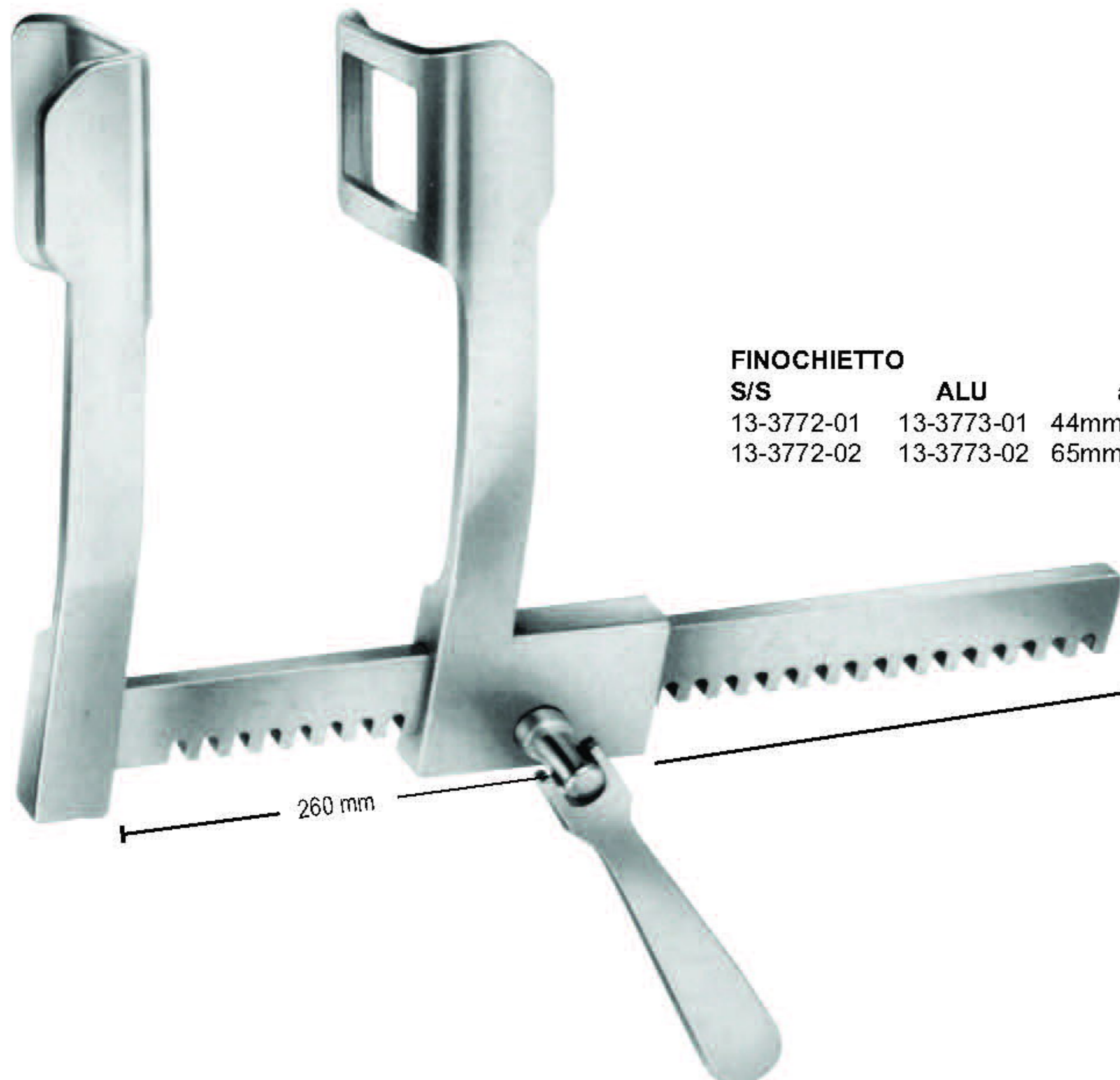
ES Separadores costales

FR Épandeurs de côtes

IT Spargisale

**FINOCHIETTO**

S/S	ALU	a	b	c
13-3770-01	13-3771-01	36mm	45mm	140mm

**FINOCHIETTO**

S/S	ALU	a	b	c
13-3772-01	13-3773-01	44mm	65mm	210mm
13-3772-02	13-3773-02	65mm	65mm	210mm

- EN** Tonsil
- DE** Mandel
- ES** Amígdala
- FR** Amygdale
- IT** Tonsilla

Page 186 to 196



- EN Tonsil Needles and Ligature Carriers
- DE Tonsillennadeln, Ligature carrier
- ES Agujas para suturas de amígdalas, portalingaduras
- FR Aiguilles à amygdales et porte-ligatures
- IT Aghi tonsillari e portamateriali

TONSIL



Luniatschek
14-3951-19
19 cm



Luniatschek
14-3952-19
19 cm

Gauze Packers



Day
14-3953-21
21.5 cm



Hurd
14-3954-01
21 cm



Hurd
14-3954-02
21 cm



Nager
14-3955-24
24 cm/9½"



Falk
14-3956-24
24 cm/9½"



Falk
14-3957-24
24 cm/9½"

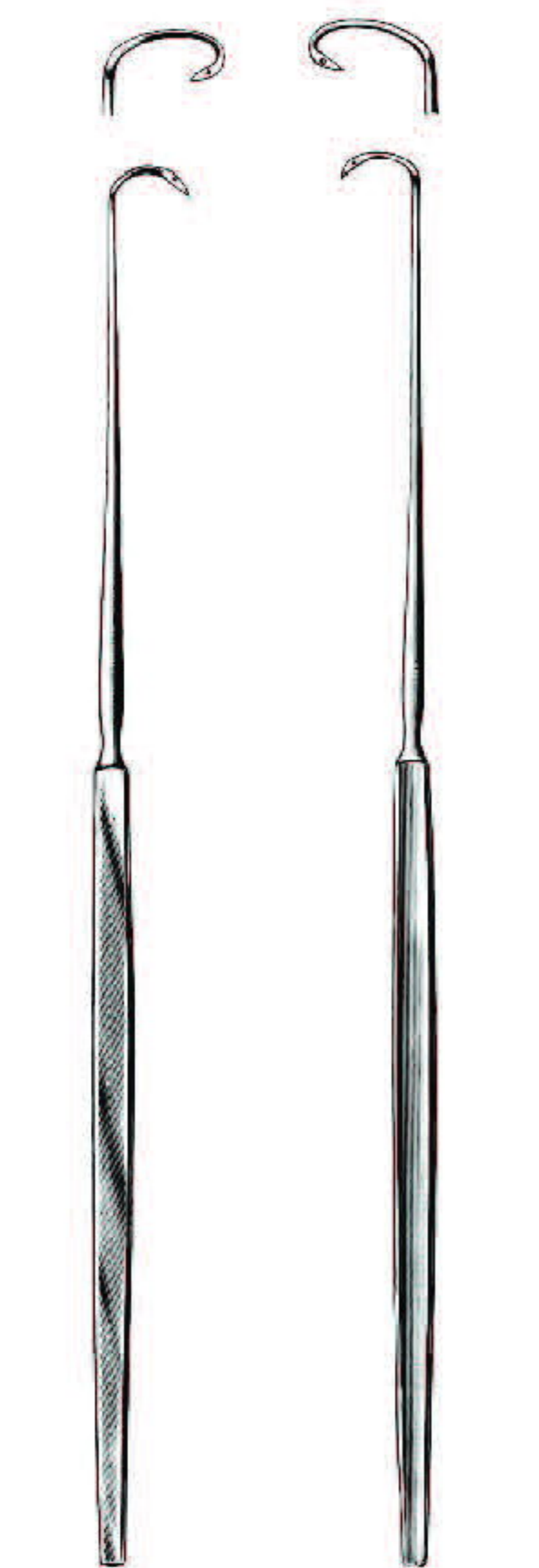


Claus-Eicken
14-3958-23
23 cm/9"



DURHAM
14-3959-01 25.0cm 14-3959-02





ROTTER
 14-3960-01 26.0cm 14-3960-02



Fischer
 14-3961-22
 22.5 cm/8 7/8"



Douglas
 14-3962-21
 21 cm/8 1/4"



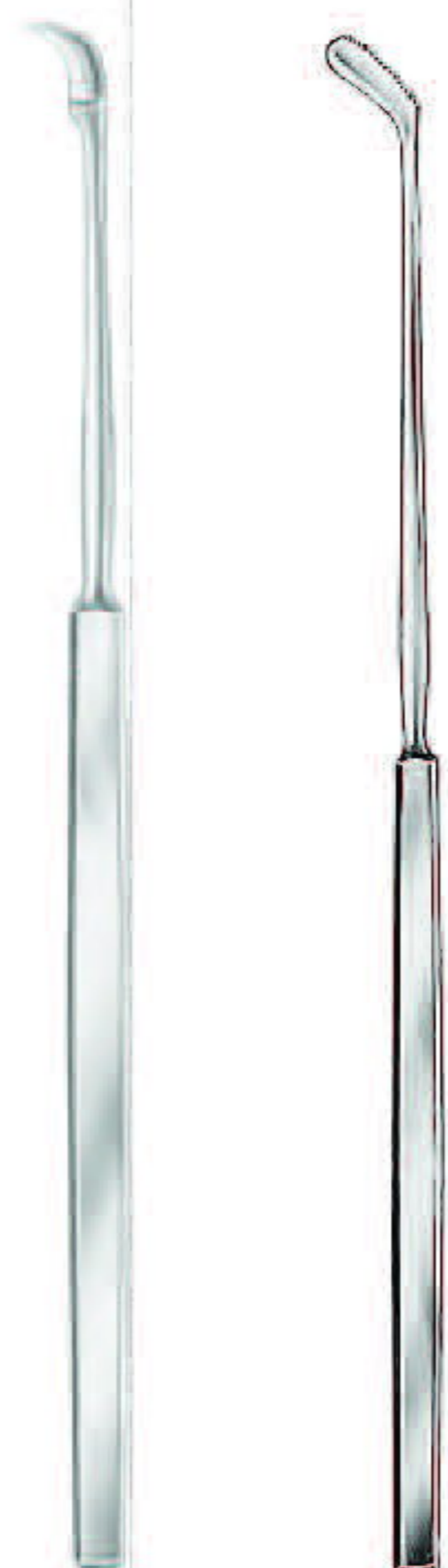
Abraham
 14-3963-21
 21 cm/8 1/4"



Bruenings
 14-3964-23
 23 cm/9"



Tydins
 14-3965-21
 21 cm



Canfield
 14-3966-21
 21 cm/8 1/4"



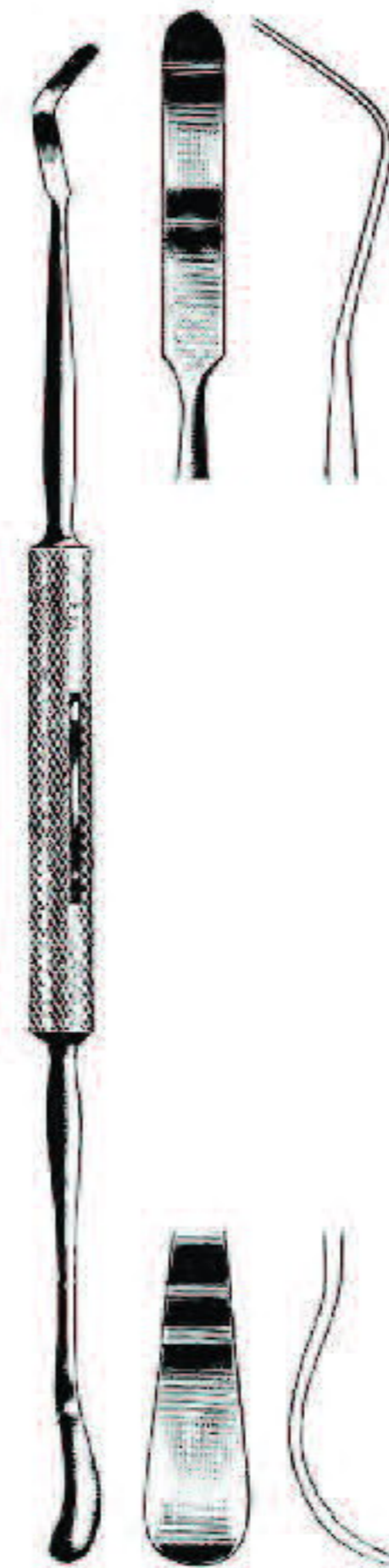
Colver
 14-3967-22
 22.5cm



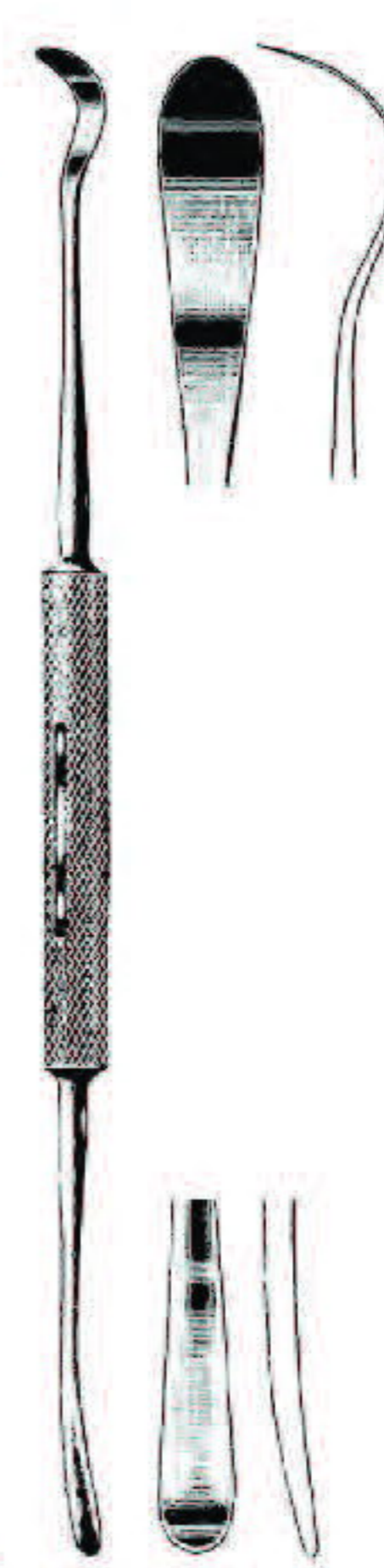
Dupy-Weiss
 14-3968-01 22.0cm 14-3968-02



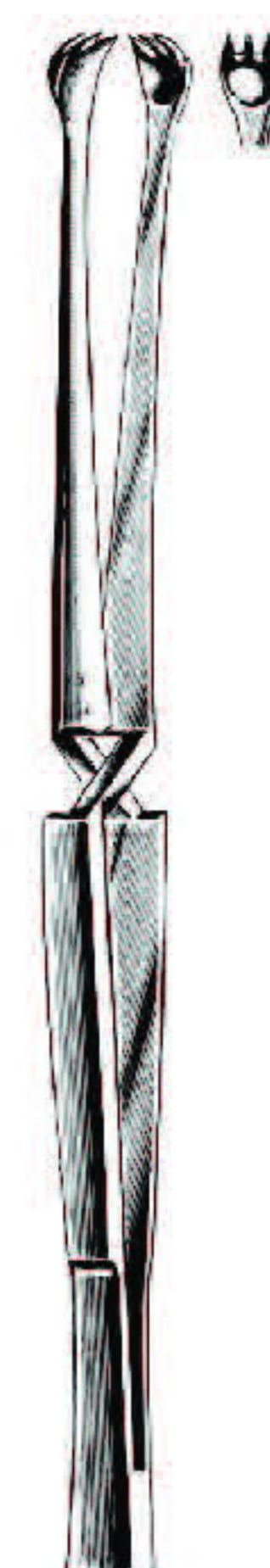
Lynch
 14-3969-20
 20.0cm



Carpenter
 14-3970-25
 25.0cm



Carpenter
 14-3971-24
 24.0cm



Marschik
 14-3972-22
 22.0cm

TONSIL



Negus Knot Tier and Pusher
 14-3973-20
 20cm/8"

Molison Pillar
 double ended
 14-3974-21
 21cm/8 1/4"

Gwynee Evans Dissector
 double ended
 14-3975-06
 6mm, 20cm/8"
 14-3975-08
 8mm, 20cm/8"

Hurd
 14-3976-22
 22.5 cm/8 7/8"

Yankauer
 14-3977-21
 21 cm/8 1/4"

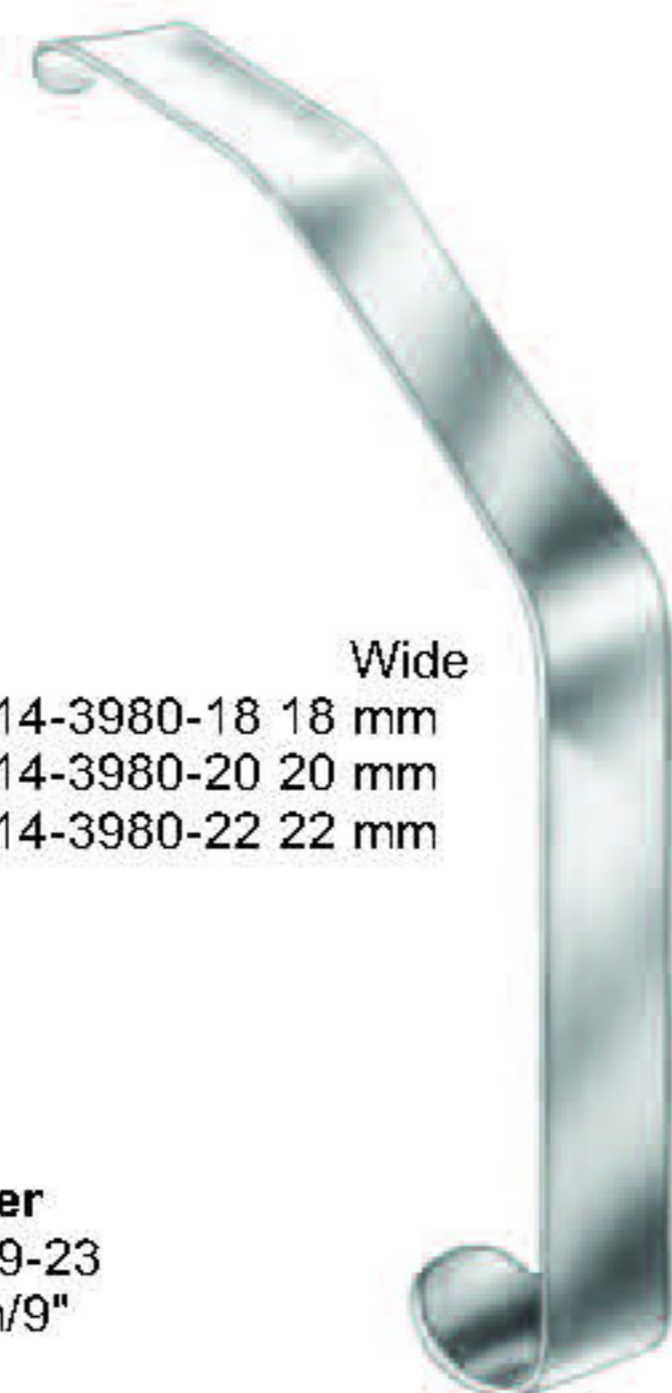
14-3978-01

Henke
 23 cm/9"

14-3978-02



Nager
 14-3979-23
 23 cm/9"



Wide
 14-3980-18 18 mm
 14-3980-20 20 mm
 14-3980-22 22 mm

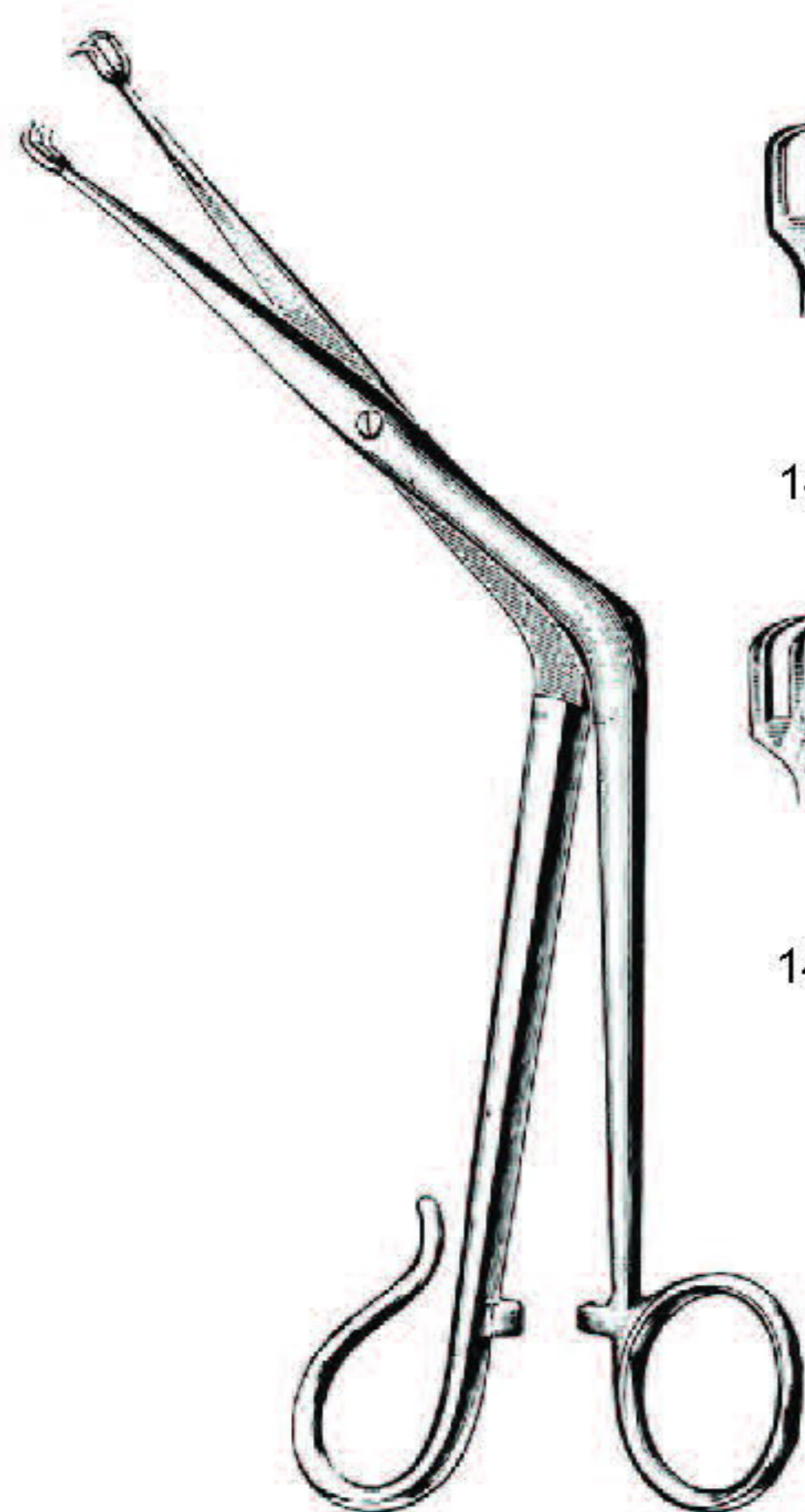
Love
 23 cm/9"



Haslinger
 14-3981-16



Hofer
 14-3982-24
 24 cm/9 1/2"



TIVNEN-TYDING
21.0cm

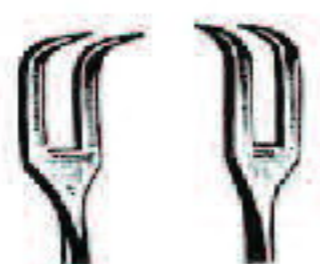


Fig. 1
14-3983-01

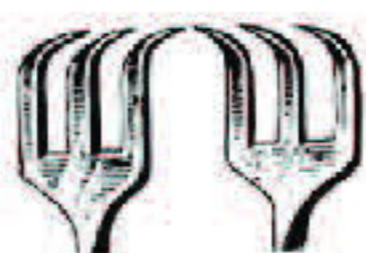
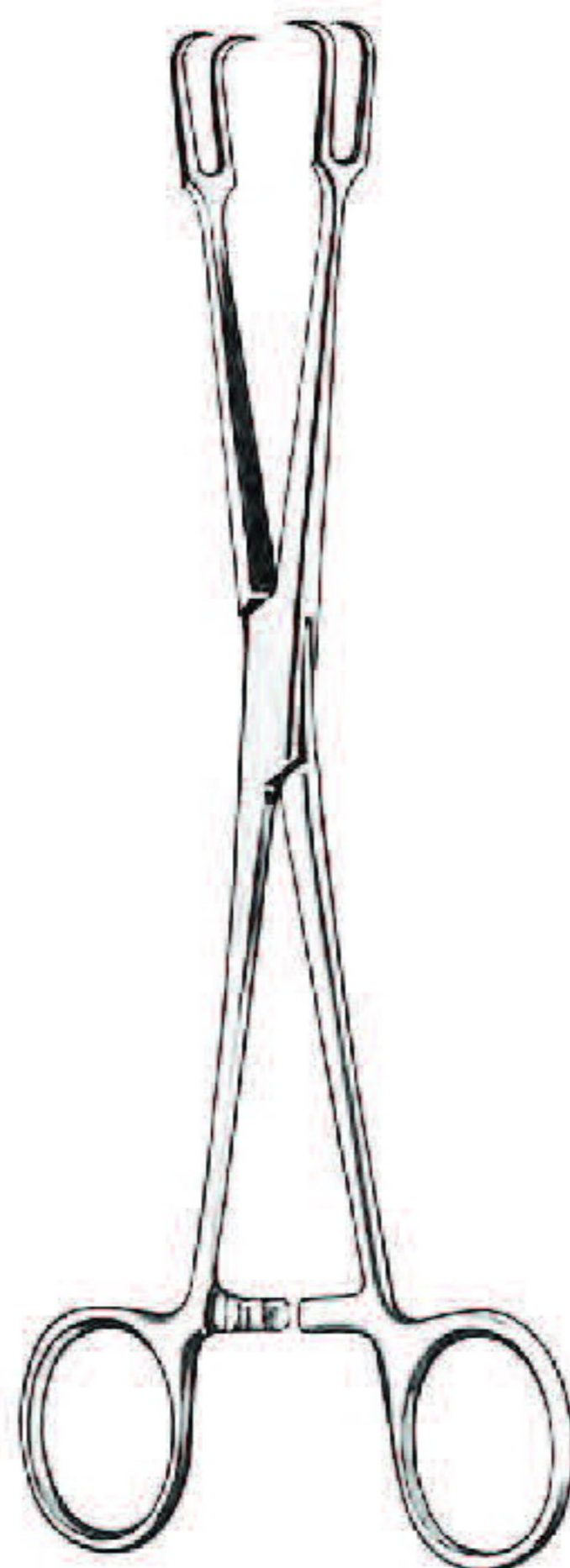
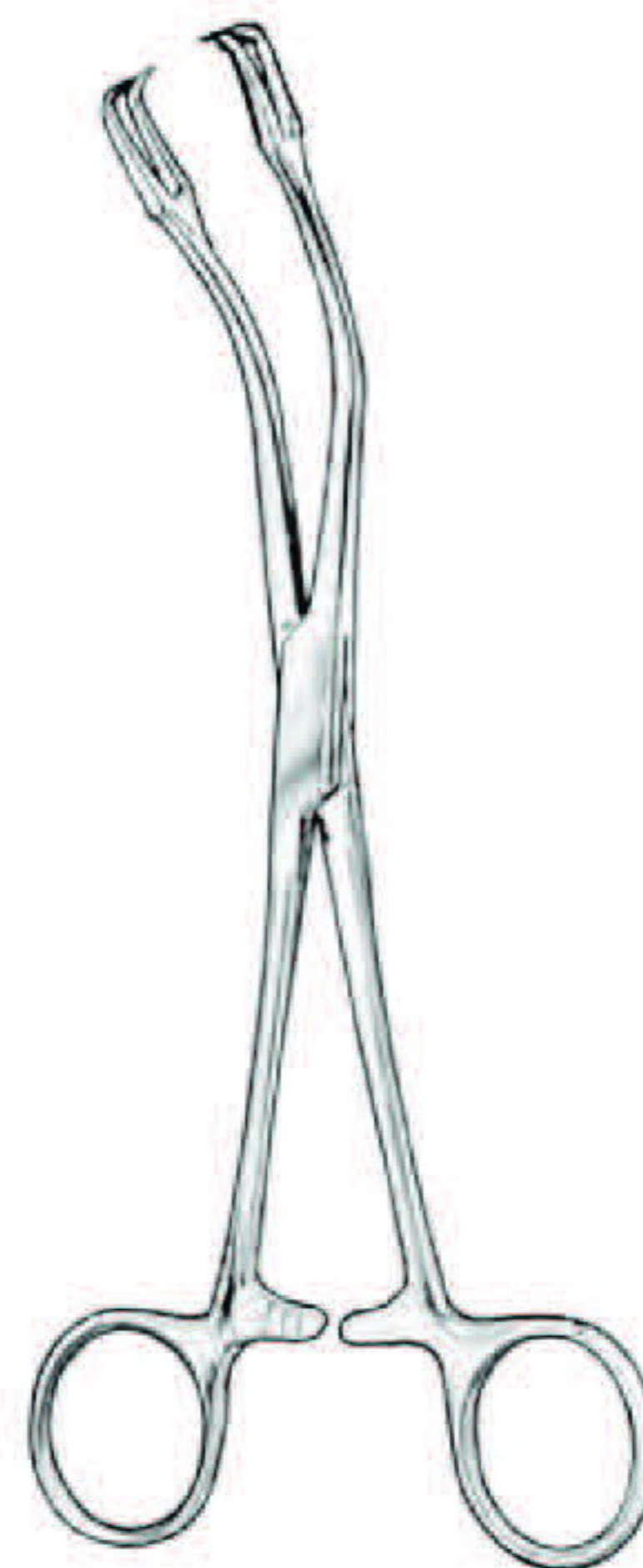


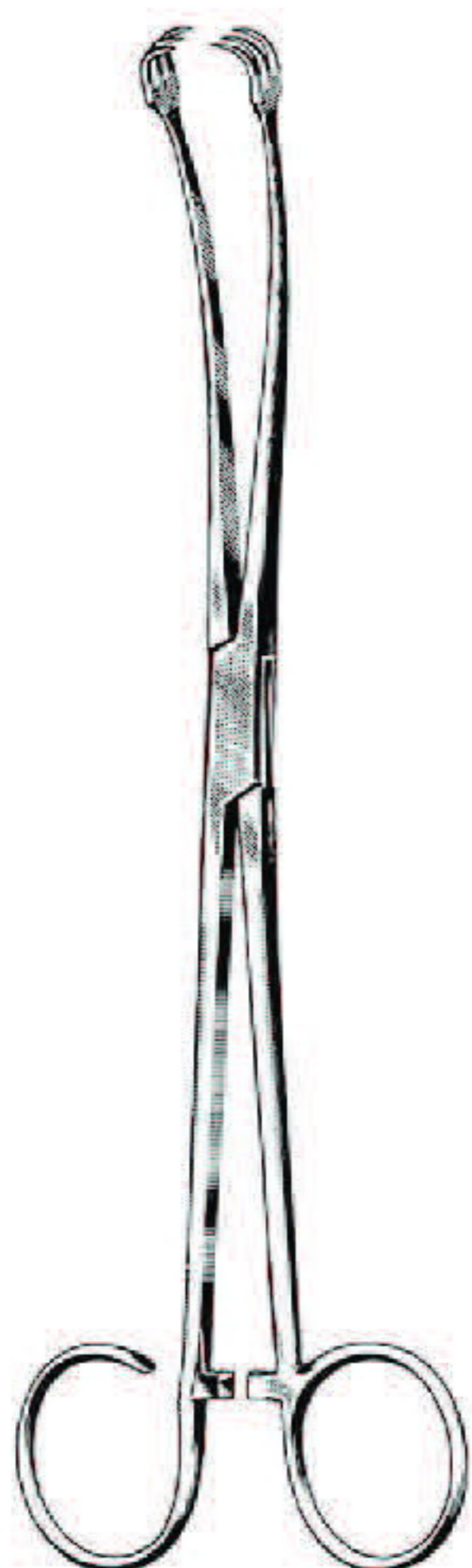
Fig. 2
14-3983-02



MUSEUX
14-3984-20
20.0cm



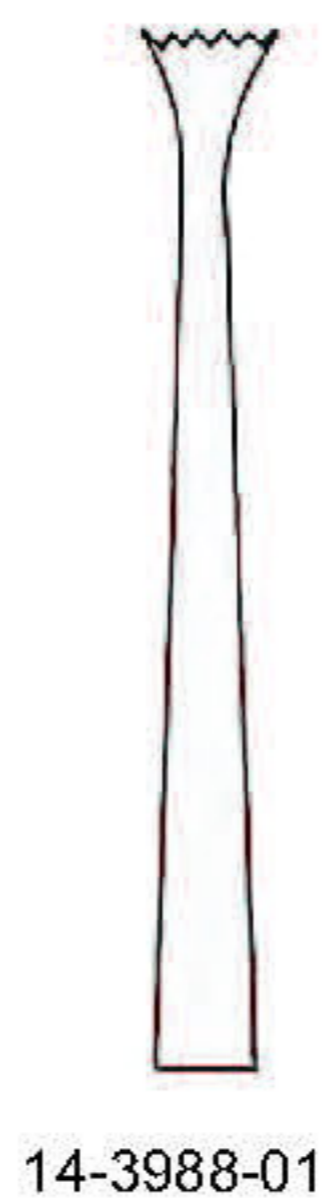
MUSEUX
14-3985-20
20.0cm



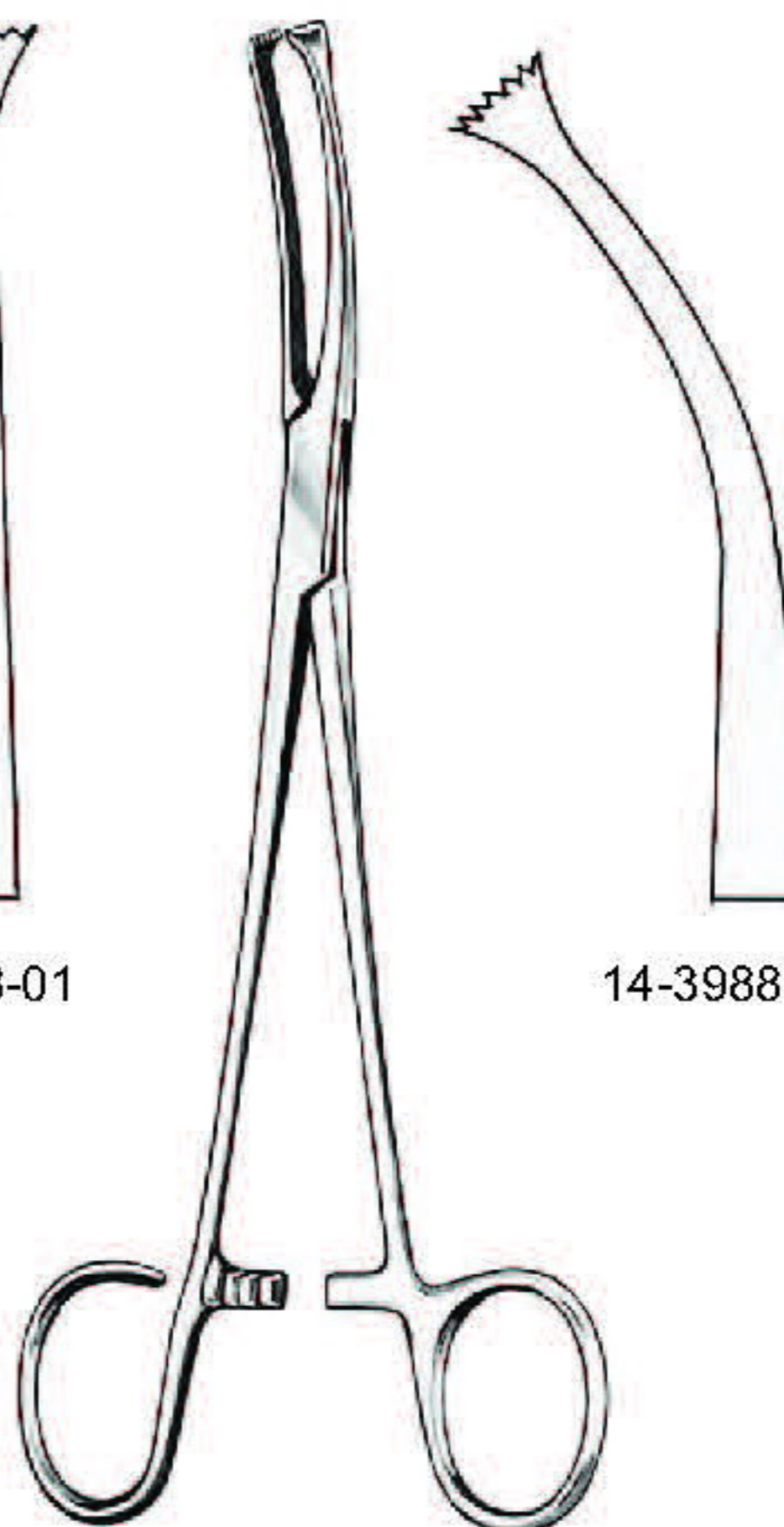
BALLENGER
14-3986-21
21.5cm



WHITE
14-3987-18 18.0cm
14-3987-23 23.0cm



14-3988-01

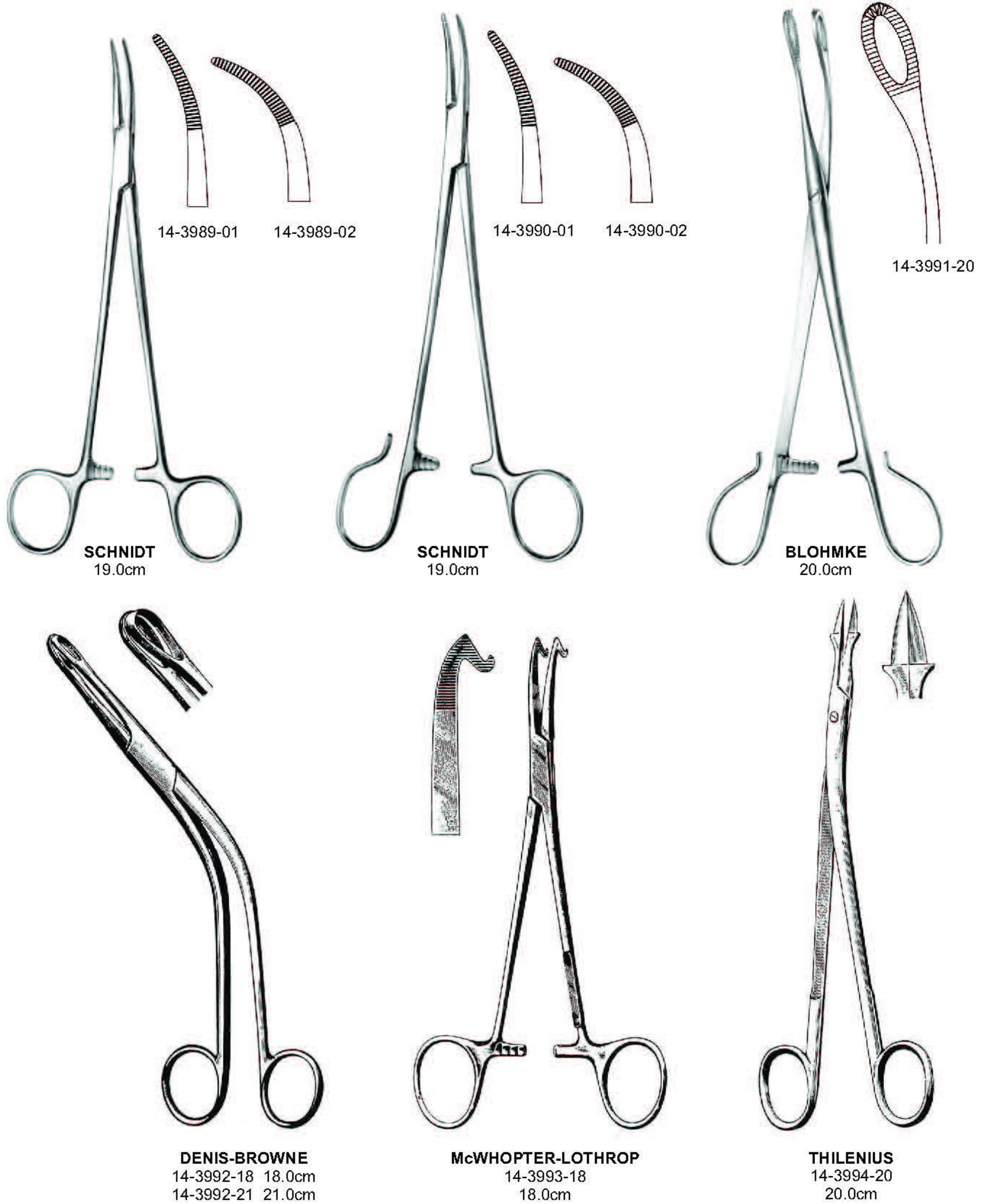


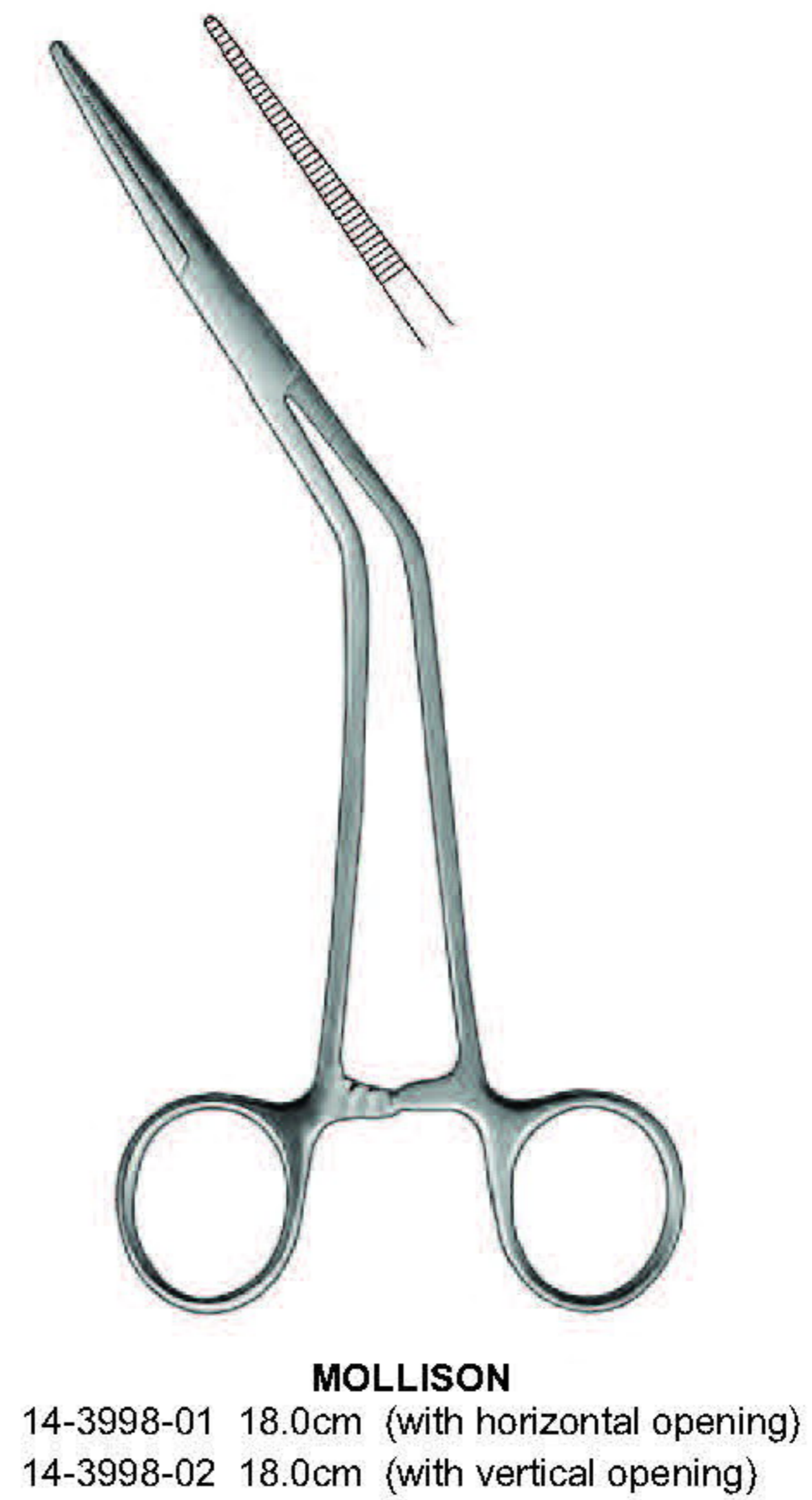
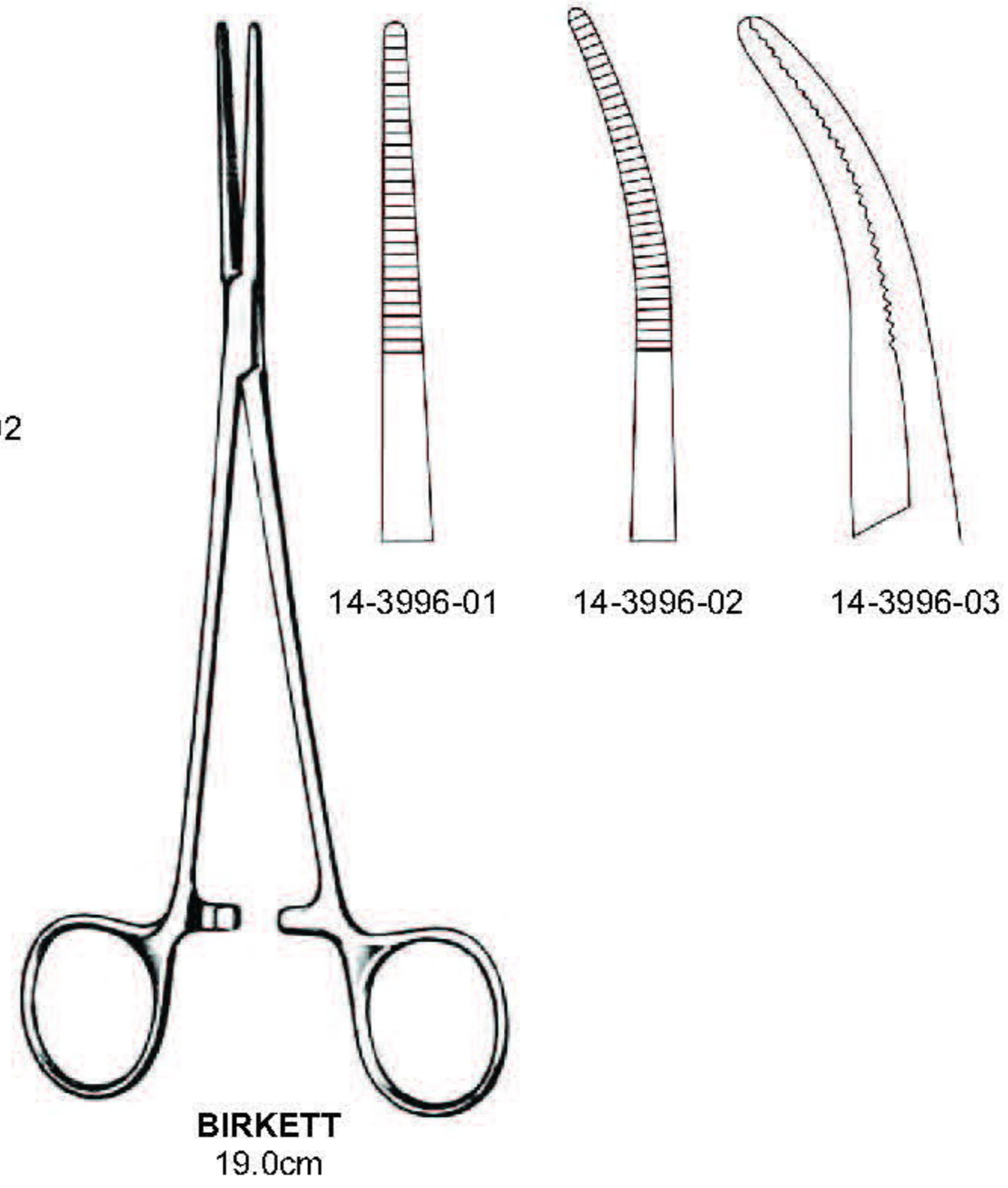
COLVER
19.0cm

14-3988-02

- EN Tonsil Haemostatic and Abscess Holding Forceps
- DE Tonsil Haemostatic und Abszessbesitzzange
- ES La amigdalita haemostatic yel absceso que tienen fórceps
- FR Tonsil hémostatique et abcès tenant pinces
- IT Pinza per presa emostatica e ascesso di tonsille

TONSIL





EN	Tonsil Snares
DE	Tonsillenschnürer
ES	Cierra-nudos para amígdalas
FR	Snares amygdales
IT	Tonsil Snares

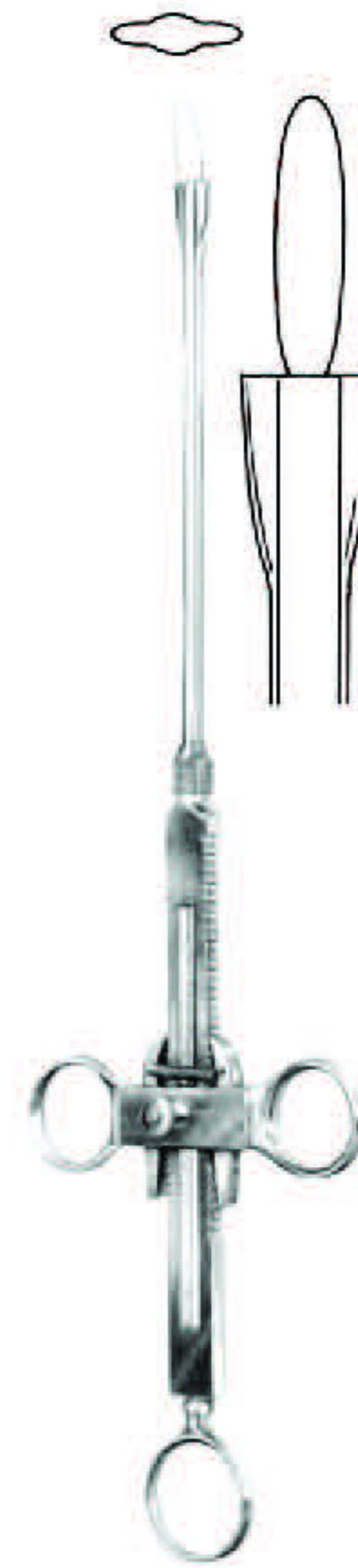
TONSIL



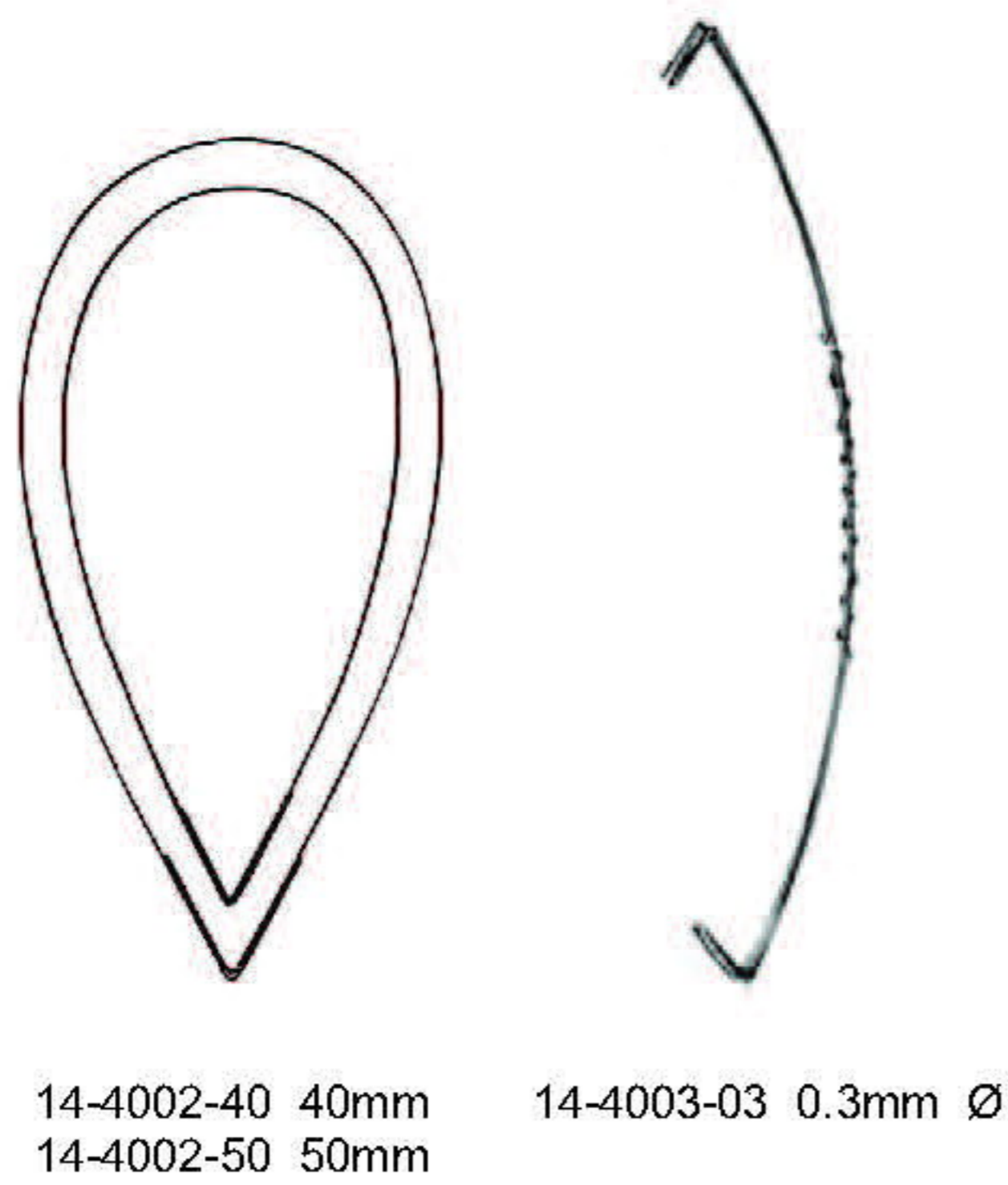
Eyes
14-3999-28
28 cm/11"



Eyes
14-4000-28
28 cm/11"

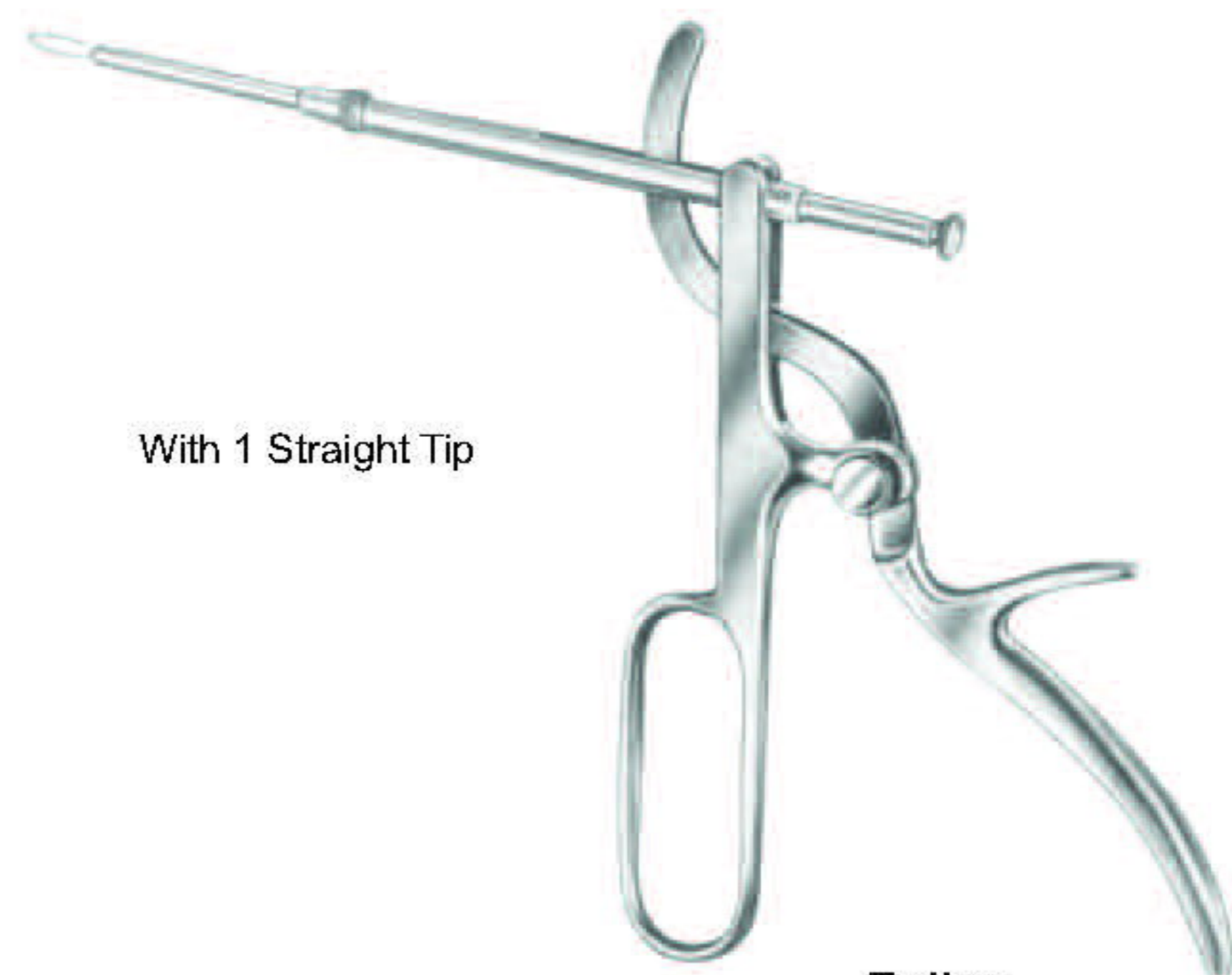


Bruenings
14-4001-28
28 cm/11"



14-4002-40 40mm
14-4002-50 50mm

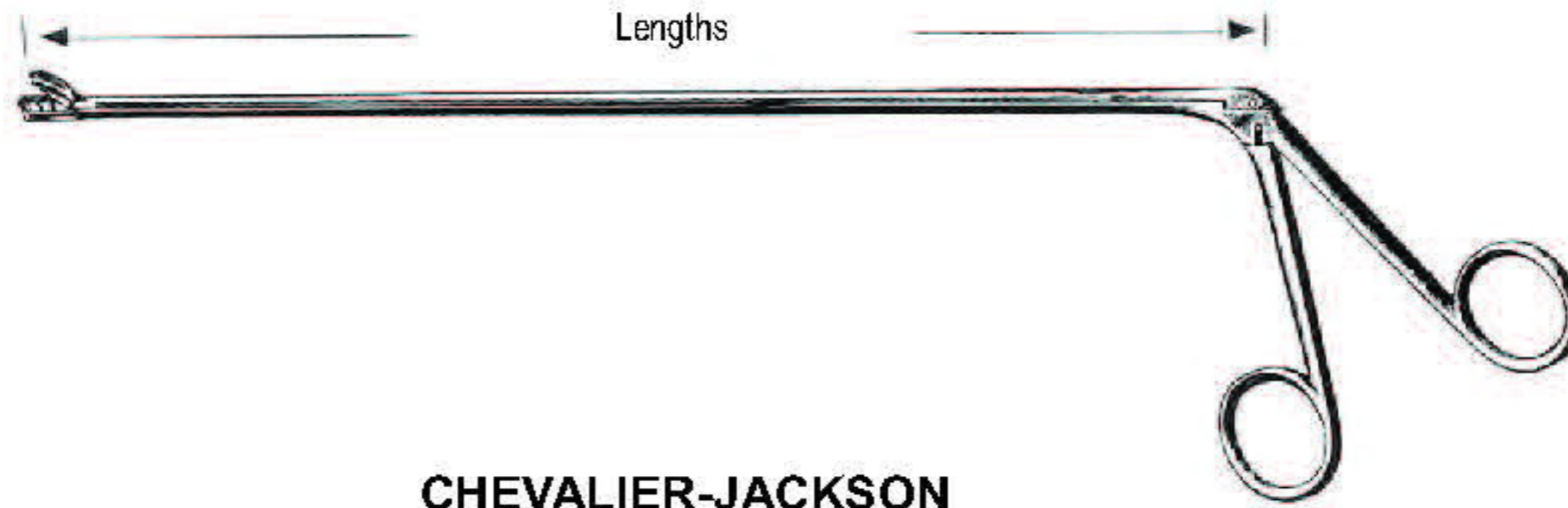
14-4003-03 0.3mm Ø



With 1 Straight Tip

Tyding
14-4004-00

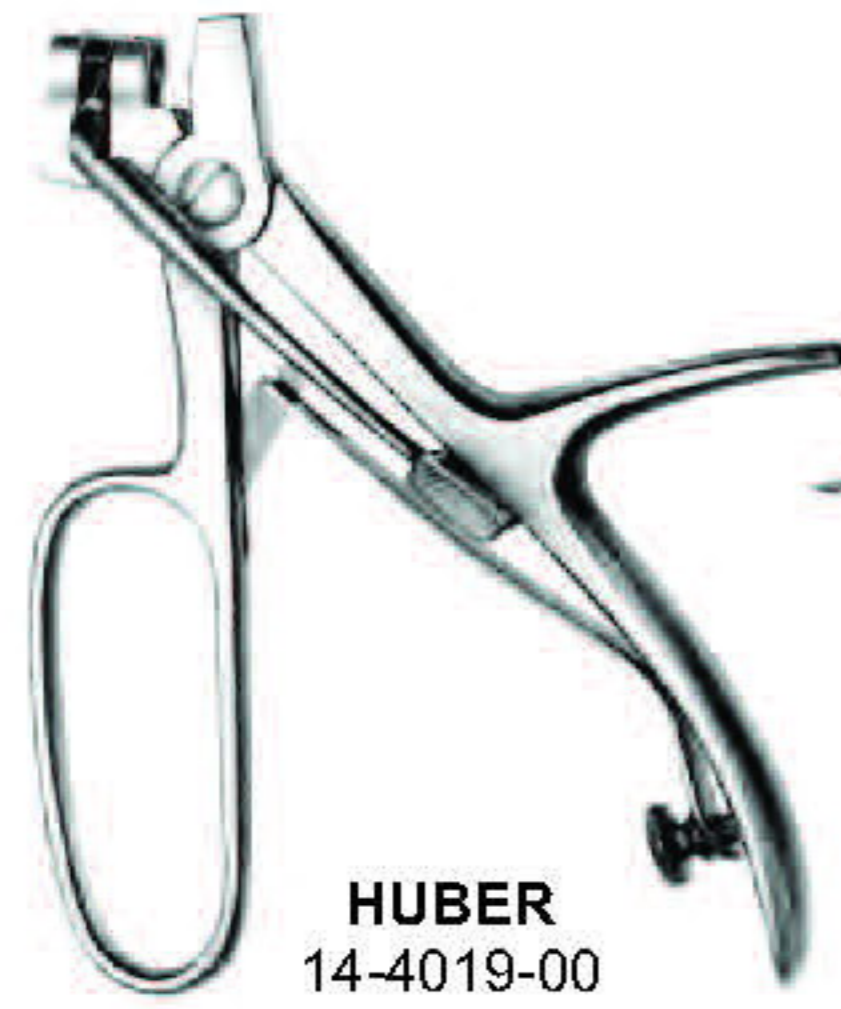
Broncho-Esophagoscopy Forceps	EN
Broncho-Oesophagoskopiezangen	DE
pinzas para bronco-esofagoscopia	ES
Forceps de broncho-oesophagoscopie	FR
Pinza per bronchi-esofagoscopia	IT



CHEVALIER-JACKSON



30.0cm	14-4012-30	14-4013-30	14-4014-30	14-4015-30	14-4016-30	14-4017-30	14-4018-30
40.0cm	14-4012-40	14-4013-40	14-4014-40	14-4015-40	14-4016-40	14-4017-40	14-4018-40
50.0cm	14-4012-50	14-4013-50	14-4014-50	14-4015-50	14-4016-50	14-4017-50	14-4018-50
60.0cm	14-4012-60	14-4013-60	14-4014-60	14-4015-60	14-4016-60	14-4017-60	14-4018-60



HUBER
14-4019-00



BRUENINGS (straight)
 14-4019-20 20.0cm
 14-4019-30 30.0cm
 14-4019-40 40.0cm
 14-4019-50 50.0cm
 14-4019-60 60.0cm



BRUENINGS
14-4020-00



BRUENINGS
14-4021-20
20.0cm

TONSIL



FRAENKEL
14-4022-00



BARACANI
14-4023-00



SEIFFERT
14-4024-00



FRAENKEL
14-4025-00



BRUENINGS
14-4026-01
14-4026-02



BRUENINGS
14-4027-01
14-4027-02



LANGE
14-4028-00



KRAUSE
14-4029-01
14-4029-02



SCHUMACHER
14-4030-00



CORDES
14-4031-01
14-4031-02



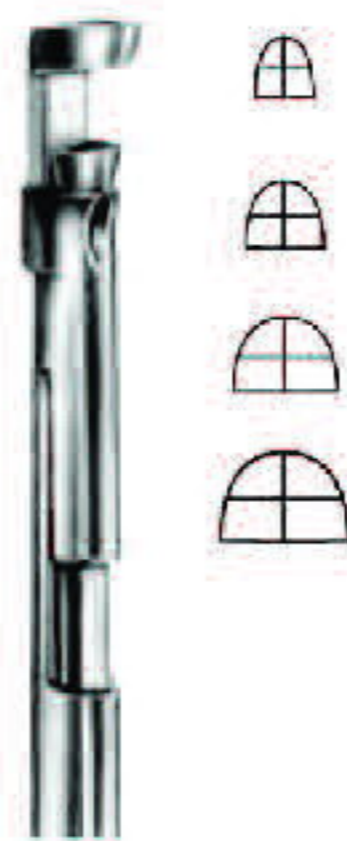
CORDES
14-4032-00



ROSENBERG
14-4033-00



KRAUSE
14-4034-00



CORDES
14-4035-01
14-4035-02
14-4035-03
14-4035-04



SCH EINMANN
14-4036-00



SCH EINMANN
14-4037-00



14-4038-11



14-4039-10



14-4040-11



14-4041-12



14-4042-00



MICHEL
25.0cm



14-4043-12



14-4043-14



14-4043-16



14-4043-18



14-4044-08

14-4044-10

14-4044-12

14-4044-14

14-4044-16

14-4044-18

14-4044-20

14-4044-22

14-4044-24

14-4044-26

14-4044-28

14-4044-30

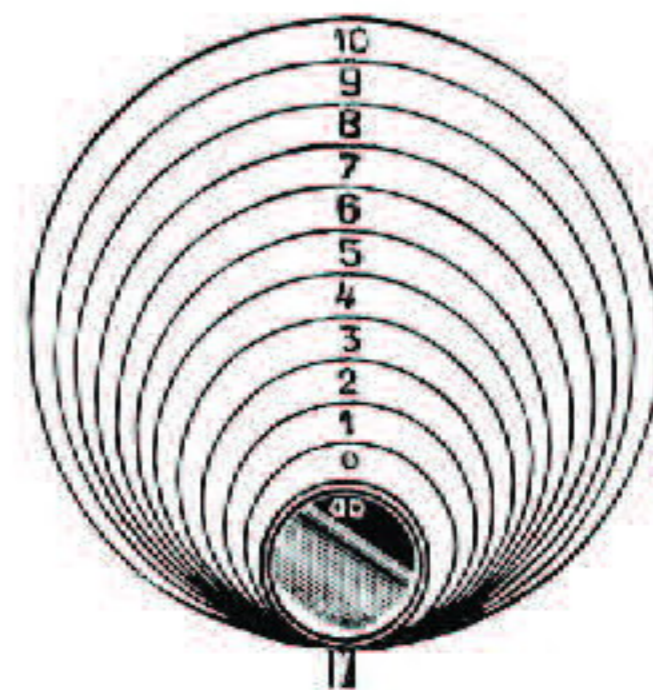


fig.00, 8mm Ø

fig.0, 10mm Ø

fig.1, 12mm Ø

fig.2, 14mm Ø

fig.3, 16mm Ø

fig.4, 18mm Ø

fig.5, 20mm Ø

fig.6, 22mm Ø

fig.7, 24mm Ø

fig.8, 26mm Ø

fig.9, 28mm Ø

fig.10,30mm Ø



14-4045-08

14-4045-10

14-4045-12

14-4045-14

14-4045-16

14-4045-18

14-4045-20

14-4045-22

14-4045-24

14-4045-26

14-4045-28

14-4045-30

EN	Laryngeal Polypus Forceps
DE	Kehlkopfpolypenzangen
ES	Pinzas para polipos laringeos
FR	Pince à polypes laryngés
IT	Forcipe del polipo laringeo

TONSIL



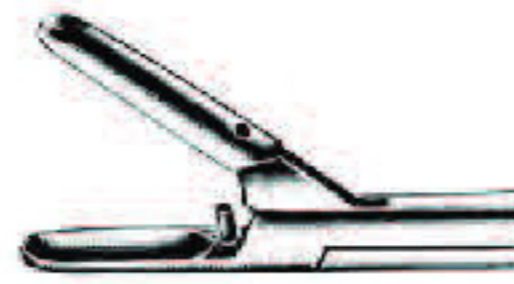
14-4046-01



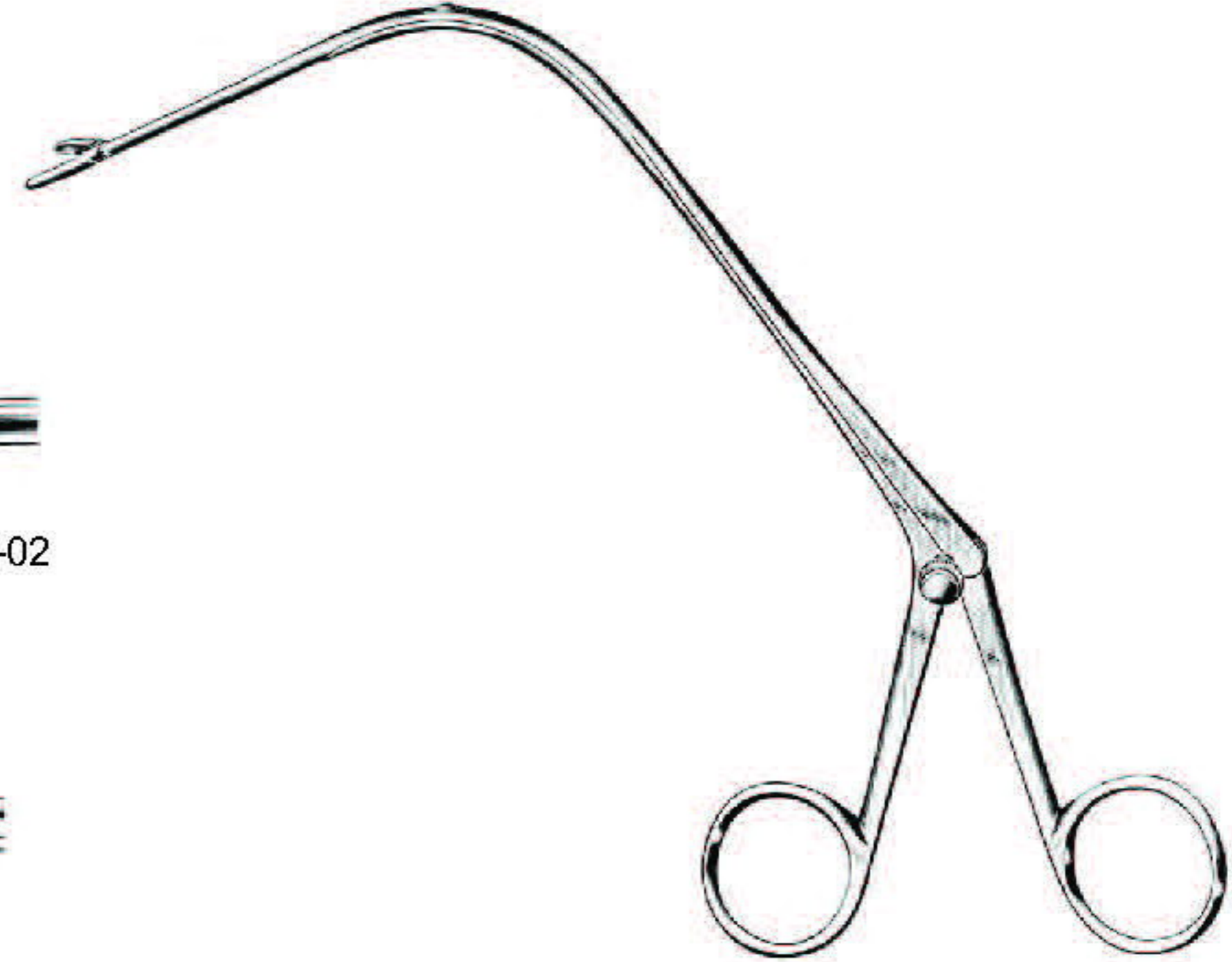
14-4046-02



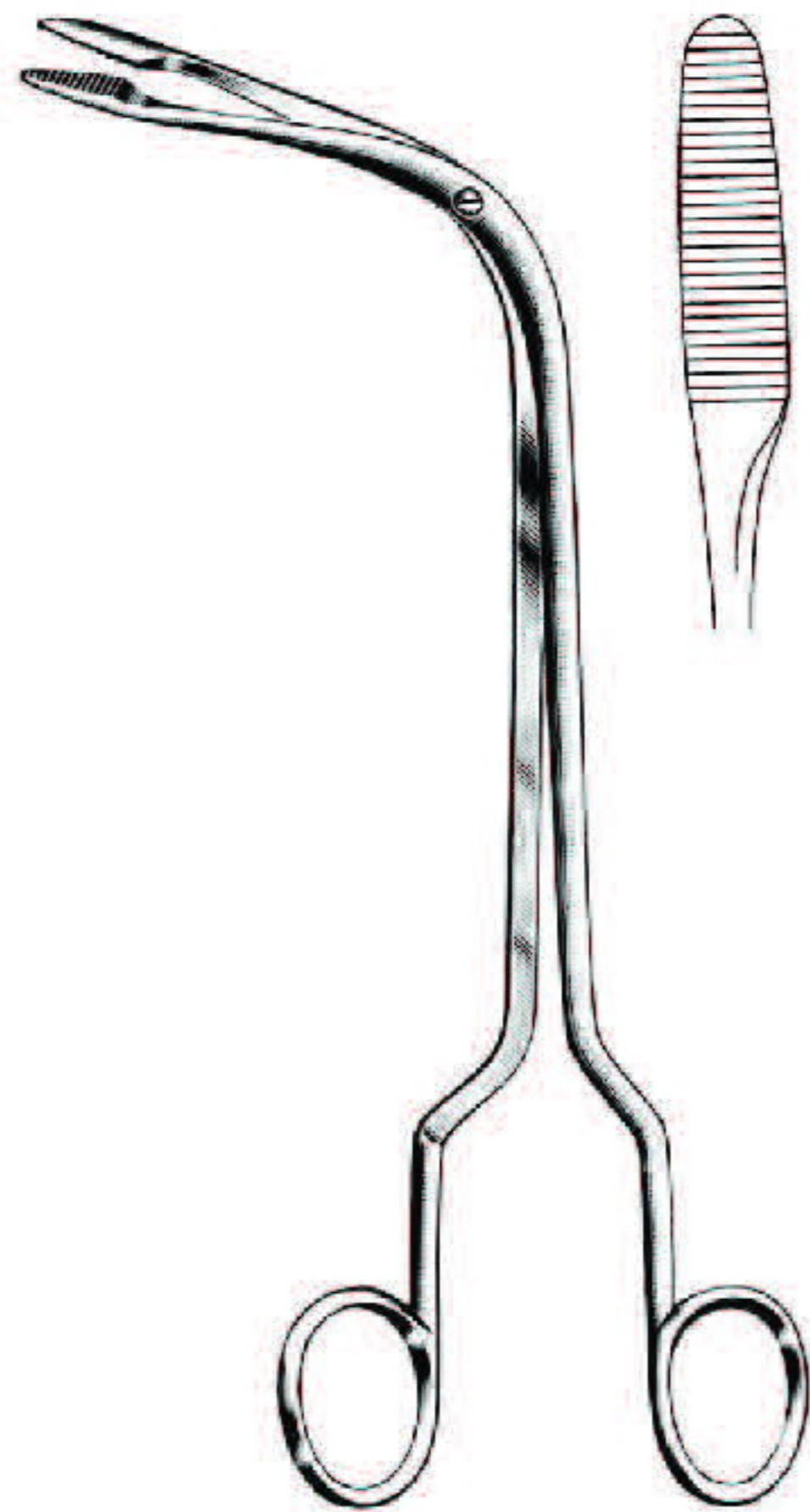
14-4046-03



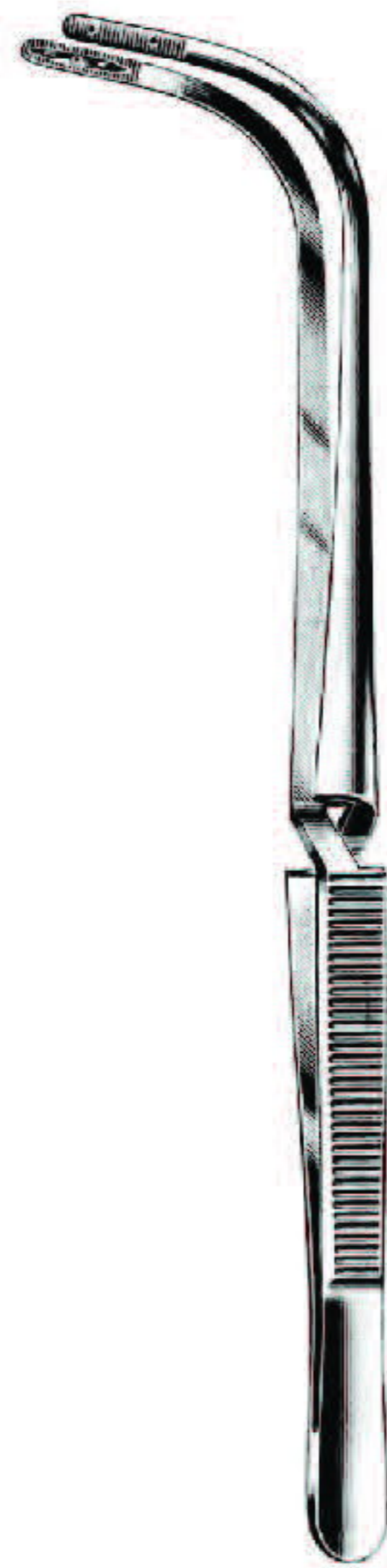
14-4046-04



JURASZ
23.0cm



FRAENKEL
14-4047-19
19.0cm



JACKSON
22.0cm



14-4048-22



14-4048-22



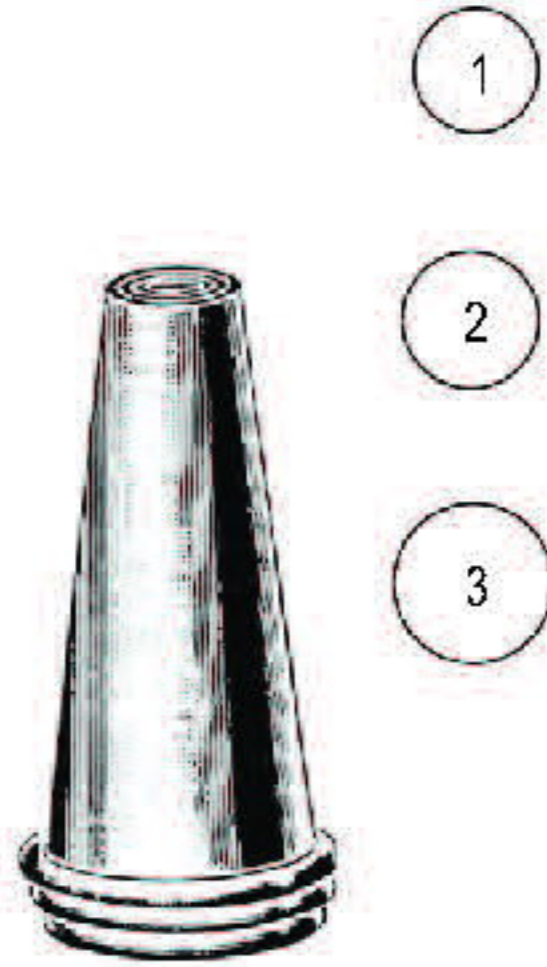
REICHERT
14-4049-24
24.0cm

EN	Otology
DE	Otologie
ES	Otología
FR	Otologie
IT	Otologia

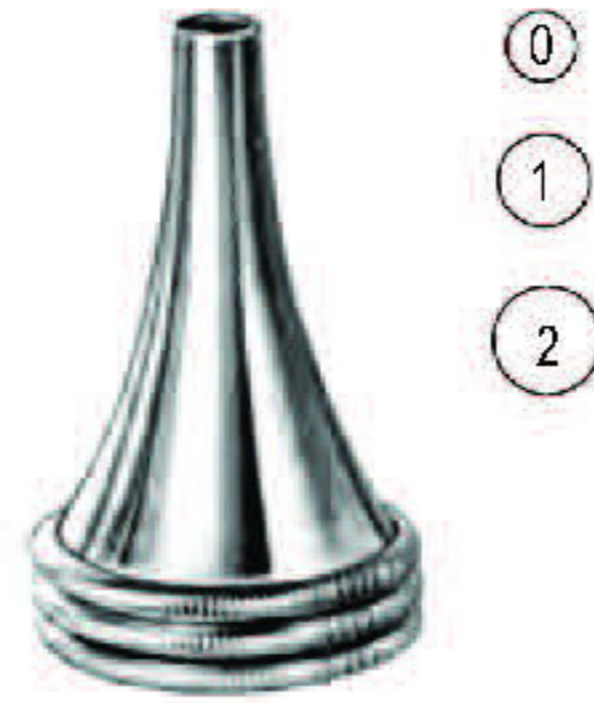
Page 197 to 209



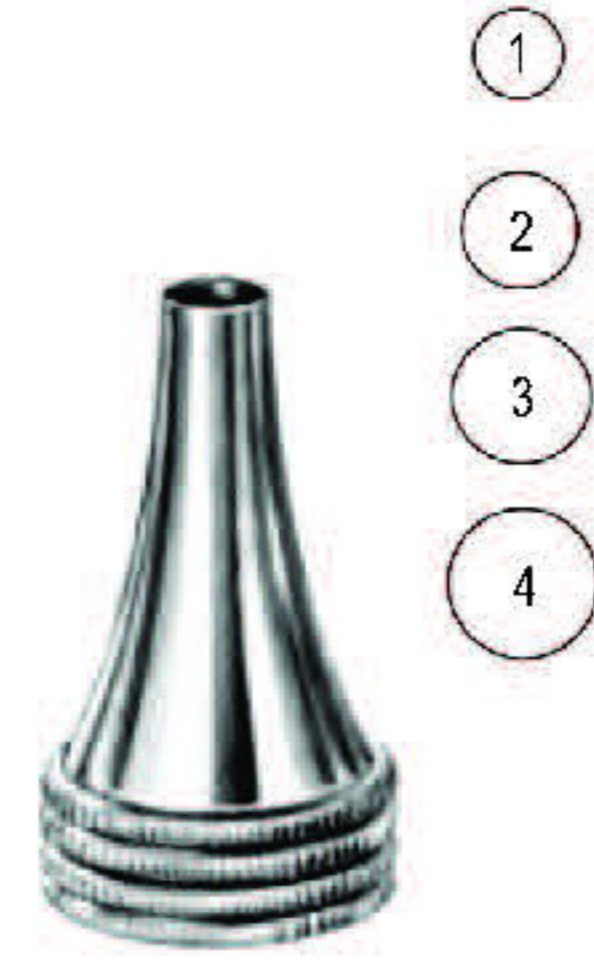
EN	Ear Speculas
DE	Ohrspekula
ES	Espéculos auriculares
FR	Spéculums d'oreille
IT	Ear Speculas



TROELTSCH
15-4201-00 set/3
15-4201-01 6mm Ø, Fig. 1
15-4201-02 7mm Ø, Fig. 2
15-4201-03 8mm Ø, Fig. 3



HARTMANN (for children)
15-4202-00 set/3
15-4202-00 3mm Ø, Fig.0
15-4202-01 4mm Ø, Fig.1
15-4202-02 5mm Ø, Fig.2



HARTMANN (for adults)
15-4203-00 set/4
15-4203-01 4.0mm Ø, Fig. 1
15-4203-02 5.0mm Ø, Fig. 2
15-4203-03 6.0mm Ø, Fig. 3
15-4203-04 7.5mm Ø, Fig. 4



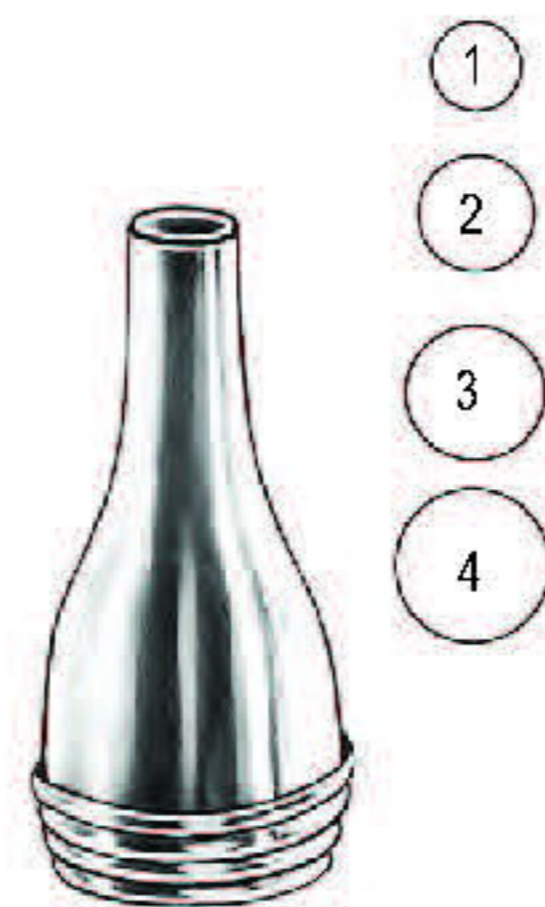
TOYNBEE (for adults)
15-4204-00 set/4
15-4204-01 4mm Ø, Fig. 1
15-4204-02 5mm Ø, Fig. 2
15-4204-03 6mm Ø, Fig. 3
15-4204-04 7mm Ø, Fig. 4



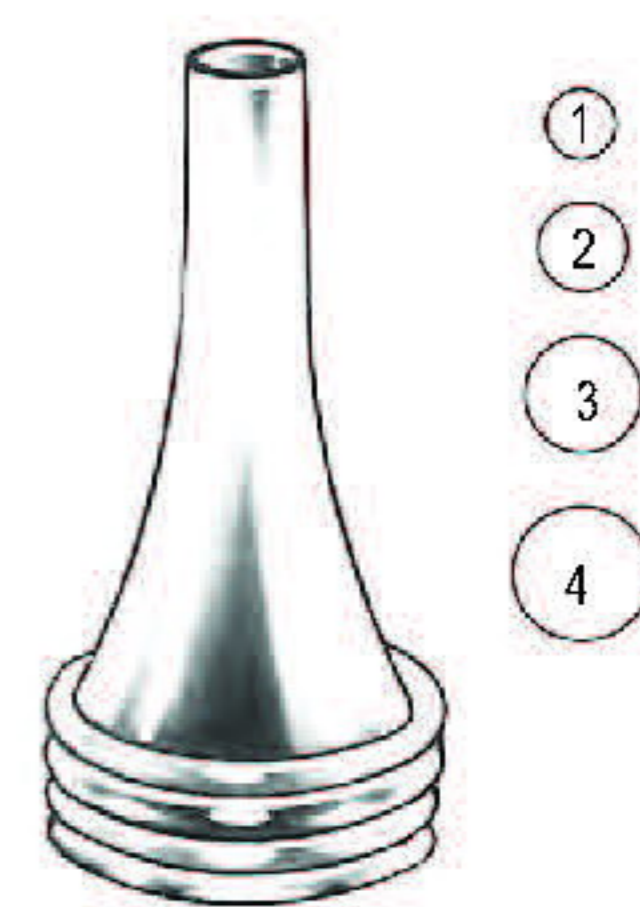
GRUBER (for adults)
15-4205-00 set/4
15-4205-01 4.5mm Ø, Fig. 1
15-4205-02 5.5mm Ø, Fig. 2
15-4205-03 6.5mm Ø, Fig. 3
15-4205-04 7.5mm Ø, Fig. 4



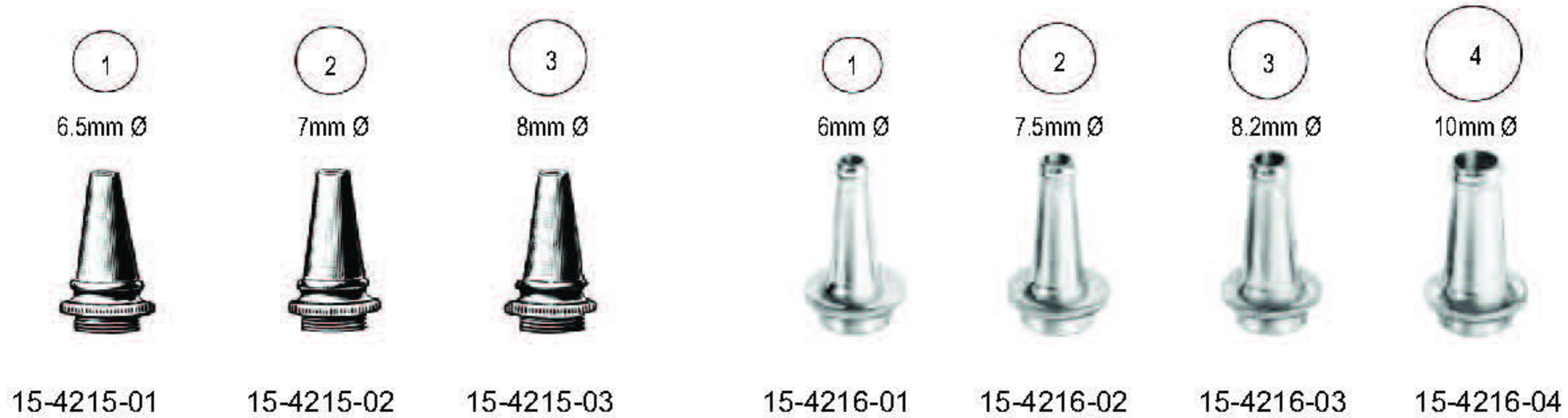
GRUBER
15-4206-00 set/4
15-4206-01 4.5mm Ø, Fig. 1
15-4206-02 5.5mm Ø, Fig. 2
15-4206-03 6.5mm Ø, Fig. 3
15-4206-04 7.5mm Ø, Fig. 4



GRUBER
15-4207-00 set/4
15-4207-01 4.5mm Ø, Fig. 1
15-4207-02 5.5mm Ø, Fig. 2
15-4207-03 6.5mm Ø, Fig. 3
15-4207-04 7.5mm Ø, Fig. 4

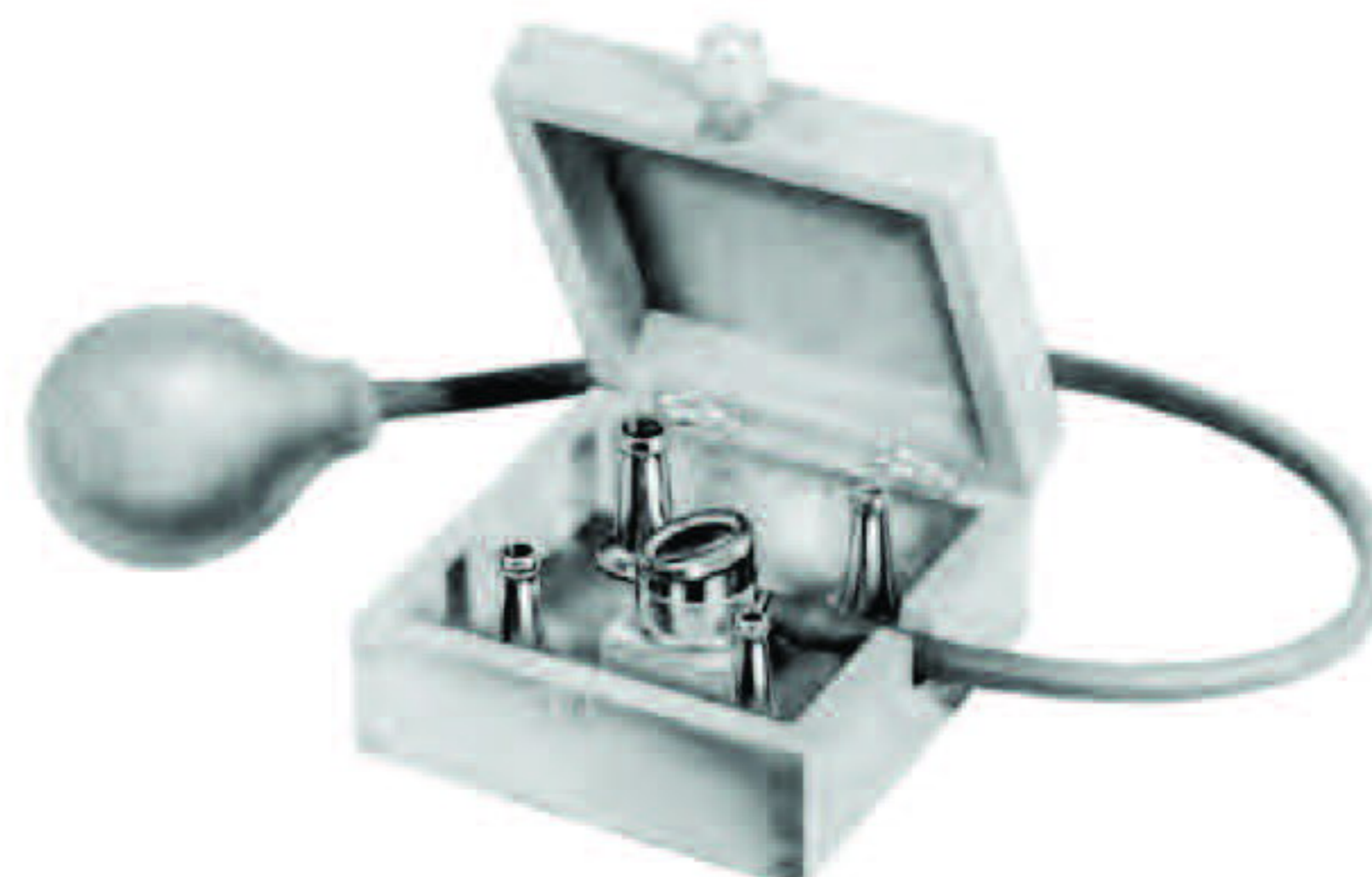


POLITZER
15-4208-00 set/4
15-4208-01 3.0mm Ø, Fig. 1
15-4208-02 4.5mm Ø, Fig. 2
15-4208-03 5.5mm Ø, Fig. 3
15-4208-04 6.5mm Ø, Fig. 4



SIEGLE

- 15-4215-00 set
- 15-4215-04 otoscope
- 15-4215-05 rubber bulb
- 15-4215-01,02,03 speculas

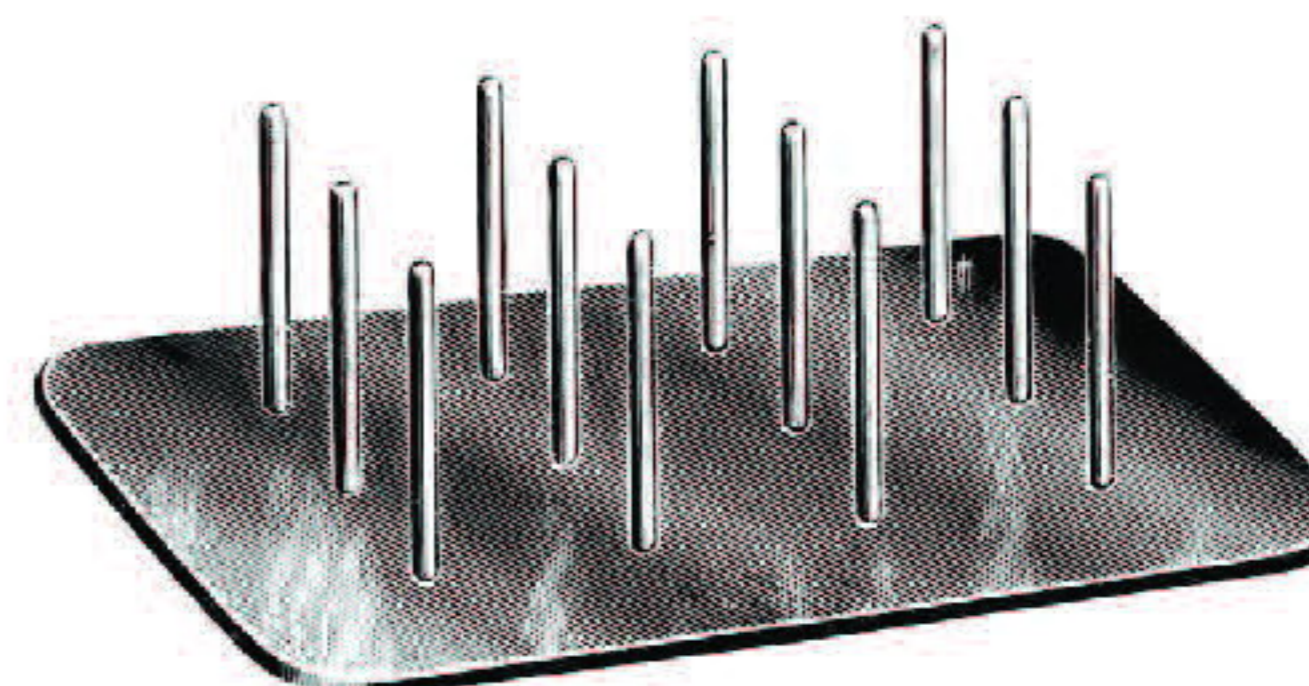


15-4216-00 Compl.



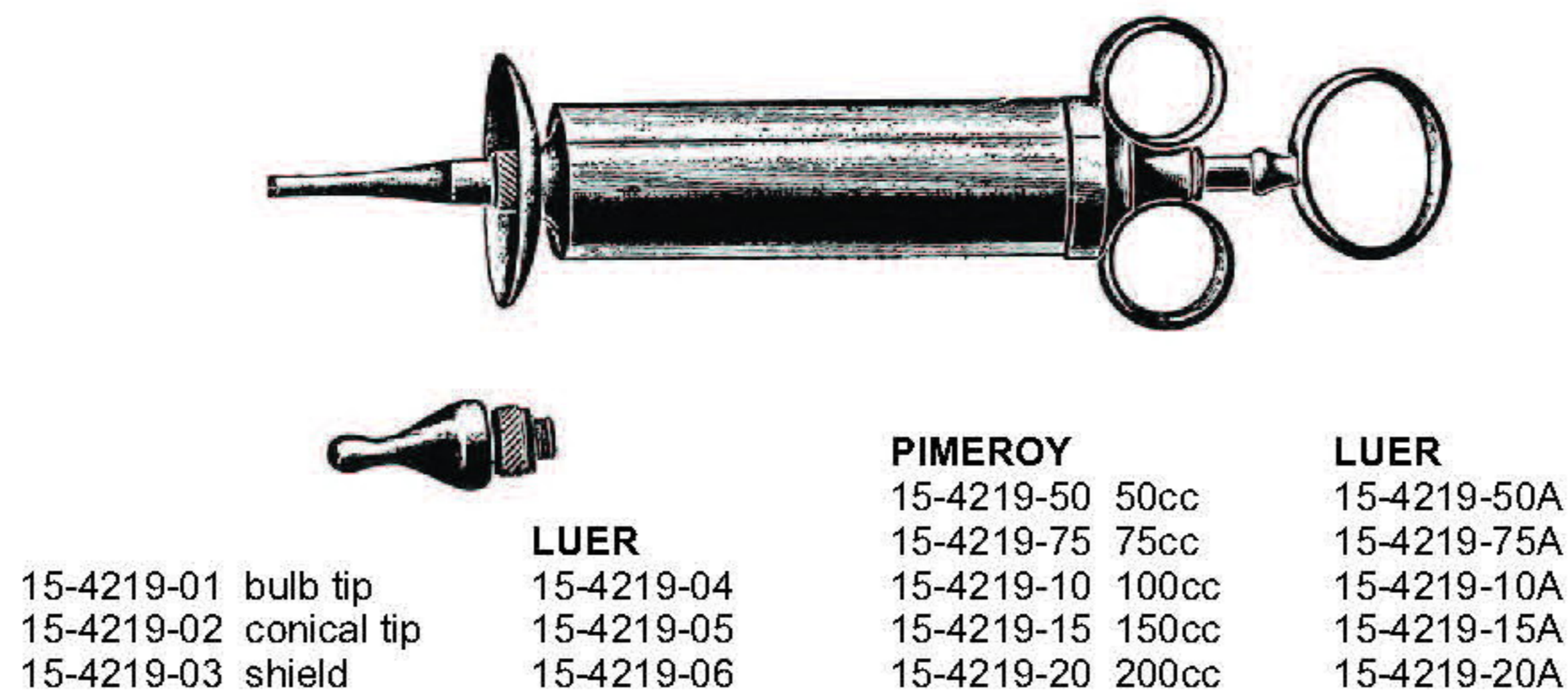
BRUENINGS

- 15-4216-05 set of 4 speculas
- 15-4216-06 rubber bulb
- 15-4216-07 wooden case only
- 15-4216-10 otoscope



15-4217-01
support for specula

EN	Ear Speculas
DE	Ohrspekula
ES	Espéculos auriculares
FR	Spéculums d'oreille
IT	Ear Speculas



Tuning Forks



Hartmann

- 16
- 32
- 64
- 128 15-4220-00
- 256 15-4220-01
- 512 15-4220-02
- 1024 15-4220-03
- 2048 15-4220-04
- 4096 15-4220-05



Lucae

- 15-4221-00
- 15-4221-01
- 15-4221-02
- 15-4221-03
- 15-4221-04
- 15-4221-05



French Hartmann

- 15-4222-16
- 15-4222-32
- 15-4222-01
- 15-4222-02
- 15-4222-03



Lucae C 128

- Variable up to h (Engl. B)
- 15-4223-00



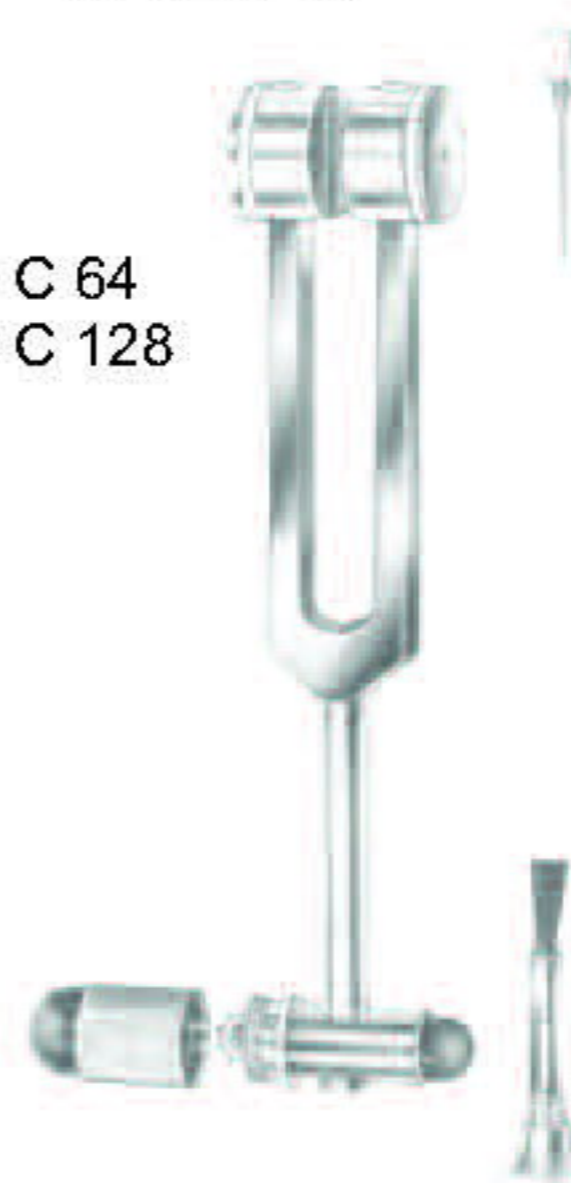
Hartmann C 128

- 15-4224-00

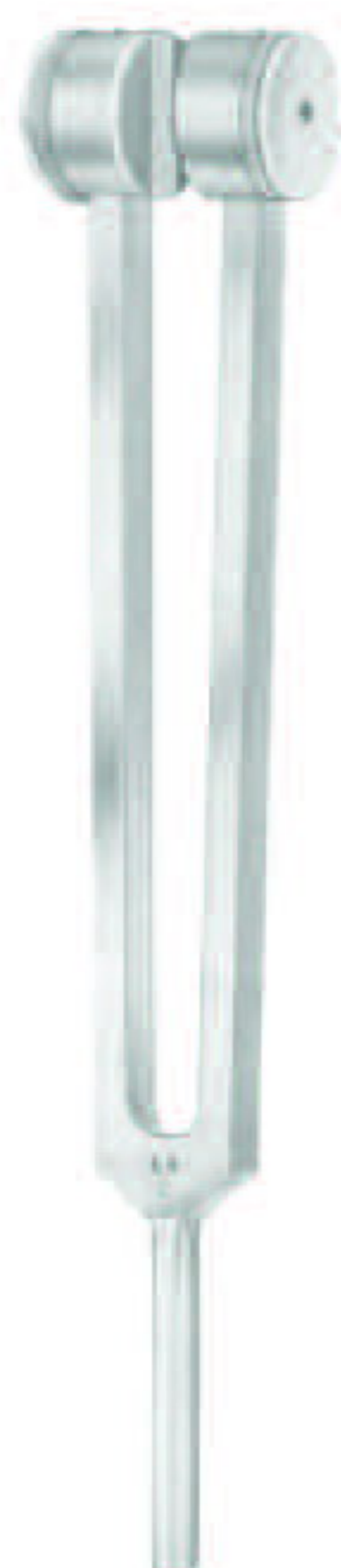


Rydel-Seiffer
15-4225-00
C 64/C 128

With Clamps = C 64
Without Clamps = C 128



Tuning Fork for neurological examination, with percussion hammer, pin wheel, brush and needle
15-4226-00



15-4227-01
C 64



15-4227-02
C 128



15-4227-03
C 256



15-4227-04
C 512
aluminum



15-4227-05
C 1024
aluminum



15-4227-06
C 2048
aluminum



15-4227-07
C 4096
aluminum



TROELTSCH
 15-4228-01 Fig. 1
 15-4228-02 Fig. 2
 15-4228-03 Fig. 3
 15-4228-04 Fig. 4
 15-4228-05 Fig. 5



LUCAE
 15-4229-01 Fig. 1
 15-4229-02 Fig. 2
 15-4229-03 Fig. 3
 15-4229-04 Fig. 4
 15-4229-05 Fig. 5



WOAKES
 15-4230-01



HARTMANN
 15-4231-02 Fig. 2
 15-4231-03 Fig. 3
 15-4231-04 Fig. 4



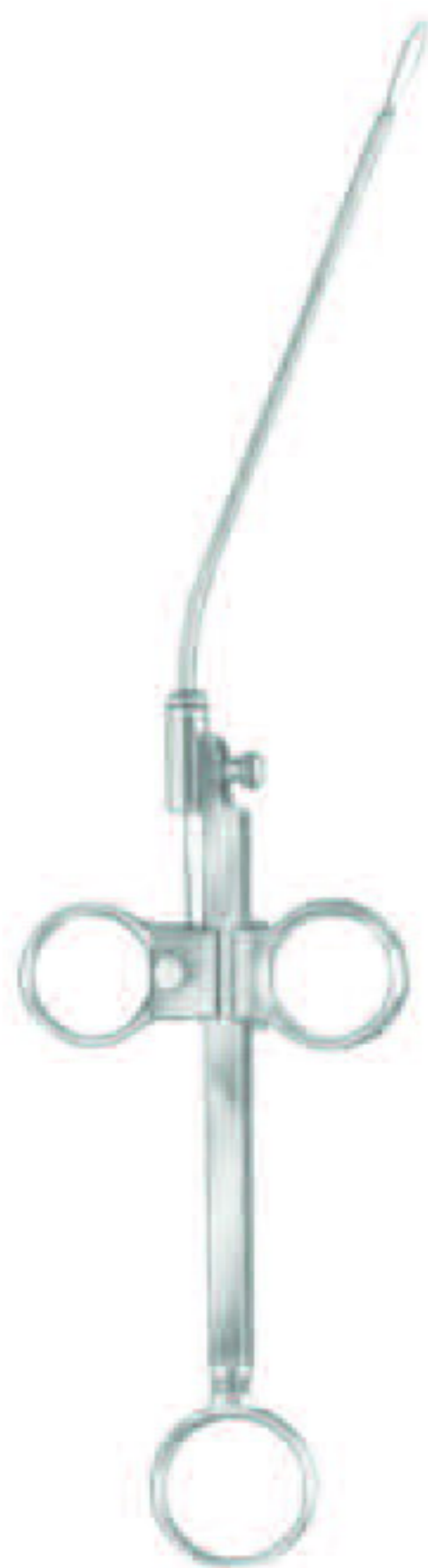
HARTMANN
 15-4232-00 Fig. 0
 15-4232-01 Fig. 1
 15-4232-02 Fig. 2
 15-4232-03 Fig. 3
 15-4232-04 Fig. 4
 15-4232-05 Fig. 5



HARTMANN
 15-4233-00 Fig. 0
 15-4233-01 Fig. 1
 15-4233-02 Fig. 2
 15-4233-03 Fig. 3
 15-4233-04 Fig. 4
 15-4233-05 Fig. 5



ITARD
 15-4234-01 Fig. 1
 15-4234-02 Fig. 2
 15-4234-03 Fig. 3
 15-4234-04 Fig. 4
 15-4234-05 Fig. 5



Krause
 15-4235-16
 16 cm/6 1/4"



Krause-Voss
 15-4236-16
 16 cm/6 1/4"

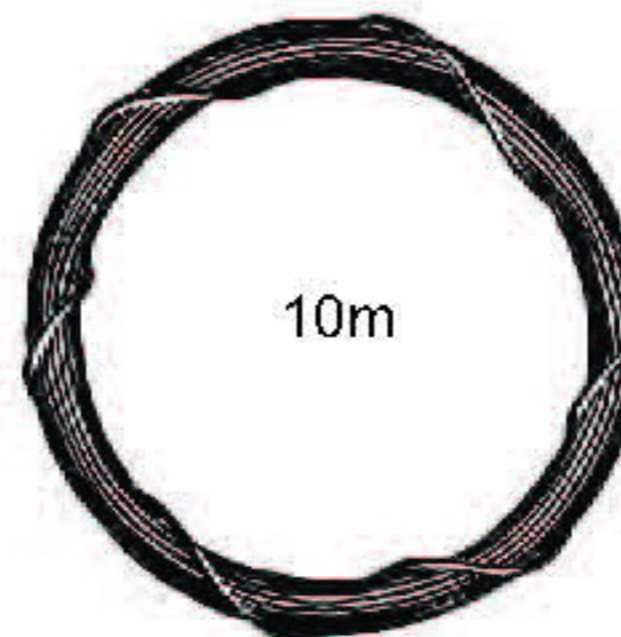


Lange-Wilde
 15-4237-16
 16 cm/6 1/4"

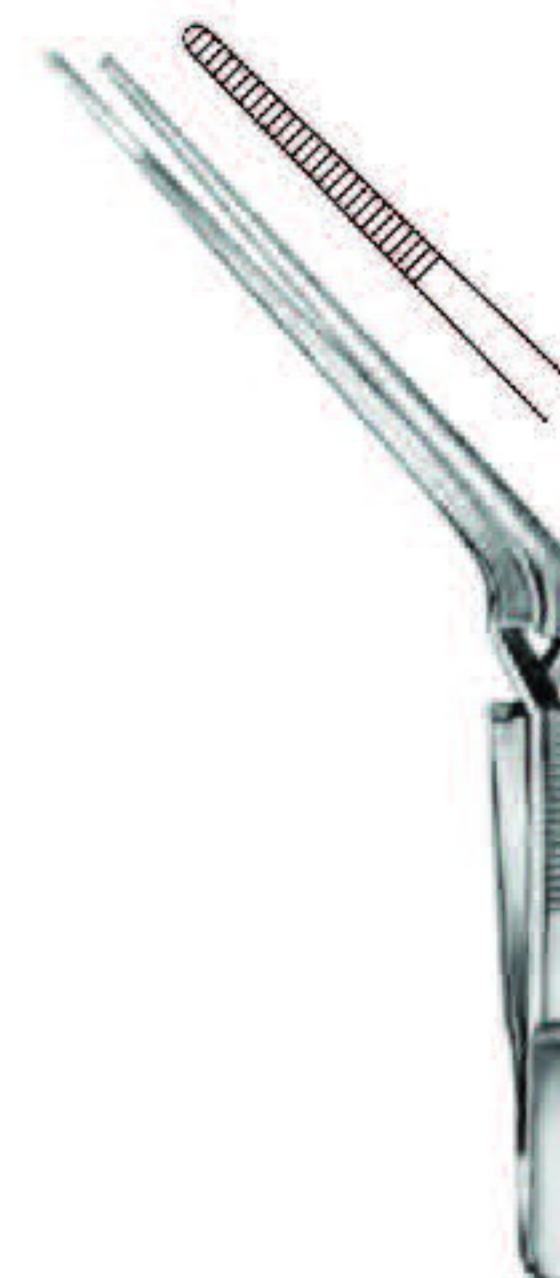


Package of 1 dozen each

mm Ø
 15-4238-02 0.2
 15-4238-03 0.3



15-4238-03 0.3mm Ø
 15-4238-04 0.4mm Ø



TROELTSCH (WILDE)
 15-4239-13 13.0cm

Ear Dressing Forceps



Cm	In
11.0	4 1/4"
12.0	4 3/4"
14.0	5 1/2"
15.0	6"
16.0	6 1/4"
18.0	7"
20.0	8"

Troeltsch (Wilde)
 15-4240-11
 15-4240-12
 15-4240-14
 15-4240-15

Troeltsch
 1 x 2 teeth
 15-4243-11
 15-4243-12



Lucae
 15-4244-14



Lucae
 1 x 2 teeth
 15-4245-14



Jansen
 15-4246-16
 15-4246-18
 15-4246-20



Okonogto
 15-4247-16
 16 cm/6¼"



Littauer
 15-4248-12
 12 cm/4¾"

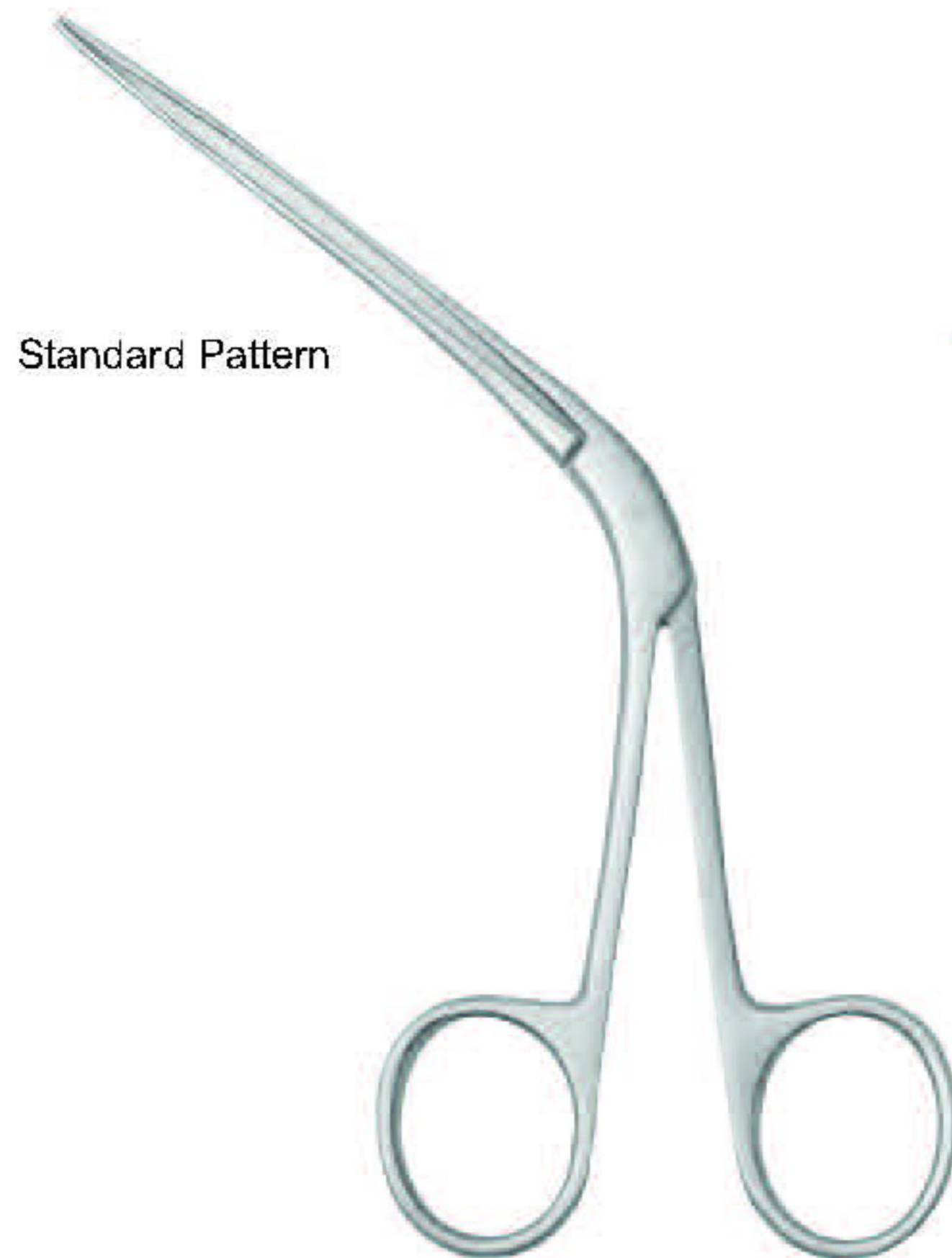


Fine Pattern

Hartmann
 15-4249-12
 12 cm/4¾"



Hartmann
 15-4250-14
 14 cm/5½"



Standard Pattern

Tilley Aural Forceps
 15-4251-14 14cm/5½"
 15-4251-16 16cm/6¼"
 15-4251-18 18cm/7"



Buck
 15-4252-09
 9 cm/3½"



Quire
 15-4253-08
 8 cm/3¼"



1 : 2



Hartmann-Noyes
 15-4254-09
 8.5 cm/3 1/4"

Hartmann-Noyes
 15-4255-09
 8.5 cm/3 1/4"



1 : 2



Hartmann
 15-4256-09 8.5 cm/3 1/4
 15-4256-14 14 cm/5 1/2
 15-4256-16 16 cm/6 1/4

Hartmann
 15-4257-09 8.5 cm/3 1/4
 15-4257-14 14.0 cm/5 1/2



Hartmann
 15-4258-20 8.5 cm/3 1/4 \varnothing 2.0 mm
 15-4258-25 8.5 cm/3 1/4 \varnothing 2.5 mm
 15-4258-30 8.5 cm/3 1/4 \varnothing 3.0 mm

Hartmann-Citelli
 15-4259-02 \varnothing 2mm 8.5 cm/3 1/4
 15-4259-03 \varnothing 3mm 8.5 cm/3 1/4

Strumpel
 15-4260-09
 8.5 cm/3 1/4"



Hartamm-Weingartner
 15-4261-09
 8.5 cm/3 1/4"

HARTMANN
 15-4261-10 8.5cm

Hartamm
 15-4262-09
 8.5 cm/3 1/4"

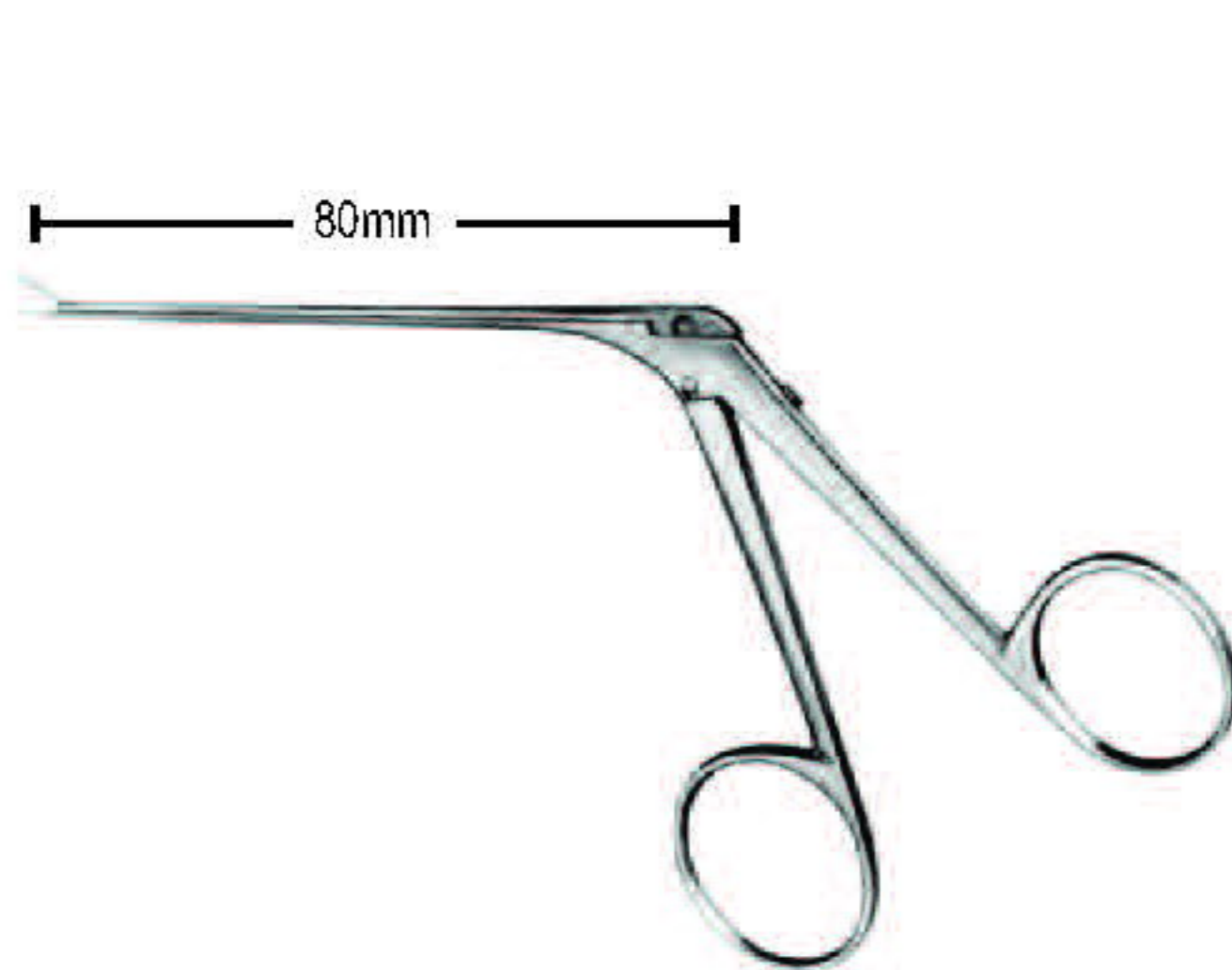


Hartamm-Wullstein
 15-4263-06 8.5 cm/3 1/4 08 x 6 mm
 15-4263-08 8.5 cm/3 1/4 1.8 x 8 mm

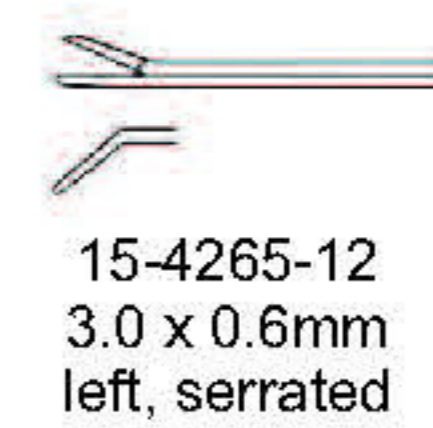
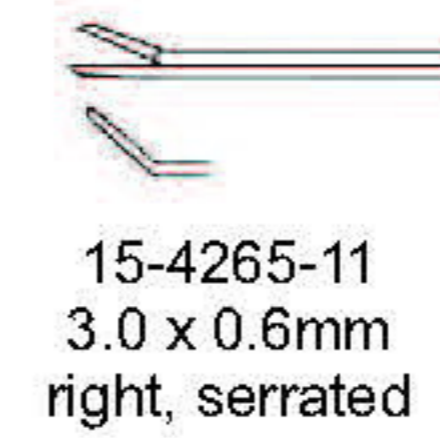
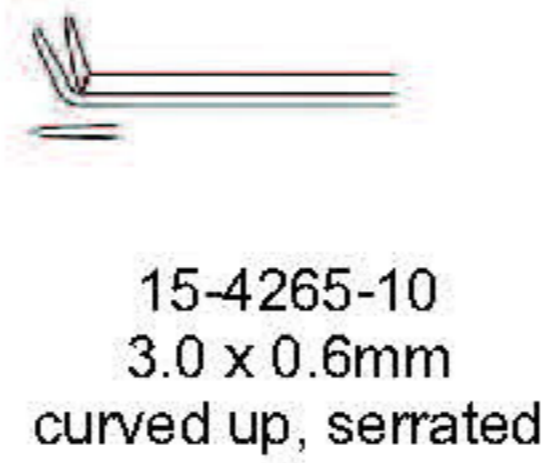
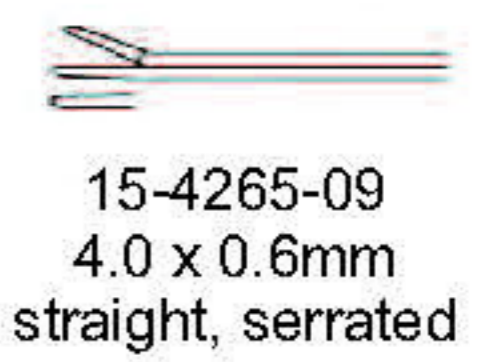
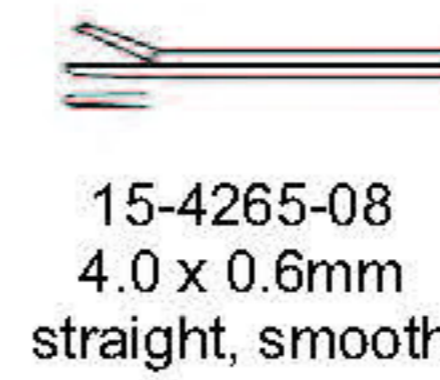
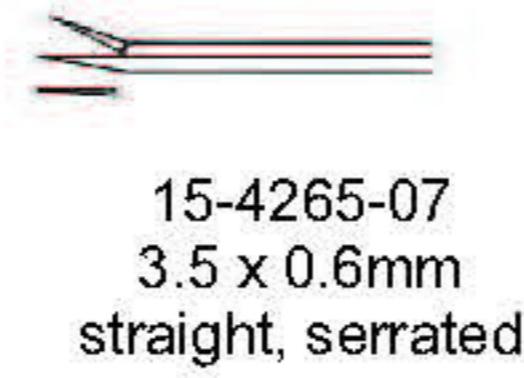
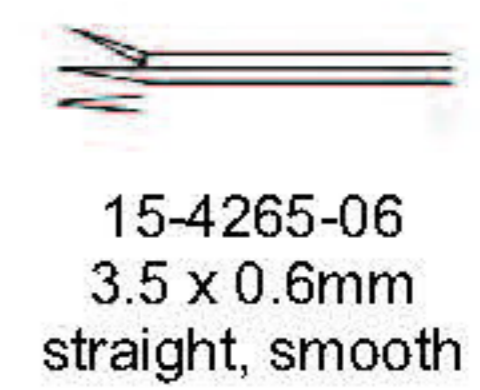
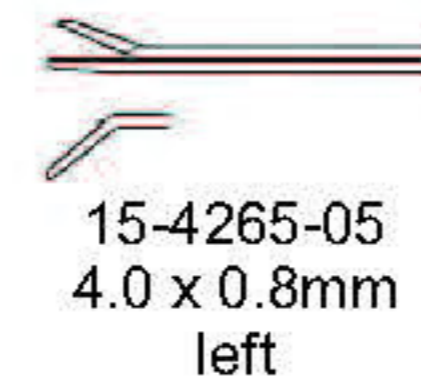
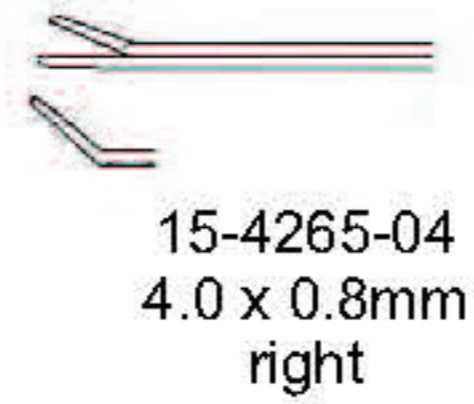
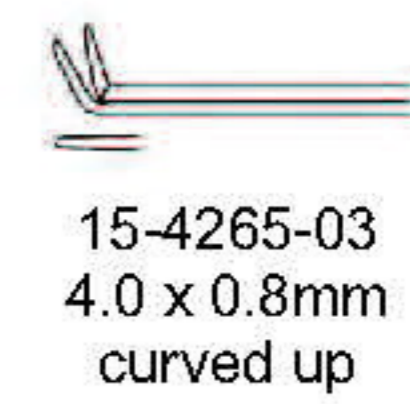
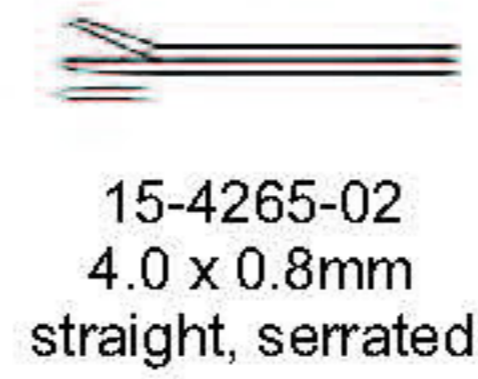
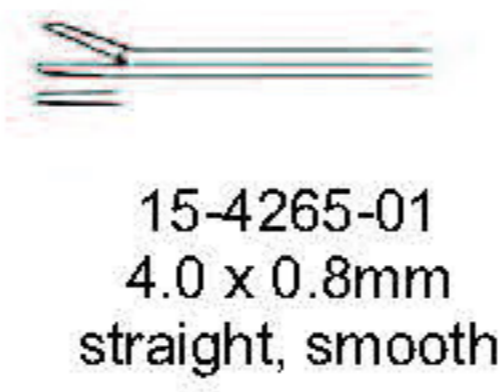
HARTMANN
 15-4263-09 8.5cm

Hartamm-Hoffmann
 15-4264-01 \varnothing 1 mm 8.5 cm/3 1/4
 15-4264-02 \varnothing 2 mm 8.5 cm/3 1/4

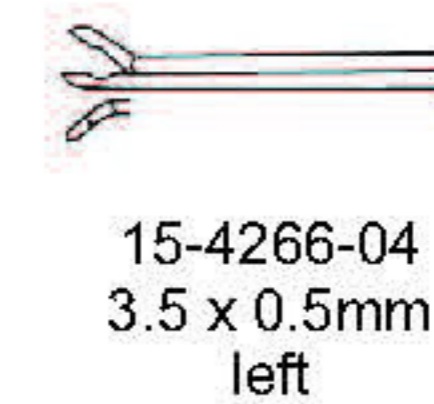
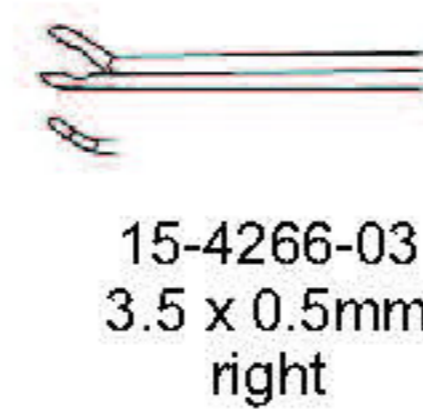
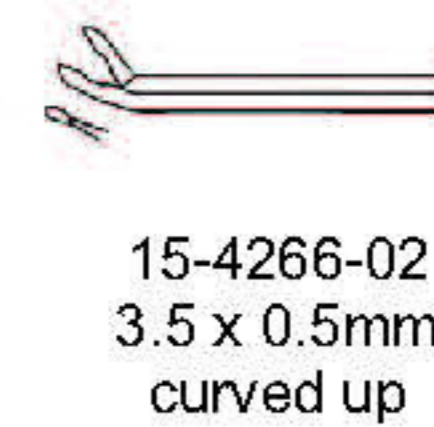
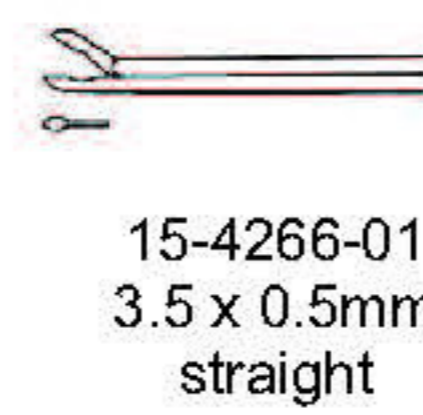
EN	Micro Ear Polypus Forceps
DE	Ohr-Polypenzangen
ES	Pinzas para pólipos auriculares
FR	Micro oreille Polypus Forceps
IT	Pinza per polipi auricolari



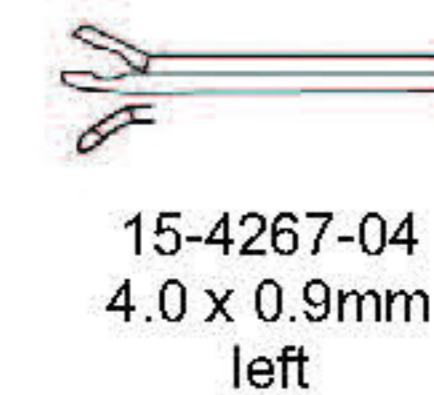
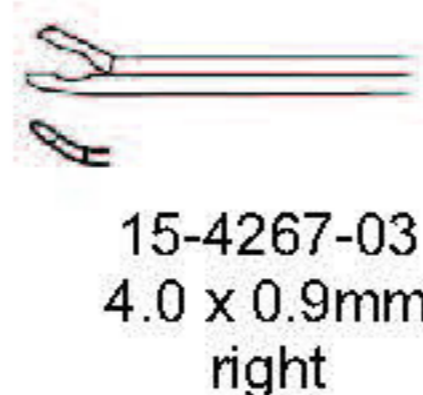
MINI McGEE ALLIGATOR



0.6mm



1.0mm





Henckel
 crocodile, scoop blades
 15-4280-02



Cawthorne
 micro crocodile scissor, 5 mm blade
 15-4281-01 Straight
 15-4281-02 Curved
 15-4281-03 Angled



Hartmann
 crocodile, 7 mm serrated jaws
 15-4282-02

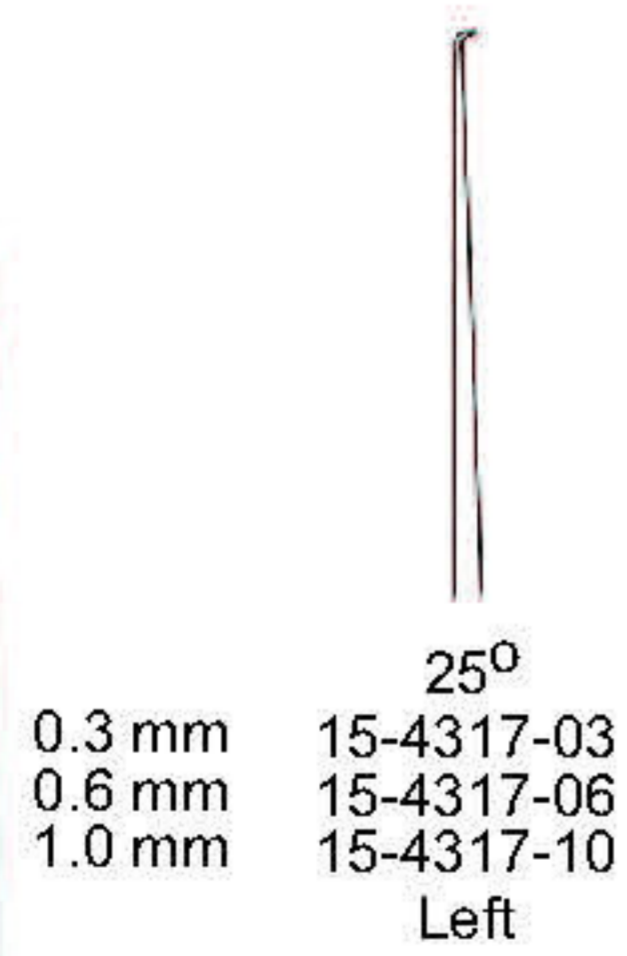
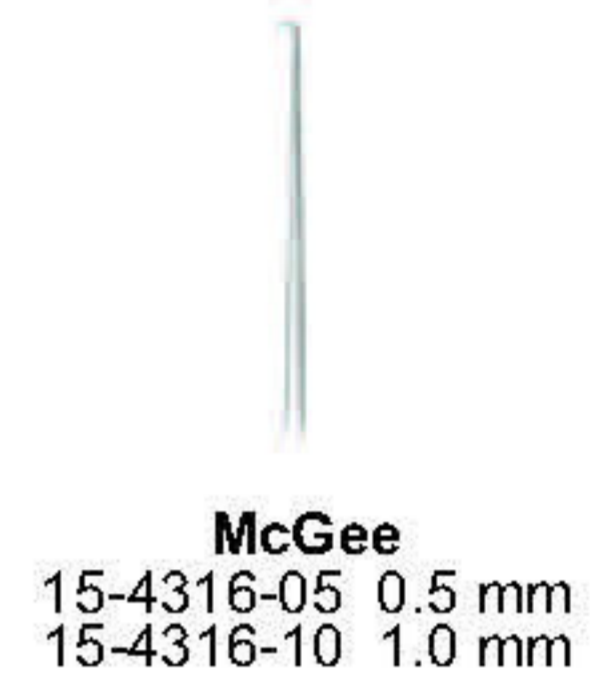
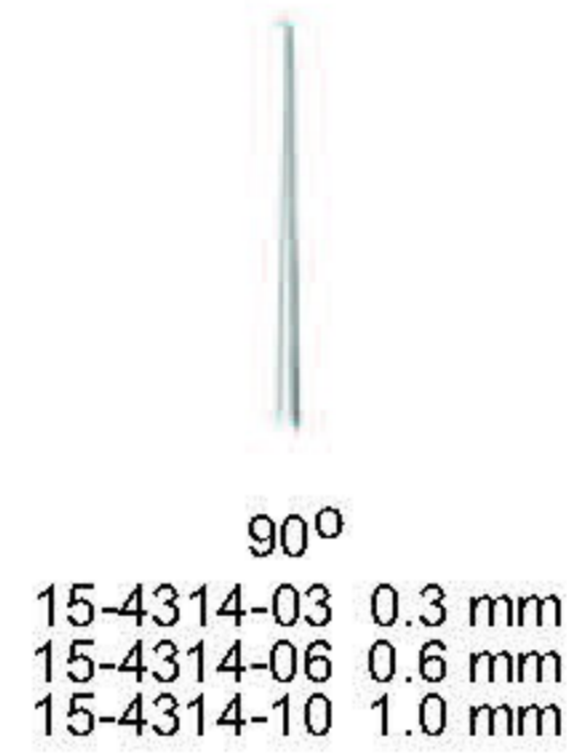
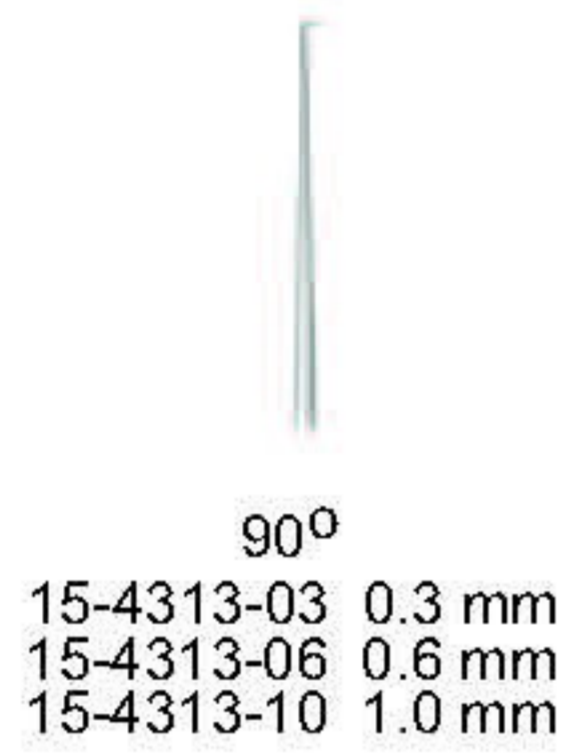


Hartmann
 micro crocodile, 3 mm serrated jaws
 15-4283-02



Hough
 medium micro crocodile
 5 mm serrated jaws
 15-4284-01 Straight
 15-4284-02 Angled

Needles And Hooks



Dissectors, Measuring Road, Elevators, Curettes and Mobilizer

OTOLOGY



Fisch



15-4322-01



15-4322-02



15-4322-03



15-4322-04



Rosen

15-4323-15
1.5 mm

15-4323-25
2.5 mm



Rosen



15-4324-01



15-4324-02



15-4324-03



15-4324-04



15-4324-05



15-4324-06



House



15-4325-01
3.5 mm



15-4325-02
4.0 mm



15-4325-03
4.5 mm



15-4325-04
5.0 mm

EN	Micro Surgery Instruments
DE	Mikrochirurgische Instrumente für
ES	Instrumentos Micro Cirugía
FR	Micro instruments de chirurgie
IT	Strumenti di micro chirurgia

OTOLOGY



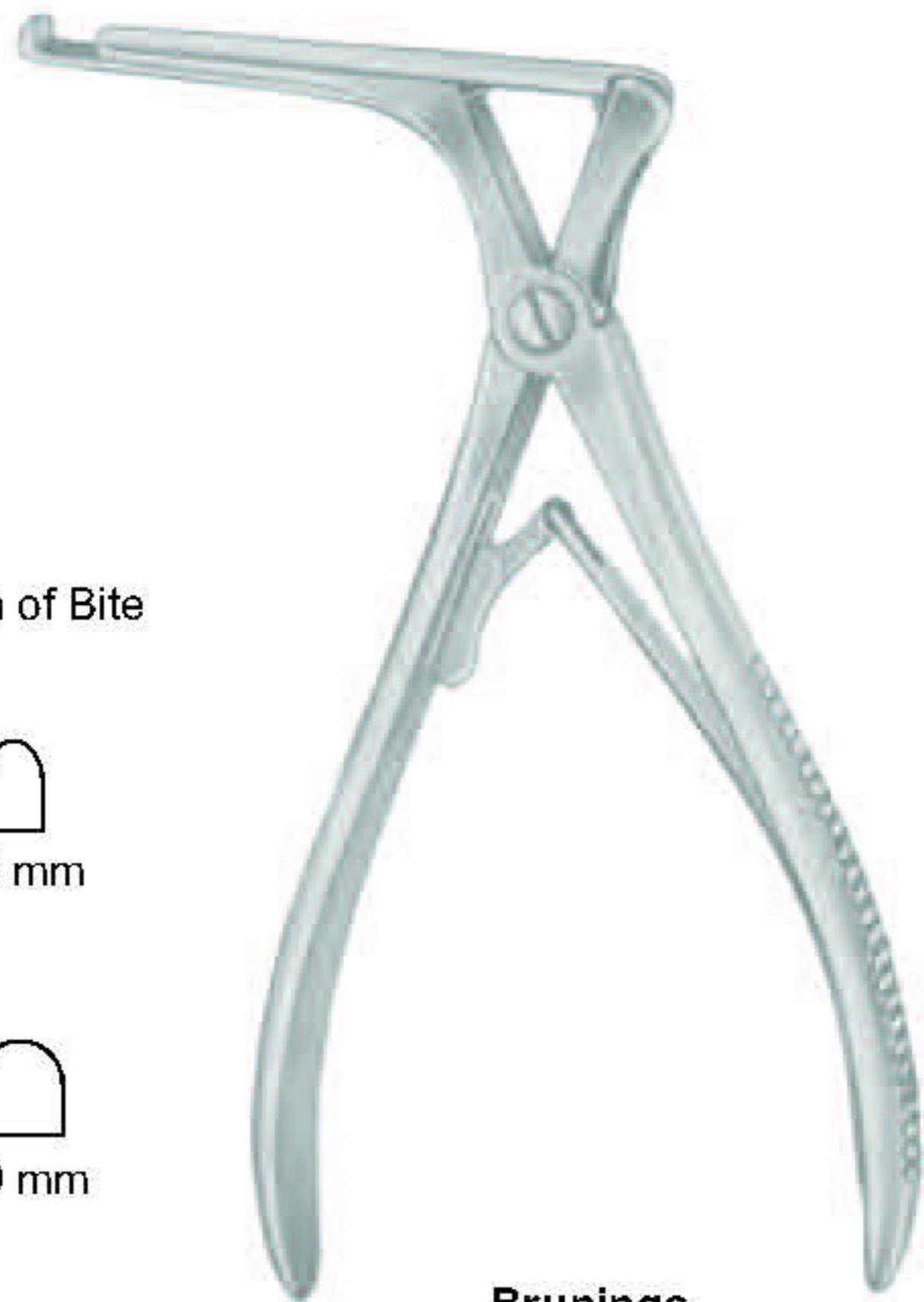
Width of Bite

Citelli
15-4337-20 2.0 mm
15-4337-30 3.0 mm

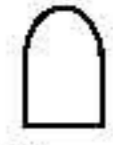



Width of Bite

Citelli-Beyer
15-4338-15 1.5 mm
15-4338-20 2.0 mm



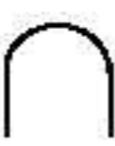



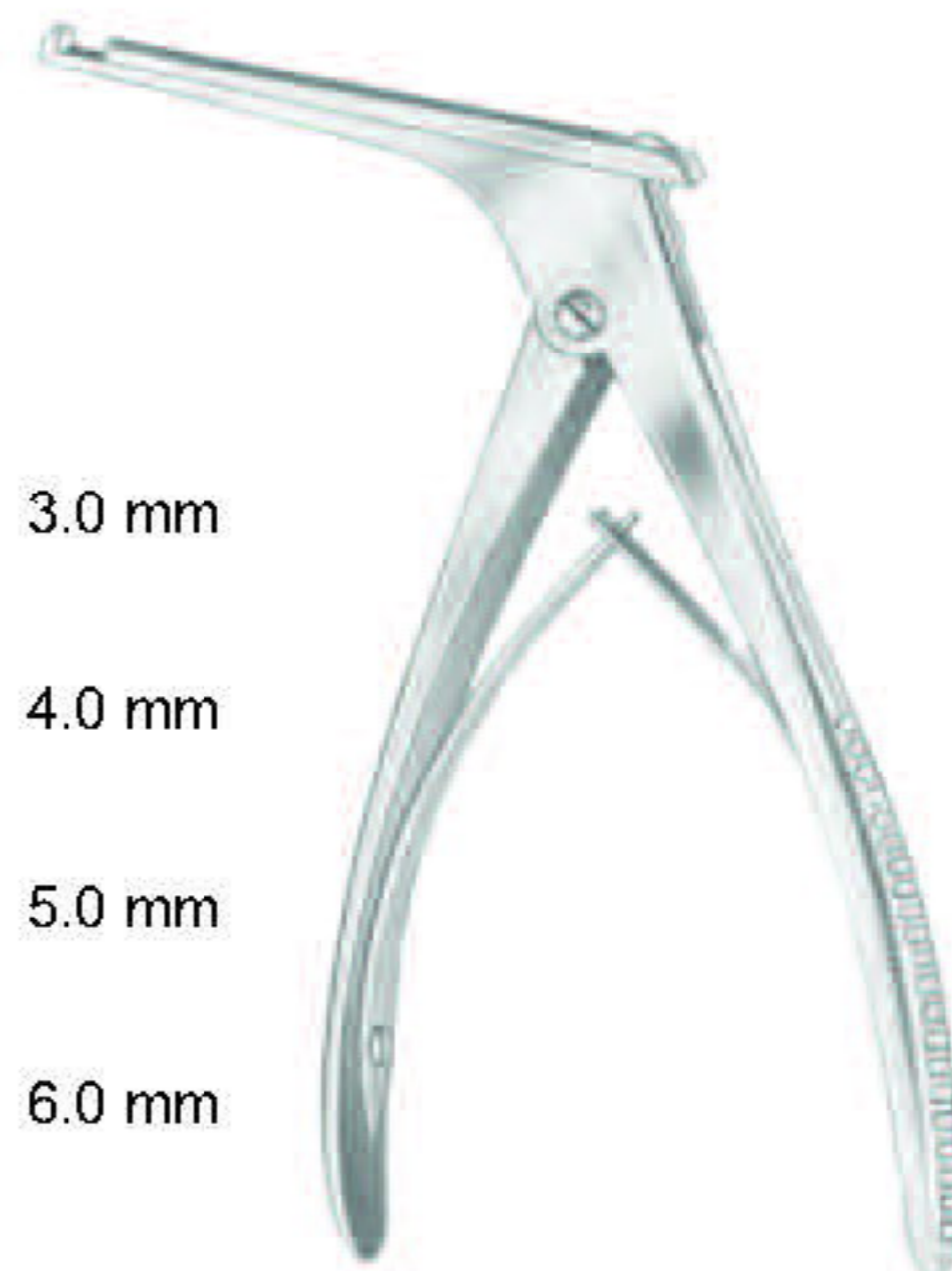
Width of Bite


4.0 mm


6.0 mm

Brunings
15-4339-40
15-4339-60

-  15-4340-30 3.0 mm
-  15-4340-40 4.0 mm
-  15-4340-50 5.0 mm
-  15-4340-60 6.0 mm



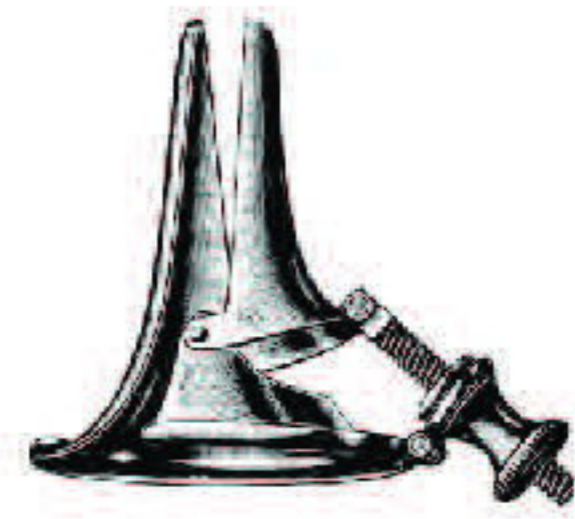
Kerrison
20 cm/8"

- EN** Rhinology
- DE** Rhinologie
- ES** Rinología
- FR** Rhinologie
- IT** Rhinology

Page 210 to 223



EN	Nasal Speculas
DE	Nasenspekula
ES	Espéculos nasales
FR	Spéculums nasaux
IT	Specula nasale



VACHER
16-4501-00



16-4502-01



16-4502-02



16-4502-03



VOLTOLINI



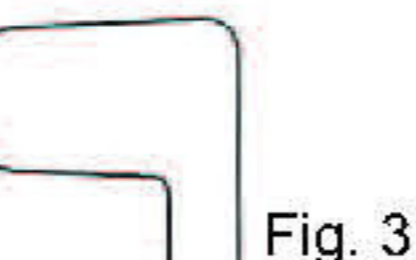
GOLDSMITH (Thudichum)
16-4503-00 set / 7



16-4503-01



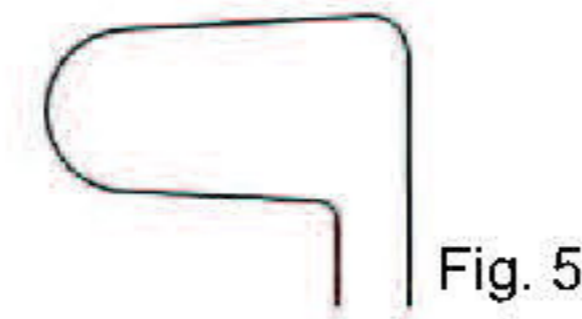
16-4503-02



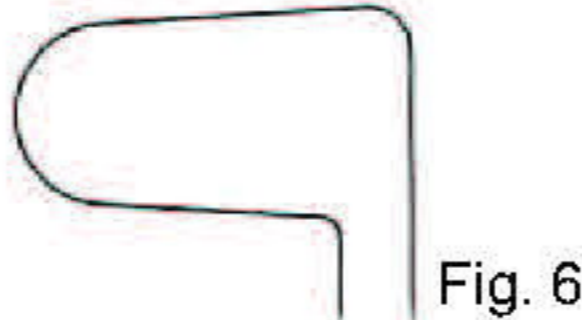
16-4503-03



16-4503-04



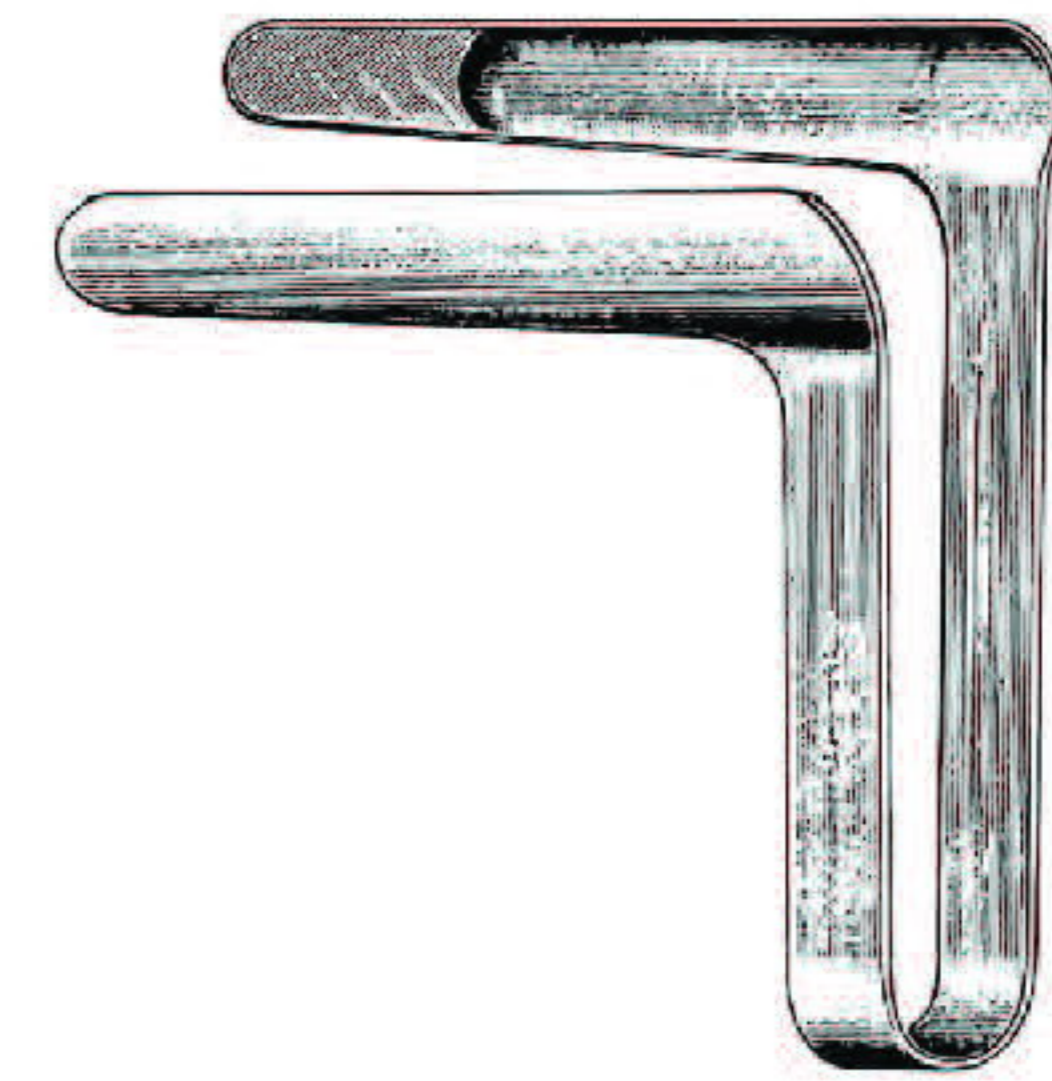
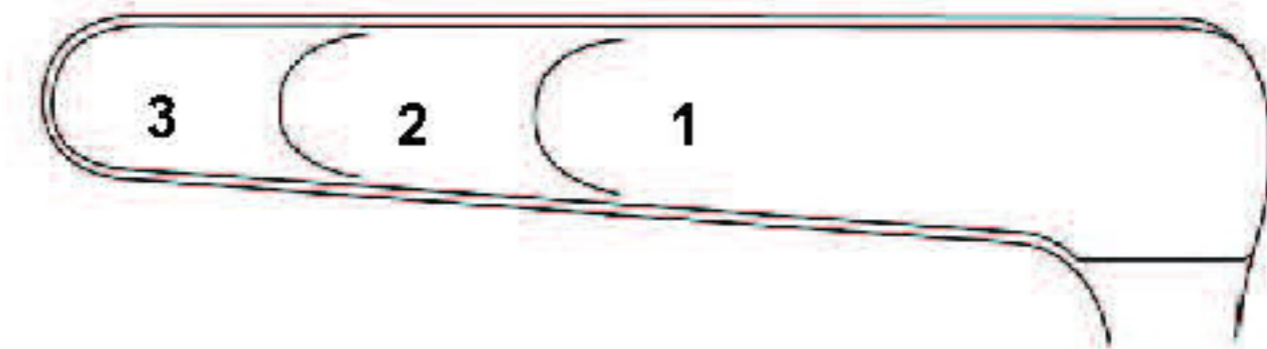
16-4503-05



16-4503-06



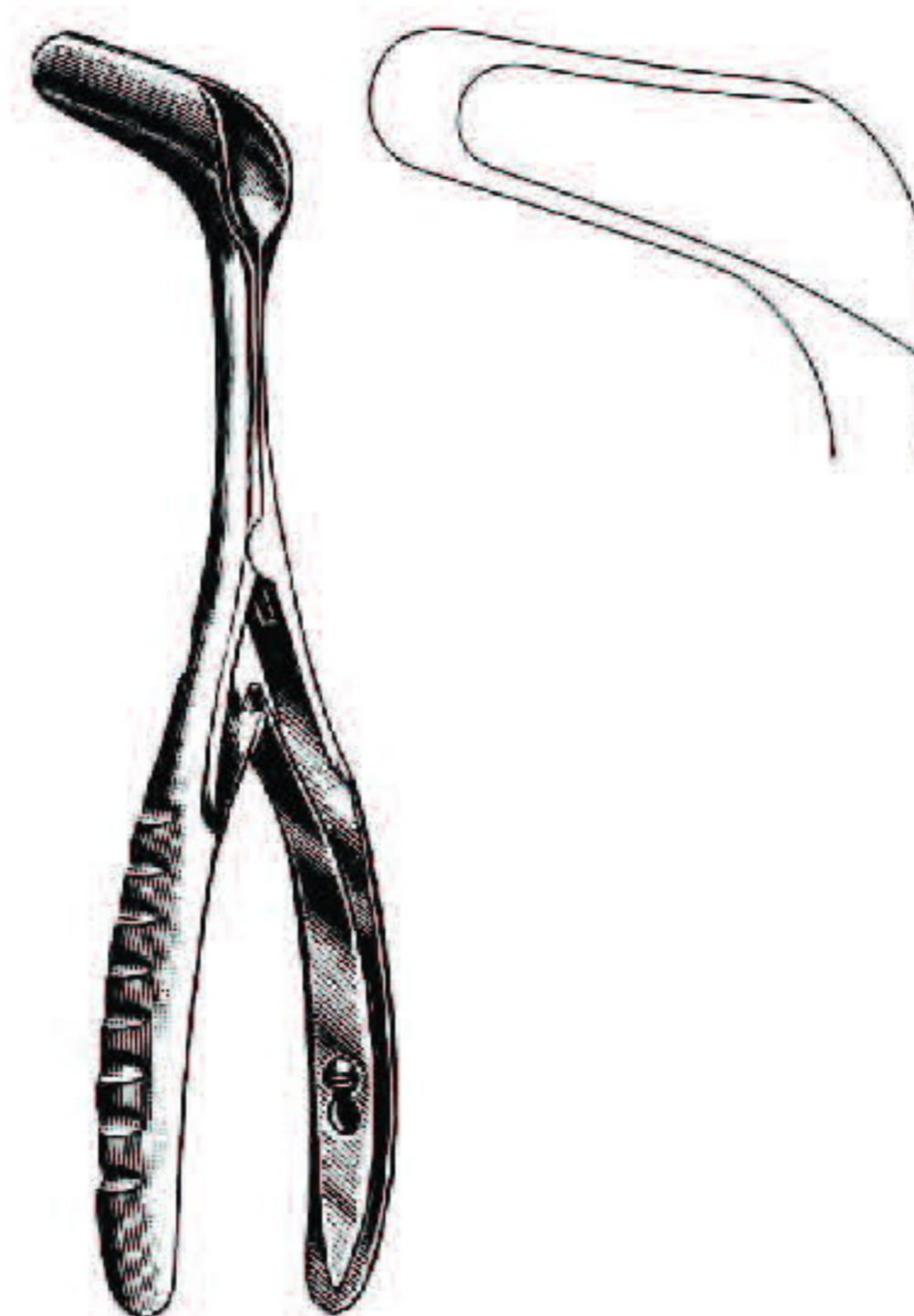
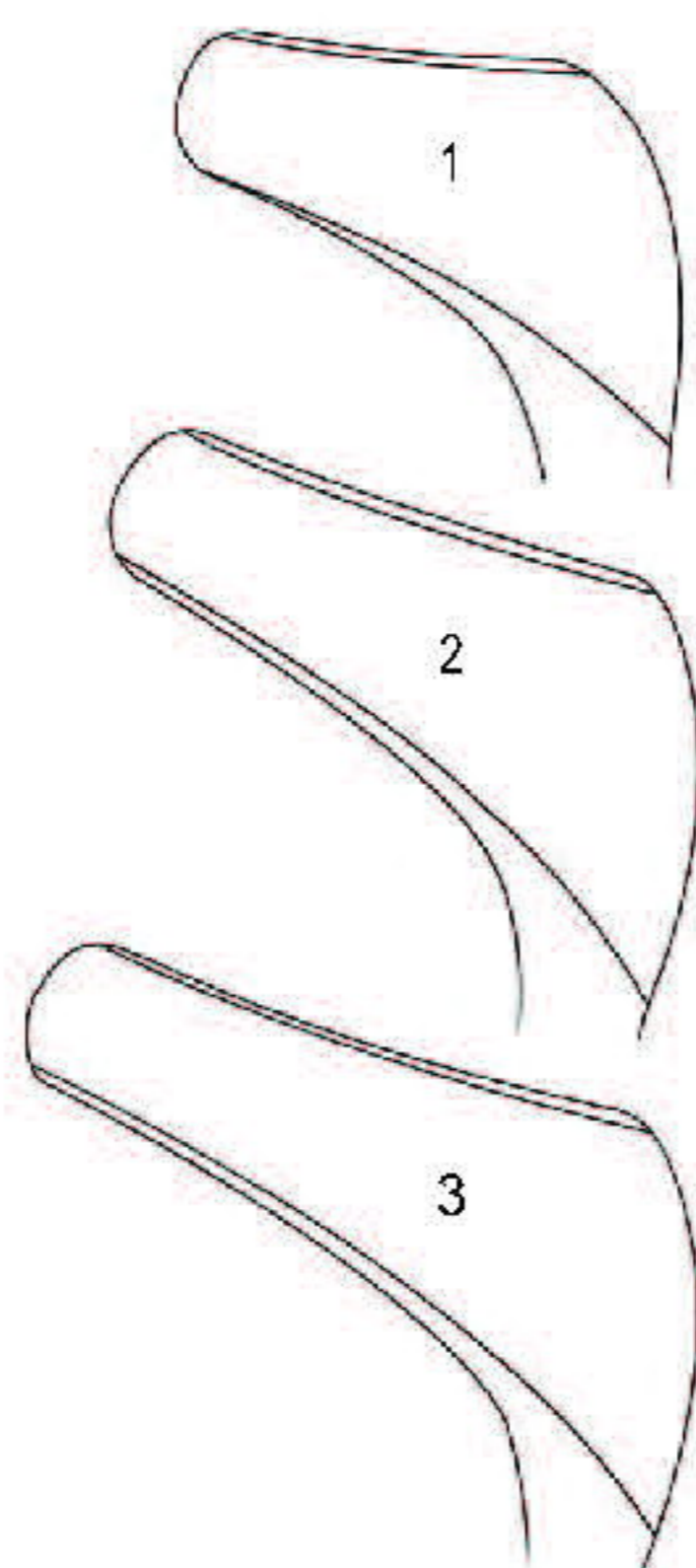
16-4503-07



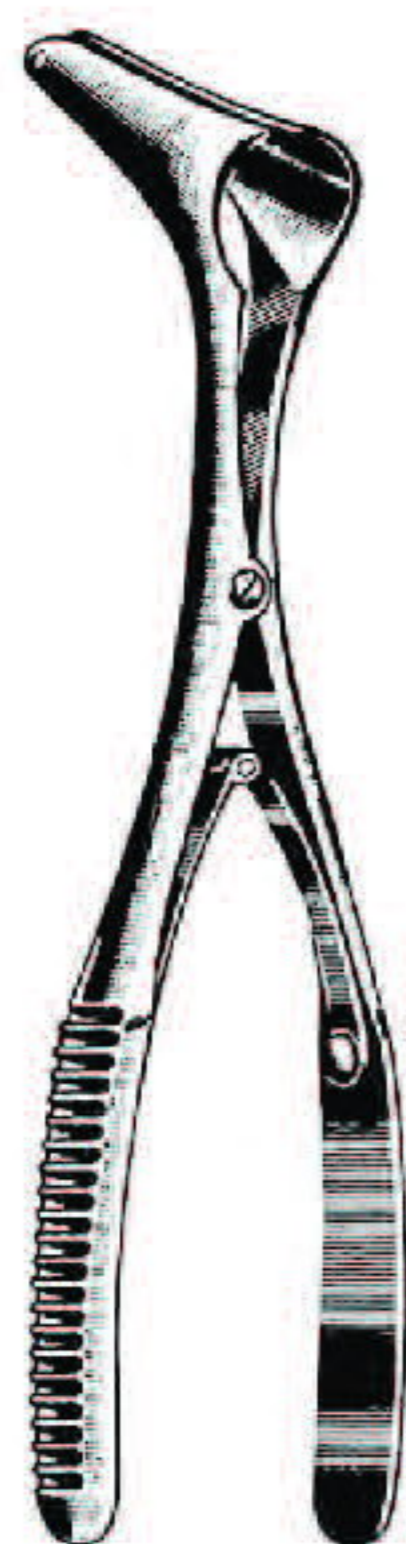
ST. CLAIR THOMSON
16-4504-00 set / 3
16-4504-01 35mm Fig. 1
16-4504-02 50mm Fig. 2
16-4504-03 75mm Fig. 3



HARTMANN-HALLE
 15.0cm
 16-4505-01 Fig. 1
 16-4505-02 Fig. 2
 16-4505-03 Fig. 3



SCHWARZ
 16-4506-14
 14.0cm



VIENNA
 14.5cm
 16-4507-01 (infant)
 16-4507-02 (child)
 16-4507-03 (adult)
 16-4507-04 (sheet metal)



MOD WIEN
 16-4508-14
 14.5cm

EN	Nasal Speculas
DE	Nasenspekula
ES	Espéculos nasales
FR	Spéculums nasaux
IT	Specula nasale

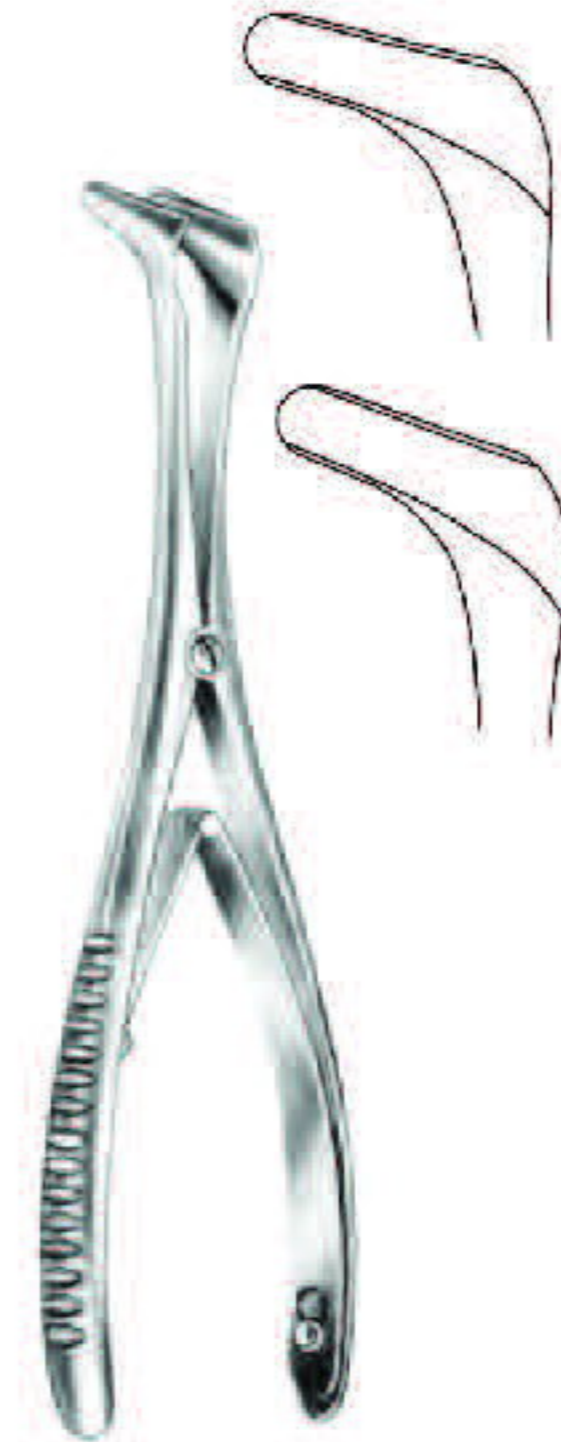
RHINOLOGY



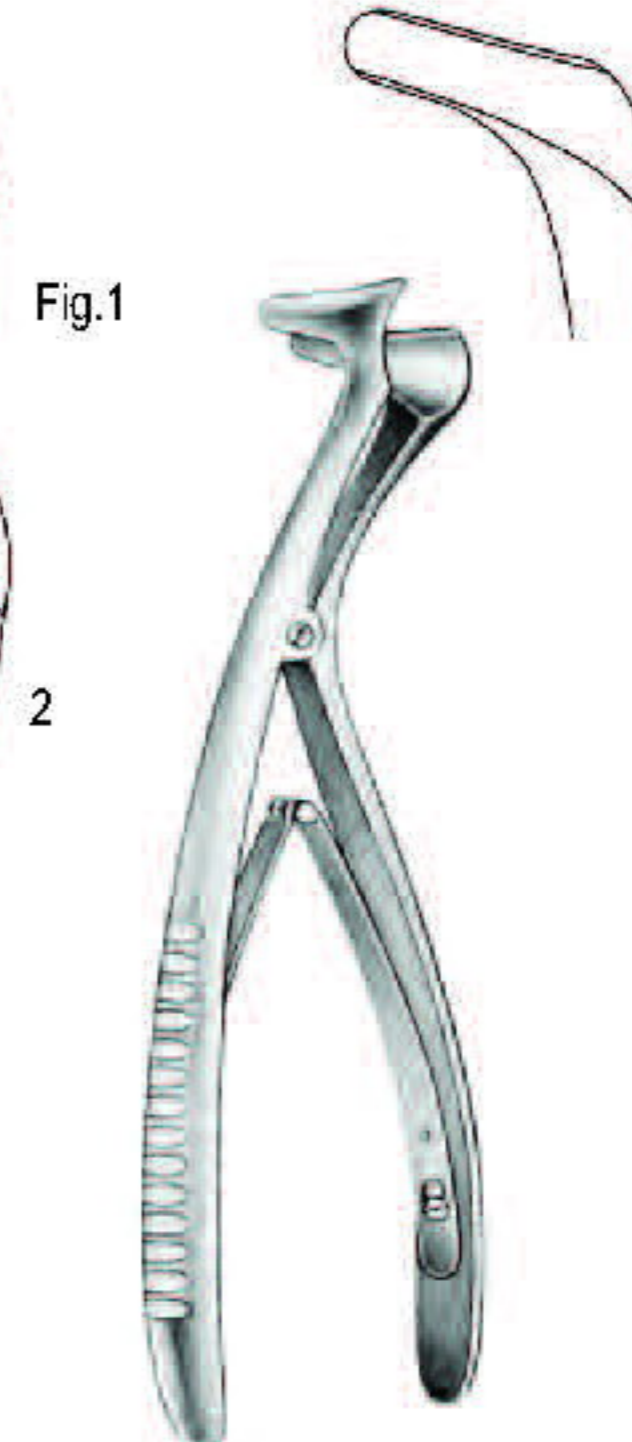
16-4509-13
13.0cm



16-4510-13
13.0cm



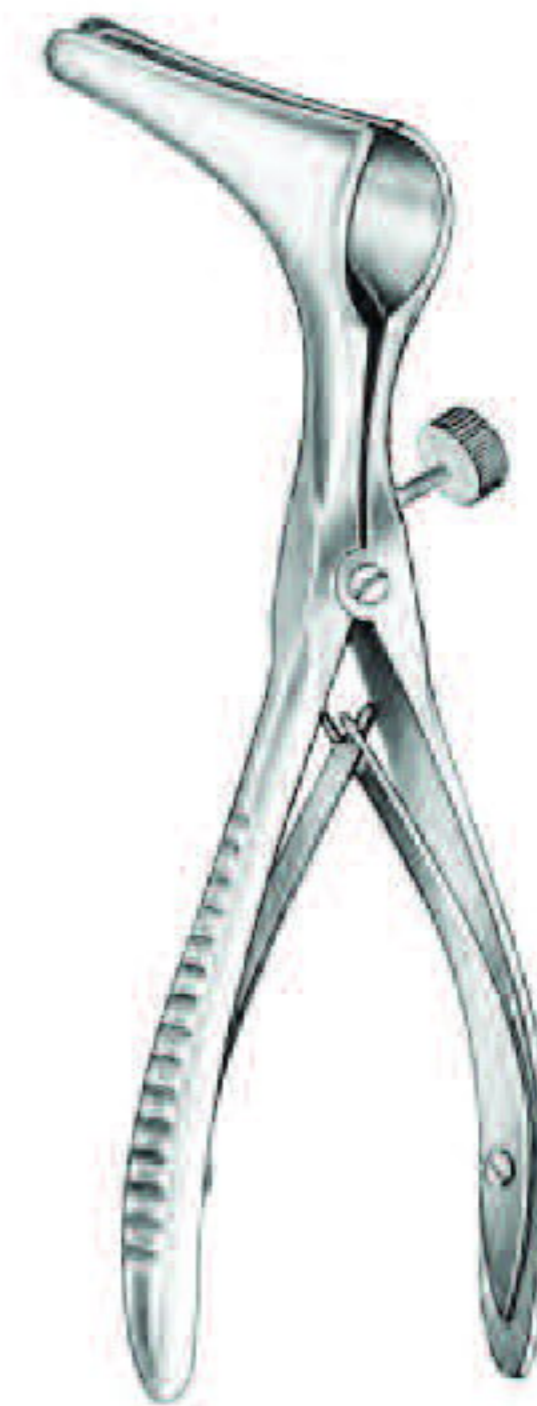
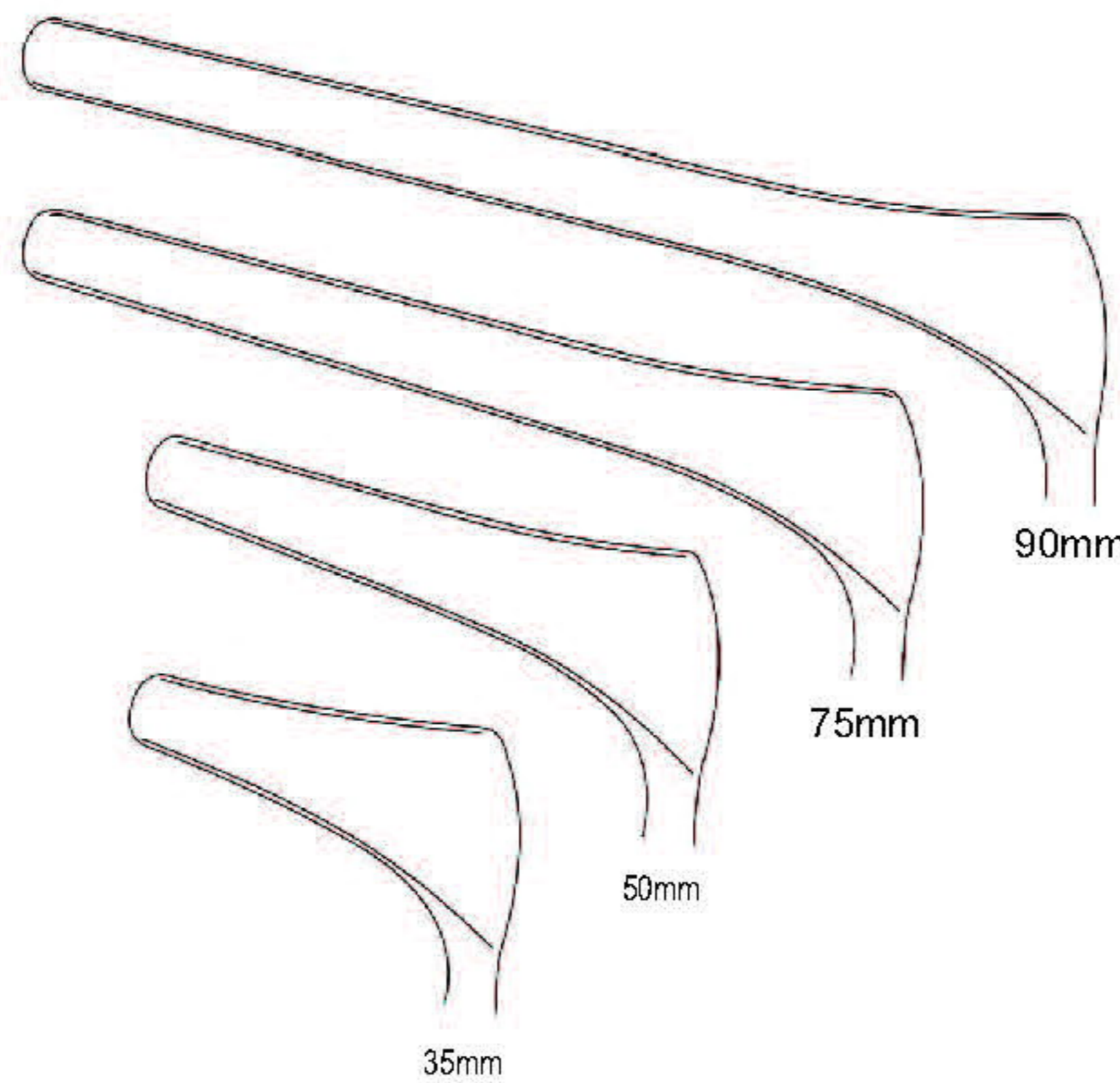
TIECK-HALLE
13.5cm
16-4511-01
16-4511-02



TIECK-HALLE
16-4512-13
13.5cm



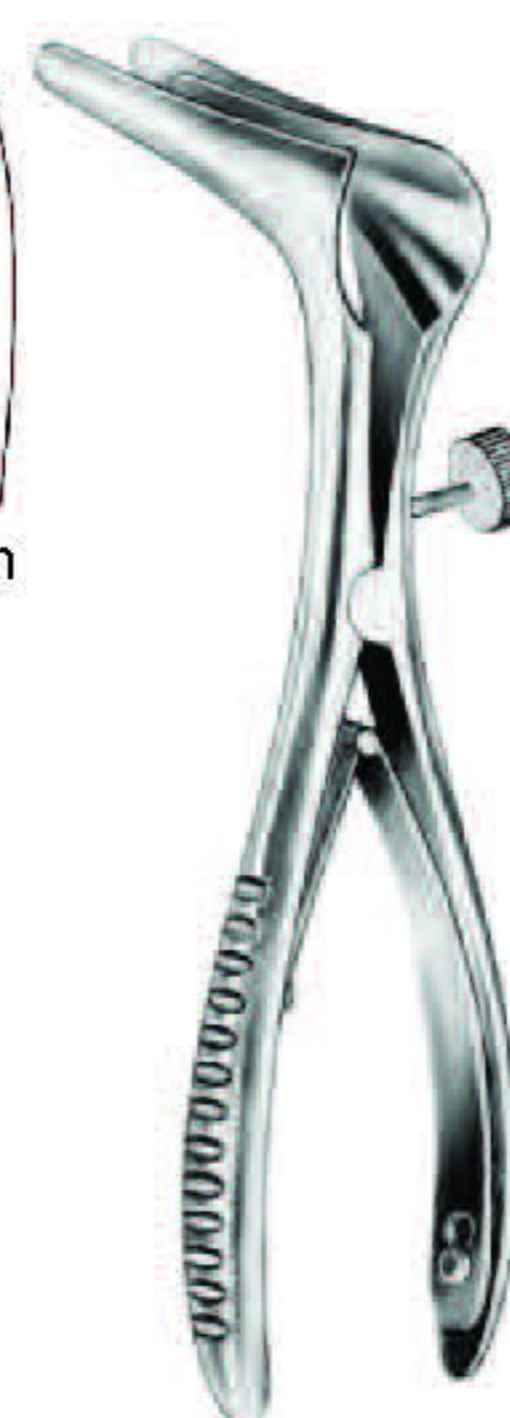
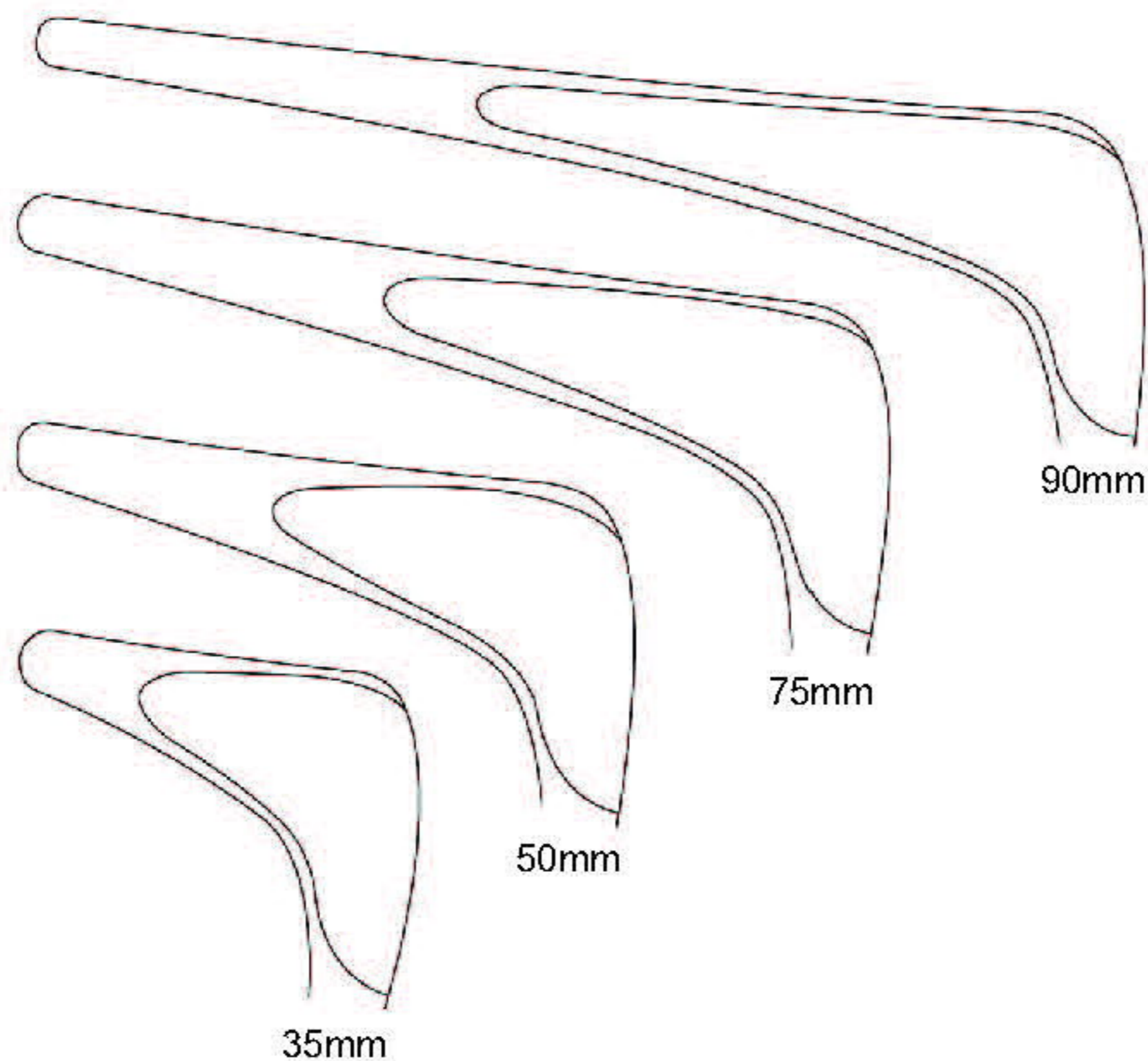
KILLIAN
13.0cm
16-4513-35
16-4513-50
16-4513-75
16-4513-90



KILLIAN (with side screw)
13.0cm
16-4514-35
16-4514-50
16-4514-75
16-4514-90



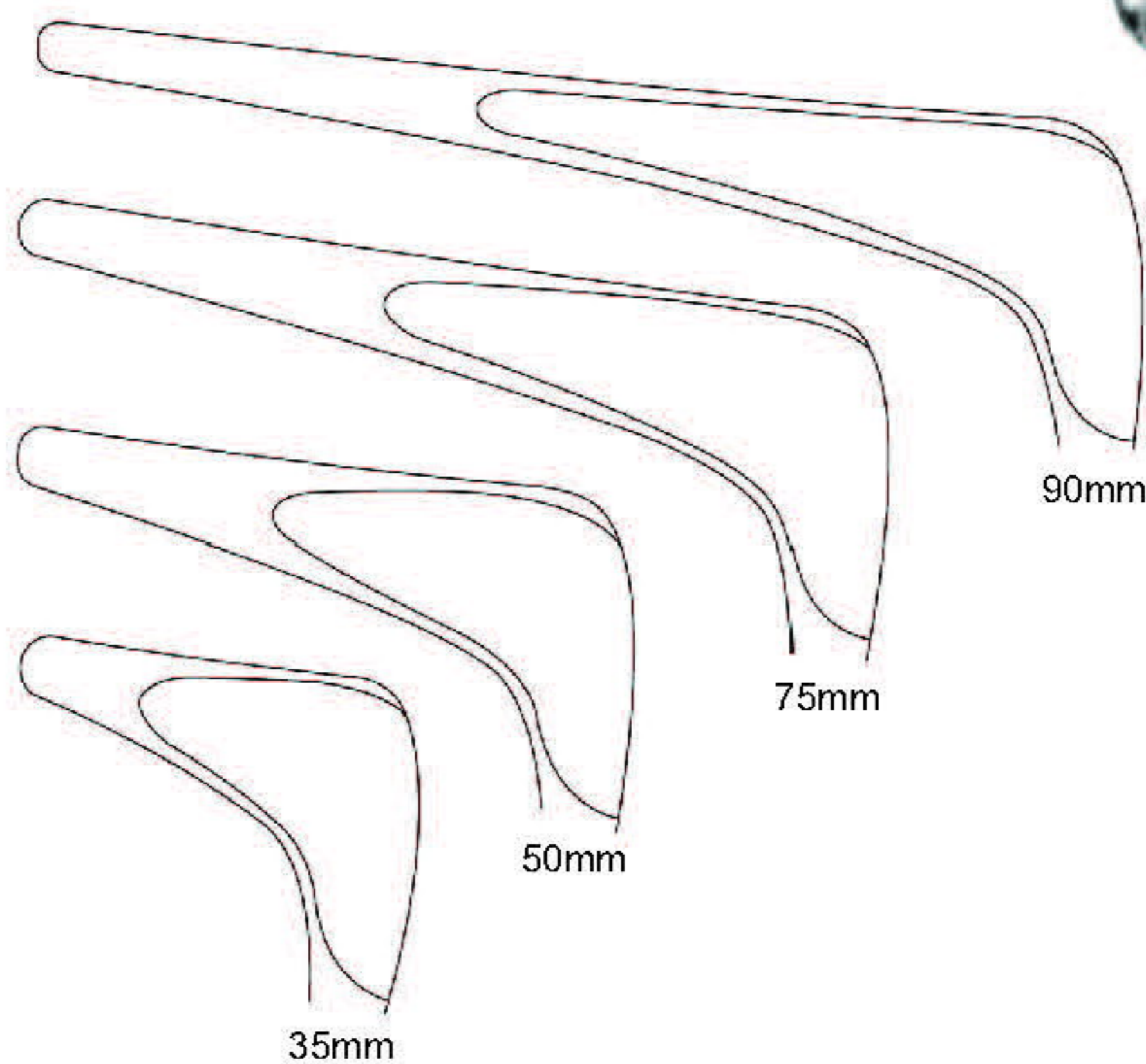
COTTLE
 15.0cm
 16-4515-35
 16-4515-50
 16-4515-75
 16-4515-90



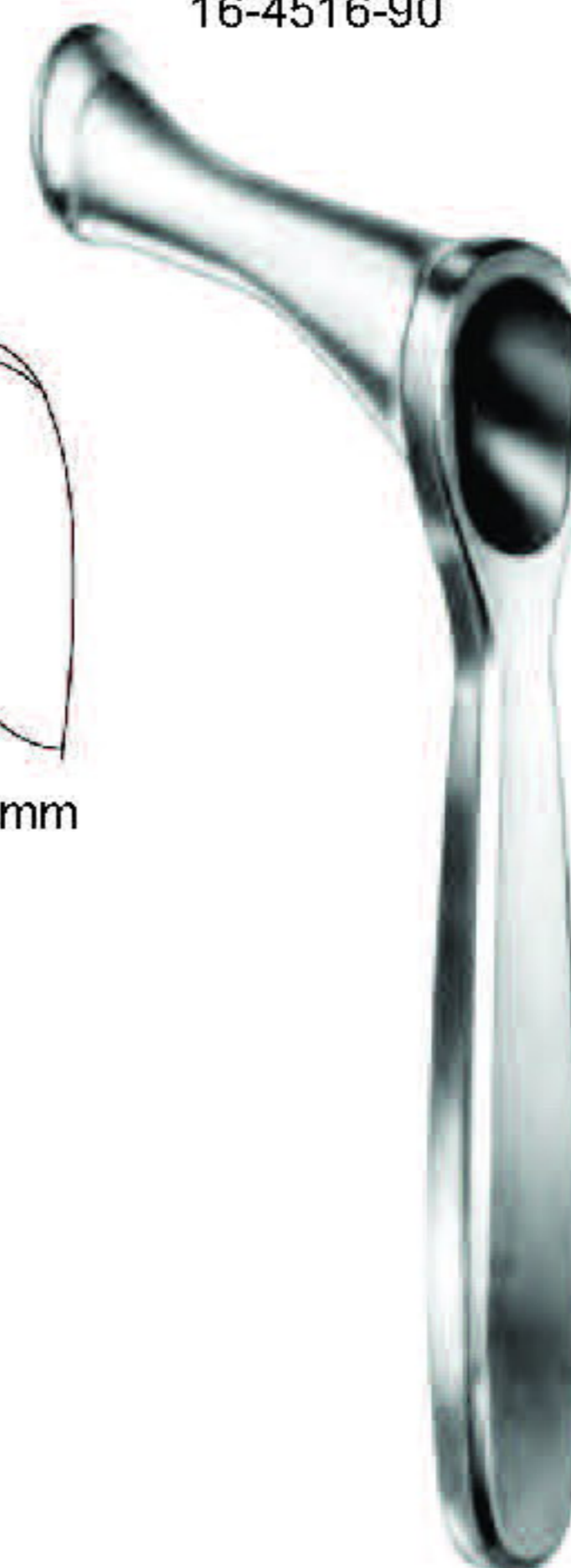
COTTLE (with side screw)
 15.0cm
 16-4516-35
 16-4516-50
 16-4516-75
 16-4516-90



COTTLE
 (dull black chromium plated)
 14.0cm

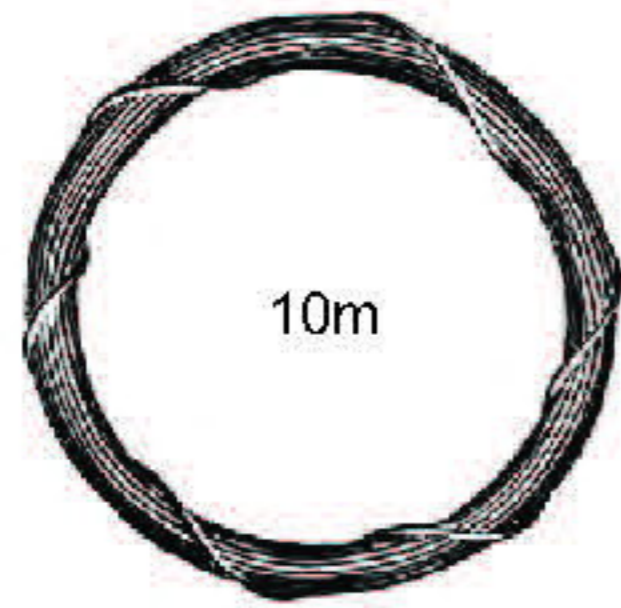


16-4517-35
 16-4517-50
 16-4517-75
 16-4517-90



YANKAUER
 16-4518-19
 19.0cm

EN	Nasal Snares
DE	Polypenschnurer
ES	Polipotomos
FR	Spéculums nasaux
IT	Specula nasale



16-4519-03 0.3mm Ø
16-4519-04 0.4mm Ø

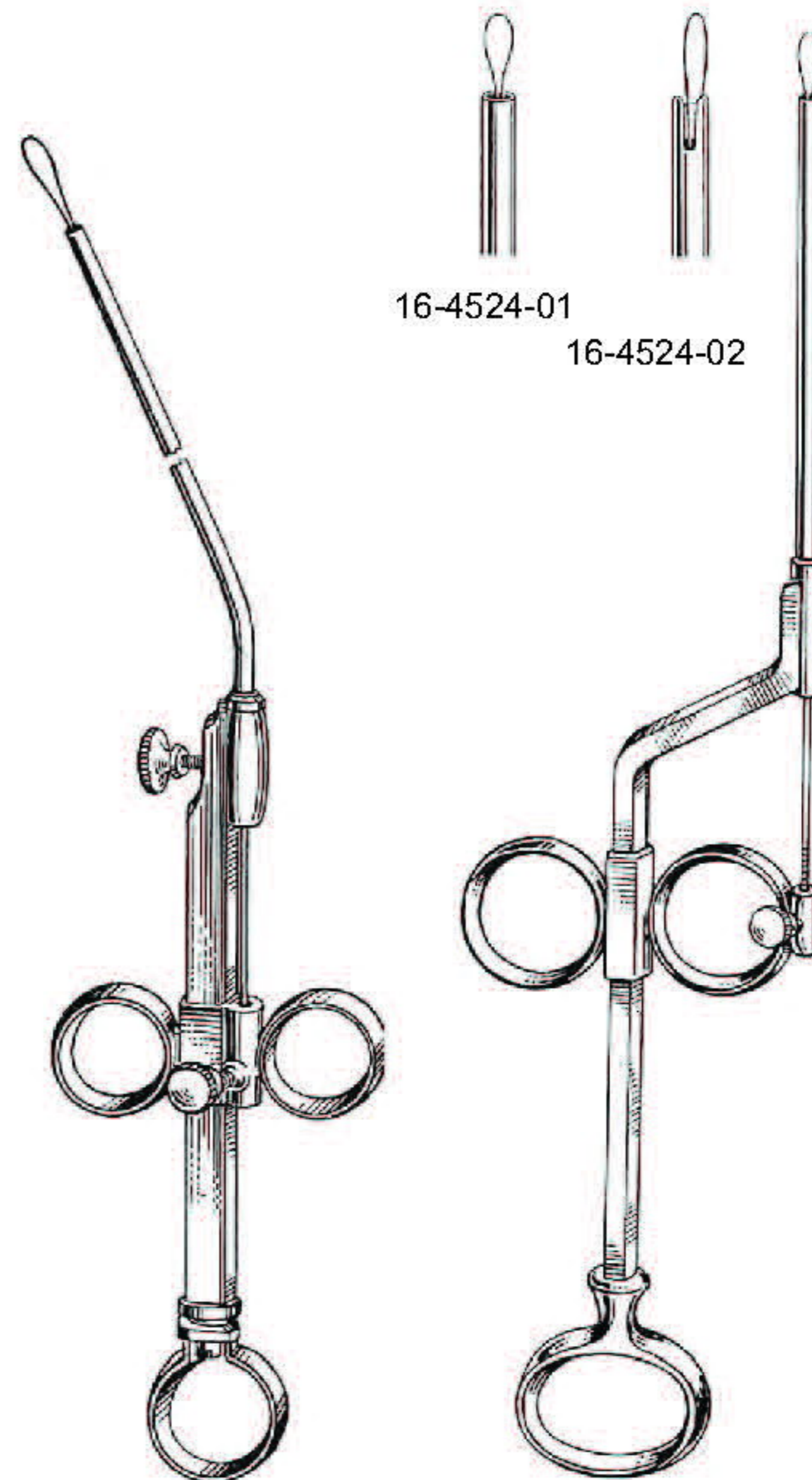


16-4520-02 0.2mm Ø
16-4520-03 0.3mm Ø



KRAUSE
16-4521-26
26.0cm

KRAUSE-VOSS
16-4522-26
26.0cm



KRAUSE
16-4523-00

GLEGG

16-4524-01
16-4524-02



KILLIAN
 16-4525-17
 17.0cm



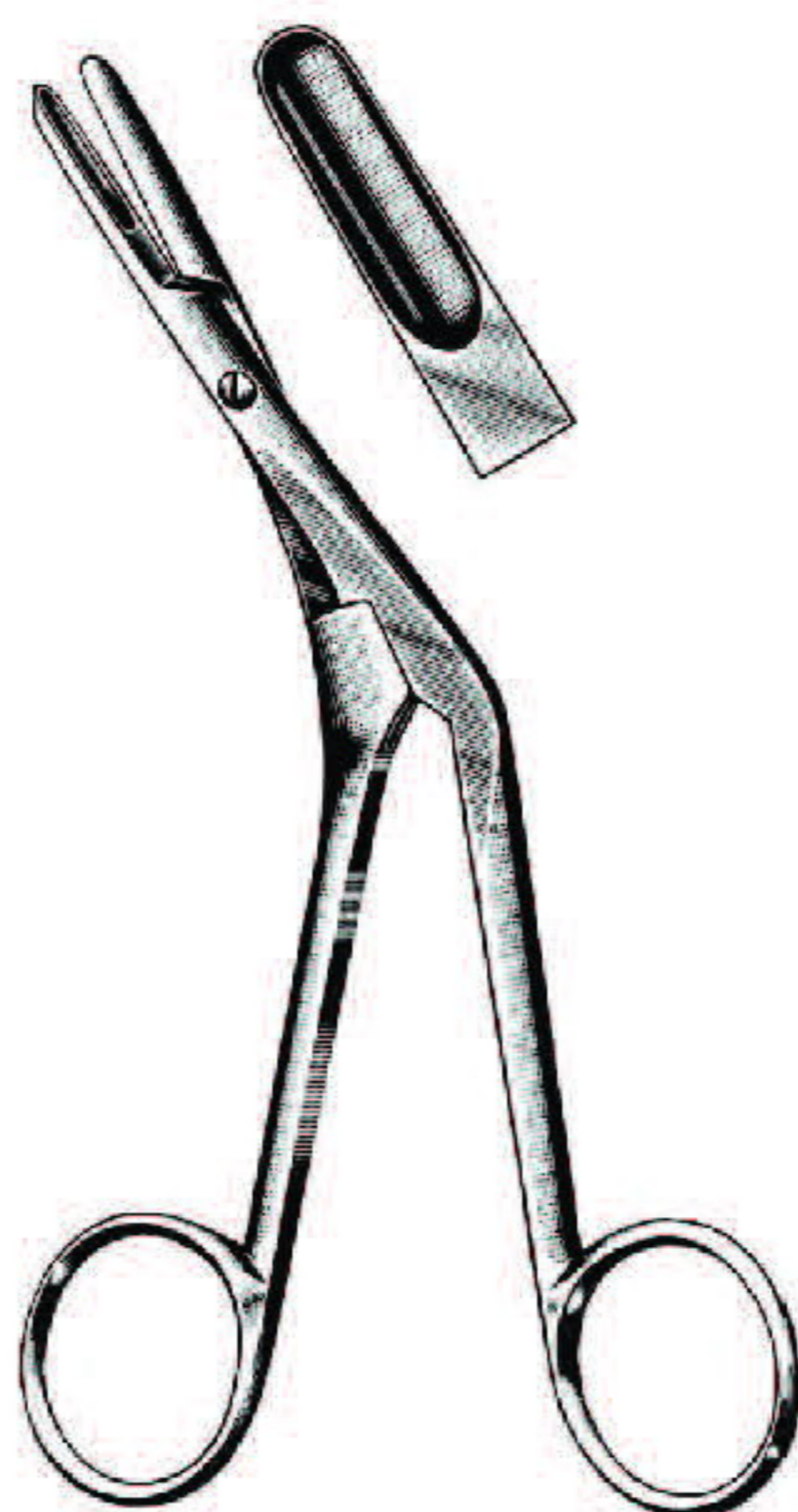
LITTAUER
 16-4526-18
 18.0cm



HARTMANN
 16-4527-20
 20.0cm



QUIRE
 16-4528-12
 12.0cm



GRAIG
 16-4529-18
 18.0cm



16-4530-01 16-4530-02

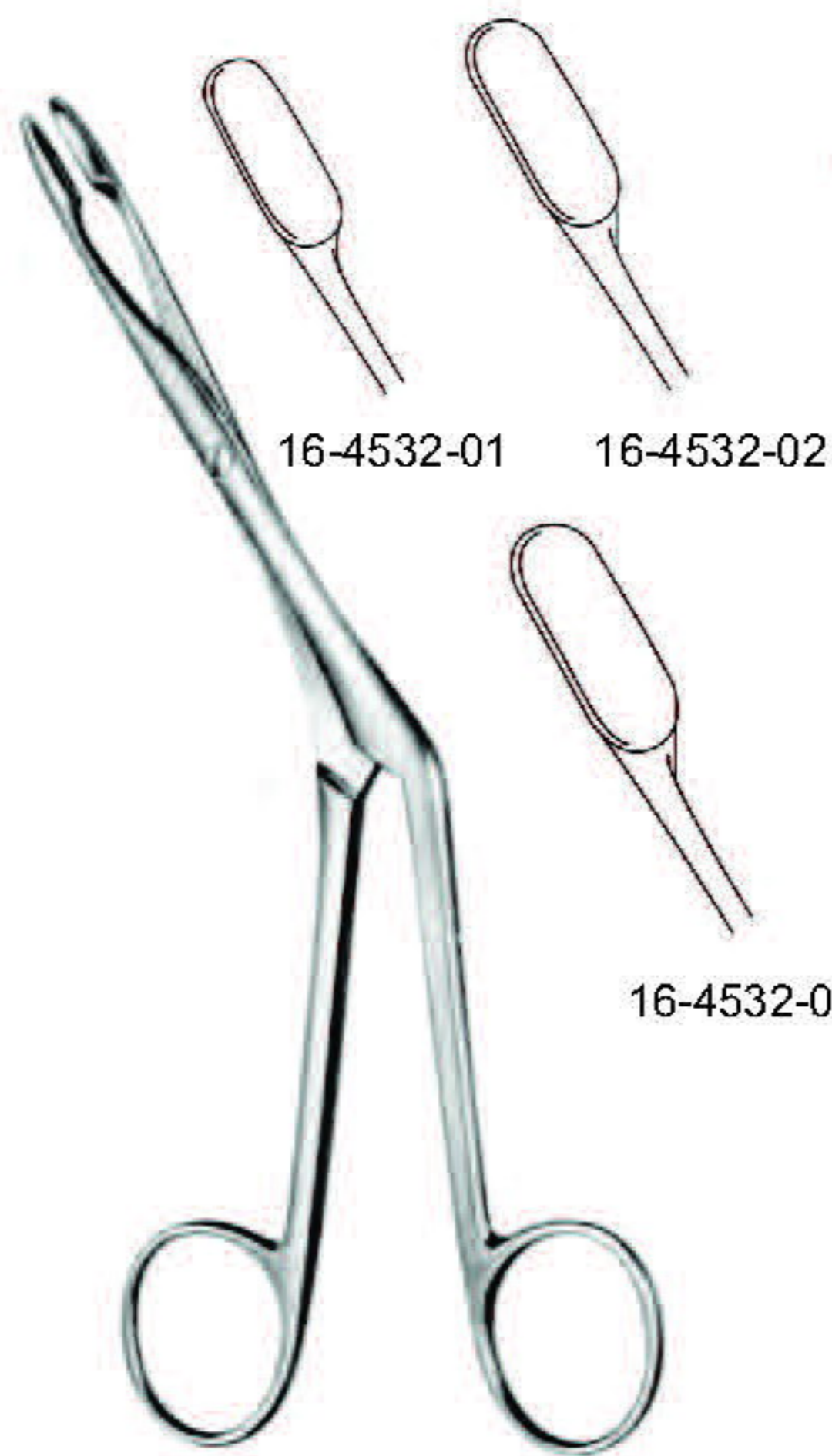
18.0cm

EN Nasal Polypus and Septum Compression Forceps
 DE Polypenzangen, Septumzange
 ES Pinzas para polipos, pinzas para el tabique nasal
 FR Polypes nasaux et pinces de compression à septum
 IT Polipi nasali e pinze per la compressione del setto

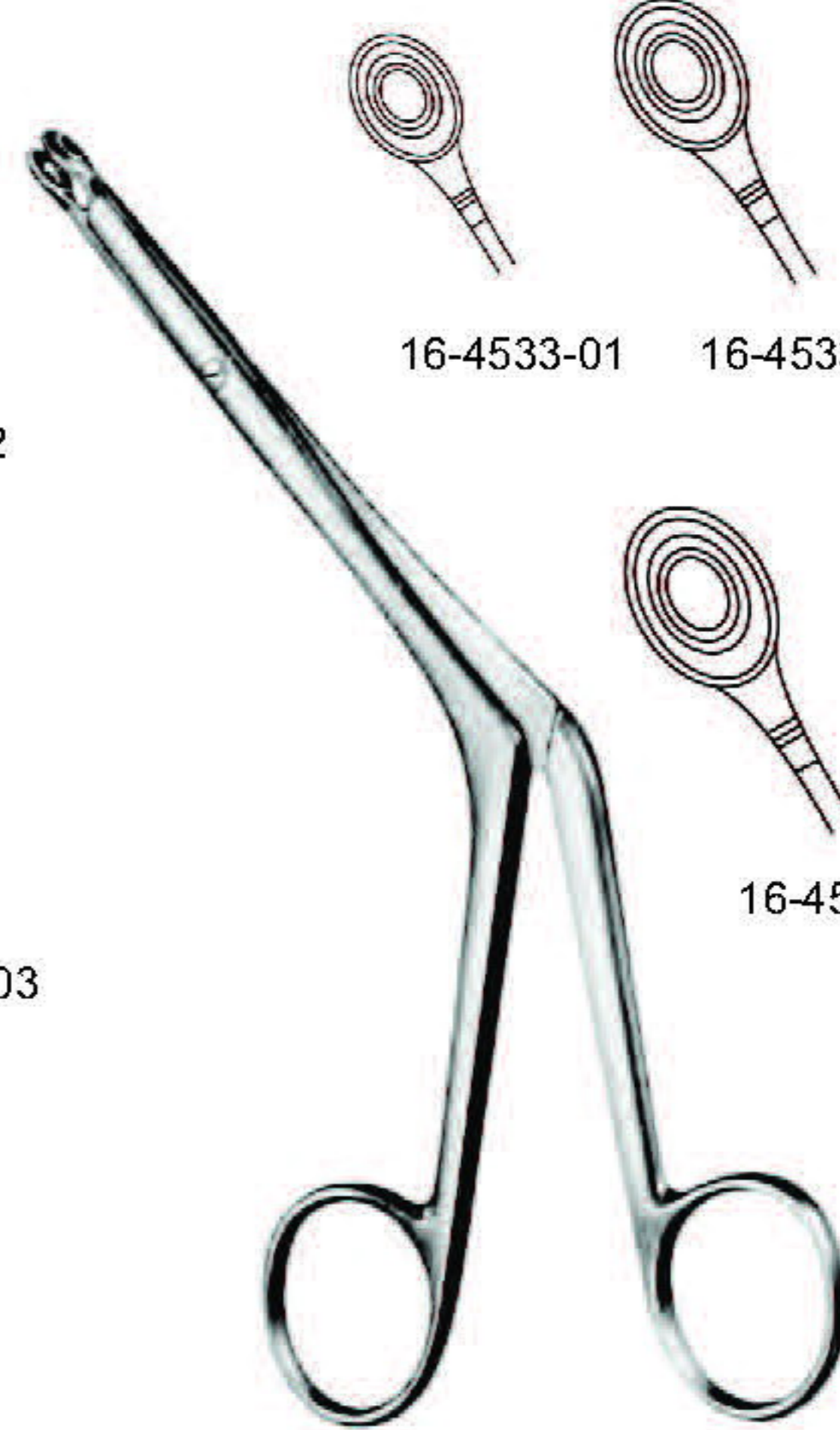
RHINOLOGY



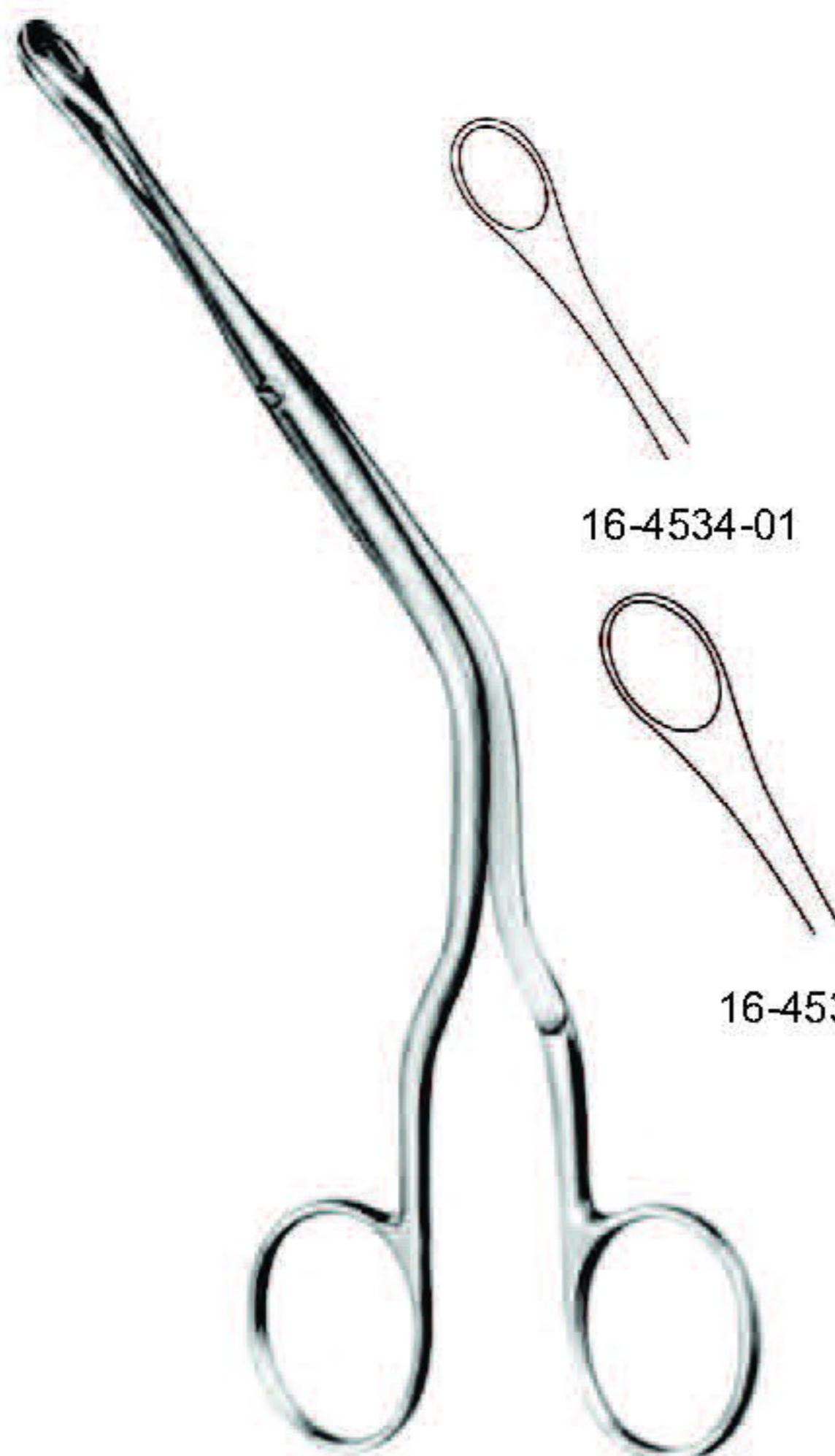
KNIGHT
 16-4531-18
 18.0cm



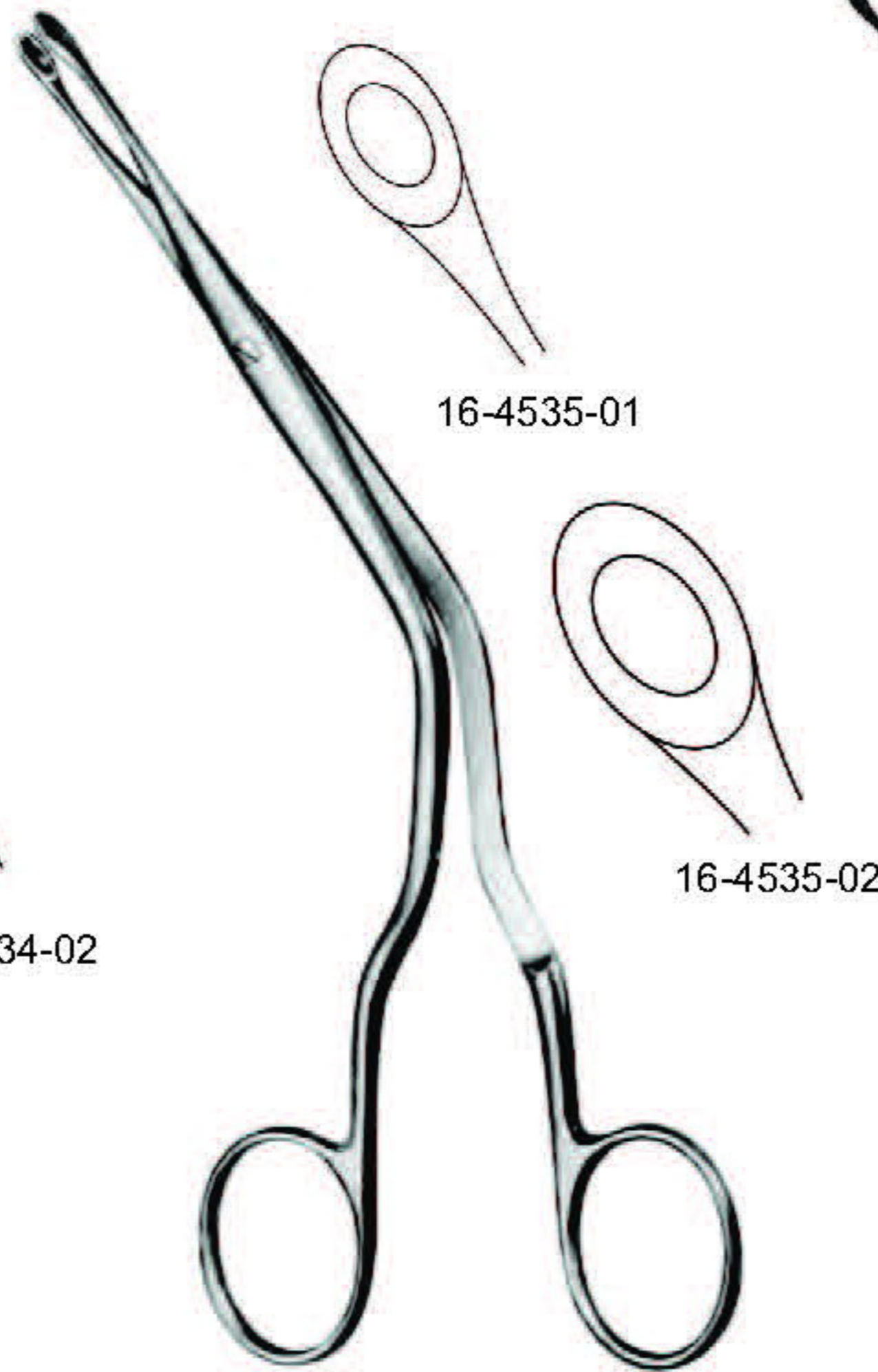
HEYMANN
 18.0cm



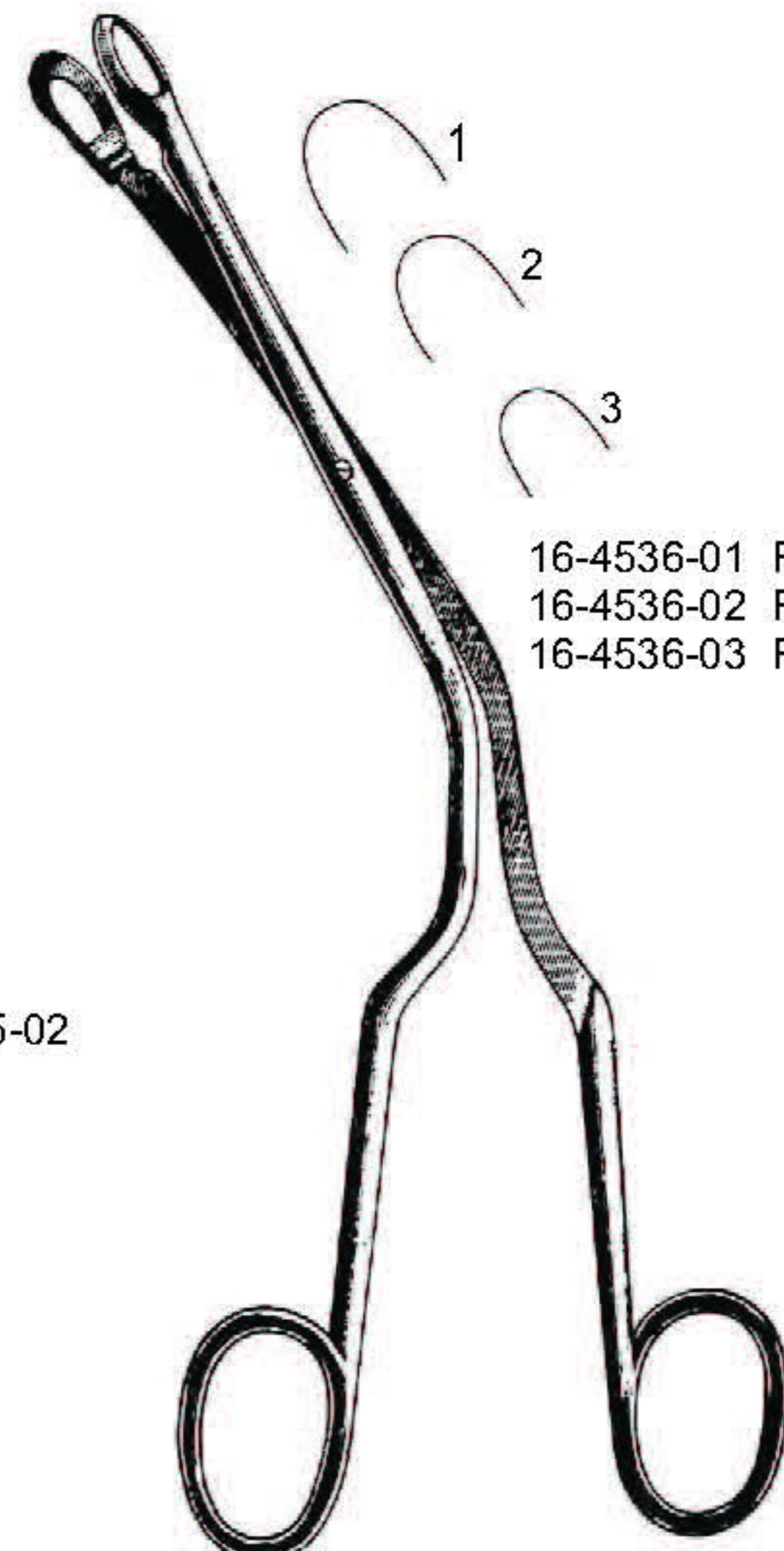
BRUENINGS
 19.0cm



LUC
 20.0cm

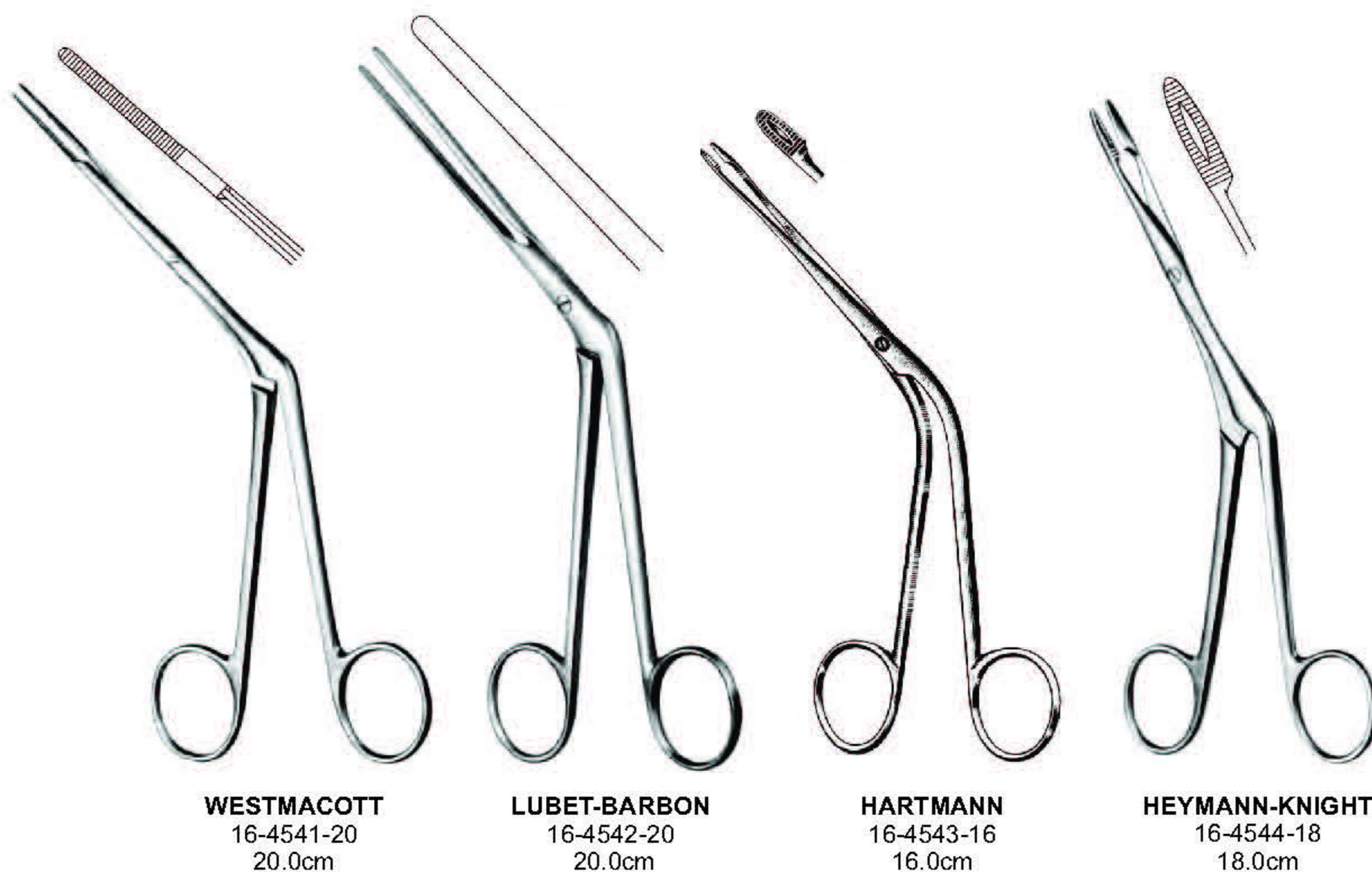
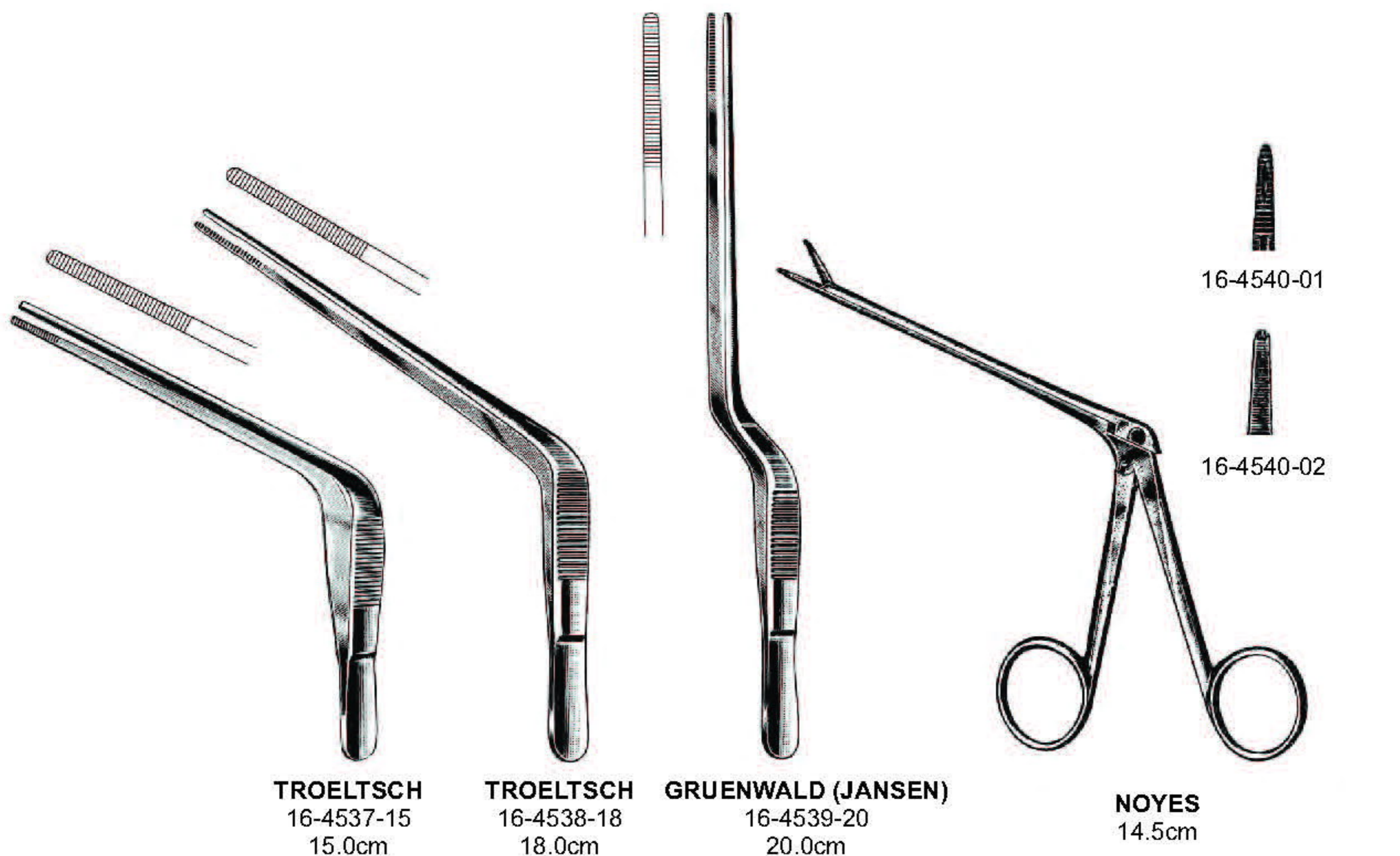


LUC
 20.0cm



LUC
 20.0cm

16-4533-01 16-4533-02
 16-4533-03 16-4533-04
 16-4532-01 16-4532-02
 16-4532-03
 16-4534-01 16-4534-02
 16-4535-01 16-4535-02
 16-4536-01 Fig. 1
 16-4536-02 Fig. 2
 16-4536-03 Fig. 3



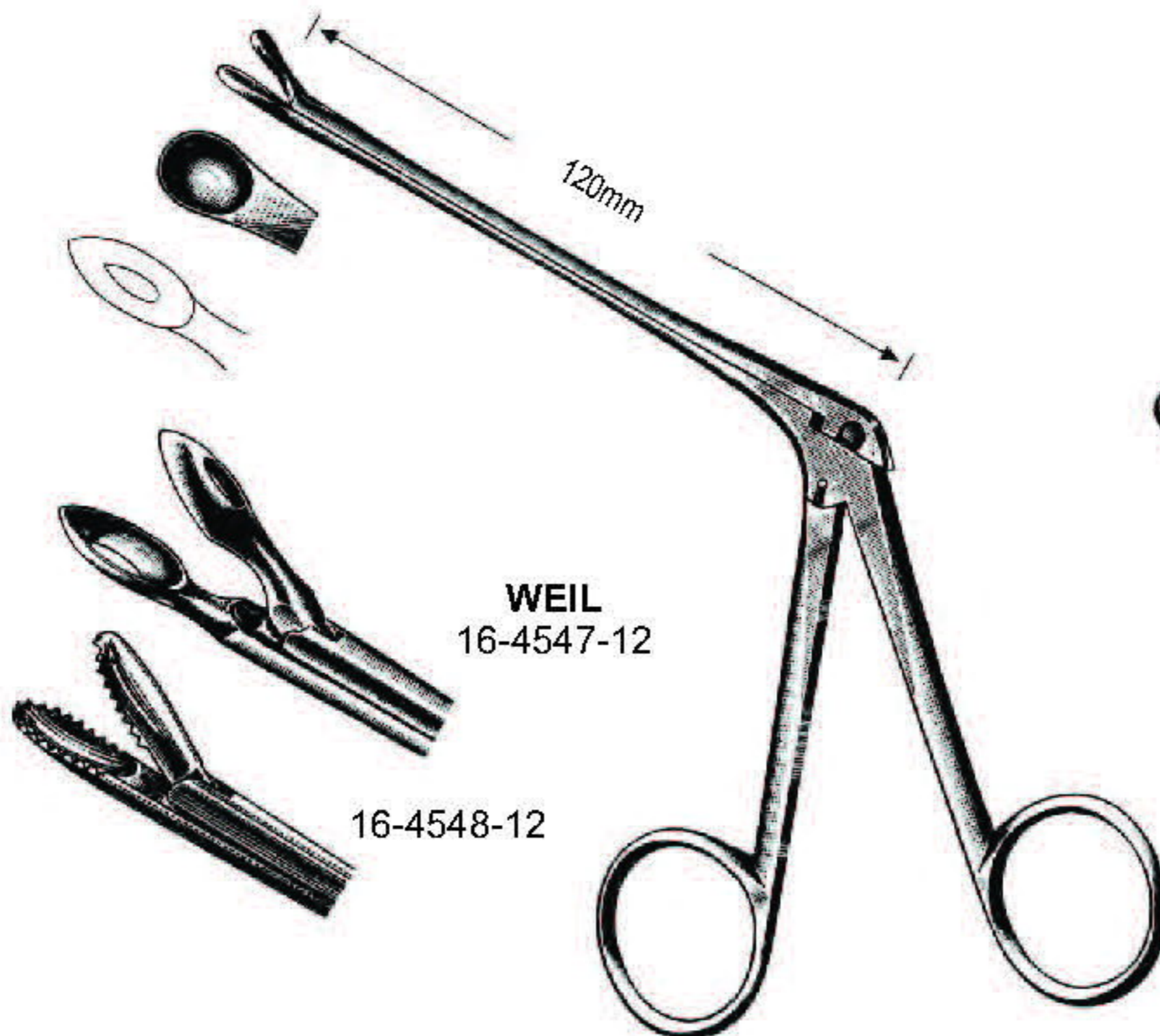
EN	Nasal Cutting Forceps
DE	Scharfe Nasenzangen
ES	Pinzas cortantes cara la nariz
FR	Forceps de coupe nasale
IT	Pinza da taglio nasale



HENCKEL
16-4545-20
20.0cm



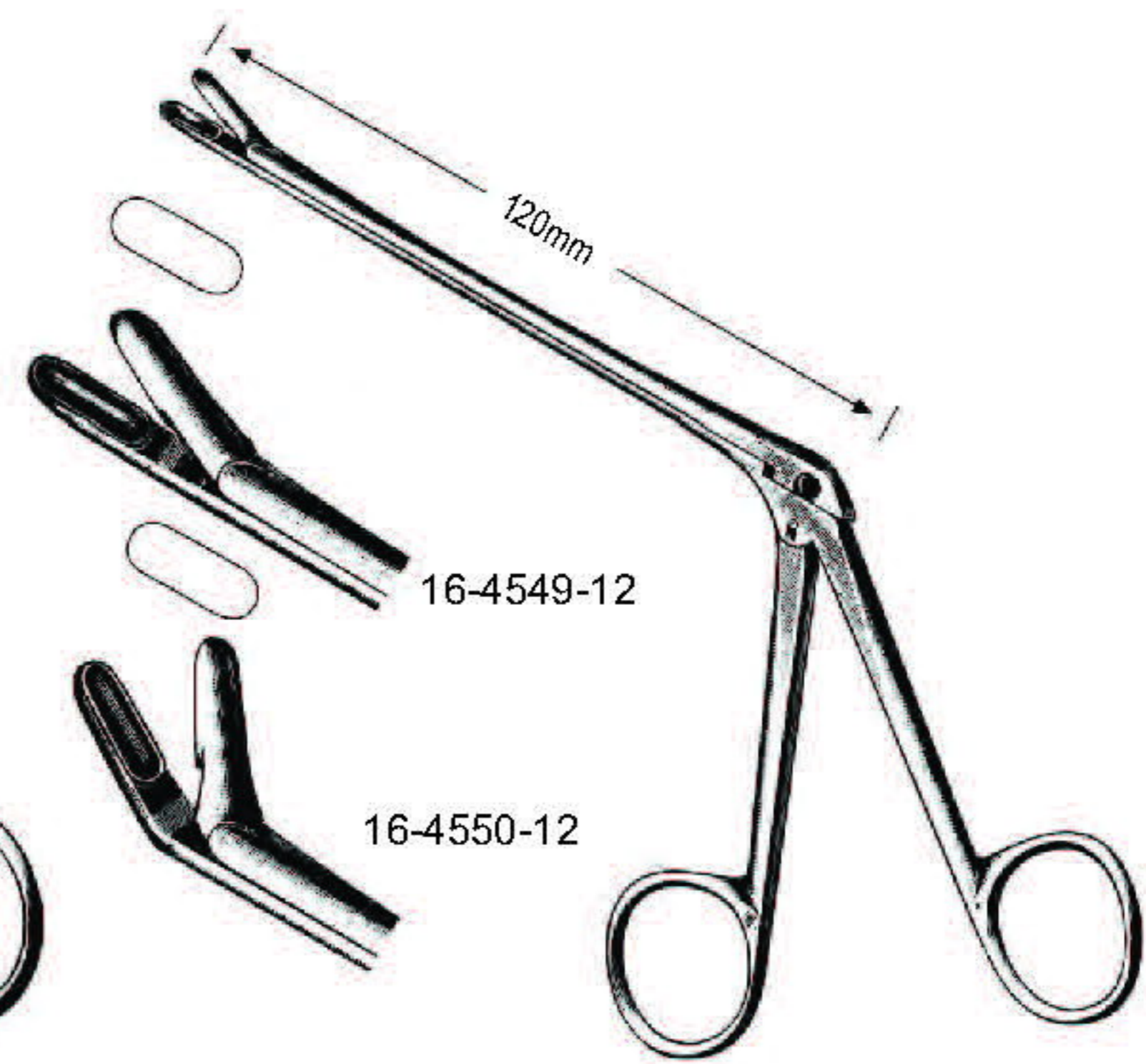
JATHO
16-4546-15



WEIL
16-4547-12

16-4548-12

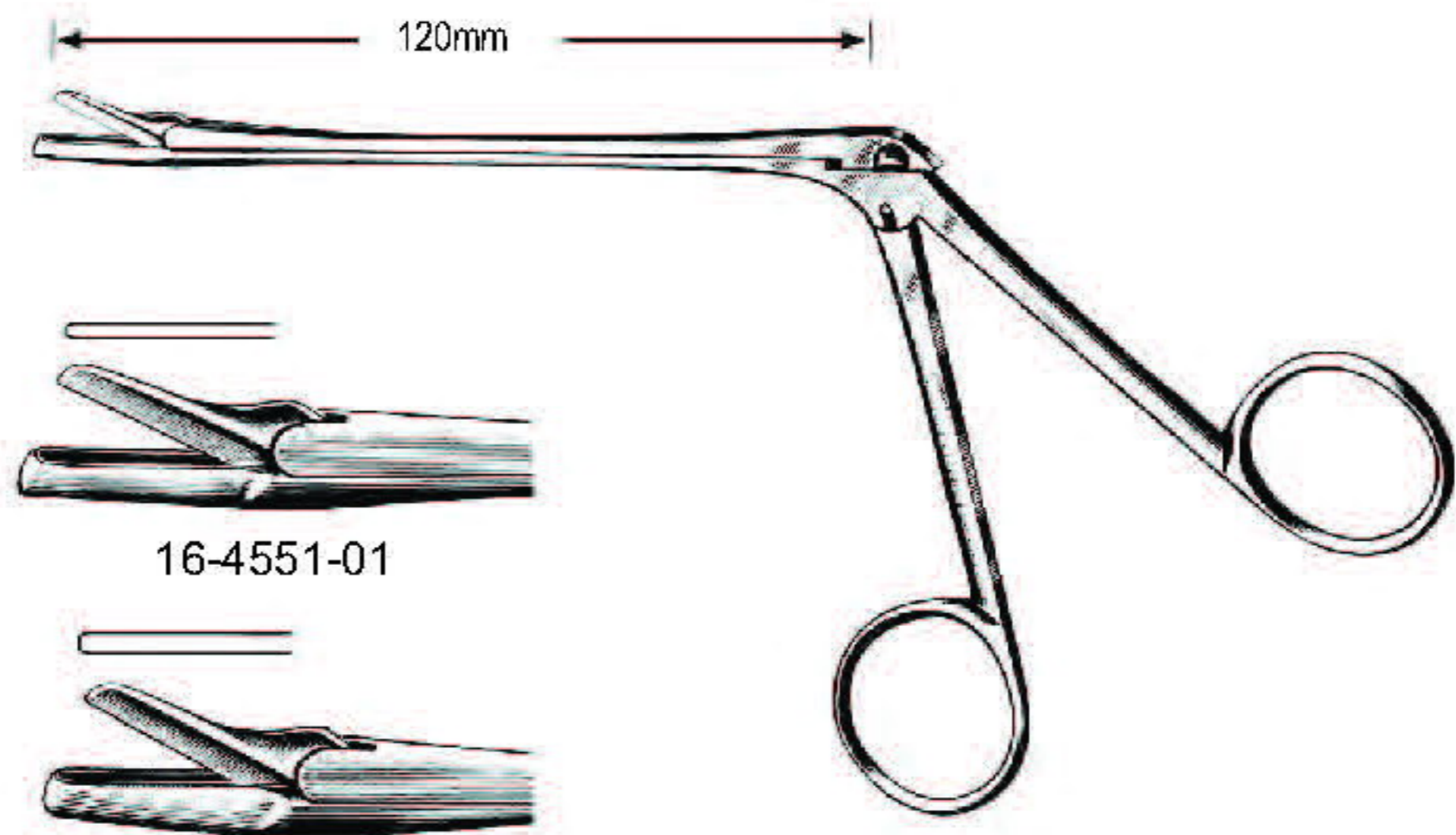
WATSON-WILLIAMS
16-4548-19
19.0cm



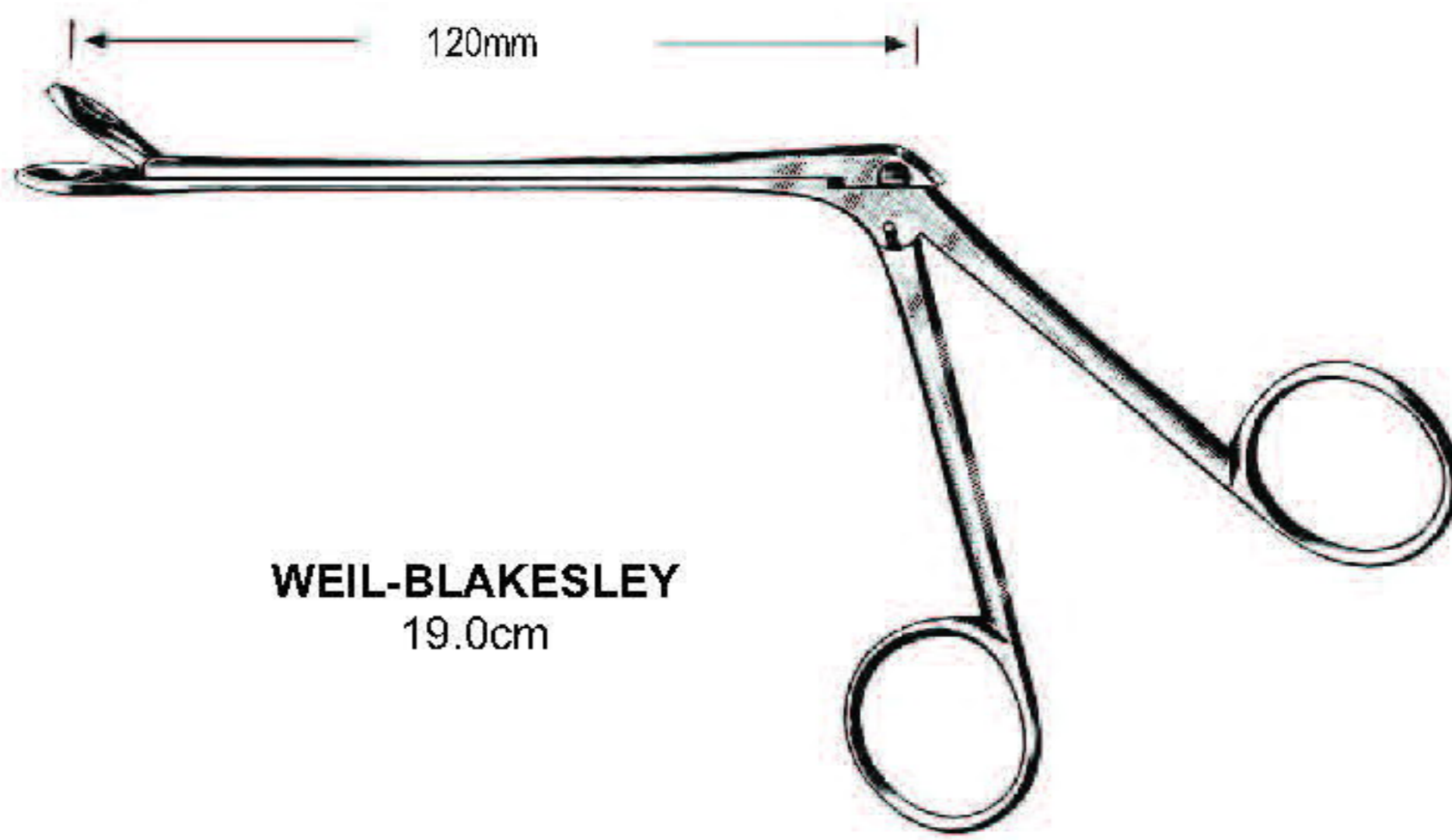
16-4549-12

16-4550-12

TAKAHASHI
19.0cm



STRUYCKEN
19.0cm



WEIL-BLAKESLEY
19.0cm

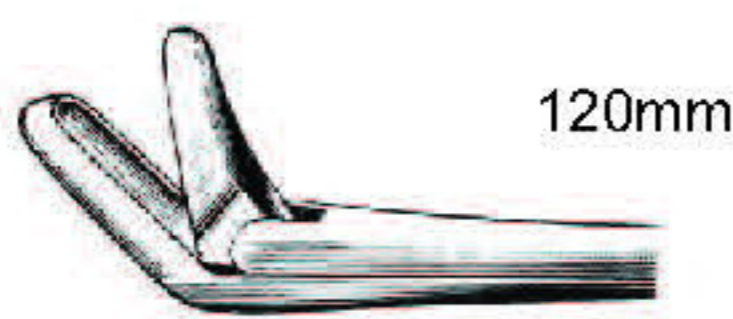
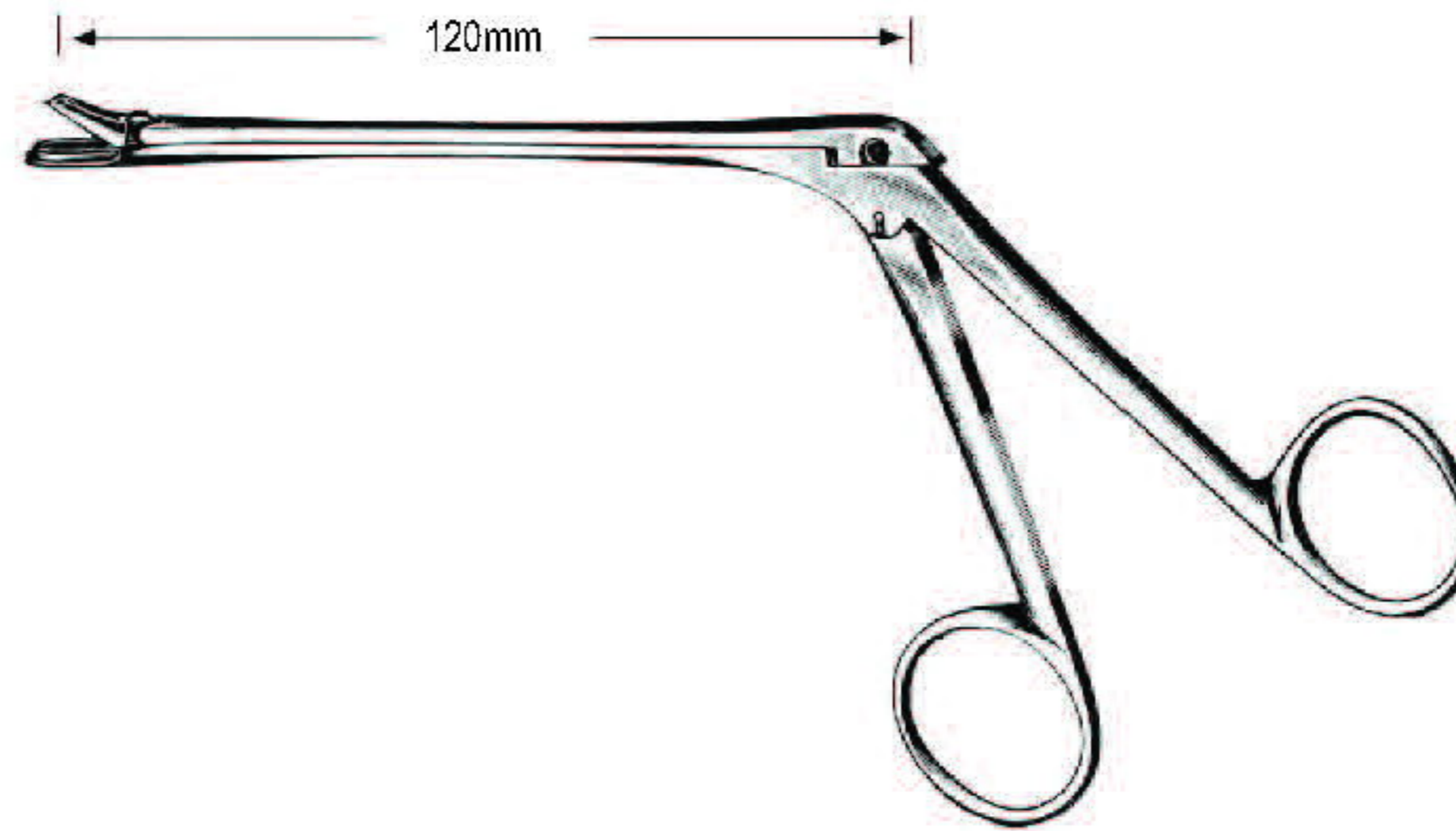


without neck 16-4552-01 16-4552-02 16-4552-03 16-4552-04 16-4552-05



with neck 16-4553-01 16-4553-02 16-4553-03 16-4553-04 16-4553-05

EN	Nasal Cutting Forceps
DE	Scharfe Nasenzangen
ES	Pinzas cortantes cara la nariz
FR	Forceps de coupe nasale
IT	Pinza da taglio nasale



HAJEK
19.0cm

16-4554-12







SCHMEDEN
19.0cm

16-4555-12



HARTMANN
19.0cm

 16-4556-01 5mm	 16-4556-02 7mm
 16-4556-03 9mm	 16-4556-04 11mm



16-4557-01
2.2mm

16-4557-03
3mm

16-4557-02
2.6mm

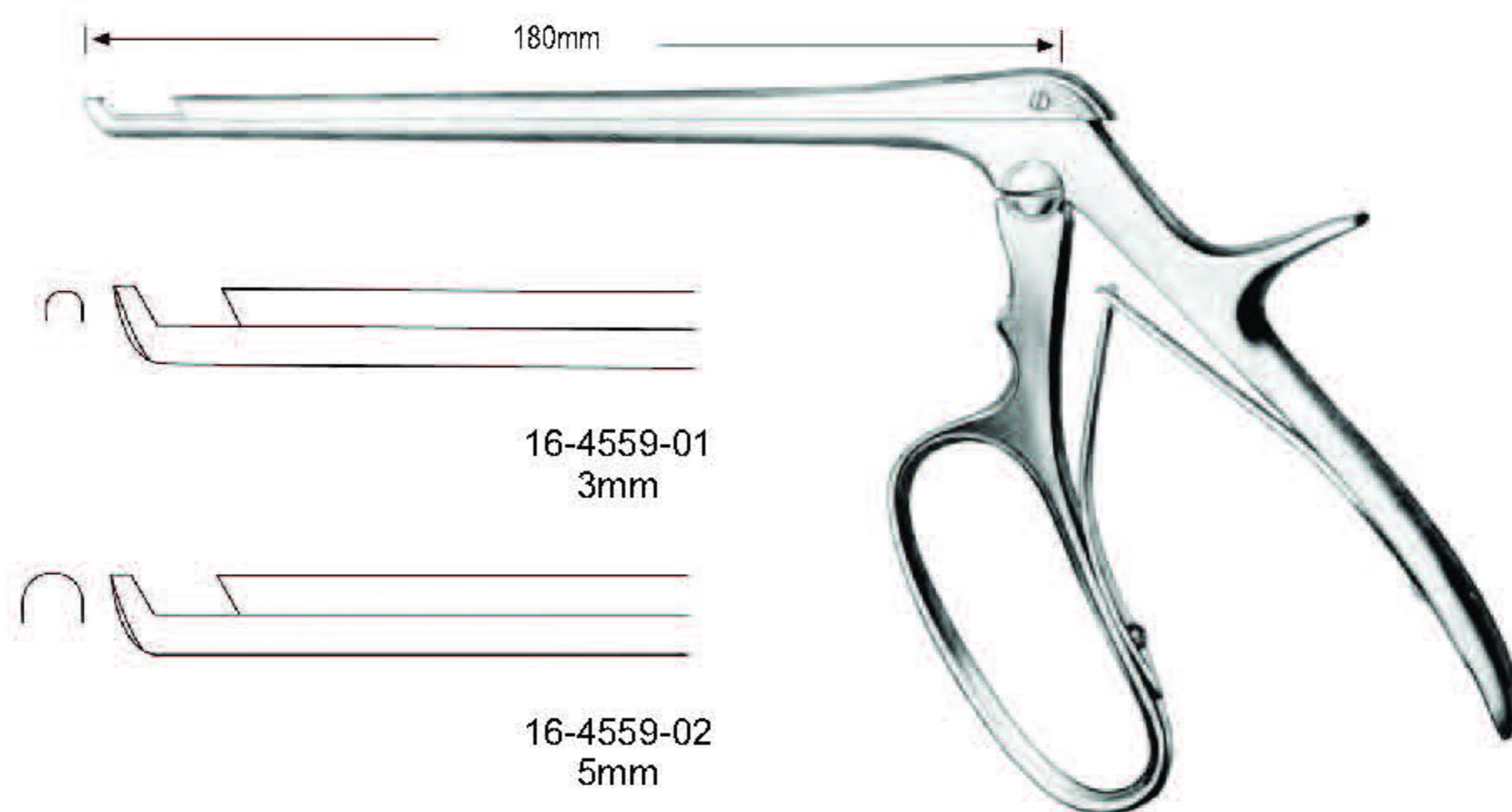
16-4557-04
3.4mm



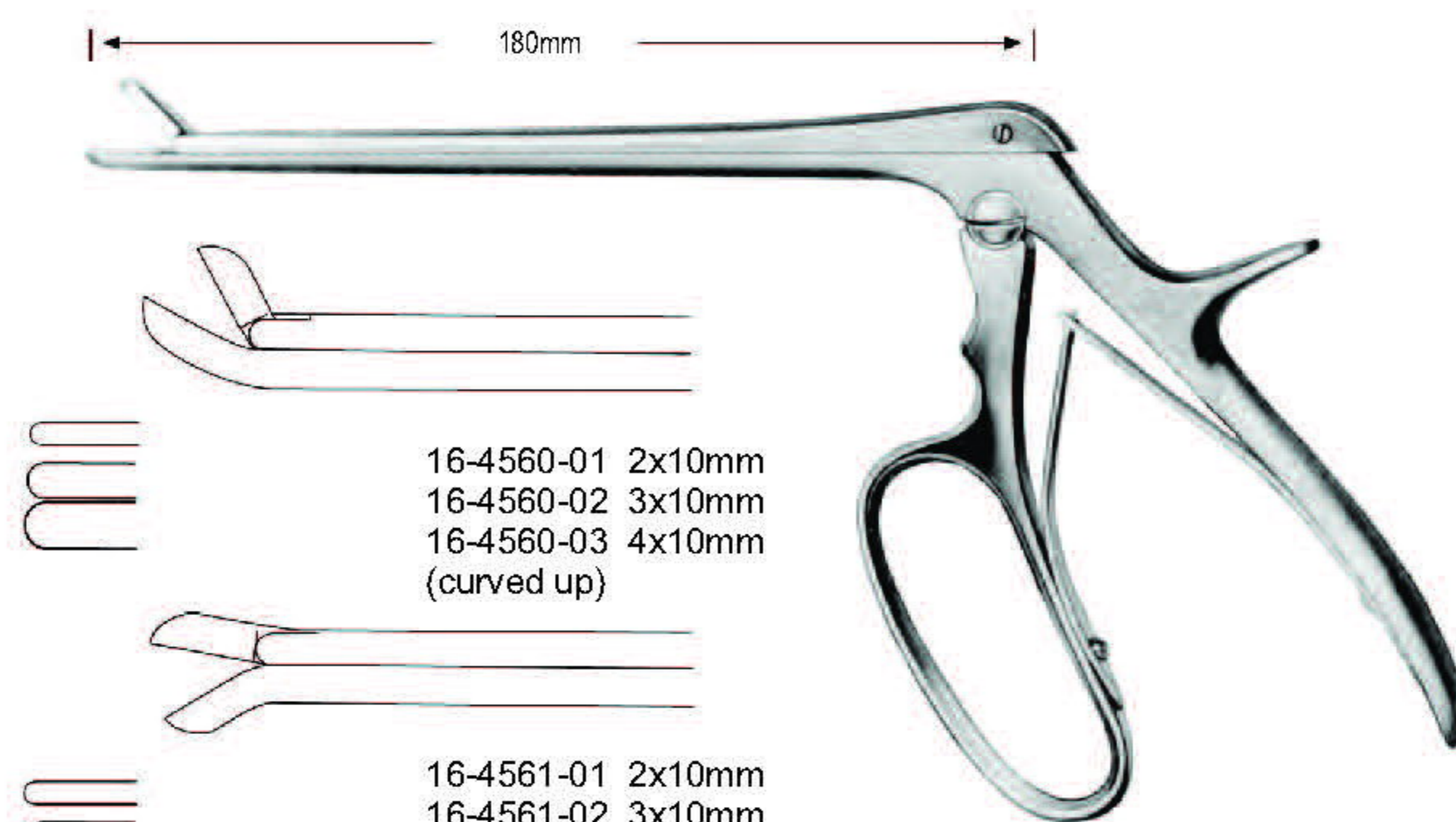
MYLES
19.0 cm

16-4558-01 16-4558-02

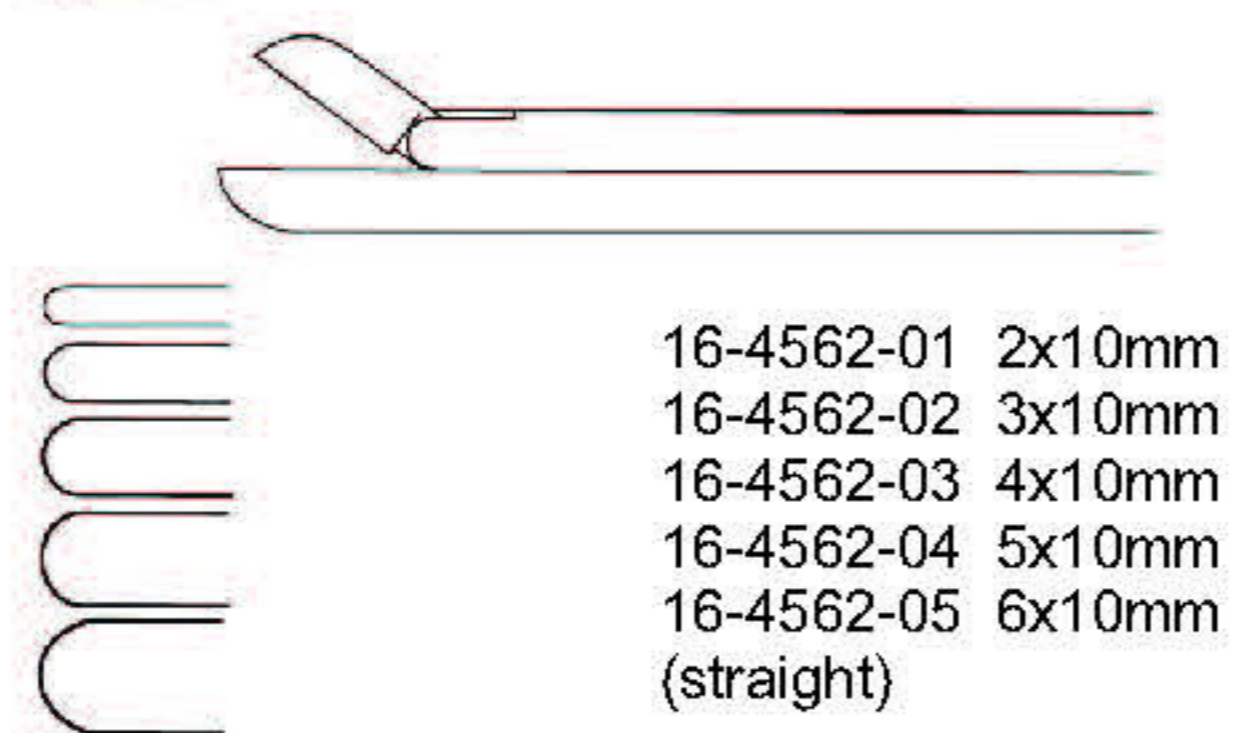
16-4558-03



**FERRIS-SMITH-KERRISON
 (CLOWARD HARPER)**



FERRIS-SMITH-CUSHING

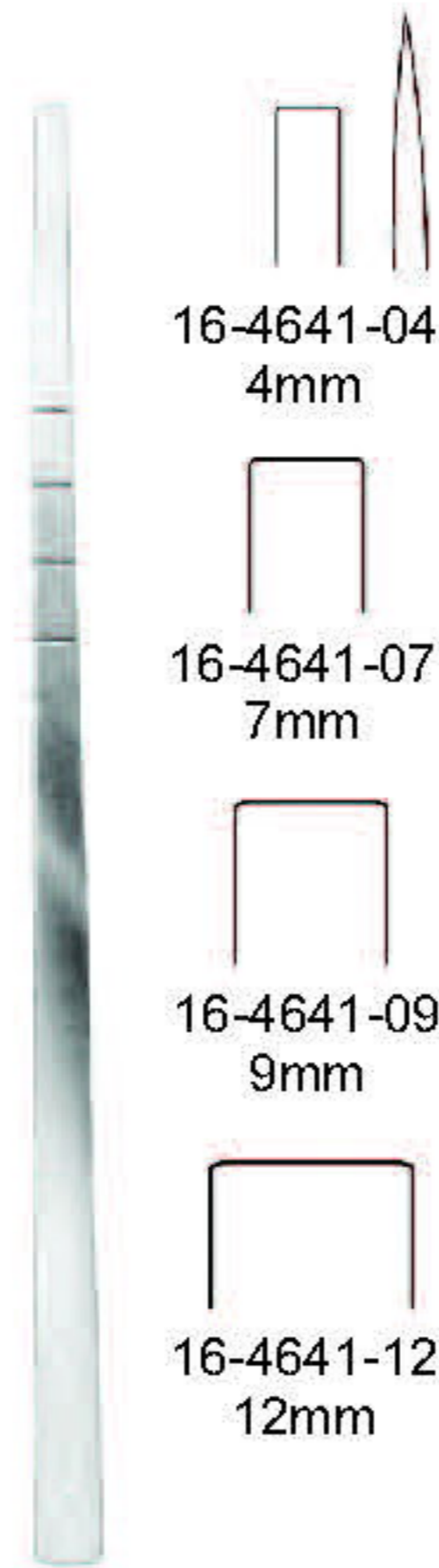


EN	Osteotomes, Gouges, Chisels
DE	Osteotome, Hohlmeißel, Meißel
ES	Osteótomos, gubias, cinceles
FR	Ostéotomes, gouges, ciseaux
IT	Osteotomi, sgorbie, scalpelli

RHINOLOGY



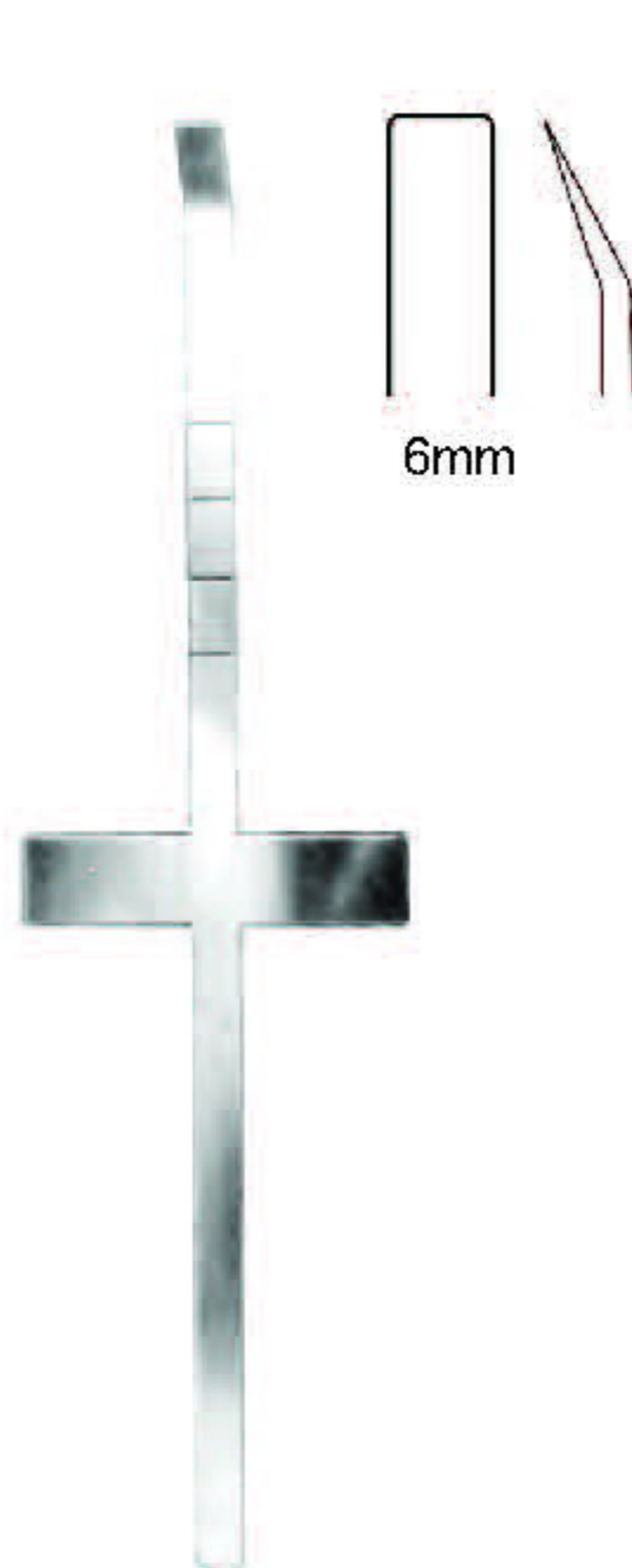
COTTLE
16-4640-18
18.0cm



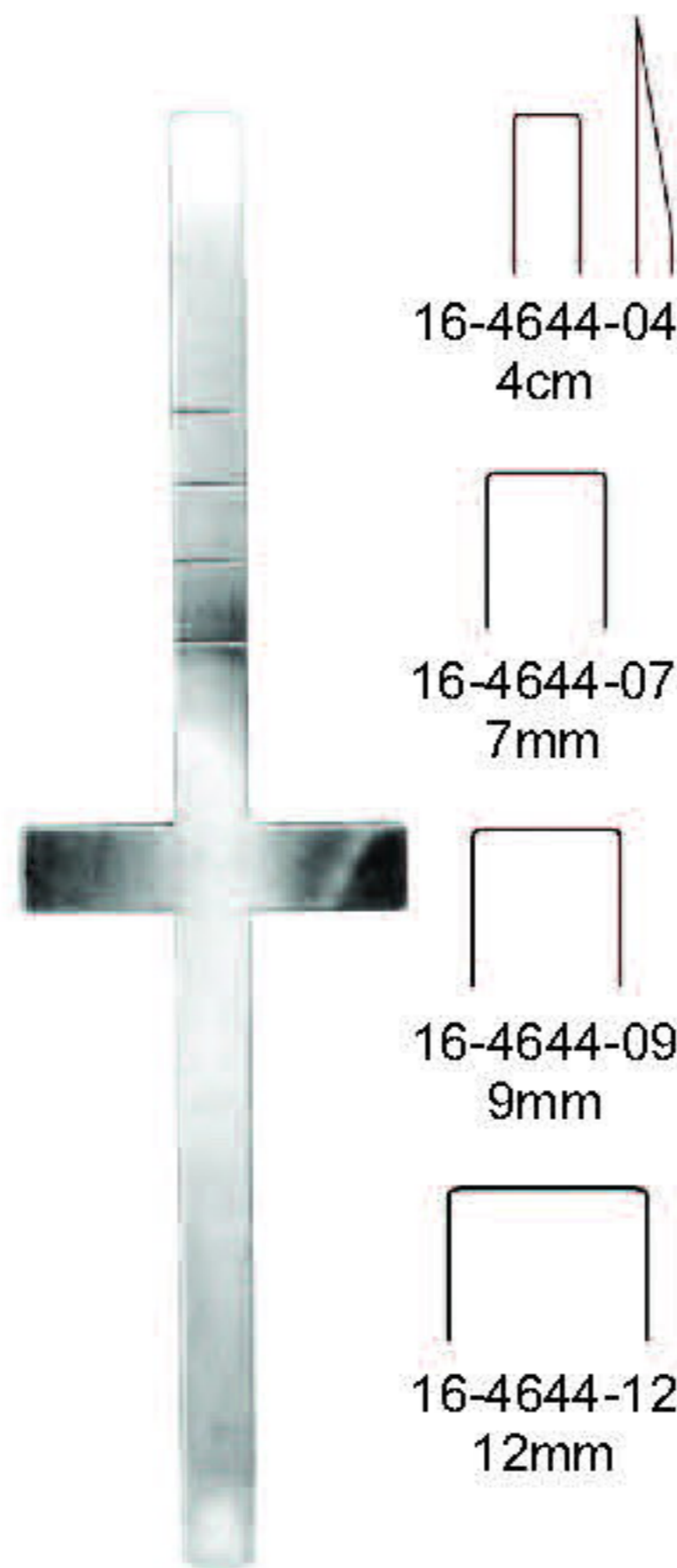
COTTLE
18.0cm



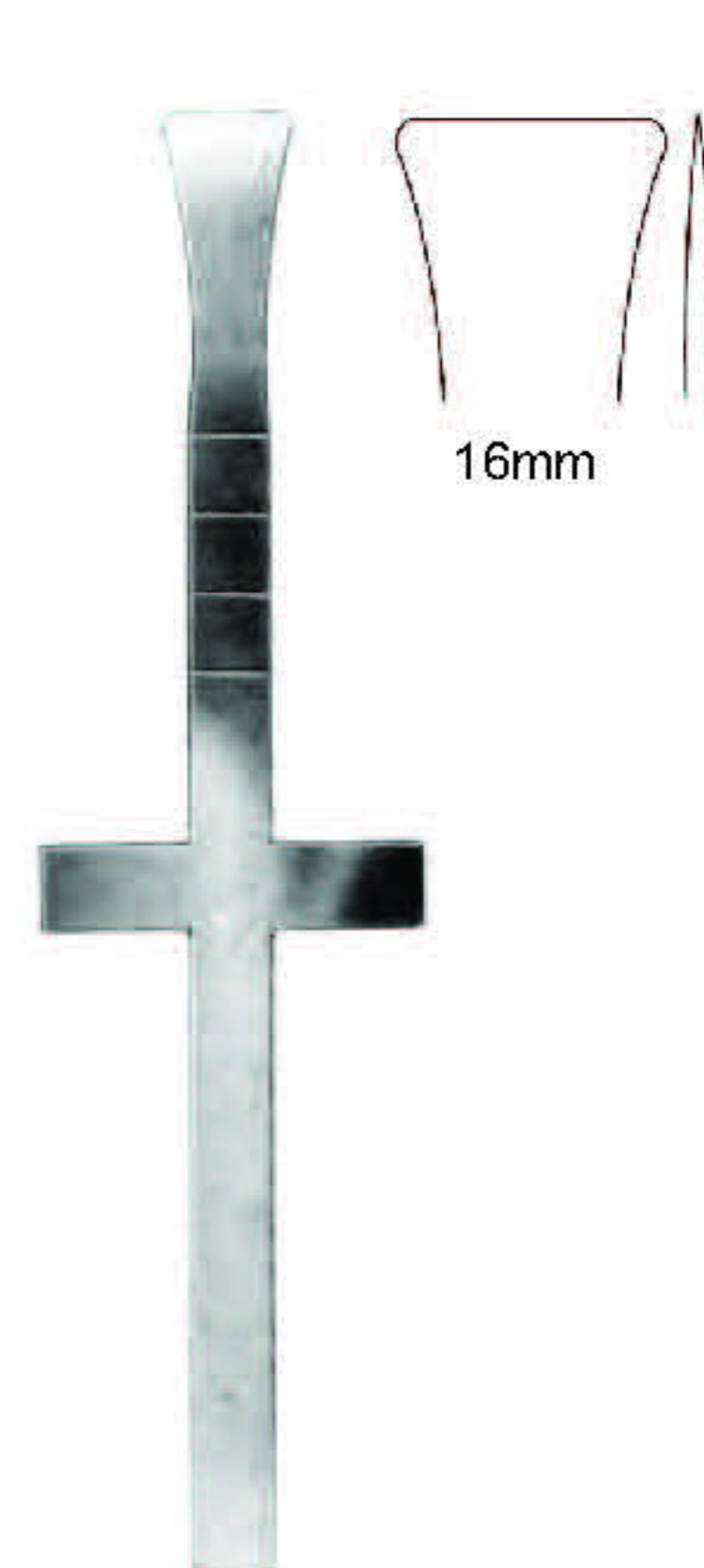
COTTLE
16-4642-18
18.0cm



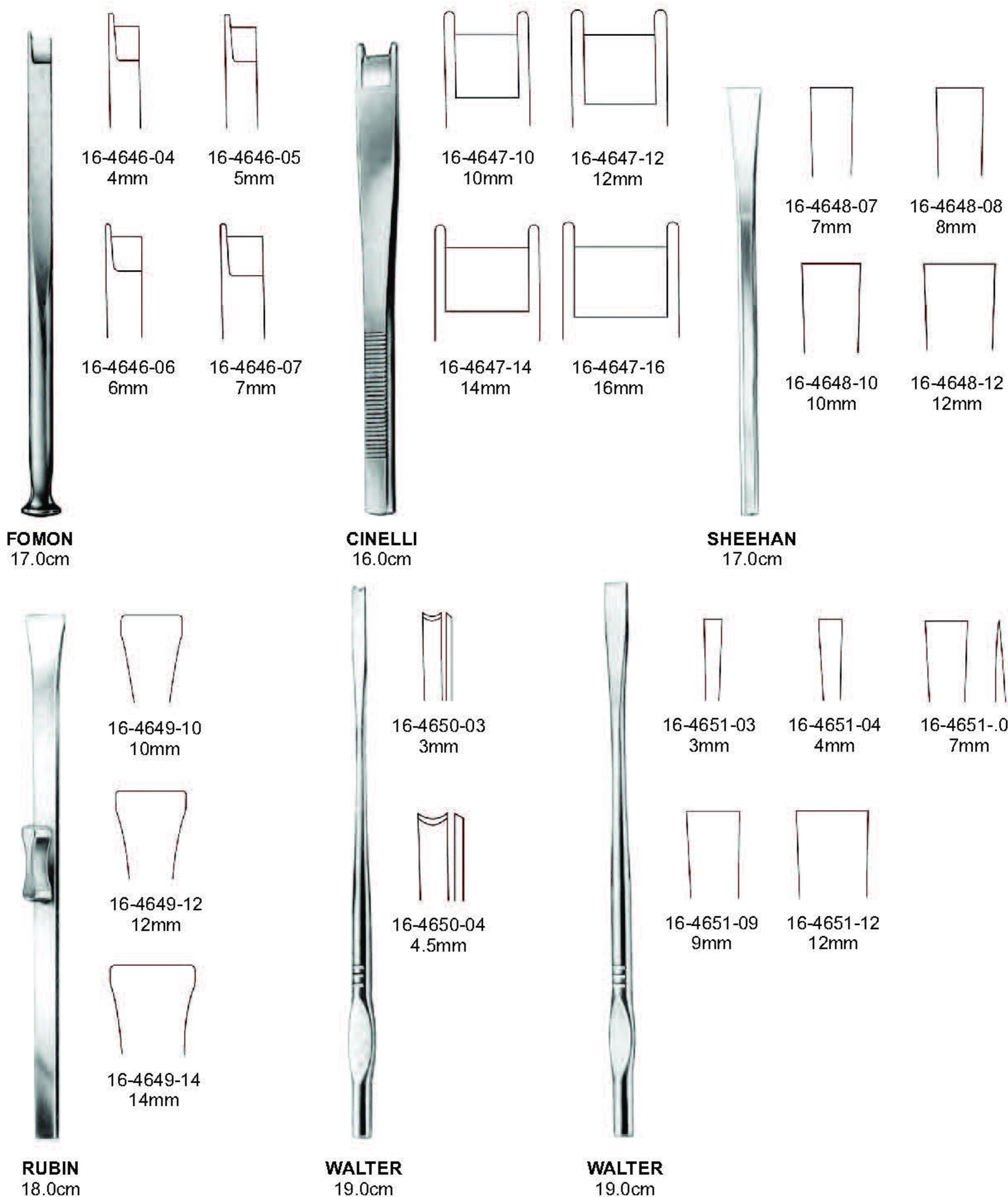
COTTLE
16-4643-18
18.0cm



COTTLE
18.0cm



COTTLE
16-4645-18
18.0cm



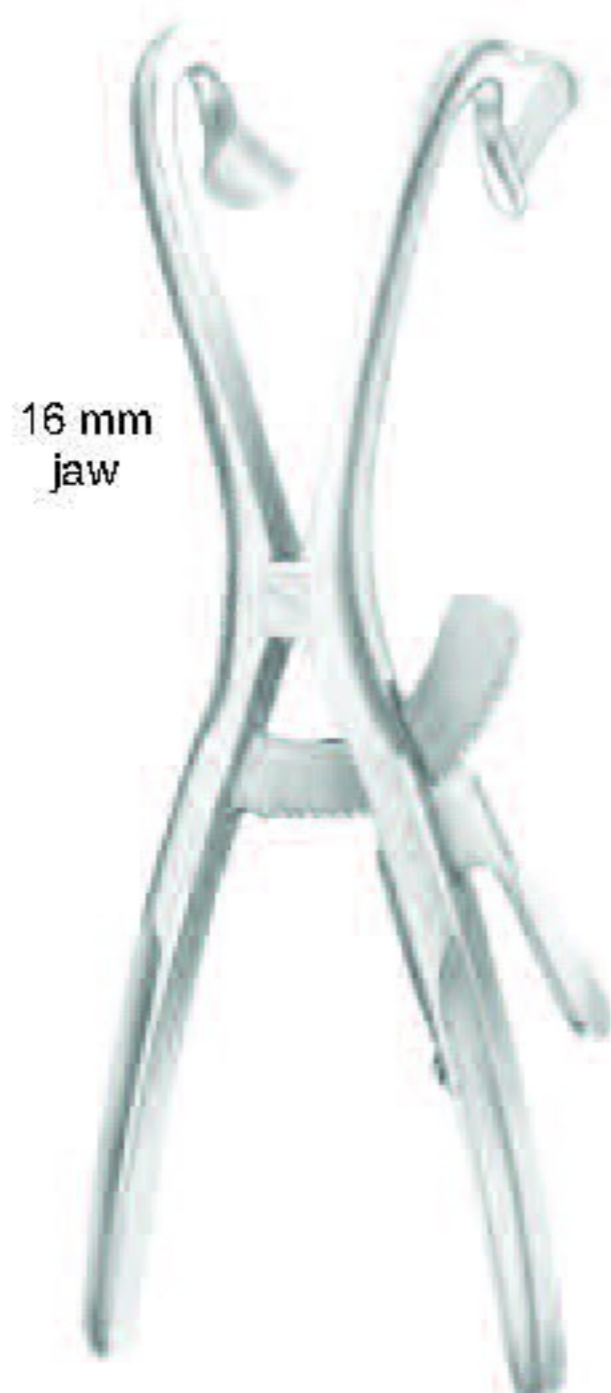
- EN** Oral Instruments
- DE** Mund instrumente
- ES** Cirugía oral
- FR** Instruments oraux
- IT** Strumenti orali

Page 224 to 237



EN	Mouth Gags
DE	Mundsperrer
ES	Abre-bocas
FR	Bouches de la bouche
IT	Bocca Gag

ORAL INSTRUMENTS



16 mm
jaw

DENHART
17-4701-12
12 cm/4 3/4"

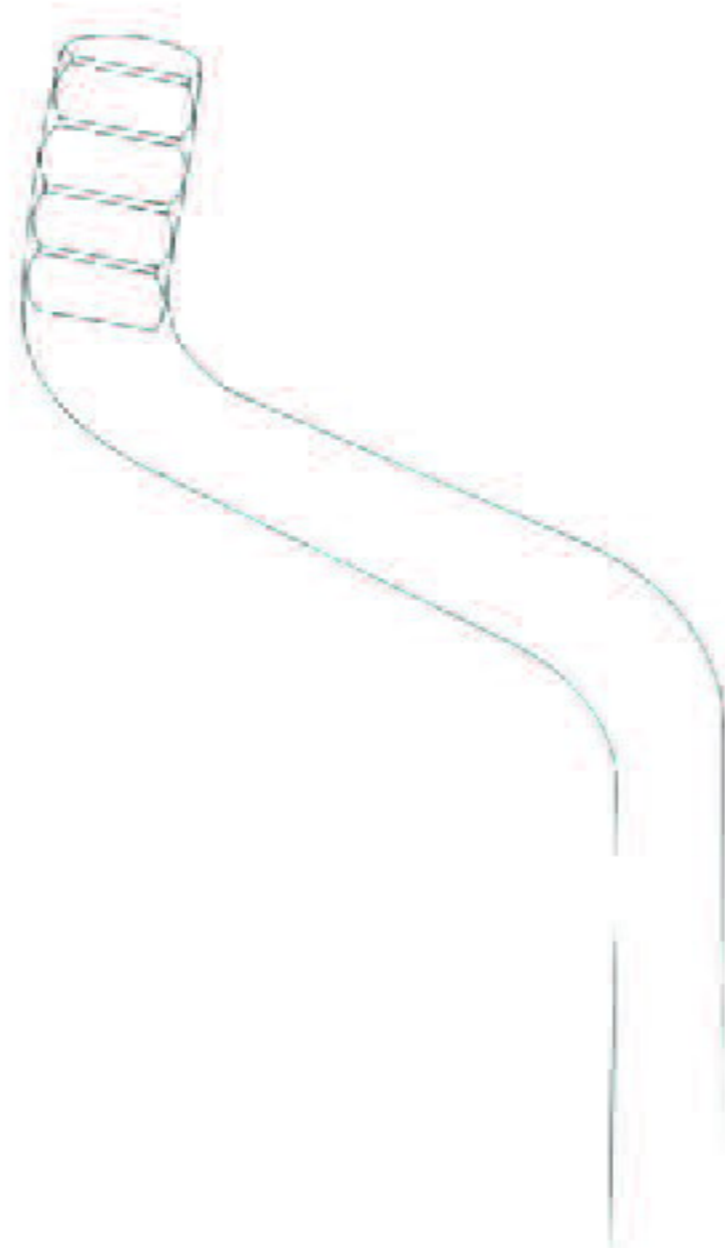


Silicon jaws
only (pair)
17-4703-12

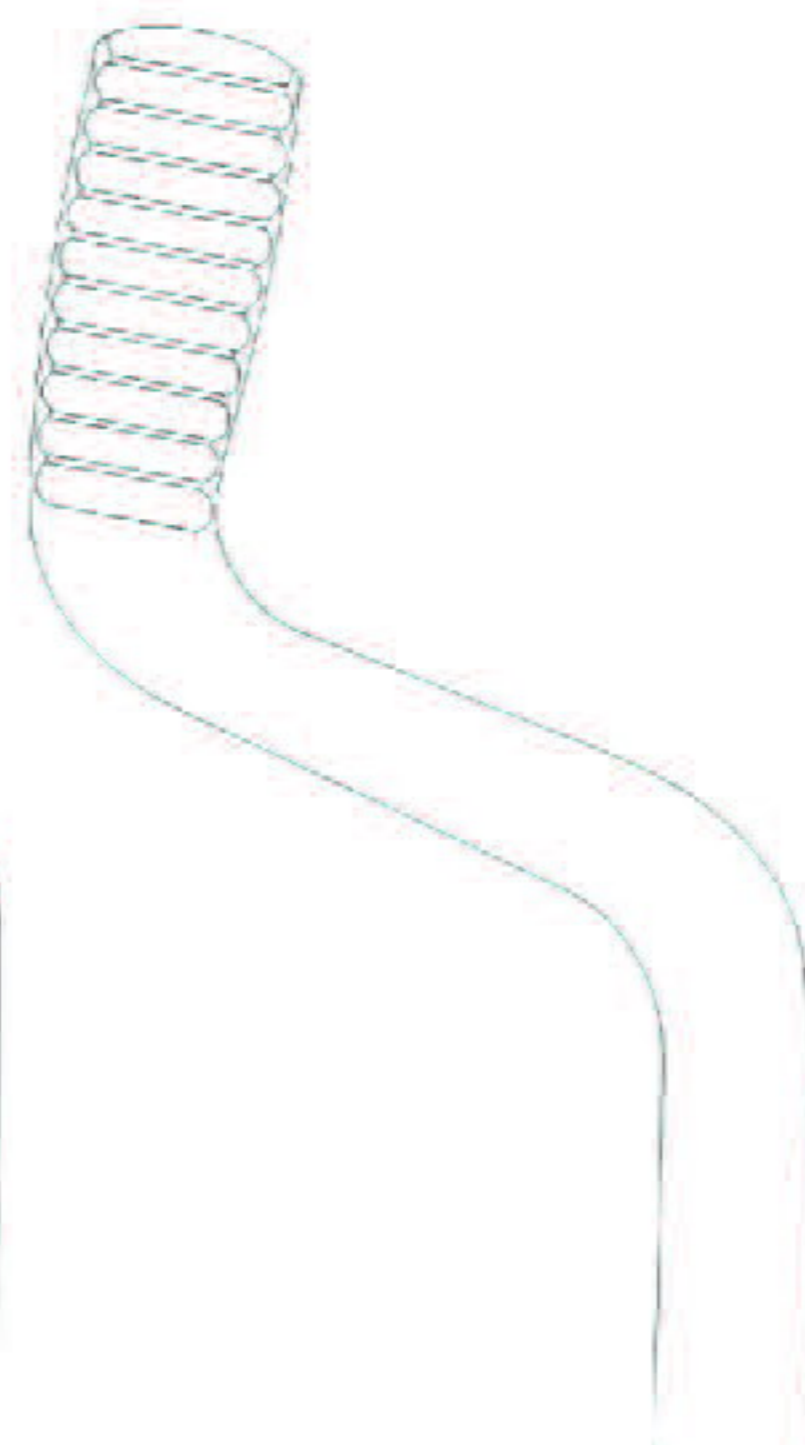
DENHART
17-4702-12
12 cm/4 3/4"



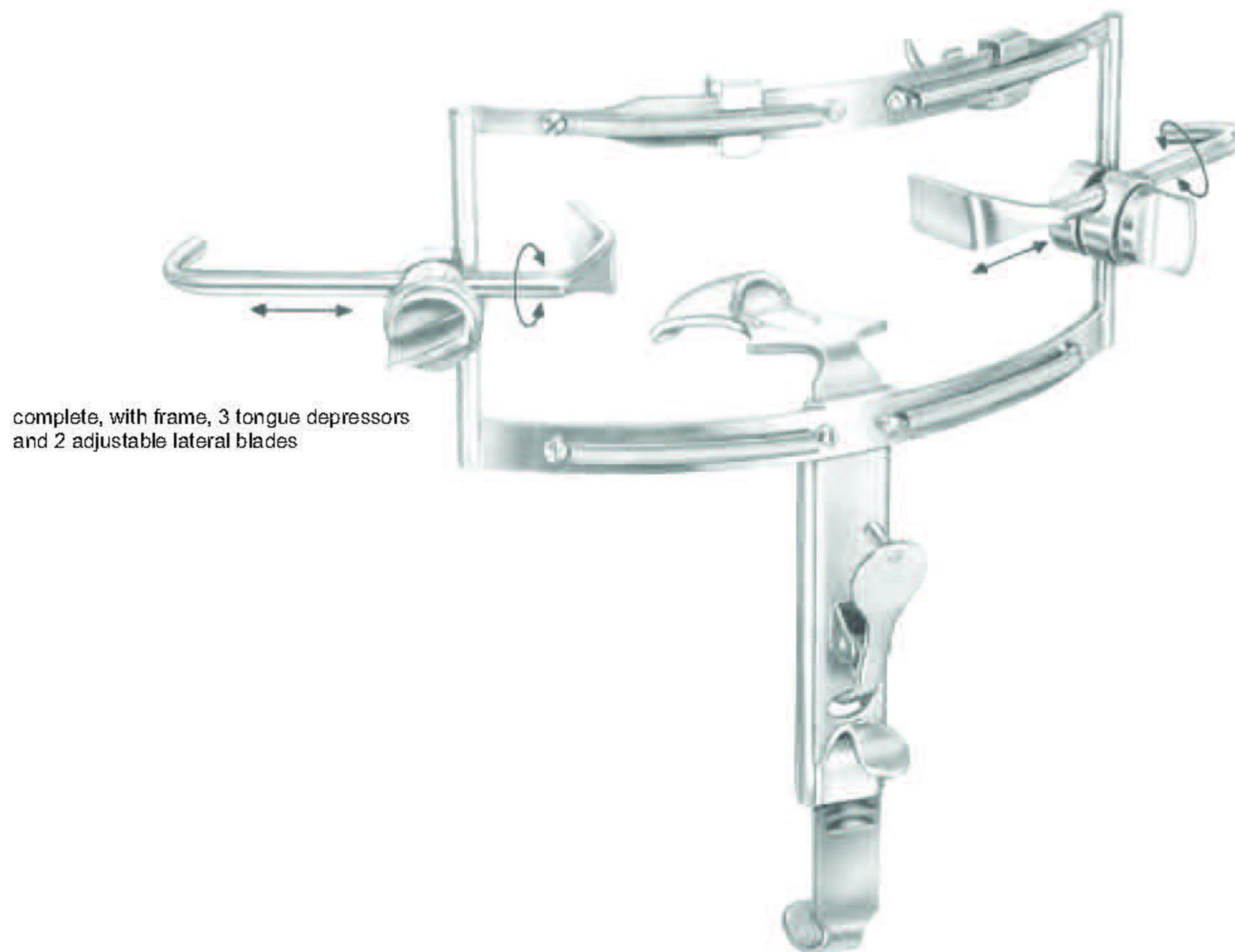
ROSER-KONIG



17-4704-16
16 cm/6 1/4"



17-4704-19
19 cm/7 1/2"



DINGMAN
 17-4705-00
 Complete set
 Fig. 1 - 3



17-4706-01
 62 mm x 26 mm



17-4707-02
 65 mm x 30 mm

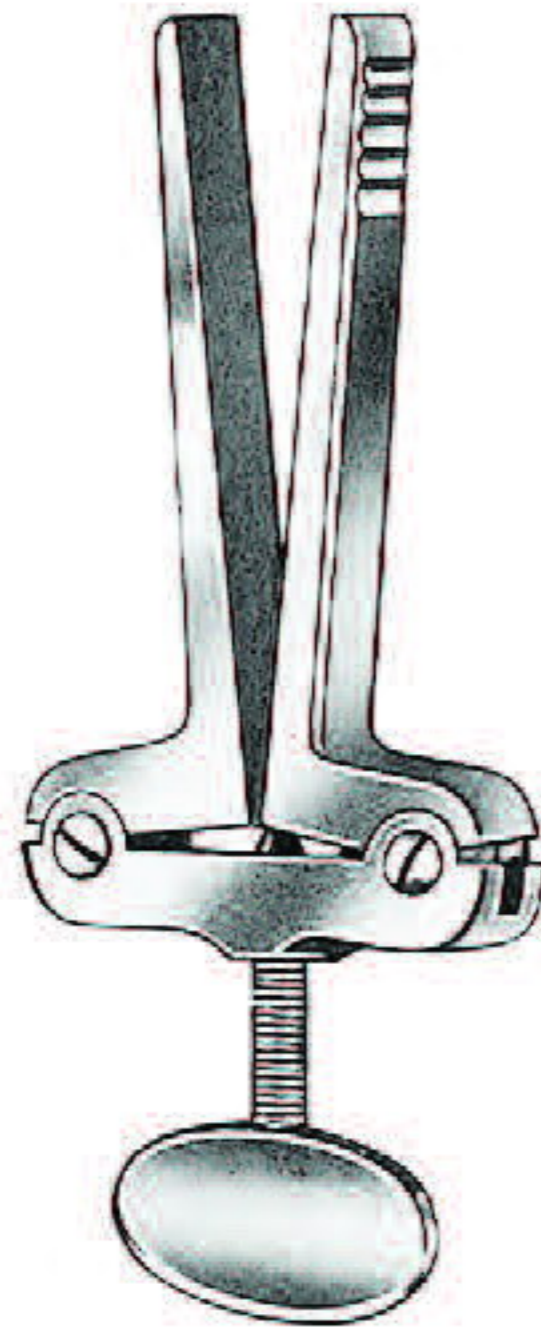


17-4708-03
 78 mm x 32 mm

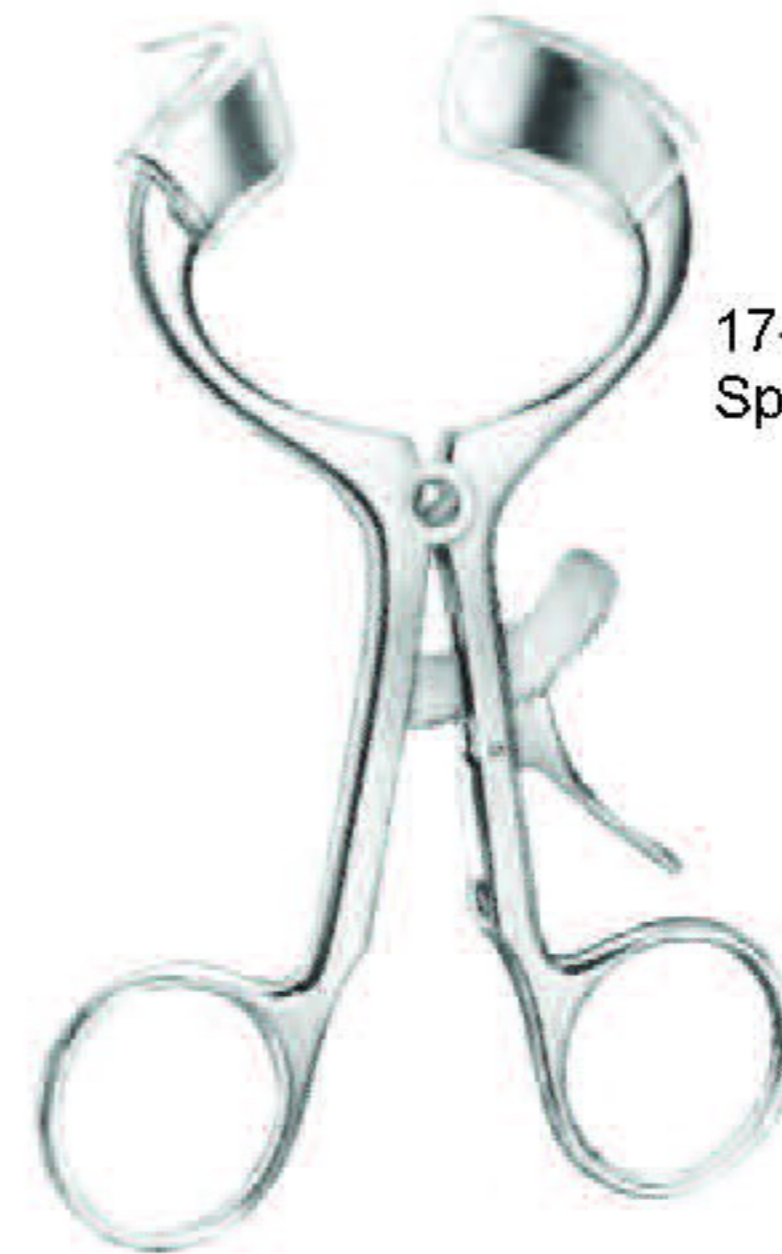
Tongue Depressors

EN	Mouth Gags
DE	Mundsperrer
ES	Abre-bocas
FR	Bouches de la bouche
IT	Bocca Gag

ORAL INSTRUMENTS



HEISTER
17-4709-13
13 cm/5 1/8"



17-4711-11
Spare rubber

MOLT
17-4710-11
11 cm/4 3/8"



17-4713-13
Spare Rubber

MOLT
17-4712-13
13 cm/5 1/8"



SPREADING
47 mm

OBWEGESER
17-4714-11
11 cm/4 3/8"



17-4718-00
 Frame for mouth gag

McLVOR
 17-4717-00
 Complete with 3
 tongue depressors

Tongue Depressors



Fig. 1
 17-4719-01
 100 x 25 mm



Fig. 2
 17-4720-02
 85 x 25 mm



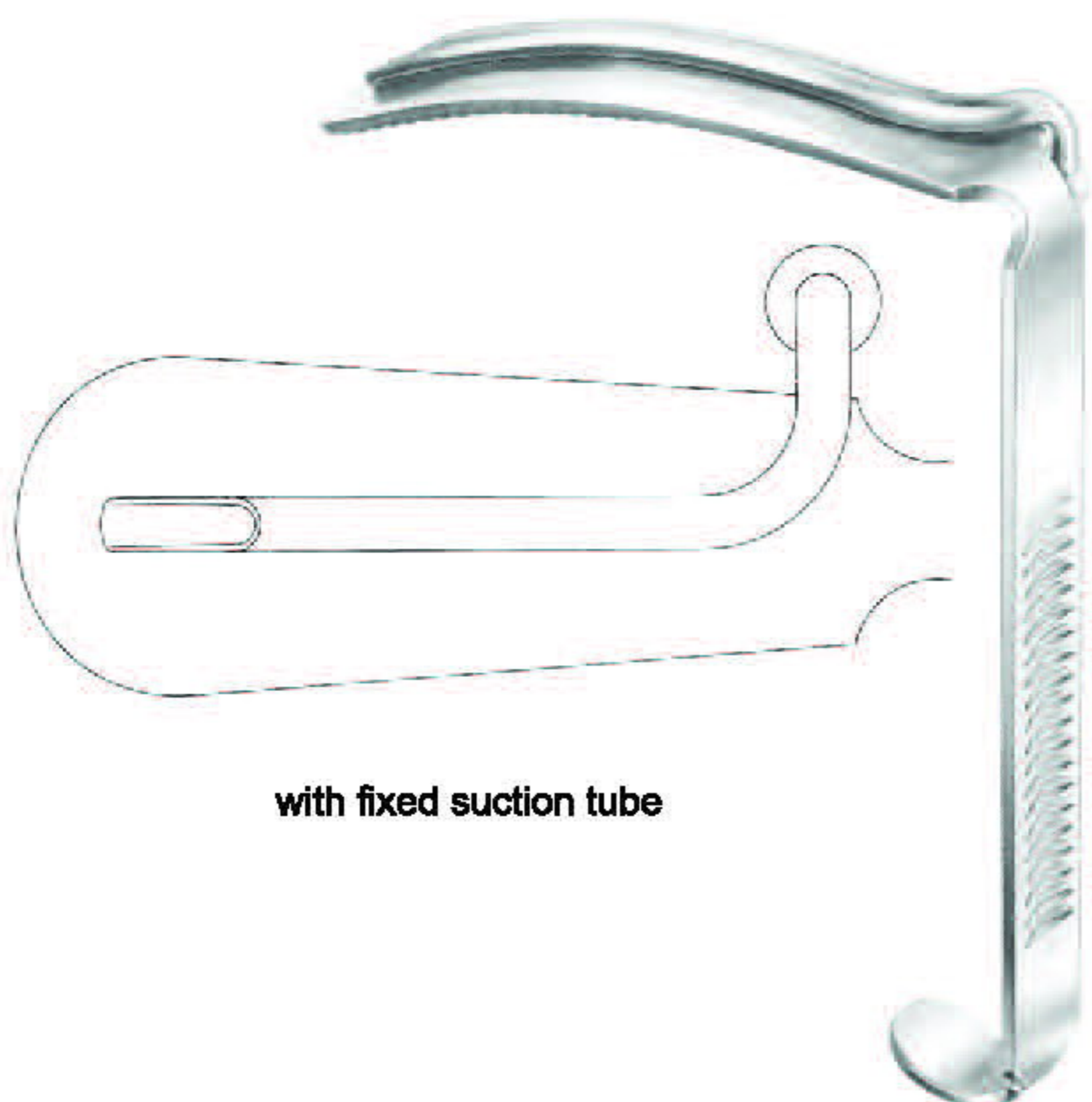
Fig. 3
 17-4721-03
 75 x 25 mm

EN	Mouth Gags
DE	Mundsperrer
ES	Abre-bocas
FR	Bouches de la bouche
IT	Bocca Gag

17-4723-00
Frame for mouth gag



DAVIS-BOYLE
17-4722-00
Complete, consisting of frame
and 5 tongue depressors no. 1 - 5



with fixed suction tube

Fig. 1
17-4724-01
110 x 28 mm



Fig. 2
17-4725-02
95 x 27 mm



Fig. 3
17-4726-03
80 x 27 mm

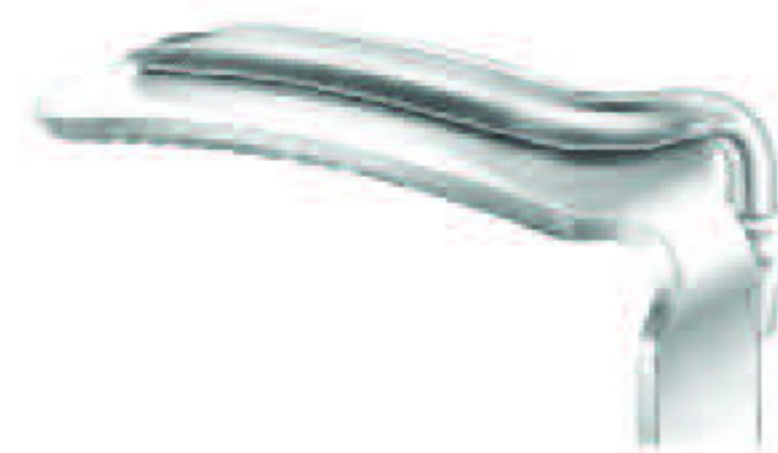
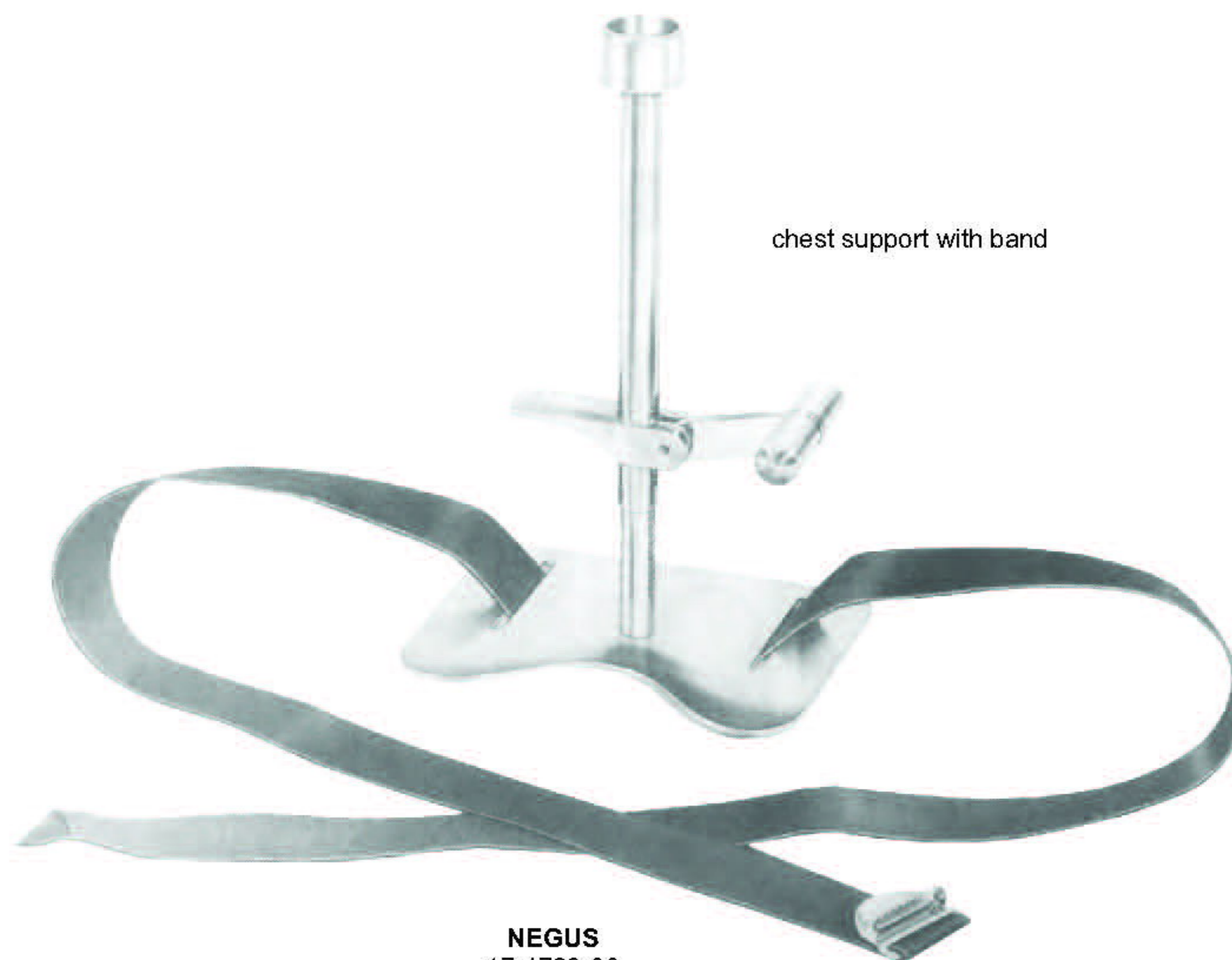


Fig. 4
17-4727-04
65 x 26 mm



Fig. 5
17-4728-05
30 x 20 mm



KILNER-DOUGHTY
17-4730-00



complete, consisting of frame and 3 tongue depressors
 no. 1 to 3, 2 tooth plates and 1 palate plate

EN	Mouth Gags
DE	Mundsperrer
ES	Abre-bocas
FR	Bouches de la bouche
IT	Bocca Gag

NEUKAM
17-4737-00
frame for mouth gag only



NEUKAM
17-4736-00
complete with frame and
3 tongue depressors

Tongue Depressor
fenestrated blade for suction

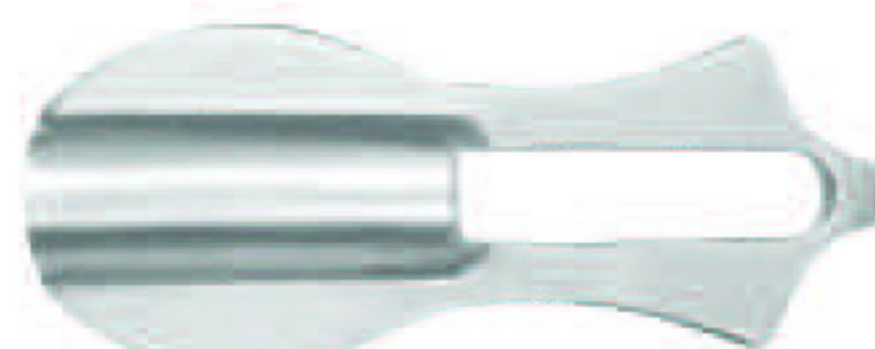


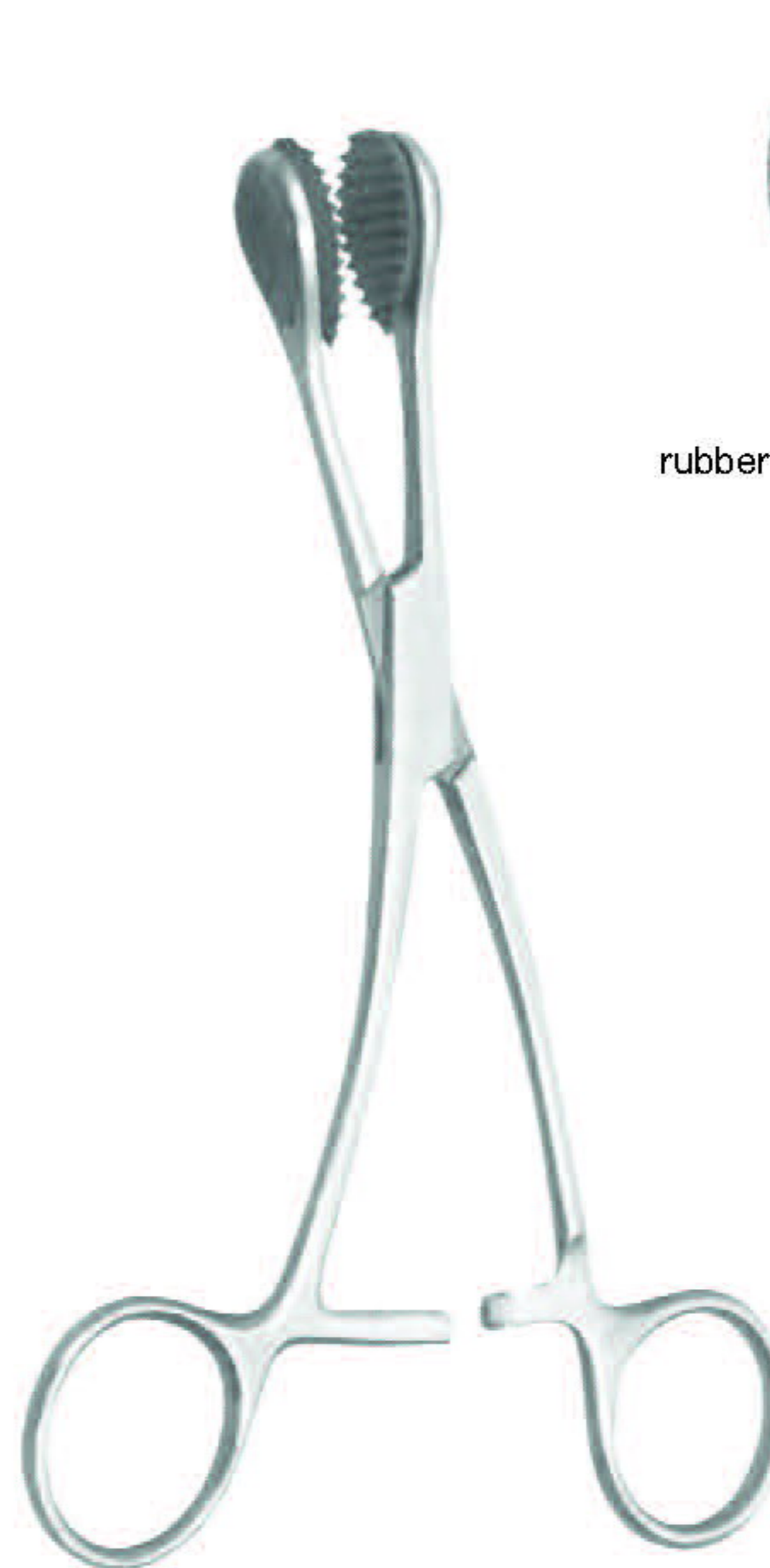
Fig. 1
17-4738-01

Fig. 2
17-4739-02

Fig. 3
17-4740-03



COLLIN
 17-4741-16 16 cm/6 1/4"
 17-4741-18 18 cm/7 1/8"



17-4743-16
 rubber inserts, only (pair)

YOUNG
 17-4742-16
 16 cm/6 1/4"

EN	Tongue Spatulas
DE	Zungenspatel
ES	Espátulas Linguales
FR	Spatules de langue
IT	Spatole di lingua

ORAL INSTRUMENTS



17-4744-15
15 cm/5 7/8"
wood
19 mm



17-4745-15
15 cm/5 7/8"
plastic



BRUNINGS
17-4746-19
19 cm/7 1/2"

16 mm



17-4747-14
14.5 cm/5 3/4"

19 mm

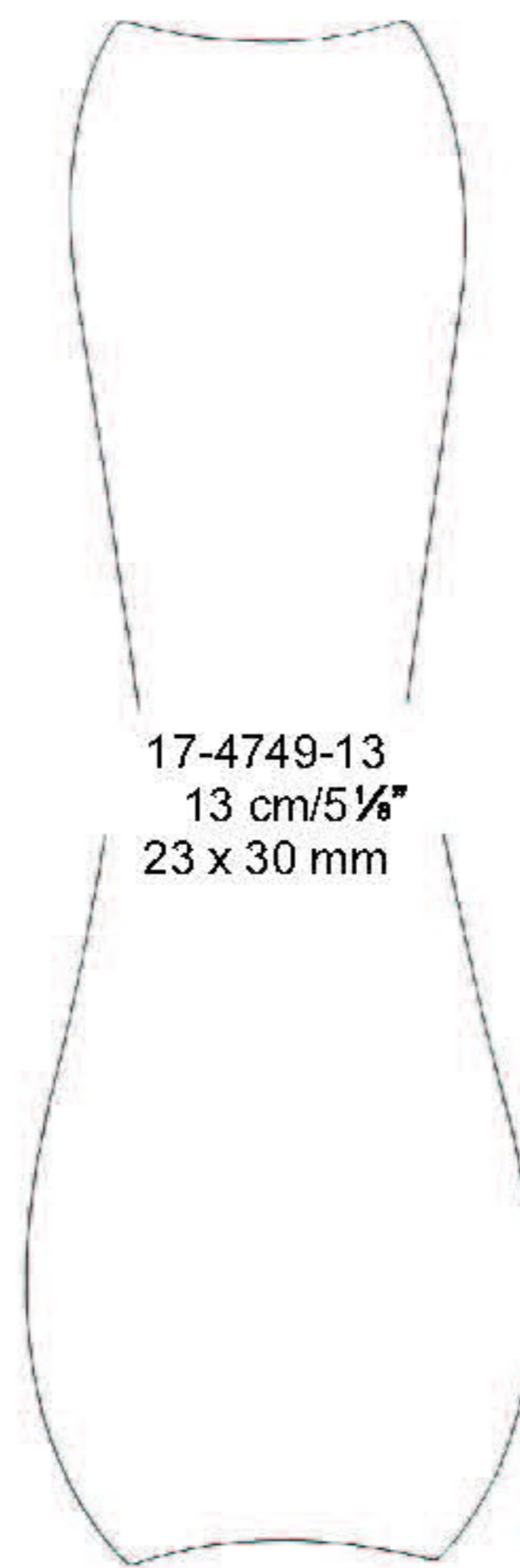


23 mm

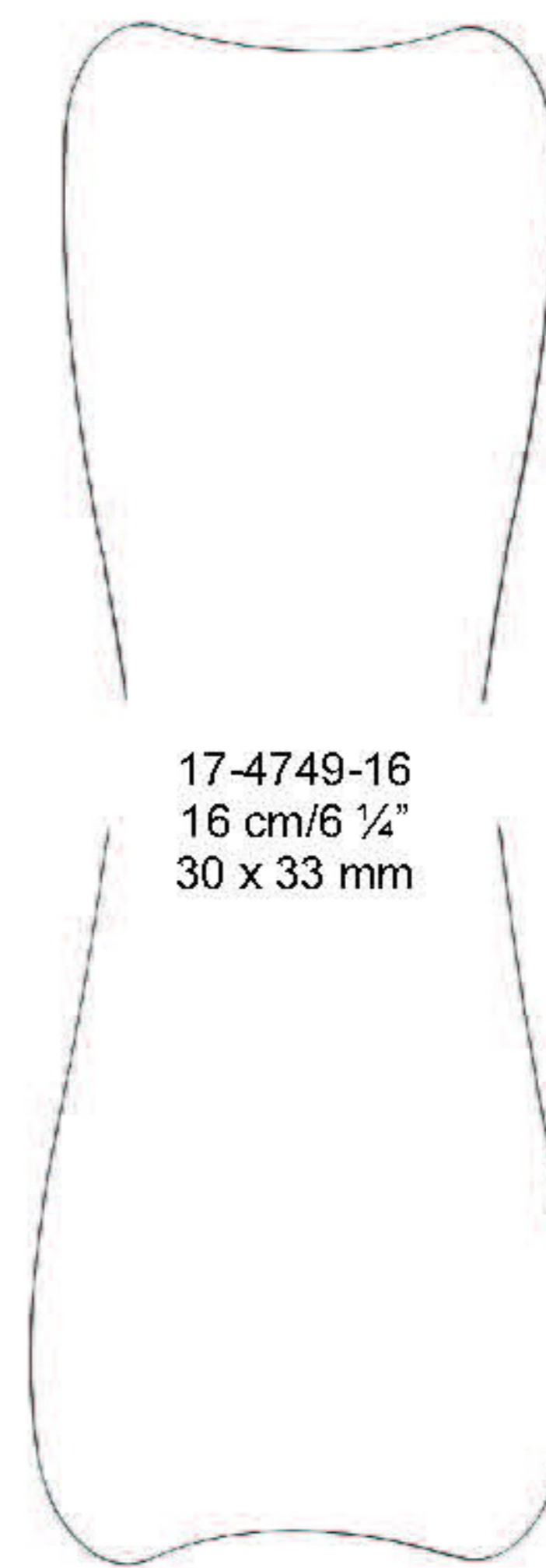
17-4748-14
14 cm/5 1/2"



DOYEN



17-4749-13
13 cm/5 1/8"
23 x 30 mm



17-4749-16
16 cm/6 1/4"
30 x 33 mm



80 x 25 mm

TOBOLD
 17-4750-15
 15 cm/5 7/8"



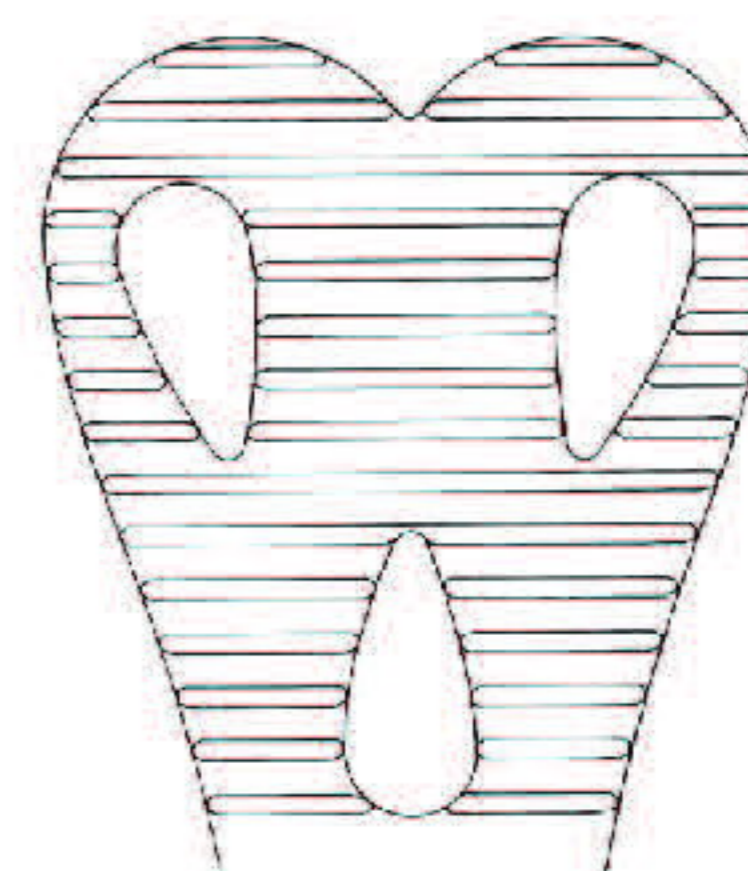
72 x 24 mm

HARTMANN
 17-4751-15
 15 cm/5 7/8"

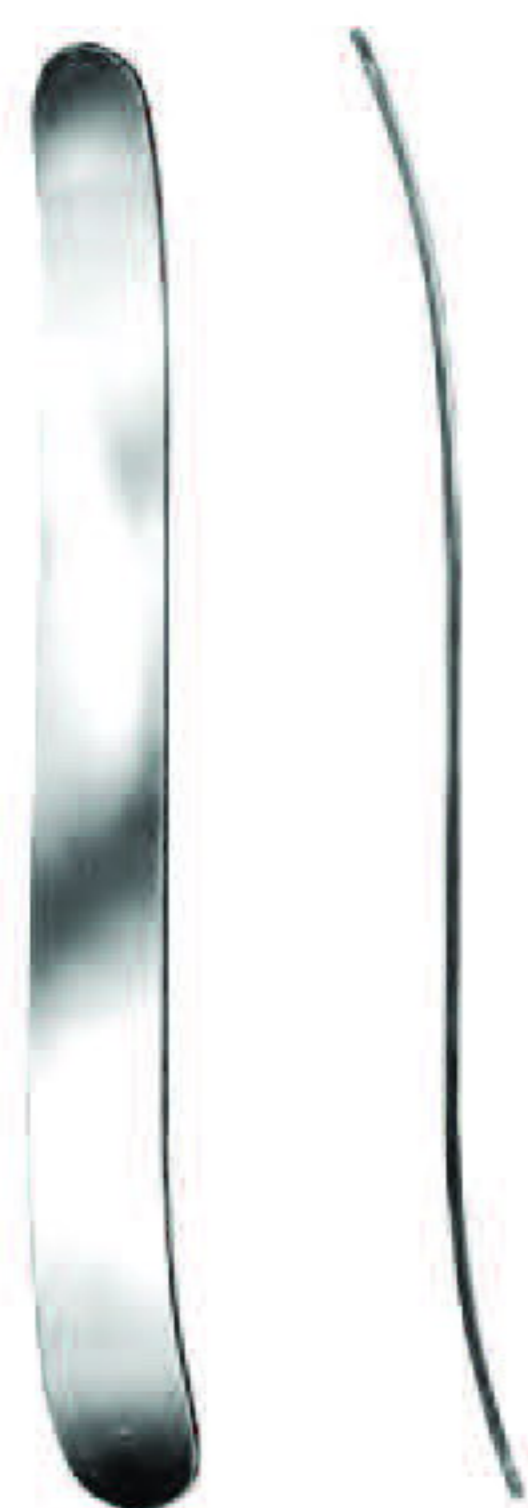


83 x 25 mm

TOBOLD
 17-4752-16
 16 cm/6 1/4"



17-4755-14
 14 cm/5 1/2"
 36 mm



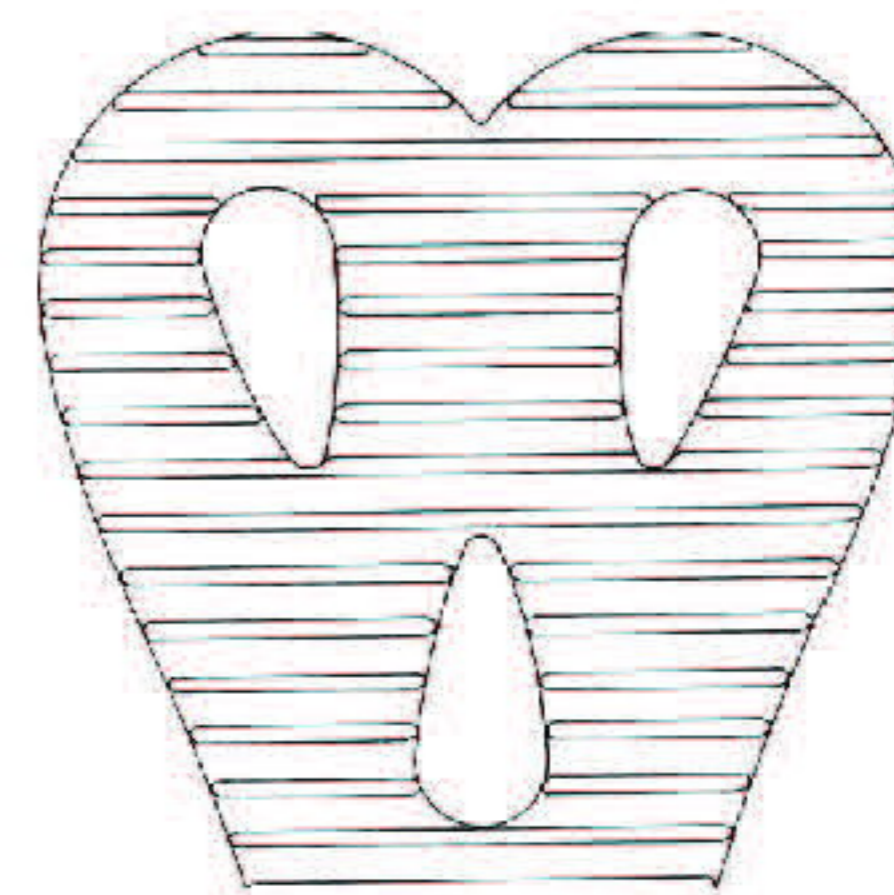
BUCHWALD
 17-4753-18
 18 cm/7 1/8"



ANDREW
 17-4754-11
 11 cm/4 3/8"



WIEDER



17-4755-15
 15 cm/5 7/8"
 43 mm

EN	Lip and Cheek Retractors
DE	Lippen- und wangenhalter
ES	Separadores para labios y mejillas
FR	Écarteurs pour les lèvres et les joues
IT	Retrattori labbra e guance

ORAL INSTRUMENTS



MARTIN-SIMPLEX
17-4756-10
10.5 cm/4 1/8"



17-4757-14
14 cm/5 1/2"
Vestibulum retractor



STERNBERG
17-4758-14
14 cm/5 1/2"

26 mm



OBWEGESER
17-4759-12
12 cm/4 3/4"

37 mm



BISHOP
17-4760-13
13.5 cm/5 3/8"



CAWOOD-MINNESOTA
17-4761-15
15.5 cm/6 1/8"



CAWOOD-MINNESOTA
17-4762-14
14.5 cm/5 3/4"





OBWEGESER
 17-4763-22
 22 cm/8 ¾"



OBWEGESER
 17-4764-16
 16.5 cm/6 ½"



OBWEGESER

17-4765-16
 16 cm/6 ¼"
 8 mm

17-4766-16
 16 cm/6 ¼"
 10 mm

EN	Soft Tissue Retractors
DE	Weichteilhaken
ES	Separadores para partes blandas
FR	Écarteurs de tissus mous
IT	Divaricatori di tessuti molli

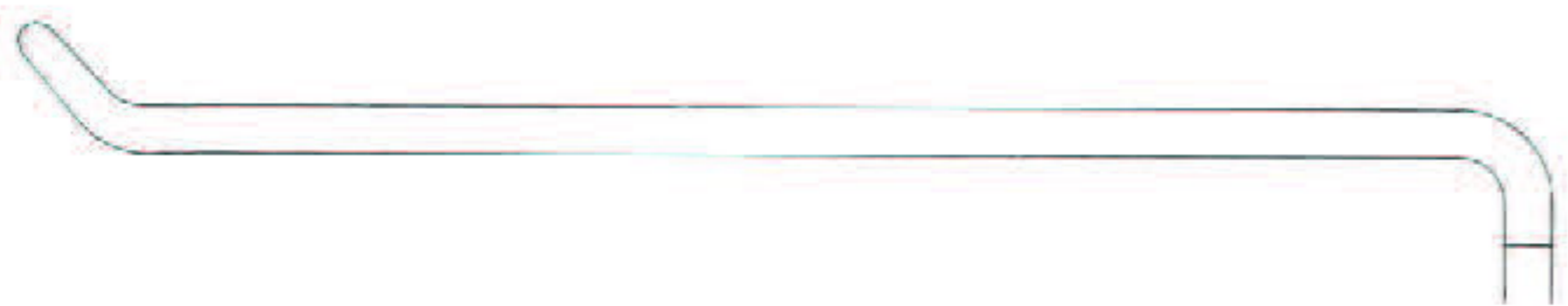
ORAL INSTRUMENTS



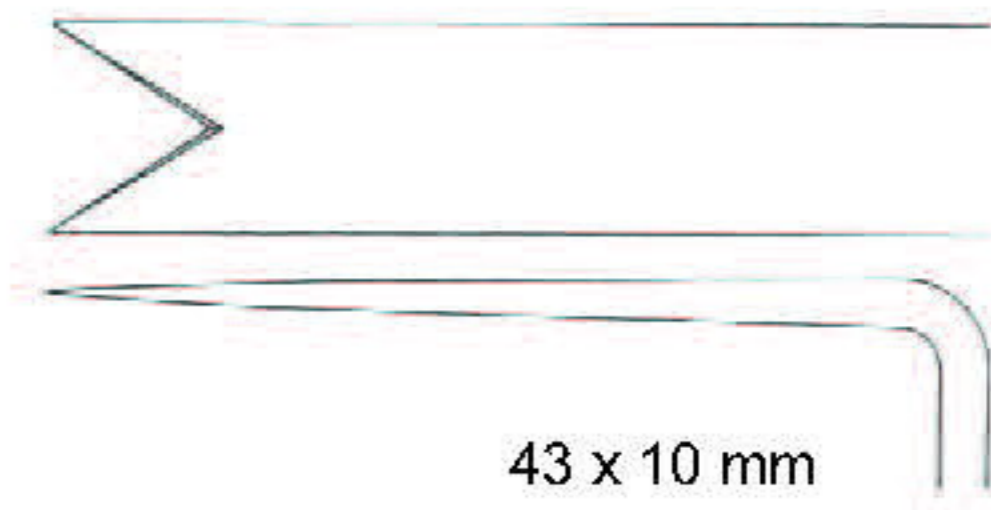
17-4767-22
22.5 cm/8 3/4"
43 x 11 mm



17-4767-23
23 cm/9"
57 x 11 mm



17-4768-23
23 cm/9"
80 x 16 mm



43 x 10 mm



OBWEGESER



OBWEGESER
17-4769-22
22 cm/8 3/4"
Nasal Spine Retractor



OBWEGESER
 17.5 cm/6 7/8"



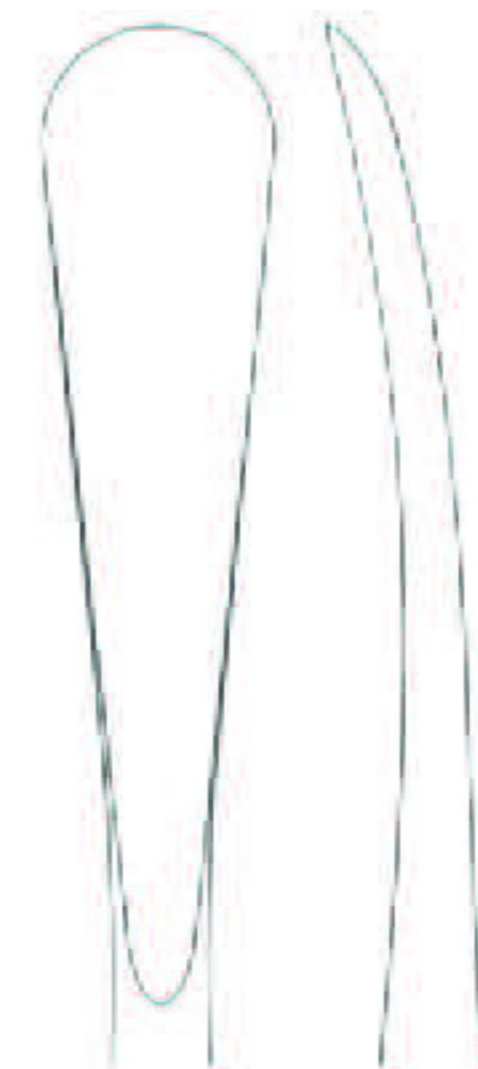
17-4776-17
 6 mm



17-4777-17
 7 mm



17-4778-17
 9 mm



17-4779-17



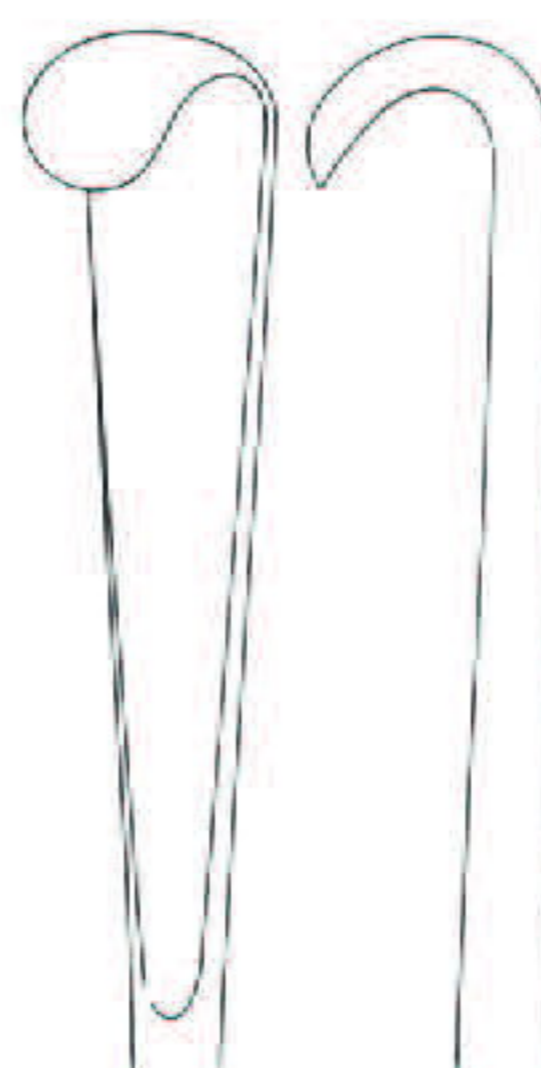
OBWEGESER
 20 cm/7 7/8"



17-4780-20
 5 mm



17-4781-20
 7 mm



17-4782-20
 9 mm

- EN** Stomach, Intestine, Rectum
- DE** Magen, Darm, Mastdarm
- ES** Estómago, Intestinos, Recto
- FR** Estomac, Intestin, Rectum
- IT** Stomaco, intestino, retto

Page 238 to 251



EN Tissue Seizing, Intestinal Atrauma Tissue Forceps
 DE Tissue Beschlagnahme, Darm Atrauma Tissue Zange
 ES Aprovechando el tejido intestinal y pinzas de tejido Atrauma
 FR Saisie de tissu, pincers à tissus intestinales Atrauma
 IT Cattura del tessuto, pinza del tessuto intestinale Atrauma

Atrauma



		Allis	
		4 : 5	5 : 6
cm	in		
15	6"	18-4801-15	18-4802-15
19	7½"	18-4801-19	18-4802-19
23	9"	18-4801-23	18-4802-23
25	10"	18-4801-25	18-4802-25



		Baby-Allis	
		18-4803-12	12 cm/4¾"
		18-4803-14	14 cm/5½"



		Allis-Atrauma	
		18-4804-16	16 cm/6¼"
		18-4804-20	20 cm/8"
		18-4804-25	25 cm/10"
		18-4804-30	30 cm/12"



Allis-Adair
 18-4805-15
 15 cm/6"



Boys-Allis
 18-4806-15
 15 cm/6"



Lockwood-Allis
 18-4807-16 16 cm/6¼"
 18-4807-20 20 cm/8"



Thoms-Allis
 18-4808-20
 20 cm/8"



Judd-Allis
18-4809-15 15 cm/6"
18-4809-19 19 cm/7 1/2"



Littlewood
18-4810-18
18.5 cm/7 1/4"



Williams
18-4811-16
16 cm/6 1/4"



Lockwood
18-4812-20
20 cm/8"

Atrauma



cm/in	Babcock-Atrauma
16 cm/6 1/4"	18-4813-16
18 cm/7"	
20 cm/8"	18-4813-20
24 cm/9 1/2"	



	Babcock(Standard)
	18-4814-16
	18-4814-18
	18-4814-20
	18-4814-24



	Baby-Babcock
	18-4815-16

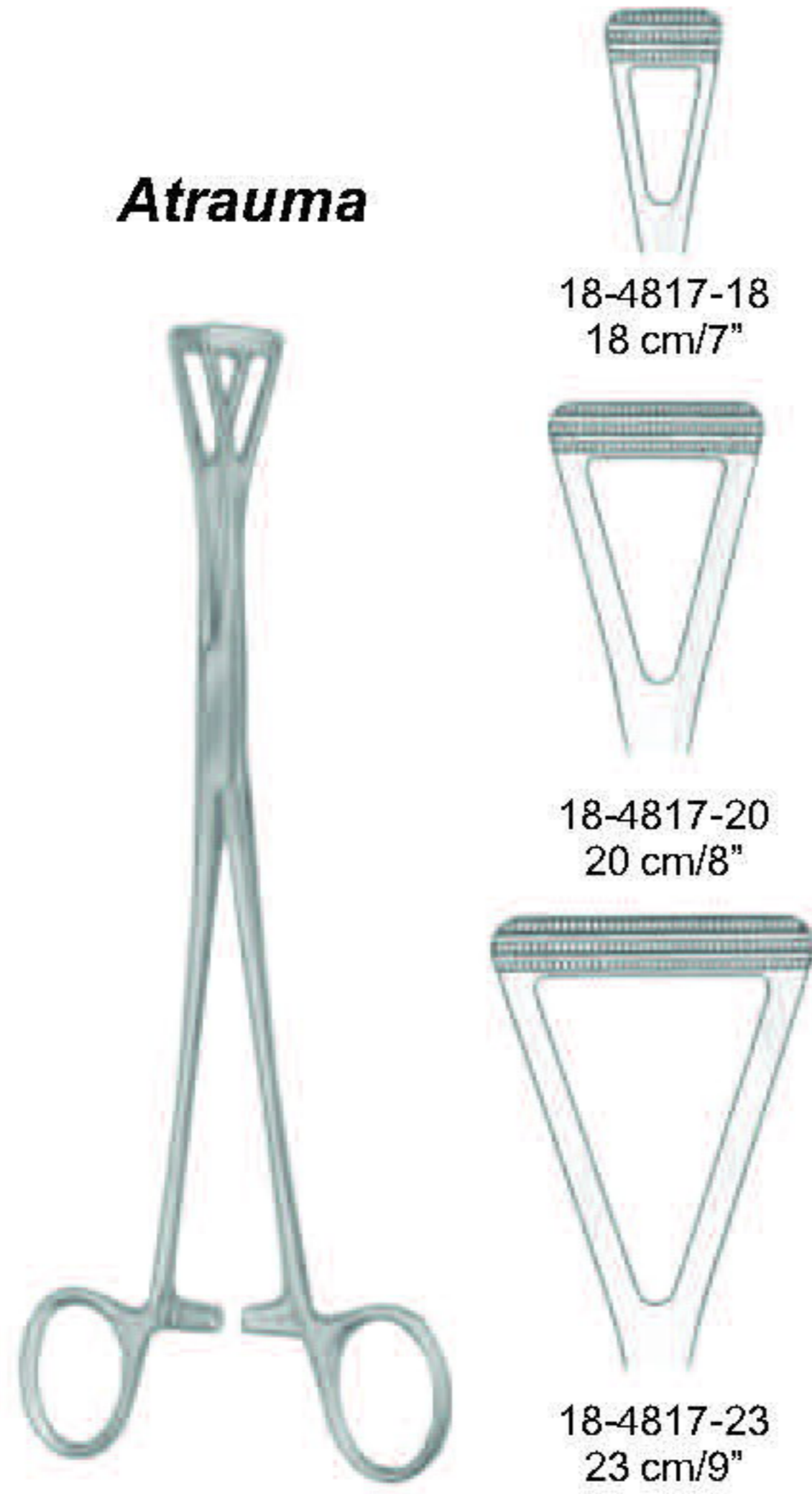


	Babcock
	18-4816-16
	18-4816-18
	18-4816-20
	18-4816-24

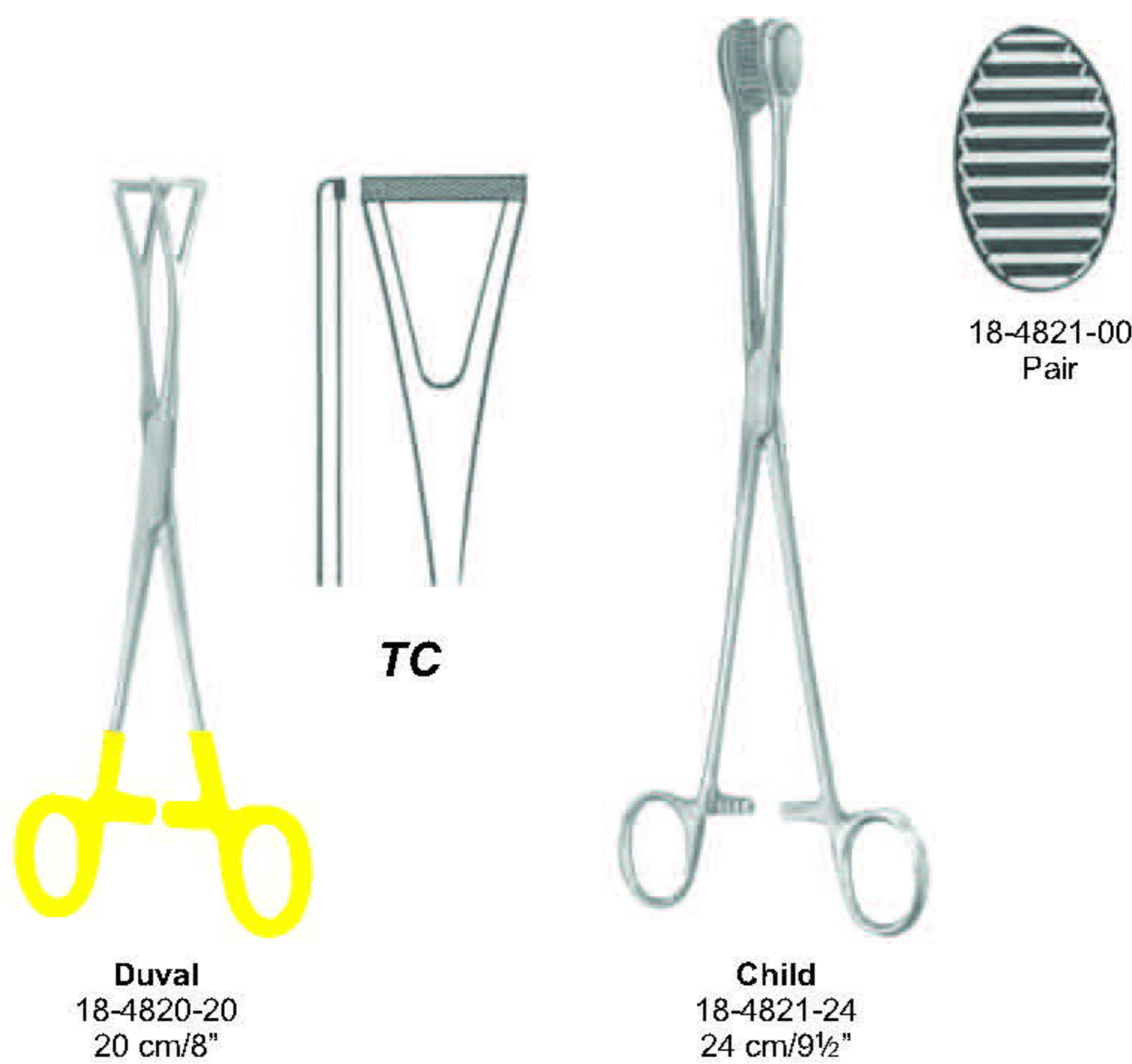
EN Intestinal Tissue and Organ Grasping Forceps
 DE Gewebe- und organ-Faßzangen
 ES Pinzas para tejidos y órganos
 FR Pince à saisir les tissus intestinaux et les organes
 IT Forcipe per afferrare il tessuto intestinale e l'organo

STOMACH, INTESTINE & RECTUM

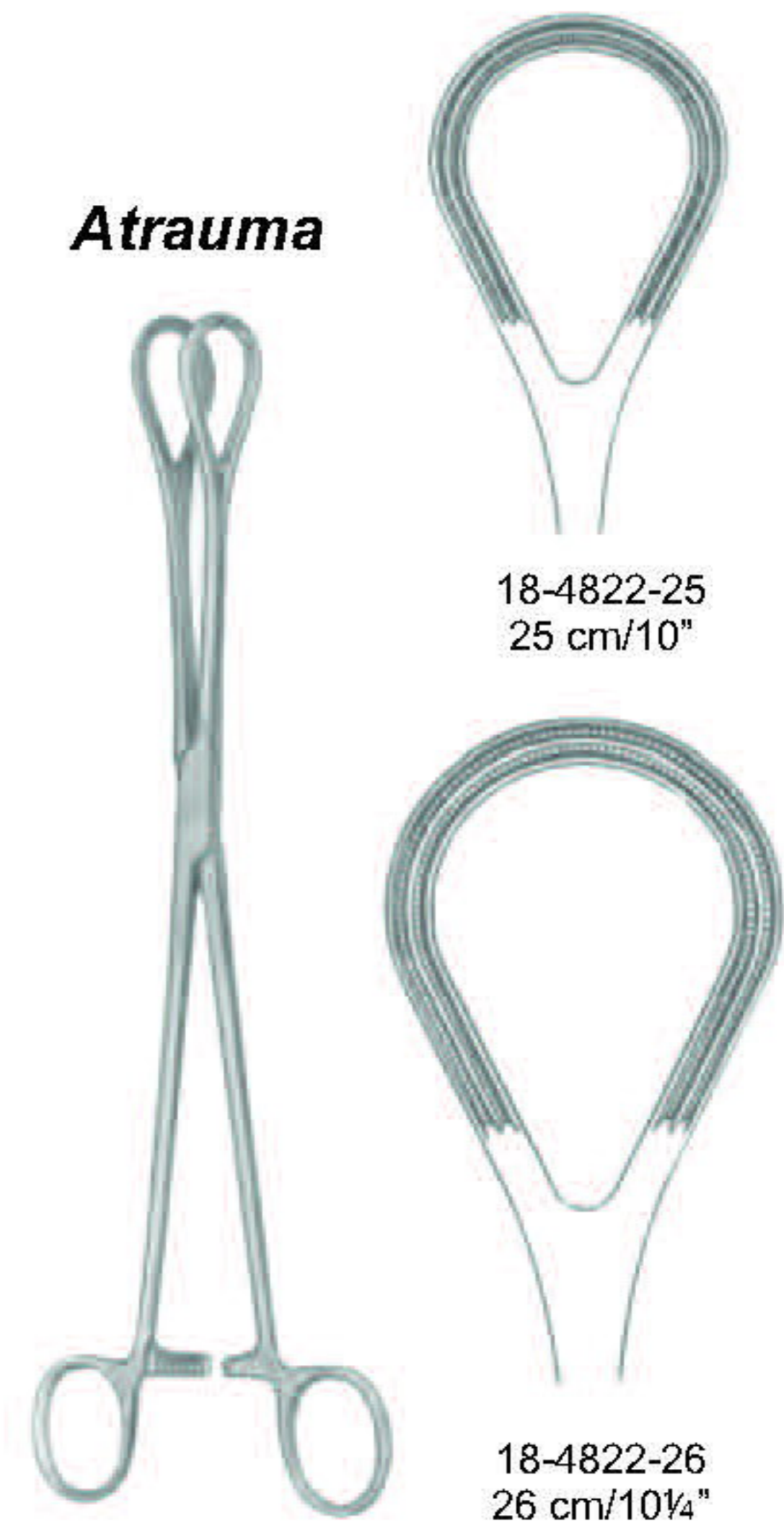
Atrauma



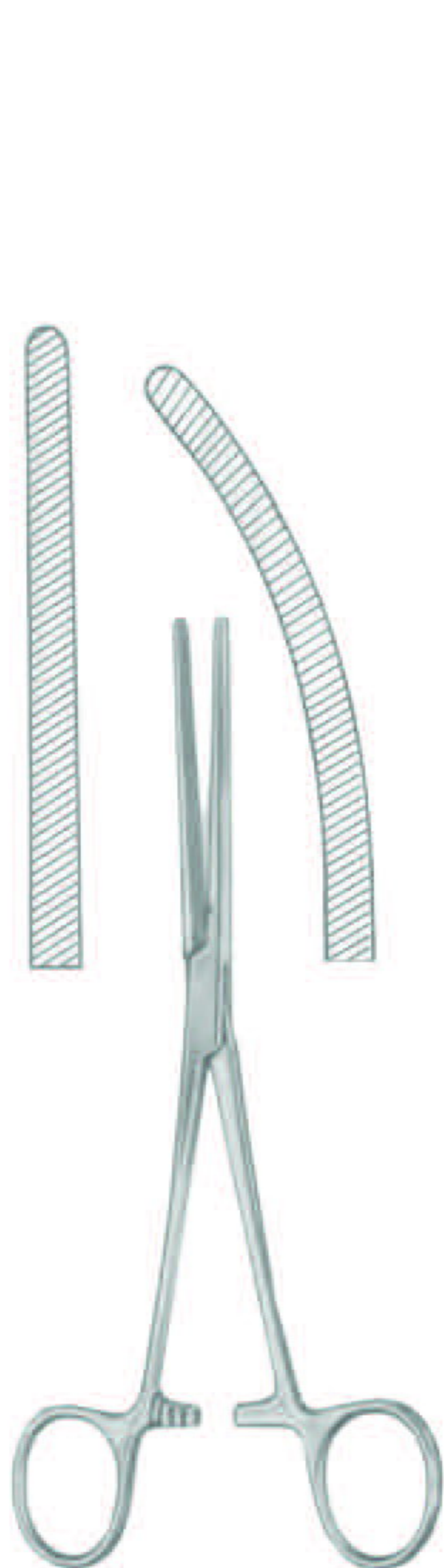
Duval		
cm	in	
18-4818-18	18 7"	18-4819-18
18-4818-20	20 8"	18-4819-20
18-4818-23	23 9"	18-4819-23



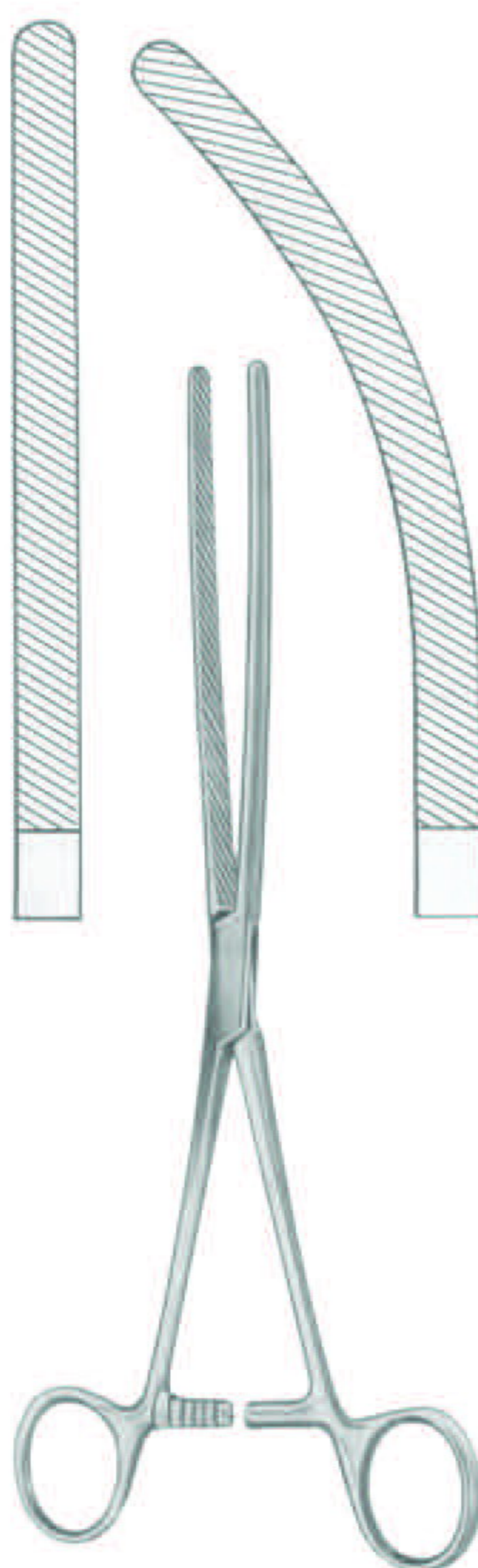
Atrauma



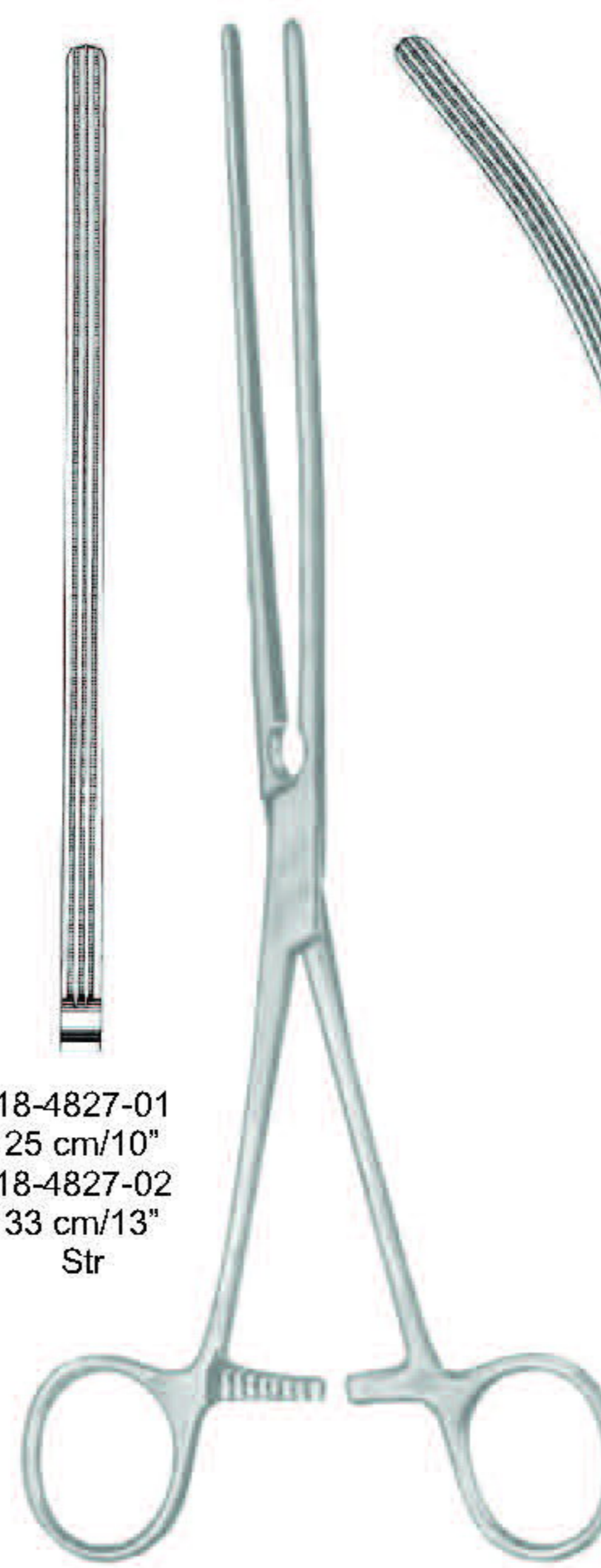
Intestinal Clamps Forceps	EN
Darmklemmen	DE
Pinzas-clamps intestinales	ES
Pinces pour clamps intestinaux	FR
Pinze per morsetto intestinale	IT



Baby-Doyen
Straight 18-4823-18 18 cm/7"
Curved 18-4824-18 18 cm/7"



Doyen
Straight 18-4825-21 21 cm/8 1/4"
18-4825-23 23 cm/9"
Curved 18-4826-21 21 cm/8 1/4"
18-4826-23 23 cm/9"



18-4827-01 25 cm/10"
18-4827-02 33 cm/13"
Str

18-4827-03 25 cm/10"
18-4827-04 33 cm/13"
Cvd

Scudder

EN	Atrauma Intestinal Clamps Forceps
DE	Atrauma Darmklemmen
ES	Atrauma pinzas-clamps intestinales
FR	Atrauma Intestinal Clamps Forceps
IT	Pinze per pinze intestinali Atrauma

Atrauma



Doyen-Atrauma

Straight



18-4828-13
13 cm/5"



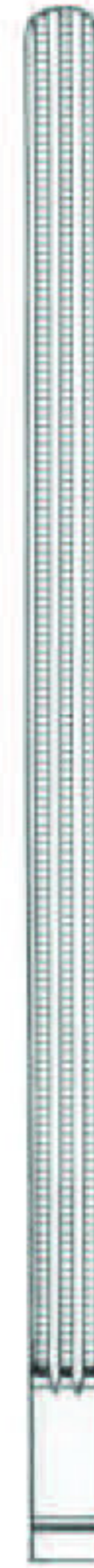
18-4828-16
16 cm/6¼"



18-4828-18
18 cm/7"



18-4828-21
21 cm/8¼"



18-4828-23
23 cm/9"

Curved



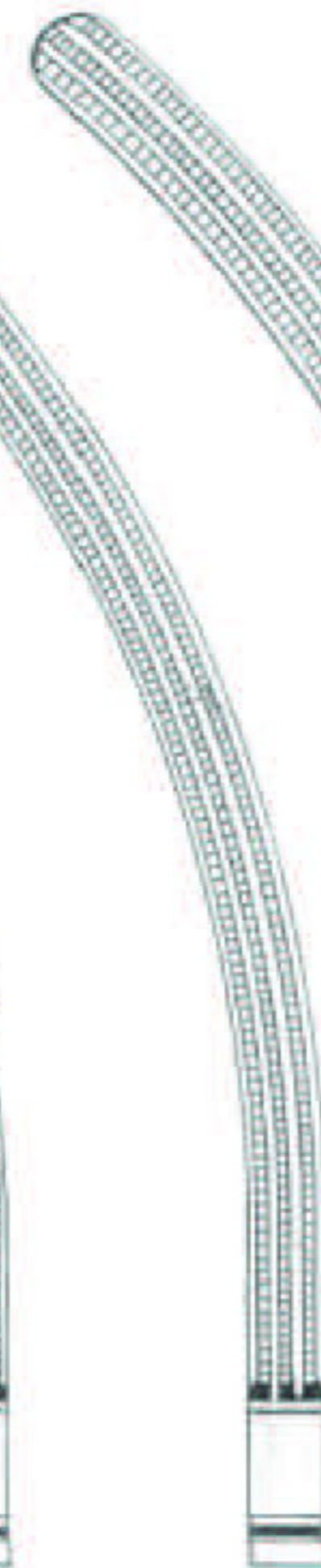
18-4829-13
13 cm/5"



18-4829-16
16 cm/6¼"



18-4829-18
18 cm/7"



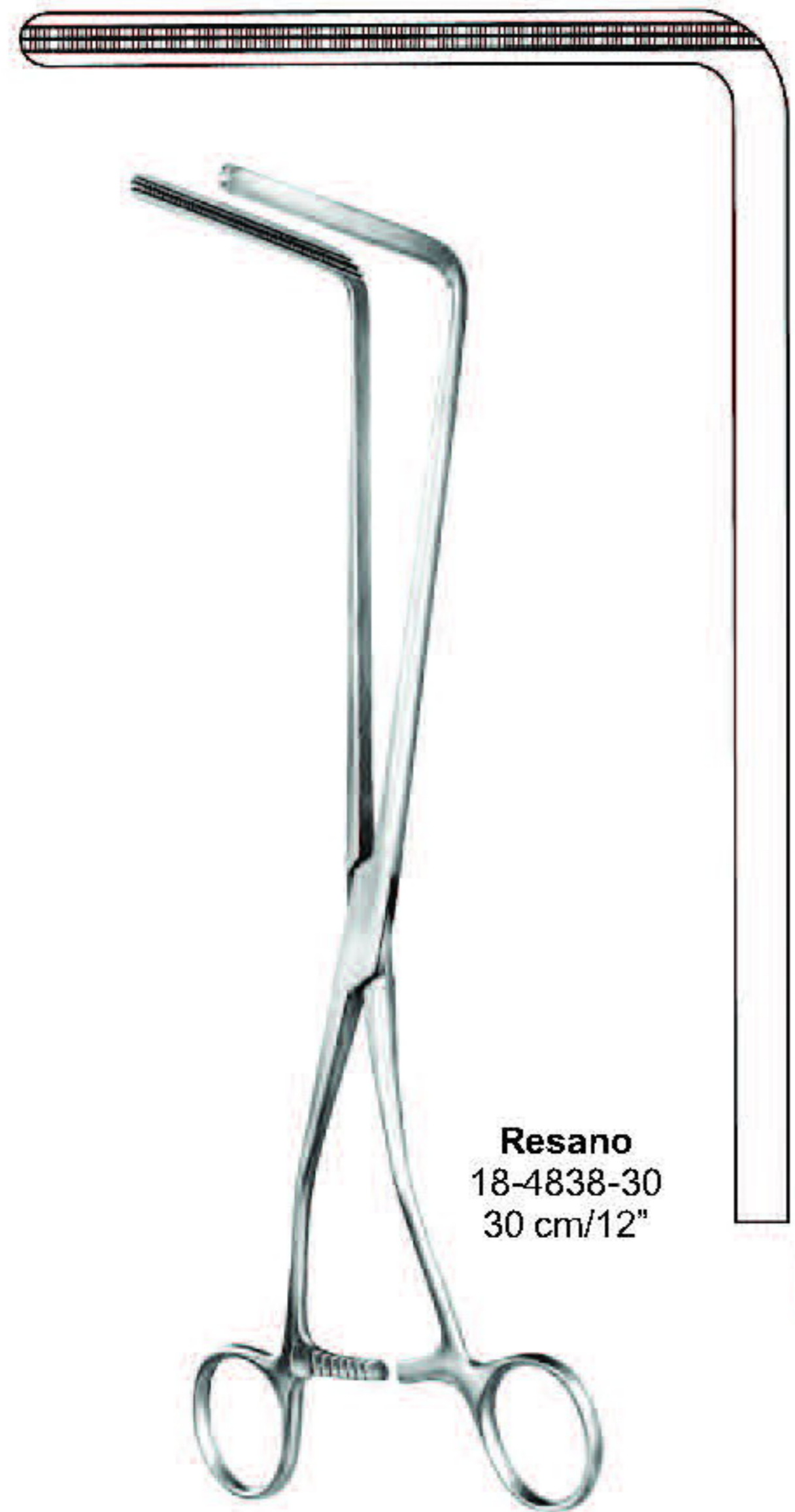
18-4829-21
21 cm/8¼"



18-4829-23
23 cm/9"

Atrauma Intestinal Clamps Forceps	EN
Atrauma Darmklemmen	DE
Atrauma pinzas-clamps intestinales	ES
Atrauma Intestinal Clamps Forceps	FR
Pinze per pinze intestinali Atrauma	IT

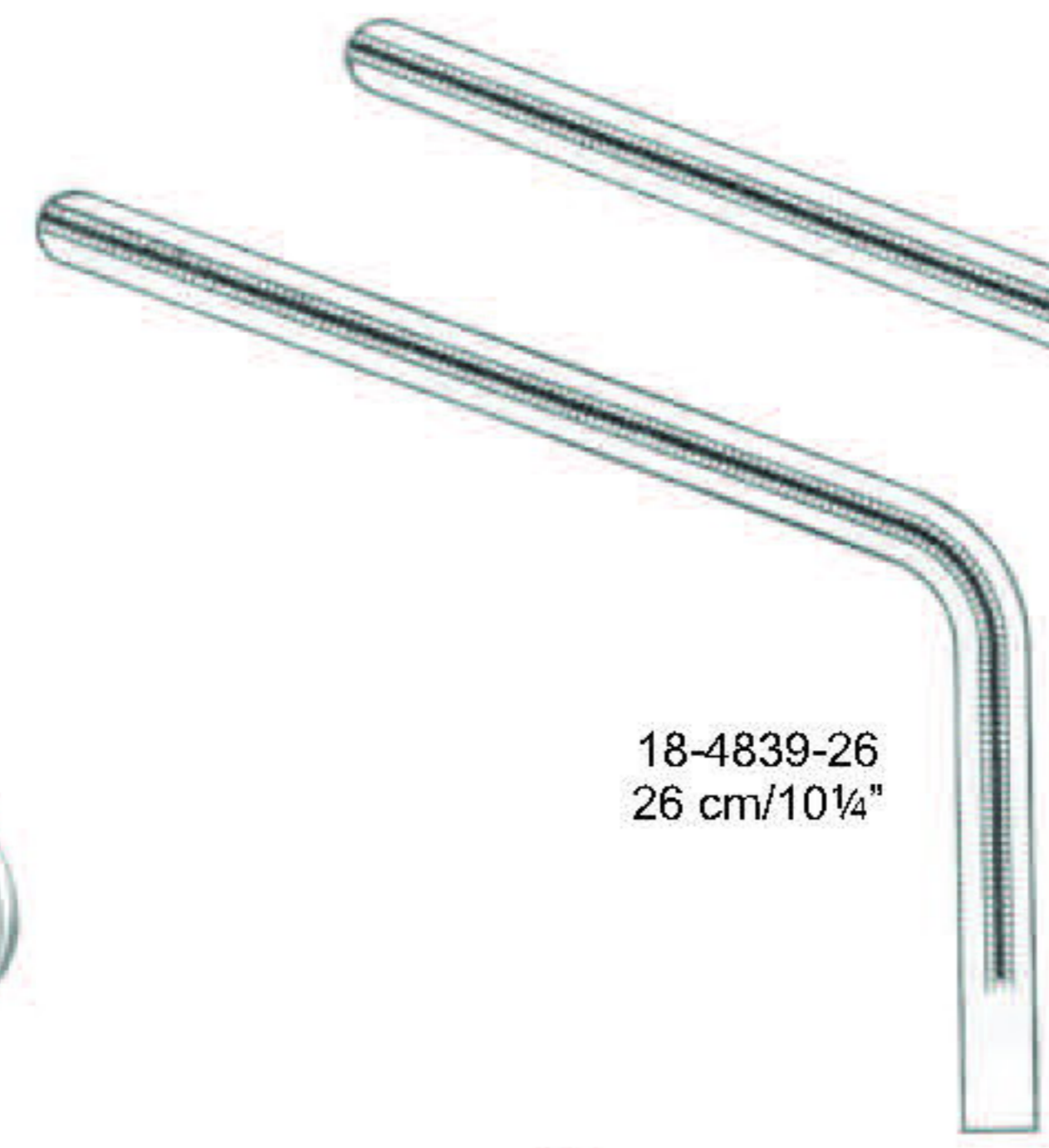
Atrauma



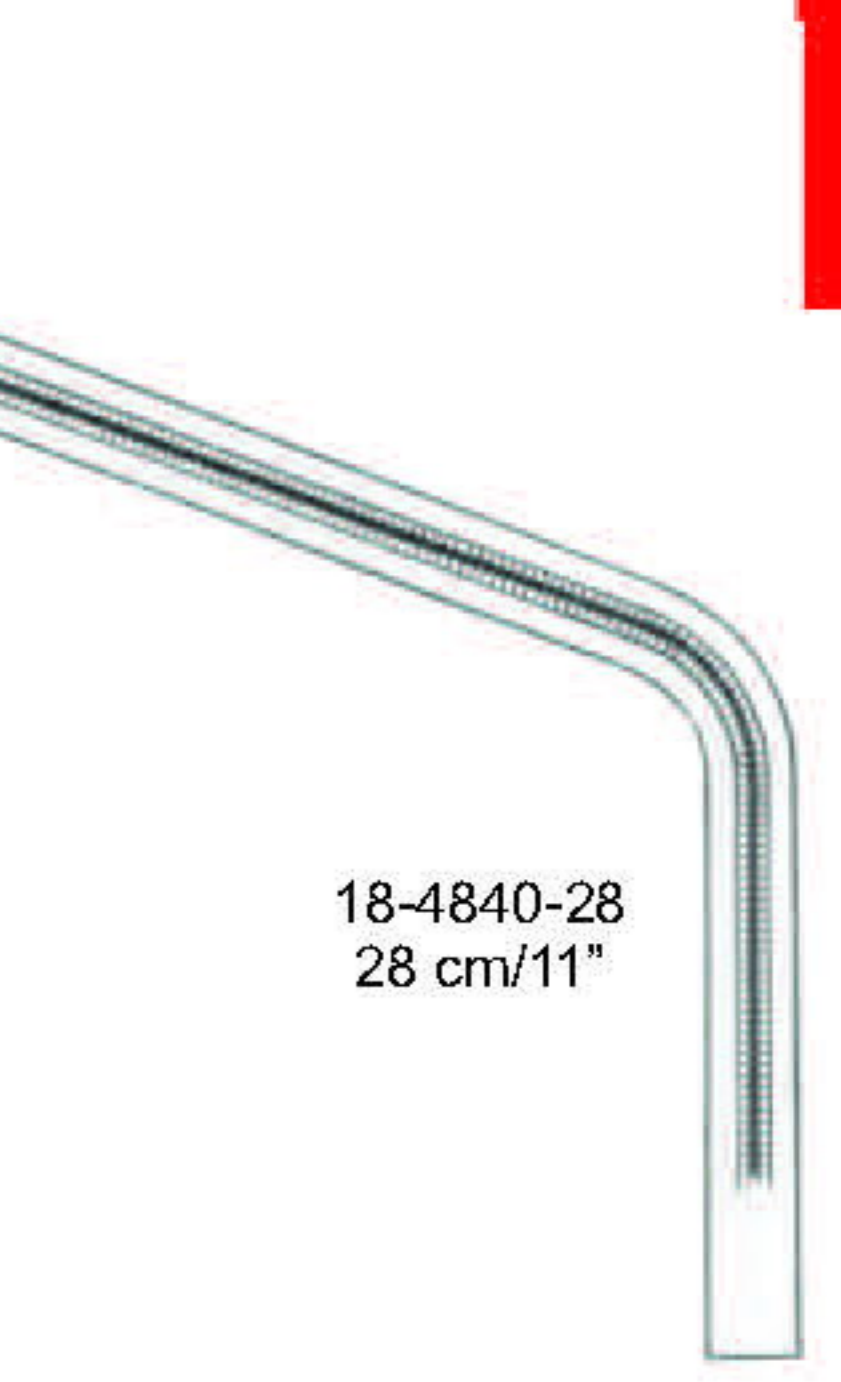
Resano
 18-4838-30
 30 cm/12"



Hayes



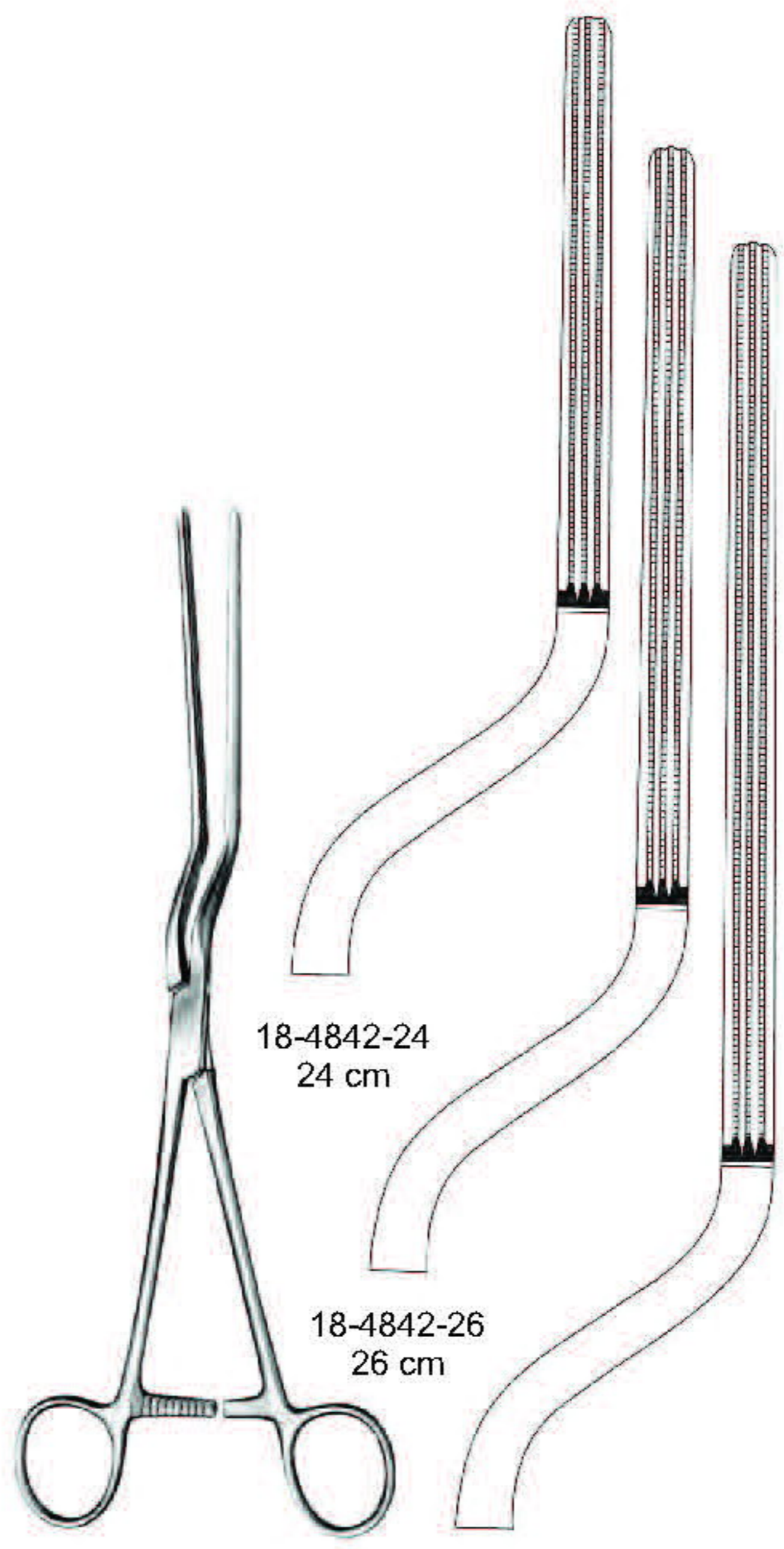
18-4839-26
 26 cm/10 1/4"



18-4840-28
 28 cm/11"



Fehland
 18-4841-24
 24 cm/9 1/2"



18-4842-24
 24 cm

18-4842-26
 26 cm

- EN Atrauma Intestinal Clamps Forceps
- DE Atrauma Darmklemmen
- ES Atrauma pinzas-clamps intestinales
- FR Atrauma Intestinal Clamps Forceps
- IT Pinze per pinze intestinali Atrauma

Atrauma



Kocher-Atrauma



18-4848-22
22 cm/8¾"



18-4848-25
25 cm/10"



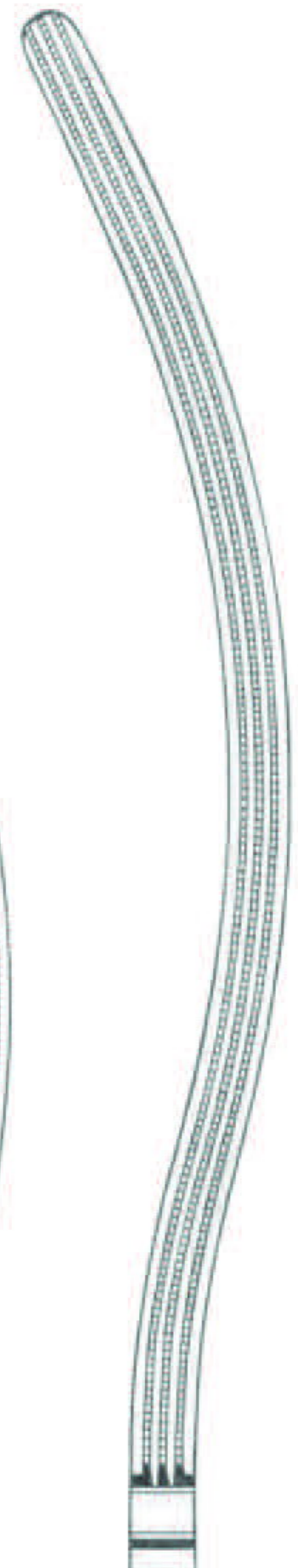
18-4848-28
28 cm/11"



18-4849-22
22 cm/8¾"



18-4849-25
25 cm/10"

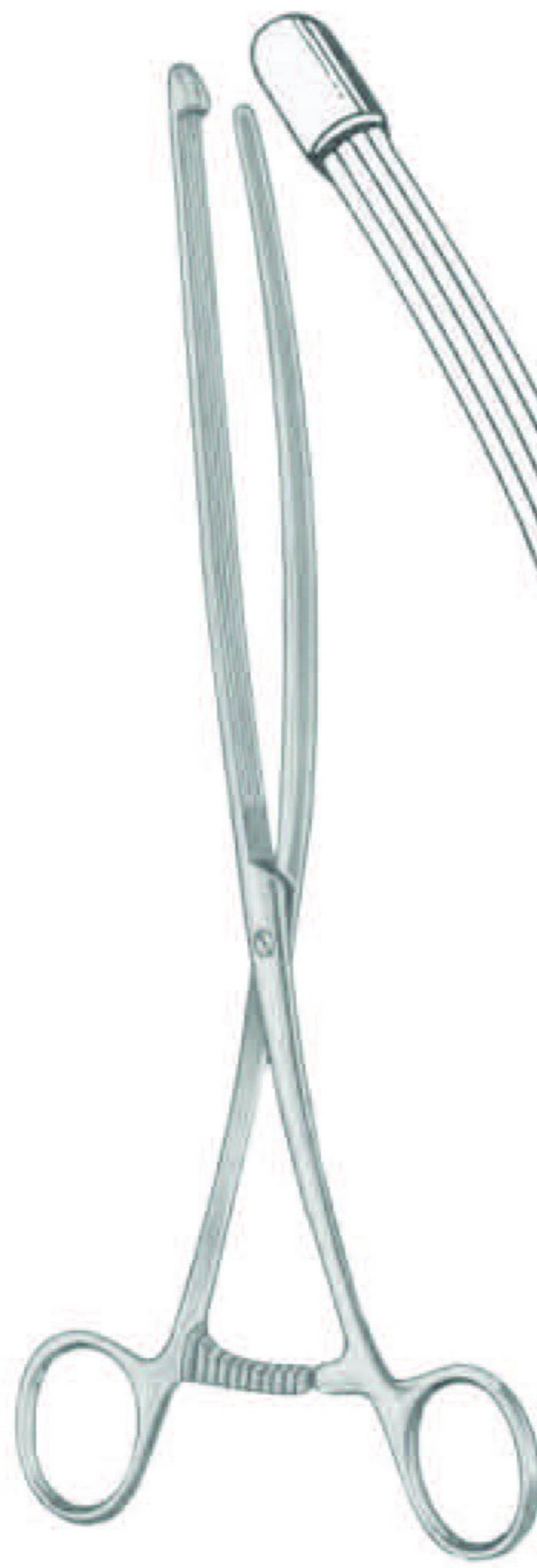


18-4849-28
28 cm/11"

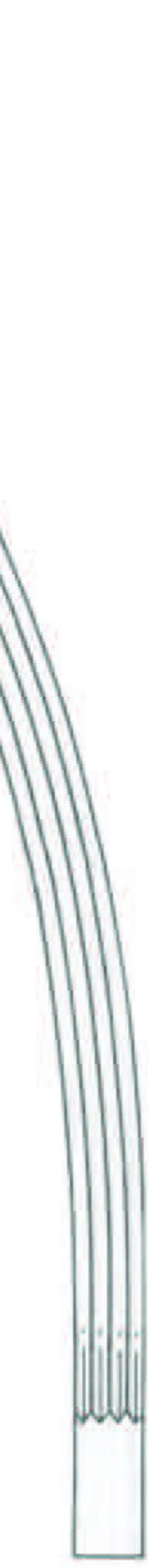
Intestinal Clamps Forceps	EN
Darmklemmen	DE
Pinzas-clamps intestinales	ES
Pinces pour clamps intestinaux	FR
Pinze per morsetto intestinale	IT



Straight
18-4851-25
18-4851-30



Nussbaum
25 cm/10"
30 cm/12"

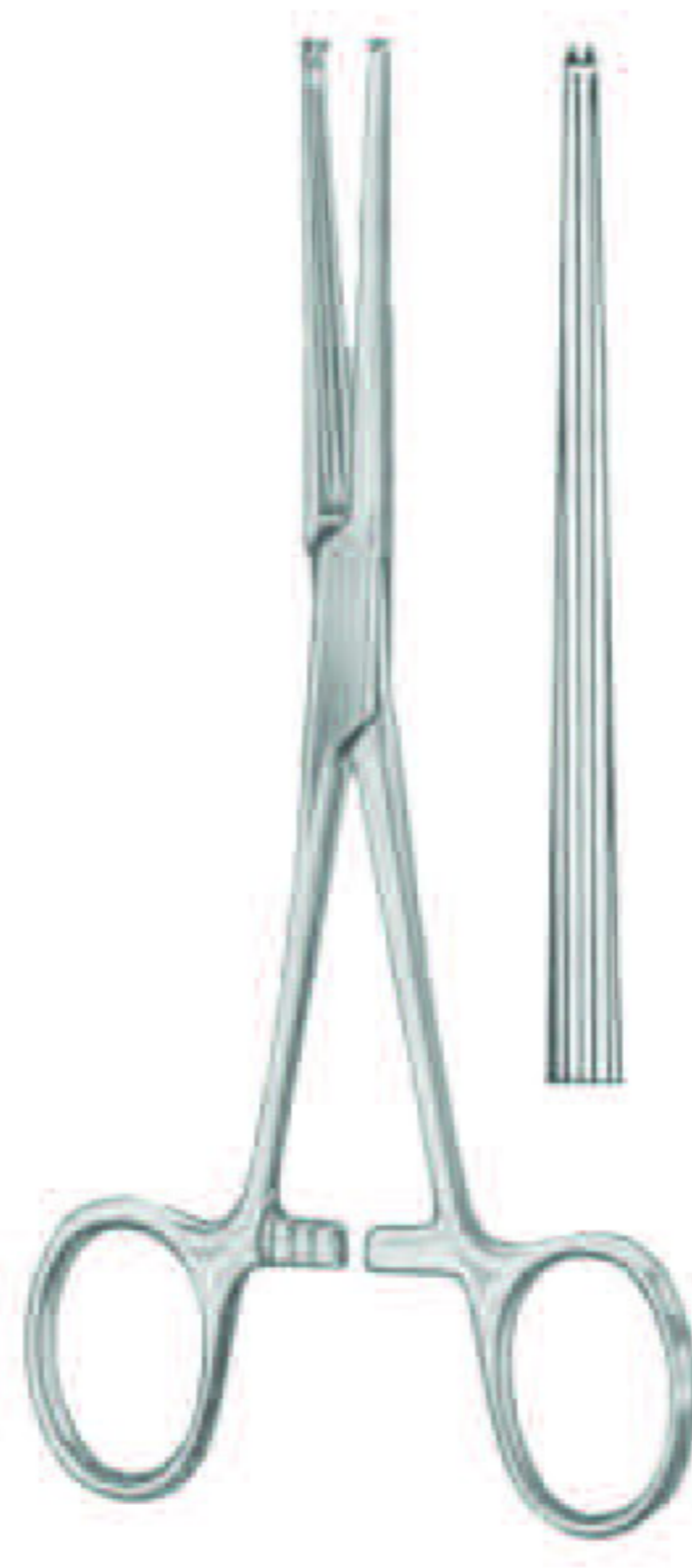


Curved
18-4852-25
18-4852-30



Benson
18-4850-15
15.5 cm/6"

Pylorus spreader



Allen
18-4853-15 15.5 cm/6"
18-4853-20 20.0 cm/8"

Blindgut forceps



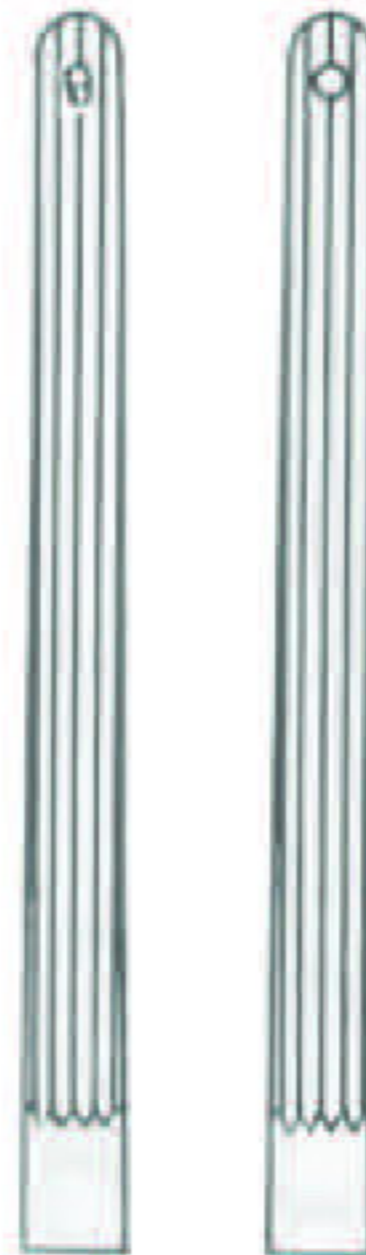
Kleinschmidt
18-4854-12
12 cm/4¾"

EN	Intestinal Stomach Clamps
DE	Darm- und Magenklammern
ES	Pinzas-clamps intestinales y estomacales
FR	Pinces intestinales intestinales
IT	Morsetti per stomaco intestinale

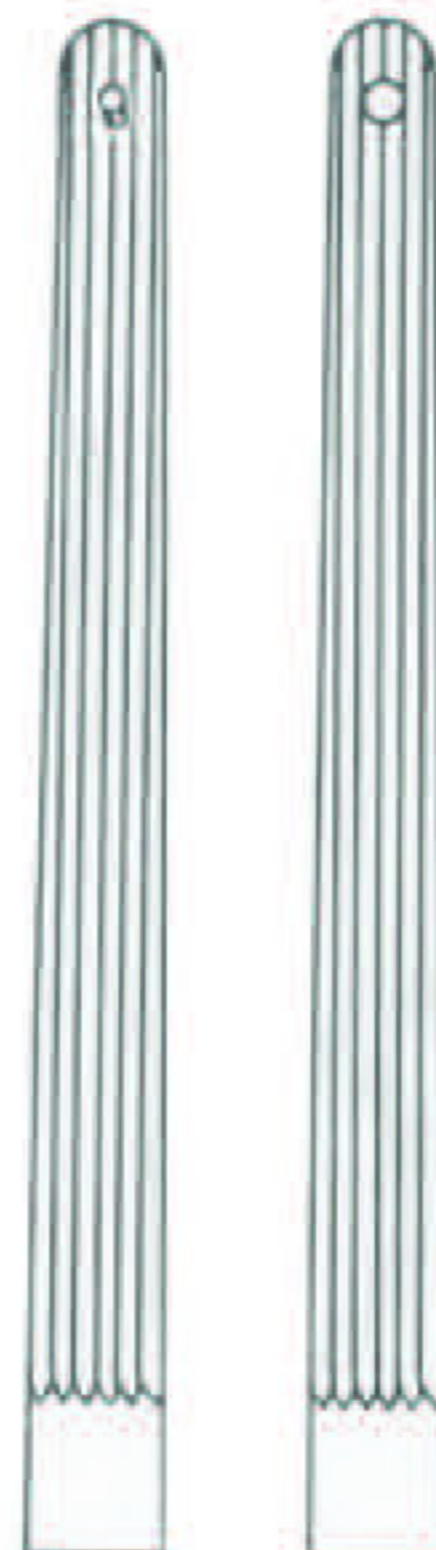


Payr
(Payr-Baby)

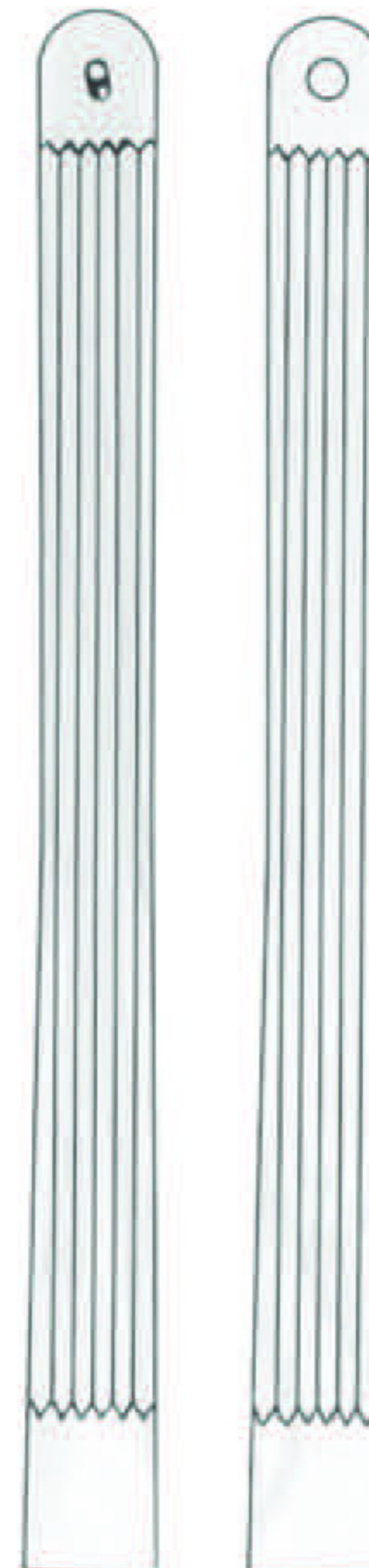
For children



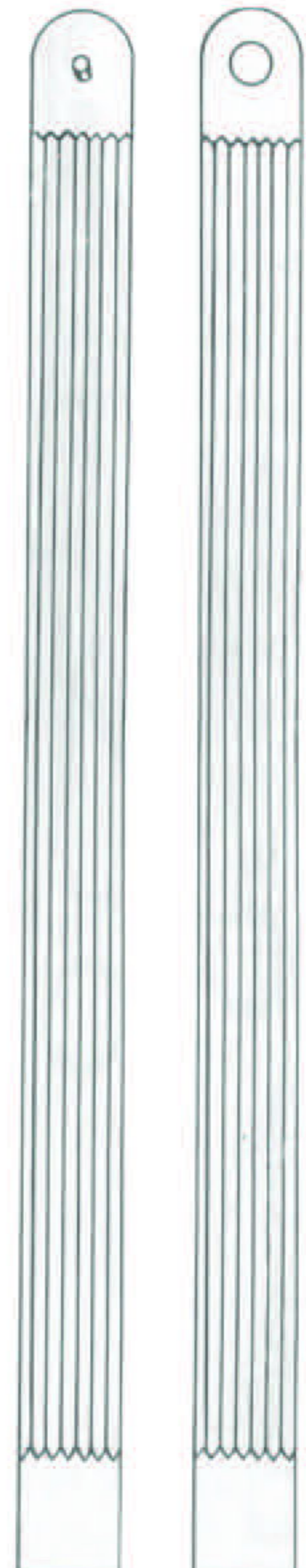
18-4855-15
15 cm/6"



18-4856-21
21 cm/8¼"



18-4857-29
29 cm/11½"



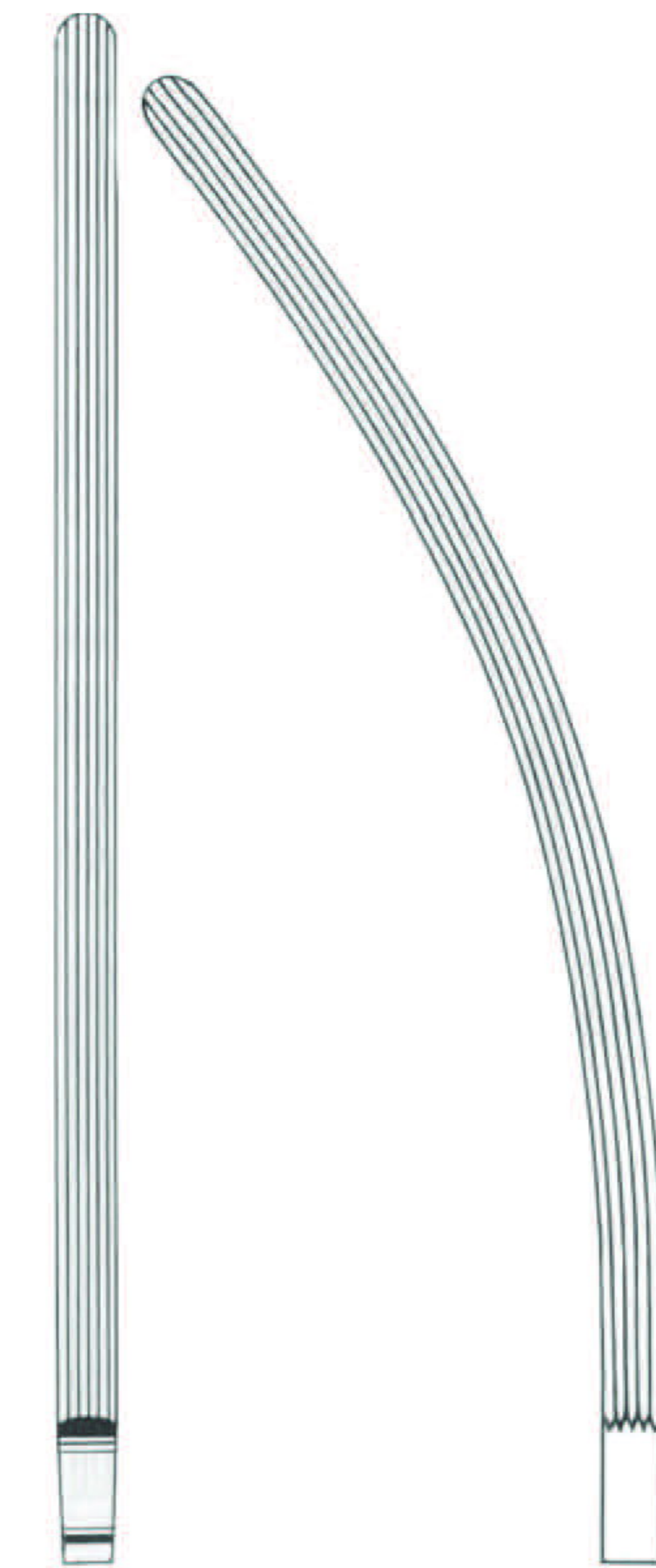
18-4858-35
35 cm/13¾"

Intestinal Clamps Forceps	EN
Darmklemmen	DE
Pinzas-clamps intestinales	ES
Pinces intestinales intestinales	FR
Morsetti per stomaco intestinale	IT

Twin Clamps Forceps



Lane
30 cm/12"



Straight
18-4859-30

Curved
18-4860-30

EN Anuscopes, Proctoscopes and Sphincteroscopes
 DE Spinkteroskopie, Anuskope, Proktoskopie
 ES Esfinteroscopios, Anoscopios, Proctoscopios
 FR Anuscopes, proctoscopes et sphincteroscopes
 IT Anuscopes, Proctoscopes e Sfinteroscopi

**MOD. MARTIN**

18-4877-01 22mm Ø X 50mm
 18-4877-02 22mm Ø X 75mm
 18-4877-03 22mm Ø X 100mm

**NEWMAN**

18-4878-01 16mm Ø X 63mm
 18-4878-02 19mm Ø X 63mm
 18-4878-03 23mm Ø X 63mm

**BENSAUDE**

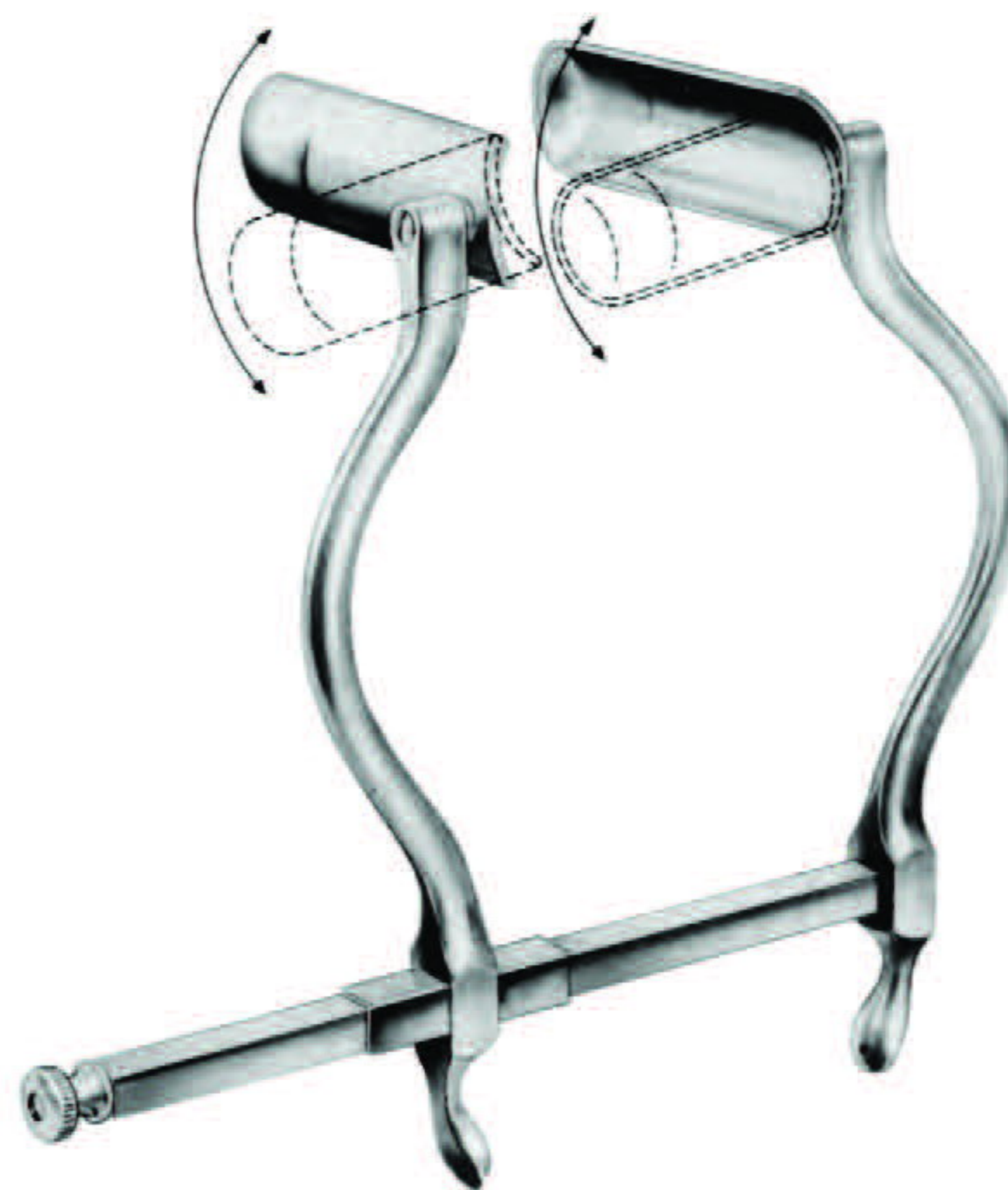
18-4879-01 19mmØ X 70mm
 18-4879-02 22mmØ X 70mm

**NAUNTON-MORGAN**

18-4880-00
 22mmØ X 70mm



BARR
18-4881-17
17.0cm



SMITH-BUIE
18-4882-15
15.0cm



ALAN PARKS
13.5cm
18-4883-00 complete
18-4883-04 centre blade
18-4883-13 frame only



18-4883-01
72mm

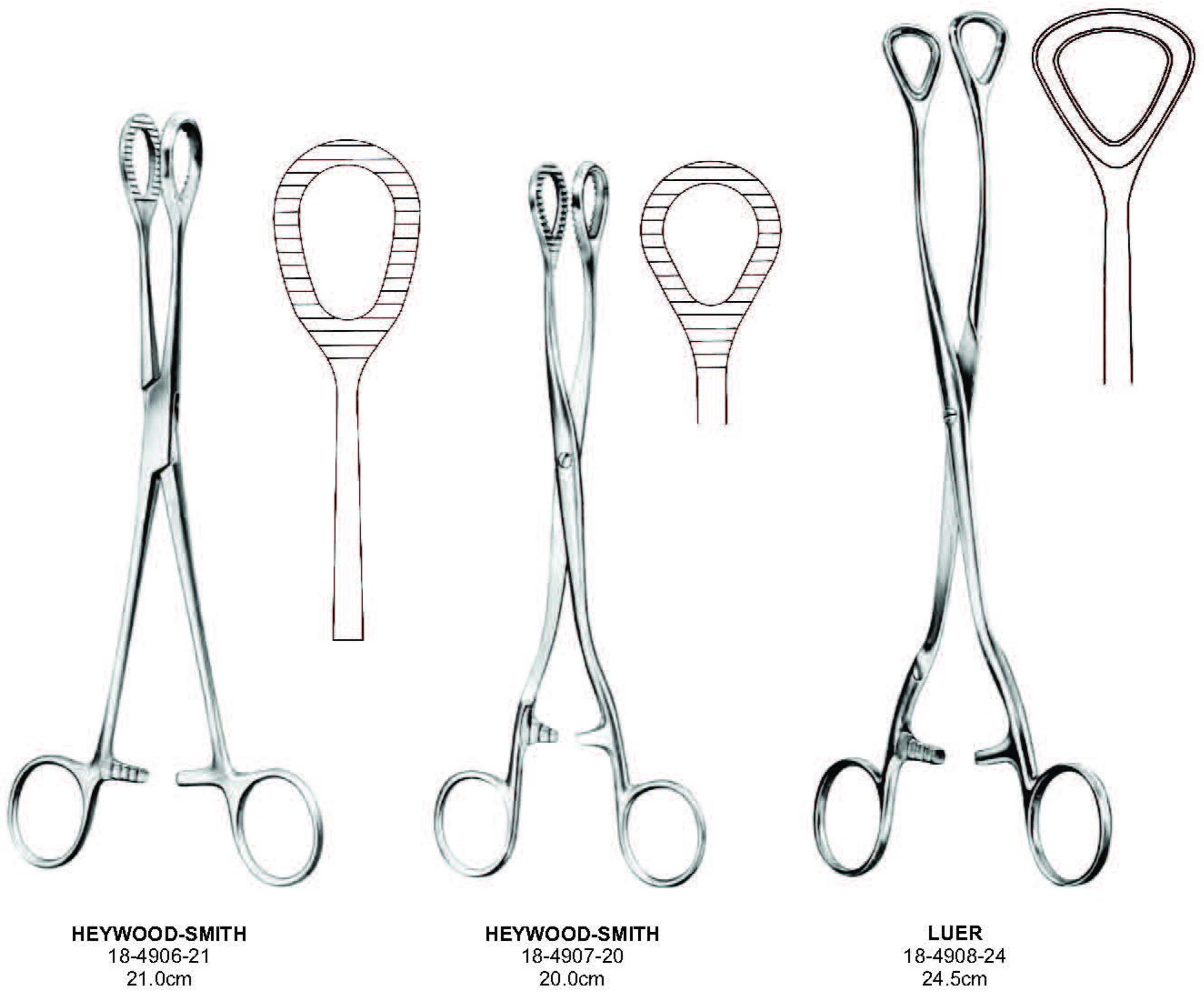
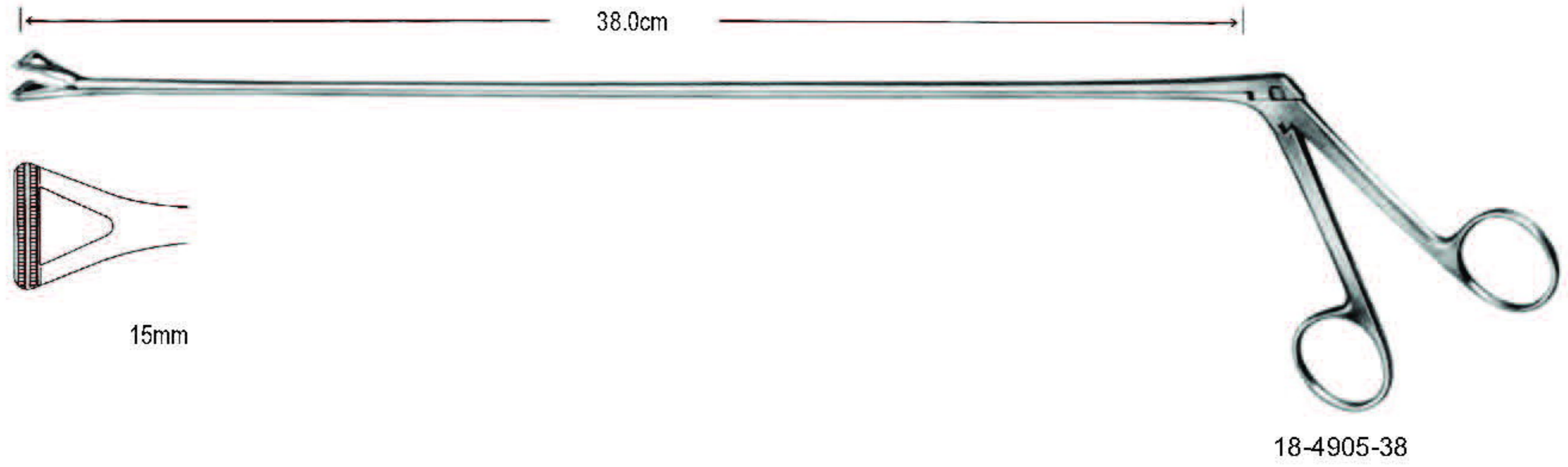


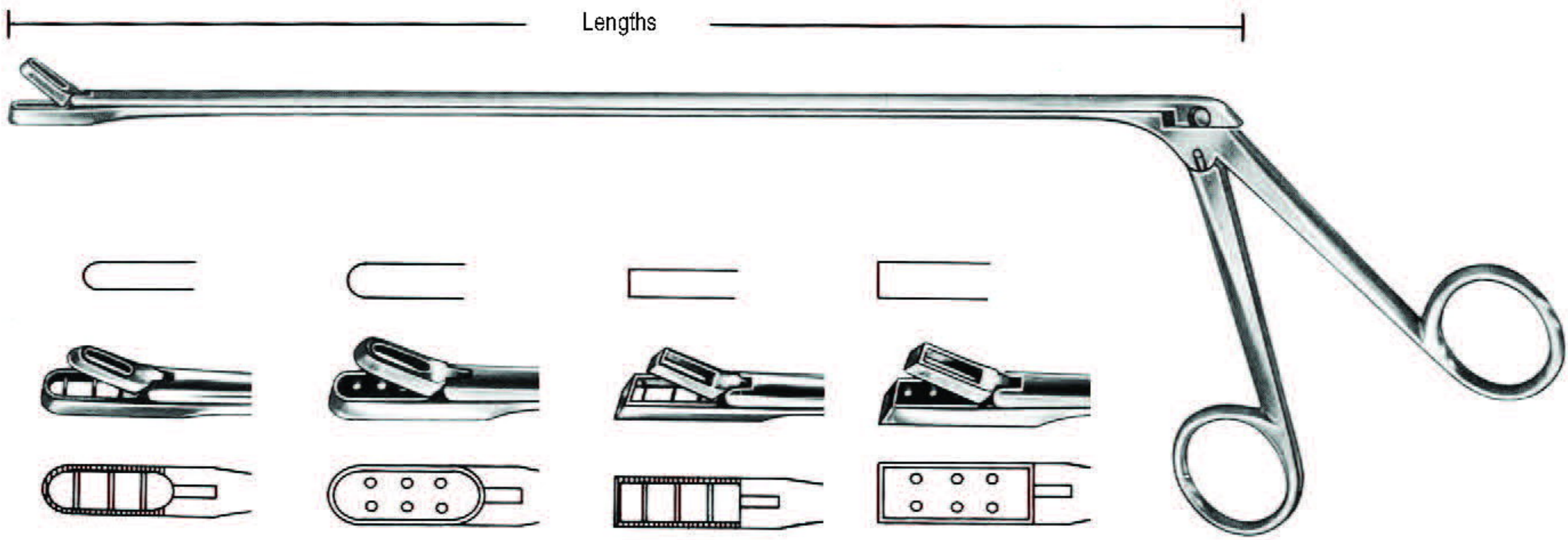
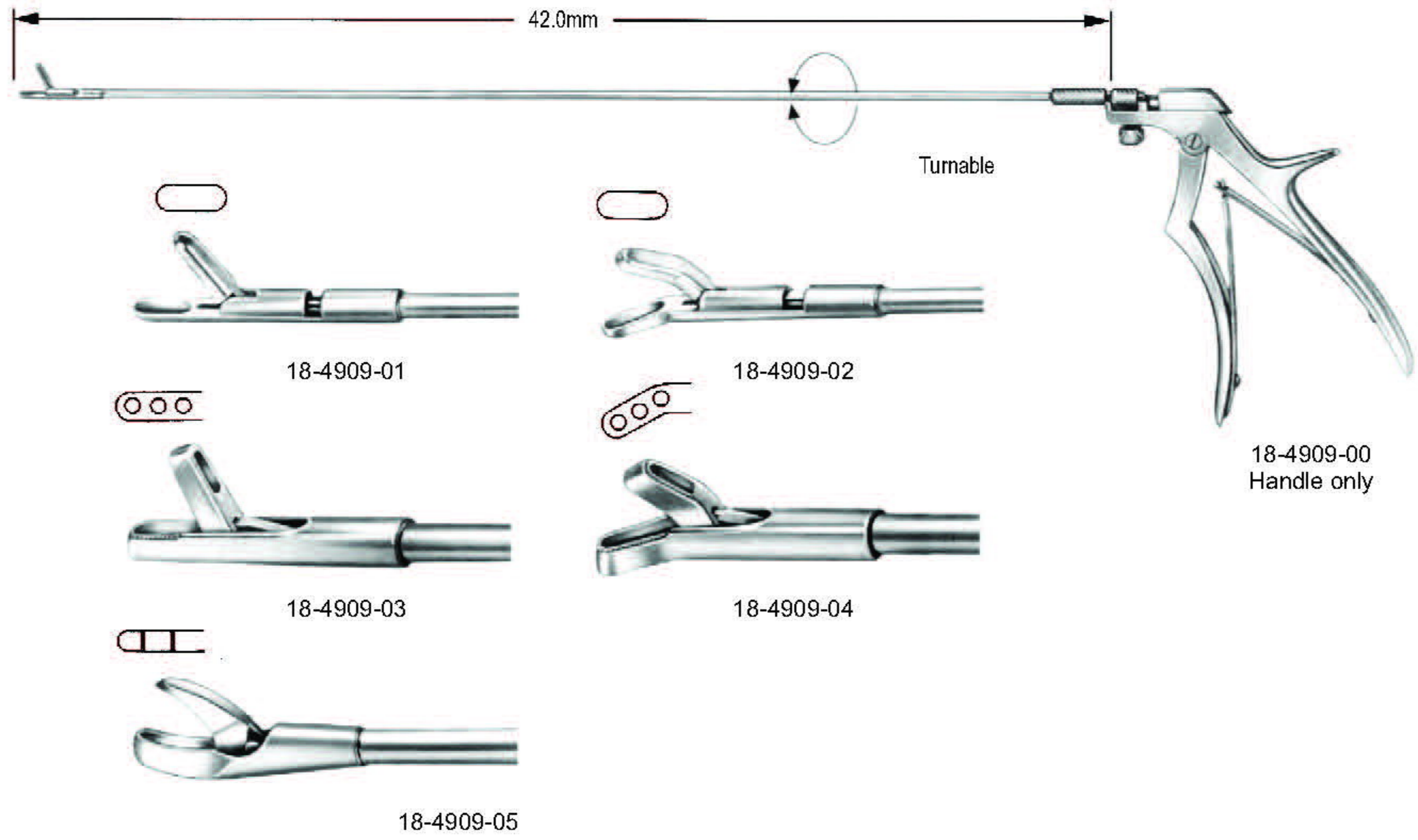
18-4883-02
90mm



18-4883-03
94mm

EN	Rectal Biopsy Specimen Forceps
DE	Mastdarm-Biopsiezange,
ES	Pinza sacabocado para biopsia rectal
FR	Pince à spécimen de biopsie rectale
IT	Pinze per campioni per biopsia rettale





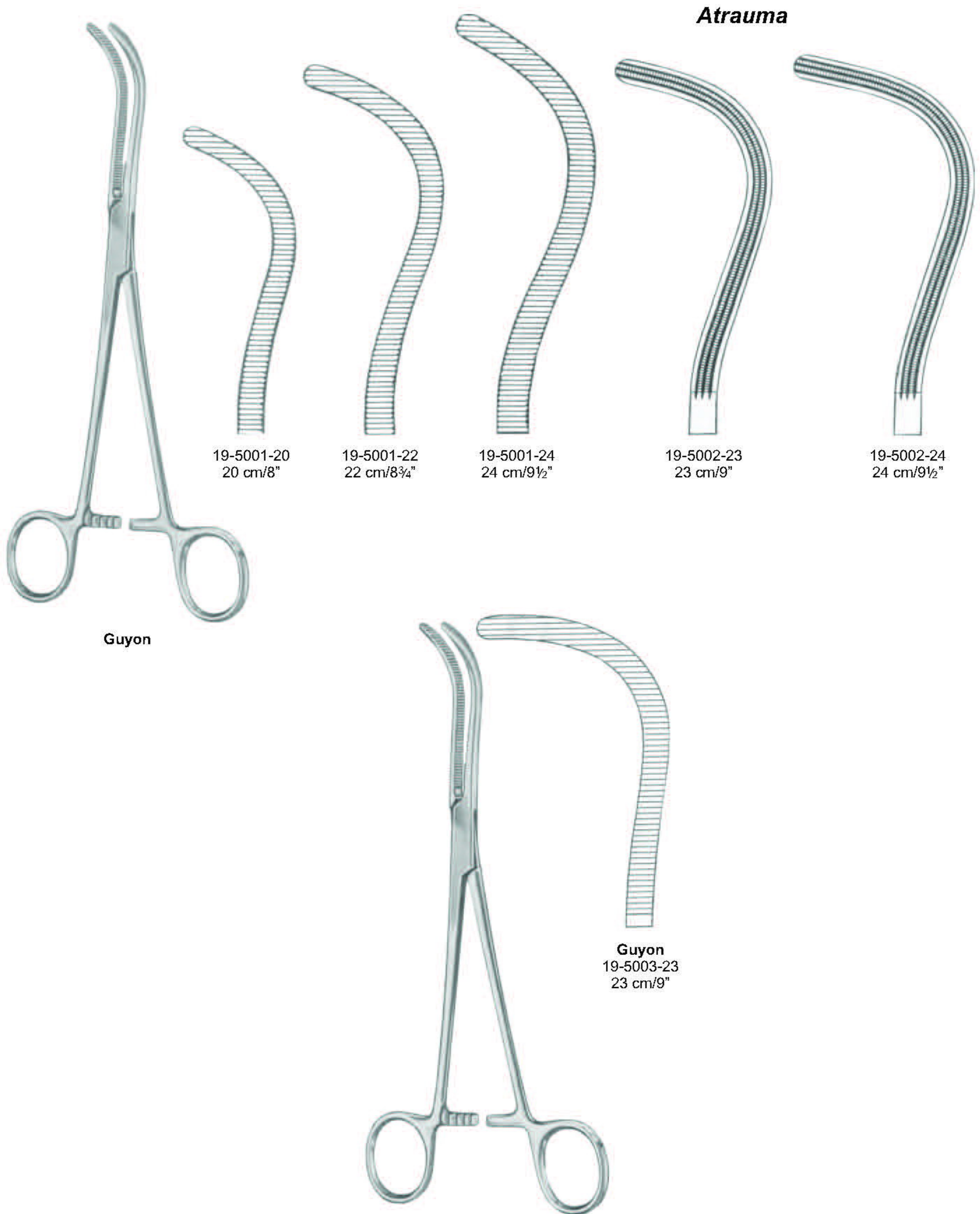
L/shaft	18-4910-28	18-4911-28	18-4912-28	18-4913-28
28.0cm	18-4910-28	18-4911-28	18-4912-28	18-4913-28
35.0cm	18-4910-35	18-4911-35	18-4912-35	18-4913-35
42.0cm	18-4910-42	18-4911-42	18-4912-42	18-4913-42

- EN** Kidney, Liver, Gall Stone, Urology
- DE** Niere, Leber, Galle, Urologie
- ES** Riñón, Hígado, Bilis, Urología
- FR** Reins, foie, calculs biliaires, urologie
- IT** Rene, fegato, pietra gallica, urologia

Page 252 to 262



EN	Kidney Pedicle Clamp Forceps
DE	Kidney Gestielte Klammerzange
ES	Pinzas de riñón Clamp pediculares
FR	Pince pour pédicule périculaire rein
IT	Pinze per morsetto per reni



Guyon

Atrauma

19-5001-20
20 cm/8"

19-5001-22
22 cm/8 3/4"

19-5001-24
24 cm/9 1/2"

19-5002-23
23 cm/9"

19-5002-24
24 cm/9 1/2"

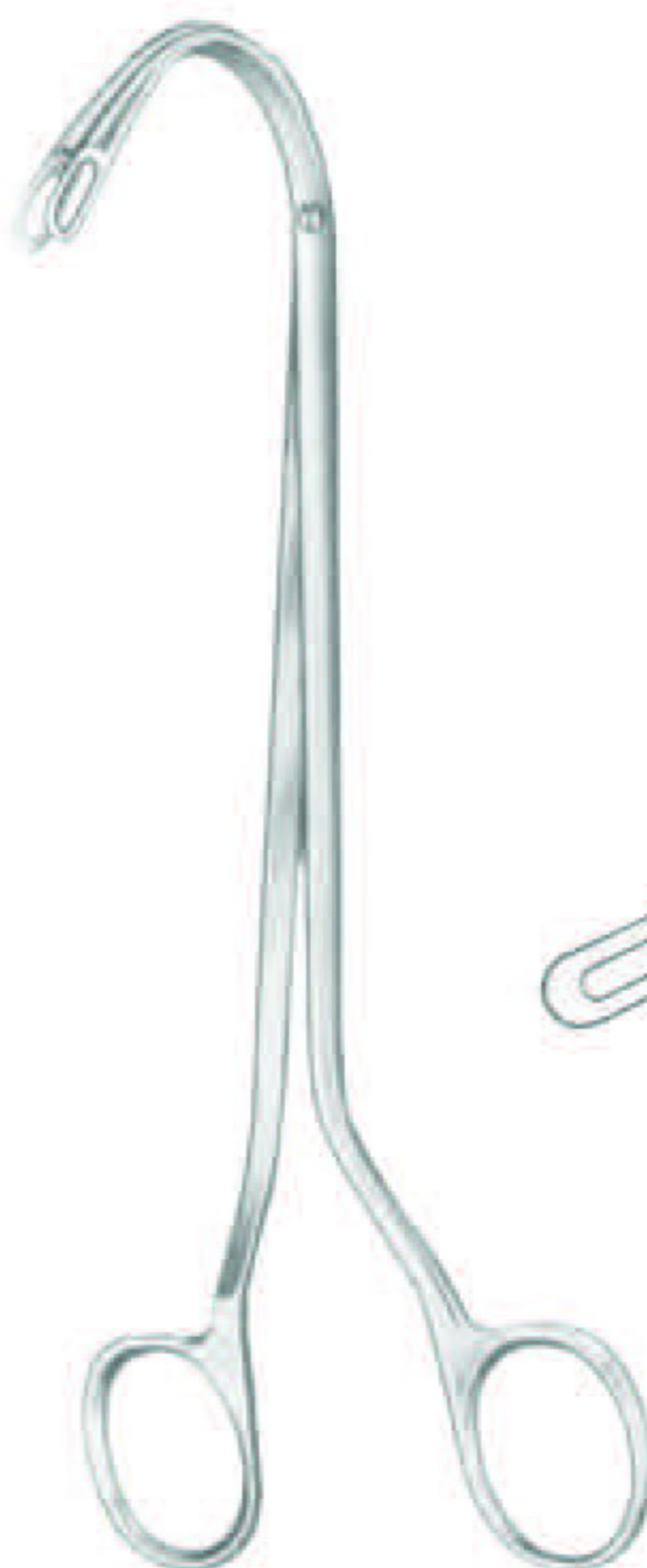
Guyon
19-5003-23
23 cm/9"



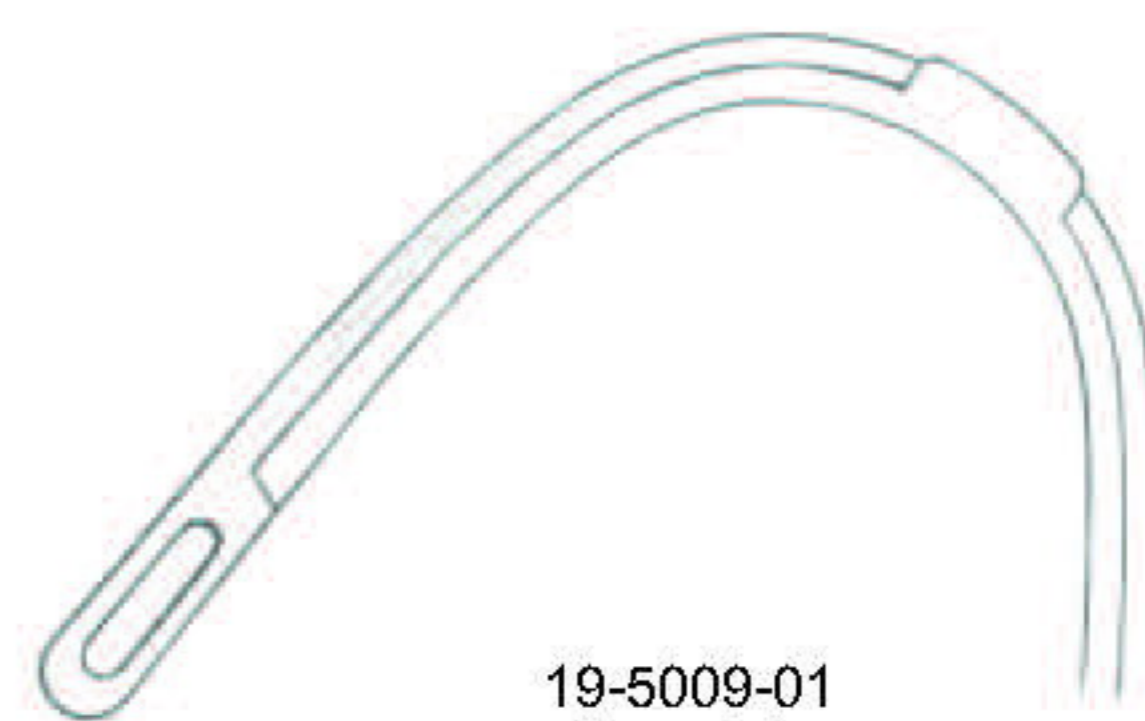
Elsasser
 19-5007-20
 20 cm/8"



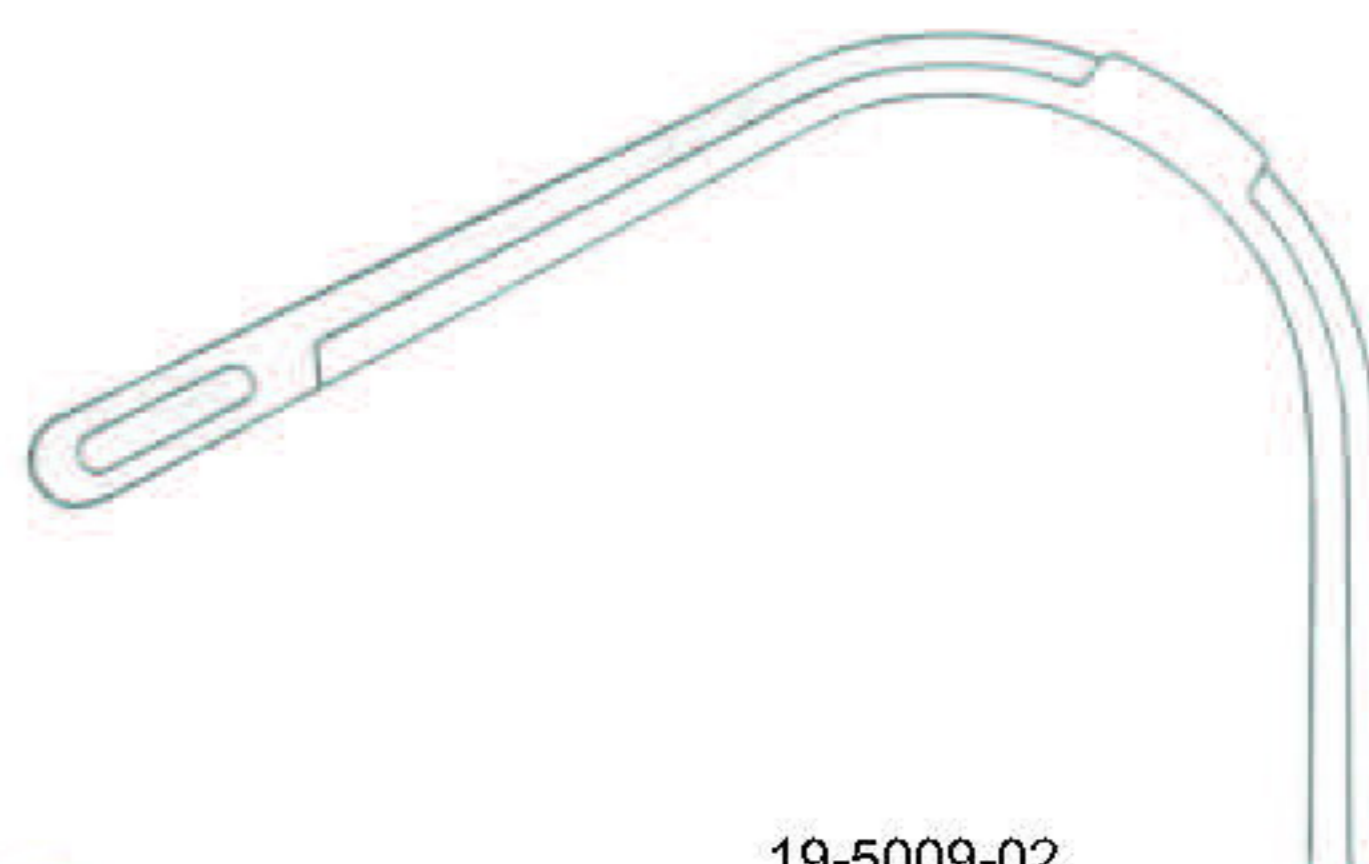
19-5008-20
 20 cm/8"



Randall



19-5009-01
 19 cm/7½"



19-5009-02
 19 cm/7½"



Randall

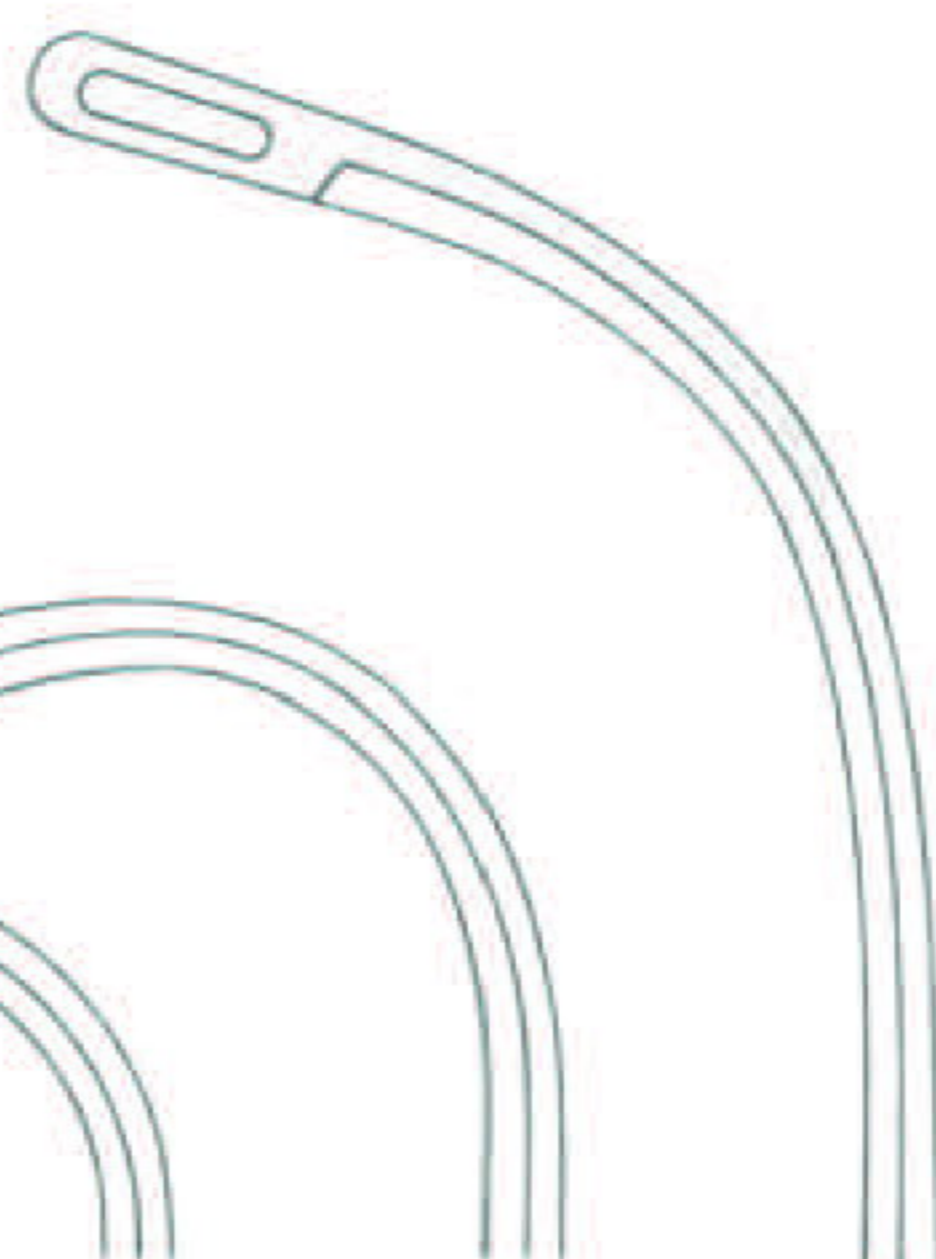


Fig. 4
 19-5010-04
 22 cm/8¾"



Fig. 3
 19-5010-03
 22 cm/8¾"



Fig. 2
 19-5010-02
 22 cm/8¾"



Fig. 1
 19-5010-01
 23 cm/9"

EN	Gall Duct Forceps
DE	Gall Duct Zange
ES	Pinzas conducto biliar
FR	Pince à goulotte
IT	Pinza per condotti Gall



Fig. 1
19-5011-01
22 cm/8¾"

Fig. 2
19-5011-02
23 cm/9"

Set of 2 pieces



Fig. 1
19-5012-01
22 cm/8¾"

Fig. 2
19-5012-02
23 cm/9"

Set of 2 pieces



Gall duct and
cystic forceps





Mayo-Blake
20 cm/8"



Mayo-Blake
20 cm/8"



Czerny
19-5019-24
24.5 cm/9 3/4"



Desjardins
23 cm/9"

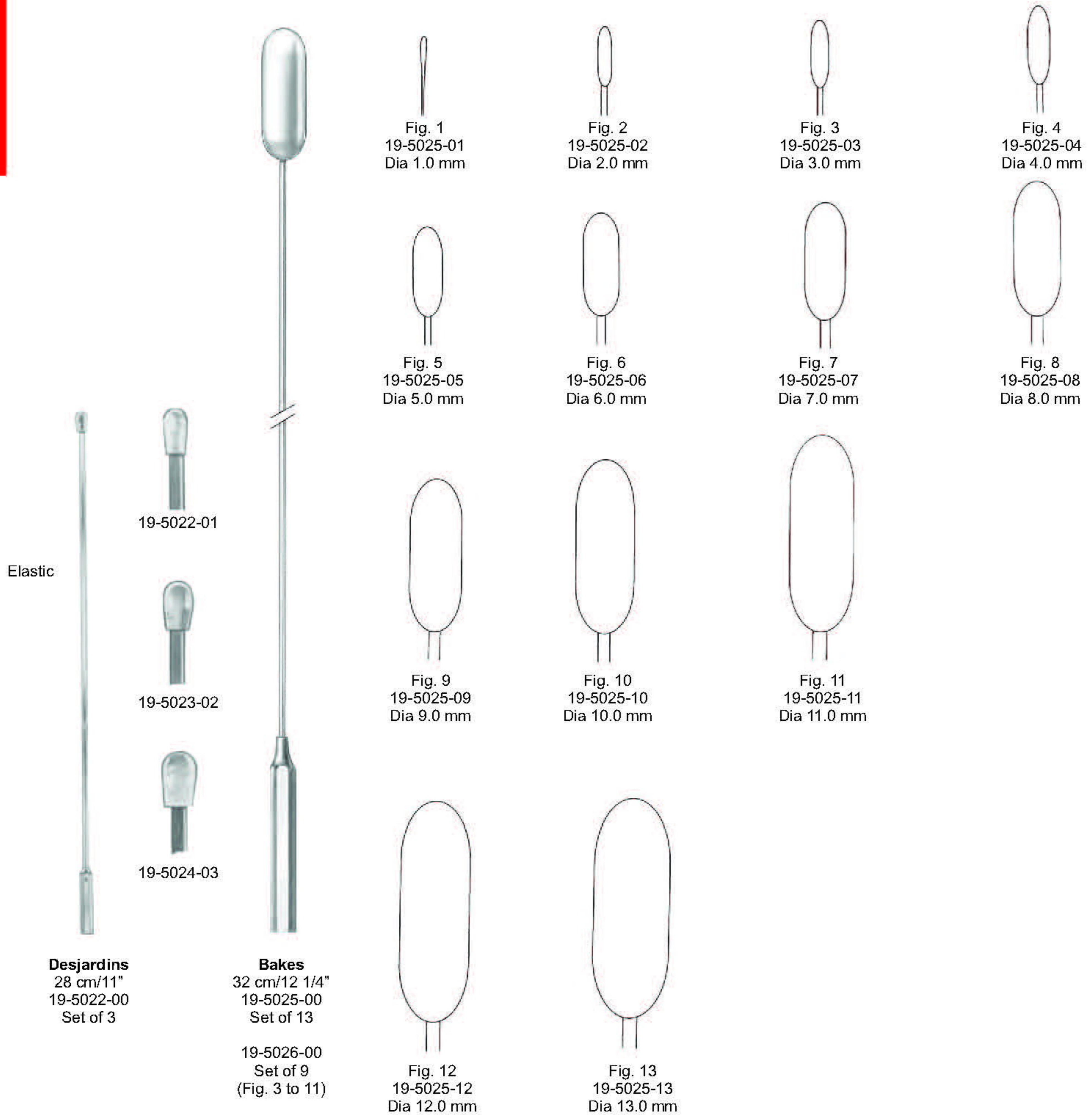


Fig. 1
19-5021-01

Fig. 2
19-5021-02

Fig. 3
19-5021-03

Fig. 4
19-5021-04



Desjardins
 28 cm/11"
 19-5022-00
 Set of 3

Bakes
 32 cm/12 1/4"
 19-5025-00
 Set of 13
 19-5026-00
 Set of 9
 (Fig. 3 to 11)

Fig. 1
 19-5025-01
 Dia 1.0 mm

Fig. 2
 19-5025-02
 Dia 2.0 mm

Fig. 3
 19-5025-03
 Dia 3.0 mm

Fig. 4
 19-5025-04
 Dia 4.0 mm

Fig. 5
 19-5025-05
 Dia 5.0 mm

Fig. 6
 19-5025-06
 Dia 6.0 mm

Fig. 7
 19-5025-07
 Dia 7.0 mm

Fig. 8
 19-5025-08
 Dia 8.0 mm

Fig. 9
 19-5025-09
 Dia 9.0 mm

Fig. 10
 19-5025-10
 Dia 10.0 mm

Fig. 11
 19-5025-11
 Dia 11.0 mm

Fig. 12
 19-5025-12
 Dia 12.0 mm

Fig. 13
 19-5025-13
 Dia 13.0 mm

Elastic



Fig.1
19-5027-01



Fig.2
19-5027-02



Fig.3
19-5027-03

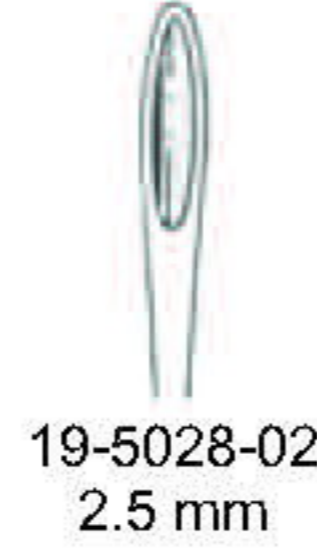


Fig.4
19-5027-04

Desjardins
30 cm/12"

19-5027-00
Set of 4

Malleable



19-5028-02
2.5 mm



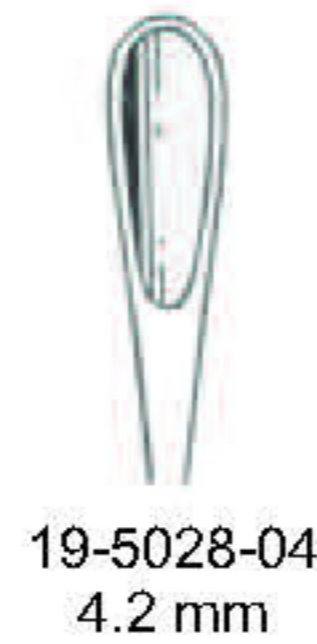
19-5028-06
6.7 mm



19-5028-03
3.2 mm



19-5028-08
8.0 mm



19-5028-04
4.2 mm



19-5028-11
11 mm



19-5028-05
5.5 mm



19-5028-15
15 mm

Luer-Koerte
32 cm/12½"

19-5028-00
Set of 8

EN	Gall Stone Scoops
DE	Gallensteinlöffel
ES	Cucharillas para coger cálculos biliares
FR	Scoops de pierre de Gall
IT	Gall Stone Scoops



Mayo
19-5029-28
28 cm/11"

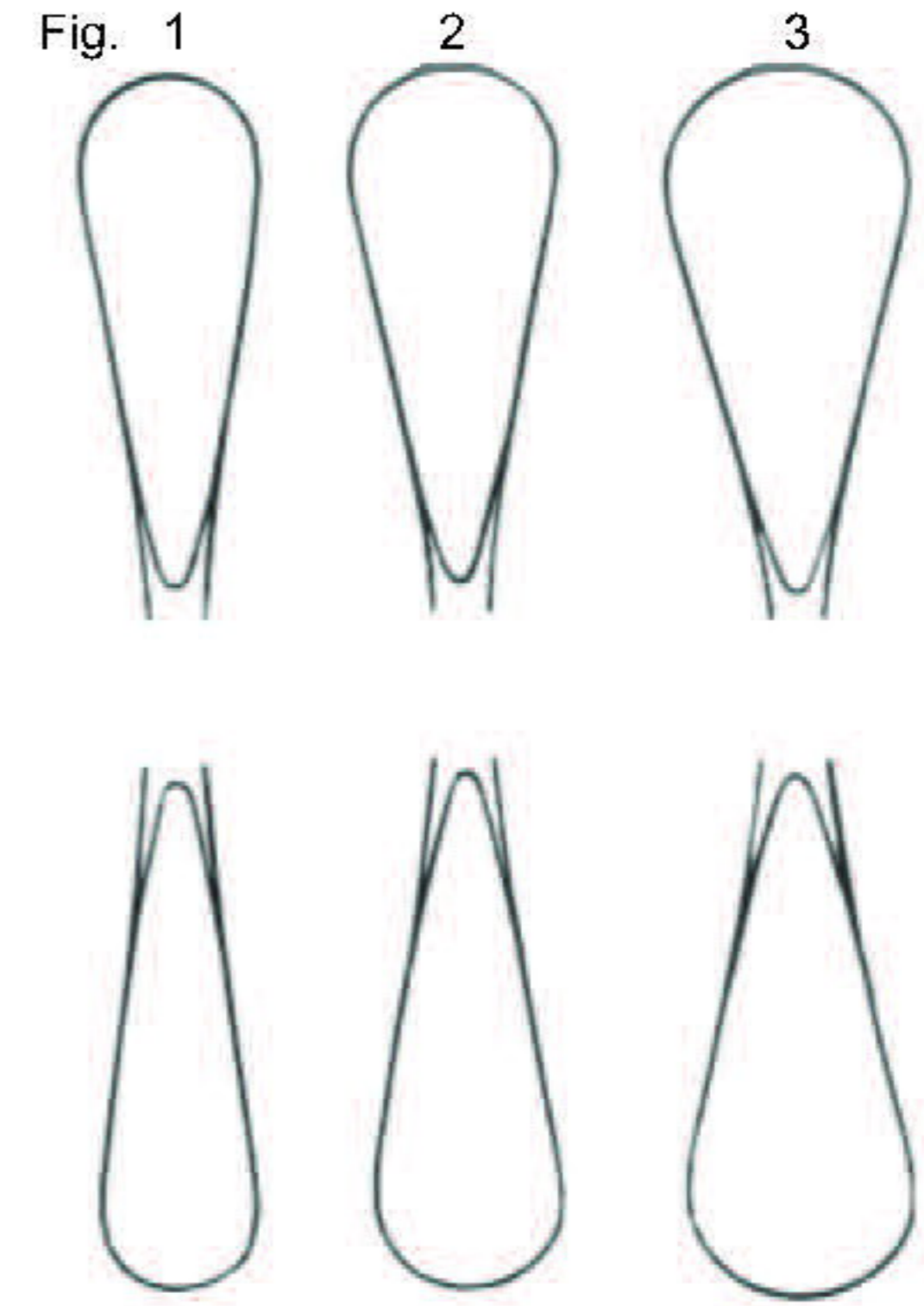
Malleable



Mayo
26.5 cm/10½"



Moore
26-8506-28
28 cm/11"



Fergusson
24 cm/9½"

Fig.
1 19-5031-01
2 19-5031-02
3 19-5031-03



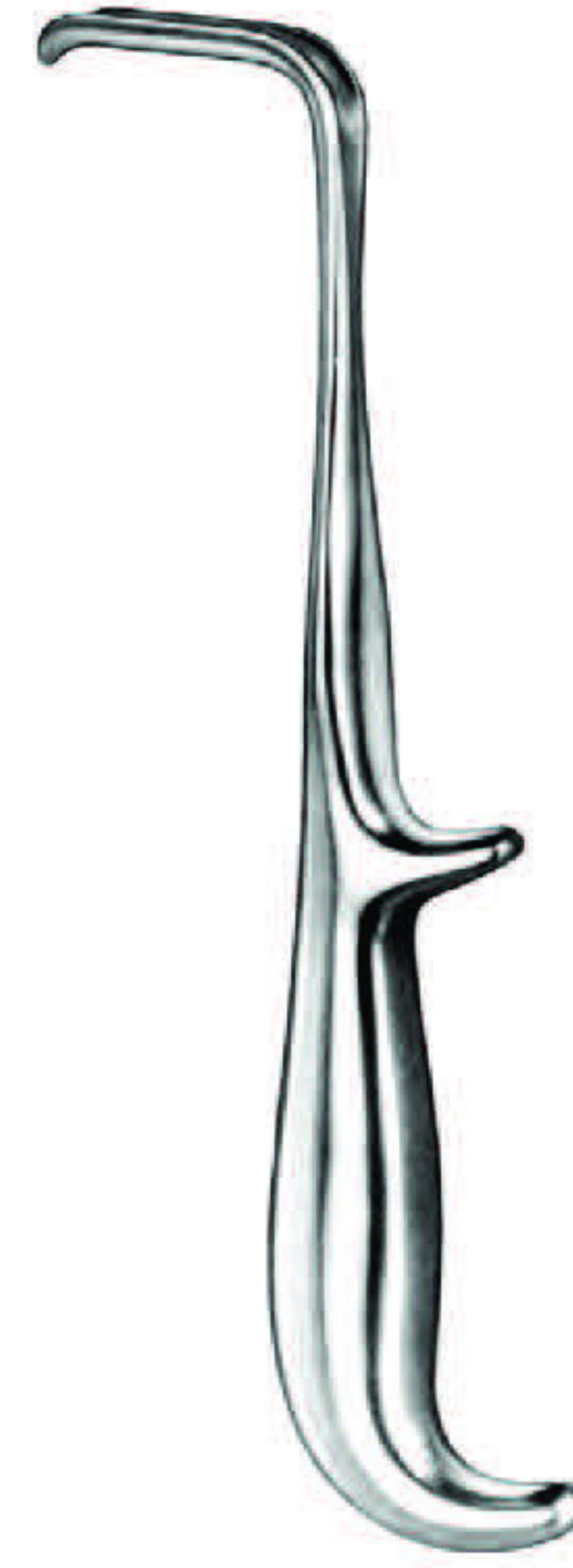
Young
 19-5032-22
 22 cm/8¾"



Young
 19-5033-21
 21 cm/8¼"



Young
 19-5034-22
 22 cm/8¾"



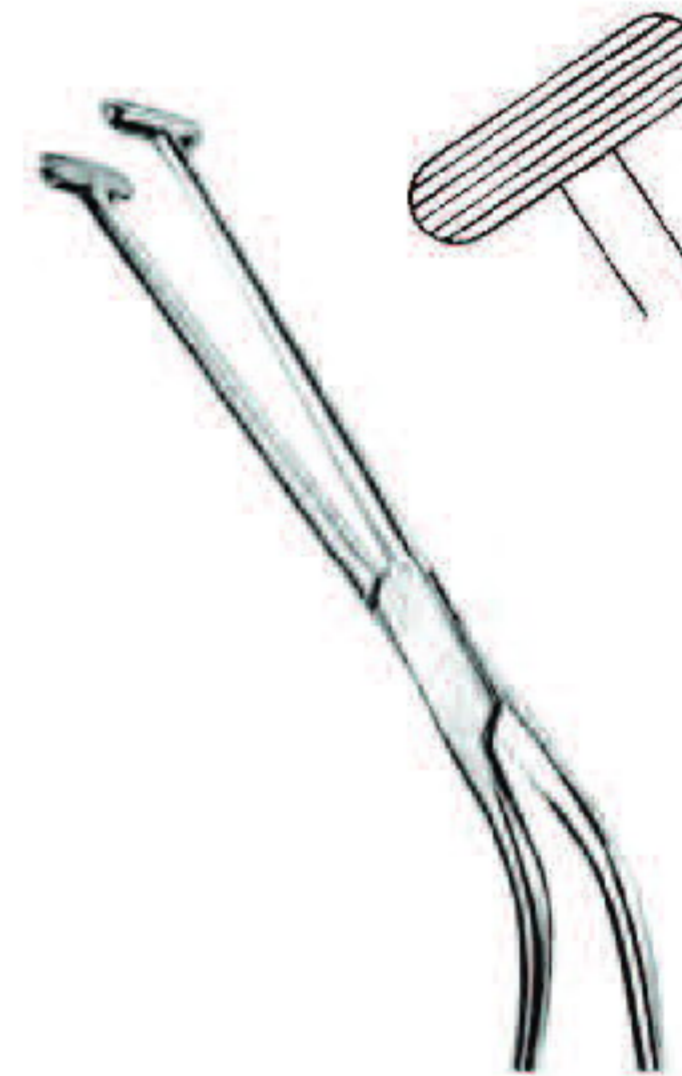
Young
 19-5035-21
 21 cm/8¼"



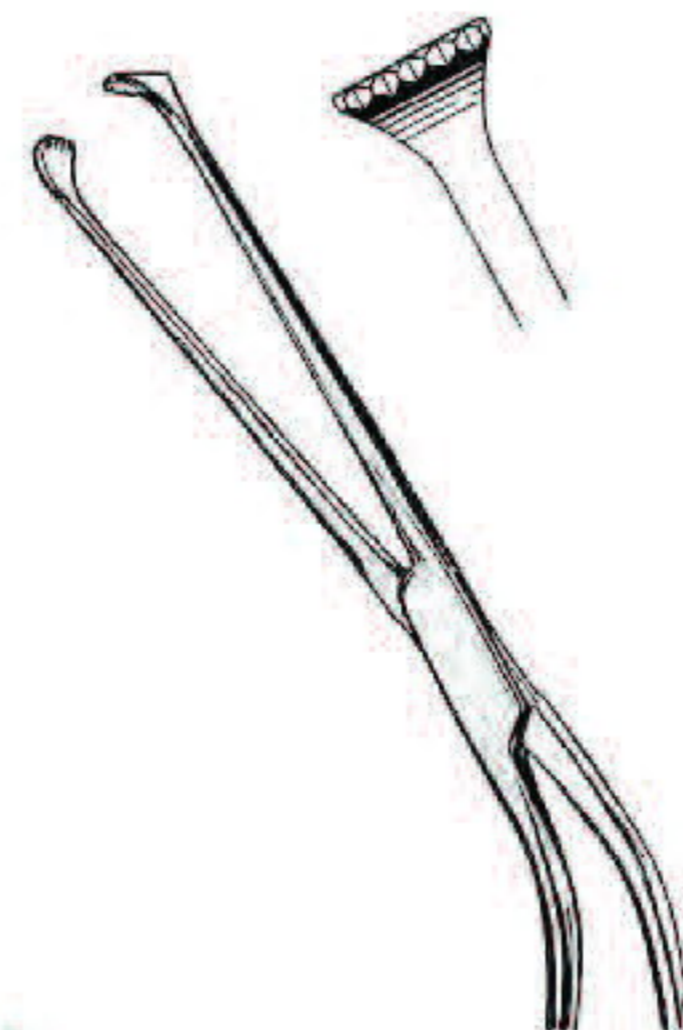
MILLIN
 19-5036-01
 24.5cm



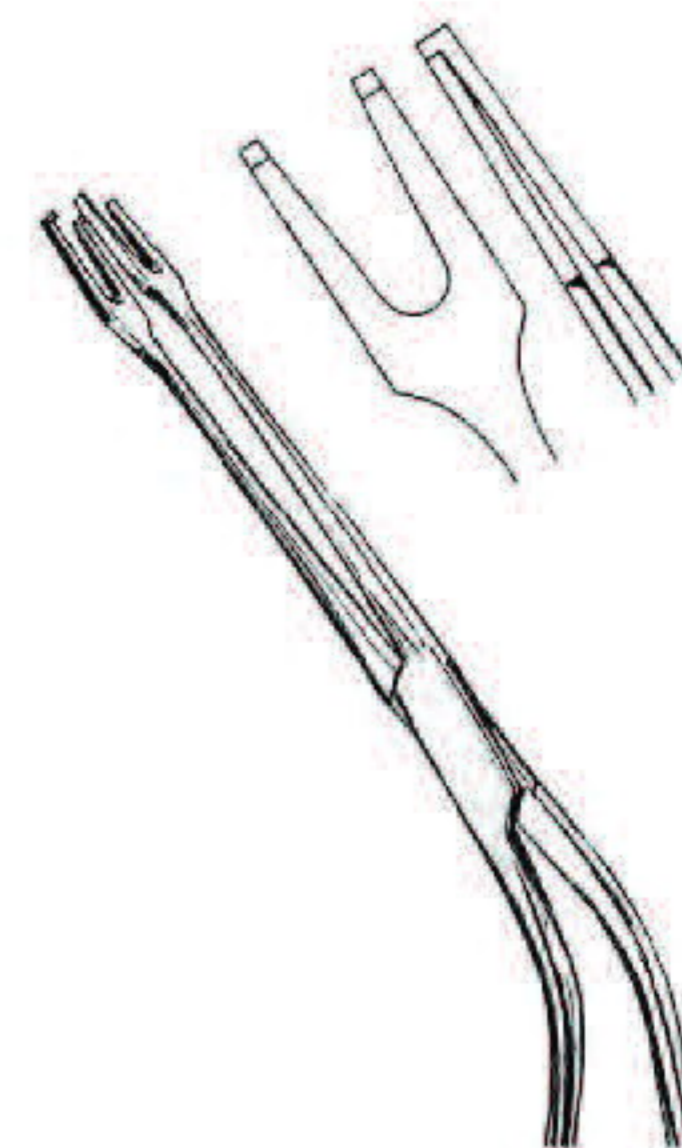
19-5036-02 23.5cm



19-5036-03 23.0cm



19-5036-04 23.0cm



19-5036-05 24.0cm

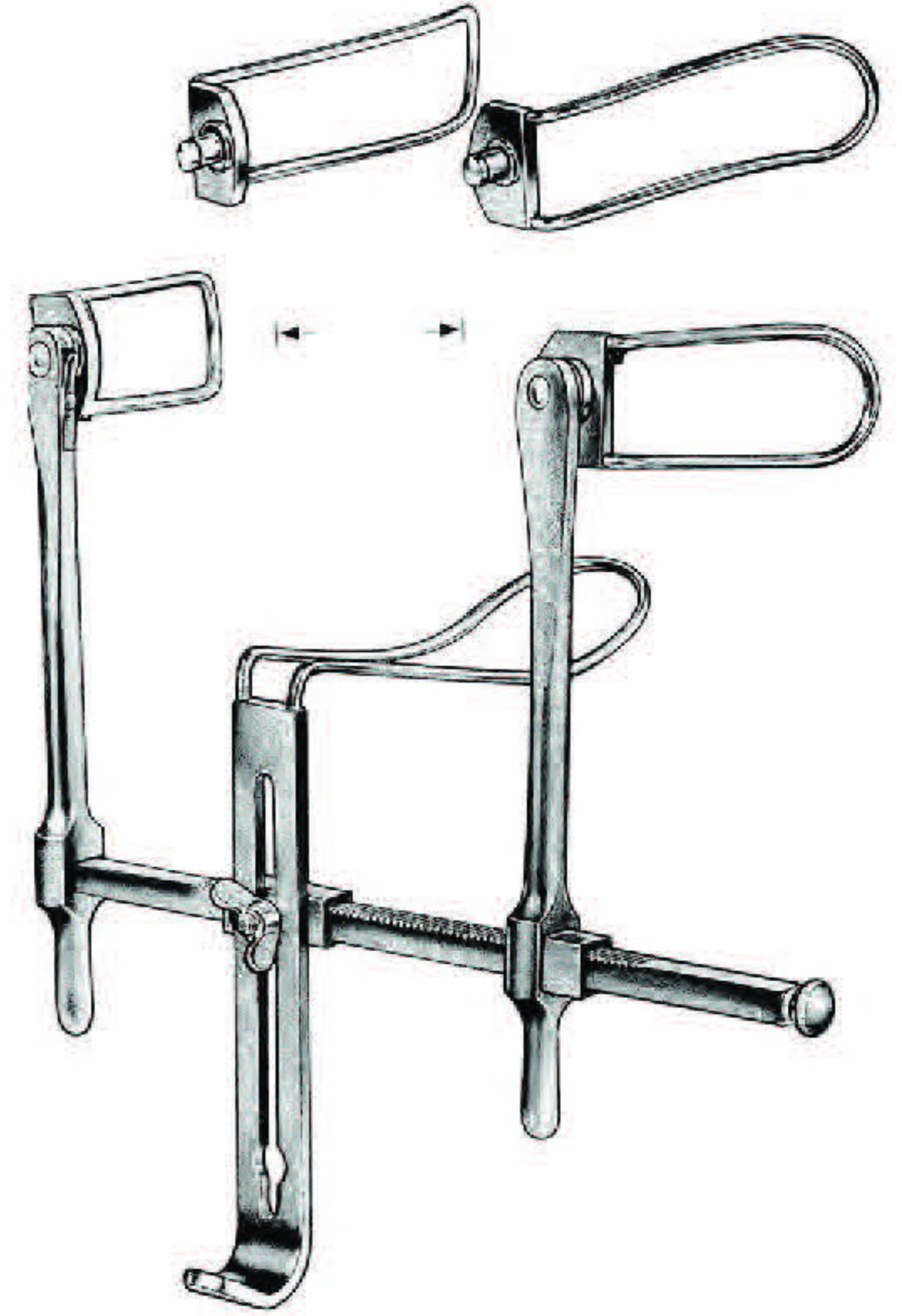
EN	Bladder Retractors
DE	Gallensteinlöffel
ES	Separadores vesicales
FR	Écarteurs vésicaux
IT	Retrattori della vescica



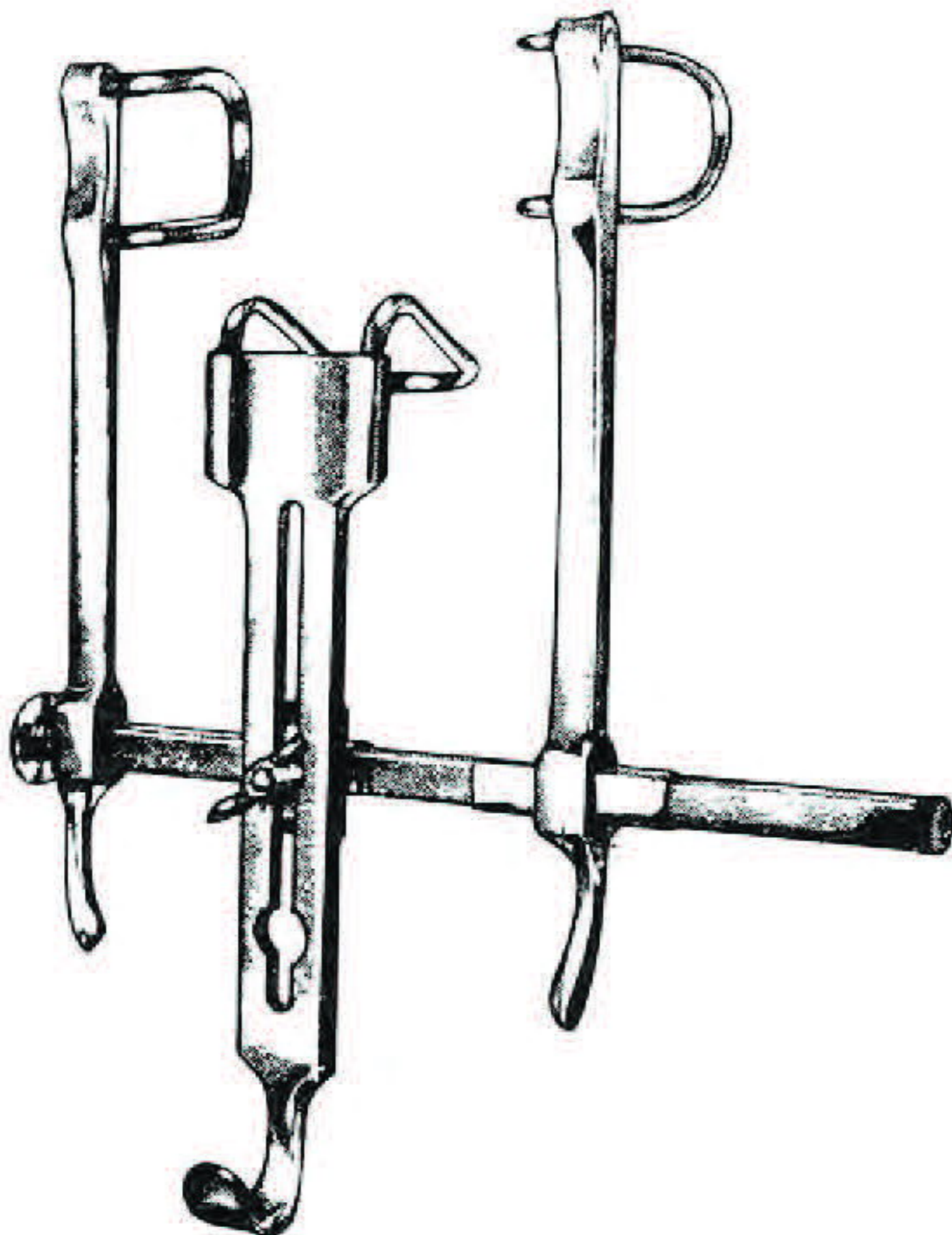
Millin
19-5039-00



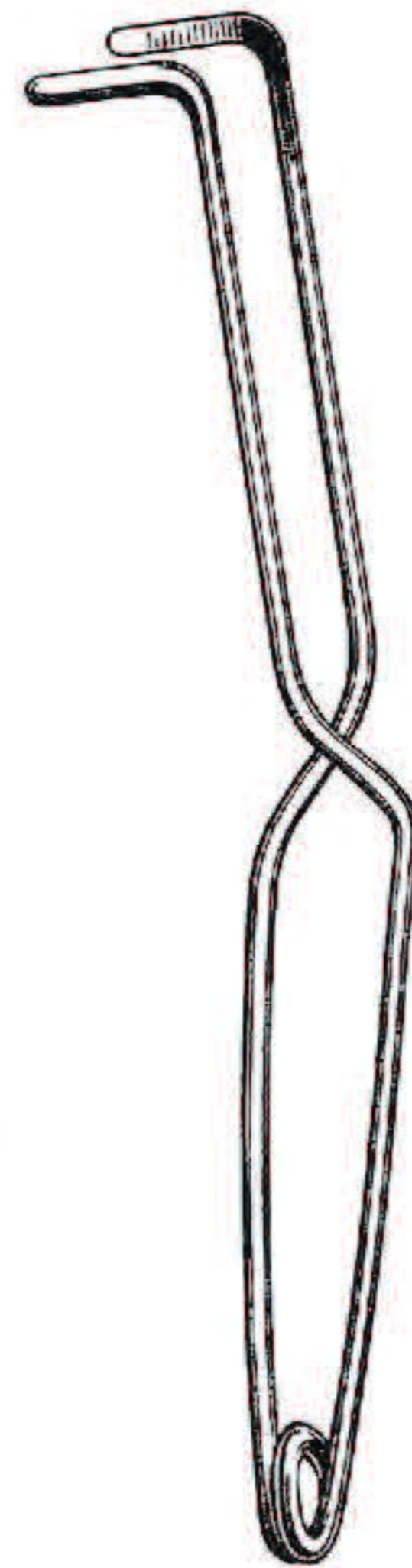
Legueu
19-5040-00



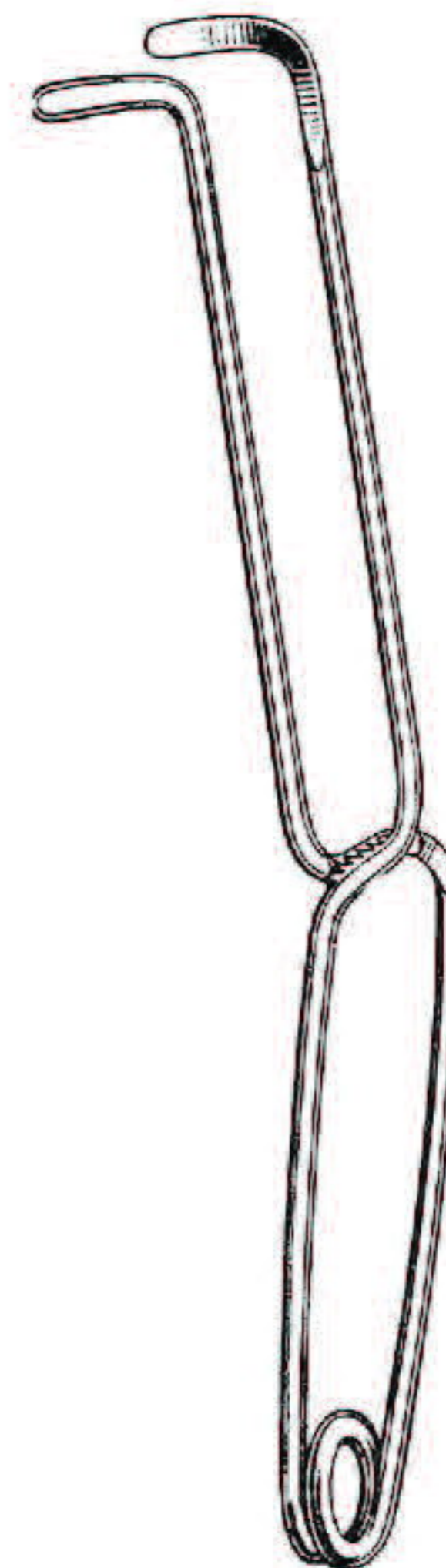
Gosset
19-5041-00



Pantings
19-5042-00



Millin
19-5042-01
24 cm/9½"

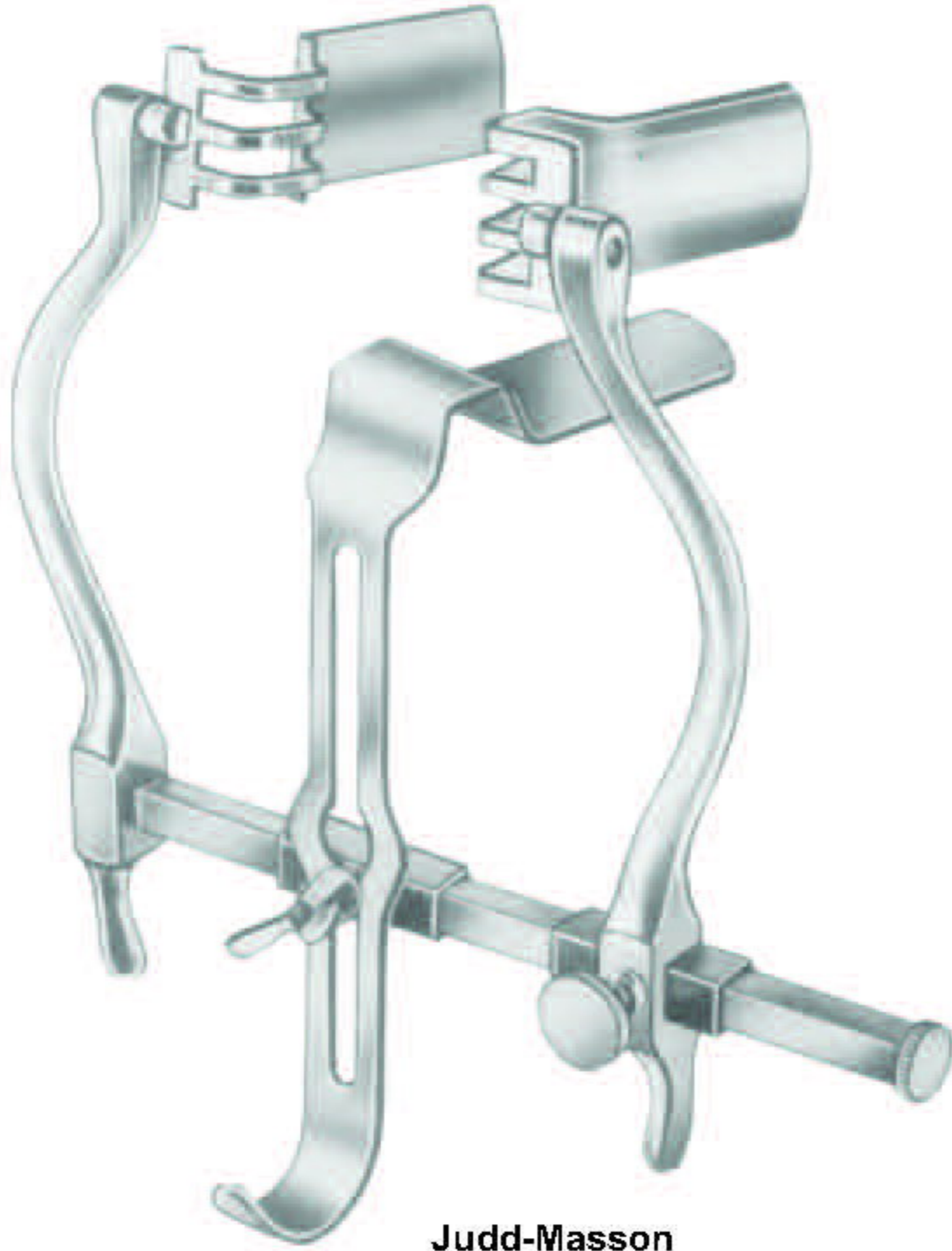


Millin
19-5042-02
24 cm/9½"

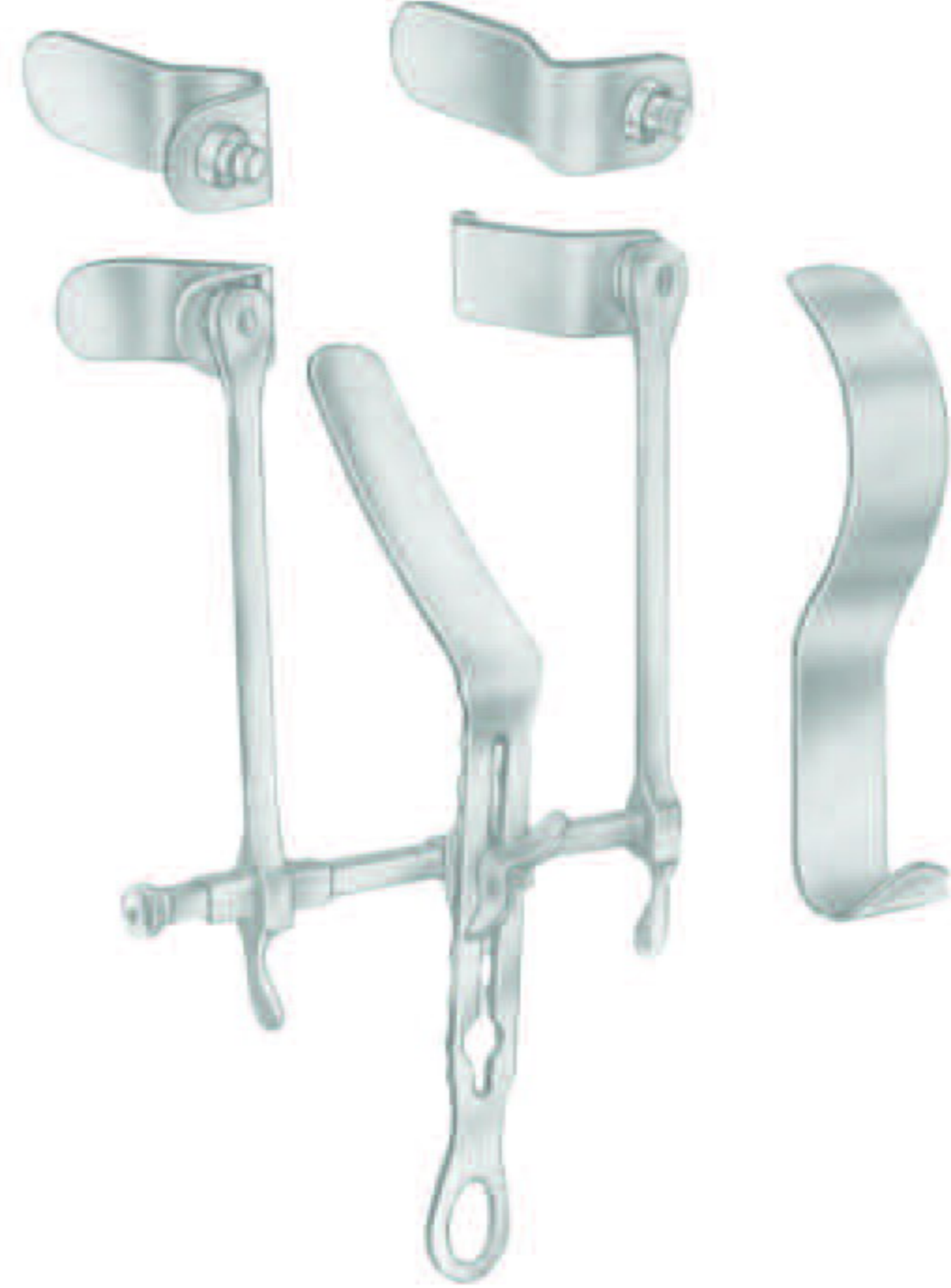


Millin
19-5042-03
24 cm/9½"

Bladder Retractors	EN
Blasen-Wundspreizer	DE
Separadores vesicales	ES
Écarteurs vésicaux	FR
Retrattori della vescica	IT



Judd-Masson
19-5043-00



Thomson-Walker
19-5044-00



35 mm

Legueu
19-5045-27
27 cm/10½"



67 mm

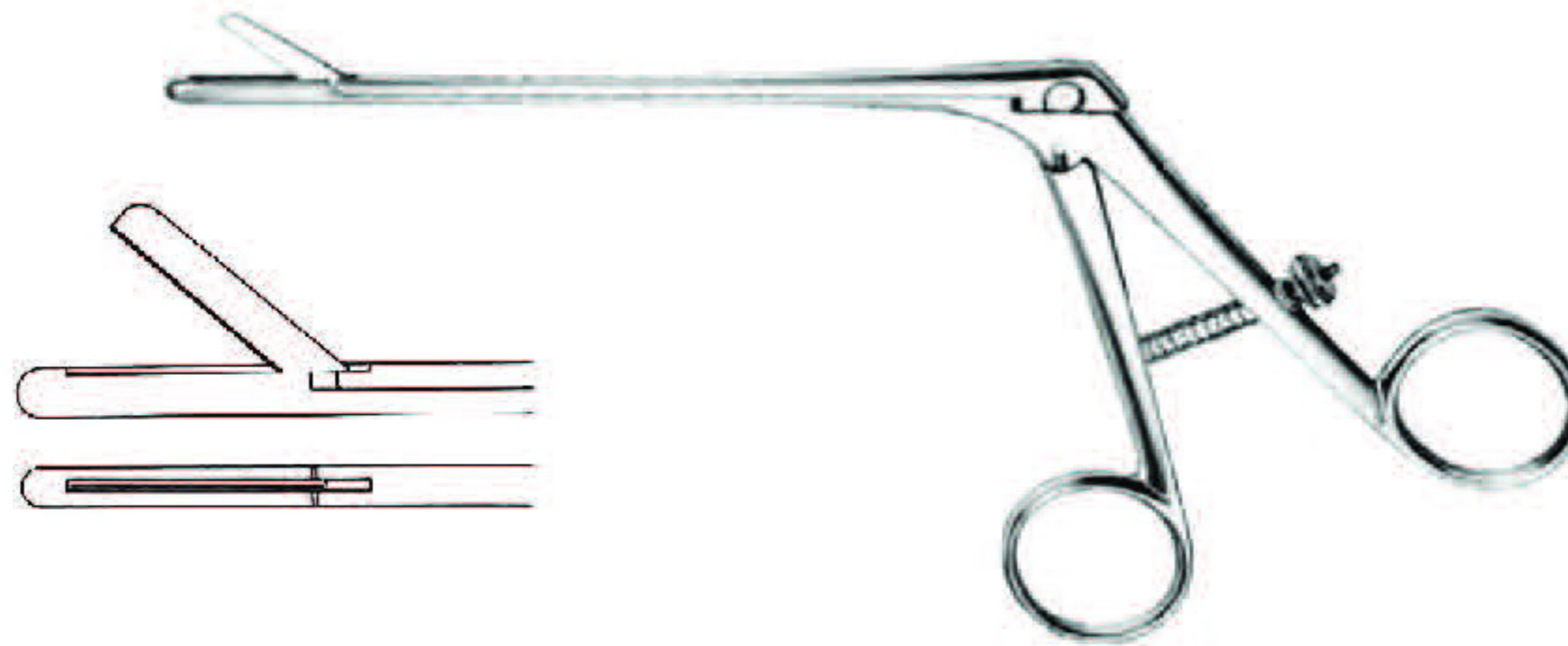
Kocher
19-5045-26
26 cm/10¼"



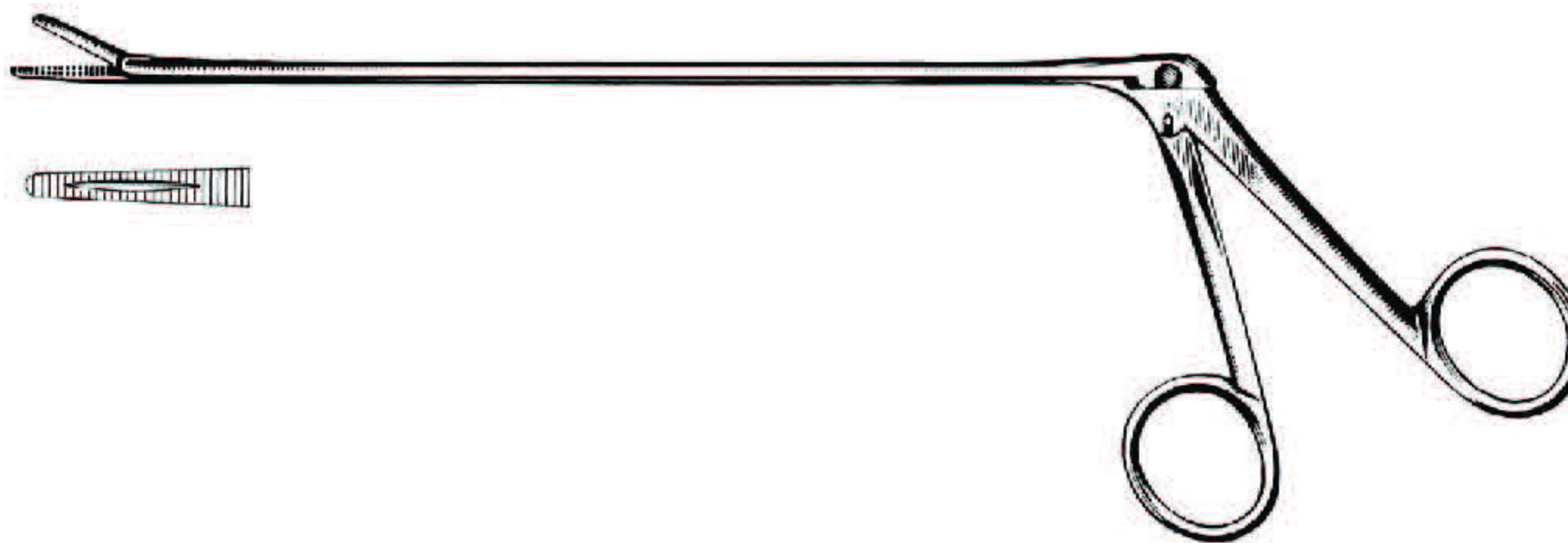
56mm

Kocher
19-5046-26
26 cm/10¼"

EN	Foreign Body Forceps
DE	Fremdkorperzangen
ES	Pinzas p/cuerpos extranos
FR	Pinces corporelles étrangères
IT	Forza per corpo estraneo



SACHSE
19-5047-12



MATHIEU
19-5048-20 20.0cm
19-5048-28 28.0cm



MATHIEU
19-5049-20 20.0cm
19-5049-28 28.0cm

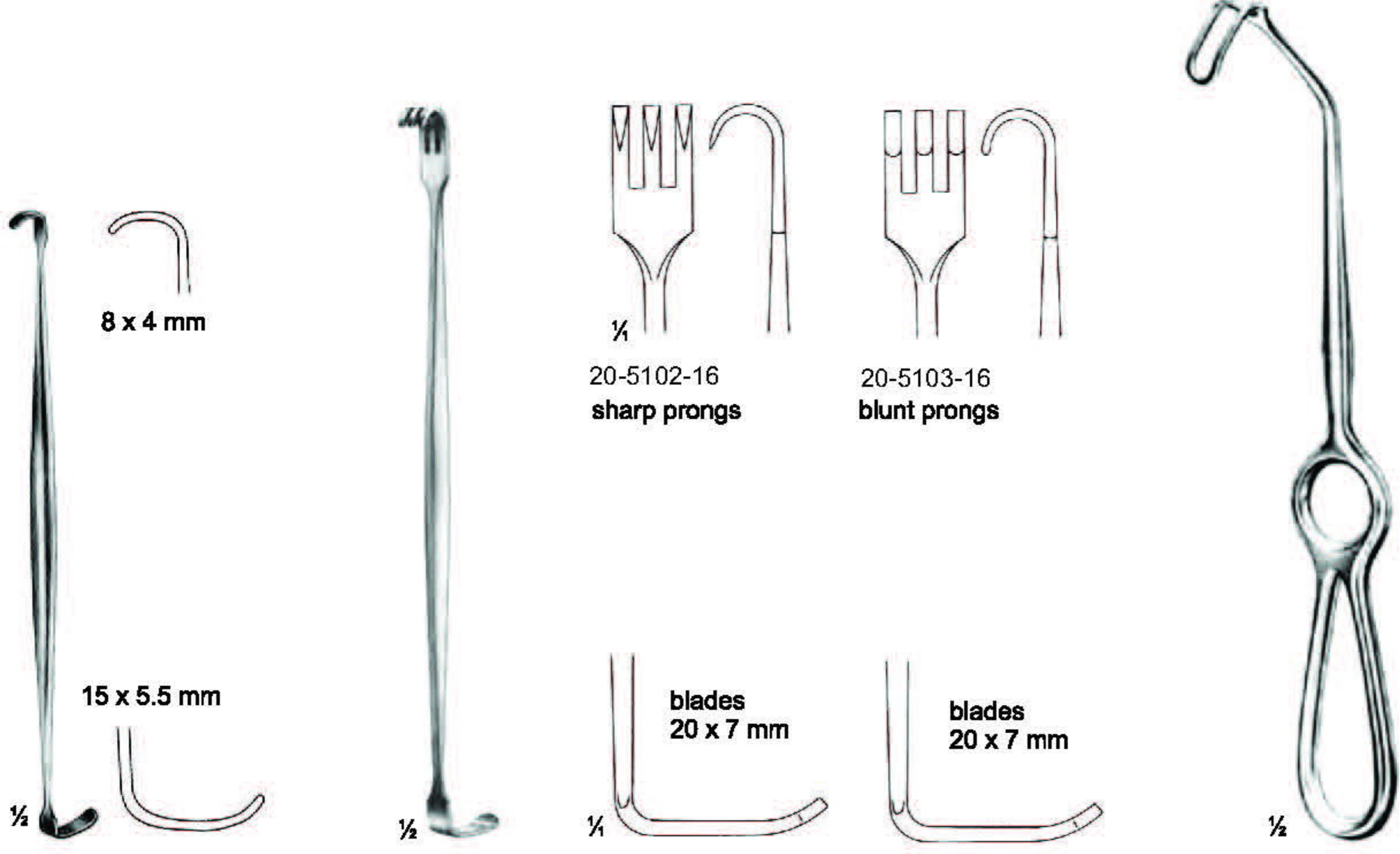
- EN Retractors**
- DE Wundhaken und -sperrer**
- ES Separadores**
- FR Rétracteurs**
- IT Divaricatori**

Page 263 to 300



EN	Retractors
DE	Wundhaken
ES	Separadores
FR	Rétracteurs
IT	Divaricatori

RETRACTORS



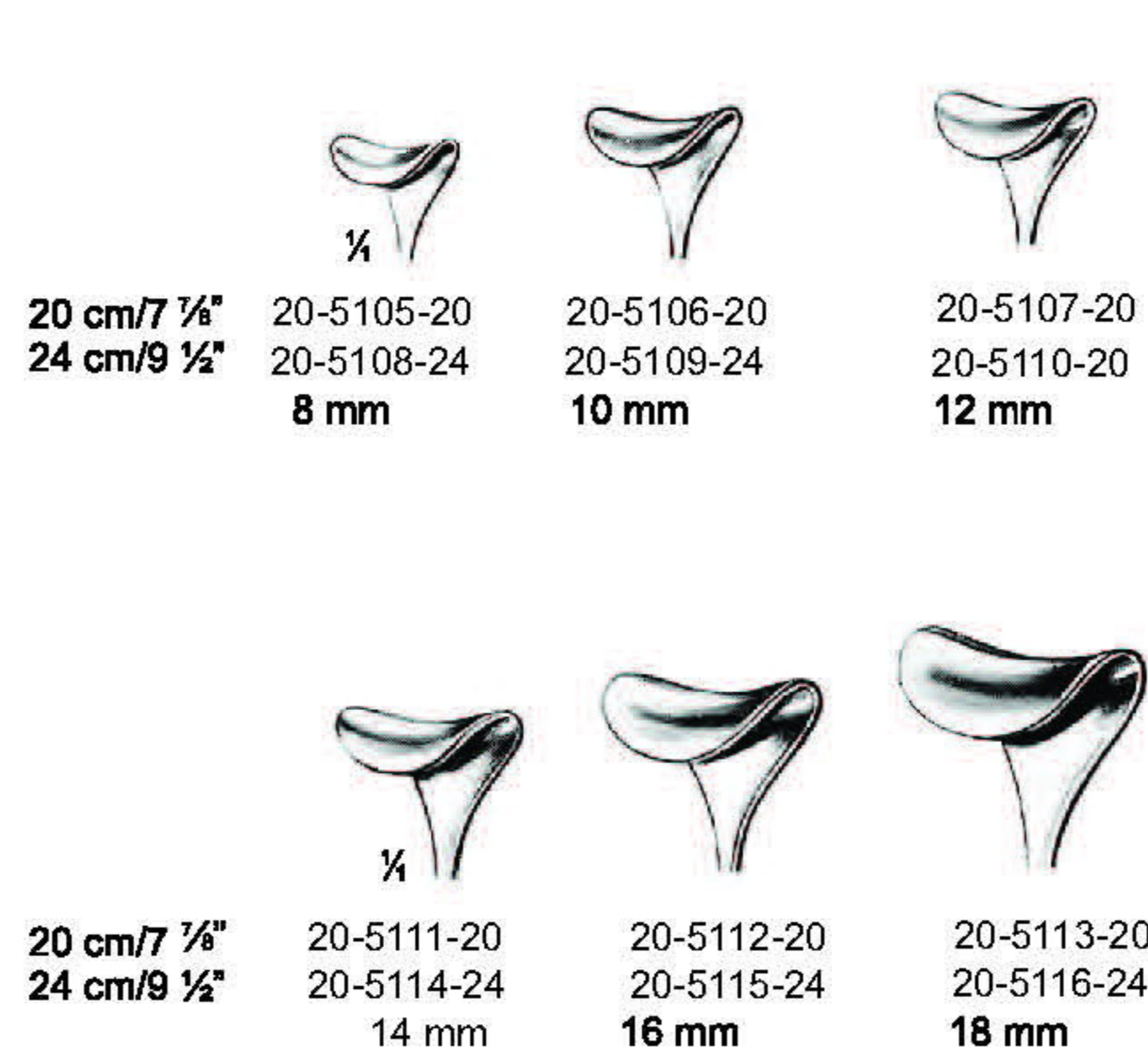
RAGNELL-DAVIS
20-5101-14
14 cm/5 1/2"

SENN-MILLER
16 cm/6 1/4"

CUSHING
20-5104-20
20 cm/7 1/8"

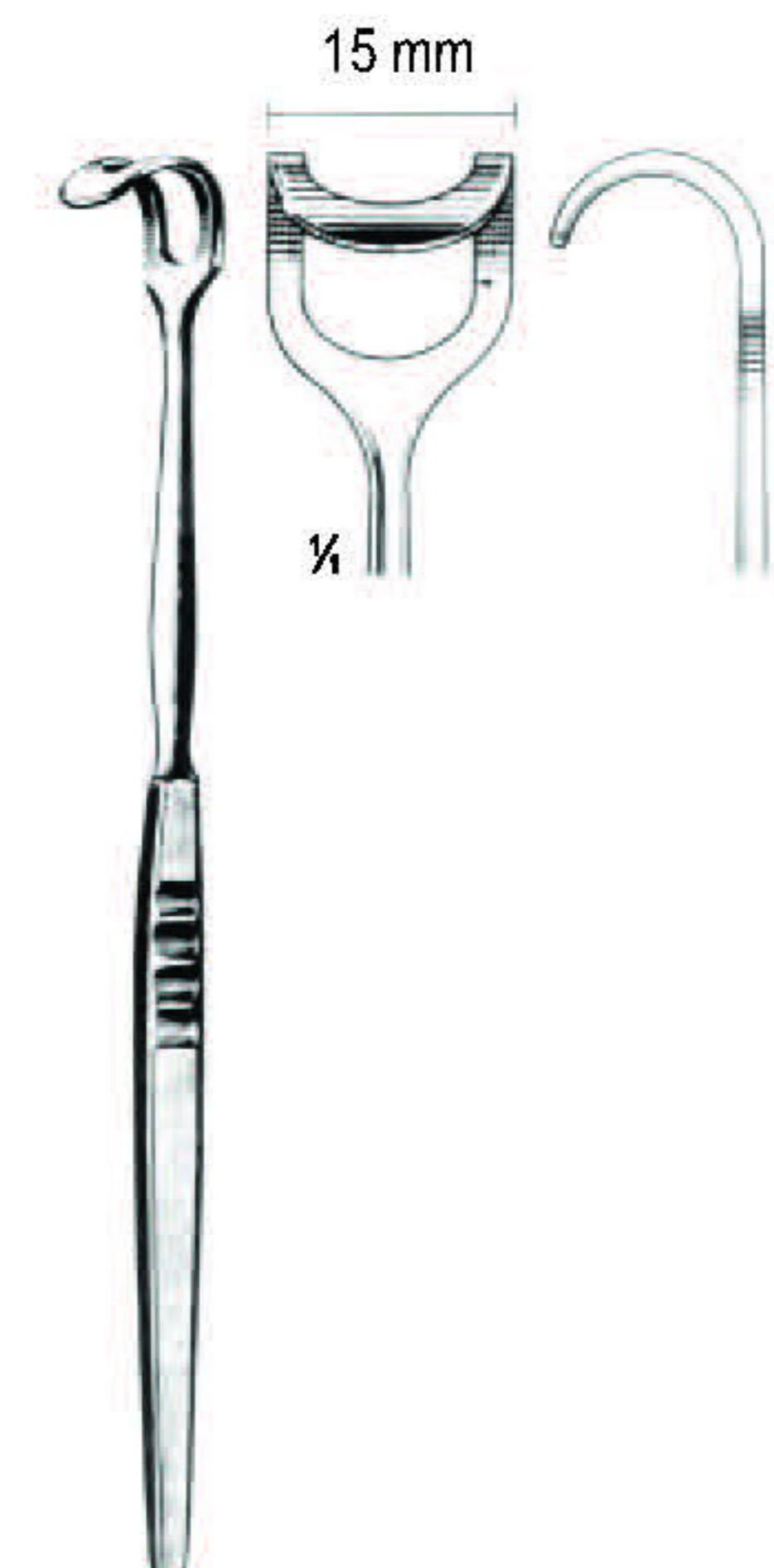


CUSHING

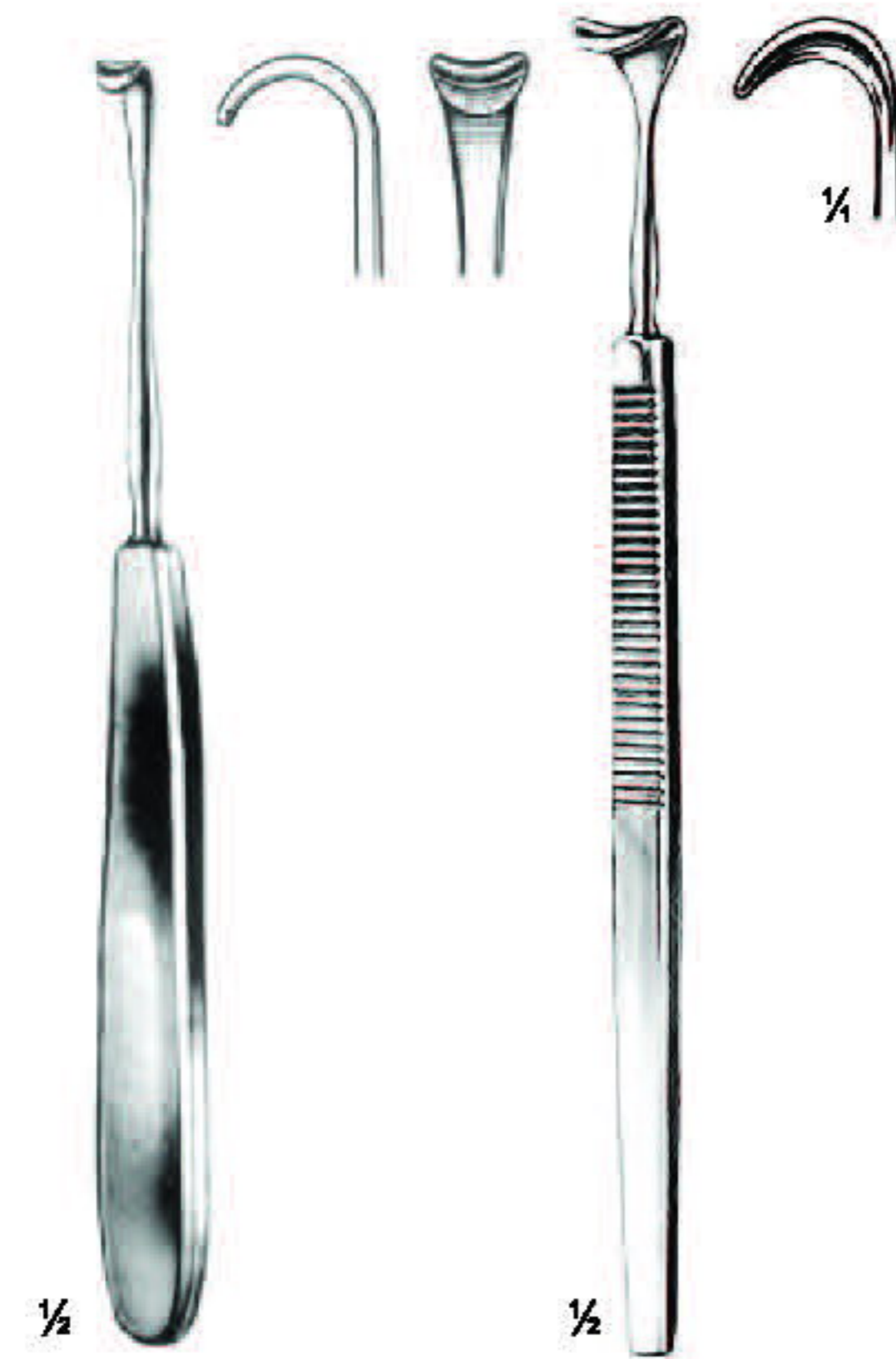


20 cm/7 1/8"
24 cm/9 1/2"

20 cm/7 1/8"
24 cm/9 1/2"



HANDTE
20-5117-17
17 cm/6 3/4"



DESMARRES
 20-5118-16
 16 cm/6 1/4"

DESMARRES
 16 cm/6 1/4"



20-5119-16
 8 mm



20-5120-16
 10 mm



20-5121-16
 12 mm



20-5122-16
 14 mm



20-5123-16
 16 mm



20-5124-16
 18 mm



16 cm/6 1/4"



20-5125-16
 12 mm



20-5126-16
 14 mm



20-5127-16
 16 mm



20-5128-16
 18 mm



MINI-LANGENBECK
 16 cm/6 1/4"



20-5129-16
 10 x 6 mm



20-5130-16
 17 x 5 mm



20-5131-16
 20 x 6 mm



20-5132-16
 22 x 8 mm



MINI-LANGENBECK
 20-5133-16
 16 cm/6 1/4"



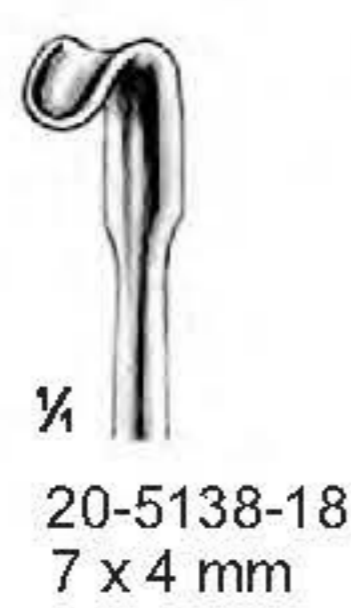
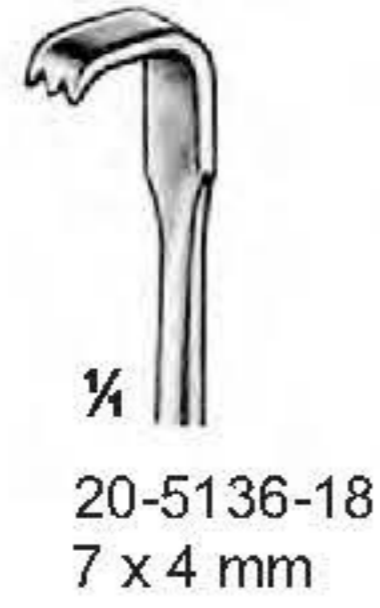
14 x 8 mm
 blunt

EN	Retractors
DE	Wundhaken
ES	Separadores
FR	Rétracteurs
IT	Divaricatori

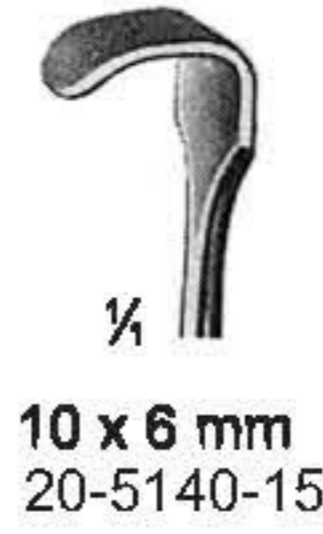
RETRACTORS



MEYERDING
18 cm/7 1/8"



SENN-GREEN
15 cm/5 7/8"



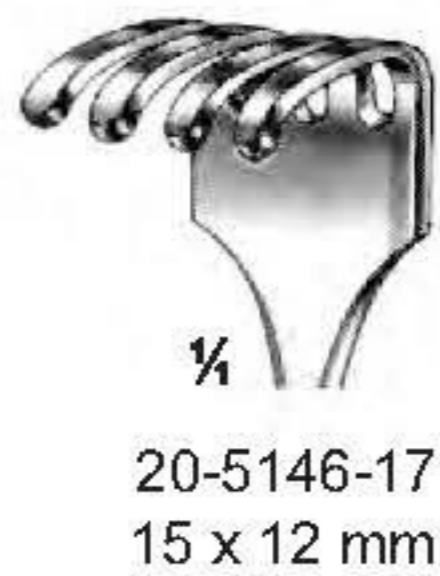
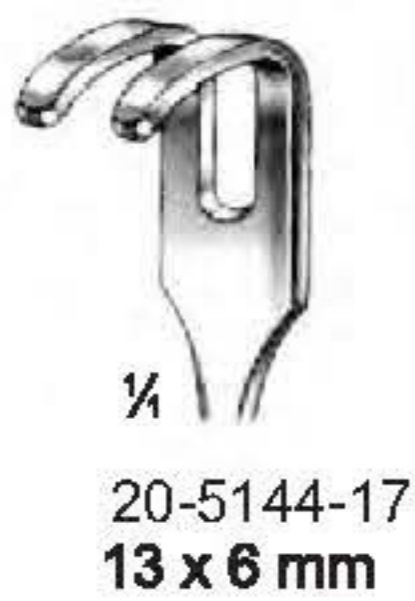
LAHEY
20-5142-19
19 cm/7 1/2"



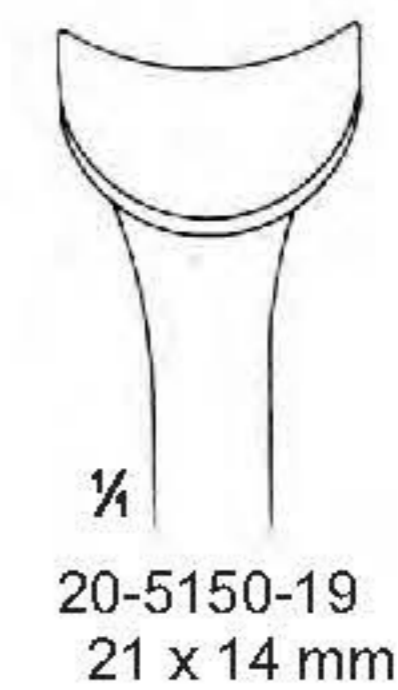
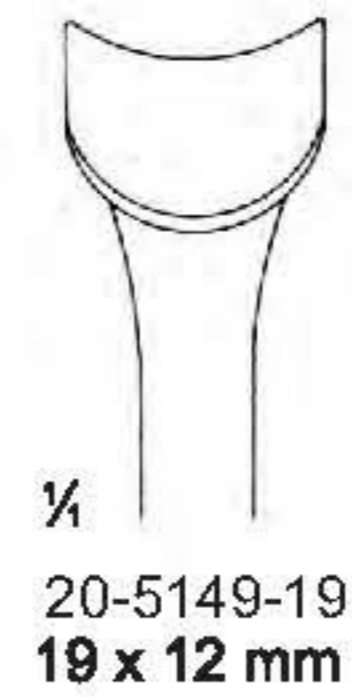
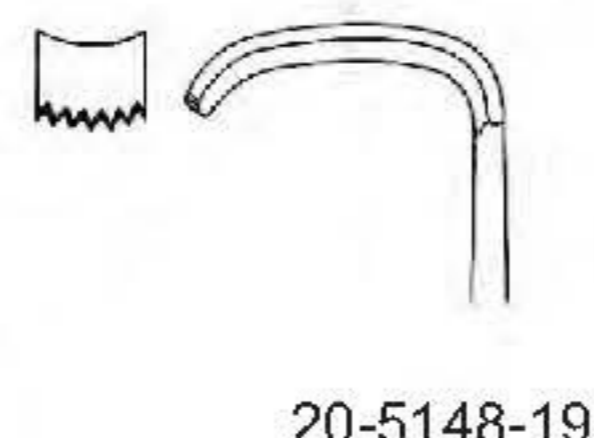
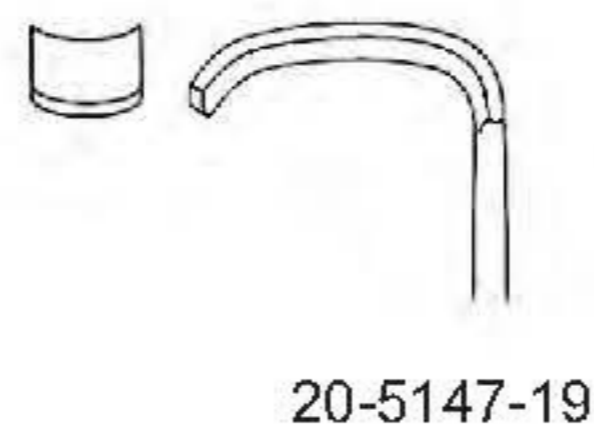
LITTLE
20-5143-20
20 cm/7 7/8"



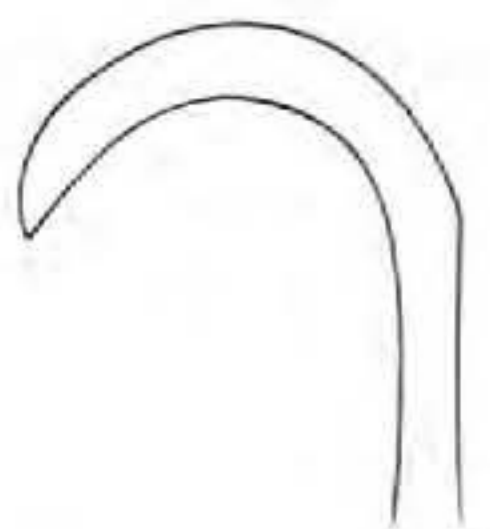
KLAPP
17.5 cm/6 7/8"



STRANDELL-STILLE
19 cm/7 1/2"

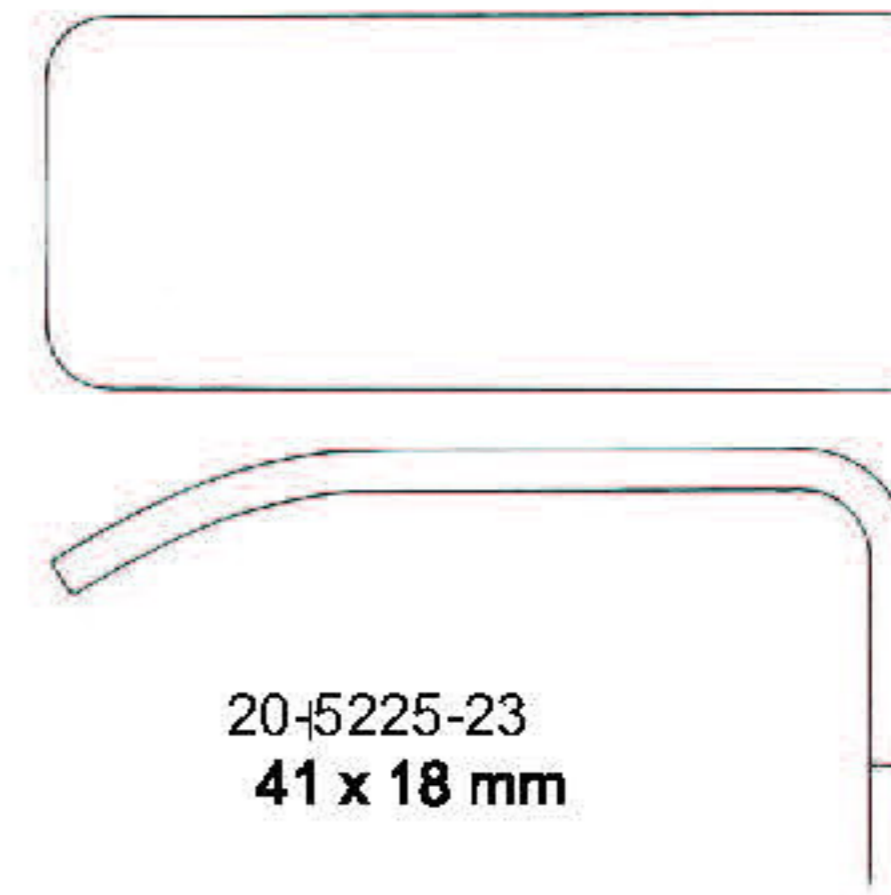


KOCHER
19 cm/7 1/2"

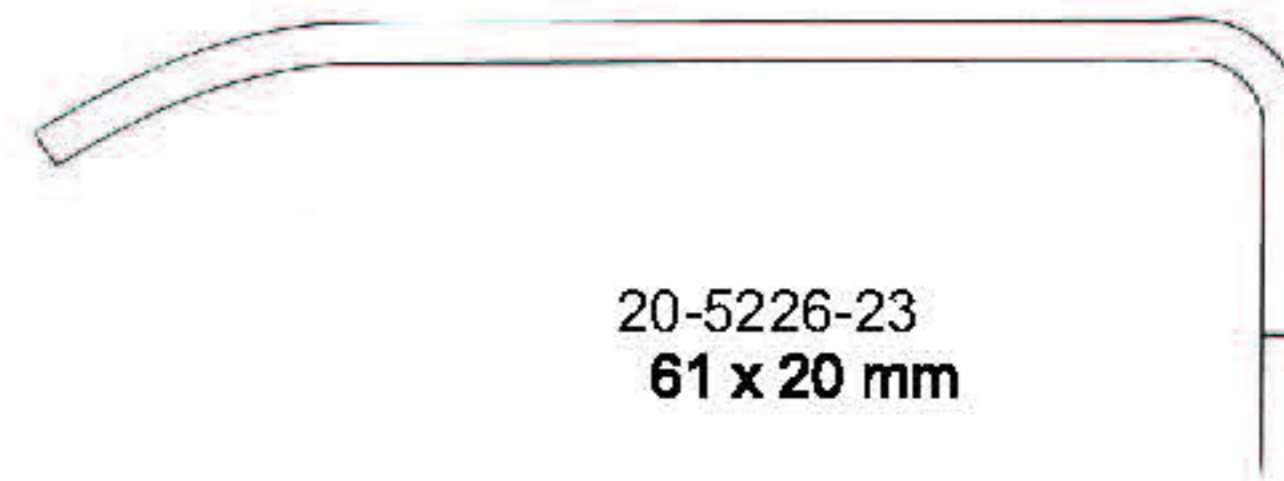




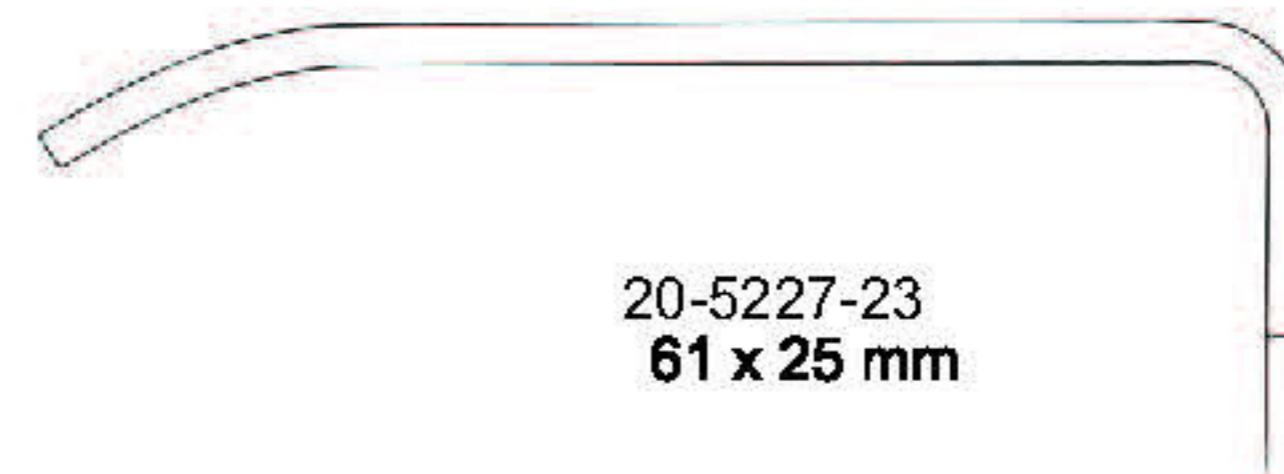
KOCHER
 23 cm/9"



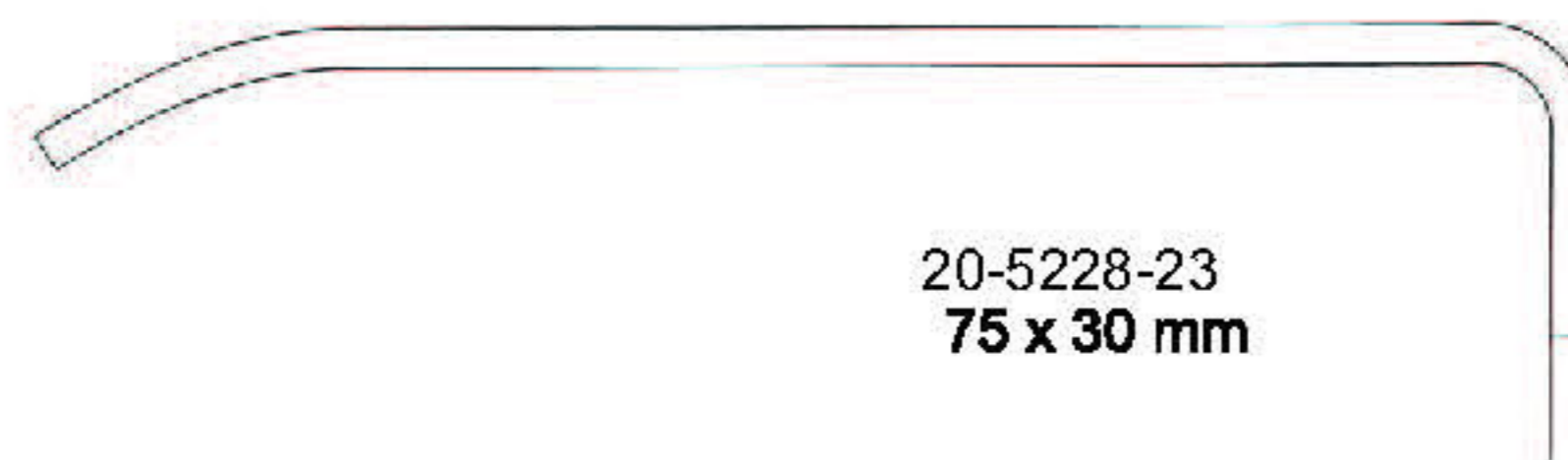
20-5225-23
 41 x 18 mm



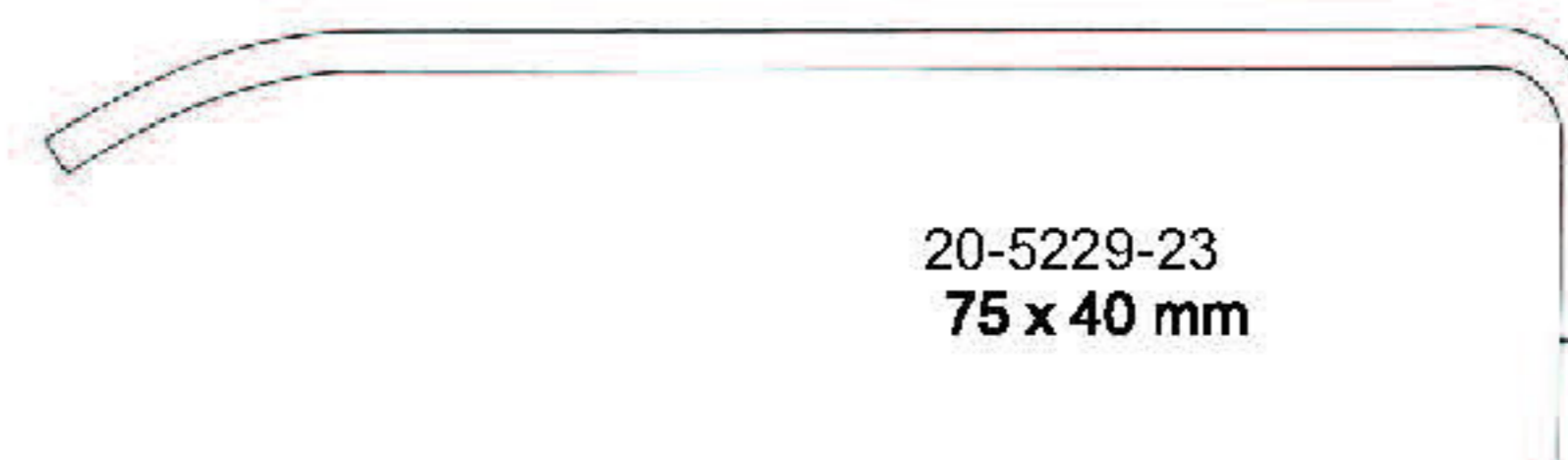
20-5226-23
 61 x 20 mm



20-5227-23
 61 x 25 mm



20-5228-23
 75 x 30 mm

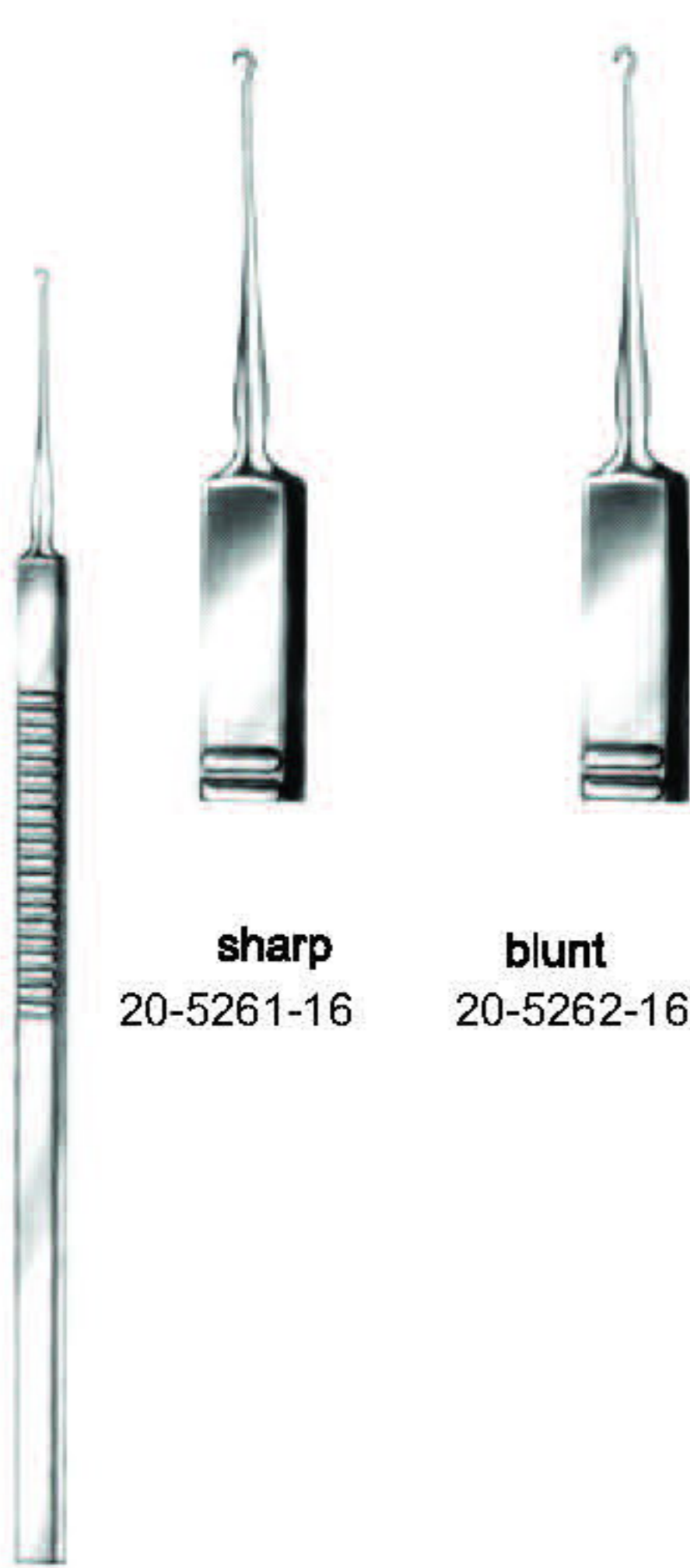


20-5229-23
 75 x 40 mm

¼

EN	Retractors
DE	Wundhaken
ES	Separadores
FR	Rétracteurs
IT	Divaricatori

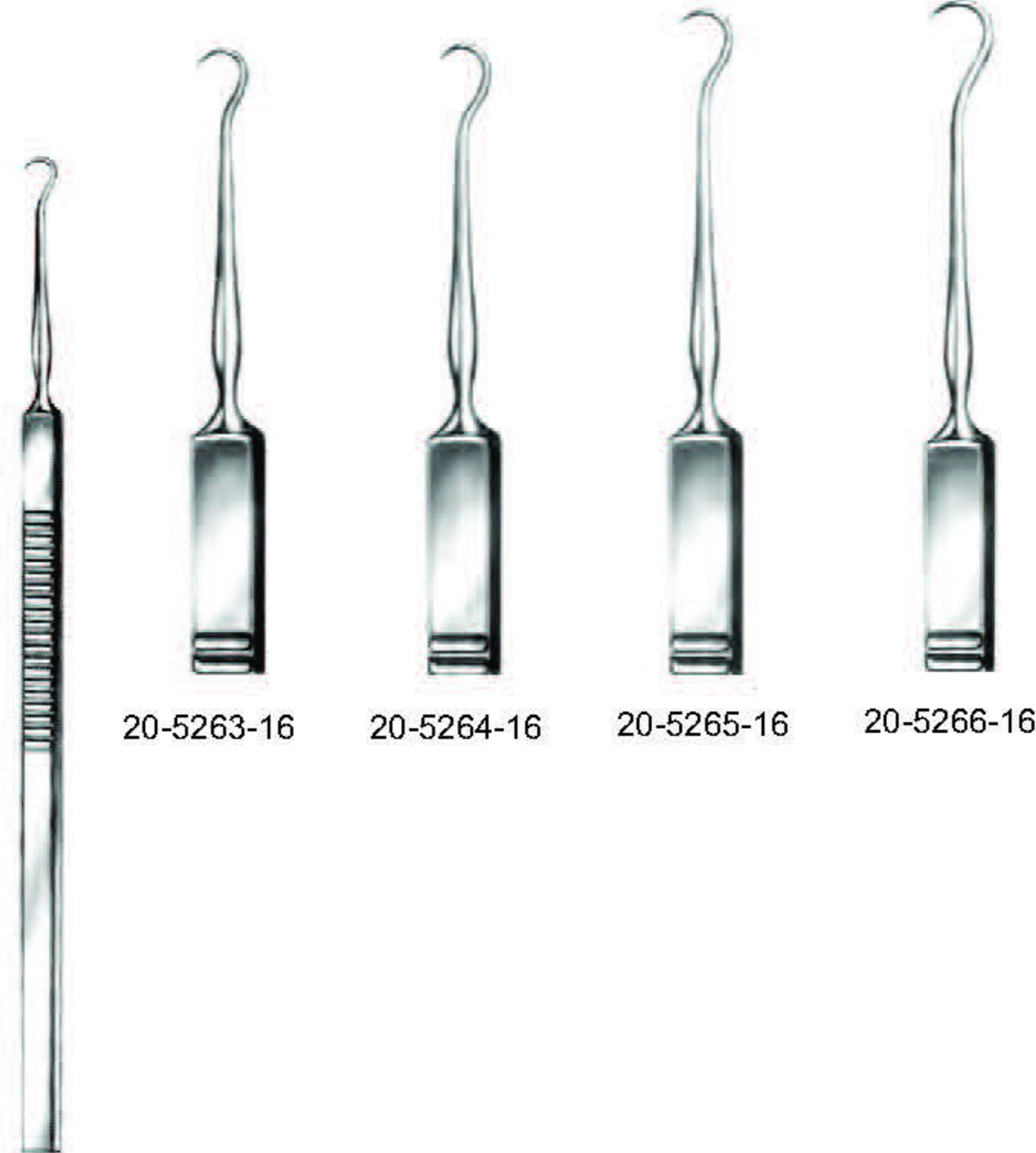
RETRACTORS



sharp
20-5261-16

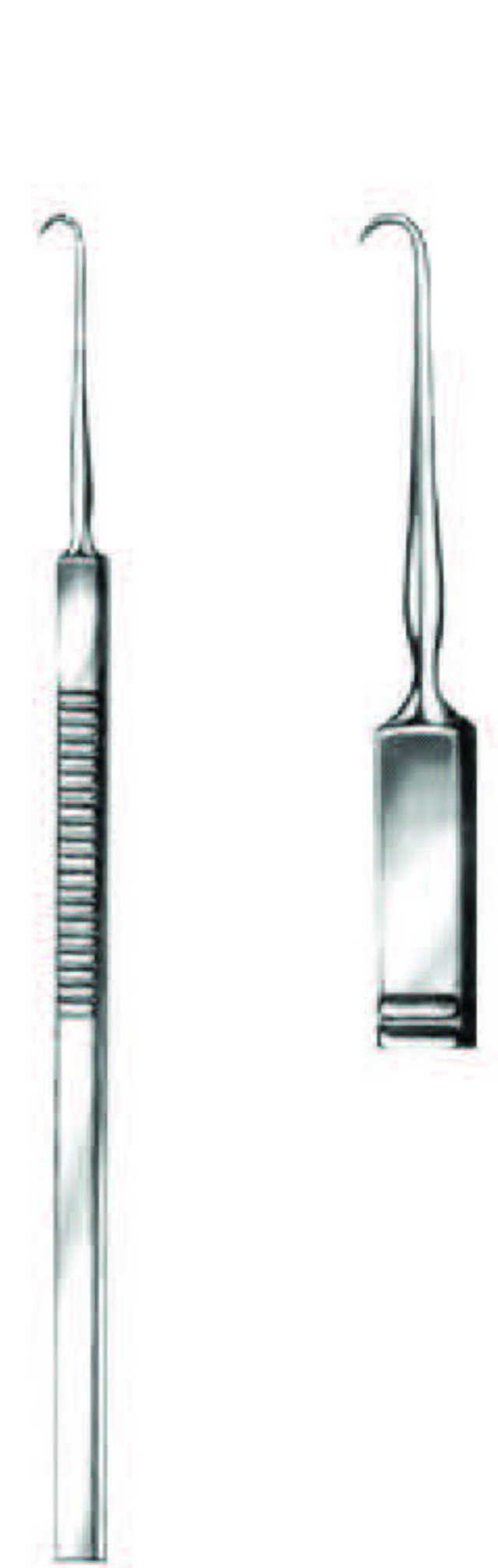
blunt
20-5262-16

GRAEFE
16 cm/6 1/4"

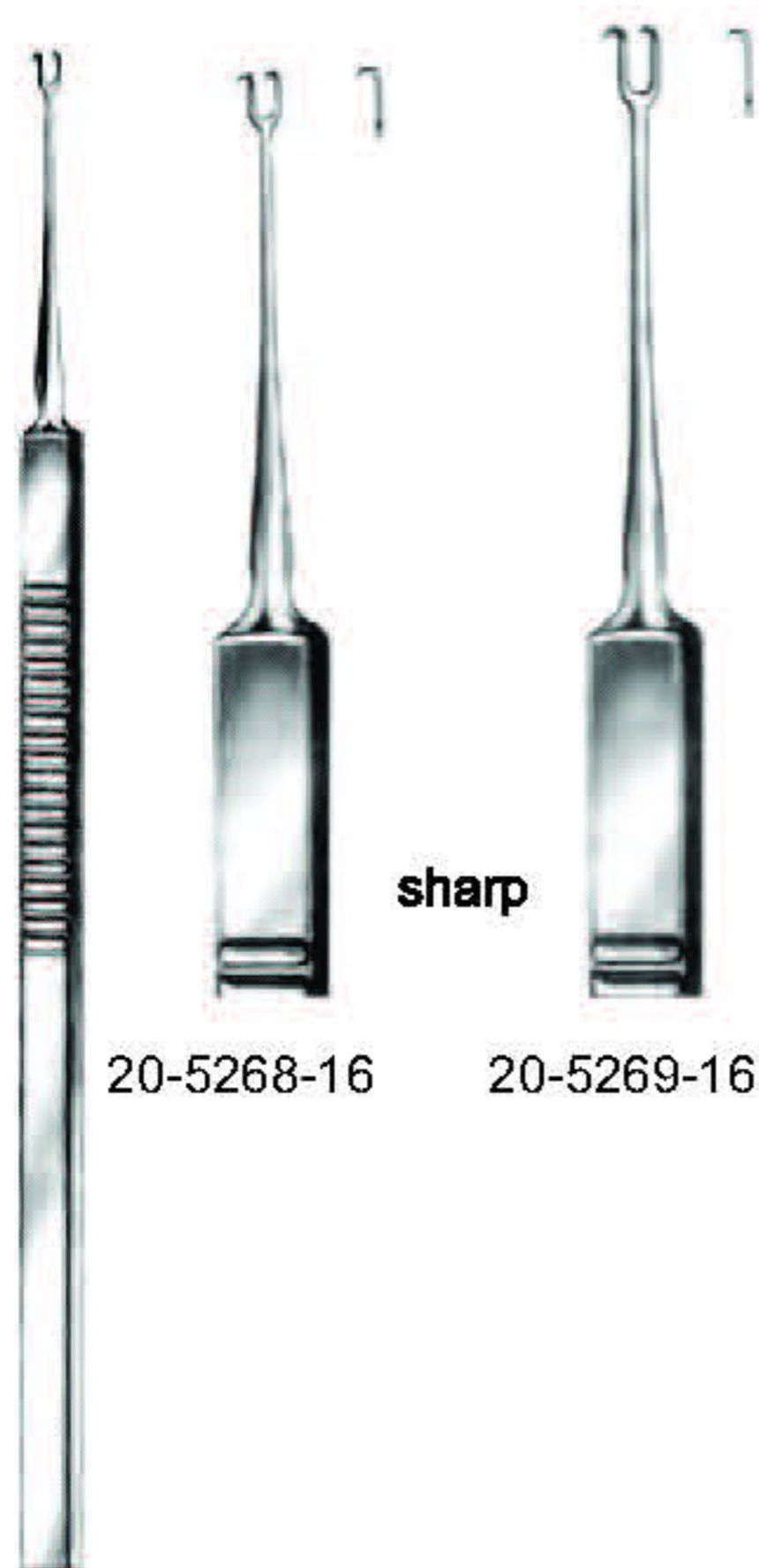


20-5263-16 20-5264-16 20-5265-16 20-5266-16

GRAEFE
16 cm/6 1/4"

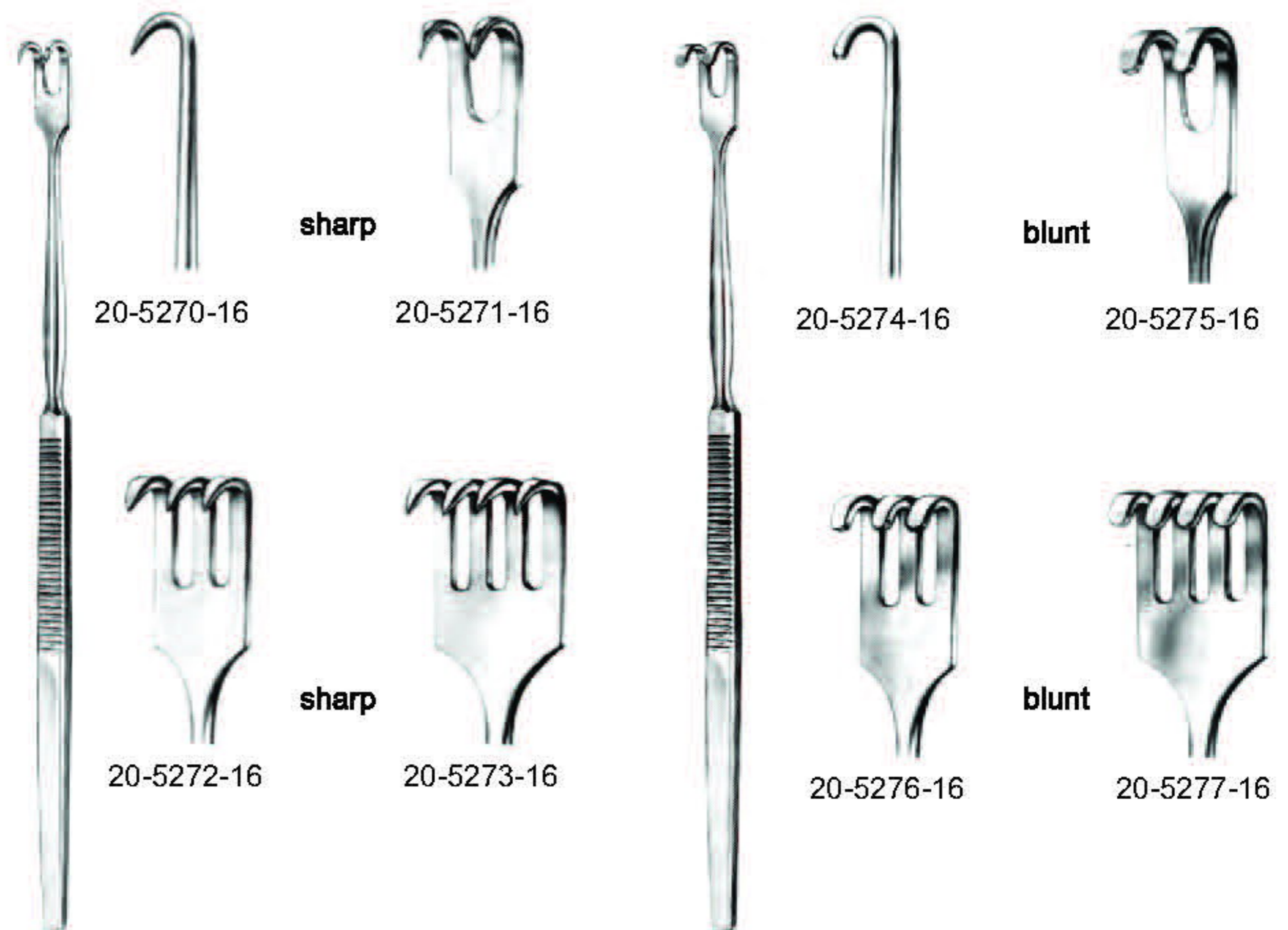


O'CONNOR
20-5267-16
16 cm/6 1/4"



sharp
20-5268-16 20-5269-16

GUTHRIE
16 cm/6 1/4"



sharp
20-5270-16 20-5271-16 20-5274-16 **blunt**
20-5275-16

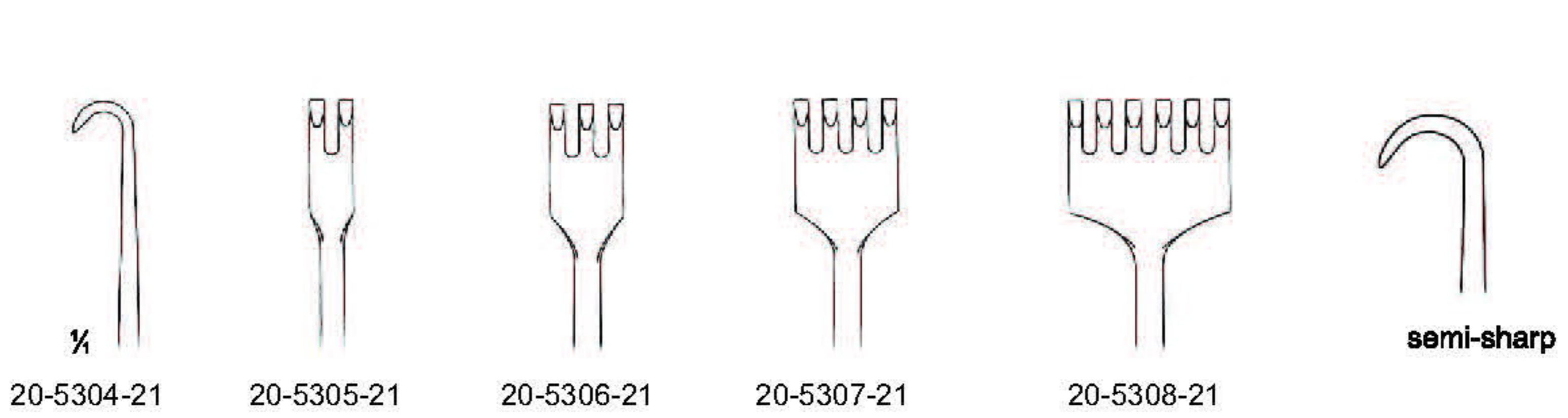
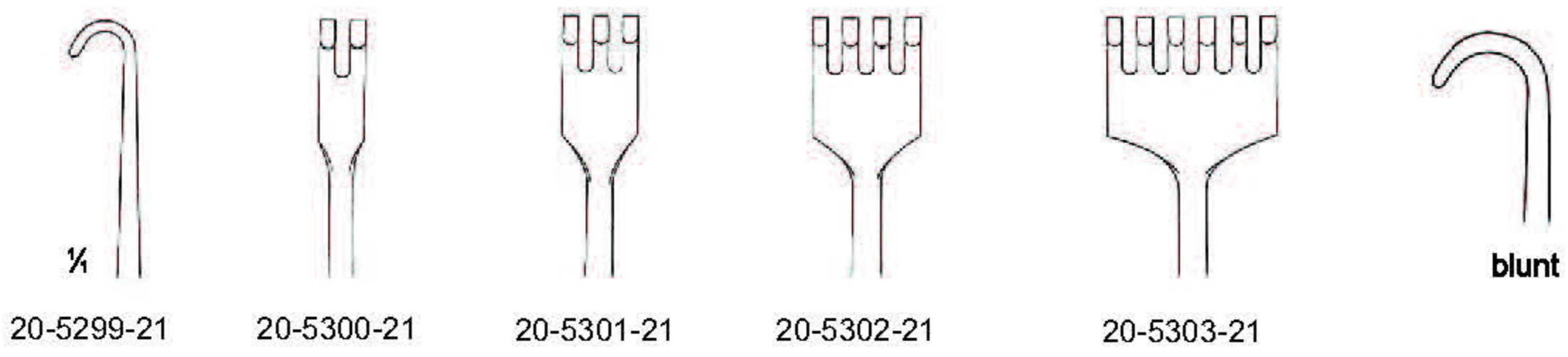
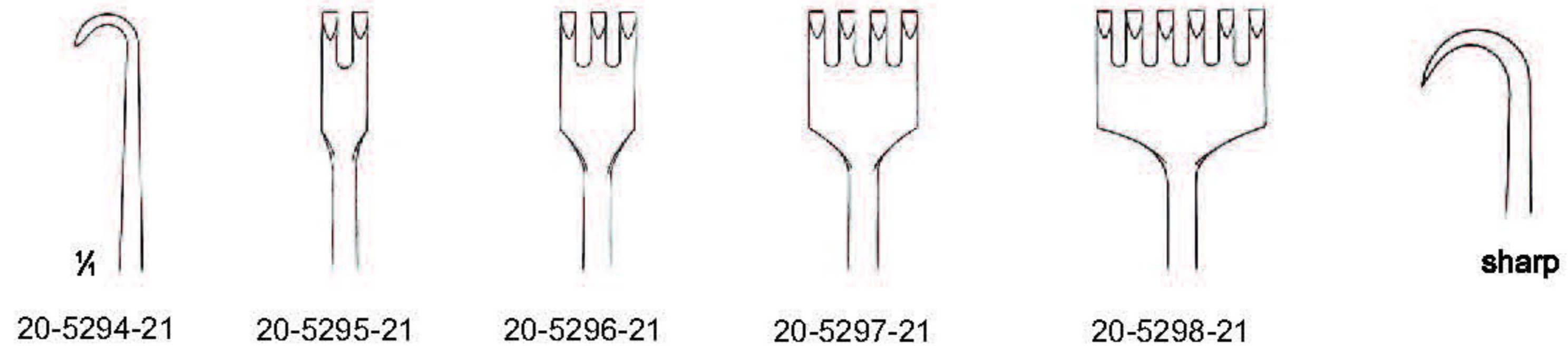
sharp
20-5272-16 20-5273-16 20-5276-16 **blunt**
20-5277-16

KEHLENGRIFF
16 cm/6 1/4"

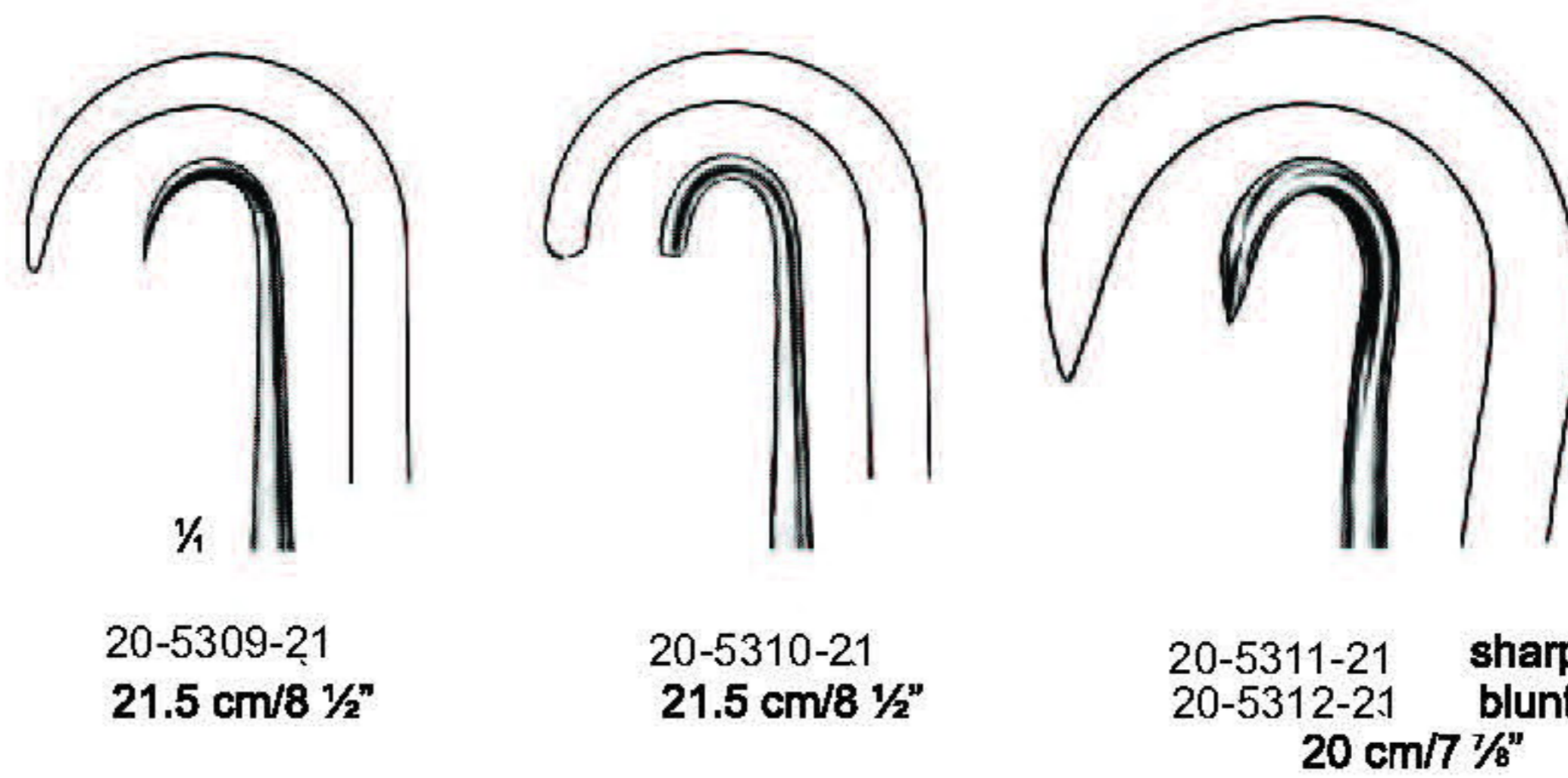
KEHLENGRIFF
16 cm/6 1/4"

Measurements of retractors: Depth x Width

Retractors	EN
Wundhaken	DE
Separadores	ES
Rétracteurs	FR
Divaricatori	IT



VOLKMANN
 21.5 cm/8 ½"



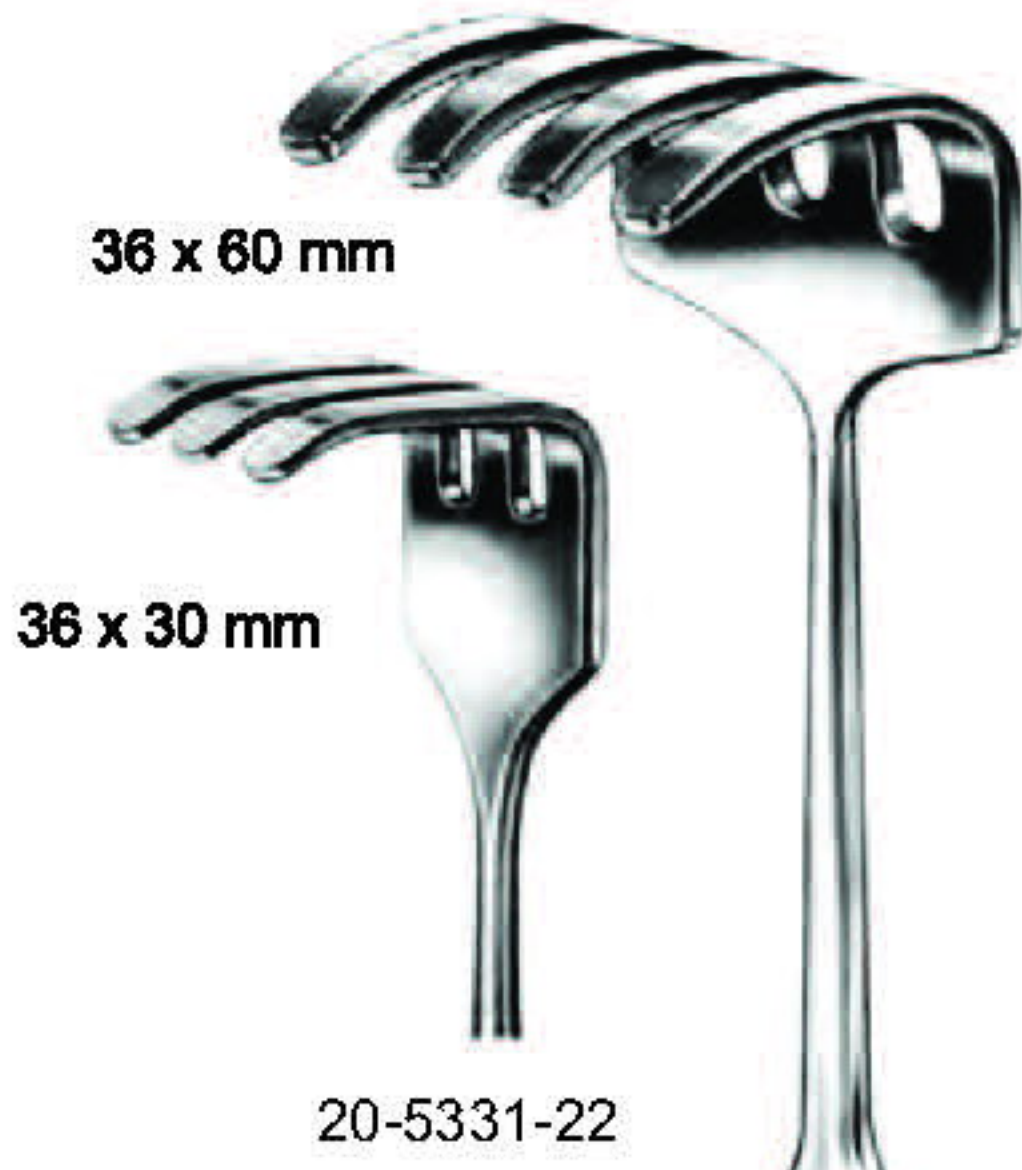
Measurements of retractors: Depth x Width

EN	Retractors
DE	Wundhaken
ES	Separadores
FR	Rétracteurs
IT	Divaricatori

RETRACTORS



KOCHER
22 cm/8 1/2"



OLLIER
20-5332-22
22.5 cm/8 3/4"

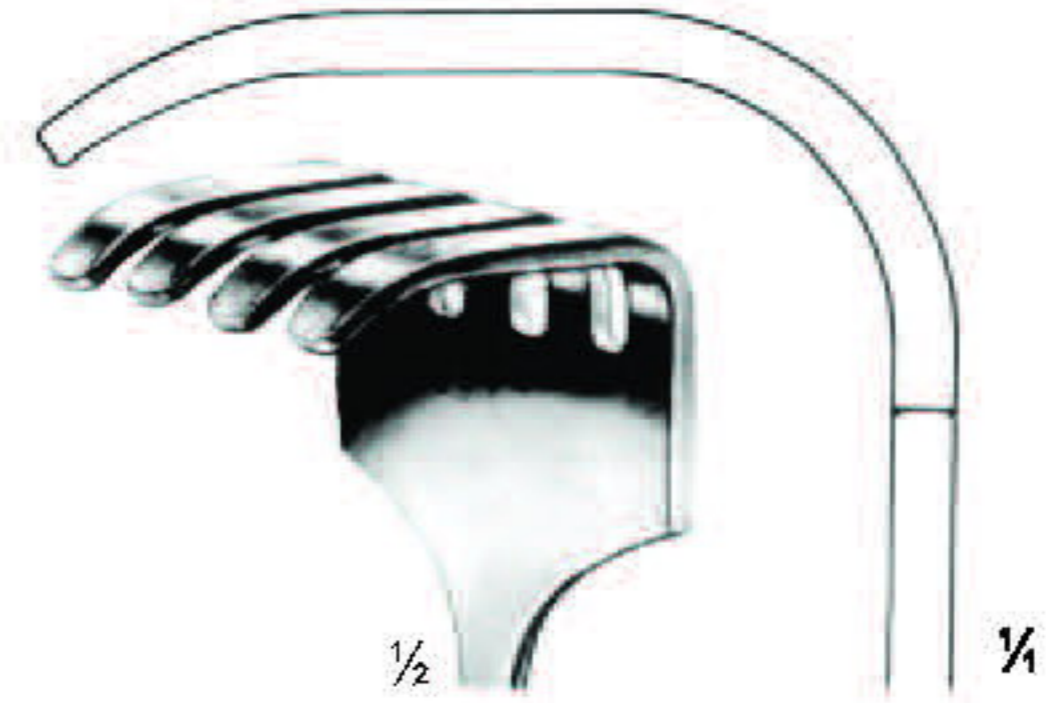


WASSMUND
20-5333-20
20 cm/7 1/8"

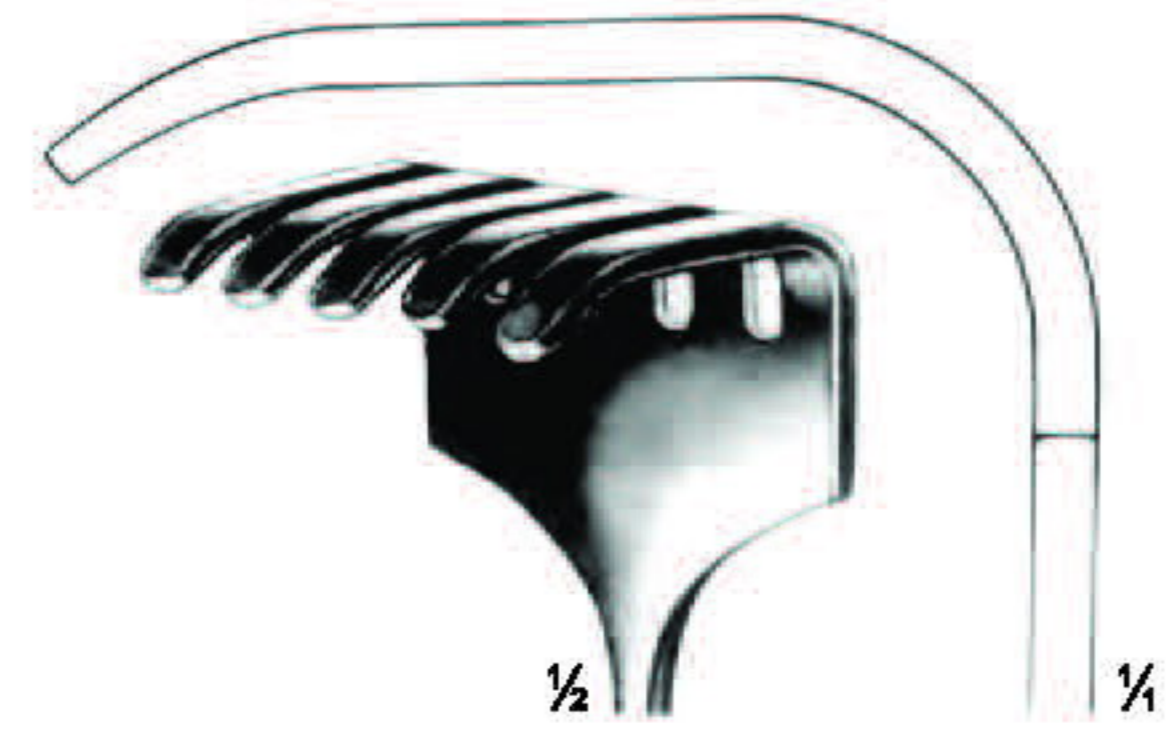
Measurements of retractors: Depth x Width



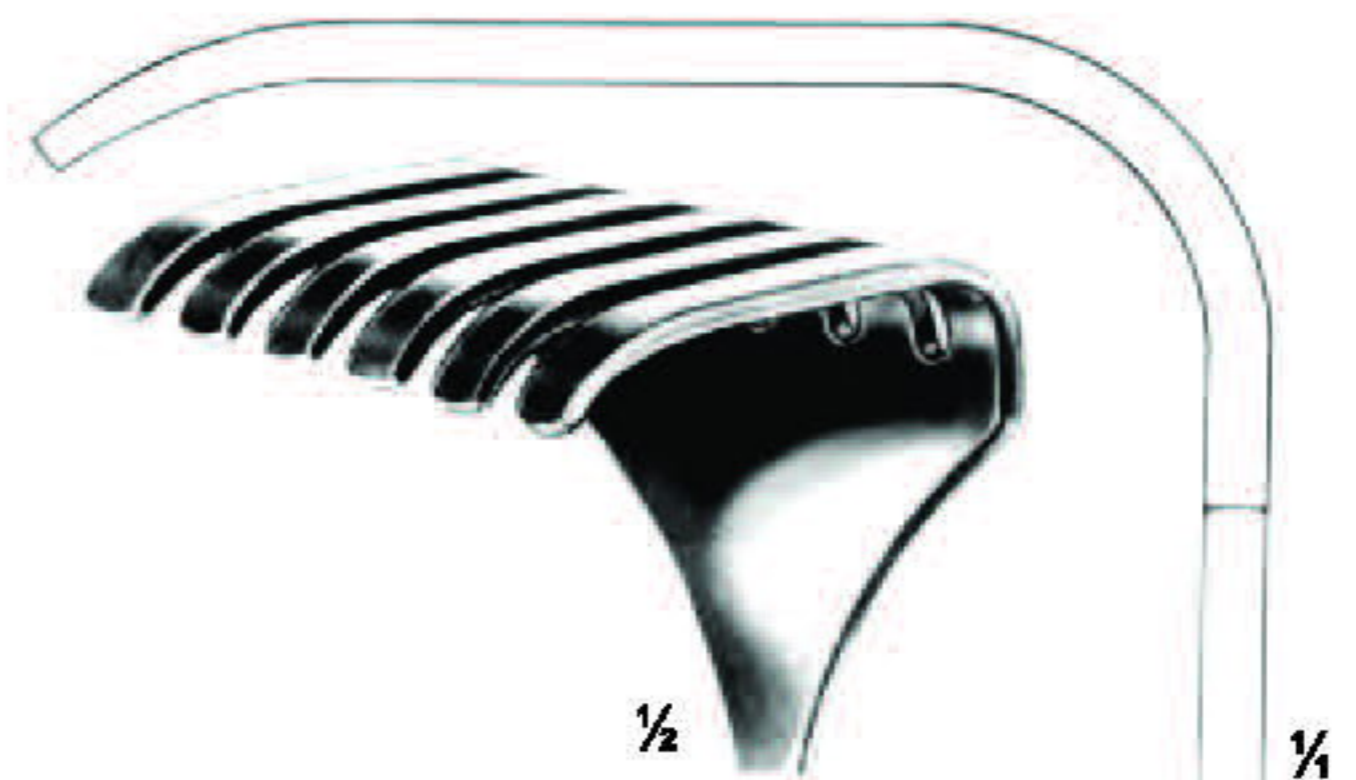
20-5334-27
 27 cm/10 1/2"



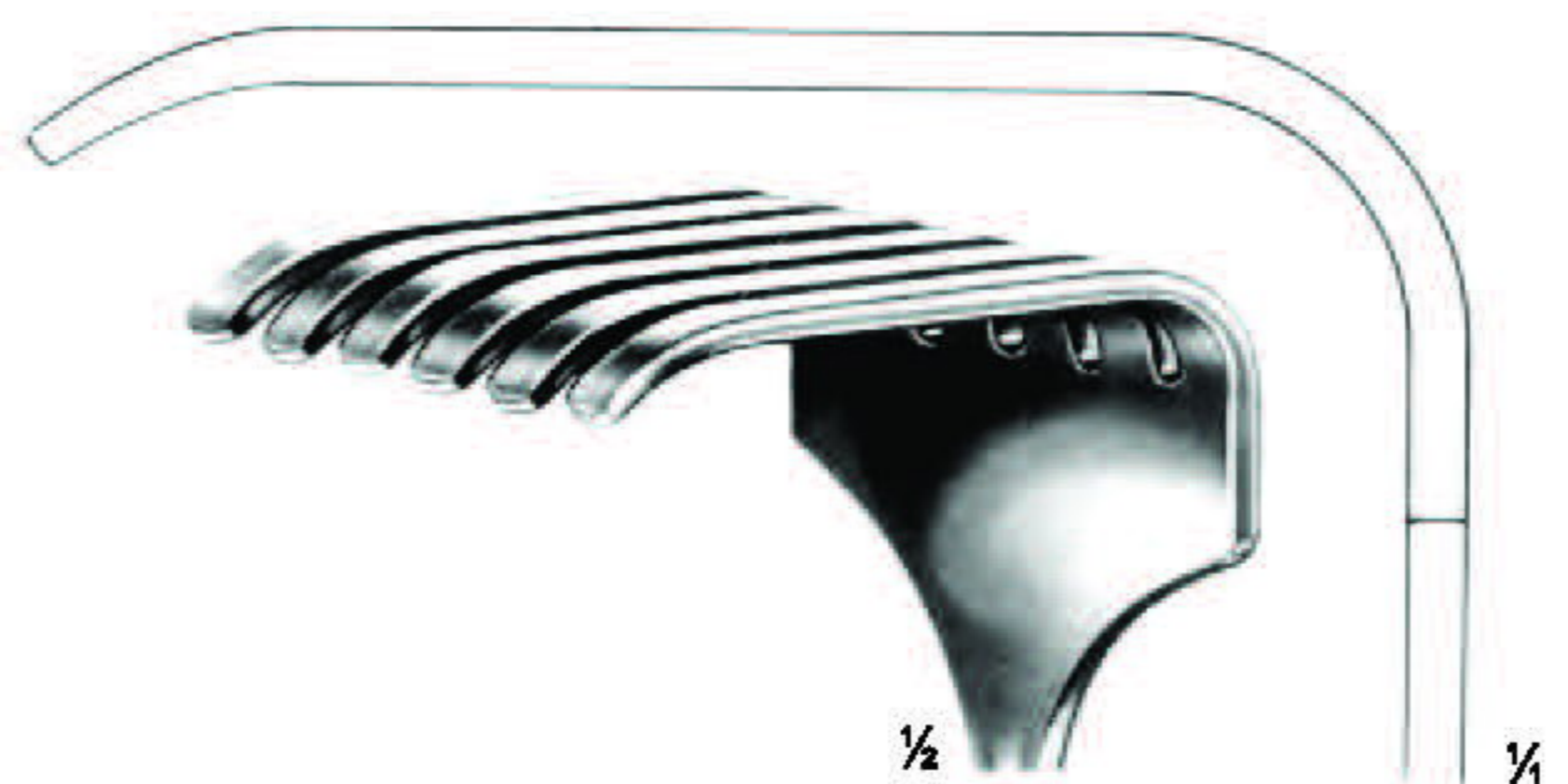
20-5335-25
 40 x 40 mm



20-5336-25
 45 x 50 mm



20-5337-25
 50 x 60 mm



20-5338-25
 70 x 70 mm



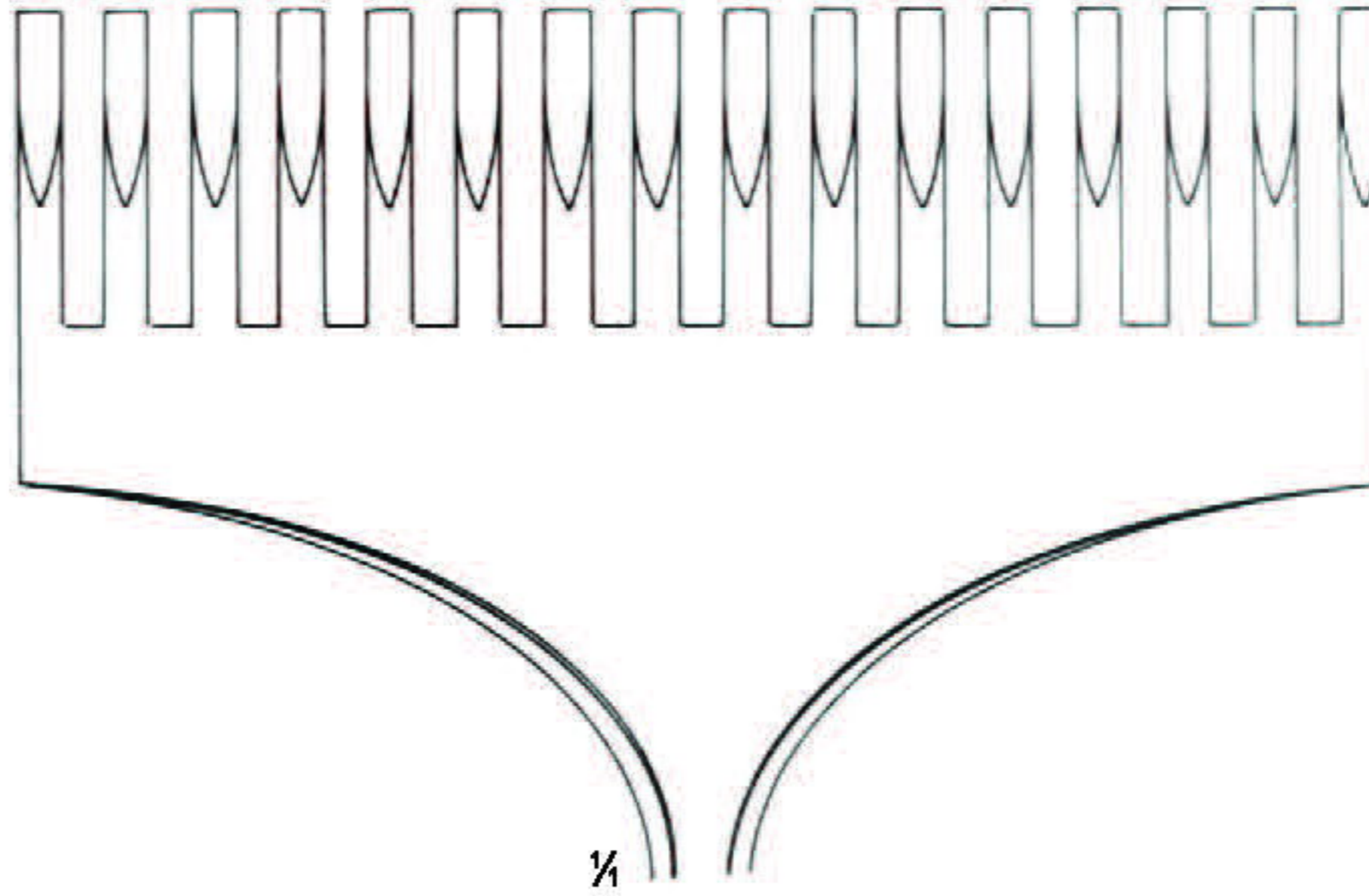
ISRAEL
 25 cm/9 1/2"

Measurements of retractors: Depth x Width

EN	Retractors
DE	Wundhaken
ES	Separadores
FR	Rétracteurs
IT	Divaricatori

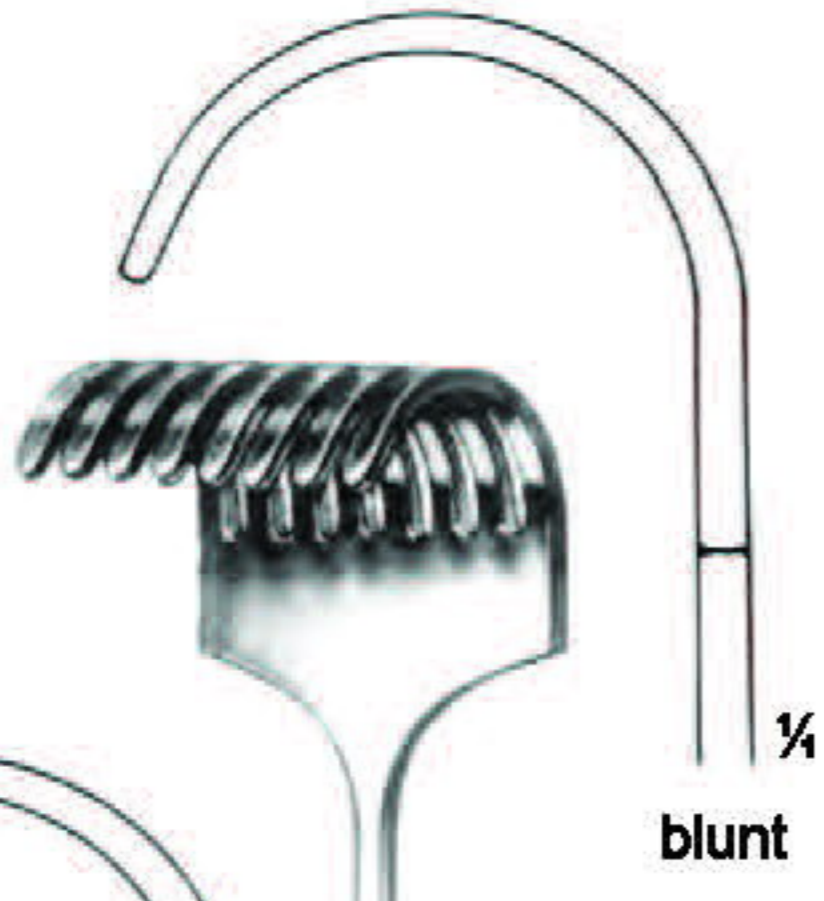
RETRACTORS

25 x 85 mm



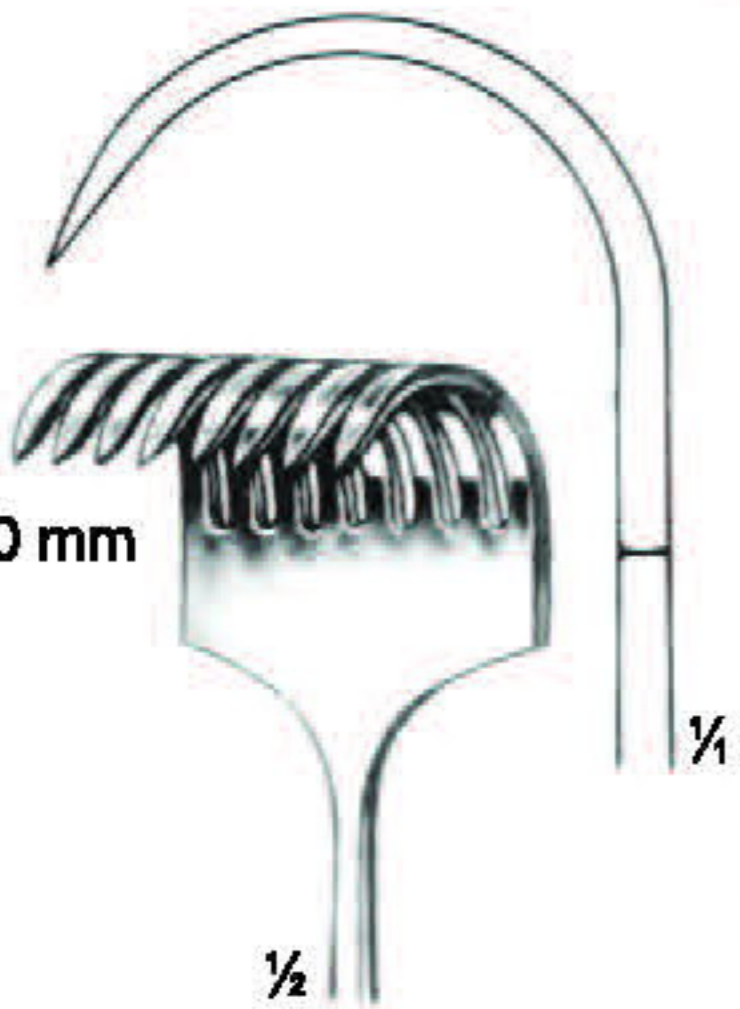
20-5341-24
24.5 cm/9 5/8"

40 x 30 mm



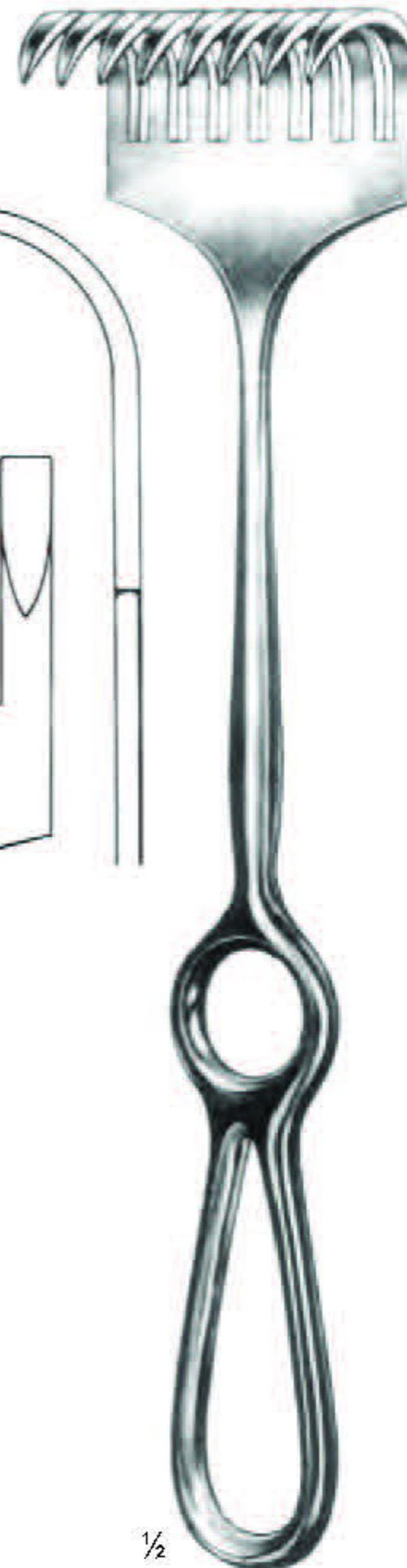
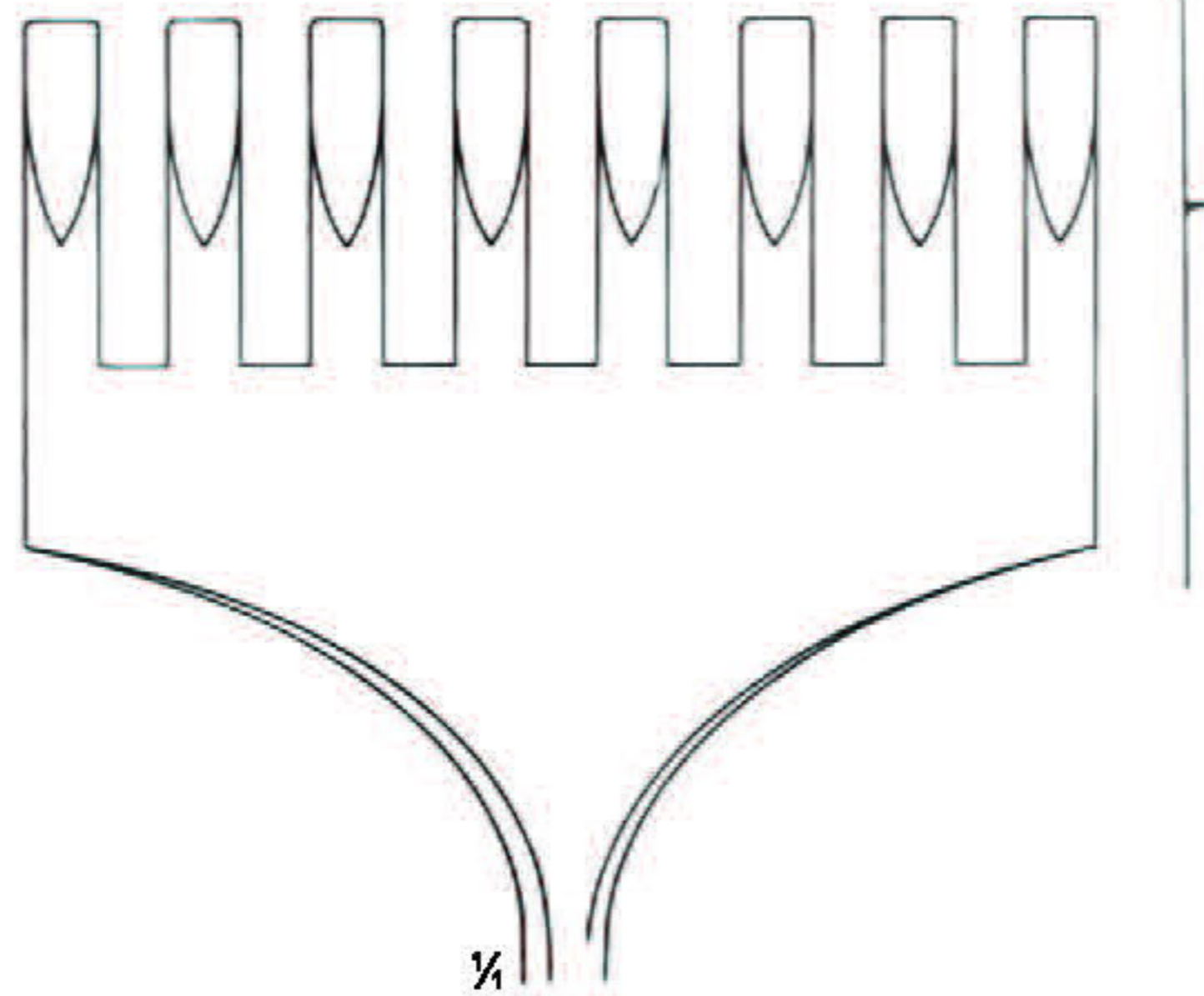
blunt

40 x 30 mm



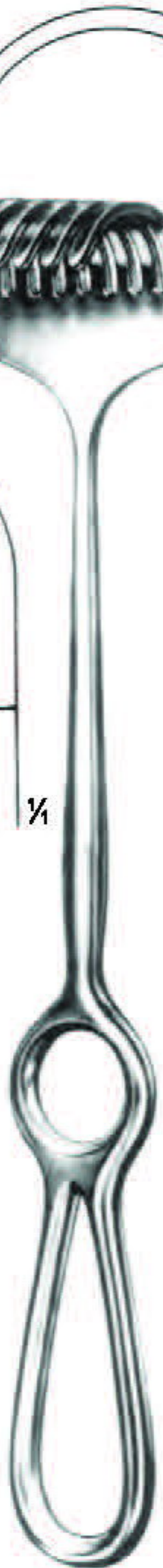
20-5339-23
sharp

26 x 60 mm



20-5342-25
25 cm/9 7/8"

KOERTE
20-5340-23
23.5 cm/9 1/4"



Measurements of retractors: Depth x Width



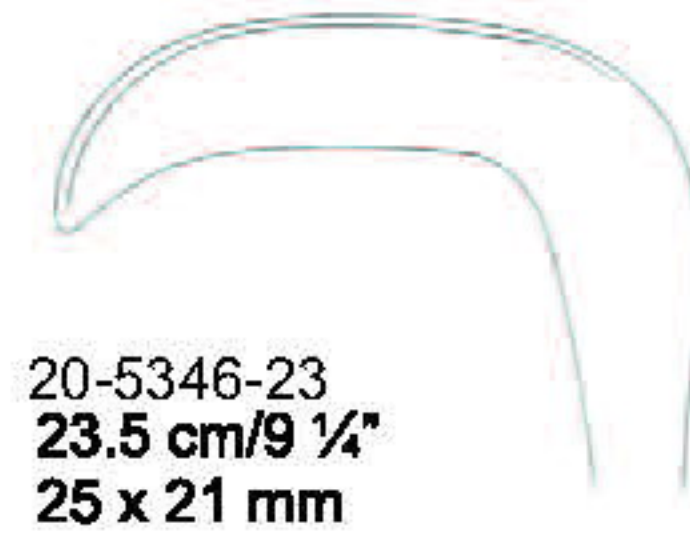
Fig. 1
 20-5343-26
 26 cm/10 1/4"
 25 x 20 mm
 30 x 28 mm

Fig. 2
 20-5344-27
 27.5 cm/10 3/4"
 43 x 38 mm
 63 x 44 mm

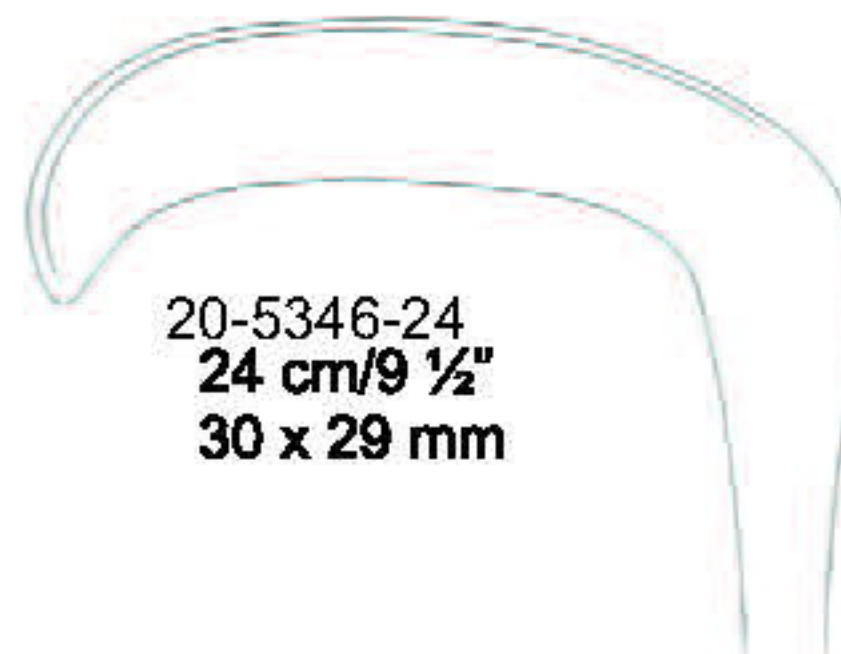
RICHARDSON-EASTMAN
 20-5345-1
 Set Fig. 1 + 2



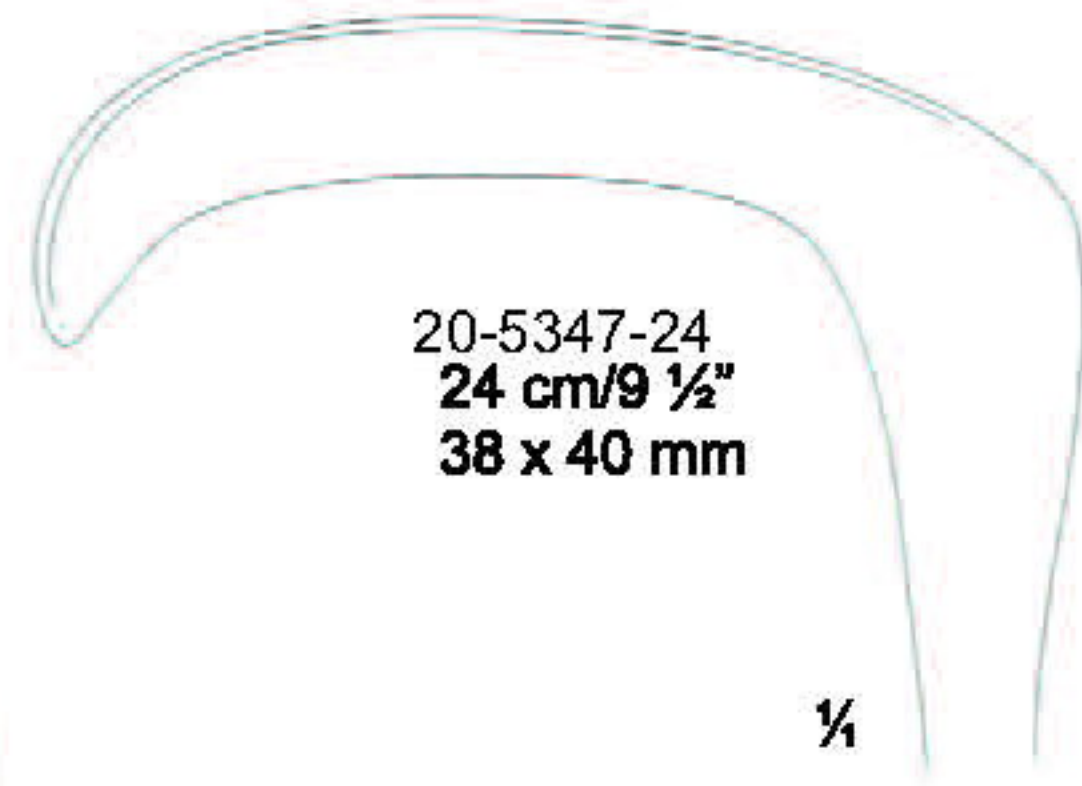
RICHARDSON



20-5346-23
 23.5 cm/9 1/4"
 25 x 21 mm



20-5346-24
 24 cm/9 1/2"
 30 x 29 mm



20-5347-24
 24 cm/9 1/2"
 38 x 40 mm



48 x 22 mm

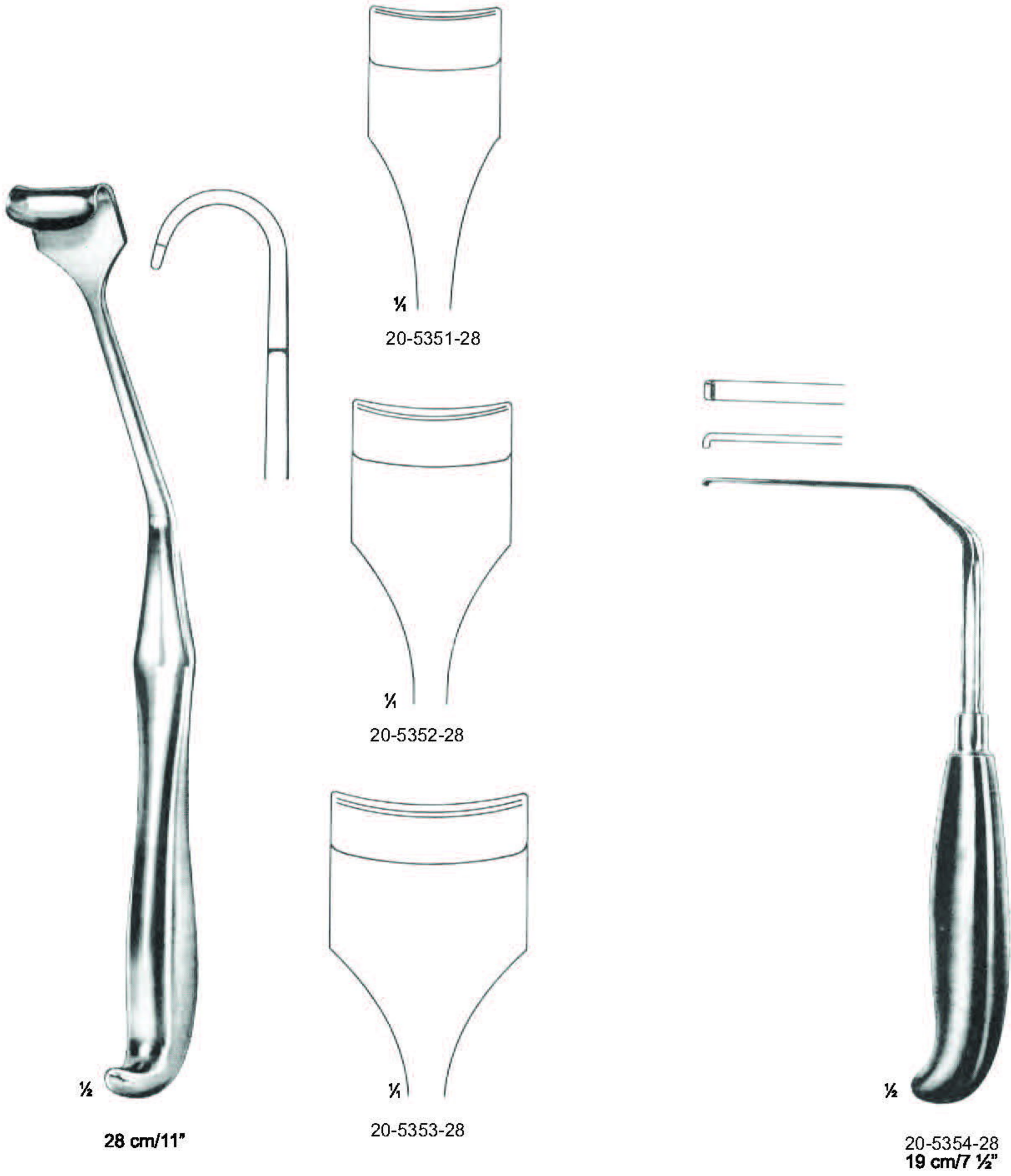
RICHARDSON
 20-5348-24
 24 cm/9 1/2"

KELLY
 20-5349-26 62 x 50 mm
 20-5350-26 70 X 65 mm
 26 cm/10 1/4"

Measurements of retractors: Depth x Width

EN	Retractors
DE	Wundhaken
ES	Separadores
FR	Rétracteurs
IT	Divaricatori

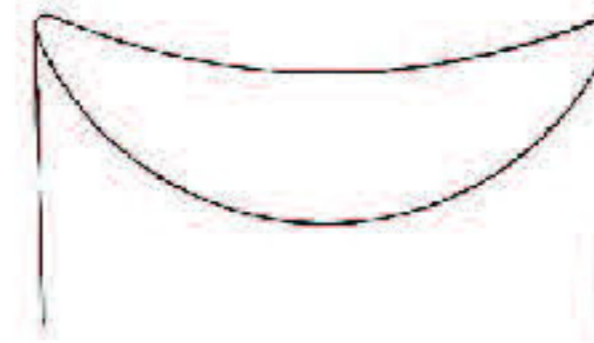
RETRACTORS



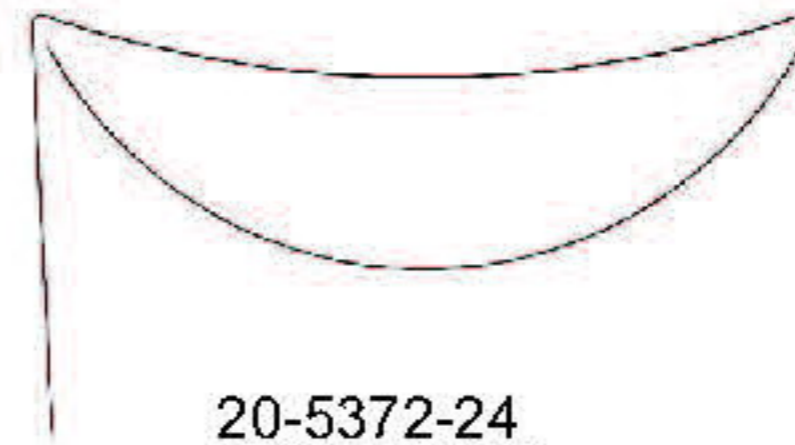
Abdominal Retractors	EN
Bauchdeckenhalter	DE
Separadores abdominales	ES
Rétracteurs abdominaux	FR
Divaricatori addominali	IT



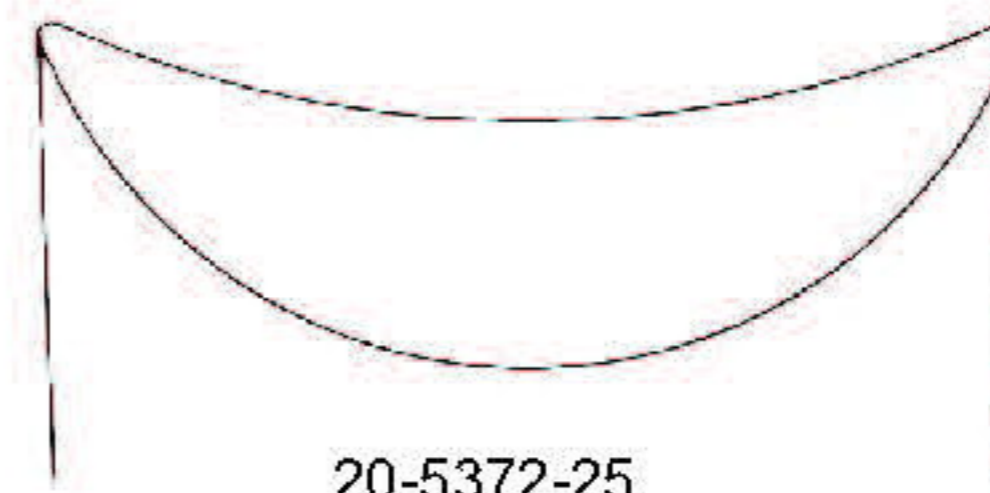
FRITSCH



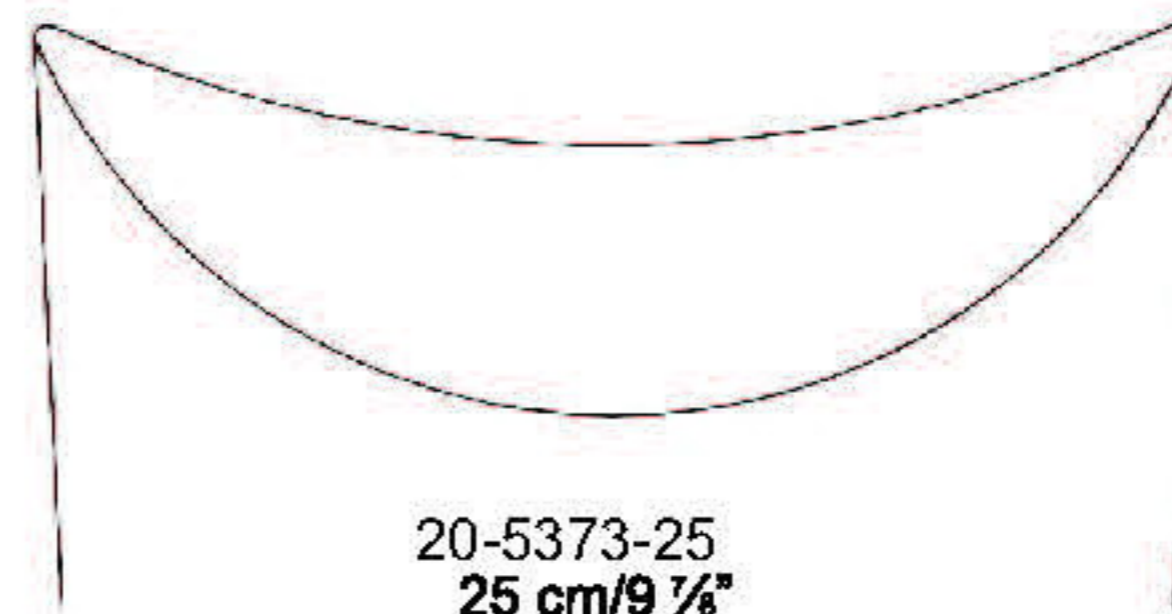
20-5372-23
 23.5 cm/9 1/4"
 37 x 31 mm



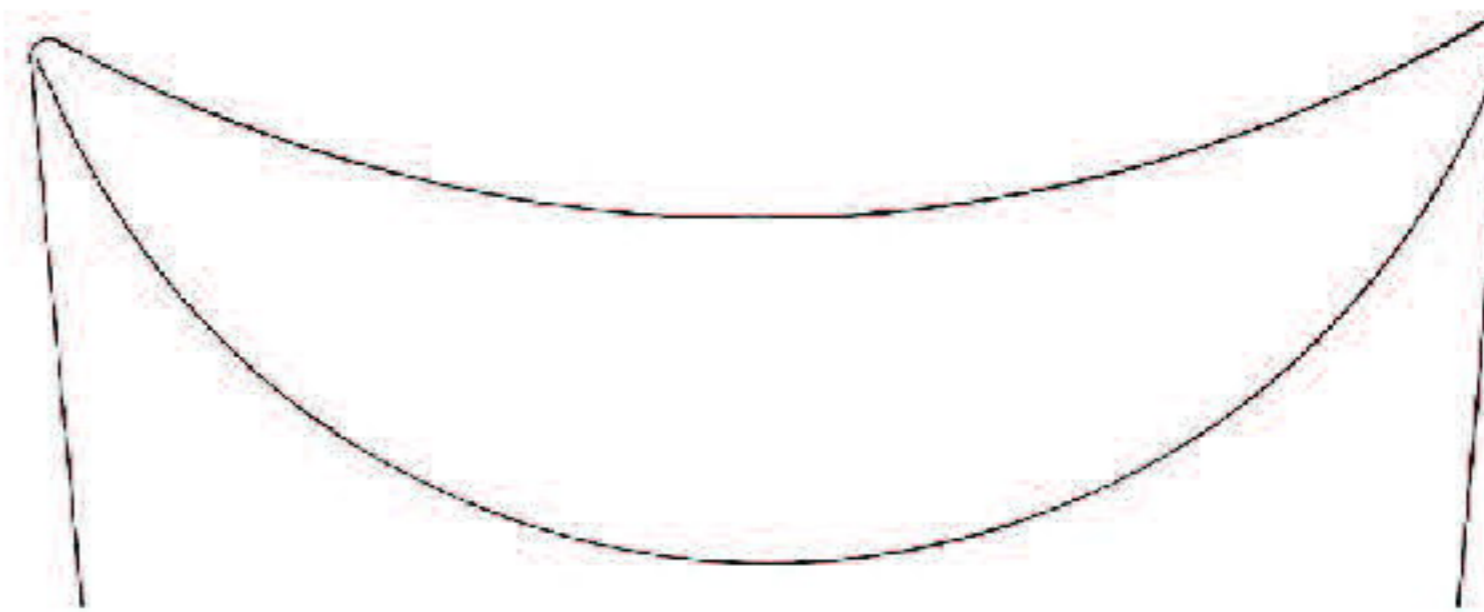
20-5372-24
 24 cm/9 1/2"
 38 x 40 mm



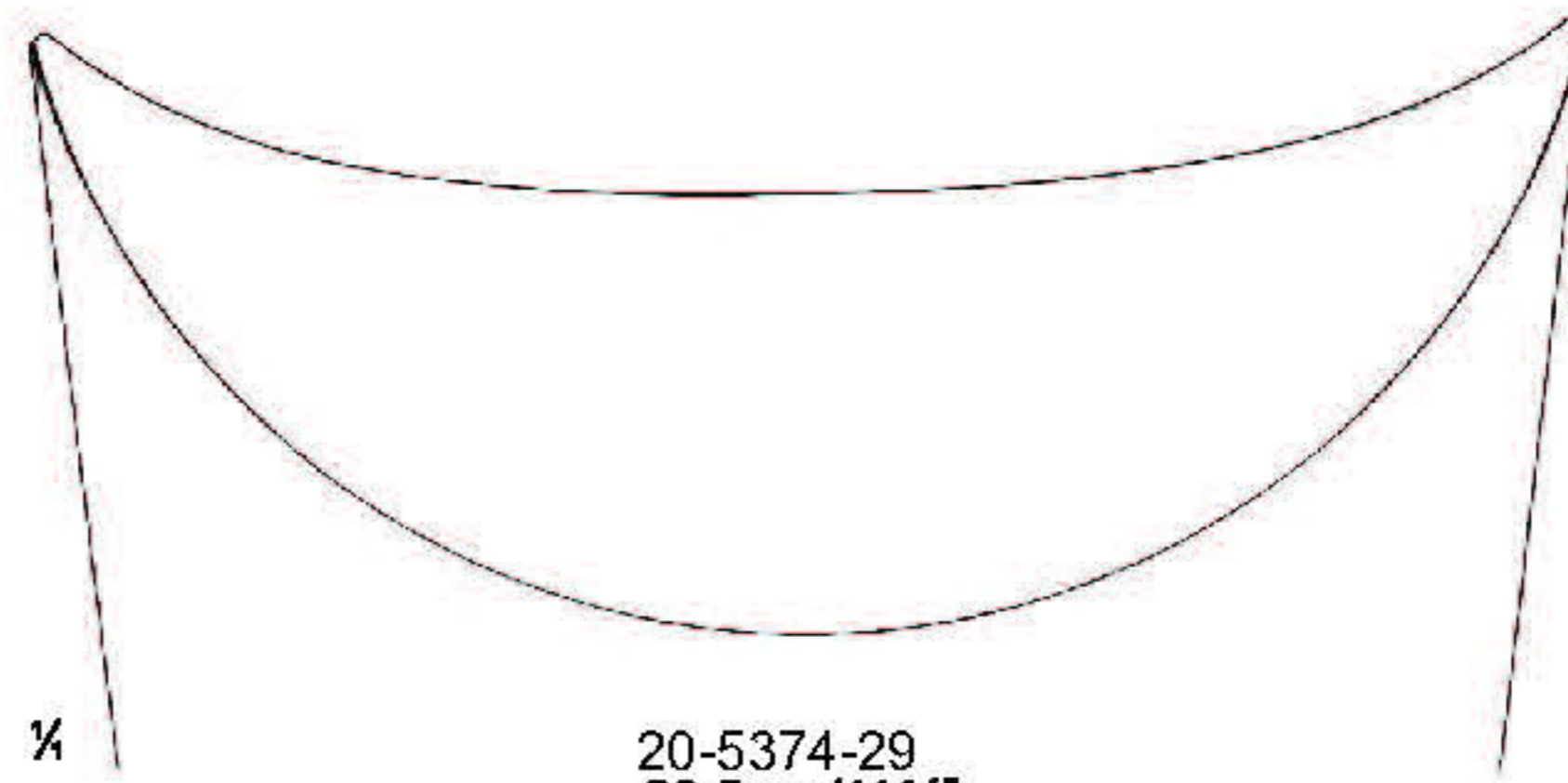
20-5372-25
 25 cm/9 7/8"
 43 x 51 mm



20-5373-25
 25 cm/9 7/8"
 49 x 61 mm



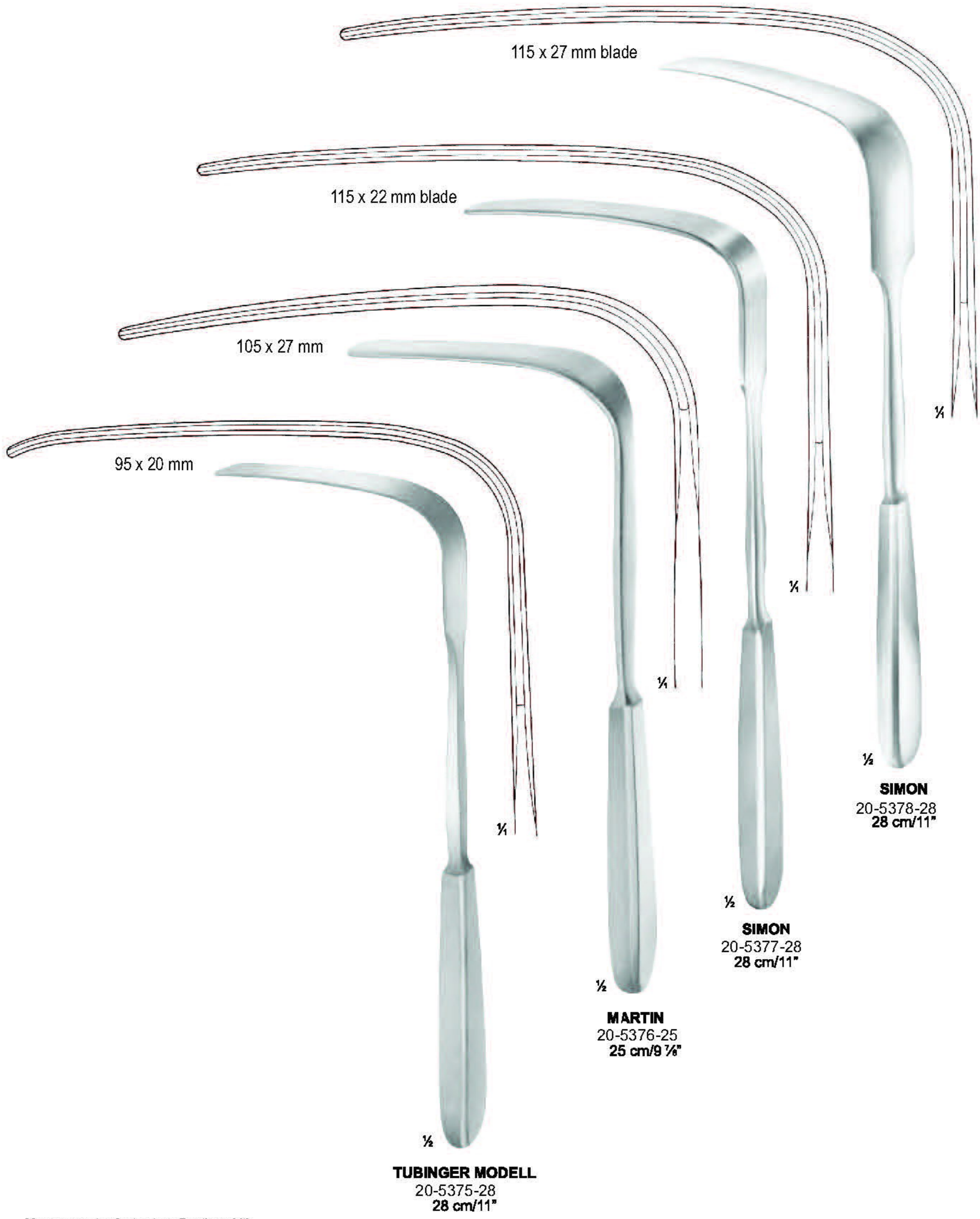
20-5374-25
 25.5 cm/10"
 48 x 75 mm



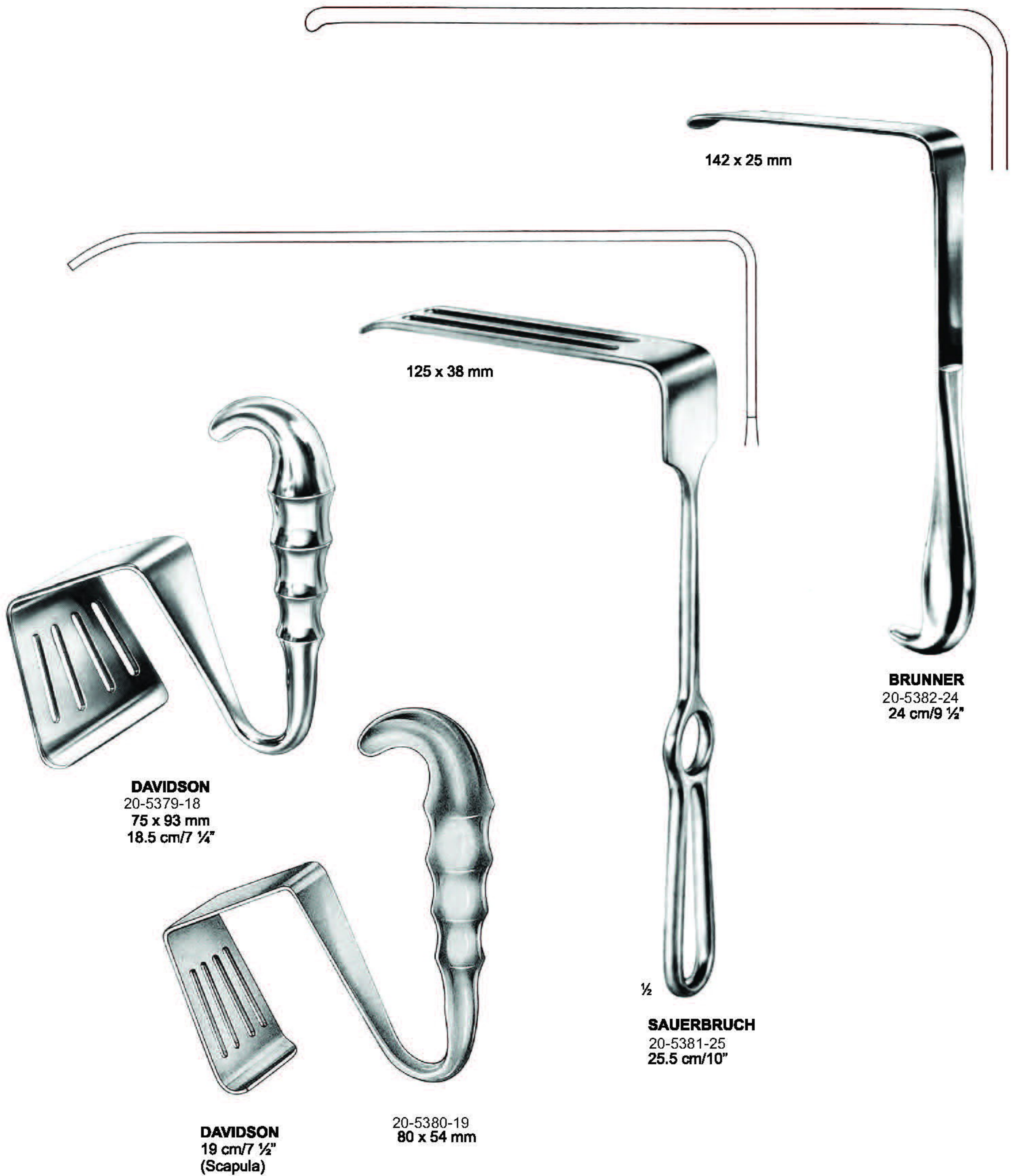
20-5374-29
 29.5 cm/11 3/4"
 65 x 85 mm

EN	Retractors, Abdominal Retractors
DE	Wundhaken, Bauchdeckenhalter
ES	Separadores, Separadores abdominales
FR	Écarteurs, rétracteurs abdominaux
IT	Divaricatori, Divaricatori addominali

RETRACTORS



Measurements of retractors: Depth x width



EN	Retractors
DE	Wundhaken
ES	Separadores
FR	Rétracteurs
IT	Divaricatori

RETRACTORS



BRUNNER
25 cm/9 1/8"



DEAVER
20-5405-18
18 cm/7 1/8"

DEAVER
20-5406-21
21.5 cm/8 1/2"

DEAVER
20-5407-21
21.5 cm/8 1/2"

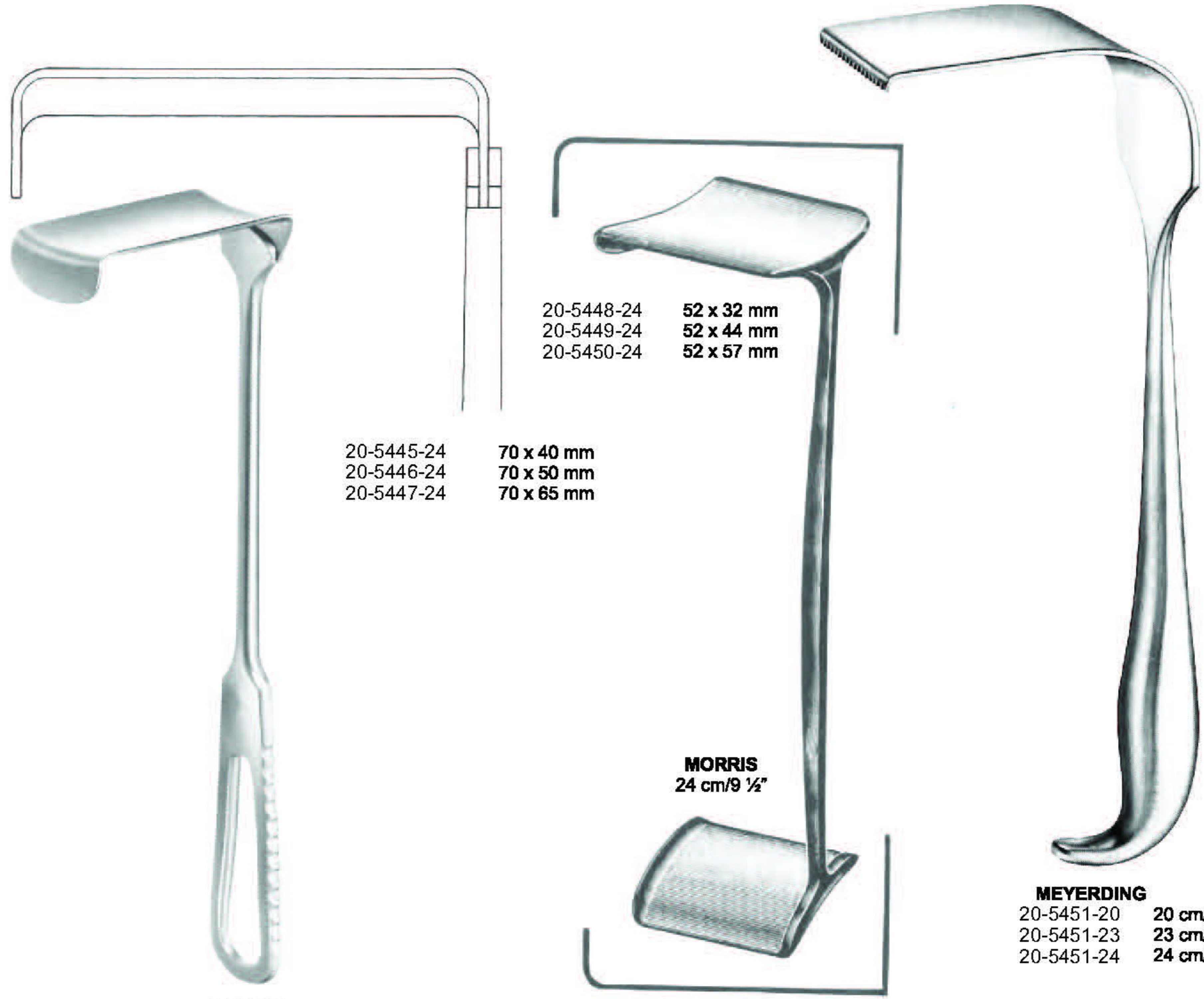
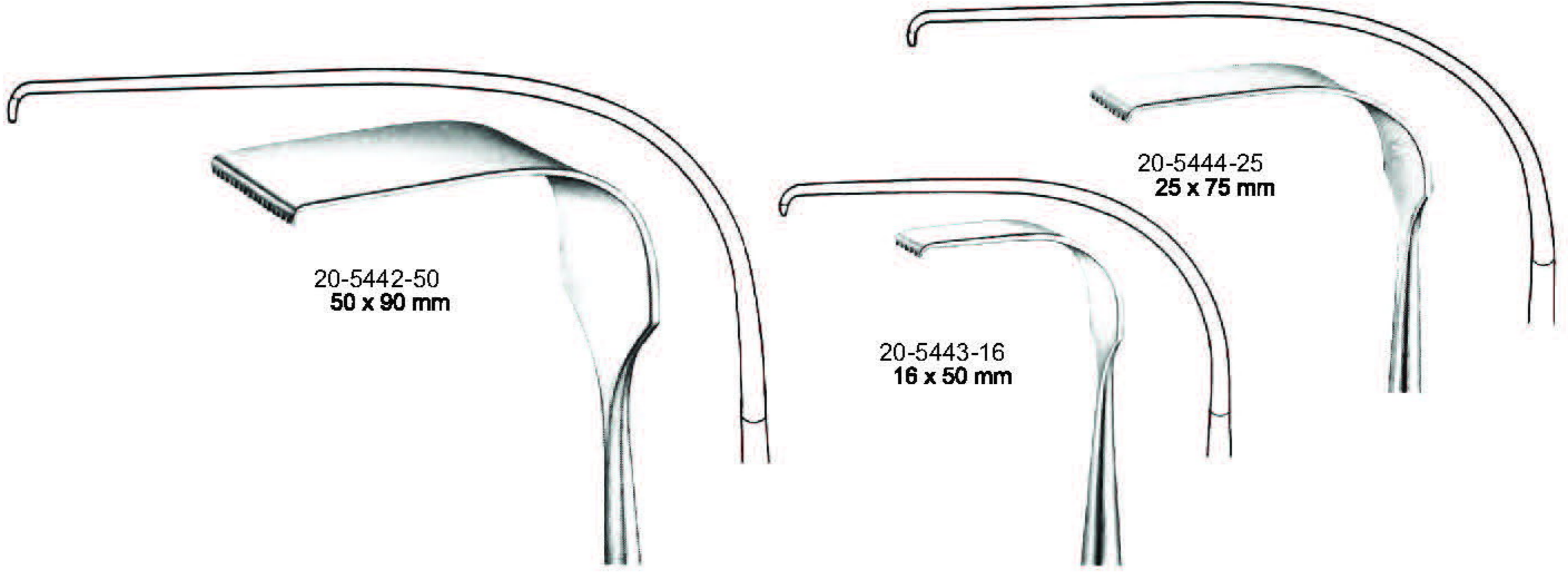
DEAVER
20-5408-30
30.5 cm/12"

DEAVER
20-5409-33
33.5 cm/13 1/4"

DEAVER
20-5410-34
34.5 cm/13 5/8"

EN	Retractors
DE	Wundhaken
ES	Separadores
FR	Rétracteurs
IT	Divaricatori

RETRACTORS



MORRIS
24.5 cm/9 5/8"

- 20-5448-24 52 x 32 mm
- 20-5449-24 52 x 44 mm
- 20-5450-24 52 x 57 mm

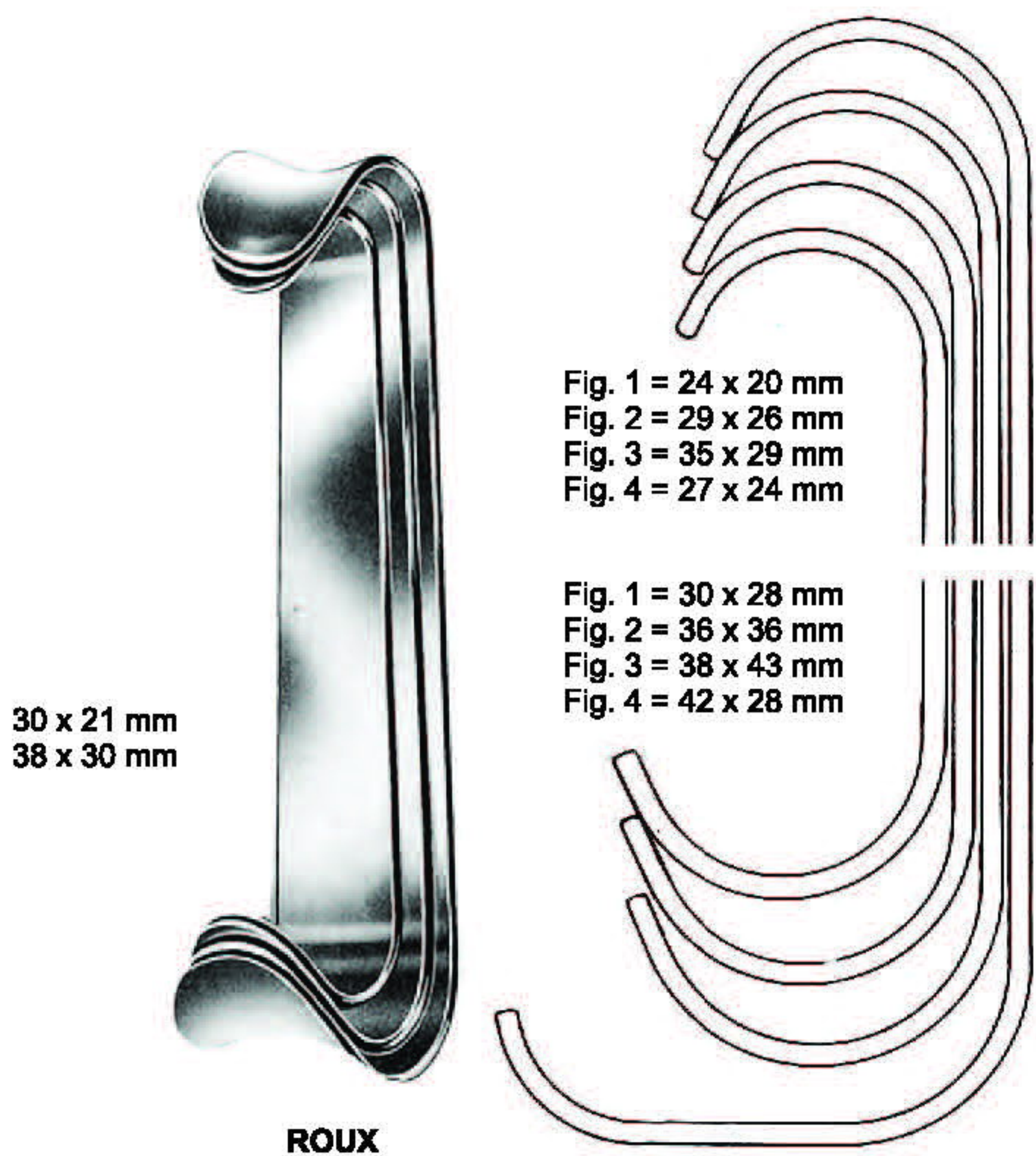
- 20-5445-24 70 x 40 mm
- 20-5446-24 70 x 50 mm
- 20-5447-24 70 x 65 mm

MORRIS
24 cm/9 1/2"

- MEYERDING**
- 20-5451-20 20 cm/7 7/8"
 - 20-5451-23 23 cm/9"
 - 20-5451-24 24 cm/9 1/2"

Measurements of Spatulas : Depth x Width

Retractors	EN
Wundhaken	DE
Separadores	ES
Rétracteurs	FR
Divaricatori	IT



30 x 21 mm
38 x 30 mm

Fig. 1 = 24 x 20 mm
Fig. 2 = 29 x 26 mm
Fig. 3 = 35 x 29 mm
Fig. 4 = 27 x 24 mm

Fig. 1 = 30 x 28 mm
Fig. 2 = 36 x 36 mm
Fig. 3 = 38 x 43 mm
Fig. 4 = 42 x 28 mm

ROUX

- | | |
|------------|---------------------|
| 20-5452-01 | Set Fig. 1 - 3 |
| 20-5452-14 | Fig. 1 14 cm/5 1/2" |
| 20-5452-15 | Fig. 2 15 cm/5 7/8" |
| 20-5452-17 | Fig. 3 17 cm/6 3/4" |
| 20-5452-18 | Fig. 4 18 cm/7 1/8" |

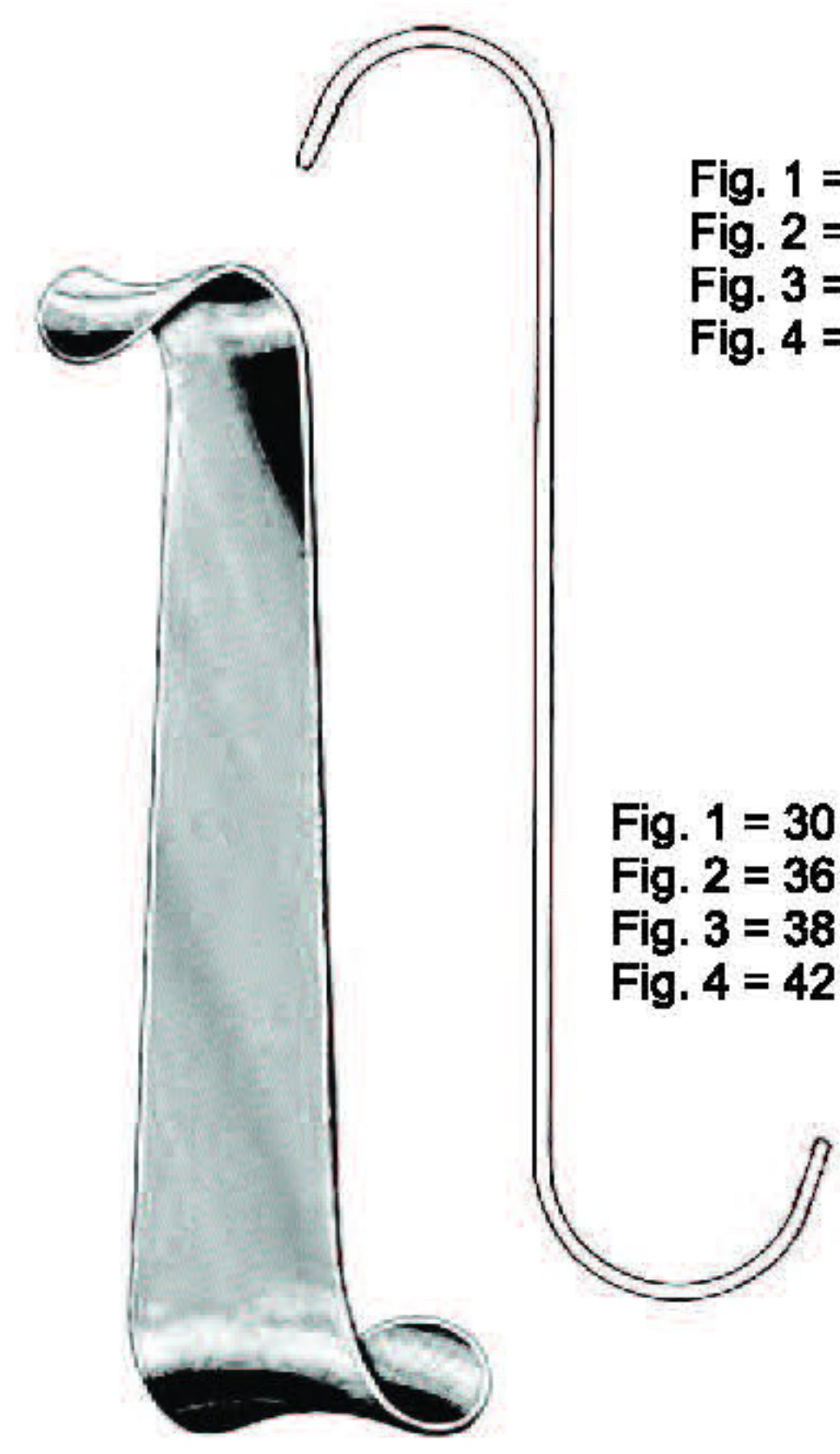


Fig. 1 = 24 x 20 mm
Fig. 2 = 29 x 26 mm
Fig. 3 = 35 x 29 mm
Fig. 4 = 27 x 24 mm

Fig. 1 = 30 x 28 mm
Fig. 2 = 36 x 36 mm
Fig. 3 = 38 x 43 mm
Fig. 4 = 42 x 28 mm

ROUX-MAGNUS

- | | |
|------------|---------------------|
| 20-5453-01 | Set Fig. 1 - 3 |
| 20-5453-14 | Fig. 1 14 cm/5 1/2" |
| 20-5453-15 | Fig. 2 15 cm/5 7/8" |
| 20-5453-17 | Fig. 3 17 cm/6 3/4" |
| 20-5453-18 | Fig. 4 18 cm/7 1/8" |

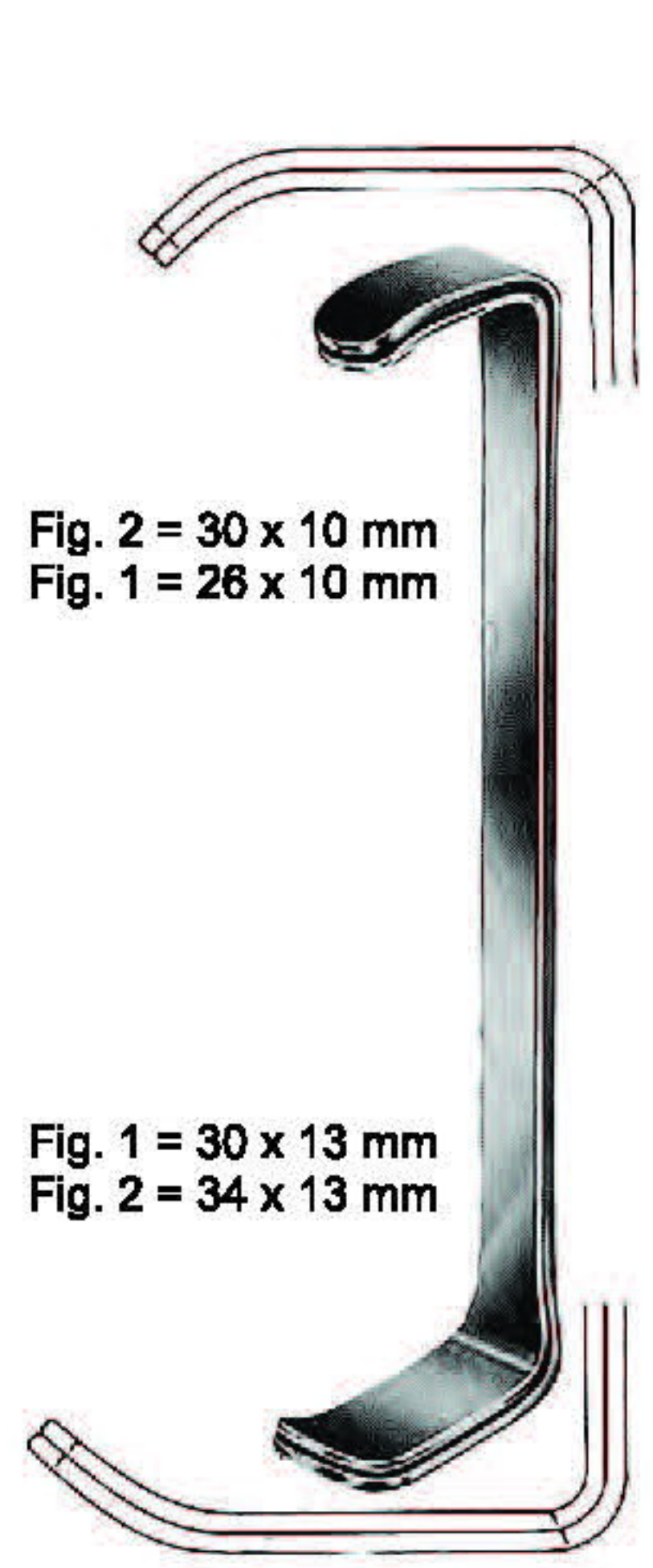


Fig. 2 = 30 x 10 mm
Fig. 1 = 26 x 10 mm

Fig. 1 = 30 x 13 mm
Fig. 2 = 34 x 13 mm

FARABEUF

- | | |
|----------------|--------|
| 20-5454-11 | Set |
| 20-5455-11 | Fig. 1 |
| 20-5456-11 | Fig. 2 |
| 11.5 cm/4 1/2" | |

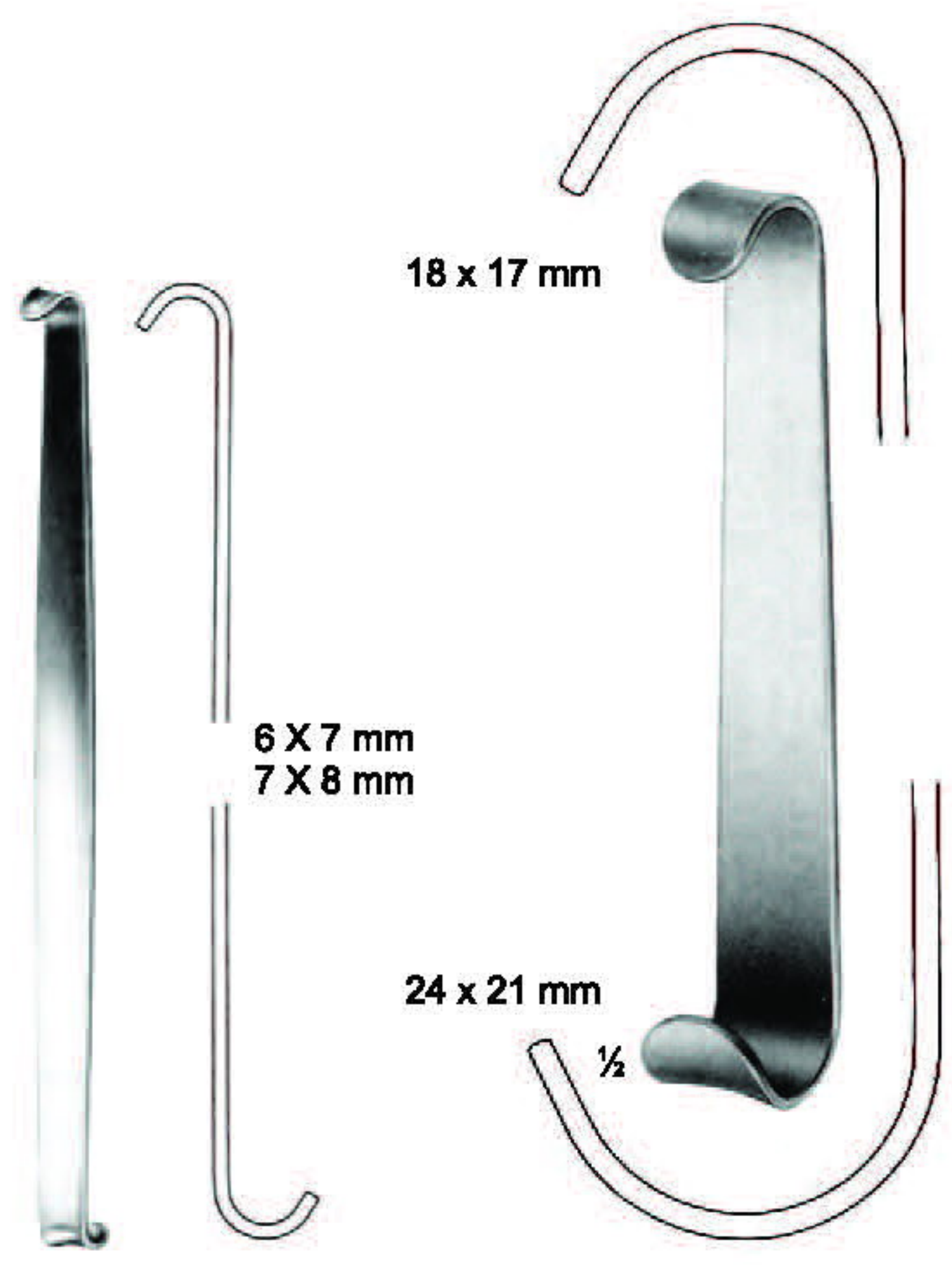


Fig. 2 = 27 x 16 mm
Fig. 1 = 23 x 16 mm

Fig. 1 = 26 x 16 mm
Fig. 2 = 30 x 16 mm

FARABEUF

- | | |
|--------------|--------|
| 20-5457-15 | Set |
| 20-5458-15 | Fig. 1 |
| 20-5459-15 | Fig. 2 |
| 15 cm/5 1/8" | |



18 x 17 mm

6 X 7 mm
7 X 8 mm

24 x 21 mm

MINI-ROUX

- | | |
|------------|--------------|
| 20-5460-14 | 14 cm/5 1/2" |
|------------|--------------|

BABY ROUX

- | | |
|------------|--------------|
| 20-5461-13 | 13 cm/5 1/8" |
|------------|--------------|

EN	Retractors
DE	Wundhaken
ES	Separadores
FR	Rétracteurs
IT	Divaricatori

RETRACTORS

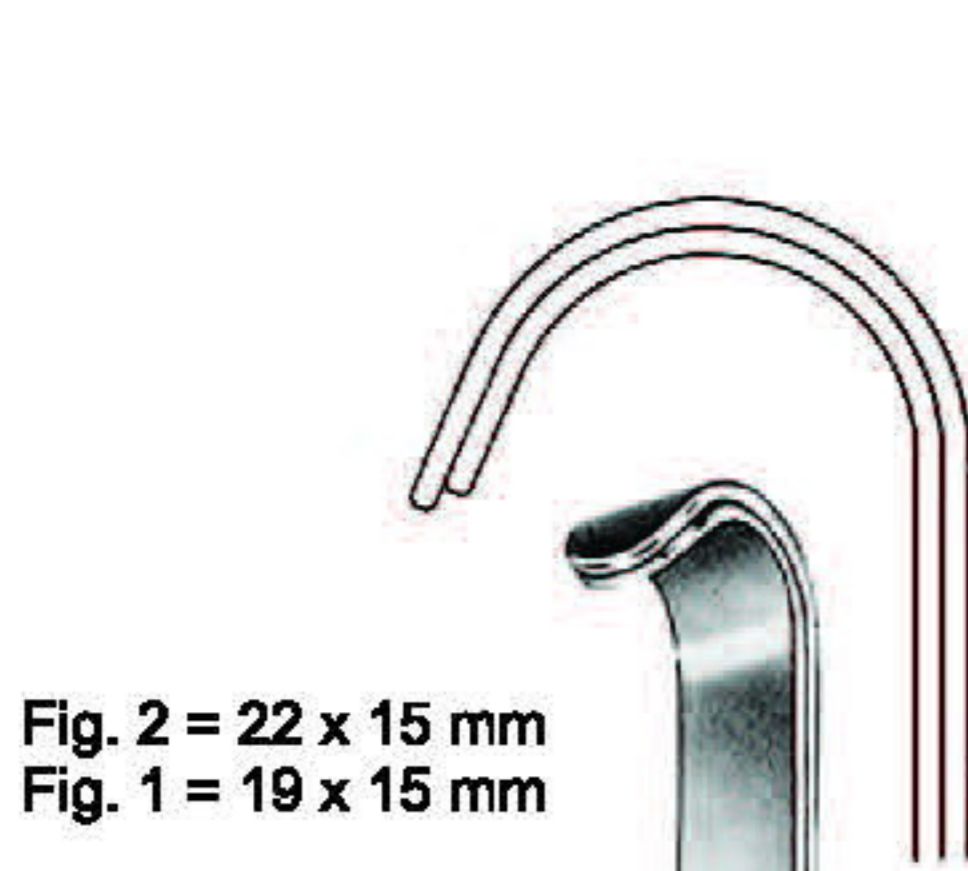


Fig. 2 = 22 x 15 mm
Fig. 1 = 19 x 15 mm

Fig. 1 = 19 x 15 mm
Fig. 2 = 22 x 15 mm

PARKER

- 20-5462-13 Set
- 20-5463-13 Fig. 1
- 20-5464-13 Fig. 2
- 13.5 cm/5 3/8"

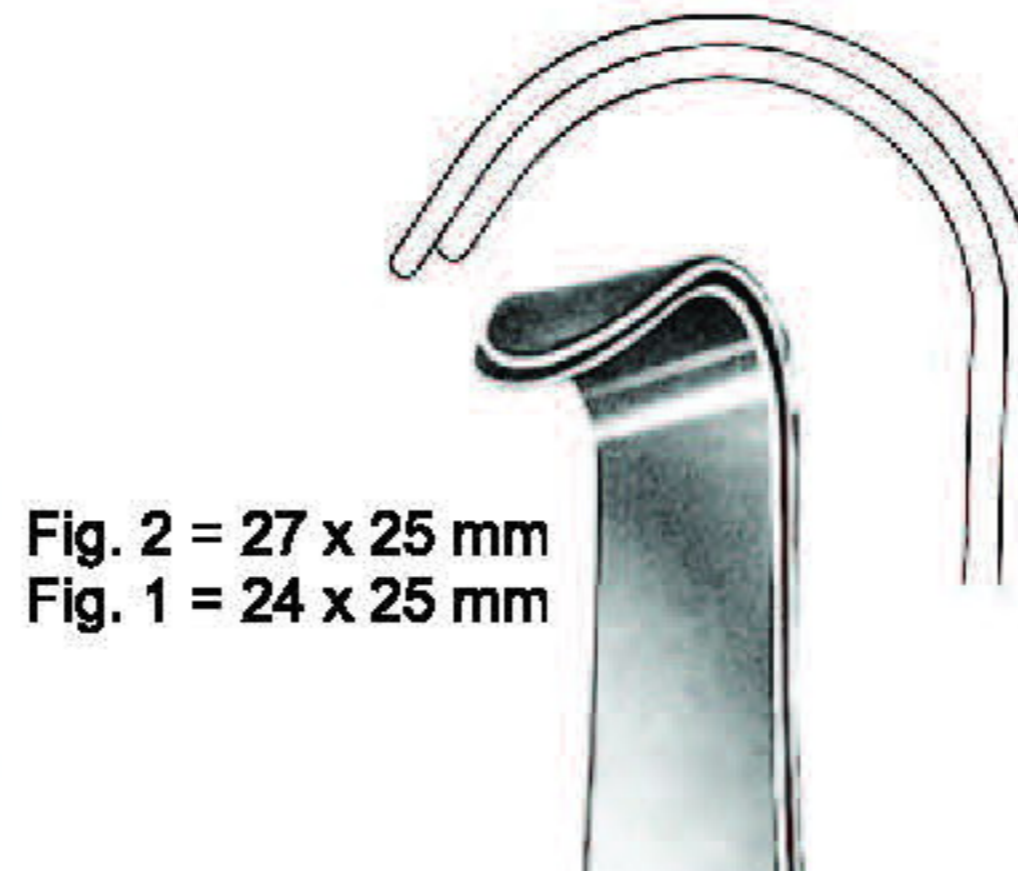


Fig. 2 = 27 x 25 mm
Fig. 1 = 24 x 25 mm

Fig. 1 = 26 x 25 mm
Fig. 2 = 29 x 25 mm

PARKER

- 20-5465-18 Set
- 20-5466-18 Fig. 1
- 20-5467-18 Fig. 2
- 18 cm/7 1/8"

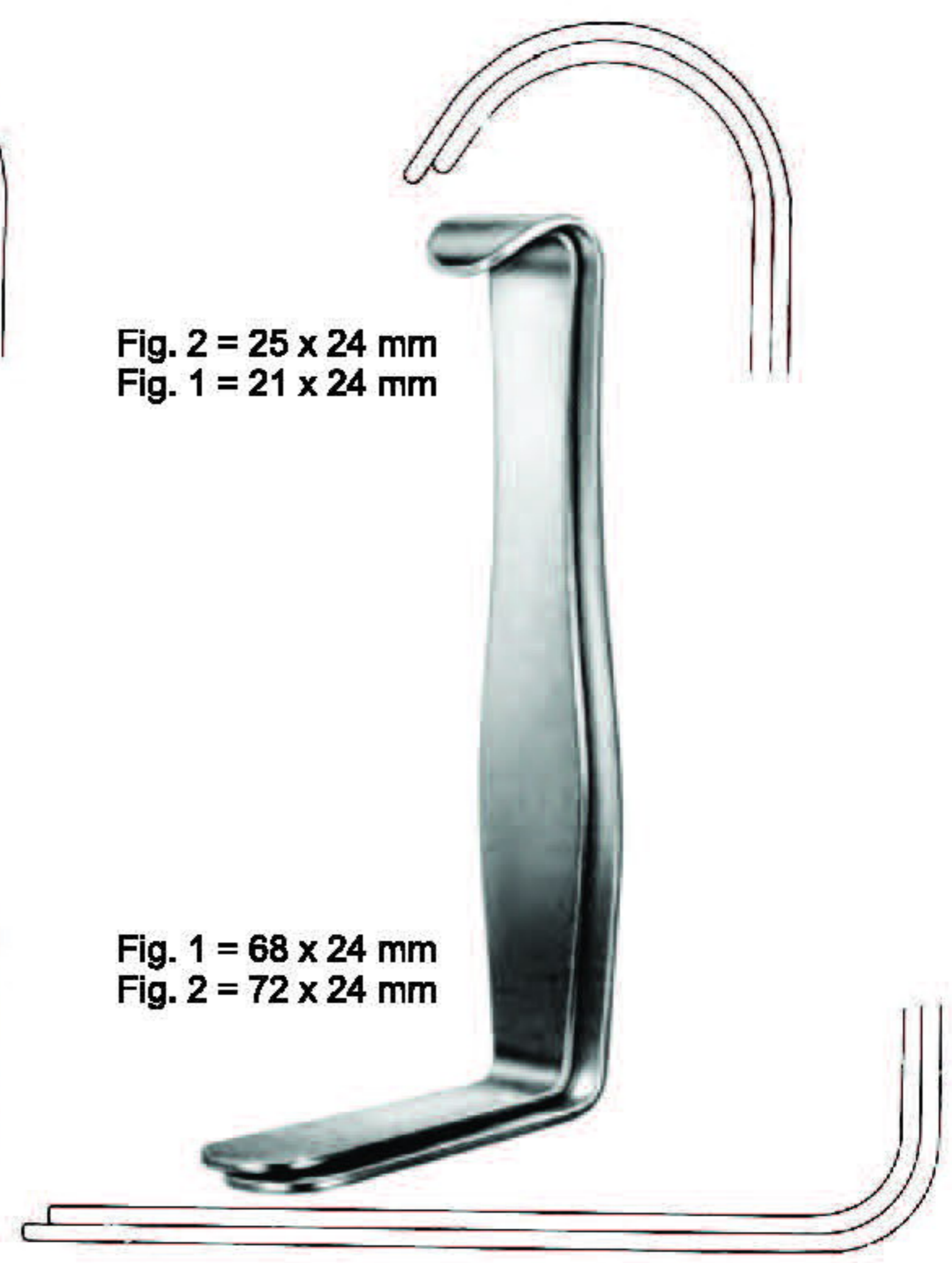


Fig. 2 = 25 x 24 mm
Fig. 1 = 21 x 24 mm

Fig. 1 = 68 x 24 mm
Fig. 2 = 72 x 24 mm

PARKER-MOTT

- 20-5468-16 Set
- 20-5469-16 Fig. 1
- 20-5470-16 Fig. 2
- 16 cm/6 1/4"

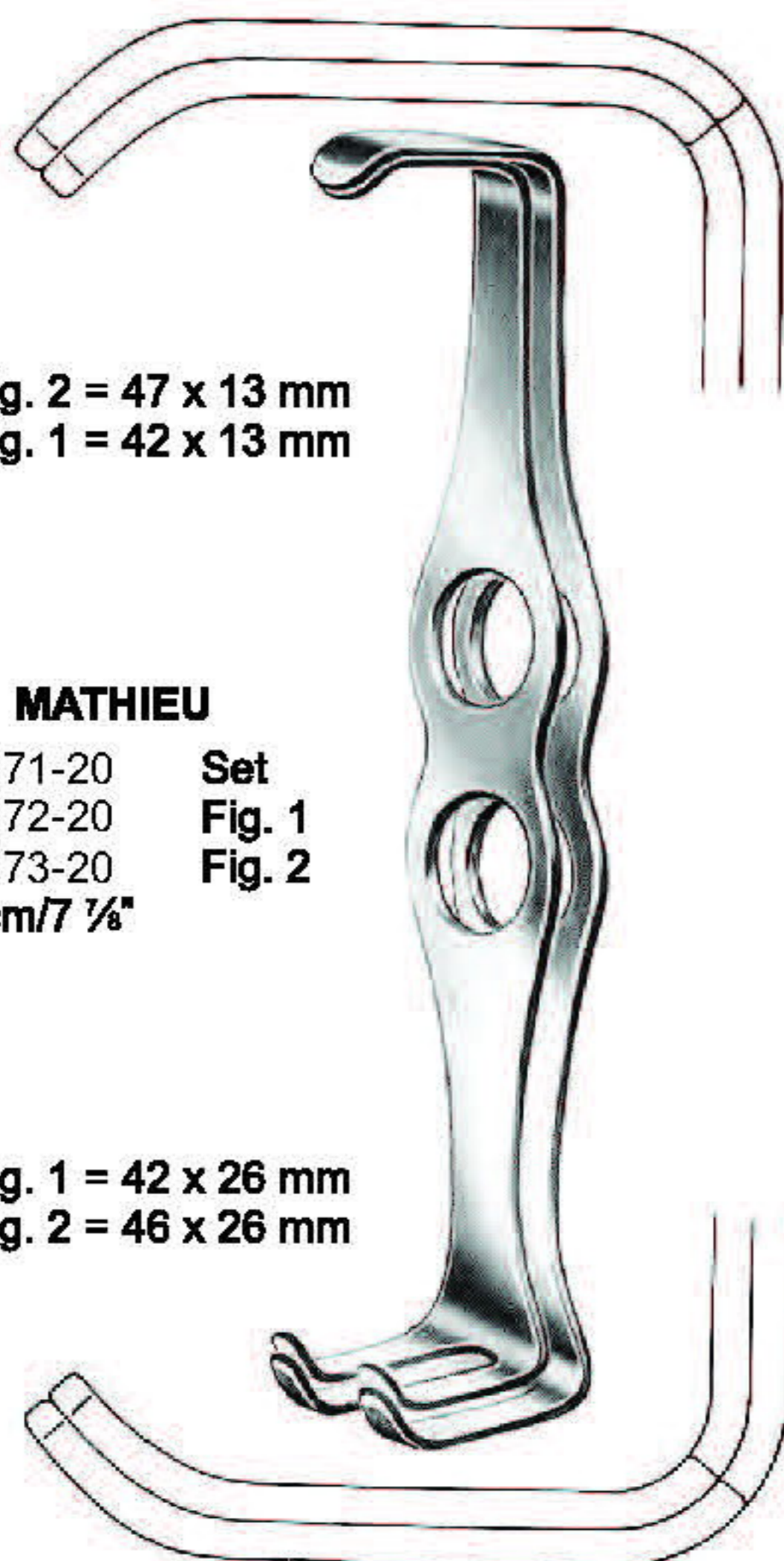


Fig. 2 = 47 x 13 mm
Fig. 1 = 42 x 13 mm

MATHIEU

- 20-5471-20 Set
- 20-5472-20 Fig. 1
- 20-5473-20 Fig. 2
- 20 cm/7 7/8"

Fig. 1 = 42 x 26 mm
Fig. 2 = 46 x 26 mm

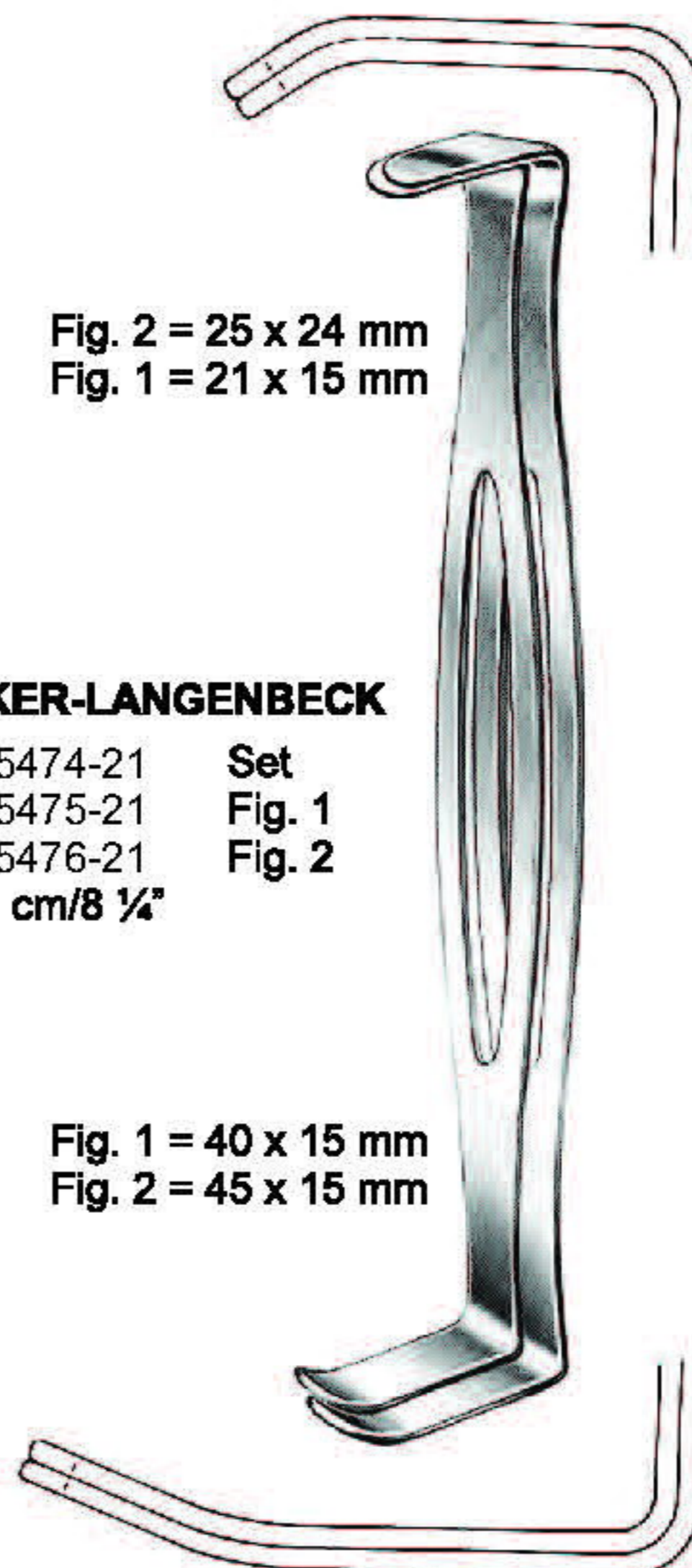


Fig. 2 = 25 x 24 mm
Fig. 1 = 21 x 15 mm

PARKER-LANGENBECK

- 20-5474-21 Set
- 20-5475-21 Fig. 1
- 20-5476-21 Fig. 2
- 21 cm/8 1/4"

Fig. 1 = 40 x 15 mm
Fig. 2 = 45 x 15 mm



40 x 40 mm

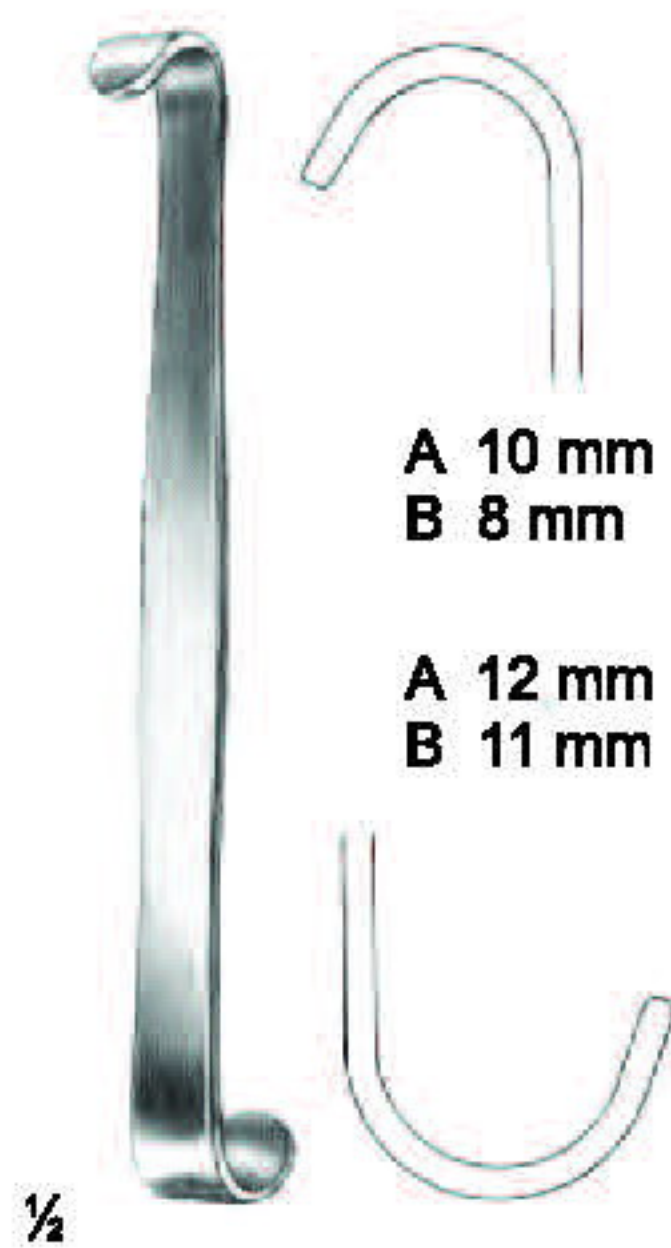
GOELET

- 20-5477-19
- 19 cm/7 1/2"

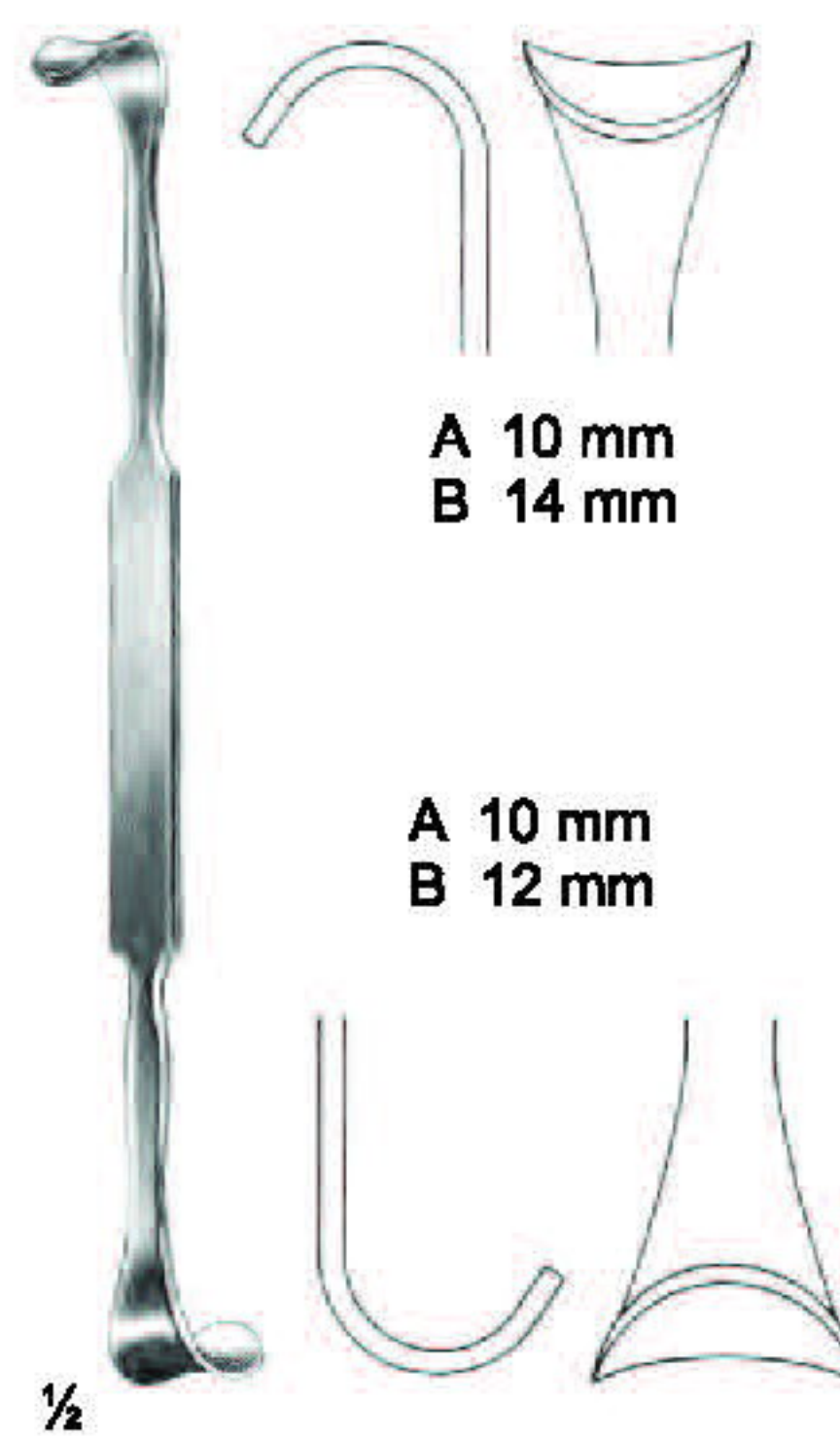
30 x 30 mm



CRILE
 20-5478-11
 11 cm/4 3/8"



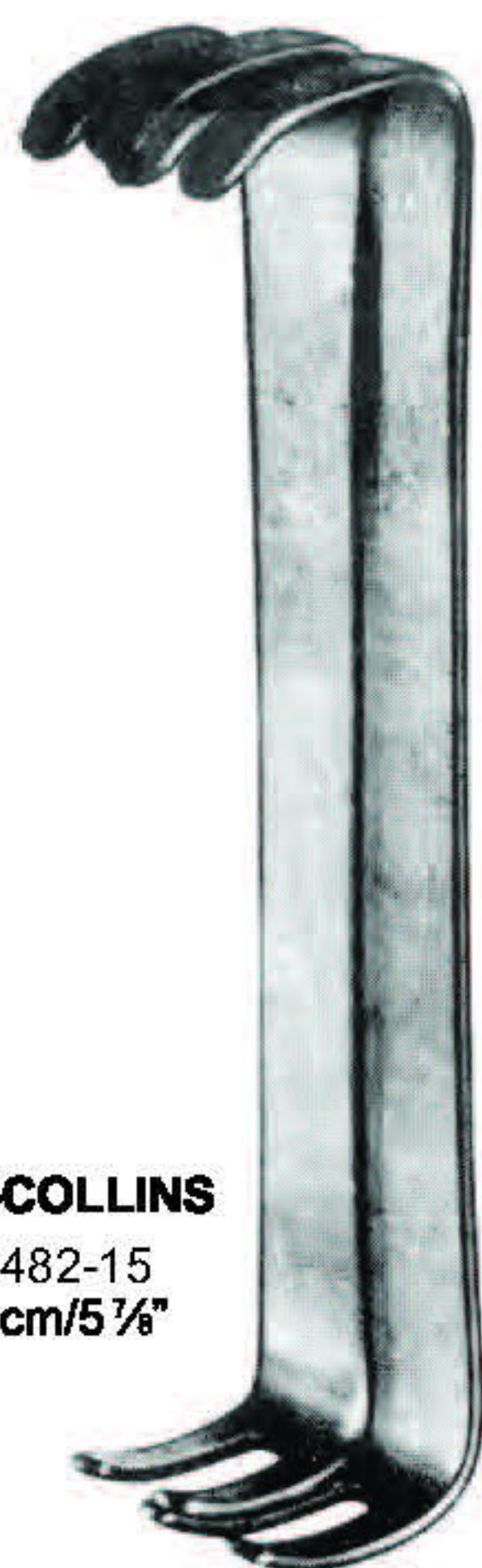
LUER
 20-5479-11
 11 cm/4 3/8"



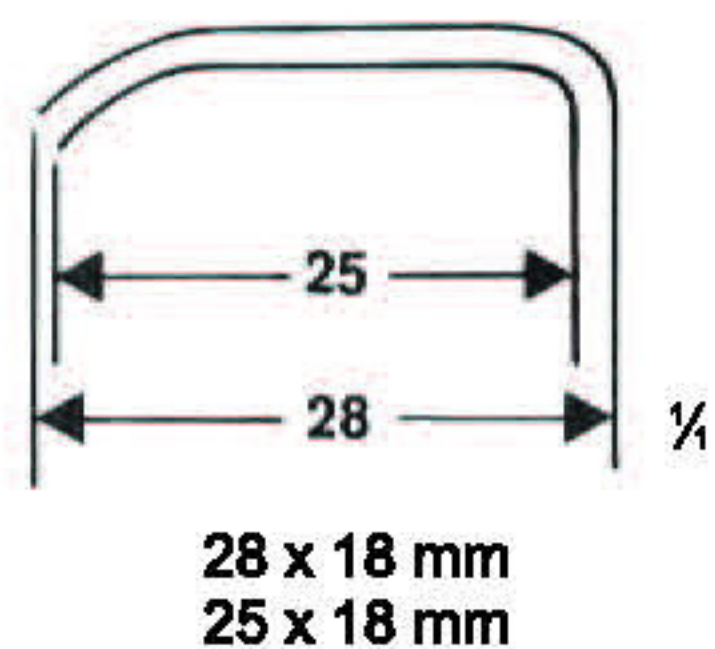
ROSE
 20-5480-13
 13 cm/5 1/8"



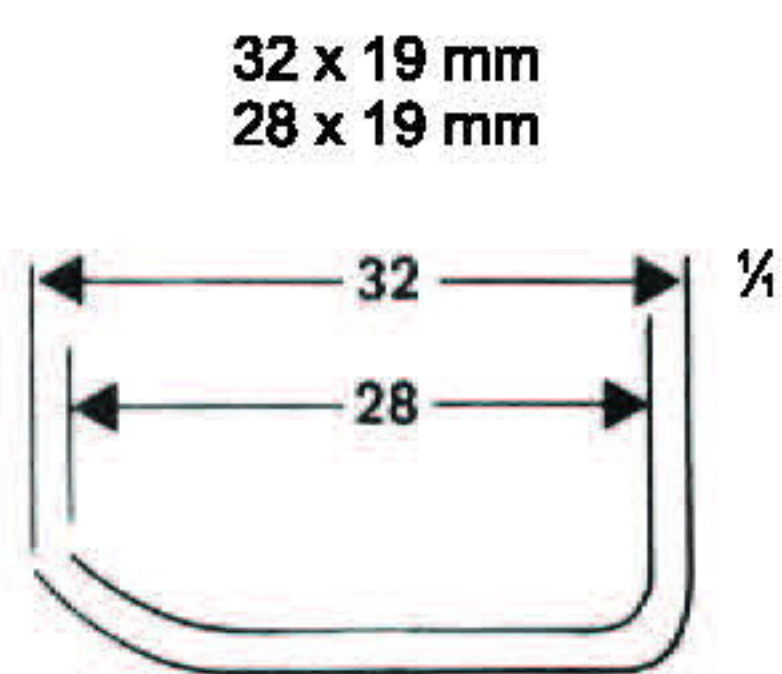
ROSE
 20-5481-19
 19.5 cm/7 1/2"



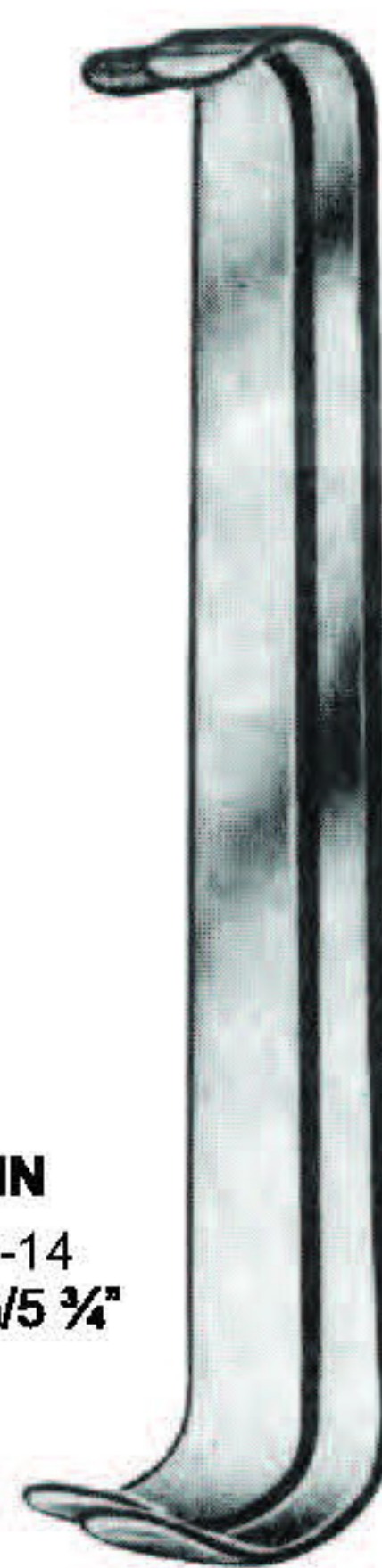
MAYO-COLLINS
 20-5482-15
 15 cm/5 1/8"



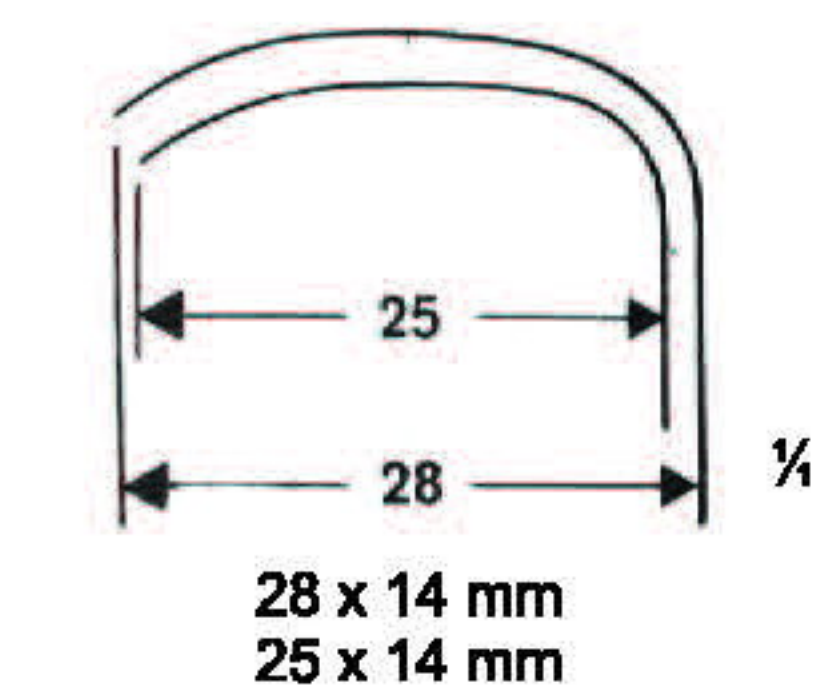
28 x 18 mm
 25 x 18 mm



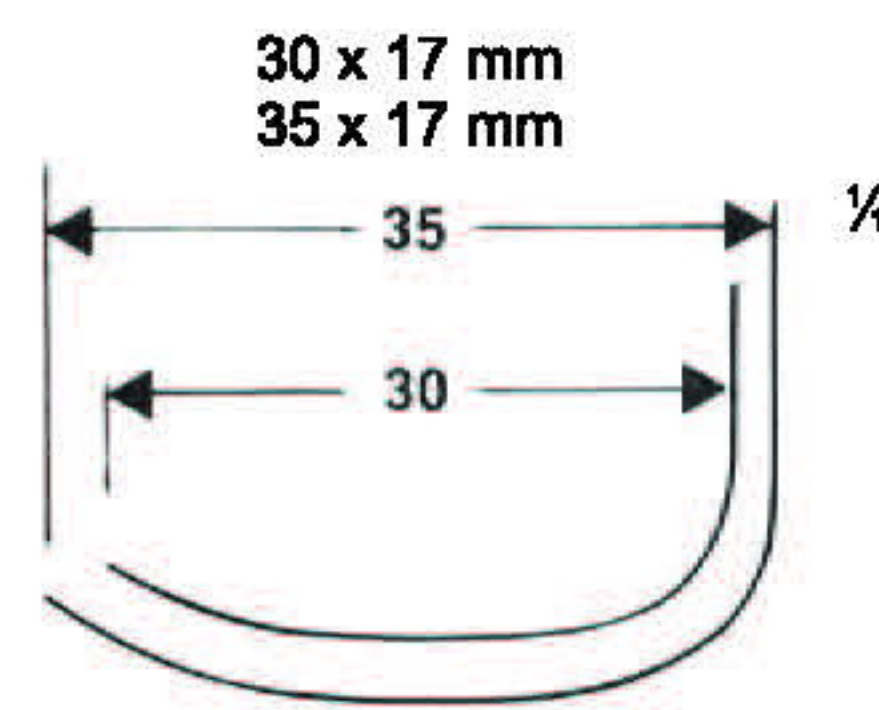
32 x 19 mm
 28 x 19 mm



COLLIN
 20-5483-14
 14.5 cm/5 3/8"



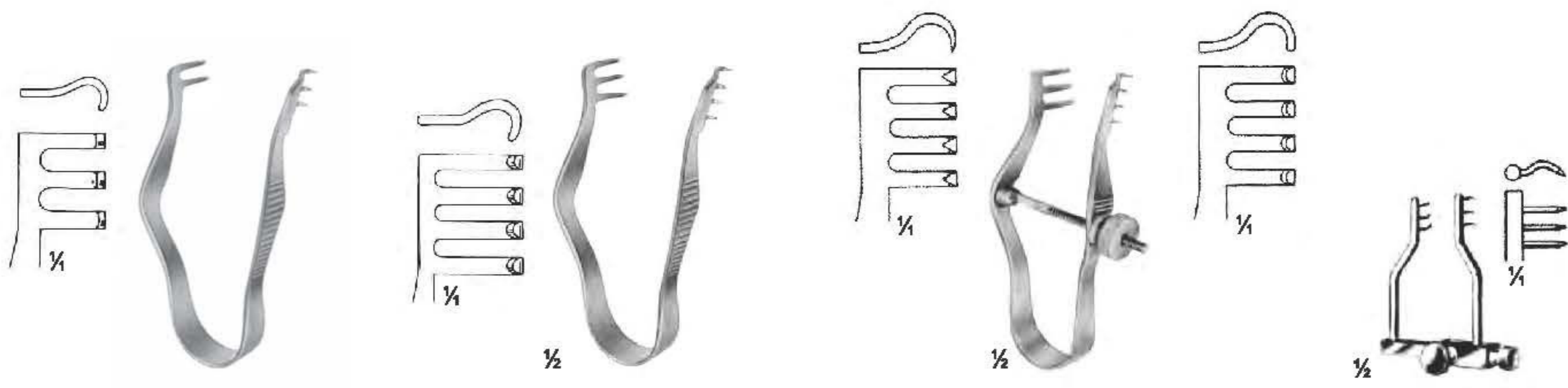
28 x 14 mm
 25 x 14 mm



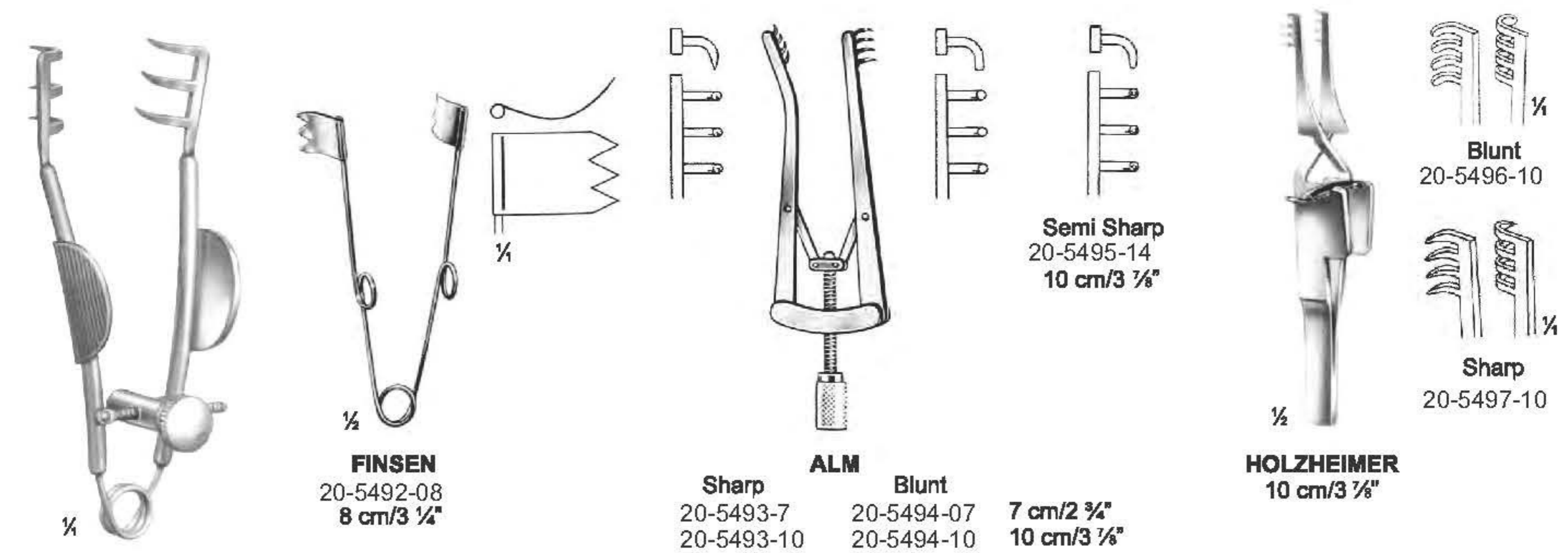
30 x 17 mm
 35 x 17 mm

EN	Self-Retaining Retractors
DE	Wundspreizer
ES	Separadores autoestáticos
FR	Rétracteurs auto-bloquants
IT	Retrattori auto-bloccanti

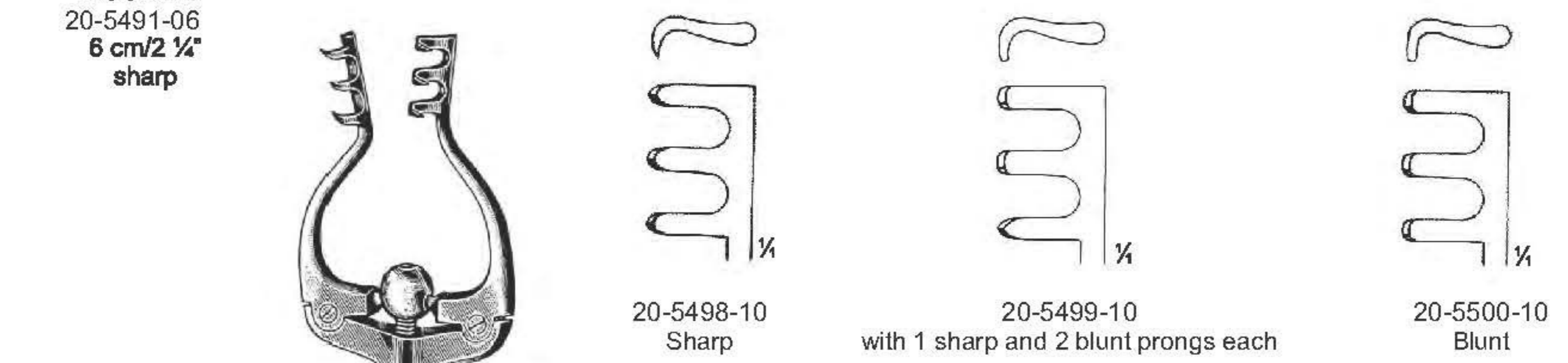
RETRACTORS



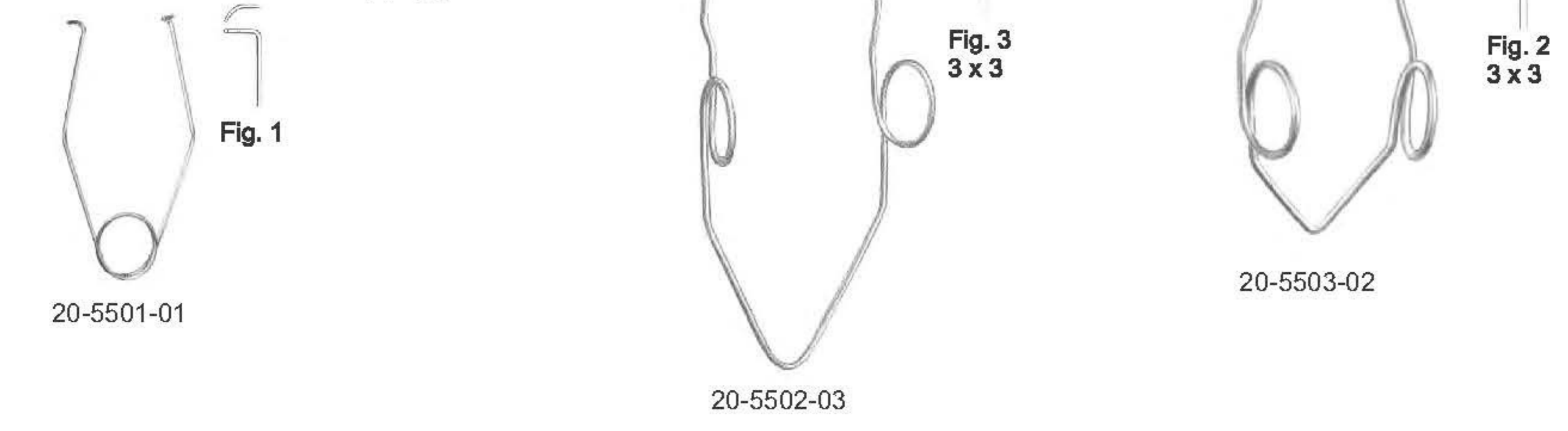
<p>FINSEN 5 cm/2" 20-5484-05 20-5485-05 Sharp Blunt spreading 16 mm</p>	<p>FINSEN 7 cm/2 3/4" 20-5486-07 20-5487-07 spreading 20 mm</p>	<p>FINSEN 7 cm/2 3/4" sharp 20-5488-07 blunt 20-5489-007 spreading 30 mm</p>	<p>LOGAN 4 cm/1 5/8" 20-5490-04 sharp spreading 16 mm</p>
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<p>BUCKLEY 20-5491-06 6 cm/2 1/4" sharp</p>	<p>FINSEN 20-5492-08 8 cm/3 1/4"</p>	<p>ALM Sharp 20-5493-7 20-5493-10 Blunt 20-5494-07 20-5494-10 7 cm/2 3/4" 10 cm/3 1/8"</p>	<p>HOLZHEIMER 10 cm/3 1/8" Blunt 20-5496-10 Sharp 20-5497-10</p>
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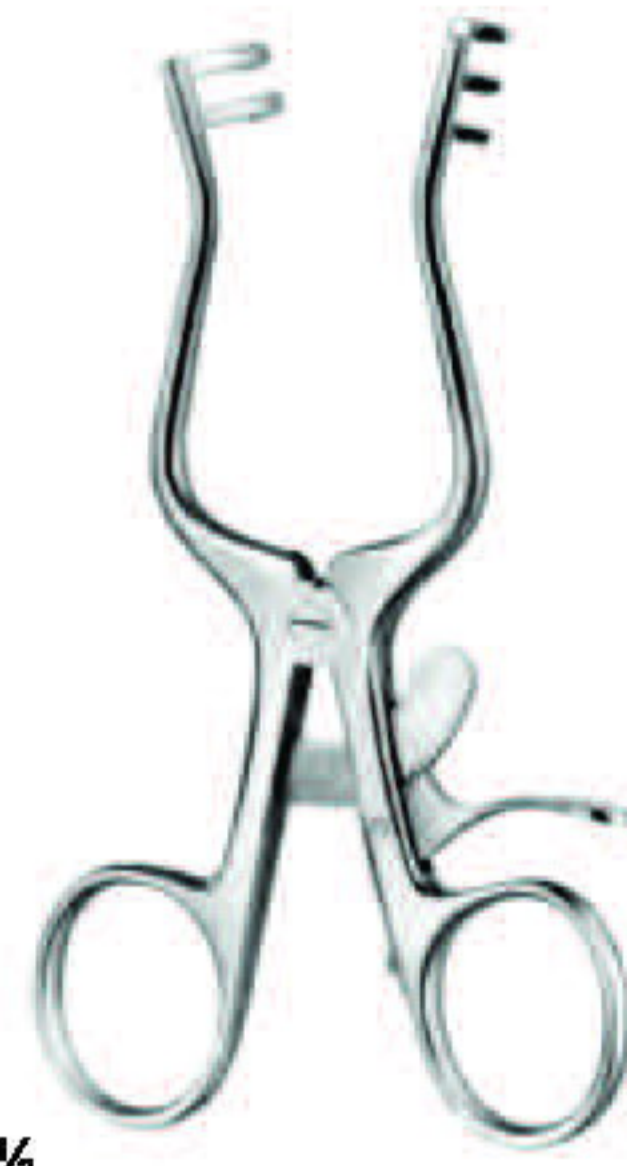
<p>20-5498-10 Sharp</p>	<p>20-5499-10 with 1 sharp and 2 blunt prongs each</p>	<p>20-5500-10 Blunt</p>
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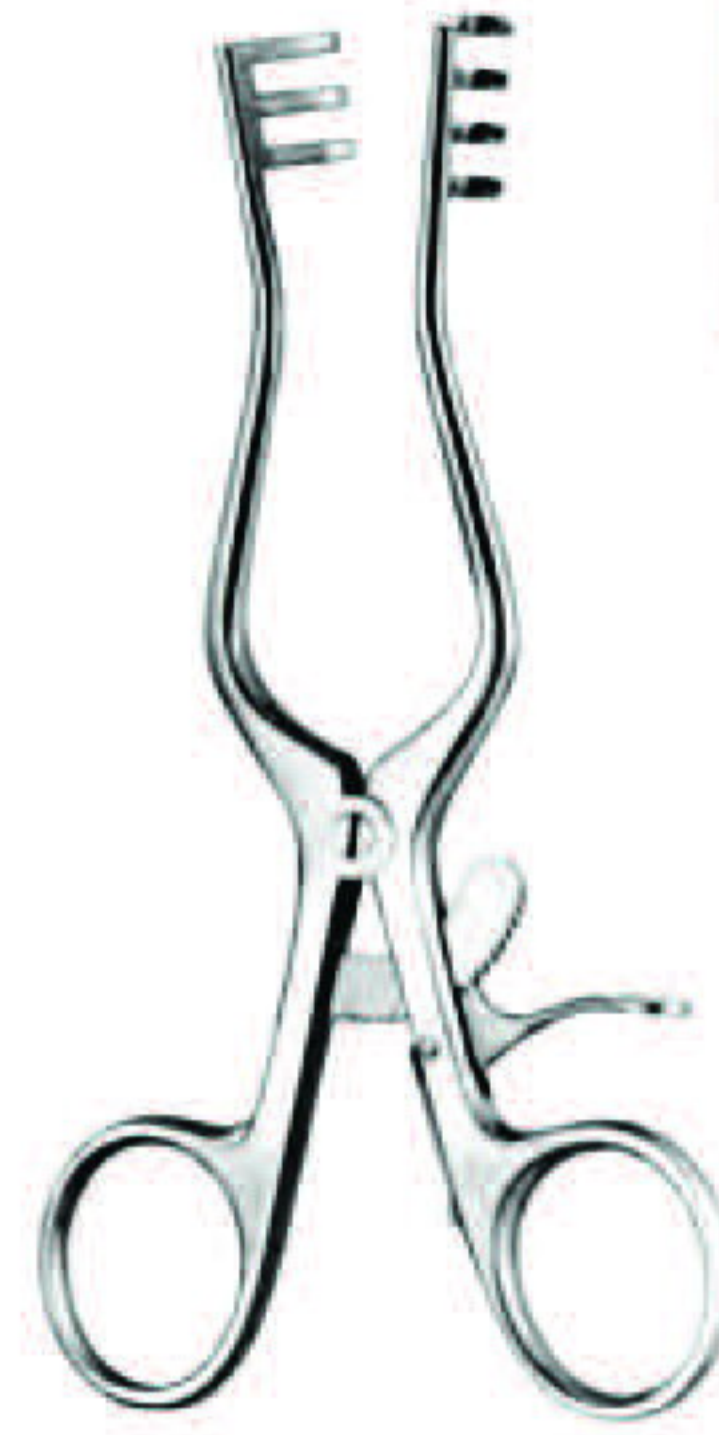
<p>JANSSEN 10 cm/3 1/8"</p>	<p>Fig. 1 20-5501-01</p>	<p>Fig. 3 3 x 3 20-5502-03</p>	<p>Fig. 2 3 x 3 20-5503-02</p>
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WEITLANER
2 : 2
20-5504-13 sharp
20-5505-13 blunt
13.5 cm/5 3/8"



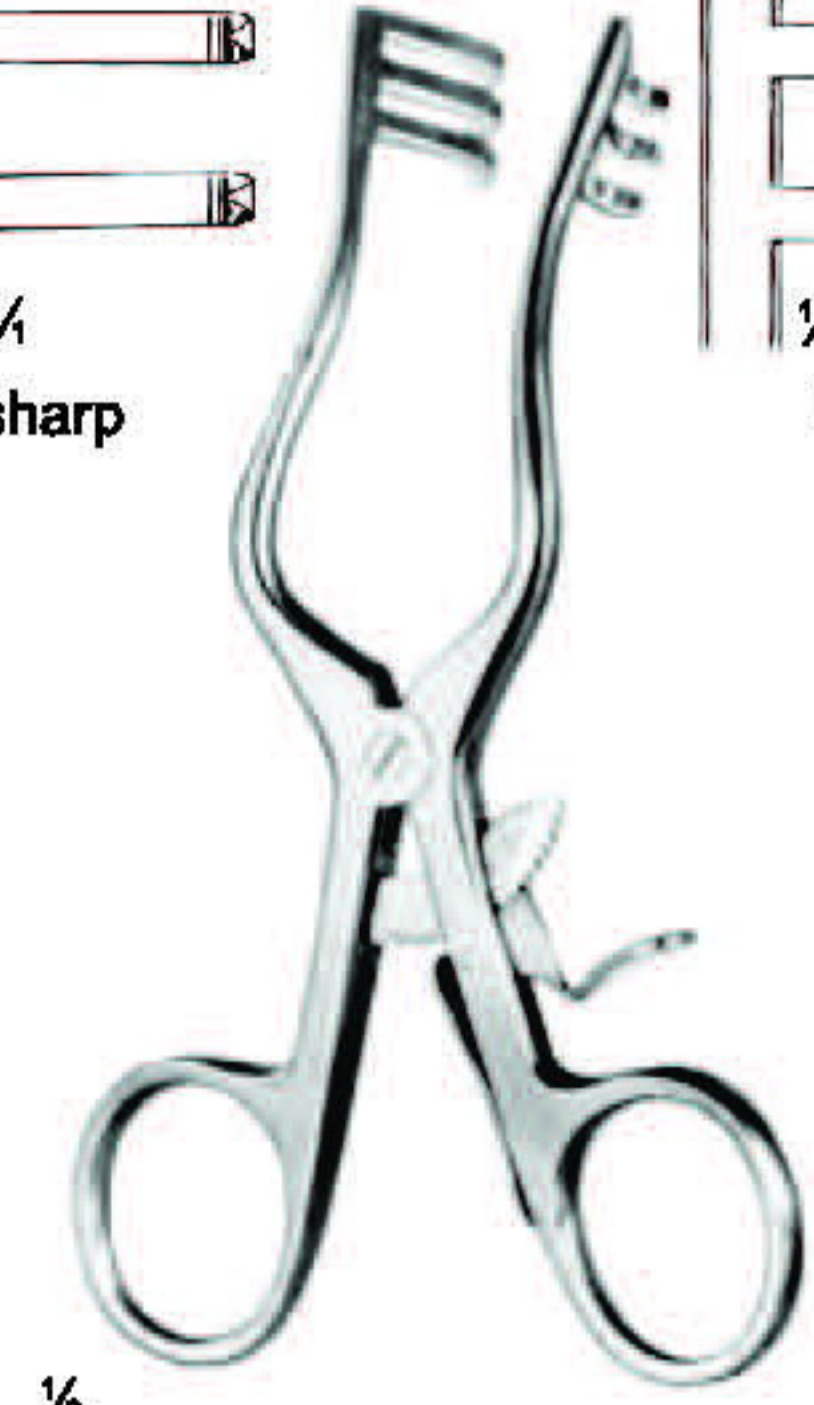
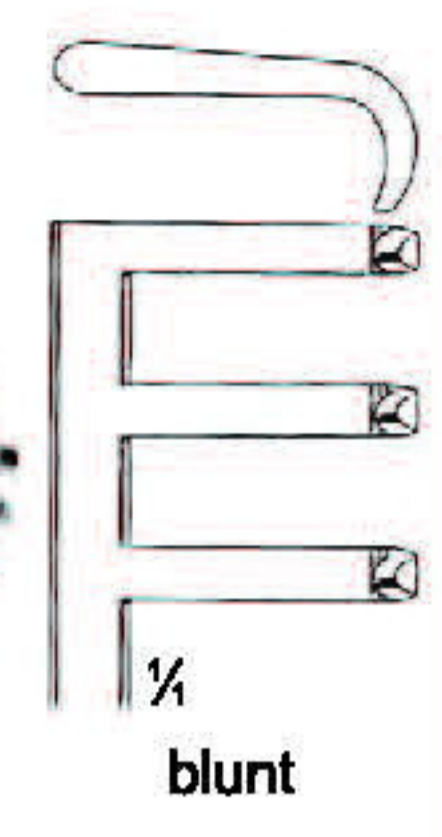
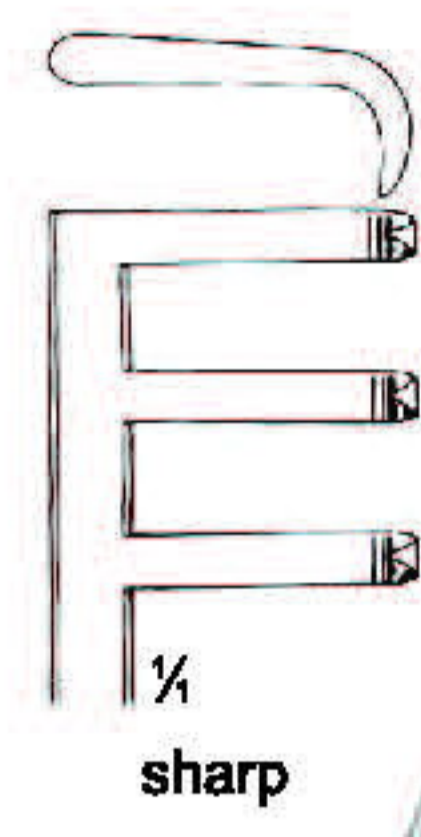
WEITLANER
2 : 2
20-5506-13 semi sharp
13.5 cm/5 3/8"



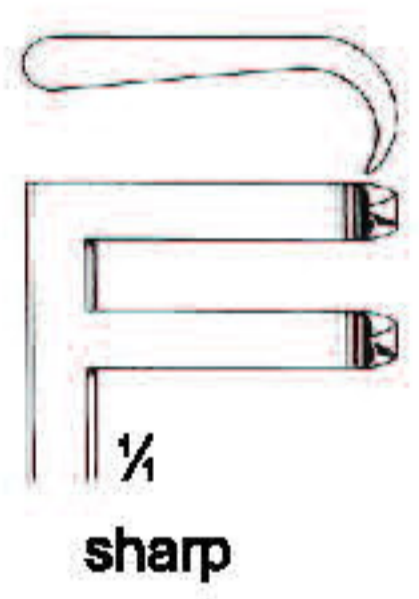
WEITLANER
2 : 3
20-5507-10 sharp
20-5508-10 blunt
10.5 cm/4 1/8"



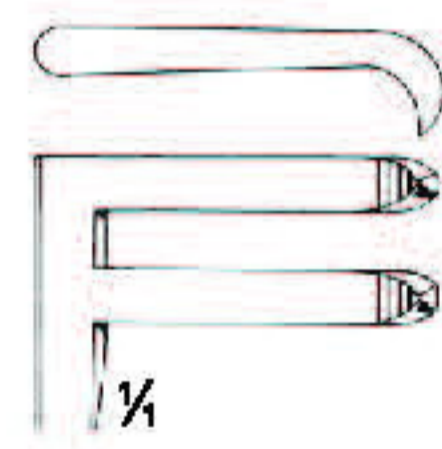
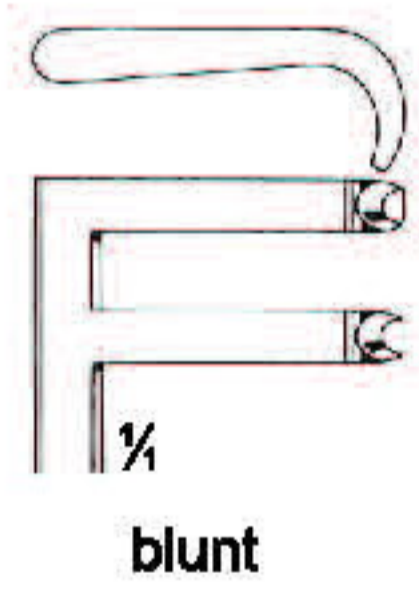
WEITLANER
3 : 4
20-5509-13 13 cm/5 1/8" sharp
20-5510-13 13 cm/5 1/8" blunt
20-5511-16 16.5 cm/6 1/2" sharp
20-5412-16 16.5 cm/6 1/2" blunt



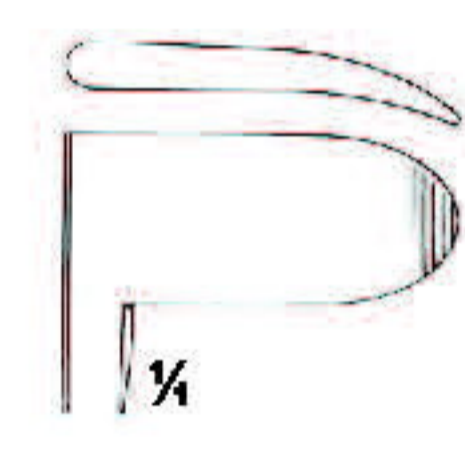
WEITLANER-WULLSTEIN
3 : 3
20-5513-13 sharp
20-5514-13 blunt
13 cm/5 1/8"



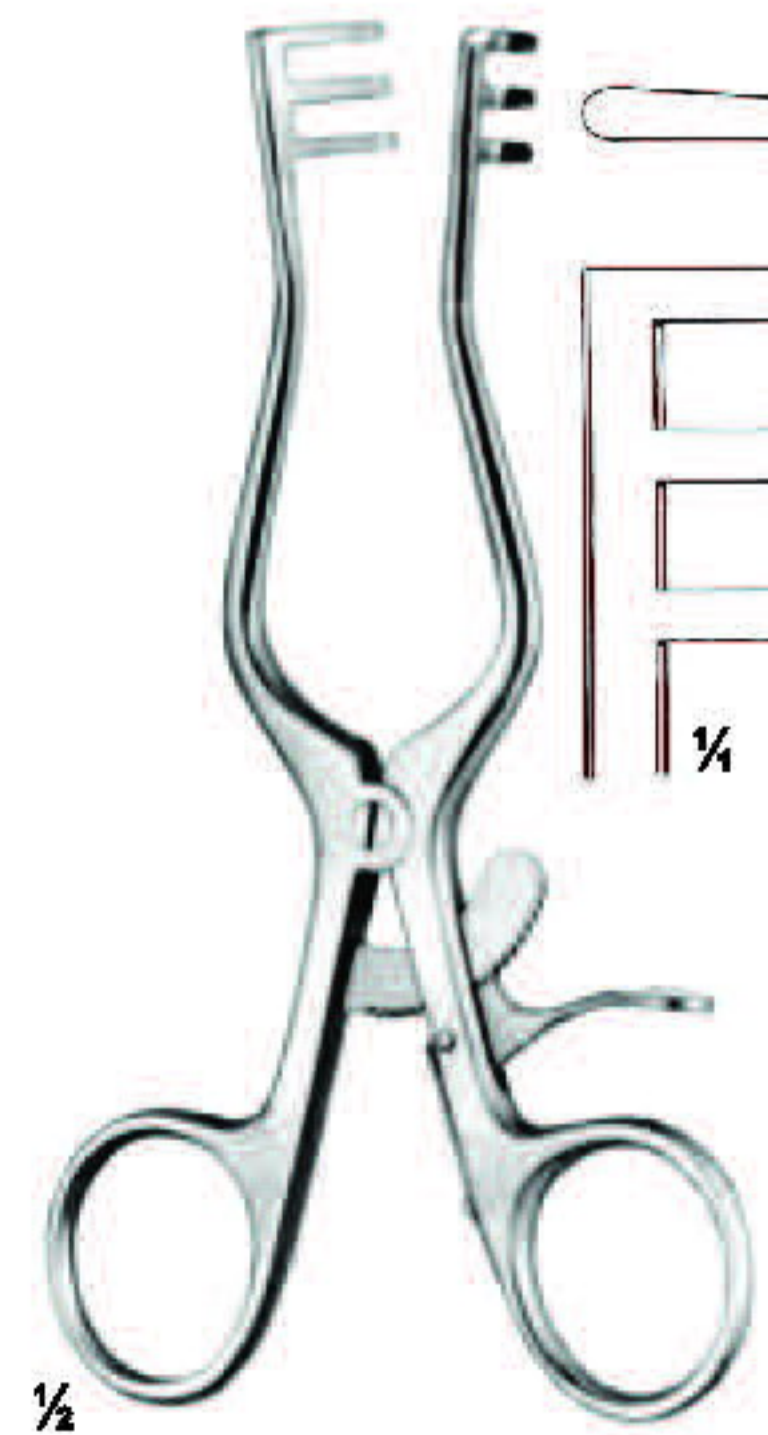
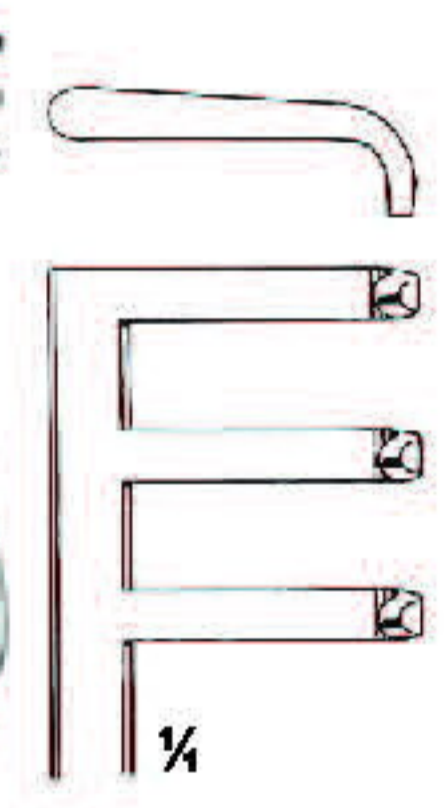
PLESTER
20-5515-13 sharp
20-5516-13 blunt
13 cm/5 1/8"



PLESTER
Blunt
20-5517-10
10.5 cm/4 1/8"



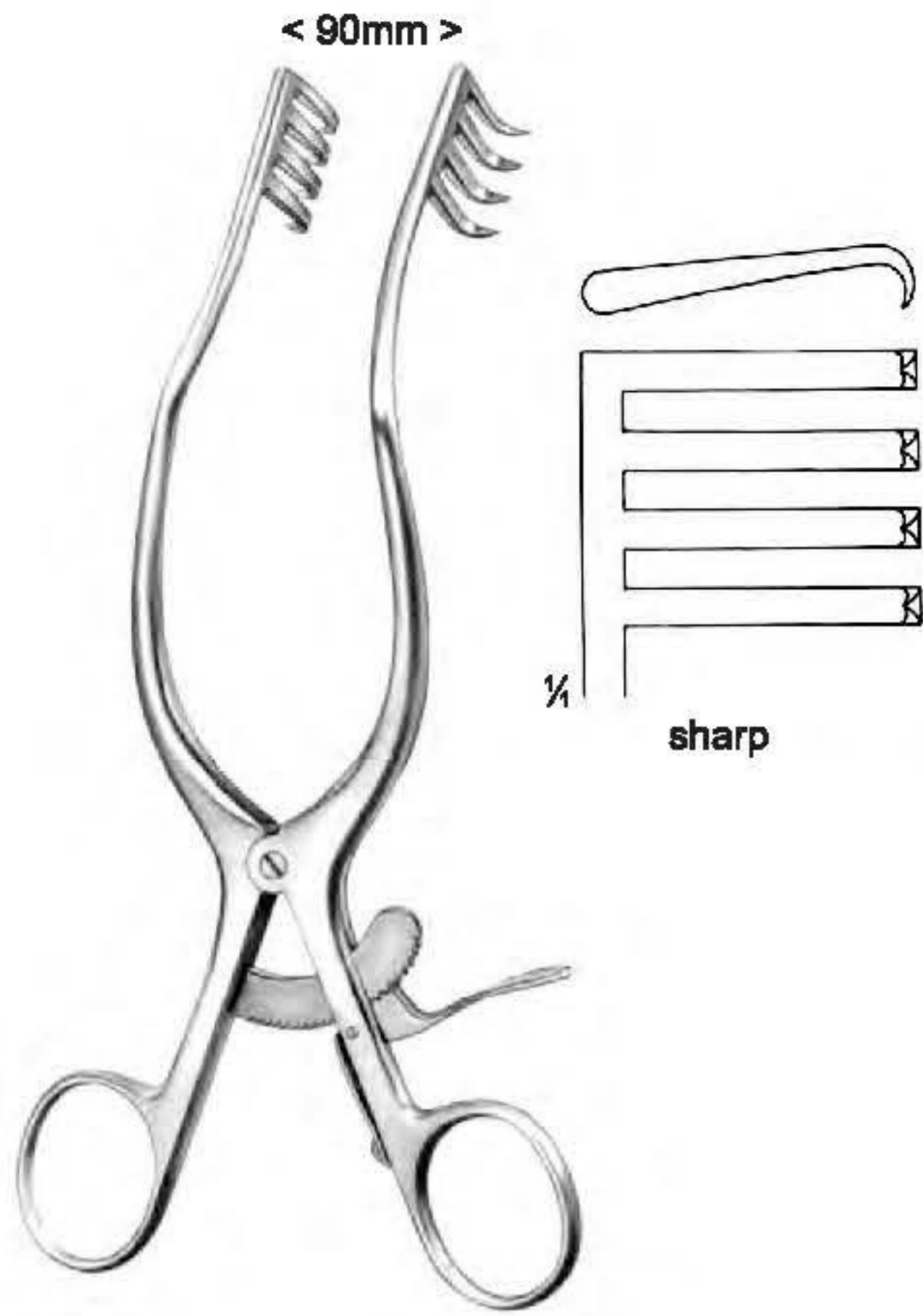
PLESTER
Blunt
20-5518-10
10.5 cm/4 1/8"



MILLIGAN
Blunt
20-5519-13
13.5 cm/5 3/8"

EN	Retractors
DE	Wundhaken
ES	Separadores
FR	Rétracteurs
IT	Divaricatori

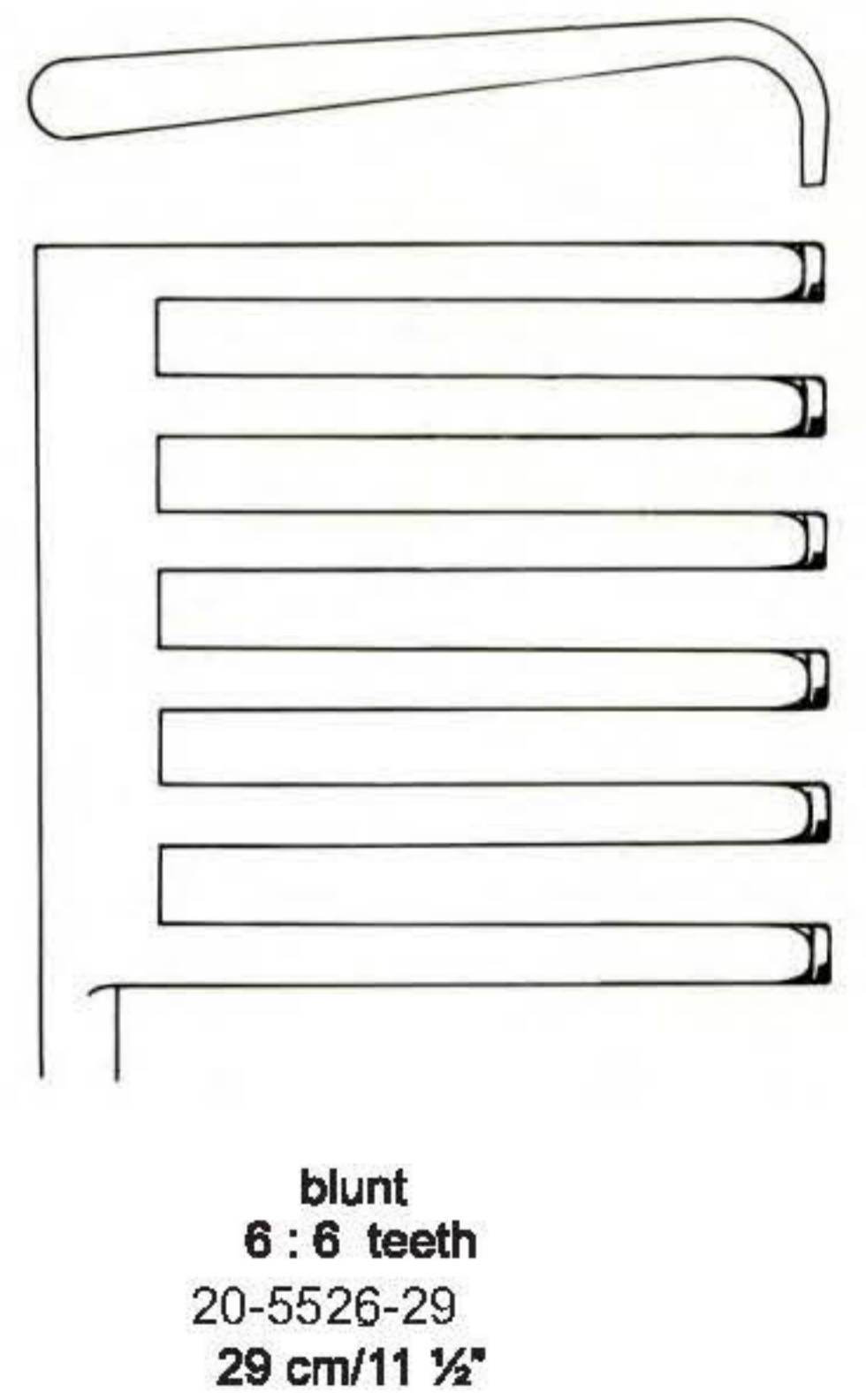
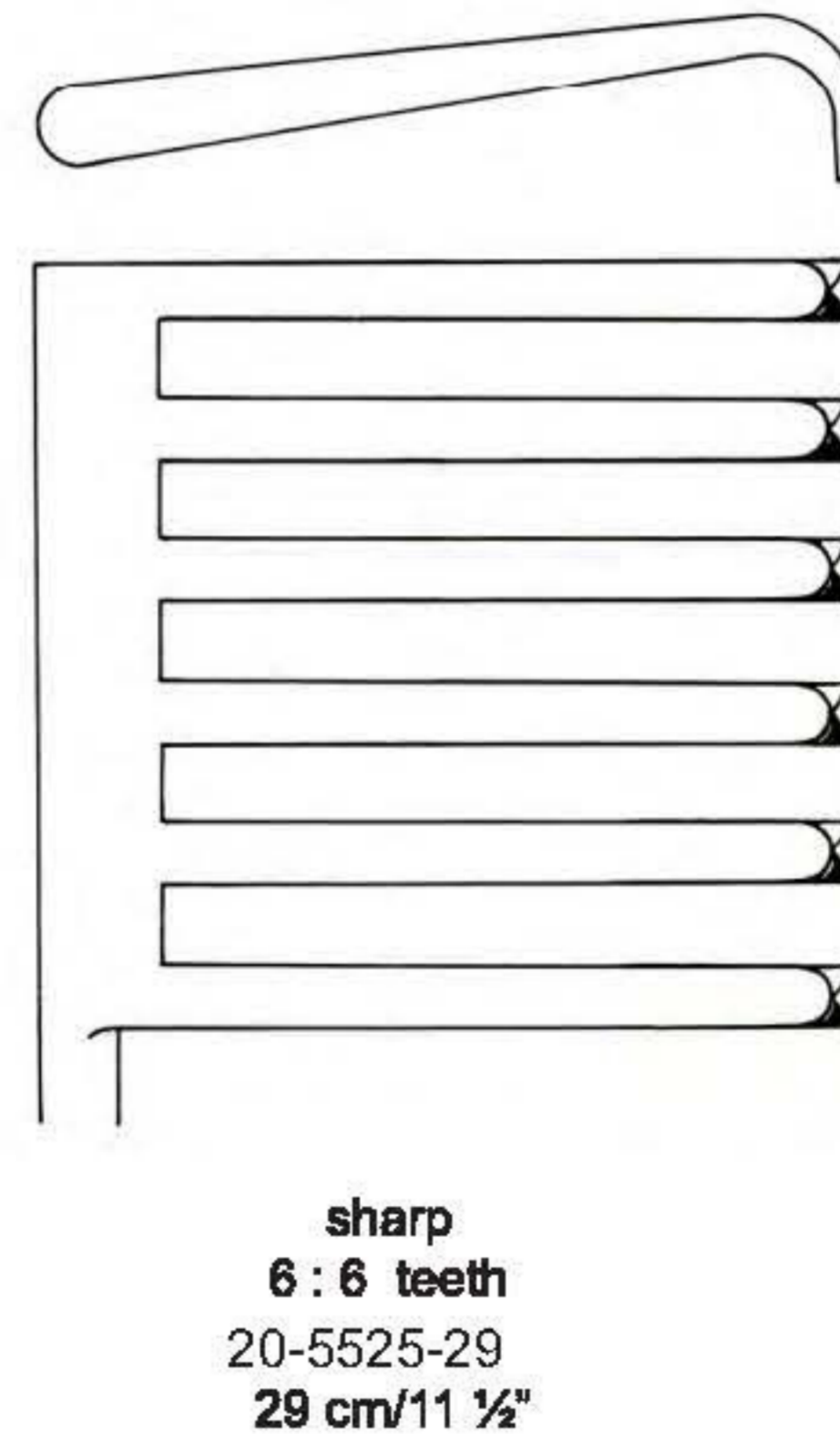
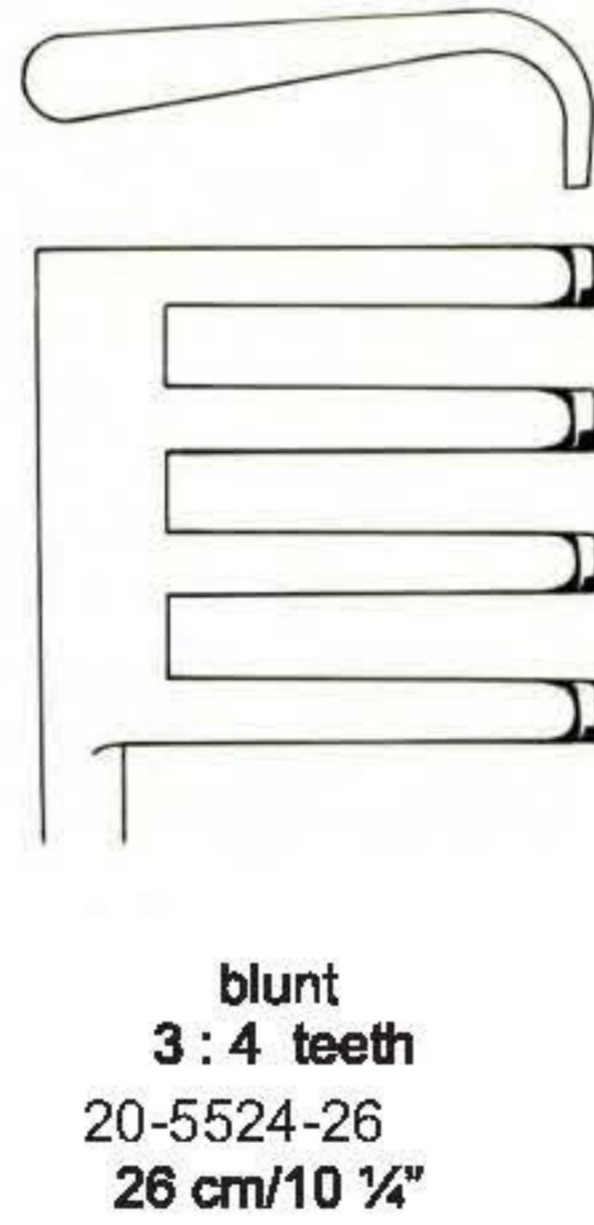
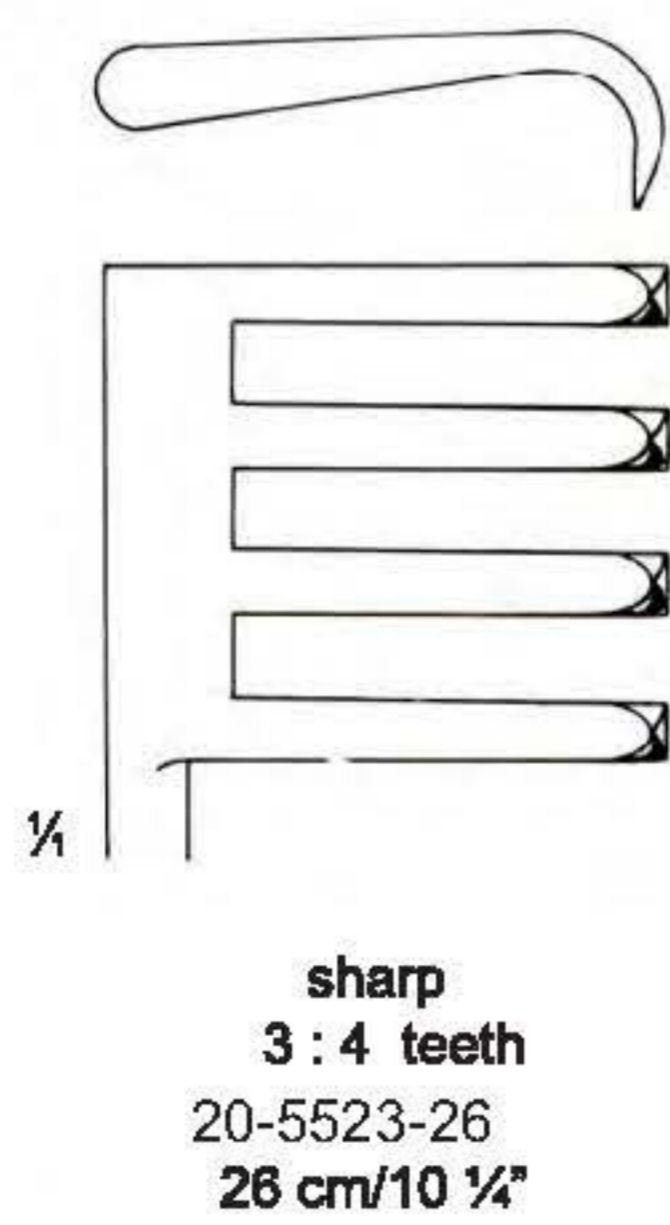
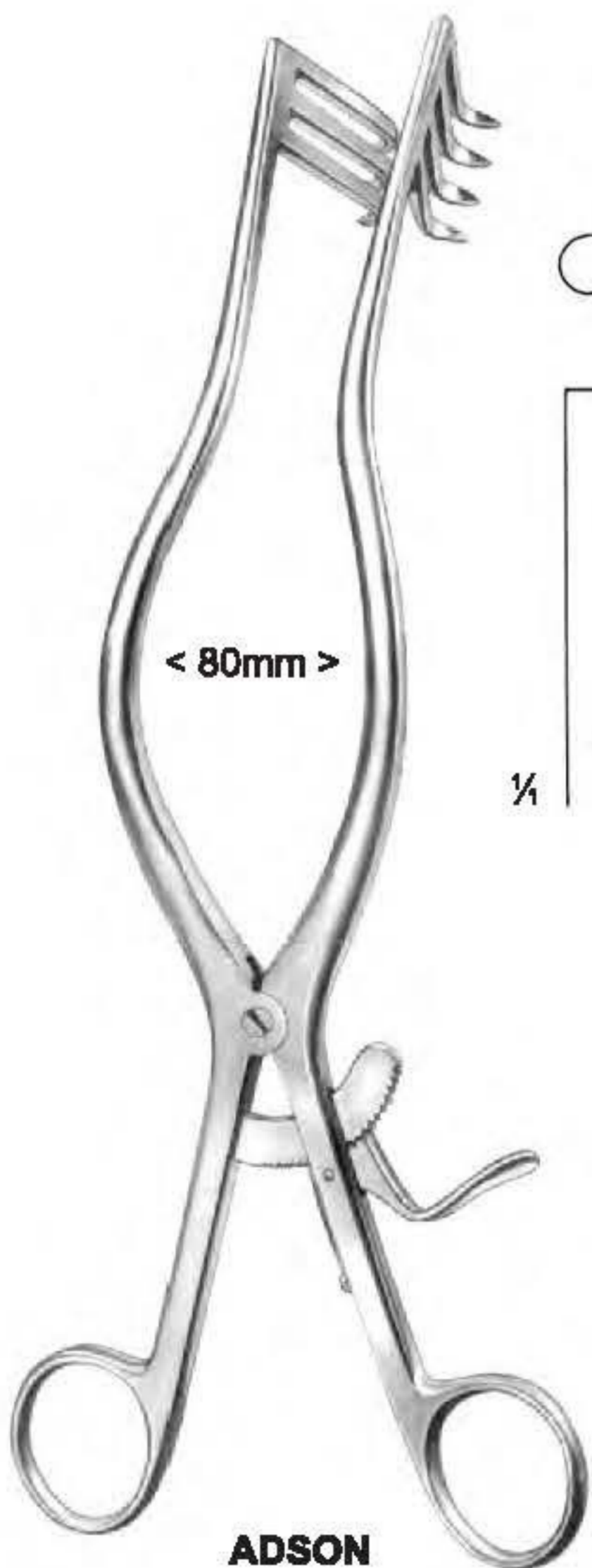
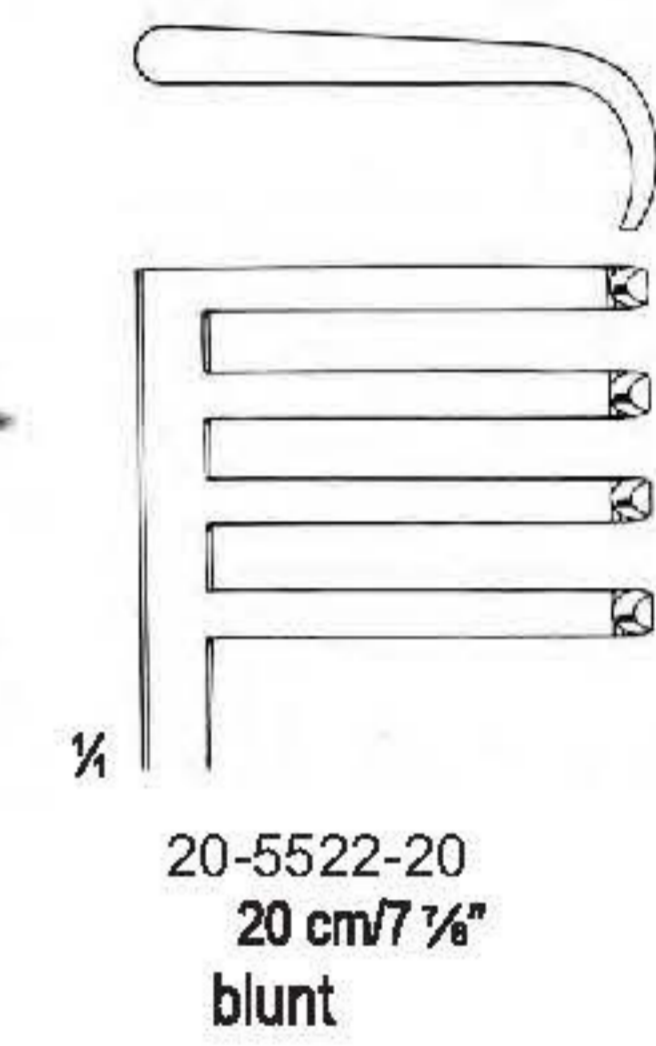
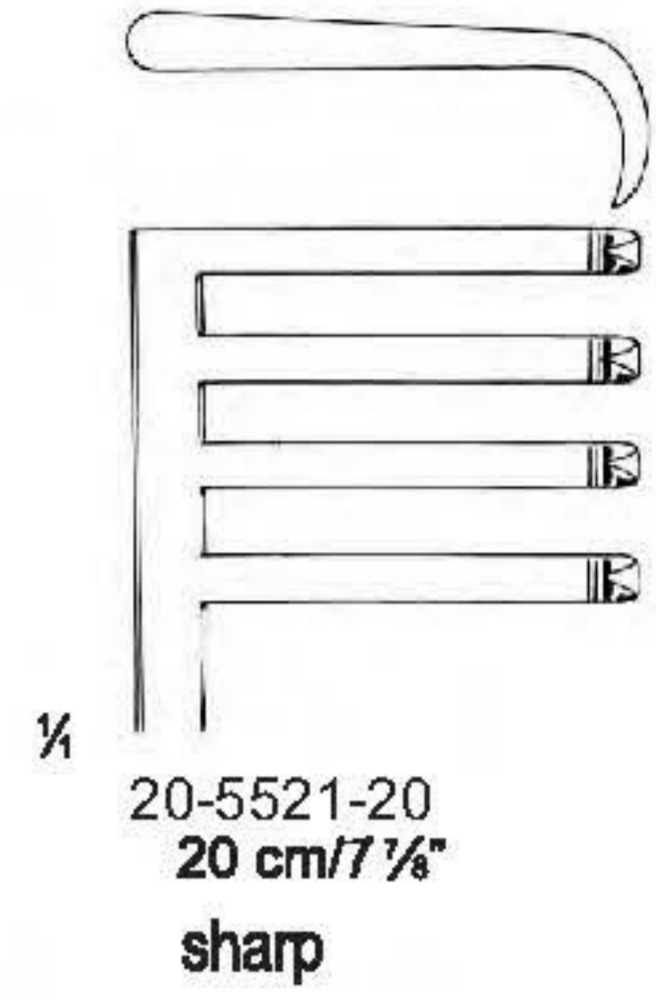
RETRACTORS

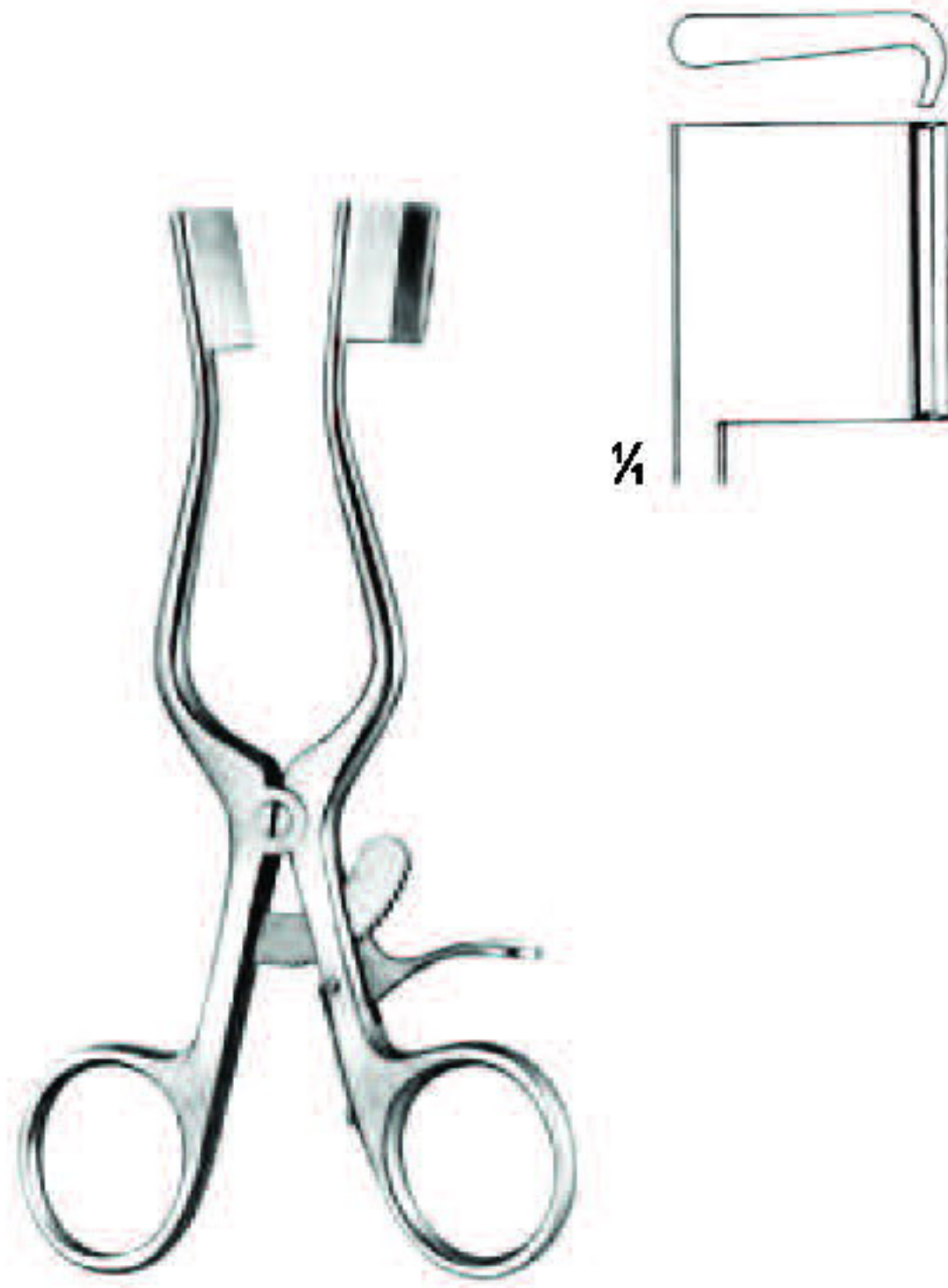


ANDERSON - ADSON
4 : 4
20-5520-19
19 cm/7 1/2"

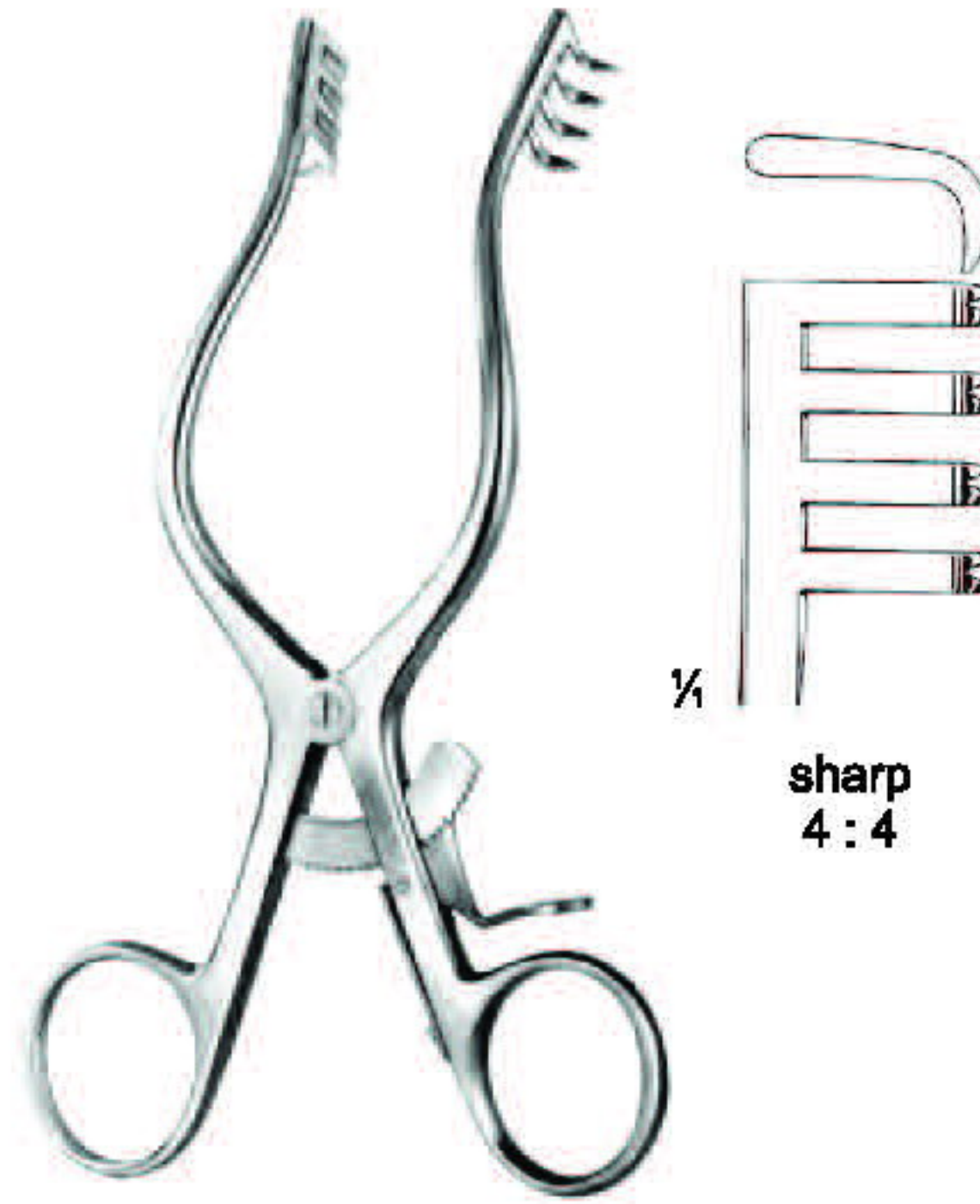


WEITLANER
3 : 4

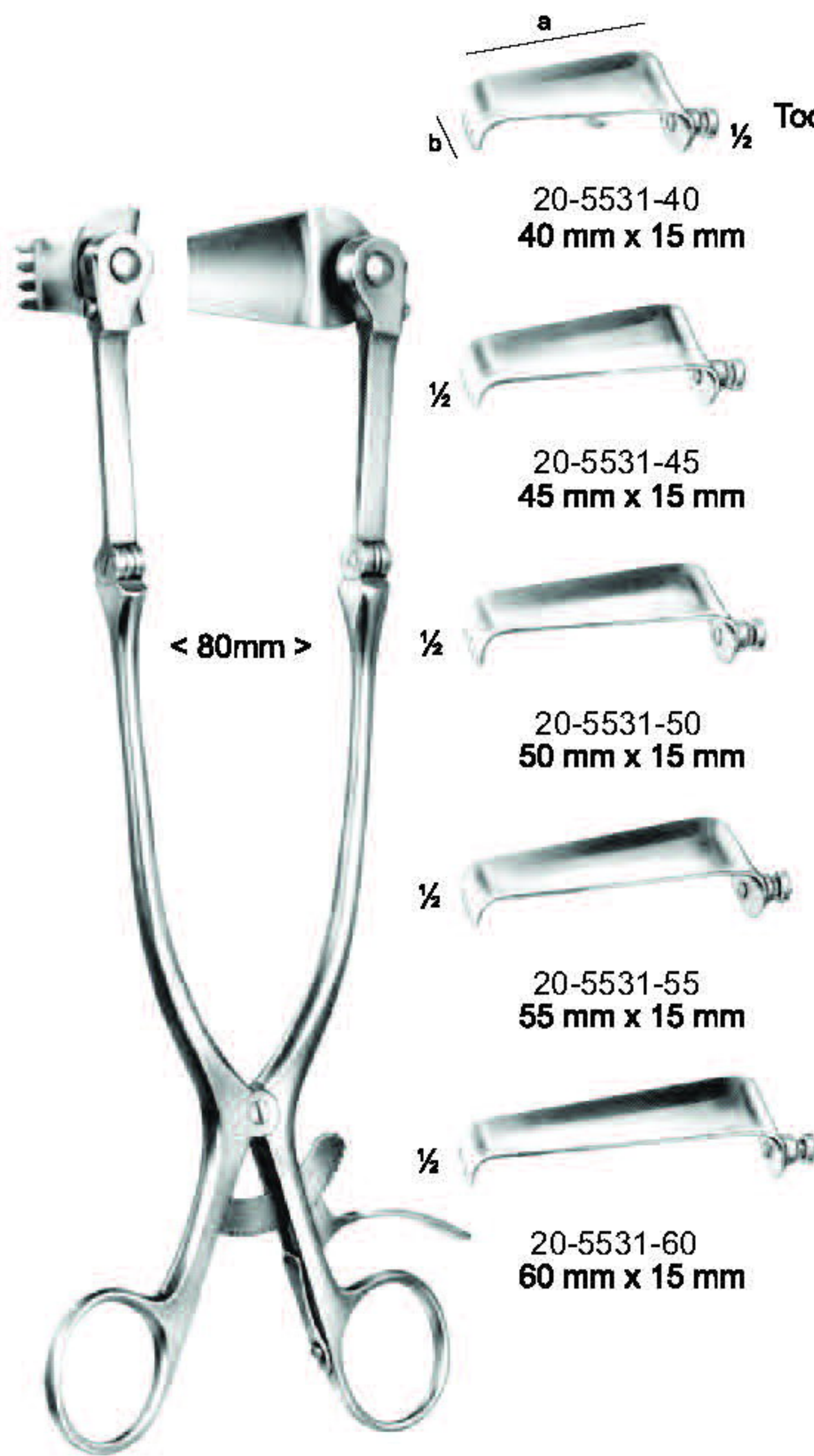




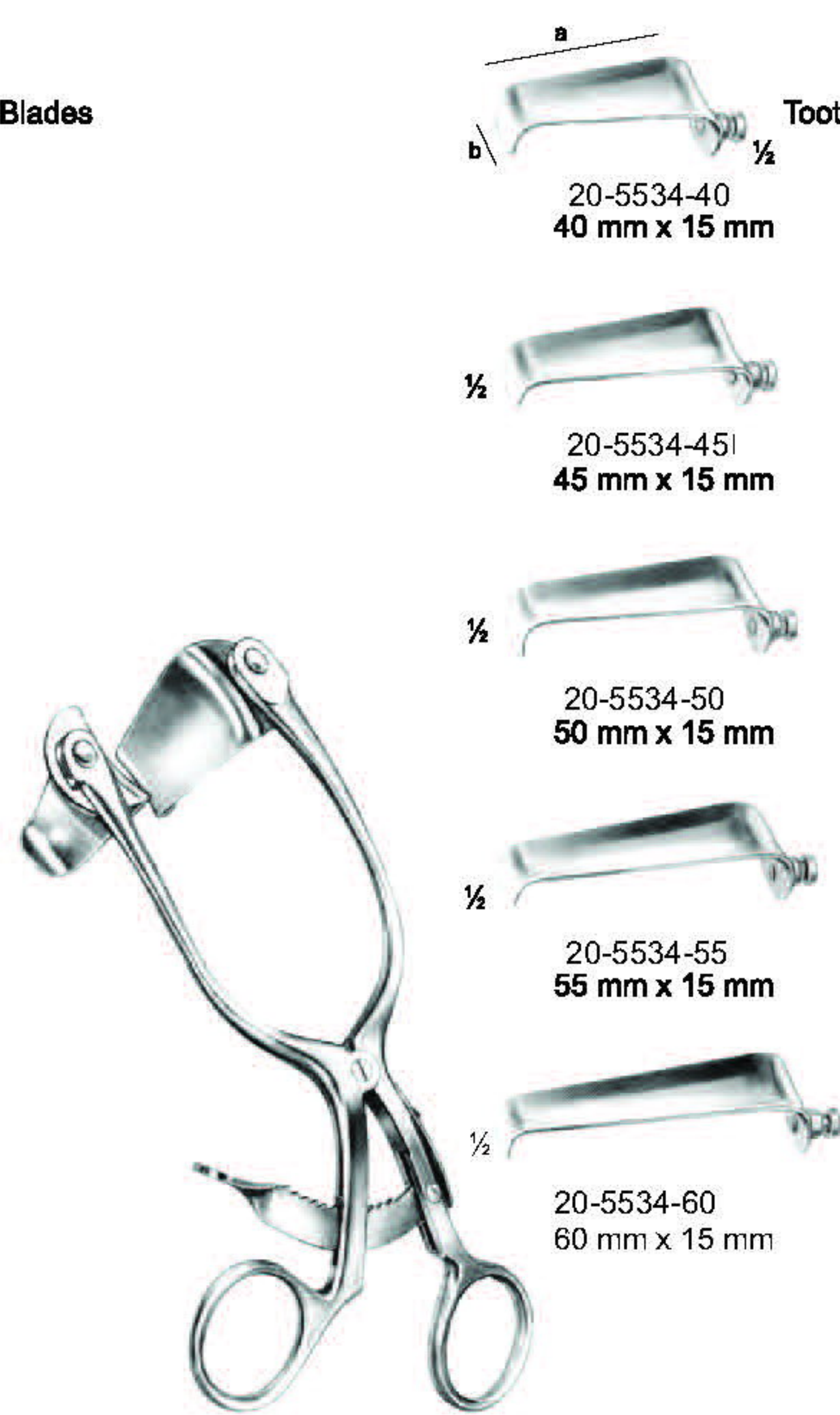
WEITLANER-BABY
 20-5527-13
 13.5 cm/5 1/8"



MOLLISON
 20-5528-15
 15.5 cm/6 1/8"



CLOWARD
 20-5529-25 - Retractor complete (with 2 blades ea.)
 20-5530-25 - Retractor only
 25 cm/9 1/8"



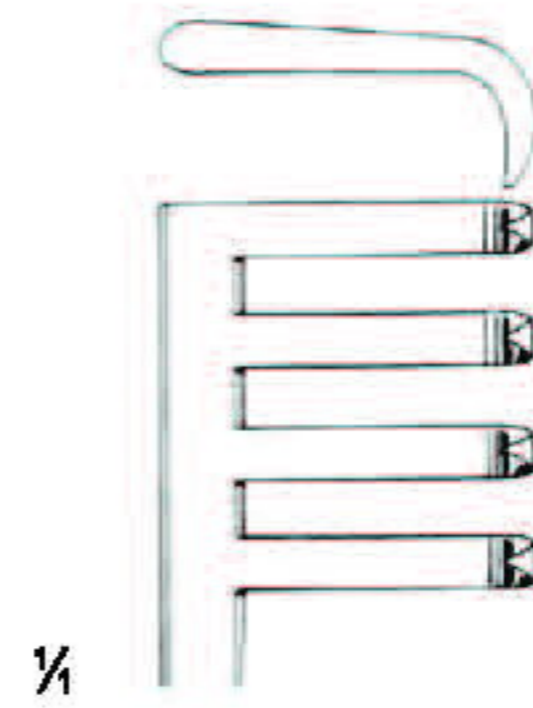
CLOWARD
 20-5532-16 - Retractor complete (with 2 blades ea.)
 20-5533-16 - Retractor only
 16 cm/6 1/4"

EN	Retractors
DE	Wundhaken
ES	Separadores
FR	Rétracteurs
IT	Divaricatori

RETRACTORS

sharp

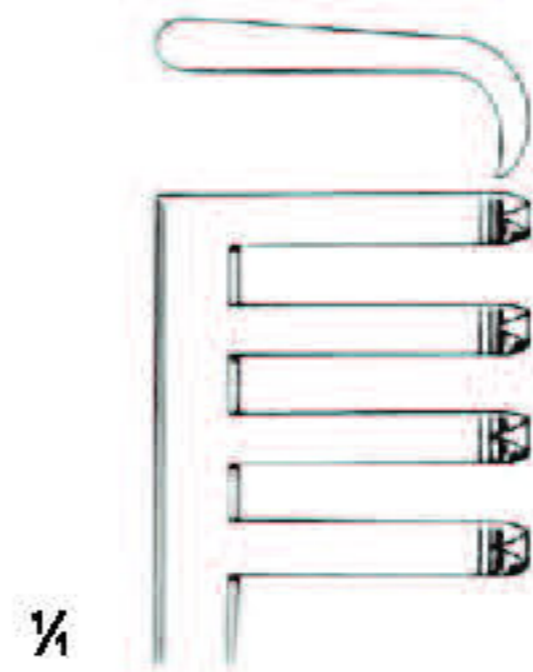
blunt



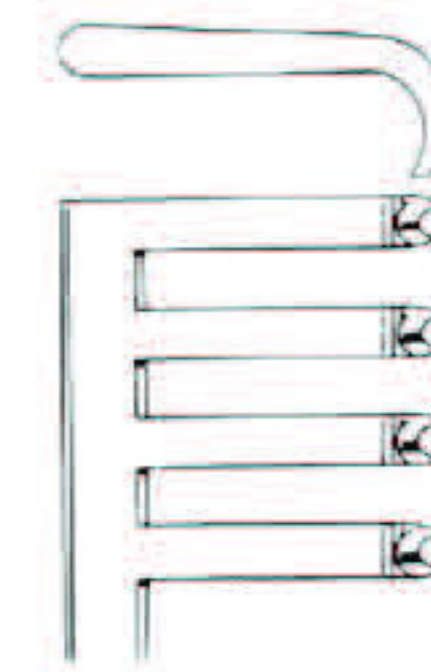
20-5535-13
13.5 cm/5 1/2"
3 : 4



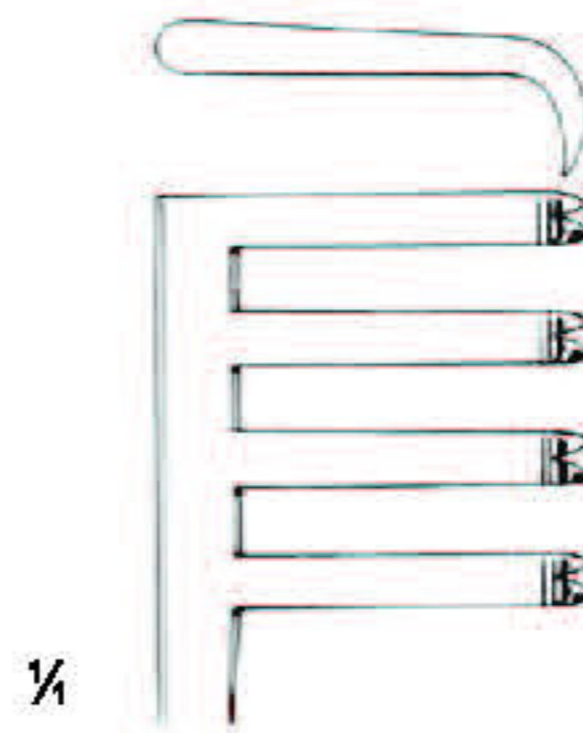
20-5536-13
13.5 cm/5 1/2"
3 : 4



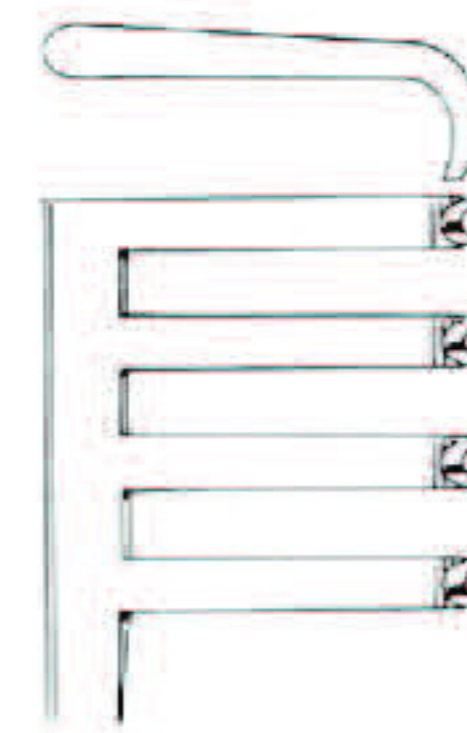
20-5537-16
16.5 cm/6 1/2"
3 : 4



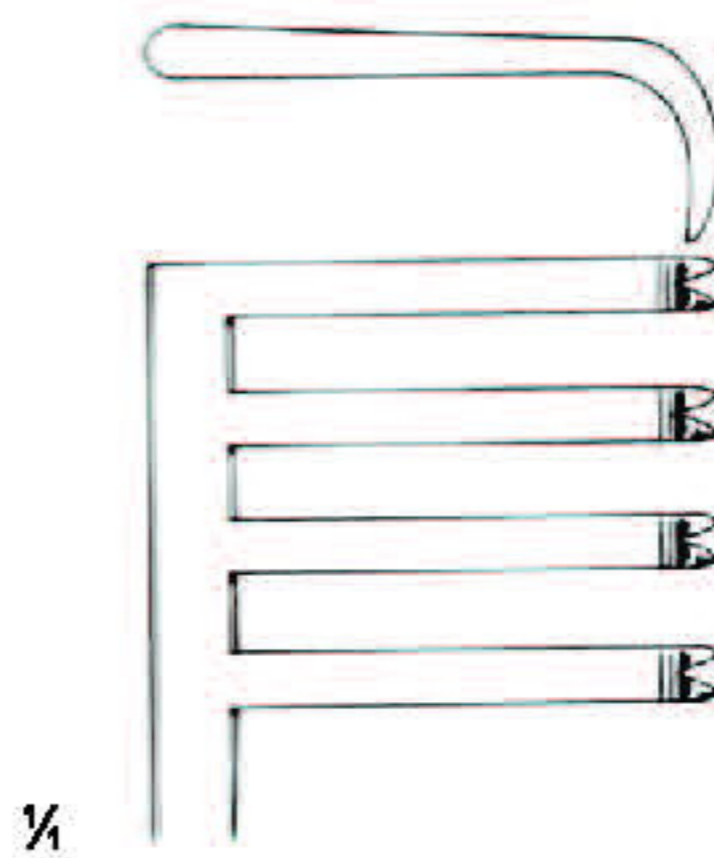
20-5538-16
16.5 cm/6 1/2"
3 : 4



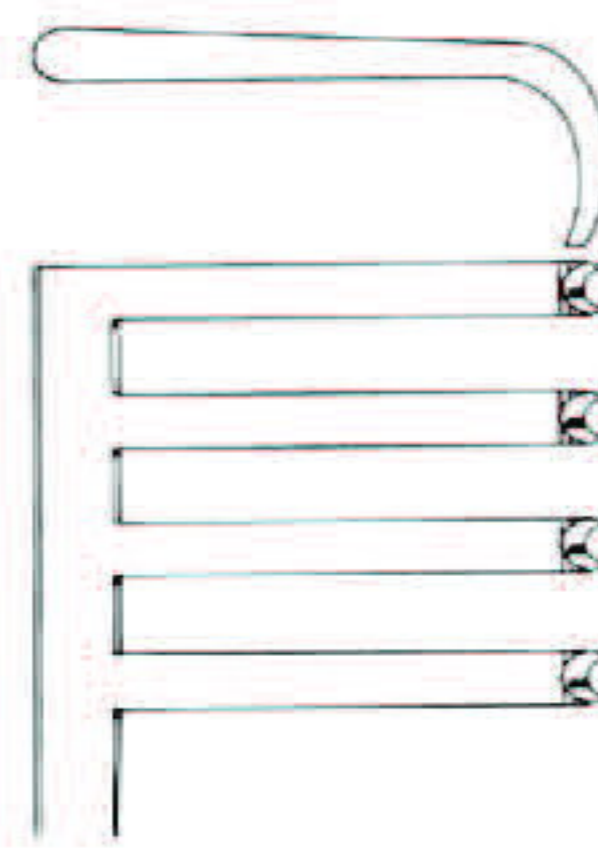
20-5539-21
21 cm/8 1/4"
3 : 4



20-5540-21
21 cm/8 1/4"
3 : 4



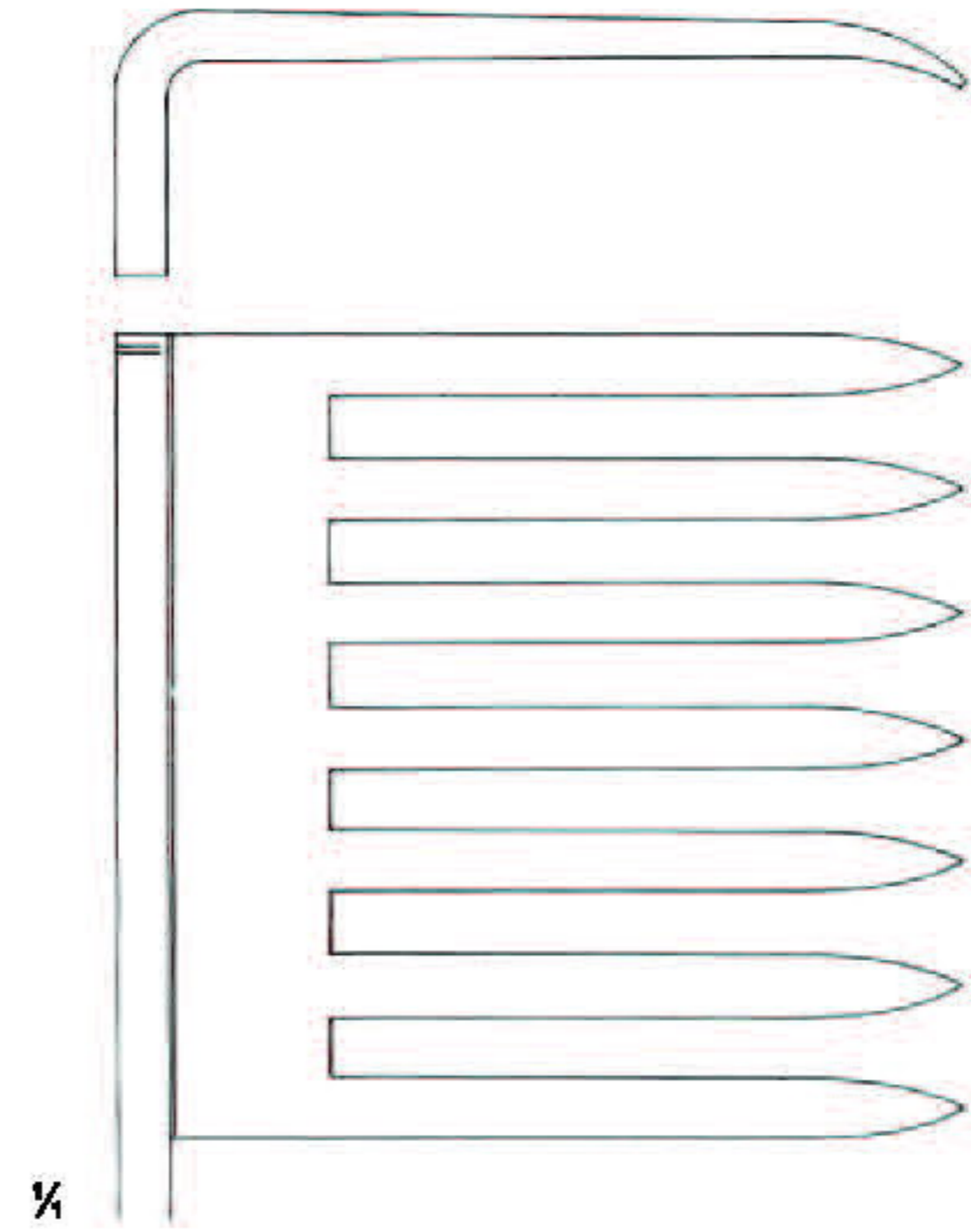
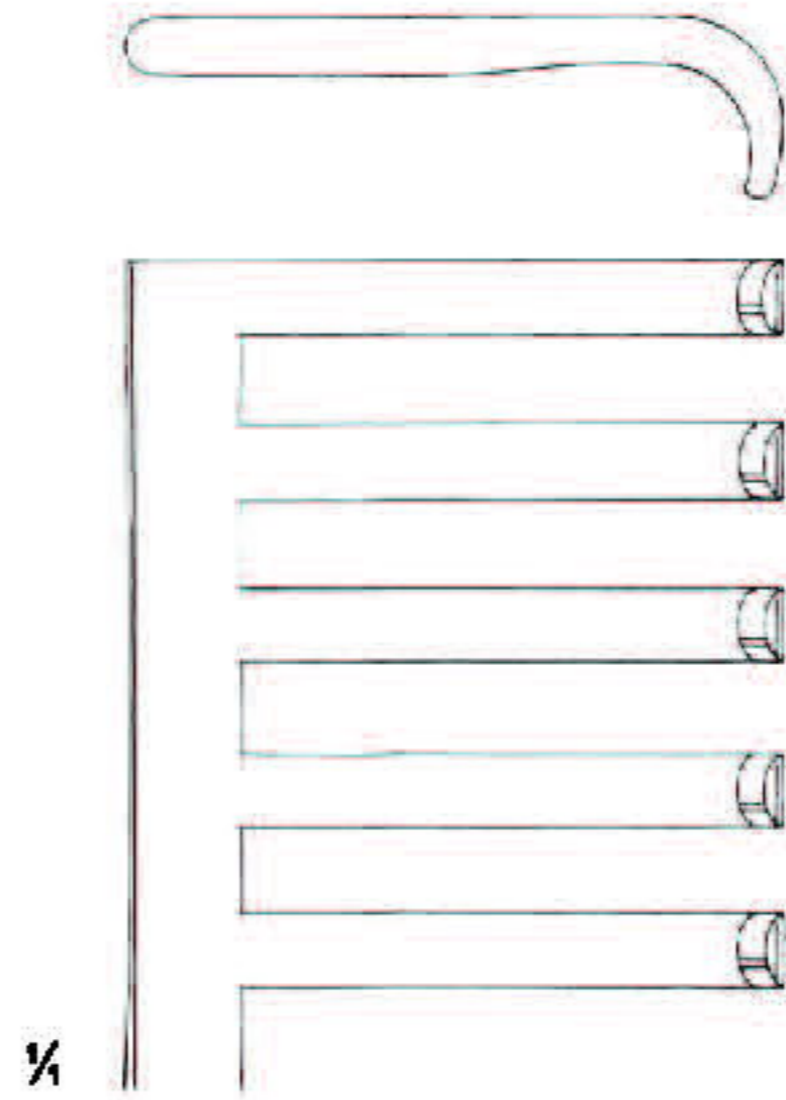
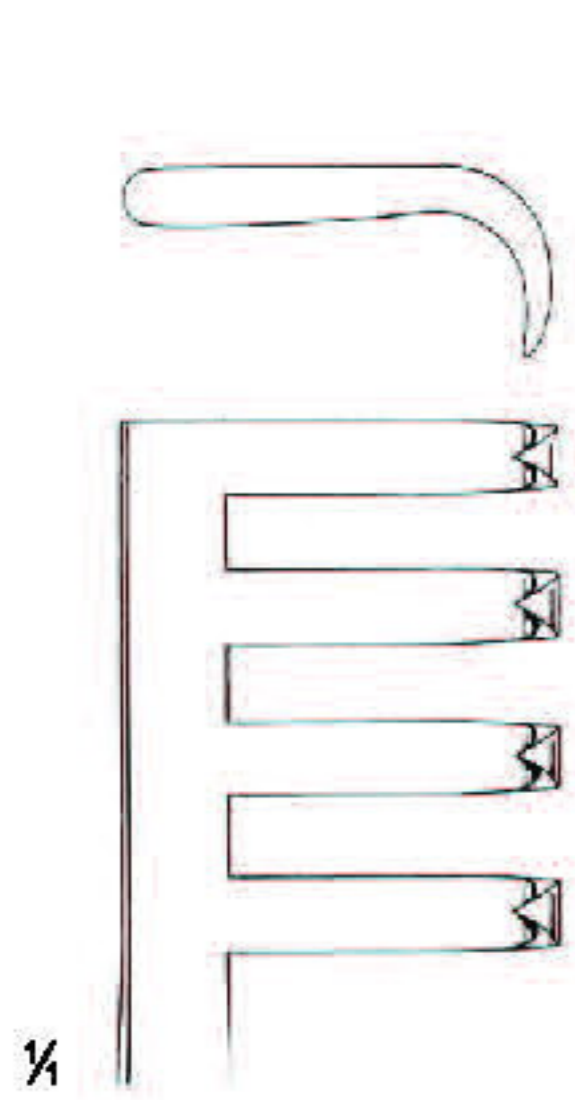
20-5541-24
24.5 cm/9 5/8"
3 : 4



20-5542-24
24.5 cm/9 5/8"
3 : 4



ADSON



BECKMANN
 20-5543-31
 31 cm/12 1/4"
 4 : 4
 sharp



ADSON
 20-5544-32
 32 cm/12 1/2"
 4 : 5
 blunt



BECKMANN-EATON
 20-5545-32
 32 cm/12 1/2"
 7 : 7
 Sharp

Measurements of retractors: Depth x Width

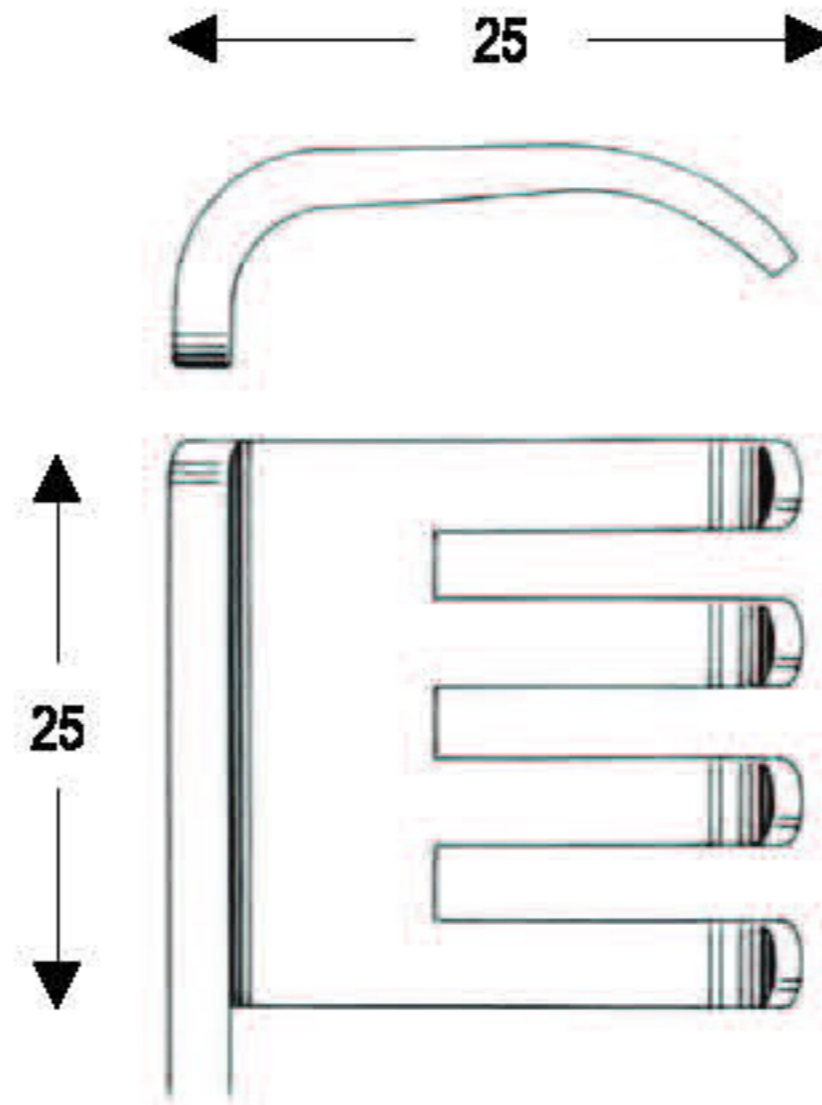
EN	Retractors
DE	Wundhaken
ES	Separadores
FR	Rétracteurs
IT	Divaricatori

RETRACTORS

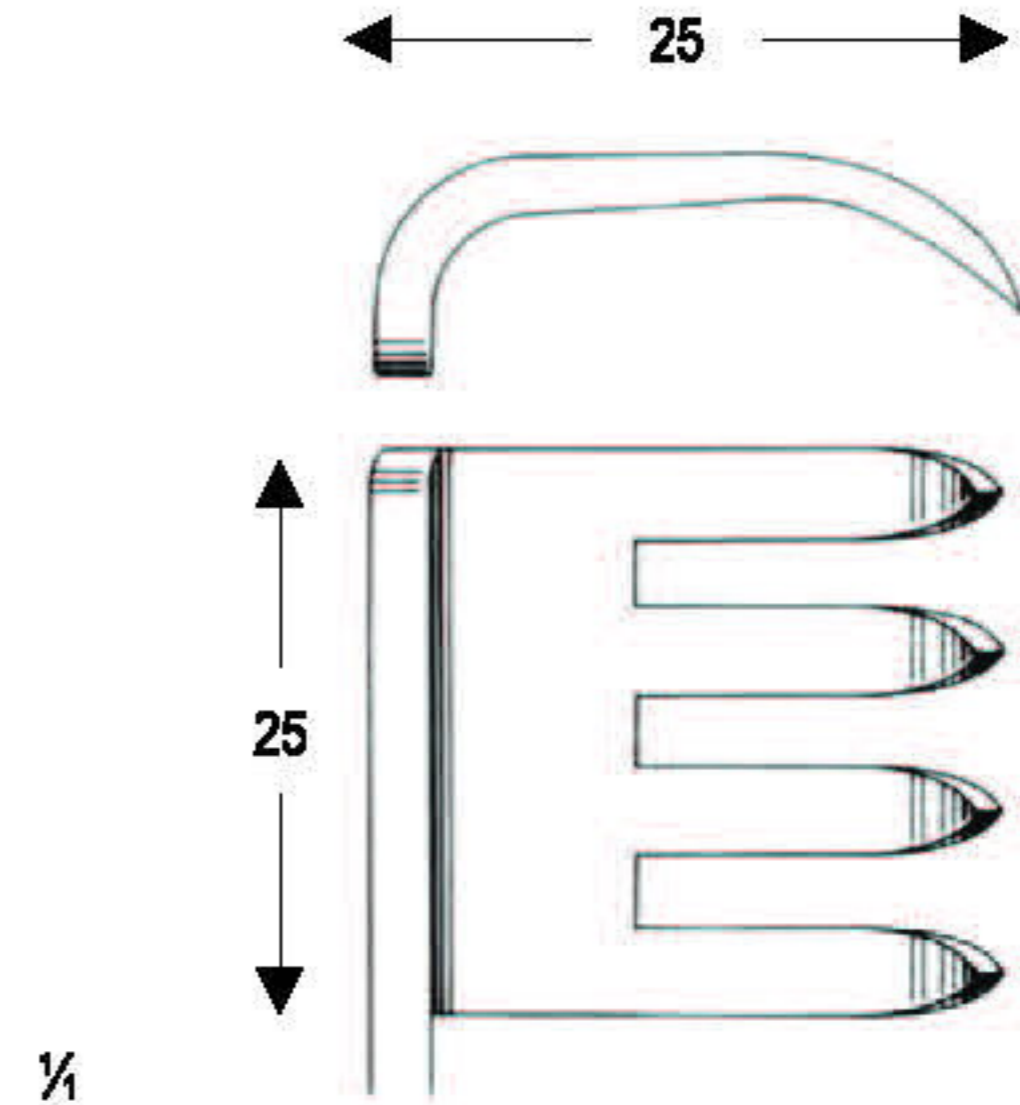


1/2

BECKMAN-ADSON
30.5 cm/12"
4 : 4

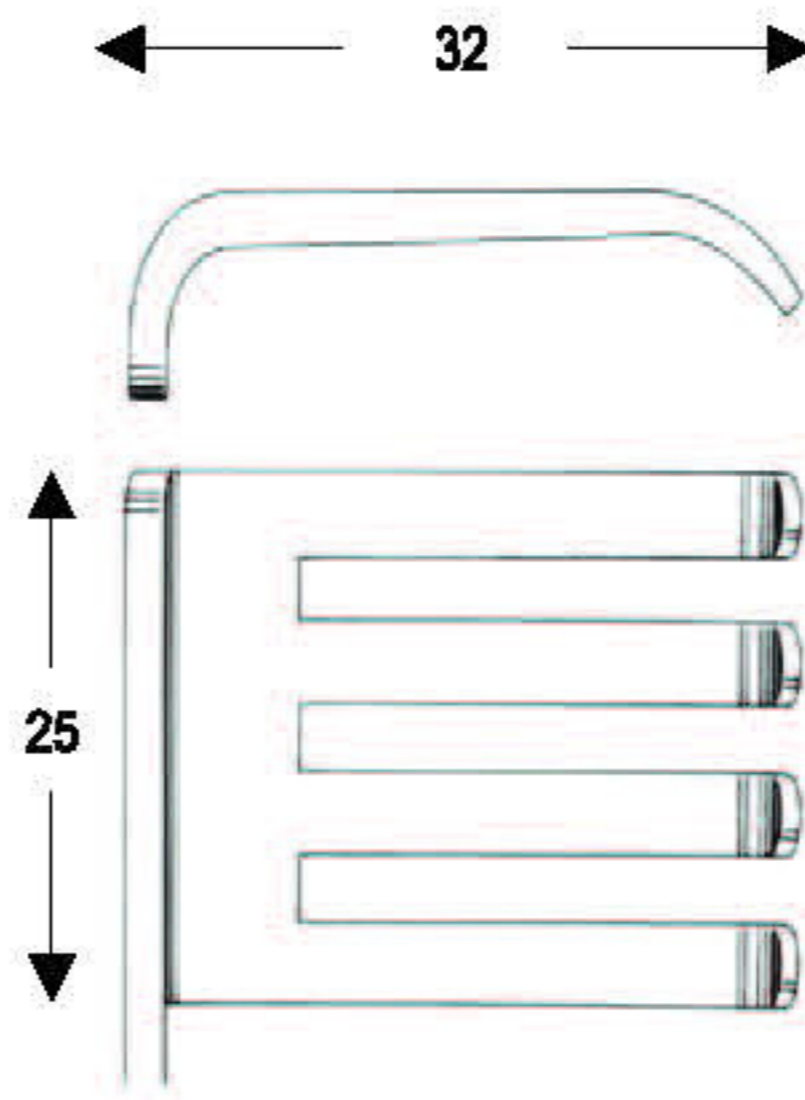


20-5546-30
blunt

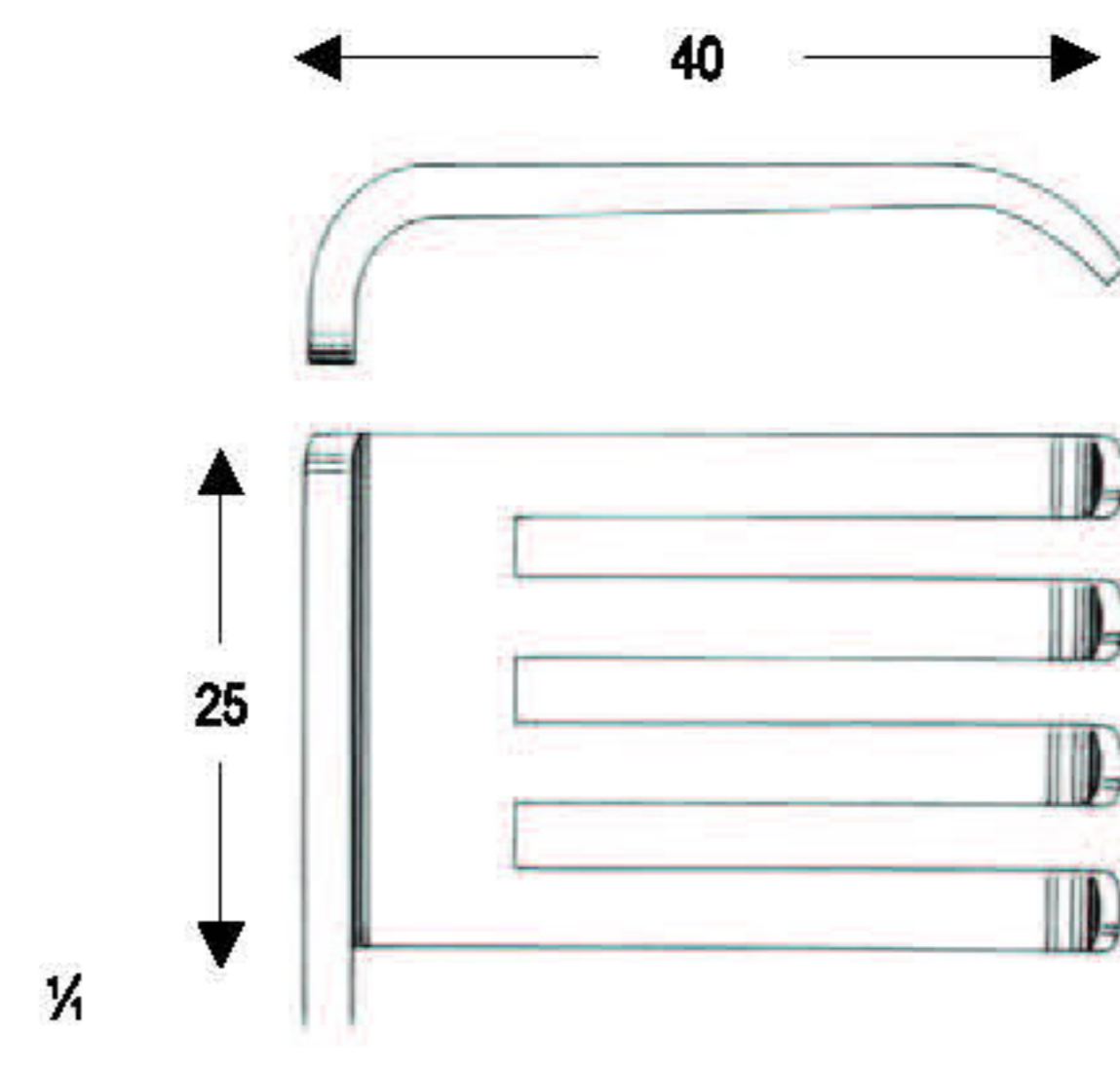


1/4

20-5547-30
sharp

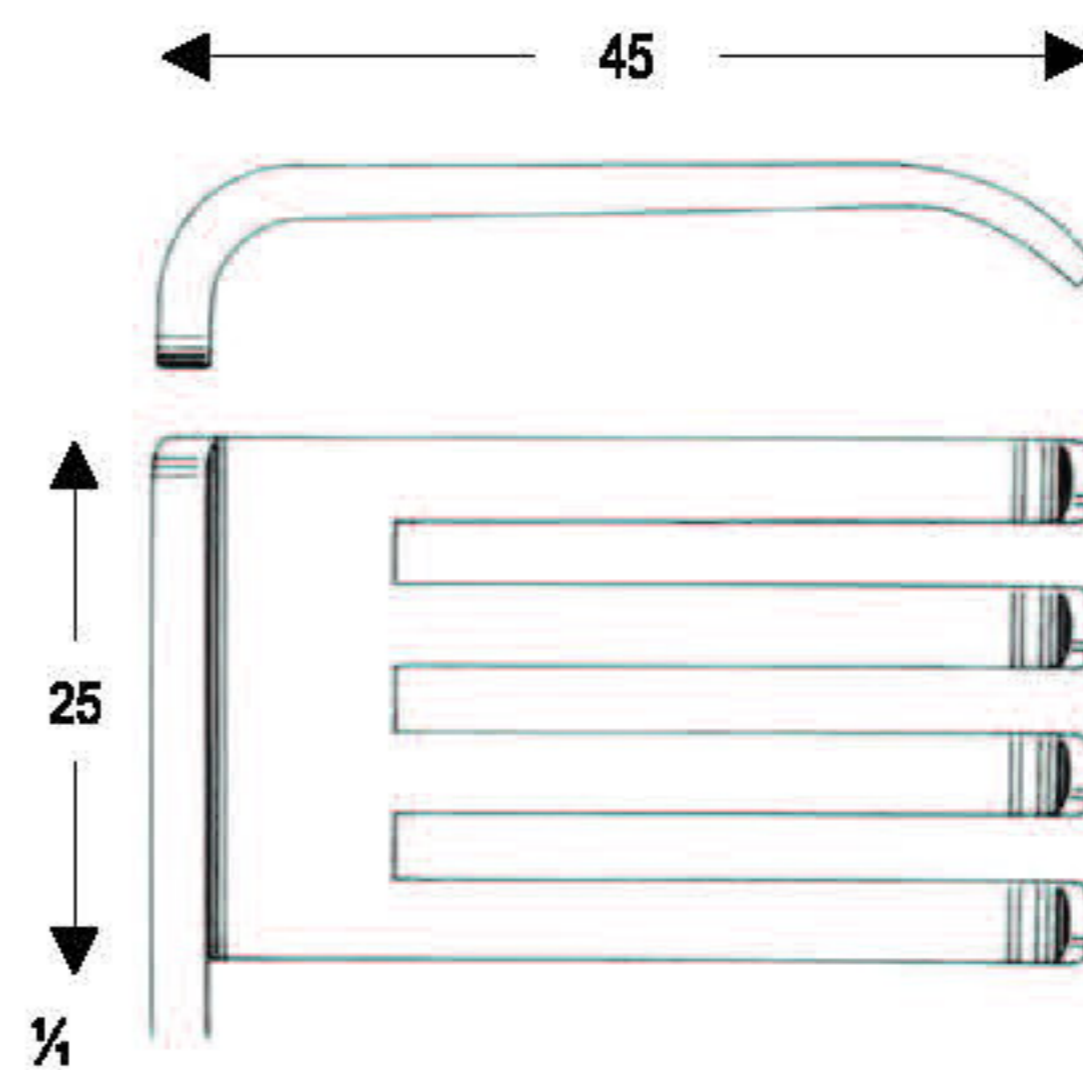


20-5548-30
blunt



1/4

20-5549-30
blunt

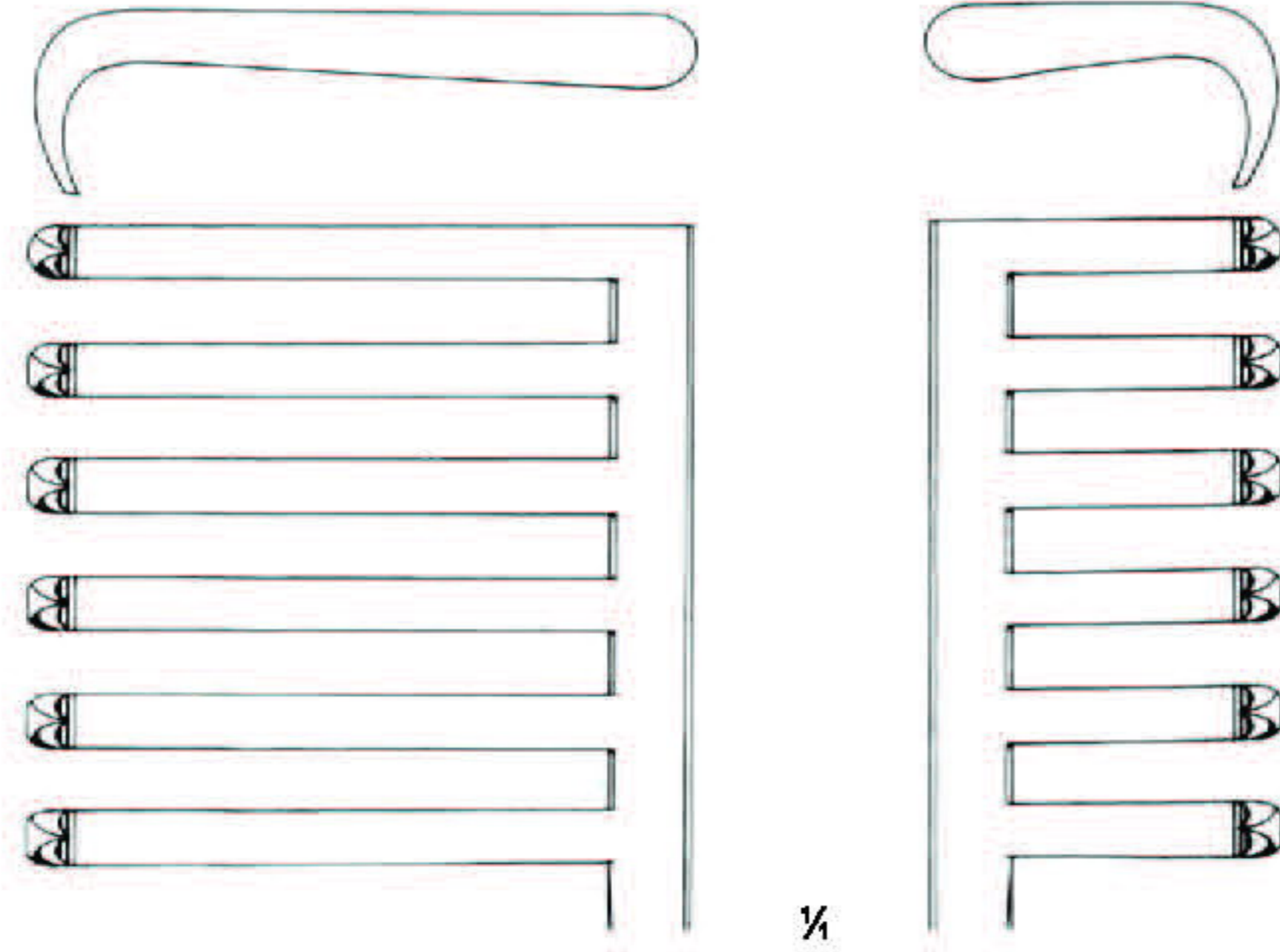


1/4

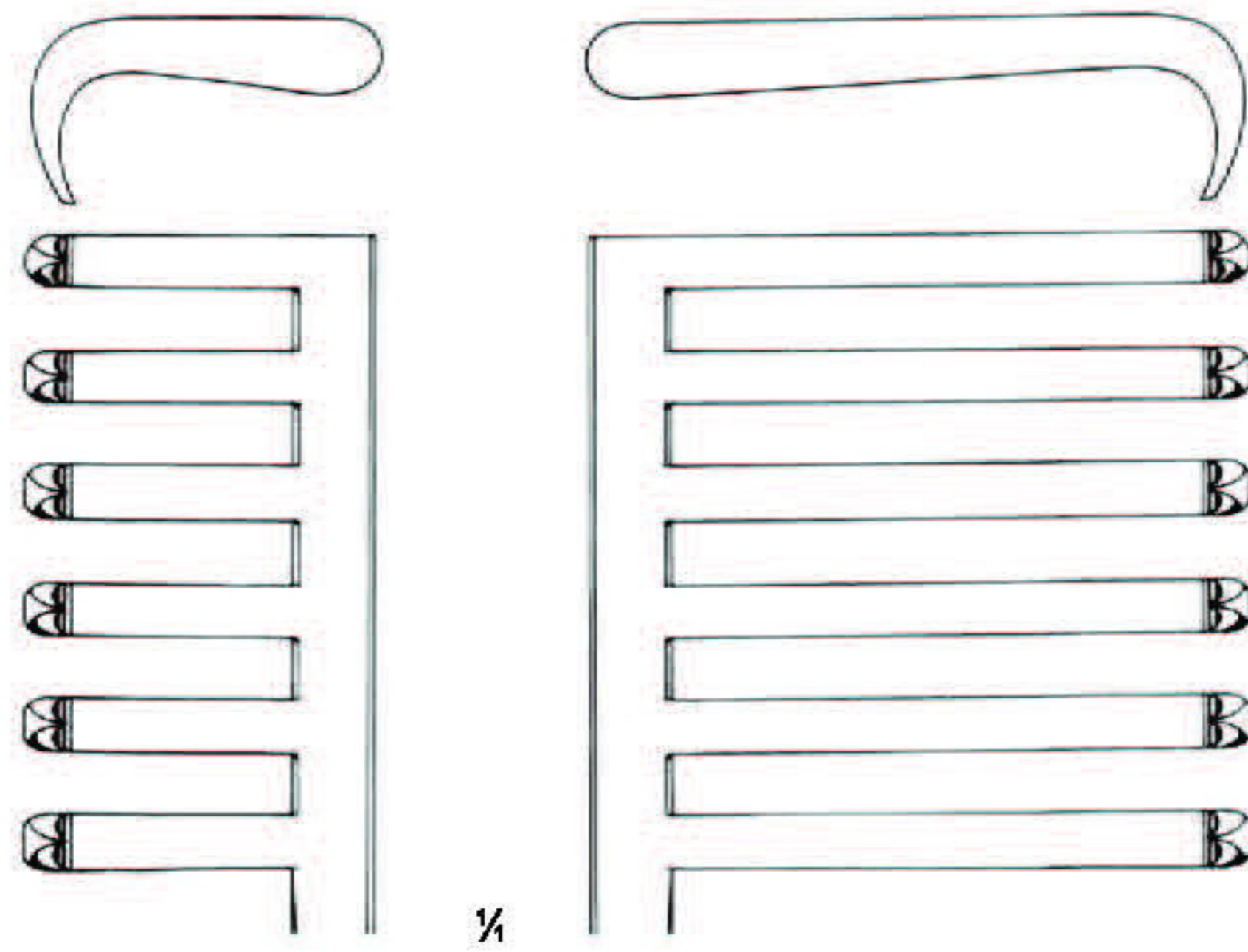
20-5550-30
blunt



28.5 cm/11 1/2"
 6 : 6



20-5551-28
 Sharp, long teeth on left side



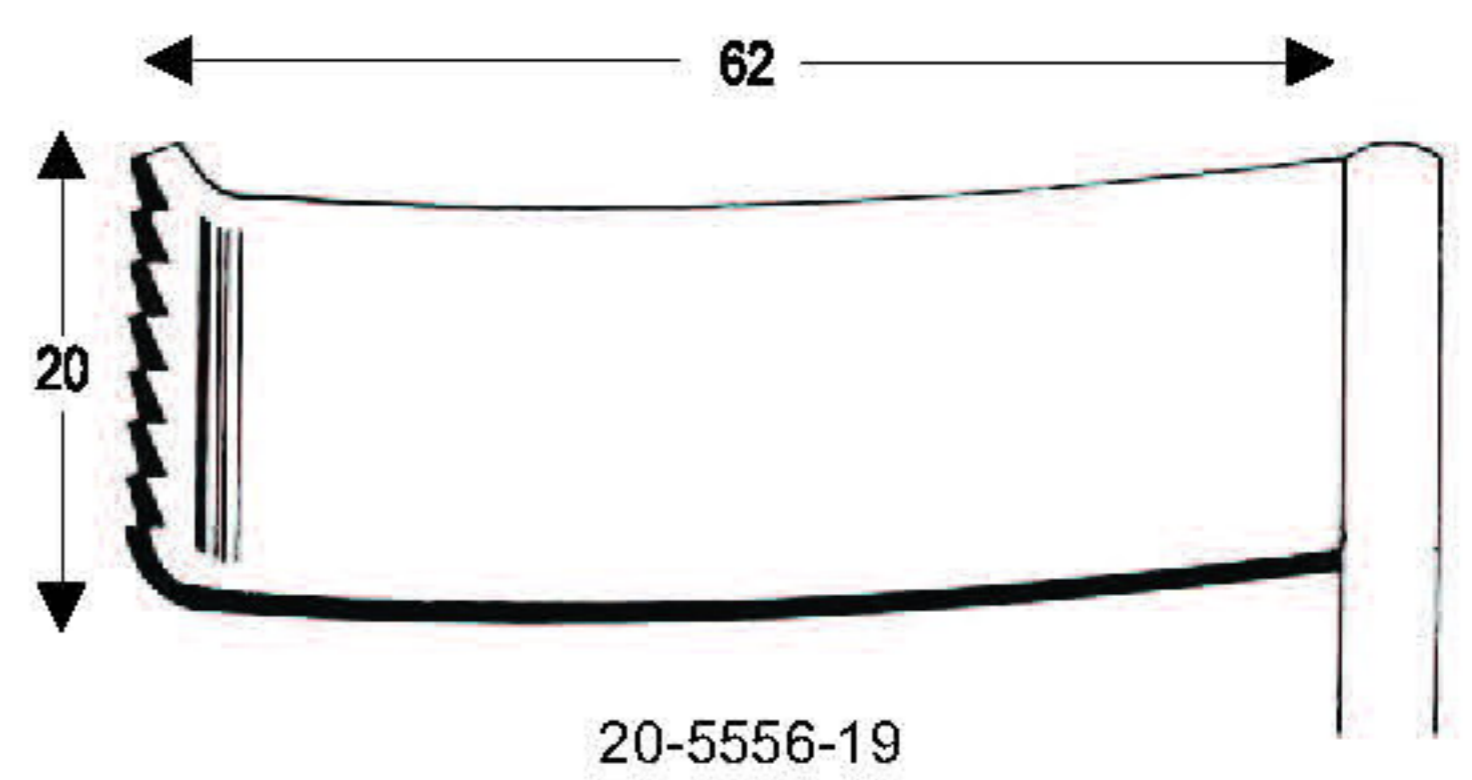
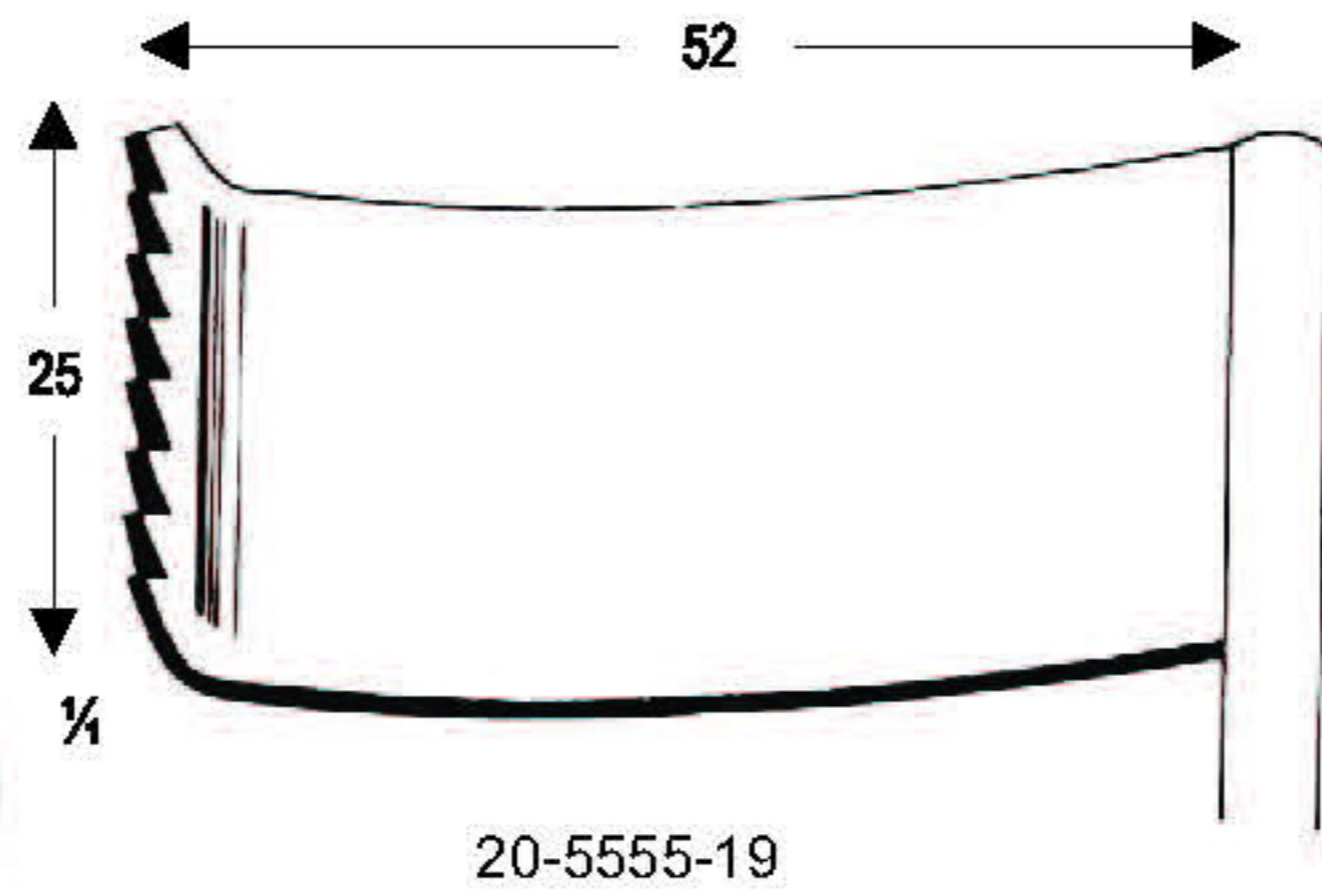
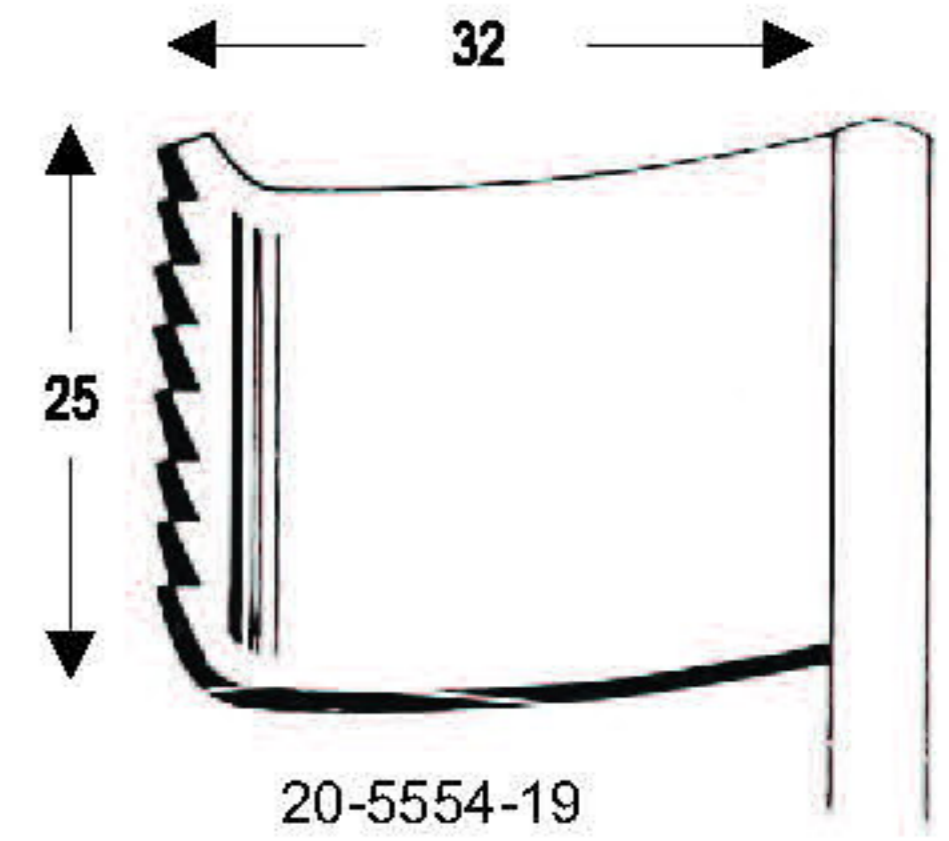
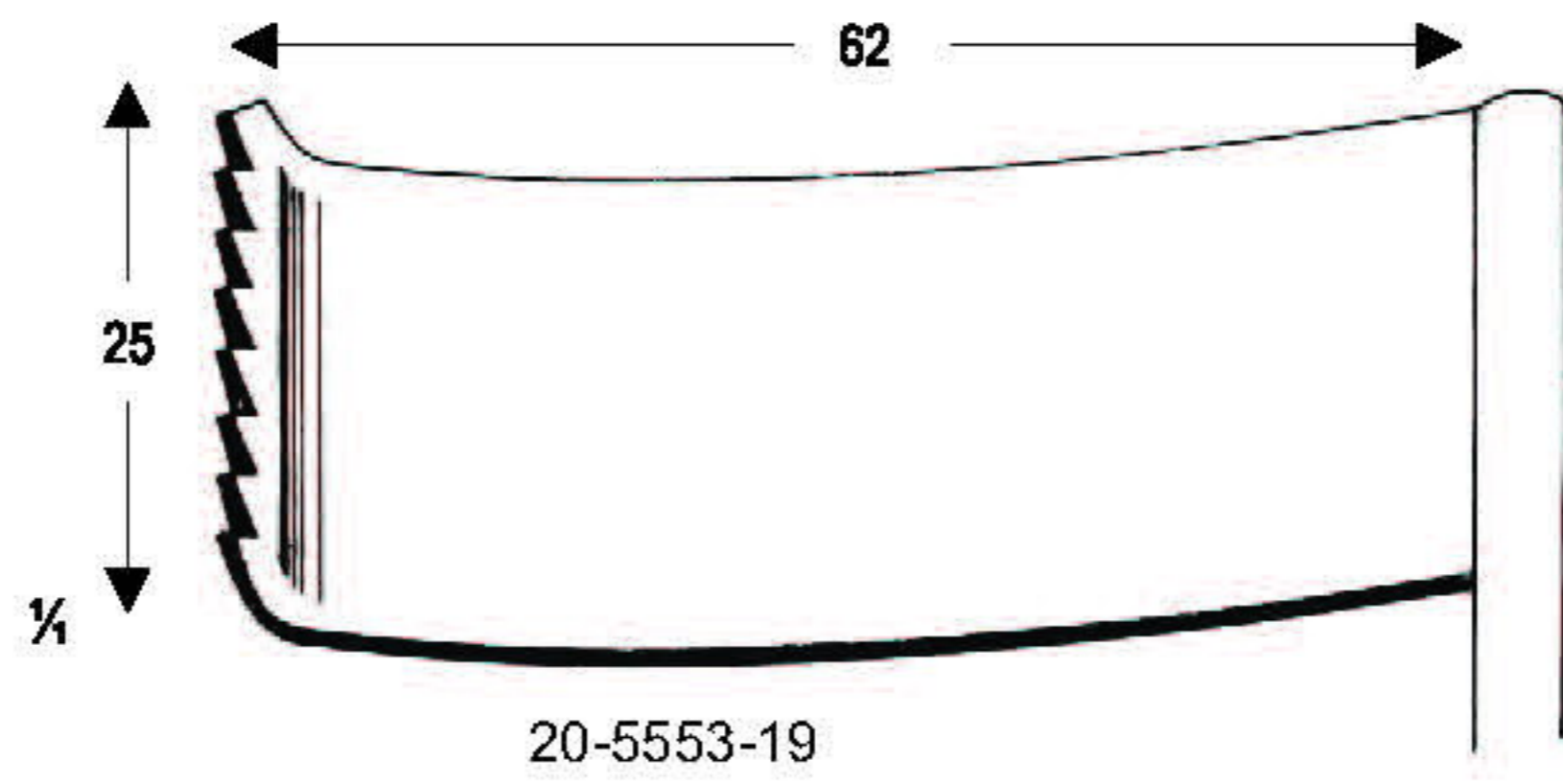
20-5552-28
 Sharp, long teeth on right side

EN	Retractors
DE	Wundhaken
ES	Separadores
FR	Rétracteurs
IT	Divaricatori

RETRACTORS



MEYERDING
19 cm/7 1/2"



Measurements of retractors: Depth x Width

Retractors	EN
Wundhaken	DE
Separadores	ES
Rétracteurs	FR
Divaricatori	IT

Lateral Blade
25 x 50 mm



½

MARKHAM-MEYERDING
 20-5557-18
 18 cm/7 ½"

Lateral Blade
25 x 50 mm



½

MARKHAM-MEYERDING
 20-5558-18
 18 cm/7 ½"



½

HENLEY
 16 cm/6 ¼"



20-5559-16
 19 x 16 mm



20-5560-16
 25 x 16 mm



20-5561-16
 32 x 16 mm

Measurements of retractors: Depth x Width

EN	Abdominal Retractors
DE	Bauchdeckenhalter
ES	Separadores abdominales
FR	Rétracteurs abdominaux
IT	Divaricatori addominali

RETRACTORS



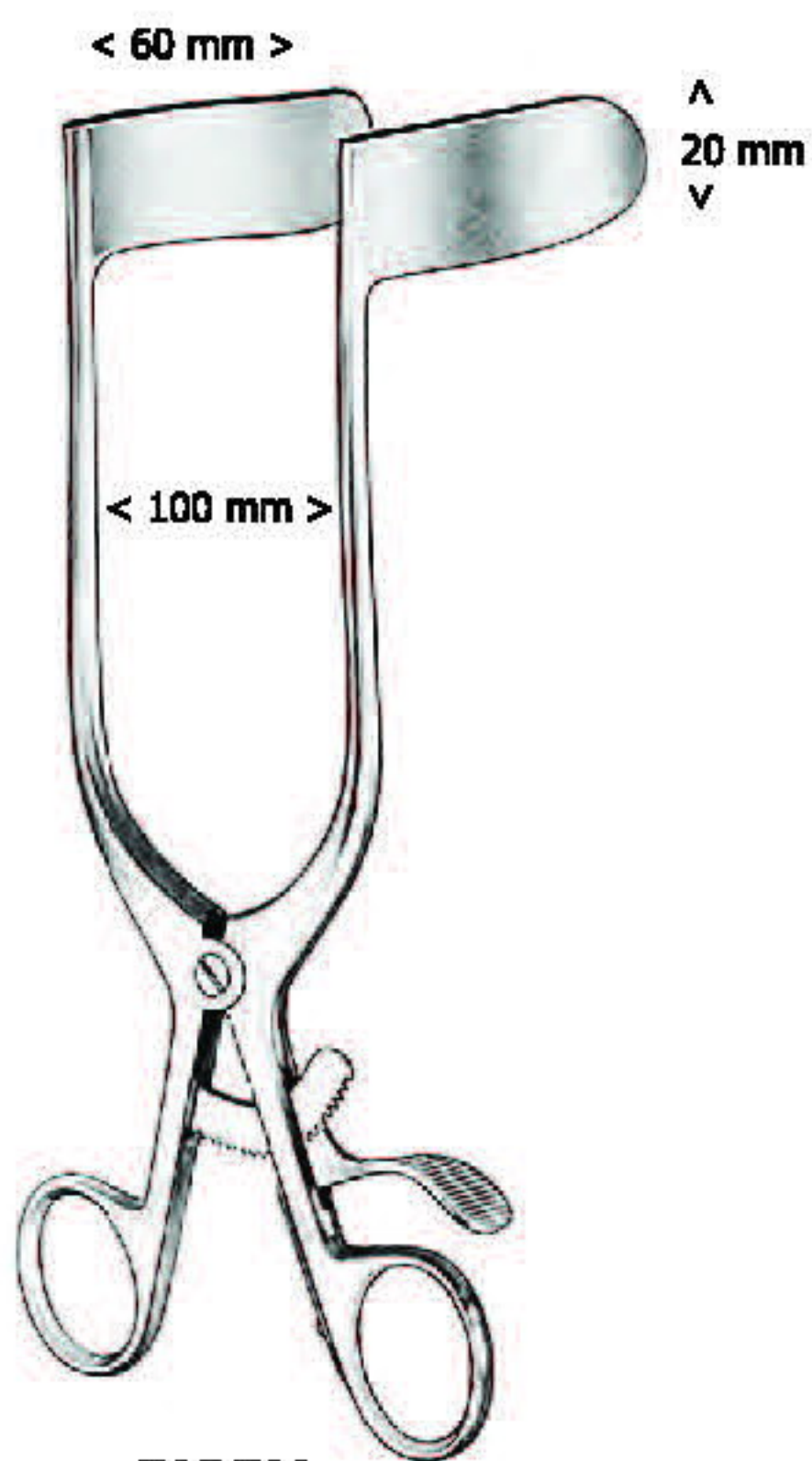
GELPI

20-5562-09	9 cm/3 1/2"
20-5562-11	11 cm/4 3/8"
20-5562-13	13 cm/5 1/8"
20-5562-14	14 cm/5 1/2"
20-5562-16	16 cm/6 1/4"
20-5562-18	18 cm/7 1/8"



GELPI-LOKTITE

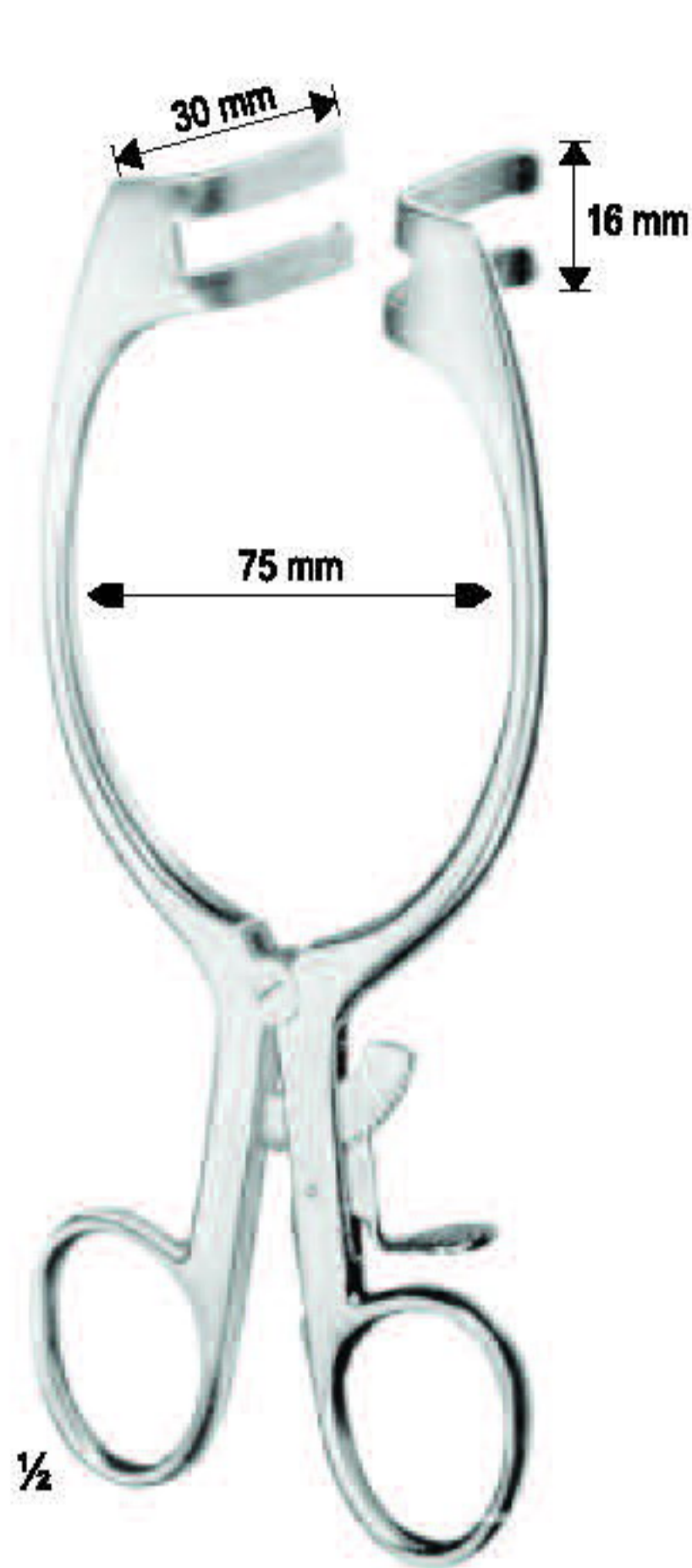
20-5563-09	9 cm/3 1/2"
20-5563-11	11 cm/4 3/8"
20-5563-13	13 cm/5 1/8"
20-5563-14	14 cm/5 1/2"
20-5563-16	16 cm/6 1/4"
20-5563-18	18 cm/7 1/8"



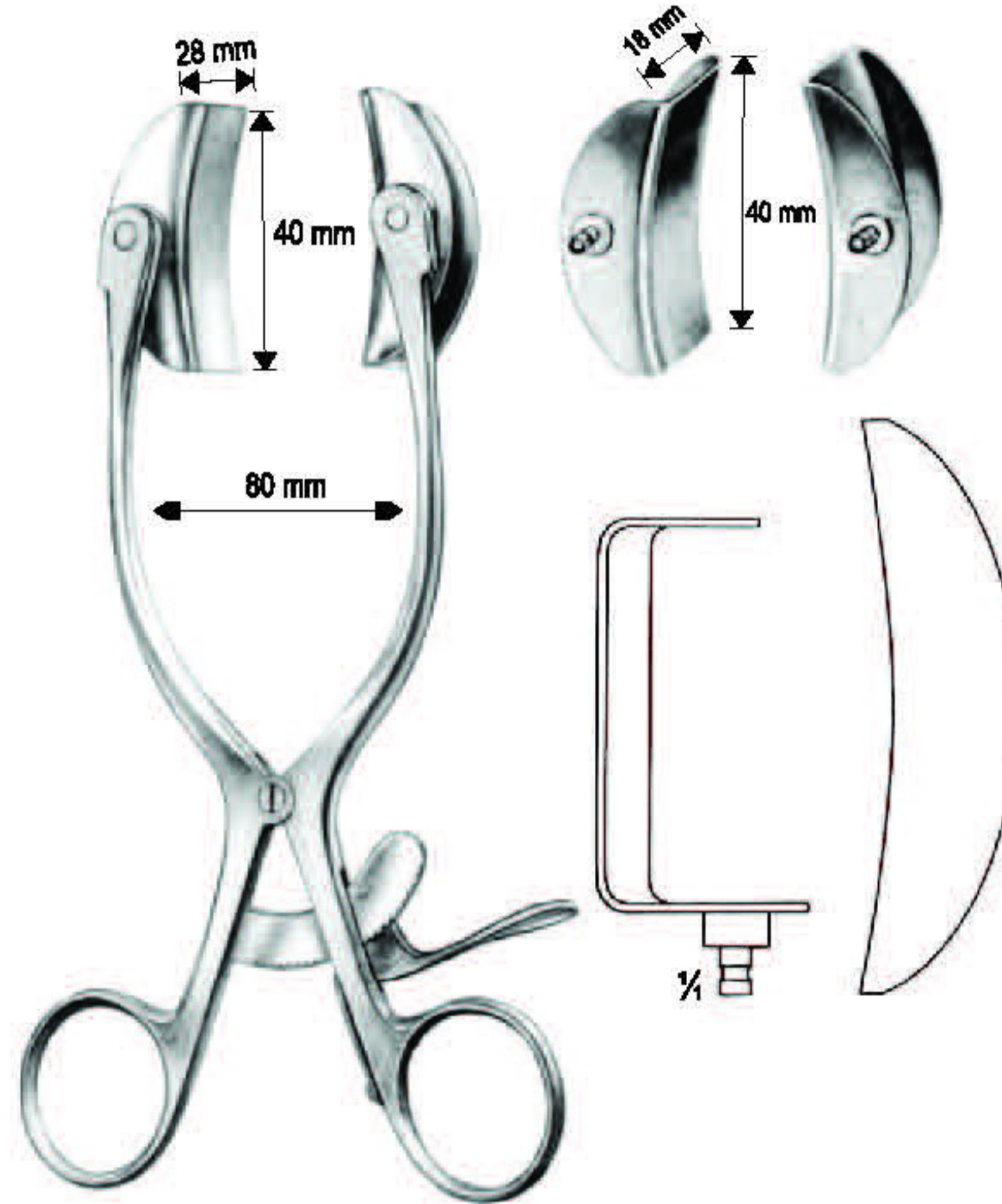
RIGBY
20-5564-19
(Rectum, Vagina)
19 cm/7 1/2"



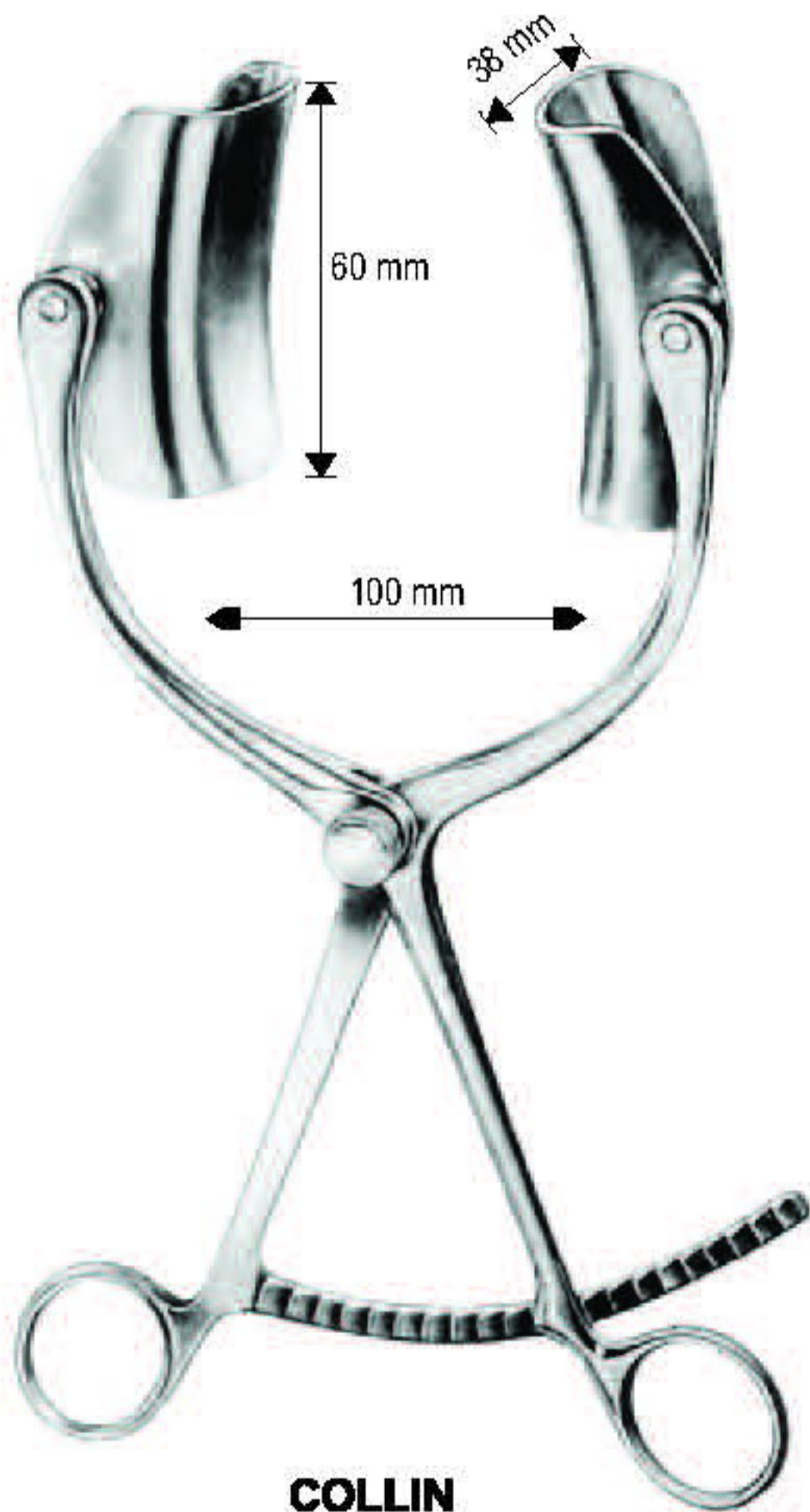
20-5565-18
18 cm/7 1/8"



MAYO-ADAMS
 20-5566-16 |
 16.5 cm / 6 1/2"



BABY-COLLIN complete, with 2 pairs of exchangeable blades
 20-5567-00



COLLIN
 20-5568-38



Measurements see below

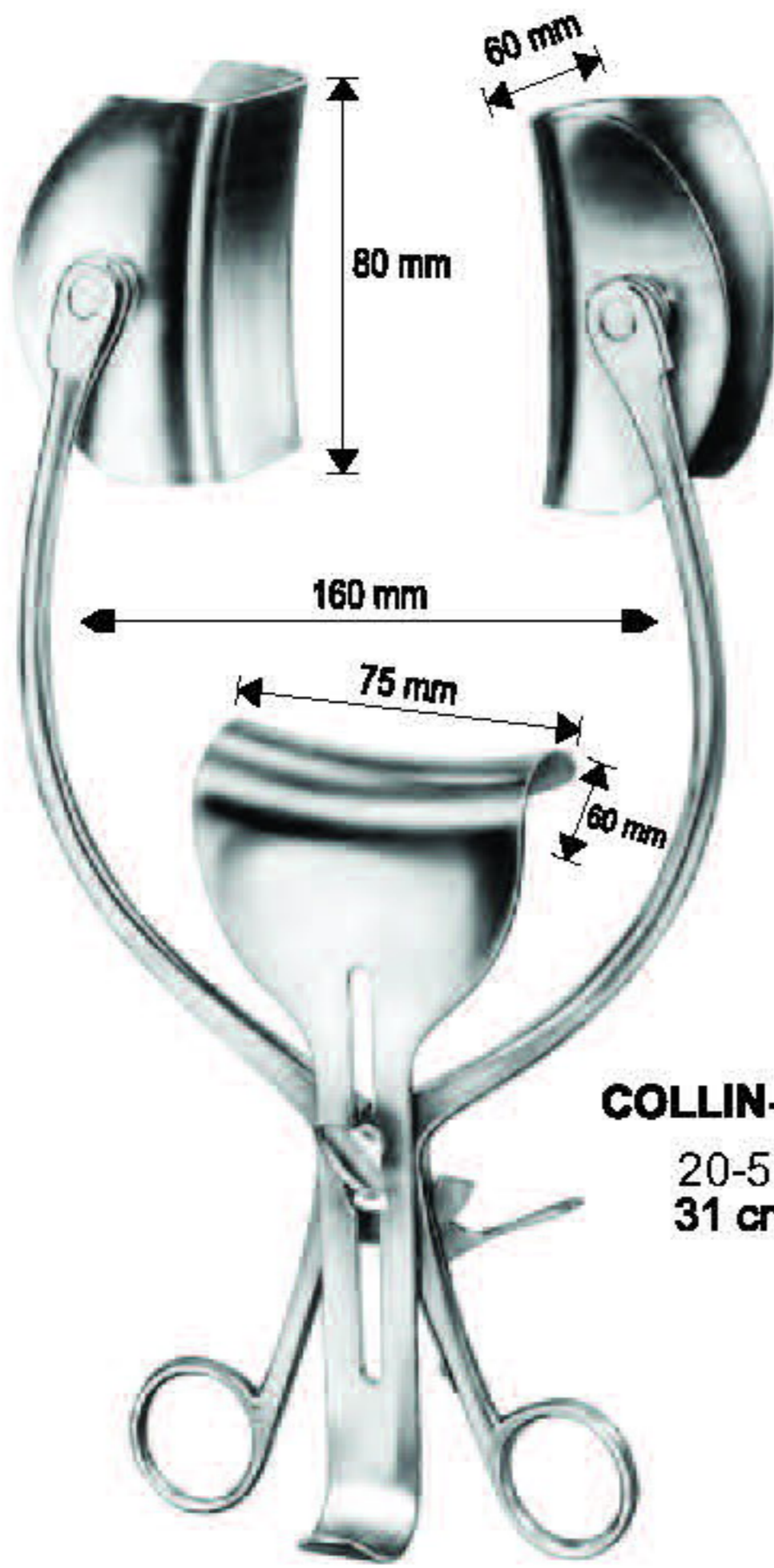
Exchangeable Blades

COLLIN		
20-5569-38	Lateral Blades	Central Blades
20-5570-38	38 x 60 mm /	38 x 55 mm
	38 x 80mm /	50 x 75mm

EN	Abdominal Retractors
DE	Bauchdeckenhalter
ES	Separadores abdominales
FR	Rétracteurs abdominaux
IT	Divaricatori addominali

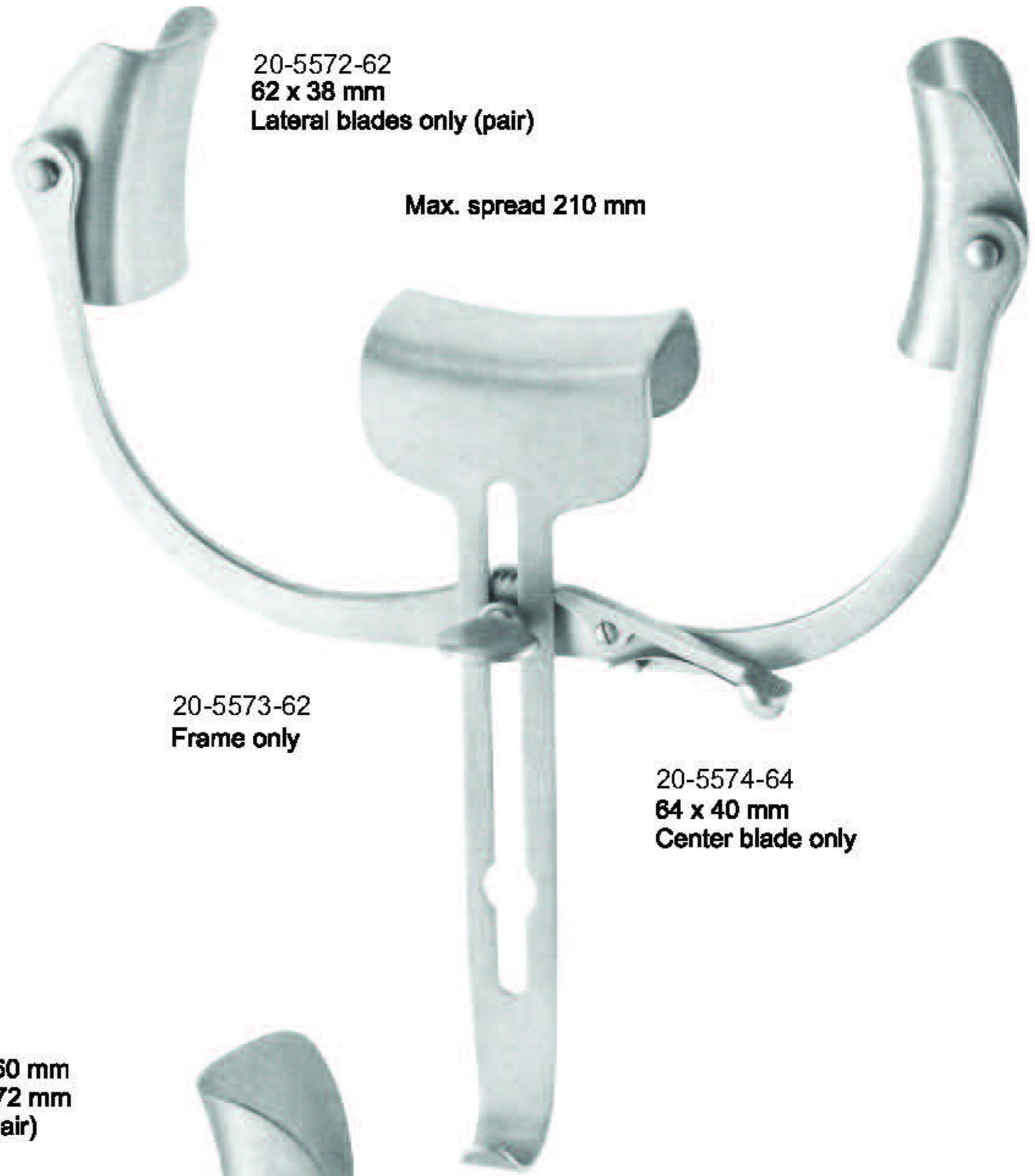
RETRACTORS

Exchangeable Blades



COLLIN-LOCKTITE

20-5571-31
31 cm 12 1/4"

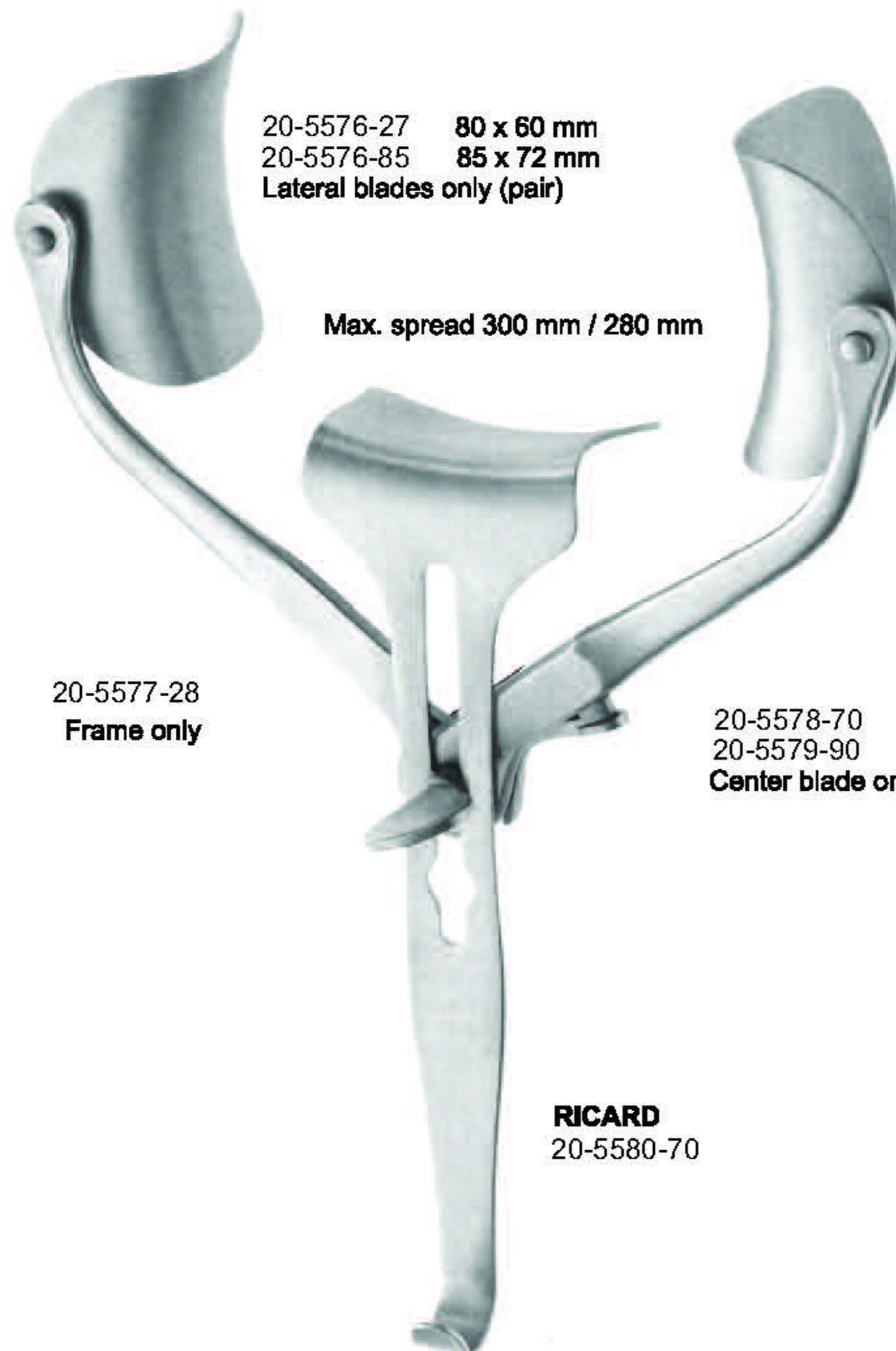


20-5572-62
62 x 38 mm
Lateral blades only (pair)

Max. spread 210 mm

20-5573-62
Frame only

20-5574-64
64 x 40 mm
Center blade only



20-5576-27 80 x 60 mm
20-5576-85 85 x 72 mm
Lateral blades only (pair)

Max. spread 300 mm / 280 mm

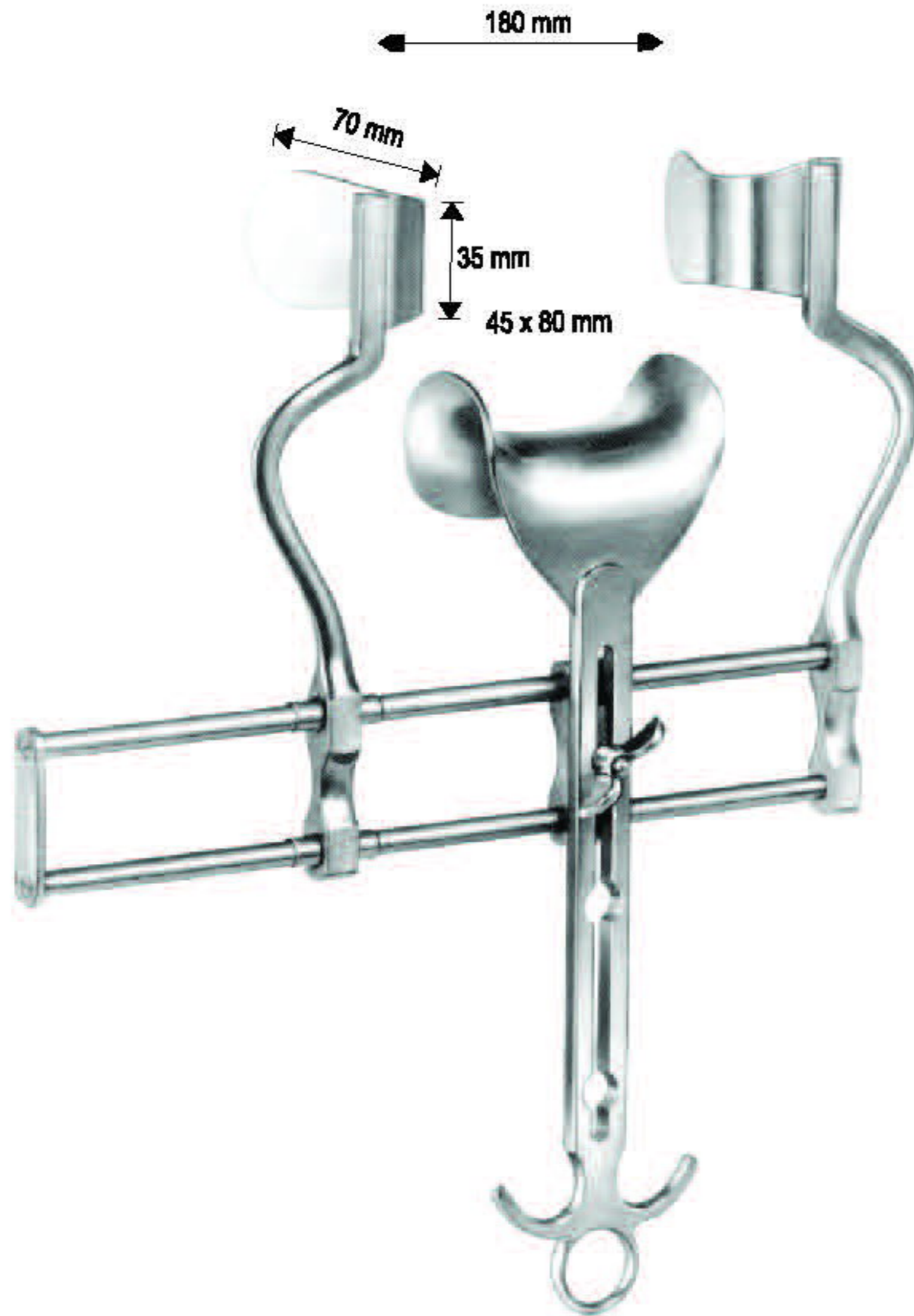
ROBIN-MASSE
20-5575-64

20-5577-28
Frame only

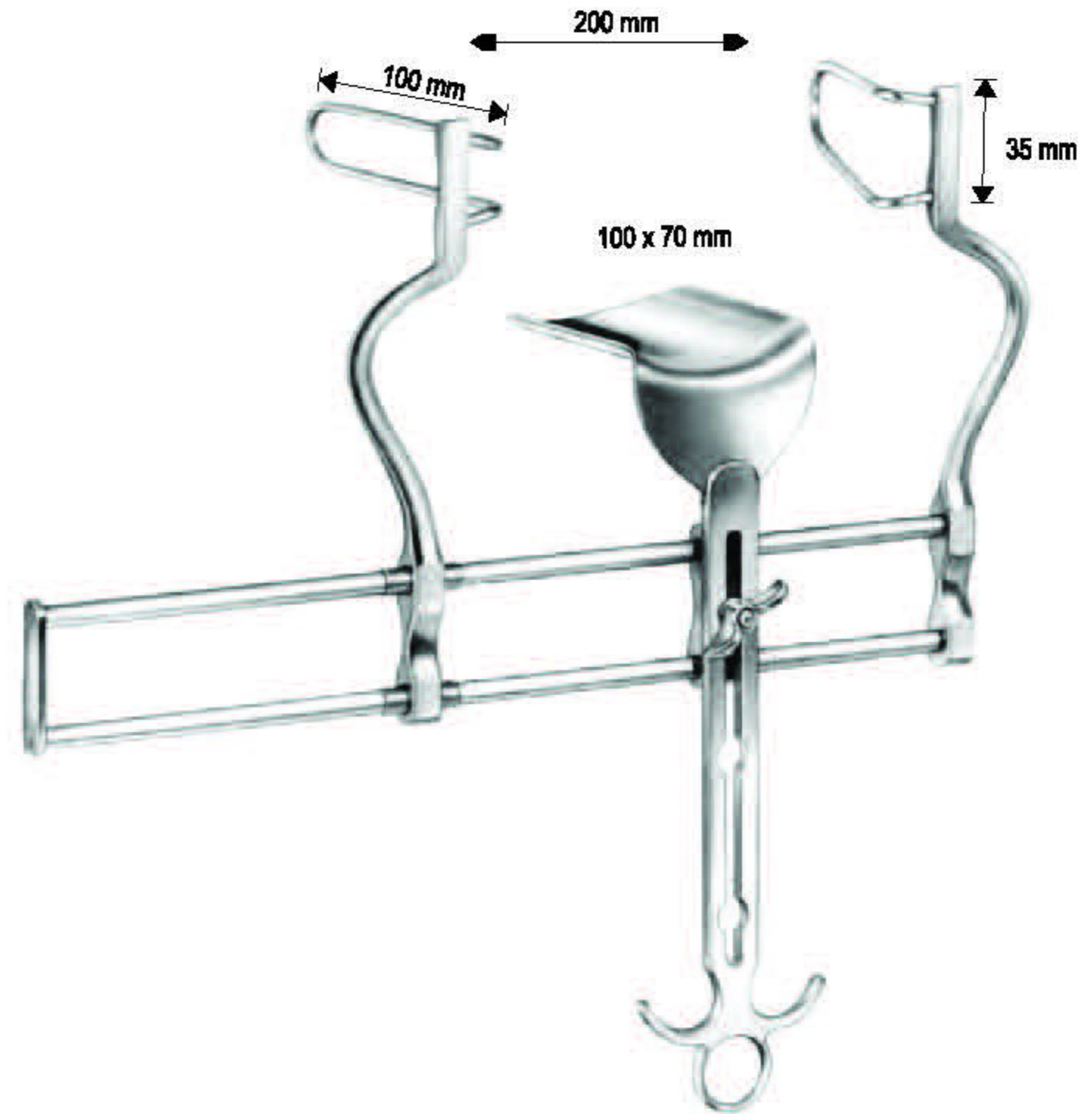
20-5578-70 70 x 55 mm
20-5579-90 90 x 80 mm
Center blade only

RICARD
20-5580-70

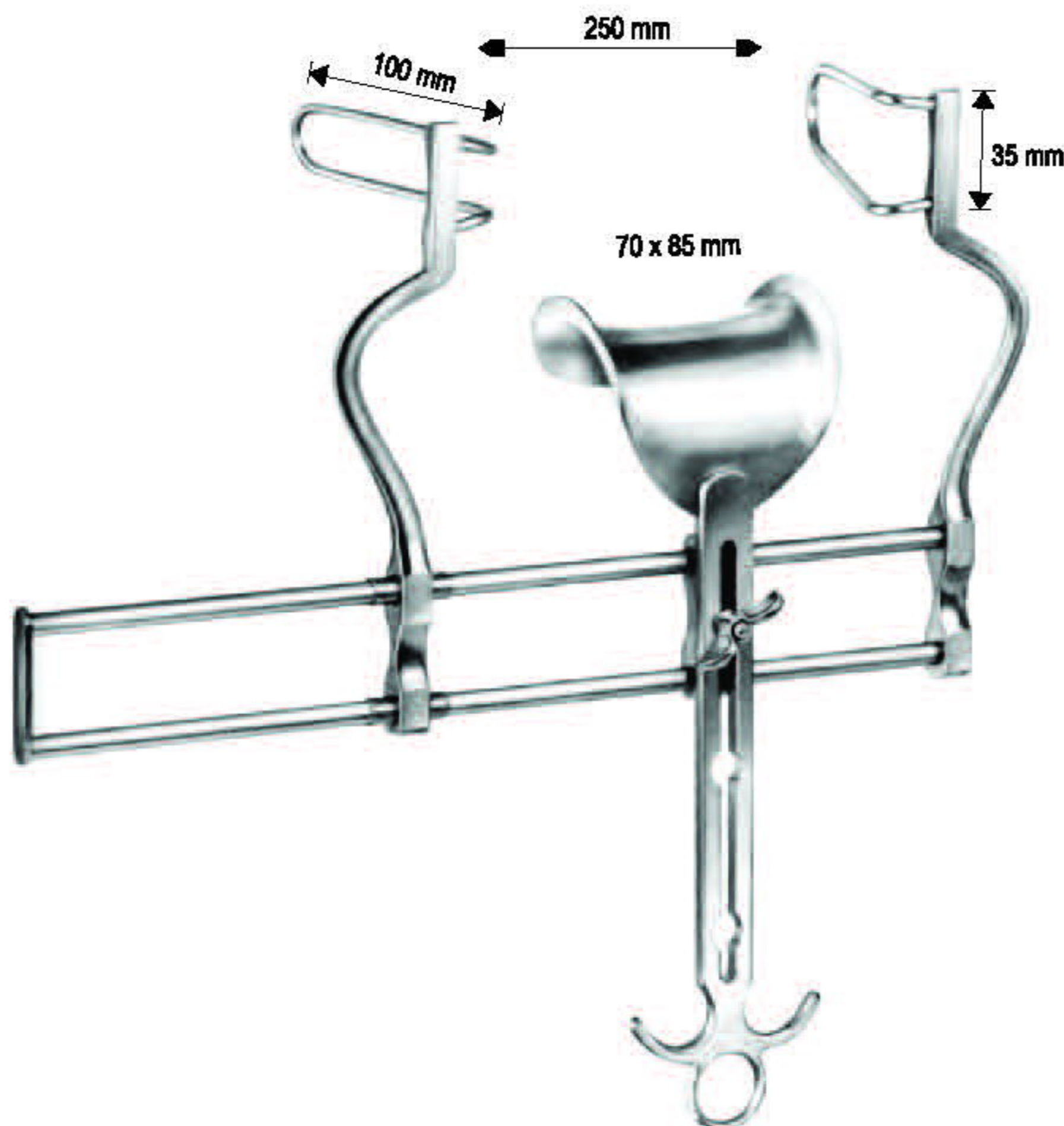
Measurements of retractors: Depth x Width



BALFOUR
 20-5581-20
 20 cm/7 1/8"



BALFOUR
 20-5582-20



BALFOUR
 20-5583-00

Centre Blade only

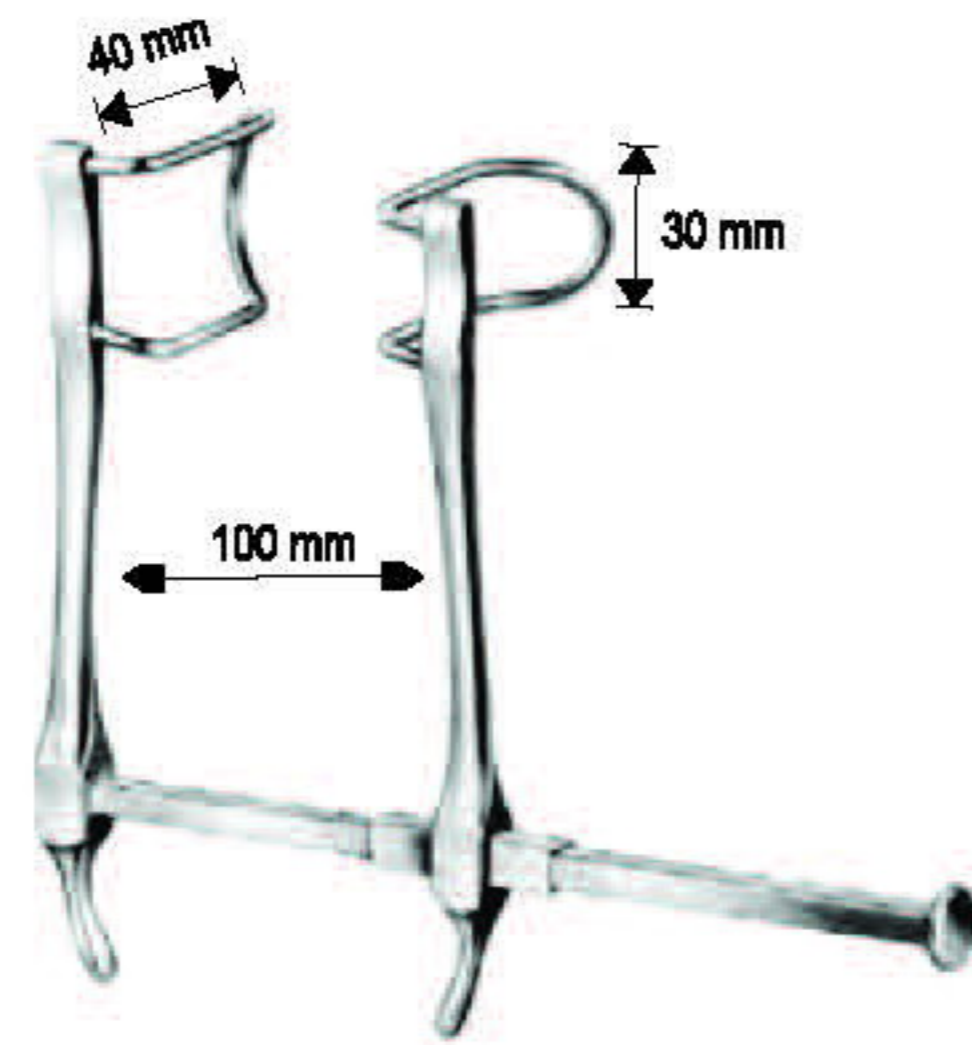


BALFOUR
 20-5584-45 = 45 X 80 mm
 20-5584-70 = 70 X 85 mm
 20-5584-80 = 80 X 90 mm

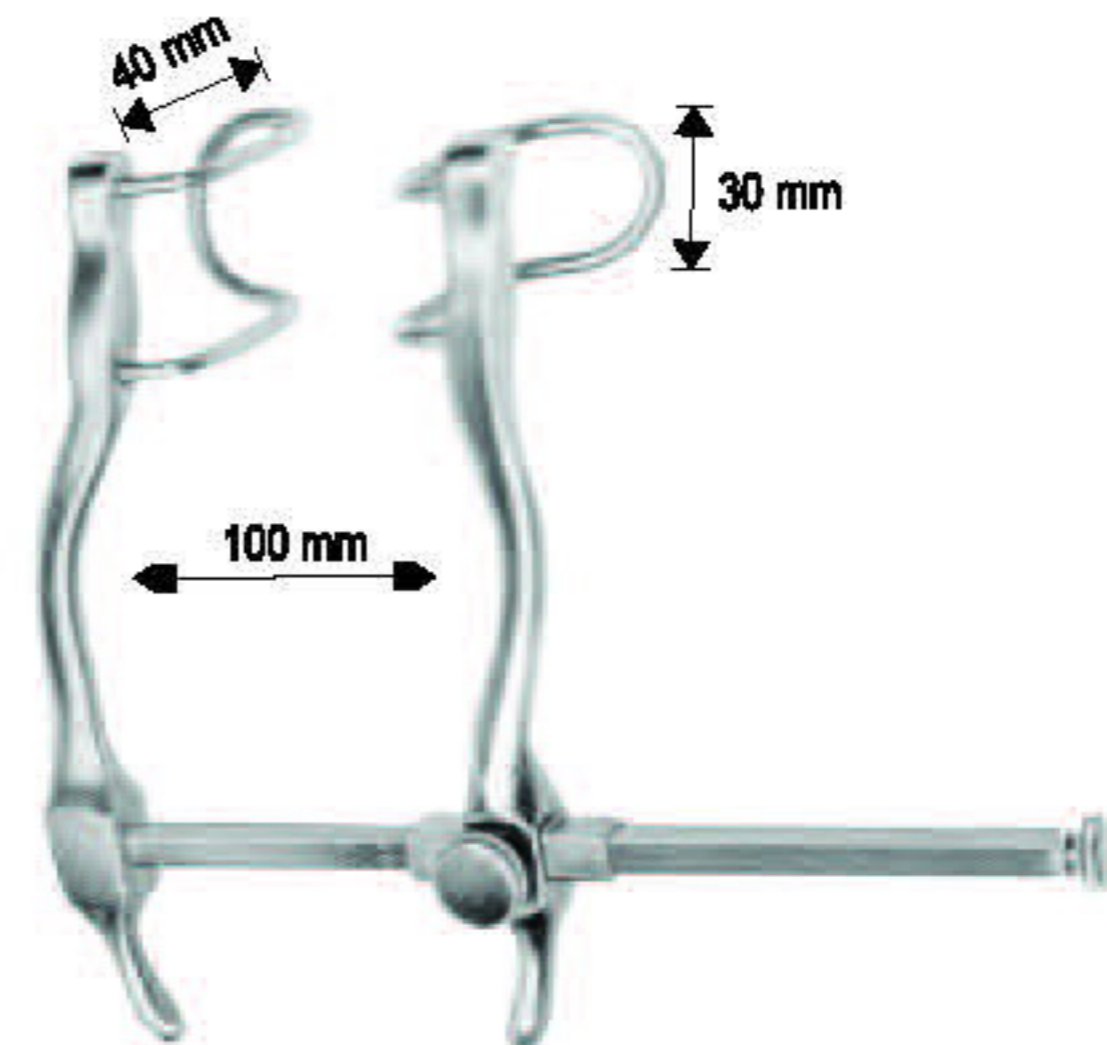
Measurements of retractors: Depth x Width

EN	Abdominal Retractors
DE	Bauchdeckenhalter
ES	Separadores abdominales
FR	Rétracteurs abdominaux
IT	Divaricatori addominali

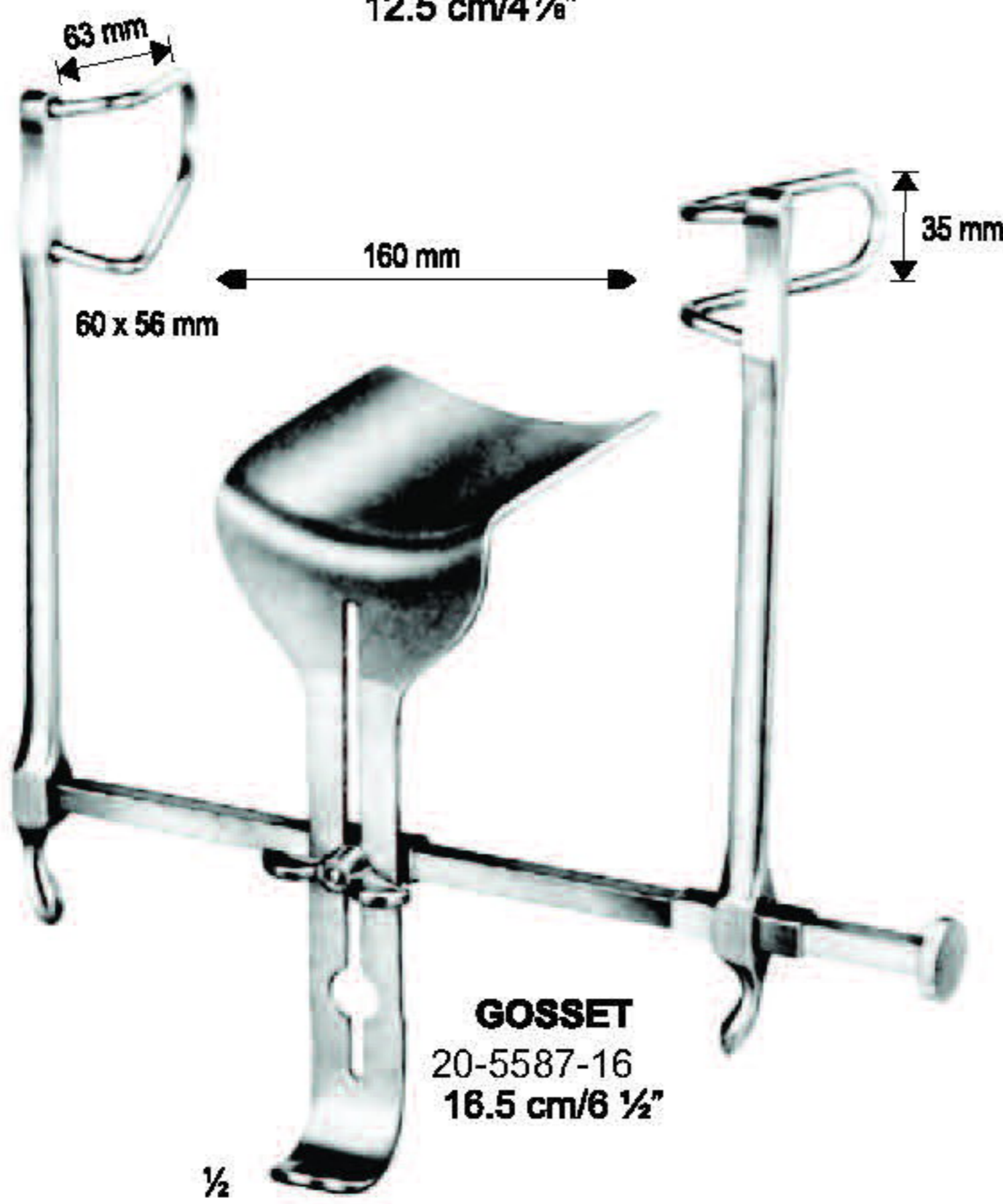
RETRACTORS



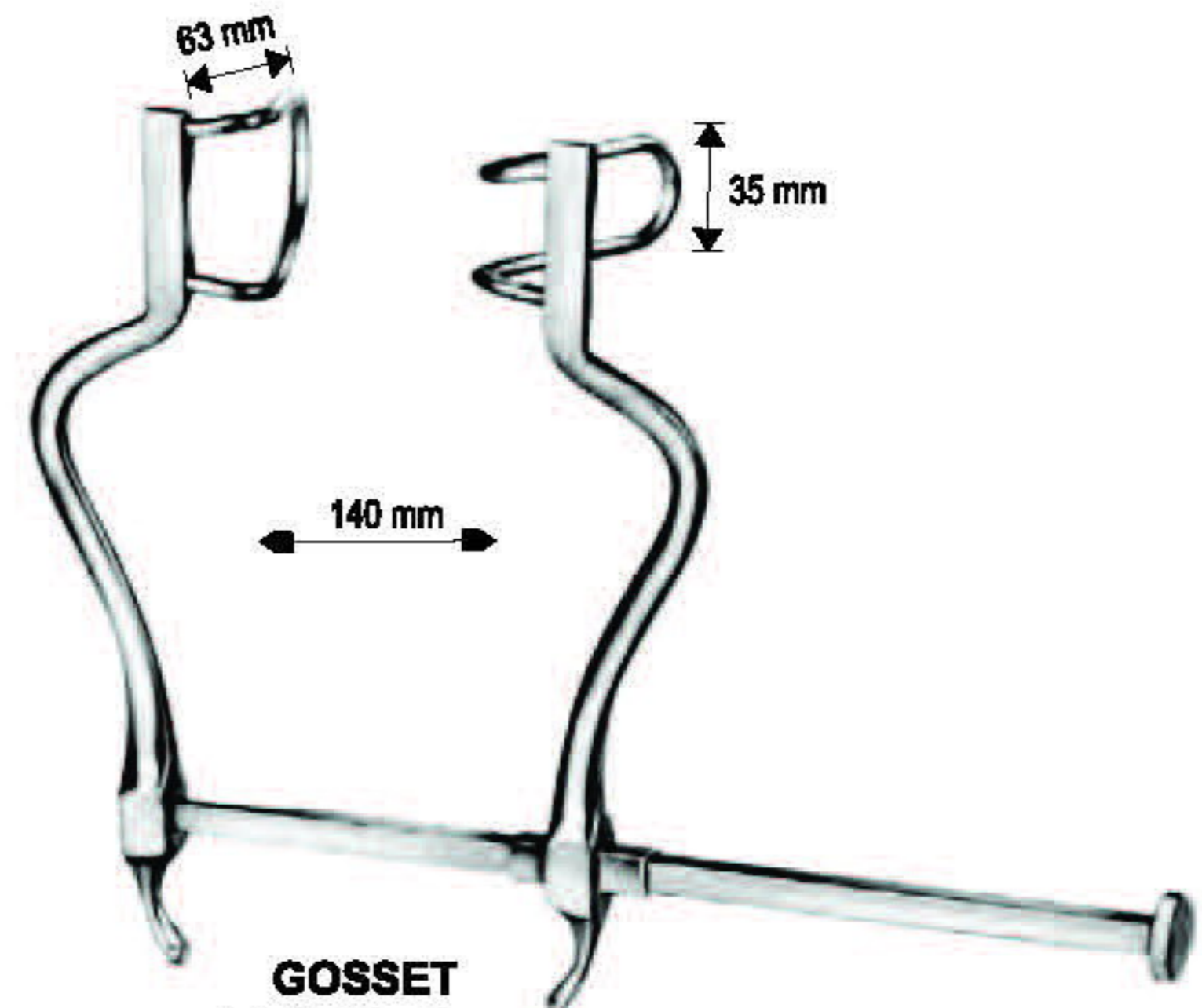
GOSSET-BABY
20-5585-12
12.5 cm/4 7/8"



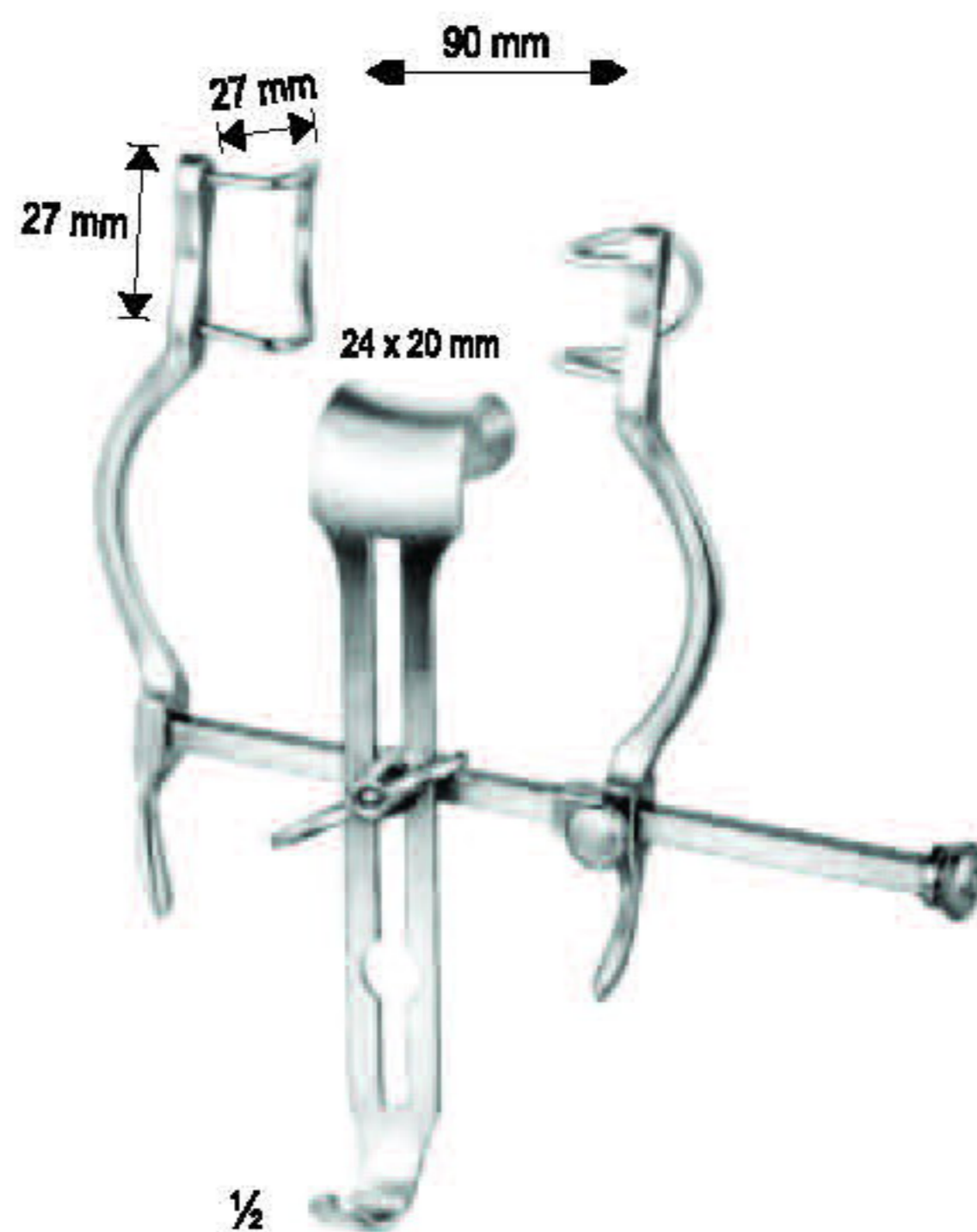
GOSSET
20-5586-12



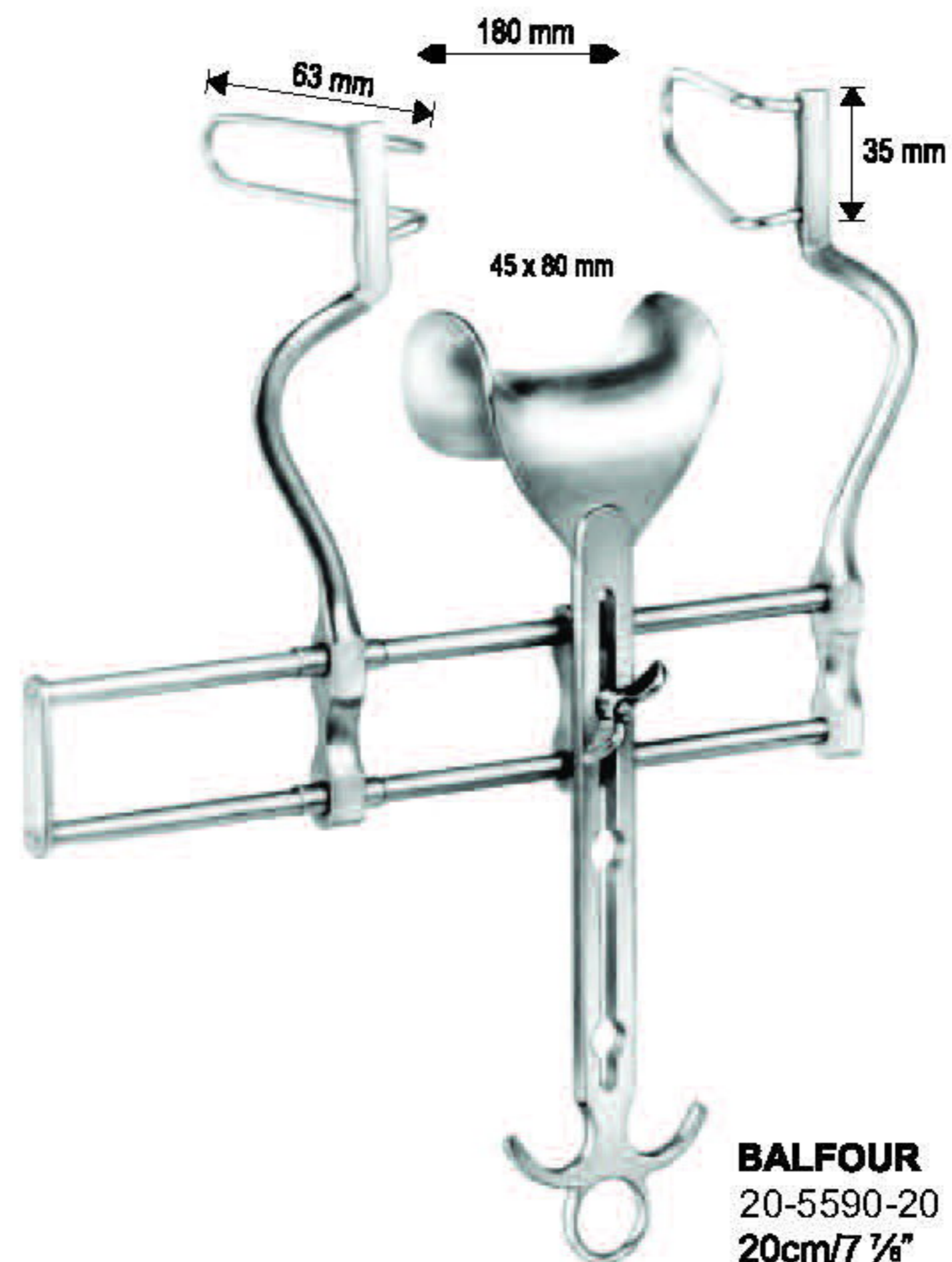
GOSSET
20-5587-16
16.5 cm/6 1/2"



GOSSET
20-5588-18
18.5cm/7 1/4"



BALFOUR-BABY
20-5589-12
12.5cm/4 7/8"



BALFOUR
20-5590-20
20cm/7 7/8"

Measurements of retractors: Depth x Width

20-5591-50 50 x 98 mm



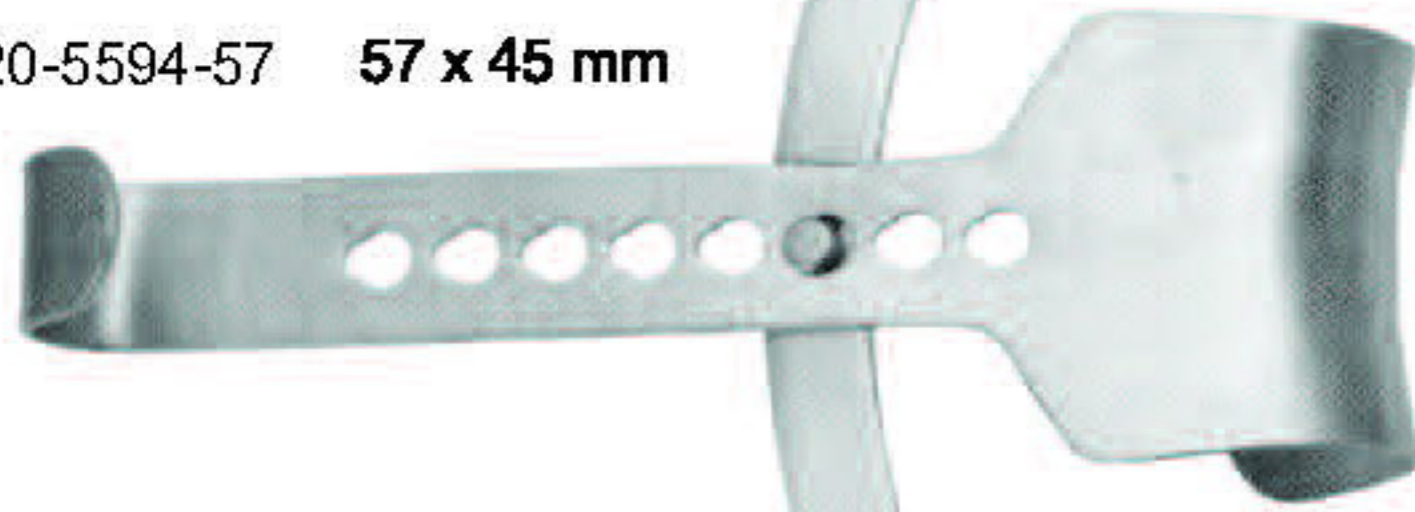
20-5592-94 94 x 83 mm



20-5593-35 35 x 105 mm



20-5594-57 57 x 45 mm



20-5595-57 57 x 45 mm



SEMM

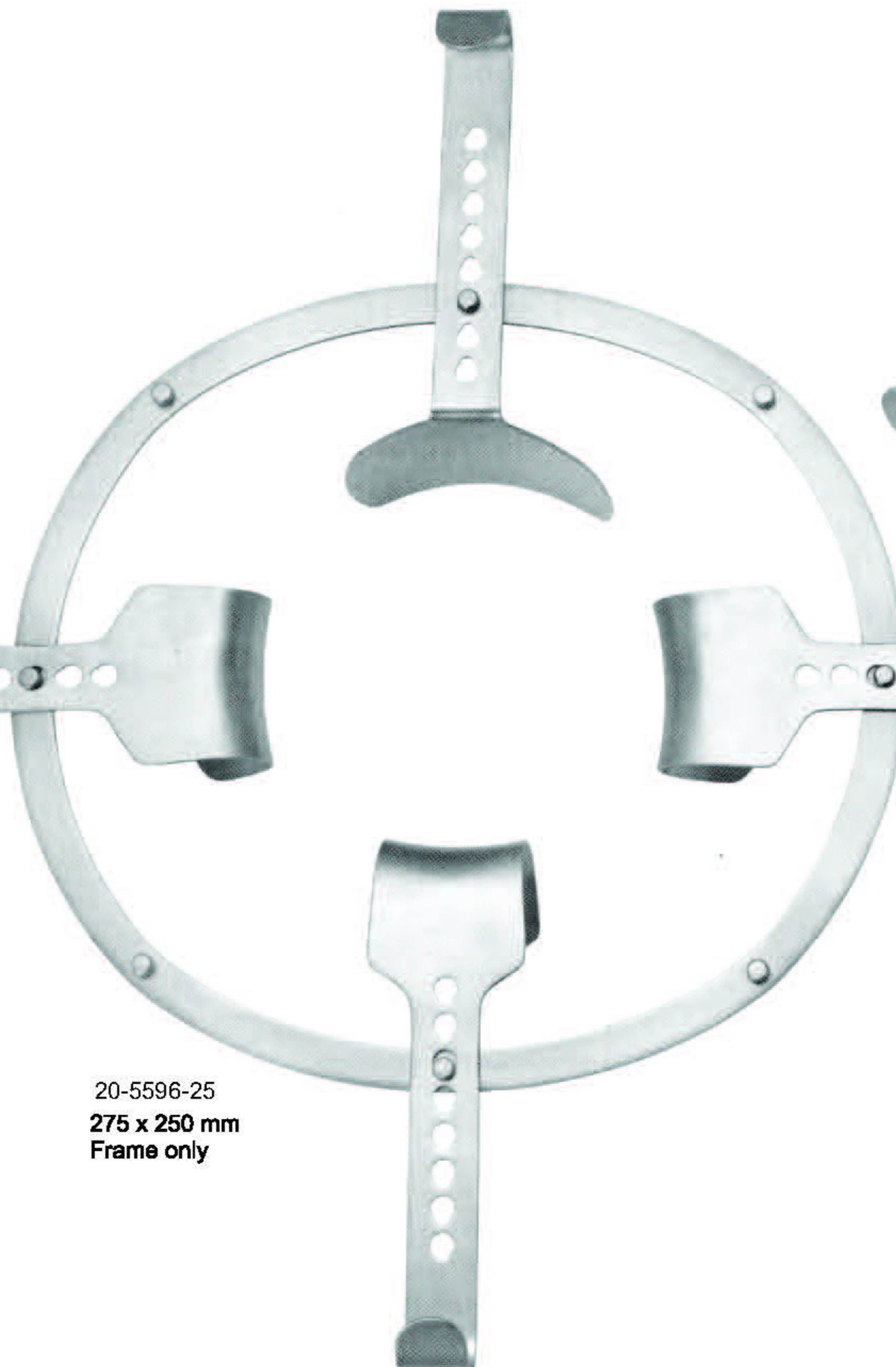
20-5548-57

Complete

- 1 x 20-5598-57
- 2 x 20-5599-57
- 1 x 20-5600-57
- 1 x 20-5601-57
- 1 x 20-5602-57
- 1 x 20-5603-57

20-5596-25

275 x 250 mm
Frame only



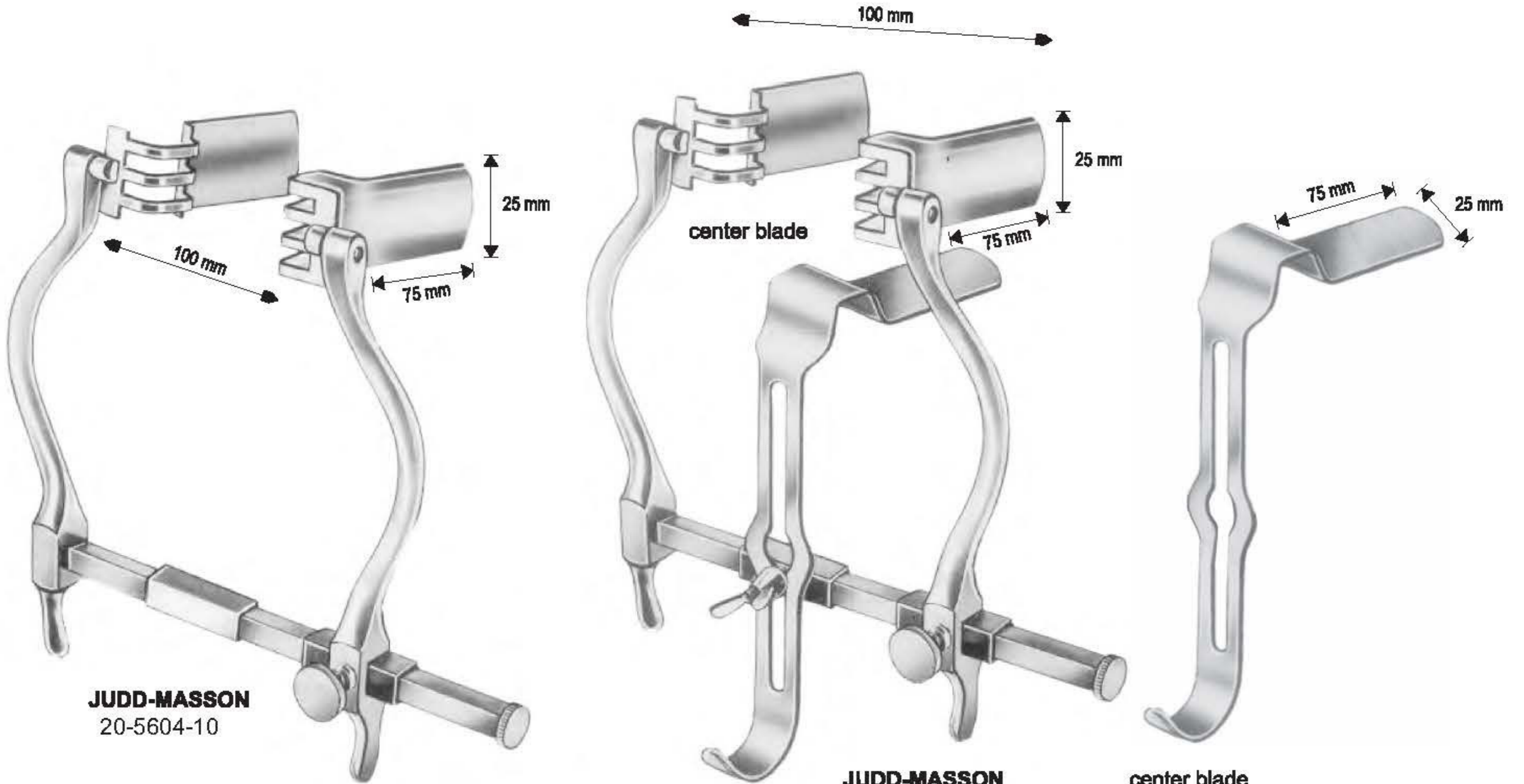
20-5597-54 54 x 50 mm



Measurements of retractors: Depth x Width

EN	Abdominal Retractors
DE	Bauchdeckenhalter
ES	Separadores abdominales
FR	Rétracteurs abdominaux
IT	Divaricatori addominali

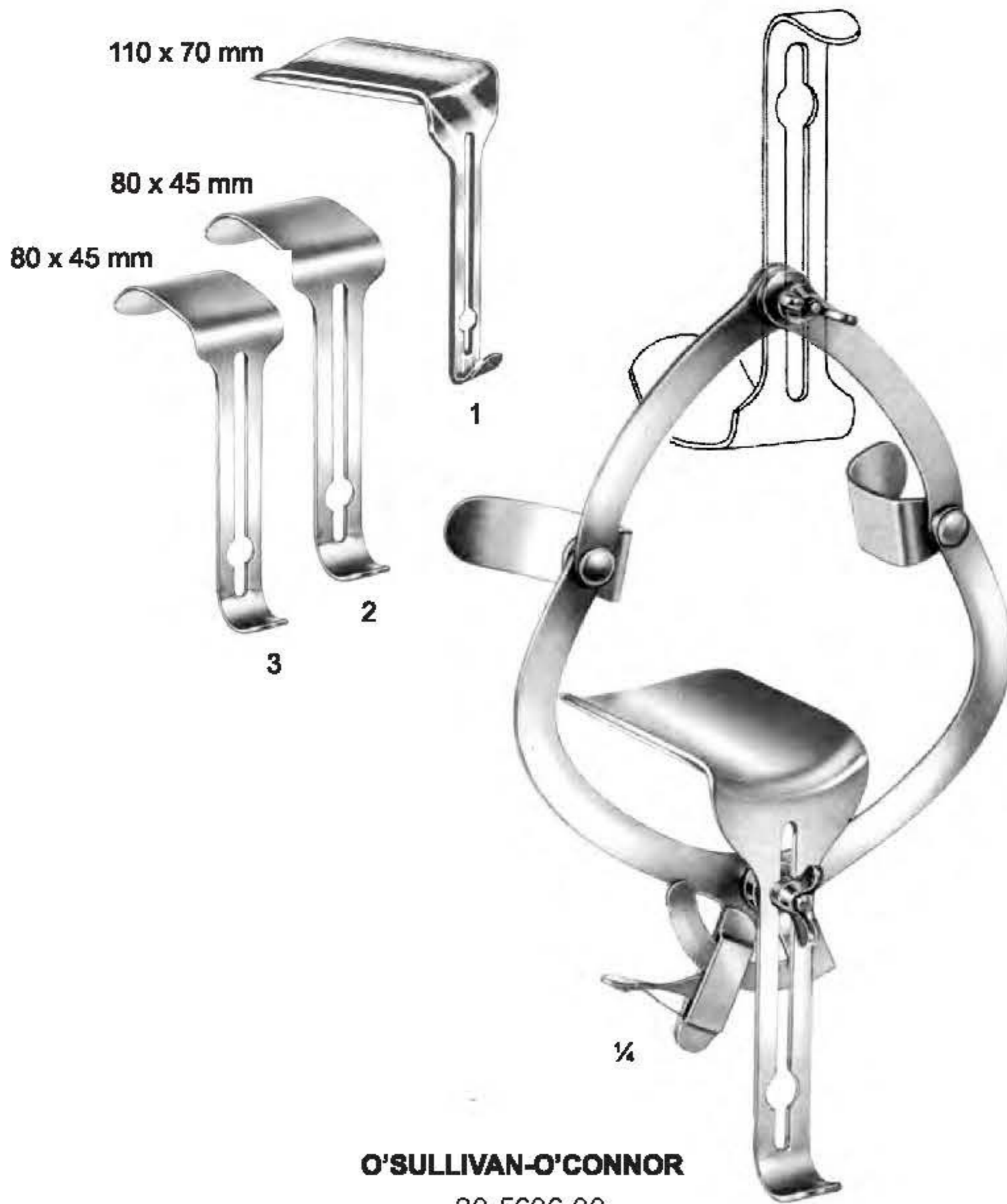
RETRACTORS



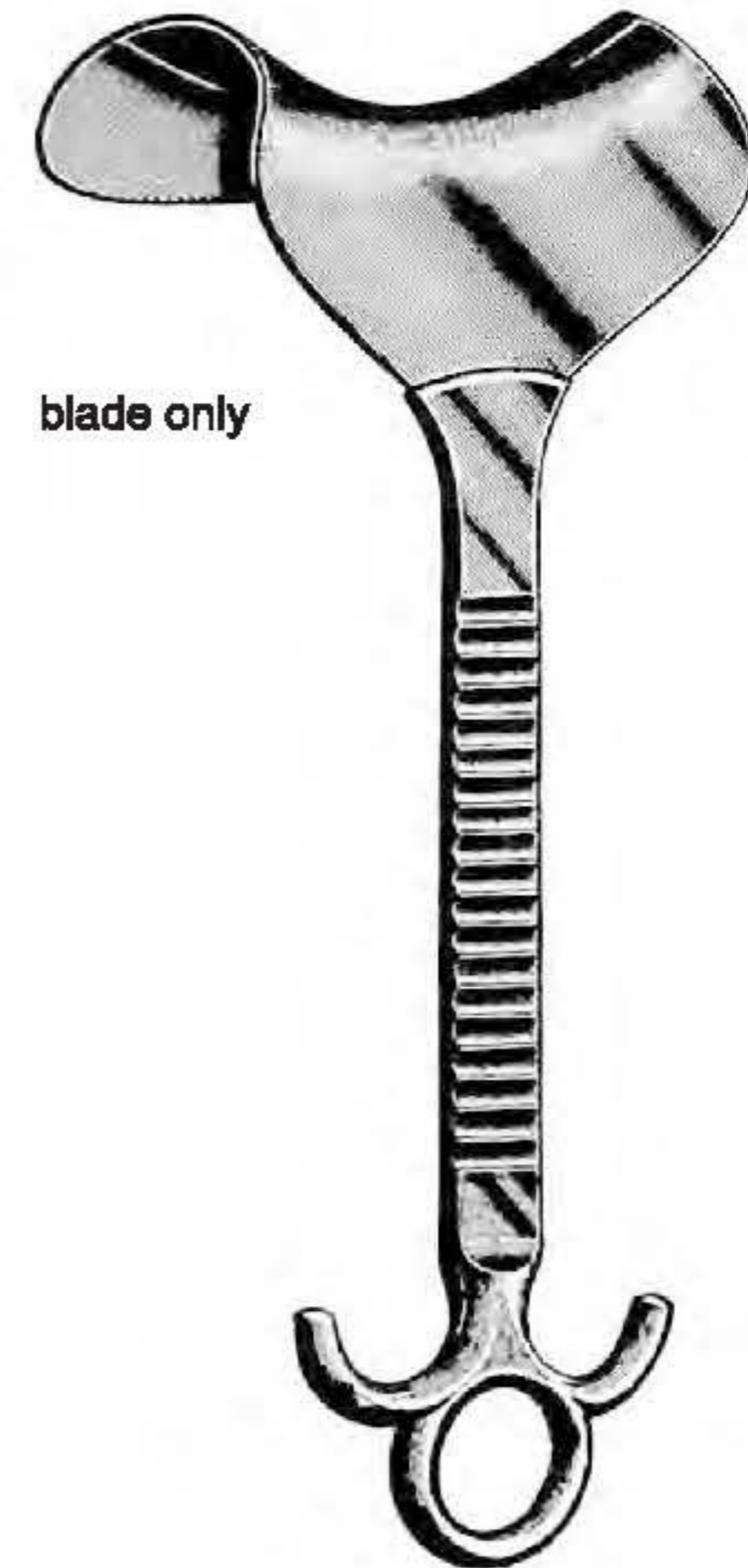
JUDD-MASSON
20-5604-10

JUDD-MASSON
20-5605-75

center blade



O'SULLIVAN-O'CONNOR
20-5606-00

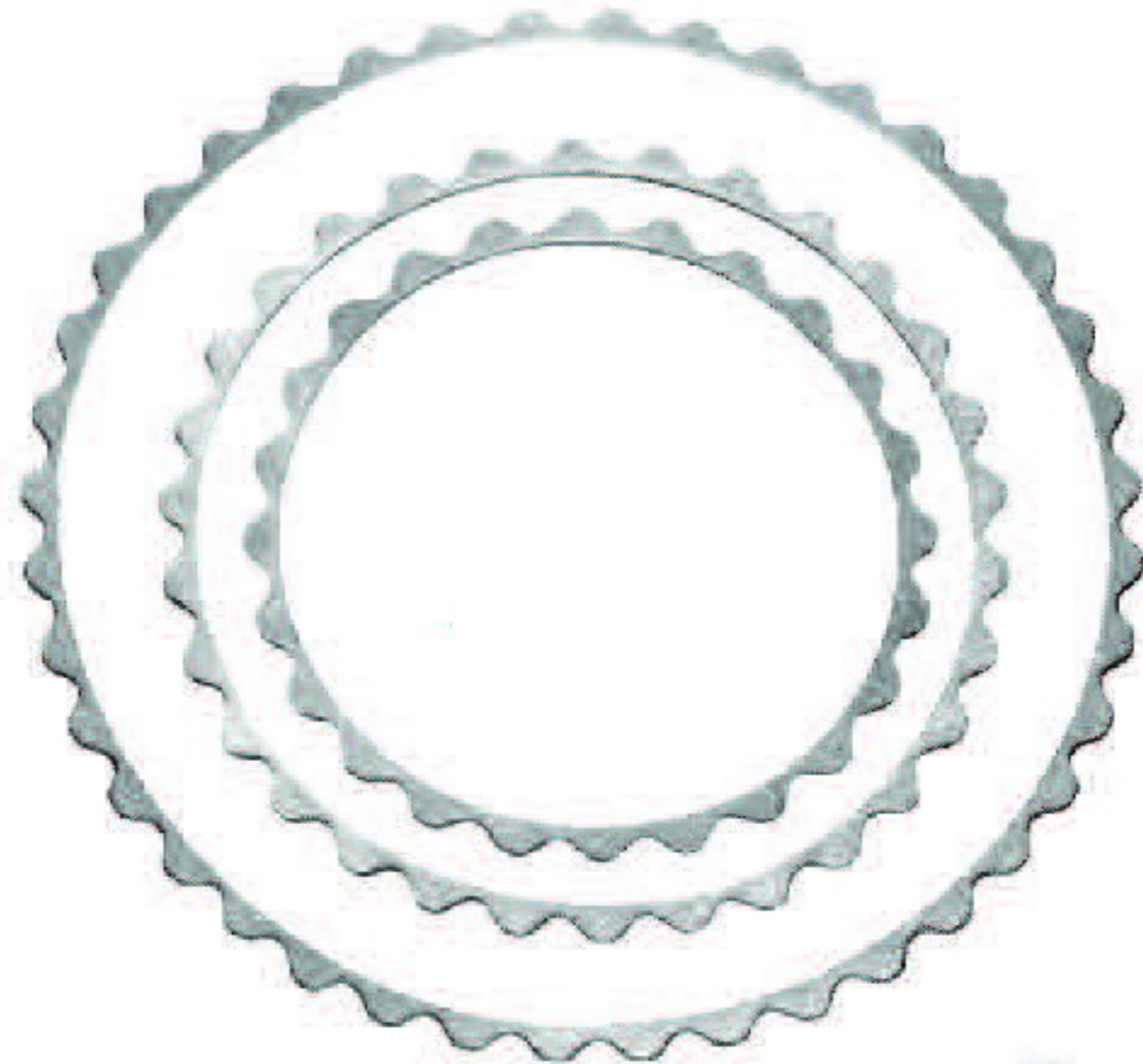


blade only

DOYEN

20-5607-55	55 x 95 mm
20-5608-55	55 x 105 mm
20-5609-55	55 x 115 mm
20-5610-55	55 x 125 mm

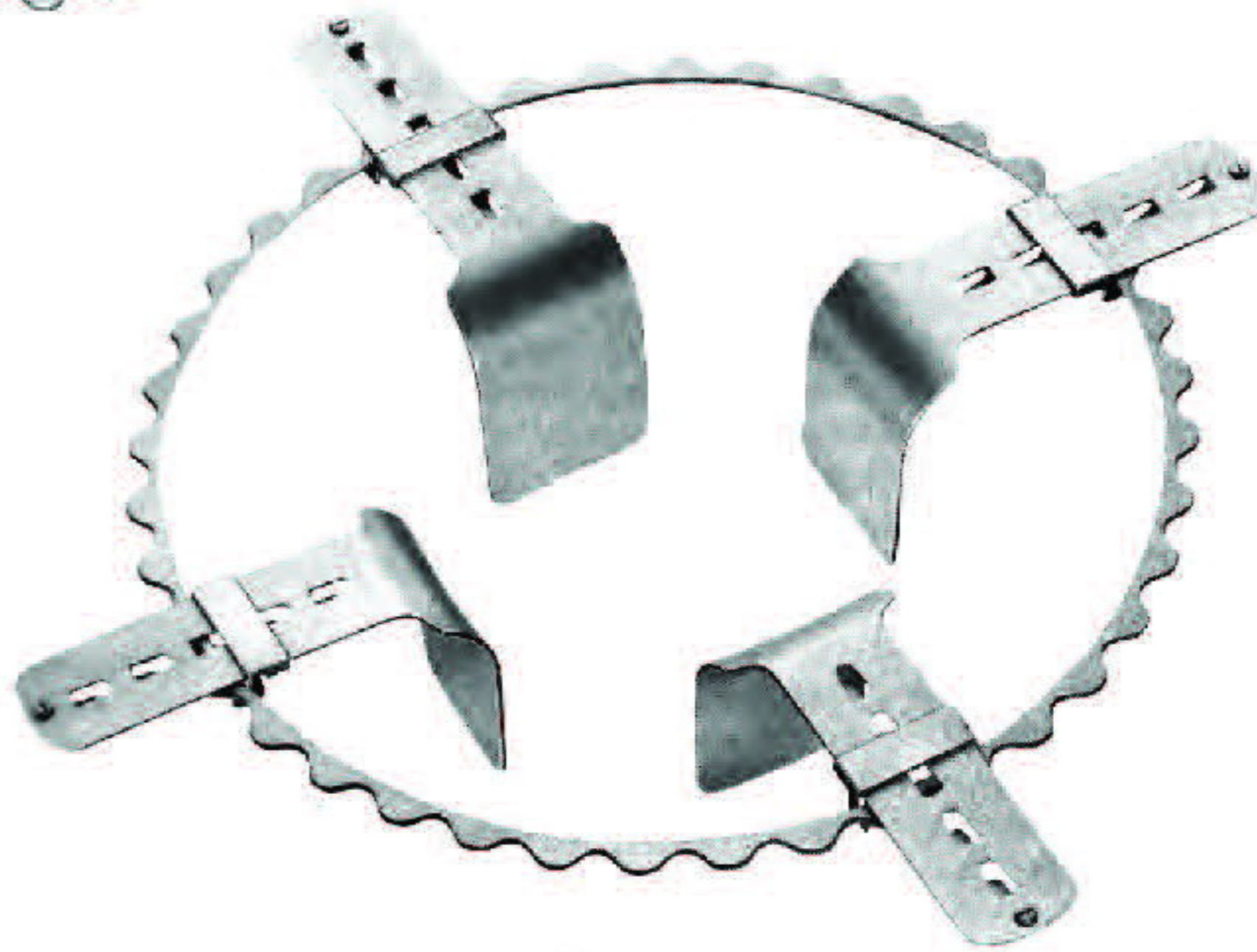
Measurements of retractors: Depth x Width



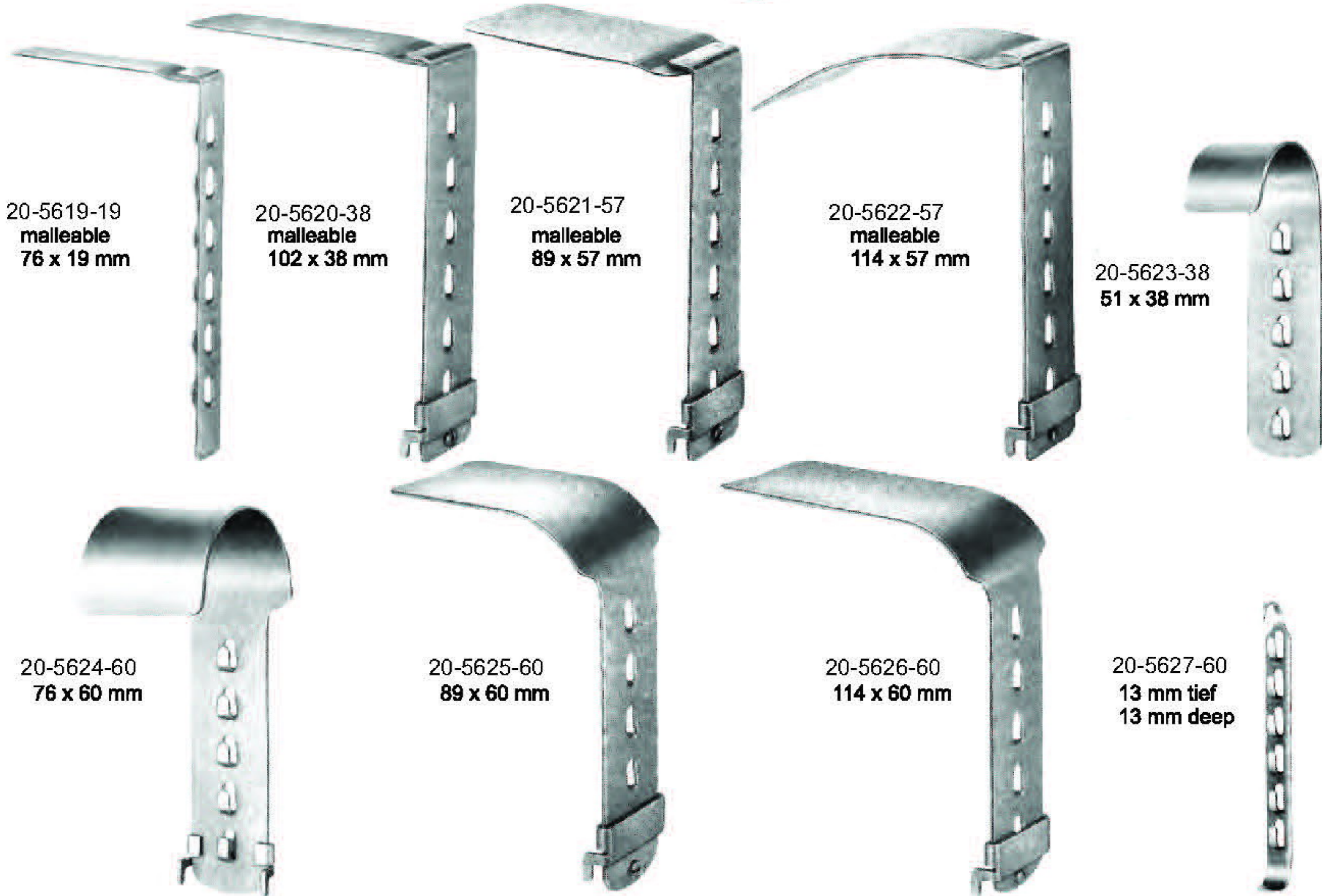
TURNER-WARWICK
Retractor frame, round
20-5611-18 Ø 18 cm/7 1/8"
20-5611-23 Ø 23cm/9"
20-5611-30 Ø 30.5cm/12"



TURNER-WARWICK
20-5612-33
Retractor frame, oval
457 x 330 mm



TURNER-WARWICK
20-5613-33
Abdominal retractor, complete
consisting of
1 frame 20-5614-33
2 retractor blades of each 20-5615-33
2 abdominal retractor of each 20-5616-33
2 abdominal retractor of each 20-5617-33
2 retractor blade single hooks 20-5618-33



20-5619-19
malleable
76 x 19 mm

20-5620-38
malleable
102 x 38 mm

20-5621-57
malleable
89 x 57 mm

20-5622-57
malleable
114 x 57 mm

20-5623-38
51 x 38 mm

20-5624-60
76 x 60 mm

20-5625-60
89 x 60 mm

20-5626-60
114 x 60 mm

20-5627-60
13 mm tief
13 mm deep

- EN** Dermatology
- DE** Dermatologie
- ES** Dermatología
- FR** Dermatologie
- IT** Dermatologia

Page 301 to 302



Comedone Extractors



Schamberg
 21-5750-10
 10 cm/4"

Unna
 21-5751-14
 14 cm/5 1/2"

21-5752-14
 14 cm/5 1/2"

Unna
 21-5753-14
 14 cm/5 1/2"

Sealfeld
 21-5754-10
 10 cm/4"

Skin Currettes



Saalfeld
 21-5755-14
 14 cm/5 1/2"

Katsch
 21-5756-14
 11.5 cm

Unna-Vidal
 21-5757-18
 18 cm/7"

Gillesberger
 21-5758-14
 14.5cm

Piffard
 14.5cm/5 3/4"

Fig. 1 21-5759-01

Fig. 2 21-5759-02

Fig. 3 21-5759-03

Lupus Currettes

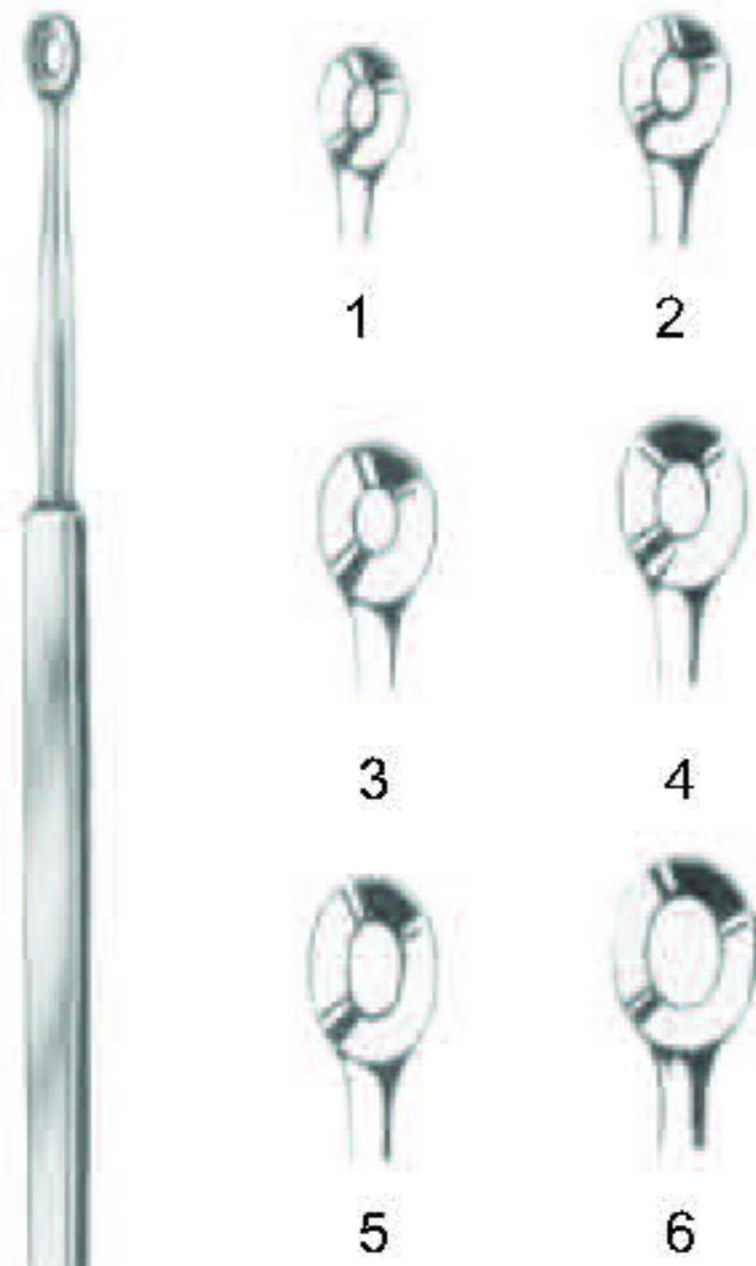
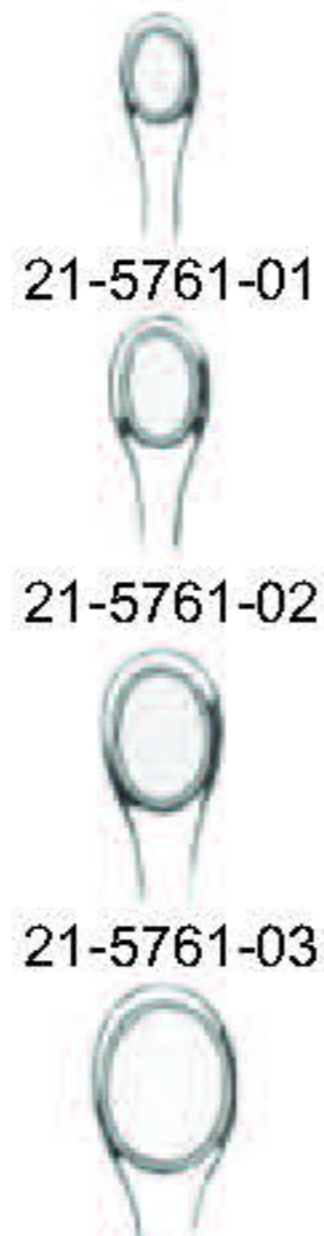


Fig.
 1 21-5760-01
 2 21-5760-02
 3 21-5760-03
 4 21-5760-04
 5 21-5760-05
 6 21-5760-06

Wolff
 14 cm/5½"

Lupus Currettes



21-5761-01
 21-5761-02
 21-5761-03
 21-5761-04

Fox
 14 cm/5½"

Lupus Scraper



Vidal
 21-5762-14
 14 cm/5½"

Moncorps Knife



Moncorps
 21-5763-14
 14 cm/5½"

Cutaneous Hook

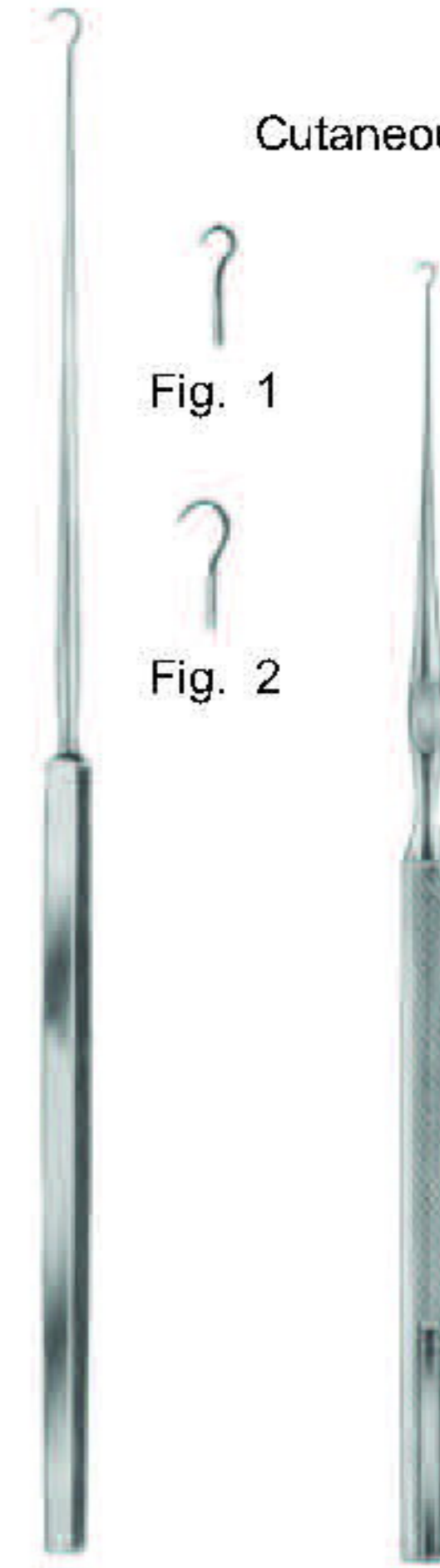


Fig. 1
 Fig. 2

Gillies
 Fig. 1 21-5764-01
 Fig. 2 21-5764-02
 18 cm/7"

Kilner
 21-5765-15
 15 cm/6"

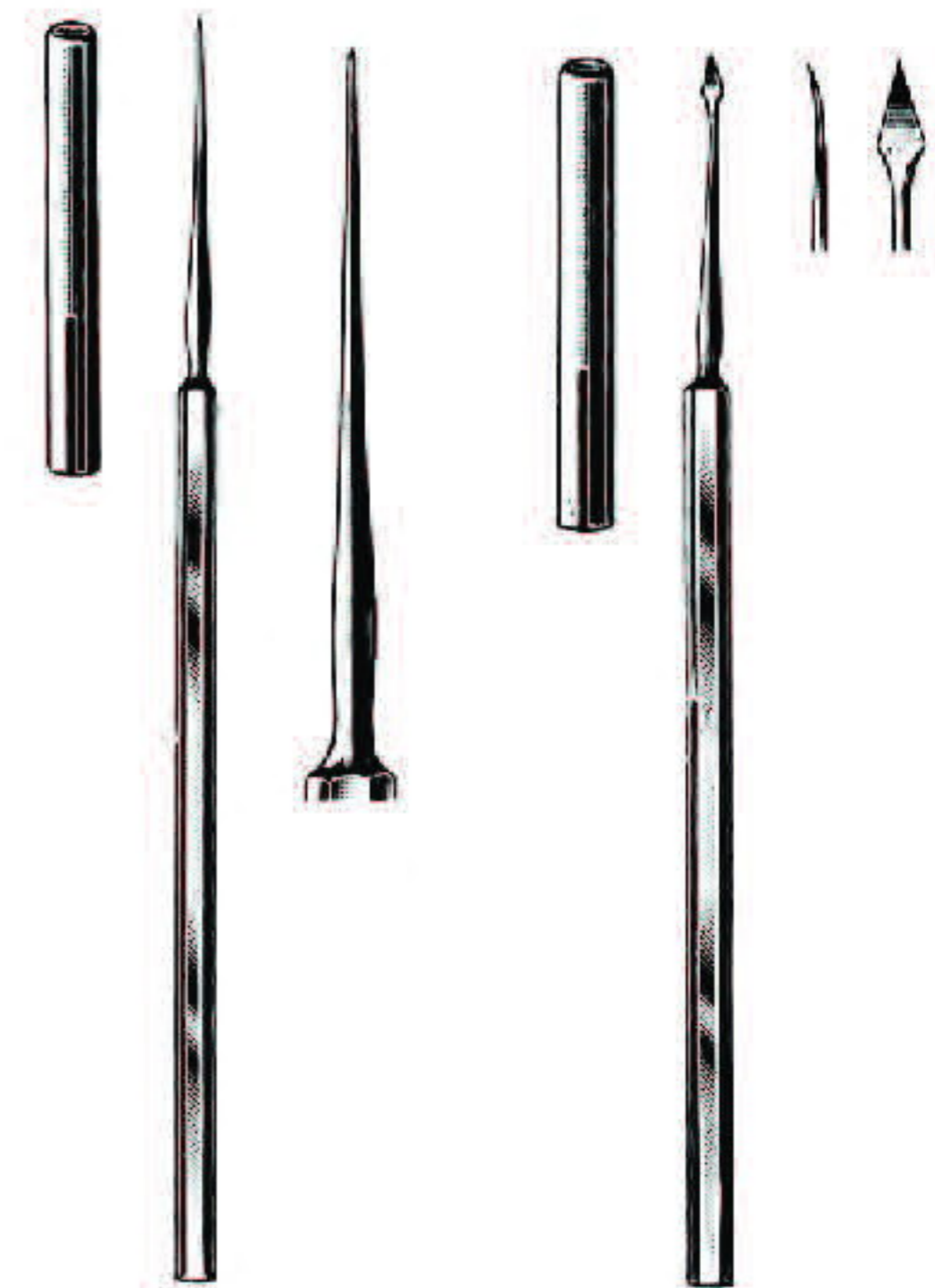
- 1 ○ 21-5766-02 2mm
- 2 ○ 21-5766-03 3mm
- 3 ○ 21-5766-04 4mm
- 4 ○ 21-5766-05 5mm
- 5 ○ 21-5766-06 6mm
- 6 ○ 21-5766-07 7mm
- 7 ○ 21-5766-08 8mm



KEYS
 10.0cm



21-5767-00
 Biopsy set for taking skin specimen
 core drills 1.5, 3.0, 4.5mm ø



21-5768-13
 13.0cm

21-5769-13
 13.0cm

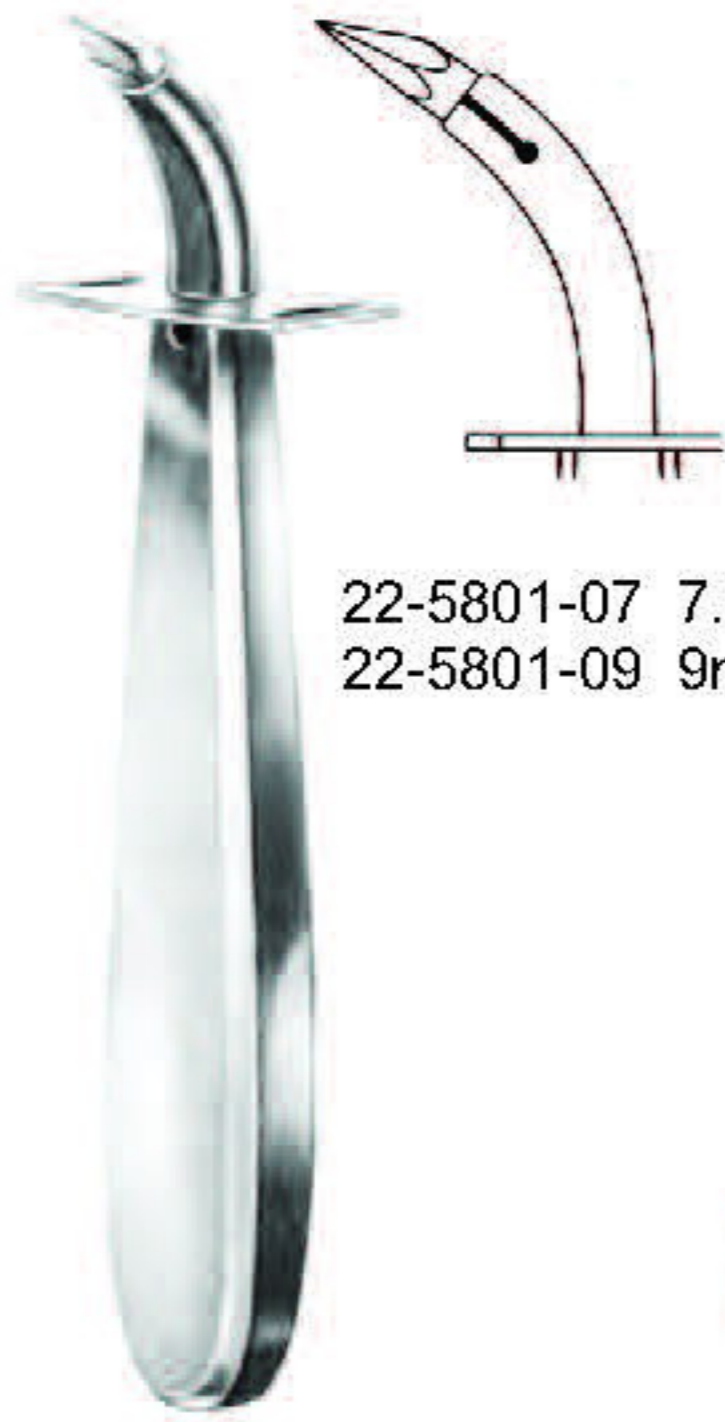
EN	Tracheotomy
DE	Tracheotomie
ES	Traqueotomía
FR	Trachéotomie
IT	Tracheotomia

Page 303 to 305



EN	Trachea Dilators and Retractors
DE	Tracheal-Häkchen, Dilatoren
ES	Separadores para la tráquea, Diladores
FR	Dilatateurs et rétracteurs trachéaux
IT	Dilatatori e divaricatori della trachea

TRACHEOTOMY



22-5801-07 7.5mm Ø
22-5801-09 9mm Ø

UCKERMANN
13.0cm



TROUSSEAU
22-5802-12 12.0cm
22-5802-14 14.0cm



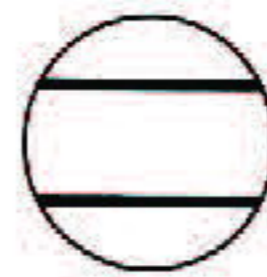
LABORDE
22-5803-14
14.0cm



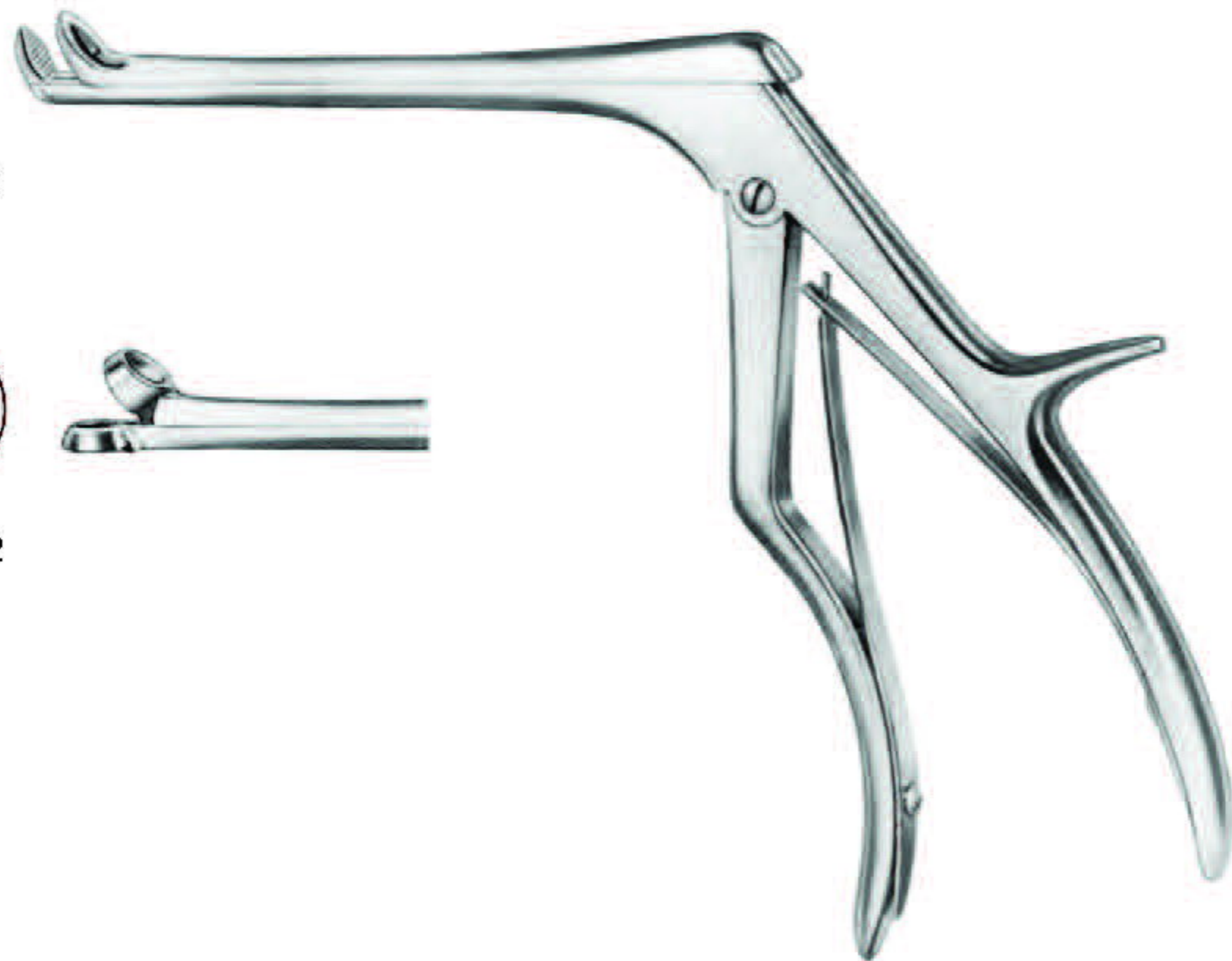
WEERDA
22-5804-09
19.0cm



22-5806-01



22-5806-02



BOSE
22-5805-07
7.0cm



ROSE
 22-5814-13
 13.0cm



LUER
 22-5815-11
 11.0cm



JACKSON
 22-5816-15
 15.0cm



22-5817-15
 15.0cm



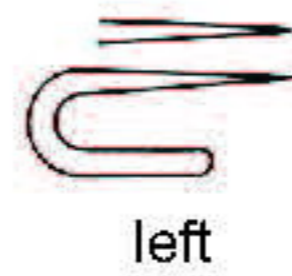
ITERSON
 16.0cm



22-5818-01
 Sharp

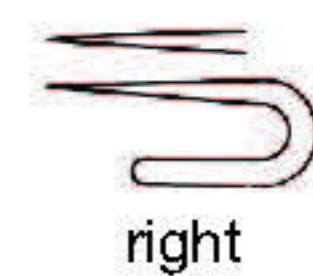


22-5818-02
 Blunt



left

BOSE
 22-5819-16
 16.0cm



right

BOSE
 22-5820-16
 16.0cm

EN	Trachea Tubes
DE	Tracheal-Kanülen
ES	Cánulas traqueales
FR	Tubes de trachée
IT	Tubi di trachea

TRACHEOTOMY



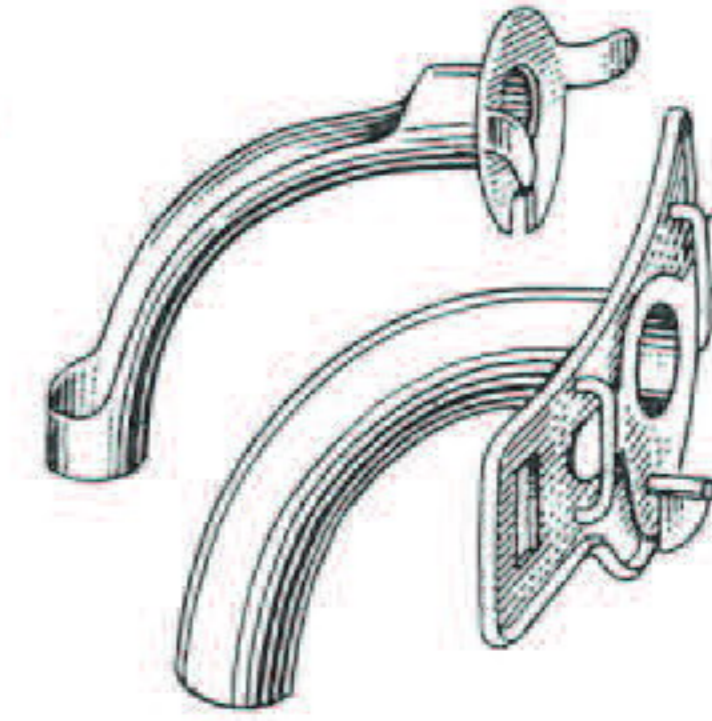
KRISHABER

Fig	mm	
0	4	22-5825-04
1	5	22-5825-05
2	6	22-5825-06
3	7	22-5825-07
4	8	22-5825-08
5	9	22-5825-09
6	10	22-5825-10
7	11	22-5825-11
8	12	22-5825-12



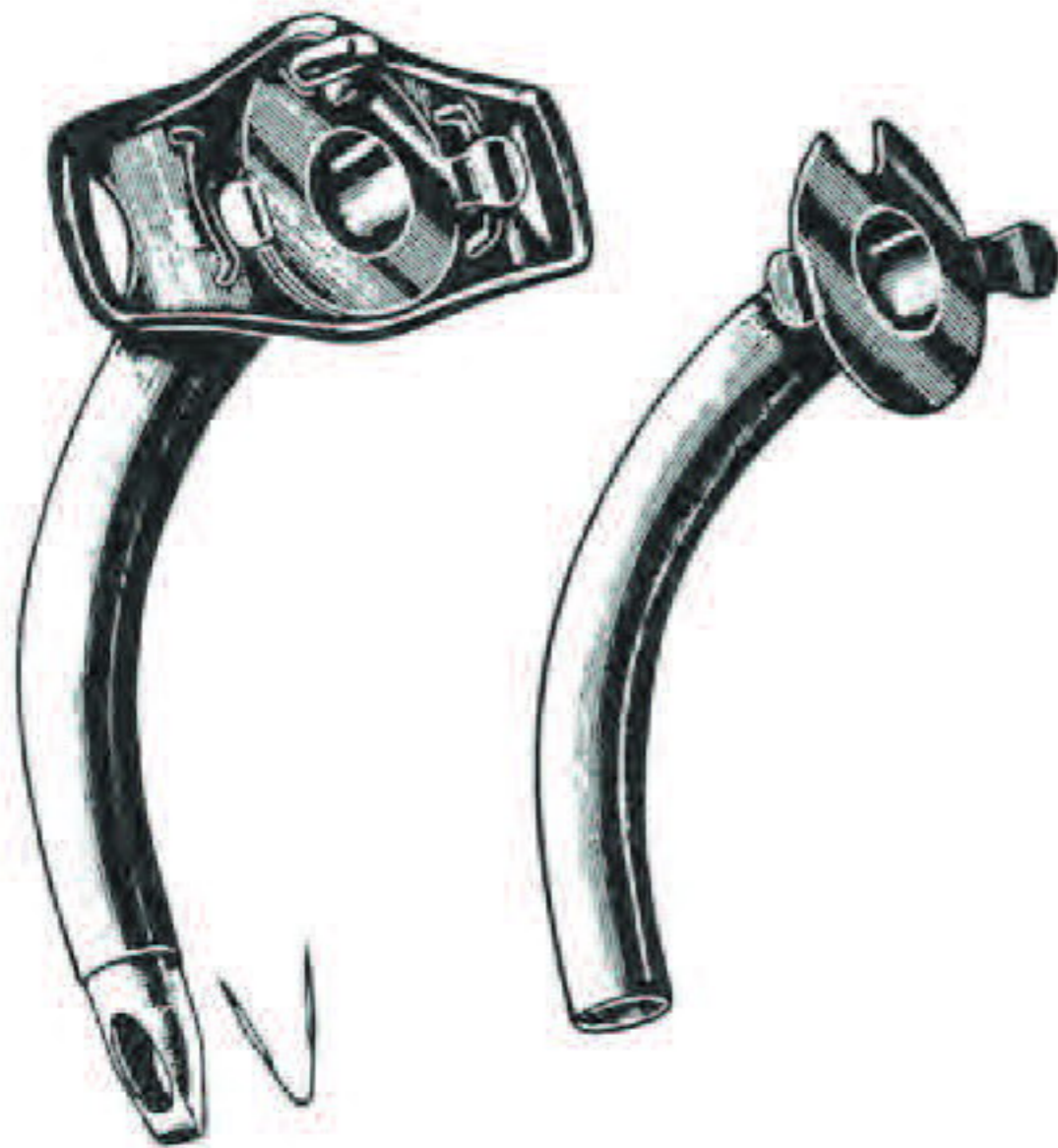
KRISHABER-LUER

Fig	mm	
0	4	22-5826-04
1	5	22-5826-05
2	6	22-5826-06
3	7	22-5826-07
4	8	22-5826-08
5	9	22-5826-09
6	10	22-5826-10
7	11	22-5826-11
8	12	22-5826-12



PARKER

Fig	F.G	
1	16	22-5827-16
2	18	22-5827-18
3	20	22-5827-20
4	22	22-5827-22
5	24	22-5827-24
6	26	22-5827-26
7	28	22-5827-28
8	30	22-5827-30
9	32	22-5827-32



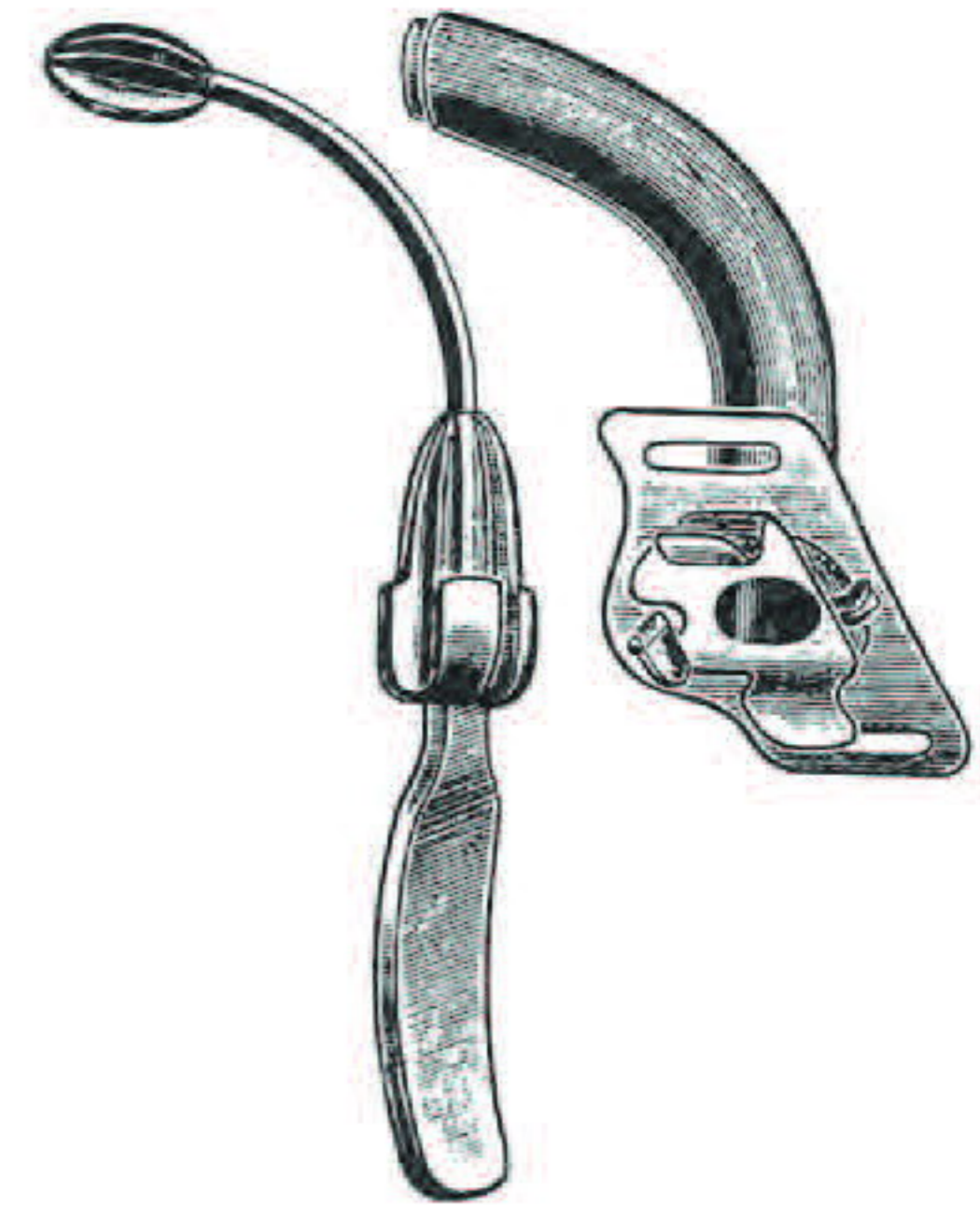
COLLIN

Fig	mm	
0	4	22-5828-04
1	5	22-5828-05
2	6	22-5828-06
3	7	22-5828-07
4	8	22-5828-08
5	9	22-5828-09
6	10	22-5828-10
7	11	22-5828-11
8	12	22-5828-12



FULLER

Fig	F.G	
1	18	22-5829-18
2	20	22-5829-20
3	22	22-5829-22
4	24	22-5829-24
5	26	22-5829-26
6	28	22-5829-28
7	30	22-5829-30
8	32	22-5829-32



CUBLEY

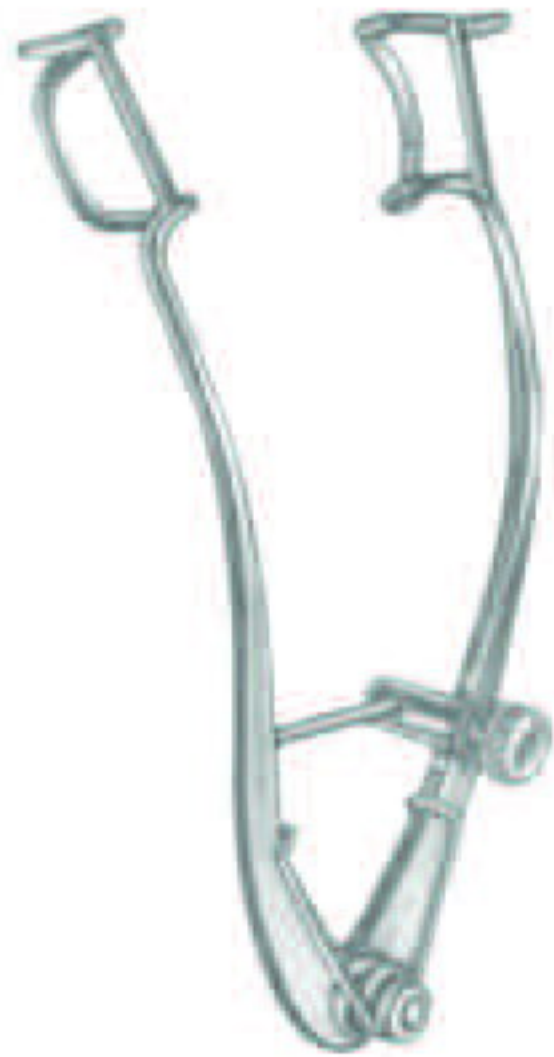
Fig	F.G	
1	16	22-5830-16
2	18	22-5830-18
3	20	22-5830-20
4	22	22-5830-22
5	24	22-5830-24
6	26	22-5830-26
7	28	22-5830-28
8	30	22-5830-30
9	32	22-5830-32

- EN** Ophthalmology
- DE** Ophthalmologie
- ES** Oftalmología
- FR** Ophtalmologie
- IT** Oftalmologia

Page 306 to 315



EN	Eye Speculas
DE	Lidsperrer
ES	Espéculos ojo
FR	Spéculums pour les yeux
IT	Eye Speculas



Children
23-5901-07
7 cm/2¾"

Weiss

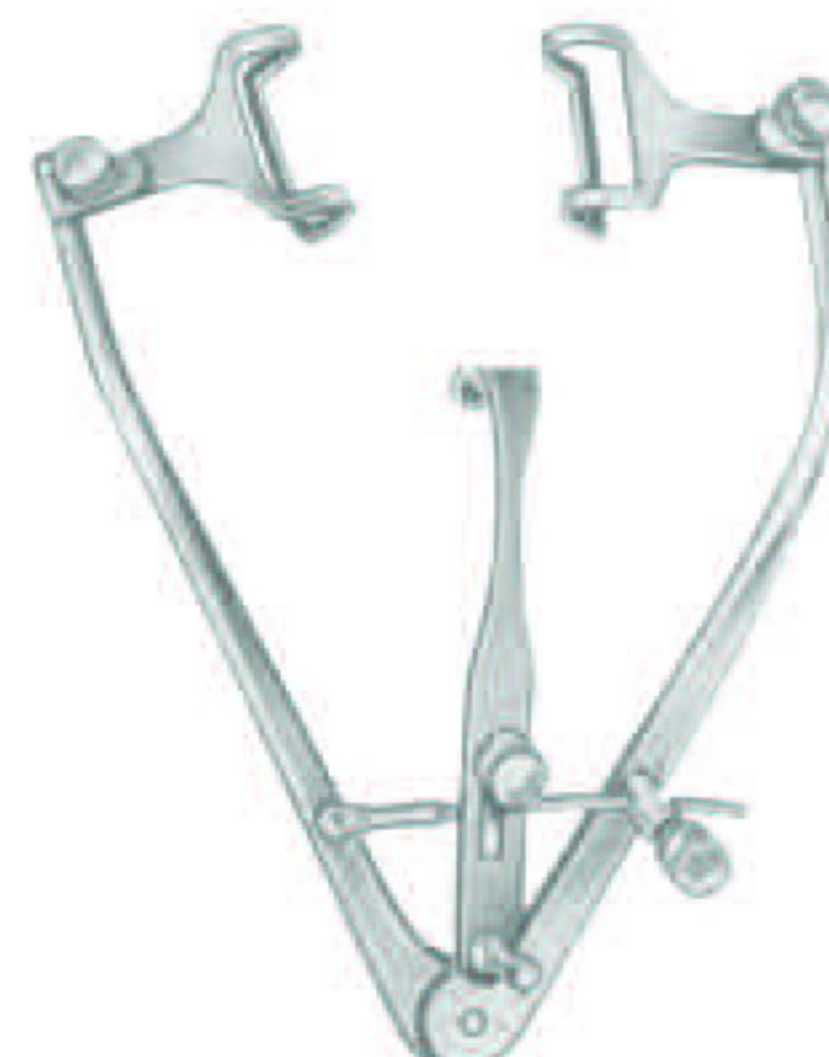
Adults
23-5902-09
9 cm/3½"



Children
23-5903-07
7 cm/2¾"

Weiss

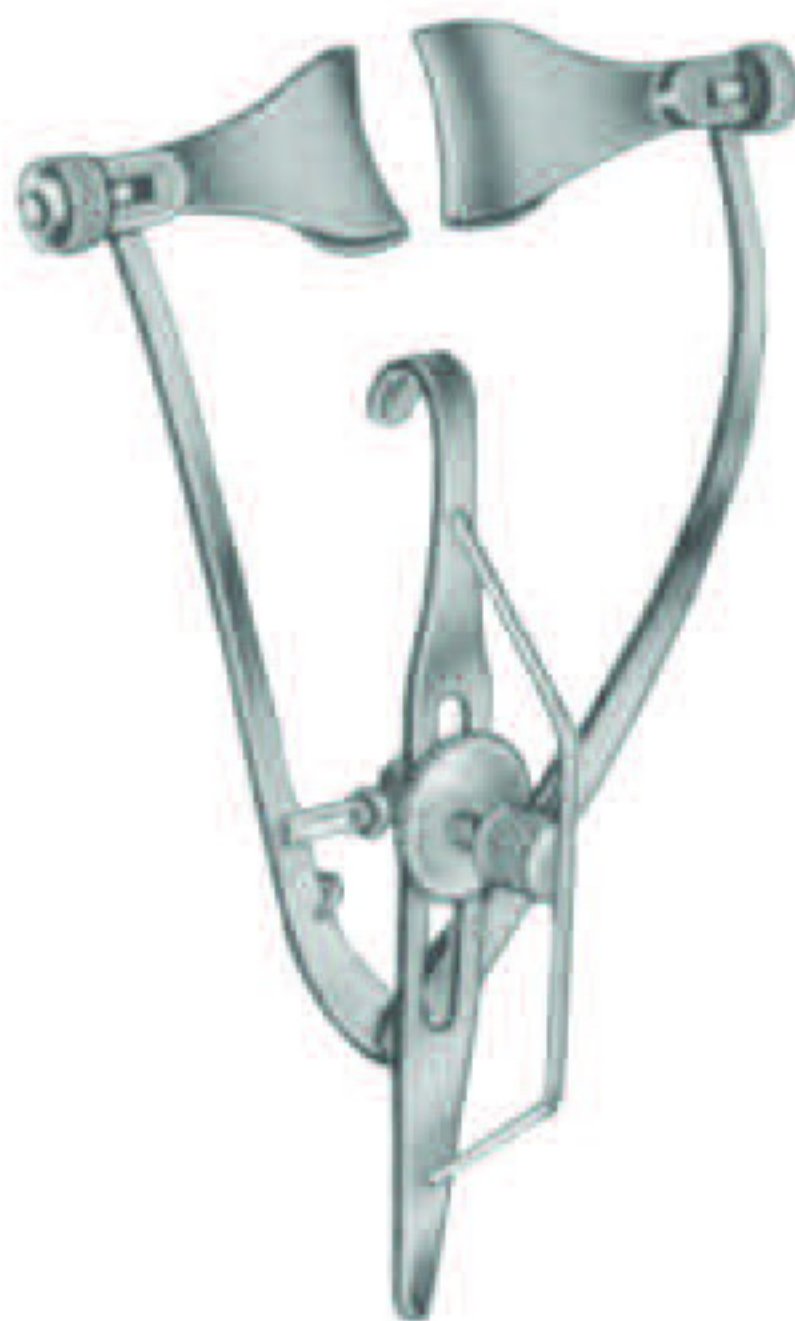
Adults
23-5904-09
9 cm/3½"



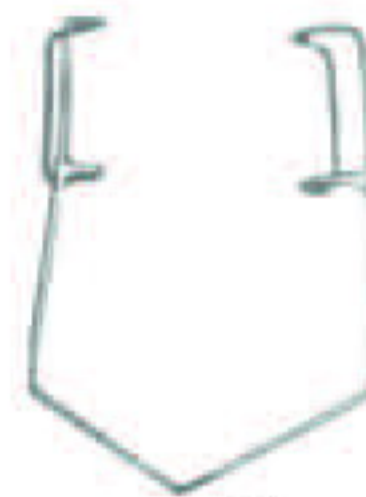
Park
23-5905-08
8 cm/3¼"



Park-Guyton
23-5906-08
8 cm/3¼"



Park-Maumenee
23-5907-08
8 cm/3¼"



Barraquer (Colibri)
Children
23-5908-03
3 cm/1¼"

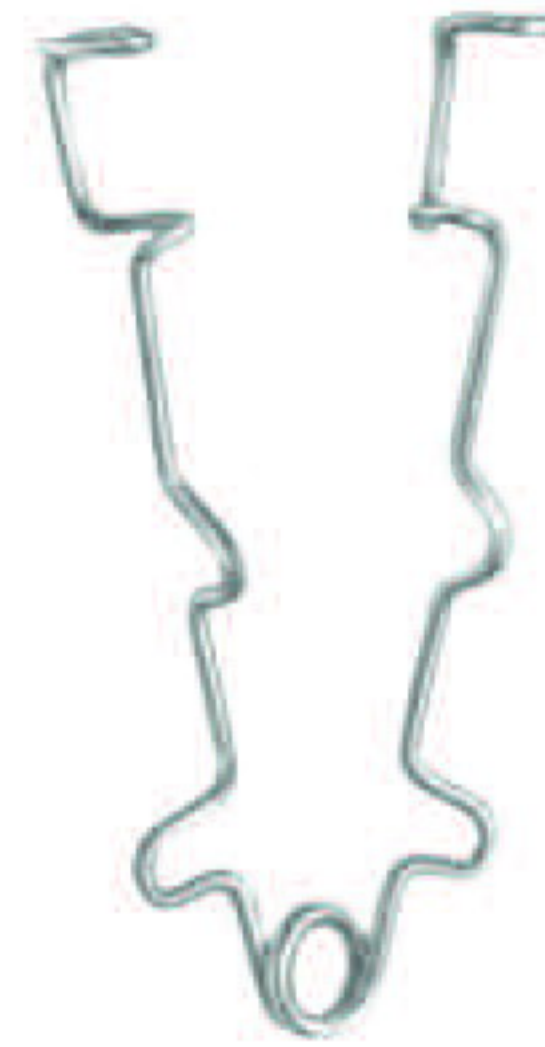
Adults
23-5909-04
4 cm/1½"



Sauer
23-5912-03
3 cm/1¼"



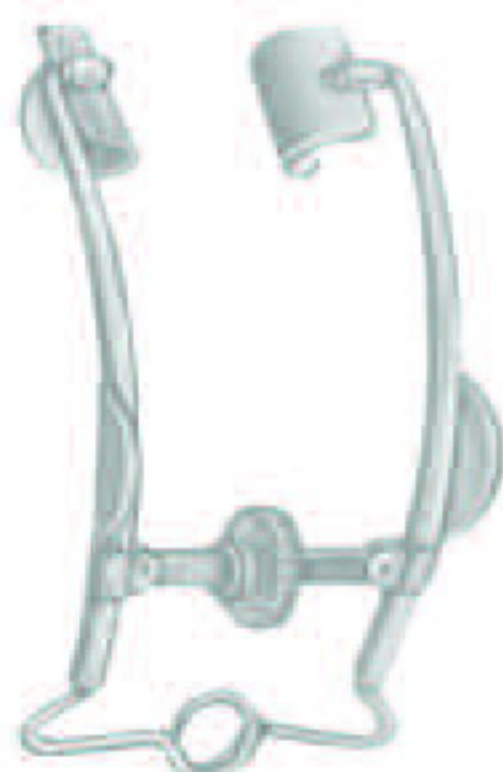
Barraquer
23-5910-04
4 cm/1½"



Bowman
23-5911-07
7 cm/2¾"

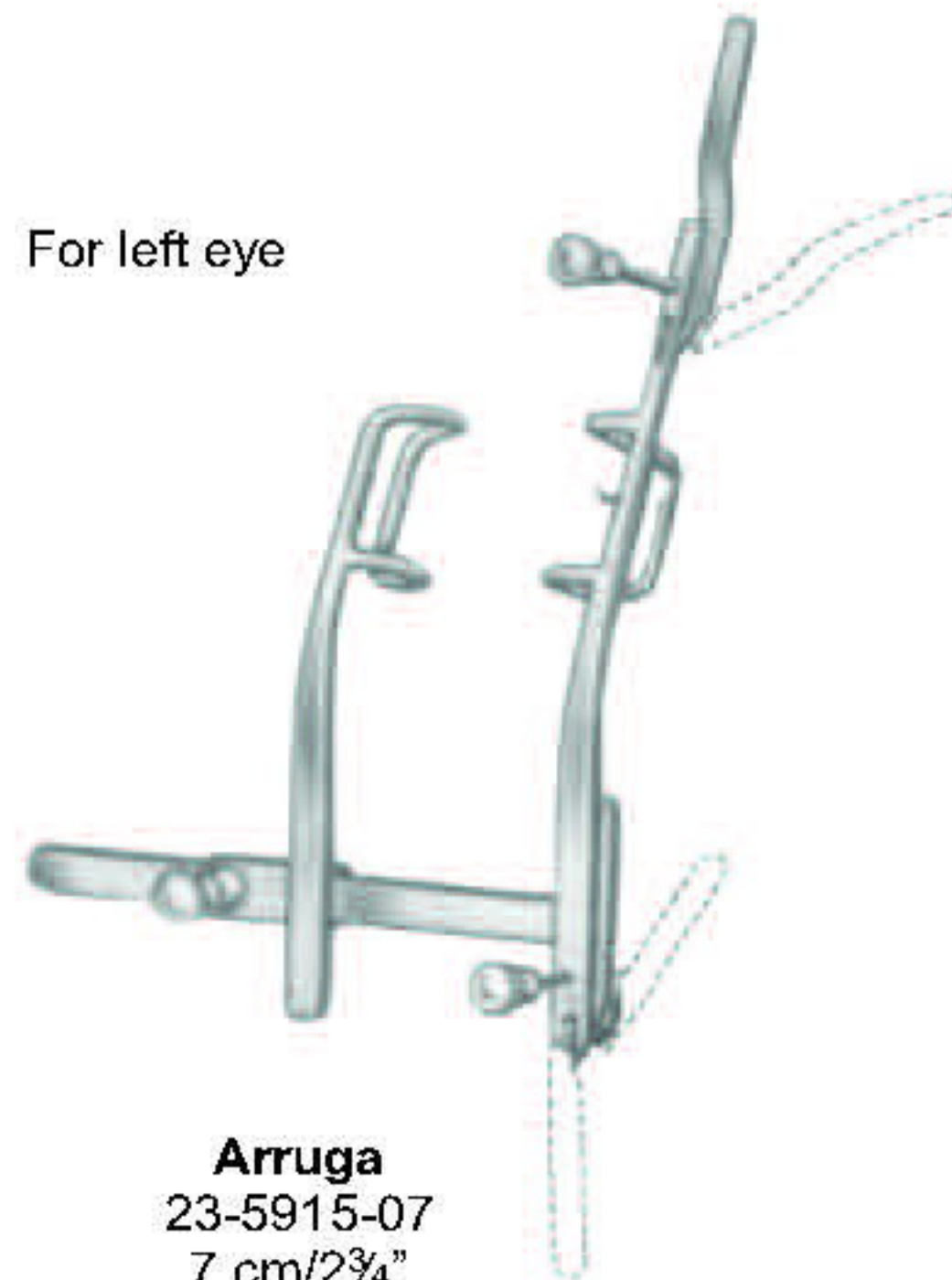


Goldstein
23-5913-03
3 cm/1¼"



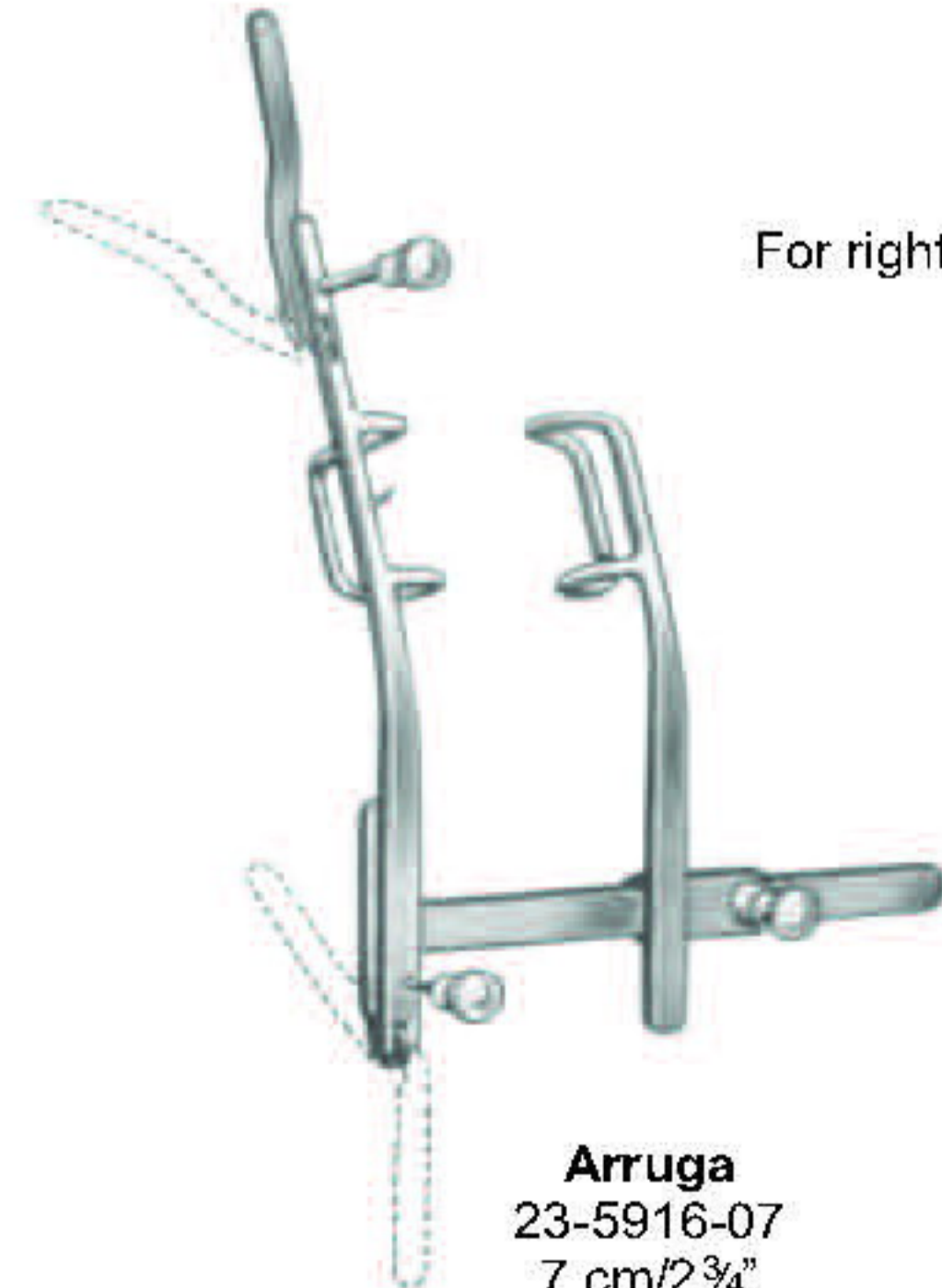
Pley
23-5914-06
6 cm/2¼"

For left eye



Arruga
23-5915-07
7 cm/2¾"

For right eye



Arruga
23-5916-07
7 cm/2¾"



Mellinger-Axenfeld
 23-5917-07
 7 cm/2¾"



Mellinger-Axenfeld
 23-5918-07
 7 cm/2¾"



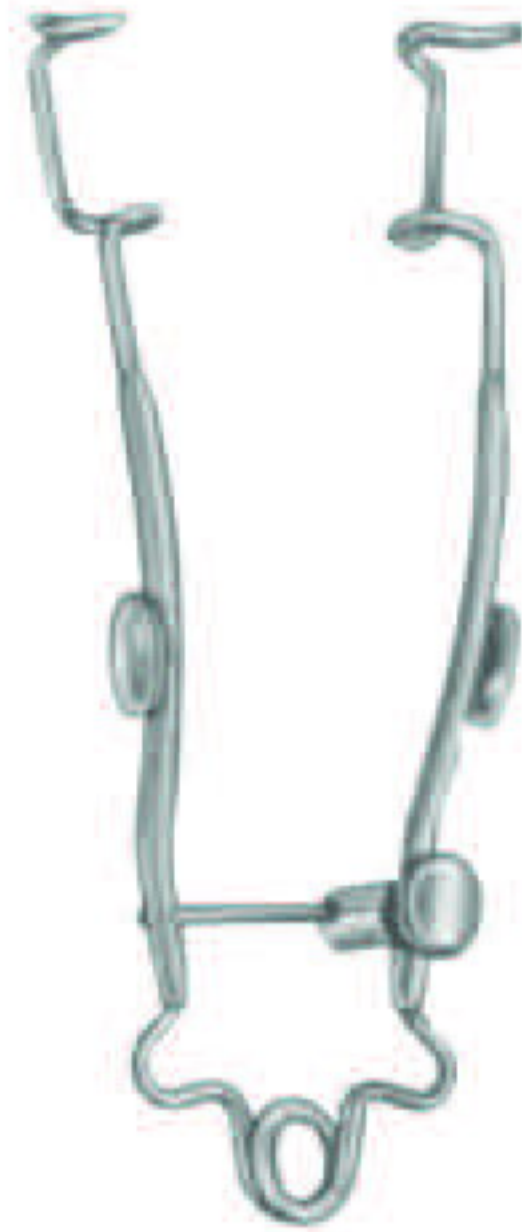
Children **Mellinger** Adults
 23-5919-05 23-5920-07
 5 cm/2¾" 7 cm/2¾"



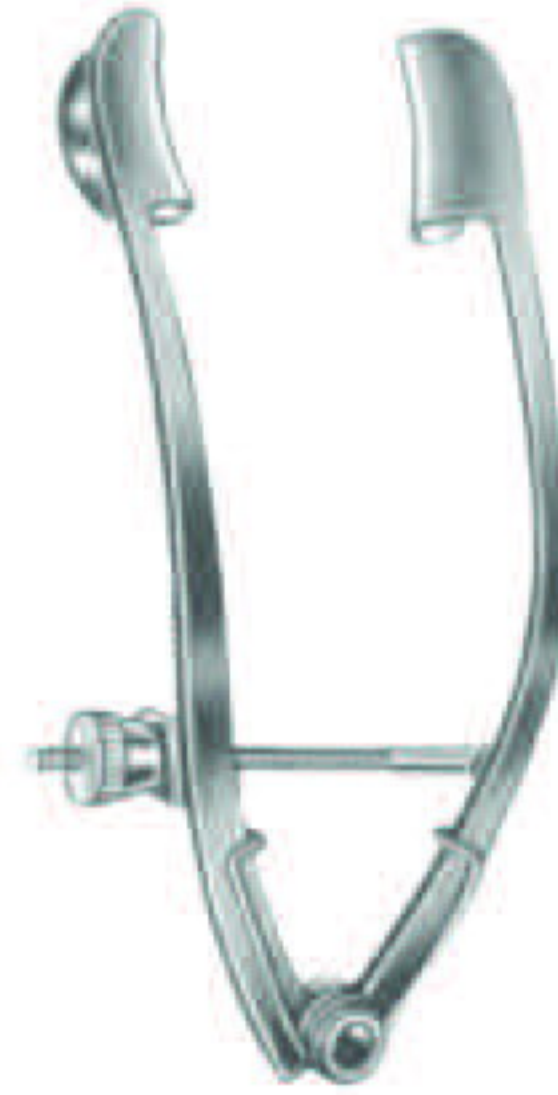
Children **Mellinger Beard** Adults
 23-5921-05 23-5922-07
 5 cm/2" 7 cm/2¾"



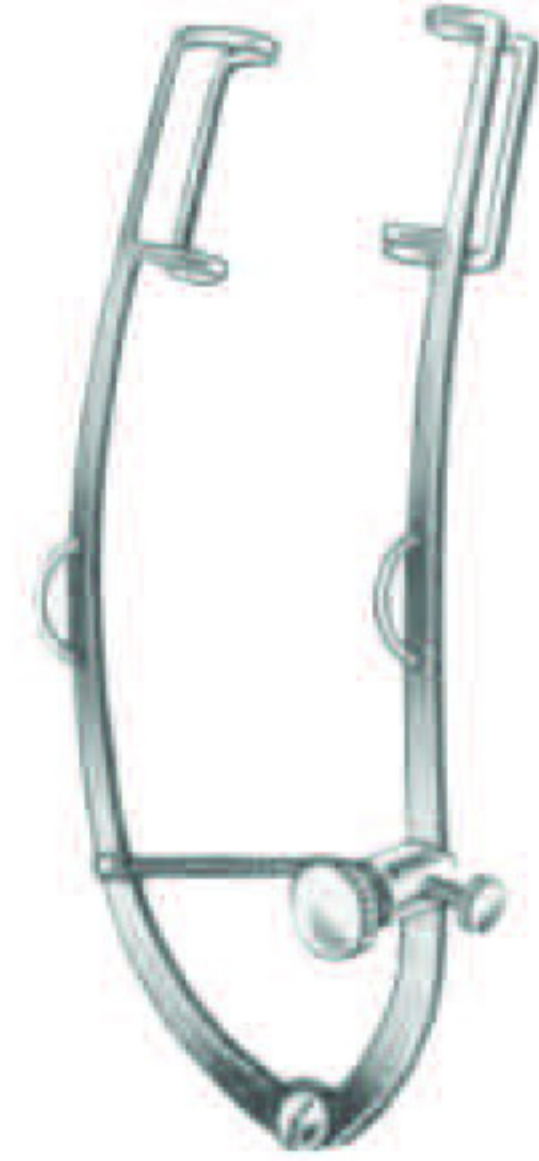
Knapp Clark
 23-5923-08
 8 cm/3¼"



Children **Graefe** Adults
 23-5924-06 23-5925-09
 6 cm/2½" 9 cm/3½"



Lancaster
 23-5926-08
 8 cm/3¼"



Children **Williams** Adults
 23-5927-07 23-5928-08
 7 cm/2¾" 8 cm/3¼"



Lister-Burch
 23-5929-08
 8 cm/3¼"



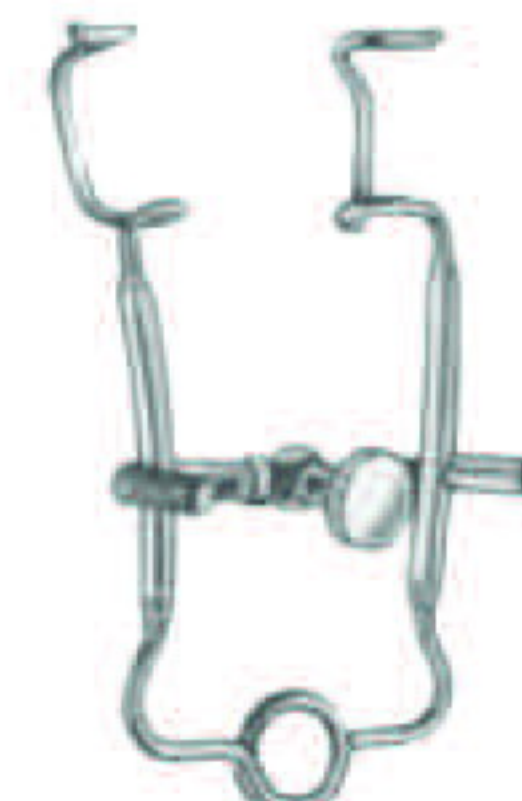
Weiss
 23-5930-08
 8 cm/3¼"



Murdock
 23-5931-05
 5 cm/2"



Mueller
 23-5932-07
 7 cm/2¾"



Critchett
 23-5933-06
 6 cm/2½"



Castroviejo
 23-5934-08
 8 cm/3¼"

EN	Various Eye Knives
DE	Verschiedene Eye Messer
ES	Varios cuchillos de ojos
FR	Divers couteaux d'oeil
IT	Vari coltelli per gli occhi

OPHTHALMOLOGY



Mod. Hamburg
23-5957-12



Graefe
23-5958-13



23-5959-01



Weber
23-5959-02



23-5959-03



Bowman
23-5960-04
0.4 mm



Bowman
23-5960-05
0.5 mm



Bowman
23-5960-06
0.6 mm



Bowman
23-5960-07
0.7 mm



Bowman
23-5960-08
0.8 mm



Left **Bowman** Right
23-5961-01 23-5961-02



23-5962-01



Knapp
23-5962-02



23-5962-03



23-5963-05
5 mm



Ziegler
23-5963-06
6 mm



23-5963-07
7 mm

Various Eye Knives	EN
Verschiedene Eye Messer	DE
Varios cuchillos de ojos	ES
Divers couteaux d'oeil	FR
Vari coltelli per gli occhi	IT



Dean
23-5964-13



Zigler
23-5965-11
3½ mm



Sato
23-5966-12



Sichel
23-5967-13



Graefe
23-5968-13



Graefe
23-5969-13



23-5970-01



Kuhnt
23-5971-02



23-5972-03



23-5973-04



Paton
23-5974-12



Elsching
23-5975-13



Took
23-5976-12



23-5977-01



Desmarres
23-5978-02



23-5979-03



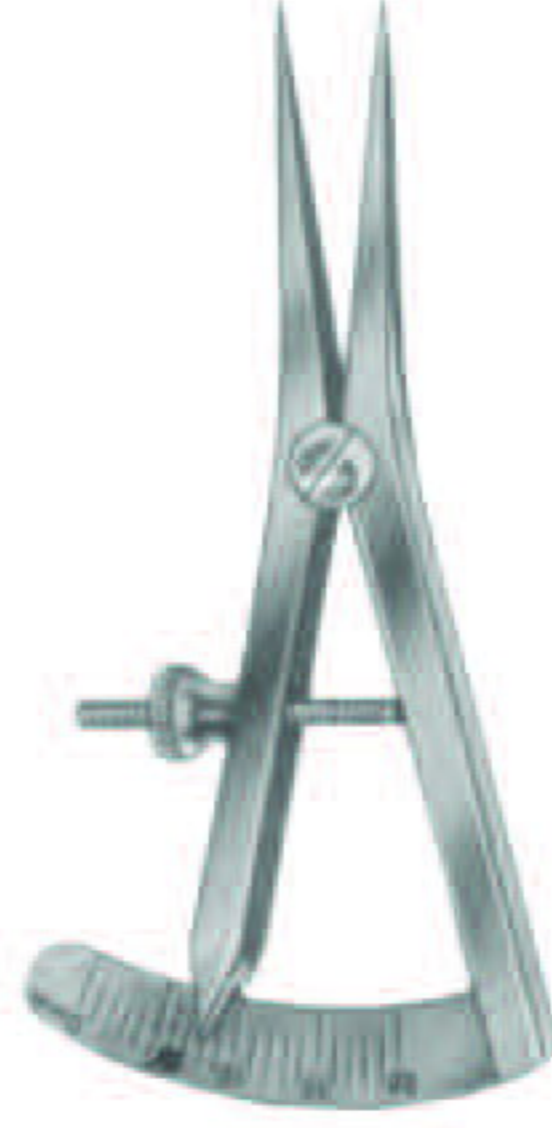
Gill
23-5980-12

EN	Calipers, Markers, Punches Chisels
DE	Messschieber, Marker, Punches Meißel
ES	Pinzas, marcadores, cinceles Punzones
FR	Étriers, marqueurs, poinçons Burins
IT	Calibri, pennarelli, punzoni

OPHTHALMOLOGY



Castroviejo
23-6036-15



Castroviejo
23-6037-20
20 mm



Holth
23-6038-01



Haitz
23-6039-02



West
23-6040-16
16 cm/6 1/4"



West
23-6041-16
16 cm/6 1/4"



Connin-Amsler
23-6042-13
13 cm/5"



Wilder
23-6043-01



Wilder
23-6044-02



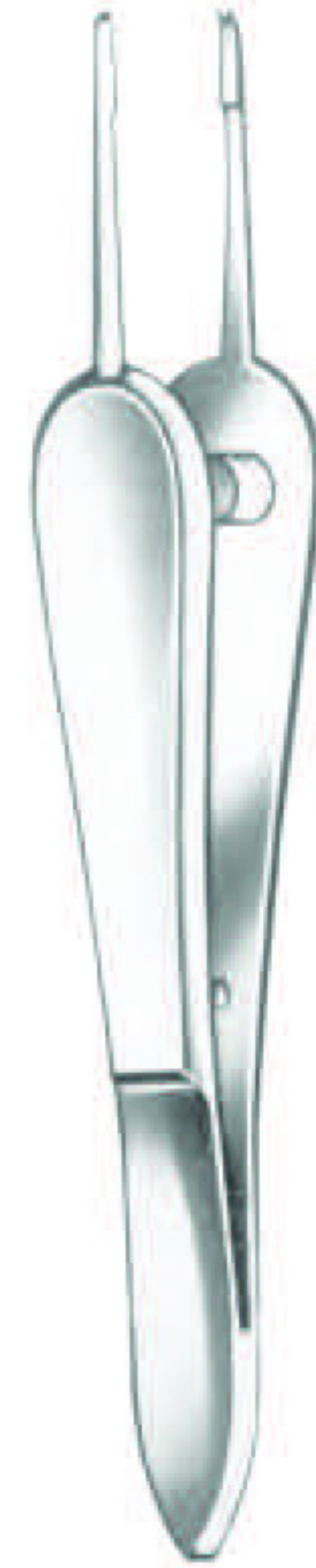
Wilder
23-6045-03



Tuebingen
 23-6058-10
 10 cm/4"



23-6059-08
 8.5 cm/3 1/2"



Paufigue
 23-6060-10
 10 cm/4"



Barraquer
 23-6061-10
 10.5 cm/4 1/4"



McPherson
 23-6062-10
 10 cm/4"



McPherson
 23-6063-07
 7.5 cm/3"

EN	Trochoma and Chalazion Forceps
DE	Trochoma und Chalazion Zange
ES	Trochoma y Chalazión Pinzas
FR	Trachome et pincés Chalazion
IT	Forcipe per tracoma e Chalazion

OPHTHALMOLOGY



Knapp
23-6132-11
11 cm/4¼"



Ayer
23-6133-09
9 cm/3½"



Ayer
23-6134-09
9 cm/3½"



Lambert
23-6135-09
9 cm/3½"



Desmarres
9 cm/3½"



23-6136-01



23-6137-02



23-6138-03



Fig. 1



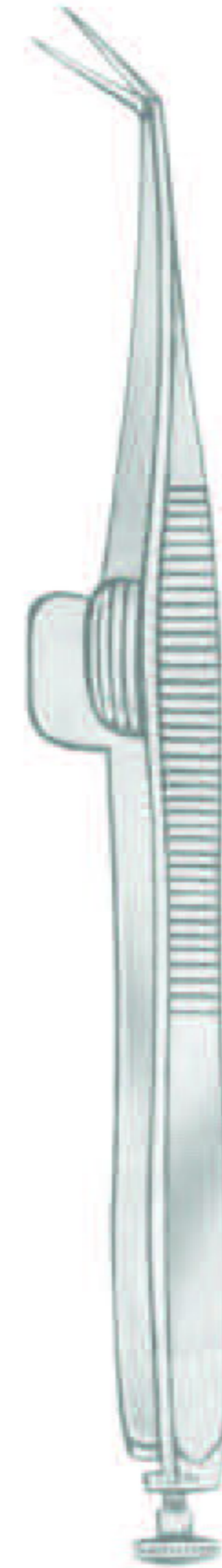
Fig. 2



Fig. 3



Noyes
 23-6140-12
 12 cm/4 3/4"



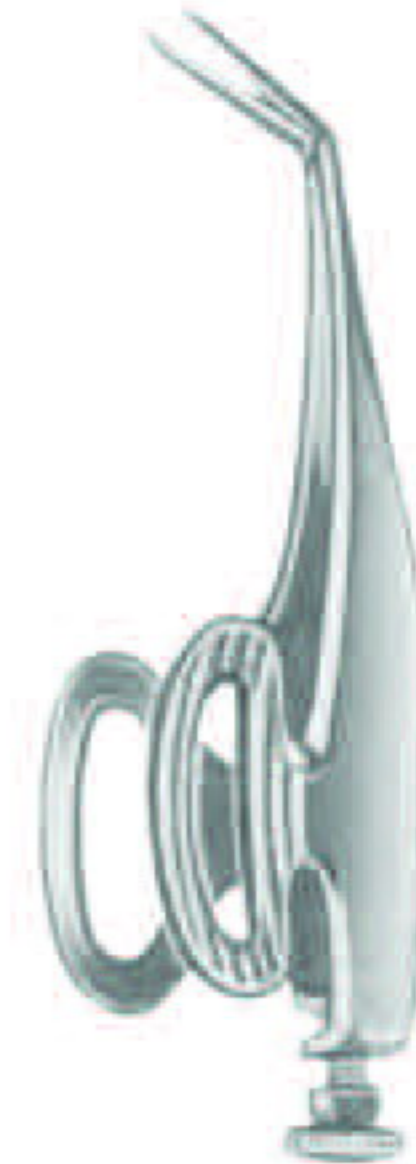
Wecker
 11.5 cm/4 1/2"



23-6141-01

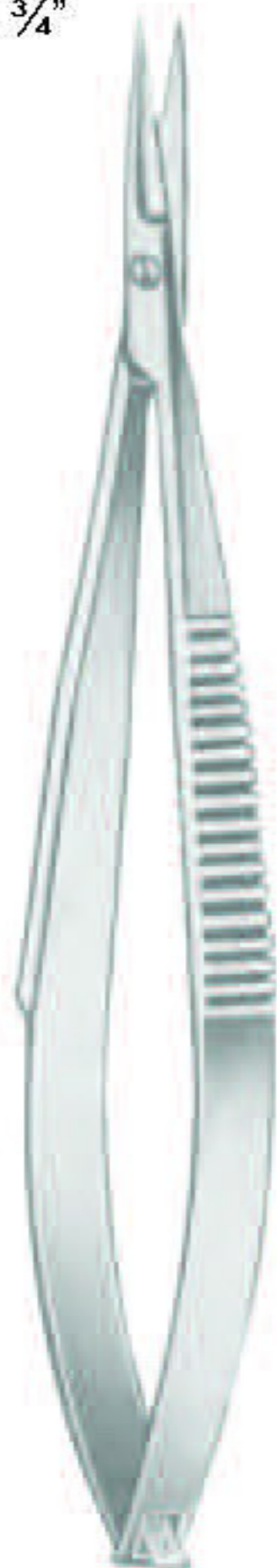


23-6142-02



Barraquer
 23-6143-05
 5.5 cm/2 1/4"

Noyes
 Fig.1 23-6139-01
 Fig.2 23-6139-02
 Fig.3 23-6139-03
 12 cm/4 3/4"



23-6144-09
 9 cm/3 1/2"



23-6145-09



23-6146-09



23-6147-09

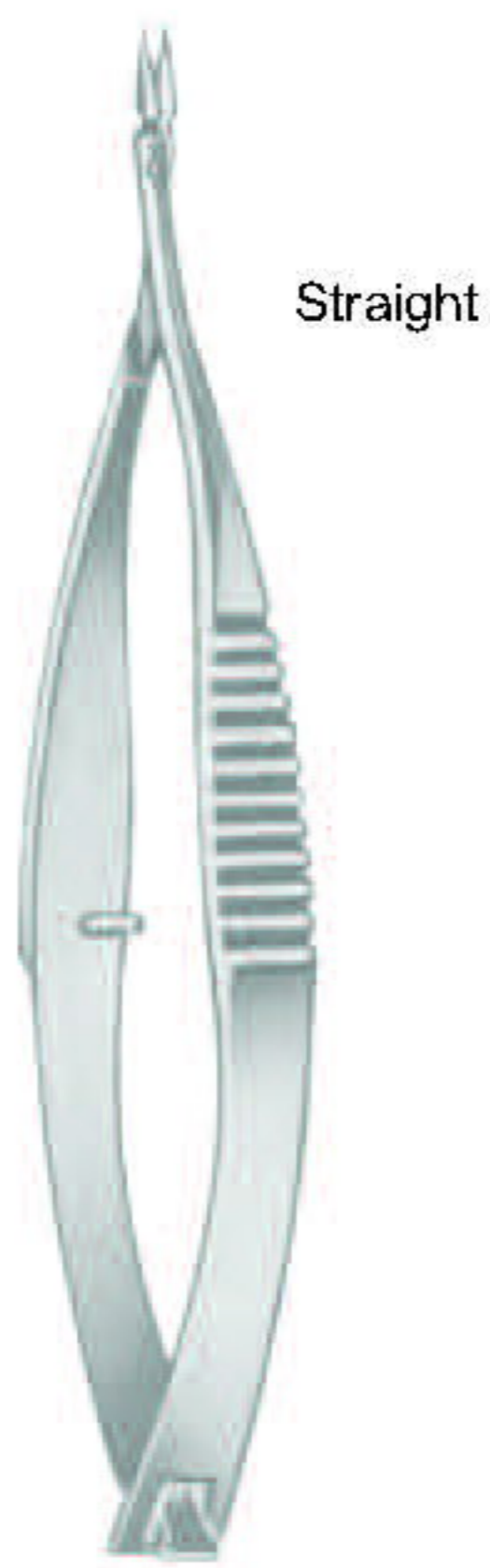


23-6148-09

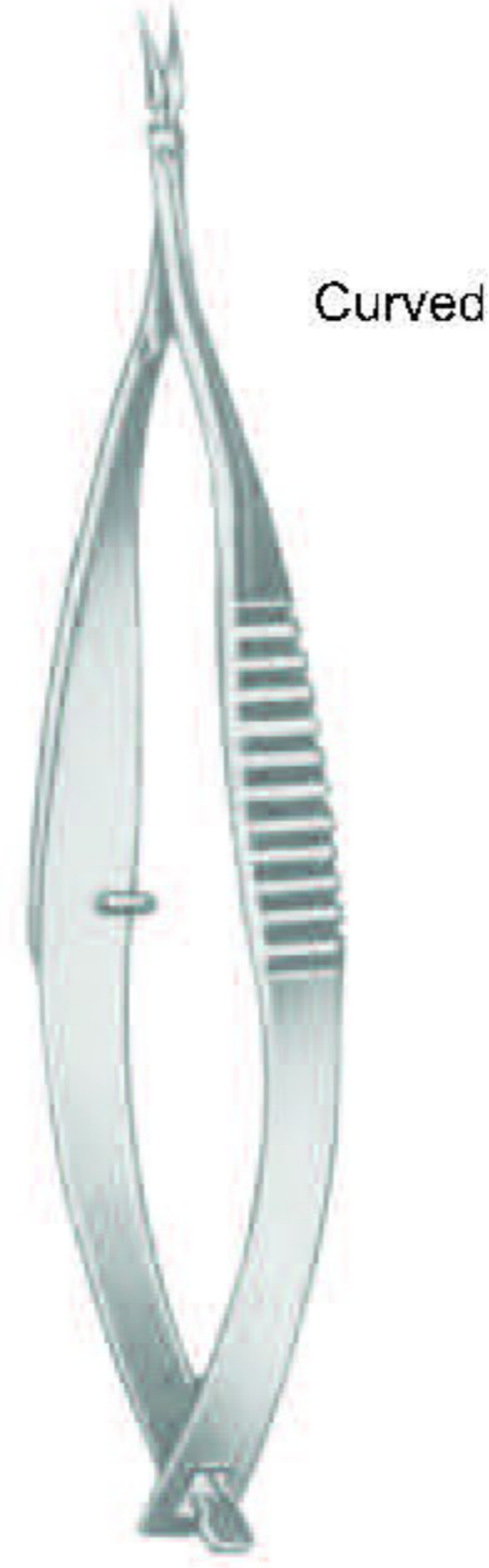


23-6149-09

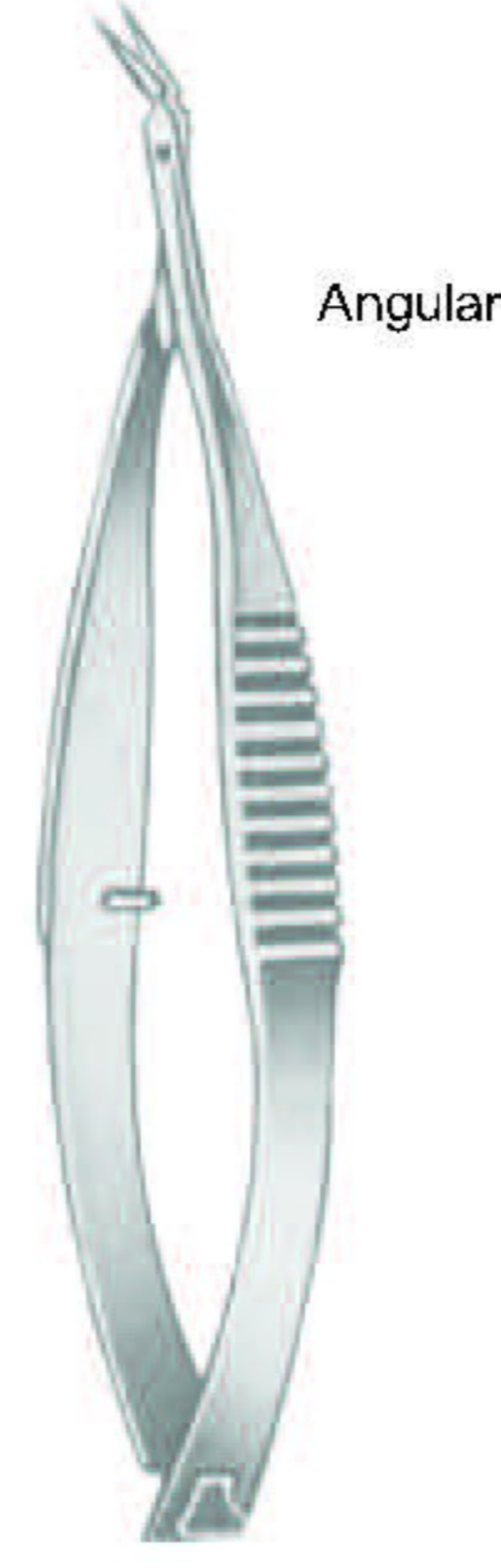
EN	Iridectomy Scissors
DE	Iridektomie Scissors
ES	Tijeras iridectomía
FR	Ciseaux d'iridectomie
IT	Iridectomia Forbici



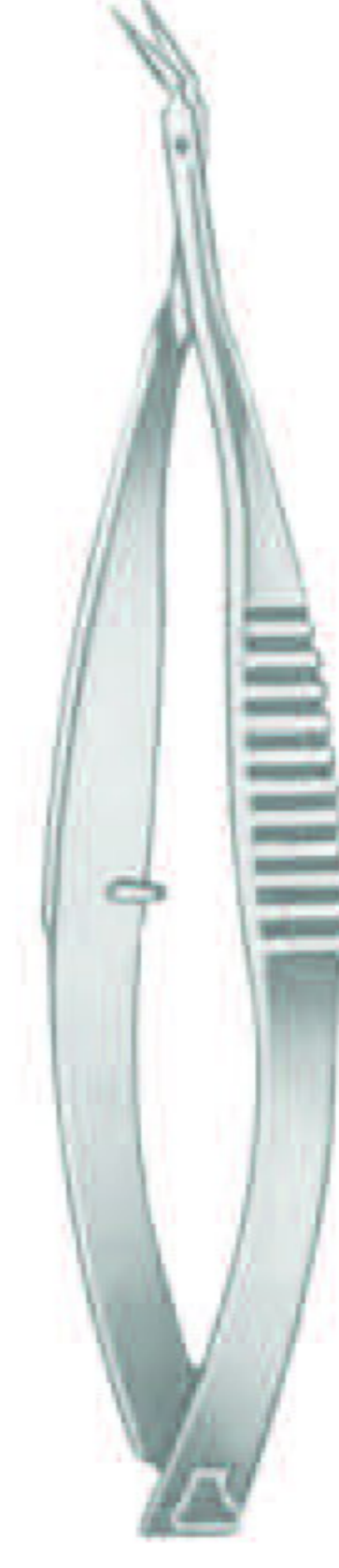
Vannas
23-6150-08
8 cm/3 1/4"



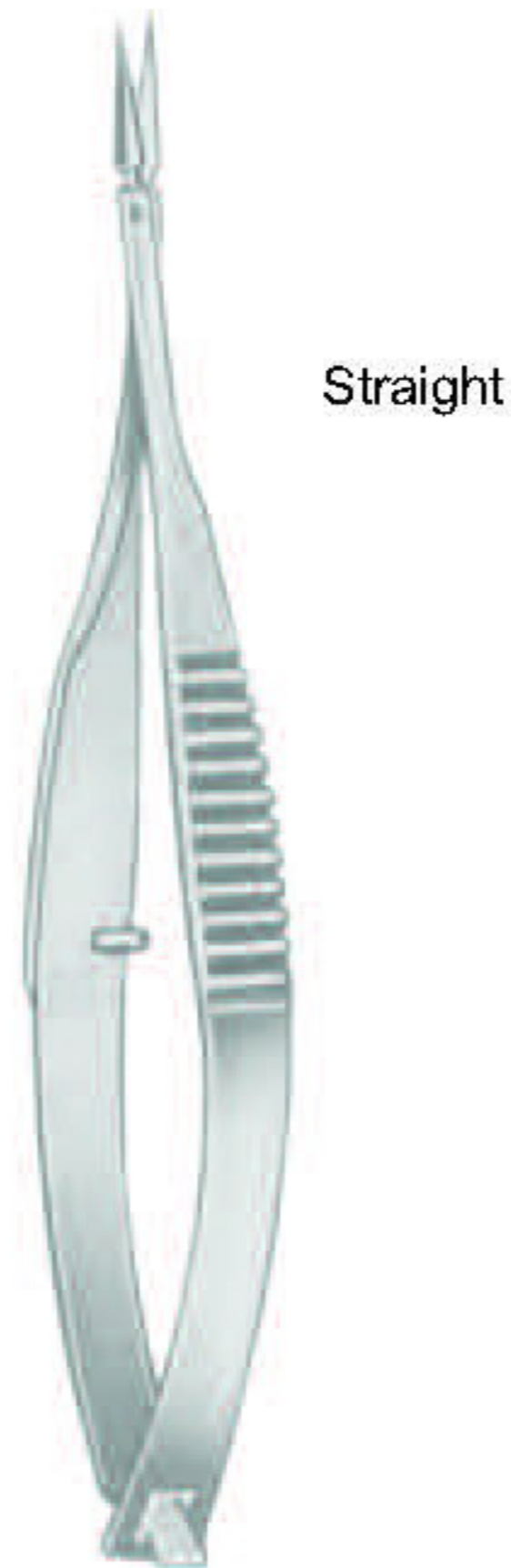
Vannas
23-6151-08
8 cm/3 1/4"



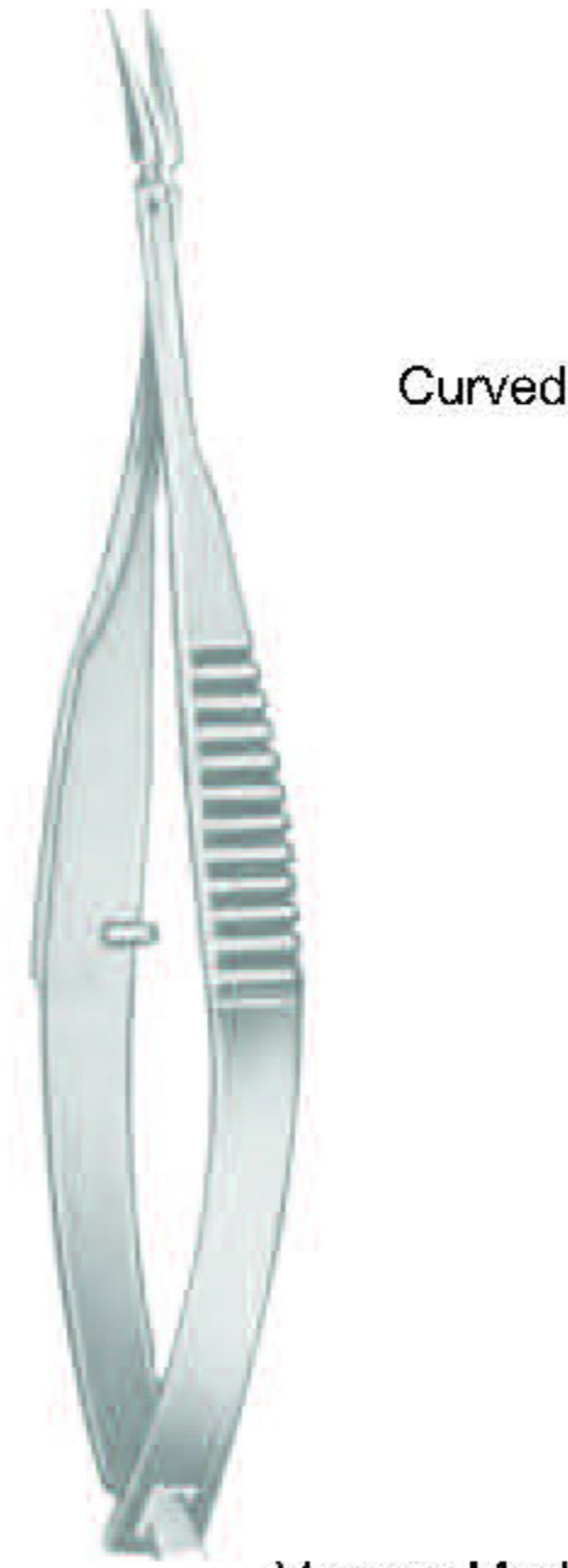
Vannas
23-6152-08
8 cm/3 1/4"



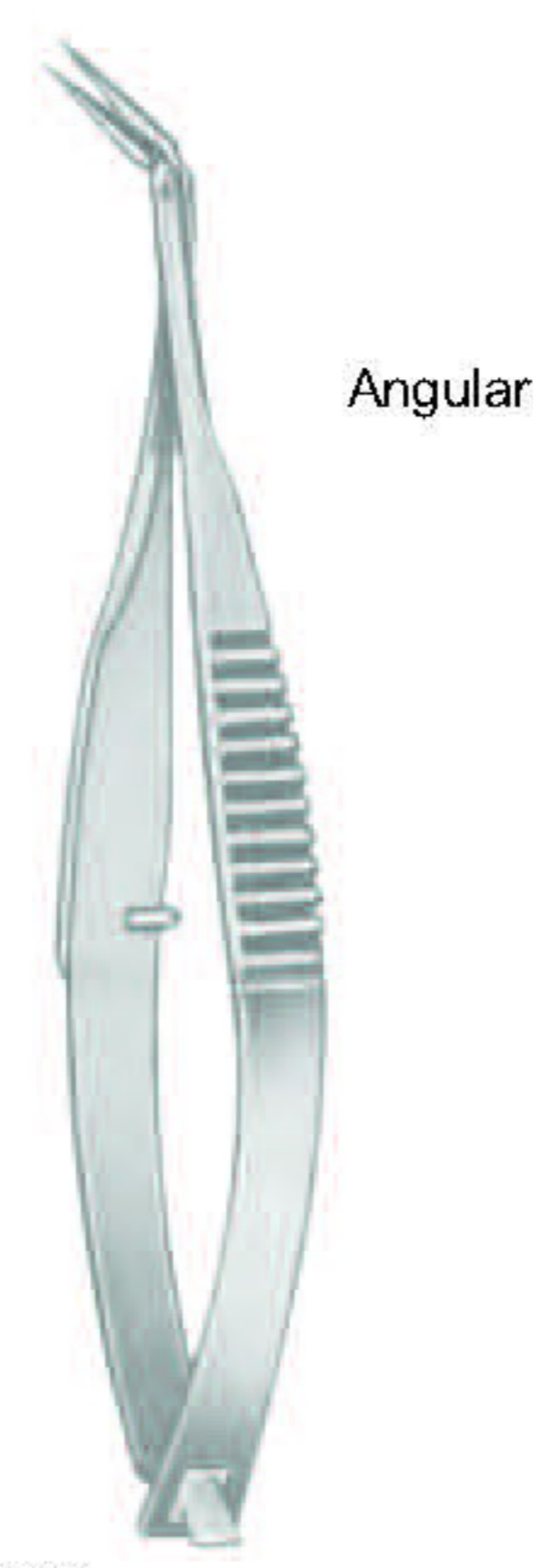
Vannas
23-6153-08
8 cm/3 1/4"



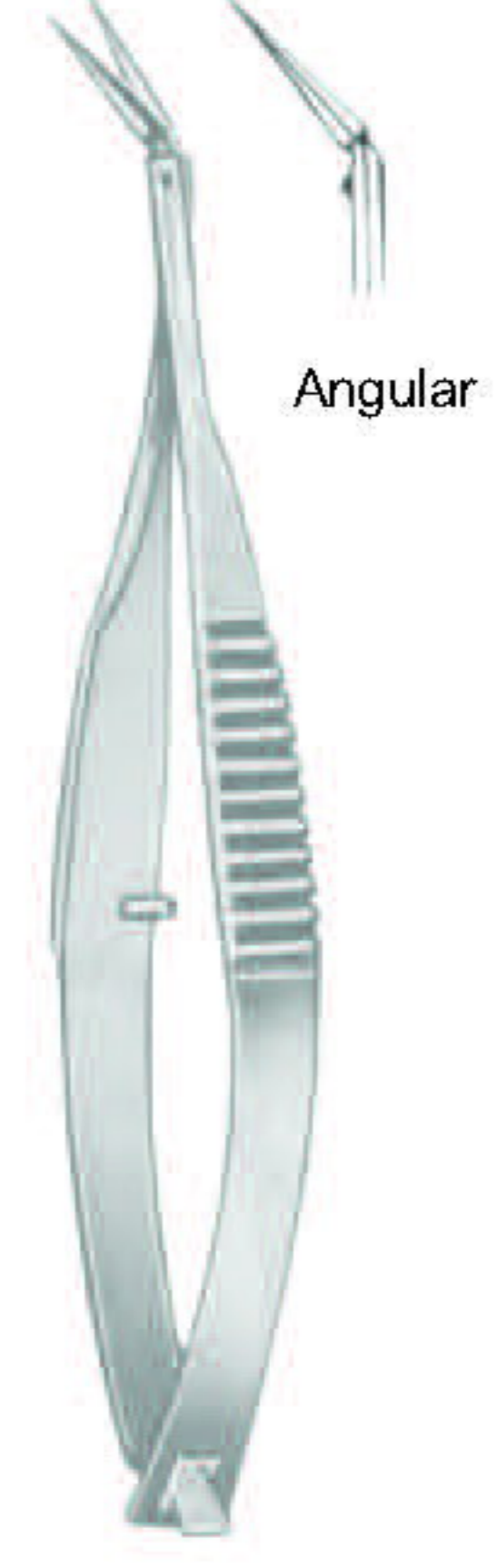
23-6154-08
8.5 cm/3 1/4"



23-6155-08
8.5 cm/3 1/4"



23-6156-08
8.5 cm/3 1/4"



23-6157-08
8.5 cm/3 1/4"

Iridectomy Scissors EN

Iridektomie Scissors DE

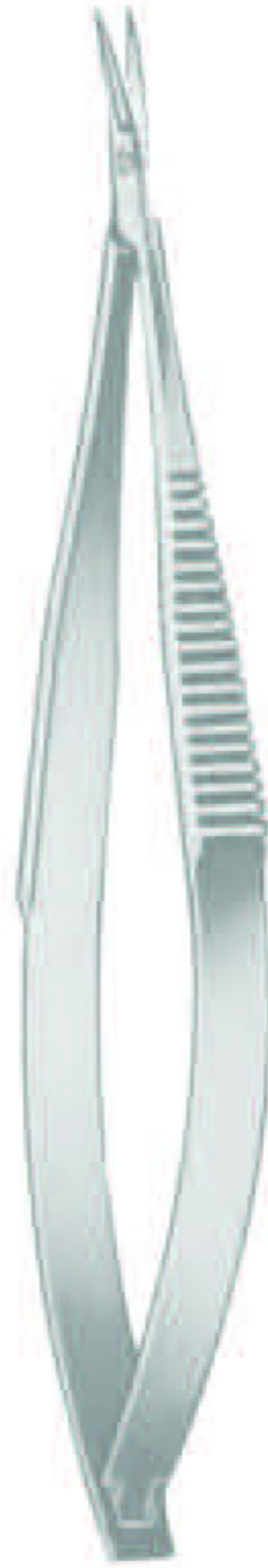
Tijeras iridectomia ES

Ciseaux d'iridectomie FR

Iridectomia Forbici IT



23-6158-10
10 cm/4"



23-6159-10
10 cm/4"



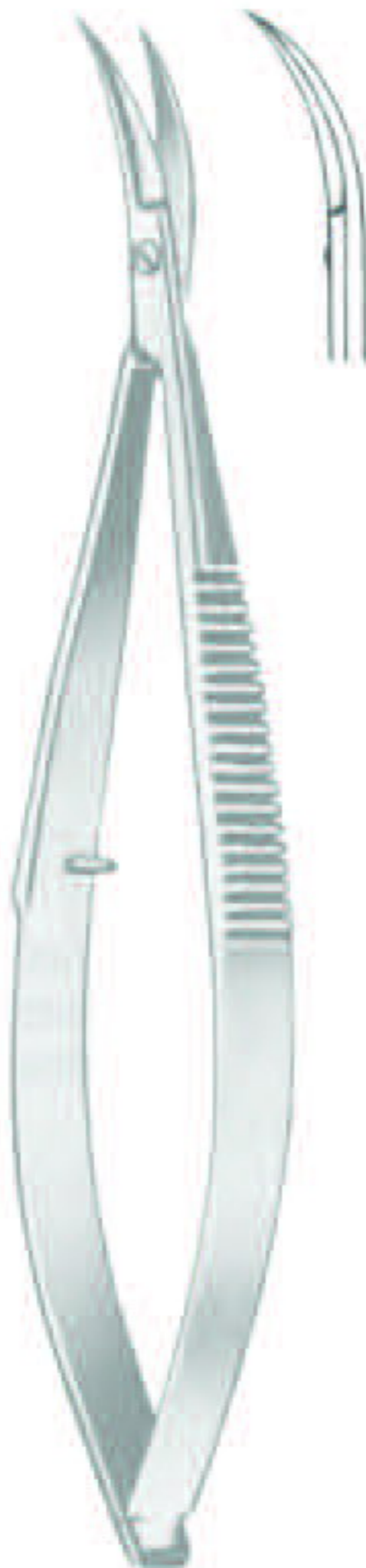
Castroviejo
23-6160-10
10 cm/4"



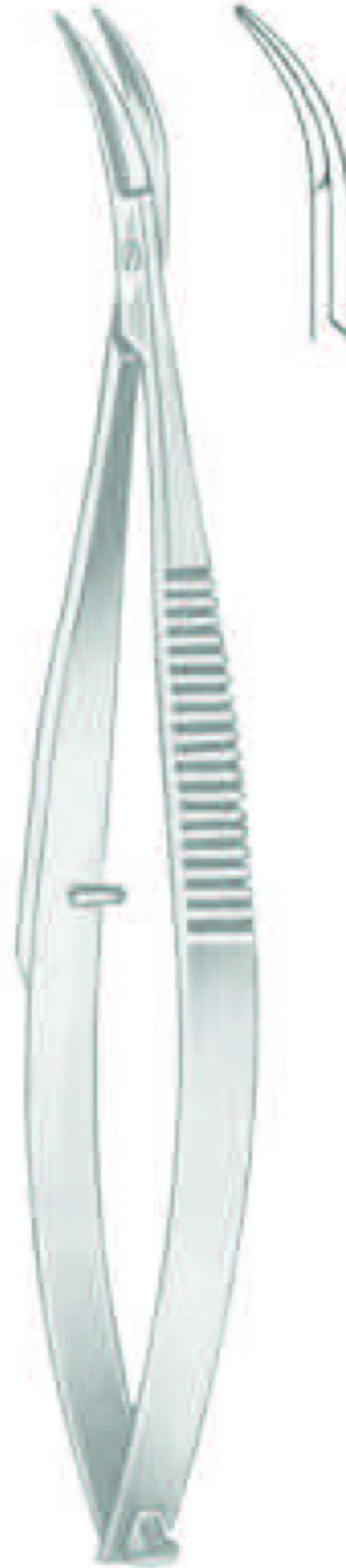
Castroviejo
23-6161-10
10 cm/4"



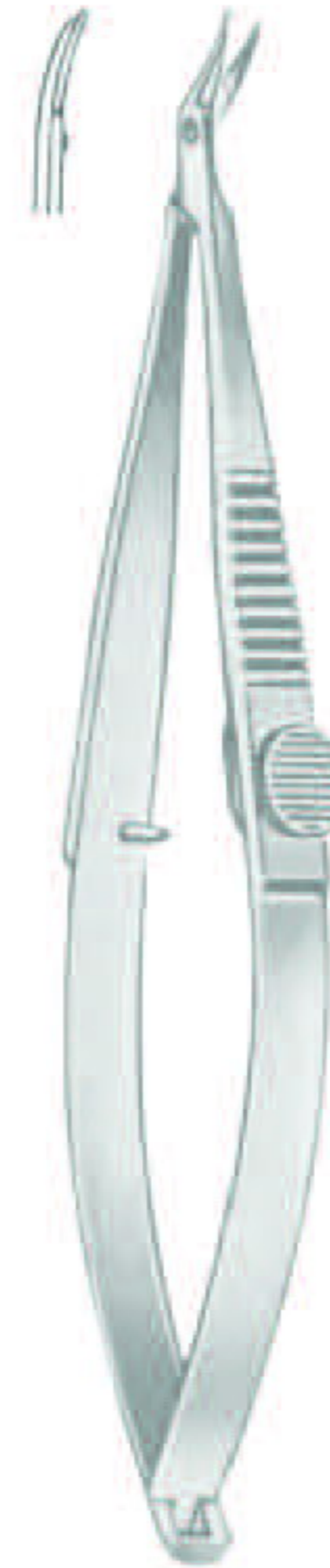
Aebli
23-6162-10
10 cm/4"



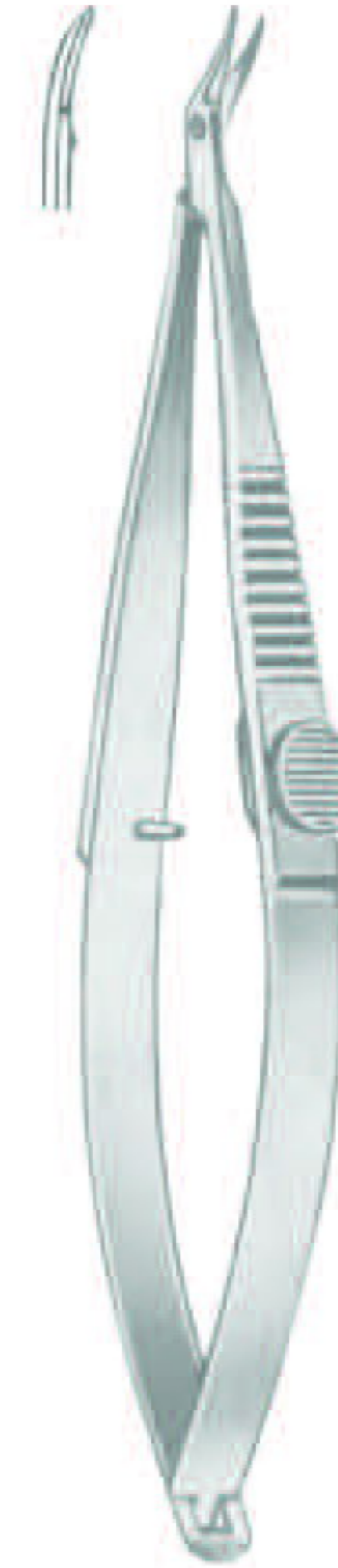
Castroviejo
23-6163-10
10 cm/4"



Castroviejo
23-6164-10
10 cm/4"



Troutman-Barraquer
23-6165-10
10 cm/4"



Troutman-Barraquer
23-6166-10
10 cm/4"

- EN** Gynecology
- DE** Gynäkologie
- ES** Ginecología
- FR** Gynécologie
- IT** Ginecologia

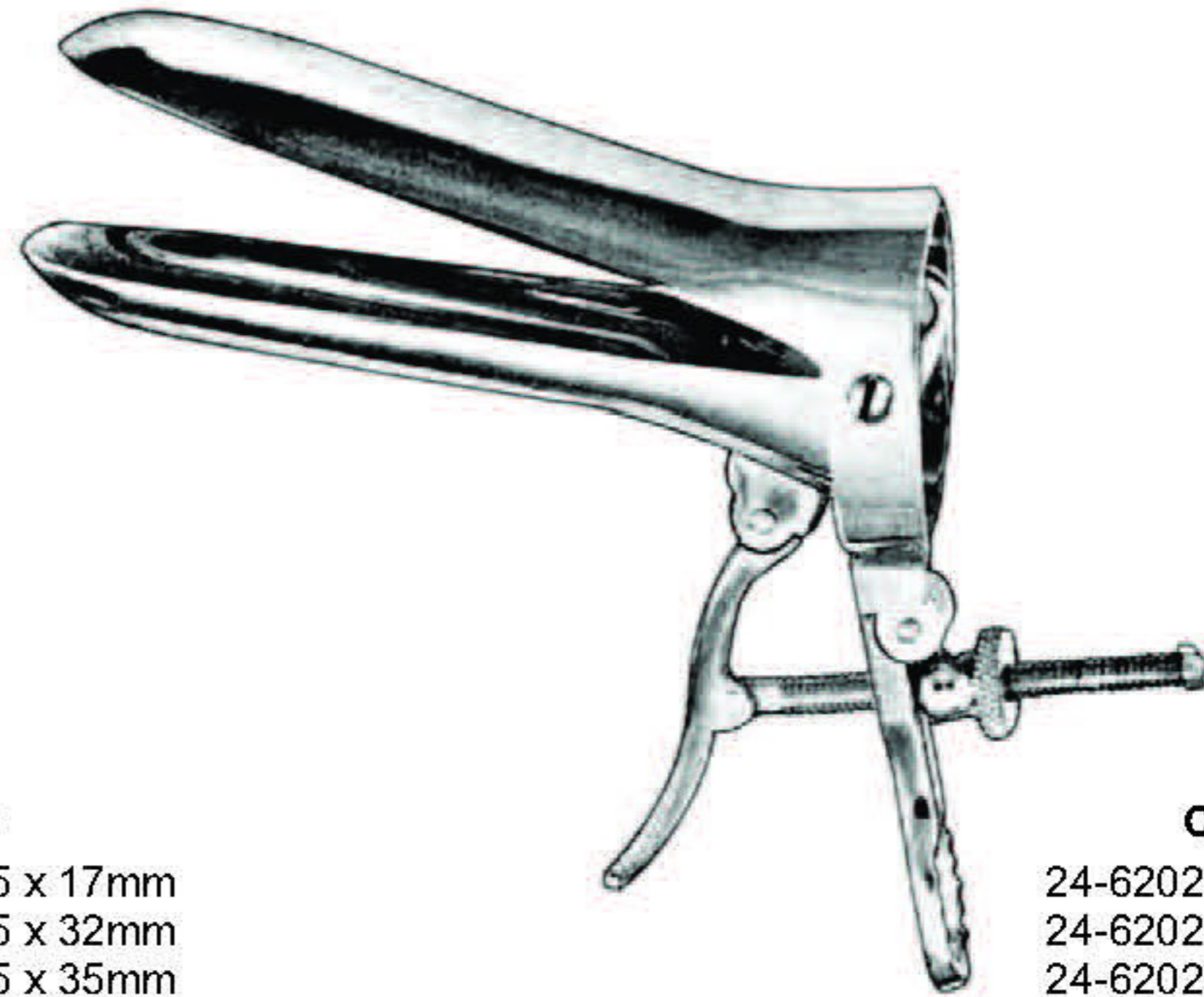
Page 316 to 328



EN	Vaginal Speculas
DE	Scheidenspekula
ES	Espéculos vaginales
FR	Spéculums vaginaux
IT	Specula vaginale

**CUSCO**

24-6201-01	75 x 17mm
24-6201-02	75 x 32mm
24-6201-03	85 x 35mm
24-6201-04	100 x 37mm

**CUSCO**

24-6202-01	75 x 17mm
24-6202-02	75 x 32mm
24-6202-03	80 x 32mm
24-6202-04	85 x 35mm
24-6202-05	110 x 35mm
24-6202-06	115 x 37mm

**CUSCO**

24-6203-01	75 x 32mm
24-6203-02	85 x 35mm
24-6203-03	100 x 35mm
24-6203-04	85 x 35mm (with cold light carrier)
24-6203-05	(cold light carrier only)

**CUSCO**

24-6204-01	75 x 17mm
24-6204-02	85 x 17mm
24-6204-03	100 x 17mm

**CUSCO (Swiss pattern)**

24-6205-01	80 x 22mm
24-6205-02	100 x 25mm
24-6205-03	105 x 27mm
24-6205-04	115 x 27mm

**CUSCO'S**

24-6206-01	(LL)
24-6206-02	(L)
24-6206-03	(M)
24-6206-04	(S)
24-6206-05	(SS)
24-6206-06	(SSS)

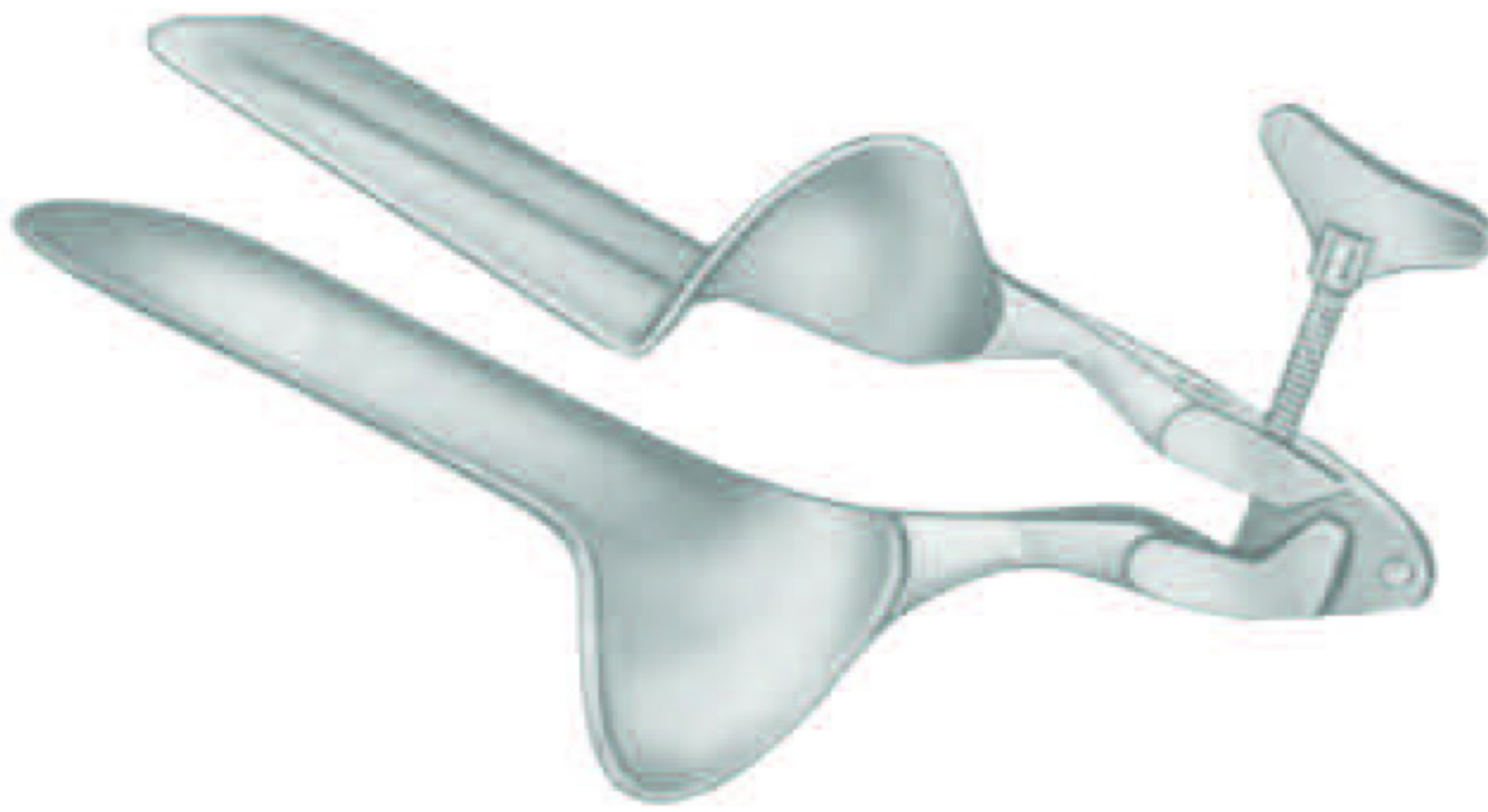


for children

COLLIN
 24-6207-01 55 x 10mm



COLLIN
 24-6207-02 65 x 20mm

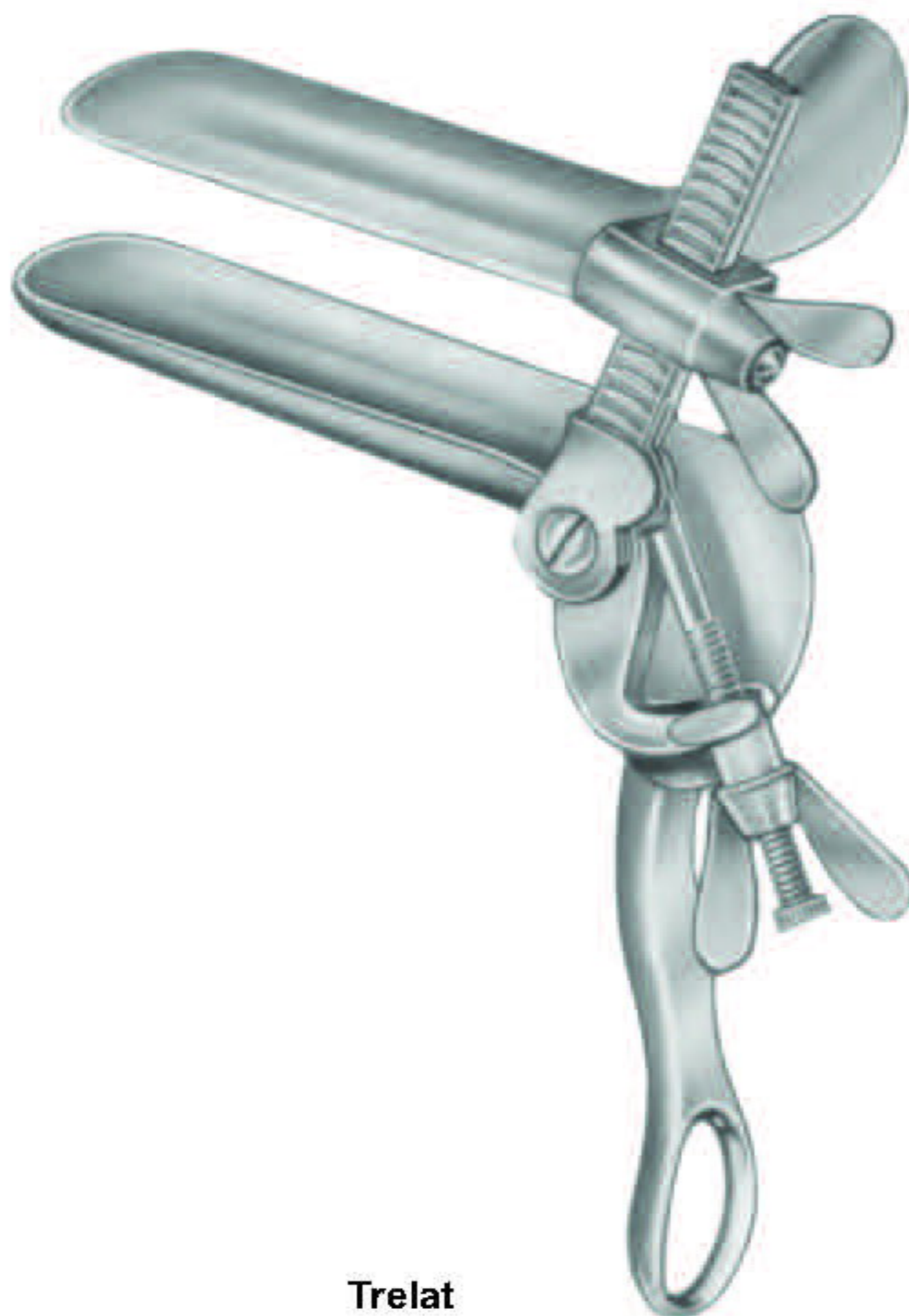


Collin-Landau
 Medium 24-6207-03 35 x 100 mm



Collin

Small	24-6207-12	30 x 85 mm
Medium	24-6207-13	35 x 100 mm
Large	24-6207-14	40 x 110 mm



Trelat

	a	b
	mm	mm
24-6208-01	85	33
24-6208-02	95	35
24-6208-03	115	43



Grave (Standard)

	a	b
	mm	mm
24-6209-01	75	20
24-6209-02	95	35
24-6209-03	115	35
24-6209-04	125	35

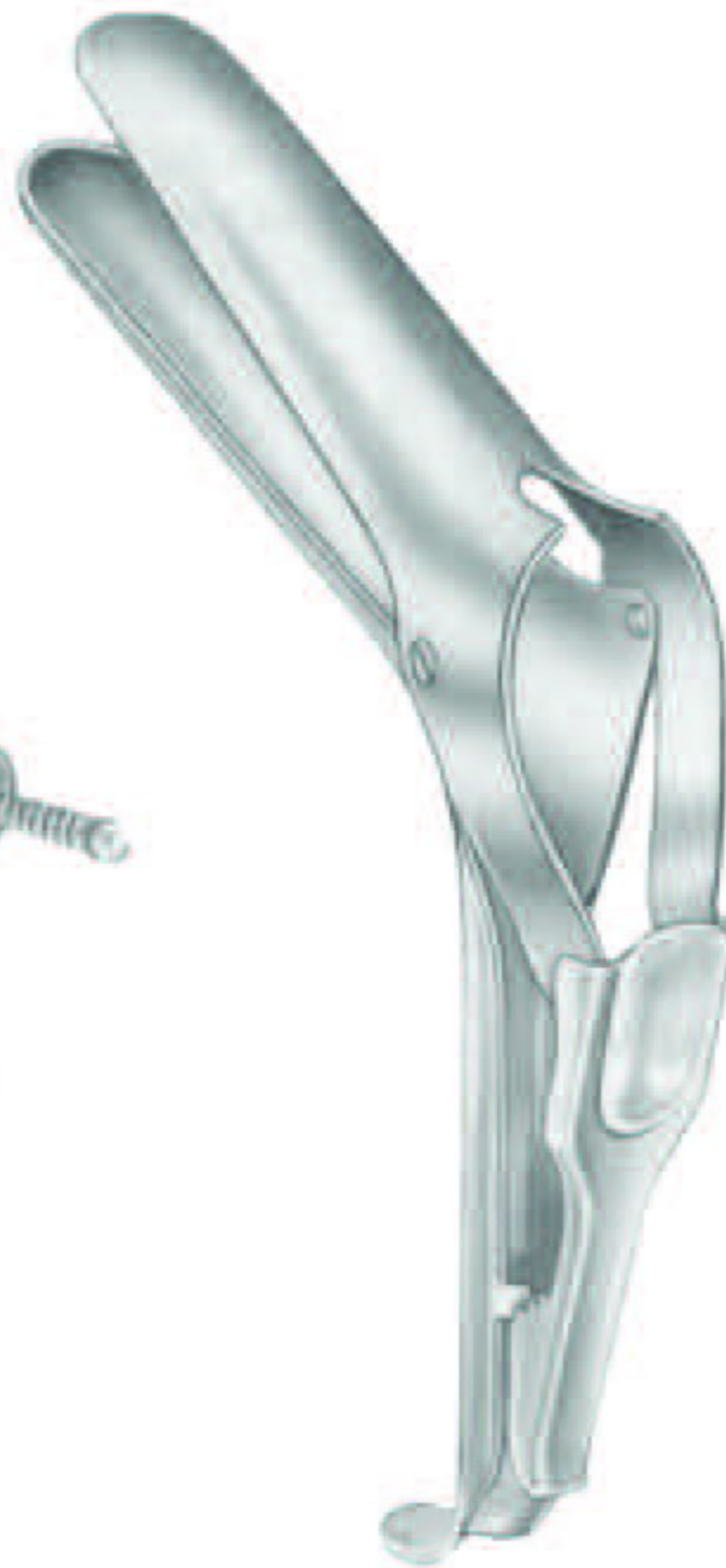
EN	Vaginal Speculas
DE	Scheidenspekula
ES	Espéculos vaginales
FR	Spéculum vaginaux
IT	Specula vaginale

GYNECOLOGY



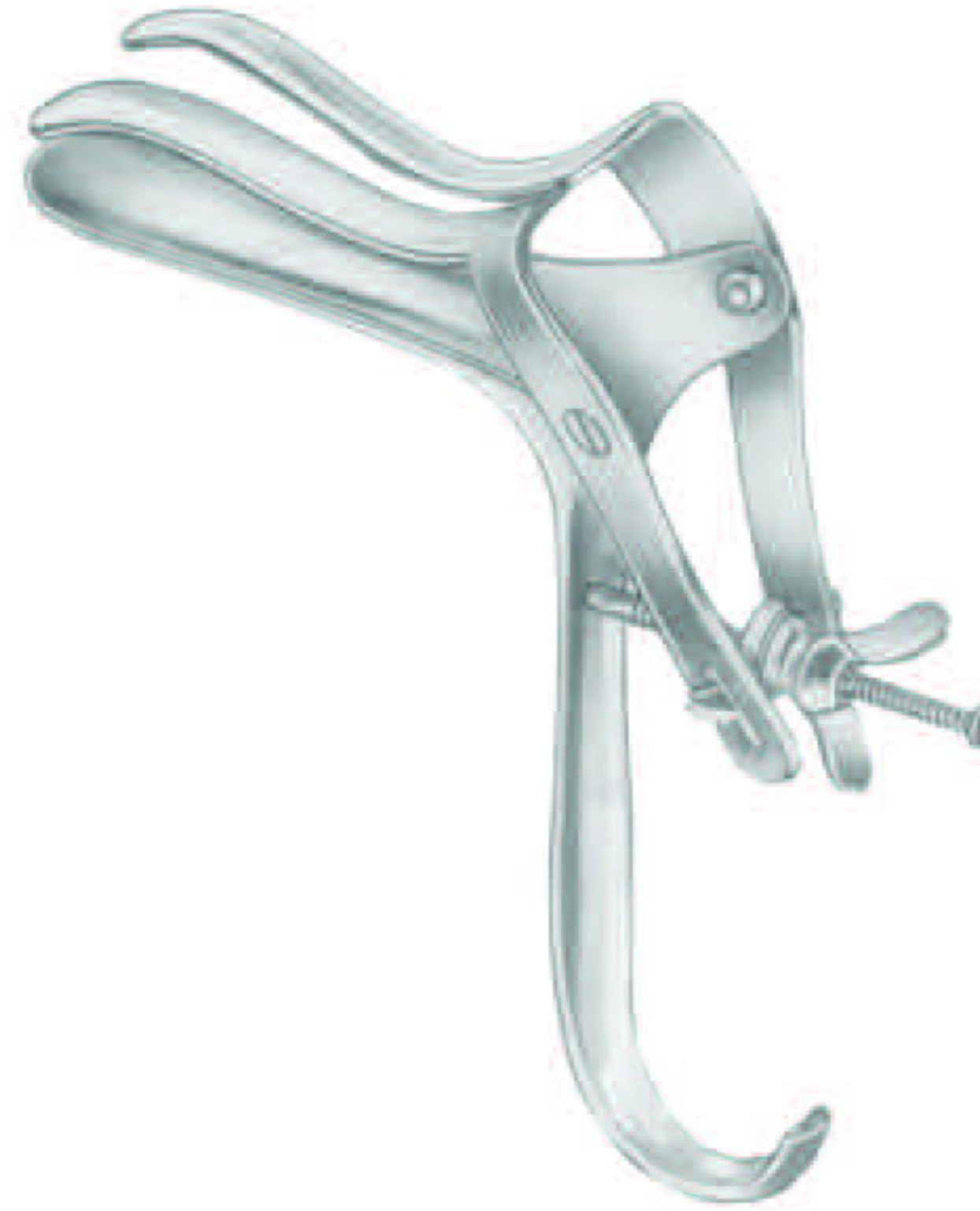
Pederson

	a	b
	mm	mm
24-6214-01	75	13
24-6214-02	100	22
24-6214-03	120	25
24-6214-04	130	25



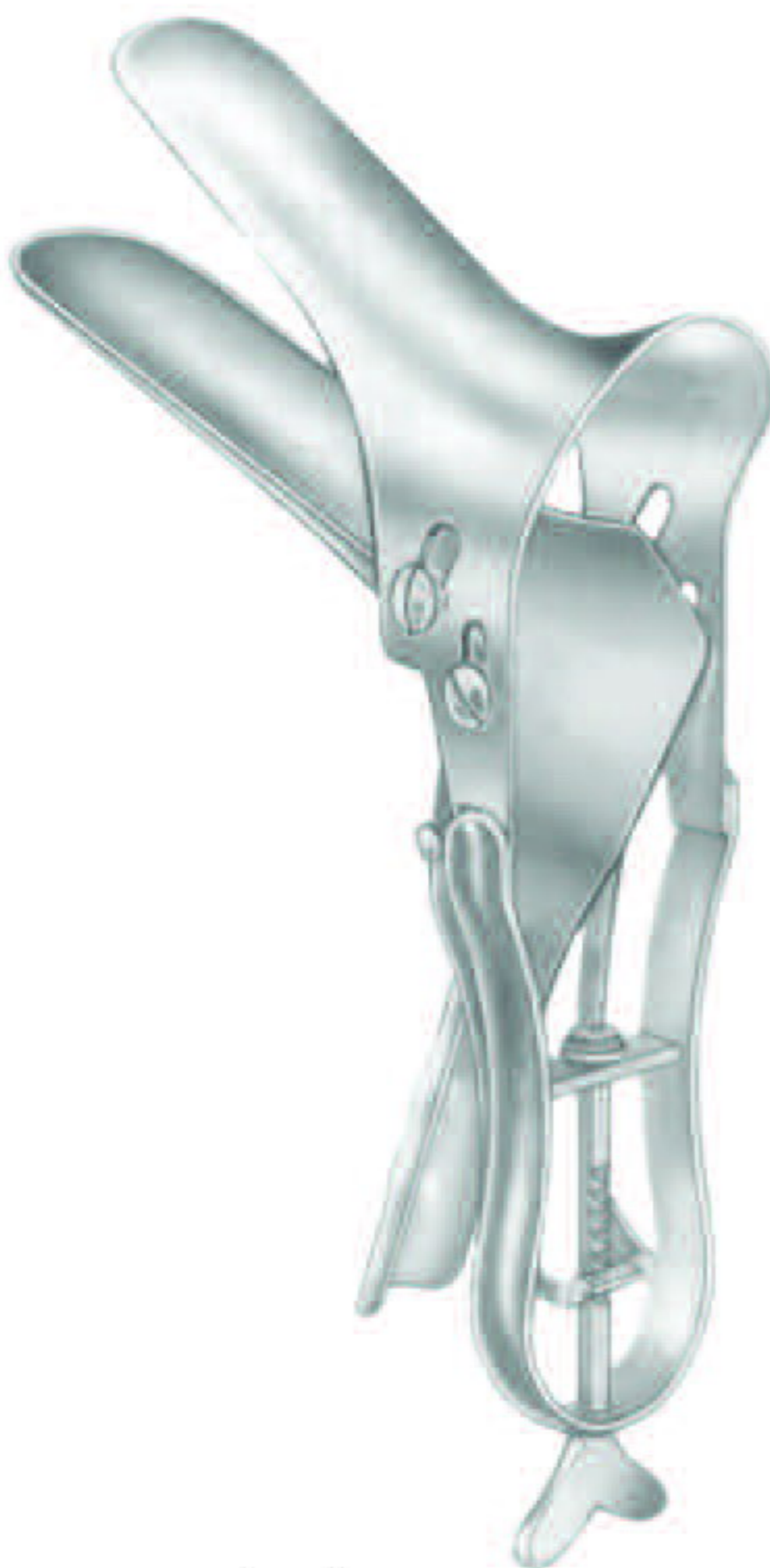
Semm

	a	b
	mm	mm
24-6215-01	90	14/18
24-6215-02	100	17/20
24-6215-03	100	25/30



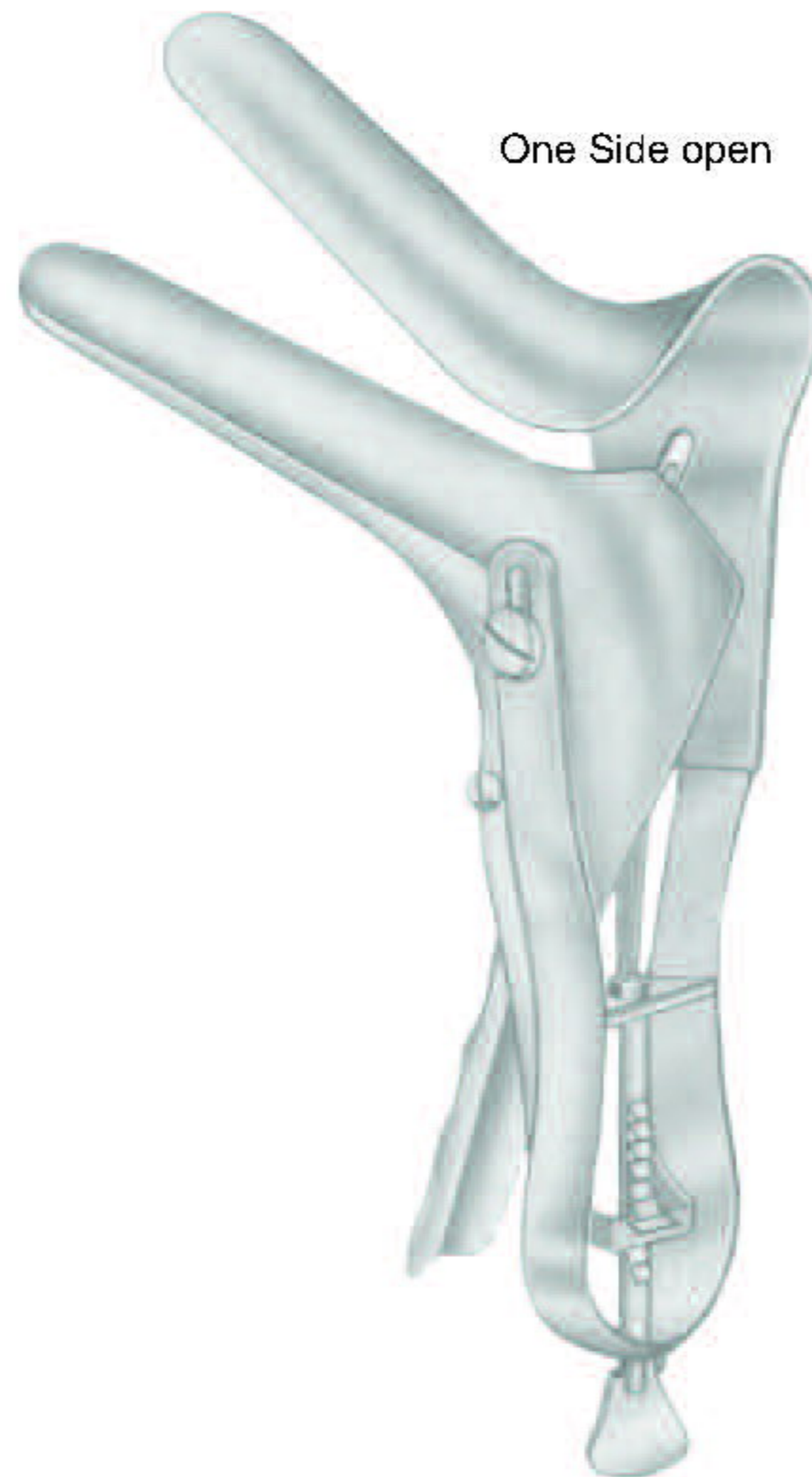
Nott

	a	b
	mm	mm
24-6216-01	90	30
24-6216-02	110	30



Seyffert

	a	b
	mm	mm
24-6217-01	100	17
24-6217-02	110	33



Seyffert

	a	b
	mm	mm
24-6218-00	110	33



SAKURAI'S

24-6218-01	(LL)
24-6218-02	(L)
24-6218-03	(M)
24-6218-04	(S)



Sims (single ended)

24-6219-01	63 x 32 mm
24-6219-02	76 x 32 mm
24-6219-03	89 x 38 mm



Sims (double ended)

24-6220-01	65 x 25 mm (70 x 30 mm)
24-6220-02	70 x 35 mm (70 x 35 mm)
24-6220-03	85 x 35 mm (90 x 40 mm)
24-6220-04	100 x 35 mm x 40 mm
24-6220-05	120 x 35 mm x 40 mm



SIMS

24-6220-11	60 x 25mm
24-6220-12	70 x 30mm
24-6220-13	80 x 35mm



Jackson

	Fig.	a mm	b mm
24-6221-01	1	75 X 35	
24-6221-02	2	90 X 35	
24-6221-03	3	100 X 35	
24-6221-04	4	75 X 40	
24-6221-05	5	90 x 40	
24-6221-06	6	100 x 40	



Eastman

	Fig.	a mm	b mm
24-6222-01	1	75 X 35	
24-6222-02	2	90 X 35	
24-6222-03	3	100 X 35	
24-6222-04	4	75 X 40	
24-6222-05	5	90 x 40	
24-6222-06	6	100 x 40	



For children

Set

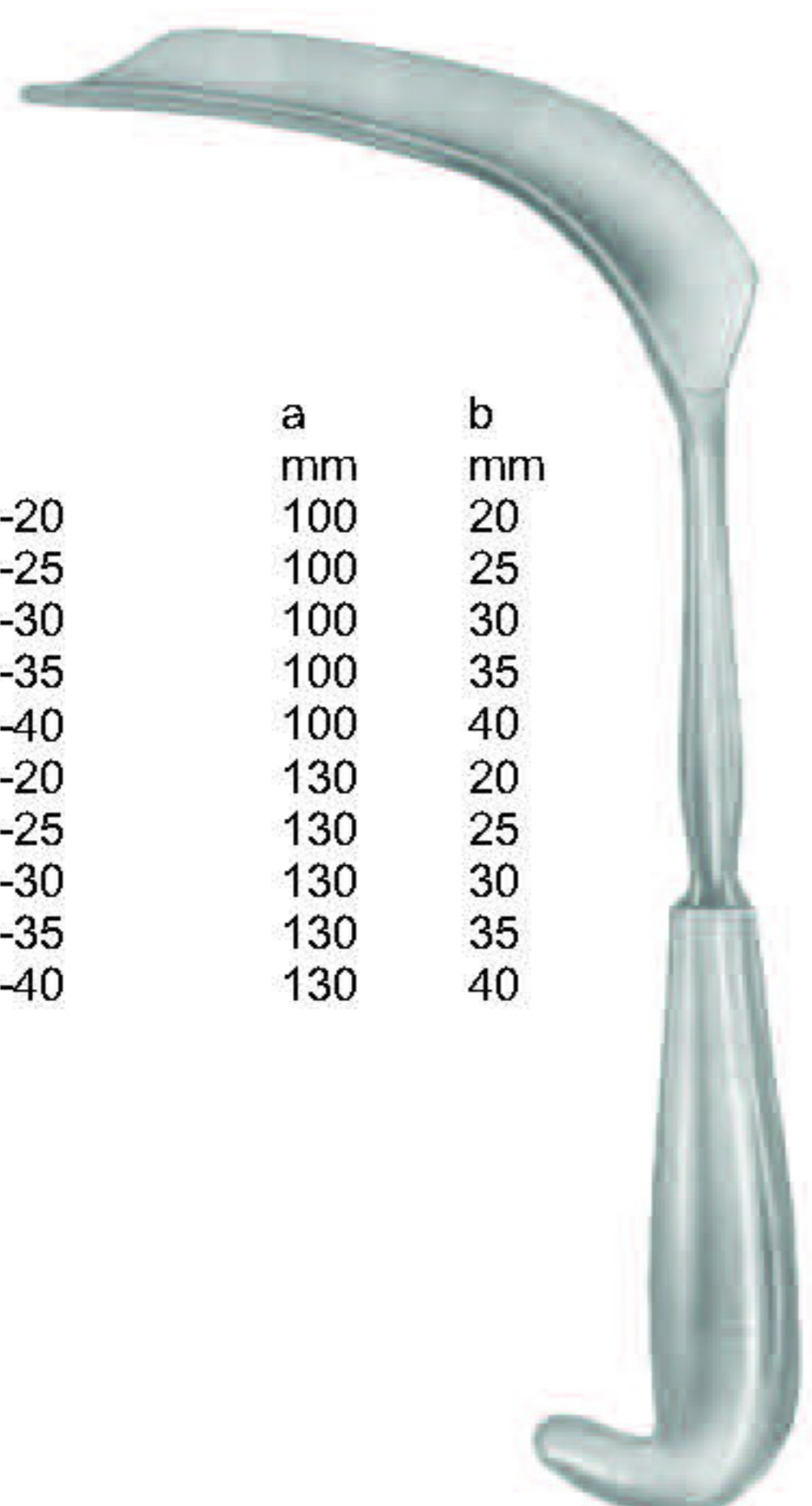
Kristeller

24-6223-00	70x15 mm
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EN	Vaginal Speculas and Retractors
DE	Scheidenspekula und -halter
ES	Espéculos y Valvas vaginales
FR	Spéculum vaginaux et rétracteurs
IT	Speculum e divaricatori vaginali

GYNECOLOGY

	a mm	b mm
24-6257-20	100	20
24-6257-25	100	25
24-6257-30	100	30
24-6257-35	100	35
24-6257-40	100	40
24-6258-20	130	20
24-6258-25	130	25
24-6258-30	130	30
24-6258-35	130	35
24-6258-40	130	40



Matzenauer



Braun
24-6259-18
18 cm/7"
56x13 mm



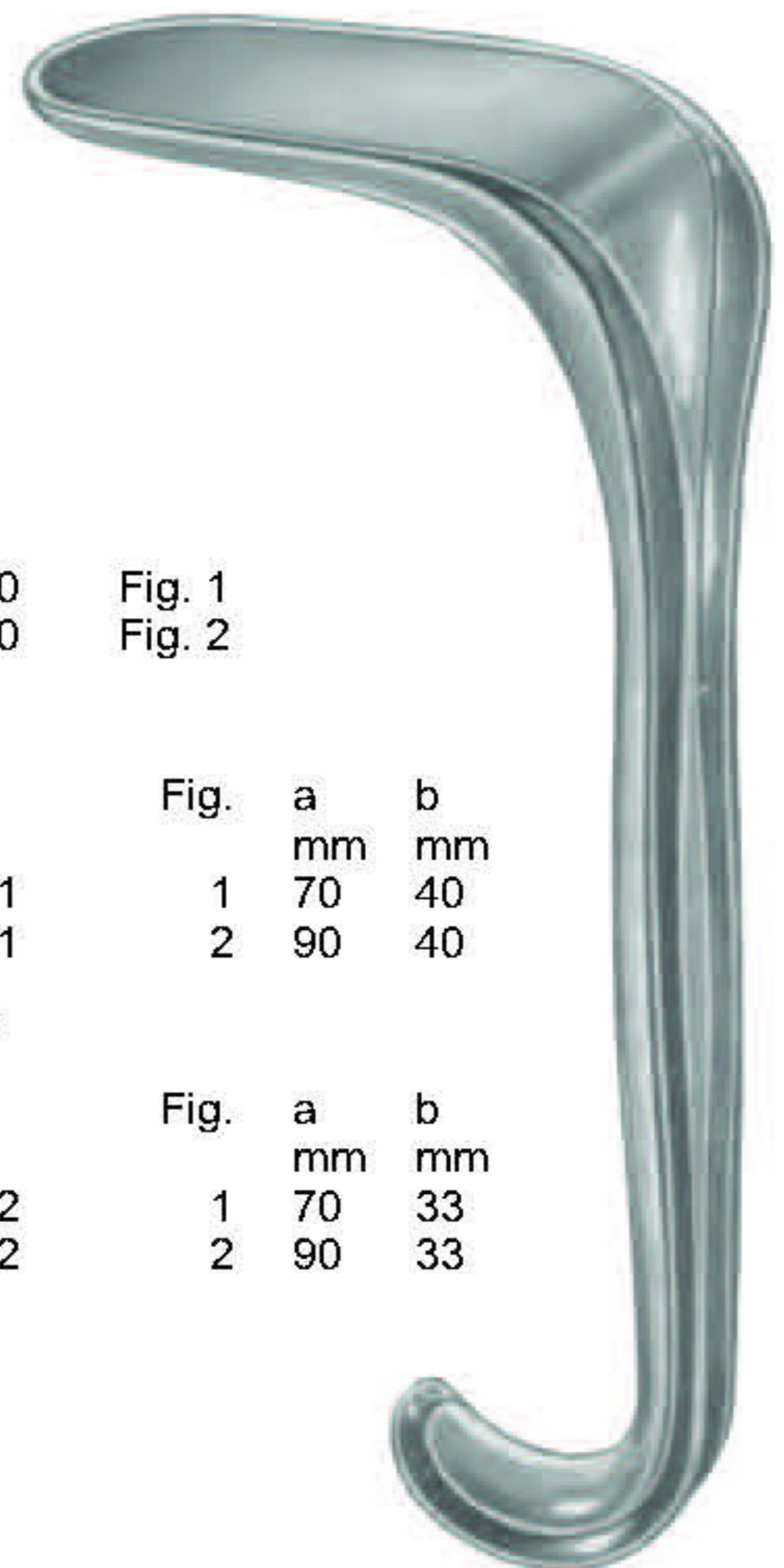
Braun
24-6260-18
18 cm/7"
60x10 mm



Ulrich
24-6261-19
19.5 cm/7½"
80x20 mm



24-6262-19
19 cm/7½"
85x17 mm



Kallmorgen

Set		
24-6263-00	Fig. 1	
24-6264-00	Fig. 2	
Specula		
Fig.	a mm	b mm
24-6265-01	1	70
24-6266-01	2	90
Retractors		
Fig.	a mm	b mm
24-6267-02	1	70
24-6268-02	2	90



AUVARD

24-6282-01 80 x 38mm 2 lbs
 24-6282-02 80 x 38mm 2.5 lbs
 24-6282-03 80 x 38mm 3 lbs



AUVARD

24-6282-00
 68 x 40mm 3 lbs



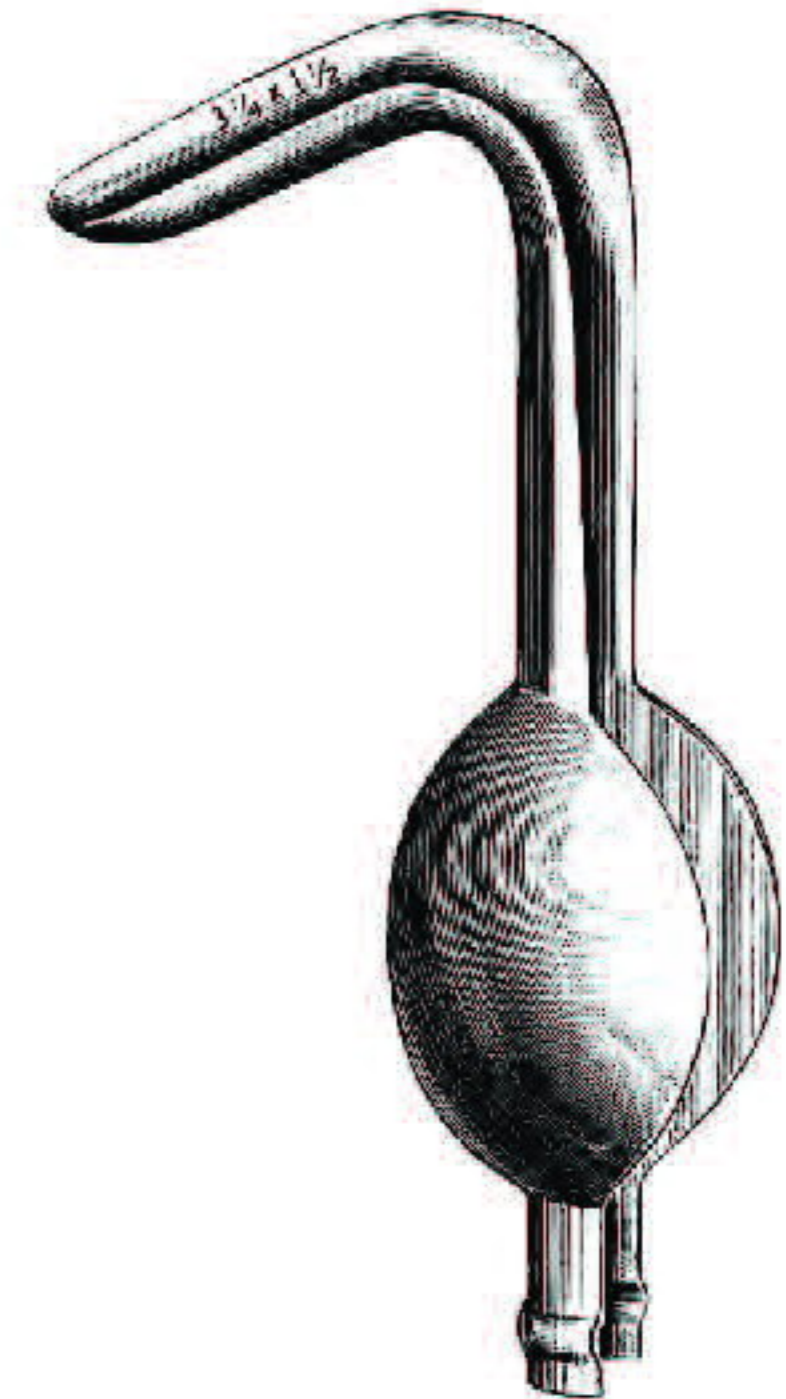
AUVARD

24-6282-04 2.5 lbs
 24-6282-05 3 lbs



Steiner-Auvard

24-6283-01 140 x 35mm 2.5 lbs
 24-6283-02 140 x 35mm 2.5 lbs
 laser pattern



Henrotin

24-6283-03 80 x 35mm 3 lbs
 30° blade angled down



Landau

	a	b
	mm	mm
24-6284-01	105	28
24-6284-02	105	38



Dunkel

24-6284-22

95 x 45 cm



Breisky

	a	b
	mm	mm
24-6285-20	100	20
24-6285-25	100	25
24-6285-30	100	30
24-6285-35	100	35
24-6285-40	100	40
24-6286-20	130	20
24-6286-25	130	25
24-6286-30	130	30
24-6286-35	130	35
24-6286-40	130	40
24-6287-20	160	20
24-6287-25	160	25
24-6287-30	160	30
24-6287-35	160	35
24-6287-40	160	40
24-6288-20	180	20
24-6288-25	180	25
24-6288-30	180	30
24-6288-35	180	35
24-6288-40	180	40
24-6288-50	155	40



Berlind-Auvard

24-6283-04
 105 x 40mm 2.5 lbs

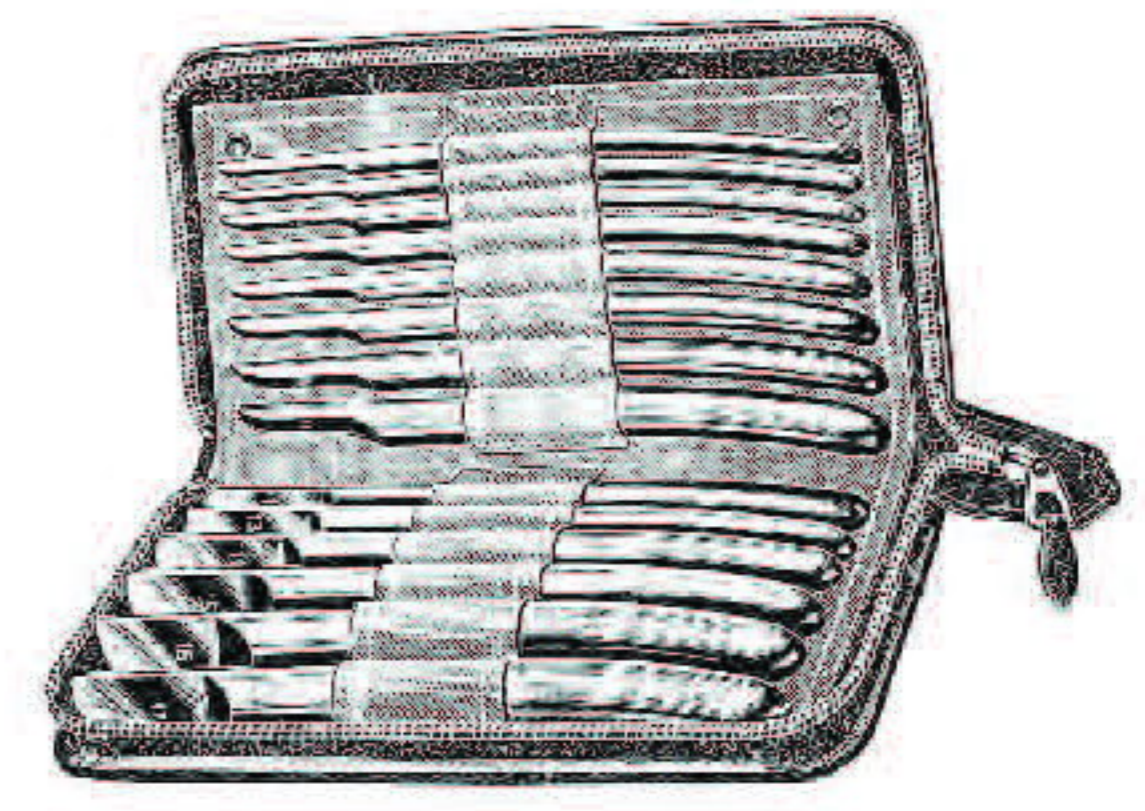
EN	Uterine Dilators
DE	Uterus-Dilatatoren
ES	Dilatadores uterinos
FR	Dilatateurs utérins
IT	Dilatatori uterini

GYNECOLOGY



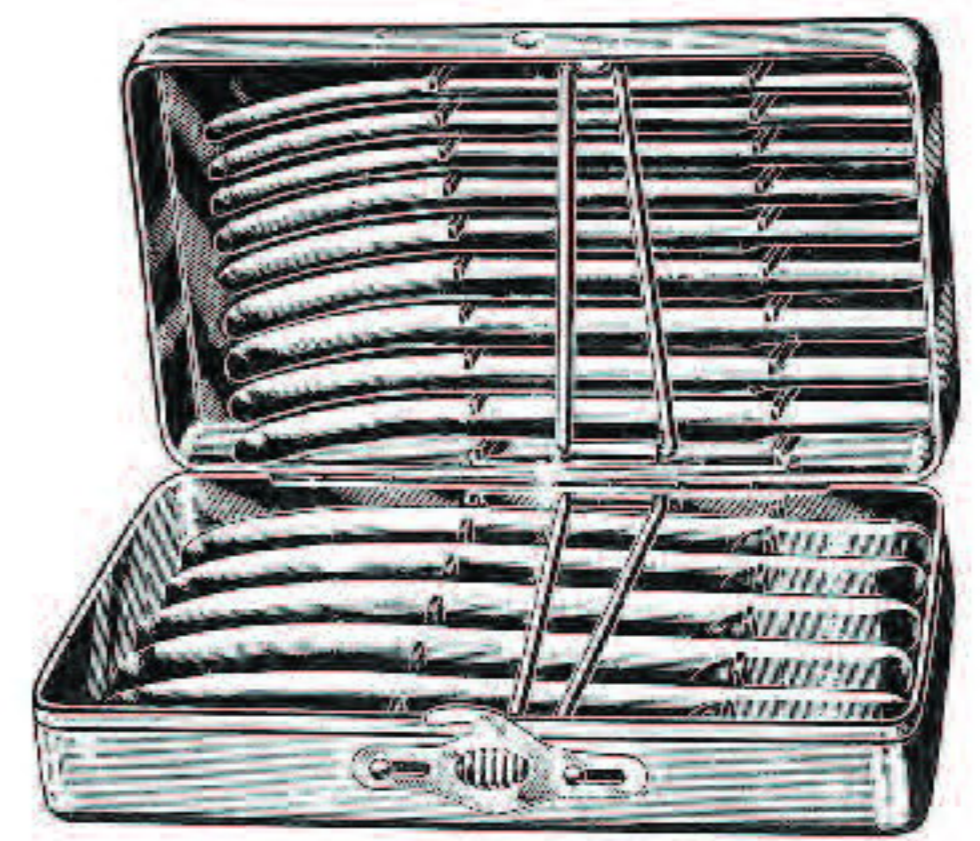
Hegar
single ended
18.5 cm long

mm.Ø			mm dia.
1.0	24-6296-01	24-6296-51	1.5
2.0	24-6296-02	24-6296-52	2.5
3.0	24-6296-03	24-6296-53	3.5
4.0	24-6296-04	24-6296-54	4.5
5.0	24-6296-05	24-6296-55	5.5
6.0	24-6296-06	24-6296-56	6.5
7.0	24-6296-07	24-6296-57	7.5
8.0	24-6296-08	24-6296-58	8.5
9.0	24-6296-09	24-6296-59	9.5
10.0	24-6296-10	24-6296-60	10.5
11.0	24-6296-11	24-6296-61	11.5
12.0	24-6296-12	24-6296-62	12.5
13.0	24-6296-13	24-6296-63	13.5
14.0	24-6296-14	24-6296-64	14.5
15.0	24-6296-15	24-6296-65	15.5
16.0	24-6296-16	24-6296-66	16.5
17.0	24-6296-17	24-6296-67	17.5
18.0	24-6296-18	24-6296-68	18.5
19.0	24-6296-19	24-6296-69	19.5
20.0	24-6296-20	24-6296-70	20.5
21.0	24-6296-21	24-6296-71	21.5
22.0	24-6296-22	24-6296-72	22.5
23.0	24-6296-23	24-6296-73	23.5
24.0	24-6296-24	24-6296-74	24.5
25.0	24-6296-25	24-6296-75	25.5
26.0	24-6296-26	24-6296-76	26.5
27.0	24-6296-27	24-6296-77	27.5
28.0	24-6296-28	24-6296-78	28.5
29.0	24-6296-29	24-6296-79	29.5
30.0	24-6296-30	24-6296-80	30.5



Pieces per set

24-6297-10	14	4 -17 mm
24-6297-20	26	1 - 26 mm
24-6297-30	30	1 - 30 mm



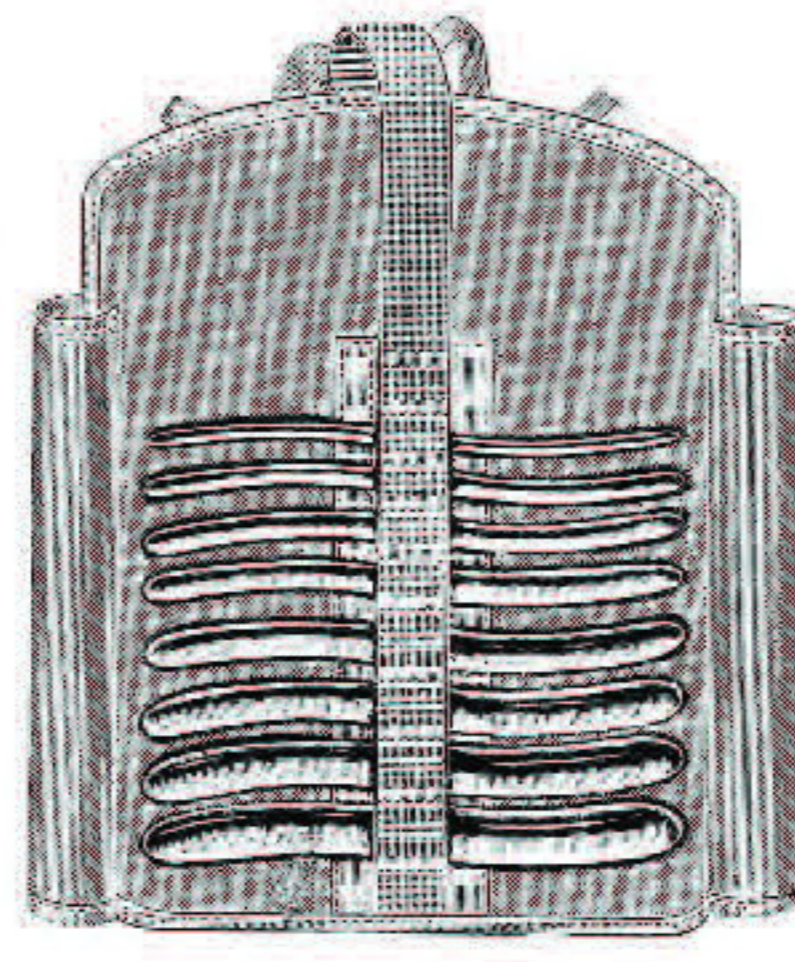
Pieces per set

24-6298-40	14	4 -17 mm
24-6298-50	26	1 - 26 mm
24-6298-60	30	1 - 30 mm



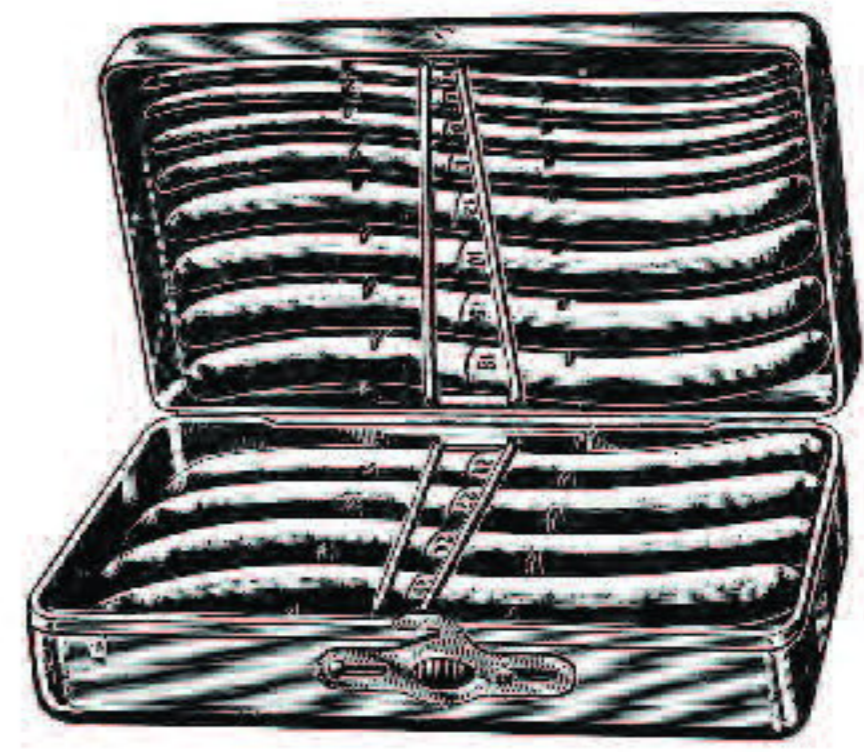
Hegar
double ended
20 cm long

Ø mm	
1/2	24-6299-02
3/4	24-6299-04
5/6	24-6299-06
7/8	24-6299-08
9/10	24-6299-10
11/12	24-6299-12
13/14	24-6299-14
15/16	24-6299-16
17/18	24-6299-18
19/20	24-6299-20
21/22	24-6299-22
23/24	24-6299-24
25/26	24-6299-26



Pieces per set set

24-6300-00	08	3/4 - 17/18 mm	24-6300-30
24-6300-01	13	1/2 - 25/26 mm	24-6300-31



Uterine Dilators EN

Uterus-Dilatatoren DE

Dilatadores uterinos ES

Dilatateurs utérins FR

Dilatatori uterini IT

24

GYNECOLOGY



mm	
3/6	24-6302-03
4/7	24-6302-04
5/8	24-6302-05
6/9	24-6302-06
7/10	24-6302-07
8/11	24-6302-08
9/12	24-6302-09
10/13	24-6302-10
11/14	24-6302-11
12/15	24-6302-12
13/16	24-6302-13
14/17	24-6302-14
15/18	24-6302-15
16/19	24-6302-16
17/20	24-6302-17
18/21	24-6302-18

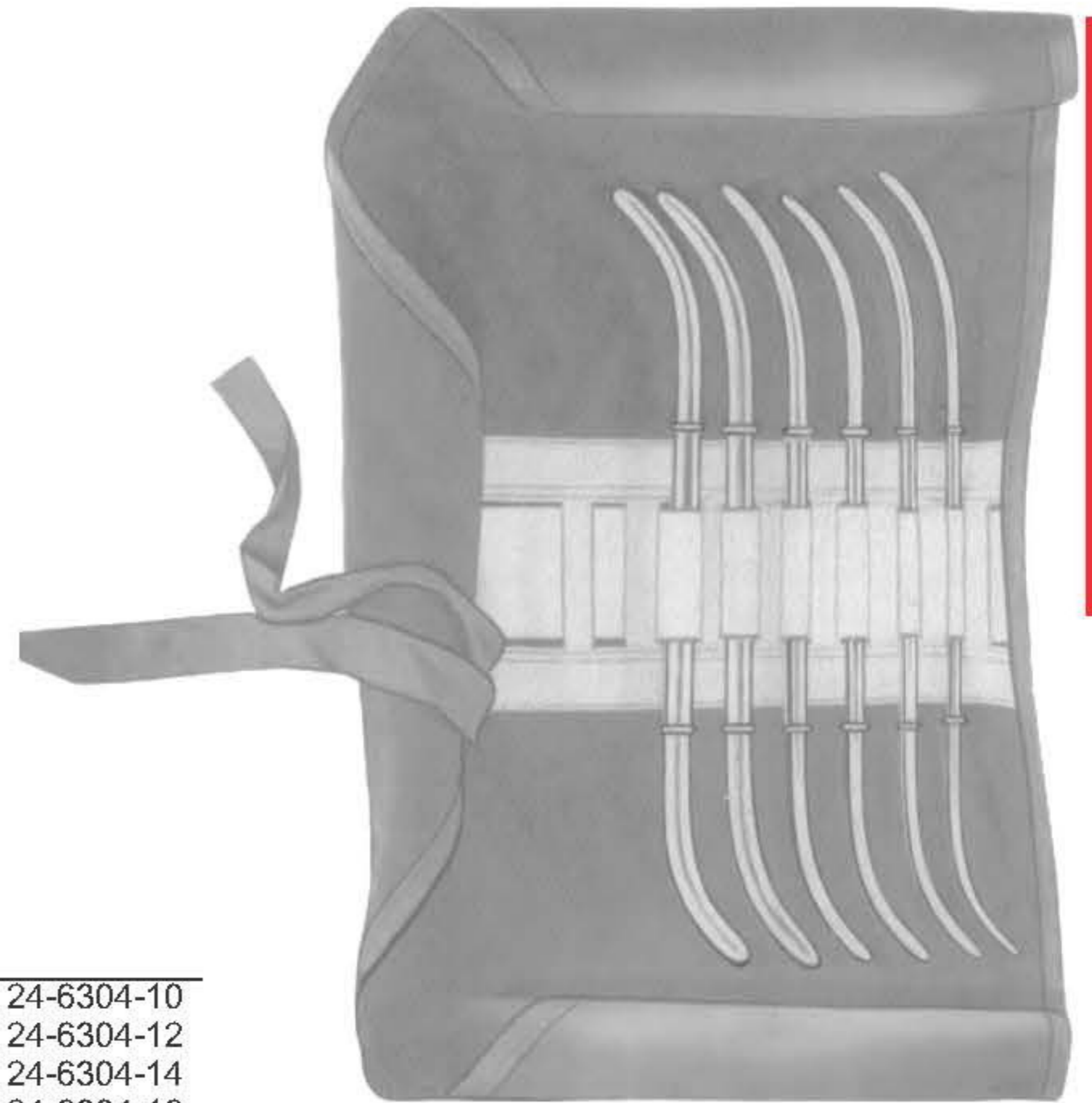
Hawkin Ambler

24-6301-12 Set of 12 3/6 - 14/17
 24-6301-16 Set of 16 3/6 - 18/21
 17 cm long



Hank
 24-6303-30

mm	
9/10	24-6304-10
11/12	24-6304-12
13/14	24-6304-14
15/16	24-6304-16
17/18	24-6304-18
19/20	24-6304-20

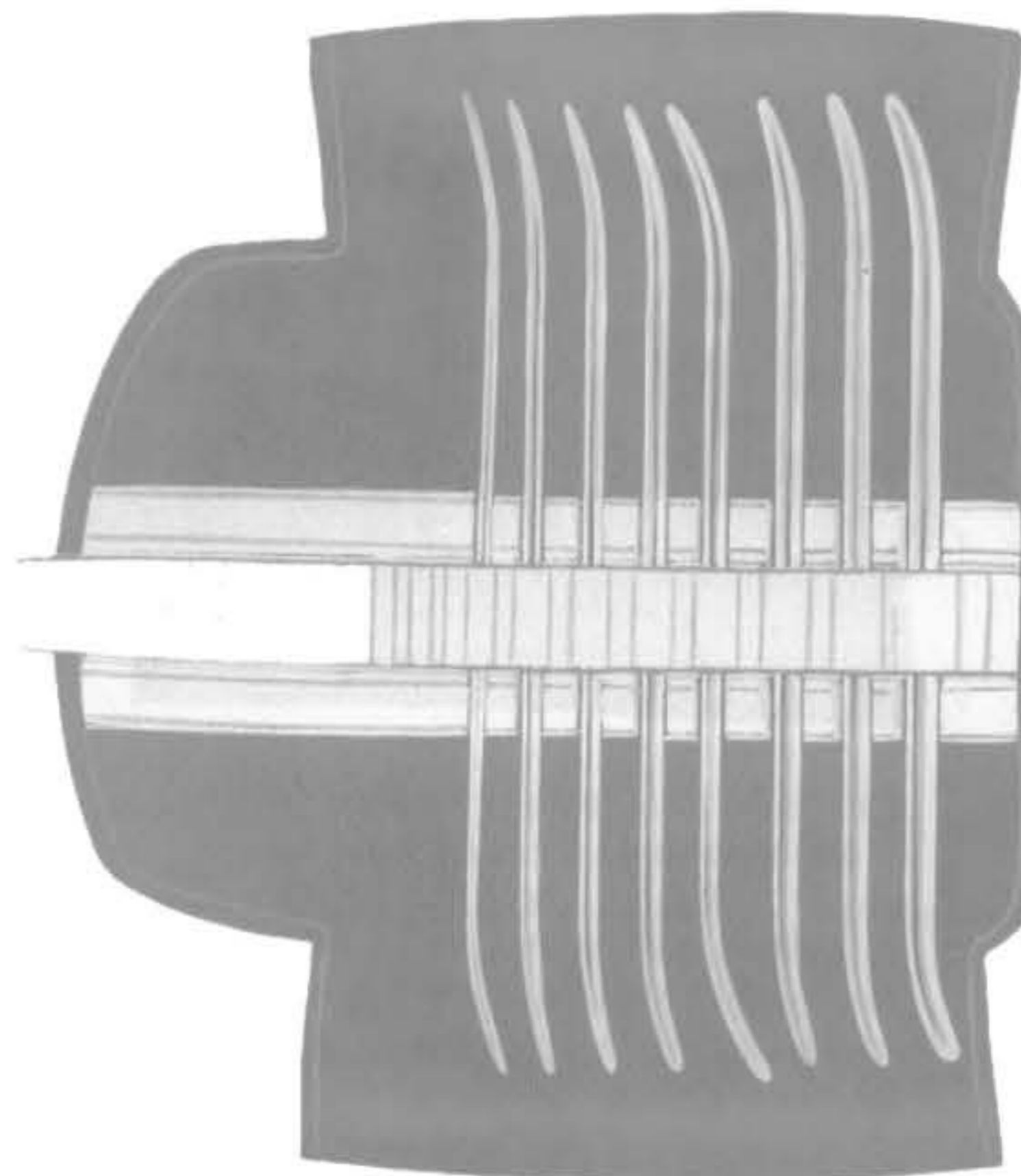


Set
 24-6305-00
 double ended
 27 cm



mm	
13/15	24-6306-15
17/19	24-6306-19
21/23	24-6306-23
25/27	24-6306-27
29/31	24-6306-31
33/35	24-6306-35
37/39	24-6306-39
41/43	24-6306-43

Pratt



Set
 24-6306-00
 double ended
 29 cm



Jolly

24-6307-00 set of 5
 24-6307-01 3-7 mm dia
 24-6307-02 5-9 mm dia
 24-6307-03 7-12 mm dia
 24-6307-04 9-15 mm dia
 24-6307-05 12-18 mm dia

GYNECOLOGY



Ayre
 24-6328-23
 23 cm/9"



Simon
 24-6329-22
 22 cm/8¾"



Simon
 24-6330-22
 22 cm/8¾"



Emmet
 22 cm/8¾"



24-6331-01



24-6331-02



24-6331-03



24-6331-04



24-6331-05



24-6332-24
 24.0cm



Doyen
 24-6332-17 T-Handle
 24-6332-18 Loop-Handle
 17 cm/6¾"



Doyen
 24-6333-17 T-Handle
 24-6333-18 Loop-Handle
 17 cm/6¾"



Segond
 24-6334-27
 27 cm/10½"

Suction Biopsy Curettes	EN
Saug- und Biopsieküretten	DE
Curetas aspiradoras para biopsia	ES
Curettes de biopsie d'aspiration	FR
Curette per biopsia di aspirazione	IT



Kevorkian
24-6340-30
30 cm/12"

malleable
24-6341-30
30 cm/12"



Kevorkian
24-6342-30
30 cm/12"

malleable
24-6343-30
30 cm/12"



Townsend
24-6344-30
31 cm/12¼"

malleable
24-6345-30
31 cm/12¼"



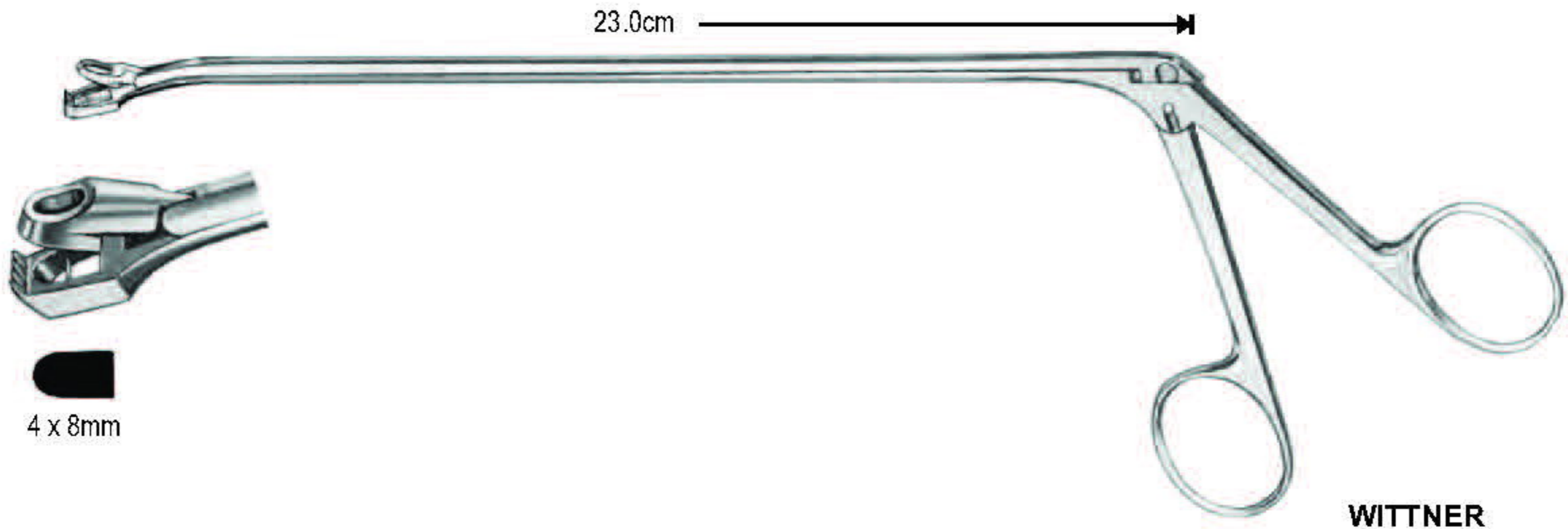
Duncan
24-6346-31
31 cm/12¼"



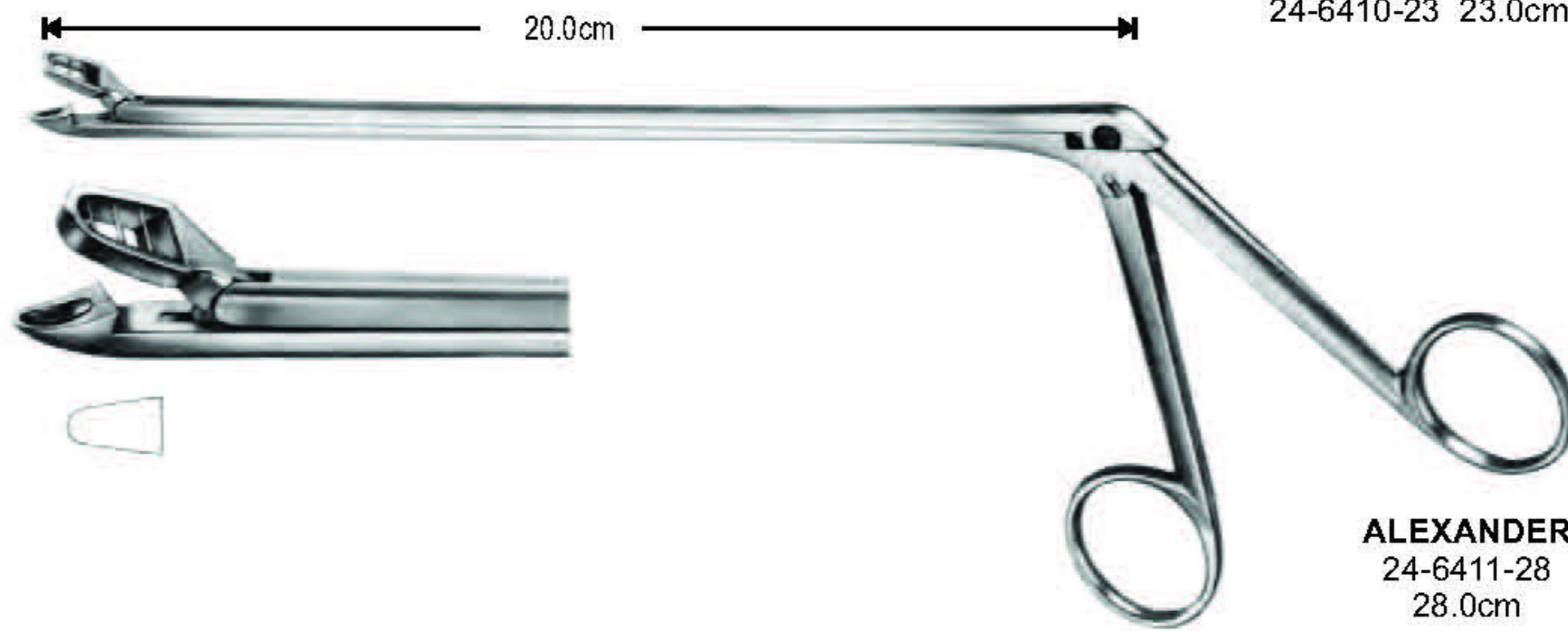
Duncan
24-6347-31
31 cm/12¼"

- EN Cervical Biopsy and Specimen Forceps
- DE Probeexzisionszangen
- ES Pinzas saca-bocados para biopsia
- FR Biopsie cervicale et forceps de spécimen
- IT Pinza per biopsia cervicale e campione

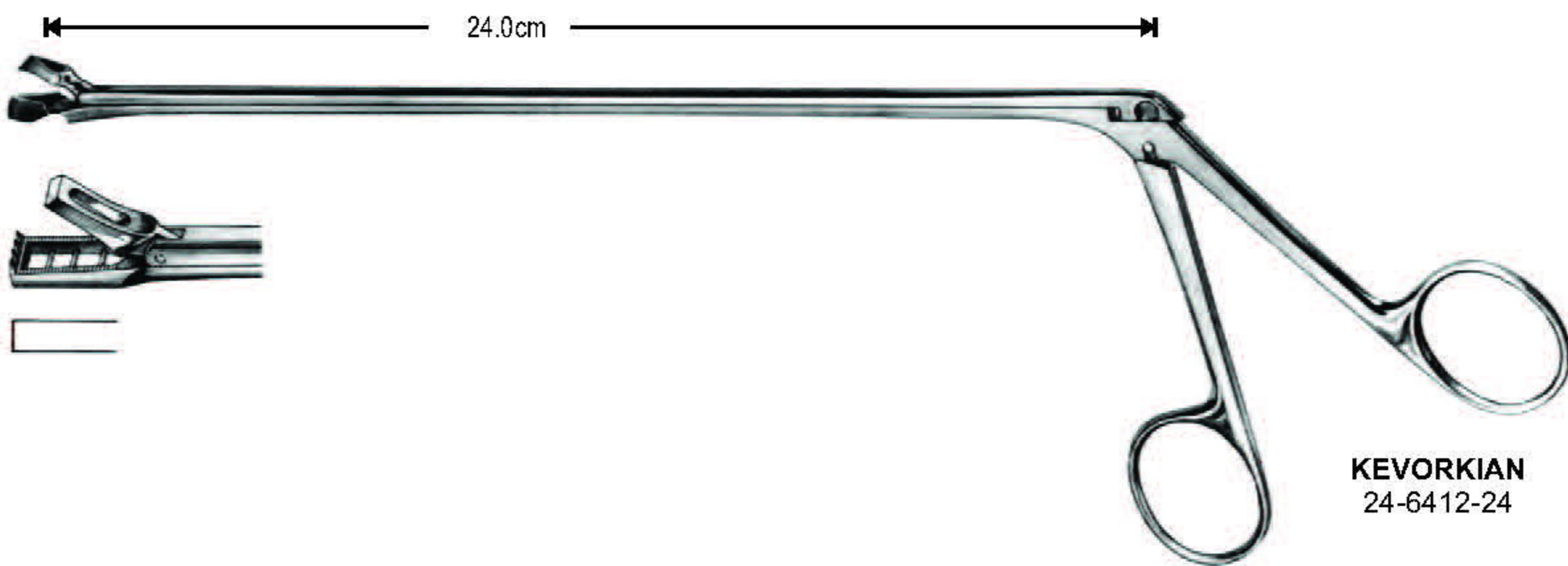
GYNECOLOGY



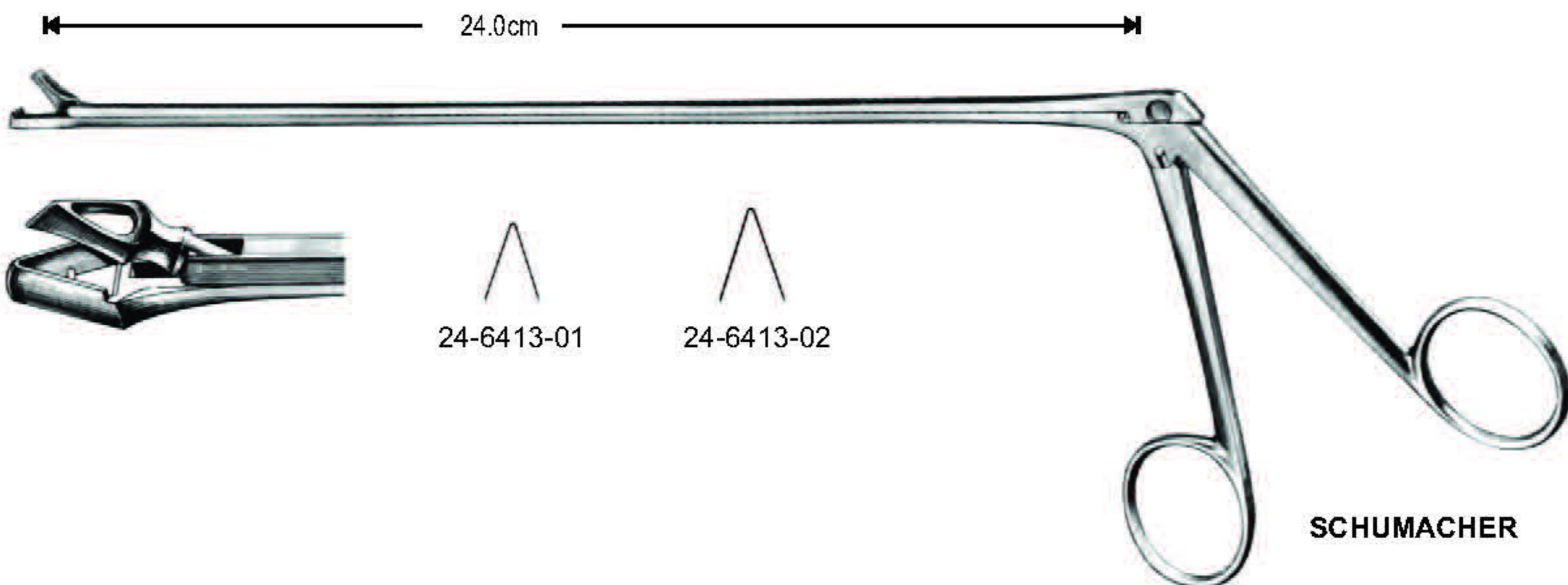
WITTNER
 24-6409-23 23.0cm (straight)
 24-6410-23 23.0cm (angled)



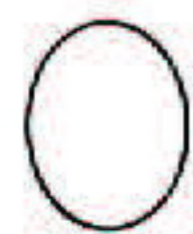
ALEXANDER
 24-6411-28
 28.0cm



KEVORKIAN
 24-6412-24



SCHUMACHER



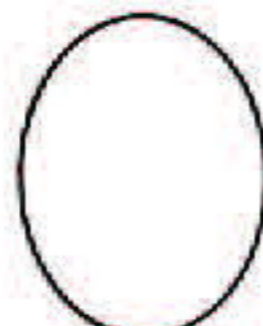
24-6422-01



24-6422-02



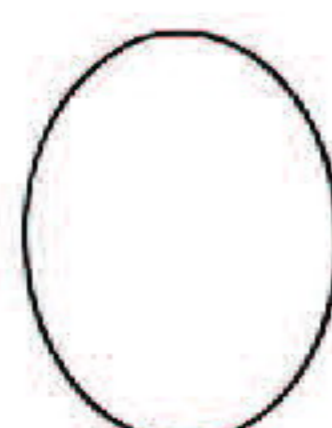
24-6422-03



24-6422-04



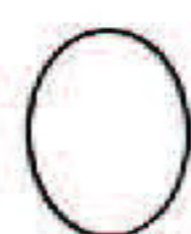
24-6422-05



24-6422-06



SIMON
 25.0cm, sharp, rigid



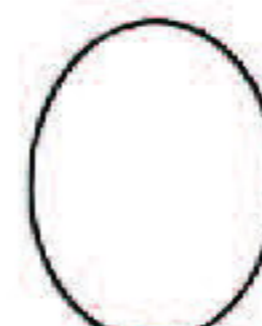
24-6423-01



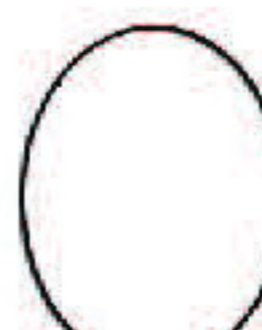
24-6423-02



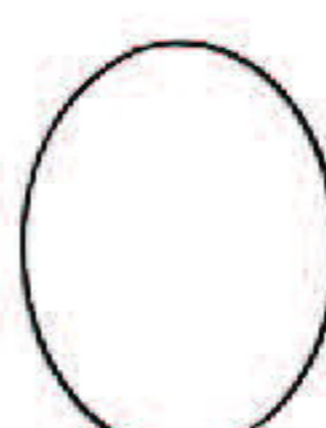
24-6423-03



24-6423-04



24-6423-05



24-6423-06



SCHROEDER
 30.0cm, sharp, rigid



GOURDET
 28.0cm, blunt



24-6424-01
 6mm



24-6424-02
 8mm



24-6424-03
 10mm



24-6424-04
 12mm



24-6424-05
 14 mm

EN	Suction Biopsy Currettes
DE	Saug und Biopsiekurretten
ES	Curetas aspiradores para biopsia
FR	Curettes de biopsie d'aspiration
IT	Curette per biopsia di aspirazione

GYNECOLOGY



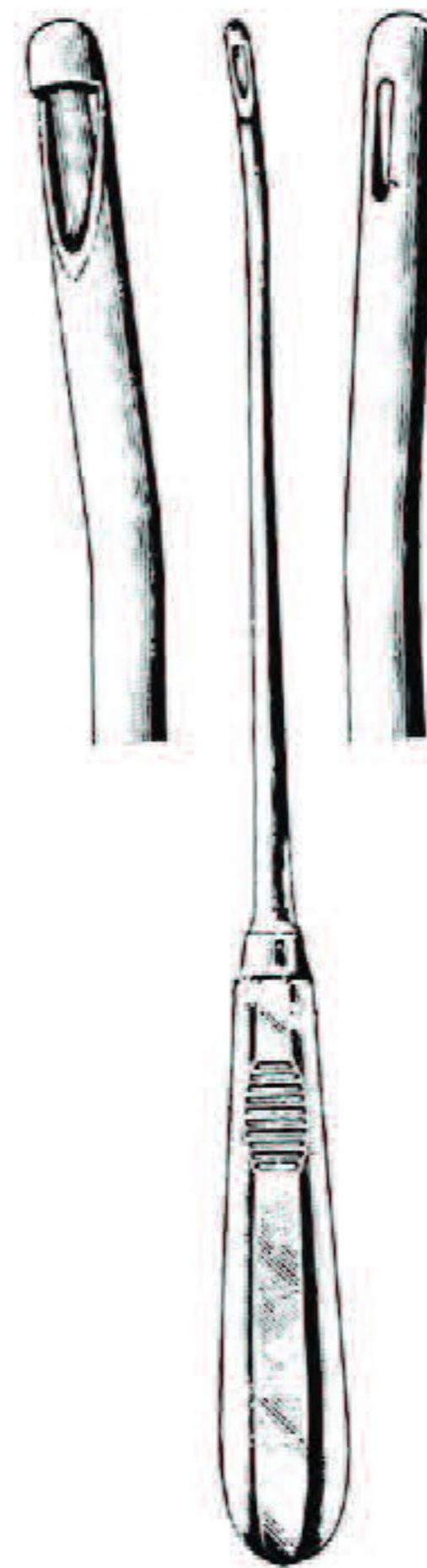
RANDALL
24.0cm
1mm dia. 24-6453-01
2mm dia. 24-6453-02
3mm dia. 24-6453-03
4mm dia. 24-6453-04



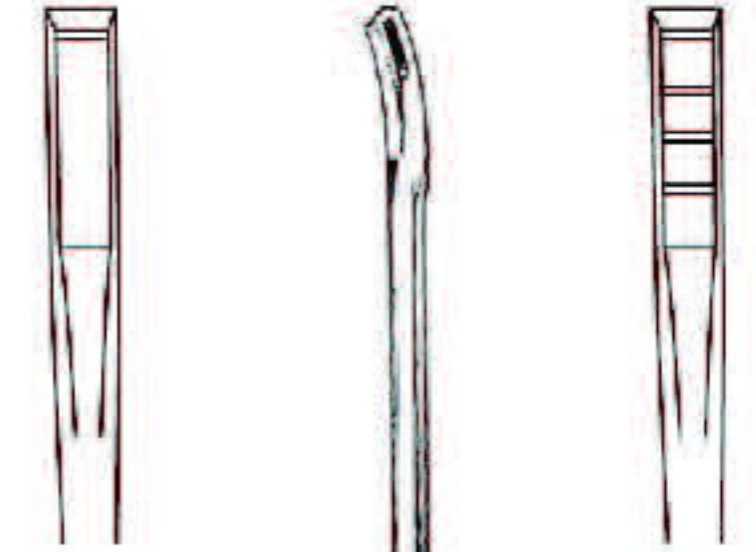
NOVAK
23.0cm
24-6454-01
24-6454-02
24-6454-03
24-6454-04



SHERMAN
24-6455-23 23.0cm
3.5mm dia.



MUENCHEN
24-6456-27 27.0cm



with basket

KEVORKIAN
30.0cm
24-6457-12 1.2mm 24-6458-12
24-6457-40 4.0mm 24-6458-40

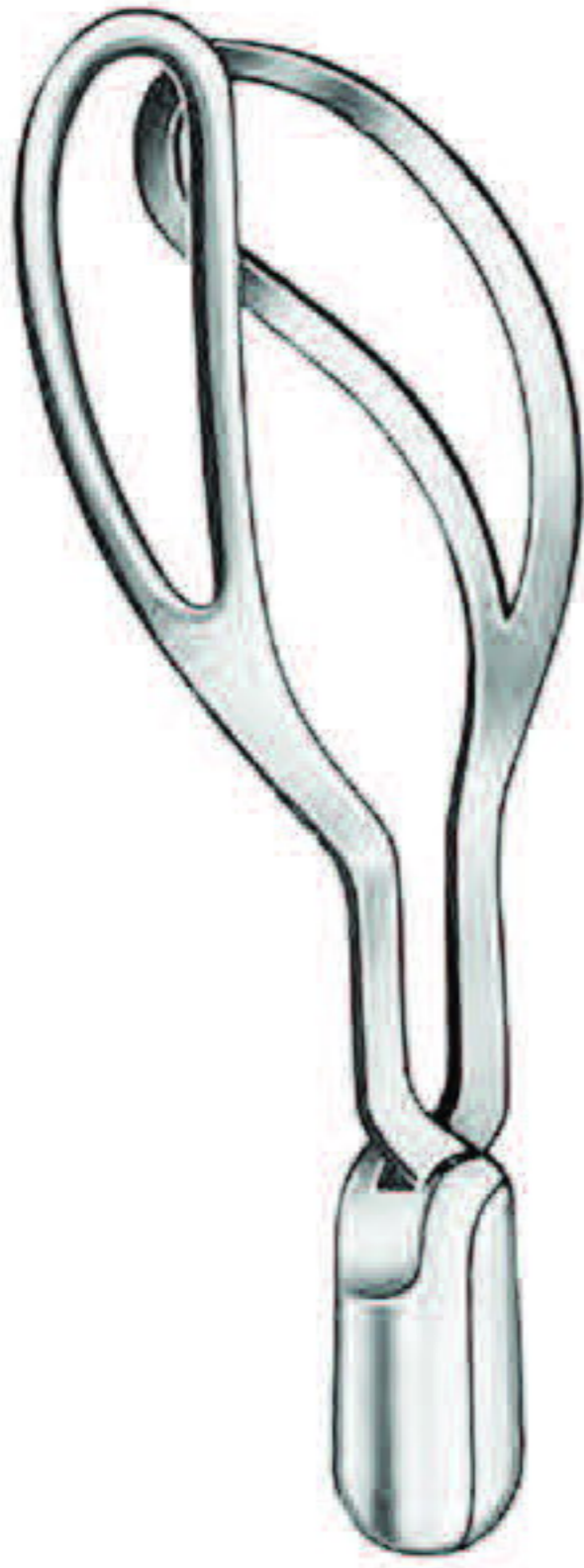
- EN** Obstetrics
- DE** Geburtshilfe
- ES** Obstetricia
- FR** Obstétrique
- IT** Ostetricia

Page 329 to 336



EN	Obstetrical Forceps
DE	Geburtszangen
ES	Forceps obstetricos
FR	Forceps obstétriques
IT	Pinza ostetrica

OBSTETRICS



WRIGLEY
25-6501-23 23.0cm
25-6501-28 28.0cm



DE-LEE
25-6502-30
30.0cm



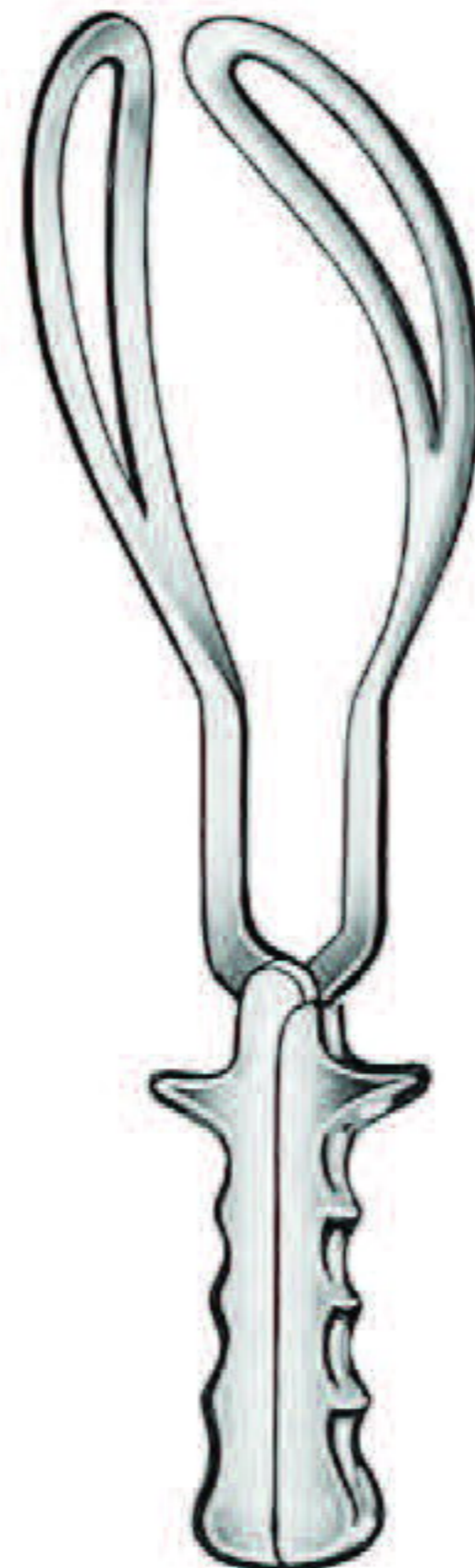
DE-LEE
25-6503-36
36.0cm



SIMPSON
25-6504-23 23.0cm, str.
25-6505-23 23.0cm, cvd.



SIMPSON
25-6506-23 23.0cm
25-6506-30 30.0cm



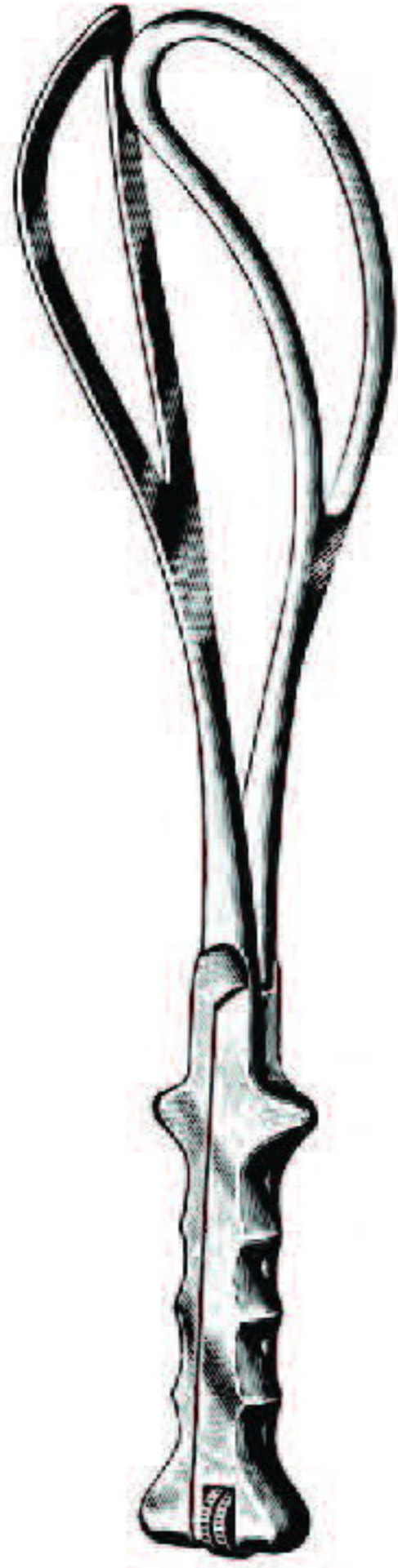
SIMPSON-BRAUN
25-6507-33 33.0cm
25-6507-36 36.0cm



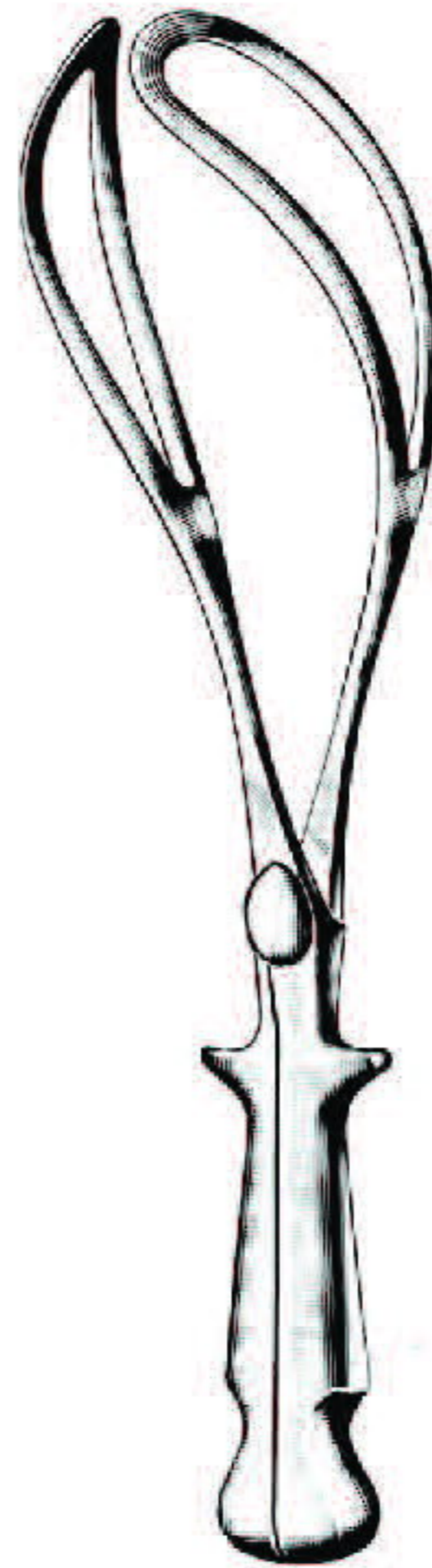
KIELLAND
25-6508-41
41.0cm



PIPER
25-6509-44
44.0cm



ELLIOT
 25-6510-32 32.0cm
 25-6510-38 38.0cm



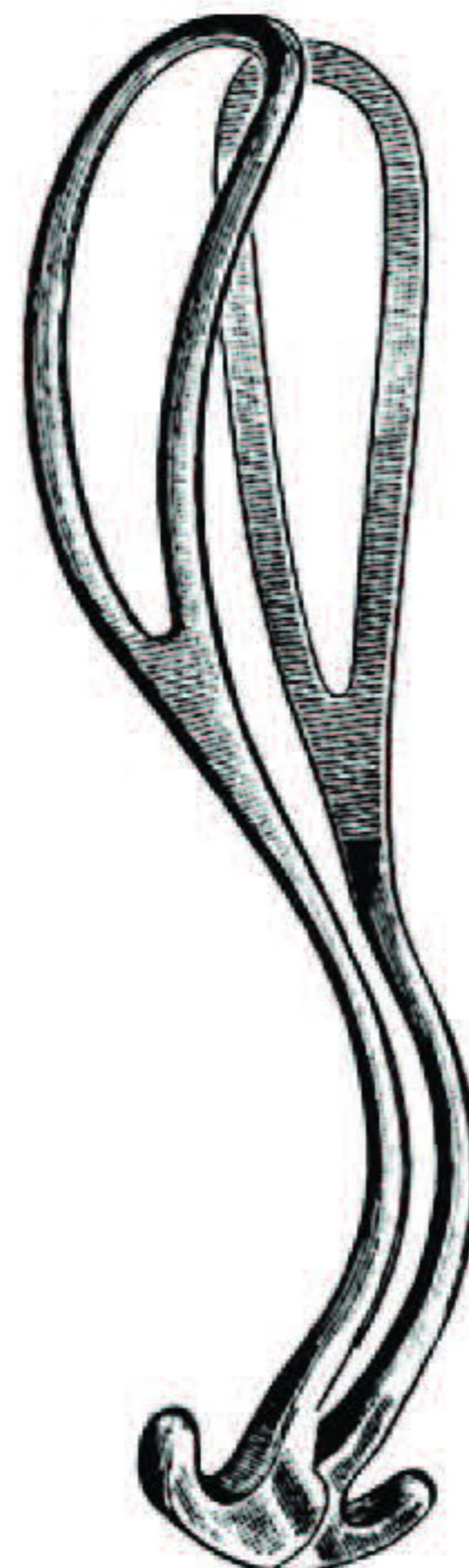
NAEGELE
 25-6511-36 36.0cm
 25-6511-40 40.0cm



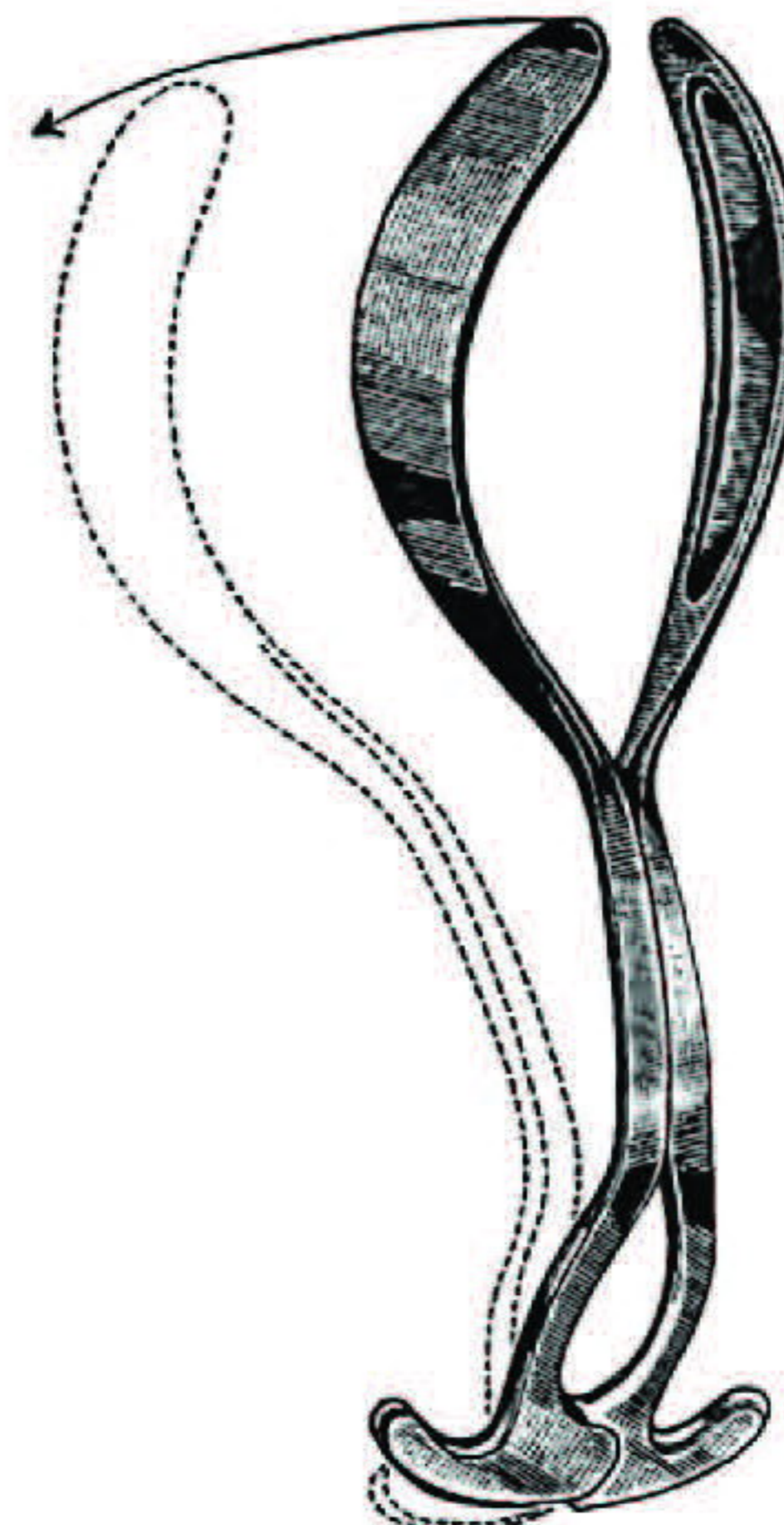
KEDAR NATH DAS
 25-6512-33
 33.0cm



BOERMA
 25-6513-29
 29.0cm



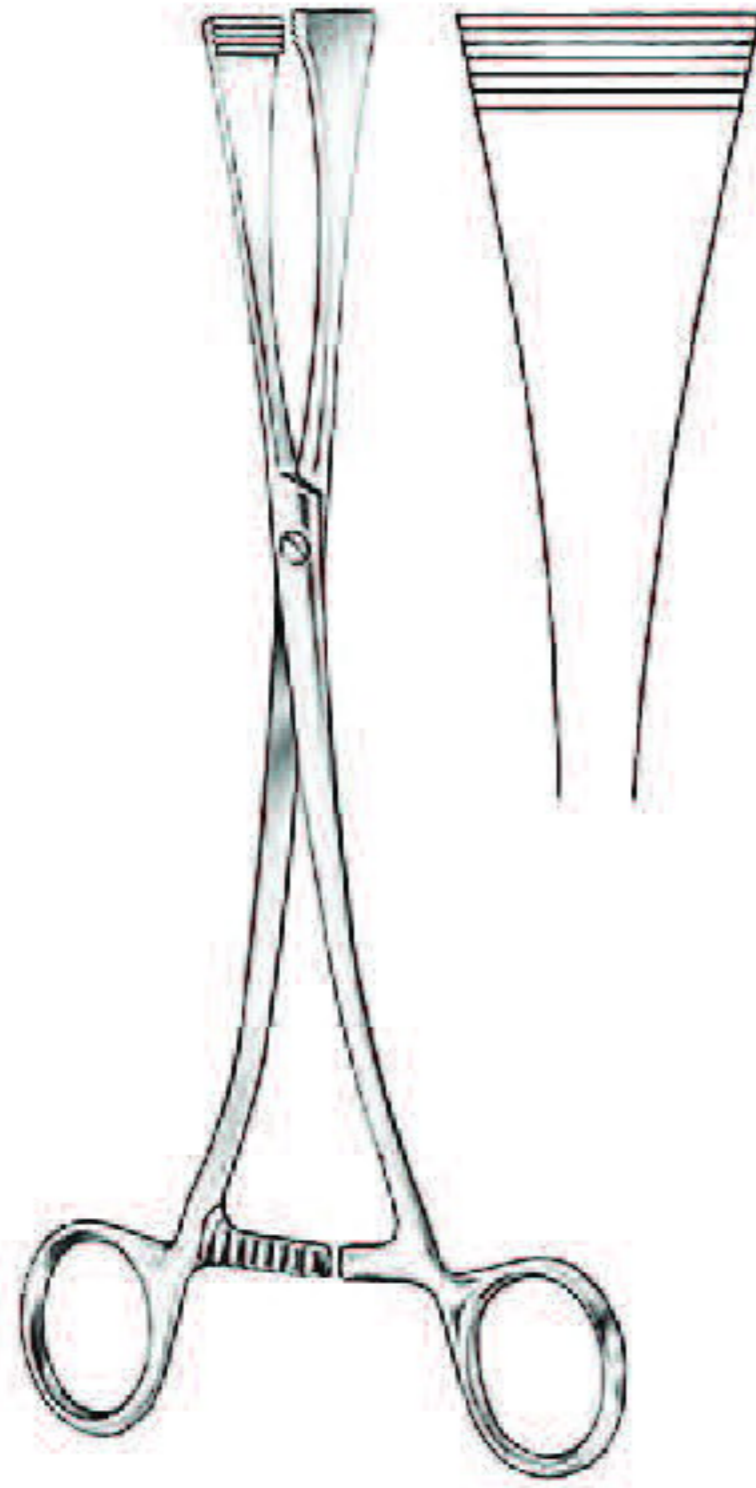
LAUFE-PIPER
 25-6514-30
 30.0cm



LAUFE DIVERGENT OUTLET
 25-6515-31
 31.0cm

- EN Uterine Haemostasis Forceps and Umbilical Cord Clamps
- DE Uterus-Klemmzange und Nabelschnurklemmen
- ES Pinzas uterinas p/hemostasis y clamps umbilicales
- FR Pinces hémostatiques utérines et clamps de cordon ombilical
- IT Pinze emostatiche uterine e pinze ombelicali

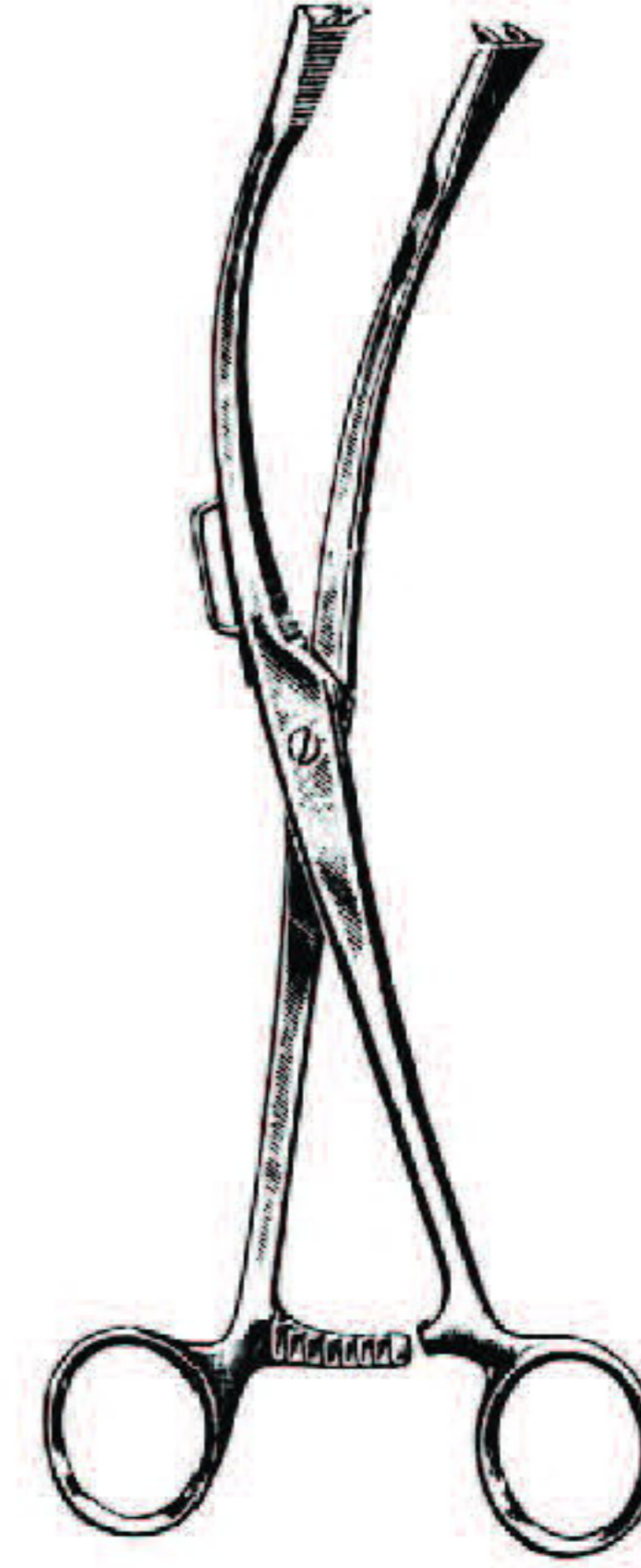
OBSTETRICS



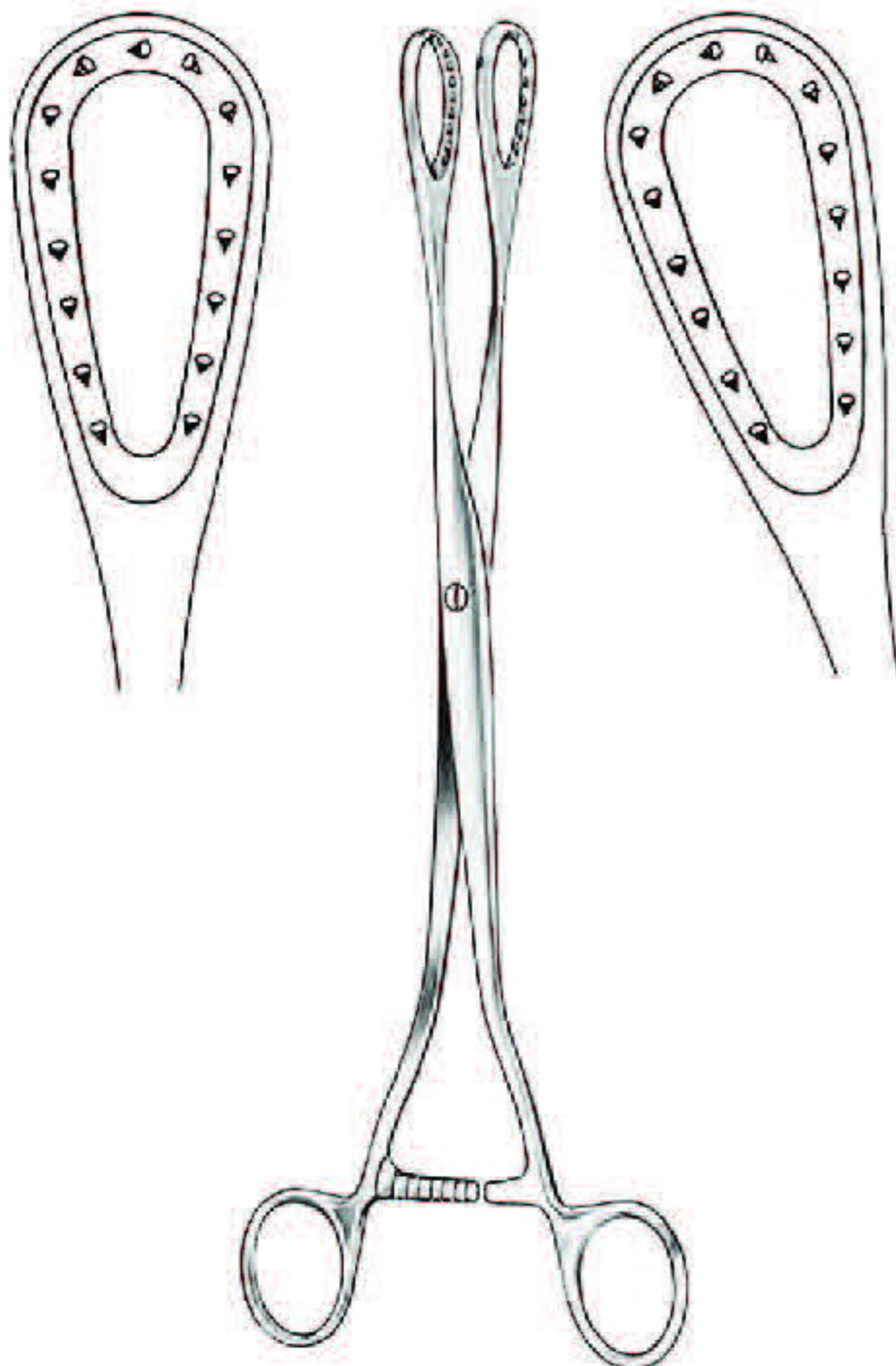
GREEN-ARMYTAGE
25-6542-21
21.0cm



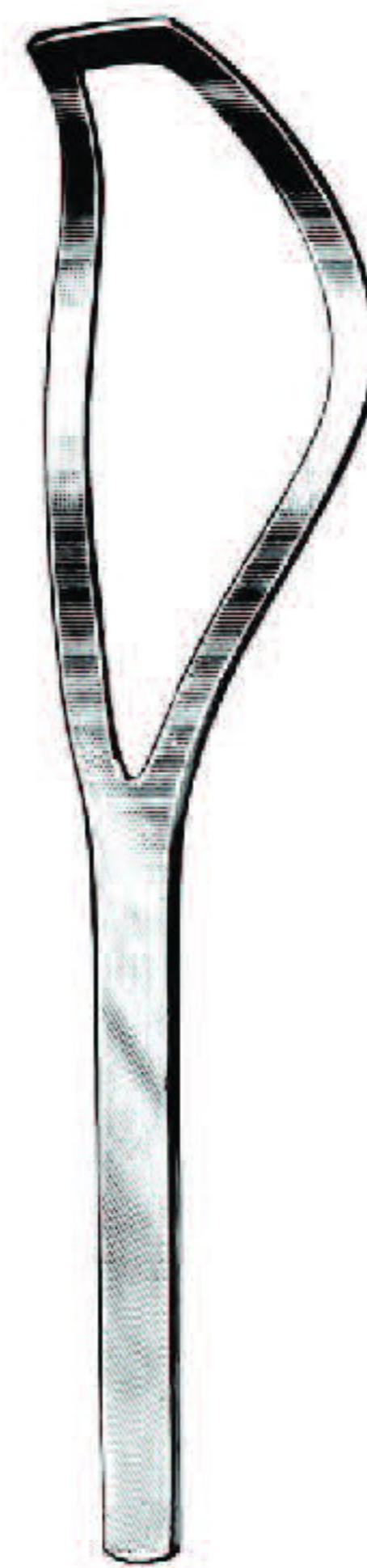
GREEN-ARMYTAGE
25-6543-19
19.5cm



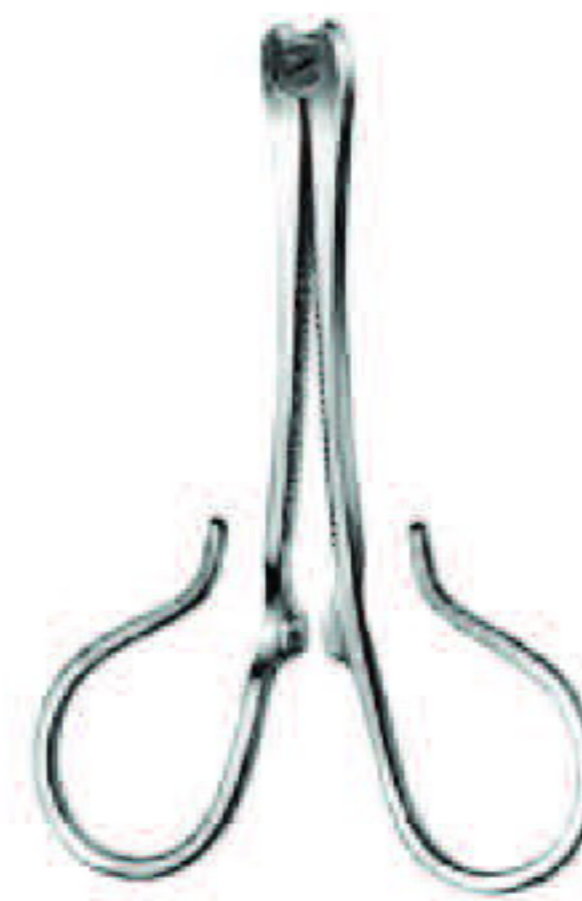
GAUSS
25-6544-26
26.0cm



SAENGER
25-6545-27 27.0cm 25-6546-27



SELLHEIM
25-6547-28
28.0cm



KANE
25-6548-08
8.5cm

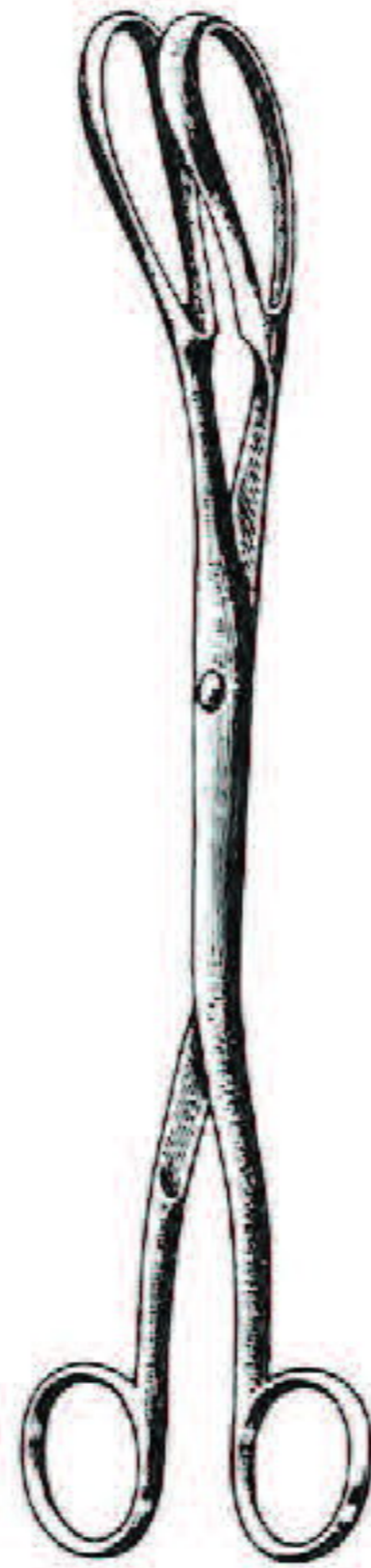


COLLIN
25-6549-09
9.0cm

Placenta and Ovum forceps	EN
Plazenter-und-Abortuszangen	DE
Pinzas para abortoto y placenta	ES
Pince à placenta et Ovum	FR
Pinza per placenta e ovulo	IT



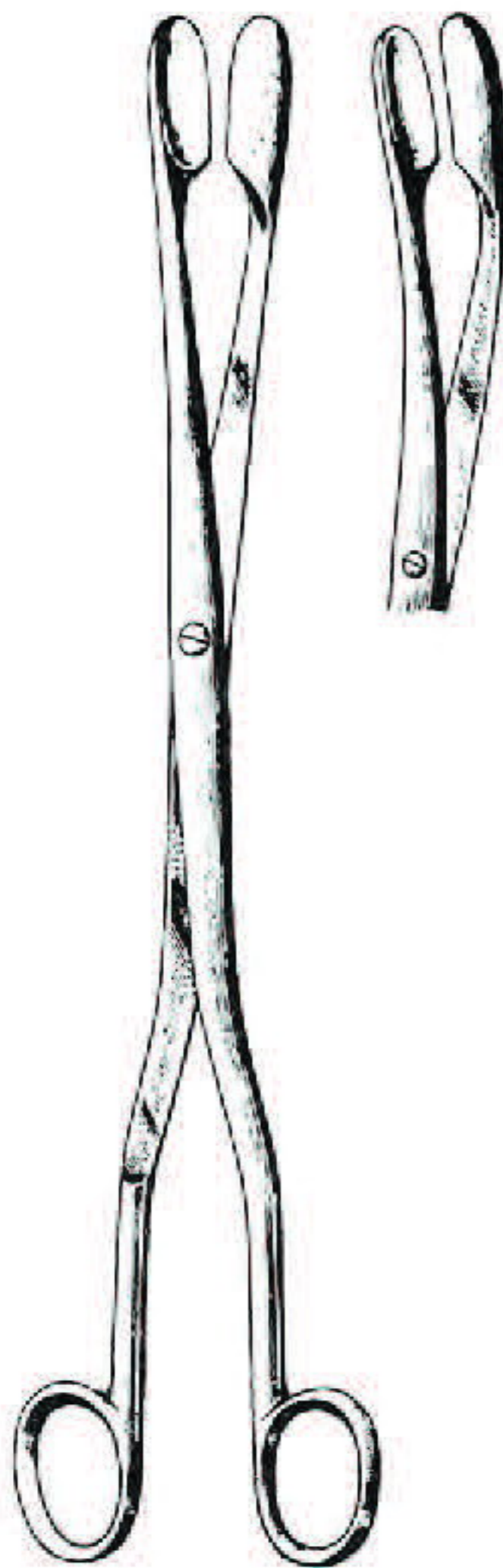
HEYWOOD-SMITH
 25-6550-25
 25.0cm



COREY
 25-6551-24
 24.0cm



WILLET
 25-6552-19
 19.0cm



WINTER
 28.0cm

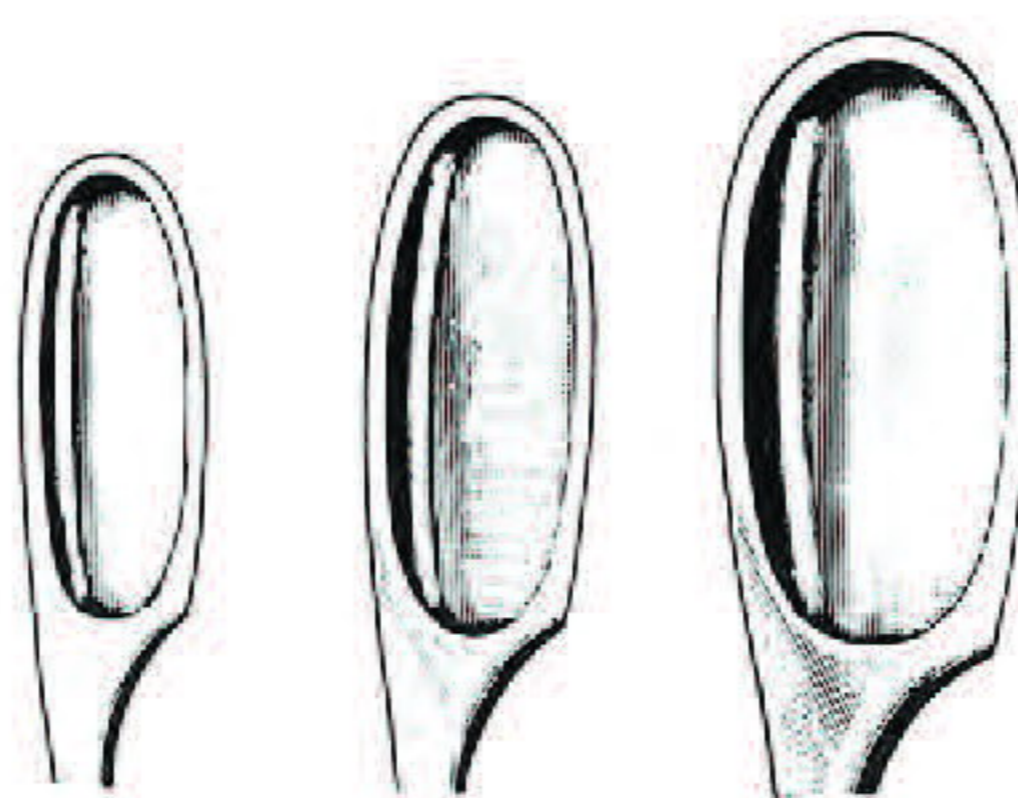
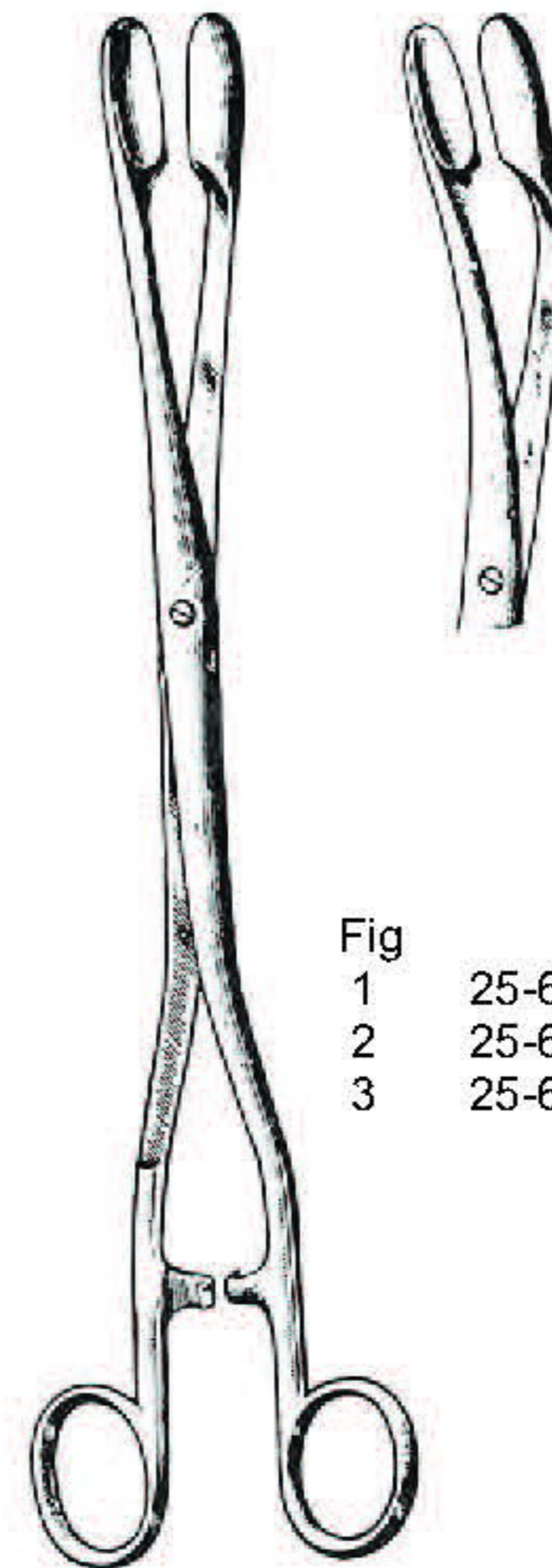


Fig	str	cur
1	25-6553-01	25-6554-01
2	25-6553-02	25-6554-02
3	25-6553-03	25-6554-03



WINTER-NASSAUER
 28.0cm

Fig	str	cur
1	25-6555-01	25-6556-01
2	25-6555-02	25-6556-02
3	25-6555-03	25-6556-03



toothed back

25-6574-01

25-6574-02

25-6574-03

CUZZI
30.0cm, blunt



25-6575-30

25-6576-42

PESTALOZZA
30.0cm

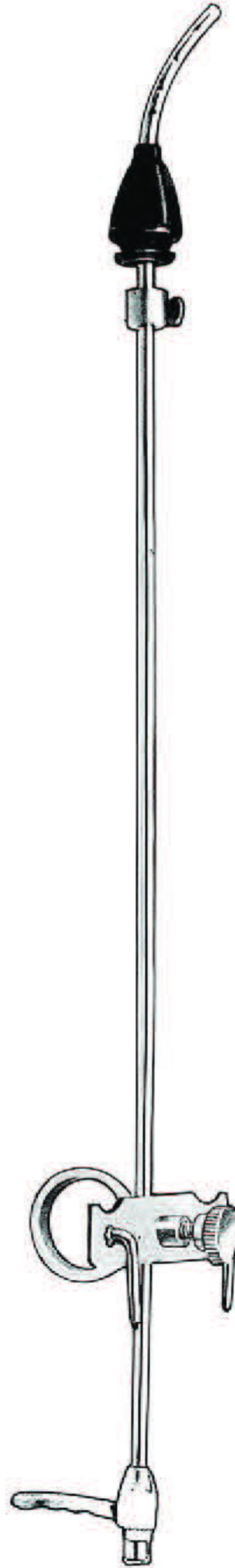
WALLICH
42.0cm, blunt

EN	Intra-Uterine Cannula
DE	Intrauterine Kanülen
ES	Canulas intrauterino
FR	Canule intra-utérine
IT	Cannula intrauterina

OBSTETRICS



SPACKMANN
25-6571-35
35.0cm



SPACKMANN
25-6572-35
35.0cm



LEECH-WILKINSON
26.5cm



25-6573-01
Ø 10 x 25mm
small



25-6573-02
Ø 13 x 30mm
medium



25-6573-03
Ø 16 x 30mm
large

EN	Aspirating Curettes
DE	Absaygkuretten
ES	Curetas de aspiracion
FR	Curettes aspirantes
IT	Curette aspiranti

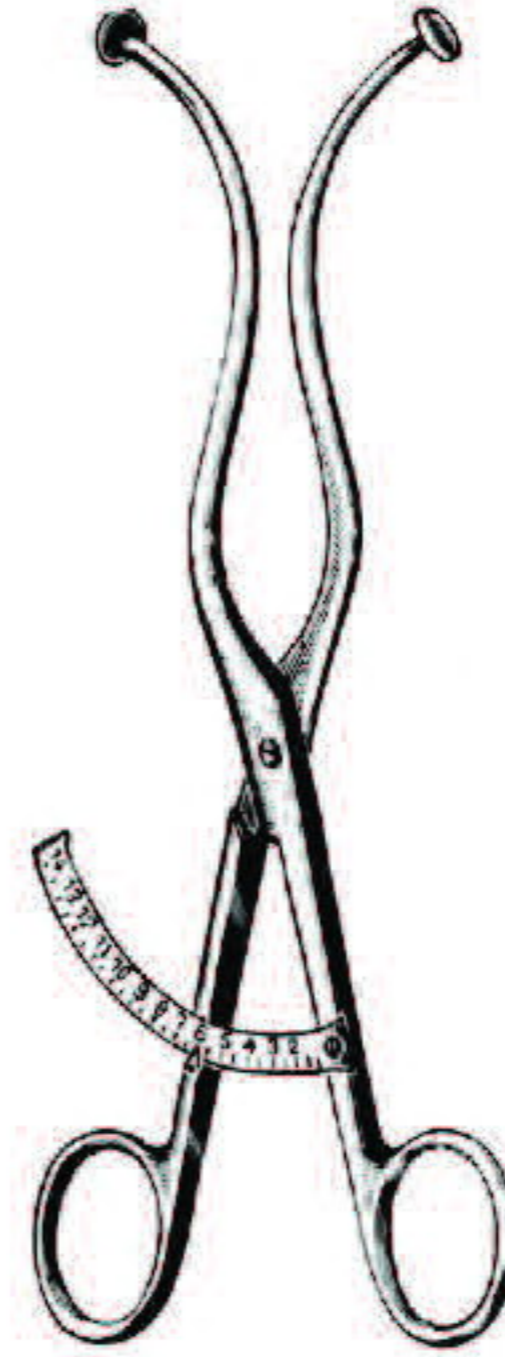
OBSTETRICS



25-6577-03 3 mm Ø	25-6578-04 4,5 mm Ø	25-6579-06 6 mm Ø	25-6580-08 8 mm Ø	25-6581-10 10 mm Ø	25-6582-12 12 mm Ø	25-6583-14 14 mm Ø	25-6584-50
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COLLYER
 25-6595-33 33.0cm
 cm / inch scale



DELEE
 25-6596-20 20.0cm
 cm / inch scale



MARTIN
 25-6597-34 34.0cm
 25-6598-34 34.0cm
 cm / inch scale



COLLIN
 25-6599-35
 35.0cm
 cm scale



BREISKY
 25-6600-33
 33.0cm
 cm / inch scale

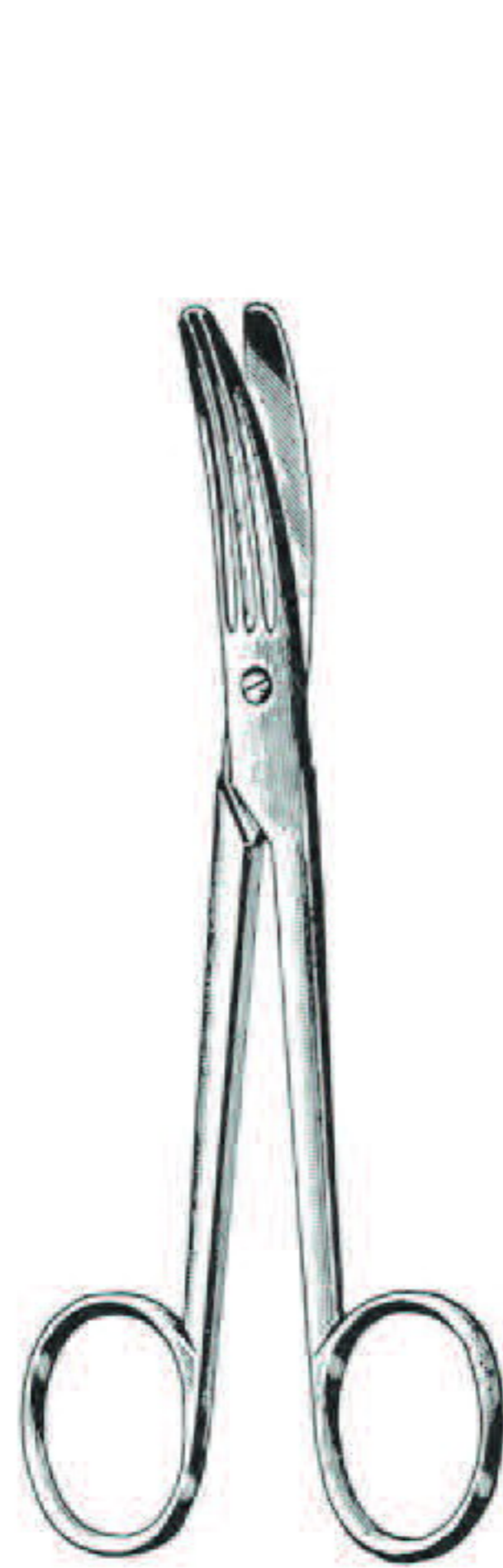
EN	Goitre
DE	Kropfchirurgie
ES	Bocio
FR	Goitre
IT	Gozzo

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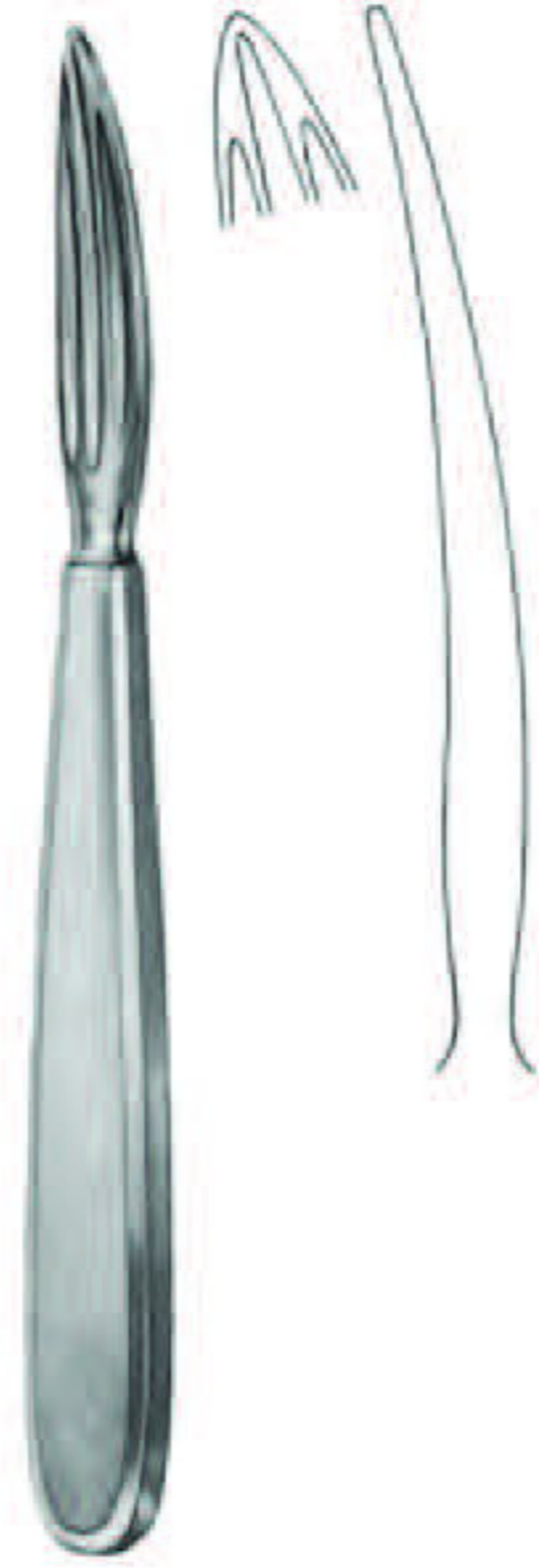


EN Goitre Enucleator, Goitre Grasping Forceps
 DE Kropfsonden, Kropffasszangen
 ES Sondas para bocio, Pinzas para coger el bocio
 FR Goitre Enucleator, Forceps Goitre Grasping
 IT Goitre Enucleator, Pinza da presa del gozzo

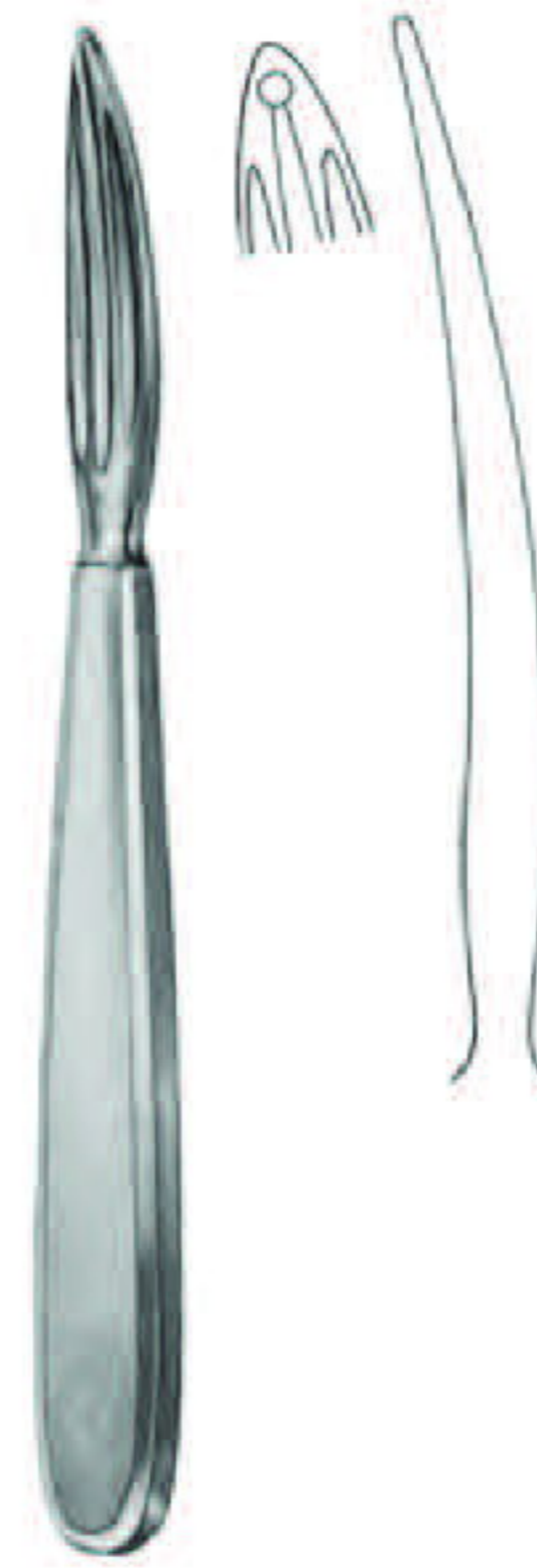
GOITRE



SCHOEMAKER
 26-6701-15
 15.0cm



KOCHER
 26-6702-15 15.0cm
 26-6702-16 16.0cm



KOCHER
 26-6703-15
 26-6703-16



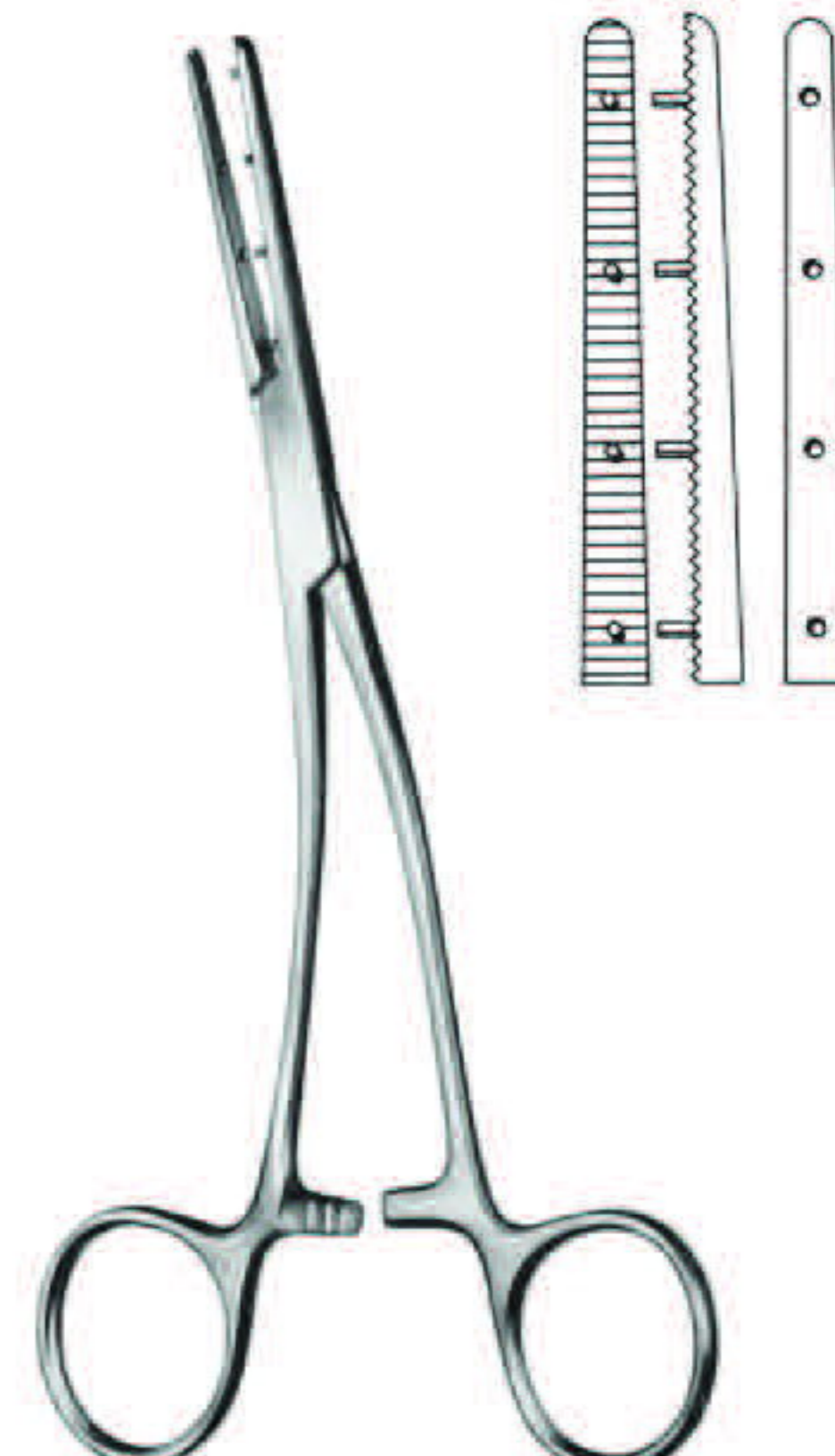
KOCHER
 26-6704-18
 18.0cm



HOFMEISTER
 26-6705-21
 21.0cm



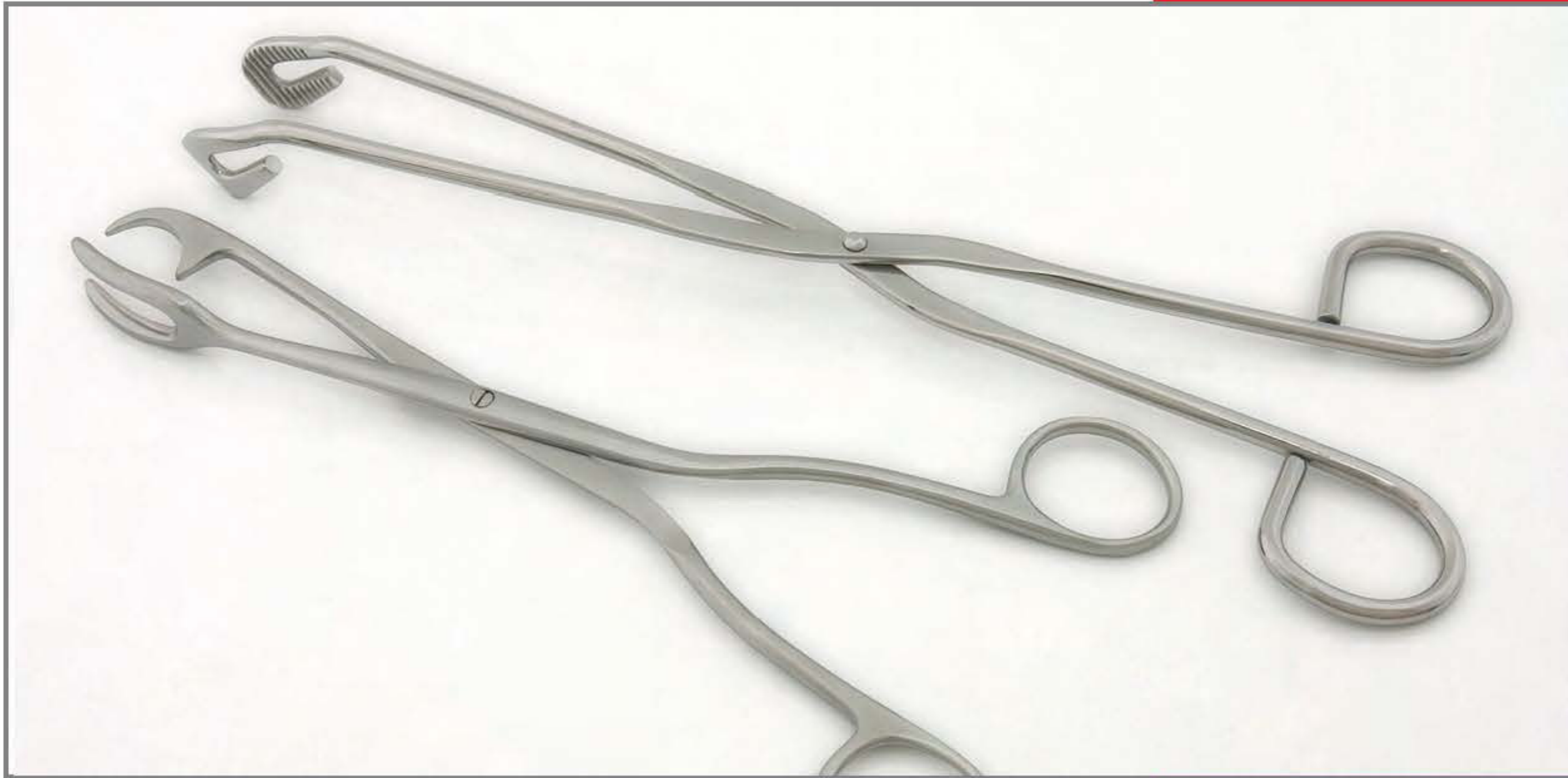
LAHEY
 26-6706-15 15.0cm
 26-6706-20 20.0cm



MASTIN
 26-6707-17
 17.0cm

- EN** Sterilization
- DE** Sterilisation
- ES** Esterilización
- FR** Stérilisation
- IT** Sterilizzazione

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EN	Sterilizing Forceps
DE	Sterilisierzangen
ES	Pinzas para esterilización
FR	Forceps de stérilisation
IT	Forcipe sterilizzante

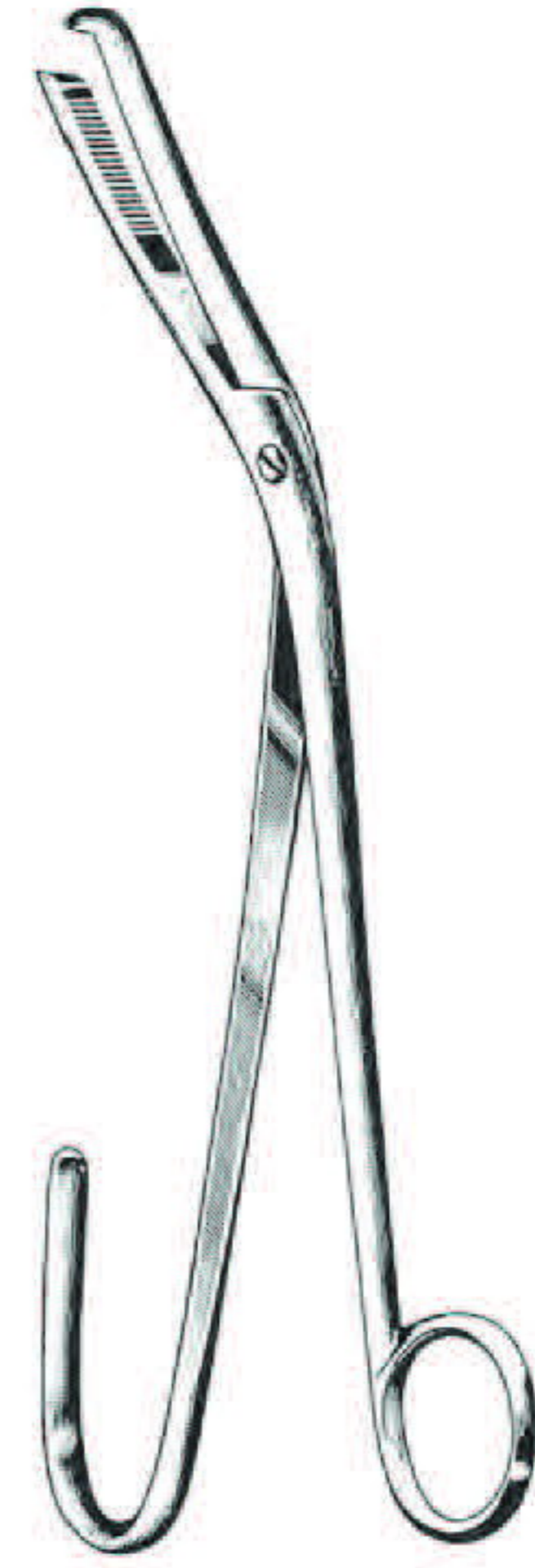
STERILIZATION



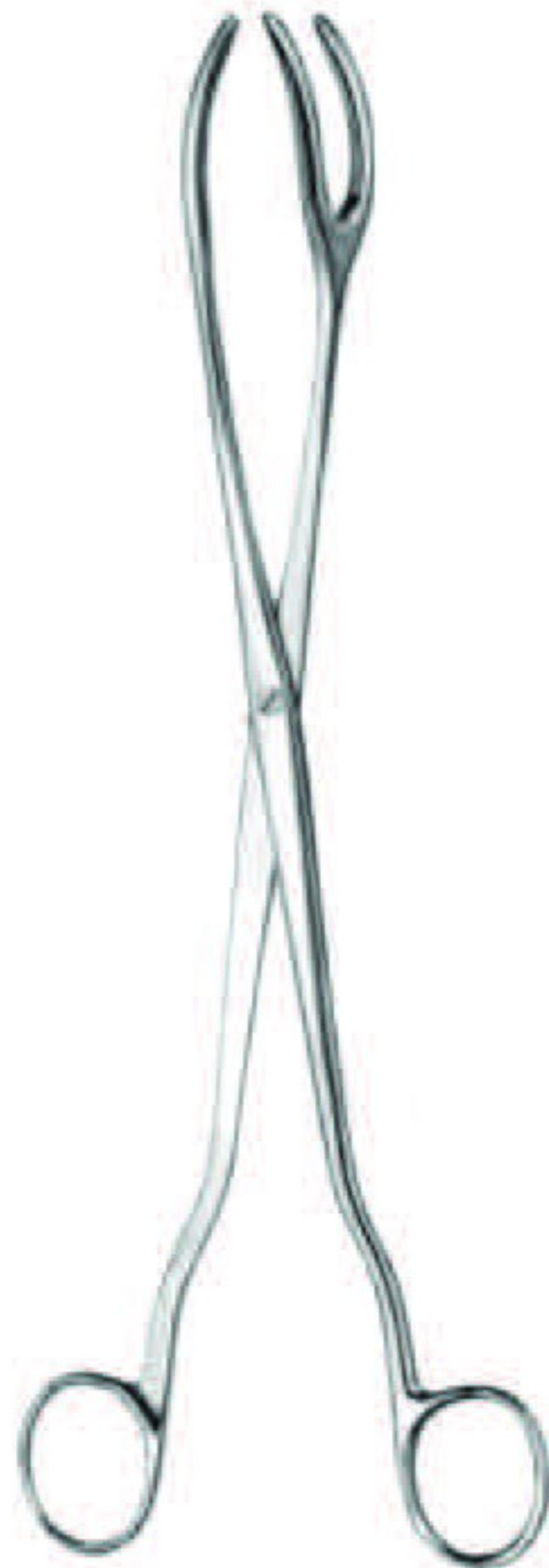
CHEATLE
27-6801-27
27.0cm



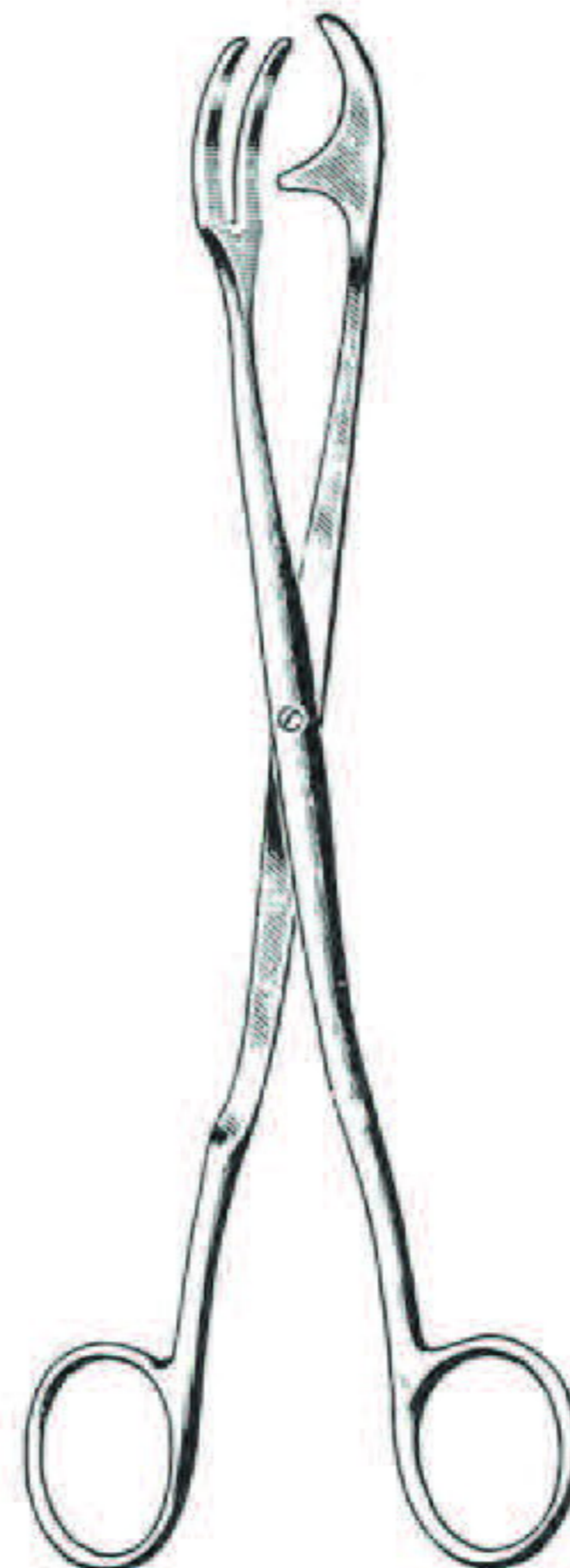
CHEATLE
27-6802-26
26.5cm



CHEATLE
27-6803-28
28.0cm



27-6804-20 20.0cm
27-6804-30 30.0cm



ROGGE
27-6805-23
23.0cm



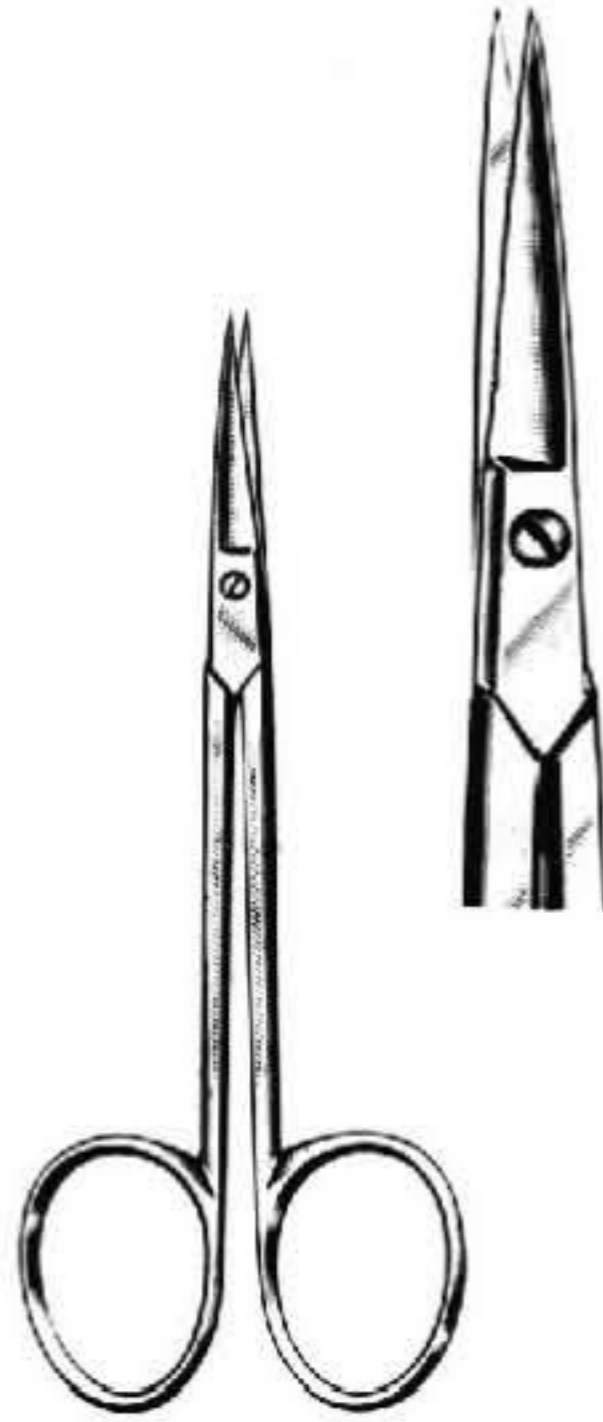
DAVIS
27-6806-16 16.0cm
27-6806-20 20.0cm
27-6806-24 24.0cm

EN	Asepsis
DE	Asepsis
ES	Asepsia
FR	Asepsie
IT	Asepsi

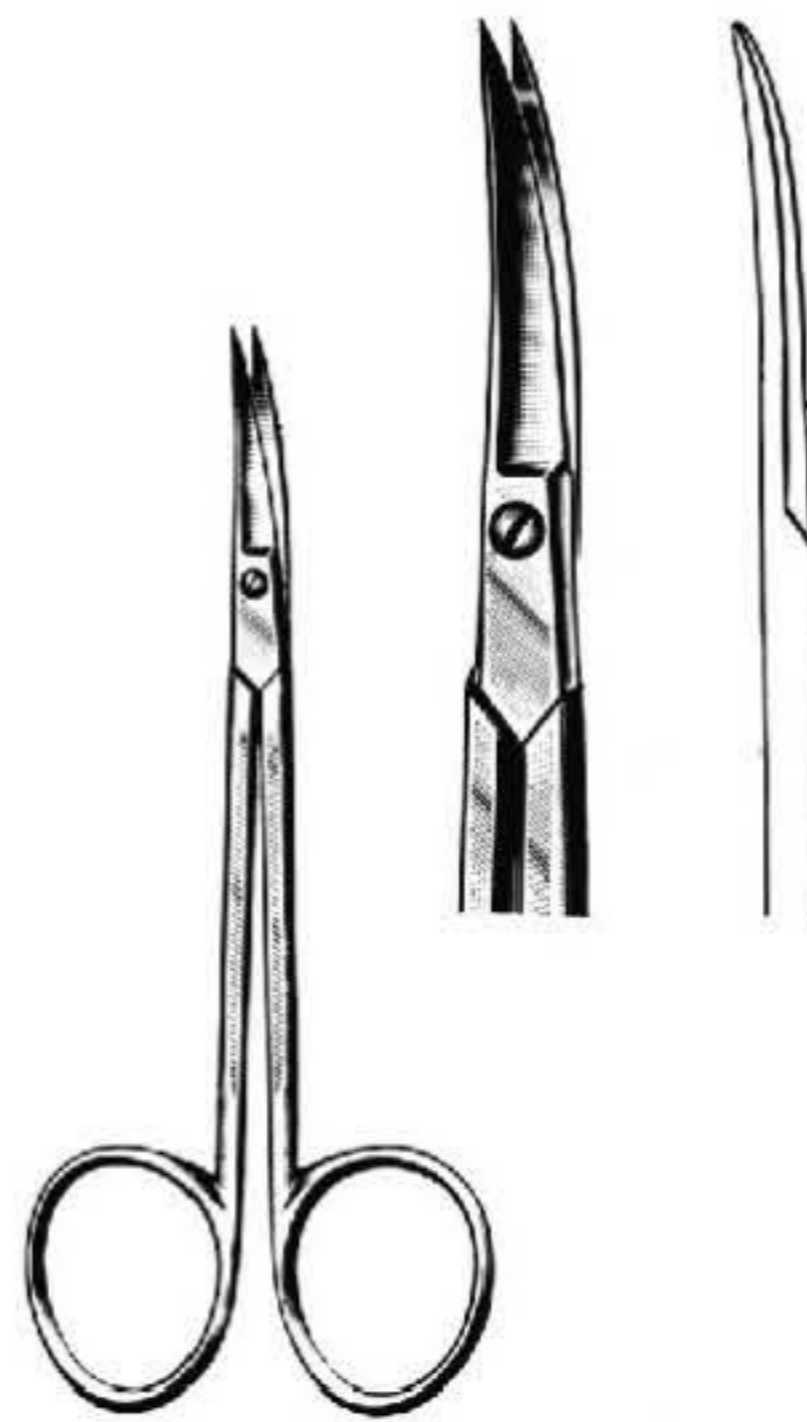
Page 339 to 340



ASEPSIS



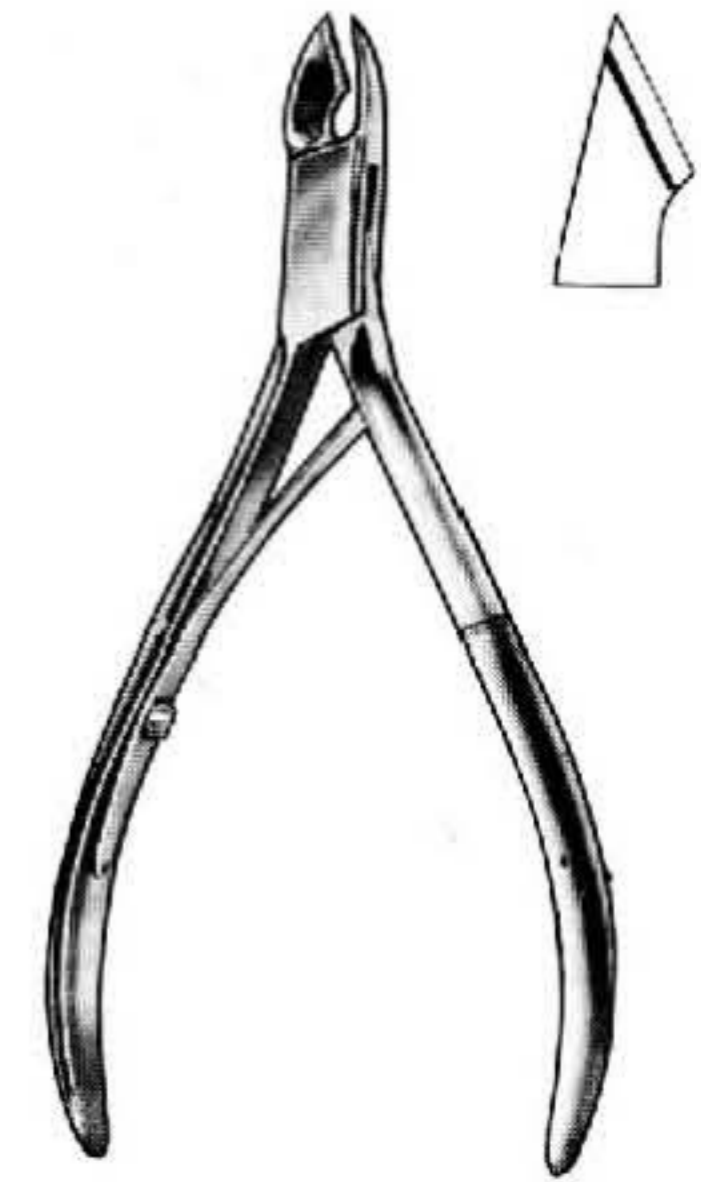
28-6901-10 10.5 cm/4"



28-6902-10 10.5 cm/4"



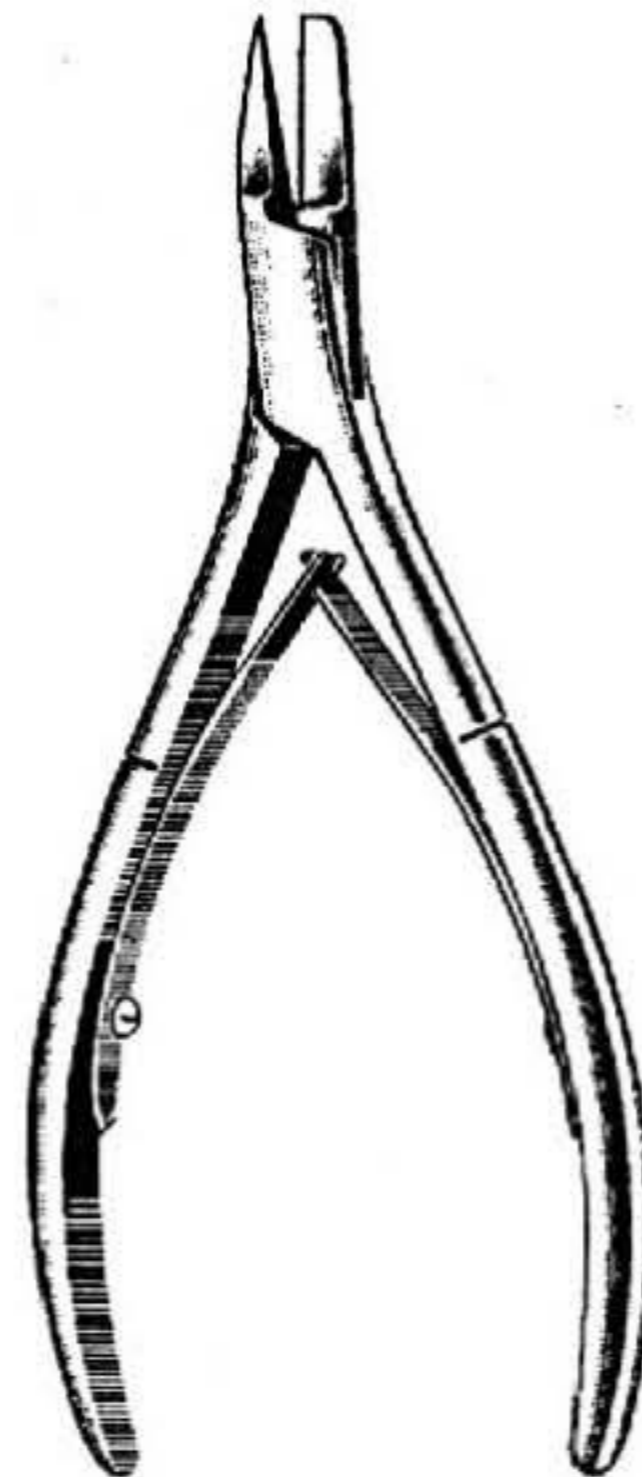
28-6903-10 10.5 cm/4"



28-6904-10 10.5 cm/4"
 28-6904-11 11.5 cm/4 1/2"
 28-6904-13 13 cm/5"



28-6905-10 10.5 cm/4"
 28-6905-11 11.5 cm/4 1/2"
 28-6905-13 13 cm/5"
 28-6905-15 15 cm/6"



INGROWN TOE NAIL FORCEPS
ENGLISH (ANVIL) PATTERN
 28-6906-12 12.5 cm/5"



28-6907-10 10 cm/4"
 28-6907-12 12 cm/5"



28-6908-16 16 cm/6 1/2"

Nail Scissors, Nippers **EN**

Nagelscheren, Nagelzangen **DE**

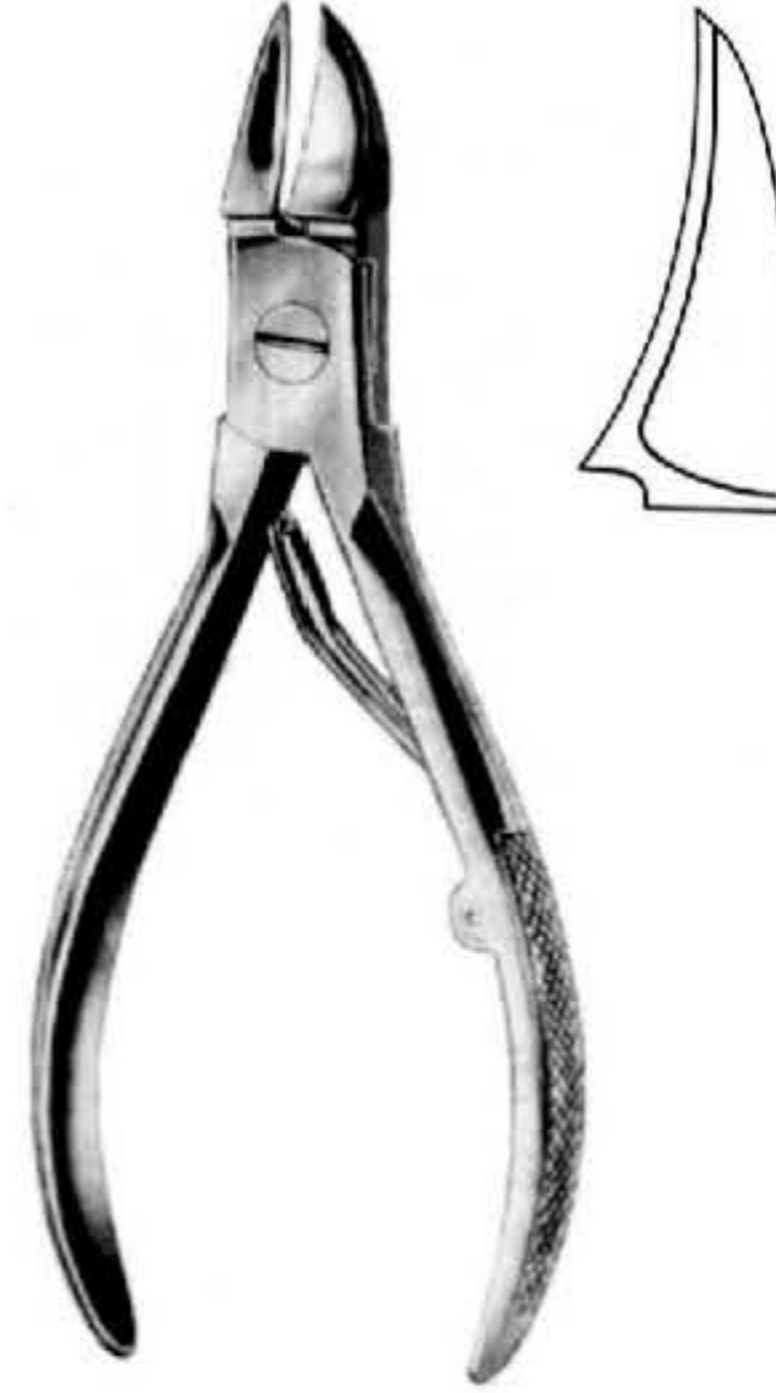
Tijeras para unas, pinzas corta-unas **ES**

Ciseaux à ongles, pinces **FR**

Forbici per unghie, tronchesi **IT**



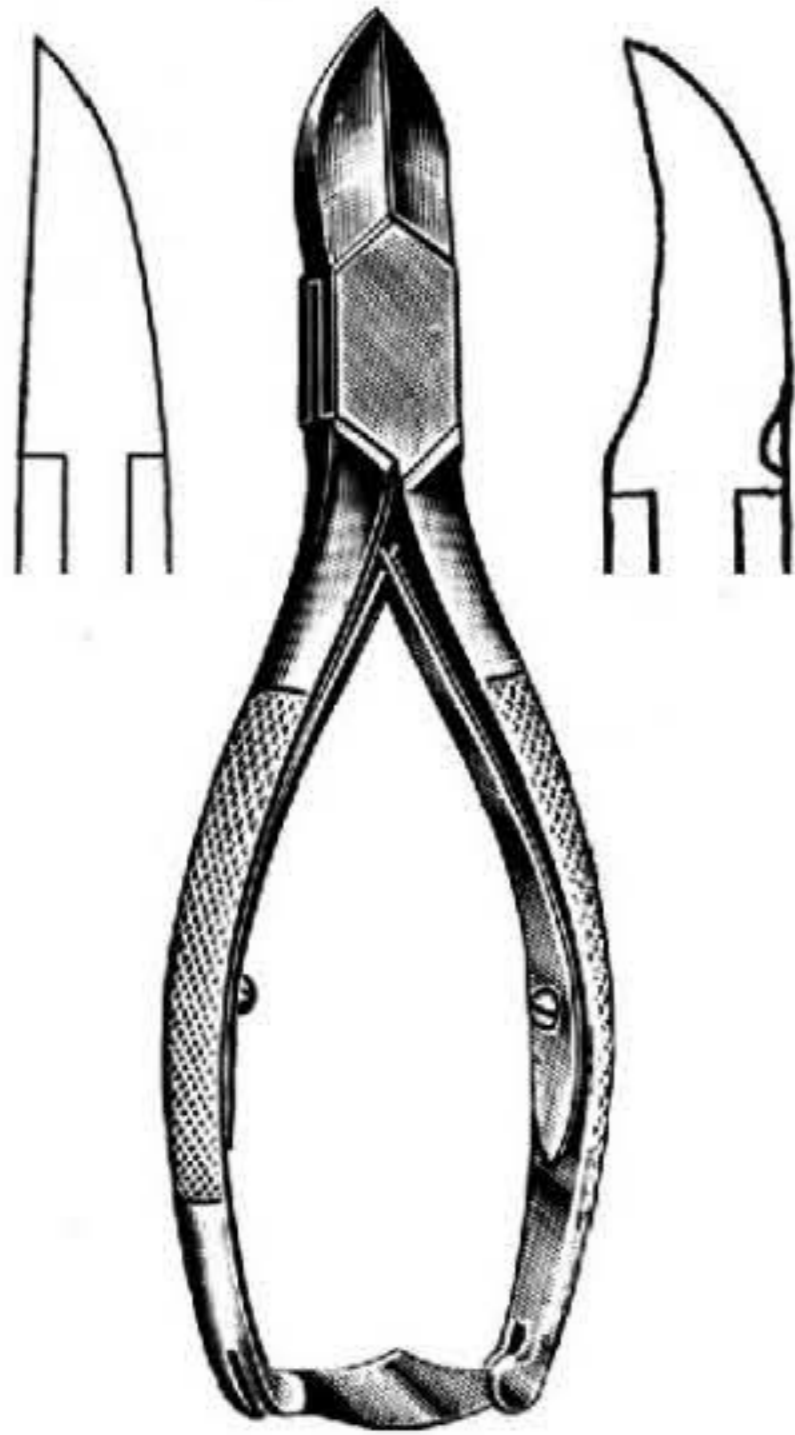
28-6909-09 9 cm/3 1/2" 28-6910-09
 28-6909-10 10 cm/4" 28-6910-10
 28-6909-11 11cm/4 1/2" 28-6910-11



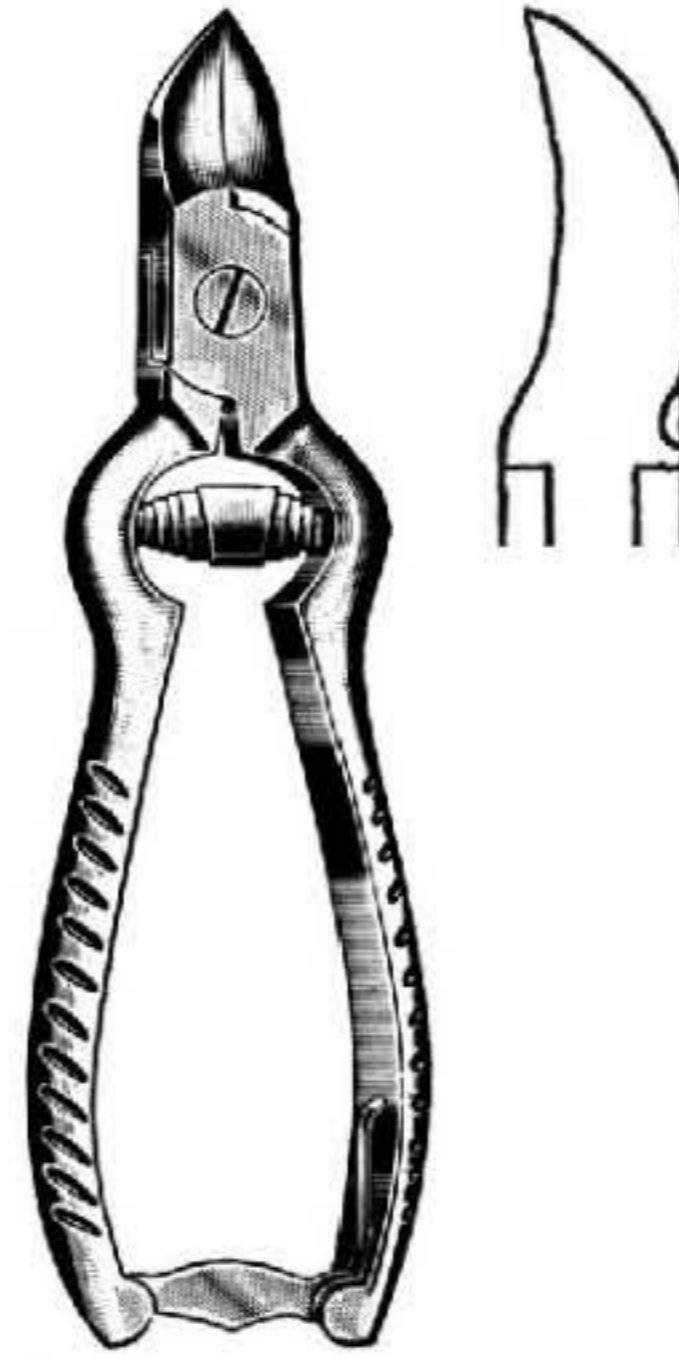
28-6911-12 12 cm/5"
 28-6911-13 13 cm/5 1/4"



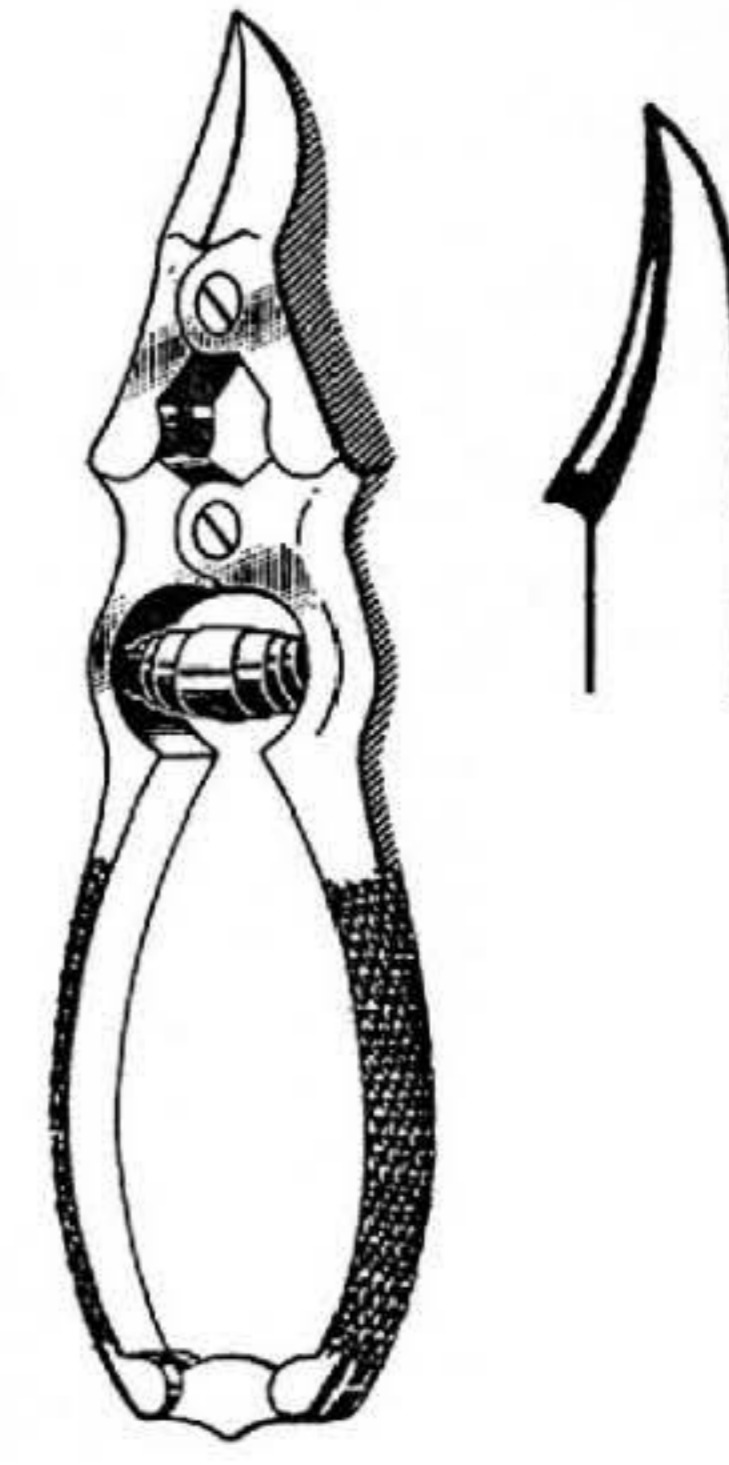
28-6912-14
 14 cm/5 1/2"



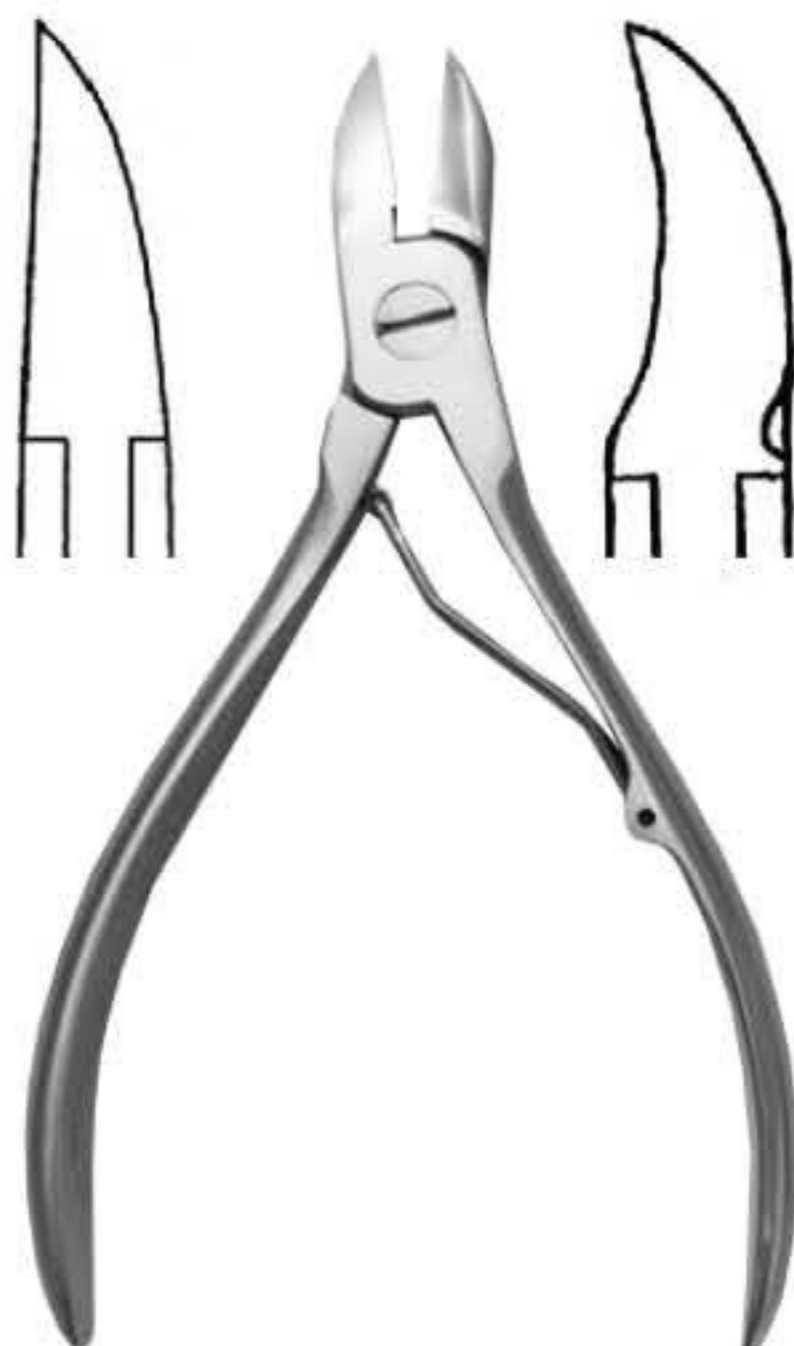
28-6914-14 14 cm/5 1/2"
 28-6914-16 16 cm/6 1/2"



TURNBULL
 28-6915-11 11 cm/4 1/2"
 28-6915-13 13 cm/5"



**NAIL NIPPER
 Double Action**
 28-6916-15
 15 cm/6"



28-6917-12 12 cm/5" 28-6918-12
 28-6917-13 13 cm/5 1/2" 28-6918-13



28-6919-15
 S/E



28-6920-15
 D/E

EN	Hollowware
DE	Hollowware
ES	Hollowware
FR	Hollowware
IT	cavo

Page 341 to 348



EN	Needle Case, Endodontic Box, Tube Rack, Cotton Holder,
DE	Needle Case, Endodontie Box, Tube Rack, Cotton Holder
ES	Caso aguja, Caja de endodoncia, bastidor de tubo
FR	Cas d'aiguille, boîte endodontique, support de tube, support de coton
IT	Astuccio per aghi, scatola endodontica, portaprovette, porta cotone



Needle Case Round with Cover
29-7001-01 65x15mm



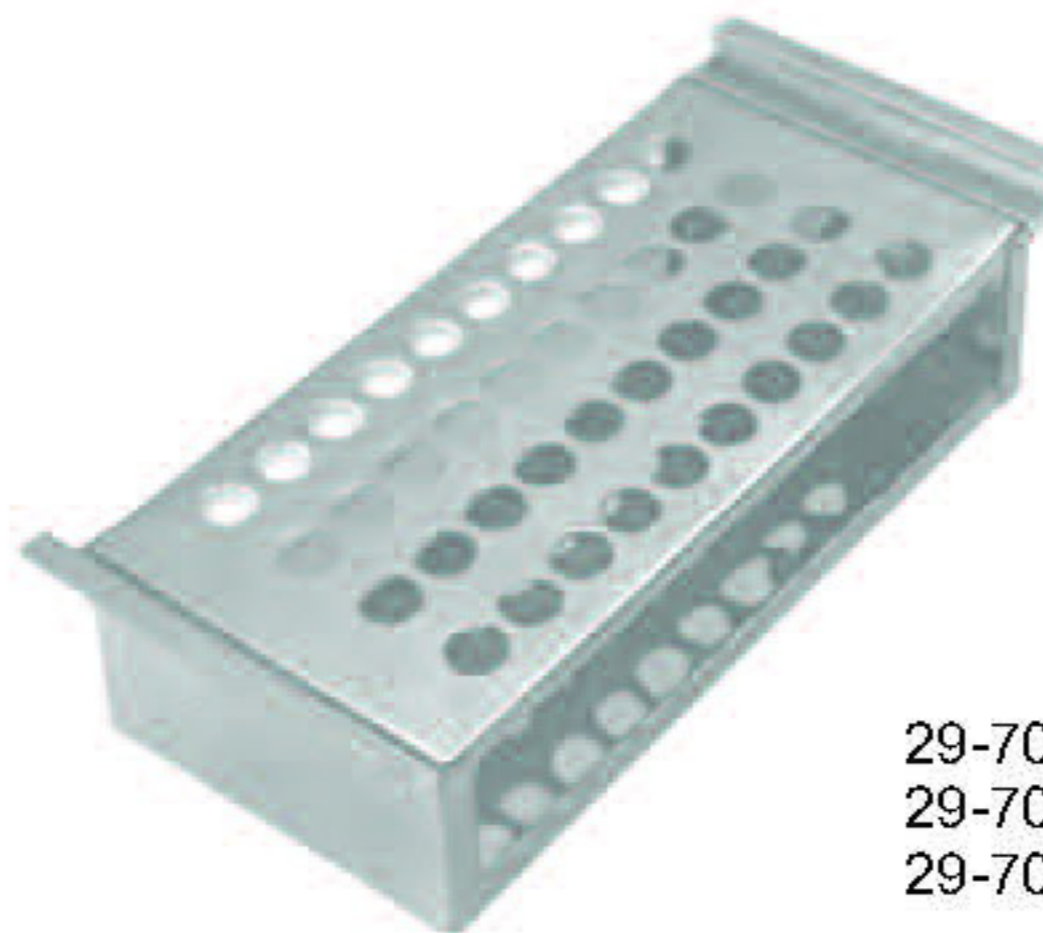
Needle Case Round
29-7002-01 80x20mm



Needle Case Rectangle
29-7003-01 70x70x10mm



Endodontic Box
29-7004-01
100x40x50mm



Tube Rack

29-7005-01	6.35x15.25x5cm for 12 tubes
29-7005-02	6.35x17.75x7.5cm for 27 tubes
29-7005-03	7.50x17.75x6.35cm for 36 tubes



Sprit Lamp
29-7006-01
Standard Size



Sprit Lamp
29-7007-01
Standard Size



Sputum Cup
29-7008-01 75x80mm
29-7008-02 100x50mm
29-7008-03 100x80mm



Dressing Jar

29-7009-01	80x60mm	29-7010-01
29-7009-02	80x80mm	29-7010-02
29-7009-03	100x100mm	29-7010-03
29-7009-04	120x120mm	29-7010-04
29-7009-05	150x150mm	29-7010-05
29-7009-06	180x180mm	29-7010-06
29-7009-07	200x200mm	29-7010-07



Dressing Jar



Fennle

29-7012-01	100mm Ø
29-7012-02	120mm Ø
29-7012-03	150mm Ø
29-7012-04	200mm Ø



Cotton Holder
29-7011-01

Cotton Holder
29-7011-02



Forceps Jar

29-7013-01	30x90mm
29-7013-02	50x125mm
29-7013-03	50x170mm
29-7013-04	50x200mm
29-7013-05	40x230mm
29-7013-06	70x110mm
29-7013-07	80x150mm
29-7013-08	100x200mm
29-7013-09	150x30mm



Gallipot

29-7014-01	01 oz	29-7014-09	09 oz
29-7014-02	02 oz	29-7014-10	10 oz
29-7014-03	03 oz	29-7014-11	11 oz
29-7014-04	04 oz	29-7014-12	12 oz
29-7014-05	05 oz	29-7014-13	13 oz
29-7014-06	06 oz	29-7014-14	14 oz
29-7014-07	07 oz	29-7014-15	15 oz
29-7014-08	08 oz	29-7014-16	16 oz



Spong Bowl

29-7015-01	12 cm
29-7015-02	15 cm
29-7015-03	20 cm

EN	Cup, Bowl, Kedney Trays
DE	Cup, Schüssel, Nierenschalen
ES	Copa, Bowl, bandejas de riñón
FR	Coupe, bol, plateaux de Kedney
IT	Coppa, ciotola, Kedney Vassoi

HOLLOWWARE



Medicine Cup

- 29-7016-01 50ml
- 29-7016-02 60ml
- 29-7016-03 70ml



Lotion Bowl without spout

- | | |
|---------------------|----------------------|
| 29-7017-01 40x19mm | 29-7017-08 150x65mm |
| 29-7017-02 50x25mm | 29-7017-09 180x85mm |
| 29-7017-03 60x30mm | 29-7017-10 200x100mm |
| 29-7017-04 80x40mm | 29-7017-11 250x120mm |
| 29-7017-05 100x50mm | 29-7017-12 300mm |
| 29-7017-06 120x60mm | 29-7017-13 350mm |
| 29-7017-07 140x60mm | 29-7017-14 400mm |



Wash Basin

- 29-7018-01 300x80mm
- 29-7018-02 320x85mm
- 29-7018-03 330x90mm
- 29-7018-04 350x110mm
- 29-7018-05 400x115mm



Kick Bucket with Trolley

- 29-7019-01
- 390x280x180mm



Kidney Tray Shallow

- 29-7020-01 17cm
- 29-7020-02 22cm
- 29-7020-03 24cm



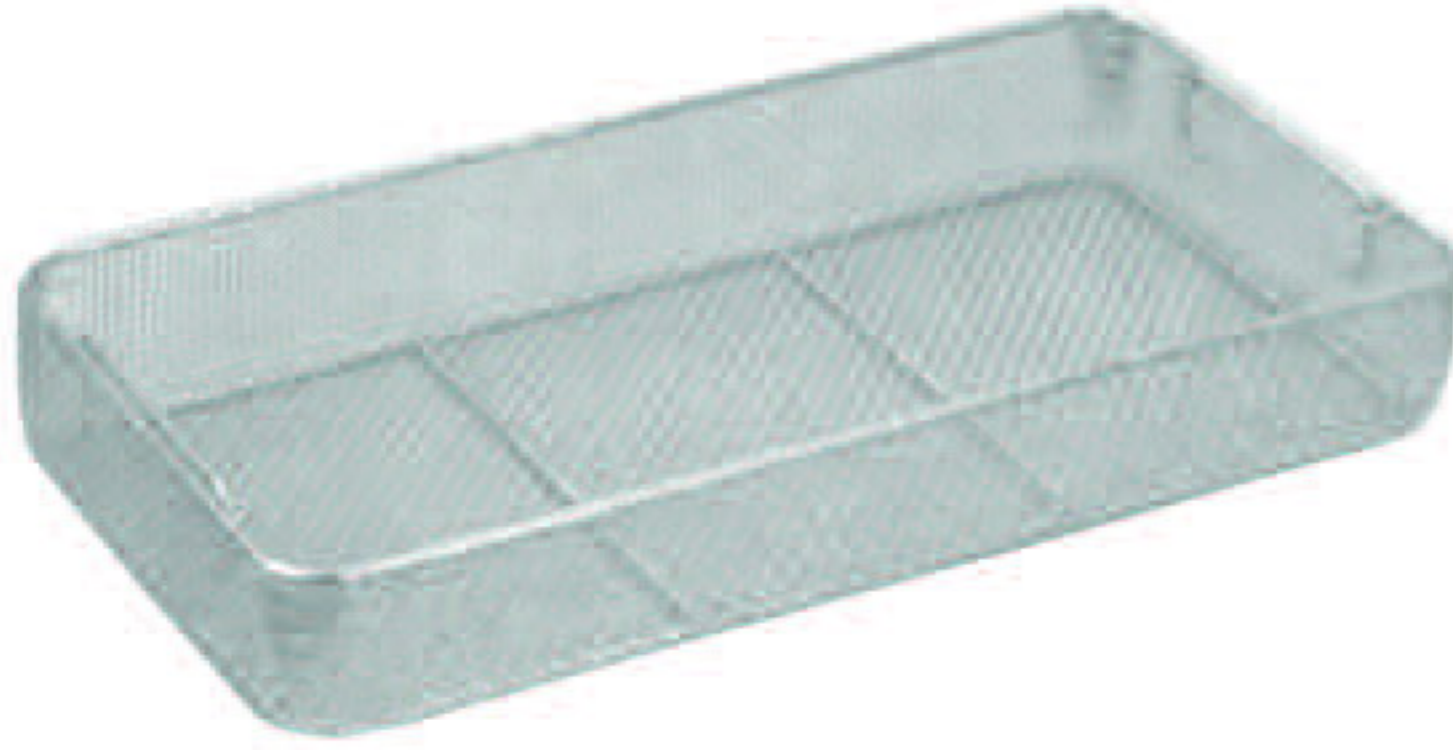
Kidney Tray

- 29-7021-01 12cm
- 29-7021-02 15cm
- 29-7021-03 18cm
- 29-7021-04 20cm
- 29-7021-05 25cm
- 29-7021-06 28cm
- 29-7021-07 30cm



Kidney Tray (with cover)

- 29-7022-01 15cm
- 29-7022-02 20cm
- 29-7022-03 25cm
- 29-7022-04 30cm



Wire Mesh Tray

29-7023-01	240x250x5mm
29-7023-02	480x250x5mm
29-7023-03	550x250x5mm
29-7023-04	240x250x7mm
29-7023-05	480x250x7mm
29-7023-06	240x250x10mm
29-7023-07	480x250x10mm

Wire Mesh Tray with Lid

29-7024-01	240x250x5mm
29-7024-02	480x250x5mm
29-7024-03	550x250x5mm
29-7024-04	240x250x7mm
29-7024-05	480x250x7mm
29-7024-06	240x250x10mm
29-7024-07	480x250x10mm



Perforated Tray

29-7025-01	200x100x40mm
29-7025-02	250x120x50mm
29-7025-03	300x150x50mm
29-7025-04	350x170x50mm
29-7025-05	400x200x50mm

Instruments Tray without Lid

29-7026-01	100x150x25mm
29-7026-02	150x200x40mm
29-7026-03	200x250x45mm
29-7026-04	250x300x50mm
29-7026-05	300x350x50mm
29-7026-06	150x300x50mm
29-7026-07	200x300x50mm
29-7026-08	230x150x50mm

Instruments Tray with Lid

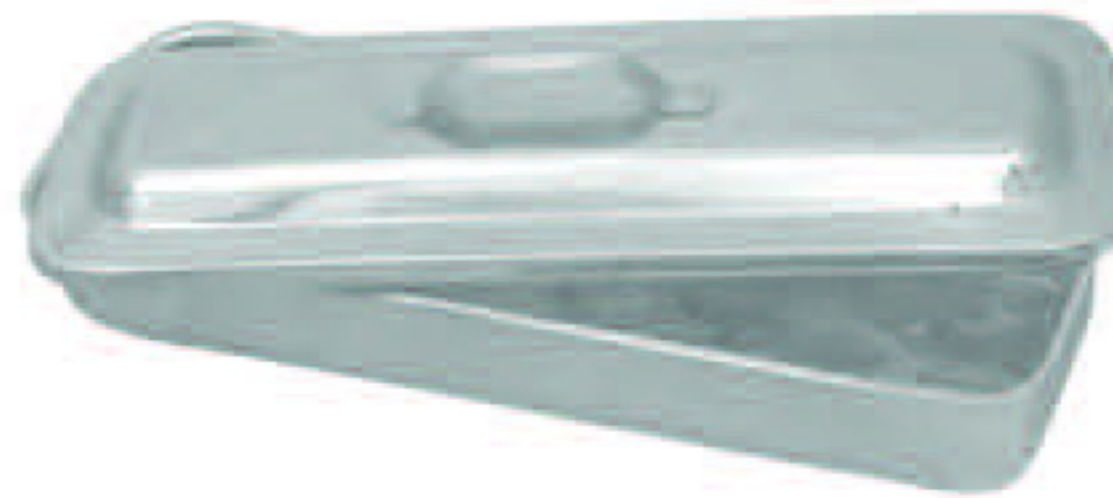
29-7027-01	100x150x25mm
29-7027-02	150x200x40mm
29-7027-03	200x250x45mm
29-7027-04	250x300x50mm
29-7027-05	300x350x50mm
29-7027-06	150x300x50mm
29-7027-07	200x300x50mm
29-7027-08	230x150x50mm

- EN Instruments Tray, Instruments Boxes
- DE Instrumente Tray, Instrumente Boxen
- ES Bandeja instrumentos, Instrumentos Cajas
- FR Forceps Grasping
- IT Plateau à instruments, boîtes à instruments

HOLLOWWARE



Burr Tray
29-7028-01
190x100x20mm



Cathetes Tray with Lid
29-7029-01 300x80x40mm
29-7029-02 350x90x45mm
29-7029-03 400x100x50mm



Scaler Tray with cover
29-7030-01
200x100x16mm



Instruments Box with Hooks

- 29-7031-01 170x70x30mm
- 29-7031-02 180x80x40mm
- 29-7031-03 200x100x40mm
- 29-7031-04 230x120x50mm
- 29-7031-05 250x125x50mm
- 29-7031-06 300x150x50mm
- 29-7031-07 350x170x50mm
- 29-7031-08 400x200x90mm
- 29-7031-09 500x200x120mm



Instruments Box

- 29-7032-01 170x70x30mm
- 29-7032-02 180x80x40mm
- 29-7032-03 200x100x40mm
- 29-7032-04 230x120x50mm
- 29-7032-05 250x125x50mm
- 29-7032-06 300x150x50mm
- 29-7032-07 350x170x50mm
- 29-7032-08 400x200x90mm
- 29-7032-09 500x200x120mm



**Instruments Box
Perforated**

- 29-7033-01 200x100x40mm
- 29-7033-02 250x150x40mm
- 29-7033-03 300x150x40mm



Electric Sterilizer

- 29-7034-01 200x100x120mm
- 29-7034-02 250x120x140mm
- 29-7034-03 300x150x150mm
- 29-7034-04 350x170x170mm
- 29-7034-05 400x200x180mm
- 29-7034-06 450x230x190mm



Non Electric Sterilizer

- 29-7035-01 200x100x65mm
- 29-7035-02 250x125x65mm
- 29-7035-03 300x150x100mm
- 29-7035-04 350x170x65mm
- 29-7035-05 400x200x100mm

HOLLOWWARE



Electric Sterilizer
29-7036-01
280x125x65mm

- 29-7037-01 125x80mm
- 29-7037-02 125x120mm
- 29-7037-03 150x100mm
- 29-7037-04 150x150mm
- 29-7037-05 180x180mm
- 29-7037-06 190x140mm
- 29-7037-07 190x190mm
- 29-7037-08 200x200mm
- 29-7037-09 240x120mm
- 29-7037-10 240x240mm
- 29-7037-11 290x140mm
- 29-7037-12 290x240mm
- 29-7037-13 290x290mm
- 29-7037-14 340x160mm
- 29-7037-15 340x340mm
- 29-7037-16 390x150mm
- 29-7037-17 390x200mm
- 29-7037-18 390x290mm



Sterilizer Drum

EN	Bedpan
DE	Bettpfanne
ES	Calentador de cama
FR	Bassin
IT	Padella

HOLLOWWARE



Bedpan Hand Made
29-7038-01
Standard



Bedpan Hand Made
29-7039-01 Adult
29-7039-02 Child



Bedpan Hand Made
29-7040-01
Standard



Bedpan Simple
pressed body with handle
29-7042-01 Adult
29-7042-02 Child

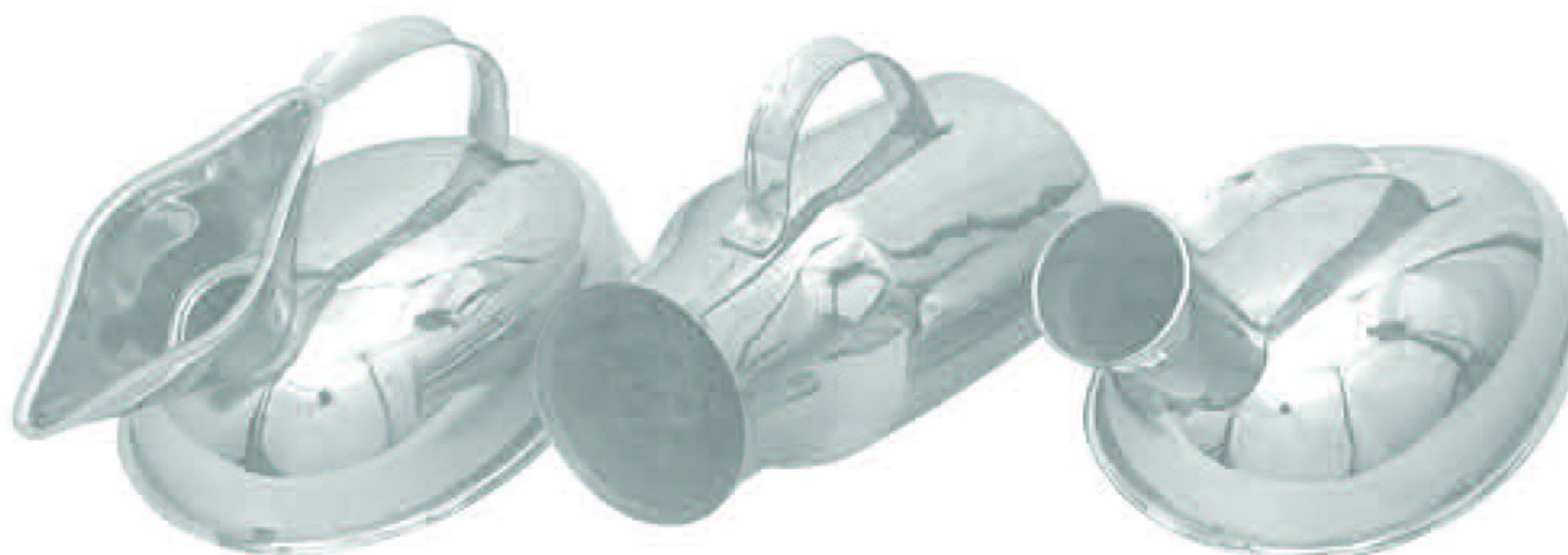


Bedpan Sleeper Type
29-7043-01 Adult
29-7043-02 Child



Bedpan Chamber Port
29-7044-01
Standard

Urinal, Bedpan, Bucket, Jug	EN
Pissoir, Bedpan, Eimer, Krug	DE
Urinario, Bedpan, Cubo, Jarro	ES
Urinoir, bassin de lit, seau, cruche	FR
Orinatoio, Padella, Secchio, Brocca	IT



Urinal Female
 29-7045-01
 Standard

Urinal Male Vertical
 29-7046-01
 Standard

Urinal Male
 29-7047-01
 Standard



Bedpan perfection type seamless
 29-7048-01
 350x300mm



Bedpan perfection type
 29-7049-01 370x290mm
 29-7049-02 320x240mm



Measuring Jug
 29-7050-01 0.5 Ltr
 29-7050-02 1.0 Ltr
 29-7050-03 1.5 Ltr
 29-7050-04 2.0 Ltr



Pail/Bucket with Lid
 29-7051-01 06 Ltr
 29-7052-02 10 Ltr
 29-7052-03 15 Ltr



Douch Can/Irrigator
 29-7052-01 1.0 Ltr
 29-7052-02 1.5 Ltr
 29-7052-03 2.0 Ltr