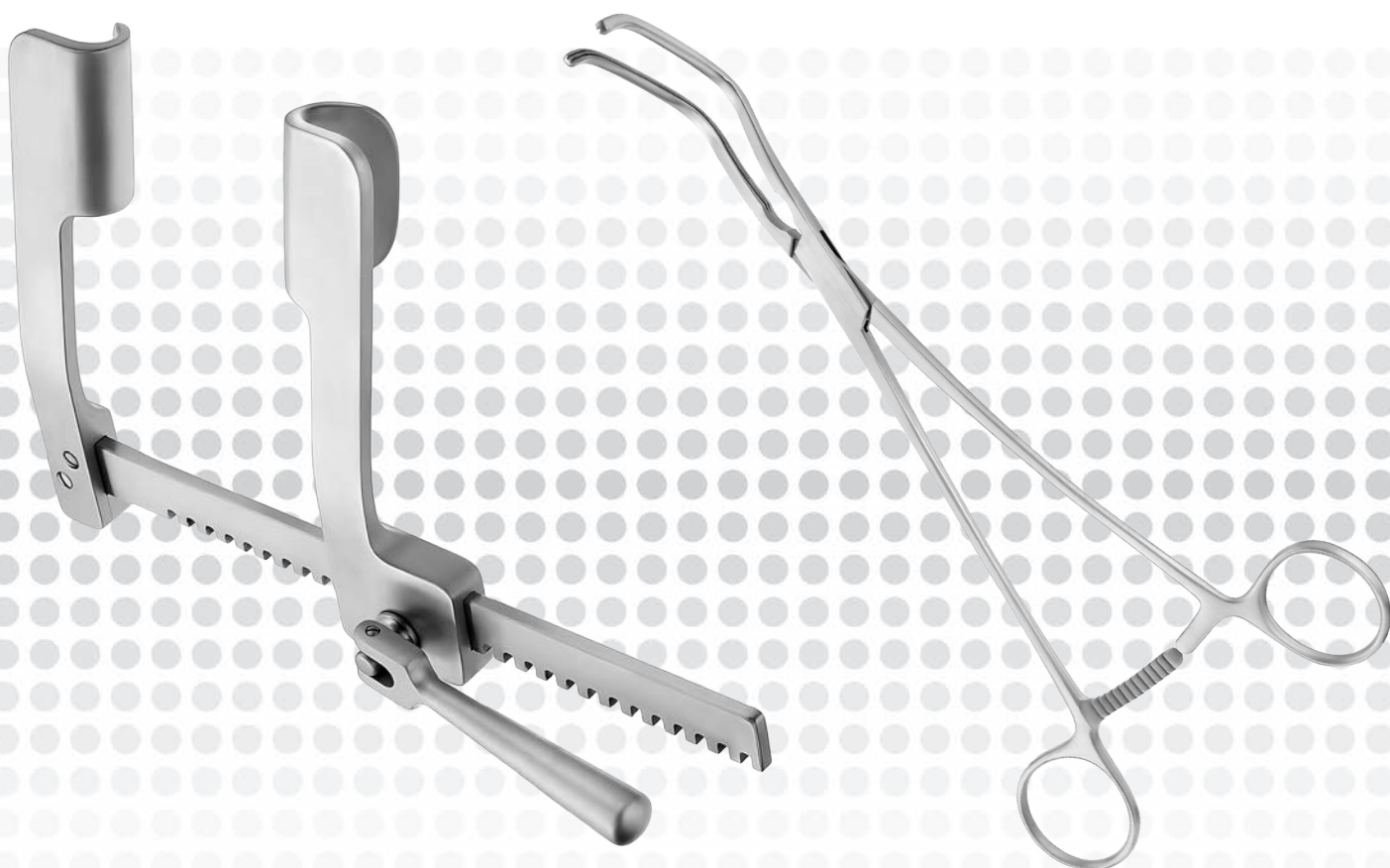




VASCULAR AND THORACIC SURGERY

GEFÄß- UND THORAXCHIRURGIE

CHIRURGIE VASCULAIRE ET THORACIQUE

CIRUGÍA VASCULAR Y TORÁCICA

CHIRURGIA VASCOLARE E TORACICA

ABOUT US

Amaax International has a history of two decades as a leading manufacturer of surgical instruments and exporting them to the quality conscious health care industry all over the world. Our commitment to excellence has allowed us to establish our customer bases in strategic and vital surgical hubs of the world.

Amaax International is known synonymous with high quality, efficient service and close correspondence with its customers. In addition to cost-effective products designed to meet the needs of your business, there are many other reasons to choose **Amaax** International.

Amaax International ist seit zwei Jahrzehnten ein führender Hersteller chirurgischer Instrumente und exportiert diese in die qualitätsbewusste Gesundheitsbranche weltweit. Unser Engagement für Spitzenleistungen hat es uns ermöglicht, einen Kundenstamm in strategisch wichtigen chirurgischen Zentren weltweit aufzubauen.

Amaax International steht für hohe Qualität, effizienten Service und enge Kundenkommunikation. Neben kostengünstigen Produkten, die auf die Bedürfnisse Ihres Unternehmens zugeschnitten sind, gibt es viele weitere Gründe, sich für **Amaax** International zu entscheiden.

Amaax International est depuis deux décennies un fabricant leader d'instruments chirurgicaux, exportant ses produits vers le secteur de la santé, soucieux de la qualité, partout dans le monde. Notre engagement envers l'excellence nous a permis d'établir une clientèle dans des centres chirurgicaux stratégiques et vitaux à travers le monde.

Amaax International est synonyme de haute qualité, d'efficacité du service et de proximité avec ses clients. Outre des produits économiques conçus pour répondre aux besoins de votre entreprise, il existe de nombreuses autres raisons de choisir **Amaax** International.

Amaax International cuenta con dos décadas de experiencia como fabricante líder de instrumental quirúrgico y lo exporta a la industria sanitaria, comprometida con la calidad, en todo el mundo. Nuestro compromiso con la excelencia nos ha permitido establecer una base de clientes en centros quirúrgicos estratégicos y vitales a nivel mundial.

Amaax International es sinónimo de alta calidad, servicio eficiente y una estrecha relación con sus clientes. Además de productos rentables diseñados para satisfacer las necesidades de su negocio, existen muchas otras razones para elegir **Amaax** International.

Amaax International vanta una storia ventennale come produttore leader di strumenti chirurgici e li esporta in tutto il mondo, in un settore sanitario attento alla qualità. Il nostro impegno per l'eccellenza ci ha permesso di consolidare la nostra base clienti in centri chirurgici strategici e vitali in tutto il mondo.

Amaax International è sinonimo di alta qualità, servizio efficiente e stretta collaborazione con i propri clienti. Oltre a prodotti convenienti progettati per soddisfare le esigenze della vostra attività, ci sono molti altri motivi per scegliere **Amaax** International.



01



SUCTION TUBES

SAUGROHRE
TUBES D'ASPIRATION
TUBOS DE ASPIRACIÓN
TUBI D'ASPIRAZIONE

page 1-8

02



SCALPELS

SKALPELLE
BISTOURIS
BISTURÍS
BISTURI

page 9-16

03



SCISSORS

SCHEREN
CISEAUX
TIJERAS
FORBICI

page 17-45

04



FORCEPS AND CLAMPS

PINZETTEN & KLEMMEN
PINCES ET CLAMPS
PINZAS Y CLAMPS
PINZE E CLAMPS

page 46-196

05



RETRACTORS

WUNDHAKEN
ÉCARTEURS
SEPARADORES
DIVARICATORI

page 197-241

06

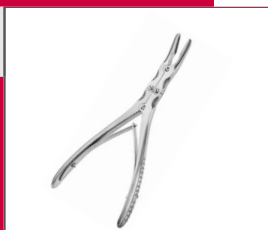


NEEDLE HOLDERS

NADELHALTER
PORTE-AIGUILLES
PORTA-AGUJAS
PORT'AGHI

page 242-259

07



ORTHOPAEDICS

ORTHOPÄDIE
CHIRURGIE OSSEUSE
CIRUGÍA ÓSEA
CHIRURGIA OSSEA

page 260-293

08



RIB SPREADERS

RIPPENSPERRER
ECARTEURS POUR COSTAUX
SEPARADORES COSTALES
DIVARICATORI COSTALI

page 294-321

09



PROBES, DILATORS

SONDEN, DILATOREN
SONDES, DILATATEURS
SONDAS, DILATADORES
SONDA, DILATATORI

page 322-339

01

SUCTION TUBES

SAUGROHRE

TUBES D'ASPIRATION

TUBOS DE ASPIRACIÓN

TUBI D'ASPIRAZIONE

Suction Tubes

Saugrohre
Tubes d'aspiration
Tubos de aspiración
Tubi d'aspirazione

01

SUCTION TUBES

Ø 10 mm
30 Fr.



POOLE
23 cm/8¾"

104-130-10

Ø 5.5 mm
16-17 Fr.



BABY-POOLE
20 cm/10"

104-140-06

Ø 8 mm
23-24 Fr.



POOLE
23 cm/8¾"

104-140-08

Total length	Working length
Länge	Nutzlänge
Longueur	Longueur utile
Largura	Largura útil
Lunghezza	Lunghezza utile



Ø 3.2 mm

Ø 5 mm

D'AMICO			
45 cm/17¾"	32 cm/12½"	104-182-01	104-182-02

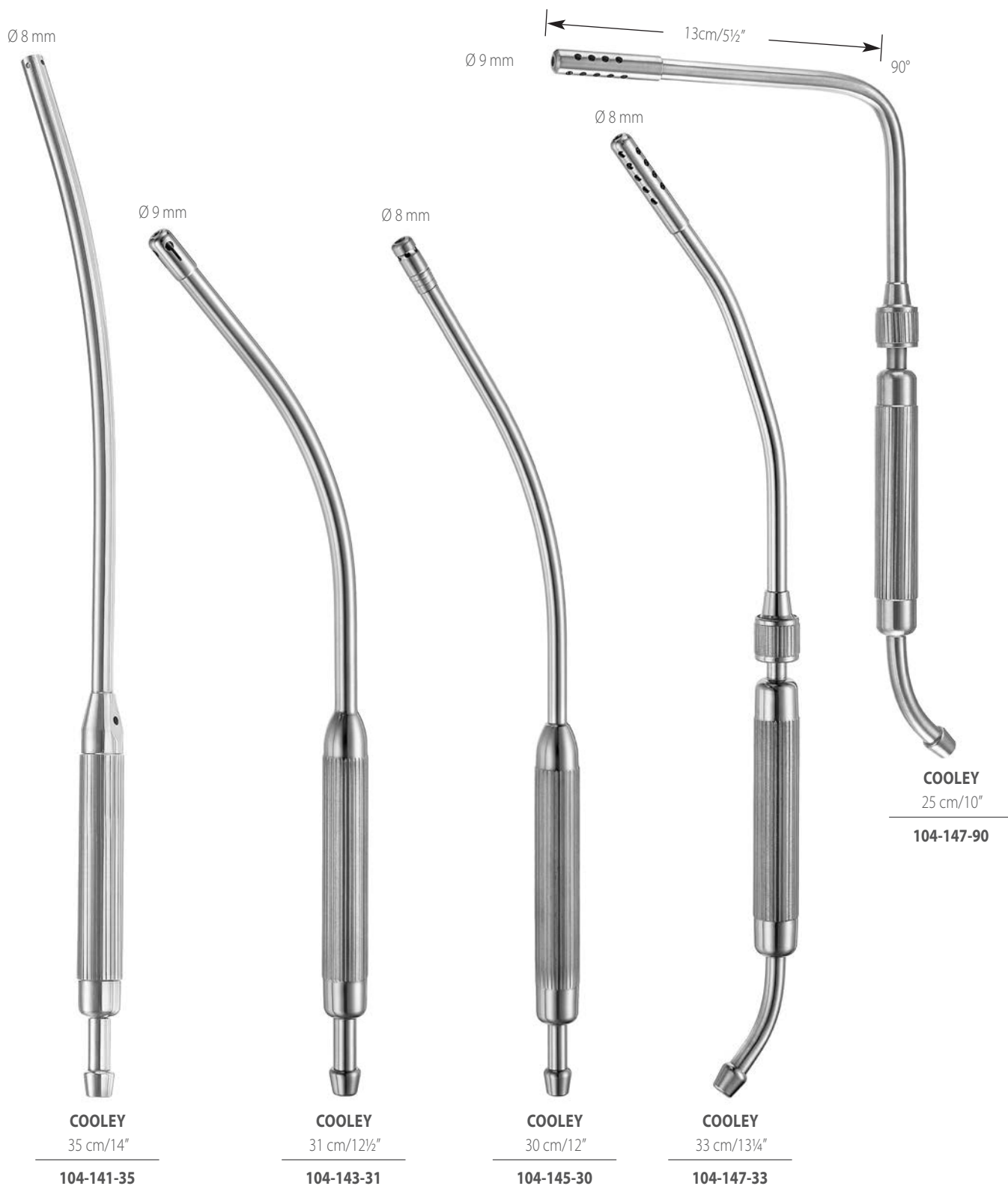
WOLF			
31 cm/12¼"	17 cm/6¾"	104-184-02	104-184-03
36 cm/14¼"	22 cm/8¾"	104-184-00	104-184-01



WOLF



D'AMICO



Suction Tubes

Saugrohre
Tubes d'aspiration
Tubos de aspiración
Tubi d'aspirazione

01

SUCTION TUBES

Suction tip

Saugspitze
Pointe de suction
Cabezal para aspiración
Punta per aspirazione

104-150-98



YANKAUER-BABY

22 cm/8¾"

104-150-22

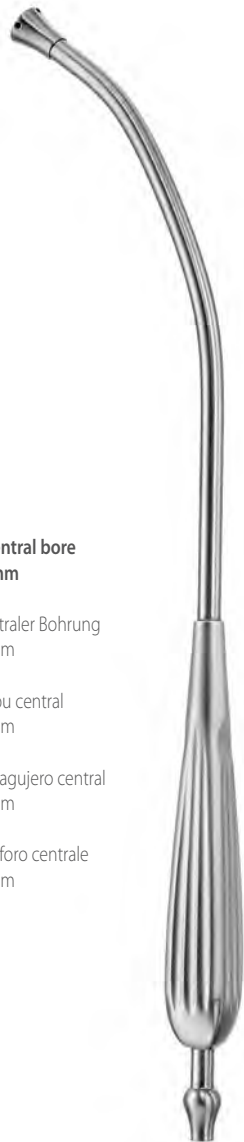
with central bore
Ø 2.0 mm

mit zentraler Bohrung
Ø 2.0 mm

avec trou central
Ø 2.0 mm

con un agujero central
Ø 2.0 mm

con un foro centrale
Ø 2.0 mm



YANKAUER

28.5cm/11¼"

104-149-27

complete with suction tip
and connector

komplett mit Saugspitze
und Schlaucholive

complet avec pointe de
suction et raccord

completo con punta de
succión y conector

completo con punte d'as-
pirazione e raccordo



YANKAUER

27 cm/10¼"

104-150-27



WALTON YANKAUER

ø 10 mm (30 Charr.)

33 cm/13"

104-152-33

with stopcock and
tube to be screwed off

mit Absperrventil und
abschraubbarem Rohr

avec robinet et canule
extérieure démontable

con interruptor y tubo
desenroscable

con interruttore e tubo
svitabile

Olive
Schlaucholive
Olive
Oliva
Oliva

104-150-99

Suction and irrigation cannulas

Saug- und Spülkanülen

Canules d'aspiration et d'irrigation

Cánulas para aspiración e irrigación

Canula per aspirazione e irrigazione

Suction cannulas
with finger cut-offSaugkanülen mit
UnterbrecherCanules d'aspiration
avec interrupteur à doigtCánulas para aspiración
con interruptorCanula per aspirazione con
interruttore

Ø 5 mm



Ø 9 mm

DE BAKEY

16 cm/6¼"	104-154-16
26 cm/10¼"	104-154-26

Ø 6 mm



ANDREWS-PYNCHON

24 cm/9½"

104-153-24

DE BAKEY

28 cm/11"

104-154-27

Ø 7 mm

FINSTERER

32 cm/12½"

104-158-00

Ø 5 mm



BRAUN-RALPH

31 cm/12¼"

104-181-31

Suction Tubes

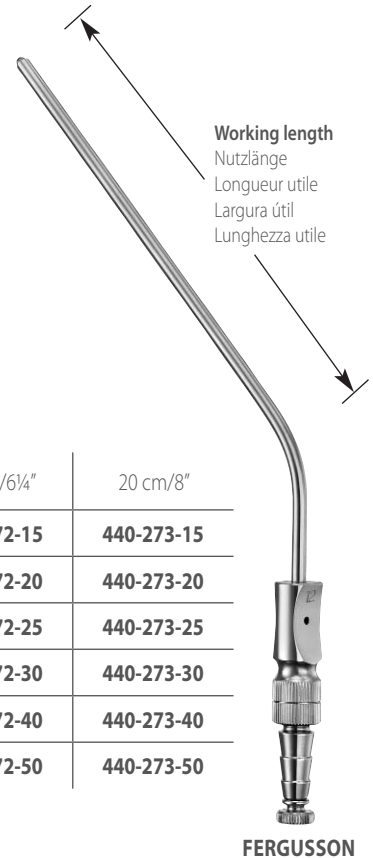
Saugrohre
Tubes d'aspiration
Tubos de aspiración
Tubi d'aspirazione

01

SUCTION TUBES



Ø mm	F.G. Charr.	11 cm/4¼"	13 cm/5"	16 cm/6¼"	20 cm/8"
ø 1.5 mm	4 - 5	440-270-15	440-271-15	440-272-15	440-273-15
ø 2.0 mm	6	440-270-20	440-271-20	440-272-20	440-273-20
ø 2.5 mm	7 - 8	440-270-25	440-271-25	440-272-25	440-273-25
ø 3.0 mm	9	440-270-30	440-271-30	440-272-30	440-273-30
ø 4.0 mm	12	440-270-40	440-271-40	440-272-40	440-273-40
ø 5.0 mm	15	440-270-50	440-271-50	440-272-50	440-273-50



Suction Cannulae with finger cut-off and stylet

Saugkanülen mit Unterbrecher und Mandrin
Canules d'aspiration avec interrupteur à doigt
Cánulas para aspiración con interruptor y estilete
Cannule per aspirazione con interruttore e stiletto



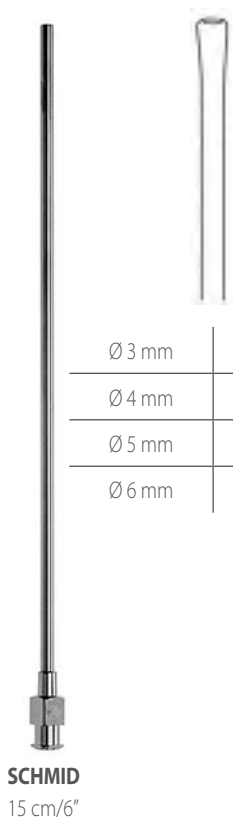
F.G. Charr.	Ø mm	30°	75°
6	2.0	440-295-06	440-297-06
7	2.3	440-295-07	440-297-07
8	2.7	440-295-08	440-297-08
9	3.0	440-295-09	440-297-09
10	3.3	440-295-10	440-297-10
11	3.7	440-295-11	440-297-11
12	4.0	440-295-12	440-297-12
15	5.0	440-295-15	440-297-15



Vascular irrigation cannulas
malleable, silver plated, LUER-LOCK connection

Gefäßspülkanülen

biegsam, versilbert, mit LUER-Lock Ansatz

Aiguilles vasculaires pour irrigation, malléables,
argentées, avec cône LUER-LOCKCánulas vasculares para irrigación, maleables,
plateadas, con conexión LUER-LOCKCannule vascolari per irrigazione, malleabile,
argentées, attacco LUER-LOCK

Ø 3 mm	322-220-03
Ø 4 mm	322-220-04
Ø 5 mm	322-220-05
Ø 6 mm	322-220-06

Vein cannulas

Venenkanülen

Canules veineuses

Cánulas para venas

Cannule per vene

**Button end with tube connector**

Knopfende mit Schlaucholive

Aboutonné avec connection pour tubes

Abotonado con conexión para tubos a

Bottone con raccordo per tubi

1.2 x 80 mm	322-225-12
1.5 x 80 mm	322-225-15

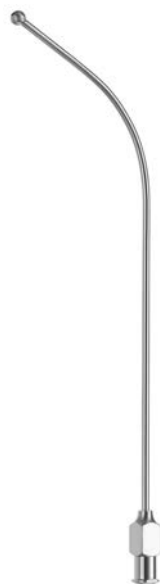
Heparin flushing needle, LUER-LOCK connection

Heparinnadel, LUER-Lock Ansatz

Aiguille pour héparine, cône LUER-LOCK

Aguja para heparina, conexión LUER-LOCK

Ago per eparina, raccordo LUER-LOCK

**MOCK-DEBAKEY****DEBAKEY****Heparin injector, LUER-LOCK connection**

Heparininjektor, LUER-Lock Ansatz

Injecteur pour héparine, cône LUER-LOCK

Injector para heparina, conexión LUER-LOCK

Iniettore per eparina, raccordo LUER-LOCK

**GARRETT**

1.5 x 53 mm	322-370-15	I.M.A.
2.0 x 45 mm	322-370-02	
3.0 x 45 mm	322-370-03	
3.0 x 65 mm	322-372-06	MOCK
3.7 x 54 mm	322-370-37	
4.0 x 63 mm	322-370-04	ZANGER
5.0 x 160 mm	322-370-05	

4.0 x 150 mm	322-373-04
--------------	-------------------

8.0 x 109 mm	322-375-08
15.0 x 120 mm	322-375-12



OCHSNER
14.5 cm/5¾"

Trocars Trokare Trocarts Trócares Tre quarti	for catheters für Katheter pour cathétèrs para catéteres per cateteri	
10 Charr.	6 Charr.	322-150-10
12 Charr.	8 Charr.	322-150-12
14 Charr.	10 Charr.	322-150-14
16 Charr.	12 Charr.	322-150-16
17 Charr.		322-150-17
18 Charr.	14 Charr.	322-150-18
20 Charr.	16 Charr.	322-150-20
22 Charr.	18 Charr.	322-150-22
24 Charr.	20 Charr.	322-150-24
28 Charr.		322-150-28



NELSON
21 cm/8¼"

Outer Ø Außen-Ø Ø extérieur Ø exterior Ø esterno	Inner Ø Innen-Ø Ø intérieur Ø interior Ø interno	
8.3 mm/25 Charr.	7.3 Charr.	322-170-25
10 mm/30 Charr.	9.0 Charr.	322-170-30
11 mm/33 Charr.	12 Charr.	322-170-33
11.7 mm/35 Charr.	10.7 Charr.	322-170-35

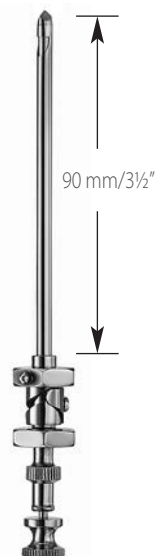
Pleural biopsy needle, LUER-LOCK connection

Pleurabiopsie-Nadel, mit LUER-Lock Ansatz

Aiguille de biopsie pleurale, avec cône LUER-LOCK

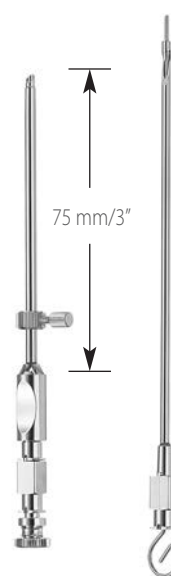
Aguja de biopsia pleural, con conexión LUER-LOCK

Ago per biopsia pleurica, attacco LUER-LOCK



ABRAMS
ø 4 mm (8 G)
14 cm/5½"

322-260-00



COPE
ø 3 mm (11 G)

322-264-00

02

SCALPELS

SKALPELLE

BISTOURIS

BISTURÍS

BISTURI

Scalpel Handles for scalpel blades fig. 10, 11, 12, 13, 15

Skalpellgriffe, passend für auswechselbare Skalpellklingen Fig. 10, 11, 12, 13, 15

Manches pour bistouris, allant avec les lames de bistouris interchangeables fig. 10, 11, 12, 13, 15

Mangos de bisturí para hojas intercambiables fig. 10, 11, 12, 13, 15

Manici per bisturi, per fissare le lame intercambiabili fig. 10, 11, 12, 13, 15

**Fig.
3**
solid, cm-graduation

 massiv, mit Zentimeter Graduierung
 solide, gradué en cm
 macizo, graduado en cm
 pieno, graduato in cm

Fig. 3
 12 cm/4 3/4"

106-103-00


Fig. 3
 12 cm/4 3/4"

106-103-01


Fig. 3 L
 21.5 cm/8 1/2"

106-103-02


Fig. 3 L
 21.5 cm/8 1/2"

106-103-06


angled, long
 abgewinkelt, lang
 coudé, long
 angulado, largo
 angolare, lungo

Fig. 3 R
 14.5 cm/5 3/4"

106-103-03

round
 rund
 rond
 redondo
 rotondo

round, angled
 rund, abgewinkelt
 rond, coudé
 redondo, angulado
 rotondo, angolare

Fig. 3 R
 14.5 cm/5 3/4"

106-103-33

Scalpel Handles for scalpel blades fig. 10, 11, 12, 13, 15

Skalpellgriffe, passend für auswechselbare Skalpellklingen Fig. 10, 11, 12, 13, 15

Manches pour bistouris, allant avec les lames de bistouris interchangeables fig. 10, 11, 12, 13, 15

Mangos de bisturí para hojas intercambiables fig. 10, 11, 12, 13, 15

Manici per bisturi, per fissare le lame intercambiabili fig. 10, 11, 12, 13, 15

Fig.
3



No. 5

16 cm/6 1/4"

106-105-00



No. 5

21.5 cm/8 1/2"

106-106-00



No. 5

21 cm/8 1/4"

106-106-01



angled
 abgewinkelt
 coudé
 angulado
 angolare

Scalpel Handles for scalpel blades fig. 10, 11, 12, 13, 15

Skalpellgriffe, passend für auswechselbare Skalpellklingen Fig. 10, 11, 12, 13, 15

Manches pour bistouris, allant avec les lames de bistouris interchangeables fig. 10, 11, 12, 13, 15

Mangos de bisturí para hojas intercambiables fig. 10, 11, 12, 13, 15

Manici per bisturi, per fissare le lame intercambiabili fig. 10, 11, 12, 13, 15

**Fig.
3**


Fig. 7
16 cm/6 1/4"
106-107-00



Fig. 7 K
12.5 cm/5"
106-107-01



Fig. 7 L
22 cm/8 3/4"
106-107-02



21 cm/8 1/4"
106-109-00

Scalpel Handles for scalpel blades fig. 18, 19, 20, 21, 22, 23, 24, 25, 34, 36

Skalpellsgriffe, passend für auswechselbare Skalpellsklingen Fig. 18, 19, 20, 21, 22, 23, 24, 25, 34, 36

Manches pour bistouris, allant avec les lames de bistouris interchangeables fig. 18, 19, 20, 21, 22, 23, 24, 25, 34, 36

Mangos de bisturí para hojas intercambiables fig. 18, 19, 20, 21, 22, 23, 24, 25, 34, 36

Manici per bisturi, per fissare le lame intercambiabili fig. 18, 19, 20, 21, 22, 23, 24, 25, 34, 36

**Fig.
4**


Fig. 4
13.5 cm/5 1/4"
106-104-00

cm-graduation
mit Zentimeter-Graduierung
gradué en cm
graduado en cm
graduato in cm



Fig. 4
13.5 cm/5 1/4"
106-104-01



Fig. 4 L
21 cm/8 1/4"
106-104-02

long
lang
long
largo
lungo



Fig. 4 L
21 cm/8 1/4"
106-104-06

angled, long
abgewinkelt, lang
coudé, long
angulado, largo
angolaro, lungo

in packages of 100 pieces

In Packungen à 100 Stück
 en boîtes de 100 pieces
 en cajas de 100 c/u
 in scatole di 100 pezzi

**Fig.
3**

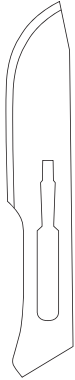


Fig-10

106-110-00

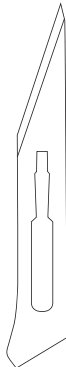


Fig-11

106-111-00

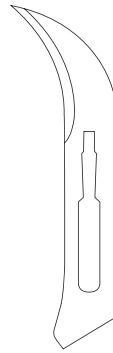


Fig-12

106-112-00

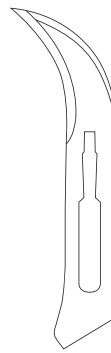


Fig-12 d

106-112-02

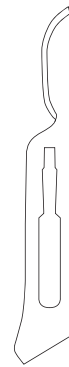


Fig-15

106-115-00

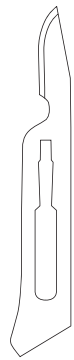


Fig-15 c

106-115-01

**Fig.
4**



Fig-18

106-118-00

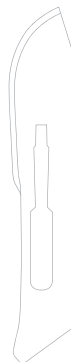


Fig-19

106-119-00

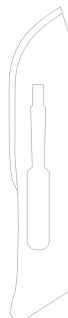


Fig-20

106-120-00

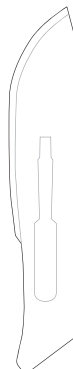


Fig-21

106-121-00

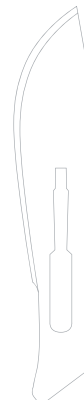


Fig-22

106-122-00



Fig-23

106-123-00



Fig-24

106-124-00



Fig-25

106-125-00



Fig-34

106-134-00



Fig-36

106-136-00



Fig-36 d

106-136-02

Scalpel Blade Remover
 Skalpellklingen-Entferner
 Enlève-lame
 Quita hojas
 Distributore lame



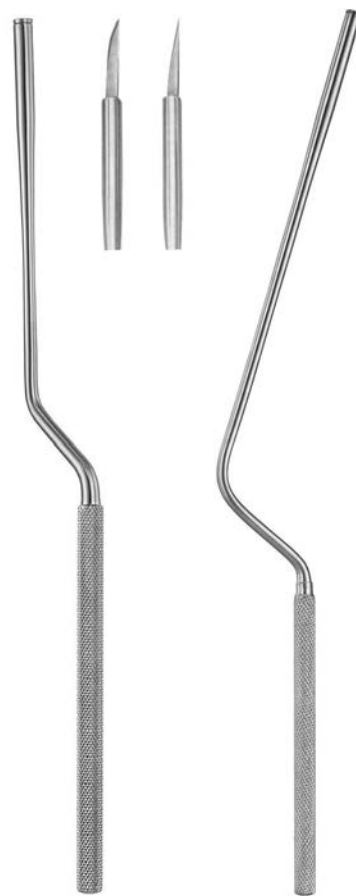
106-199-00



No. 3K	10 cm/4"	106-302-10
No. 3KL	13 cm/5"	106-302-13
No. 3KXL	15.5 cm/6"	106-302-15



CASPAR	15.5 cm/6"	106-304-15
	18cm/7"	106-306-18
	20cm/8"	106-308-20

**LANDOLT**

21 cm/8¼"	25 cm/10"
440-858-21	440-857-25

in packages of 10 ea, sterile

In Packungen à 10 Stück, steril
 en boîtes de 10 pièces, stériles
 en cajas de 10 c/u, estériles
 in scatole di 10 pezzi, sterili

**Fig. 61****440-859-01****Fig. 62****440-859-02****Fig. 64****440-859-04****Fig. 65****440-859-05****Fig. 67****440-859-07****Fig. 69****440-859-09**



BAILEY

straight
gerade
droit
recta
diritto

656-298-00

25° downwards
25° nach unten
25° vers le bas
25° hacia abajo
25° in basso

656-298-02

70° downwards
70° nach unten
70° vers le bas
70° hacia abajo
70° in basso

656-298-04

90° right downwards
90° nach rechts unten
90° vers le bas à droite
90° hacia derecha abajo
90° in destra basso

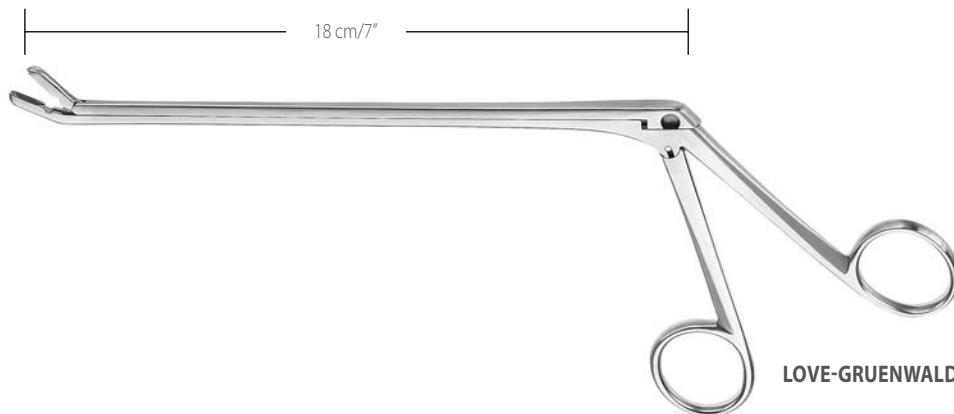
656-298-06

45° left side cutting
45° nach links schneidend
45° coupe à gauche
45° cortante hacia izquierda
45° tagliente a sinistra

656-298-08

45° right side cutting
45° nach rechts schneidend
45° coupe à droite
45° cortante hacia derecha
45° tagliente a destra

656-298-10



LOVE-GRUENWALD

3 x 10 mm



straight
gerade
droit
recta
diritto

440-432-01

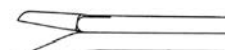
3 x 10 mm



upwards
nach oben
vers le haut
hacia arriba
in alto

440-432-02

3 x 10 mm



downwards
nach unten
vers le bas
hacia abajo
in basso

440-432-03

03

SCISSORS

SCHEREN

CISEAUX

TIJERAS

FORBICI

TC Cutting Edges

TC-Schneiden

Tranchant TC

Filos de corte TC

Taglio TC



	blunt / blunt		sharp / blunt		sharp / sharp	
10.5 cm/4¼"	108-102-10		108-110-10		108-120-10	
11.5 cm/4½"	108-102-11		108-110-11		108-120-11	
13 cm/5"	108-102-13		108-110-13		108-120-13	
13 cm/5"			108-110-13L			
14.5 cm/5¾"	108-102-14	108-104-14	108-110-14	108-114-14	108-120-14	108-124-14
14.5 cm/5¾"			108-110-14L			
15.5 cm/6¼"	108-102-15		108-110-15		108-120-15	
16.5 cm/6½"	108-102-16	108-104-16	108-110-16	108-114-16	108-120-16	108-124-16
18.5 cm/7¼"	108-102-18	108-104-18	108-110-18	108-114-18	108-120-18	108-124-18
20 cm/8"	108-102-20		108-110-20		108-120-20	
30.0 cm 12"	108-102-30		108-110-30		108-120-30	



	blunt / blunt		sharp / blunt		sharp / sharp	
10.5 cm/4¼"	108-103-10		108-111-10		108-121-10	
11.5 cm/4½"	108-103-11		108-111-11		108-121-11	
13 cm/5"	108-103-13		108-111-13		108-121-13	
13 cm/5"			108-111-13L			
14.5 cm/5¾"	108-103-14	108-105-14	108-111-14	108-115-14	108-121-14	108-125-14
14.5 cm/5¾"			108-111-14L			
15.5 cm/6¼"	108-103-15		108-111-15		108-121-15	
16.5 cm/6½"	108-103-16	108-105-16	108-111-16	108-115-16	108-121-16	108-125-16
18.5 cm/7¼"	108-103-18	108-105-18	108-111-18	108-115-18	108-121-18	108-125-18
20 cm/8"	108-103-20		108-111-20		108-121-20	
30.0 cm 12"	108-103-30		108-111-30		108-121-30	

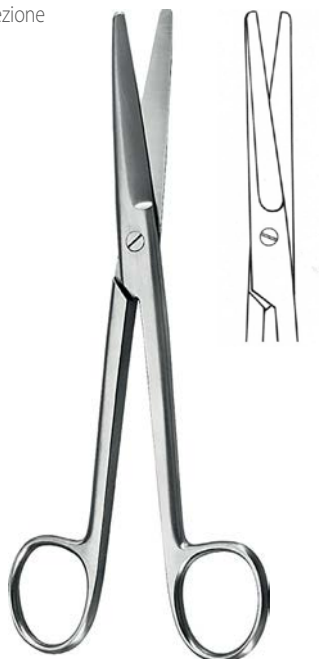
Dissecting Scissors

Präparierscheren

Ciseaux à dissection

Tijeras de disección

Forbici per dissezione

**MAYO****TC Cutting Edges**

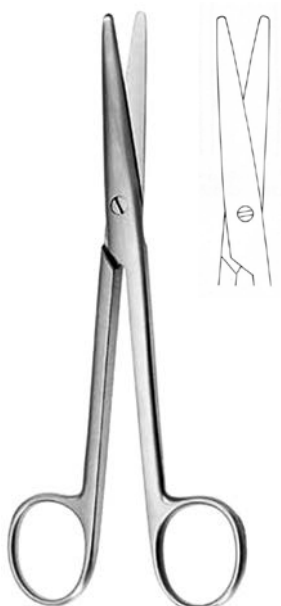
TC-Schneiden

Tranchant TC

Filos de corte TC

Taglio TC

	straight		curved	
14.5 cm 5¾"	108-160-14	108-164-14	108-161-14	108-165-14
14.5 cm 5¾"	108-160-14L		108-161-14L	
17.0 cm 6¾"	108-160-17	108-164-17	108-161-17	108-165-17
17.0 cm 6¾"	108-160-17L		108-161-17L	
19.0 cm 7½"	108-160-19		108-161-19	
23.0 cm 9"	108-160-23	108-164-23	108-161-23	108-165-23
28.0 cm 11"	108-160-28		108-161-28	

**MAYO-STILLE**

	blunt / blunt	
15 cm/6"	108-170-15	108-174-15
17.0 cm 6¾"	108-170-17	108-174-17

	curved	
15 cm/6"	108-171-15	108-175-15
17.0 cm 6¾"	108-171-17	108-175-17



LEXER

	straight	curved
16 cm/6¼"	108-190-16	108-191-16
16 cm/6¼"	108-194-16	108-195-16
21 cm/8¼"	108-190-21	108-191-21
21 cm/8¼"	108-194-21	108-195-21



LEXER-FINO
 16.5 cm/6½"

straight	curved
108-196-16	108-197-16



METZENBAUM

11.5 cm 4½"	108-210-11
15.5 cm/6"	108-210-15

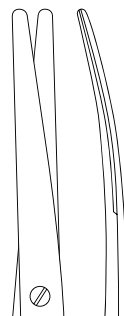
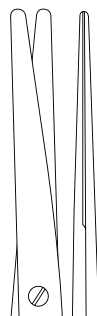


METZENBAUM

11.5 cm 4½"	108-211-11
15.5 cm/6"	108-211-15



METZENBAUM



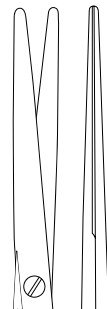
	straight		curved	
15 cm/6"	108-280-15	108-284-15	108-281-15	108-285-15
15 cm/6"	108-280-15L		108-281-15L	
18 cm/7"	108-280-18	108-284-18	108-281-18	108-285-18
18 cm/7"	108-280-18L		108-281-18L	
20 cm/8"	108-280-20	108-284-20	108-281-20	108-285-20
23 cm/9"	108-280-23	108-284-23	108-281-23	108-285-23
23 cm/9"	108-280-23L		108-281-23L	
25 cm/10"	108-280-25	108-284-25	108-281-25	108-285-25
28 cm/11"	108-280-28	108-284-28	108-281-28	108-285-28
30 cm/12"	108-280-30	108-284-30	108-281-30	108-285-30

TC Cutting Edges
 TC-Schneiden
 Tranchant TC
 Filos de corte TC
 Taglio TC



blunt/blunt
 stumpf/stumpf
 mousse/mousse
 romo/romo
 smusso/smusso

METZENBAUM-FINO

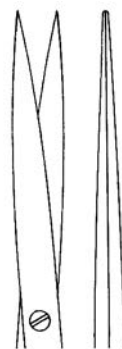


	straight		curved	
15 cm/6"	108-282-15	108-286-15	108-283-15	108-287-15
18 cm/7"	108-282-18	108-286-18	108-283-18	108-287-18
20 cm/8"	108-282-20	108-286-20	108-283-20	108-287-20
23 cm/9"	108-282-23	108-286-23	108-283-23	108-287-23
25 cm/10"	108-282-25	108-286-25	108-283-25	108-287-25
28 cm/11"	108-282-28	108-286-28	108-283-28	108-287-28

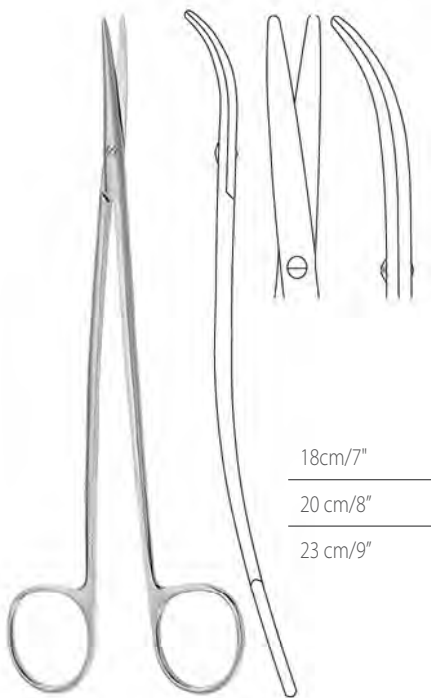


sharp/sharp
 spitz/spitz
 pointue/pointue
 aguda/aguda
 acuta/acuta

METZENBAUM-FINO



	straight		curved	
14 cm/5½"	108-292-14	108-296-14	108-293-14	108-297-14
18 cm/7"	108-292-18	108-296-18	108-293-18	108-297-18
20 cm/8"	108-292-20	108-296-20	108-293-20	108-297-20
23 cm/9"	108-292-23	108-296-23	108-293-23	108-297-23



METZENBAUM "S"

18cm/7"

108-291-18

108-295-18

20 cm/8"

108-291-20

23 cm/9"

108-291-23

108-295-18



METZENBAUM-NELSON

18 cm/7"

108-288-18

20 cm/8"

108-288-20

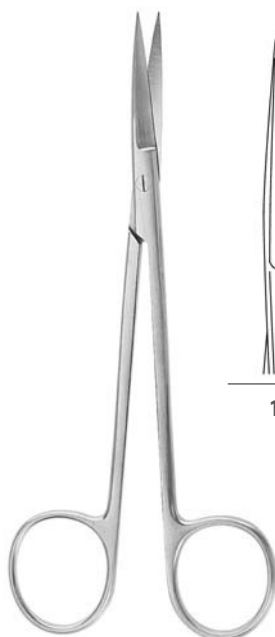
Plastic

Plastik

Plastique

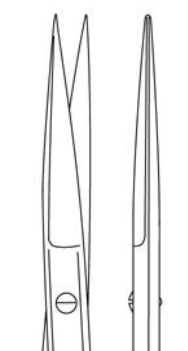
Plástica

Plastica

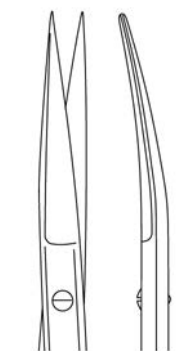


SANVENERO

14 cm/5½"



108-302-14

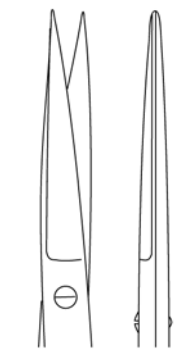


108-303-14

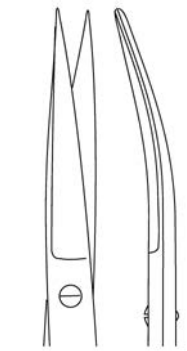


JOSEPH

14 cm/5½"



108-304-14



108-305-14

Plastic
Plastik
Plastique
Plástica
Plastica



KILNER

12 cm/4¾"	108-310-12
12 cm/4¾"	108-314-12
15 cm/6"	108-310-15
15 cm/6"	108-314-15



REYNOLDS

15 cm/6"	108-320-15	108-321-15
15 cm/6"	108-324-15	108-325-15
18 cm/7"		108-321-18



IRIS-Standard

	straight		curved	
9cm/3½"	108-240-09	108-344-09	108-241-09	108-345-09
10.5cm/4¼"	108-240-10	108-344-09	108-241-10	108-345-09
10.5cm/4¼"	108-240-10L		108-241-10L	
11.5cm/4½"	108-240-09	108-344-09	108-340-11	108-345-09
12.5cm/5"	108-240-09		108-341-12	

TC Cutting Edges

TC-Schneiden
Tranchant TC
Filos de corte TC
Taglio TC

**IRIS**

11.5 cm/4½"

108-351-11**IRIS**

11.5 cm/4½"

108-354-11**IRIS**

11.5 cm/4½"

108-353-11**PERWITZCHKY**

11.5 cm/4½"

108-470-11**PERWITZCHKY**

10 cm/4"

108-471-10

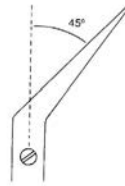


DEBAKEY



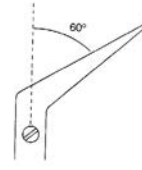
25°
19 cm/7½"

108-317-25



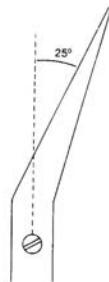
45°
18.5 cm/7¼"

108-317-45



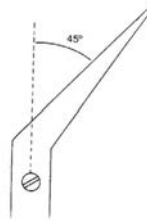
60°
18 cm/7"

108-317-60



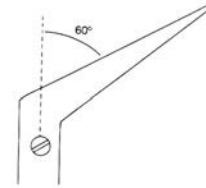
25°
23 cm/9"

108-319-25



45°
22.5 cm/9"

108-319-45



60°
22 cm/8¾"

108-319-60

25°
28 cm/11"

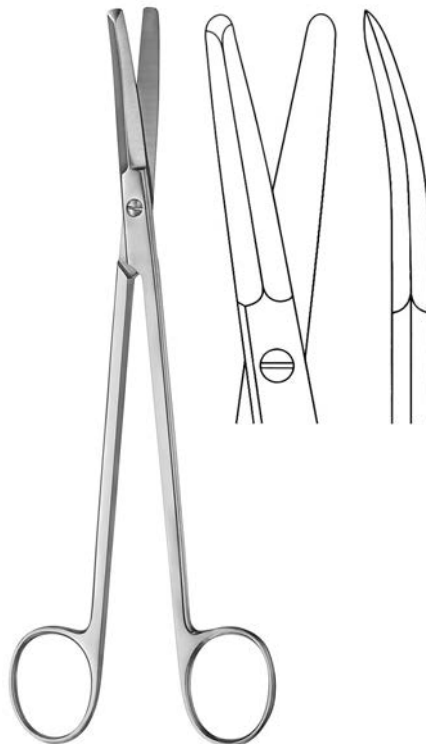
108-943-25

45°
27.5 cm/11"

108-943-45

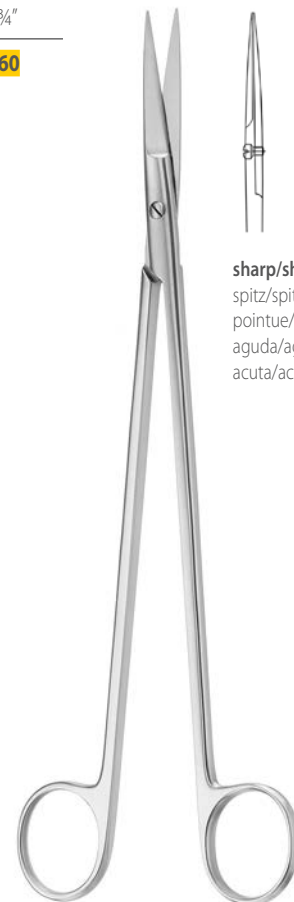
60°
27 cm/10¾"

108-943-60



POTTS SMITH
19 cm/7½"

108-467-19



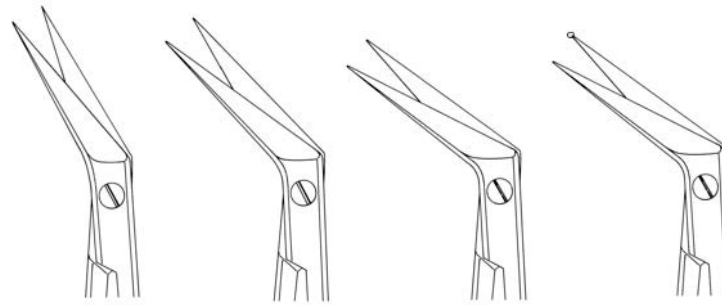
sharp/sharp
spitz/spitz
pointue/pointue
aguda/aguda
acuta/acuta

22.5 cm/9"

108-472-22



POTTS-SMITH
19 cm/7½"



25°	40°	60°	60°
108-480-25	108-480-40	108-480-60	108-480-61
108-484-25	108-484-40	108-484-60	

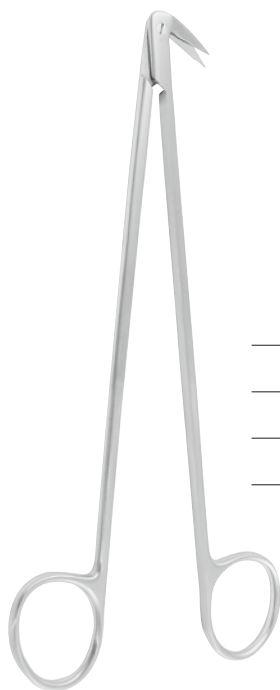
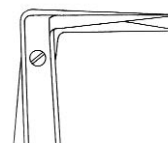
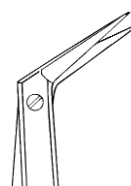
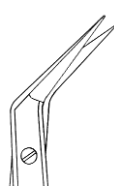
TC Cutting Edges

TC-Schneiden

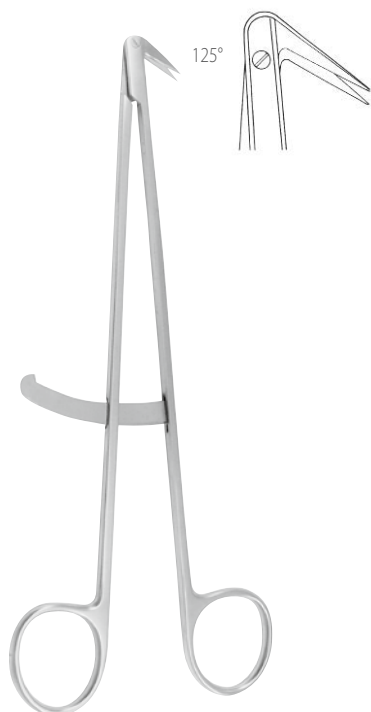
Tranchant TC

Filos de corte TC

Taglio TC

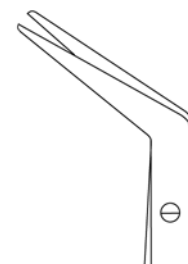

DIETRICH


		25°	45°	60°	90°	125°
	16 cm/6¼"	108-485-25	108-485-45	108-485-60	108-485-90	108-485-92
14 mm	18 cm/7"	108-486-25	108-486-45	108-486-60	108-486-90	108-487-25
10 mm	18 cm/7"	108-486-26	108-486-46	108-486-61	108-486-91	108-487-26
7 mm	18 cm/7"	108-486-27	108-486-47	108-486-62	108-486-92	108-487-27

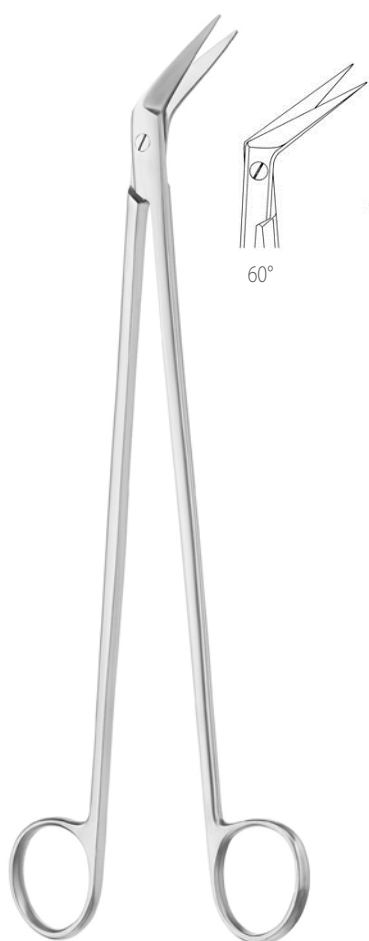

DIETRICH

18 cm/7"

108-488-25

DE BAKEY


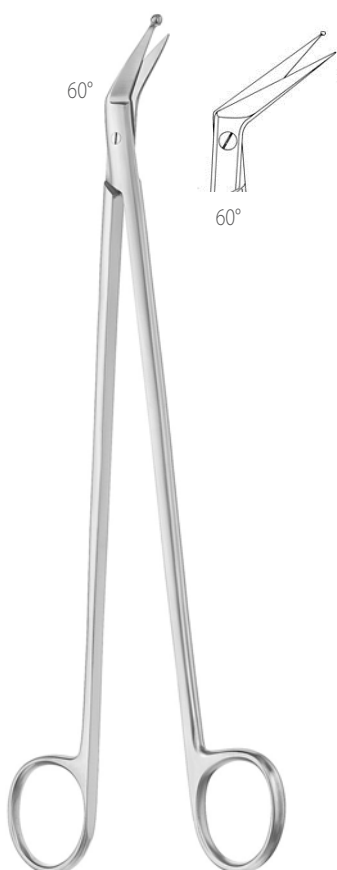
	25°	45°	60°
16 cm/6¼"	108-490-16	108-491-16	108-492-16
23 cm/9"	108-490-23	108-491-23	108-492-23
28 cm/11"	108-490-28	108-491-28	108-492-28

**POTTS-DE MARTEL**

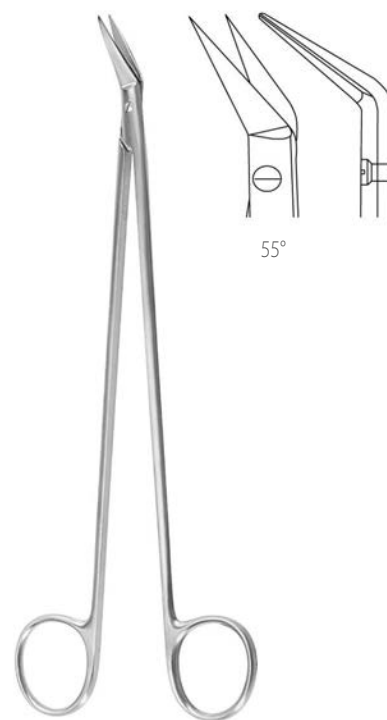
21 cm/8¼"

108-473-21

24 cm/9½"

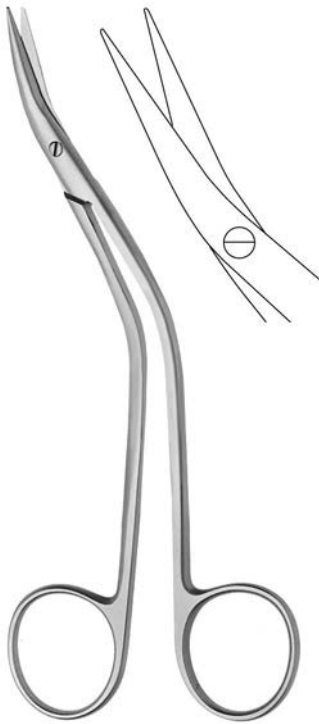
108-473-24**MILLS**

22 cm/8¾"

108-475-22**POTTS-SMITH**

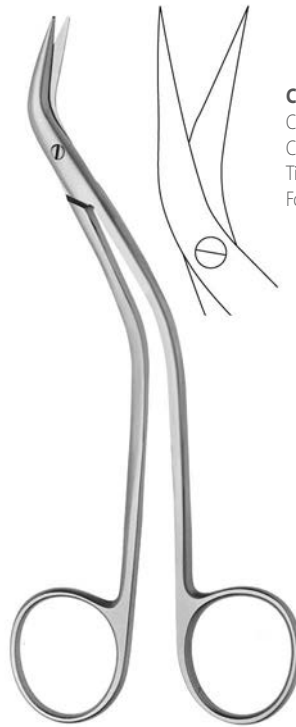
18 cm/7"

108-480-18



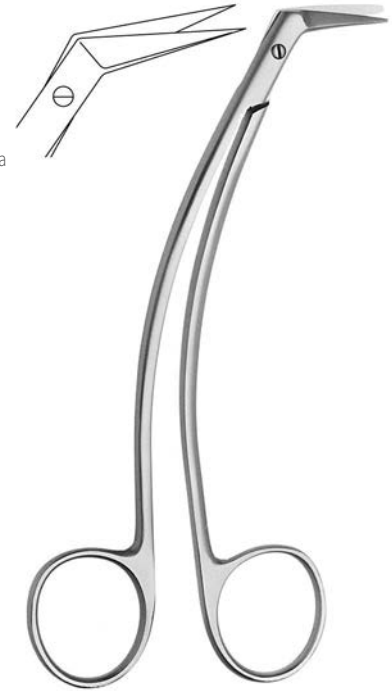
DE BAKEY
15.5 cm/6"

108-495-15



DE BAKEY
15.5 cm/6"

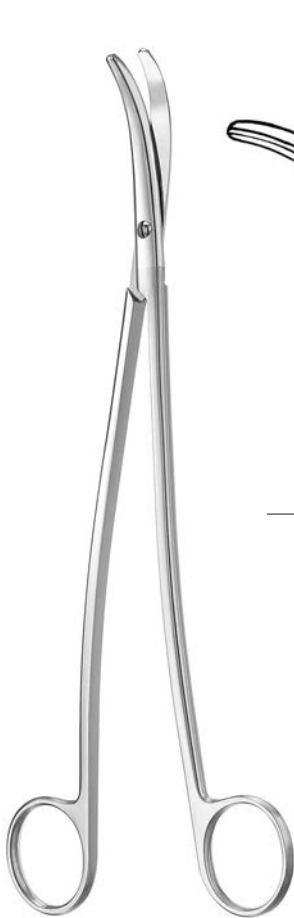
108-497-15



FAVALORO
15.5 cm/6"

108-500-14

Coronary artery scissors
Coronararterien-Schere
Ciseaux artère coronaire
Tijeras de arteria coronaria
Forbici per arterie coronarica



HOHENFELLNER



18 cm/7"

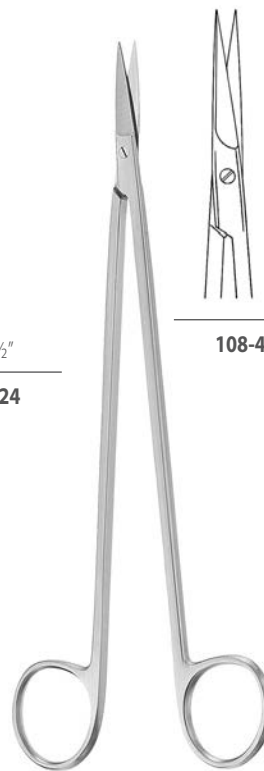
108-477-18

21 cm/8¼"

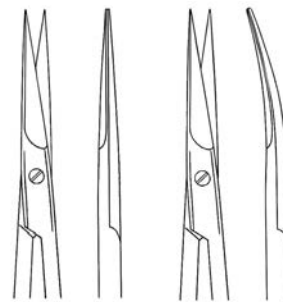
108-477-21

24 cm/9½"

108-477-24

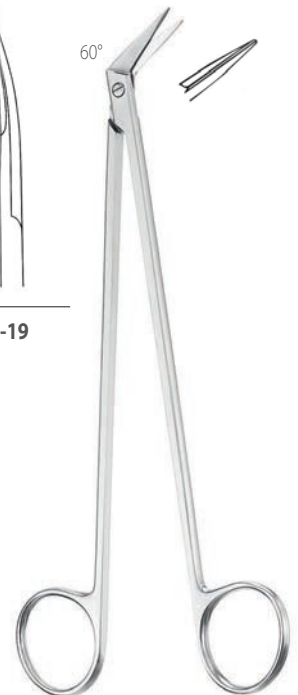


19 cm/7½"



108-478-19

108-479-19



POTTS-SMITH
18 cm/7"

108-498-19

Nerve dissecting scissors

Nerv-Präparierschere

Ciseaux à préparation de nerfs

Tijeras para preparación del nervio

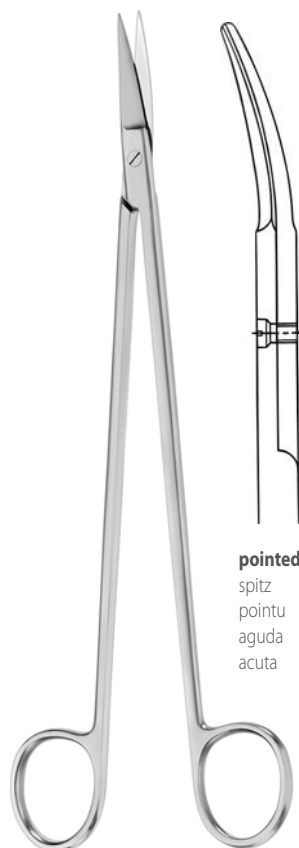
Forbici per preparazione di nervi



15 cm/6"

108-582-15

15 cm/6"

108-583-15**pointed**

spitz

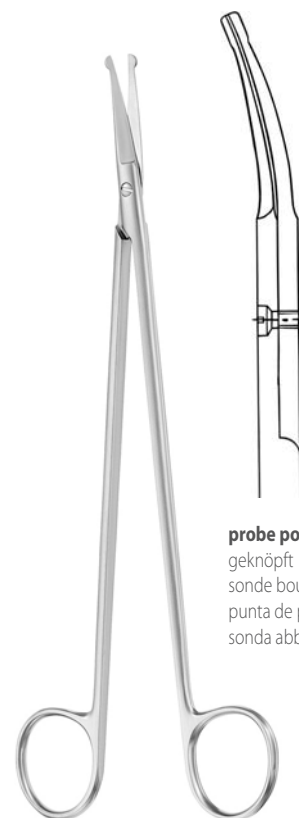
pointu

aguda

acuta

STRULLY

22 cm/8¾"

108-600-22**probe pointed**

geknöpft

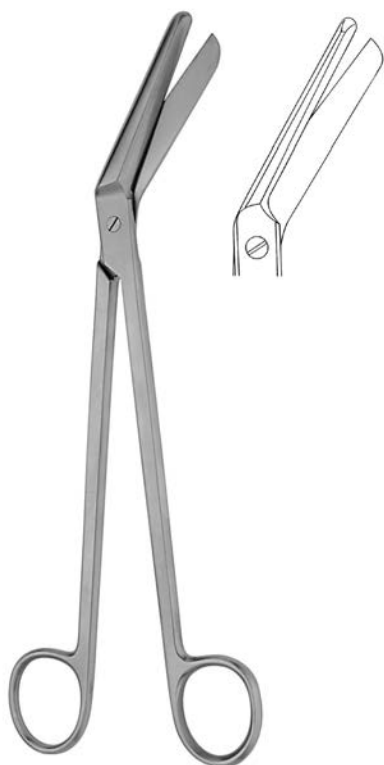
sonde boutonnée

punta de prueba abotonada

sonda abbottonata

STRULLY

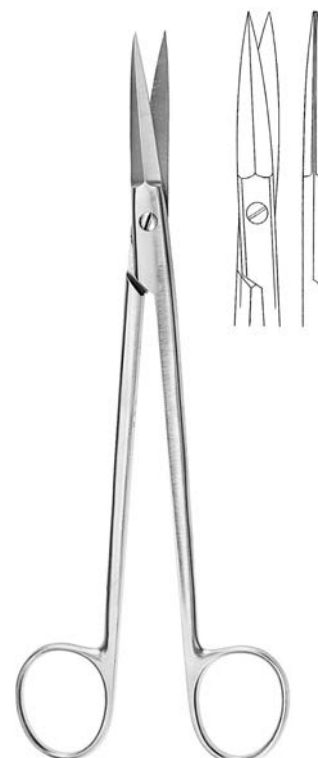
22 cm/8¾"

108-601-22**BRAUN-STADLER**

20 cm/8"

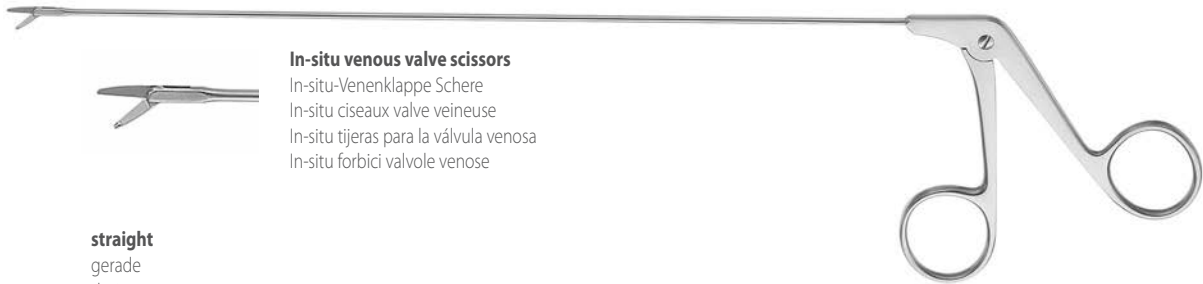
108-560-20**TOENNIS-ADSON**

17 cm/6¾"

108-613-17**McINDOE**

19 cm/7½"

108-614-19


In-situ venous valve scissors

 In-situ-Venenklappe Schere
 In-situ ciseaux valve veineuse
 In-situ tijeras para la válvula venosa
 In-situ forbici valvole venose

straight

 gerade
 droit
 recta
 diritto

15 cm/6"	109-810-10
23 cm/9"	109-810-23
30 cm/12"	109-810-30

for left thigh

 für den linken Oberschenkel
 pour la cuisse gauche
 para el muslo izquierdo
 per coscia sinistra

30 cm/12"
109-811-30

for right thigh

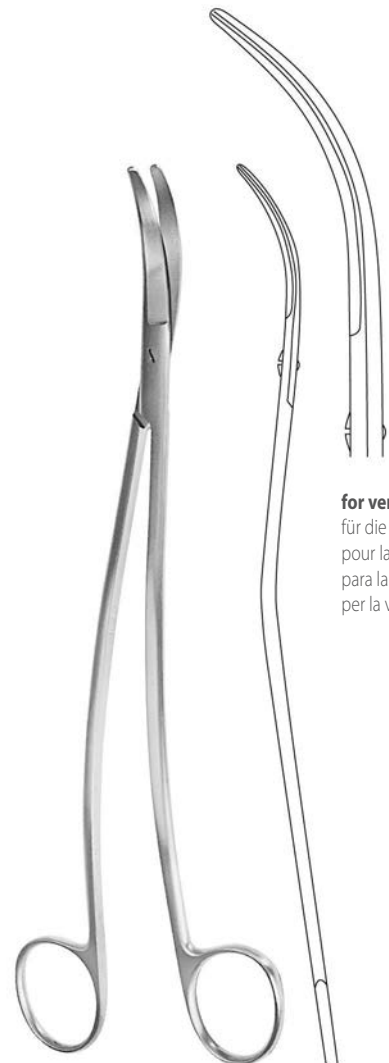
 für den rechten Oberschenkel
 pour la cuisse droite
 para el muslo derecho
 per coscia destra

30 cm/12"
109-813-30

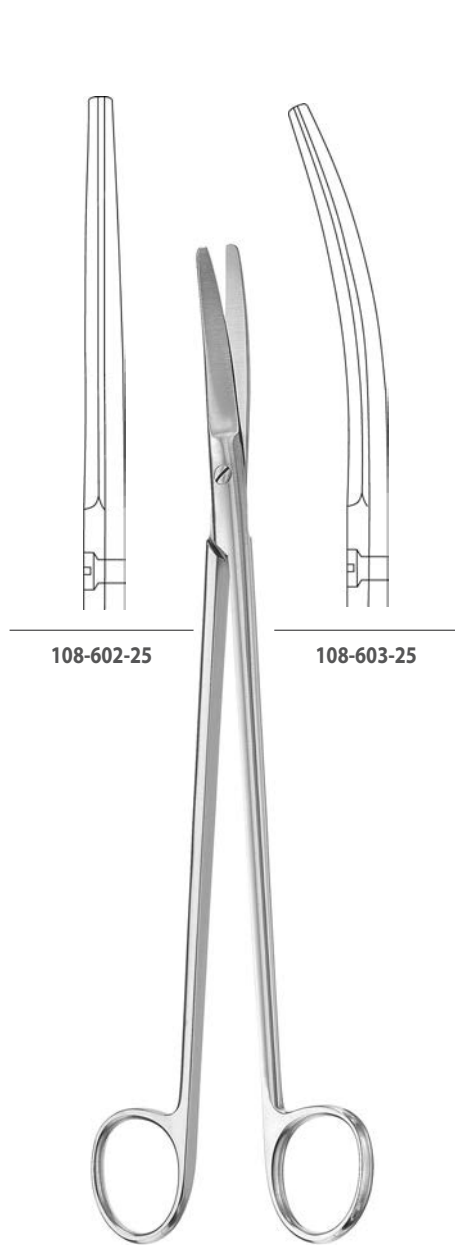

SATINSKY
 18 cm/7"

108-649-18

SATINSKY
 21 cm/8 1/4"

108-650-21

SATINSKY
 24.5 cm/9 1/4"

108-651-24
for vena cava
 für die Vena cava
 pour la veine cave
 para la vena cava
 per la vena cava



108-602-25

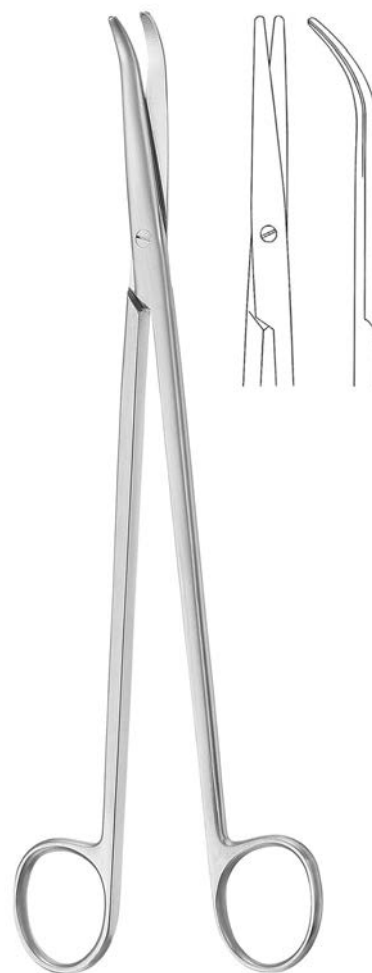
108-603-25

WILLAUER
 25.5 cm/10"



SATINSKY
 24.5 cm/9 1/4"

108-641-30



19 cm/7 1/2"

108-643-18

25 cm/10"

108-643-25



SPENCER

9 cm/3½"	108-802-09
11 cm/4¼"	108-802-11
12 cm/4¾"	108-802-12



LITTAUER

14 cm/5½"

108-804-14



JORGENSON

22 cm/8¾"	108-652-22
28 cm/11"	108-652-28



KLINKENBERGH LOTH

23 cm/9"

108-661-23



Lobectomy scissors

Lungenlappenschere
 Ciseaux à lobectomie
 Tijeras para lobectomía
 Forbici per lobo polmonare

FINOCHIETTO

27 cm/10¾"

108-663-27

TC Cutting Edges

TC-Schneiden

Tranchant TC

Filos de corte TC

Taglio TC

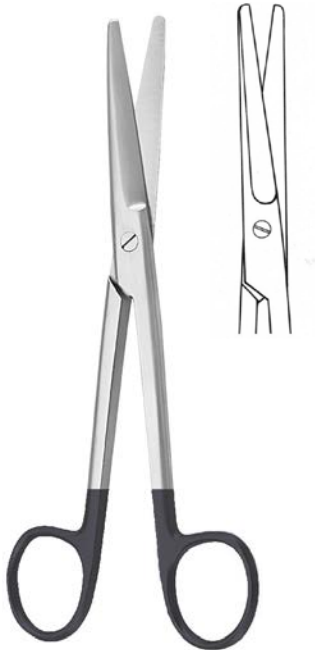


	blunt / blunt		sharp / blunt		sharp / sharp	
10.5 cm/4¼"	107-102-10	-	107-110-10	-	107-120-10	-
11.5 cm/4½"	107-102-11	-	107-110-11	-	107-120-11	-
13 cm/5"	107-102-13	-	107-110-13	-	107-120-13	-
14.5 cm/5¾"	107-102-14	107-104-14	107-110-14	107-114-14	107-120-14	107-124-14
15.5 cm/6¼"	107-102-15	-	107-110-15	-	107-120-15	-
16.5 cm/6½"	107-102-16	107-104-16	107-110-16	107-114-16	107-120-16	107-124-16
18.5 cm/7¼"	107-102-18	-	107-110-18	-	107-120-18	-
20 cm/8"	107-102-20	-	107-110-20	-	107-120-20	-



	blunt / blunt		sharp / blunt		sharp / sharp	
10.5 cm/4¼"	107-103-10	-	107-111-10	-	107-121-10	-
11.5 cm/4½"	107-103-11	-	107-111-11	-	107-121-11	-
13 cm/5"	107-103-13	-	107-111-13	-	107-121-13	-
14.5 cm/5¾"	107-103-14	107-105-14	107-111-14	107-115-14	107-121-14	107-125-14
15.5 cm/6¼"	107-103-15	-	107-111-15	-	107-121-15	-
16.5 cm/6½"	107-103-16	107-105-16	107-111-16	107-115-16	107-121-16	107-125-16
18.5 cm/7¼"	107-103-18	-	107-111-18	-	107-121-18	-
20 cm/8"	107-103-20	-	107-111-20	-	107-121-20	-

TC Cutting Edges
 TC-Schneiden
 Tranchant TC
 Filos de corte TC
 Taglio TC


MAYO

	straight		curved	
14.5 cm 5¾"	107-160-14	107-164-14	107-161-14	107-165-14
17.0 cm 6¾"	107-160-17	107-164-17	107-161-17	107-165-17
23.0 cm 9"	107-160-23	107-164-23	107-161-23	107-165-23


LEXER

TC Cutting Edges
 TC-Schneiden
 Tranchant TC
 Filos de corte TC
 Taglio TC

	straight	curved
16 cm/6¼"	107-190-16	107-191-16
16 cm/6¼"	107-194-16	107-195-16
21 cm/8¼"	107-190-21	107-191-21
21 cm/8¼"	107-194-21	107-195-21

TC Cutting Edges

TC-Schneiden

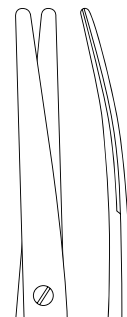
Tranchant TC

Filos de corte TC

Taglio TC



METZENBAUM



	straight		curved	
11.5 cm 4½"	107-210-11	107-284-11	107-211-11	107-285-11
15 cm/6"	107-280-15	107-284-15	107-281-15	107-285-15
18 cm/7"	107-280-18	107-284-18	107-281-18	107-285-18
20 cm/8"	107-280-20	107-284-20	107-281-20	107-285-20
23 cm/9"	107-280-23	107-284-23	107-281-23	107-285-23
25 cm/10"	107-280-25	107-284-25	107-281-25	107-285-25
28 cm/11"	107-280-28	107-284-28	107-281-28	107-285-28
30 cm/12"	107-280-30	107-284-30	107-281-30	107-285-30

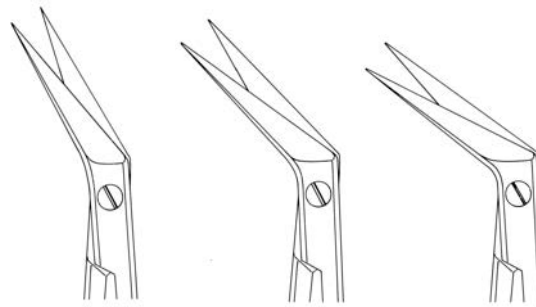
TC Cutting Edges

TC-Schneiden
Tranchant TC
Filos de corte TC
Taglio TC



POTTS-SMITH

19cm/7½"



25°

40°

60°

107-480-25

107-480-40

107-480-60

107-484-25

107-484-40

107-484-60

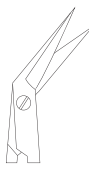
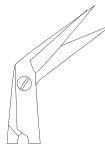
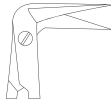
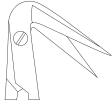


18 cm/7"

14 mm
Cutting edge
Schneideblatt
Tranchant
Filo cortante
Filo di lama

sharp

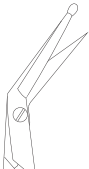
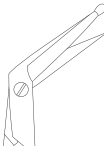
spitz
pointu
agudo
appuntato

					
	25°	45°	60°	90°	125°
FINE	109-224-25	109-224-45	109-224-60	109-224-90	109-225-00

14 mm
Cutting edge
Schneideblatt
Tranchant
Filo cortante
Filo di lama

1 probe-pointed blade

1 Blatt geknöpft
1 lame boutonnée
1 hoja botonada
1 lama bottonnta

					
	25°	45°	60°	90°	125°
FINE	109-225-25	109-225-45	109-225-60	109-225-90	109-226-00



TOLEDO
16.5 cm/6½"

Cutting edge

Schneideblatt

Tranchant

Filo cortante

Filo di lama

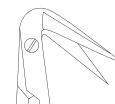
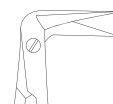
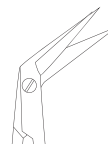
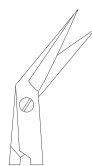
sharp

spitz

pointu

agudo

appuntato



		25°	45°	60°	90°	125°
14 mm	FINE	109-230-25	109-230-45	109-230-60	109-230-90	109-231-25
		109-230-25B	109-230-45B	109-230-60B	109-230-90B	109-231-25B
10 mm	MICRO	109-234-25	109-234-45	109-234-60	109-234-90	109-235-25
		109-234-25B	109-234-45B	109-234-60B	109-234-90B	109-235-25B
7 mm	NANO	109-236-25	109-236-45	109-236-60	109-236-90	109-237-25

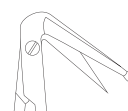
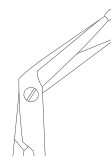
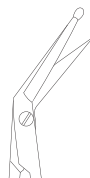
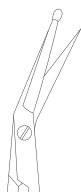
1 probe-pointed blade

1 Blatt geknöpft

1 lame boutonnée

1 hoja botonada

1 lama bottonnta


Cutting edge

Schneideblatt

Tranchant

Filo cortante

Filo di lama

		25°	45°	60°	90°	125°
14 mm	FINE	109-232-25	109-232-45	109-232-60	109-232-90	109-233-25

Cutting edge

Schneideblatt

Tranchant

Filo cortante

Filo di lama



		Straight	Curved
14 mm	FINE	109-356-14	109-357-14
10 mm	MICRO	109-356-10	109-357-10
7 mm	NANO	109-356-07	109-357-07



YASARGIL	straight	curved
12 cm/4¾"	109-260-12	109-261-12
16 cm/6¼"	109-260-16	109-261-16
18.5 cm/7¼"	109-260-18	109-261-18

VANNAS	straight	curved	angled
12 cm/4¾"	109-262-12	109-263-12	109-265-12
16 cm/6¼"	109-262-16	109-263-16	

toothed
 gezahnt
 dentelés
 dentadas
 dentate

MILLES	straight	curved
16 cm/6¼"	109-270-16	109-271-16

Vein scissors
 Venenschere
 Ciseaux pour veines
 Tijera para venas
 Forbici per vene



BIEMER
 13 cm/5"
 109-264-13



45° angled to side
 seitwärts abgewinkelt
 coudés latéralement
 acodadas hacia el lado
 angolata lateralmente

POTTS-YASARGIL
 18.5 cm/7¼"
 109-261-19



	straight	curved
15 cm/5"	109-300-15	109-301-15
18 cm/7"	109-300-18	109-301-18
18 cm/7"	109-302-18	109-303-18

- ergonomic handle
- sophisticated design
- safe and sensitive in hand, well balanced
- easy to clean
- no dirt catching knurlings

- ergonomischer Griff
- ansprechendes Design
- sichere und feinfühlig Handhabung
- leichtes Reinigen
- keine schmutzanfälligen Riefelungen

- manche ergonomique
- aspect attrayant
- une manipulation délicate et en sécurité
- la précision du geste opératoire
- un nettoyage facile
- stiere pas sensible à la saleté

- mango ergonómico
- diseño concebido
- manipulación segura y delicada
- limpieza fácil
- las estriadas no son susceptible a la suciedad

- manico ergonomico
- design appariscente
- maneggio sicuro e delicato
- purificazione facile
- non incline de la sporcizia



toothed
gezahnt
dentelés
dentadas
dentate

	straight	curved
15 cm/5"	109-304-15	109-305-15
18 cm/7"	109-304-18	109-305-18



round cutting blades
runde Schneideblätter
lames rondes
hojas redondas
lame rotonde

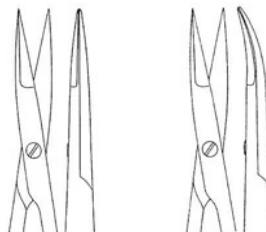
	sharp/sharp	blunt/blunt
15 cm/5"	109-307-15	109-309-15
18 cm/7"	109-307-18	109-309-18

Round handle
 Rundgriff
 Manche rond
 Mango redondo
 Manico rotondo



Cutting edge 10mm

Schneide 10mm
 Tranchant 10mm
 Filo cortante 10 mm
 Filo di lama 10mm



	straight	curved
15 cm/5"	109-710-15	109-711-15
18 cm/7"	109-710-18	109-711-18
21 cm/8¼"	109-710-21	109-711-21
23 cm/9"	109-710-23	109-711-23

	straight	curved
15 cm/5"	109-720-15	109-721-15
18 cm/7"	109-720-18	109-721-18
21 cm/8¼"	109-720-21	109-721-21



Streamlined

Titanium
 Titan
 Titane
 Titanio
 Titanio

Flat handle
 Flachgriff
 Manche plat
 Mango plano
 Manico piatto



Cutting edge 10mm

Schneide 10mm

Tranchant 10mm

Filo cortante 10 mm

Filo di lama 10mm



	straight	curved
15 cm/5"	109-712-15	109-713-15
18 cm/7"	109-712-18	109-713-18
21 cm/8¼"	109-712-21	109-713-21
23 cm/9"	109-712-23	109-713-23

	straight	curved
15 cm/5"	109-722-15	109-723-15
18 cm/7"	109-722-18	109-723-18
21 cm/8¼"	109-722-21	109-723-21



Streamlined

Titanium

Titan

Titane

Titanio

Titanio

FORCEPS AND CLAMPS

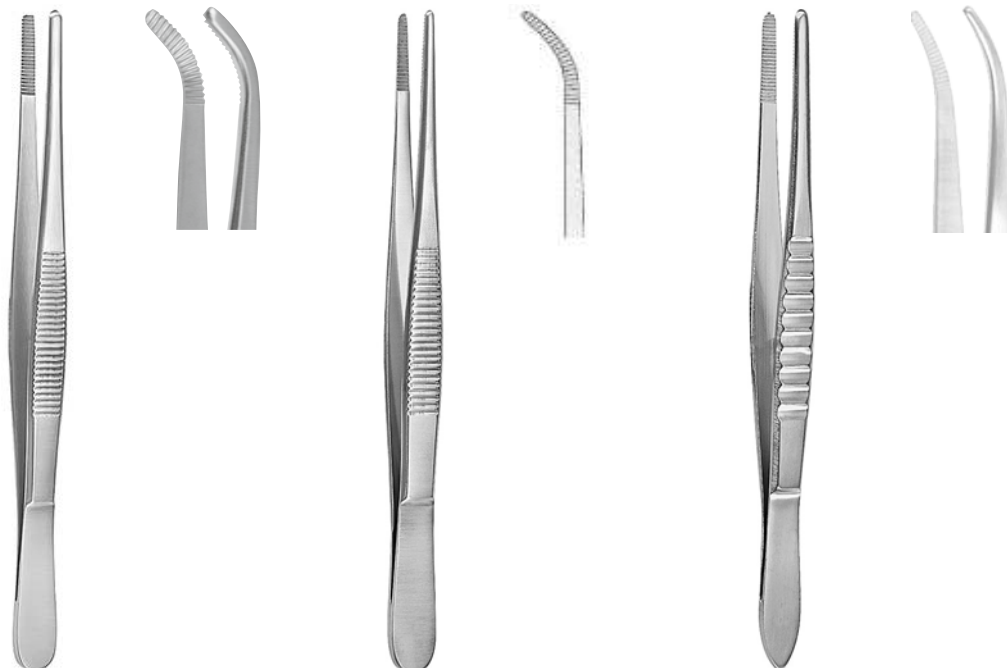
PINZETTEN & KLEMMEN

PINCES ET CLAMPS

PINZAS Y CLAMPS

PINZE E CLAMPS

FORCEPS AND CLAMPS



	Standard	curved	narrow	curved	USA	curved
10.0 cm/3¾"	110-102-10	110-103-10	110-110-10	110-111-10	-	-
11.5 cm/4½"	110-102-11	110-103-11	110-110-11	110-111-11	-	-
12.0 cm/4¾"	-	-	-	-	110-104-12	110-105-12
13cm/5"	110-102-13	110-103-13	110-110-13	110-111-13	110-104-13	110-105-13
14.5cm/5¾"	110-102-14	110-103-14	110-110-14	110-111-14	110-104-14	110-105-14
15.5cm/6"	-	-	-	-	110-104-15	110-105-15
16.0 cm/6¼"	110-102-16	110-103-16	110-110-16	110-111-16	-	-
18.0 cm/7"	110-102-18	110-103-18	110-110-18	110-111-18	110-104-18	110-105-18
20.0 cm/8"	110-102-20	110-103-20	110-110-20	110-111-20	-	-
21.0 cm/8¼"	-	-	-	-	110-104-21	110-105-21
23.0 cm/9"	110-102-23	110-103-23	-	-	-	-
25.0 cm/9¾"	110-102-25	110-103-25	110-110-25	110-111-25	110-104-25	110-105-25
30.0 cm/11¾"	110-102-30	110-103-30	110-110-30	110-111-30	-	-
31.0cm/12¼"	-	-	-	-	110-104-31	110-105-31
35.0 cm/13¾"	110-102-35	110-103-35	-	-	-	-
40.0 cm/15¾"	110-102-40	110-103-40	-	-	-	-
50.0 cm/19¾"	110-102-50	110-103-50	-	-	-	-

FORCEPS AND CLAMPS

with TC inserts

 Mit TC-Einsätzen
 A mors TC
 Con bocas TC
 Con morso TC


13cm/5"	110-114-13
14.5cm/5¾"	110-114-14
16.0 cm/6¼"	110-114-16
18.0 cm/7"	110-114-18
20.0 cm/8"	110-114-20
23.0 cm/9"	110-114-23
25.0 cm/9¾"	110-114-25


POTTS-SMITH

	straight	straight	curved
15.5 cm/6"	110-112-15	110-116-15	110-113-15
18 cm/7"	110-112-18	110-116-18	110-113-18
20 cm/8"	110-112-20	110-116-20	110-113-20
21 cm/8¼"	110-112-21	110-116-21	110-113-21
23 cm/9"	110-112-23	110-116-23	110-113-23
25 cm/10"	110-112-25	110-116-25	-
30 cm/12"	110-112-30	110-116-30	-



angled



angled downwards

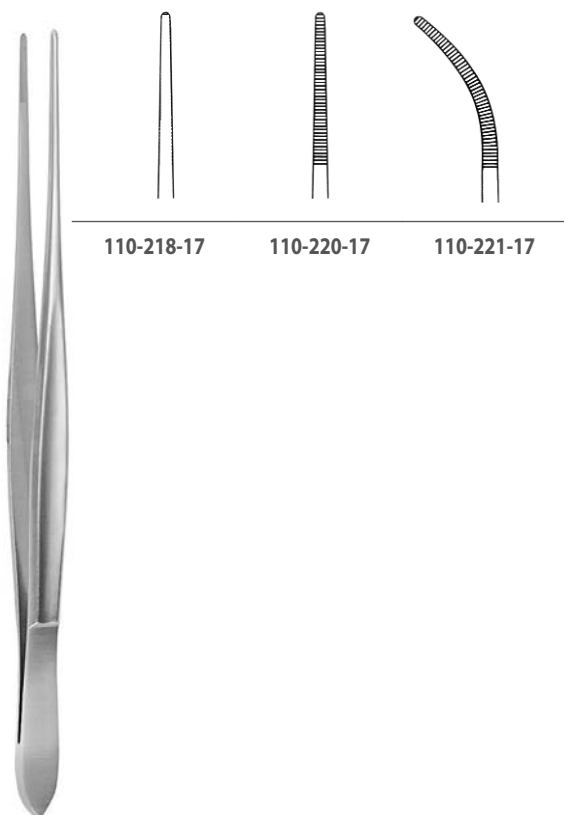


ADSON	Standard	Tc	ADSON	ADSON MICRO	ADSON MICRO
10.5 cm/4¼"	110-170-12	110-174-12	110-171-12	110-176-12	110-177-12
15.0 cm/6"	110-170-15	110-174-15	110-171-15	110-176-15	110-177-15
18.0 cm/7"	110-170-18				

FORCEPS AND CLAMPS

with TC inserts

Mit TC-Einsätzen
A mors TC
Con bocas TC
Con morso TC

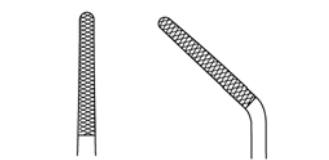


110-218-17

110-220-17

110-221-17

CUSHING
17 cm/6¾"

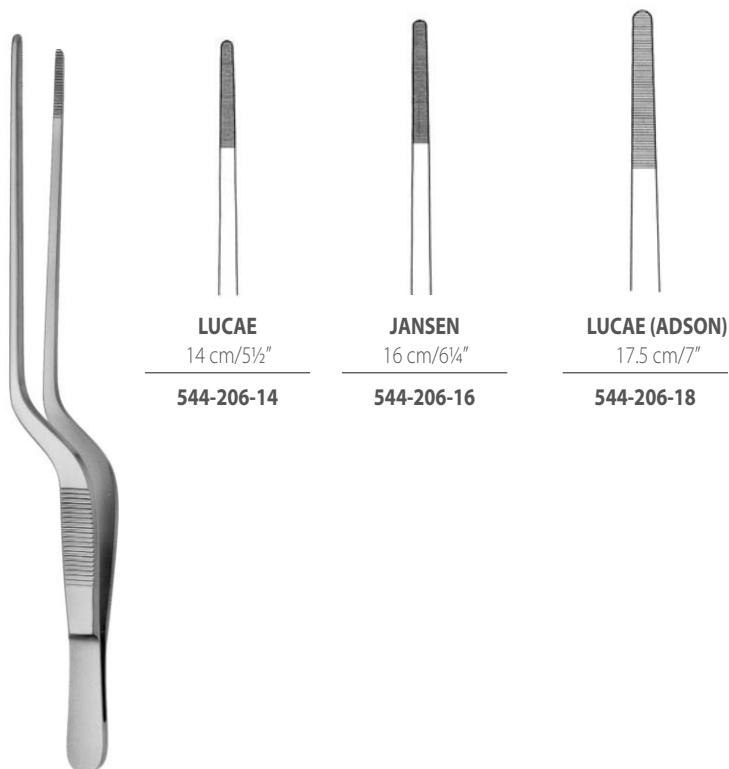


110-224-17

110-225-17

**0.5
regular profile**
Normalprofil
profil regulair
perfil regular
profilo regolare

CUSHING
17 cm/6¾"



LUCAE
14 cm/5½"

544-206-14

JANSEN
16 cm/6¼"

544-206-16

LUCAE (ADSON)
17.5 cm/7"

544-206-18

FORCEPS AND CLAMPS


WAUGH

15 cm/5"	110-262-15
20 cm/8"	110-262-20


SELMAN


15 cm/5"	110-204-15
20 cm/8"	110-204-20
25 cm/10"	110-204-25


SEMKEN

12.5 cm/5"	110-260-12
15.5 cm/6"	110-260-15


GERALD

 18 cm/7"
110-302-18

 18 cm/7"
110-303-18

 23 cm/9"
110-302-23

GERALD


17.5 cm/7"

110-304-17

with TC inserts
 Mit TC-Einsätzen
 A mors TC
 Con bocas TC
 Con morso TC

0.3
Micro profile
 Mikroprofil
 Profil micro
 Perfil micro
 Profilo micro

FORCEPS AND CLAMPS

with TC inserts

Mit TC-Einsätzen

A mors TC

Con bocas TC

Con morso TC

0.4

Mini profile

Miniprofil

Profil mini

Perfil mini

Profilo mini



MCINDOE

15 cm/6"

110-257-15



MCINDOE

15 cm/6"

110-258-15



SINGLEY

18 cm/7"

110-320-18

23 cm/9"

110-320-23



NELSON

15.5 cm/6"

110-322-15

18 cm/7"

110-322-18

23 cm/9"

110-322-23

30 cm/12"

110-322-30



WANGENSTEEN

15.5 cm/6"

110-326-15

23 cm/9"

110-326-23

25 cm/10"

110-326-25



Russ. Mod.



15 cm/6"

110-256-15



20 cm/8"

110-256-20



25 cm/10"

110-256-25



DURANTE



14 cm/5 3/4"

110-316-14



16 cm/6 1/4"

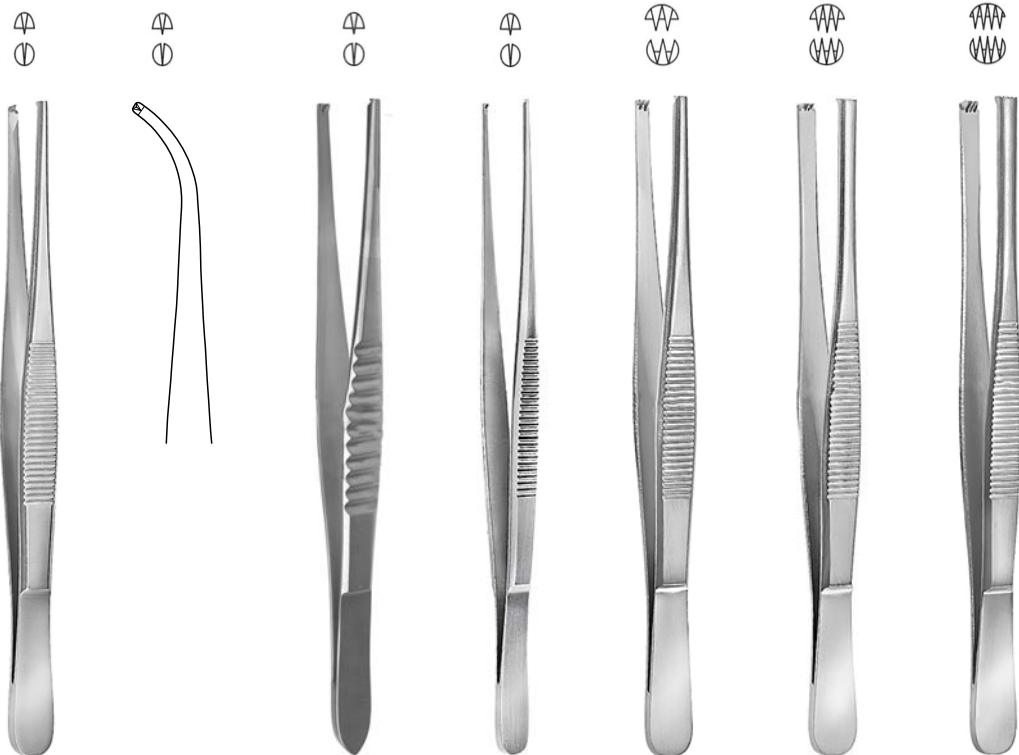
110-316-16



20 cm/8"

110-316-20

FORCEPS AND CLAMPS



	Standard	curved	USA	narrow	2x3 teeth	3x4 teeth	4x5 teeth
10.5 cm/4¼"	110-120-10	-	-	110-130-10	-	-	-
11.5 cm/4½"	110-120-11	-	-	110-130-11	110-140-11	-	-
12.0 cm/4¾"	-	-	110-122-12	-	-	-	-
13cm/5"	-	110-121-13	110-122-13	110-130-13	110-140-13	110-150-13	110-160-13
14.5cm/5¾"	110-120-13	-	110-122-14	110-130-14	110-140-14	110-150-14	110-160-14
15.5cm/6"	110-120-14	-	110-122-15	110-130-15	-	110-150-15	-
16.0 cm/6¼"	-	-	-	110-130-16	110-140-16	110-150-16	110-160-16
18.0 cm/7"	110-120-16	110-121-18	110-122-18	110-130-18	110-140-18	110-150-18	-
20.0 cm/8"	110-120-18	-	-	110-130-20	110-140-20	110-150-20	110-160-20
21.0 cm/8¼"	-	-	110-122-21	-	-	-	-
23.0 cm/9"	110-120-20	-	-	-	-	-	-
25.0 cm/9¾"	-	-	110-122-25	110-130-25	110-140-25	110-150-25	-
30.0 cm/11¾"	110-120-23	-	-	110-130-30	110-140-30	110-150-30	-
31.0cm/12¼"	-	-	110-122-31	-	-	-	-
35.0 cm/13¾"	110-120-25	-	-	-	-	-	-
40.0 cm/15¾"	110-120-30	-	-	-	-	-	-

FORCEPS AND CLAMPS



POTTS SMITH



	1x2 teeth	1x2 teeth
18.0cm/7"	110-126-18	110-127-18
21.0cm/8¼"	110-126-21	110-127-21
25.0cm/9¾"	110-126-25	110-127-25
30 cm/12"	110-126-30	110-127-30
35.0 cm 14"	110-126-35	-
40.0 cm/15¾"	110-126-40	-

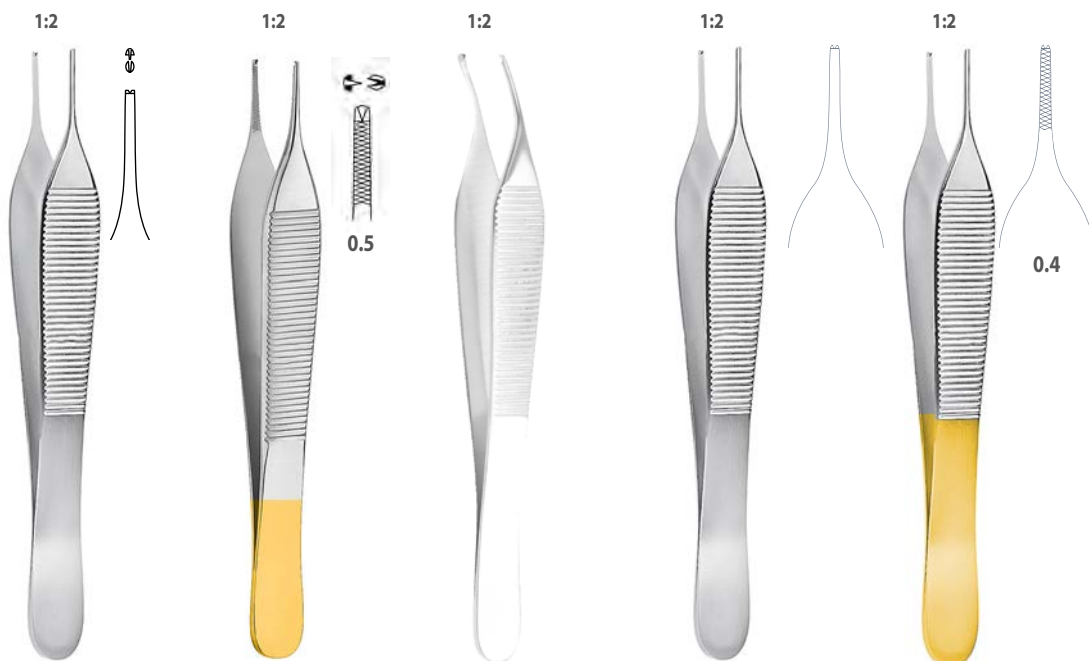
with TC inserts

Mit TC-Einsätzen

A mors TC

Con bocas TC

Con morso TC



ADSON	Standard	TC	angled	ADSON MICRO	ADSON MICRO
10.5 cm/4¼"	110-180-12	110-184-12	110-181-12	110-186-12	110-173-12
15.0 cm/6"	110-180-15	110-184-15	110-181-15	110-186-15	110-173-15
18.0 cm/7"	110-180-18	-	-	110-186-18	-

FORCEPS AND CLAMPS



CUSHING
17 cm/6¾"



1x2 teeth

110-230-17



1x2 teeth

110-231-17



McINDOE
15 cm/6"



110-259-15

delicate

fein
délicat
fino
fina

cross serrated

kreuzgerieft
striure en croix
estrias cruzadas
striature trasversali



SEMKEN

12.5 cm/5"

110-270-12

15.5 cm/6"

110-270-15



1x2



McINDOE
15 cm/6"

110-272-15



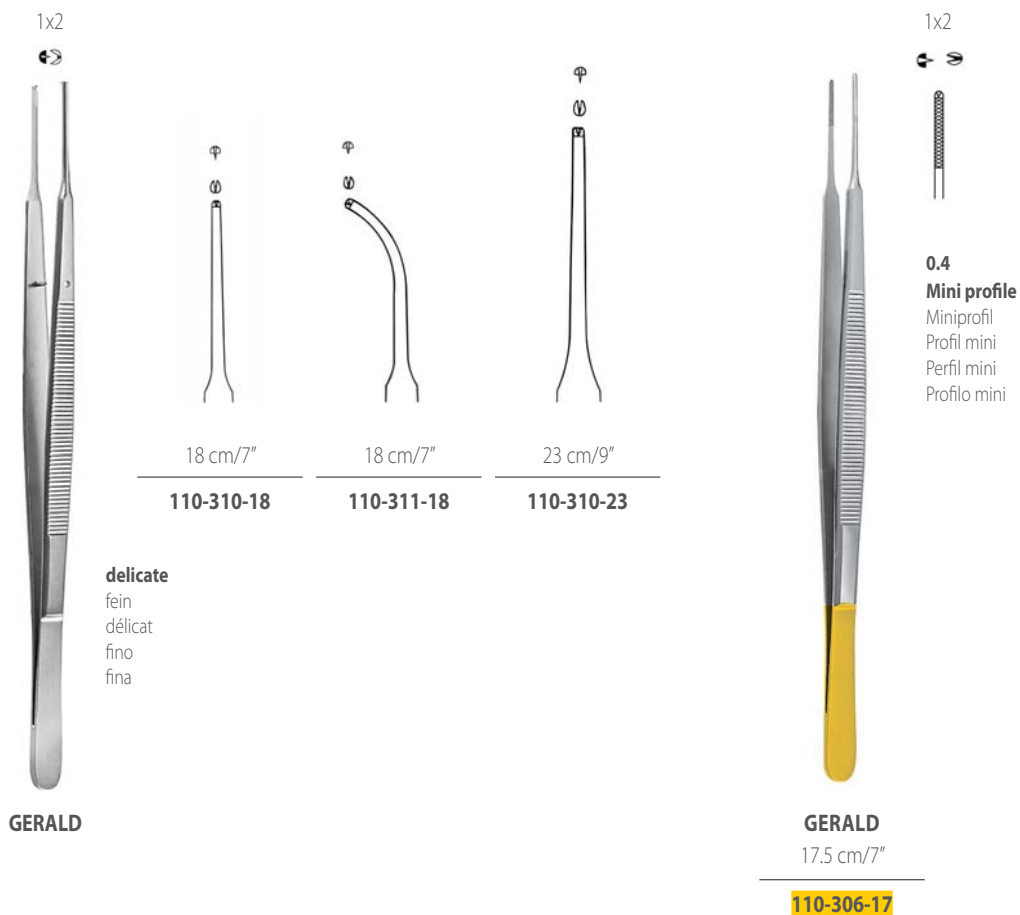
1x2



McINDOE
15 cm/6"

110-272-16

FORCEPS AND CLAMPS



FORCEPS AND CLAMPS



Fig. 1
12 cm/4¾"

110-332-01



Fig. 3
12 cm/4¾"

110-330-12



Fig. 3 C
11 cm/4¼"

110-330-31

delicate
fein
délicates
finas
fina



Fig. 4
11 cm/4¼"

110-332-04



Fig. 5
11 cm/4¼"

110-332-05



Fig. 5
11 cm/4¼"

110-332-45



Fig. 5a
11 cm/4¼"

110-333-05



Fig. 6
11 cm/4¼"

110-332-15



Fig. 7
12 cm/4¾"

110-331-12



11.5 cm/4½"

110-333-11

FORCEPS AND CLAMPS

Vessel dilating forceps

Gefäß-Dilatation Pinzetten
Pincas vasculaires à dilatation
Pinzas de dilatación vascular
Pinze-vascolare dilatante



	Ø 0.3 mm	Ø 0.2 mm
13.5 cm/5¼"	110-366-30	110-366-20
18 cm/7"	110-368-30	110-368-20



FINO	Ø 0.2 mm
13.5 cm/5¼"	110-364-20

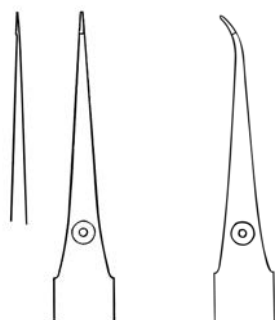


	Ø 0.3 mm	Ø 0.2 mm
11 cm/4¼"	110-361-30	110-361-20

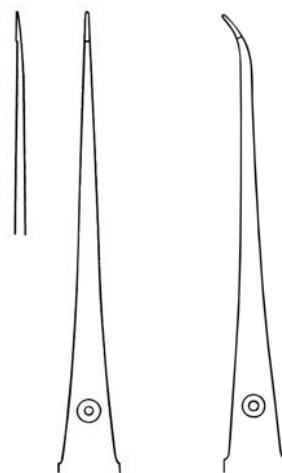


	Ø 0.3 mm
13.5 cm/5¼"	110-367-30

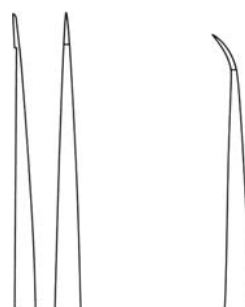
FORCEPS AND CLAMPS



	0.3 mm	0.3 mm
12 cm/4¾"	211-102-12	211-103-12
15 cm/6"	211-104-12	211-105-12



	0.6 mm	0.6 mm
18 cm/7"	211-108-18	211-109-18
23 cm/9"	211-108-23	



	0.3 mm	0.6 mm
12 cm/4¾"	211-110-15	211-111-15
15 cm/6"	211-110-18	211-111-18

Light-weight round handles, well balanced

Leichtmetall Rundgriffe, gut ausbalanciert
Manches ronds en métal léger, bien équilibrés
Mangos redondos de metal ligero, bien equilibrados
Manici rotondi metallo leggero, equilibrio perfetto

FORCEPS AND CLAMPS

**LAZAR**

15.5 cm/6"



0.5 mm

211-126-15

0.8 mm

211-127-15

18.5 cm/7 1/4"



0.5 mm

211-128-18**AUSTIN**

14 cm/5 1/2"



0.8 mm

211-134-14



GOMEL
18 cm/7"



				
	0.2 mm	0.3 mm	0.2 mm	0.3 mm
15 cm/6"	211-218-15	211-220-15	211-219-15	211-221-15
18 cm/7"	211-218-18	211-220-18	211-219-18	211-221-18
	sharp spitz pointue aguda acuta	blunt stumpf mousse roma smussa	sharp spitz pointue aguda acuta	blunt stumpf mousse roma smussa

Light-weight round handles, well balanced

Leichtmetall Rundgriffe, gut ausbalanciert

Manches ronds en métal léger, bien équilibrés

Mangos redondos de metal ligero, bien equilibrados

Manici rotondi metallo leggero, equilibrio perfetto

FORCEPS AND CLAMPS

- sophisticated design
- ergonomic handle
- safe and fine feeling in hand, well-balanced
- easy to clean
- no dirt catching knurlings

- ansprechendes Design
- ergonomischer Griff
- sichere und feinfühlig Handhabung
- leichtes Reinigen
- keine schmutzanfälligen Riefelungen

- aspect attrayant
- poignée ergonomique
- une manipulation délicate et en sécurité
- la précision du geste opératoire
- un nettoyage facile
- striure pas sensible à la saleté

- diseño llamativo
- mango ergonómico
- manipulación segura y delicada
- limpieza fácil
- las estriadas no son susceptible a la suciedad

- design appariscente
- manico ergonomico
- maneggio sicuro e delicato
- purificazione facile
- non incline de la sporcizia



TOLEDO

ATRAUMA



DE BAKEY

		
	1.2 mm	1.2 mm
18 cm/7"	211-230-18	211-231-18
21 cm/8¼"	211-230-21	211-231-21

		
	Ø 0.4 mm	Ø 0.4 mm
	1 x 2	1 x 2
18 cm/7"	211-232-18	211-233-18
21 cm/8¼"	211-232-21	211-233-21

diamond coated jaws

diamantiertes Maul
mors diamanté
boca diamantada
morso diamantato

				
	0.4 x 7 mm	0.4 x 7 mm	0.4 x 7 mm	0.4 x 7 mm
18 cm/7"	211-234-18	211-235-18	211-244-18	211-245-18
21 cm/8¼"	211-234-21	211-235-21	211-244-21	211-245-21

		
	Ø 1 x 0.5 mm	Ø 1 x 0.5 mm
18 cm/7"	211-238-18	211-248-18
21 cm/8¼"	211-238-21	211-248-21

diamond coated jaws

diamantiertes Maul
mors diamanté
boca diamantada
morso diamantato

FORCEPS AND CLAMPS

Titanium

Titan

Titane

Titanio

Titanio

ATRAUMA

DE BAKEY

DE BAKEY


1.0 mm



1.5 mm



1.8 mm

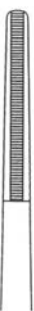


2.0 mm



2.5 mm

	1.0 mm	1.5 mm	1.8 mm	2.0 mm	2.5 mm
15 cm/6"	211-290-15	211-300-16	211-302-16	211-292-15	211-296-15
20 cm/8"	211-290-20	211-300-20	211-302-20	211-292-20	211-296-20
24 cm/9½"	211-290-24	211-300-24	211-302-24	211-292-24	211-296-24
30 cm/12"	-	-	-	211-292-30	211-296-30



2.8 mm



3.5 mm



2.0 mm

	2.8 mm	3.5 mm	2.0 mm
15 cm/6"	211-298-15	211-294-15	211-293-15
20 cm/8"	211-298-20	211-294-20	211-293-20
24 cm/9½"	211-298-24	211-294-24	211-293-24
30 cm/12"	211-298-30	211-294-30	211-293-30

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



DE BAKEY

delicate pattern

schlankes Modell

modèle délicat

modelo delgado

modello fino

delicate pattern

schlankes Modell

modèle délicat

modelo delgado

modello fino



1.5 mm



1.5 mm



2.0 mm



2.0 mm



2.7 mm



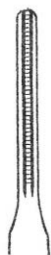
3.5 mm

2.5 mm

2.5 mm

4.5 mm

	1.5 mm	1.5 mm	2.0 mm	2.0 mm	2.7 mm	3.5 mm
15 cm/6"	211-322-16	-	211-324-15	-	-	-
16 cm/6¼"	-	211-306-16	-	211-308-16	211-304-16	211-310-16
19.5 cm/7¾"	211-322-20	-	211-324-20	-	-	-
20 cm/8"	-	211-306-20	-	211-308-20	211-304-20	211-310-20
24 cm/9½"	211-322-24	211-306-24	211-324-24	211-308-24	211-304-24	211-310-24
30 cm/12"	211-322-30	211-306-30	211-324-30	211-308-30	211-304-30	211-310-30
35 cm/14"	-	-	-	-	-	211-310-35
40 cm/16"	-	-	-	-	-	211-310-40



2.7 mm



3.5 mm

	2.7 mm	3.5 mm
15 cm/6"	211-332-15	211-334-15
19.5 cm/7¾"	211-332-20	211-334-20
24 cm/9½"	211-332-24	211-334-24
30 cm/12"	211-332-30	211-334-30
35 cm/14"	-	211-334-35

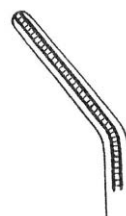
FORCEPS AND CLAMPS


ATRAUMA

DE BAKEY


2.0 mm

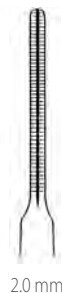
16 cm/6¼"	211-309-16
20 cm/8"	211-309-20
24 cm/9½"	211-309-24
30 cm/12"	211-309-30



2.7 mm

15 cm/6"	211-333-15
19.5 cm/7¾"	211-333-20
24 cm/9½"	211-333-24
30 cm/12"	211-333-30

DE BAKEY

COOLEY


2.0 mm

ATRAUMA

COOLEY

16 cm/6¼"	211-314-16
20 cm/8"	211-314-20
24 cm/9½"	211-314-24


DE BAKEY


1.0 mm

ATRAUMA

DE BAKEY

15 cm/6"	211-315-15
19.5 cm/7¾"	211-315-19
24 cm/9½"	211-315-24


DE BAKEY-DIETHRICH


1.5 mm

ATRAUMA

DE BAKEY

15 cm/6"	211-316-16
19.5 cm/7¾"	211-316-19
24 cm/9½"	211-316-24

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



DE BAKEY-ADSON

12 cm/4¾"	211-318-12
15 cm/6"	211-318-15

1.0 mm

ATRAUMA



DE BAKEY



DE BAKEY-GERALD

15 cm/6"	211-430-15
18 cm/7"	211-430-18

ATRAUMA



DE BAKEY



DE BAKEY-WHEELER

15 cm/6"	211-452-15
19.5 cm/7¾"	211-456-20
24 cm/9½"	211-456-24

ATRAUMA



COOLEY



4 mm
15 cm/6"

211-462-15

8 mm
24 cm/9½"

211-462-24

GLASSMAN

ATRAUMA

DE BAKEY

DE BAKEY
TC Lined

Mit TC-Einsätzen

A mors TC

Con bocas TC

Con morso TC

Needle pulling tissue forceps

Nadel ziehende chirurgische Pinzetten

Pince aiguille-tirant

Pinzas tira-agujas

Pinze tira-ago



6 x 12 1.5 mm



2.0 mm

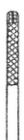


2.7 mm



3.5 mm

6 x 12	1.5 mm	2.0 mm	2.7 mm	3.5 mm
15 cm/6"	211-404-15	211-412-15	211-414-15	211-416-15
19.5 cm/7¾"	211-404-19	211-412-19	211-414-19	211-416-19
24 cm/9½"	211-404-24	211-412-24	211-414-24	211-416-24



2 x 4 1.5 mm



2.0 mm



2.7 mm



3.5 mm

2 x 4	1.5 mm	2.0 mm	2.7 mm	3.5 mm
15 cm/6"	211-402-15	211-422-15	211-424-15	211-426-15
19.5 cm/7¾"	211-402-20	211-422-19	211-424-19	211-426-19
24 cm/9½"	211-402-24	211-422-24	211-424-24	211-426-24

FORCEPS AND CLAMPS



ULTRA-LIGHT

**1.2 mm**
15 cm/6"**211-428-15****1.5 mm**
20 cm/8"**211-428-20****1.5 mm**
24 cm/9½"**211-428-24****1.5 mm**
30 cm/12"**211-428-30**

extremely light
extrem leicht
extrêmement légère
especialmente ligero
estremamente leggera


diamond coated jaws

diamantiertes Maul

mors diamanté

boca diamantada

morso diamantato

0.4 x 7 mm



0.4 x 7 mm



	Straight	curved
15 cm/6"	211-654-15	211-655-15
18 cm/7"	211-654-18	211-655-18
21 cm/8¼"	211-654-21	211-655-21
25 cm/10"	211-654-25	211-655-25

diamond coated jaws

diamantiertes Maul

mors diamanté

boca diamantada

morso diamantato

Ø 1 x 0.5 mm



Ø 2 x 0.8 mm



	Straight	curved	Straight	curved
15 cm/6"	211-650-15	211-651-15		
18 cm/7"	211-650-18	211-651-18	211-652-18	211-653-18
21 cm/8¼"	211-650-21	211-651-21		
23 cm/9"	211-650-23	211-651-23		
25 cm/10"	211-650-25	211-651-25		

ATRAUMA

DE BAKEY


	Straight	curved
15 cm/6"	211-656-15	211-657-15
18 cm/7"	211-656-18	211-657-18
21 cm/8¼"	211-656-21	211-657-21

with weight

mit Gewicht

avec poids

con peso

con peso

FORCEPS AND CLAMPS

diamond coated jaws

diamantiertes Maul

mors diamanté

boca diamantada

morso diamantato



Titanium

Titan

Titane

Titanio

Titanio



	6 x 0.4 mm	6 x 0.4 mm	6 x 0.7 mm	6 x 0.7 mm
15 cm/6"	110-564-15	110-565-15	110-566-15	110-567-15
15 cm/6"	211-578-15	211-579-15	211-580-15	211-581-15
18 cm/7"	110-564-18	110-565-18	110-566-18	110-567-18
18 cm/7"	211-578-18	211-579-18	211-580-18	211-581-18
21 cm/8¼"			110-566-21	110-567-21
21 cm/8¼"			211-580-21	211-581-21
23 cm/9"			110-566-23	110-567-23



	6 x 0.4 mm 1 x 2	6 x 0.4 mm 1 x 2	6 x 0.7 mm 1 x 2	6 x 0.7 mm 1 x 2
15 cm/6"	110-568-15	110-569-15	110-570-15	110-571-15
15 cm/6"	211-582-15	211-583-15	211-584-15	211-585-15
18 cm/7"	110-568-18	110-569-18	110-570-18	110-571-18
18 cm/7"	211-582-18	211-583-18	211-584-18	211-585-18
21 cm/8¼"			110-570-21	110-571-21
21 cm/8¼"			211-584-21	211-585-21
23 cm/9"			110-570-23	110-571-23

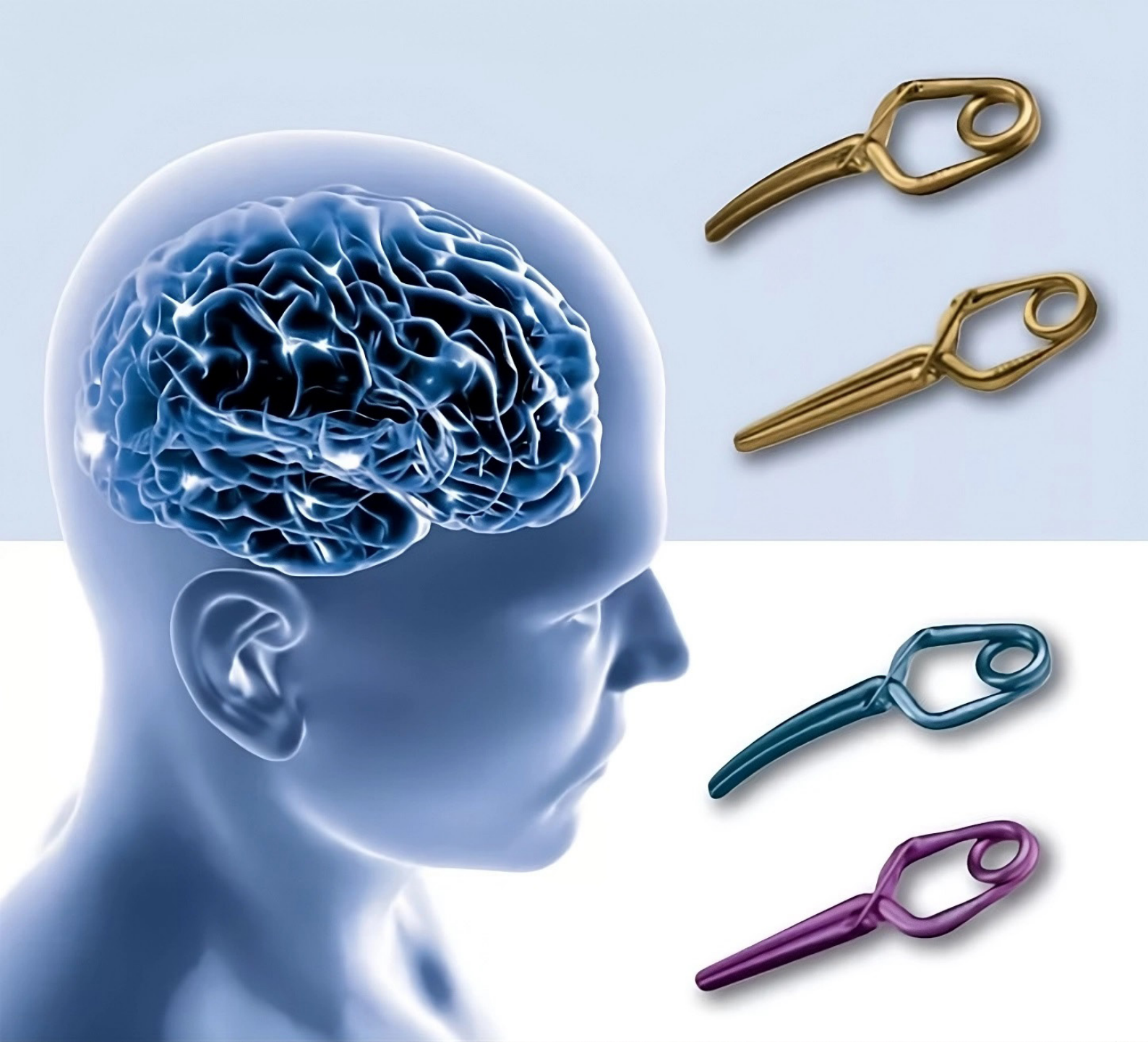


ATRAUMA



DE BAKEY

	Ø 1 x 0.5 mm	Ø 2 x 1.0 mm	1.2 mm
15 cm/6"	110-574-15	110-576-15	110-589-15
15 cm/6"	211-586-15	211-588-15	211-590-15
18 cm/7"	110-574-18	110-576-18	110-589-18
18 cm/7"	211-586-18	211-588-18	211-590-18
21 cm/8¼"	110-574-21	110-576-21	110-589-21
21 cm/8¼"	211-586-21	211-588-21	211-590-21
23 cm/9"	110-574-23	110-576-23	



FORCEPS AND CLAMPS

BIEMER

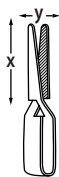
Vessels Clips - for temporary occlusion

Gefäßclips - für temporären Gebrauch

Serre-Fines - pour occlusion temporaire

Clips vasculares - para oclusión temporal

Pinze - per occlusioni temporari



x	y	gms
---	---	-----

Length of jaws

Maullänge

Longuer des mors

Longitud de boca

Lungh. di morsi

Opening of jaw

Maulöffnung

Ouverture des mors

Apertura de boca

Apertura di morsi

Closing Force

Schließdruck

Force de fermeture

Fuerza de cierre

Forza di chiusura



BIEMER

14.5 cm/5¾"

212-046-14

Applying forceps without lock

Anlegepinzette ohne Schloß

Pince sans fermeture

Pinza sin cierre de resorte

Applicatore senza cremagliera



BIEMER

14.5 cm/5¾"

212-048-14

Applying forceps with lock

Anlegepinzette mit Schloss

Pince à appliquer avec blocage

Pinza con cierre

Applicatore con serratura



BIEMER



x = 6.0 mm

y = 4.0 mm

gms = 30 - 40

Newton = 0.29 - 0.39

212-040-01



x = 9.0 mm

y = 5.0 mm

gms = 30 - 40

Newton = 0.29 - 0.39

212-040-02



x = 9.0 mm

y = 5.0 mm

gms = 30 - 40

Newton = 0.29 - 0.39

212-040-03

MEHDORN
Vessels Clips - for temporary occlusion

Gefäßclips - für temporären Gebrauch

Serre-Fines - pour occlusion temporaire

Clips vasculares - para oclusión temporal

Pinze - per occlusioni temporari

x	gms
---	-----

Length of jaws

Maullänge

Longuer des mors

Longitud de boca

Lunghg- di morsi

Closing Force

Schließdruck

Force de fermeture

Fuerza de cierre

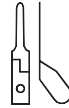
Forza di chiusura



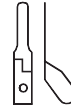
x = 4 x 1.0 mm



x = 4 x 1.4 mm



x = 6 x 1.0 mm

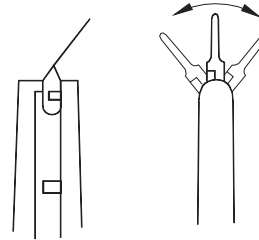


x = 6 x 1.4 mm

gms = 10 - 15	gms = 10 - 15	gms = 10 - 15	gms = 15 - 20
Newton = 0.10 - 0.15	Newton = 0.10 - 0.15	Newton = 0.10 - 0.15	Newton = 0.15 - 0.20
212-043-01	212-043-02	212-043-03	212-043-04


MEHDORN

15 cm/6"

212-050-15

Applying forceps without lock

Anlegepinzette ohne Schloß

Pince sans fermeture

Pinza sin cierre de resorte

Applicatore senza cremagliera

FORCEPS AND CLAMPS

BIEMER-MÜLLER

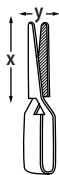
Approximators

Approximatoren

Approximateurs

Aproximadores

Approssimatori



x	y	gms
---	---	-----

Length of jaws

Maullänge

Longuer des mors

Longitud de boca

Lungh. di morsi

Opening of jaw

Maulöffnung

Ouverture des mors

Apertura de boca

Apertura di morsi

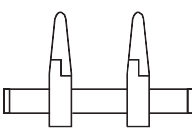
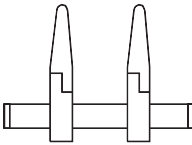
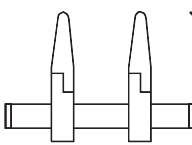
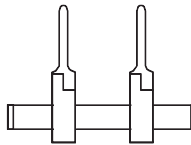
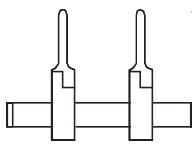
Closing Force

Schließdruck

Force de fermeture

Fuerza de cierre

Forza di chiusura

				
x = 6.0 mm	x = 9.0 mm	x = 9.0 mm	x = 9.0 mm	x = 9.0 mm
y = 4.0 mm	y = 5.0 mm	y = 5.0 mm	y = 5.0 mm	y = 5.0 mm
gms = 30 - 40	gms = 30 - 40	gms = 30 - 40	gms = 30 - 40	gms = 30 - 40
Newton = 0.29 - 0.39	Newton = 0.29 - 0.39	Newton = 0.29 - 0.39	Newton = 0.29 - 0.39	Newton = 0.29 - 0.39
212-014-00	212-010-00	212-011-00	212-012-00	212-013-00



BIEMER

14.5 cm/5¾"

212-046-14

Applying forceps without lock

Anlegepinzette ohne Schloß

Pince sans fermeture

Pinza sin cierre de resorte

Applicatore senza cremagliera



BIEMER

14.5 cm/5¾"

212-048-14

Applying forceps with lock

Anlegepinzette mit Schloss

Pince à appliquer avec blocage

Pinza con cierre

Applicatore con serratura

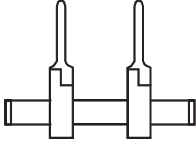
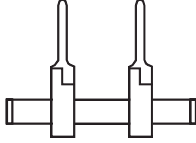
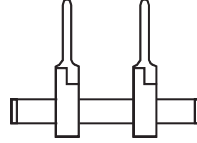
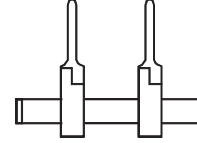
MÜLLER
Approximators

 Approximatoren
 Approximateurs
 Aproximadores
 Approssimatori

gms

Closing Force

 Schließdruck
 Force de fermeture
 Fuerza de cierre
 Forza di chiusura

			
Ø = 1 mm	Ø = 2 mm	Ø = 3 mm	Ø = 4 mm
gms = 25 - 30	gms = 25 - 30	gms = 25 - 30	gms = 25 - 30
Newton = 0.25 - 0.29	Newton = 0.25 - 0.29	Newton = 0.25 - 0.29	Newton = 0.25 - 0.29
212-028-01	212-028-02	212-028-03	212-028-04


BIEMER
 14.5 cm/5¾"

212-046-14
Applying forceps without lock

 Anlegepinzette ohne Schloß
 Pince sans fermeture
 Pinza sin cierre de resorte
 Applicatore senza cremagliera

BIEMER
 14.5 cm/5¾"

212-048-14
Applying forceps with lock

 Anlegepinzette mit Schloss
 Pince à appliquer avec blocage
 Pinza con cierre
 Applicatore con serratura

FORCEPS AND CLAMPS

BIEMER

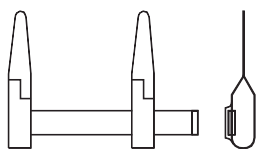
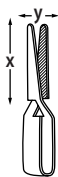
Approximators

Approximateuren

Approximateurs

Aproximadores

Approssimatori



x = 6.0 mm

y = 4.0 mm

gms = 30 - 40

Newton = 0.29 - 0.39

212-016-00



212-016-00

BIEMER Approximator set consisting of 212-016-00 & 212-044-14

BIEMER Approximator Set aus Artikel 212-016-00 & 212-044-14

BIEMER Approximateurs set 212-016-00 & 212-044-14

BIEMER Aproximadores set 212-016-00 & 212-044-14

BIEMER Approssimatori set 212-016-00 & 212-044-14

212-050-14



BIEMER Approximator with key 212-041-01

BIEMER Approximator mit Schlüssel 212-041-01

BIEMER Approximateurs avec clef 212-041-01

BIEMER Aproximadores con llave 212-041-01

BIEMER Approssimatori con chiave 212-041-01

212-024-00



BIEMER Approximator with key 212-041-01 and needles 212-041-02

BIEMER Approximator mit Schlüssel 212-041-01 und Nadeln 212-041-02

BIEMER Approximateurs avec clef 212-041-01 et d'aiguilles de rechange 212-041-02

BIEMER Aproximadores con llave 212-041-01 y de agujas de rechange 212-041-02

BIEMER Approssimatori con chiave 212-041-01 e di aghi di ricambio 212-041-02

212-041-00

Key only

Schlüssel allein

Clef seule

Llave suelta

Sola chiave

212-041-01

1 Pair of spare needles

1 Paar Ersatznadeln

1 paire d'aiguilles de rechange

1 par de agujas de rechange

1 paio di aghi di ricambio

212-041-02

x	y	gms
---	---	-----

Length of jaws

Maullänge

Longuer des mors

Longitud de boca

Lunghg. di morsi

Opening of jaw

Maulöffnung

Ouverture des mors

Apertura de boca

Apertura di morsi

Closing Force

Schließdruck

Force de fermeture

Fuerza de cierre

Forza di chiusura

Applying forceps without lock

Anlegepinzette ohne Schloß

Pince sans fermeture

Pinza sin cierre de resorte

Applicatore senza cremagliera



BIEMER

14.5 cm/5¾"

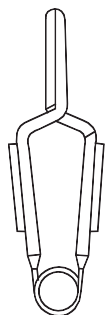
212-044-14



MÜLLER
Approximators

 Approximatoren
 Approximateurs
 Aproximadores
 Approssimatori

gms
Closing Force

 Schließdruck
 Force de fermeture
 Fuerza de cierre
 Forza di chiusura


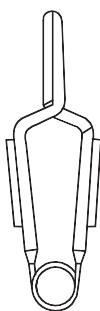
gms = 50

Newton = 0.49

212-030-50


gms = 80

Newton = 0.79

212-030-80


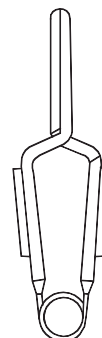
gms = 50

Newton = 0.49

212-031-50


gms = 80

Newton = 0.79

212-031-80


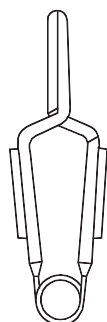
gms = 50

Newton = 0.49

212-033-50


gms = 80

Newton = 0.79

212-033-80


gms = 50

Newton = 0.49

212-035-50


gms = 80

Newton = 0.79

212-035-80


gms = 50

Newton = 0.49

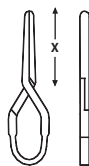
212-037-50


gms = 80

Newton = 0.79

212-037-80

FORCEPS AND CLAMPS



x	gms
---	-----

Length of jaws

Maullänge

Longuer des mors

Longitud de boca

Lungh. di morsi

Closing Force

Schließdruck

Force de fermeture

Fuerza de cierre

Forza di chiusura

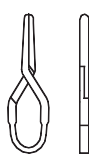
BULLDOG STANDARD**for temporary occlusion**

für temporären Gebrauch

pour occlusion temporaire

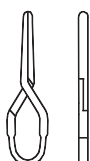
para oclusión temporal

per occlusioni temporari



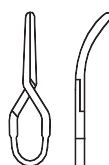
x = 7.0 mm

gms = 120-150

440-567-40

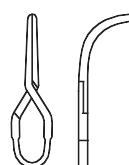
x = 9.0 mm

gms = 120-150

440-567-50

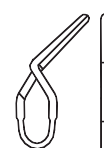
x = 9.0 mm

gms = 120-150

440-567-52

x = 9.0 mm

gms = 120-150

440-567-54

x = 9.0 mm

gms = 120-150

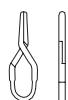
440-567-46**BULLDOG MINI****for temporary occlusion**

für temporären Gebrauch

pour occlusion temporaire

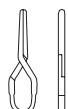
para oclusión temporal

per occlusioni temporari



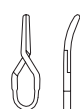
x = 4.0 mm

gms = 70-100

440-567-10

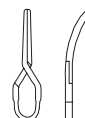
x = 5.0 mm

gms = 70-100

440-567-20

x = 6.0 mm

gms = 70-100

440-567-12

x = 7.0 mm

gms = 70-100

440-567-22

FORCEPS AND CLAMPS



x	Ø	V	A
Length	Vessel	Vein	Artery
Länge	Gefäß	Vene	Arterie
Longueur	Vaisseaux	Veine	Artère
Longitud	Vaso	Vena	Arteria
Lunghezza	Vaso	Vena	Arteria

Single Clips

Einzel Clips
Clips simples
Clip singular
Clips singoli

Packing unit 2 pieces

Verpackungseinheit 2 Stück
Boîtes de 2 pièces
Cajas con 2 piezas
Unità di 2 pezzi



	x = 8 mm	x = 11 mm	x = 16 mm	x = 24 mm	x = 35 mm
	Ø = 0.3 - 1.0 mm	Ø = 0.6 - 1.4 mm	Ø = 1.0 - 2.2 mm	Ø = 1.5 - 3.3 mm	Ø = 2.0 - 5.0 mm
V	212-052-11	212-052-12	212-052-13	212-052-14	212-052-15
	212-052-11B	212-052-12B	212-052-13B	212-052-14B	212-052-15B
A	212-052-01	212-052-02	212-052-03	212-052-04	212-052-05
	212-052-01B	212-052-02B	212-052-03B	212-052-04B	212-052-05B



	x = 8 mm	x = 11 mm	x = 16 mm
	Ø = 0.3 - 1.0 mm	Ø = 0.6 - 1.4 mm	Ø = 1.0 - 2.2 mm
V	212-052-31	212-052-32	212-052-33
	212-052-31B	212-052-32B	212-052-33B
A	212-052-21	212-052-22	212-052-23
	212-052-21B	212-052-22B	212-052-23B

B =
Black coated
Schwarz beschichtet
Noir enduit
Negro recubierto
Nero politenato

FORCEPS AND CLAMPS

Approximators

Approximatoren

Approximateurs

Aproximadores

Approssimatori



x	Ø	V	A
---	---	---	---

Length

Länge

Longueur

Longitud

Lunghezza

Vessel

Gefäß

Vaisseaux

Vaso

Vaso

Vein

Vene

Veine

Vena

Vena

Artery

Artérie

Artère

Arteria

Arteria



x = 8 mm



x = 11 mm



x = 16 mm



x = 24 mm



x = 35 mm

	Ø = 0.3 - 1.0 mm	Ø = 0.6 - 1.4 mm	Ø = 1.0 - 2.2 mm	Ø = 1.5 - 3.3 mm	Ø = 2.0 - 5.0 mm
V	212-052-51	212-052-52	212-052-53	212-052-54	212-052-54
	212-052-51B	212-052-52B	212-052-53B	212-052-54B	212-052-54B
A	212-052-41	212-052-42	212-052-43	212-052-44	212-052-44
	212-052-41B	212-052-42B	212-052-43B	212-052-44B	212-052-44B



x = 8 mm



x = 11 mm



x = 16 mm

	Ø = 0.3 - 1.0 mm	Ø = 0.6 - 1.4 mm	Ø = 1.0 - 2.2 mm
V	212-052-71	212-052-72	212-052-73
	212-052-71B	212-052-72B	212-052-73B
A	212-052-61	212-052-62	212-052-63
	212-052-61B	212-052-62B	212-052-63B



x = 8 mm



x = 11 mm



x = 16 mm

	Ø = 0.3 - 1.0 mm	Ø = 0.6 - 1.4 mm	Ø = 1.0 - 2.2 mm
V	212-052-91	212-052-92	212-052-93
	212-052-91B	212-052-92B	212-052-93B
A	212-052-81	212-052-82	212-052-83
	212-052-81B	212-052-82B	212-052-83B

B =

Black coated

Schwarz beschichtet

Noir enduit

Negro recubierto

Nero politenato

FORCEPS AND CLAMPS

for clips 8 - 11 mm

für Clips 8 - 11 mm
pour clips 8 - 11 mm
para clips 8 - 11 mm
per clips 8 - 11 mm

without lock

ohne Schloß
sans fermeture
sin cierre de resorte
senza cremagliera



ACLAND
14 cm/5½"

212-053-00

with lock

mit Schloß
avec fermeture
con cierre de resorte
con cremagliera



ACLAND
14 cm/5½"

212-053-10

for clips 16 - 35 mm

für Clips 16 - 35 mm
pour clips 16 - 35 mm
para clips 16 - 35 mm
per clips 16 - 35 mm

without lock

ohne Schloß
sans fermeture
sin cierre de resorte
senza cremagliera

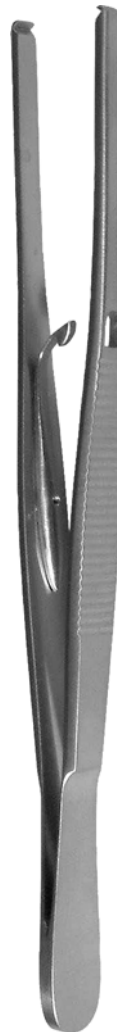


ACLAND
14 cm/5½"

212-053-02

with lock

mit Schloß
avec fermeture
con cierre de resorte
con cremagliera



ACLAND
14 cm/5½"

212-053-12

for clips 8 - 11 mm

für Clips 8 - 11 mm
pour clips 8 - 11 mm
para clips 8 - 11 mm
per clips 8 - 11 mm

without lock

ohne Schloß
sans fermeture
sin cierre de resorte
senza cremagliera



ACLAND
14 cm/5½"

212-053-01

with lock

mit Schloß
avec fermeture
con cierre de resorte
con cremagliera



ACLAND
14 cm/5½"

212-053-11

FORCEPS AND CLAMPS

SLS Standard		Applying forceps Anlegezange Pincers pour appliquer des clips Pinzas para aplicación Pinza per applicare clip	
MICRO mikro micro micro micro	white weiß blanc blanco bianco	15 cm/6"	440-000-15
		19 cm/7½"	440-000-19
		28 cm/11"	440-000-28
SMALL klein petit pequeño piccolo	yellow gelb jaune amarillo giallo	15 cm/6"	440-001-15
		19 cm/7½"	440-001-19
		28 cm/11"	440-001-28
SMALL-MEDIUM klein- mittel petit-moyen pequeño-mediano piccolo-medio	purple lila violet morado ametista	15 cm/6"	440-002-15
		19 cm/7½"	440-002-19
		28 cm/11"	440-002-28
MEDIUM mittel moyen mediano medio	blue blau bleu azul blu	15 cm/6"	440-003-15
		19 cm/7½"	440-003-19
		28 cm/11"	440-003-28
MEDIUM-LARGE mittel groß moyen large medio grande medio grande	green grün vert verde verde		
		19 cm/7½"	440-004-19
		28 cm/11"	440-004-28
LARGE groß large grande grande	orange orange orange naranja arancio		
		19 cm/7½"	440-005-19
		28 cm/11"	440-005-28



ETHICON		Applying forceps Anlegezange Pincers pour appliquer des clips Pinzas para aplicación Pinza per applicare clip		Titanium clips, Packing unit Titan-Clips, Packungsgröße Clips en titane, Unité d'emballage Clips de titanio, Contenido de caja Clip in titanio, Unità di confezione
SMALL klein petit pequeño piccolo	blue blau bleu azul blu	15 cm/6"	440-006-15	36 à 6 Clips 092-909-31
		19 cm/7½"	440-006-19	
MEDIUM mittel moyen mediano medio	white weiß blanc blanco bianco	15 cm/6"	440-007-15	36 à 6 Clips 092-909-32
		19 cm/7½"	440-007-19	
		28 cm/11"	440-007-28	
MEDIUM-LARGE mittel groß moyen large medio grande medio grande	green grün vert verde verde			36 à 6 Clips 092-909-30
		19 cm/7½"	440-008-19	
		28 cm/11"	440-008-28	
LARGE groß large grande grande	yellow gelb jaune amarillo giallo			36 à 6 Clips 092-909-34
		19 cm/7½"	440-009-19	
		28 cm/11"	440-009-28	



Titanium clips
Titan-Clips
Clips en titane
Clips de titanio
Clips di titanio

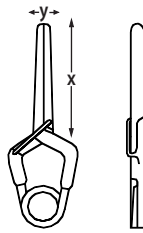
FORCEPS AND CLAMPS

YASARGIL-STANDARD

for permanent closure

für permanenten Verschluss
pour la fermeture permanente
para el cierre permanente
per la chiusura permanente

Titanium
Titan
Titane
Titanio
Titanio



x	y	gms
---	---	-----

jaw length

Maullänge
longueur du mors
longitud de la boca
lunghezza del morso

max. jaw opening

max. Maulöffnung
ouverture max. du mors
apertura máx. de la boca
apertura mass.

Closing Force

Schließdruck
Force de fermeture
Fuerza de cierre
Forza di chiusura



x = 7.0 mm

y = 6.2 mm

gms = 150

440-920-62
440-920-63


x = 9.0 mm

y = 7.0 mm

gms = 180

440-920-70
440-920-71


x = 11.0 mm

y = 7.8 mm

gms = 180

440-920-78
440-920-79


x = 15.0 mm

y = 9.2 mm

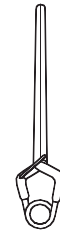
gms = 200

440-920-92
440-920-93


x = 17.0 mm

y = 10.6 mm

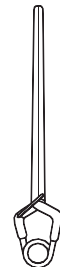
gms = 200

440-760-92
440-760-93


x = 20.0 mm

y = 11.4 mm

gms = 200

440-770-90
440-770-91


x = 25.0 mm

y = 13.3 mm

gms = 200

440-780-40
440-780-41


x = 7.0 mm

y = 6.0 mm

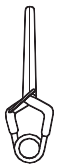
gms = 150

440-922-60
440-922-61


x = 9.0 mm

y = 6.8 mm

gms = 180

440-922-68
440-922-69


x = 11.0 mm

y = 7.5 mm

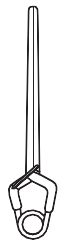
gms = 180

440-742-98
440-922-76


x = 15.0 mm

y = 8.7 mm

gms = 200

440-920-87
440-920-88


x = 20.0 mm

y = 11.0 mm

gms = 200

440-920-10
440-920-11


x = 7.0 mm

y = 5.5 mm

gms = 150

440-924-55
440-924-56


x = 9.0 mm

y = 6.1 mm

gms = 180

440-924-61
440-924-62


x = 11.0 mm

y = 6.5 mm

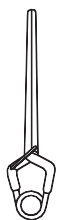
gms = 180

440-924-65
440-924-66


x = 15.0 mm

y = 7.4 mm

gms = 200

440-920-73
440-920-74


x = 17.0 mm

y = 9.9 mm

gms = 200

440-920-99
440-920-00


x = 7.0 mm

y = 5.4 mm

gms = 180

440-924-54
440-924-57


x = 9.0 mm

y = 5.8 mm

gms = 180

440-924-58
440-924-59


x = 11.0 mm

y = 6.2 mm

gms = 180

440-924-63
440-924-64

FORCEPS AND CLAMPS

YASARGIL -MINI

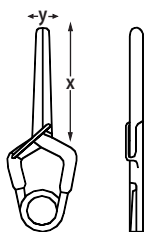
for permanent closure

für permanenten Verschluss

pour la fermeture permanente

para el cierre permanente

per la chiusura permanente



x	y	gms
---	---	-----

jaw length

Maullänge

longueur du mors

longitud de la boca

lunghezza del morso

max. jaw opening

max. Maulöffnung

ouverture max. du mors

apertura máx. de la boca

apertura mass.

Closing Force

Schließdruck

Force de fermeture

Fuerza de cierre

Forza di chiusura

Titanium

Titan

Titane

Titanio

Titanio



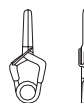
x = 3.0 mm

y = 3.3 mm

gms = 110

440-570-30

440-570-31



x = 5.0 mm

y = 4.0 mm

gms = 110

440-580-35

440-580-36



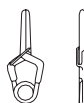
x = 3.0 mm

y = 3.3 mm

gms = 110

440-690-30

440-690-31



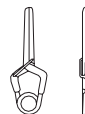
x = 5.0 mm

y = 4.0 mm

gms = 110

440-692-35

440-692-36



x = 7.0 mm

y = 4.6 mm

gms = 110

440-710-40

440-710-41



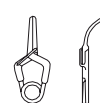
x = 3.0 mm

y = 3.2 mm

gms = 110

440-572-30

440-572-31



x = 4.0 mm

y = 3.8 mm

gms = 110

440-584-38

440-584-39



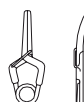
x = 4.0 mm

y = 3.6 mm

gms = 110

440-582-31

440-582-32



x = 5.0 mm

y = 3.8 mm

gms = 110

440-694-35

440-694-38



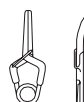
x = 4.0 mm

y = 3.6 mm

gms = 110

440-694-36

440-694-37



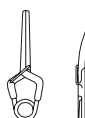
x = 5.0 mm

y = 4.0 mm

gms = 110

440-694-40

440-694-41



x = 7.0 mm

y = 4.4 mm

gms = 110

440-712-38

440-712-39



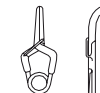
x = 4.0 mm

y = 3.6 mm

gms = 110

440-584-36

440-584-37



x = 4.0 mm

y = 3.5 mm

gms = 110

440-694-31

440-694-32

FORCEPS AND CLAMPS



Non rotating
Nicht drehbar
Non orientable
No giratoria
Non rotante

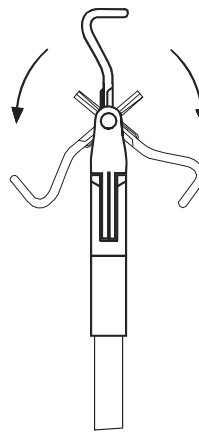


	MINI	STANDARD
180 mm 7"	440-776-18	440-778-18

Rotating
Drehbar
Orientable
Giratoria
Rotante



	MINI	STANDARD
180 mm 7"	440-776-20	440-778-20



Rotating
Drehbar
Orientable
Giratoria
Rotante

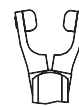


Non rotating
Nicht drehbar
Non orientable
No giratoria
Non rotante



	MINI	STANDARD
170 mm 6¾"	440-772-17	440-774-17
210 mm 8¼"	440-772-21	440-774-21
230 mm 9"	440-772-23	440-774-23

Rotating
Drehbar
Orientable
Giratoria
Rotante



	MINI	STANDARD
170 mm 6¾"	440-772-18	440-774-19
210 mm 8¼"	440-772-31	440-774-22
230 mm 9"	440-772-24	440-774-24

FORCEPS AND CLAMPS



18 Clips
 150 x 95 x 13 mm
988-765-02

Stainless steel
 Edelstahl
 Acier inoxydable
 Acero inoxidable
 Acciaio inox



Stainless steel
 Edelstahl
 Acier inoxydable
 Acero inoxidable
 Acciaio inox

50 x 25 x 4.5 mm	988-118-50
65 x 42 x 8 mm	988-118-65
75 x 25 x 4.5 mm	988-118-75
80 x 42 x 8 mm	988-118-80

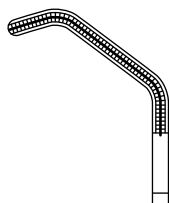


42 Clips
 210 x 125 x 17 mm
988-765-03

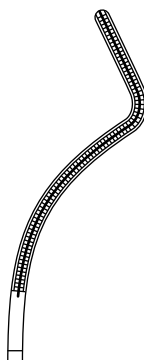
Stainless steel
 Edelstahl
 Acier inoxydable
 Acero inoxidable
 Acciaio inox



FORCEPS AND CLAMPS

**DE BAKEY****DE BAKEY-SATINSKY**

7 cm/2¾"

212-059-07**DE BAKEY-CAROTIS**

9 cm/3½"

212-061-09**DE BAKEY-SATINSKY**

10 cm/4"

212-063-10**GLOVER**

5.5 cm/2¼", 35 mm

212-065-06**GLOVER-MINI (WELDON)**

35 mm/1½" 14 mm

**212-070-35****212-071-35****212-073-35****212-075-35****GLOVER-MINI (WELDON)**

45 mm/1¾" 17 mm

**212-070-45****212-071-45****DE BAKEY-GLOVER**

50 mm/2"

212-070-50**DE BAKEY-GLOVER**

50 mm/2"

212-071-50

FORCEPS AND CLAMPS



GREGORY-\"SOFT\"



left
 links
 à gauche
 izquierda
 sinistra

110 mm/4¼"
 60 mm

212-088-01



right
 rechts
 à droite
 derecha
 destra

110 mm/4¼"
 60 mm

212-088-02



SANTULLI

70 mm/2¾" 30 mm

212-089-07

FORCEPS AND CLAMPS

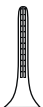
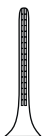
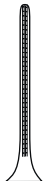
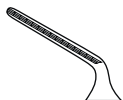
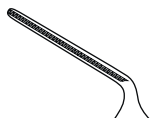


ATRAUMA



DE BAKEY

DE BAKEY-DITRICH

						
	212-078-10	212-078-14	212-078-20	212-079-10	212-079-14	212-079-20
Length Länge Longueur Longitud Lunghezza	5 cm/2"	5 cm/2"	6 cm/2½"	5 cm/2"	5 cm/2"	6 cm/2½"
Jaw length Maullänge Longueur des mors Longitud de la boca Lunghezza del morso	10 mm	14 mm	20 mm	10 mm	14 mm	20 mm
Weight Gewicht Poids Peso Peso	3 gr.	3 gr.	3 gr.	3 gr.	3 gr.	3 gr.
Closing pressure Schließdruck Pression d'occlusion Presión de cierre Pressione di chiusura	180 gr.	180 gr.	180 gr.	180 gr.	180 gr.	180 gr.

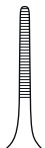
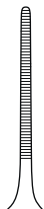
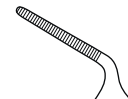
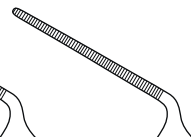
ATRAUMA



DE BAKEY



DIETRICH

						
	212-082-08	212-082-12	212-082-20	212-083-08	212-083-12	212-083-20
Length Länge Longueur Longitud Lunghezza	5 cm/2"	5 cm/2"	6 cm/2½"	5 cm/2"	5 cm/2"	6 cm/2½"
Jaw length Maullänge Longueur des mors Longitud de la boca Lunghezza del morso	8 mm	12 mm	20 mm	8 mm	12 mm	20 mm
Weight Gewicht Poids Peso Peso	3 gr.	3 gr.	3 gr.	3 gr.	3 gr.	3 gr.
Closing pressure Schließdruck Pression d'occlusion Presión de cierre Pressione di chiusura	50 gr.	50 gr.	50 gr.	50 gr.	50 gr.	50 gr.

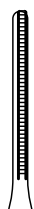
ATRAUMA



DE BAKEY

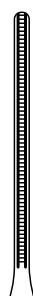


DE BAKEY



7.5 cm/3" 20 mm

212-092-07



8.5 cm/3½" 30 mm

212-092-08



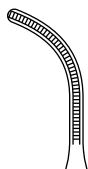
10.5 cm/4¼" 45 mm

212-092-10



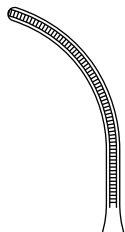
12 cm/4¾" 68 mm

212-092-12



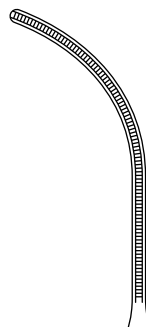
7 cm/2¾" 20 mm

212-093-07



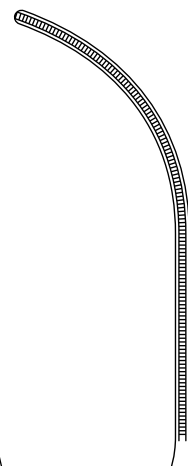
8 cm/3¼" 30 mm

212-093-08



10.5 cm/4¼" 45 mm

212-093-10



11.5 cm/4¾" 68 mm

212-093-12

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



GLOVER



70 mm/2¾" 20 mm

212-096-06



80 mm/3" 30 mm

212-096-07



95 mm/3½" 43 mm

212-096-09



115 mm/4½" 56 mm

212-096-11



GLOVER



55 mm/2¼" 20 mm

212-097-06



75 mm/2¾" 30 mm

212-097-07



85 mm/3½" 43 mm

212-097-09



105 mm/4½" 56 mm

212-097-11

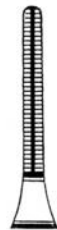
ATRAUMA



COOLEY

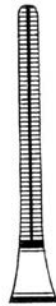


COOLEY



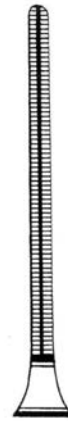
80 mm/3" 20 mm

212-084-08



90 mm/3½" 30 mm

212-084-09



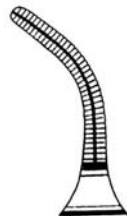
105 mm/4¼" 45 mm

212-084-10



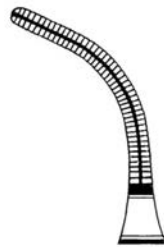
125 mm/4¾" 68 mm

212-084-12



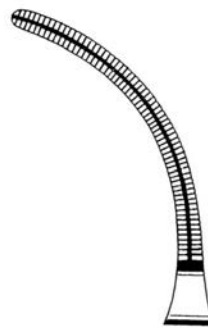
75 mm/2¾" 20 mm

212-085-08



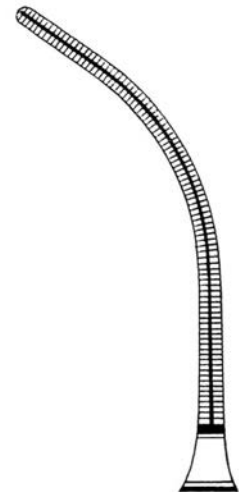
85 mm/3¼" 30 mm

212-085-09



95 mm/3¾" 45 mm

212-085-10



115 mm/4½" 68 mm

212-085-12

FORCEPS AND CLAMPS



DIEFFENBACH

3.5 cm/1½"

212-102-04

212-103-04

5 cm/2"

212-102-05

212-103-05



DIEFFENBACH

5.8 cm/2¼"

212-104-06

212-105-06



JOHN-HOPKINS

5 cm/2"

212-110-50

212-111-50

5.5 cm/2¼"

212-110-55

212-111-55

6.5 cm/2½"

212-110-60

212-111-60

7 cm/2¾"

212-110-65

212-111-65

7.5 cm/3"

212-110-75

212-111-75

9 cm/3½"

212-110-90

212-111-90



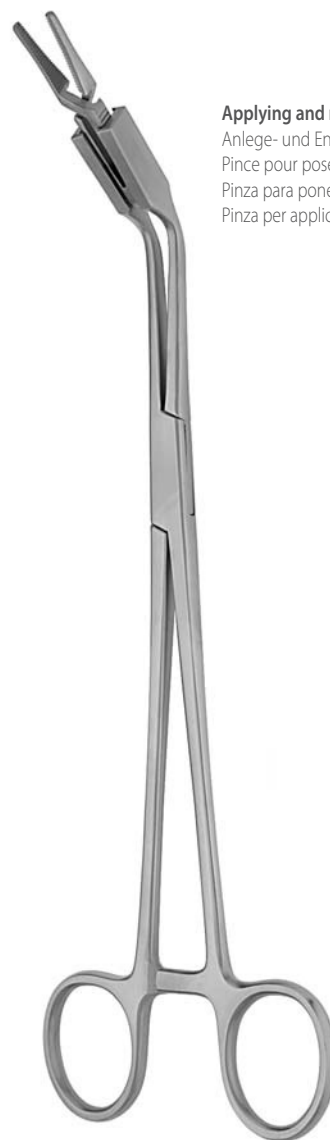
20 mm

212-112-20



30 mm

212-112-30



23 cm/8¼"

212-091-23



Applying and removing forceps for Bulldog clamps

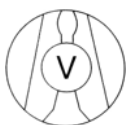
Anlege- und Entfernungszange für Bulldogklemmen

Pince pour poser et retirer les clamps Bulldog

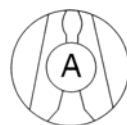
Pinza para poner y quitar clamps Bulldog

Pinza per applicare e rimuovere clamps

FORCEPS AND CLAMPS

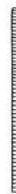


soft closing pressure, for veins
 schwache Schließkraft, für Venen
 force de fermeture faible, pour veines
 fuerza de cierre pequeña, para venas
 forza di chiusura debole, per vene



starke Schließkraft, für Arterien
 strong closing pressure, for arteries
 force de fermeture forte, pour artères
 fuerza de cierre grande, para arterias
 forza di chiusura forte, per arterie

Titanium
 Titan
 Titane
 Titanio
 Titanio

				
	3 cm	3.5 cm	4 cm	5 cm
Vena	212-132-30	212-132-35	212-132-40	212-132-50
Artria	212-142-30	212-142-35	212-142-40	212-142-50



				
	3 cm	3.5 cm	4 cm	5 cm
Vena	212-133-30	212-133-35	212-133-40	212-133-50
Artria	212-143-30	212-143-35	212-143-40	212-143-50

				
	3 cm	3.5 cm	4 cm	5 cm
Vena	212-135-30	212-135-35	212-135-40	212-135-50
Artria	212-145-30	212-145-35	212-145-40	212-145-50

FORCEPS AND CLAMPS



FORCEPS AND CLAMPS



HARTMANN (BABY-MOSQUITO)

9 cm/3½"



212-210-09



212-211-09

1 x 2

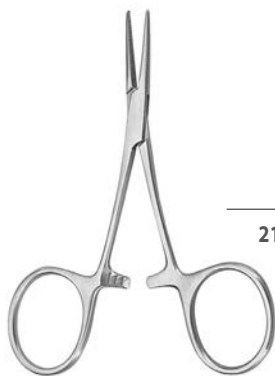


212-212-09

1 x 2

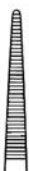


212-213-09



HARTMANN

10 cm/4"



212-210-10



212-211-10

1 x 2



212-212-10

1 x 2



212-213-10



12 cm/4¾"

212-215-12

Cross-serrated jaws

Maul kreuzgerieft

Mors à striure en croix

Bocas con estrias cruzadas

Morso con striature trasversali

Titanium

Titan

Titane

Titanio

Titanio



HALSTED-MOSQUITO



straight



curved

	straight	curved
12.5 cm/5"	212-220-12	212-221-12
12.5 cm/5"	212-224-12	212-225-12
14.5 cm/5¾"	212-220-14	212-221-14

1 x 2



straight

1 x 2



curved

	straight	curved
12.5 cm/5"	212-230-12	212-231-12
12.5 cm/5"	212-234-12	212-235-12
14.5 cm/5¾"	212-230-14	212-231-14

FORCEPS AND CLAMPS



HALSTED-MOSQUITO MICRO

		
	straight	curved
10 cm/4"	212-222-10	212-223-10
12 cm/4¾"	212-222-12	212-223-12

		
	straight	curved
10 cm/4"	212-232-10	212-233-10
12 cm/4¾"	212-232-12	212-233-12



HALSTED-MOSQUITO

		
	straight	curved
18 cm/7"	212-220-18	212-221-18
21 cm/8¼"	212-220-21	212-221-21

		
	straight	curved
18 cm/7"	212-230-18	212-231-18
21 cm/8¼"	212-230-21	212-231-21

FORCEPS AND CLAMPS

Titanium

Titan

Titane

Titanio

**KELLY**

14 cm/5½"



straight

212-240-14

212-244-14



curved

212-241-14

212-245-14

**KELLY-RANKIN**

16 cm/6¼"



straight

212-242-16



curved

212-243-16

**CRILE**

14 cm/5½"



straight

212-250-14

212-254-14



curved

212-251-14

212-255-14



straight

212-260-14



curved

212-264-14

FORCEPS AND CLAMPS



CRILE-RANKIN
16 cm/6¼"



straight

212-262-16



curved

212-263-16

1 x 2



straight

212-264-16

1 x 2



curved

212-265-16



DUNHILL



12.5 cm/5"

212-277-13



19 cm/7½"

212-277-19



PROVIDENCE-HOSPITAL
14 cm/5½"



straight

212-270-14



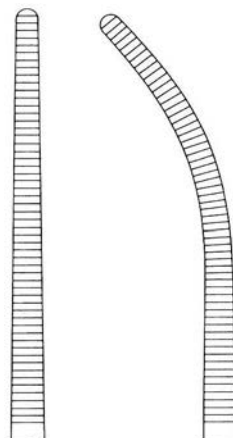
curved

212-271-14

FORCEPS AND CLAMPS



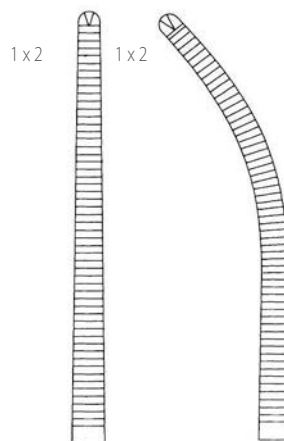
ROCHESTER-OGHSNER



	straight	curved
14 cm/5½"	212-310-14	212-311-14
16 cm/6¼"	212-310-16	212-311-16
18 cm/7"	212-310-18	212-311-18
20 cm/8"	212-310-20	212-311-20
22 cm/8¾"	212-310-22	212-311-22
24 cm/9½"	212-310-24	212-311-24
26 cm/10¼"	212-310-26	212-311-26
30 cm/12"	212-310-30	212-311-30



ROCHESTER-OGHSNER



	straight	curved
14 cm/5½"	212-320-14	212-321-14
16 cm/6¼"	212-320-16	212-321-16
18 cm/7"	212-320-18	212-321-18
20 cm/8"	212-320-20	212-321-20
22 cm/8¾"	212-320-22	212-321-22
24 cm/9½"	212-320-24	212-321-24
26 cm/10¼"	212-320-26	212-321-26
30 cm/12"	212-320-30	212-321-30

FORCEPS AND CLAMPS

Delicate pattern

 Graziles Modell
 Modèle délicat
 Modelo grácil
 Modello gracile

PEAN

straight

curved

	straight	curved
13 cm/5"	212-312-13	212-313-13
14 cm/5½"	212-312-14	212-313-14
16 cm/6¼"	212-312-16	212-313-16

Delicate pattern

 Graziles Modell
 Modèle délicat
 Modelo grácil
 Modello gracile

KOCHER

1:2

1 x 2


straight

1 x 2


curved

	straight	curved
13 cm/5"	212-322-13	212-323-13
14 cm/5½"	212-322-14	212-323-14
16 cm/6¼"	212-322-16	212-323-16

FORCEPS AND CLAMPS



PEAN-NIPPON



straight



curved

	straight	curved
14 cm/5½"	212-316-14	212-317-14
16 cm/6¼"	212-316-16	212-317-16
18 cm/7"	212-316-18	212-317-18



KOCHER-NIPPON

1:2

1 x 2



straight

1 x 2



curved

	straight	curved
14 cm/5½"	212-326-14	212-327-14
16 cm/6¼"	212-326-16	212-327-16
18 cm/7"	212-326-18	212-327-18

FORCEPS AND CLAMPS



SPENCER-WELLS



straight



curved

	straight	curved
13 cm/5"	212-330-13	212-331-13
14 cm/5½"	212-330-14	212-331-14
15 cm/6"	212-330-15	212-331-15
18 cm/7"	212-330-18	212-331-18
20 cm/8"	212-330-20	212-331-20



ROCHESTER-CARMALT



straight



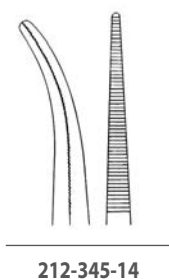
curved

	straight	curved
16 cm/6¼"	212-340-16	212-341-16
20 cm/8"	212-340-20	212-341-20

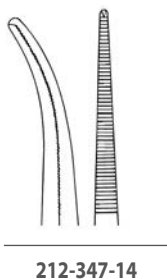
FORCEPS AND CLAMPS



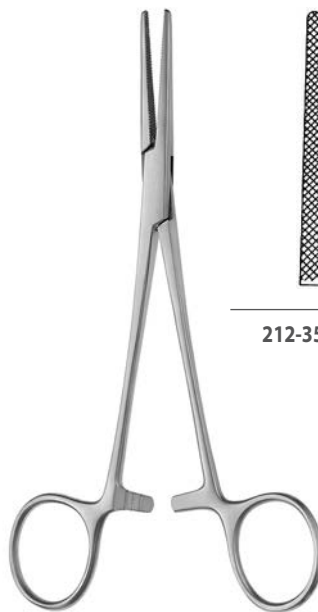
DANDY
14.5 cm/5¾"



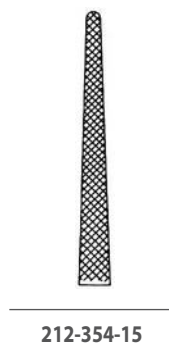
212-345-14



212-347-14



LOVELACE
15.5 cm/6"



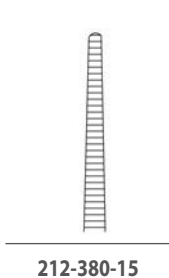
212-354-15



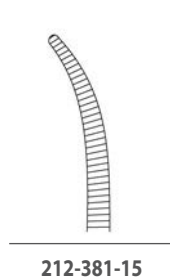
212-356-15



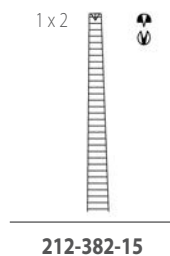
LERICHE
15 cm/6"



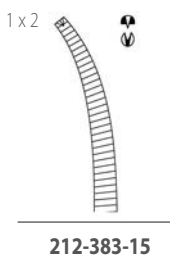
212-380-15



212-381-15



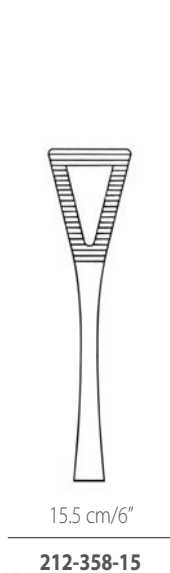
212-382-15



212-383-15



PENNINGTON



15.5 cm/6"

212-358-15



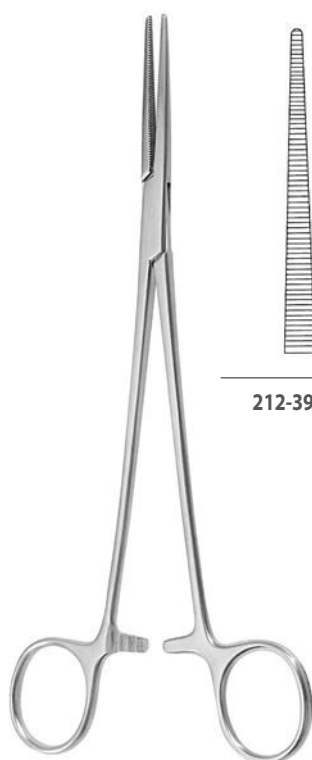
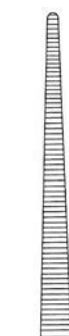
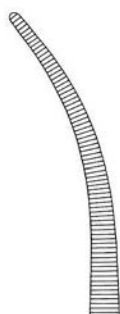
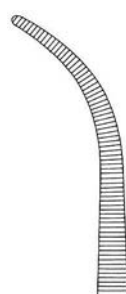
20 cm/8"

212-358-20

FORCEPS AND CLAMPS


BENGOLEA

	straight	curved	1 x 2 straight	1 x 2 curved
20 cm/8"	212-384-20	212-385-20	212-386-20	212-387-20
26 cm/10¼"	212-384-26	212-385-26	212-386-26	212-387-26


HEISS
 20 cm/8"

212-390-20

212-391-20

212-393-20

FUCHSIG
 19 cm/7½"

212-396-19

FORCEPS AND CLAMPS



ADSON BABY

14 cm/5½"

212-415-14

18 cm/7"

212-415-18



ADSON

18.5 cm/7¼"



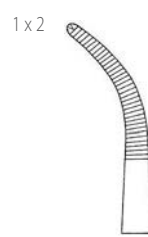
212-410-18



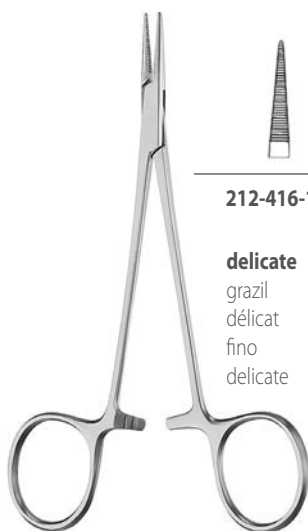
212-411-18



212-412-18



12-413-18



JACOBSON-MOSQUITO

12.5 cm/5"



212-416-12



212-417-12

delicate
grazil
délicat
fino
delicate



JACOBSON

18 cm/7"



212-416-18



212-417-18

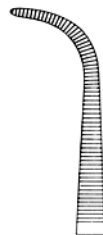


212-419-18

delicate
grazil
délicat
fino
delicate



GEMINI



13 cm/5"	212-431-13
14 cm/5½"	212-431-14
16 cm/6¼"	212-431-16
18 cm/7"	212-431-18
20 cm/8"	212-431-20
23 cm/9"	212-431-23
25 cm/10"	212-431-25
28 cm/11"	212-431-28

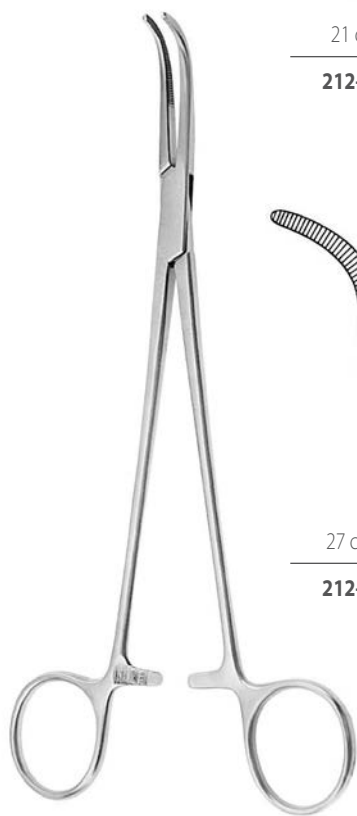
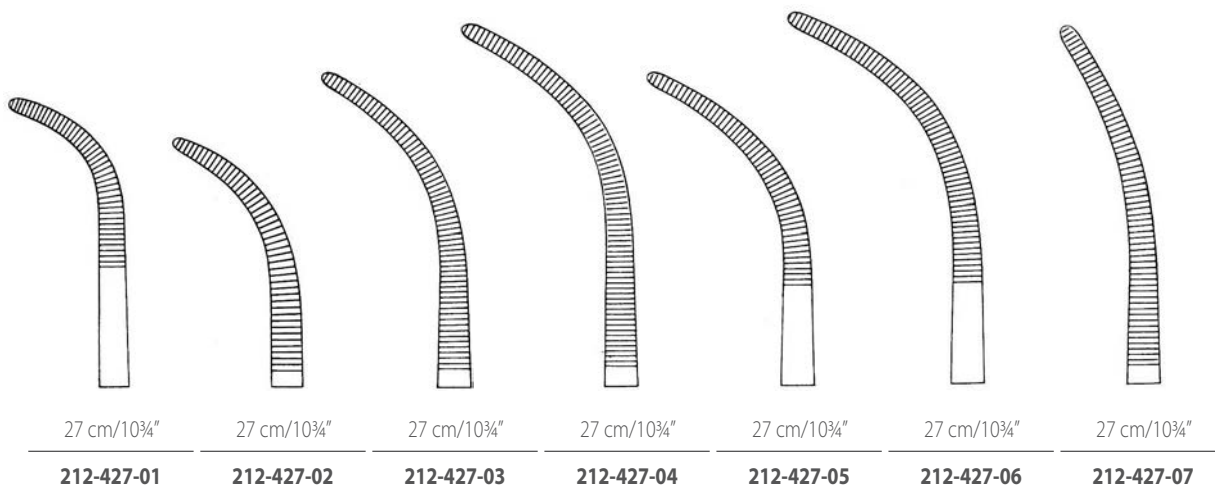
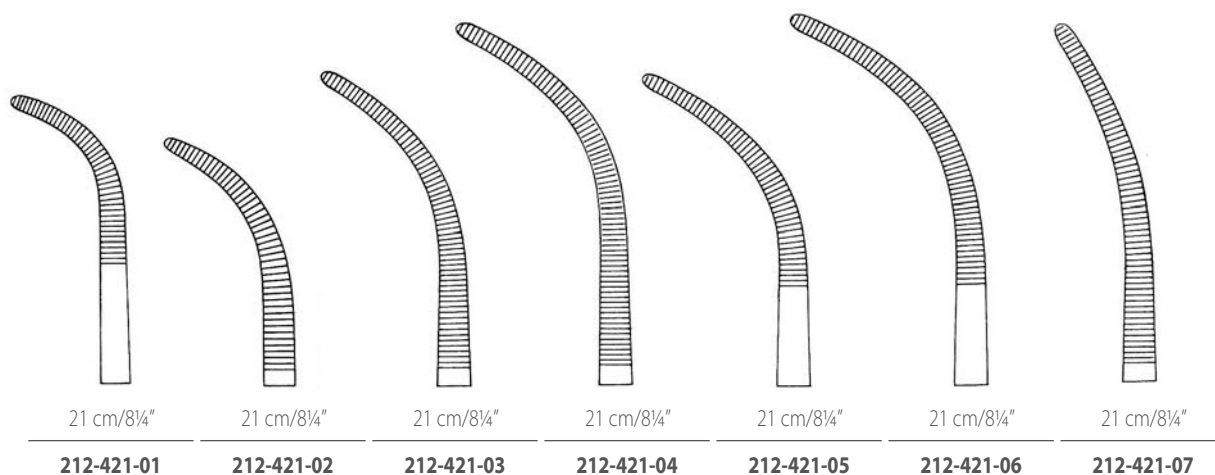


GEMINI MINI



18 cm/7"	212-433-18
22 cm/8¾"	212-433-22
25 cm/10"	212-433-25
28 cm/11"	212-433-28

FORCEPS AND CLAMPS



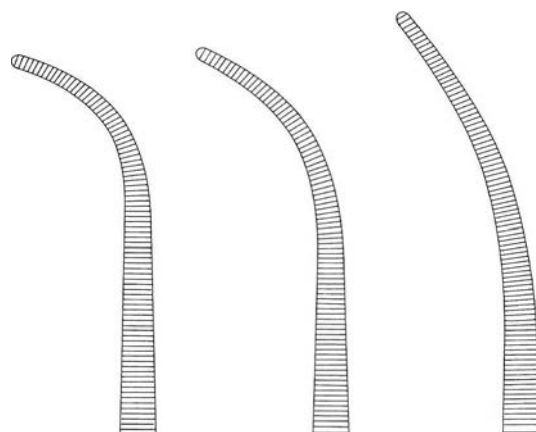
OVERHOLT-GEISSENDOERFER

FORCEPS AND CLAMPS


OVERHOLT-BABY

13.5 cm/5¼"

212-284-14

OVERHOLT


29.5 cm/12"

212-428-00

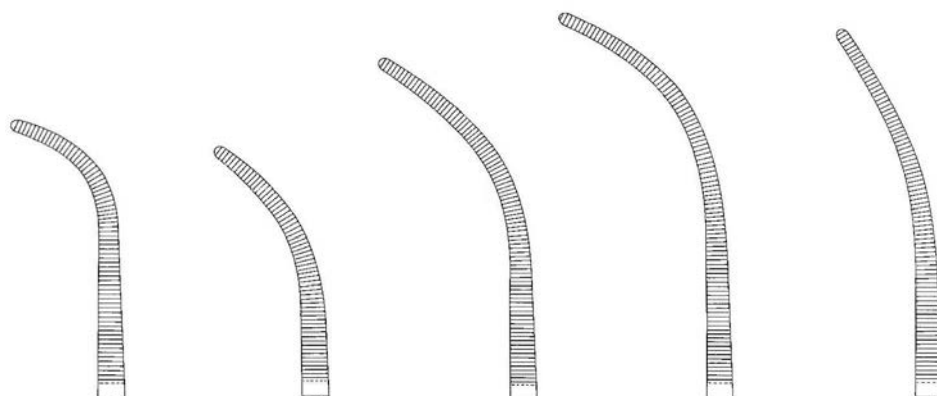
29.5 cm/12"

212-428-01

30 cm/12"

212-428-06

OVERHOLT FINO
delicate pattern

 graziles Modell
 modèle délicat
 modelo delicado
 modello delicato


21.5 cm/8½"

212-428-10

21 cm/8¼"

212-428-11

22 cm/8¾"

212-428-12

22.5 cm/9"

212-428-13

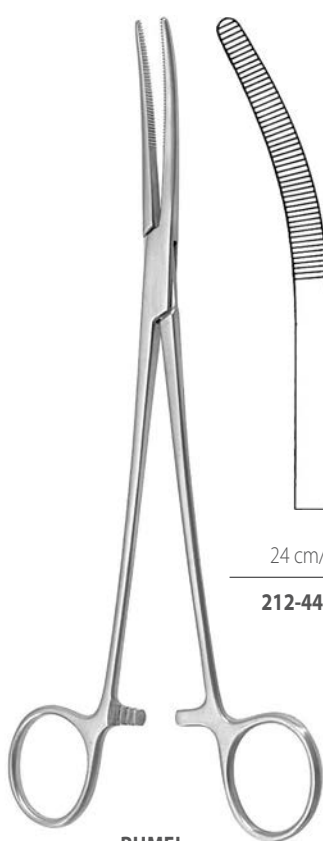
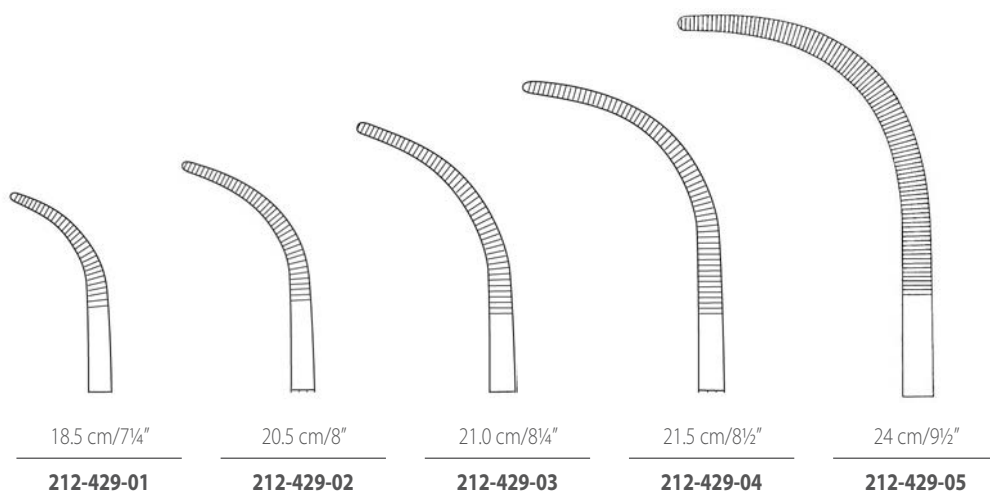
22.5 cm/9"

212-428-16

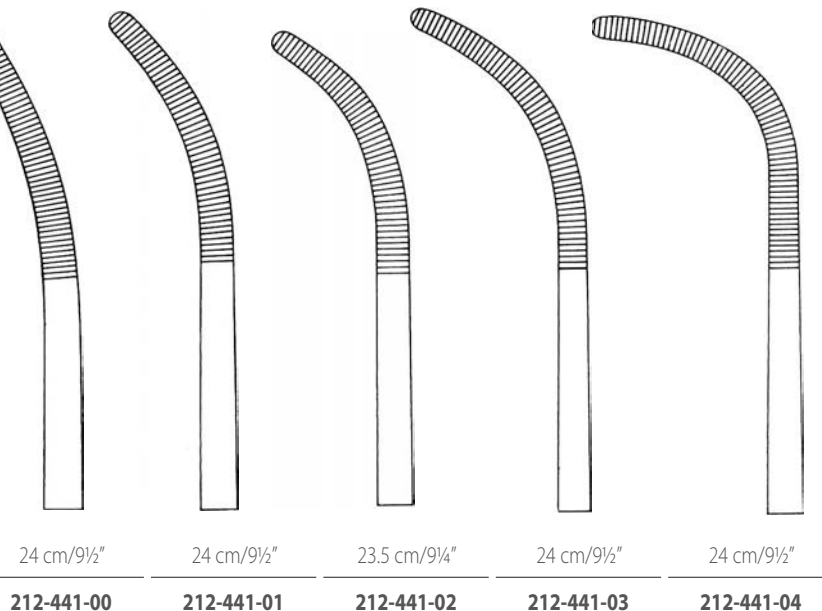
FORCEPS AND CLAMPS



OVERHOLT



RUMEL



VANDERBILT

21.5 cm/8½"

212-447-21

FORCEPS AND CLAMPS



ROBERTS



22 cm/8¾"

212-448-22



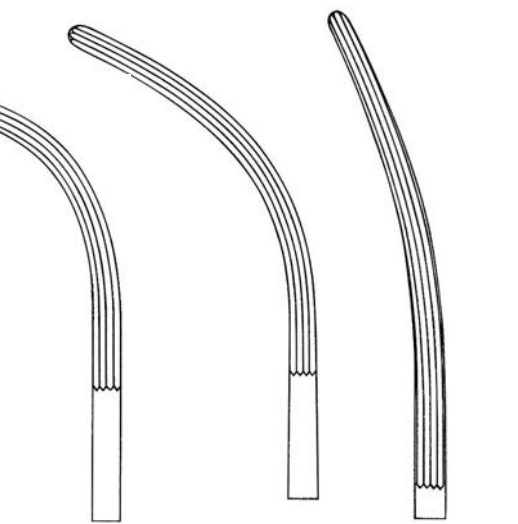
22 cm/8¾"

212-449-22



CRAFOORD SELLORS

24 cm/9½"



212-452-22

212-452-23

212-452-24

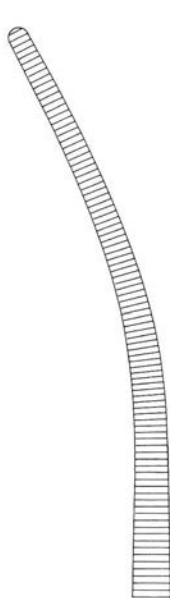


SAROT

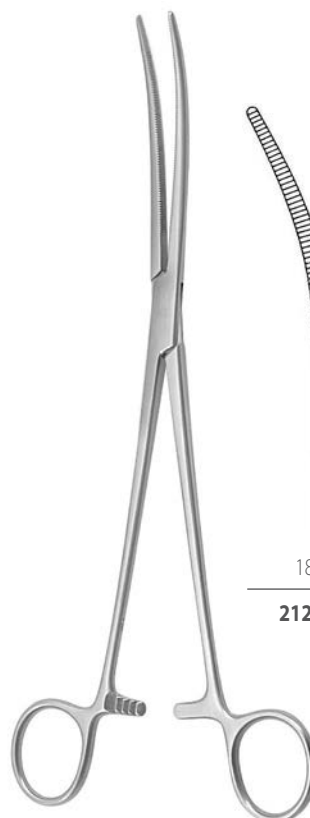
24 cm/9½"



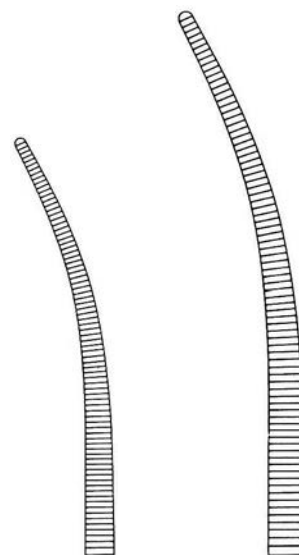
212-450-24



212-451-24



CRAFOORD



18 cm/7"

212-453-18

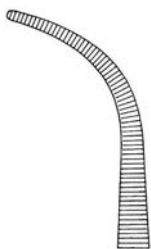
24 cm/9½"

212-453-24

FORCEPS AND CLAMPS



212-455-01



212-455-02

**ZENKER**

29.5 cm/12"

**MEEKER**

18 cm/7"

212-459-18

23 cm/9"

212-459-23

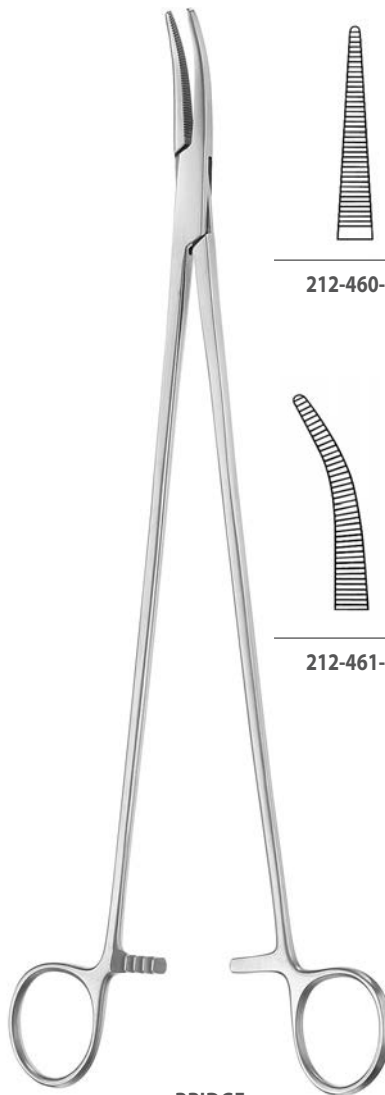
28 cm/11"

212-459-28

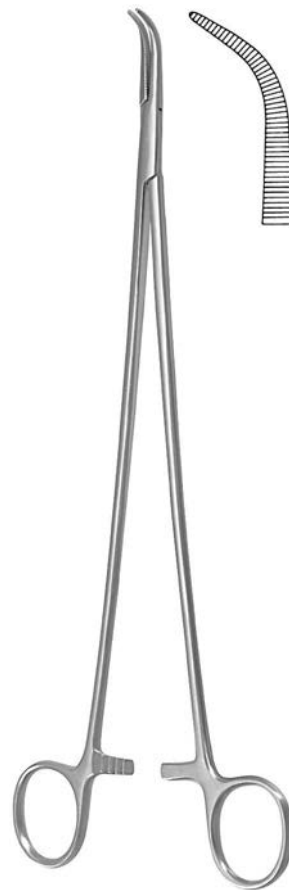
212-460-28



212-461-28

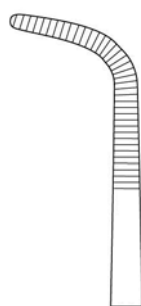
**BRIDGE**

28 cm/11"

**LAWRENCE**

28 cm/11"

212-457-28


KANTROWITZ


19 cm/7½"	212-461-19
24 cm/9½"	212-461-24
26 cm/10¼"	212-461-26


KELLY

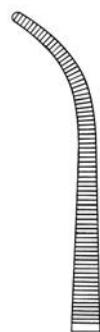
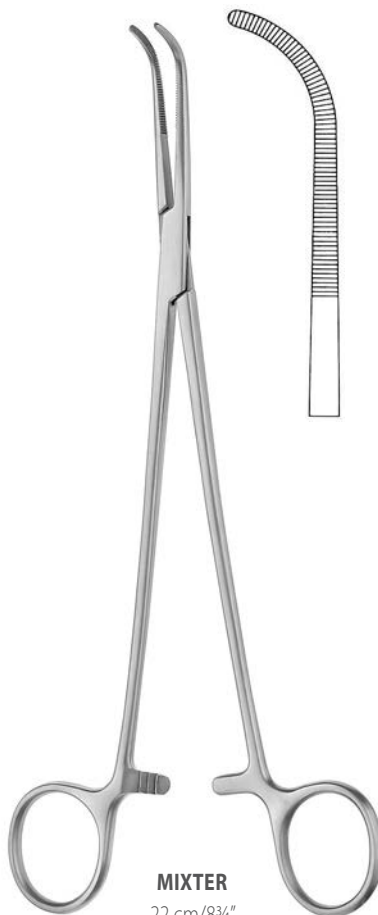
Fig. 1

Fig. 2

Fig. 3

	Fig. 1	Fig. 2	Fig. 3
19 cm/7½"	212-463-19	212-465-19	212-467-19
22 cm/8¾"	212-463-22	212-465-22	212-467-22
24 cm/9½"	212-463-24	212-465-24	212-467-24

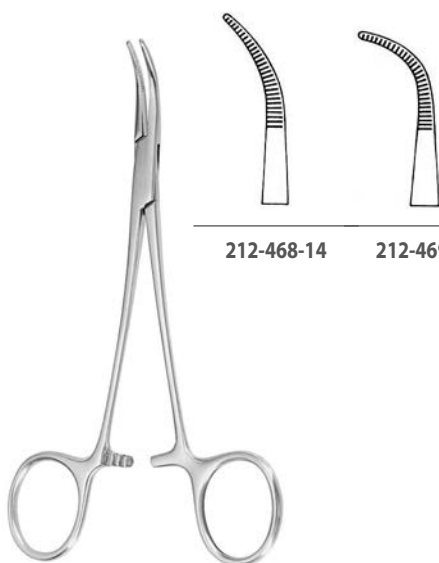
FORCEPS AND CLAMPS

**MIXTER**14 cm/5½" **212-471-14**16 cm/6¼" **212-471-16**18 cm/7" **212-471-18**23 cm/9" **212-471-23****MIXTER**

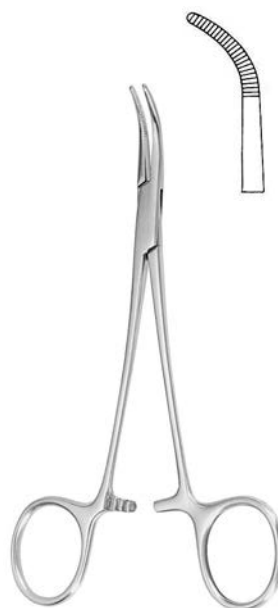
22 cm/8¾"

212-473-22**MIXTER**

23 cm/9"

212-473-23**BABY MIXTER**

14 cm/5½"

212-468-14**212-469-14****MIXTER BABY**

14 cm/5½"

212-475-14**MIXTER BABY**

18 cm/7"

212-475-18

FORCEPS AND CLAMPS


MIXTER-O'SHAUGNESSY

15.5 cm/6"

212-477-15

19.0 cm/7½"

212-477-19

MIXTER

18 cm/7"

212-479-18

22 cm/8¾"

212-479-22

25 cm/9¾"

212-479-25

28 cm/11"

212-479-28

OVERHOLT-MIXTER

21 cm/8¼"

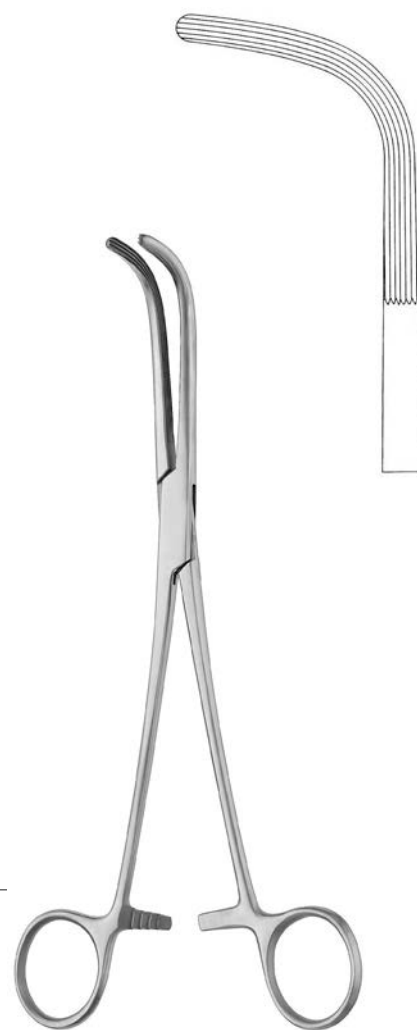
212-476-21

WICKSTROEM

21 cm/8¼"

212-478-21

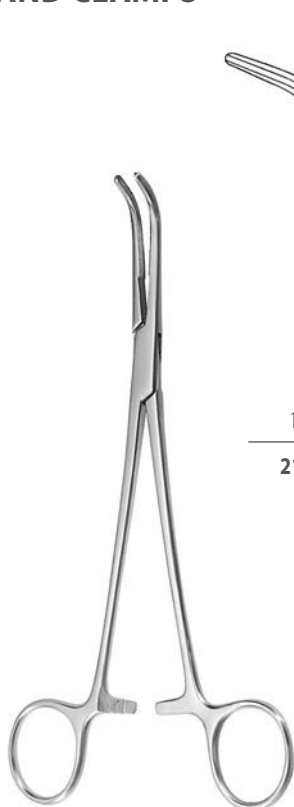
24 cm/9½"

212-478-24

MCQUIGG-MIXTER

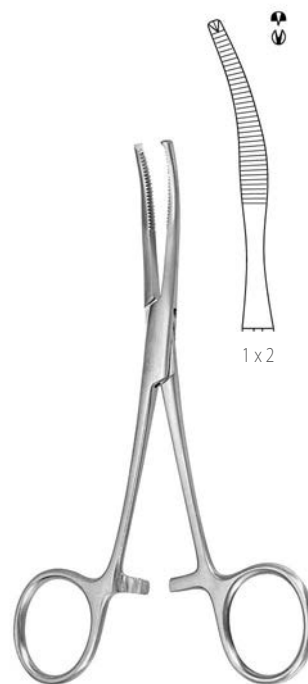
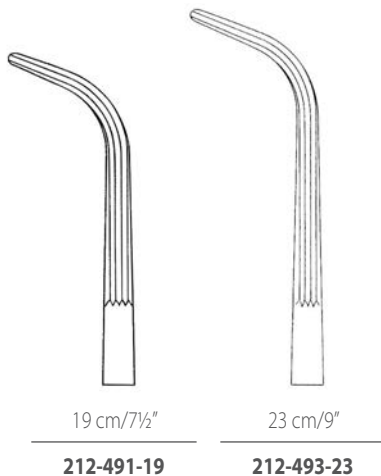
22 cm/8¾"

212-489-22

FORCEPS AND CLAMPS



LAHEY



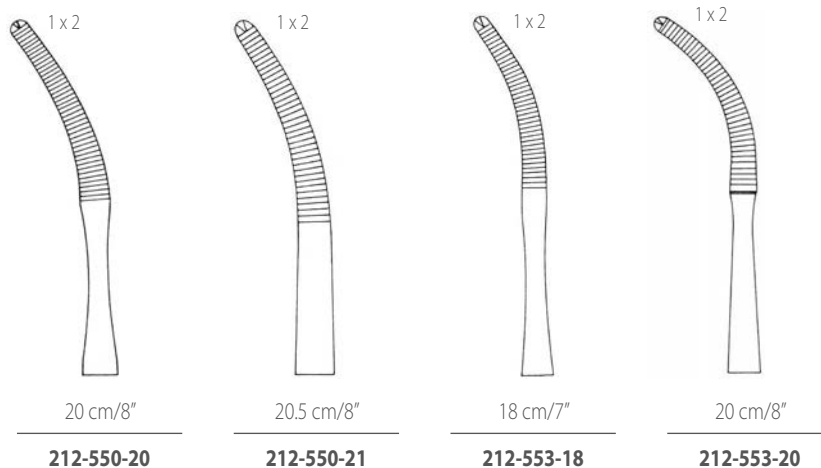
MIKULICZ-BABY

14 cm / 5 1/2"

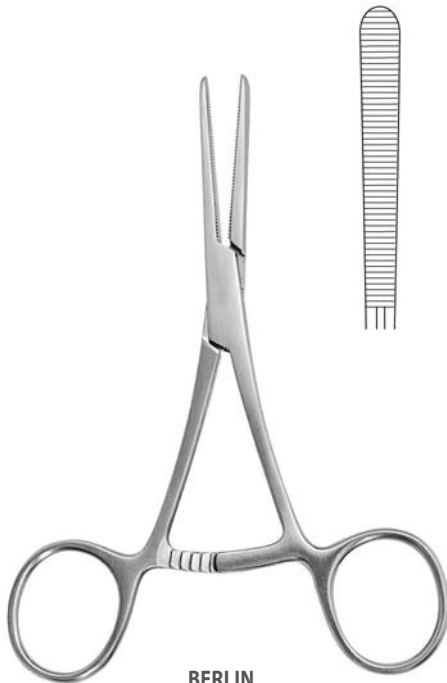
212-550-14



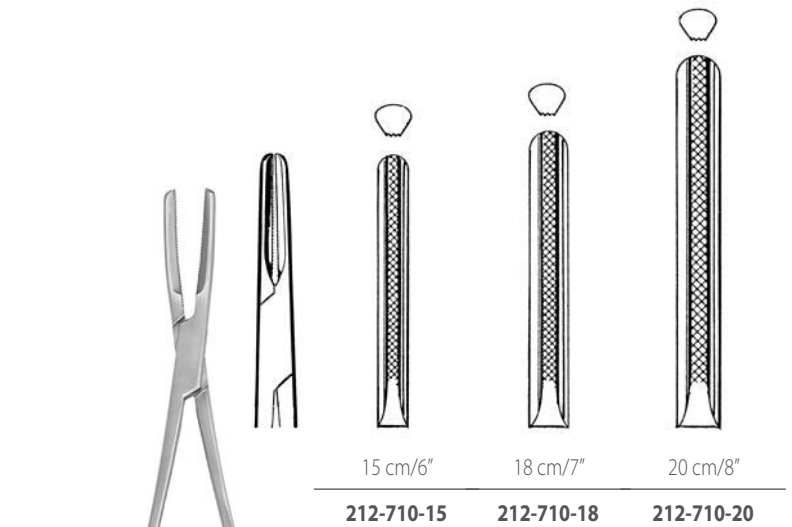
MIKULICZ



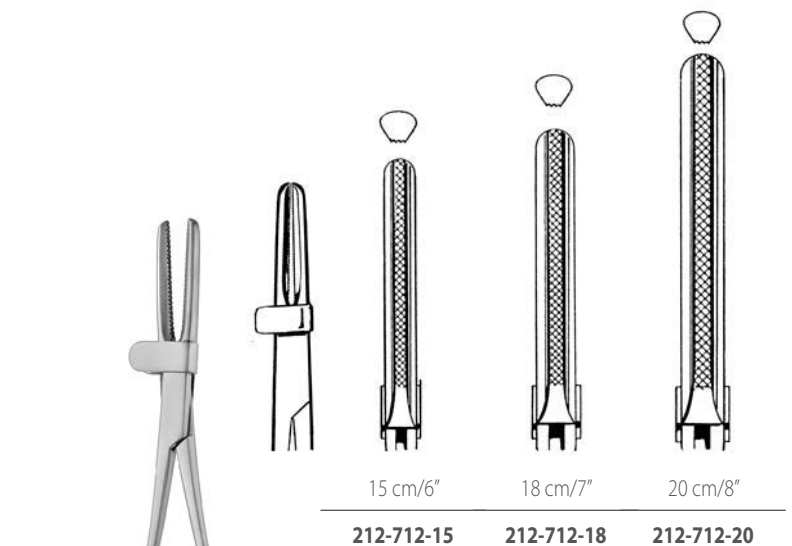
FORCEPS AND CLAMPS



BERLIN
 14.5 cm/5¾"
212-702-14



PRESBYTERIAN HOSPITAL
 16 cm/6¼" **212-704-16**
 18 cm/7" **212-704-18**



FORCEPS AND CLAMPS

**GUNNER-HEY**

18.5 cm/7¼"

212-722-18**BROMPTON**

15 cm/6"

212-724-15



FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



HALSTED-MOSQUITO



12 cm/4¾"

213-080-12



12 cm/4¾"

213-081-12



15 cm/6"

213-080-15



15 cm/6"

213-081-15

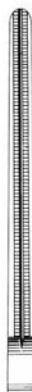


PEAN



14 cm/5½"

213-082-14



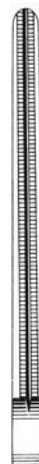
16 cm/6¼"

213-082-16



18 cm/7"

213-082-18



20 cm/8"

213-082-20



14 cm/5½"

213-083-14



16 cm/6¼"

213-083-16



18 cm/7"

213-083-18



20 cm/8"

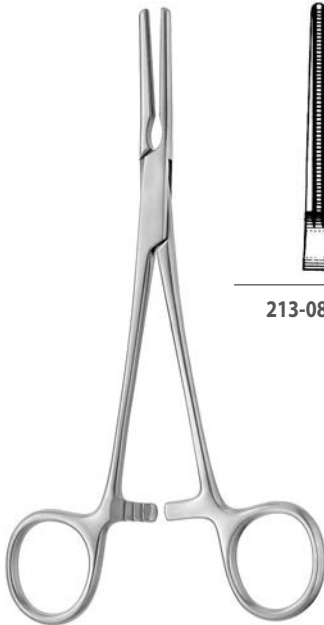
213-083-20

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



RANKIN
 16 cm/6¼"



213-084-16



213-085-16



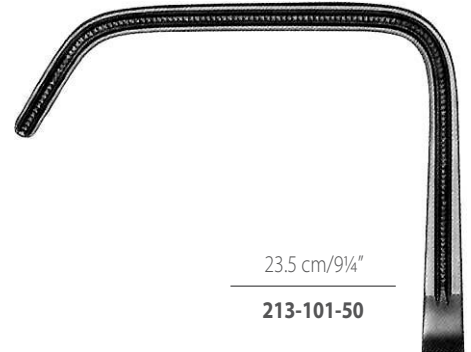
HOPT



23 cm/9"

213-101-40

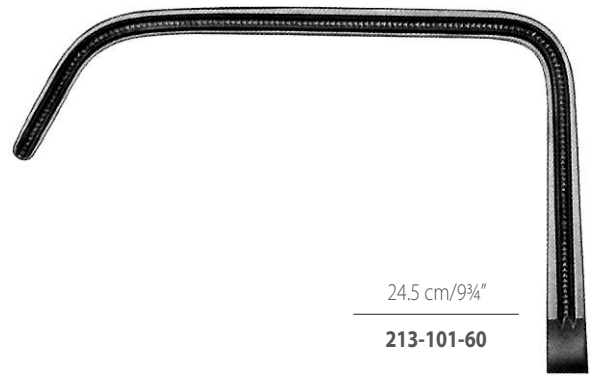
40 mm



23.5 cm/9¼"

213-101-50

50 mm



24.5 cm/9¾"

213-101-60

60 mm

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

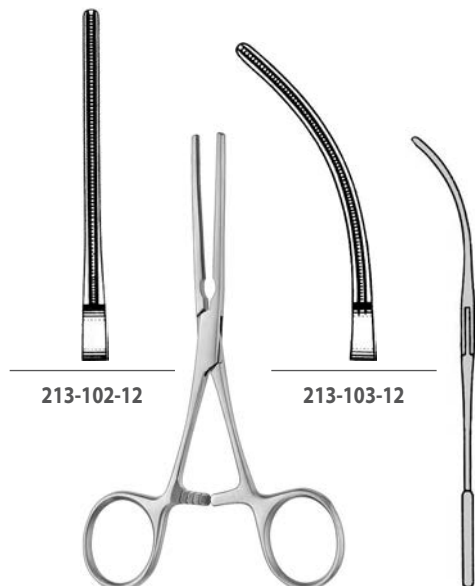
Ring Bulldog clamps

Bulldogklemmen mit Ringgriff

Clamps Bulldog, manche à anneau

Clamps Bulldog con mango de anillo

Pinze Bulldog con manico di anello



DE BAKEY
12 cm/4¾"



DE BAKEY
12 cm/4¾"
213-111-12



DE BAKEY
10 cm/4"
213-113-12



DE BAKEY
12 cm/4¾"
213-121-12

FORCEPS AND CLAMPS

ATRAUMA



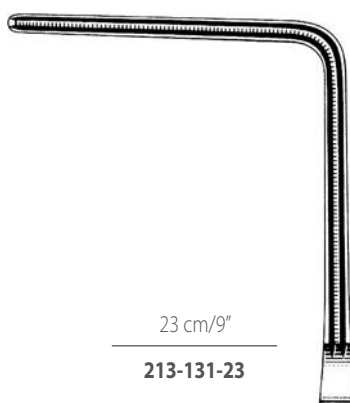
DE BAKY

Bronchus forceps

Bronchusklemmen
Pinces pour bronches
Pinzas bronquiales
Pinze per bronchi

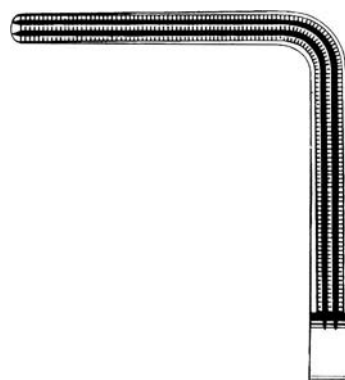


LEES



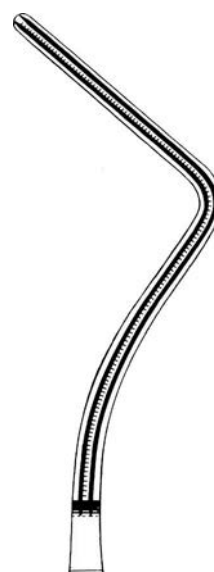
23 cm/9"

213-131-23



25 cm/10"

213-131-25



25 cm/10"

213-133-25

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



POTTS

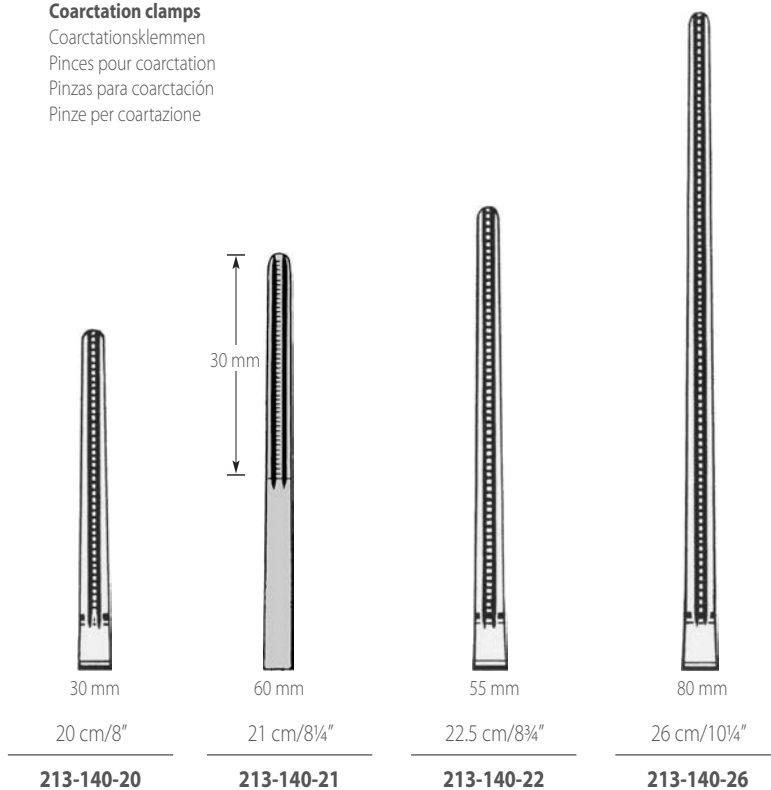
Coarctation clamps

Coarctationsklemmen

Pinces pour coarctation

Pinzas para coarctación

Pinze per coartazione



POTTS



FORCEPS AND CLAMPS

Coarctation clamps

Coarctationsklemmen

Pinces pour coarctation

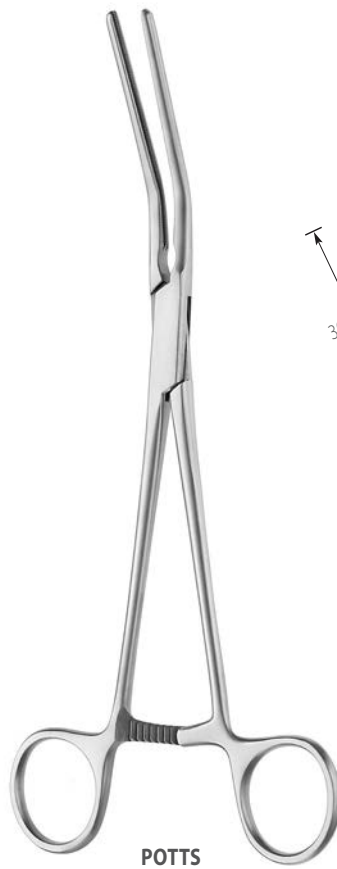
Pinzas para coarctación

Pinze per coartazione

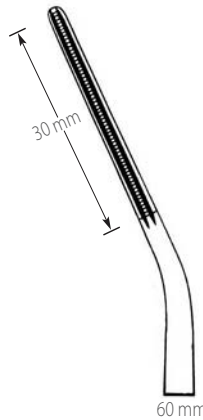
ATRAUMA



DE BAKEY



POTTS



21 cm/8 1/4"

213-142-21

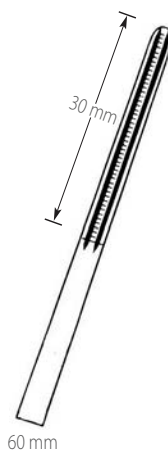


22 cm/8 3/4"

213-142-22



POTTS



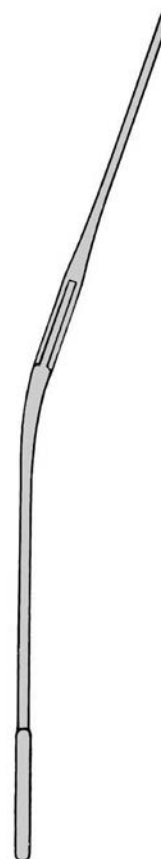
21 cm/8 1/4"

213-143-21



22 cm/8 3/4"

213-143-22



FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



GLOVER



21 cm/8¼"

213-151-21

24 cm/9½"

213-151-24

Anastomosis clamps

Anastomoseklemmen

Pincas à anastomose

Pinzas para anastomosis

Pinze per anastomosi



GLOVER



22 cm/8¾"

213-153-22

18 cm/7"

213-153-18

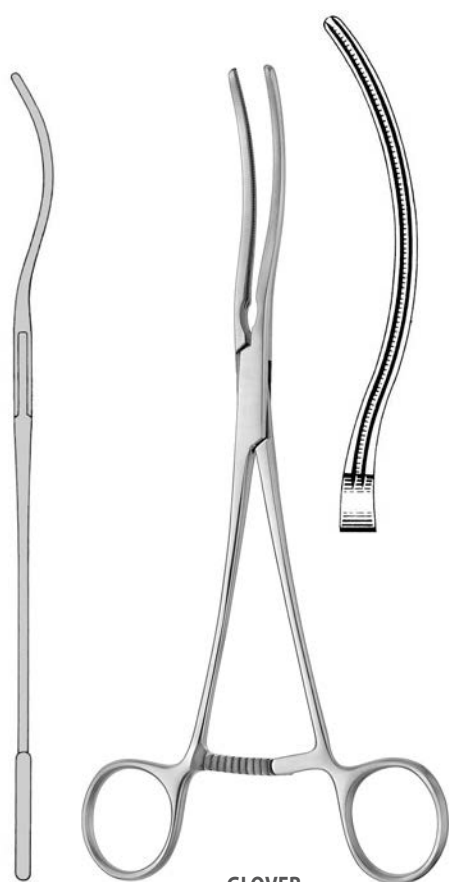
ATRAUMA



DE BAKEY

Anastomosis clamps

Anastomoseklemmen
Pinces à anastomose
Pinzas para anastomosis
Pinze per anastomosi



GLOVER
21 cm/8 1/4"

213-161-21



GLOVER
26 cm/10 1/4"

213-161-26

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Peripheral vascular clamps

Peripheral-Gefäßklemmen

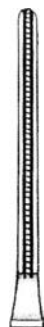
Pincas vasculaires périphériques

Pinzas para vasos periféricos

Pinze vascolari per vasi periferici



DE BAKEY



19.5 cm/7½"

213-170-19



22 cm/8¾"

213-170-22



DE BAKEY



19.5 cm/7½"

213-171-19



22 cm/8¾"

213-171-22

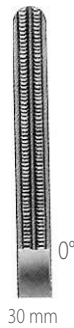

Atraumatic multi-purpose clamps

Atraumatische Mehrzweckklemmen

Pinces polyvalentes

Pinzas clamps para multiuso

Pinze atraumatiche per multiuso


DARDIK


0°

30 mm

16 cm/6¼"

213-172-00


15°

30 mm

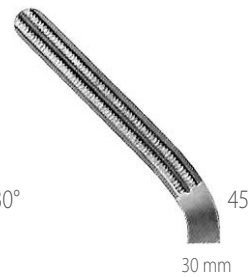
15.5 cm/6"

213-172-15


30°

30 mm

15 cm/6"

213-172-30


45°

30 mm

14.5 cm/5¾"

213-172-45


90°

30 mm

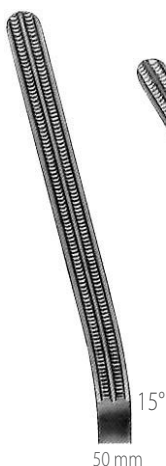
13 cm/5"

213-172-90


0°

50 mm

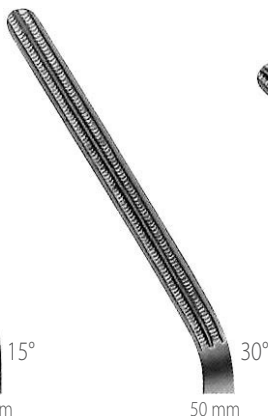
17 cm/6¾"

213-174-00


15°

50 mm

16.5 cm/6½"

213-174-15


30°

50 mm

16 cm/6¼"

213-174-30


45°

50 mm

16 cm/6¼"

213-174-45


90°

50 mm

13.5 cm/5¼"

213-174-90

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Peripheral vascular clamps

Peripheral-Gefäßklemmen

Pincas vasculaires périphériques

Pinzas para vasos periféricos

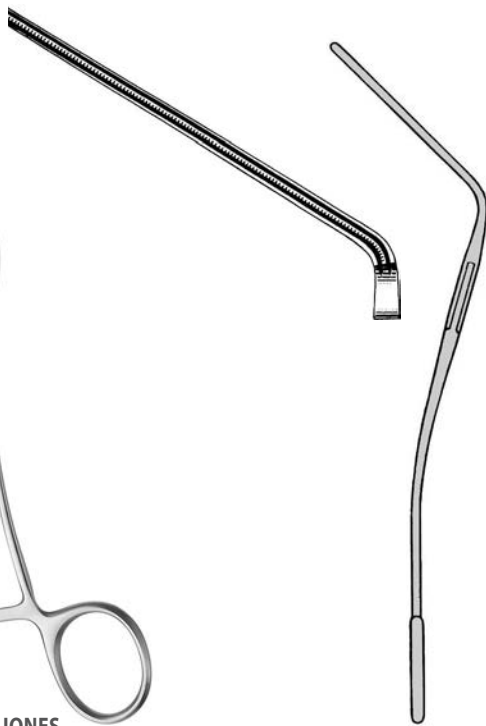
Pinze vascolari per vasi periferici



LELAND-JONES

19 cm/7½"

213-181-19



DE BAKY

26.5 cm/10½"

213-181-26

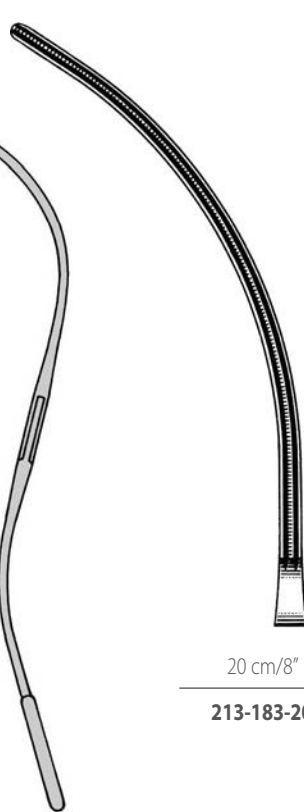


DE BAKY



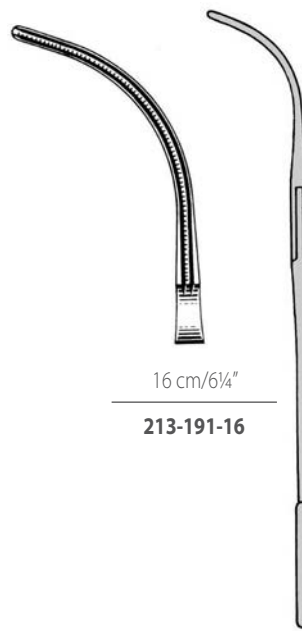
19 cm/7½"

213-183-19



20 cm/8"

213-183-20



16 cm/6¼"

213-191-16

FORCEPS AND CLAMPS

Atraumatic multi-purpose clamps

Atraumatische Mehrzweckklemmen
 Pinces polyvalentes
 Pinzas clamps para multiuso
 Pinze atraumatiche per multiuso

ATRAUMA



DE BAKEY



BAINBRIDGE



15 cm/6"

213-196-15



18.5 cm/7¼"

213-196-18



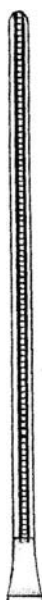
15 cm/6"

213-197-15



18.5 cm/7¼"

213-197-18



19.5 cm/7¾"

213-202-19



19 cm/7½"

213-203-19



19 cm/7½"

213-205-19



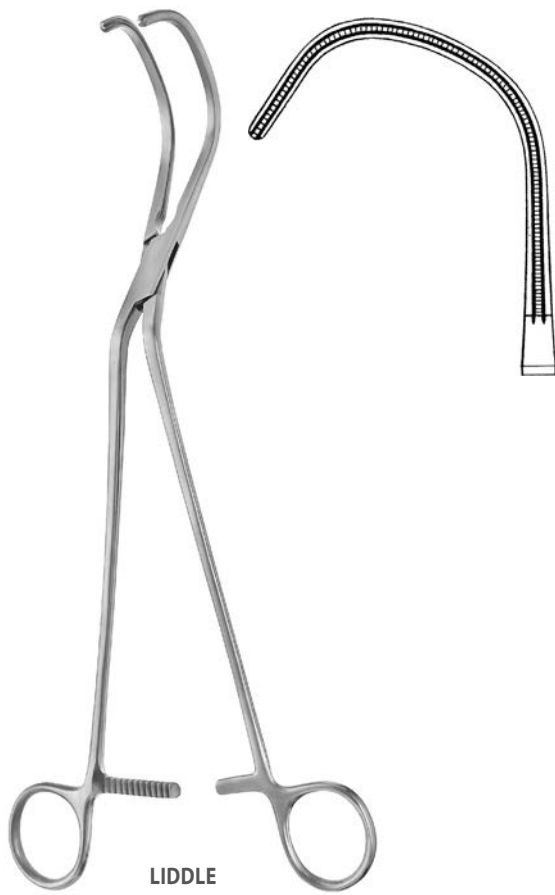
15°



LELAND-JONES

FORCEPS AND CLAMPS

ATRAUMA

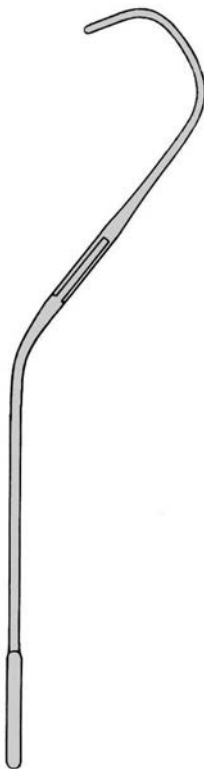
DE BAKEY

LIDDLE

27 cm/10½"

213-209-27


LAMBERT-KAY

20 cm/8"



213-211-20



213-213-20

ATRAUMA



DE BAKEY

Iliac clamp

Iliaca-Klemme
Pince pour veine iliaque
Pinza para iliaca
Pinza per iliaca

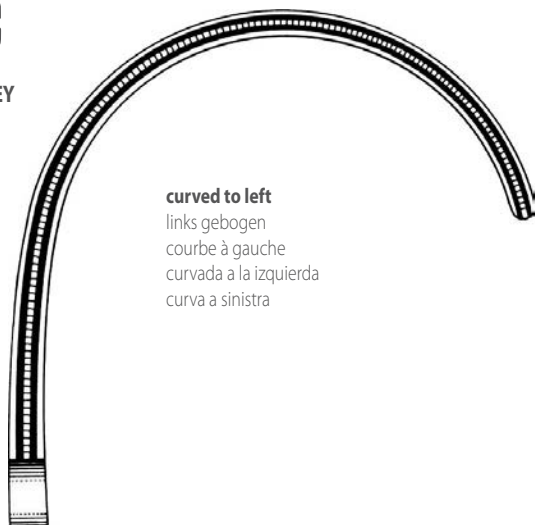


FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

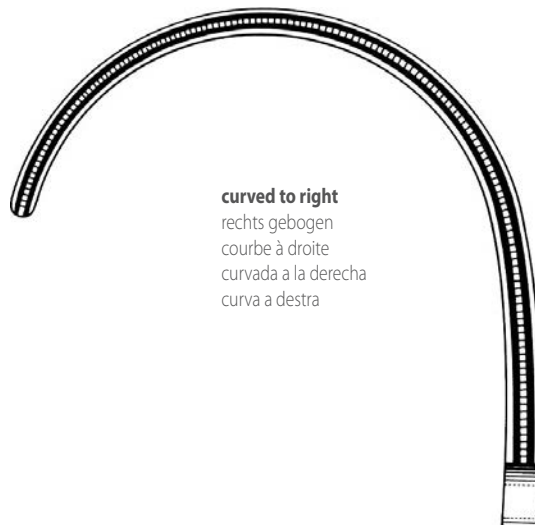
**curved to left**

links gebogen

courbe à gauche

curvada a la izquierda

curva a sinistra

**curved to right**

rechts gebogen

courbe à droite

curvada a la derecha

curva a destra

**WEBER**

26 cm/10¼"

213-217-26**WEBER**

26 cm/10¼"

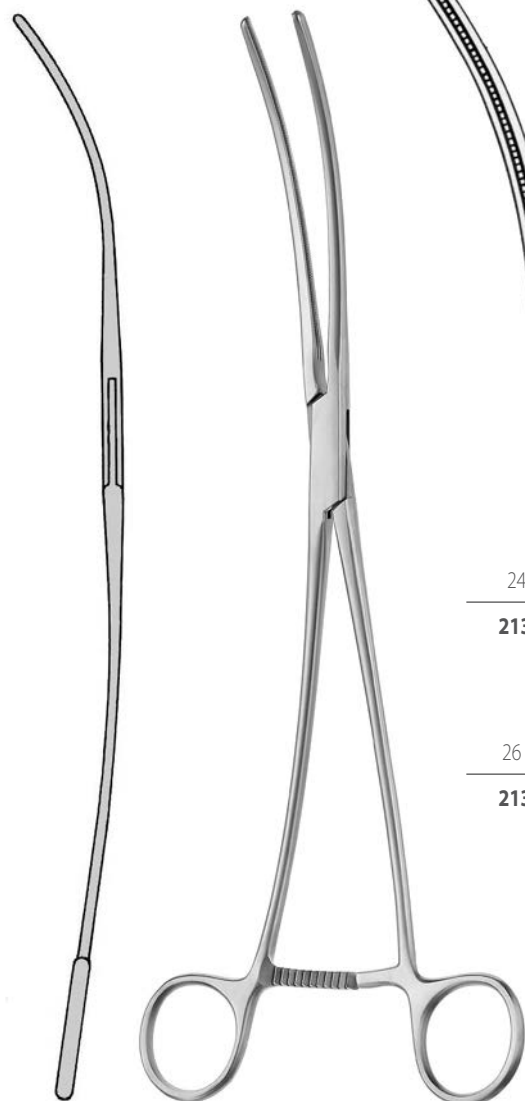
213-219-26

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



DE BAKEY

24 cm/9½"

213-221-24

27 cm/10½"

213-221-27

31 cm/12¼" **1 x 2**

213-221-31

33 cm/13" **1 x 2**

213-221-33

35 cm/13¾"

213-221-38

26 cm/10¼"

213-221-26

31 cm/12¼" **2 x 3**

213-222-31

33 cm/13" **2 x 3**

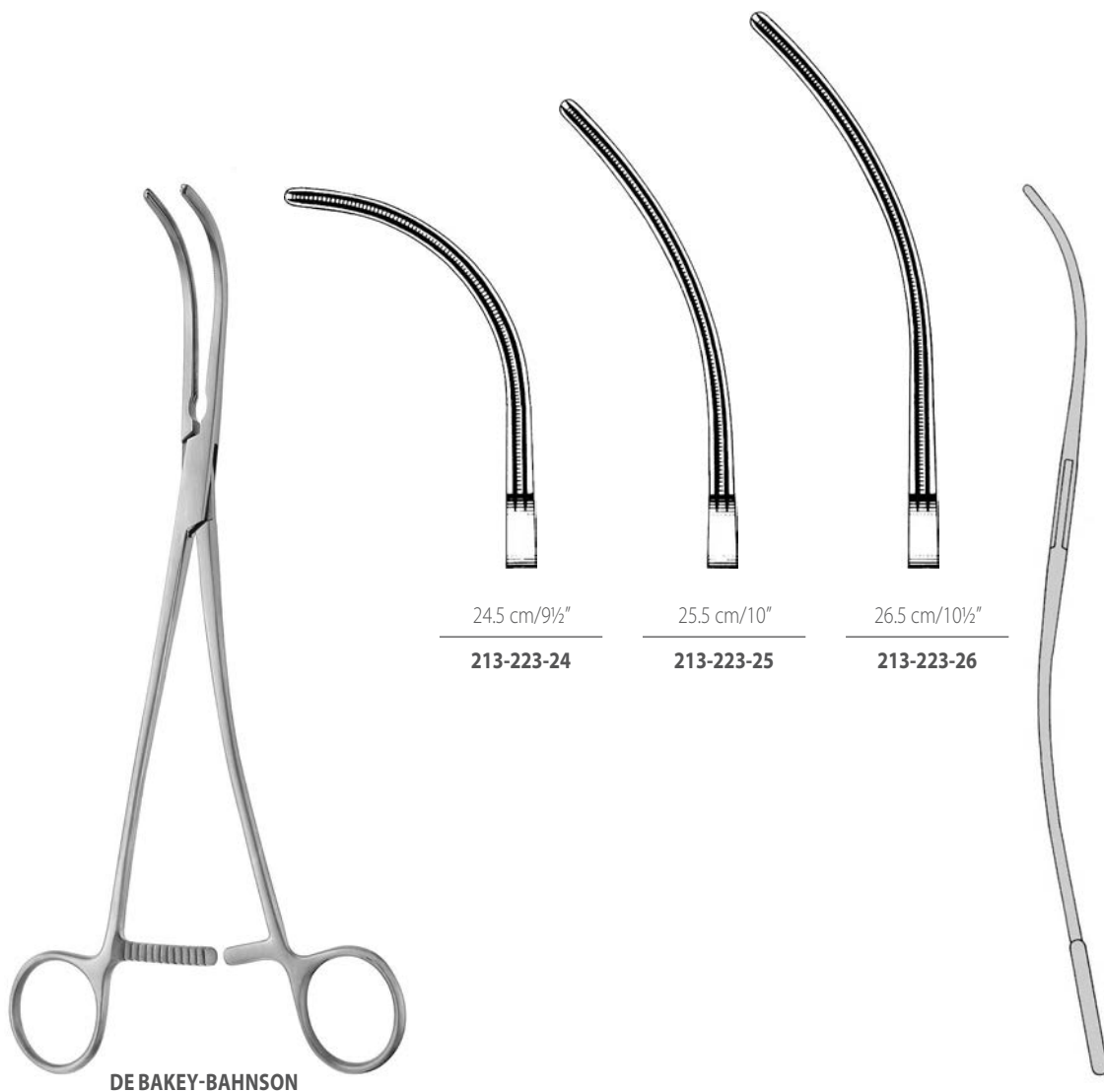
213-222-33

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



24.5 cm/9½"

213-223-24

25.5 cm/10"

213-223-25

26.5 cm/10½"

213-223-26

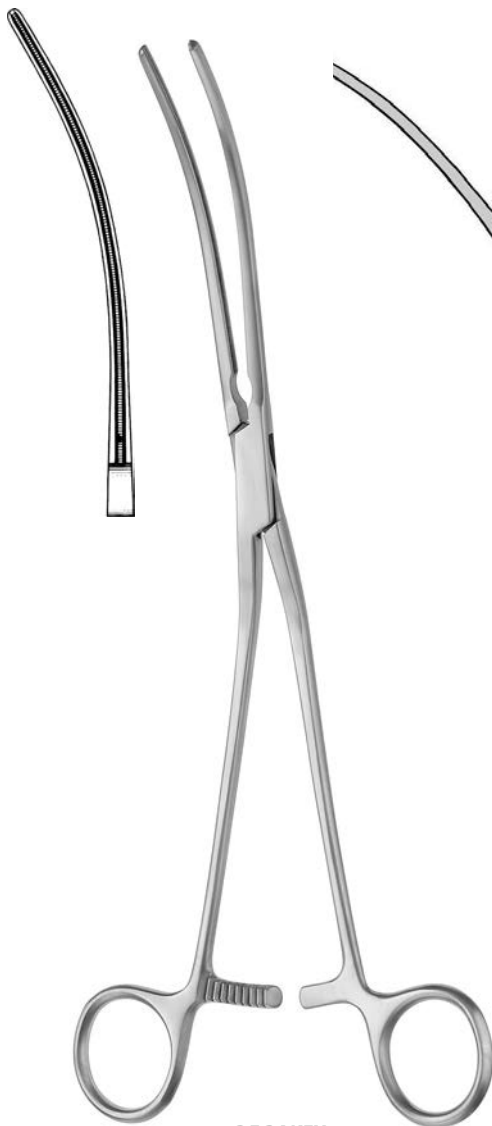
DE BAKEY-BAHNSON

FORCEPS AND CLAMPS

ATRAUMA

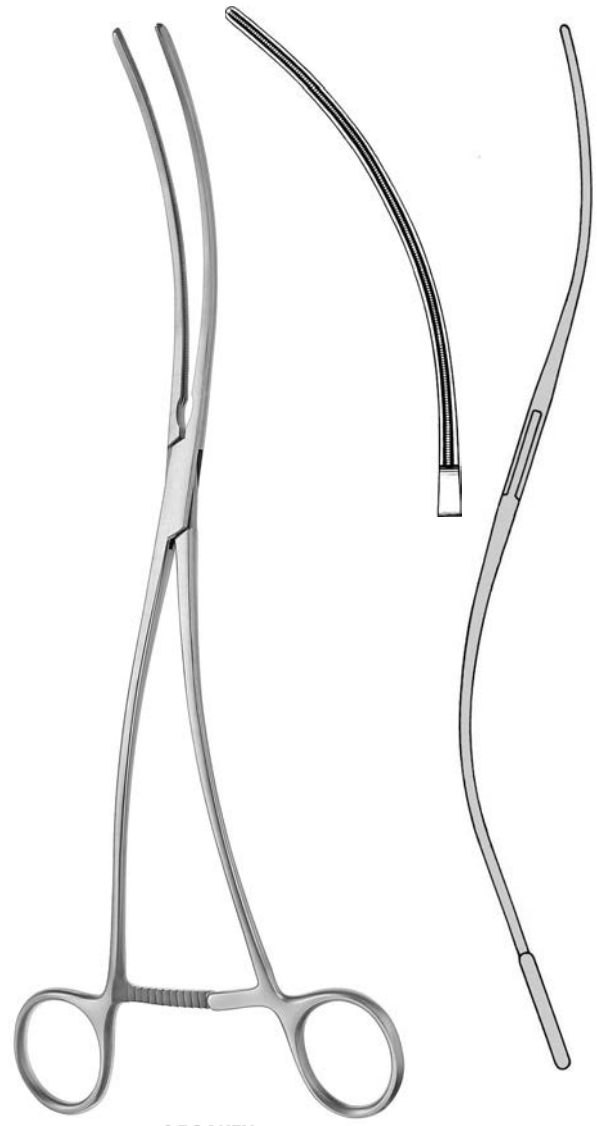


DE BAKEY



DE BAKEY
28 cm/11"

213-225-28



DE BAKEY
30 cm/12"

213-227-28

FORCEPS AND CLAMPS

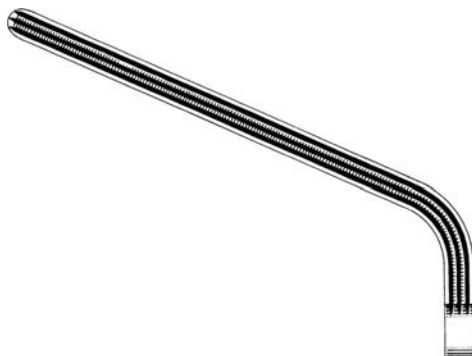
ATRAUMA



DE BAKEY

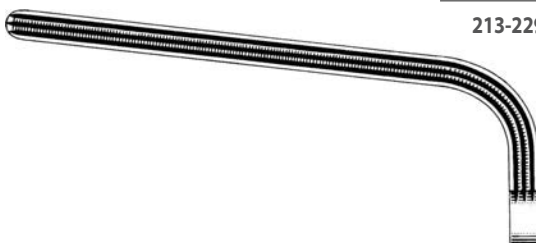


DE BAKEY-MORRIS



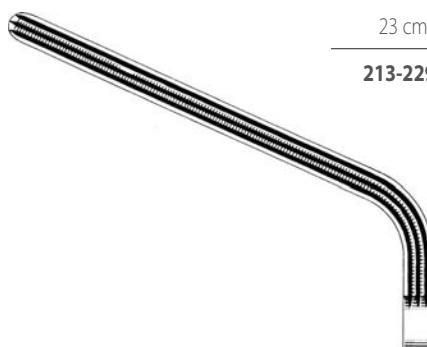
25 cm/10"

213-229-25



23 cm/9"

213-229-23



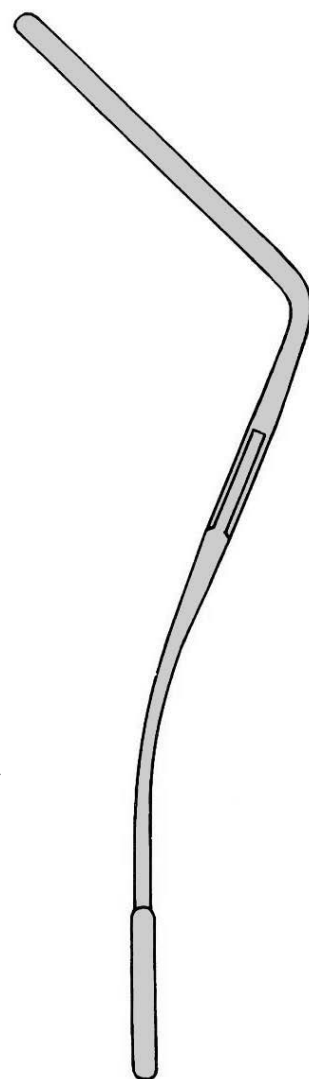
20 cm/8"

213-229-20



18 cm/7"

213-229-18



FORCEPS AND CLAMPS

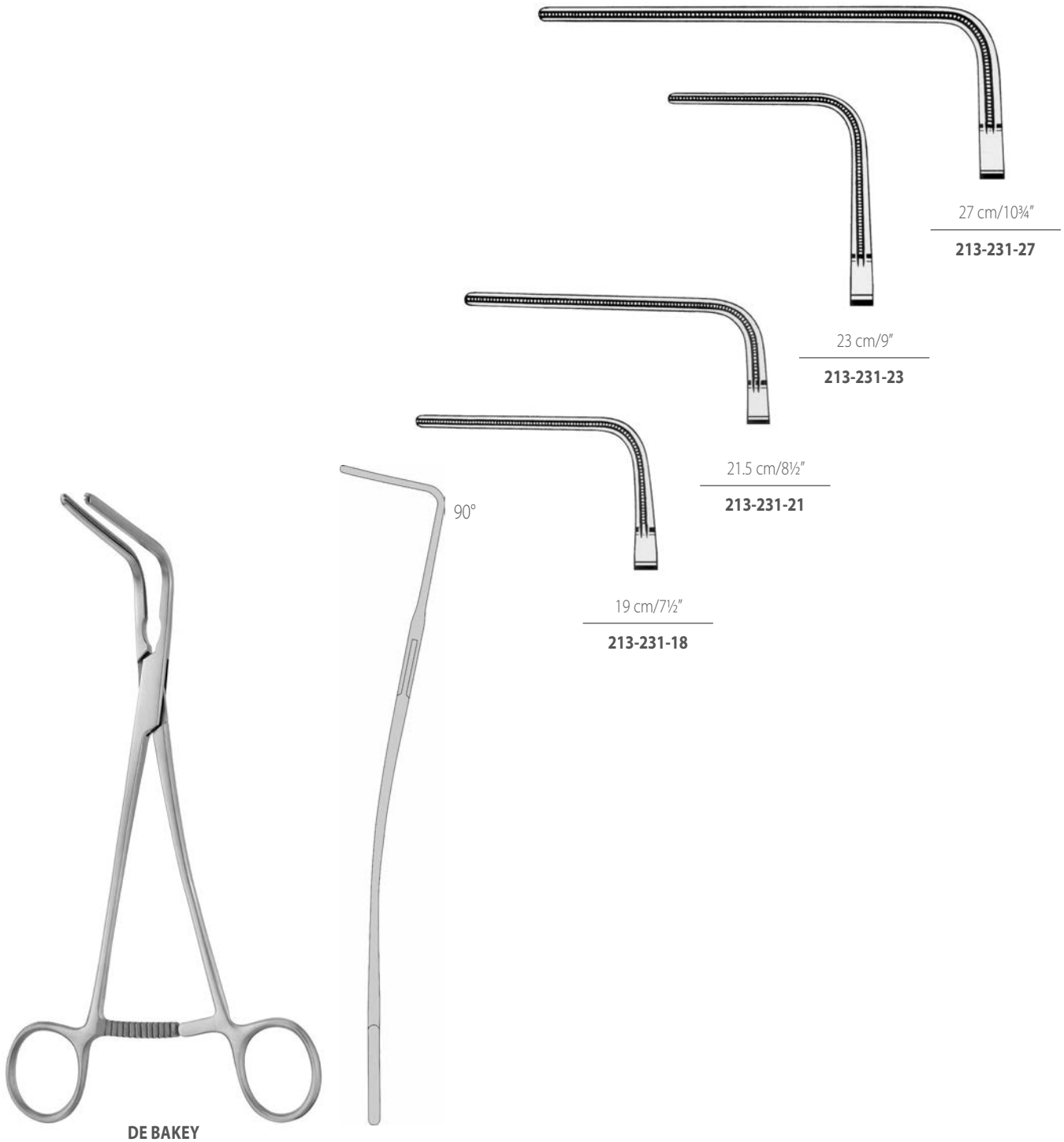
ATRAUMA



DE BAKEY

Atraumatic multi-purpose clamps

Atraumatische Mehrzweckklemmen
 Pinces polyvalentes
 Pinzas para multiuso
 Pinze atraumatiche per multiuso

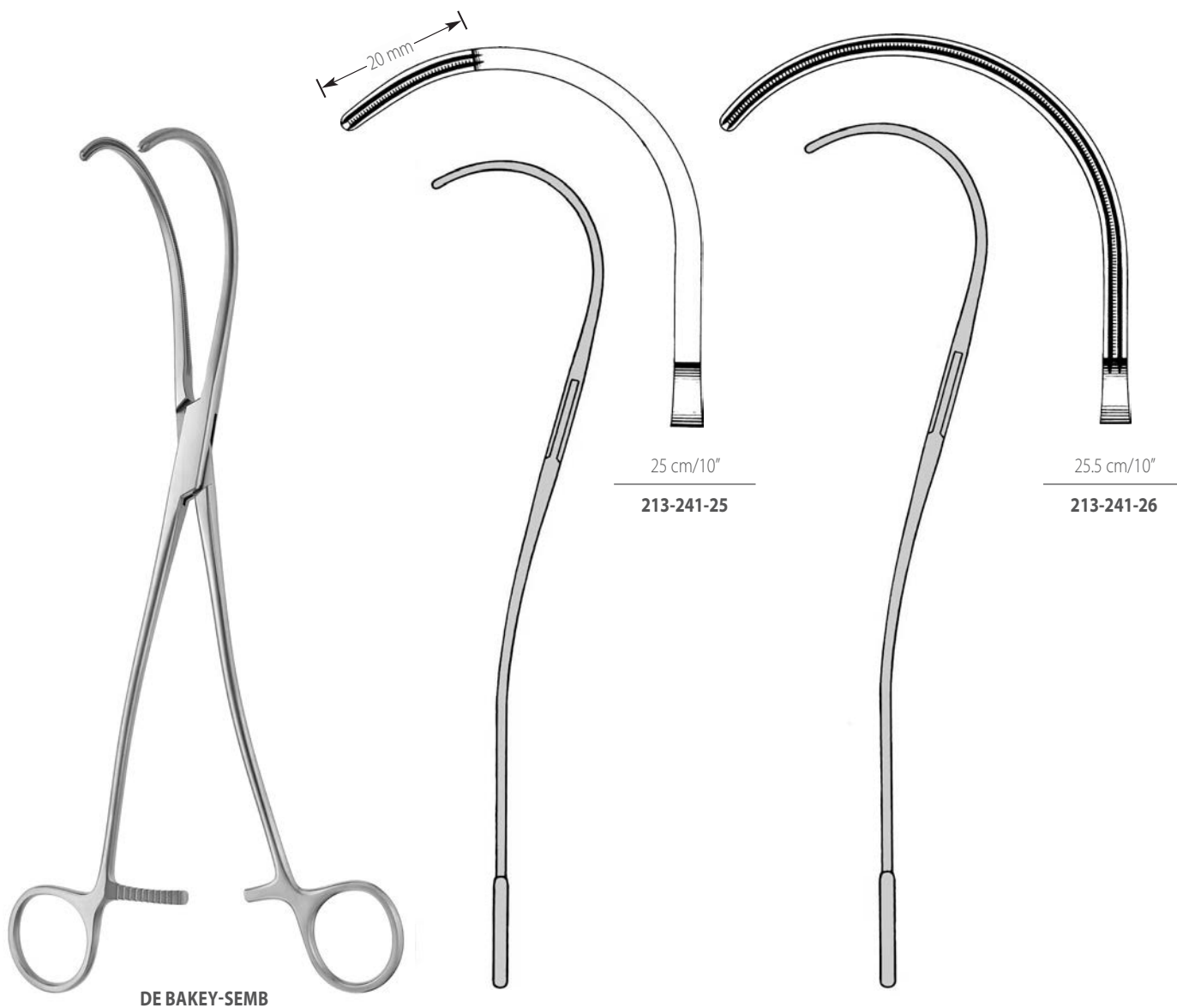


FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



DE BAKEY-SEMB

25 cm/10"

213-241-25

25.5 cm/10"

213-241-26

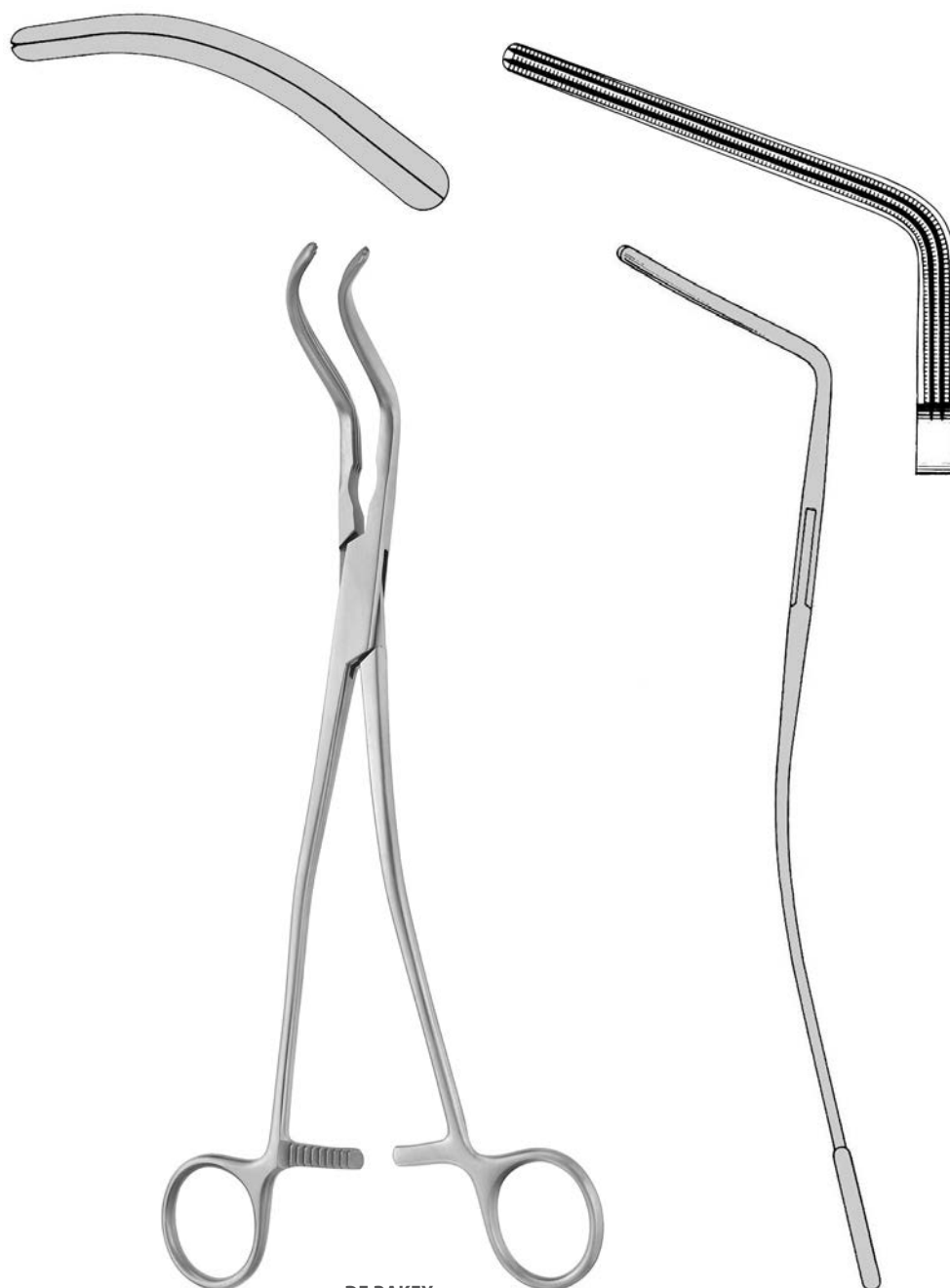
Atraumatic multi-purpose clamps

Atraumatische Mehrzweckklemmen
Pinces polyvalentes
Pinzas para multiuso
Pinze atraumatiche per multiuso

ATRAUMA



DE BAKEY



DE BAKEY

27 cm/10½"

213-247-27

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Atraumatic multi-purpose clamps

Atraumatische Mehrzweckklemmen

Pincas polyvalentes

Pinzas para multiuso

Pinze atraumatiche per multiuso



FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Tangential occlusion clamps

Tangentialklemmen

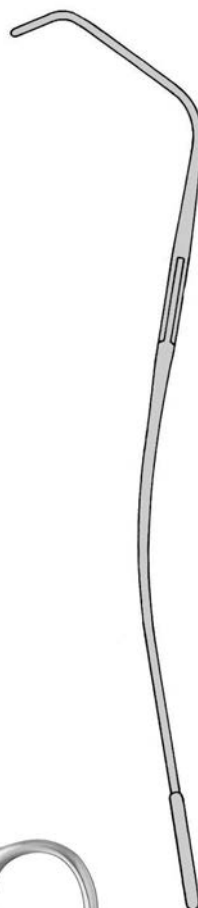
Pinces pour occlusion tangentielle

Pinzas para oclusión tangencial

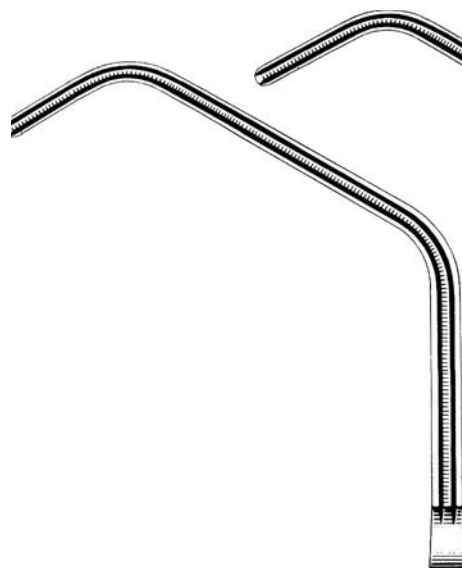
Pinze per occlusione tangenziale



SATINSKY



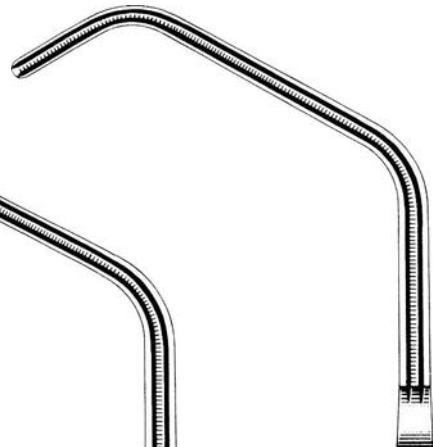
20 cm/8"
213-253-20



24 cm/9½"
213-253-24



26 cm/10¼"
213-253-26



25 cm/10"
213-253-30



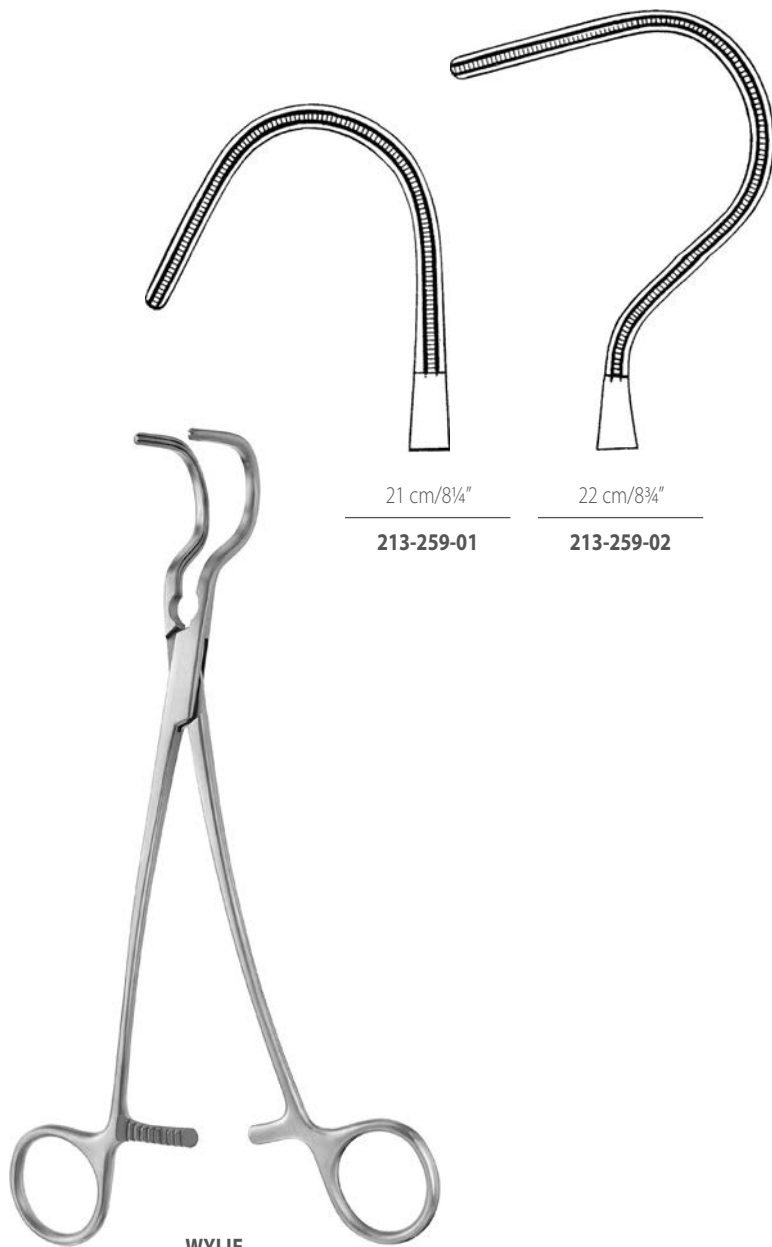
27 cm/10½"
213-253-27

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



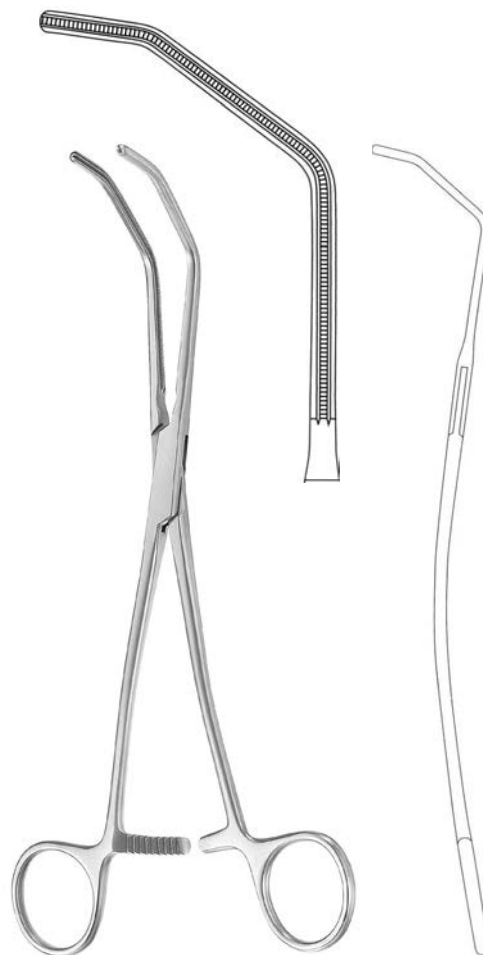
21 cm/8¼"

213-259-01

22 cm/8¾"

213-259-02

WYLIE



GLOVER-DE BAKEY

23 cm/9"

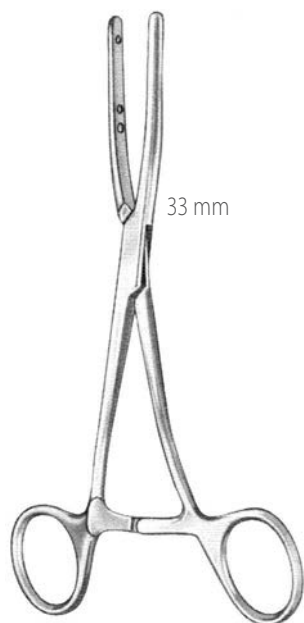
213-260-23

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



FOGARTY

16.5 cm/6½"

213-257-01



61 mm

FOGARTY

29 cm/11½"

213-257-04

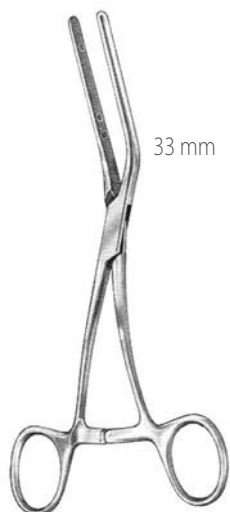


61 mm

FOGARTY

22 cm/8¾"

213-257-05

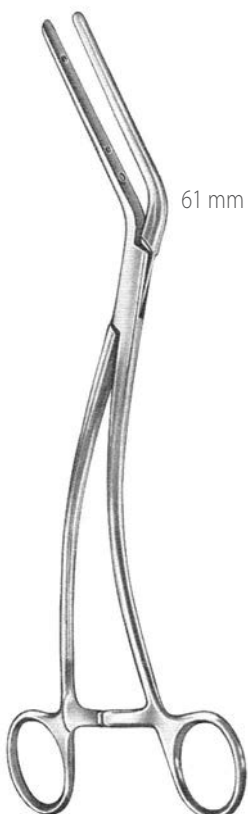


33 mm

FOGARTY

12 cm/4¾"

213-257-02

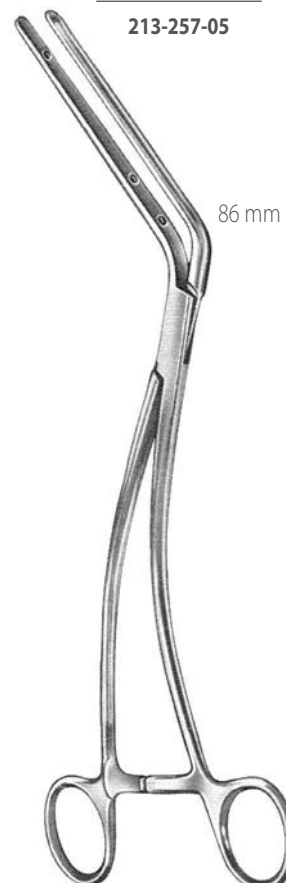


61 mm

FOGARTY

21.5 cm/8½"

213-257-06



86 mm

FOGARTY

23.5 cm/9¼"

213-257-07

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

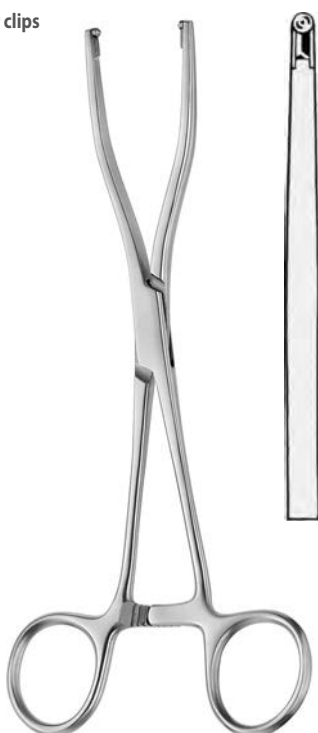
Applying forceps for clips

Anlegezange für Clips

Applicateur pour clips

Pinza para aplicar clips

Applicatore per clips

**EDWARDS**

18.5 cm/7¼"

213-258-00**EDWARDS CLIPS**

6 mm

213-258-06

12 mm

213-258-12

ATRAUMA



DE BAKEY

Tangential occlusion clamps

Tangentialklemmen

Pinces pour occlusion tangentielle

Pinzas para oclusión tangencial

Pinze per occlusione tangenziale

for vena cava

für die Vena cava

pour vena cava

para la vena cava

per la vena cava



DE BAKEY-SATINSKY



23 cm/9"

213-261-23

24 cm/9½"

213-261-24

25 cm/10"

213-261-25

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Auricle clamps

Aurikelmlemmen

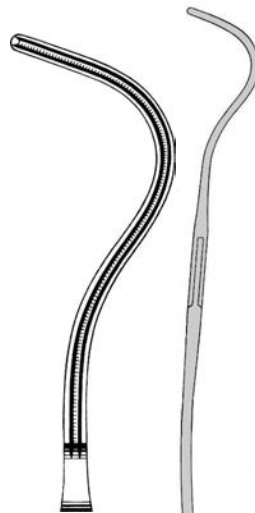
Pincas oreilletta

Pinzas para aurícula

Pinze ventricolari



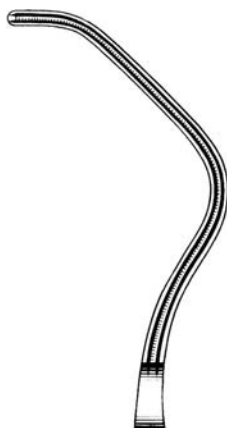
213-263-25



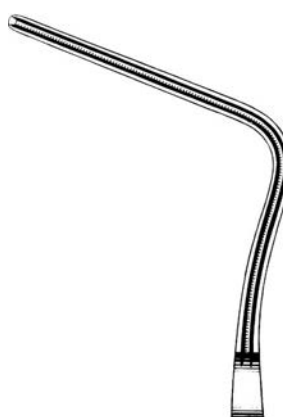
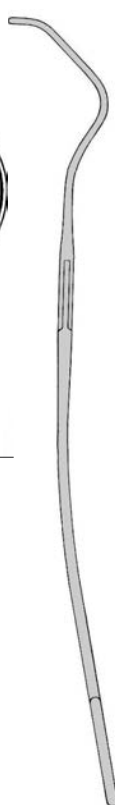
213-265-24

**HARKEN**

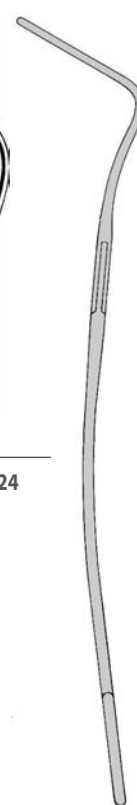
24 cm/9½"



213-267-24



213-269-24



FORCEPS AND CLAMPS

Organ grasping forceps

Organfasszange
Pincas pour saisir les organes
Pinzas para sacar órganos
Pinze per afferrare organi


25 cm/10"

213-270-25


26 cm/10¼"

213-270-26
Peripheral vascular clamps

Peripheral-Gefäßklemmen
Pincas vasculaires périphériques
Pinzas para vasos periféricos
Pinze vascolari per vasi periferici

ATRAUMA

DE BAKEY

DALE

18 cm/7"

213-271-18
Peripheral vascular clamps

Peripheral-Gefäßklemmen
Pincas vasculaires périphériques
Pinzas para vasos periféricos
Pinze vascolari per vasi periferici

DALE


17 cm/6½"

213-273-17


18 cm/7"

213-273-18


19 cm/7¼"

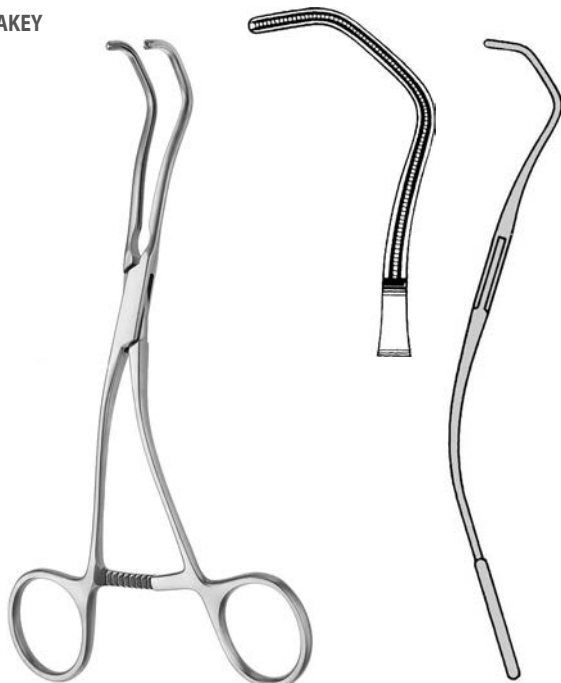
213-273-19

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



DE BAKEY

17 cm/6¾"

213-281-17

Atraumatic multi-purpose clamps

Atraumatische Mehrzweckklemmen

Pincas polyvalentes

Pinzas para multiuso

Pinze atraumatiche per multiuso



BECK

17 cm/6¾"

213-283-17

Atraumatic multi-purpose clamps

Atraumatische Mehrzweckklemmen

Pincas polyvalentes

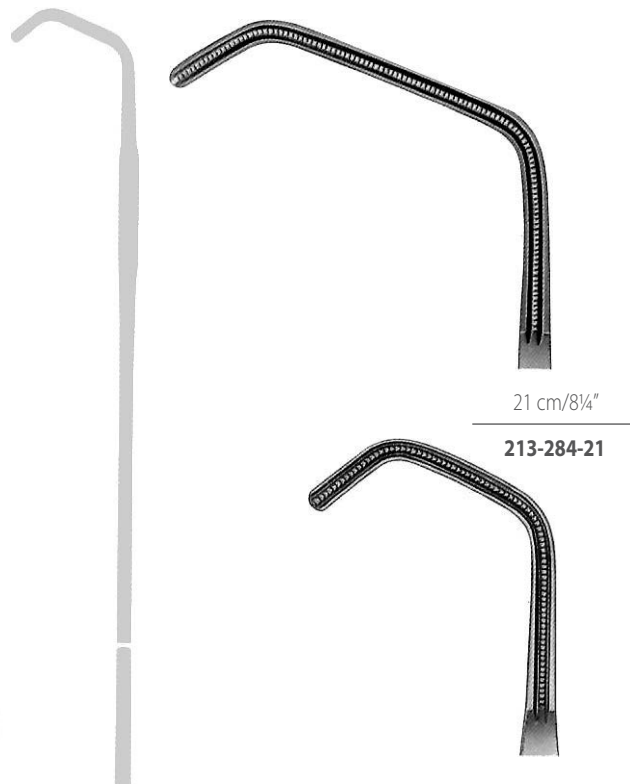
Pinzas para multiuso

Pinze atraumatiche per multiuso



DE BAKEY-BECK

for vena cava
für die Vena cava
pour vena cava
para la vena cava
per la vena cava



21 cm/8¼"

213-284-21

20.5 cm/8"

213-284-20

FORCEPS AND CLAMPS

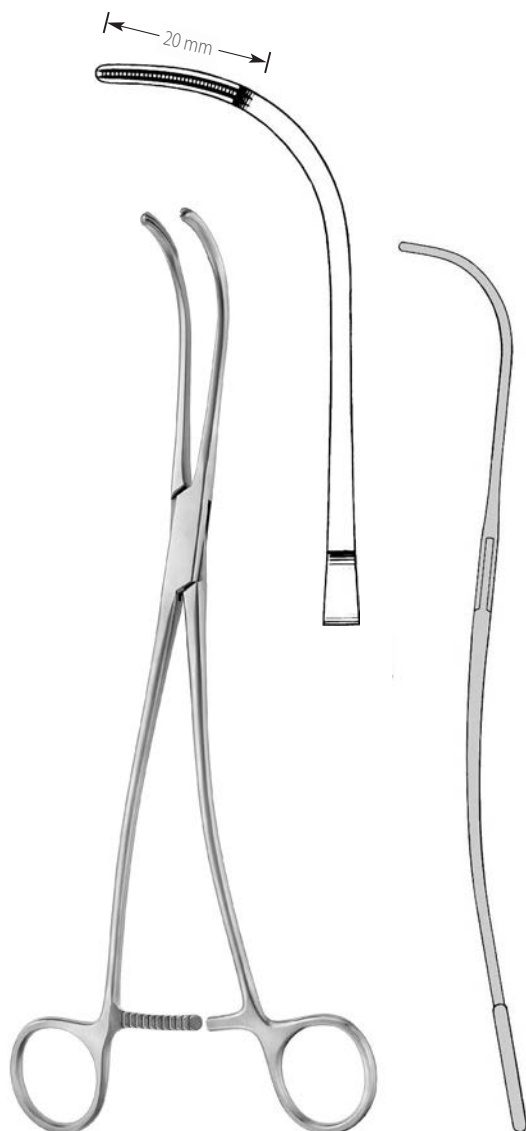
Dissecting and ligature clamps

Präparier- und Ligaturklemmen
Pincès à dissection et à ligature
Pinzas de disección y para ligaduras
Pinze per dissezione e per legature

ATRAUMA



DE BAKEY



DE BAKEY-SEMB

24 cm/9½"

213-285-24



DE BAKEY-SEMB

24 cm/9½"

213-287-24

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



POTTS

Coarctation clamps

Coarctationsklemmen

Pincas pour coarctation

Pinzas para coarctación

Pinze per coarctazione



21 cm/8 1/4"

213-288-21



23 cm/9"

213-288-23



27 cm/10 1/2"

213-288-27



31 cm/12 1/4"

213-288-31



POTTS

Coarctation clamps

Coarctationsklemmen

Pincas pour coarctation

Pinzas para coarctación

Pinze per coarctazione



21 cm/8 1/4"

213-289-21



23 cm/9"

213-289-23



27 cm/10 1/2"

213-289-27



31 cm/12 1/4"

213-289-31

FORCEPS AND CLAMPS

Anastomosis clamps, pediatric

Anastomoseklemmen, Kindergrößen

Pinces à anastomose, pédiatrique

Pinzas para anastomosis, pediátricas

Pinze per anastomosi, pediatriche

ATRAUMA



DE BAKEY



DERRA



16 cm/6¼"

213-291-16



17 cm/6¾"

213-291-17



18 cm/7"

213-291-18

Anastomosis clamps

Anastomoseklemmen

Pinces à anastomose

Pinzas para anastomosis

Pinze per anastomosi

Coarctation clamps

Coarctationsklemmen

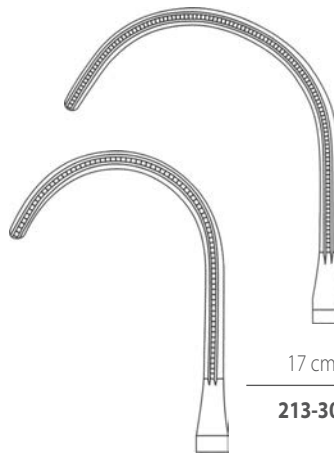
Pinces pour coarctation

Pinzas para coarctación

Pinze per coarctazione



DE BAKEY

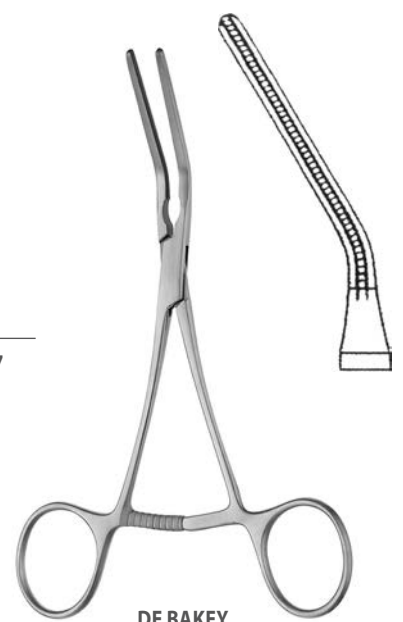


16 cm/6¼"

213-309-16

17 cm/6¾"

213-309-17



DE BAKEY

15 cm/6"

213-305-15

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

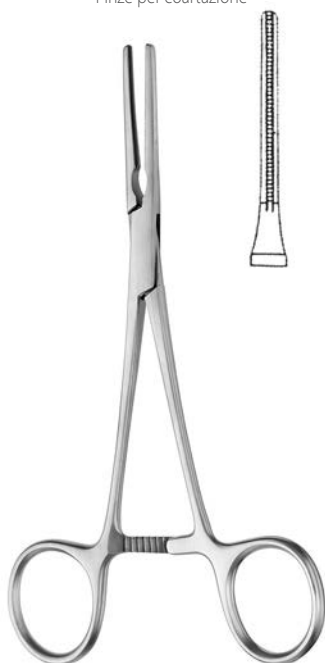
Coarctation clamps

Coarctationsklemmen

Pinces pour coarctation

Pinzas para coarctación

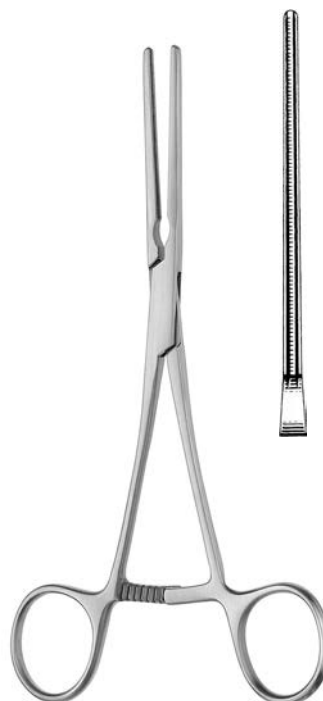
Pinze per coartazione



DE BAKEY

16 cm/6 1/4"

213-302-16



DE BAKEY

17 cm/6 1/2"

213-302-17



DE BAKEY

15 cm/6"

213-303-15



DE BAKEY

17 cm/6 1/2"

213-307-17

FORCEPS AND CLAMPS

Coarctation clamps

Coarctationsklemmen
Pinces pour coarctation
Pinzas para coarctación
Pinze per coartazione

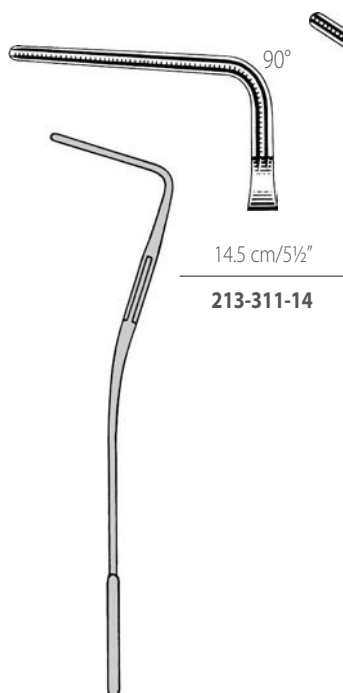
ATRAUMA



DE BAKEY

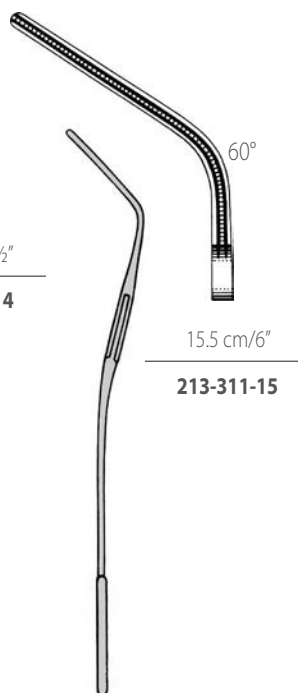


DE BAKEY



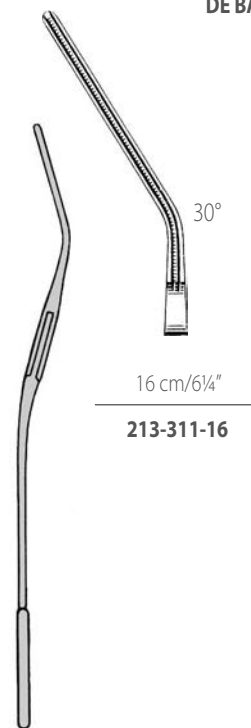
14.5 cm/5½"

213-311-14



15.5 cm/6"

213-311-15



16 cm/6¼"

213-311-16



GLOVER

17 cm/6¾"

213-321-17



17 cm/6¾"

213-323-17

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Anastomosis clamps

Anastomoseklemmen

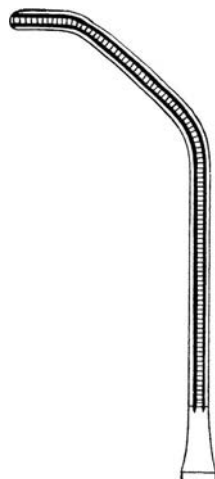
Pincas à anastomose

Pinzas para anastomosis

Pinze per anastomosi

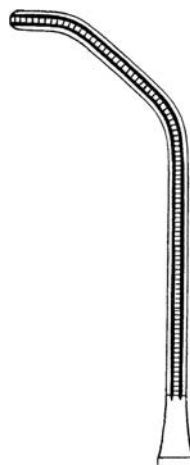


DE BAKEY REYNOLDS



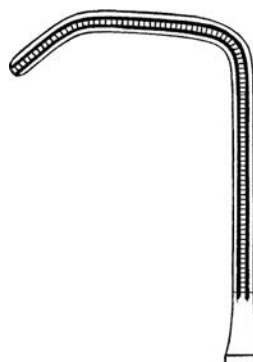
18 cm/7"

213-329-01



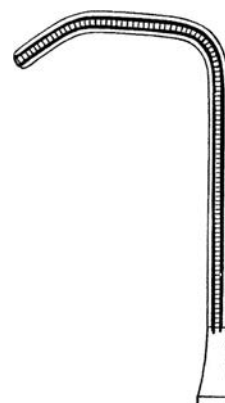
18 cm/7"

213-329-02



16.5 cm/6½"

213-329-03



16.5 cm/6½"

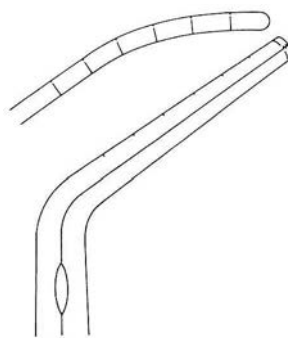
213-329-04



SUBRAMANIAN-MINIATURE

15.5 cm/6"

213-331-15



16 cm/6¼"

213-333-16

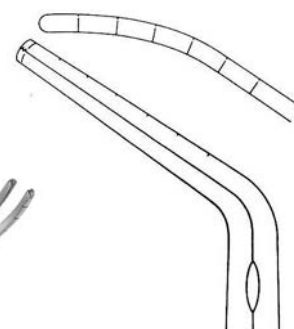
curved to right

rechts gebogen

courbe à droite

curva a la derecha

curva a destra



16 cm/6¼"

213-335-16

curved to left

links gebogen

courbe à gauche

curva a la izquierda

curva a sinistra



SUBRAMANIAN

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY



OCHSNER



23 cm/9"

213-337-23



26 cm/10¼"

213-337-26



DIETRICH

21 cm/8¼"

213-339-21

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Ligaturklemmen

Ligature clamps

Pincas à ligature

Pinzas para ligaduras

Pinze per legature



DE BAKEY

19 cm/7¼"

213-341-19



23 cm/9"

213-341-23



Anastomosis clamps

Anastomoseklemmen

Pincas à anastomose

Pinzas para anastomosis

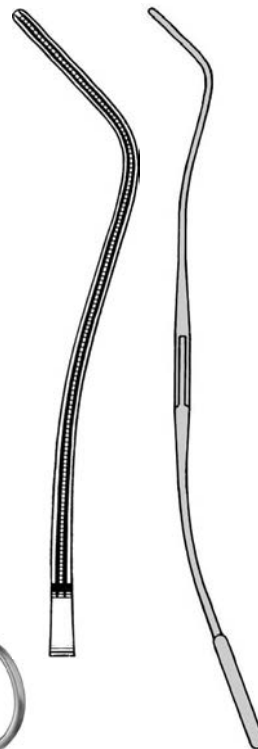
Pinze per anastomosi



DE BAKEY

20 cm/8"

213-341-20



Carotid shunt clamps

Carotis-Shuntklemmen

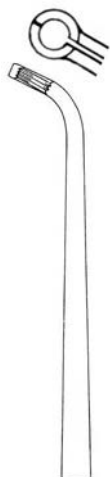
Pincas pour carotide

Pinzas para carótido

Pinze carotis

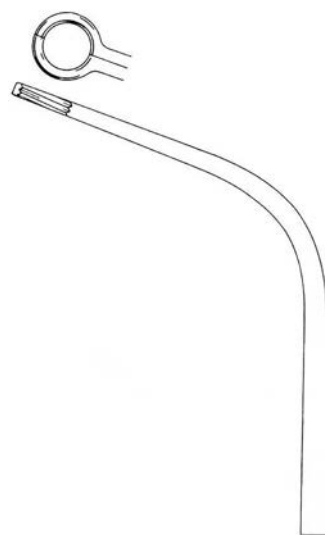


JAVID



18 cm/7"

213-343-18



19 cm/7¼"

213-343-19

FORCEPS AND CLAMPS

Peripheral vascular clamps

Peripheral-Gefäßklemmen
Pinces vasculaires périphériques
Pinzas para vasos periféricos
Pinze vascolari per vasi periferici

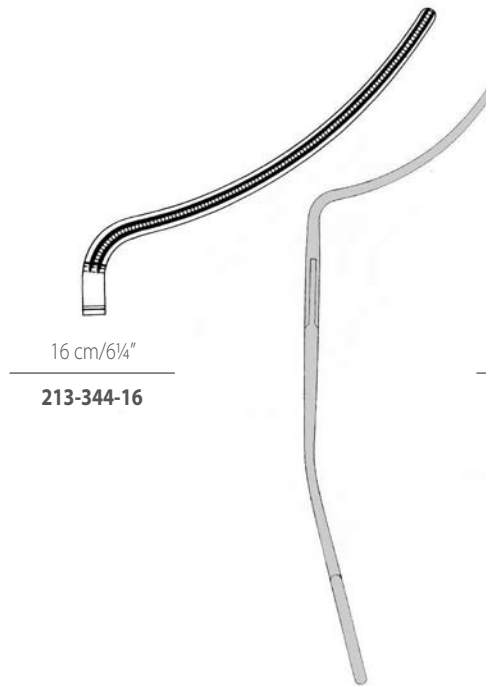
ATRAUMA



DE BAKEY

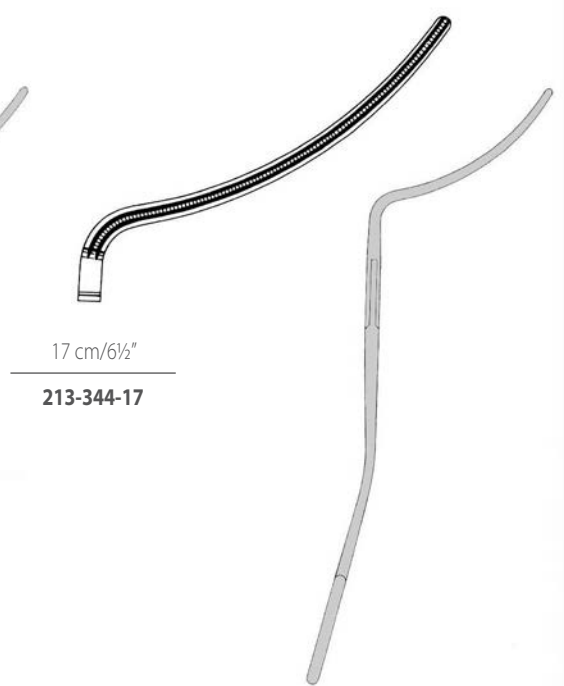


MARTIN-WYLIE



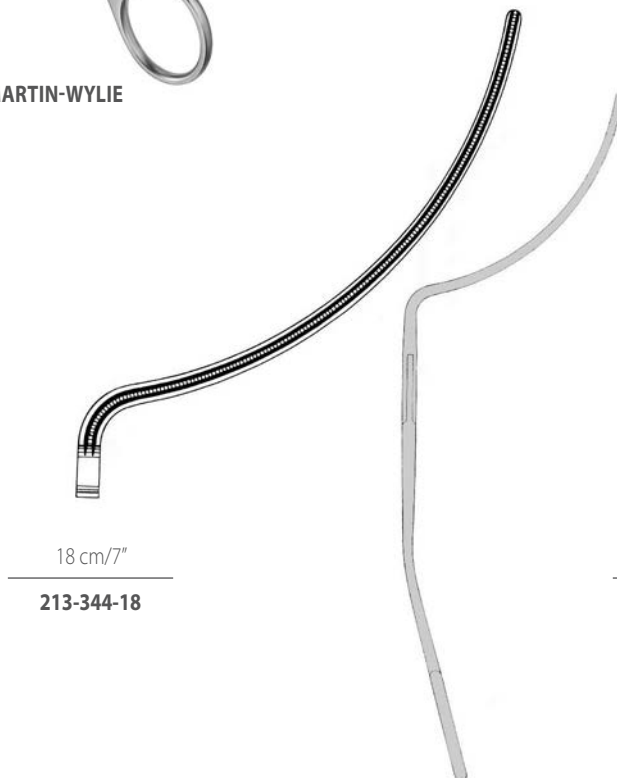
16 cm/6¼"

213-344-16



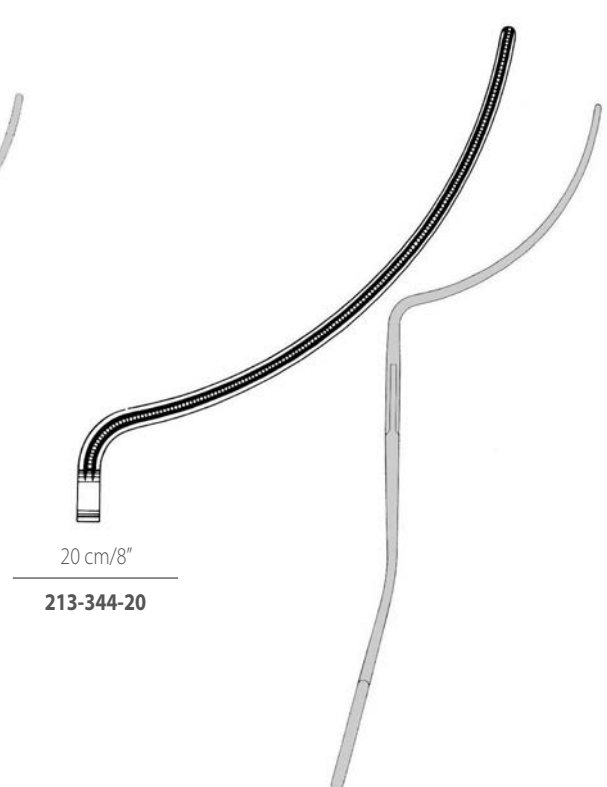
17 cm/6½"

213-344-17



18 cm/7"

213-344-18



20 cm/8"

213-344-20

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Dissecting and ligature clamps

Präparier- und Ligaturklemmen

Pincas à dissection et à ligature

Pinzas de disección y para ligaduras

Pinze per dissezione e per legature



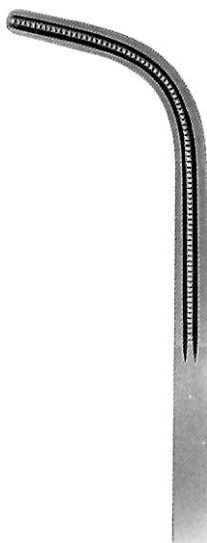
DE BAKEY-RUMEL

25 cm/10"



81 mm

213-345-01



81 mm

213-345-02



DE BAKEY-MC QUIGG-MIXTER

21 cm/8 3/4"

213-345-21

70 mm

FORCEPS AND CLAMPS

Dissecting and ligature clamps

Präparier- und Ligaturklemmen
 Pincas à dissection et à ligature
 Pinzas de disección y para ligaduras
 Pinze per dissezione e per legature

ATRAUMA



DE BAKEY

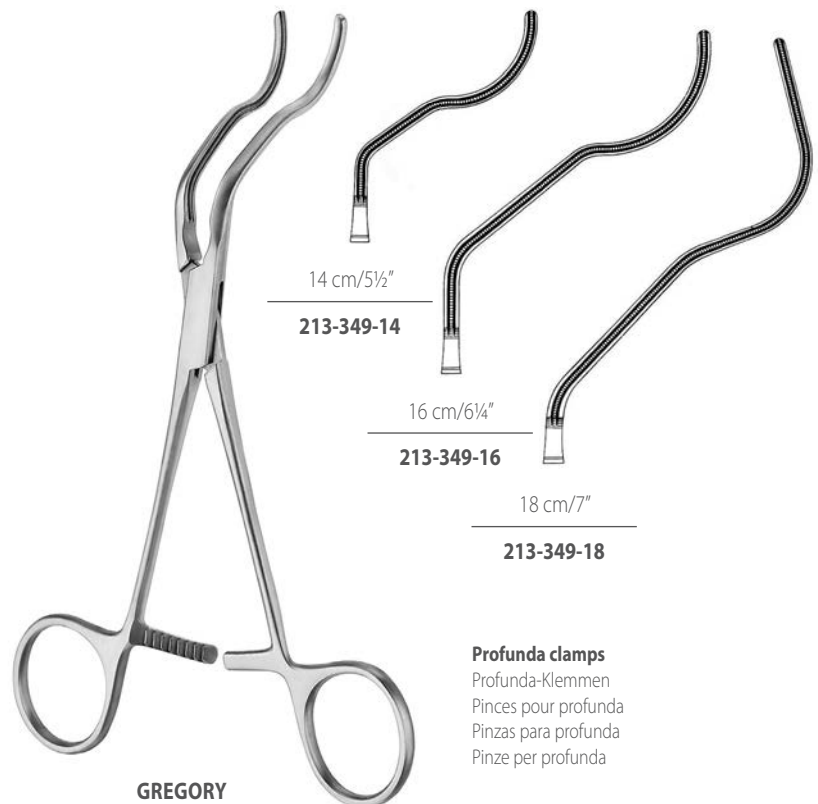


DE BAKEY-MIXTER

28.5 cm/11¼"

213-345-28

80 mm



GREGORY

14 cm/5½"

213-349-14

16 cm/6¼"

213-349-16

18 cm/7"

213-349-18

Profunda clamps

Profunda-Klemmen
 Pincas pour profunda
 Pinzas para profunda
 Pinze per profunda

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

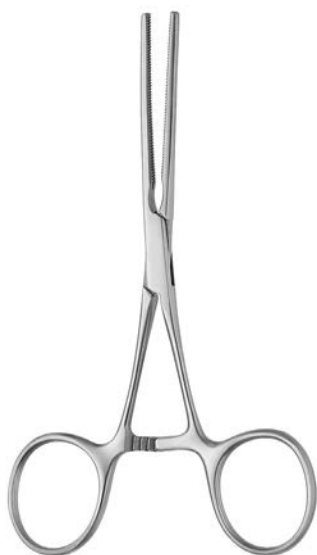
Ring Bulldog clamps

Bulldogklemmen mit Ringgriff

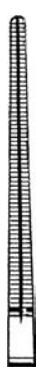
Clamps Bulldog, manche à anneau

Clamps Bulldog con mango de anillo

Pinze Bulldog con manico di anello

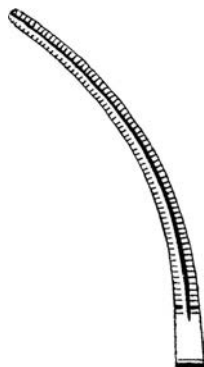


COOLEY



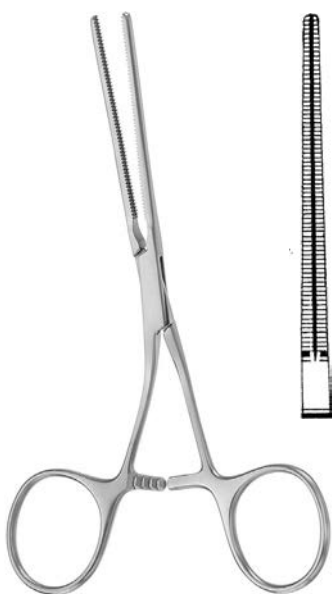
12.5 cm/5"

213-350-13



12.5 cm/5"

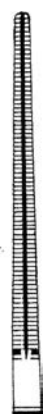
213-351-13



COOLEY

13.5 cm/5 1/4"

213-353-13



15°



COOLEY

10.5 cm/4 1/4"

213-359-10

FORCEPS AND CLAMPS

Ring Bulldog clamps

Bulldogklemmen mit Ringgriff

Clamps Bulldog, manche à anneau

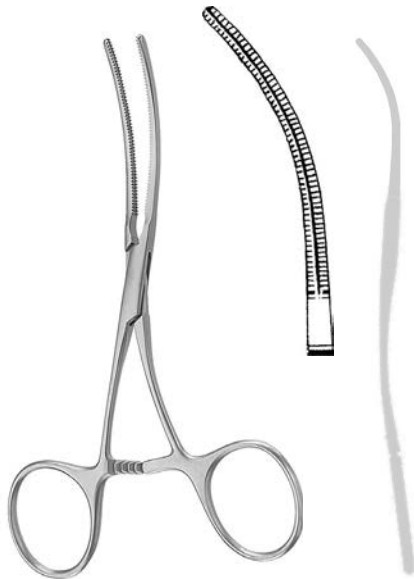
Clamps Bulldog con mango de anillo

Pinze Bulldog con manico di anello

ATRAUMA



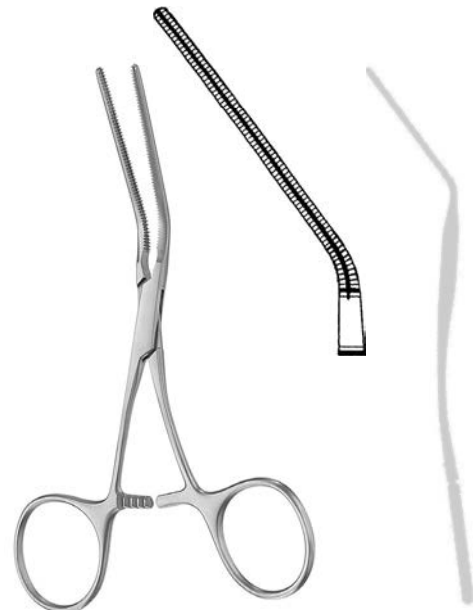
DE BAKEY



COOLEY

13.0 cm/5"

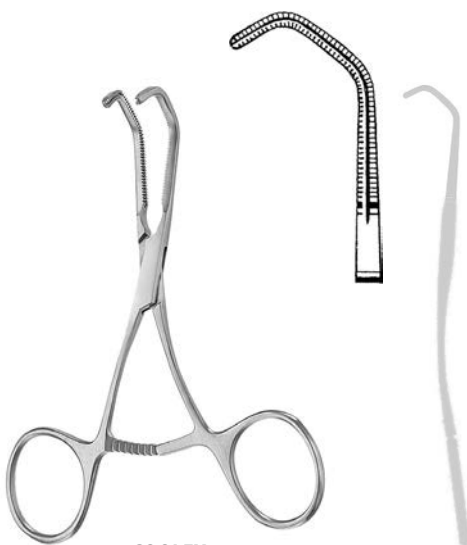
213-355-13



COOLEY

12.5 cm/5"

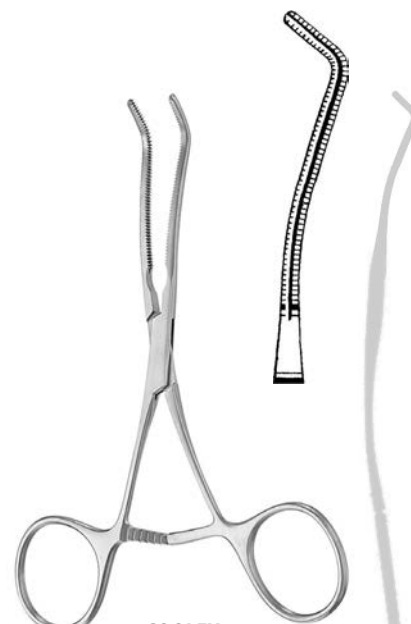
213-357-12



COOLEY

12.0 cm/4¾"

213-361-12



COOLEY

13.5 cm/5¼"

213-363-13

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Catheter clamps

Katheterklemmen
Pincas pour cathéters
Pinzas para catéteres
Pinze per cateteri

for vena cava

für die Vena cava
pour vena cava
para la vena cava
per la vena cava



COOLEY

**24 Charr.**

16 cm/6¼"

213-371-24**26 Charr.**

16 cm/6¼"

213-371-26**28 Charr.**

20 cm/8"

213-371-28**30 Charr.**

20 cm/8"

213-373-30**32 Charr.**

20 cm/8"

213-373-32**36 Charr.**

20 cm/8"

213-373-36

FORCEPS AND CLAMPS

ATRAUMA

DE BAKEY
Neonatal and pediatric clamps, extra delicate patterns

Neonatal- und Pädiatrieklemmen, extra feine Modelle

Pinces pour des nouveaux-nés et des enfants, modèles très fins

Pinzas para recién nacidos y niños, modelos muy finos

COOLEY Pinze pediatriche per neonato e bambini, modelli molto fini


COOLEY


14 cm/5½"

213-376-14


14 cm/5½"

213-377-14

COOLEY

14 cm/5½"

213-379-14

COOLEY

14 cm/5½"

213-380-14

COOLEY

14 cm/5½"

213-381-14

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

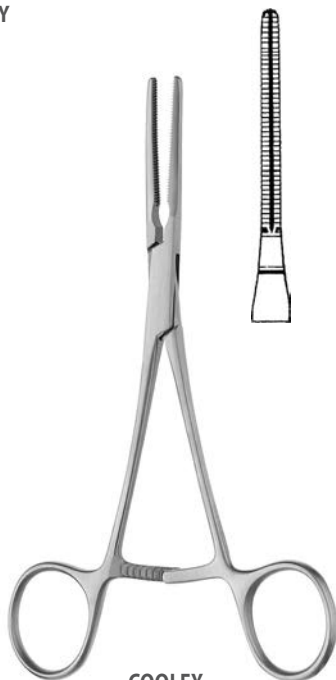
Coarctation clamps

Coarctationsklemmen

Pincas pour coarctation

Pinzas para coarctación

Pinze per coartazione



COOLEY

16 cm/6 1/4"

213-376-16



COOLEY

16 cm/6 1/4"

213-377-16

Atraumatic multi-purpose clamps

Atraumatische Mehrzweckklemmen

Pincas polyvalentes

Pinzas para multiuso

Pinze atraumatiche per multiuso



COOLEY

27 cm/10 3/4"

213-405-27

FORCEPS AND CLAMPS

Coarctation clamps

Coarctationsklemmen
 Pinces pour coarctation
 Pinzas para coarctación
 Pinze per coartazione

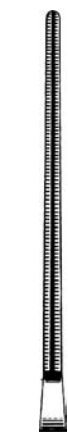
ATRAUMA



DE BAKEY

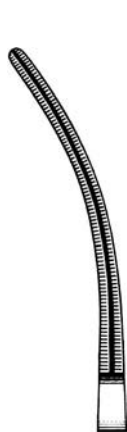


COOLEY



17 cm/6¾"

213-410-17



17 cm/6¾"

213-413-17



17 cm/6¾"

213-416-17



Coarctation clamps

Coarctationsklemmen
 Pinces pour coarctation
 Pinzas para coarctación
 Pinze per coartazione



COOLEY

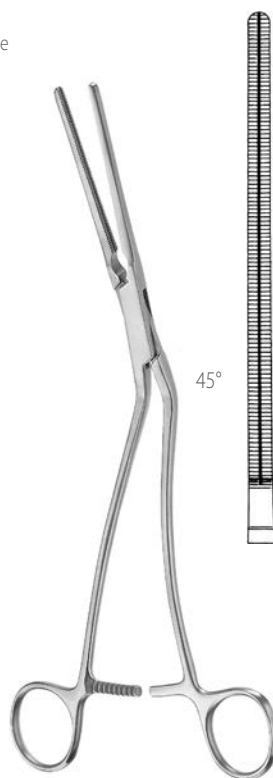
17 cm/6¾"

213-411-17



Iliac clamps

Iliaca-Klemmen
 Pinces pour veine iliaque
 Pinzas para iliaca
 Pinze per iliaca



COOLEY

21.5 cm/8½"

213-417-21

25 cm/10"

213-417-25

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Anastomosis clamps

Anastomoseklemmen

Pincers à anastomose

Pinzas para anastomosis

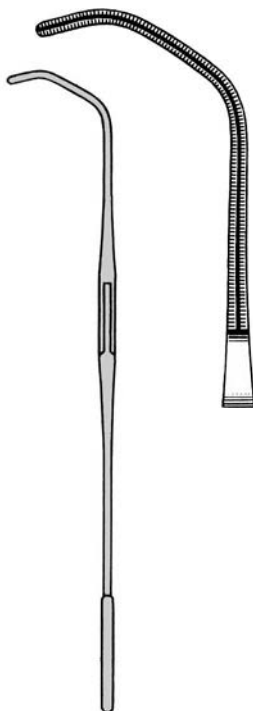
Pinze per anastomosi



COOLEY-BECK

17 cm/6¾"

213-419-17



Neonatal and pediatric clamps

Neonatal- und Pädiatrieklemmen

Pincers pour des nouveaux-nés et des enfants

Pinzas para recién nacidos y niños

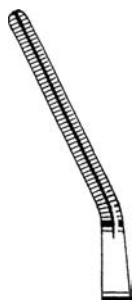
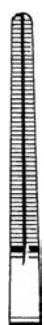
Pinze pediatriche per neonato e bambini



COOLEY

14 cm/5½"

213-420-14



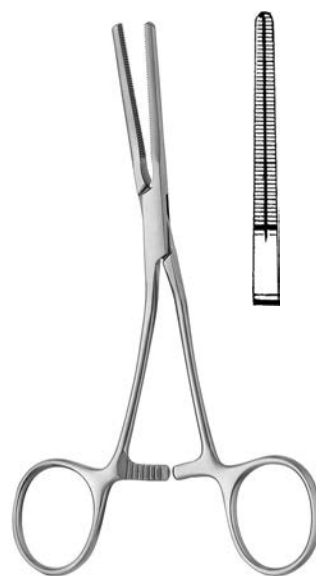
14 cm/5½"

213-421-14



14 cm/5½"

213-425-14



COOLEY

14 cm/5½"

213-423-14

FORCEPS AND CLAMPS

Anastomosis clamps

Anastomoseklemmen
 Pincas à anastomose
 Pinzas para anastomosis
 Pinze per anastomosi

ATRAUMA



DE BAKEY



COOLEY-BECK



15 cm/6"

213-426-15



15.5 cm/6"

213-426-16



COOLEY



17 cm/6¾"

213-427-14

17 cm/6¾"

213-427-15

17 cm/6¾"

213-427-16

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Tangential occlusion clamps

Tangentialklemmen

Pinces pour occlusion tangentielle

Pinzas para oclusión tangencial

Pinze per occlusione tangenziale



COOLEY



26 cm/10¼"

213-430-50

26 cm/10¼"

213-430-44

20.5 cm/8"

213-430-31



26 cm/10½"

213-430-63

27.5 cm/10¾"

213-430-78

FORCEPS AND CLAMPS

Atraumatic multi-purpose clamps

Atraumatische Mehrzweckklemmen
 Pinces polyvalentes
 Pinzas clamps para multiuso
 Pinze atraumatiche per multiuso

ATRAUMA



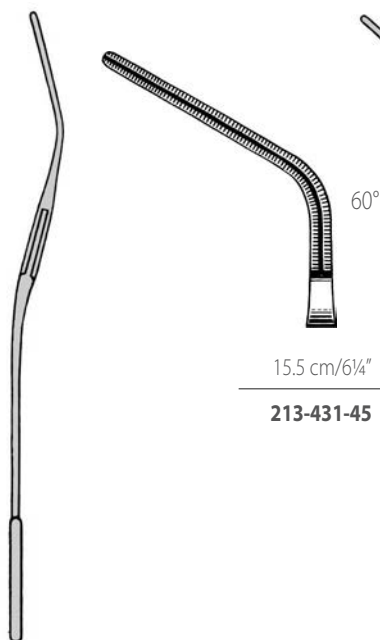
DE BAKEY



COOLEY

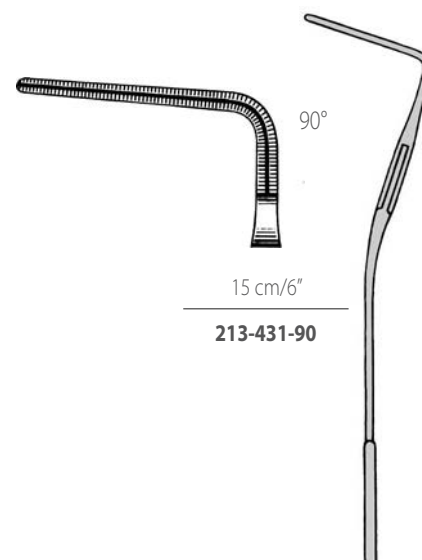
17 cm/6¾"

213-431-25



15.5 cm/6¼"

213-431-45



15 cm/6"

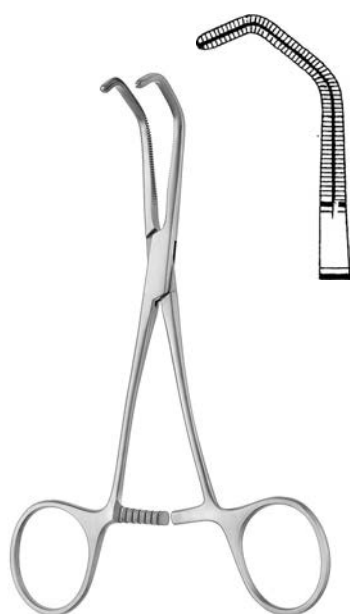
213-431-90

Neonatal and pediatric clamps

Neonatal- und Pädiatrieklemmen
 Pinces pour des nouveaux-nés et des enfants
 Pinzas para recién nacidos y niños
 Pinze pediatriche per neonato e bambini

Anastomosis clamps

Anastomoseklemmen
 Pinces à anastomose
 Pinzas para anastomosis
 Pinze per anastomosi



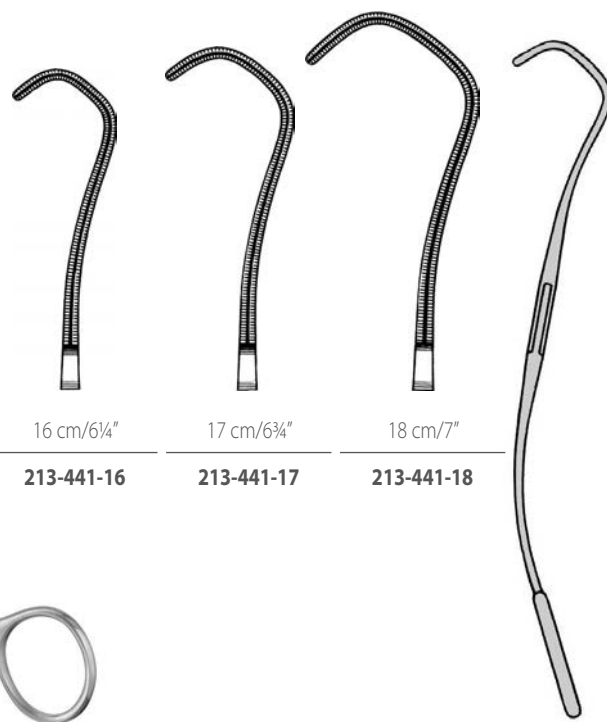
COOLEY

14 cm/5½"

213-433-14



COOLEY-DERRA



16 cm/6¼"

213-441-16

17 cm/6¾"

213-441-17

18 cm/7"

213-441-18

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Anastomosis clamps

Anastomoseklemmen

Pinces à anastomose

Pinzas para anastomosis

Pinze per anastomosi



COOLEY

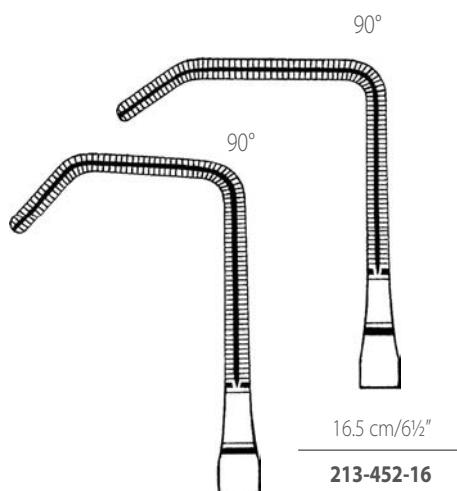


16 cm/6¼"

213-447-17

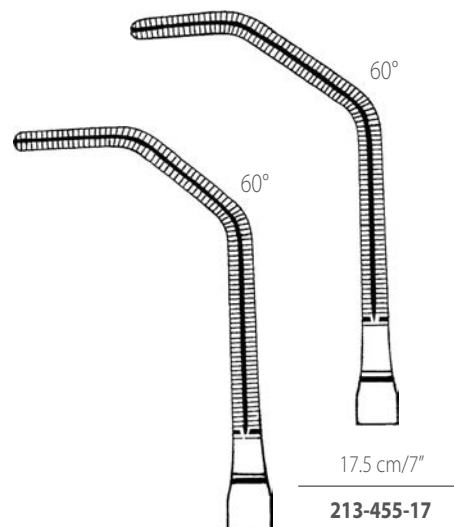


COOLEY



16.5 cm/6½"

213-451-16



17.5 cm/7"

213-453-16

FORCEPS AND CLAMPS

Atraumatic multi-purpose clamps

Atraumatische Mehrzweckklemmen

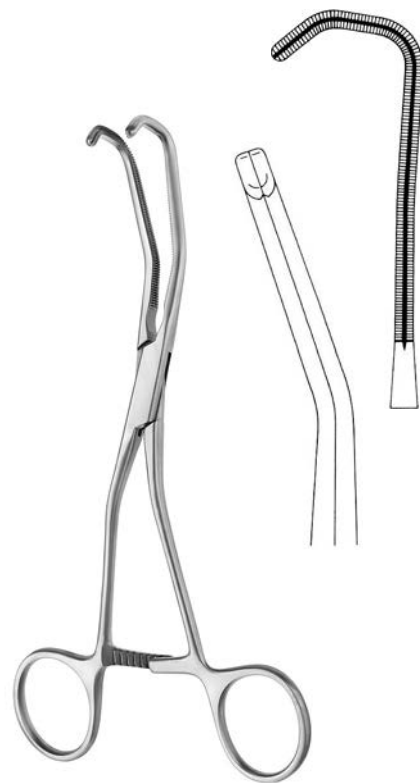
Pinces polyvalentes

Pinzas clamps para multiuso

Pinze atraumatiche per multiuso


COOLEY

17 cm/6¾"

213-457-17

COOLEY

17 cm/6¾"

213-461-17
ATRAUMA

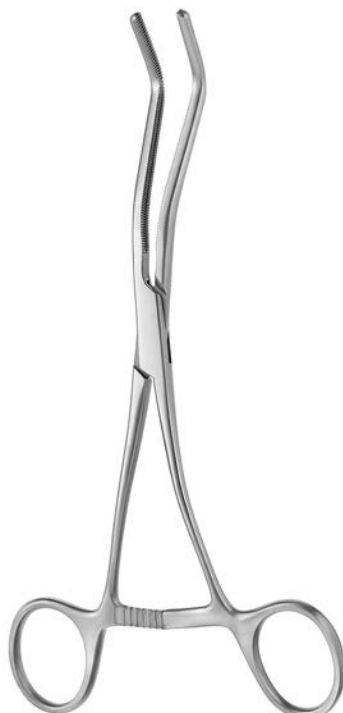
DE BAKEY
Carotid shunt clamps

Carotis-Shuntklemmen

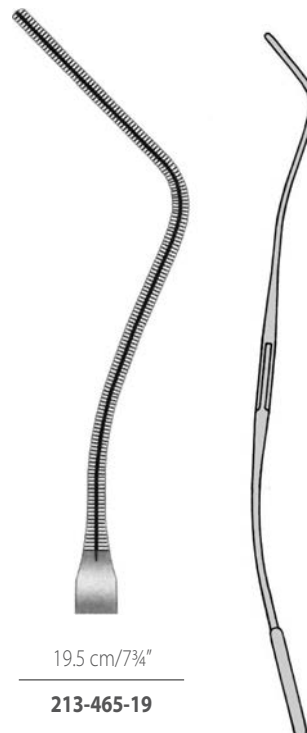
Pinces pour carotide

Pinzas para carótido

Pinze carotis


COOLEY


18.5 cm/7¼"

213-465-18


19.5 cm/7¾"

213-465-19

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Carotid shunt clamps

Carotis-Shuntklemmen

Pincas pour carotide

Pinzas para carótido

Pinze carotis

**COOLEY**

27.5 cm/10¾"

213-467-27

Atraumatic multi-purpose clamps

Atraumatische Mehrzweckklemmen

Pincas polyvalentes

Pinzas clamps para multiuso

Pinze atraumatiche per multiuso

**COOLEY**

26 cm/10¼"

213-465-26

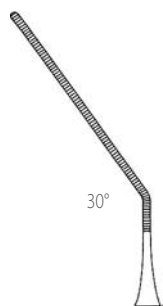
Neonatal and pediatric clamps, extra delicate patterns

Neonatal- und Pädiatrieklemmen, extra feine Modelle
Pincas pour des nouveaux-nés et des enfants, modèles très fins
Pinzas para recién nacidos y niños, modelos muy finos
Pinze pediatriche per neonato e bambini, modelli molto fini

ATRAUMA

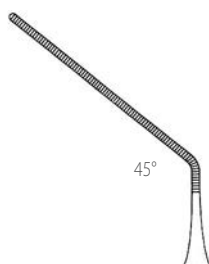
DE BAKEY


13 cm/5"

213-481-13


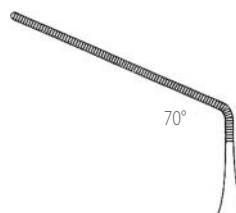
30°

12.5 cm/5"

213-483-13


45°

12 cm/4¾"

213-485-13


70°

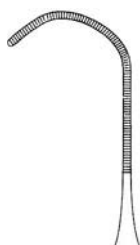
11.5 cm/4½"

213-487-13

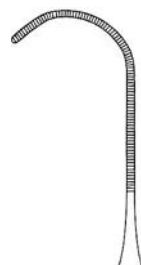

90°

11 cm/4¼"

213-489-13

CASTAÑEDA


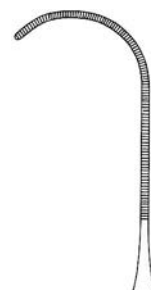
12 cm/4¾"

213-491-15


12 cm/4¾"

213-493-15


12 cm/4¾"

213-495-12


12 cm/4¾"

213-495-15

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Neonatal and pediatric clamps, extra delicate patterns

Neonatal- und Pädiatrieklemmen, extra feine Modelle

Pinces pour des nouveaux-nés et des enfants, modèles très fins

Pinzas para recién nacidos y niños, modelos muy finos

Pinze pediatriche per neonato e bambini, modelli molto fini



COOLEY



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Type A



Type B



Type C

straight
gerade
droit
recta
rette

angled
abgewinkelt
coudé
acodado
angolari

strongly angled
stark abgewinkelt
fortement coudé
fuertemente acodado
fortemente angolari

		Type A	Type B	Type C
Fig. 1	14.5 cm/5¾"	213-502-01	213-503-01	213-505-01
Fig. 2	14.5 cm/5¾"	213-502-02	213-503-02	213-505-02
Fig. 3	14.5 cm/5¾"	213-502-03	213-503-03	213-505-03
Fig. 4	13.5 cm/5¼"	213-502-04	213-503-04	213-505-04
Fig. 5	14.5 cm/5½"	213-502-05	213-503-05	213-505-05
Fig. 6	13.5 cm/5¼"	213-502-06	213-503-06	213-505-06
Fig. 7	13.5 cm/5¼"	213-502-07	213-503-07	213-505-07
Fig. 8	14 cm/5½"	213-502-08	213-503-08	213-505-08
Fig. 9	13.5 cm/5¼"	213-502-09	213-503-09	213-505-09

FORCEPS AND CLAMPS

ATRAUMA

DE BAKEY
Neonatal and pediatric clamps, extra delicate patterns

Neonatal- und Pädiatrieklemmen, extra feine Modelle

Pinces pour des nouveaux-nés et des enfants, modèles très fins

Pinzas para recién nacidos y niños, modelos muy finos

Pinze pediatriche per neonato e bambini, modelli molto fini

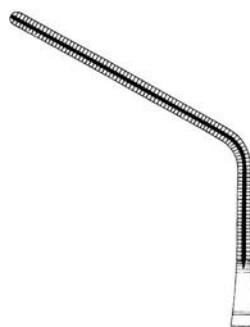

COOLEY

16.5 cm/6 1/2"

213-508-16

COOLEY

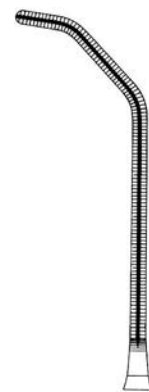

16.5 cm/6 1/2"

213-509-16


15.5 cm/6"

213-510-16


15.5 cm/6"

213-511-15


16 cm/6 1/4"

213-5212-16

FORCEPS AND CLAMPS

ATRAUMA



DE BAKEY

Neonatal and pediatric clamps, extra delicate patterns

Neonatal- und Pädiatrieklemmen, extra feine Modelle

Pincès pour des nouveaux-nés et des enfants, modèles très fins

Pinzas para recién nacidos y niños, modelos muy finos

Pinze pediatriche per neonato e bambini, modelli molto fini



CASTAÑEDA

12 cm/4 $\frac{3}{4}$ "

213-513-30

213-513-45



CASTAÑEDA

15.5 cm/6"



213-515-48

213-515-52

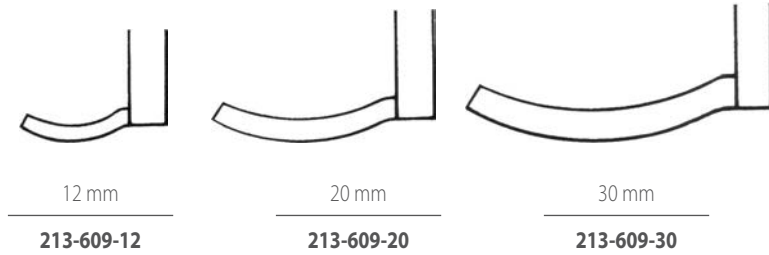
213-515-56

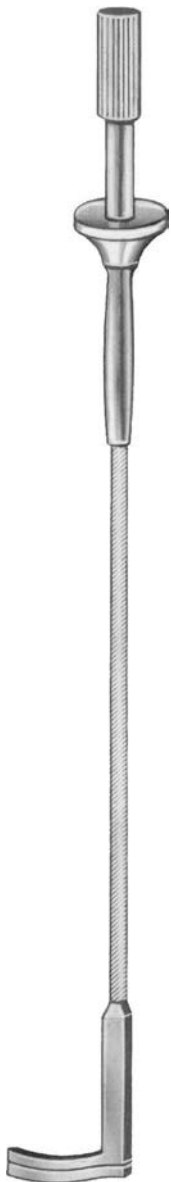
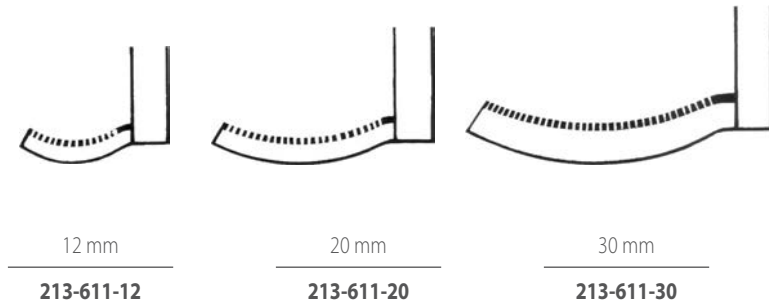
213-515-50

FORCEPS AND CLAMPS

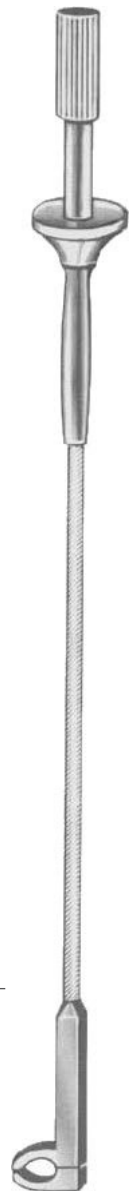
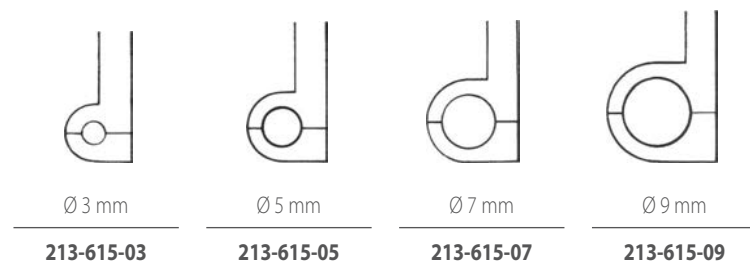
ATRAUMA

DE BAKEY
plain jaw

glattes Maul
mors lisse
boca lisa
morso liscio

atraumatic jaw

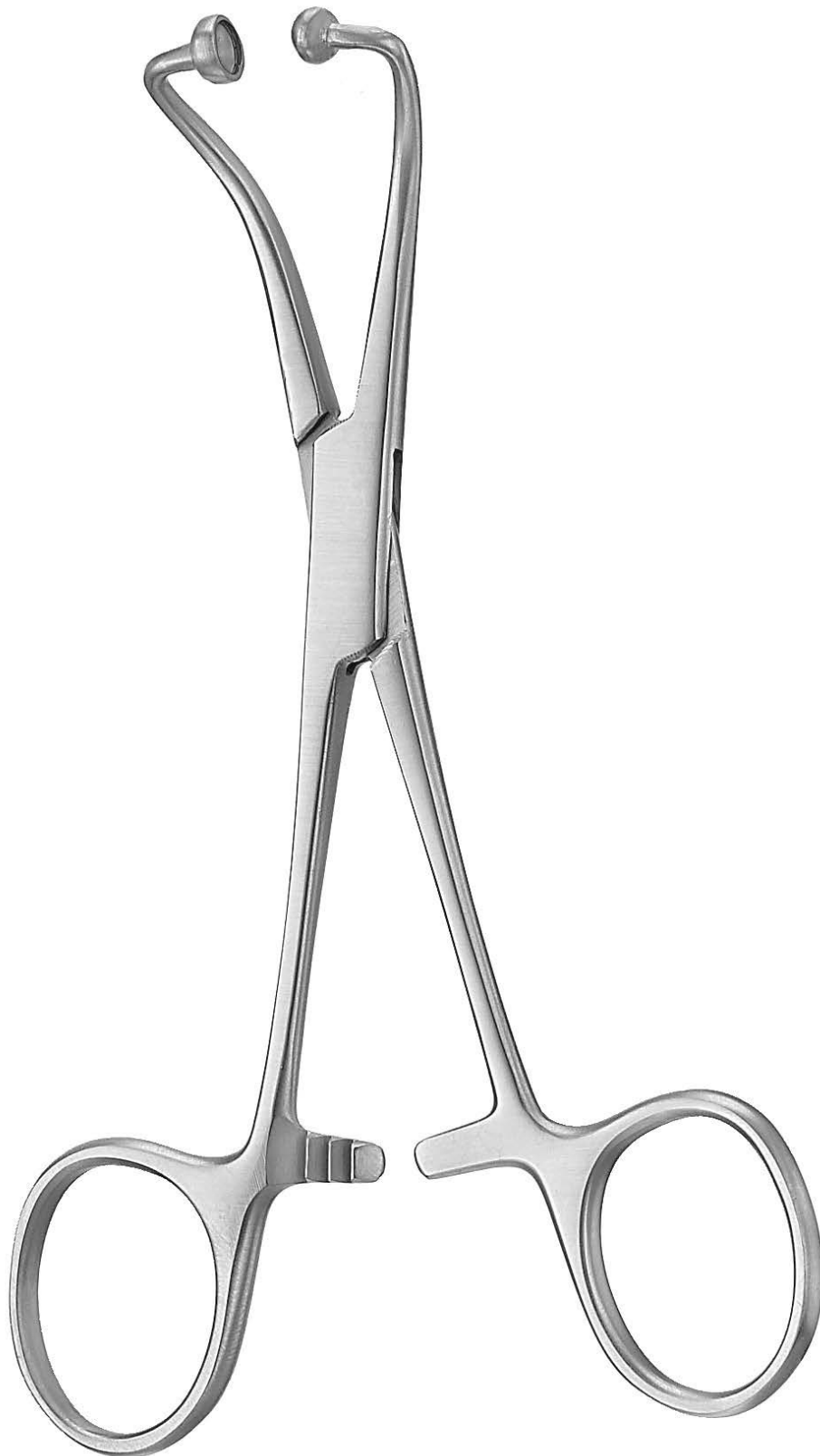
atraumatisches Maul
mors atraumatique
bocas atraumáticas
morso atraumatiche


20 cm/8"



20 cm/8"

FORCEPS AND CLAMPS



FORCEPS AND CLAMPS

sharp
 scharf
 tranchante
 aguda
 acute



SCHAEDEL
 9 cm/3½"

214-101-09

sharp
 scharf
 tranchante
 aguda
 acute



JONES

5.5 cm/2¼"

214-103-05

9 cm/3½"

214-103-09

sharp
 scharf
 tranchante
 aguda
 acute

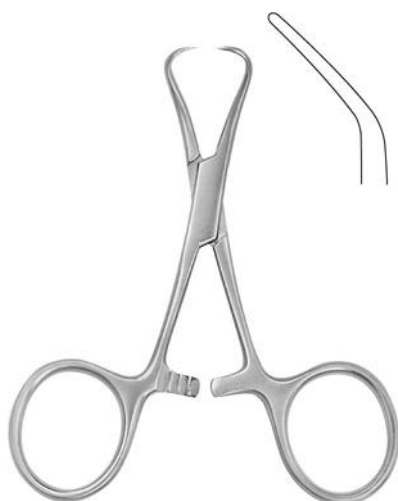


with tube holder
 mit Schlauchhalter
 avec porte-tuyau
 con porta-tubo
 con porta tubo

JONES

8.5 cm/3¼"

214-105-09



BACKHAUS

9 cm/3½"

214-111-09

11 cm/4¼"

214-111-11

13 cm/5"

214-111-13

15 cm/6"

214-111-15



PEERS BERTRAM

14.5 cm/5¾"

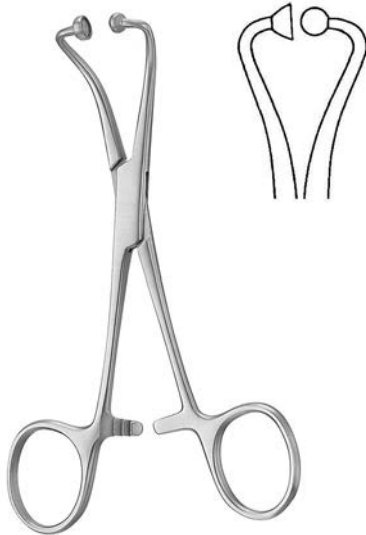
214-118-14

wide jaw for tube fixation
 weites Maul zur Schlauchfixierung
 mors large pour la fixation du tuyau
 boca ancha para fijación de tubos
 morso spalancato per fissare il tubo

FORCEPS AND CLAMPS

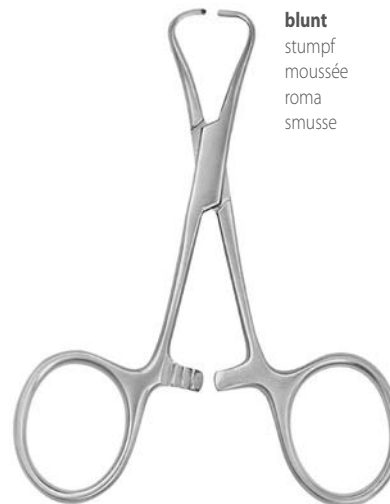
for paper clothes

für Papierabdeckung
pour la couverture du papier
para paños de papel
per copertura di carta



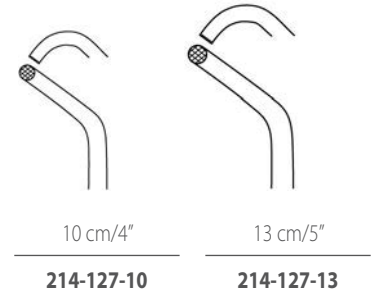
BALL AND SOCKET

9 cm/3½"	214-123-09
10 cm/4"	214-123-10
11 cm/4¼"	214-123-11
13 cm/5"	214-123-13
14 cm/5½"	214-123-14
16 cm/6¼"	214-123-16



TOHOKU

blunt
stumpf
moussée
roma
smusse



LORNA

9 cm/3½"	214-121-09
10 cm/4"	214-121-11
13 cm/5"	214-121-13

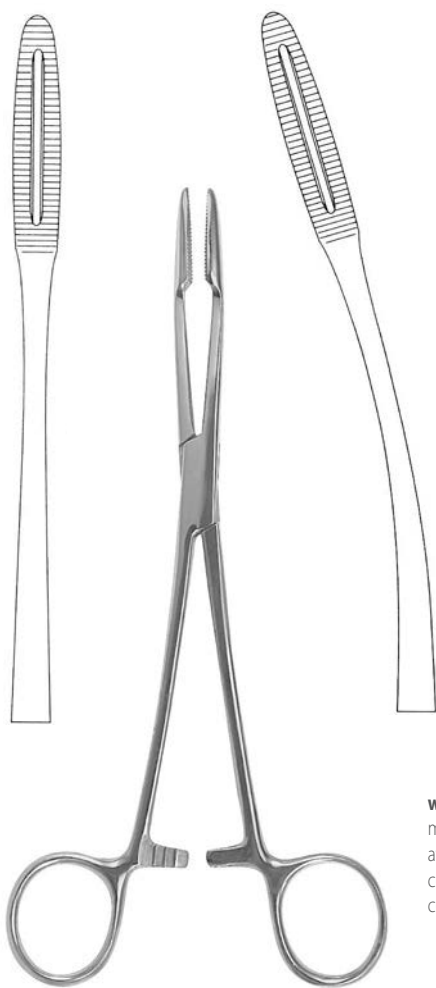
fine serrated, wide jaw
fein gezahnt, breites Maul
dents fins, mors large
boca ancha, delicadamente dentada
marso largo, con denti fini



LANE

13 cm/5"	214-164-13
15.5 cm/6"	214-164-15
19.5 cm/7¾"	214-164-20

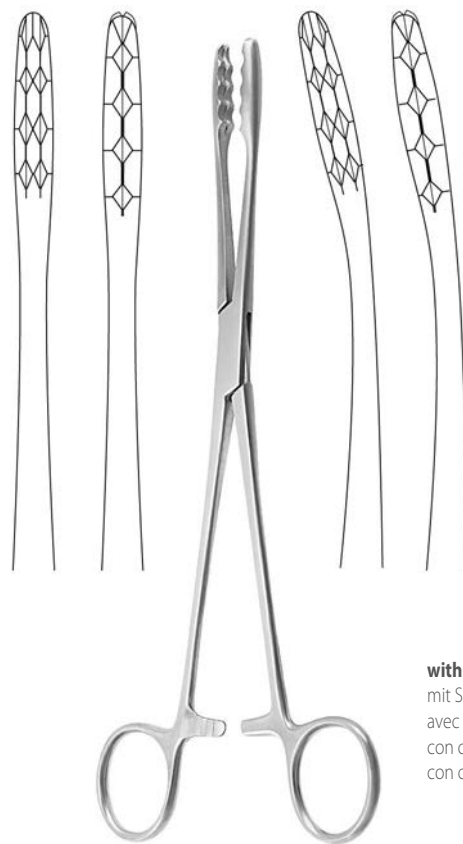
FORCEPS AND CLAMPS



GROSS-MAIER

with ratchet
 mit Sperre
 avec crémaillère
 con cremallera
 con cremagliera

	straight	curved
14 cm/5½"	216-110-14	216-111-14
18 cm/7"	216-110-18	216-111-18
20 cm/8"	216-110-20	216-111-20
22 cm/8¾"	216-110-22	216-111-22
25 cm/10"	216-110-25	216-111-25
27 cm/10½"	216-110-27	216-111-27
36 cm/14¼"	216-110-36	216-111-36
40 cm/16"	216-110-40	216-111-40

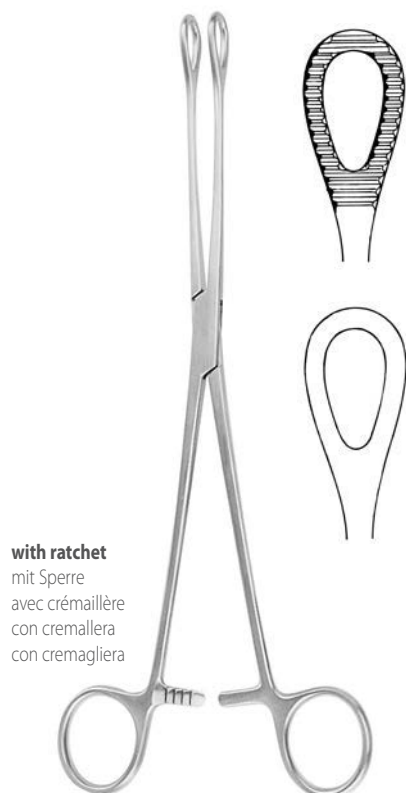


ULRICH

with ratchet
 mit Sperre
 avec crémaillère
 con cremallera
 con cremagliera

	straight	curved
22 cm/8¾"	216-160-22	216-161-22
25 cm/10"	216-160-25	216-161-25
27 cm/10½"	216-160-27	216-161-27

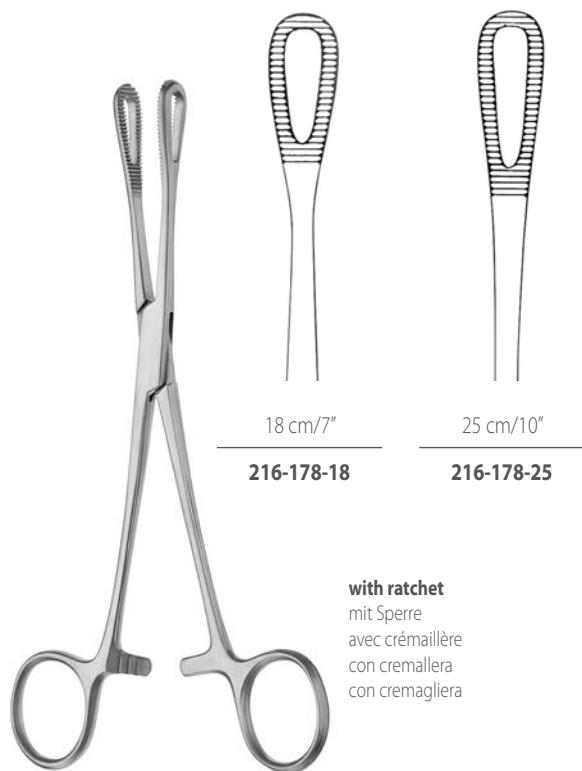
FORCEPS AND CLAMPS



with ratchet
mit Sperre
avec crémaillère
con cremallera
con cremagliera

FOERSTER

	straight	curved	straight	curved
18 cm/7"	216-170-18	216-171-18	216-172-18	216-173-18
20 cm/8"	216-170-20	216-171-20	216-172-20	216-173-20
25 cm/10"	216-170-25	216-171-25	216-172-25	216-173-25
30 cm/12"	216-170-30	216-171-30	216-172-30	216-173-30

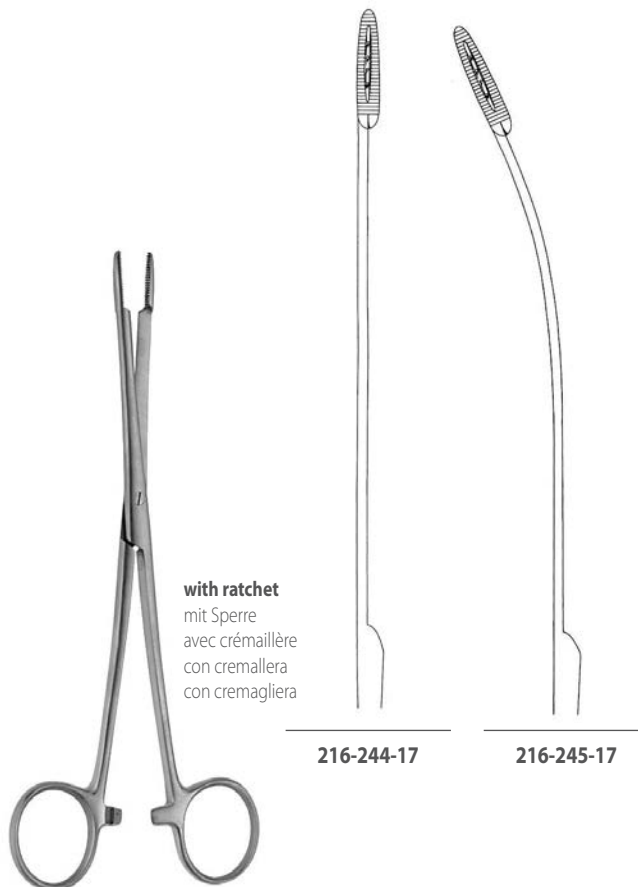


18 cm/7"
216-178-18

25 cm/10"
216-178-25

with ratchet
mit Sperre
avec crémaillère
con cremallera
con cremagliera

RAMPLEY



with ratchet
mit Sperre
avec crémaillère
con cremallera
con cremagliera

216-244-17

216-245-17

MARTIN

17 cm/6¾"

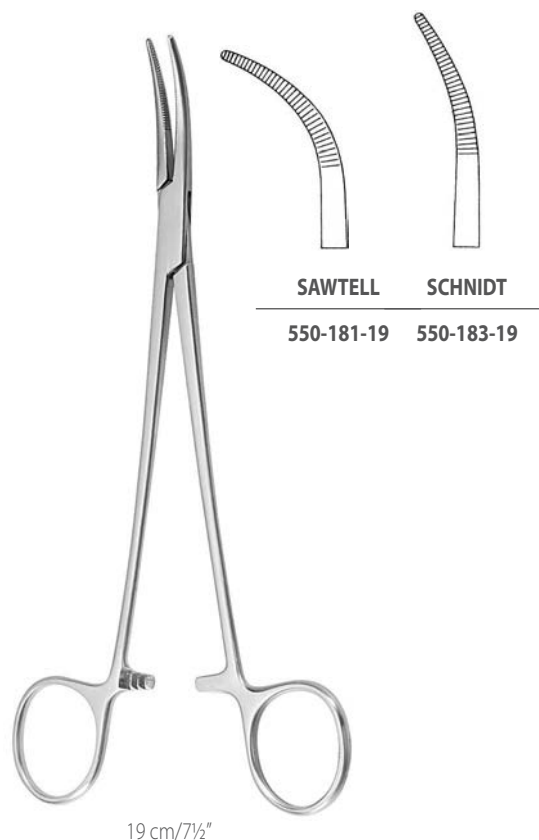
FORCEPS AND CLAMPS

Sinus forceps

Sinusklemme
 Pincers à sinus
 Pinzas para seno
 Pinze sinus



LISTER



Lung grasping forceps

Lungenfasszangen
 Pincers à saisir le poumon
 Pinzas para coger el pulmón
 Pinze per afferrare il polmone



LOVELACE
 20 cm/8"
656-290-20



LOVELACE
 20 cm/8"
656-291-20



HARRINGTON

30.5 cm/12 1/2"

656-301-30



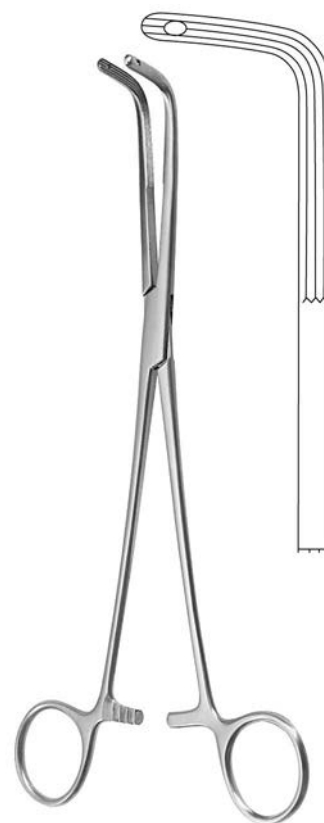
HARRINGTON

29 cm/11 3/4"

656-303-29

31 cm/12 1/2"

656-303-31

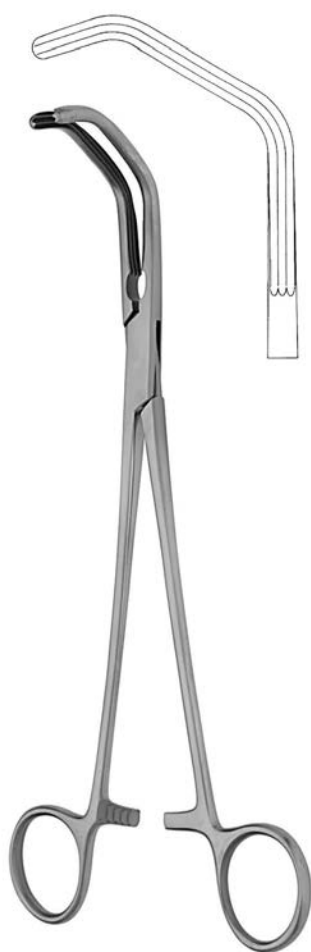


FINOCHIETTO

24 cm/9 1/2"

656-307-24

FORCEPS AND CLAMPS

**PRICE-THOMAS**

22 cm/8¾"

656-309-22**PRICE-THOMAS**

22 cm/8¾"

656-311-22

left
links
à gauche
izquierda
sinistra

**PRICE-THOMAS**

22 cm/8¾"

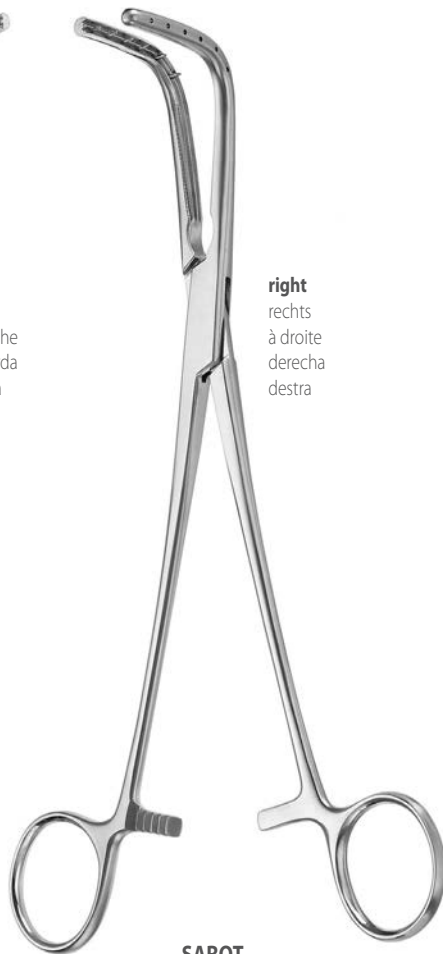
656-313-22

right
rechts
à droite
derecha
destra



left
 links
 à gauche
 izquierda
 sinistra

656-317-23

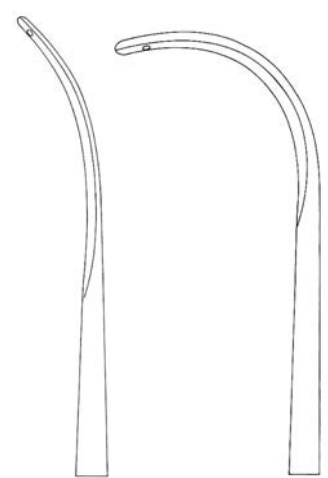


right
 rechts
 à droite
 derecha
 destra

SAROT
 23 cm/9"
 656-319-23



SEMB
 23 cm/9"



656-321-23

656-323-23

Dissecting and ligature forceps
 Präparier- und Ligaturklemmen
 Pinces à dissection et à ligature
 Pinzas para disección y ligaduras
 Pinze per dissezione e per legature (passafili)

FORCEPS AND CLAMPS

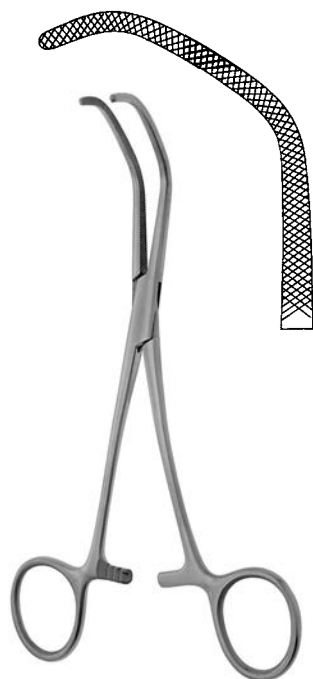
for vena cava

für die Vena cava

pour vena cava

para la vena cava

per la vena cava



SATINSKY

15 cm/6"

656-325-15



SATINSKY

26 cm/10 1/4"

Fig. 1

656-327-26

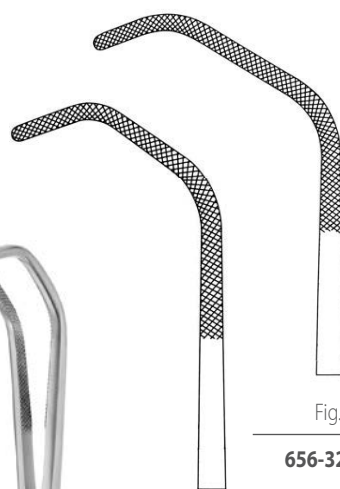


Fig. 2

656-329-26



SATINSKY

26 cm/10 1/4"

Fig. 1

656-331-26

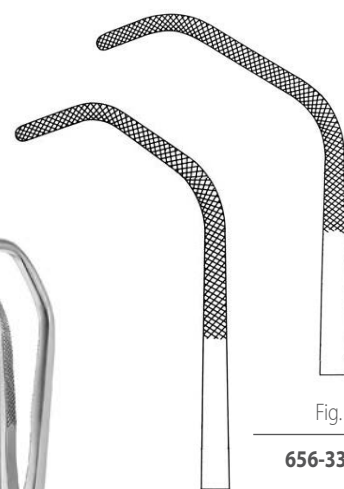


Fig. 2

656-333-26

FORCEPS AND CLAMPS



HARKEN
 24 cm/9½"

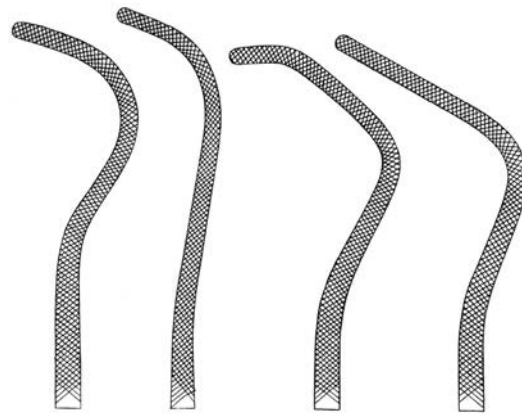


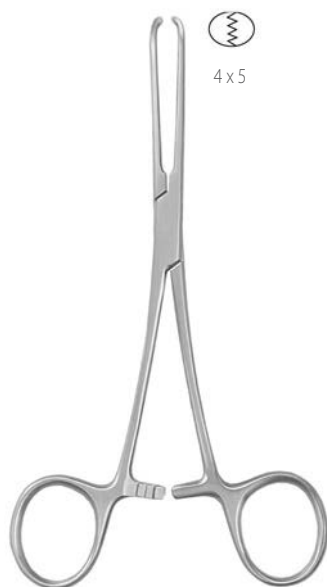
Fig. 1 Fig. 2 Fig. 3 Fig. 4
 656-345-24 656-343-24 656-347-24 656-349-24

Embolus grasping forceps
 Embolusfasszange
 Pince à saisir l'embolus
 Pinzas para coger émbolo
 Pinza afferrare embolo



BLAKE
 21 cm/8¼"
 762-106-20

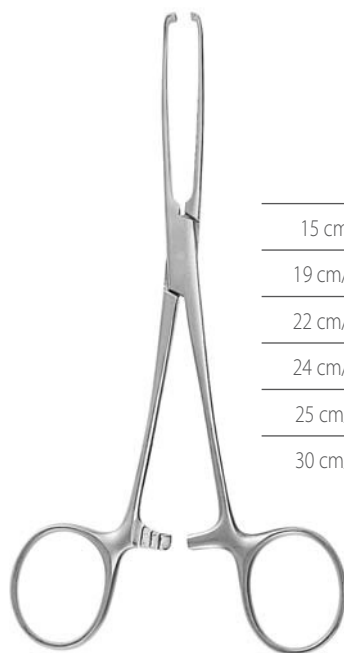
FORCEPS AND CLAMPS



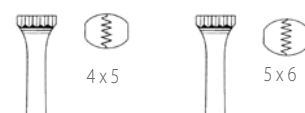
ALLIS-BABY

13 cm/5"	764-102-13
----------	-------------------

14 cm/5½"	764-102-14
-----------	-------------------



ALLIS



	4 x 5 teeth	5 x 6 teeth
15 cm/6"	764-110-15	764-120-15
19 cm/7½"	764-110-19	764-120-19
22 cm/8¾"		764-120-22
24 cm/9½"		764-120-24
25 cm/10"	764-110-25	
30 cm/12"		764-120-30



ALLIS-ATRAUMA

ATRAUMA



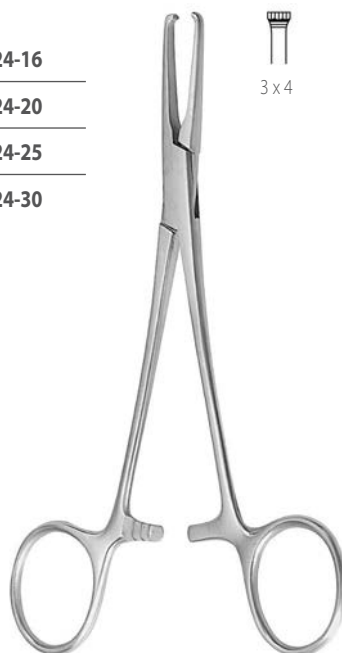
DE BAKEY

16 cm/6¼"	764-124-16
-----------	-------------------

20 cm/8"	764-124-20
----------	-------------------

25 cm/10"	764-124-25
-----------	-------------------

30 cm/12"	764-124-30
-----------	-------------------



JUDD-ALLIS

15 cm/6"	764-140-15
----------	-------------------

14 cm/5½"	764-140-19
-----------	-------------------



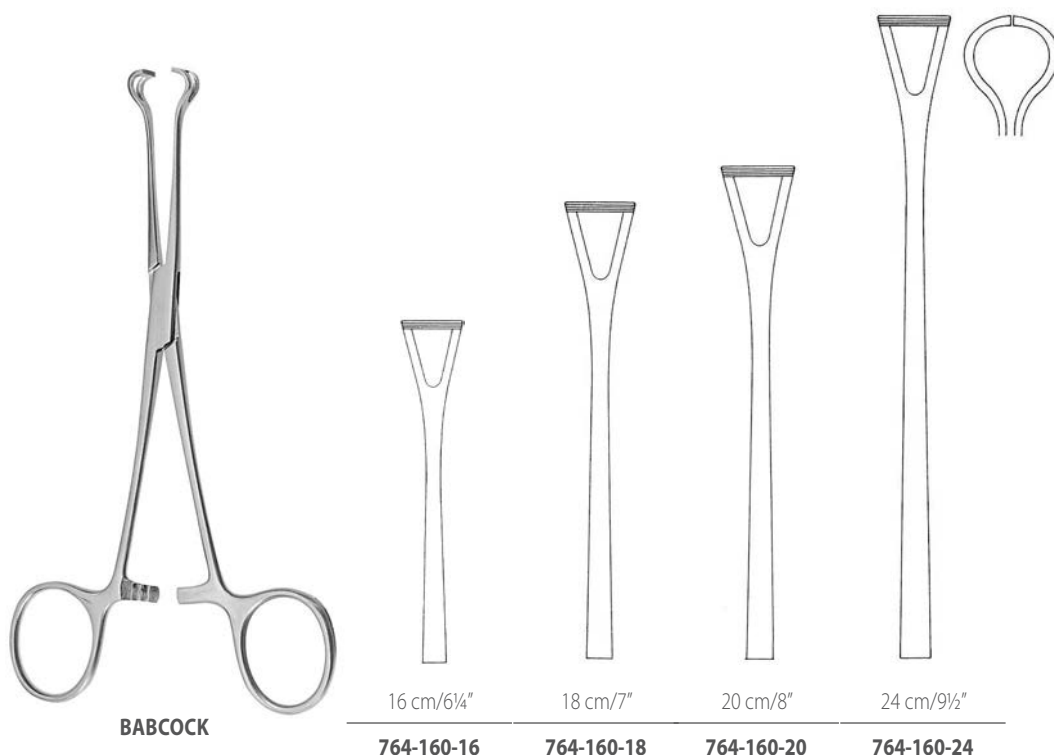
THOMS-ALLIS

20 cm/8"

764-150-20



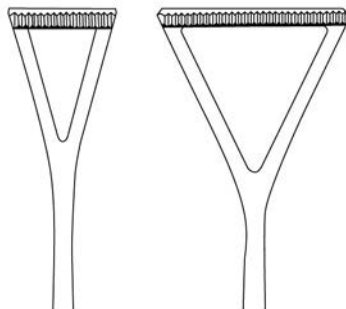
FORCEPS AND CLAMPS



FORCEPS AND CLAMPS



DUVAL



18 cm/7"	764-170-18	
20 cm/8"	764-170-20	764-172-20
23 cm/9"		764-172-23

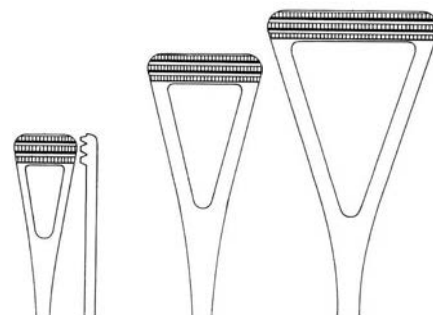


DUVAL
20 cm/8"

764-174-20



SCHEIBE



18 cm/7"	20 cm/8"	23 cm/9"
764-178-18	764-178-20	764-178-23

Cardiac valve grasping forceps

Herzklappen-Fasszange
 Pincès à saisir la valvule cardiaque
 Pinzas de corazón-válvula
 Pinze per afferrare il cuore-valvola

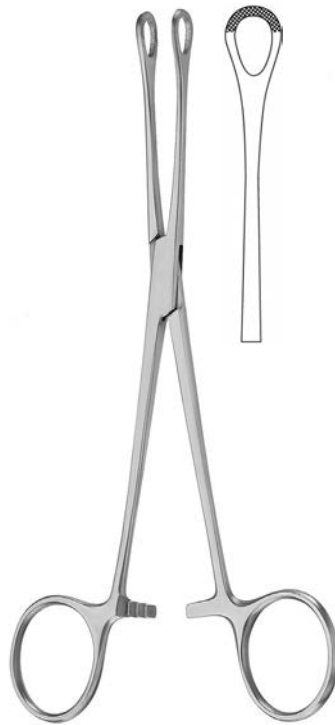
2 x 3



LITTLEWOOD

19 cm/7½"

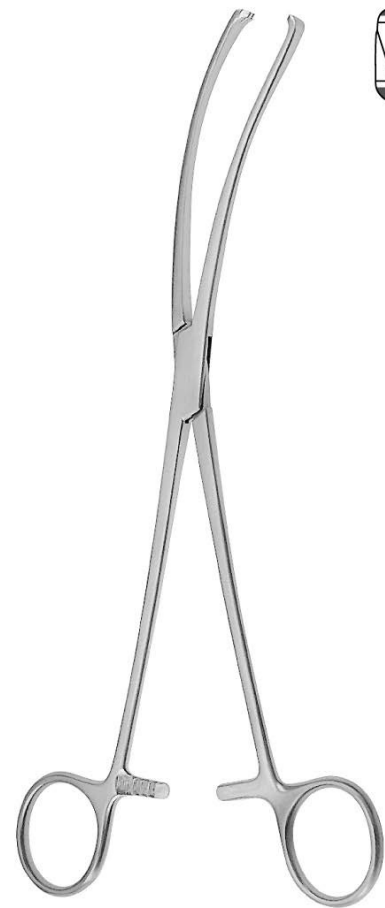
764-144-19



WILLIAMS

16.5 cm/6½"

764-180-16



TEALE

23 cm/9"

770-531-23



3 x 4

RETRACTORS

WUNDHAKEN

ECARTEURS

SEPARADORES

DIVARICATORI

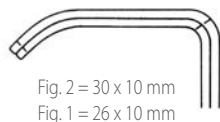


Fig. 2 = 30 x 10 mm
Fig. 1 = 26 x 10 mm

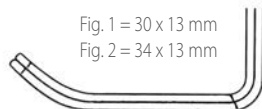


Fig. 1 = 30 x 13 mm
Fig. 2 = 34 x 13 mm

FARABEUF

12 cm/4¾"

Fig. 1 + 2

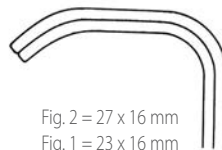
218-102-12


Fig. 2 = 27 x 16 mm
Fig. 1 = 23 x 16 mm

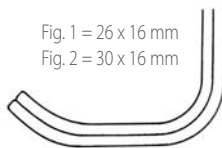
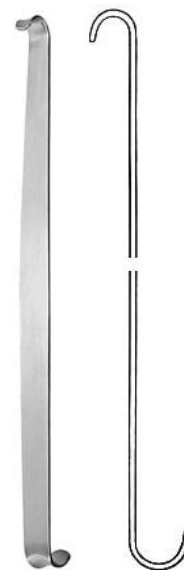


Fig. 1 = 26 x 16 mm
Fig. 2 = 30 x 16 mm

FARABEUF

15 cm/6"

Fig. 1 + 2

218-102-15

ROUX-MINI

15 cm/6"

8 x 6 mm

218-124-15

ROUX
218-120-00
Set complete, Fig. 1 - 3

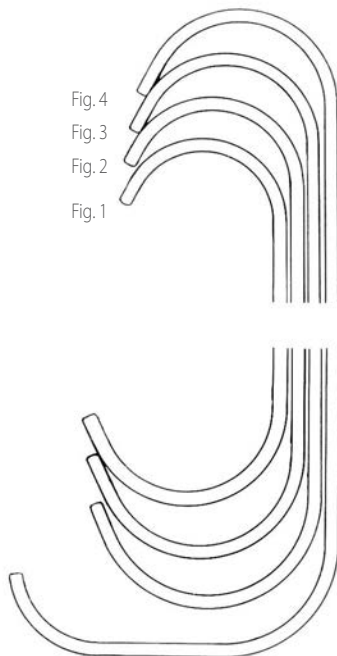
Satz komplett, Fig. 1 - 3

Jeu complet, Fig. 1 - 3

Juego completo, Fig. 1 - 3

Serie completa, Fig. 1 - 3

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


Fig. 1

14 cm/5½"

218-120-14

24 x 20 / 30 x 28 mm

Fig. 2

15 cm/6"

218-120-15

29 x 26 / 36 x 36 mm

Fig. 3

17 cm/6¾"

218-120-17

33 x 29 / 38 x 43 mm

Fig. 4

18 cm/7"

218-120-18

29 x 24 / 45 x 28 mm



43 x 24 mm

28 x 24 mm

ROUX

17 cm/6¾"

218-120-28



Fig. 2 = 25 x 15 mm
Fig. 1 = 21 x 15 mm

Fig. 1

218-131-01

Fig. 2

218-131-02



Fig. 1 = 40 x 15 mm
Fig. 2 = 45 x 15 mm

US ARMY (PARKER-LANGENBECK)

21 cm/8¼"

Fig. 1 + 2

218-131-21

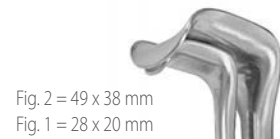


Fig. 2 = 49 x 38 mm
Fig. 1 = 28 x 20 mm

RICHARDSON

Fig. 1

26 cm/10¼"

218-140-01

Fig. 2

27 cm/10¾"

218-140-02

Fig. 1 = 36 x 28 mm
Fig. 2 = 63 x 49 mm



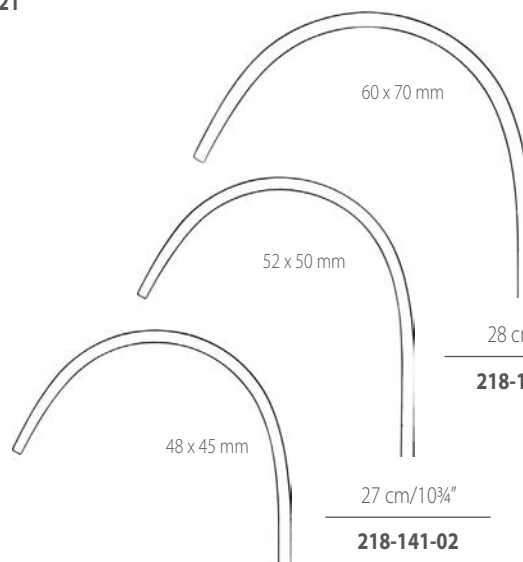
RICHARDSON-EASTMAN

Fig. 1 + 2

218-140-00



MIDDELDORPF



60 x 70 mm

52 x 50 mm

48 x 45 mm

28 cm/11"

218-141-03

27 cm/10¾"

218-141-02

27 cm/10¾"

218-141-01



FRITSCH



23.5 cm/9¼"
37 x 31 mm

218-142-00



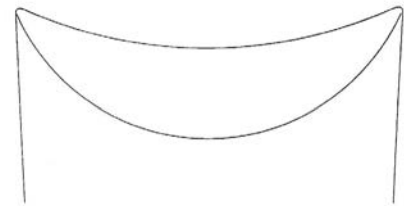
24 cm/9½"
38 x 40 mm

218-142-01



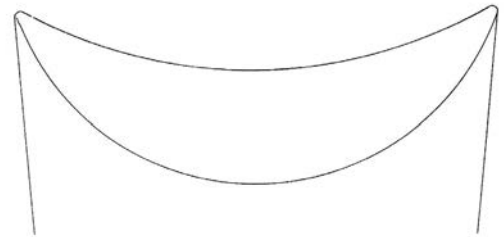
25 cm/10"
43 x 51 mm

218-142-02



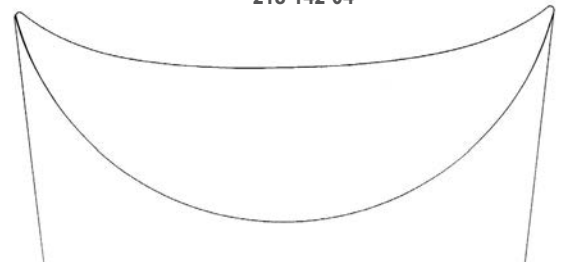
25 cm/10"
49 x 61 mm

218-142-03



25.5 cm/10"
48 x 75 mm

218-142-04



26.5 cm/10½"
65 x 85 mm

218-142-05

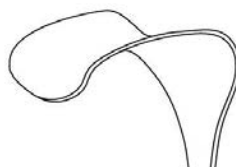


RICHARDSON
24 cm/9½"



28 x 20 mm

218-150-01



44 x 38 mm

218-150-03



36 x 28 mm

218-150-02

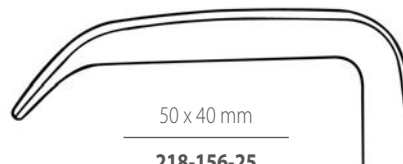


52 x 22 mm

218-150-04

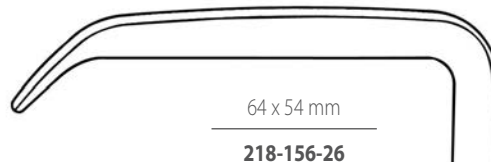


KELLY
26 cm/10¼"



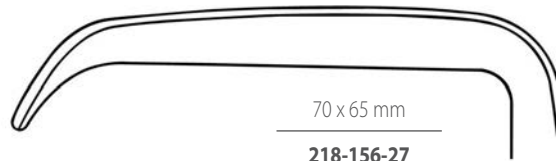
50 x 40 mm

218-156-25



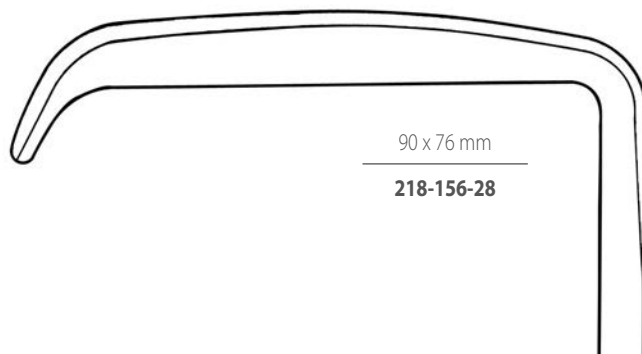
64 x 54 mm

218-156-26



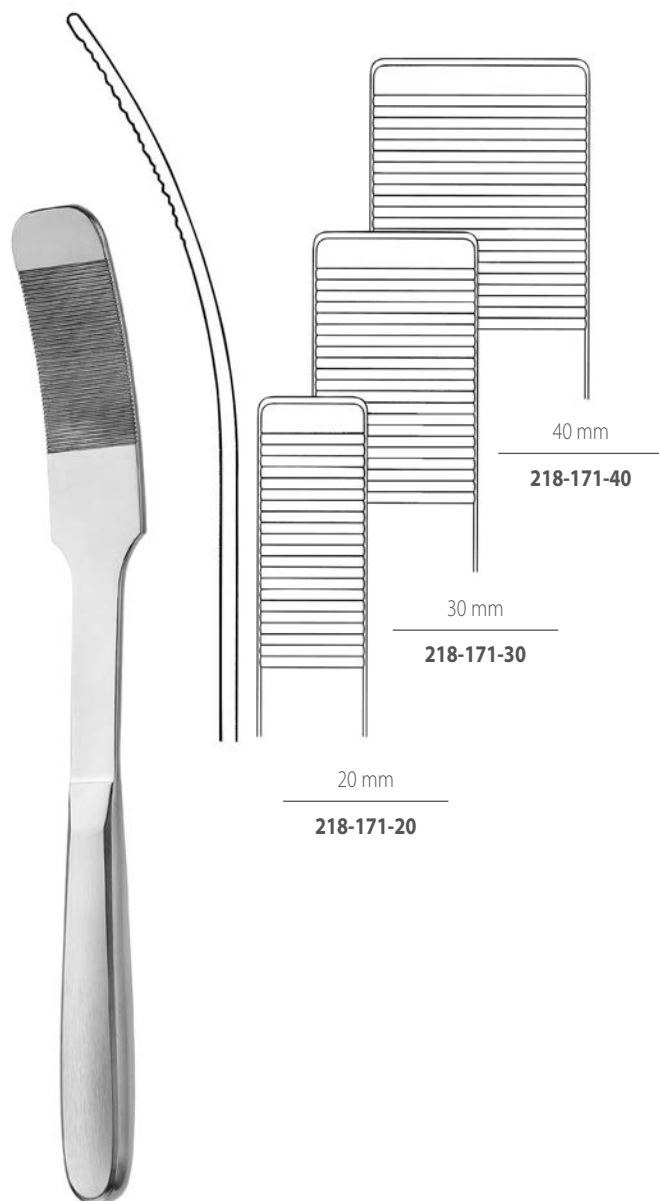
70 x 65 mm

218-156-27

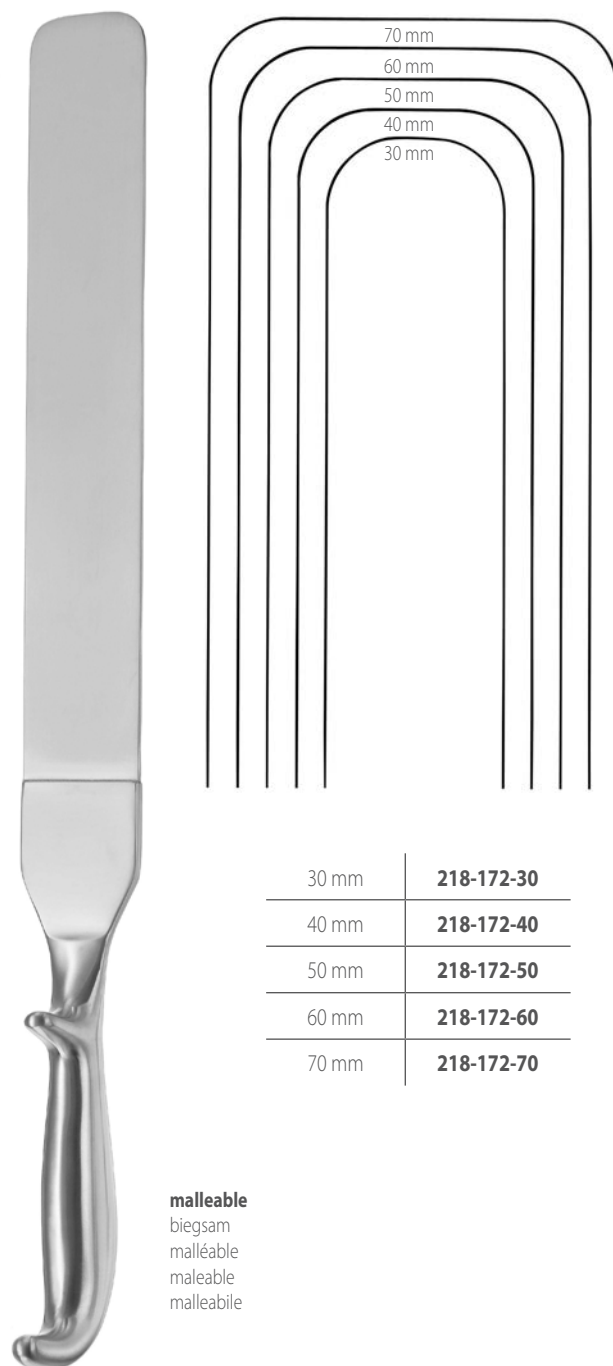


90 x 76 mm

218-156-28



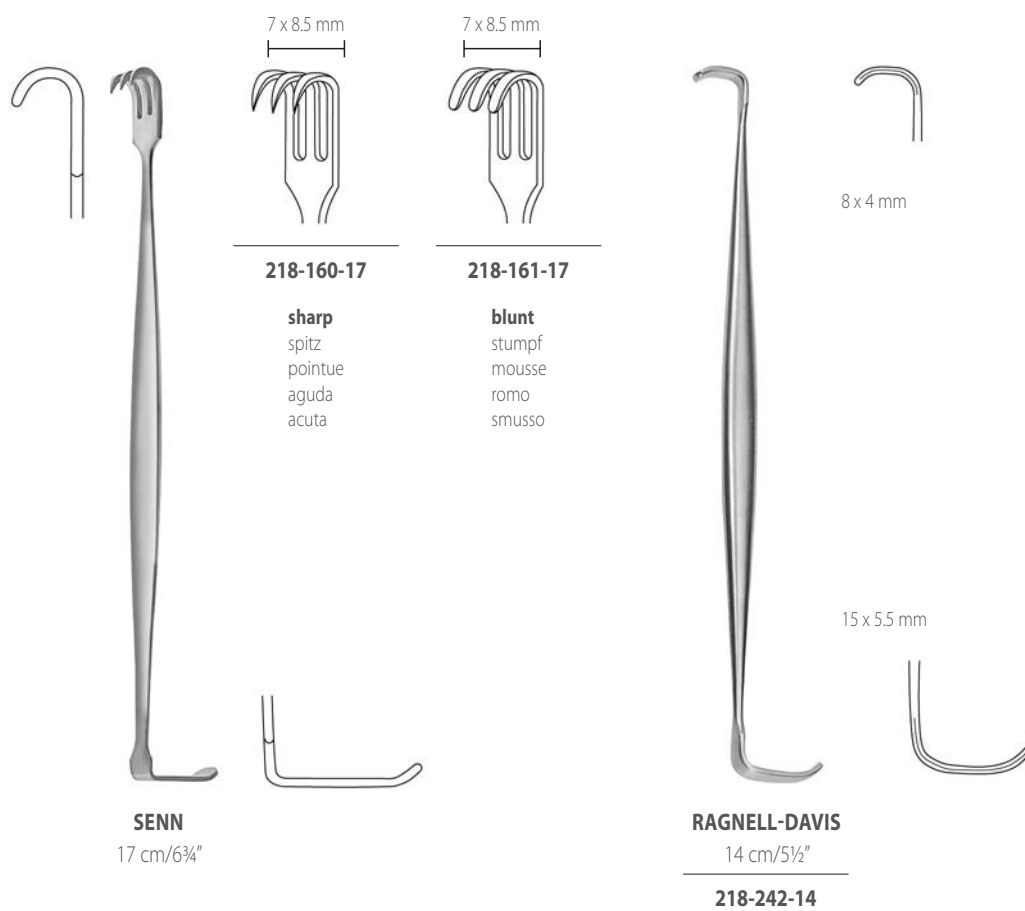
KADER
28 cm/11"

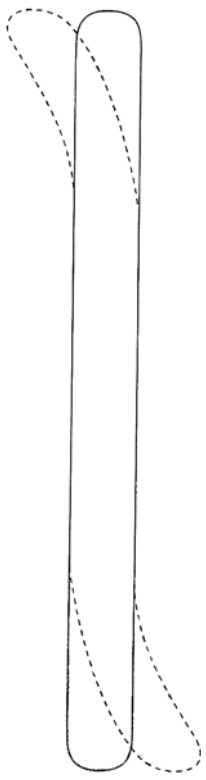


41 cm/16"

malleable
biegsam
malléable
maleable
malleabile

30 mm	218-172-30
40 mm	218-172-40
50 mm	218-172-50
60 mm	218-172-60
70 mm	218-172-70





malleable
 biegsam
 malléable
 maleable
 malleabile

RIBBON

6 x 200 mm	218-168-06
7 x 200 mm	218-168-07
9 x 200 mm	218-168-09
12 x 200 mm	218-168-12
17 x 200 mm	218-168-17
20 x 200 mm	218-168-20
25 x 200 mm	218-168-24
25 x 250 mm	218-168-25



malleable
 biegsam
 malléable
 maleable
 malleabile

RIBBON

13 x 330 mm	218-170-13
19 x 330 mm	218-170-19
25 x 330 mm	218-170-25
30 x 330 mm	218-170-30
32 x 330 mm	218-170-32
40 x 330 mm	218-170-40
45 x 330 mm	218-170-45
50 x 330 mm	218-170-50
64 x 330 mm	218-170-64
75 x 330 mm	218-170-75



malleable
 biegsam
 malléable
 maleable
 malleabile

MARTIN
 20 cm/8"

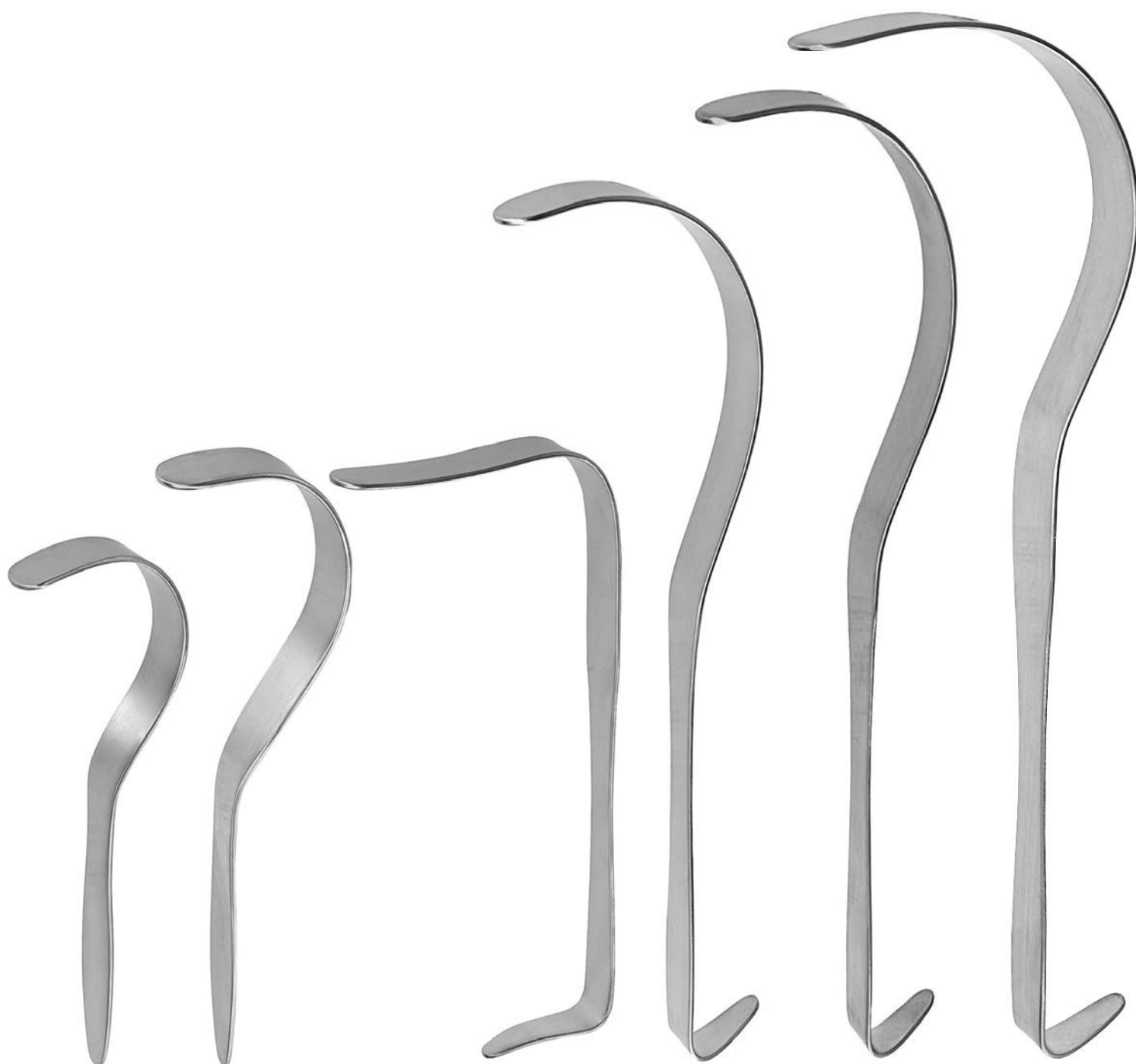
6.5 mm	218-173-06
9.5 mm	218-173-09
13 mm	218-173-13
16 mm	218-173-16
19 mm	218-173-19
25 mm	218-173-25



malleable
 biegsam
 malléable
 maleable
 malleabile

HABERER

17/25 mm 20 cm/8"	218-174-13
25/30 mm 28 cm/11"	218-174-25
37/45 mm 30 cm/12"	218-174-37

**DEAVER**

18 cm/7"

19 mm

218-180-19**DEAVER**

21.5 cm/8½"

22 mm

218-181-22**DEAVER**

23 cm/9"

25 mm

218-181-25**DEAVER**

30 cm/12"

25 mm

218-183-25**DEAVER**

33 cm/13"

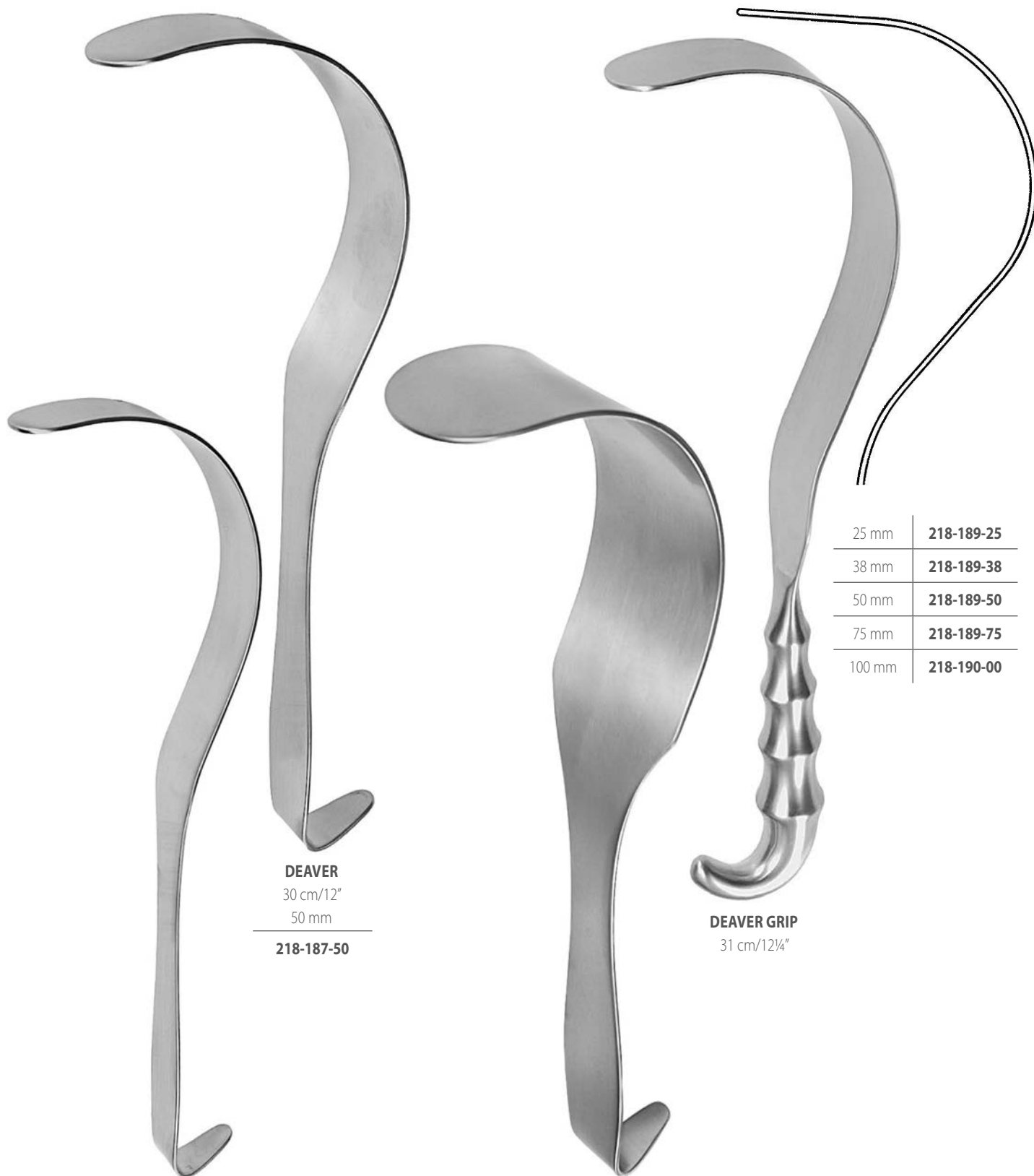
25 mm

218-185-25**DEAVER**

36 cm/14"

25 mm

218-187-25


DEAVER

30 cm/12"

50 mm

218-187-50
DEAVER

30 cm/12"

38 mm

218-187-38
DEAVER

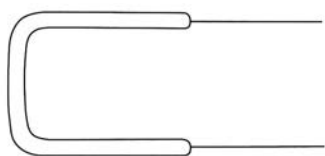
30 cm/12"

75 mm

218-187-75
DEAVER GRIP

31 cm/12¼"

25 mm	218-189-25
38 mm	218-189-38
50 mm	218-189-50
75 mm	218-189-75
100 mm	218-190-00

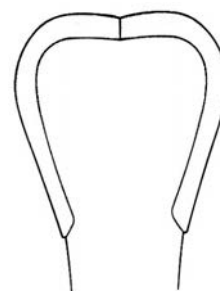
**HARRINGTON-BABY**

25 cm/10"
24 x 70 mm

218-191-25

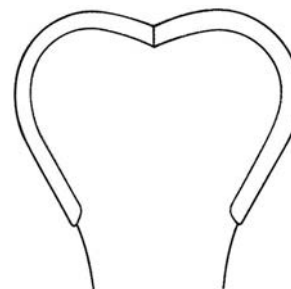
**HARRINGTON**

29.5 cm/11½"



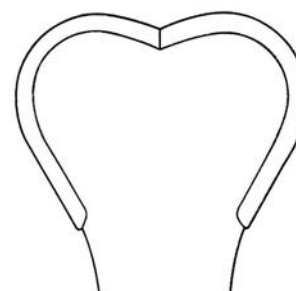
123 x 45 mm

218-191-40



123 x 64 mm

218-191-62



175 x 64 mm

218-191-64

Hilar hooks
Hilären Haken
Crochets hilaires
Ganchos hilares
Ilari ganci

flexible shaft
biegsamer Schaft
tige malléable
vástago flexible
asta flessibile



GIL VERNET
24 cm/9½"



4 mm

218-224-04



8 mm

218-224-08



11 mm

218-224-11



13 mm

218-224-13



15 mm

218-224-15



17 mm

218-224-17



20 mm

218-224-20



23 mm

218-224-23



CUSHING
25 cm/10"



11 x 14 mm

218-234-00



13 x 18 mm

218-234-01



15 x 22 mm

218-234-02



SCHOENBORN
21 cm/8¼"
654-511-21

8 x 10 mm



CUSHING
21.5 cm/8½"
218-234-21

Vein retractor
Venenhaken
Écarteur à veines
Gancho para venas
Divaricatore per vene



DESMARRES

16.5 cm/6½"



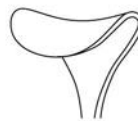
08 mm

218-230-08



12 mm

218-230-12



16 mm

218-230-16



10 mm

218-230-10



14 mm

218-230-14



18 mm

218-230-18



CUSHING

20 cm/8"



08 mm

218-232-08



14 mm

218-232-14



10 mm

218-232-10



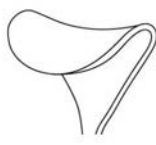
16 mm

218-232-16



12 mm

218-232-12



18 mm

218-232-18



CUSHING

24 cm/9½"



09 mm

218-233-08



14 mm

218-233-14



10 mm

218-233-10



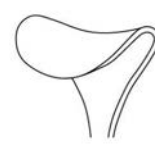
16 mm

218-233-16



12 mm

218-233-12



18 mm

218-233-18

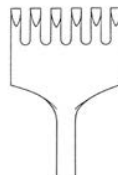
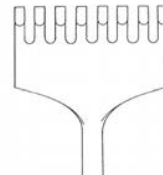

VOLKMANN

21.5 cm/8½"


218-280-01

218-280-02

218-280-03

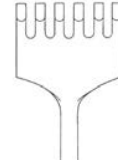
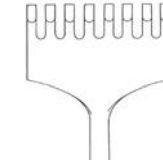
218-280-04

218-280-06

218-280-08

sharp
spitz
pointue
aguda
acuta

218-281-01

218-281-02

218-281-03

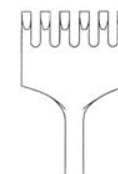
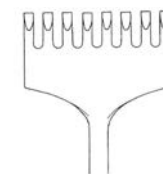
218-281-04

218-281-06

218-281-08

blunt
stumpf
mousse
romo
smusso

218-279-01

218-279-02

218-279-03

218-279-04

218-279-06

218-279-08

semi-sharp
halbscharf
semi-pointue
semi agudo
semi acuto



VOLKMANN

21.5 cm/8½"

218-282-01



VOLKMANN

21.5 cm/8½"

218-283-01



VOLKMANN

21.5 cm/8½"

218-283-03



MURPHY

19.5 cm/7¾"

9 mm



218-284-02

13 mm



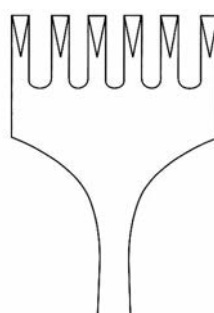
218-284-03

18 mm



218-284-04

23 mm



218-284-06

9 mm



sharp
spitz
pointue
aguda
acuta

9 mm



218-285-02

13 mm



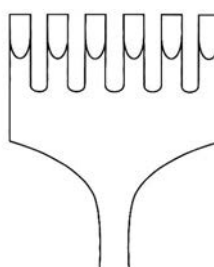
218-285-03

18 mm



218-285-04

23 mm



218-285-06

9 mm

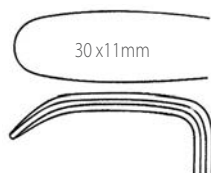


blunt
stumpf
mousse
romo
smusso

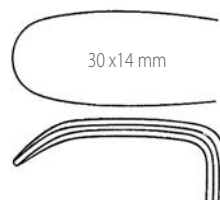


LANGENBECK

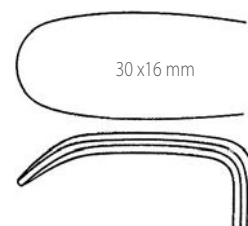
22 cm/8¾"



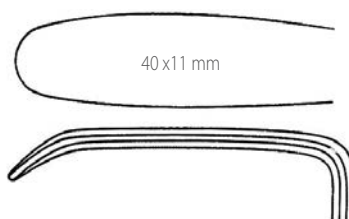
218-312-01



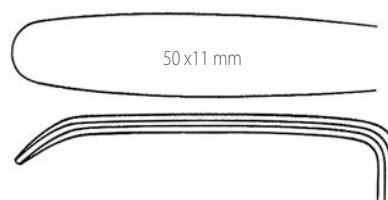
218-312-02



218-312-03



218-312-04



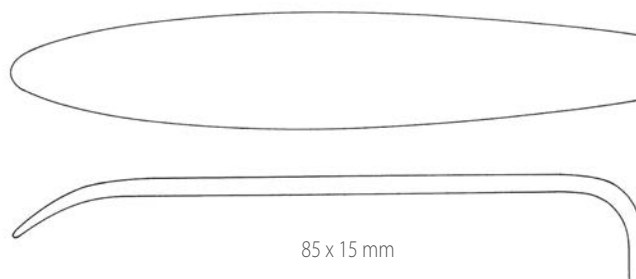
218-312-05



LANGENBECK

21cm/8¼"

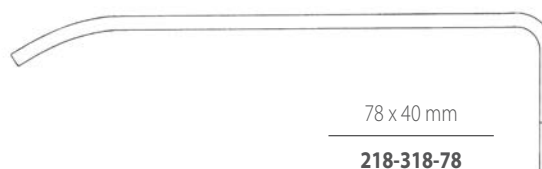
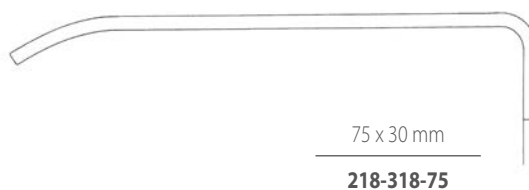
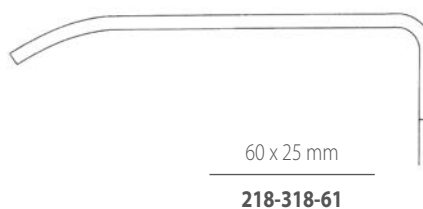
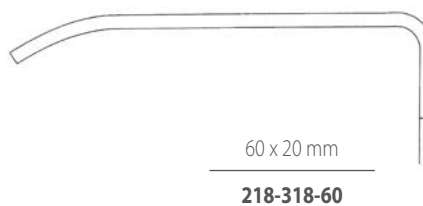
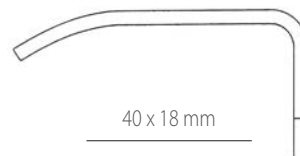
218-317-21



85 x 15 mm

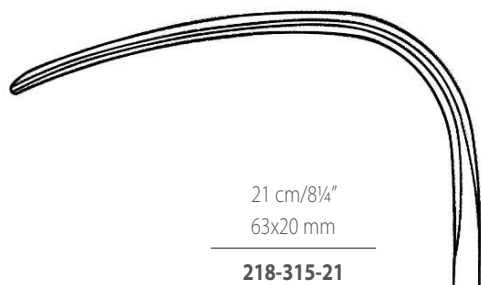


KOCHER
23 cm/9"



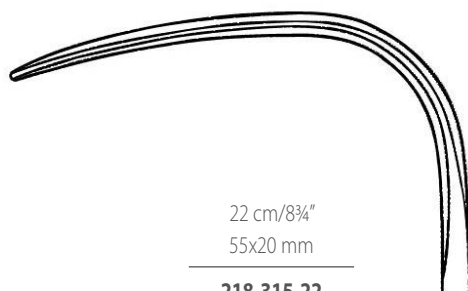


LANGENBECK



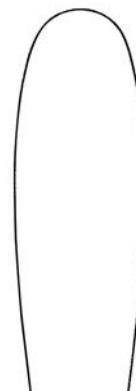
21 cm/8¼"
63x20 mm

218-315-21



22 cm/8¾"
55x20 mm

218-315-22



KOENIG
18 cm/7"



13x13 mm

218-318-82



13x16 mm

218-318-83



KOCHER
19 cm/7½"



19x12 mm

218-332-19



21x14 mm

218-332-21



10 x10 mm

CUSHING-KOCHER
17.5 cm/7"

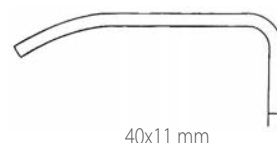
218-341-18

**KOCHER-LANGENBECK**

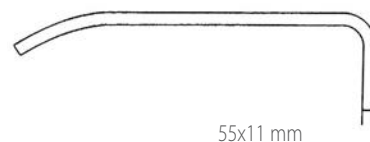
22 cm/8½"



35x15 mm

218-342-04

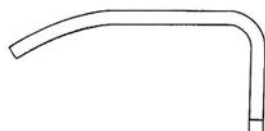
40x11 mm

218-342-05

55x11 mm

218-342-06

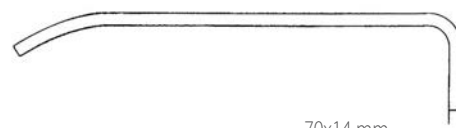
25x6 mm

218-342-01

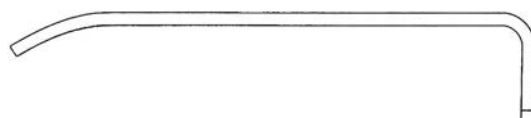
35x8 mm

218-342-02

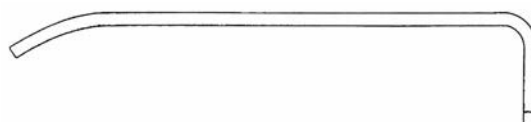
35x11 mm

218-342-03

70x14 mm

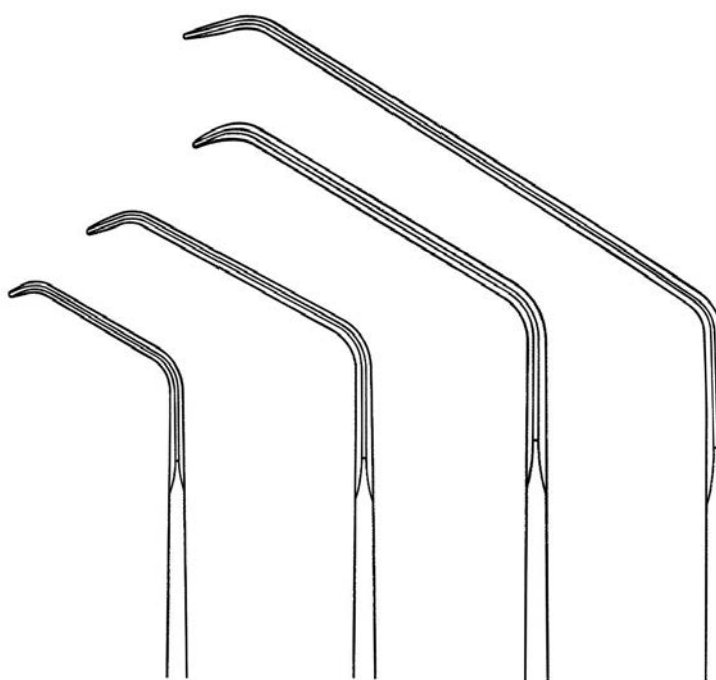
218-342-07

80x12 mm

218-342-08

80x16 mm

218-342-09


ZENKER

36x8 mm
24 cm/9½"

218-343-35

60x12 mm
25.5 cm/10½"

218-343-60

75x12 mm
27.5 cm/10¾"

218-343-75

120x12 mm
29 cm/11½"

218-343-12

**KOCHER**

22 cm/8¾"



218-355-01



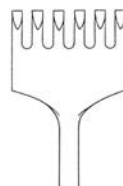
218-355-02



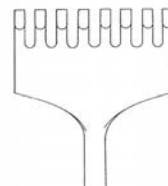
218-355-03



218-355-04



218-355-06



218-355-08

**sharp**spitz
pointue
aguda
acuta

218-356-01



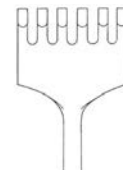
218-356-02



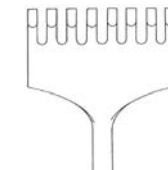
218-356-03



218-356-04



218-356-06



218-356-08

**blunt**stumpf
mousse
romo
smusso

218-357-01



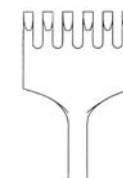
218-357-02



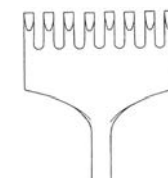
218-357-03



218-357-04



218-357-06



218-357-08

**semi-sharp**halbscharf
semi-pointue
semi agudo
semi acuto



ISRAEL
25 cm/10"

blunt
stumpf
mousse
romo
smusso



40 x 40 mm

218-364-40



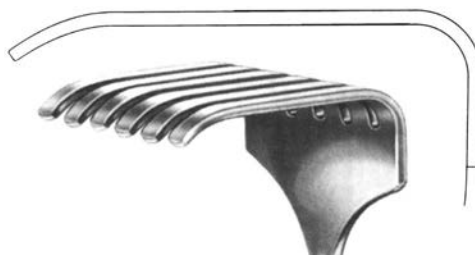
45 x 50 mm

218-364-50



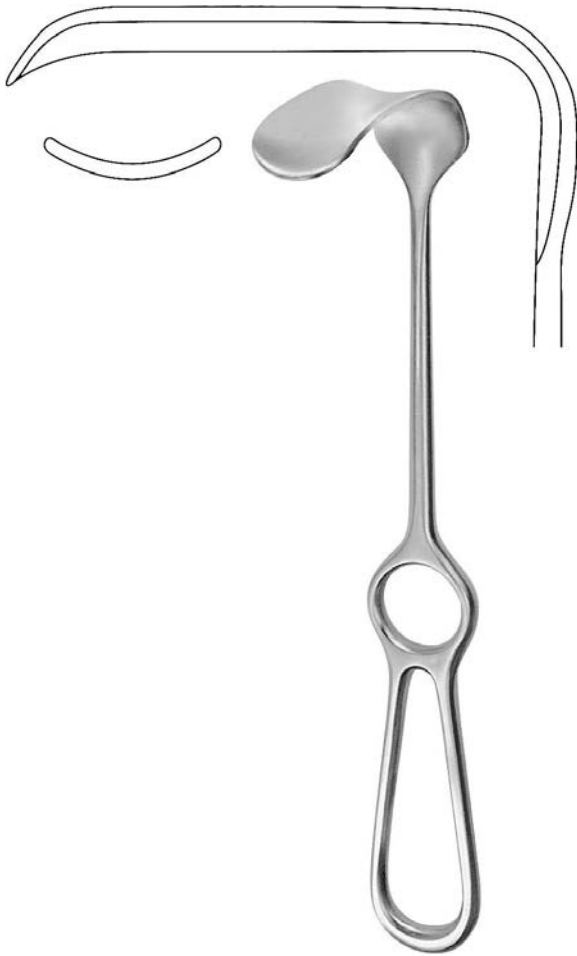
50 x 60 mm

218-364-60



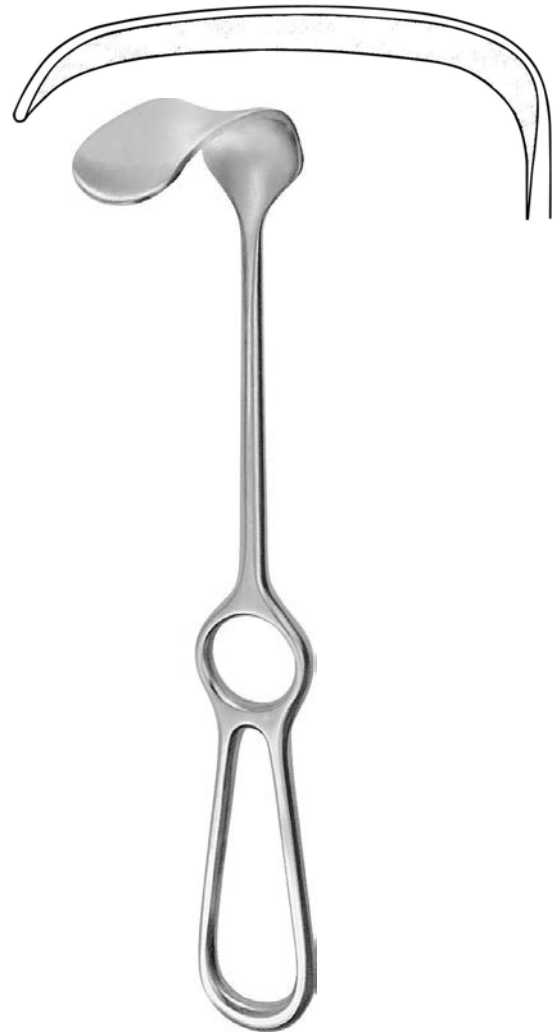
70 x 70 mm

218-364-70

**KOCHER**

22.5 cm/8¾"

70 x 25 mm

218-372-22**KOCHER**

25 cm/10"

80 x 45 mm

218-374-45

80 x 55 mm

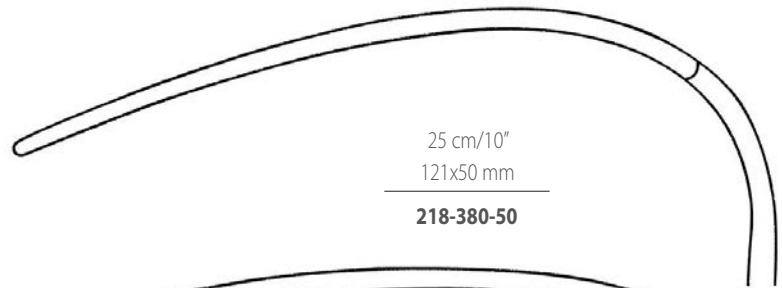
218-374-55

80 x 65 mm

218-374-65

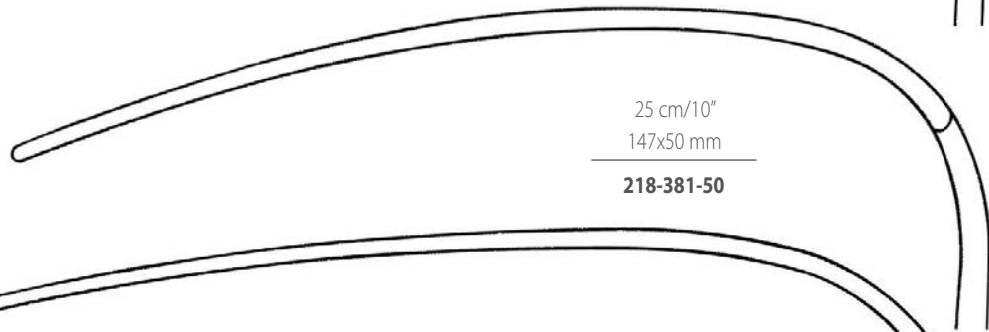
110 x 45 mm

218-374-99



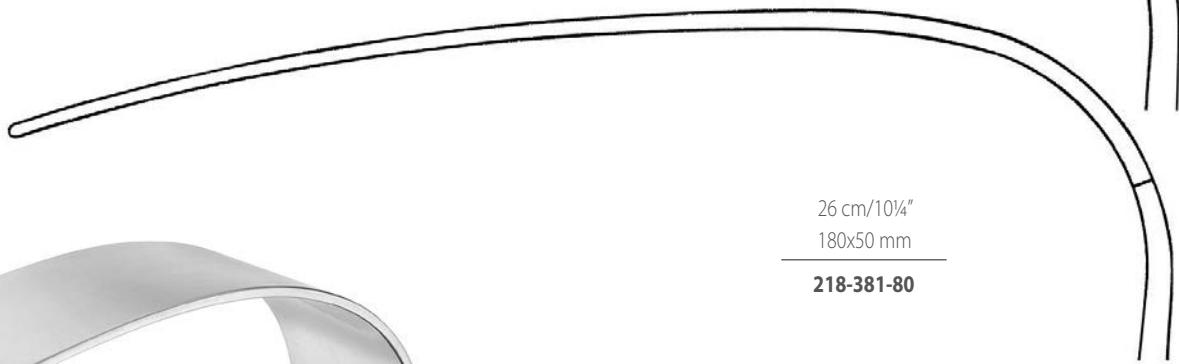
25 cm/10"
121x50 mm

218-380-50



25 cm/10"
147x50 mm

218-381-50

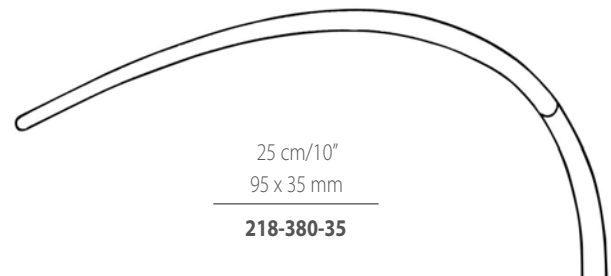


26 cm/10¼"
180x50 mm

218-381-80

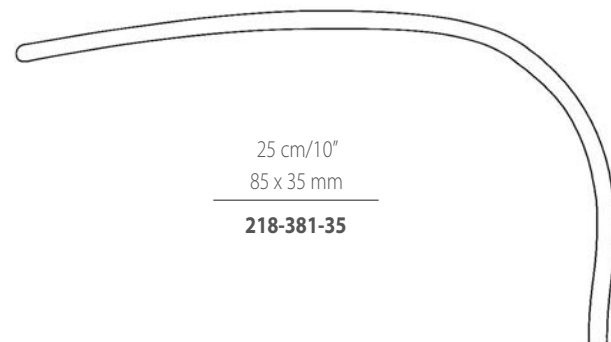


MIKULICZ



25 cm/10"
95 x 35 mm

218-380-35



25 cm/10"
85 x 35 mm

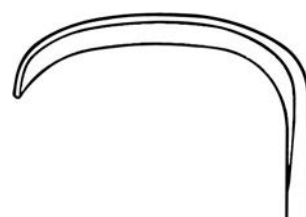
218-381-35

**KOCHER WAGNER**

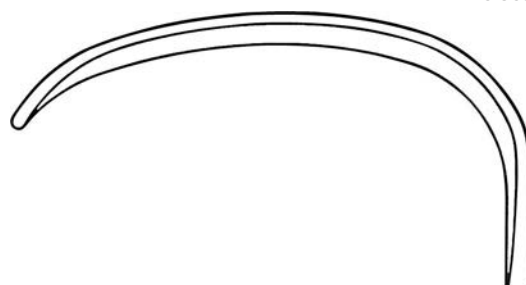
28 cm/11"



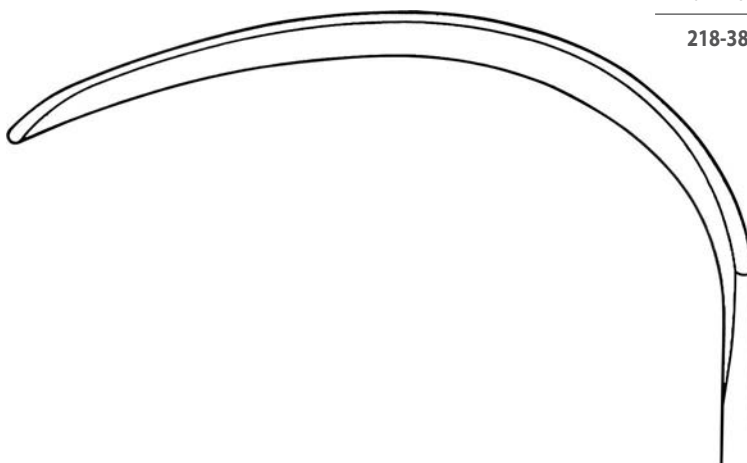
22 x 15 mm

218-383-15

38 x 20 mm

218-383-20

67 x 25 mm

218-383-25

100 x 35 mm

218-383-35

160x57 mm

218-385-57

160x39 mm

218-385-38

190x57 mm

218-386-57

190x39 mm

218-386-38

KELLY

26 cm/10¼"

**218-388-02****218-388-01****LERICHE****KOERTE**
28 cm/11"
120 x 47 mm**218-393-28****rigid**
starr
rigide
rígido
rigido



115 x 26 mm

218-480-27

115 x 22 mm

218-480-22

SIMON

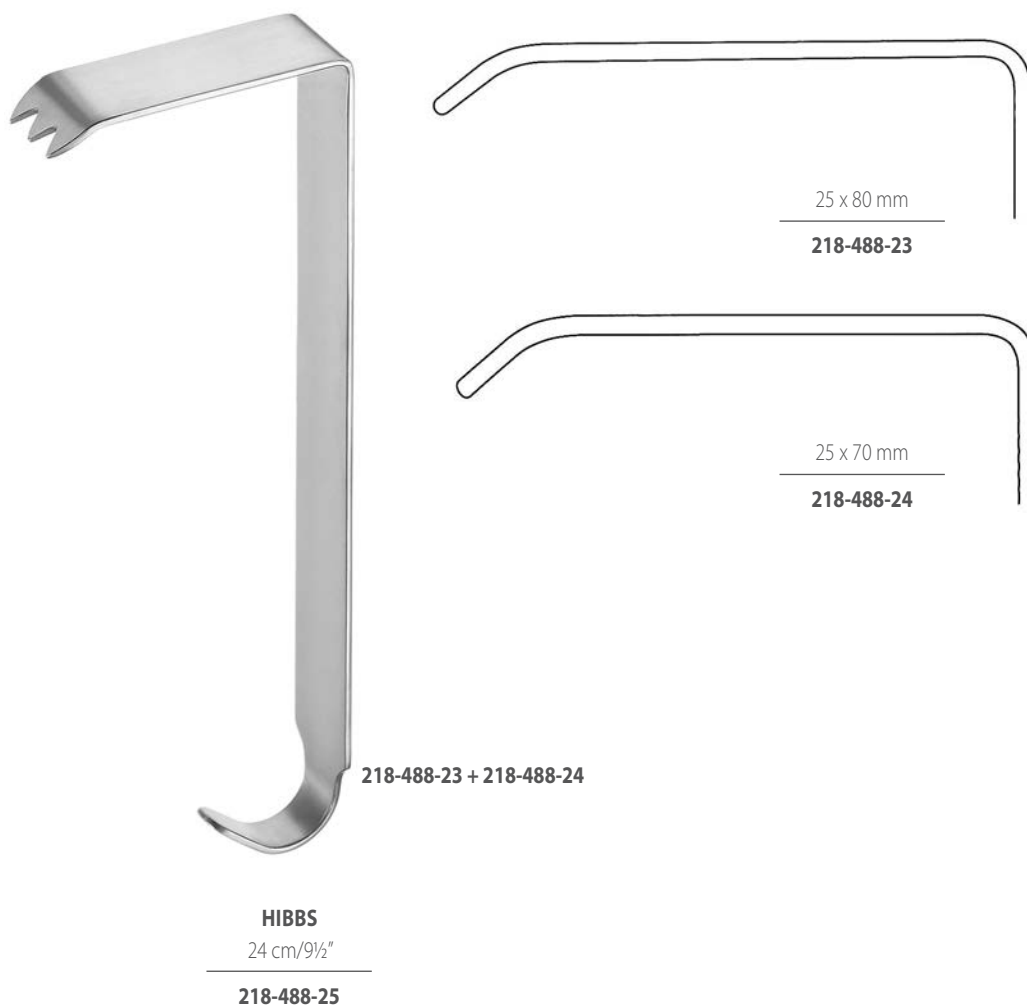
28 cm/11"

MARTIN

25 cm/10"

105 x 27 mm

218-398-25





82 x 22 mm

218-490-22



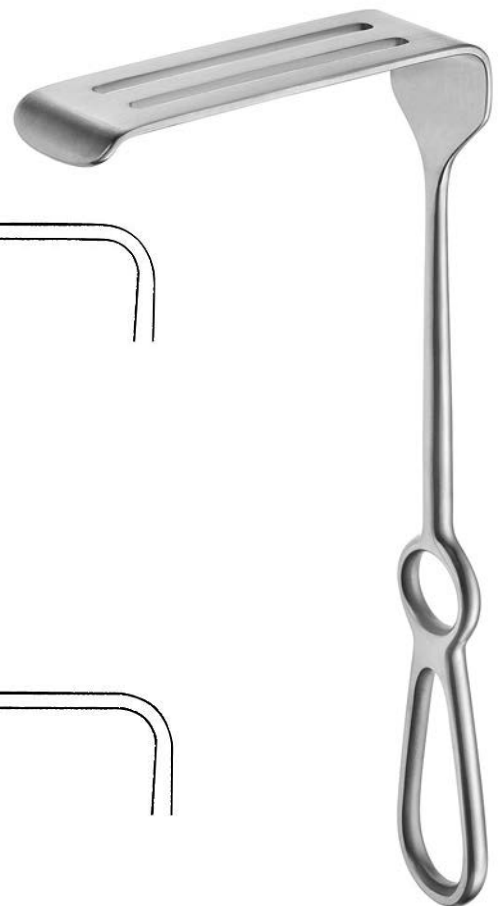
108 x 43 mm

218-490-43



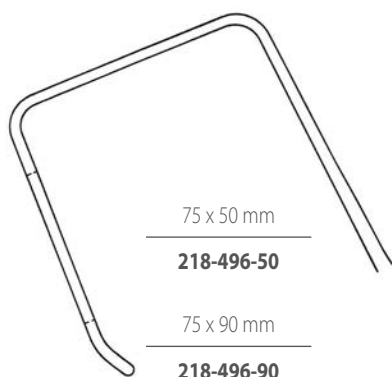
115 x 65 mm

218-490-65



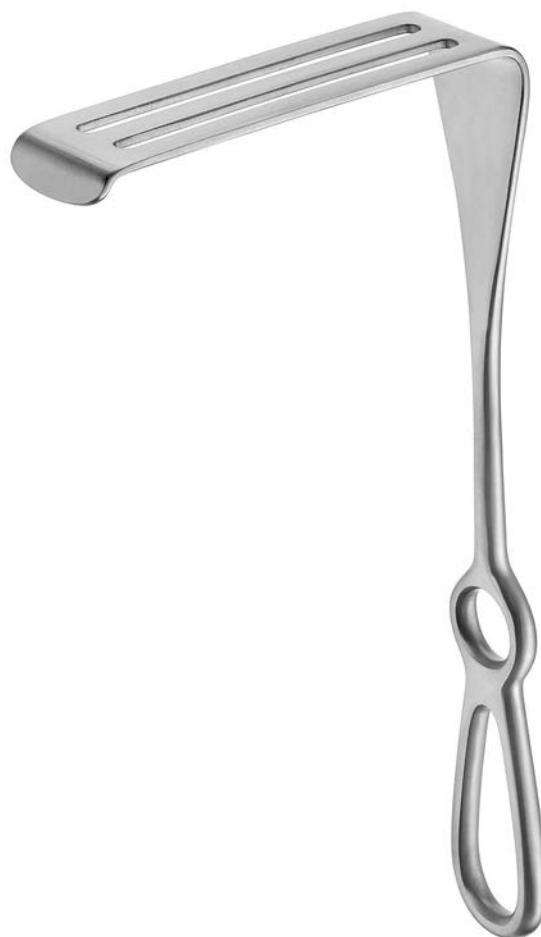
CORYLLOS

24 cm/9½"



DAVIDSON (SCAPULA)

19.5 cm/7¾"

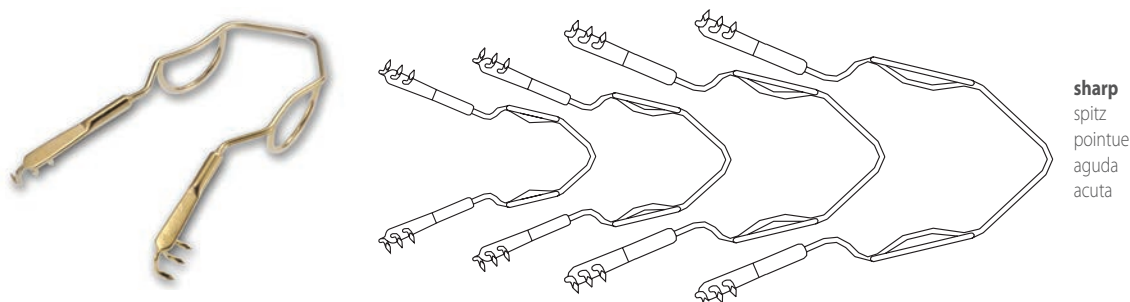


SAUERBRUCH

26 cm/10¼"
130x38 mm

218-492-25

IMA Epicardial retractor

IMA Epikardialspreizer
IMA Écarteur épicaudial
IMA Separador epicardiaco
IMA Divaricatore epicardiaco

sharp
spitz
pointue
aguda
acuta

25 mm	28 mm	38 mm	54 mm
218-601-25	218-601-28	218-601-38	218-601-54
mini mini mini mini mini	small klein petit pequeño piccolo	medium mittel moyen mediano medio	large groß grand grande grande


FINSSEN

2 x 3	2 x 3	3 x 4	3 x 4
			
5 cm/2"	5 cm/2"	7 cm/2¾"	7 cm/2¾"
218-610-05	218-611-05	218-610-07	218-611-07
sharp spitz pointue aguda acuta	blunt stumpf mousse romo smusso	sharp spitz pointue aguda acuta	blunt stumpf mousse romo smusso



ALM



7 cm/2¾"

218-620-07

sharp
spitz
pointue
aguda
acuta



10 cm/4"

218-620-10

sharp
spitz
pointue
aguda
acuta



7 cm/2¾"

218-621-07

blunt
stumpf
mousse
romo
smusso



10 cm/4"

218-621-10

blunt
stumpf
mousse
romo
smusso

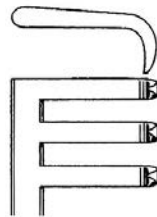


ALLPORT
9.5 cm/3¾"

218-624-10

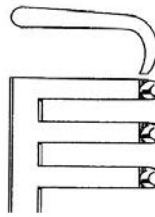


WEITLANER
11.5 cm/4½"



218-650-10

sharp
spitz
pointue
aguda
acuta

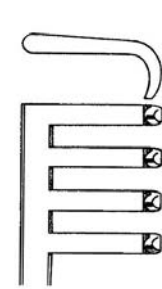


218-651-10

blunt
stumpf
mousse
romo
smusso

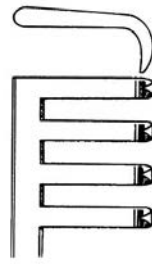


HENLEY
16.5 cm/6½"



218-660-16

blunt
stumpf
mousse
romo
smusso



218-661-16

sharp
spitz
pointue
aguda
acuta

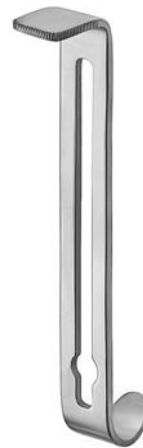
with central blades
218-661-17 - 218-661-19

mit Mittelvalven
218-661-17 - 218-661-19

avec lames centrales
218-661-17 - 218-661-19

con valvas centrales
218-661-17 - 218-661-19

con lamierine centrali
218-661-17 - 218-661-19



16x19 mm
5/8"x¾"

218-661-17



16x25 mm
5/8"x1"

218-661-18

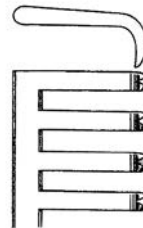


16x32 mm
5/8"x1¼"

218-661-19



WEITLANER



3 x 4

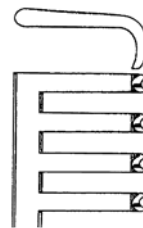
14 cm/5½"

218-670-14

16.5 cm/6½"

218-670-16

sharp
spitz
pointue
aguda
acuta

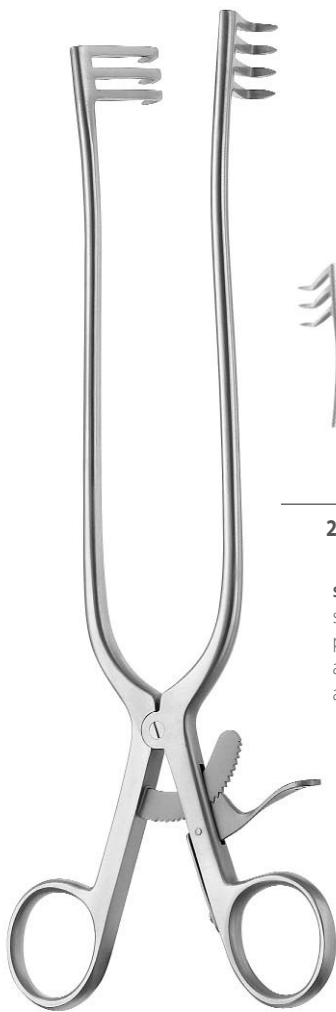


3 x 4

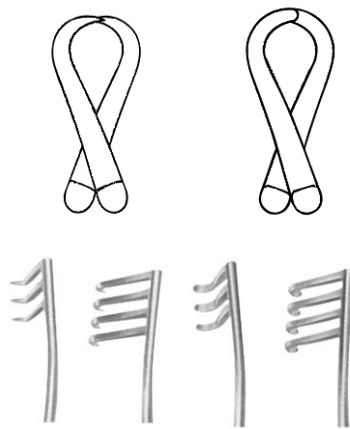
218-671-14

218-671-16

blunt
stumpf
mousse
romo
smusso

**WEITLANER**

24 cm/9½"

**3 x 4****218-670-25**

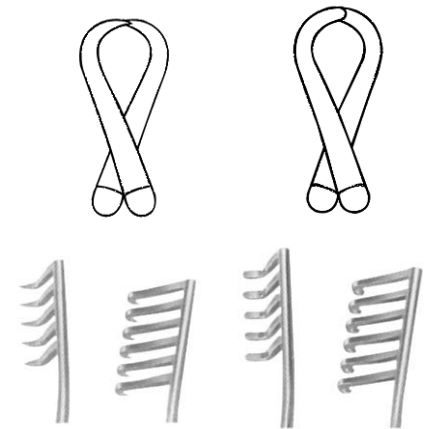
sharp
spitz
pointue
aguda
acuta

3 x 4**218-671-25**

blunt
stumpf
mousse
romo
smusso

**WEITLANER**

25.5 cm/10"

**5 x 6****218-670-26**

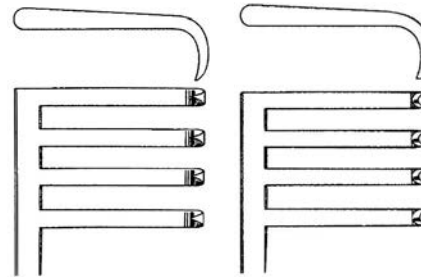
sharp
spitz
pointue
aguda
acuta

5 x 6**218-671-26**

blunt
stumpf
mousse
romo
smusso


WEITLANER

20 cm/8"



3 x 4

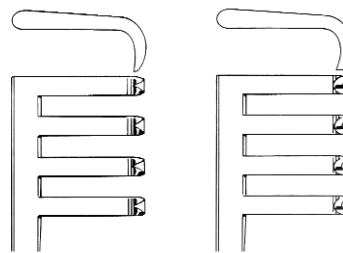
218-670-20
sharp
spitz
pointue
aguda
acuta

3 x 4

218-671-20
blunt
stumpf
mousse
romo
smusso

ADSON BABY

3 x 4



13.5 cm/5¼"

218-684-13
218-685-13

16.5 cm/6½"

218-684-16
218-685-16

20 cm/8"

218-685-20

21 cm/8¼"

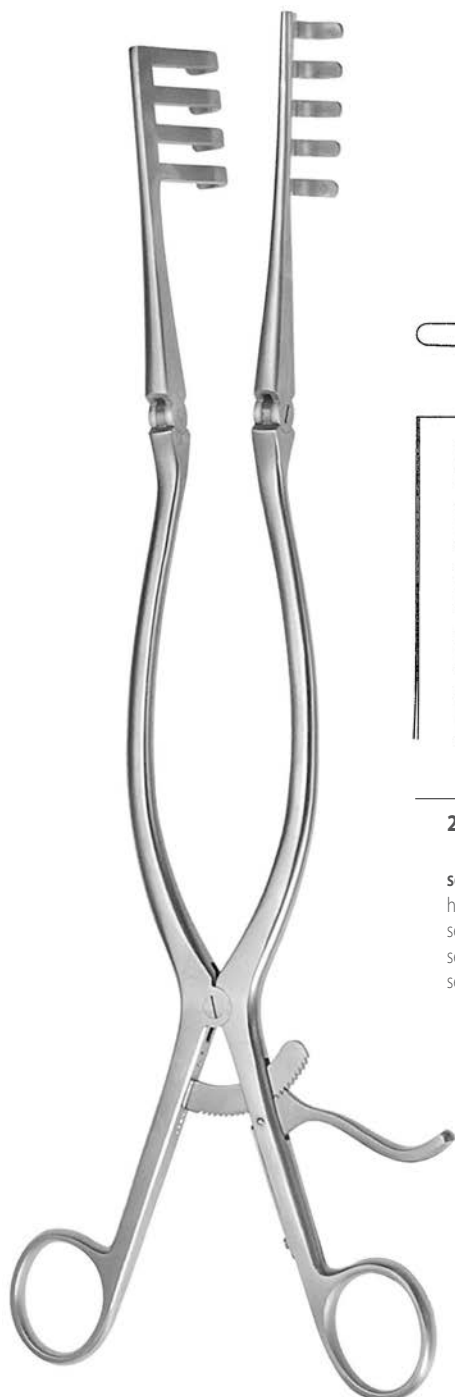
218-684-20

24.5 cm/9¾"

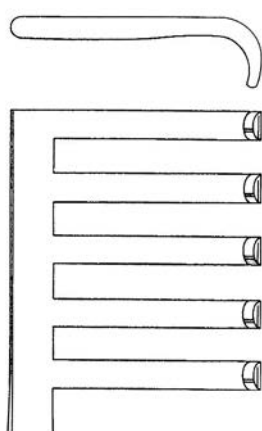
218-684-26
218-685-24

26 cm/10¼"

218-685-26

**BAECKMANN-ADSON**

32 cm/12¾"



4 x 5

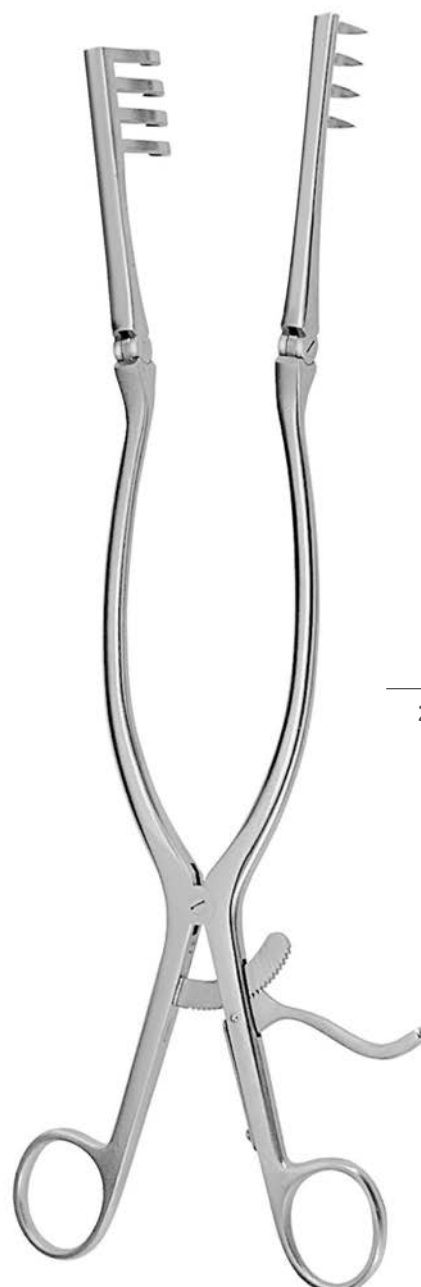
218-686-32**semi-sharp**

halbscharf

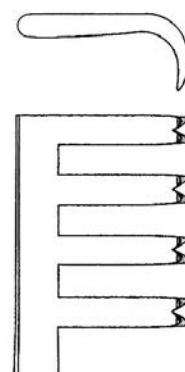
semi-pointue

semi agudo

semi acuto

**BECKMANN**

31 cm/30½"



4 x 4

218-690-31**sharp**

scharf

pointu

agudo

acuto


CONE

13.5 cm/5¼"	218-694-13	218-695-13
16.5 cm/6½"	218-694-16	218-695-16
20 cm/8"	218-694-20	218-695-20
26.5 cm/10½"	218-694-25	

sharp

spitz
pointue
aguda
acuta

blunt

stumpf
mousse
romo
smusso


DARLING

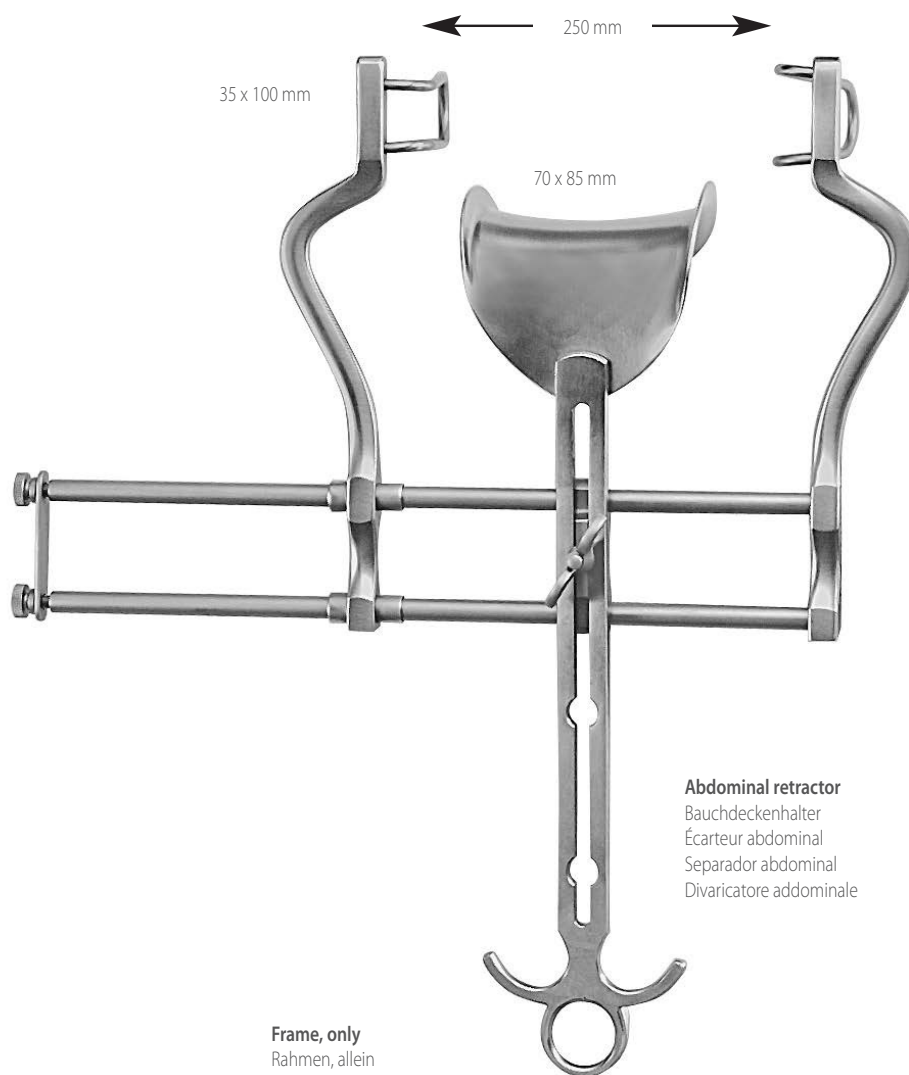
18 cm/7"

218-696-18

DARLING

18 cm/7"

218-698-18



Abdominal retractor
Bauchdeckenhalter
Écarteur abdominal
Separador abdominal
Divaricatore addominale

Frame, only
Rahmen, allein
Cadre, seul
Cuadro, suelto
Telaio, solo

BALFOUR
25 cm/10"

218-765-25

218-764-25


SELLORS

20 cm/8"

656-280-19
**Rib spreader and contractor
with swivel blades**

Rippensperrer und -kontraktor
mit drehbaren Klauen

Écarteur et rapprocheur pour costaux
avec valves rotatives

Separador y contractor costal
con garras girables

Divaricatore ed approssimatore
costale con valve orientabili

BAILEY-BABY

15.5 cm/6"

656-282-14
for children

für Kinder
pour enfants
para niños
per bambini

BAILEY

20 cm/8"

656-284-20
for adults

für Erwachsene
pour adultes
para adultos
per adulti

BAILEY-GIBBON

20 cm/8"

656-286-20
for adults

für Erwachsene
pour adultes
para adultos
per adulti

LEMMON

18 cm/7"

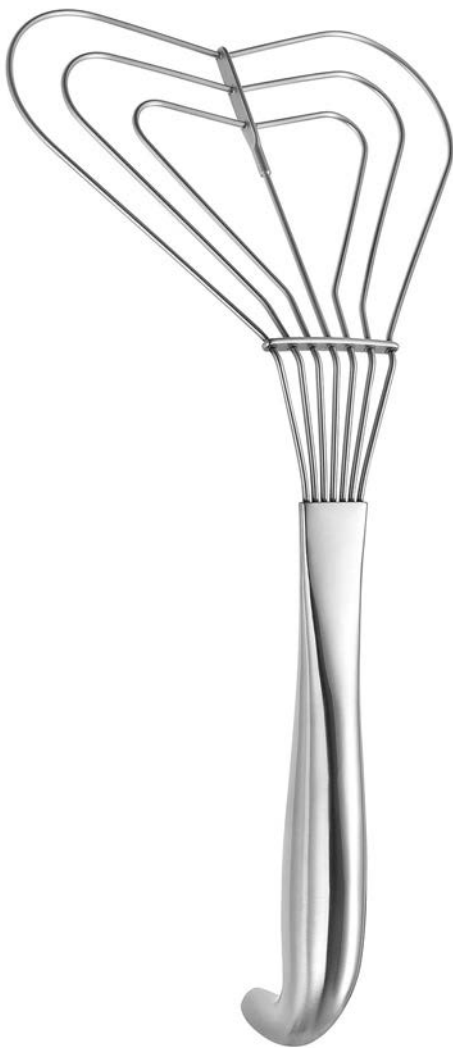
656-288-18
for adults

für Erwachsene
pour adultes
para adultos
per adulti

14 cm/5½"

656-288-14
for children

für Kinder
pour enfants
para niños
per bambini

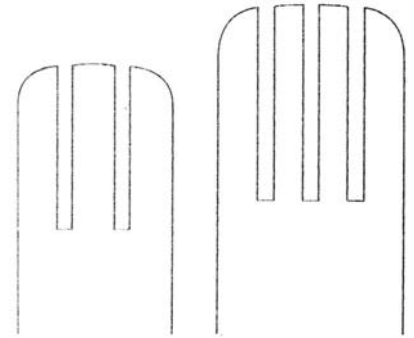


137 mm	30 cm/12"	656-288-30
132 mm	26 cm/10¼"	656-289-26



ALLISON

30 mm	28 cm/11"	656-289-28
40 mm	30 cm/12"	656-289-30
54 mm	32 cm/12¾"	656-289-31
65 mm	32 cm/12¾"	656-289-32

Fig. 1
20 mmFig. 2
24 mm

656-297-01

656-297-02

SEMB
25 cm/10"



COOLEY

25 cm/9¾"
48x48 mm

656-293-01

right
rechts
à droite
derecho
destro



COOLEY

25 cm/9¾"
48x48 mm

656-293-02

right, serrated
rechts, gerieft
à droite, cannelé
derecho, estriado
destro, seghettato



COOLEY

27.5 cm/10¾"
30x48 mm

656-293-03

left
links
à gauche
izquierdo
sinistro

**COOLEY MODIF. STRUCK**

25 cm/9¾"

45x35 mm

656-293-04

serrated
 gerieft
 cannelé
 estriado
 seghettato

**COOLEY MODIF. STRUCK**

25 cm/9¾"

45x30 mm

656-293-05

serrated
 gerieft
 cannelé
 estriado
 seghettato



ROSS
25.5 cm/10"

flexible shaft
flexibler Schaft
tige malléable
vástago flexible
asta flessibile



FIG. 1
16 x 15 mm

218-236-01



FIG. 2
23 x 13 mm

218-236-02



FIG. 3
25 x 18 mm

218-236-03



FIG. 4
29 x 13 mm

218-236-04



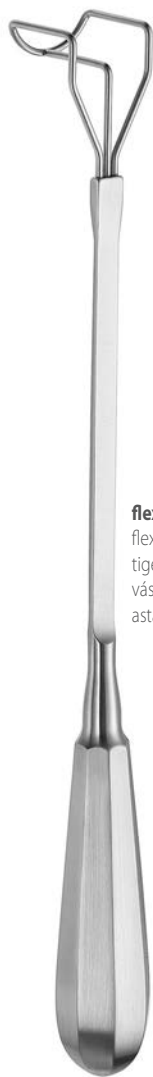
FIG. 5
29 x 29 mm

218-236-05



FIG. 6
21 x 35 mm

218-236-06



flexible shaft
flexibler Schaft
tige malléable
vástago flexible
asta flessibile

BOROWSKI
27 cm/10¾"



17x21 mm

656-295-01



24x27 mm

656-295-04



16x23 mm

656-295-02



28x20 mm

656-295-05



20x25 mm

656-295-03



28x29 mm

656-295-06

06



NEEDLE HOLDERS

NADELHALTER

PORTE-AIGUILLES

PORTA-AGUJAS

PORT'AGHI

NEEDLE HOLDERS

with TC inserts
Mit TC-Einsätzen
A mors TC
Con bocas TC
Con morso TC

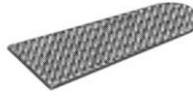
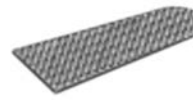
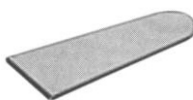
The **AMAAX TC/diamond dusted** needle holders are equipped with the following tungsten carbide inserts:

Folgende Hartmetalleinlagen werden für **AMAAX TC/diamantiertes Maul** Nadelhalter verwendet:

Les inserts suivants en metal dur sont utilisés pour les porte-aiguilles **AMAAX TC/diamantée**:

Las porta-agujas **AMAAX TC/diamantada** están equipadas con las siguientes plaquitas de carburo de tungsteno:

I portaghi **AMAAX TC/diamantato** dispongono delle seguenti placche in carburo di tungsteno:

		structure Teilung structure estriadura struttura	recommended for suture material empfohlen für Nahtmaterial recommandé pour matériel de suture recomandado para suturas raccomodato per materiale di suture
	regular normal régulière regular regolare	0.5 mm	> 3.0
	mini mini mini mini mini	0.4 mm	4.0 - 6.0
	micro mikro micro micro micro	0.3 mm	5/0 - 8/0
	diamond dusted diamantiert diamanté diamantada diamantato		7/0 - 10/0
	smooth glatt lisse lisa piatta	-	7.0 - 10.0



12 cm/4¾"

324-110-12
with groove
mit Rille
avec un sillon
con ranura
con scanalatura

DERF


12.5 cm/5"

324-120-12
jaw with longitudinal serrations
längsgerieftes Maul
mors avec rainures longitudinales
boca con estrías longitudinales
morso con strie longitudinali

DERF

12 cm/4¾"

324-114-12


0.4

mini profile
Miniprofil
profil mini
perfil mini
profilo mini

smooth jaw
glattes Maul
mors lisse
boca lisa
morso piatto

WEBSTER

11.5 cm/4½"

324-128-11

13 cm/51/8"

324-128-13

smooth jaw
glattes Maul
mors lisse
boca lisa
morso piatto

WEBSTER

12 cm/4¾"

324-129-12

13 cm/51/8"

324-129-13

NEEDLE HOLDERS

L = For left-handed

Für Linkshänder
Pour la main gauche
Para zurdo
Per mancini



HALSEY
13cm/5"



324-130-13

324-130-13L

324-134-13

324-134-13L

smooth jaw
glattes Maul
mors lisse
boca lisa
morso piatto



324-140-13

324-140-1L

324-144-13

324-144-13L

**0-4
Mini profile**
Miniprofil
Profil mini
Perfil mini
Profilo mini

with offset ring

mit aufgebogenem Daumenring
à anneau décalé
con anillo acodado
con anelli sfalsati



NEIVERT
13 cm/5 1/8"



324-147-13

**0.4
mini profile**
Miniprofil
profil mini
perfil mini
profilo mini



324-147-13L

**L
for left-handed**
für Linkshänder
pour la main gauche
para zurdo
per mancini



with TC inserts
Mit TC-Einsätzen
A mors TC
Con bocas TC
Con morso TC



BAUMGARTNER



**0.5
Regular profile**
Normalprofil
Profil regulière
Perfil regular
Profilo regolare

12.5 cm/5"

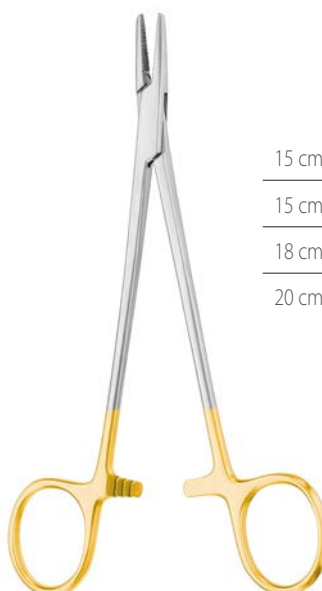
324-150-12

324-154-12

14 cm/5 1/2"

324-150-14

324-154-14



CRILE WOOD



**L
for left-handed**
für Linkshänder
pour la main gauche
para zurdo
per mancini

15 cm/6"

324-164-15

15 cm/6"

324-164-15L

18 cm/7"

324-164-18

20 cm/7 3/4"

324-164-20

**0.4
mini profile**
Miniprofil
profil mini
perfil mini
profilo mini

with TC inserts
Mit TC-Einsätzen
A mors TC
Con bocas TC
Con morso TC



**0.4
mini profile**
Miniprofil
profil mini
perfil mini
profilo mini

BABY CRILE WOOD

15 cm/6"

324-168-15



MAYO HEGAR



14 cm/5½"

324-184-14

16 cm/6¼"

324-184-16

324-186-16

18 cm/7"

324-184-18

324-186-18

20 cm/8"

324-184-20

24 cm/9½"

324-184-24

26 cm/10¼"

324-184-26

30 cm/12"

324-184-30

**0.5
regular profile**

Normalprofil
profil regulaire
perfil regular
profilo regolare

smooth jaw

glattes Maul
mors lisse
boca lisa
morso liscio



**0.4
mini profile**
Miniprofil
profil mini
perfil mini
profilo mini

DE BAKEY

16.5 cm/6½"

324-212-16



DE BAKEY



15 cm/6"

324-214-15

18 cm/7"

324-214-18

20 cm/8"

324-214-20

24 cm/9½"

324-214-23

26 cm/10¼"

324-214-26

31 cm/12½"

324-214-31

37 cm/14¾"

324-214-37

**0.4
mini profile**

Miniprofil
profil mini
perfil mini
profilo mini

with TC inserts

Mit TC-Einsätzen
A mors TC
Con bocas TC
Con morso TC

delicate pattern

schlankes Modell
modèle gracile
modelo delgado
modello fino

**DE BAKEY**16 cm/6¼" | **324-216-16**18 cm/7" | **324-216-18**21 cm/8¼" | **324-216-21**23 cm/9" | **324-216-23****0.2 micro profile**

Mikroprofil
profil micro
perfil micro
profilo micro

**0.4 mini profile**

Miniprofil
profil mini
perfil mini
profilo mini



delicate pattern
schlankes Modell
modèle gracile
modelo delgado
modello fino

DE BAKEY

16.5 cm/6½"

324-216-31**RYDER**13 cm/5" | **324-224-13**15 cm/6" | **324-224-15**18 cm/7" | **324-224-18**20 cm/8" | **324-224-20**23 cm/9" | **324-224-23**26 cm/10¼" | **324-224-26****0.4 mini profile**

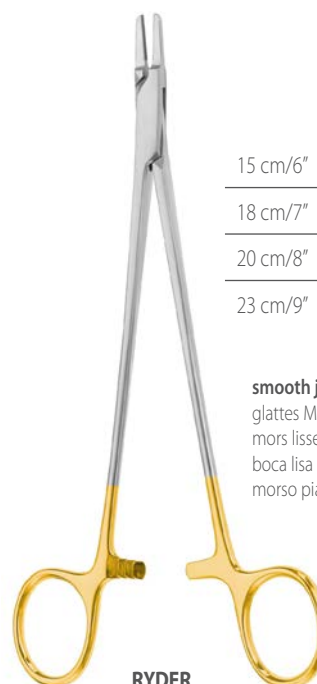
Miniprofil
profil mini
perfil mini
profilo mini

15 cm/6" | **324-222-15**18 cm/7" | **324-222-18**20 cm/8" | **324-222-20**23 cm/9" | **324-222-23****smooth jaw**

glattes Maul
mors lisse
boca lisa
morso piatto

slender pattern

schlankes Modell
modèle délicat
modelo delgado
modello fino

**RYDER**

slender pattern
schlankes Modell
modèle délicat
modelo delgado
modello fino


HEGAR-VASCULAR

14 cm/5½"	324-276-14
18 cm/7"	324-276-18
20 cm/7¾"	324-276-20
23 cm/9"	324-276-23

**0.3
micro profile**
Mikroprofil
profile micro
perfil micro
profilo micro



slender pattern
schlankes Modell
modèle délicat
modelo delgado
modello fino

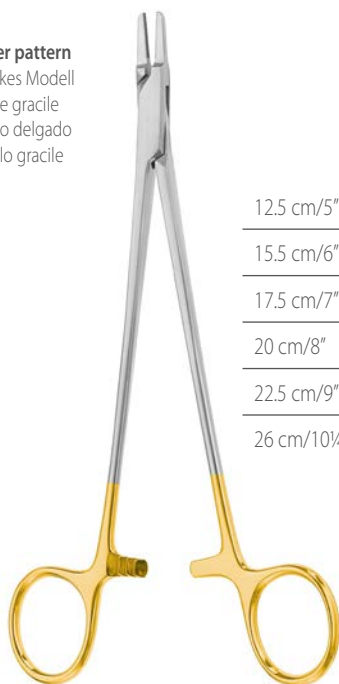

Microvascular

14 cm/5½"	324-280-14
17.5 cm/7"	324-280-18
20 cm/7¾"	324-280-20
23 cm/9"	324-280-23

**0.3
micro profile**
Mikroprofil
profile micro
perfil micro
profilo micro



slender pattern
schlankes Modell
modèle gracile
modelo delgado
modello gracile


RYDER VASCULAR

12.5 cm/5"	324-226-13
15.5 cm/6"	324-226-15
17.5 cm/7"	324-226-18
20 cm/8"	324-226-20
22.5 cm/9"	324-226-23
26 cm/10¼"	324-226-26

**0.3
micro profile**
Mikroprofil
profile micro
perfil micro
profilo micro





HEANEY



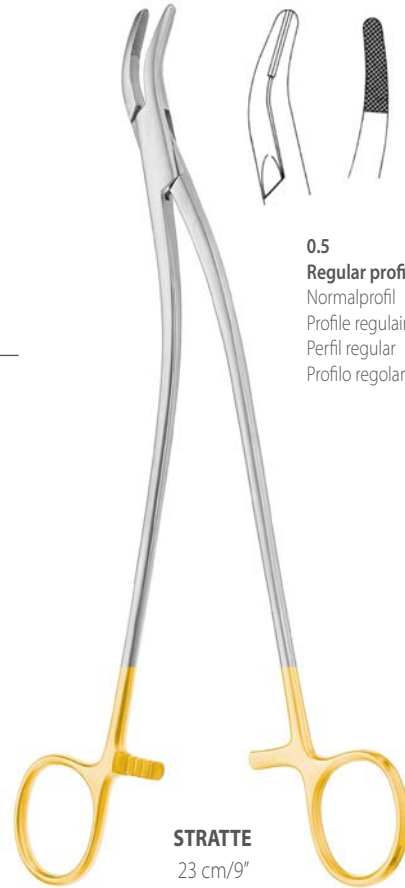
20 cm/8"

324-245-21



26 cm/10¼"

324-245-26



STRATTE

23 cm/9"

324-334-23

0.5

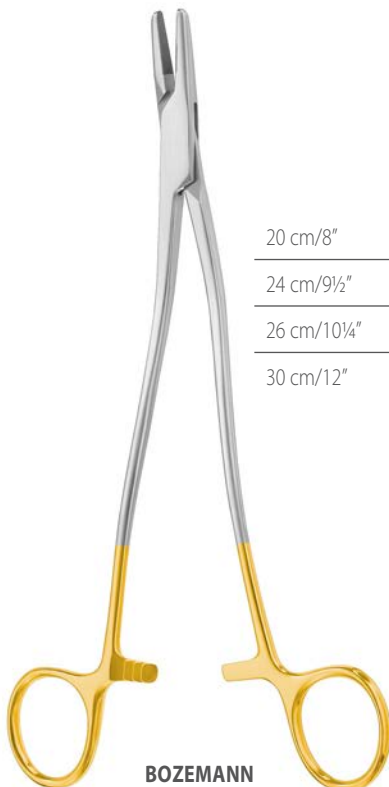
Regular profile

Normalprofil

Profil regulair

Perfil regular

Profilo regolare



BOZEMANN



20 cm/8"

324-285-20

24 cm/9½"

324-285-24

26 cm/10¼"

324-285-26

30 cm/12"

324-285-30

0.5

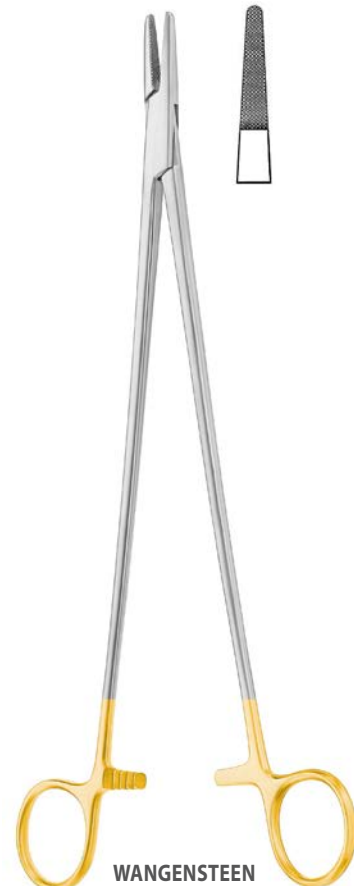
Regular profile

Normalprofil

Profil regulair

Perfil regular

Profilo regolare



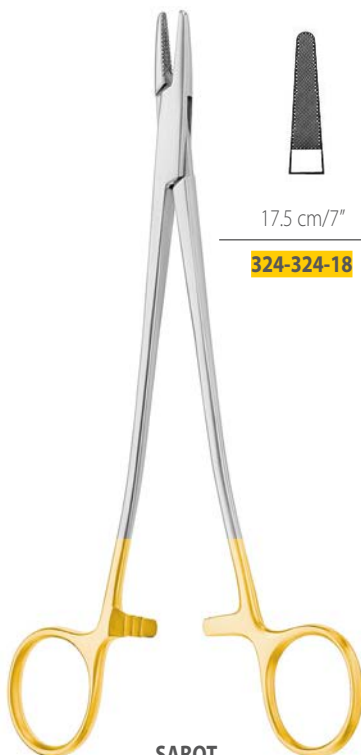
WANGENSTEEN

27.5 cm/10¾"

324-264-27


FINOCHIETTO

26.5 cm/10½"

324-315-27

SAROT

17.5 cm/7"

324-324-18

26 cm/10¼"

324-324-26

TOENNIS

18 cm/7"

324-364-18
0.5
Regular profile

Normalprofil
Profile regulare
Perfil regular
Profilo regolare

MATHIEU

14 cm/5½"

324-374-14

17 cm/6¾"

324-374-17

20 cm/8"

324-374-20

24 cm/9½"

324-374-24
0.5
Regular profile

Normalprofil
Profile regulare
Perfil regular
Profilo regolare

MATHIEU

14 cm/5½"

324-394-14

17 cm/6¾"

324-394-17

20 cm/8"

324-394-20
0.5
Regular profile

Normalprofil
Profile regulare
Perfil regular
Profilo regolare

slender pattern
schlankes Modell
modèle gracile
modelo delgado
modello gracile


19.5 cm/7¾"

324-486-20

NEEDLE HOLDERS

**OLSEN HEGAR-MINI**

12 cm/4¾"

smooth jaw
glattes Maul
mors lisse
boca lisa
morso liscio

delicate pattern
schlankes Modell
modèle délicat
modelo delgado
modello fino

**324-408-12****324-410-12****324-416-12****324-418-12**

smooth jaw
glattes Maul
mors lisse
boca lisa
morso liscio

**0.3
Micro profile**
Mikroprofil
Profil micro
Perfil micro
Profilo micro

**OLSEN HEGAR**

12 cm/4¾"

**0.3
Micro profile**
Mikroprofil
Profil micro
Perfil micro
Profilo micro

**324-414-12****GILLIES**

16 cm/6¼"

324-430-16

**0.5
Regular profile**
Normalprofil
Profil regulair
Perfil regular
Profilo regolare

**GILLIES**

16 cm/6¼"

324-434-16



without catch
ohne Sperre
sans crémaillère
sin cremallera
senza cremagliera



12 cm/4¾"	324-652-12	324-655-12	324-661-12
15 cm/6"	324-654-15	324-655-15	
18.5 cm/7¼"	324-656-18	324-653-18	

with catch
mit Sperre
avec crémaillère
con cremallera
con cremagliera



12 cm/4¾"	324-662-12	324-667-12	324-663-12
15 cm/6"	324-664-15	324-667-15	
18.5 cm/7¼"	324-666-18	324-667-18	
23 cm/9"		324-667-23	



324-650-10



324-651-10

without catch
ohne Sperre
sans crémaillère
sin cremallera
senza cremagliera

BARRAQUER

10 cm/4"



324-636-10



324-637-10

with catch
mit Sperre
avec crémaillère
con cremallera
con cremagliera

BARRAQUER-TROUTMAN

10 cm/4"



324-672-09



324-673-09

without catch
ohne Sperre
sans crémaillère
sin cremallera
senza cremagliera

CASTROVIEJO

9 cm/3½"



324-674-09



324-675-09

with catch
mit Sperre
avec crémaillère
con cremallera
con cremagliera

CASTROVIEJO

9 cm/3½"



CASTROVIEJO
14 cm/5½"

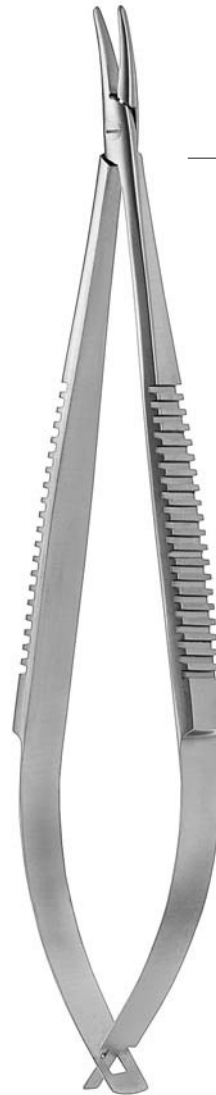


324-670-14



324-671-14

with catch
mit Sperre
avec crémaillère
con cremallera
con cremagliera



CASTROVIEJO
14 cm/5½"



324-676-14



324-677-14

without catch
ohne Sperre
sans crémaillère
sin cremallera
senza cremagliera

with TC inserts

Mit TC-Einsätzen

A mors TC

Con bocas TC

Con morso TC



CASTROVIEJO-JACOBSON

with catch
mit Sperre
avec crémaillère
con cremallera
con cremagliera



14.5 cm/5¾"	324-674-14	324-675-14	324-678-14	324-679-14	324-682-14	324-683-14
18 cm/7"	324-674-18	324-675-18	324-678-18	324-679-18	324-682-18	324-683-18
21 cm/8¼"	324-674-21	324-675-21	324-678-21	324-679-21	324-682-21	324-683-21
23 cm/9"	324-674-23	324-675-23	324-678-23	324-679-23		

smooth jaw
glattes Maul
mors lisse
boca lisa
morso liscio

**0.3
micro profile**
Mikroprofil
profil micro
perfil micro
profilo micro

diamond-coated jaw
diamantiertes Maul
mors diamanté
boca diamantada
morso diamantato

without catch
ohne Sperre
sans crémaillère
sin cremallera
senza cremagliera



14.5 cm/5¾"	324-694-14	324-695-14	324-698-14	324-699-14	324-696-14	324-697-14
18 cm/7"	324-694-18	324-695-18	324-698-18	324-699-18	324-696-18	324-697-18
21 cm/8¼"	324-694-21	324-695-21	324-698-21	324-699-21	324-696-21	324-697-21
23 cm/9"	324-694-23	324-695-23	324-698-23	324-699-23		

smooth jaw
glattes Maul
mors lisse
boca lisa
morso liscio

**0.3
micro profile**
Mikroprofil
profil micro
perfil micro
profilo micro

diamond-coated jaw
diamantiertes Maul
mors diamanté
boca diamantada
morso diamantato

with TC inserts
Mit TC-Einsätzen
A mors TC
Con bocas TC
Con morso TC



TOLEDO

with catch
mit Sperre
avec crémaillère
con cremallera
con cremagliera



14.5 cm/5¾"	324-774-14	324-775-14	324-778-14	324-779-14	324-782-14	324-783-14
18 cm/7"	324-774-18	324-775-18	324-778-18	324-779-18	324-782-18	324-783-18
21 cm/8¼"	324-774-21	324-775-21	324-778-21	324-779-21	324-782-21	324-783-21
23 cm/9"	324-774-23	324-775-23	324-778-23	324-779-23	324-782-23	324-783-23

smooth jaw
glattes Maul
mors lisse
boca lisa
morso liscio

**0.3
micro profile**
Mikroprofil
profil micro
perfil micro
profilo micro

diamond-coated jaw
diamantiertes Maul
mors diamanté
boca diamantada
morso diamantato

without catch
ohne Sperre
sans crémaillère
sin cremallera
senza cremagliera



14.5 cm/5¾"	324-794-14	324-795-14	324-798-14	324-799-14	324-796-14	324-797-14
18 cm/7"	324-794-18	324-795-18	324-798-18	324-799-18	324-796-18	324-797-18
21 cm/8¼"	324-794-21	324-795-21	324-798-21	324-799-21	324-796-21	324-797-21
23 cm/9"	324-794-23	324-795-23	324-798-23	324-799-23	324-796-23	324-797-23

smooth jaw
glattes Maul
mors lisse
boca lisa
morso liscio

**0.3
micro profile**
Mikroprofil
profil micro
perfil micro
profilo micro

diamond-coated jaw
diamantiertes Maul
mors diamanté
boca diamantada
morso diamantato

Ergonomic handle
Sophisticated design
Sure and fine feeling in hand, well balanced
Easy to clean - No more dirt catching knurlings

Ergonomischer Griff
Ansprechendes Design
Sichere und feinfühliges Handhabung
Leichtes reinigen – keine schmutzanfälligen Riefelungen

poignée ergonomique
aspect attrayant
une manipulation délicate et en sécurité
la précision du geste opératoire
un nettoyage et une décontamination aisés

mango ergonómico
diseño llamativo
manipulación seguro y delicado
limpieza fácil - las estriadas no son susceptible a la suciedad

manico ergonomico
Design appariscente
maneggio sicuro e delicato
purificazione facile - non incline de la sporcizia



without catch
ohne Sperre
sans crémaillère
sin cremallera
senza cremagliera



16 cm/6¼"	324-690-16	324-691-16
18.5 cm/7¼"	324-690-18	324-691-18



16 cm/6¼"

324-693-16

with diamond coating
mit Diamantbeschichtung
avec couche diamantée
con recubrimiento de diamante
con rivestimento di diamante

**DIETRICH**

Micro profile
Mikroprofil
Profil micro
Perfil micro
Profilo micro



16 cm/6¼"	324-444-16
18 cm/7"	324-444-18
20 cm/8"	324-444-20
23 cm/9"	324-444-23
26 cm/10¼"	324-444-26



JACOBSON
18 cm/7"



324-720-18

without catch
ohne Sperre
sans crémaillère
sin cremallera
senza cremagliera



324-722-18

with catch
mit Sperre
avec crémaillère
con cremallera
con cremagliera

Light-weight round handles, well balanced

Leichtmetall Rundgriffe, gut ausbalanciert
Manches ronds en métal léger, bien équilibrés
Mangos redondos de metal ligero, bien equilibrados
Manici rotondi metallo leggero, equilibrio perfetto



18.5 cm/7¼"

without catch
ohne Sperre
sans crémaillère
sin cremallera
senza cremagliera



15 cm/6"

324-870-15

324-871-15

18 cm/7"

324-870-18

324-871-18

with catch
mit Sperre
avec crémaillère
con cremallera
con cremagliera



15 cm/6"

324-872-15

324-873-15

18 cm/7"

324-872-18

324-873-18

diamond-coated jaw

diamantiertes Maul
mors diamanté
boca diamantada
morso diamantato



Streamlined

Titanium

Titan

Titane

Titanio

Titanio



	11 x 0.8 mm	11 x 0.8 mm	11 x 0.8 mm	11 x 0.8 mm
15 cm/6"	324-920-15	324-921-15	324-922-15	324-923-15
18 cm/7"	324-920-18	324-921-18	324-922-18	324-923-18
21 cm/8¼"	324-920-21	324-921-21	324-922-21	324-923-21

	11 x 1.2 mm	11 x 1.2 mm	11 x 1.2 mm	11 x 1.2 mm
21 cm/ 8¼"	324-924-21	324-925-21	324-926-21	324-927-21

with catch

mit Sperre
avec crémaillère
con cremallera
con cremagliera

without catch

ohne Sperre
sans crémaillère
sin cremallera
senza cremagliera

Most of micro instruments are available with Ceramin-Coating on request.

Mikro-Instrumente auf Anfrage auch mit Keramik-Beschichtung lieferbar.

La plupart des micro-instruments sont disponibles avec Ceramin-revêtement sur demande.

La mayoría de las microempresas instrumentos están disponibles con recubrimiento Ceramin-a petición de ésta.

La maggior parte delle micro strumenti sono disponibili con rivestimento Ceramin-su richiesta.

07



ORTHOPAEDICS

ORTHOPÄDIE

CHIRURGIE OSSEUSE

CIRUGÍA ÓSEA

CHIRURGIA OSSEA



BEYER

18 cm/7"

432-201-18



ZAUFAL JANSEN

18 cm/7"

432-205-18



BOEHLER

15 cm/5¾"



1.7 mm

432-209-15



2 mm

432-210-15



2 mm

432-211-15



3 mm

432-212-15



3 mm

432-213-15



MARQUARDT

20 cm/8"

432-215-20



RUSKIN

23 cm/9"

432-218-23



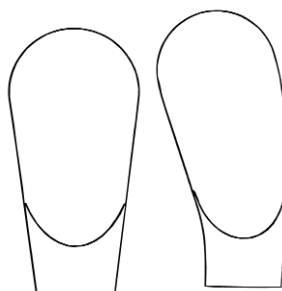
RUSKIN

23 cm/9"

432-219-23



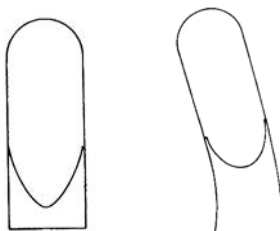
STILLE LUER



23 cm/9"	432-228-23	432-229-23
27 cm/10½"	432-228-27	432-229-27



STILLE LUER



22 cm/8¾"	432-230-22	432-231-22
26 cm/10¼"	432-230-26	432-231-26



STILLE LUER

23 cm/ 9"

432-235-23



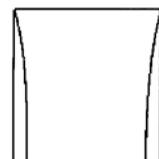
**STILLE RUSKIN**

23 cm/9"

432-237-23

**SAUERBRUCH**

31 cm/12¼"



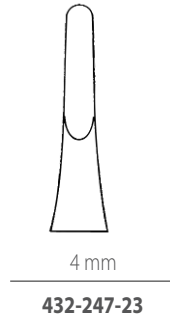
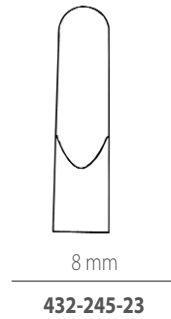
432-241-30



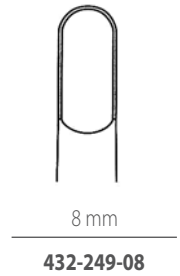
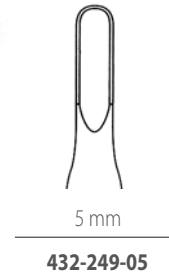
432-243-30



LEKSELL (STILLE)
24.5 cm/9 3/4"



LEKSELL
23 cm/9"



CLEVELAND
15 cm/5 3/4"
432-106-15



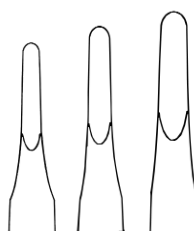
CLEVELAND
17 cm/6 3/4"
432-270-17



FRYKHOLM
24 cm/9 1/2"
432-255-24



ECHLIN
 23 cm/9"



	straight
2 mm	432-259-02
3 mm	432-259-03
4 mm	432-259-23



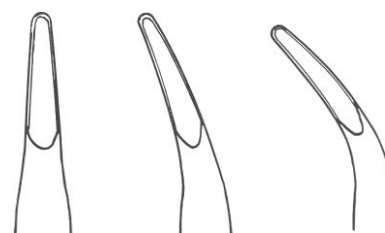
SEMB



22.5 cm/9"	432-261-22
27 cm/10¾"	432-261-27



SMITH PETERSEN
 24 cm/9½"



	straight	slightly curved	strong curved
3 mm	432-262-24	432-263-24	432-265-24



LISTON



14 cm/5½"	432-274-14
17 cm/6¾"	432-274-17
20 cm/8"	432-274-20
22 cm/8¾"	432-274-22



LISTON

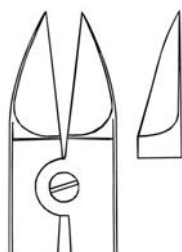


14 cm/5½"	432-275-14
17 cm/6¾"	432-275-17
20 cm/8"	432-275-20
22 cm/8¾"	432-275-22



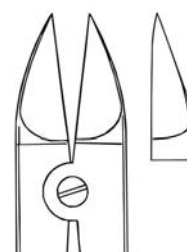
BOEHLER
15 cm/5¾"

432-280-15



BOEHLER
15 cm/5¾"

432-281-15





MCINDOE
 17.5 cm/7"

432-284-17



RUSKIN LISTON
 18 cm/7"

432-286-18

432-289-18



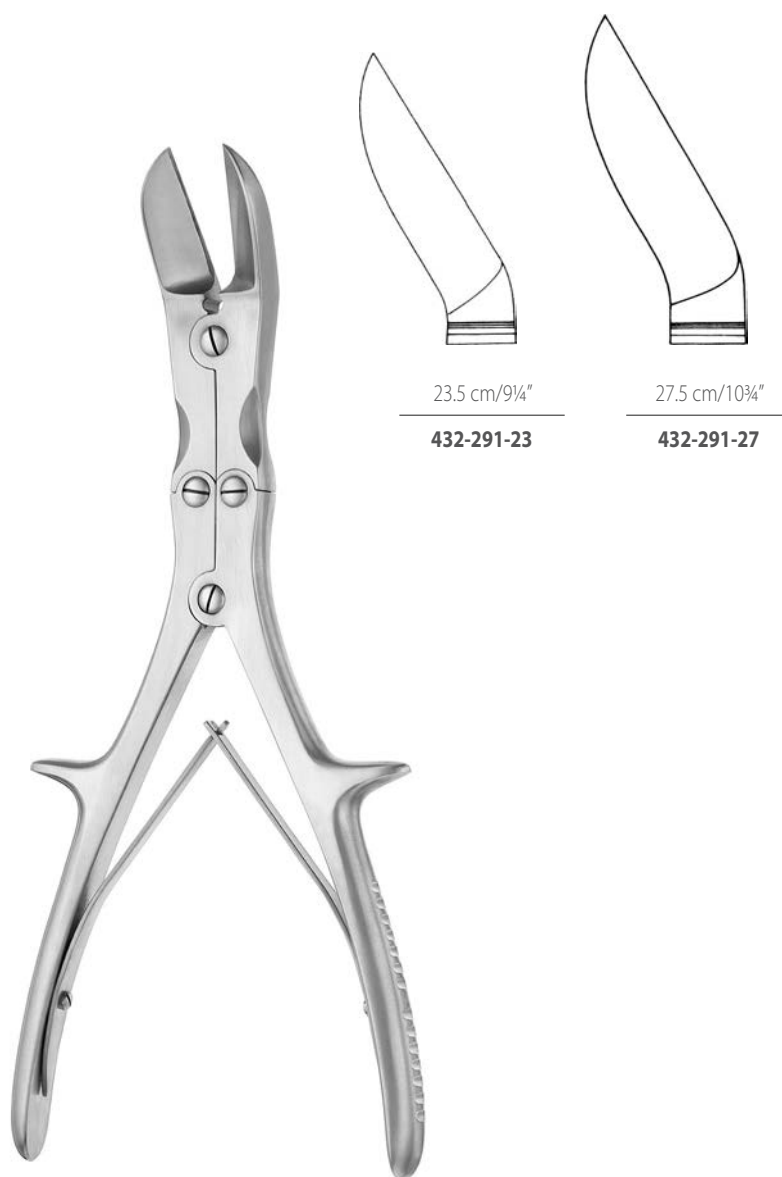
STILLE LISTON
26.5 cm/10 $\frac{1}{4}$ "

432-290-26



STILLE LISTON
27.5 cm/10 $\frac{3}{4}$ "

432-290-27



STILLE LISTON



LISTON-KEY-HORSLEY

24.5 cm/9¾"

432-293-27



SEMB

24 cm/9½"

432-295-24



heavy pattern
 kräftiges Modell
 modèle fort
 modelo fuerte
 modello forte

FERGUSSON

21 cm/8¼"

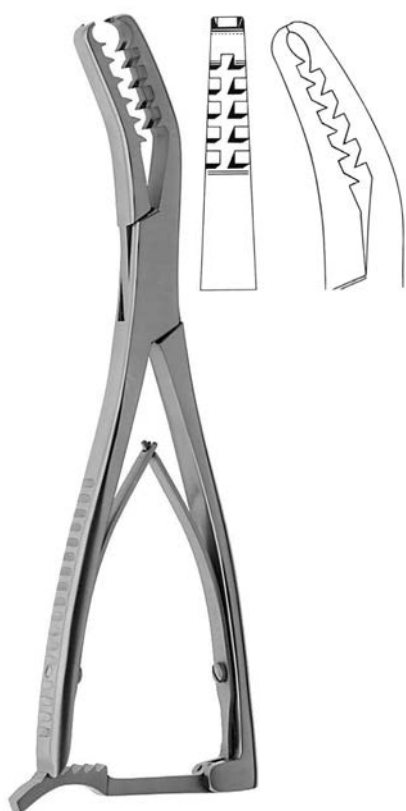
432-360-21



LANGENBECK

21 cm/8¼"

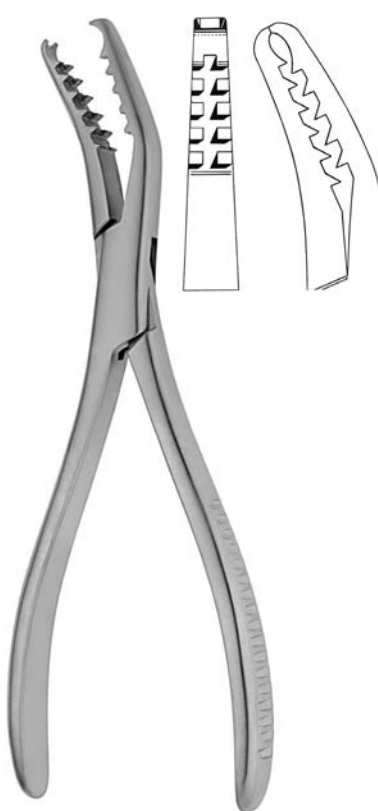
432-362-21



SEMB

19 cm/7½"

432-364-19



SEMB

19 cm/7½"

432-365-19



20 cm/8"

432-386-20



SCHEDE
 17 cm/6¾"



oval, with hollow handel
 oval, mit Hohlheft
 ovale, avec manche creux
 ovalada, con mango hueco
 ovala, con manico vuoto

	oval, hollow handel
Fig. 000	432-467-97
Fig. 00	432-467-98
Fig. 0	432-468-00
Fig. 1	432-468-01
Fig. 2	432-468-02
Fig. 3	432-468-03
Fig. 4	432-468-04



SCHEDE
 17 cm/6¾"

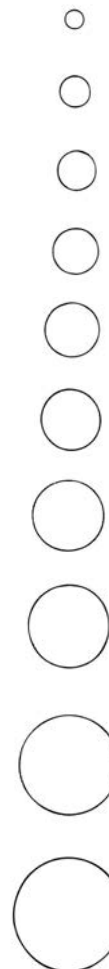


oval, with hollow handel
 oval, mit Hohlheft
 ovale, avec manche creux
 ovalada, con mango hueco
 ovala, con manico vuoto

	oval, hollow handel
Fig. 0000	432-469-96
Fig. 000	432-469-97
Fig. 00	432-469-98
Fig. 0	432-470-00
Fig. 1	432-470-01
Fig. 2	432-470-02
Fig. 3	432-470-03
Fig. 4	432-470-04
Fig. 5	432-470-05
Fig. 6	432-470-06



BRUNS
 17 cm/6¾"



round, with hollow handle
 rund, mit Hohlheft
 rond, avec manche creux
 redonda, con mango hueco
 rotonda, con manico vuoto

	round, hollow handel
Fig. 0000	432-471-96
Fig. 000	432-471-97
Fig. 00	432-471-98
Fig. 0	432-472-00
Fig. 1	432-472-01
Fig. 2	432-472-02
Fig. 3	432-472-03
Fig. 4	432-472-04
Fig. 5	432-472-05
Fig. 6	432-472-06



ø 35 mm
450 g

432-690-45

ø 50 mm
900 g

432-690-90

ø 55 mm
1300 g

432-690-13

26.5 cm/10½"



ø 25 mm
135 g

18.5 cm/7¼"

432-691-14



Sternum chisel

Sternummeißel

Ciseau-burin à sternum

Cinzel para esternum

Scalpello per sterno

LEBSCHKE

24.5 cm/9¾"

432-678-24

Spare facings to 432-691-14, pair

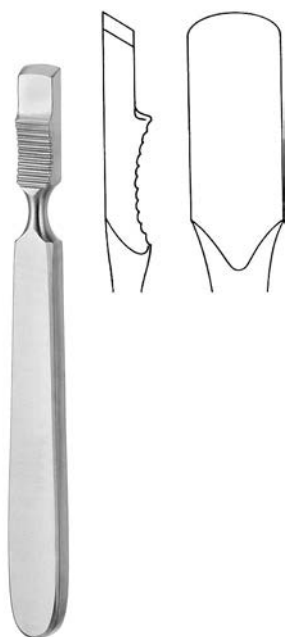
Ersatzbacken zu 432-691-14, Paar

Joues de rechange pour 432-691-14, paire

Frentes de repuesto para 432-691-14, par

Guancie di ricambio per 432-691-14, paio

432-691-99



FARABEUF
15 cm/5¾"

432-702-15



FARABEUF
15 cm/5¾"

432-703-15



LANGENBECK

18 cm/7"

432-711-18

18 cm/7"

432-753-20

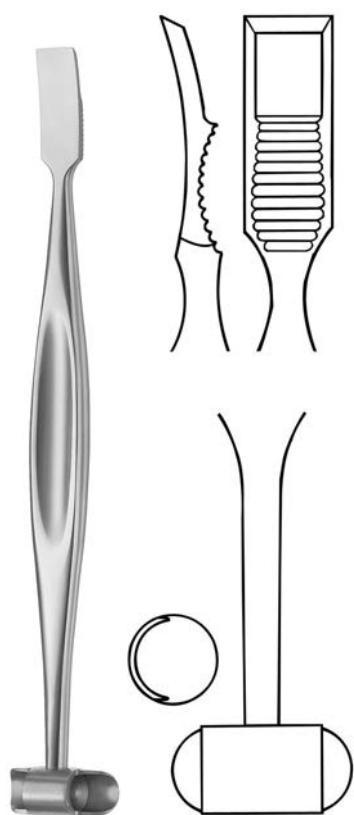
with hollow handle
mit Hohlheft
avec manche creux
con mango hueco
con manico vuoto



LAMBOTTE
21 cm/8¼"



5 mm	432-705-05
10 mm	432-705-10
15 mm	432-705-15
20 mm	432-705-20
25 mm	432-705-25



ALEXANDER

16 cm/6¼"

432-715-16

20 cm/7¾"

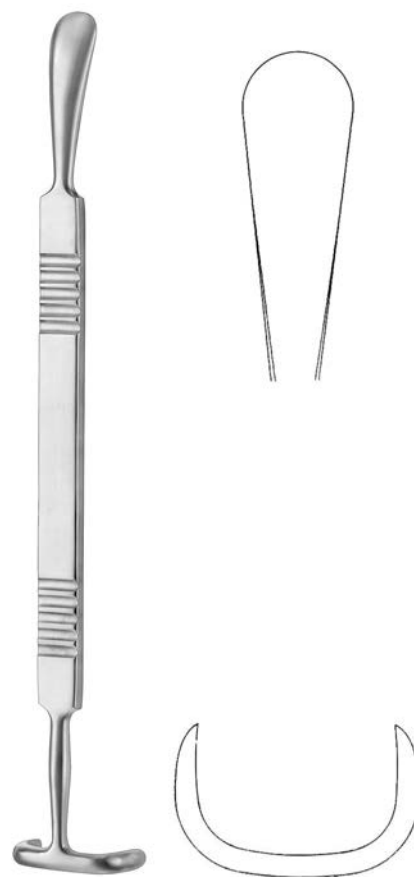
432-715-20



MATSON ALEXANDER

22 cm/8¾"

432-731-22



MATSON

22 cm/8¾"

432-733-22



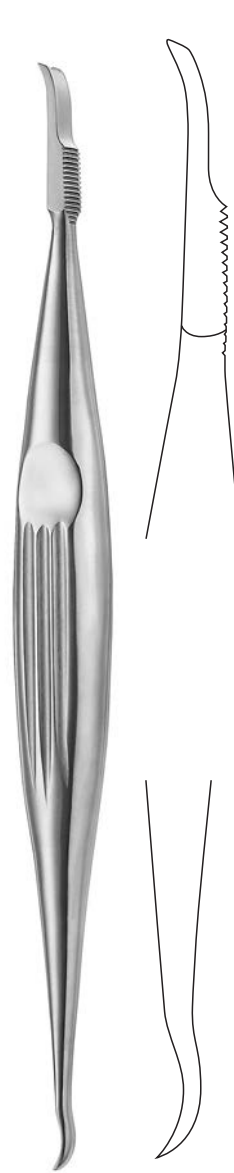
OVERHOLT
 29.5 cm/11¾"

432-735-29



OVERHOLT
 29.5 cm/11¾"

432-737-29



OVERHOLT
 28.5 cm/11¼"

432-739-28



DOYEN
17 cm/6¾"

432-721-17



DOYEN
17 cm/6¾"

432-723-17



DOYEN
17 cm/6¾"

432-725-17



DOYEN
17 cm/6¾"

432-727-17



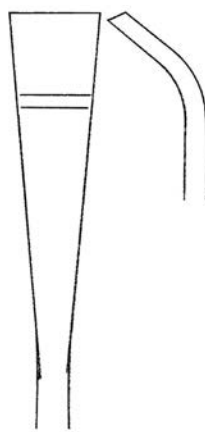
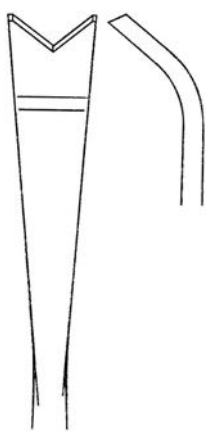
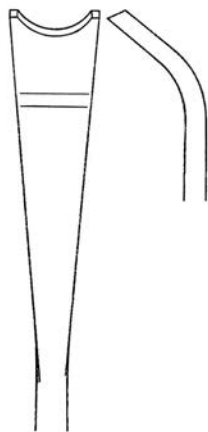
left
links
à gauche
izquierda
sinistro

432-721-24

right
rechts
à droite
derecha
destro

432-723-24

DOYEN
24 cm/9½"

**SEMB**

18.5 cm/7¼" 12 mm

432-729-01**SEMB**

21.5 cm/8½" 12 mm

432-729-02**SEMB**

18.5 cm/7¼" 13 mm

432-729-03**SEMB**

21.5 cm/8½" 13 mm

432-729-04**SEMB**

21 cm/8¼" 15 mm

432-729-05



with plastic handle
mit Kunststoffgriff
avec manche en plastique
con mango de plástico
con manico in plastica

20 cm/8"

432-717-20



with plastic handle
mit Kunststoffgriff
avec manche en plastique
con mango de plástico
con manico in plastica

20 cm/8"
14 mm

432-774-14



with plastic handle
mit Kunststoffgriff
avec manche en plastique
con mango de plástico
con manico in plastica

20 cm/8"
14 mm

432-775-14



with plastic handle
mit Kunststoffgriff
avec manche en plastique
con mango de plástico
con manico in plastica

18 cm/7"
6 mm

432-779-06



with plastic handle
mit Kunststoffgriff
avec manche en plastique
con mango de plástico
con manico in plastica

18 cm/7"
6 mm

432-781-06



with plastic handle
mit Kunststoffgriff
avec manche en plastique
con mango de plástico
con manico in plastica

18 cm/7"
3 mm

432-793-06

**soft, coil of 10 m**

weich, Rolle mit 10 m
malléable, en rouleau de 10 m
blando, rollo de 10 m
molle, rotolo di 10 m

ø 0.2 mm	433-530-02
ø 0.3 mm	433-530-03
ø 0.4 mm	433-530-04
ø 0.5 mm	433-530-05
ø 0.6 mm	433-530-06
ø 0.7 mm	433-530-07
ø 0.8 mm	433-530-08
ø 0.9 mm	433-530-09
ø 1.0 mm	433-530-10
ø 1.2 mm	433-530-12
ø 1.5 mm	433-530-15



18 cm/7"

**433-532-01****433-532-02****433-532-03****parallel grip**

parallel fassend
action parallèle
acción paralela
afferramento parallelo



18 cm/7"

433-537-01

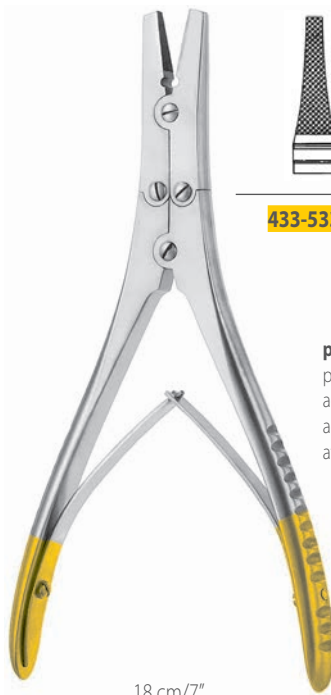
18 cm/7"

433-537-02

18 cm/7"

433-537-03

14.5 cm/5¾"

433-537-04

18 cm/7"

**433-533-01****433-533-02****433-533-03****parallel grip**

parallel fassend
action parallèle
acción paralela
afferramento parallelo



17.5 cm/7"

433-538-01



17 cm/6¾"

433-538-02

with crosswise groove
 mit Kreuzrille
 avec rainures croisées
 con ranura en forma de cruz
 con scanellatura a croce



Flat nose plier, pointed

Spitz- und Flachzange
 Pincès plates/pointues
 Alicates planos/agudos
 Tenaglie piate/appuntate

19.5 cm/7¾"

433-538-19



14 cm/5½"

433-568-14



GOSLEE

14 cm/5½"

433-569-14



15 cm/6"

433-528-01

15 cm/6"

433-528-02

16 cm/6¼"

433-528-03



18 cm/7"

433-528-04

AUTOMATIC

Wire twisting forceps

Drahtzwirbelzangen
Pinces à torsader le fil
Pinzas para torcer alambre
Pinze per ritorcere fili



17 cm/6¾"

433-552-17



BAUMGARTNER

20 cm/8"

433-599-20



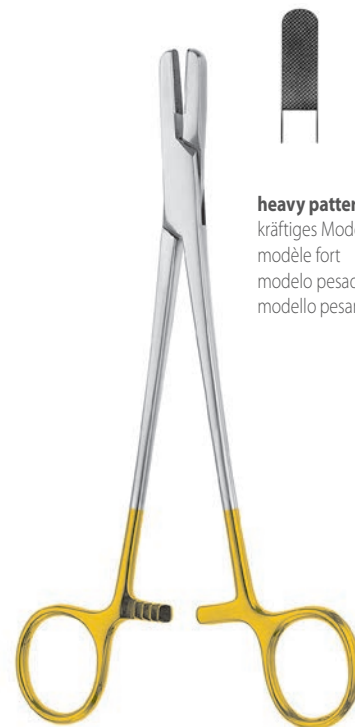
15.5 cm/6"

433-600-15



15 cm/6"

433-601-15



BERRY

19 cm/7½"

433-601-19

heavy pattern
kräftiges Modell
modèle fort
modelo pesado
modello pesante

Wire cutting pliers

Seitenschneider, Drahtkneifzangen

Pince coupantes de côté, pinces à couper le fil

Tenazas de corte lateral, alicates para cortar alambre

Tenaglie tagliafilì laterali, tenaglie tagliafilì



one toothed cutting edge

eine Schneide gezahnt

une lame dentelée

una hoja dentada

una lama dentata

12 cm/4¾"

108-831-12



one toothed cutting edge

eine Schneide gezahnt

une lame dentelée

una hoja dentada

una lama dentata

12 cm/4¾"

108-835-12



HARVEY

12.5 cm/5"

108-838-12



16 cm/6¼"

433-545-16



18 cm/7"

433-545-18



22.5 cm/8¾"

433-545-22

Wire cutting pliers

Seitenschneider, Drahtkneifzangen
 Pince coupantes de côte, pinces à couper le fil
 Tenazas de corte lateral, alicates para cortar alambre
 Tenaglie tagliafilì laterali, tenaglie tagliafilì



17.5 cm/7"

433-546-18



REILL

17.5 cm/7"

433-547-17



14 cm/5½"

987-574-15

Wire cutting pliers

Seitenschneider, Drahtkneifzangen
Pince coupantes de côté, pinces à couper le fil
Tenazas de corte lateral, alicates para cortar alambre
Tenaglie tagliafilì laterali, tenaglie tagliafilì



16 cm/6 1/4"

433-540-16

for soft wires up to
für weiche Drähte bis
pour fils mous jusqu'à
para alambres blandos hasta
per fili molli fino a
Ø 2.2 mm

for hard wires up to
für harte Drähte bis
pour fils durs jusqu'à
para alambres duros hasta
per fili metallici duri fino a
Ø 2.0 mm

Wire cutter, front action
Kopfschneider
Pinces coupantes frontales
Alicates frontal para cortar alambre
Tenaglie tagliafilì frontali



18.5 cm/7 1/4"

433-544-18

for soft wires up to
für weiche Drähte bis
pour fils mous jusqu'à
para alambres blandos hasta
per fili molli fino a
Ø 2.5 mm

for hard wires up to
für harte Drähte bis
pour fils durs jusqu'à
para alambres duros hasta
per fili metallici duri fino a
Ø 1.5 mm



HARVEY
23.5 cm/9 1/4"

433-547-23



19 cm/7½"

656-102-19



23 cm/9¼"

656-102-23



22 cm/8¾"

656-105-22

Sternum scissors
 Sternumschere
 Ciseaux à sternum
 Tijeras de esternón
 Forbici per sterno



SCHUMACHER

21 cm/8¼"

656-148-21

Rib shears with drawing cut

Rippenscheren mit ziehendem Schnitt
Costotome avec lame excentrée
Costótomo con hoja de retroacción
Costotomo con lama eccentrica a scorrimento



GLUCK
22 cm/8¾"

656-107-22



COLLIN
19.5 cm/7¾"

656-108-19



STILLE
21 cm/8¼"

656-111-21



left
links
à gauche
izquierda
sinistro

CORYLLOS

35 cm/14"

656-123-35



right
rechts
à droite
derecha
destro

CORYLLOS

35 cm/14"

656-125-35



BETHUNE
34 cm/13½"

656-126-34



COOLEY
35 cm/14"

656-128-35



LEBSCHÉ

25 cm/10"

656-145-25



SAUERBRUCH

26 cm/10¼"

656-131-26



GIERTZ-STILLE

27 cm/10½"

656-137-27

32 cm/12½"

656-147-28

for right hand

für die rechte Hand
pour la main droite
para la mano derecha
per la mano destra

32 cm/12½"

656-149-28

for left hand

für die linke Hand
pour la main gauche
para la mano izquierda
per la mano sinistra



BRUNNER

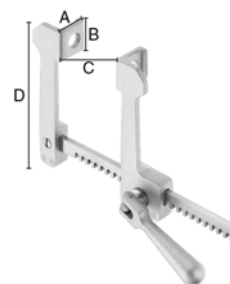
RIB SPREADERS

RIPPENSPERRER

ÉCARTEURS POUR COSTAUX

SEPARADORES COSTALES

DIVARICATORI COSTALI



FINOCHIETTO

	A	B	C	D
656-210-16	40 mm	40 mm	165 mm	110 mm
656-210-20	45 mm	65 mm	200 mm	140 mm
656-210-25	70 mm	65 mm	250 mm	140 mm
656-210-30	70 mm	65 mm	300 mm	140 mm

for adults . für Erwachsene . pour adultes . para adultos . per adulti

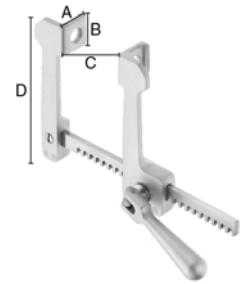


FINOCHIETTO (MODIF.)

Aluminium

	A	B	C	D
656-212-12	14 mm	20 mm	120 mm	105 mm

for babies - für Säuglinge . pour bébés . para bebés . per neonati


FINOCHIETTO-BABY

	A	B	C	D
656-214-75	14 mm	15 mm	75 mm	55 mm

for babies . für Säuglinge . pour bébés . para bebés . per neonati

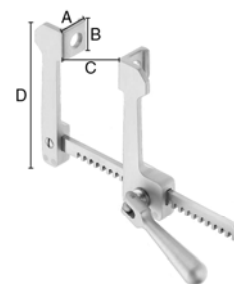

COOLEY
Aluminium

	A	B	C	D
656-220-01	12 mm	17 mm	95 mm	55 mm

for babies . für Säuglinge . pour bébés . para bebés . per neonati

	A	B	C	D
656-220-02	15 mm	30 mm	140 mm	80 mm
656-220-07	29 mm	34 mm	140 mm	110 mm

for children . für Kinder . pour enfants . para niños . per bambini



COOLEY

Aluminium

	A	B	C	D
656-220-03	22 mm	45 mm	150 mm	110 mm

for children · für Kinder · pour enfants · para niños · per bambini

	A	B	C	D
656-220-04	34 mm	51 mm	200 mm	145 mm
656-220-08	34 mm	100 mm	180 mm	180 mm

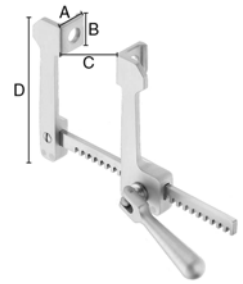
for adults · für Erwachsene · pour adultes · para adultos · per adulti

	A	B	C	D
656-220-09	34 mm	100 mm	180 mm	180 mm

for adults with suture separator · für Erwachsene mit Fadenfänger · pour adultes avec chasseur de suture · para adultos con separador de sutura · per adulti con il separetore del suture

	A	B	C	D
656-220-10	34 mm	115 mm	230 mm	205 mm

for adults, extra large · für Erwachsene, extra groß · pour adultes, extra-grand · para adultos, extra grande · per adulti, extra grande



COOLEY

Aluminium

	A	B	C	D
656-220-05	10 mm	15.5 mm	75 mm	55 mm

neonatal • für Neugeborene • néonatal • recién nacidos • neonatale

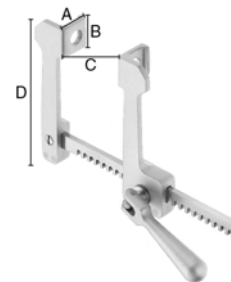


COOLEY

Aluminium

	A	B	C	D
656-220-06	20 mm	24 mm	100 mm	80 mm

for babies • für Säuglinge • pour bébés • para bebés • per neonati



I.M.A			C	D
656-220-60			215 mm	140 mm

mammaria retractor, complete · Mammaria Sperrer, komplett · Ecarteur à mammaria, complet · Separador mammaria, completo · Divaricatore per mammaria, completo

			C	D
656-220-61			215 mm	140 mm

retractor only · Sperrer allein · écarteur seul · separador suelto · divaricatore solo

I.M.A	A	B		
656-220-62	30 mm	50 mm		

Mammaria blade complete, with holding blades left and right ·

Mammariablatt komplett, mit Aufnahmeblatt links und rechts ·

Mammaria valves complètes, avec valves à droite et à gauche ·

Mammaria valvas completas, con valvas izquierda y derecha ·

Mammaria valve completo, con valve sinistra e destra

	A	B		
656-220-63	30 mm	100 mm		
656-220-64	40 mm	100 mm		

sternum blades, pair · Sternumblätter, Paar · valves à sternum, paire · sternum valvas, par · sternum valve, coppia



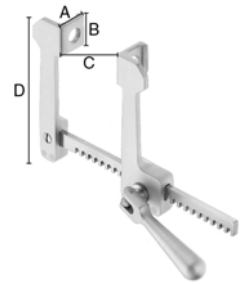
656-220-62



656-220-63



656-220-64



	A	B	C	D
656-230-13	30 mm	45 mm	145 mm	110 mm

for adults, small model · für Erwachsene, kleines Modell · pour adultes, petit · para adultos, modelo pequeño · per adulti, modello piccolo

	A	B	C	D
656-230-17	42 mm	62 mm	180 mm	145 mm

for adults · für Erwachsene · pour adultes · para adultos · per adulti

	A	B	C	D
656-230-16	42 mm	62 mm	180 mm	145 mm

for adults with suture separator · für Erwachsene mit Fadenfänger · pour adultes avec chasseur de suture · para adultos con separador de sutura · per adulti con il separatore del suture

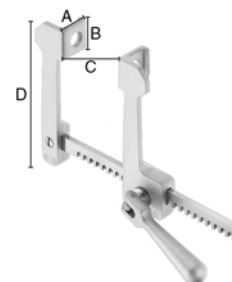
	A	B	C	D
656-230-18	80 mm	65 mm	180 mm	145 mm

for adults, extra large · für Erwachsene, extra groß · pour adultes, extra-grand · para adultos, extra grande · per adulti, extra grande



FINOCHIETTO

Aluminium



FINOCHIETTO BABY-HAIGHT

Aluminium

	A	B	C	D
656-232-10	27 mm	31 mm	100 mm	80 mm

for children · für Kinder · pour enfants · para niños · per bambini

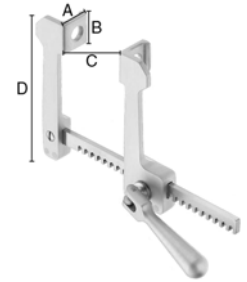


FINOCHIETTO

Aluminium

	A	B	C	D
656-234-40	12 mm	15 mm	100 mm	55 mm

for babies · für Säuglinge · pour bébés · para bebés · per neonati


FINOCHIETTO
Aluminium

	A	B	C	D
656-234-41	28 mm	30 mm	143 mm	80 mm
656-234-42	31 mm	45 mm	210 mm	110 mm

for children · für Kinder · pour enfants · para niños · per bambini

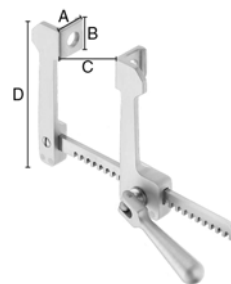
	A	B	C	D
656-234-43	42 mm	62 mm	245 mm	145 mm
656-234-44	74 mm	64 mm	250 mm	145 mm

for adults · für Erwachsene · pour adultes · para adultos · per adulti

FINOCHIETTO INFANT
Aluminium

	A	B	C	D
656-234-75	12 mm	15 mm	75 mm	55 mm

for babies · für Säuglinge · pour bébés · para bebés · per neonati



with 2 pairs of blades

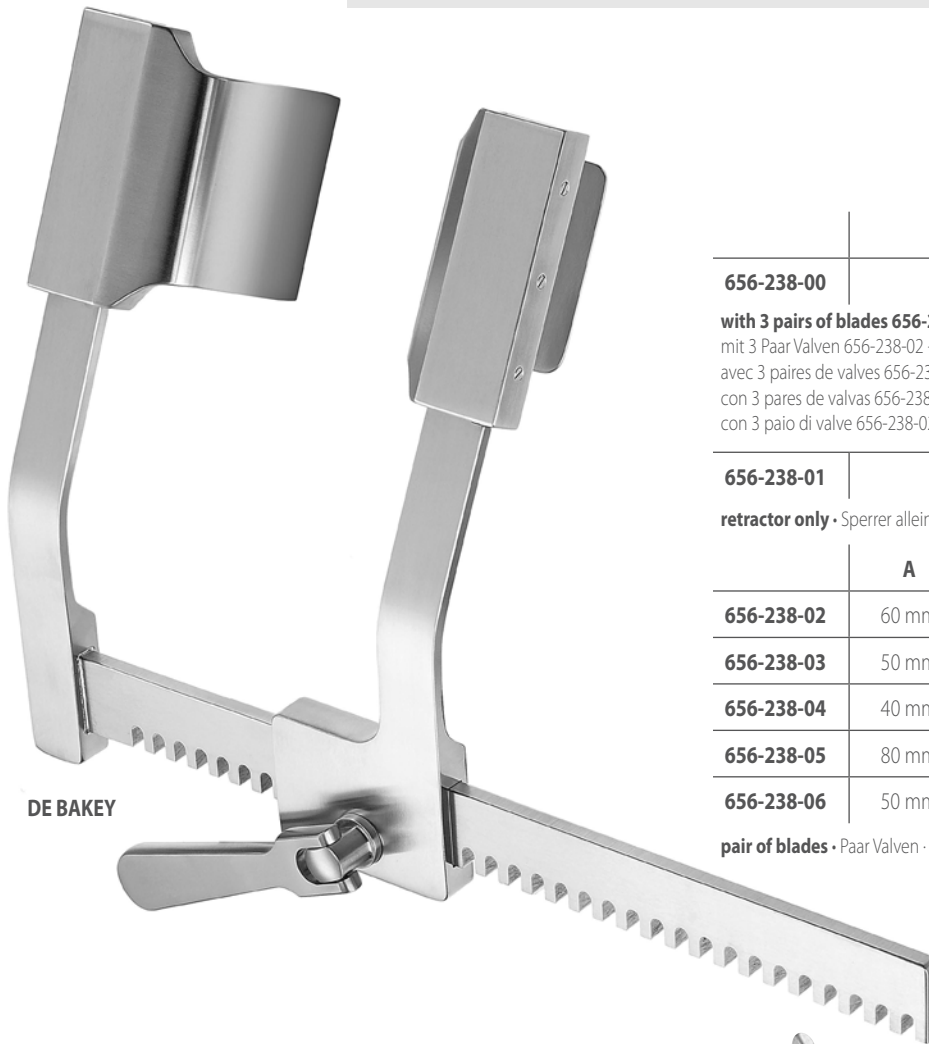
mit 2 Paar Valven
 avec 2 paires de valves
 con 2 pares de valvas
 con 2 paio di valve

	A	B	C	D
656-236-21	48/77 mm	64 mm	210 mm	195 mm
656-236-25	48/77 mm	64 mm	250 mm	195 mm
656-236-30	48/77 mm	64 mm	300 mm	195 mm

for adults · für Erwachsene · pour adultes · para adultos · per adulti



FINOCHIETTO BURFORD


DE BAKEY

			C	D
656-238-00			150 mm	120 mm

with 3 pairs of blades 656-238-02 - 656-238-04 ·

mit 3 Paar Valven 656-238-02 - 656-238-04 ·

avec 3 paires de valves 656-238-02 - 656-238-04 ·

con 3 pares de valvas 656-238-02 - 656-238-04 ·

con 3 paio di valve 656-238-02 - 656-238-04

656-238-01			150 mm	120 mm
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retractor only · Sperrer allein · écarteur seul · separador suelto · divaricatore solo

	A	B		
656-238-02	60 mm	60 mm		
656-238-03	50 mm	80 mm		
656-238-04	40 mm	100 mm		
656-238-05	80 mm	60 mm		
656-238-06	50 mm	66 mm		

pair of blades · Paar Valven · paire de valves · par de valvas · paio di valve

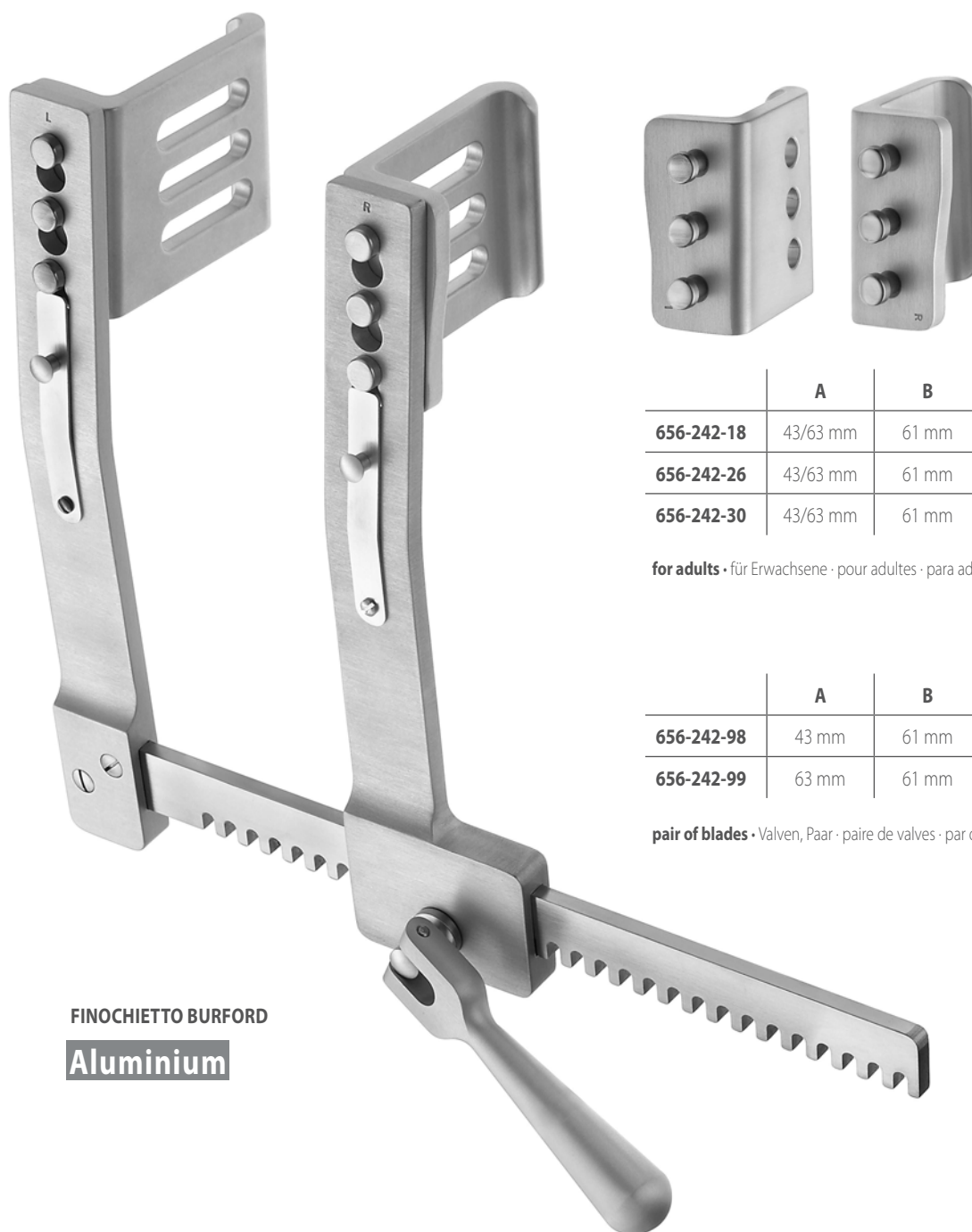
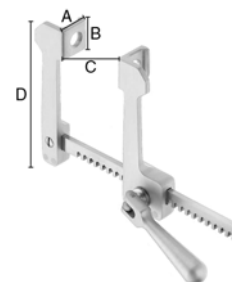

656-238-02

656-238-03

656-238-04

656-238-05

656-238-06



with 2 pairs of blades

mit 2 Paar Valven
 avec 2 paires de valves
 con 2 pares de valvas
 con 2 paia di valve



	A	B	C	D
656-242-18	43/63 mm	61 mm	200 mm	200 mm
656-242-26	43/63 mm	61 mm	260 mm	200 mm
656-242-30	43/63 mm	61 mm	300 mm	200 mm

for adults · für Erwachsene · pour adultes · para adultos · per adulti

	A	B	C	D
656-242-98	43 mm	61 mm		
656-242-99	63 mm	61 mm		

pair of blades · Valven, Paar · paire de valves · par de valvas · paio di valve

FINOCHIETTO BURFORD

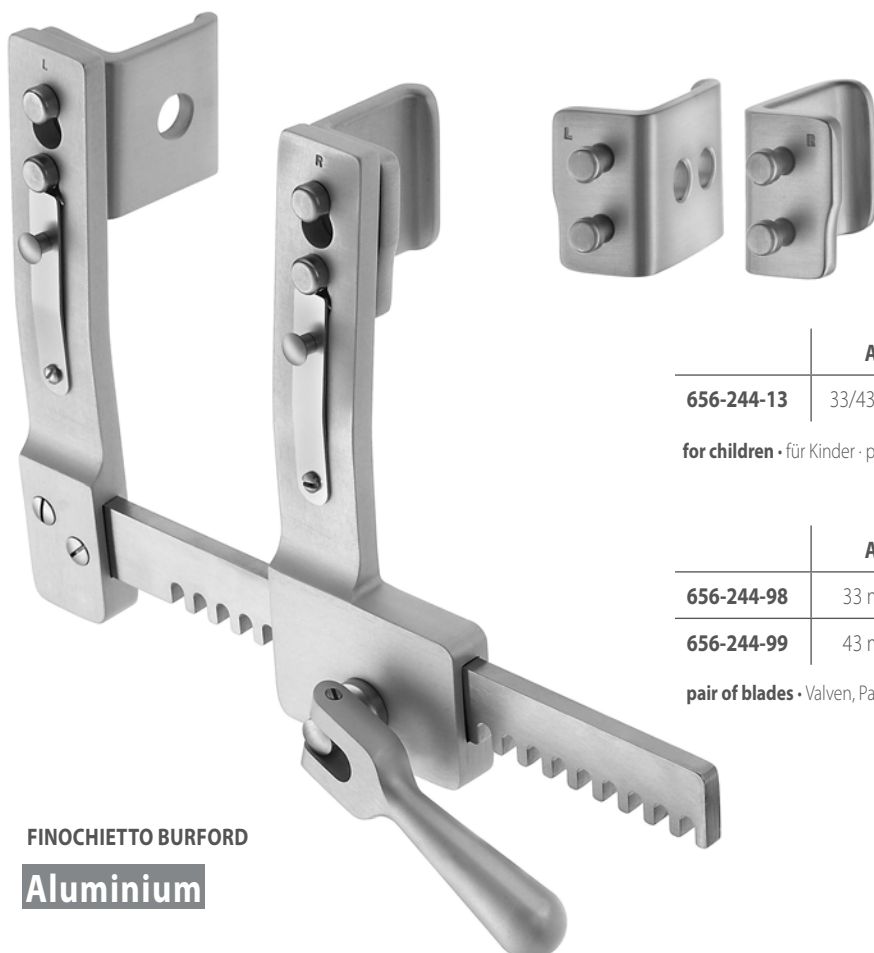
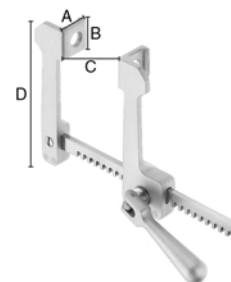
Aluminium

Rib spreaders

Rippensperrer
Écarteurs pour costaux
Separadores costales
Divaricatori costali

08

RIB SPREADERS



with 2 pairs of blades

mit 2 Paar Valven
avec 2 paires de valves
con 2 pares de valvas
con 2 paia di valve

	A	B	C	D
656-244-13	33/43 mm	43 mm	135 mm	118 mm

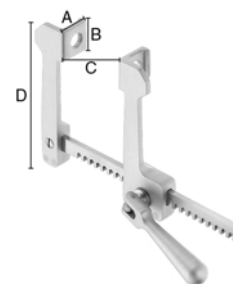
for children • für Kinder • pour enfants • para niños • per bambini

	A	B	C	D
656-244-98	33 mm	43 mm		
656-244-99	43 mm	43 mm		

pair of blades • Valven, Paar • paire de valves • par de valvas • paio di valve

FINOCHIETTO BURFORD

Aluminium



	A	B		
656-245-02	40 mm	67 mm		
656-245-03	80 mm	67 mm		
656-245-04	30 mm	80 mm		
656-245-05	25.5 mm	80 mm		

pair of blades · Paar Valven · paire de valves · par de valvas · paio di valve

			C	D
656-245-01			220 mm	300 mm

for adults with 2 pairs of blades 656-245-02 - 656-245-03 ·

für Erwachsene mit 2 Paar Valven 656-245-02 - 656-245-03 ·
 pour adultes avec 2 paires de valves 656-245-02 - 656-245-03 ·
 para adultos con 2 pares de valvas 656-245-02 - 656-245-03 ·
 per adulti con 2 paia di valve 656-245-02 - 656-245-03

FINOCHIETTO BURFORD



656-245-02



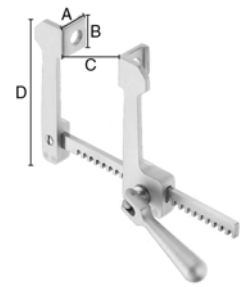
656-245-03



656-245-04



656-245-05


CASTAÑEDA
Aluminium

	A	B	C	D
656-250-06	9 mm	34 mm	70 mm	55 mm

neonatal • für Neugeborene • néonatal • recién nacidos • neonatale

	A	B	C	D
656-250-07	11 mm	45 mm	80 mm	80 mm

for babies • für Säuglinge • pour bébés • para bebés • per neonati

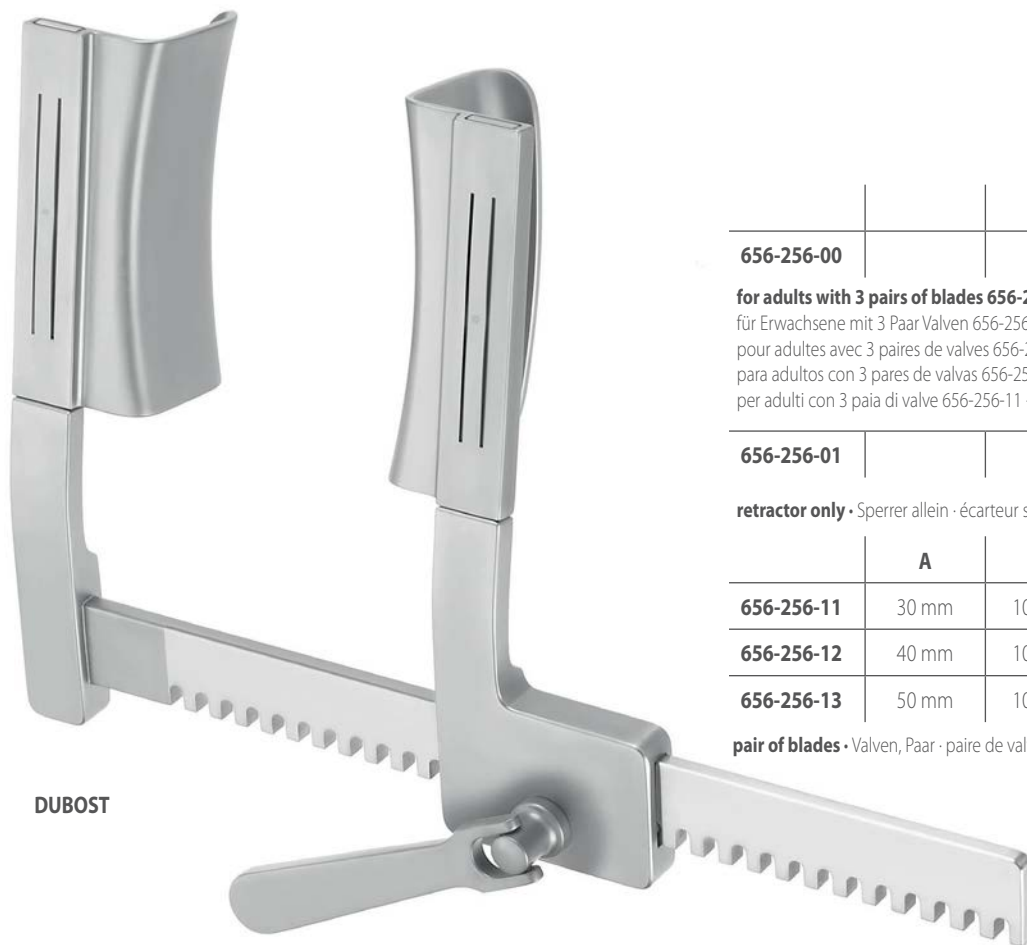
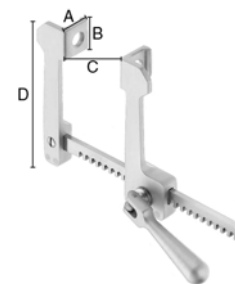
	A	B	C	D
656-250-12	15 mm	60 mm	120 mm	125 mm

for children • für Kinder • pour enfants • para niños • per bambini

WEINBERG
Aluminium

	A	B	C	D
656-251-01	12 mm	20 mm	95 mm	75 mm

for children • für Kinder • pour enfants • para niños • per bambini



DUBOST

			C	D
656-256-00			160 mm	140 mm

for adults with 3 pairs of blades 656-256-11 - 656-256-13 ·

für Erwachsene mit 3 Paar Valven 656-256-11 - 656-256-13 ·

pour adultes avec 3 paires de valves 656-256-11 - 656-256-13 ·

para adultos con 3 pares de valvas 656-256-11 - 656-256-13 ·

per adulti con 3 paia di valve 656-256-11 - 656-256-13

656-256-01			160 mm	140 mm
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retractor only · Sperrer allein · écarteur seul · separador suelto · divaricatore solo

	A	B		
656-256-11	30 mm	100 mm		
656-256-12	40 mm	100 mm		
656-256-13	50 mm	100 mm		

pair of blades · Valven, Paar · paire de valves · par de valvas · paio di valve



656-256-11



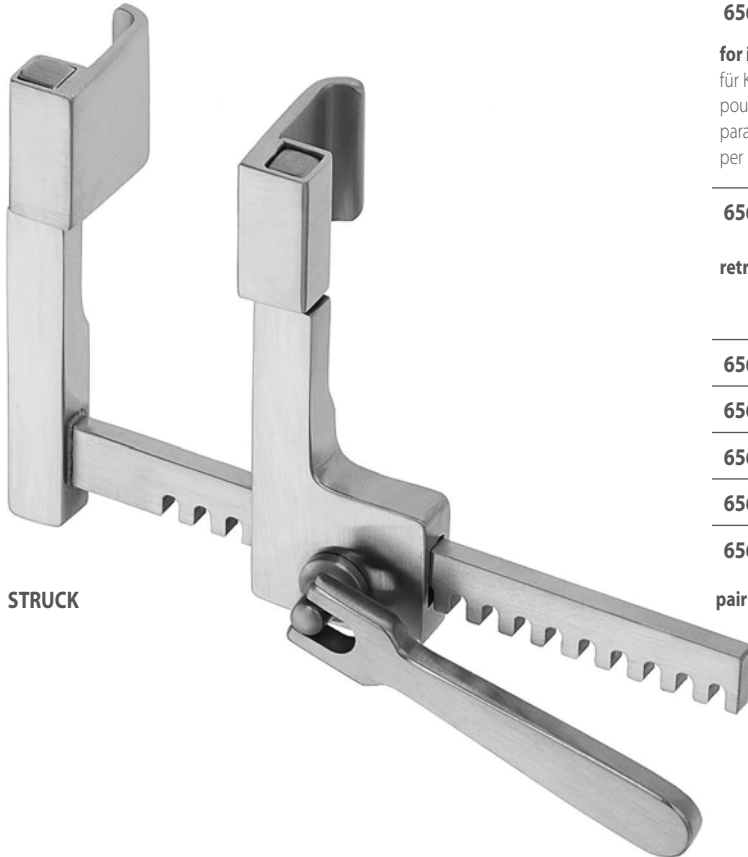
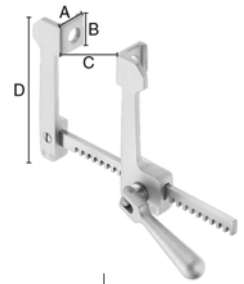
656-256-12



656-256-13



RIB SPREADERS



STRUCK

			C	D
656-258-00			70 mm	64 mm

for infants with 2 pairs of blades 656-258-14 - 656-258-15 ·

für Kleinkinder mit 2 Paar Valven 656-258-14 - 656-258-15 ·
pour enfants avec 2 paires de valves 656-258-14 - 656-258-15 ·
para niños con 2 pares de valvas 656-258-14 - 656-258-15 ·
per bambini con 2 paia di valve 656-258-14 - 656-258-15

656-258-01			70 mm	64 mm
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retractor only · Sperrer allein · écarteur seul · separador suelto · divaricatore solo

	A	B		
656-258-11	10 mm	10 mm		
656-258-12	10 mm	15 mm		
656-258-13	10 mm	20 mm		
656-258-14	15 mm	20 mm		
656-258-15	20 mm	20 mm		

pair of blades · Valven, Paar · paire de valves · par de valvas · paio di valve



656-258-11



656-258-12



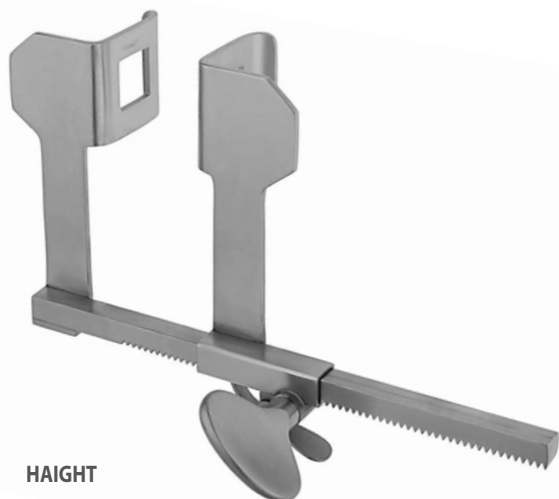
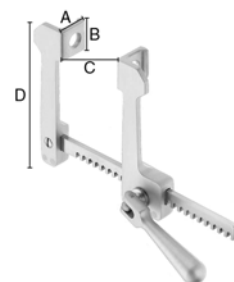
656-258-13



656-258-14



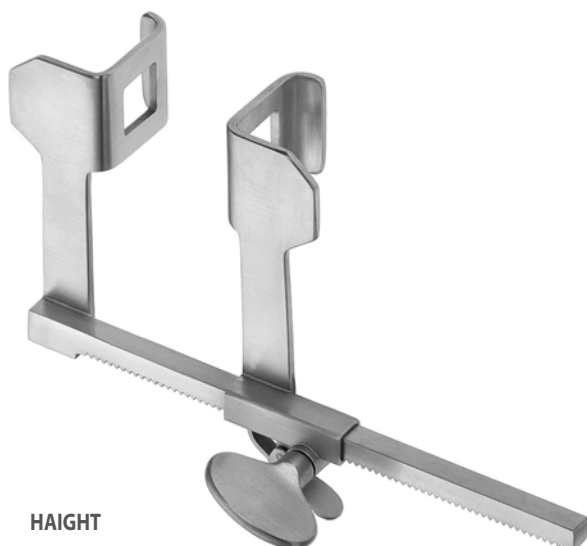
656-258-15



HAIGHT

	A	B	C	D
656-260-09	30 mm	30 mm	90 mm	70 mm

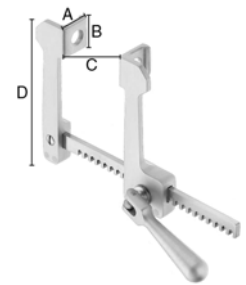
for children • für Kinder • pour enfants • para niños • per bambini



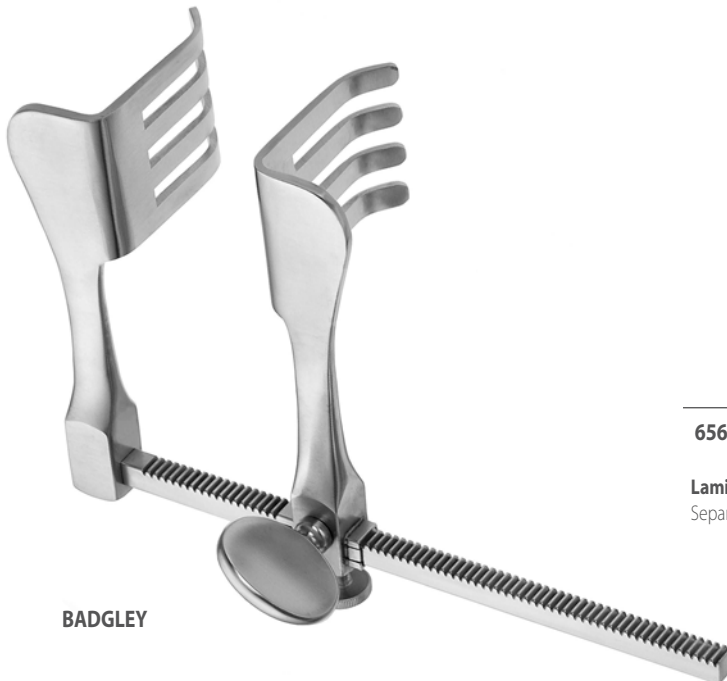
HAIGHT

	A	B	C	D
656-260-15	30 mm	30 mm	115 mm	90 mm

for children • für Kinder • pour enfants • para niños • per bambini



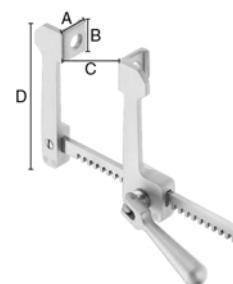
	A	B	C	D
656-262-12	28 mm	32 mm	120 mm	140 mm



BADGLEY

	A	B	C	D
656-262-16	48 mm	45 mm	170 mm	110 mm

Laminectomy spreader • Laminektomie-Spreizer • Ecarteur pour laminectomie •
Separador para laminectomía • Divaricatore per laminectomia



TUFFIER

	A	B	C	D
656-264-14	32 mm	19 mm	145 mm	90 mm

for children • für Kinder • pour enfants • para niños • per bambini

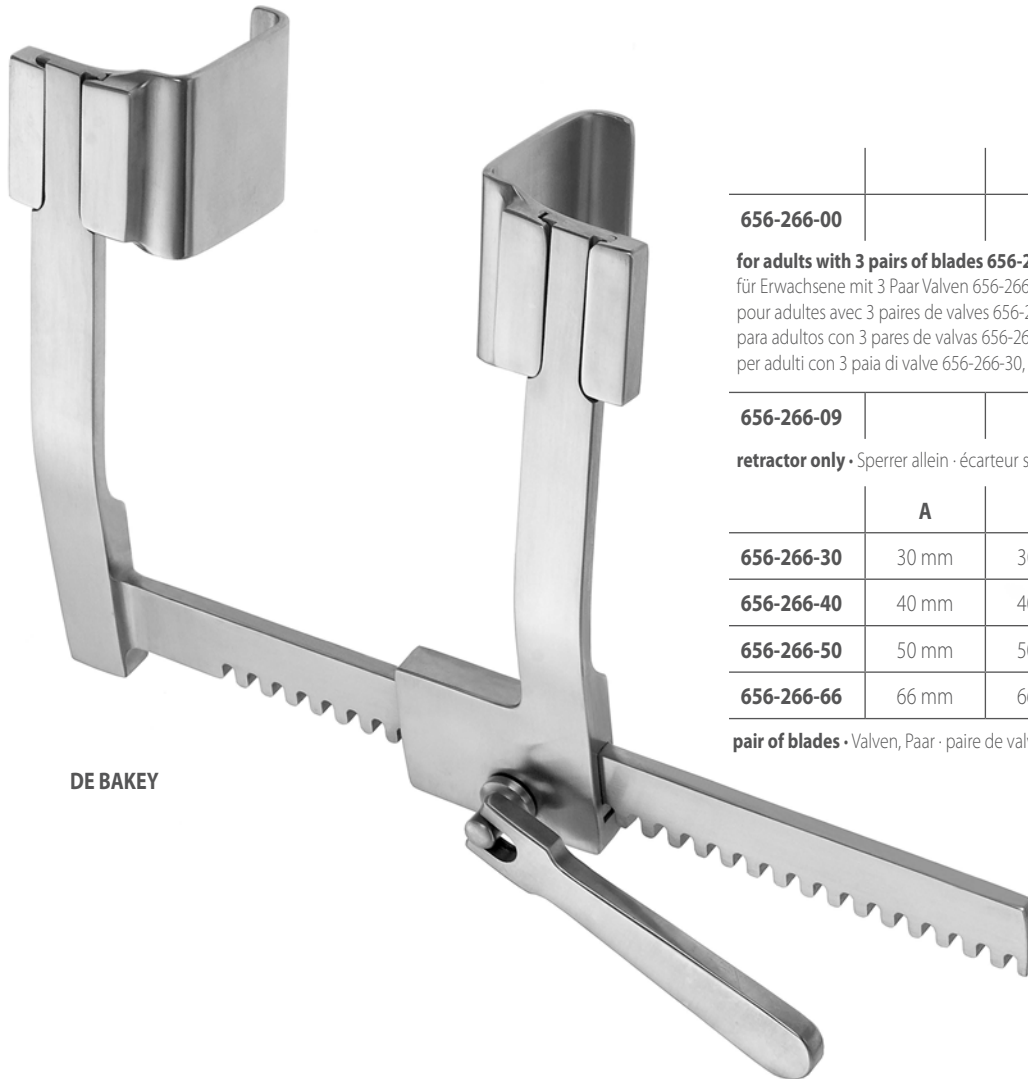


TUFFIER

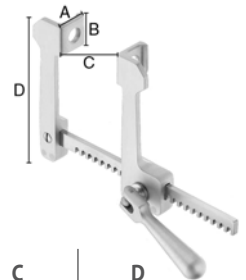
	A	B	C	D
656-264-16	50 mm	45 mm	165 mm	110 mm

for children • für Kinder • pour enfants • para niños • per bambini

RIB SPREADERS



DE BAKEY



			C	D
656-266-00			150 mm	180 mm

for adults with 3 pairs of blades 656-266-30, 656-266-40 & 656-266-50 •

für Erwachsene mit 3 Paar Valven 656-266-30, 656-266-40 & 656-266-50 •

pour adultes avec 3 paires de valves 656-266-30, 656-266-40 & 656-266-50 •

para adultos con 3 pares de valvas 656-266-30, 656-266-40 & 656-266-50 •

per adulti con 3 paia di valve 656-266-30, 656-266-40 & 656-266-50

656-266-09			150 mm	180 mm
-------------------	--	--	--------	--------

retractor only • Sperrer allein • écarteur seul • separador suelto • divaricatore solo

	A	B		
656-266-30	30 mm	30 mm		
656-266-40	40 mm	40 mm		
656-266-50	50 mm	50 mm		
656-266-66	66 mm	66 mm		

pair of blades • Valven, Paar • paire de valves • par de valvas • paio di valve



656-266-30



656-266-50

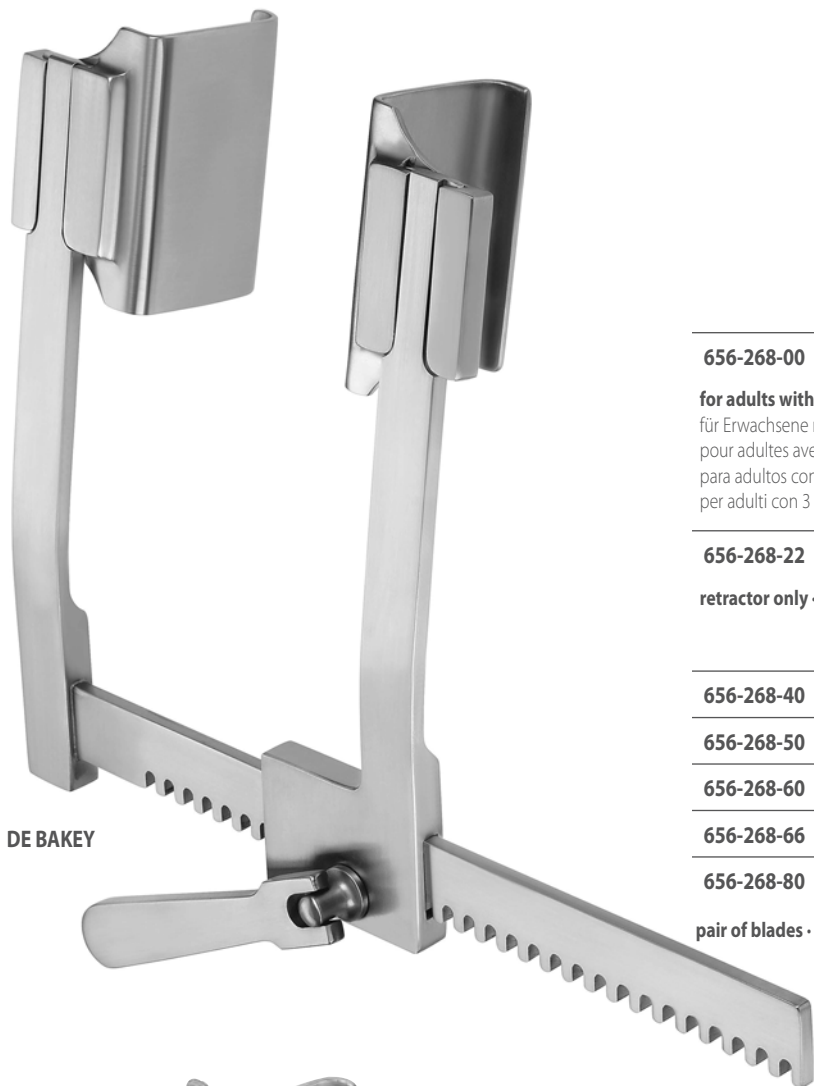


656-266-40

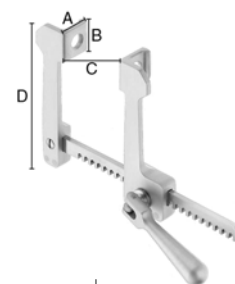


656-266-66

RIB SPREADERS



DE BAKEY



			C	D
656-268-00			200 mm	225 mm

for adults with 3 pairs of blades 656-268-40, 656-268-50 & 656-268-60 ·

für Erwachsene mit 3 Paar Valven 656-268-40, 656-268-50 & 656-268-60 ·

pour adultes avec 3 paires de valves 656-268-40, 656-268-50 & 656-268-60 ·

para adultos con 3 pares de valvas 656-268-40, 656-268-50 & 656-268-60 ·

per adulti con 3 paia di valve 656-268-40, 656-268-50 & 656-268-60

			200 mm	mm
656-268-22			200 mm	mm

retractor only · Sperrer allein · écarteur seul · separador suelto · divaricatore solo

	A	B		
656-268-40	40 mm	100 mm		
656-268-50	50 mm	80 mm		
656-268-60	60 mm	60 mm		
656-268-66	66 mm	66 mm		
656-268-80	80 mm	60 mm		

pair of blades · Valven, Paar · paire de valves · par de valvas · paio di valve



656-268-40



656-268-66



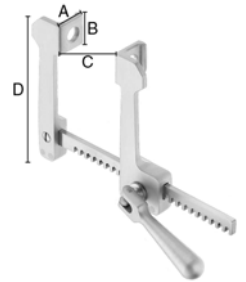
656-268-50



656-268-60



656-268-80



MERCEDES



656-270-48



656-270-70

656-270-00

with 2 pairs of blades 656-270-48 & 656-270-70 ·

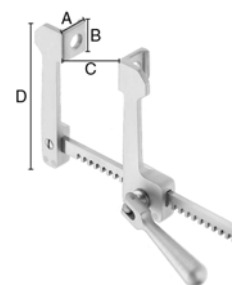
mit 2 Paar Valven 656-270-48 & 656-270-70 ·
 avec 2 paires de valves 656-270-48 & 656-270-70 ·
 con 2 pares de valvas 656-270-48 & 656-270-70 ·
 con 2 paia di valve 656-270-48 & 656-270-70

656-270-10

retractor only · Sperrer allein · écarteur seul · separador suelto · divaricatore solo

	A	B		
656-270-48	48 mm	68 mm		
656-270-70	70 mm	75 mm		

pair of blades · Valven, Paar · paire de valves · par de valvas · paio di valve



MORSE

	A	B	C	D	E
656-272-15	20 mm	20 mm	160 mm	120 mm	50 mm

for children, with 2 swivel blades 50 mm apart •

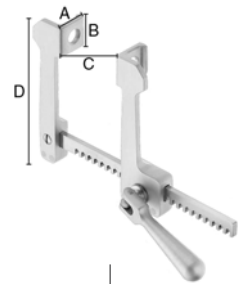
für Kinder, mit 2 beweglichen Valven, Abstand der Valven 50 mm ·
 pour enfants, avec 2 lames volantes, 50 mm distance entre les valves ·
 para niños, con 2 valvas ágiles, distancia de las valvas 50 mm ·
 per bambini, con 2 valve movente, distanza di la valve 50 mm

	A	B	C	D	E
656-272-20	20 mm	28 mm	200 mm	150 mm	72 mm

for adults, with 2 swivel blades 72 mm apart •

für Erwachsene, mit 2 beweglichen, Abstand der Valven 72 mm ·
 pour adultes, avec 2 lames volantes, 72 mm distance entre les valves ·
 para adultos, con 2 valvas ágiles, distancia de las valvas 72 mm ·
 per adulti, con 2 valve movente, distanza di la valve 72 mm

RIB SPREADERS



MORSE-FAVALORO	A	B	C	D	E
656-273-16	17 mm	22 mm	160 mm	120 mm	50 mm

for children, with 2 swivel blades 50 mm apart •

für Kinder, mit 2 beweglichen Valven, Abstand der Valven 50 mm •

pour enfants, avec 2 lames volantes, 50 mm distance entre les valves •

para niños, con 2 valvas ágiles, distancia de las valvas 50 mm •

per bambini, con 2 valve movente, distanza di la valve 50 mm

MORSE-FAVALORO	A	B	C	D	E
656-273-15	40 mm	20 mm	155 mm	175 mm	65 mm

for adults, with 2 swivel blades 65 mm apart •

für Erwachsene, mit 2 beweglichen Valven, Abstand der Valven 65 mm •

pour adultes, avec 2 lames volantes, 65 mm distance entre les valves •

para adultos, con 2 valvas ágiles, distancia de las valvas 65 mm •

per adulti, con 2 valve movente, distanza di la valve 65 mm

MORSE	A	B	C	D	E
656-273-20	20 mm	20 mm	155 mm	120 mm	50 mm

for children, with 2 swivel blades 50 mm apart •

für Kinder, mit 2 beweglichen Valven, Abstand der Valven 50 mm •

pour enfants, avec 2 lames volantes, 50 mm distance entre les valves •

para niños, con 2 valvas ágiles, distancia de las valvas 50 mm •

per bambini, con 2 valve movente, distanza di la valve 50 mm

MORSE	A	B	C	D	E
656-273-19	20 mm	28 mm	210 mm	155 mm	155 mm

for adults, with 2 swivel blades 72 mm apart •

für Erwachsene, mit 2 beweglichen Valven, Abstand der Valven 72 mm •

pour adultes, avec 2 lames volantes, 72 mm distance entre les valves •

para adultos, con 2 valvas ágiles, distancia de las valvas 72 mm •

per adulti, con 2 valve movente, distanza di la valve 72 mm

MORSE	A	B	C	D	E
656-273-30	30 mm	35 mm	200 mm	195 mm	42 mm

for adults, with 3 swivel blades 42 mm apart •

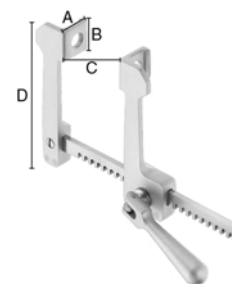
für Erwachsene, mit 3 beweglichen Valven, Abstand der Valven 42 mm •

pour adultes, avec 3 lames volantes, 42 mm distance entre les valves •

para adultos, con 3 valvas ágiles, distancia de las valvas 42 mm •

per adulti, con 3 valve movente, distanza di la valve 42 mm


Aluminium



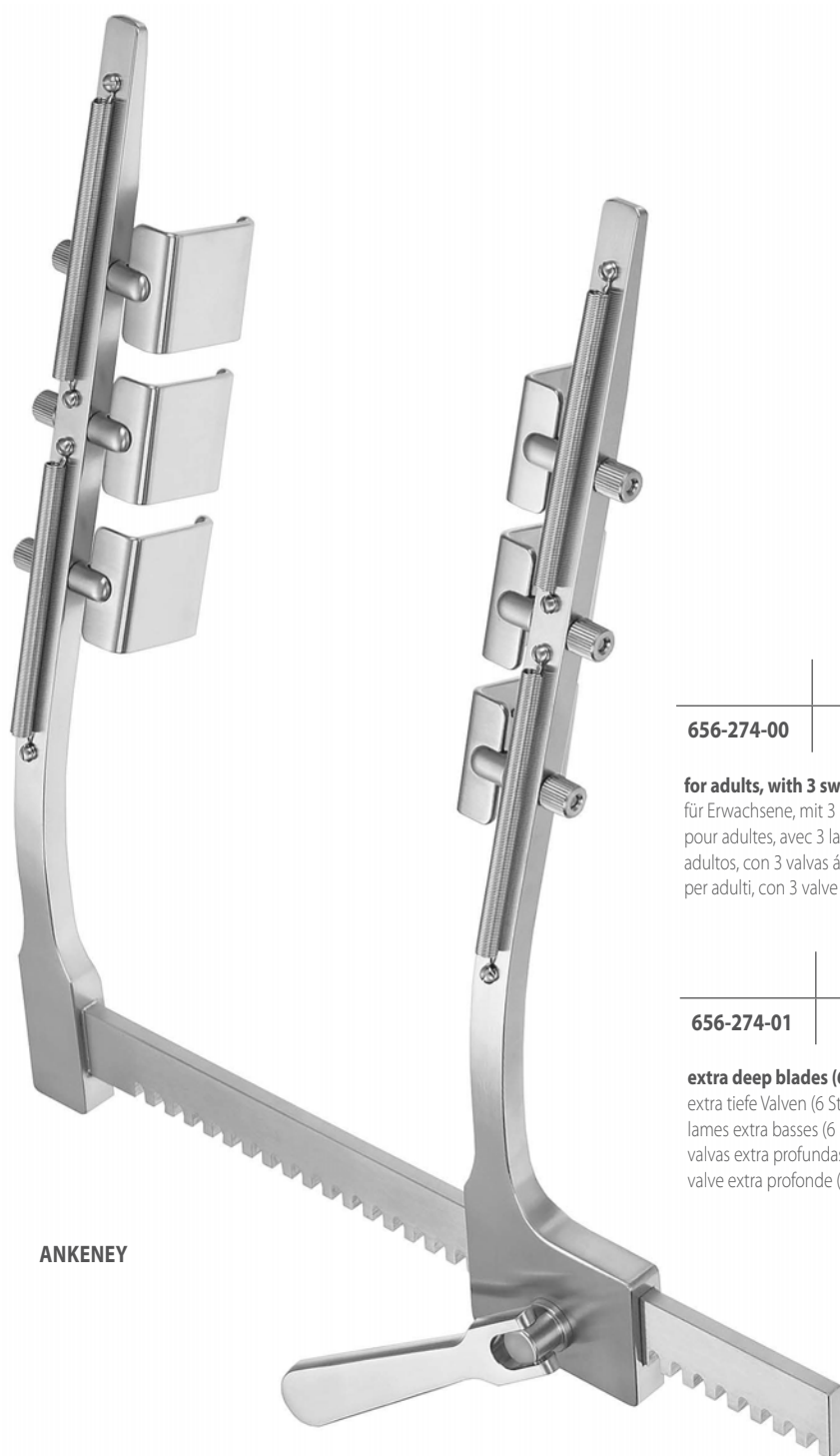
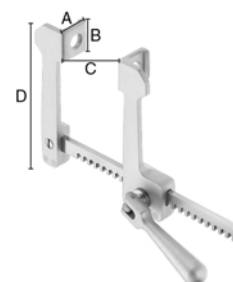
ANKENEY

Aluminium

	A	B	C	D
656-276-00	25 mm	19 mm	127 mm	114 mm

for children, with 2 swivel blades-

für Kinder, mit 2 beweglichen Valven ·
 pour enfants, avec 2 lames volantes ·
 para niños, con 2 valvas ágiles ·
 per bambini, con 2 valve movente


ANKENEY

	A	B	C	D
656-274-00	32 mm	35 mm	178 mm	292 mm

for adults, with 3 swivel blades ·

für Erwachsene, mit 3 beweglichen Valven ·

pour adultes, avec 3 lames volantes · para

adultos, con 3 valvas ágiles ·

per adulti, con 3 valve movente

	A	B		
656-274-01	52 mm	35 mm		

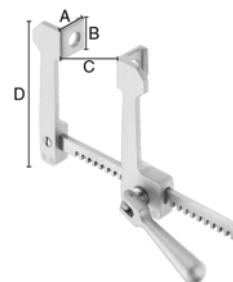
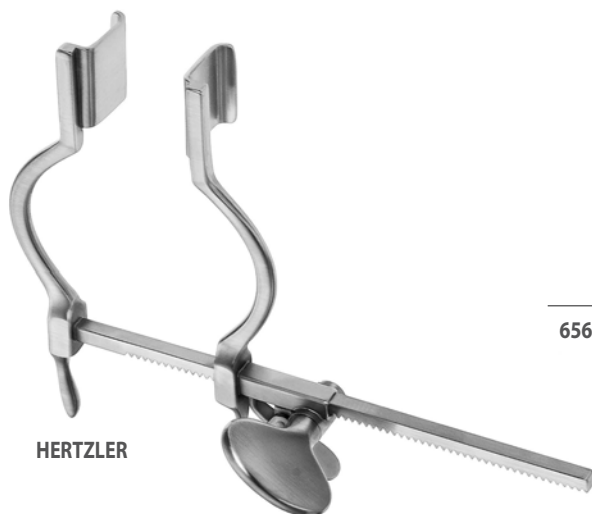
extra deep blades (6 pieces) ·

extra tiefe Valven (6 Stück) ·

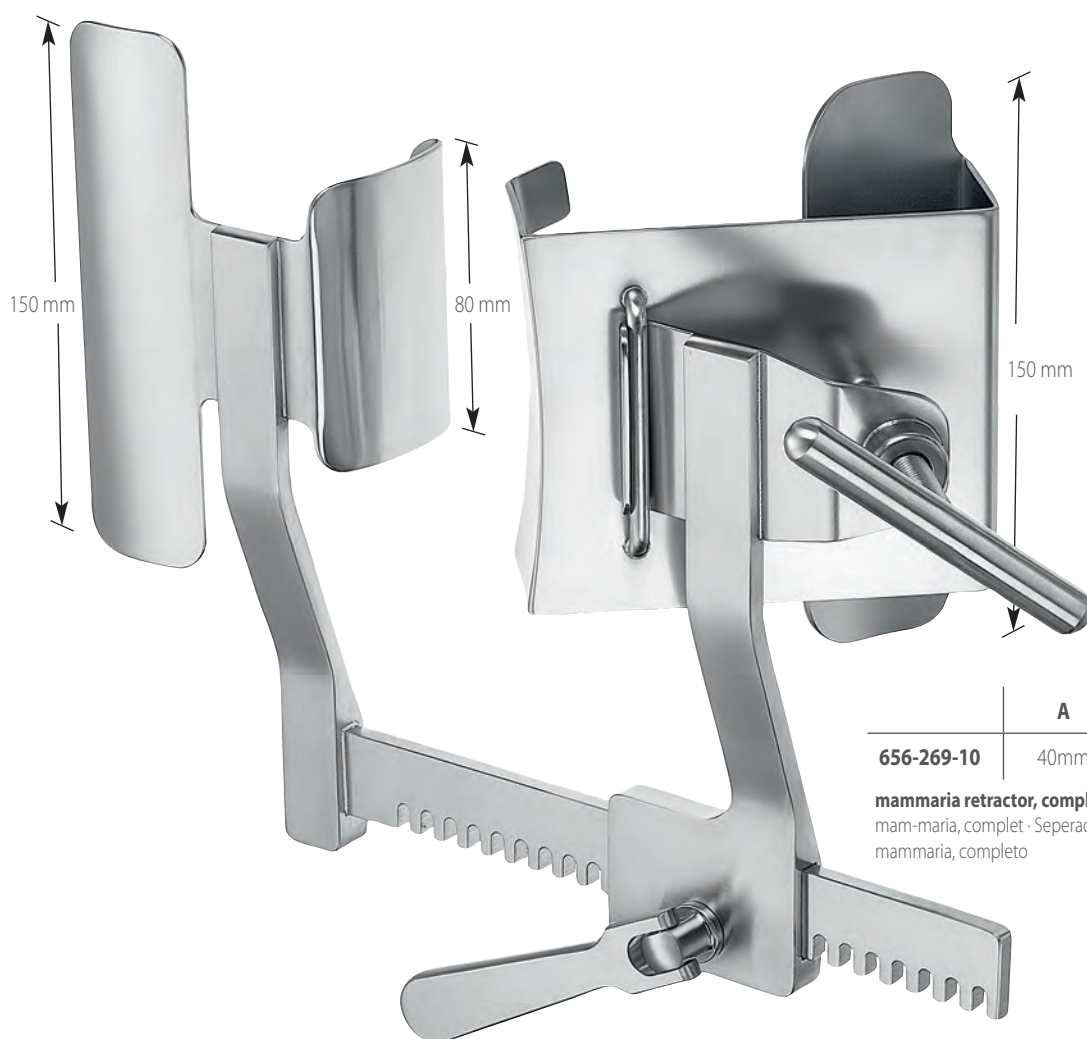
lames extra basses (6 pièces) ·

valvas extra profundas (6 piezas) ·

valve extra profonde (6 pezzi)



	A	B	C	D
656-278-00	20 mm	25 mm	105 mm	90 mm



	A	B	C
656-269-10	40mm	100 mm	110 mm

mammaria retractor, complete · Mammaria Sperrer, komplett · Écarteur à mam-maria, complet · Seperador mammaria, completo · Divaricatore per mammaria, completo

PROBES, DILATORS

SONDEN, DILATATOREN

SONDES, DILATATEURS

SONDAS, DILATADORES

SONDA, DILATATORI

PROBES, DILATORS

NABATOFF

220-150-00

Varicose vein probe set, complete, consisting of:

220-150-02	1 plastic probe tip
220-150-03	1 metal probe tip, $\varnothing$ 3 mm
220-150-06	1 metal olive, $\varnothing$ 6 mm
220-150-09	1 metal olive, $\varnothing$ 9 mm
220-150-12	1 metal olive, $\varnothing$ 12 mm
220-150-80	1 handle
220-150-90	1 flexible cable, 90 cm 1
220-150-99	1 oval metal case

Krampfader-Besteck, komplett, bestehend aus:

220-150-02	1 Kunststoff-Sondenspitze
220-150-03	1 Metall-Sondenspitze, $\varnothing$ 3 mm
220-150-06	1 Metallolive, $\varnothing$ 6 mm
220-150-09	1 Metallolive, $\varnothing$ 9 mm
220-150-12	1 Metallolive, $\varnothing$ 12 mm
220-150-80	1 Handgriff
220-150-90	1 Zugseil, 90 cm lang
220-150-99	1 ovales Metalletui

Trousse à varices, complète, composée de:

220-150-02	1 pointe plastique
220-150-03	1 pointe métallique, $\varnothing$ 3 mm
220-150-06	1 olive métallique, $\varnothing$ 6 mm
220-150-09	1 olive métallique, $\varnothing$ 9 mm
220-150-12	1 olive métallique, $\varnothing$ 12 mm
220-150-80	1 manche
220-150-90	1 cable tracteur, flexible, 90 cm
220-150-99	1 boîte métal, ovale

Juego para várices, completo, compuesto de:

220-150-02	1 punta de sonda de plástico
220-150-03	1 punta de sonda de metal, $\varnothing$ 3 mm
220-150-06	1 oliva de metal, $\varnothing$ 6 mm
220-150-09	1 oliva de metal, $\varnothing$ 9 mm
220-150-12	1 oliva de metal, $\varnothing$ 12 mm
220-150-80	1 mango
220-150-90	1 cable tracción, 90 cm
220-150-99	1 caja metálica oval

Astuccio per varici, completo, composto da:

220-150-02	1 punta in materia plastica
220-150-03	1 punta in materia metallo, $\varnothing$ 3 mm
220-150-06	1 oliva in materia metallo, $\varnothing$ 6 mm
220-150-09	1 oliva in materia metallo, $\varnothing$ 9 mm
220-150-12	1 oliva in materia metallo, $\varnothing$ 12 mm
220-150-80	1 manica
220-150-90	1 cavo di trazione, flessibile, 90 cm
220-150-99	1 scatola metallica ovale



90 cm/36"

220-150-90



NABATOFF

135 x 100 x 25 mm

220-150-00



220-150-02



$\varnothing$ 3 mm

220-150-03



$\varnothing$ 6 mm

220-150-06



$\varnothing$ 9 mm

220-150-09



$\varnothing$ 12 mm

220-150-12



220-150-80

VARADY

220-151-00

Varicose vein probe set, complete, consisting of:

220-151-03	1 metal olive, ø 3 mm
220-151-04	1 metal olive, ø 4 mm
220-151-05	1 metal olive, ø 5 mm
220-151-90	1 flexible cable, 45 cm/17½" long, polyethylene coating
220-151-99	1 oval metal case

Krampfader-Besteck, komplett, bestehend aus:

220-151-03	1 Metallolive, ø 3 mm
220-151-04	1 Metallolive, ø 4 mm
220-151-05	1 Metallolive, ø 5 mm
220-151-90	1 Zugseil, 45 cm lang, kunststoffummantelt
220-151-99	1 ovals Metalletui

Trousse à varices, complète, composée de:

220-151-03	1 olive métallique, ø 3 mm
220-151-04	1 olive métallique, ø 4 mm
220-151-05	1 olive métallique, ø 5 mm
220-151-90	1 cable tracteur, flexible, 45 cm, plastifié
220-151-99	1 boîte métal, ovale

Juego para várices, completo, compuesto de:

220-151-03	1 oliva de metal, ø 3 mm
220-151-04	1 oliva de metal, ø 4 mm
220-151-05	1 oliva de metal, ø 5 mm
220-151-90	1 cable traccion, 45 cm, recubierto de plástico
220-151-99	1 caja metálica oval

Astuccio per varici, completo, composto da:

220-151-03	1 oliva in materia metallo, ø 3 mm
220-151-04	1 oliva in materia metallo, ø 4 mm
220-151-05	1 oliva in materia metallo, ø 5 mm
220-151-90	1 cavo di trazione, flessibile, 45 cm, con rivestimento in plastica
220-151-99	1 scatola metallica ovale



VARADY

220-151-00



ø 3 mm

220-151-03



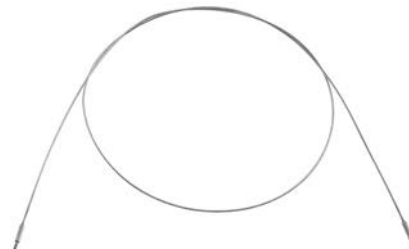
ø 4 mm

220-151-04



ø 5 mm

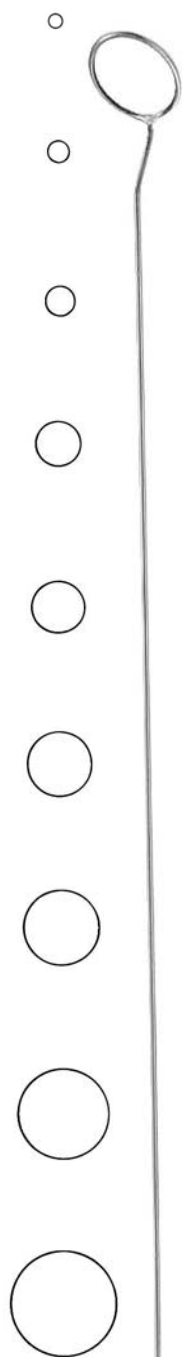
220-151-05



45 cm/17½"

220-151-90

PROBES, DILATORS



ø 2 mm	220-160-02
ø 3 mm	220-160-03
ø 4 mm	220-160-04
ø 6 mm	220-160-06
ø 7 mm	220-160-07
ø 8.5 mm	220-160-08
ø 10 mm	220-160-10
ø 12 mm	220-160-12
ø 14 mm	220-160-14

ø 14 mm

220-160-14

ø 14 mm

220-158-14

ø 2 mm	220-158-02
ø 3 mm	220-158-03
ø 4 mm	220-158-04
ø 6 mm	220-158-06
ø 7 mm	220-158-07
ø 8.5 mm	220-158-08
ø 10 mm	220-158-10
ø 12 mm	220-158-12
ø 14 mm	220-158-14



12 cm/4¼"

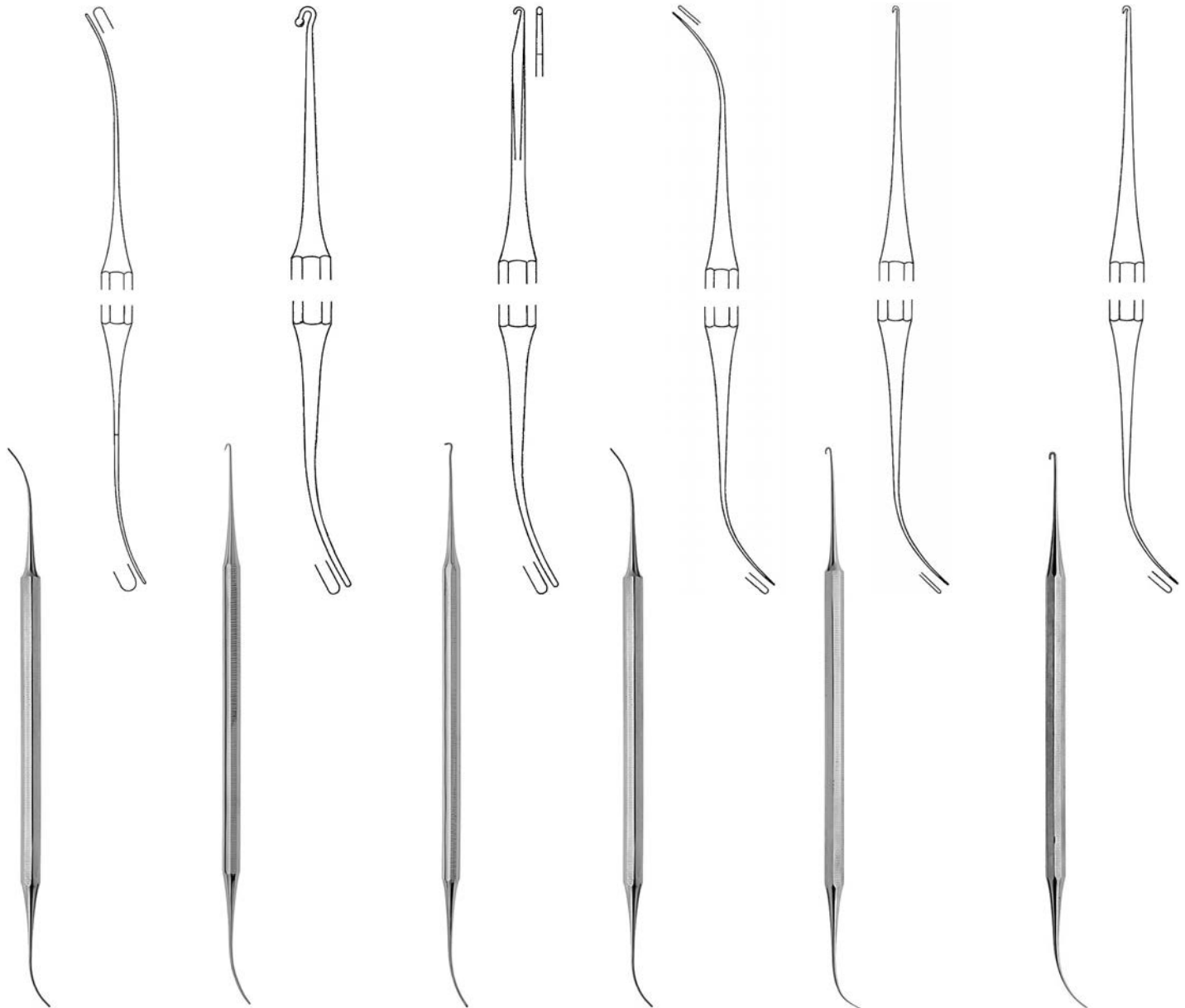
220-162-12**Handle for endarterectomy strippers**

Griff für Endarterektomie-Stripper

Manche pour désoblitérateurs pour endartérectomie

Mango para disectores para endarterectomía

Manico per disoblitori per endarterectomia



VARADY
18 cm/7"

220-167-01

Phlebodissector
Phlebodissektor
Phlebodissecteur
Flebodisector
Flebodisettore

VARADY
18 cm/7"

220-167-02

Phleboextractor
Phleboextraktor
Phleboextracteur
Fleboextractor
Fleboestrattore

VARADY
18 cm/7"

220-167-03

Phleboextractor
Phleboextraktor
Phleboextracteur
Fleboextractor
Fleboestrattore

VARADY
18 cm/7"

220-167-04

Micro Dissector
Mikro-Dissektor
Micro dissecteur
Micro disector
Micro-dissetto

VARADY
18 cm/7"

220-167-05

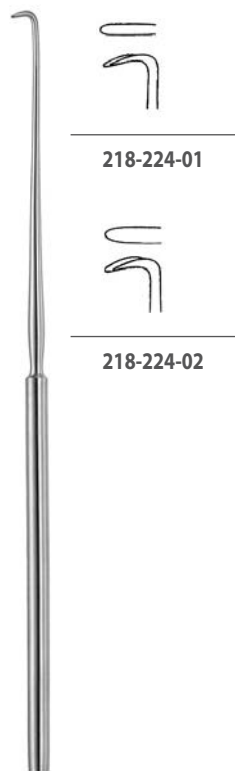
Micro-Phleboextractor
Mikro-Phleboextraktor
Micro-Phleboextracteur
Micro-Fleboextractor
Micro-Fleboestrattore

VARADY
18 cm/7"

220-167-06

Mini-Phleboextractor
Mini-Phleboextraktor
Mini-Phleboextracteur
Mini-Fleboextractor
Mini-Fleboestrattore

PROBES, DILATORS



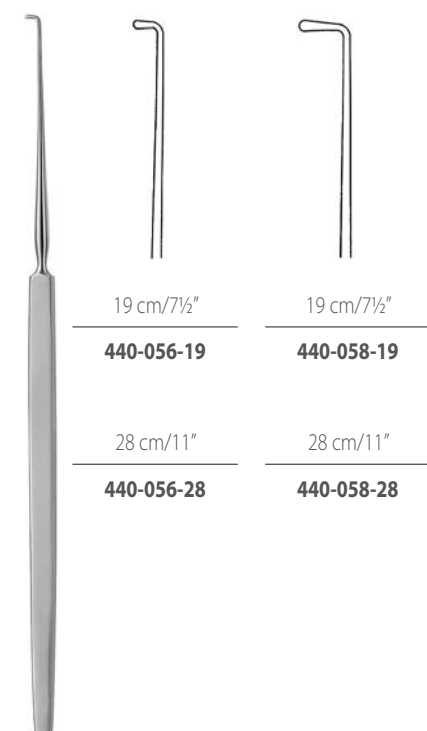
BROM
19 cm/7½"



CRILE
20 cm/8"
440-054-20



GILLIES
18 cm/7"



CUSHING

Septum elevators
 Septumelevatorium
 Éleveurs pour septum
 Elevadores para septo
 Elevatori per setto



HALLE
16 cm/6¼"
440-139-16



KILNER
14.5 cm/5¾"
874-103-15



KRAYENBÜHL
 19 cm/7½"



Fig. 1

440-065-01



Fig. 2

440-065-02



Fig. 3

440-065-03



Fig. 4

440-065-04



Vessel Spreader
 Gefäßspreizer
 Ecarteur pour vaisseaux
 Separador para vasos
 Divaricatore per vasi

BIEMER

16 cm/6¼"

440-066-10

Vessel Dilator
 Gefäßdilator
 Dilateurs vasculaires
 Dilatadores vasculares
 Dialtatori vascolari



Ø 0.5 mm
 12.5 cm/5"

440-066-16



Ø 1.0 mm
 12.5 cm/5"

440-066-17



Ø 1.5 mm
 12.5 cm/5"

440-066-18



JACOBSON
 18.5 cm/7¼"

440-066-19



JACOBSON
 18.5 cm/7¼"

440-066-20



19 cm/7½"

440-191-01



FISCH
 19 cm/7½"

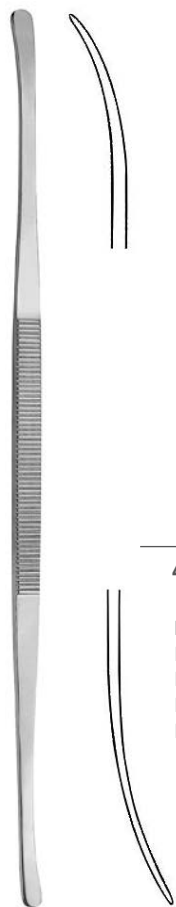
440-191-02



23 cm/9"

440-868-23

PROBES, DILATORS



TOENNIS
 25 cm/10"

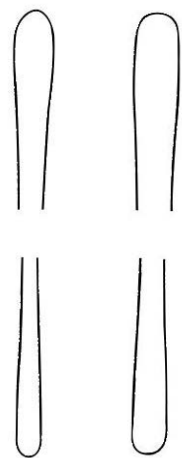


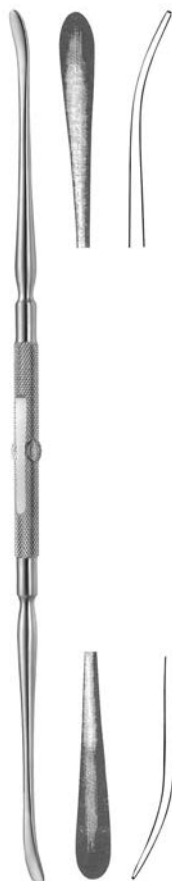
Fig. 1

Fig. 2

440-141-25 440-142-25

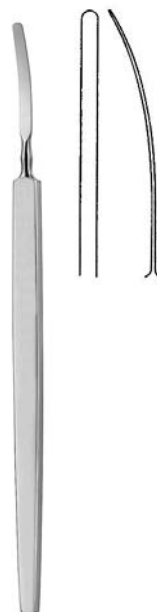
Dissectors

Dissektoren
 Dissecteurs
 Disecadores
 Dissettori



DAVIS
 24 cm/9½"

440-151-24



WECKER
 12.5 cm/5"

542-461-13



WECKER
 12.5 cm/5"

542-462-13



sharp / blunt
 scharf / stumpf
 pointu / mousse
 agudo / romo
 acuto / smusso

FREER
 18.5 cm/7¼"
546-415-18



sharp / sharp
 scharf / scharf
 pointu / pointu
 agudo / agudo
 acuto / acuto

FREER
 18.5 cm/7¼"
546-416-18



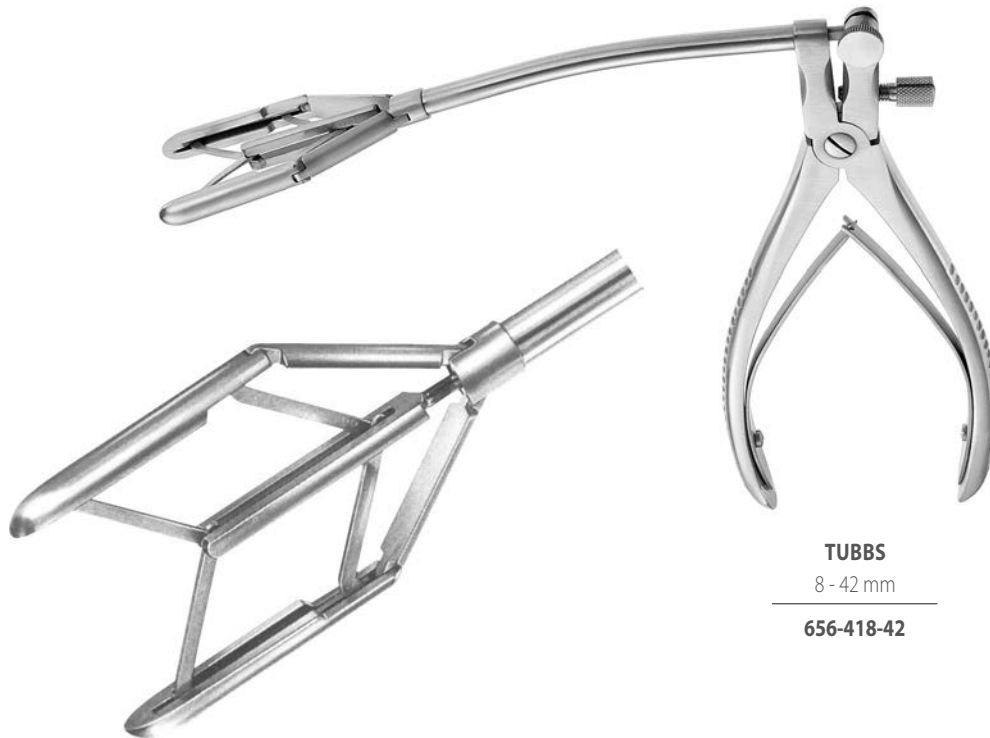
5 mm
blunt
 stumpf
 mousse
 romo
 smusso

FREER
 19 cm/7½"
546-417-19



6 mm
sharp
 scharf
 pointu
 agudo
 acuto

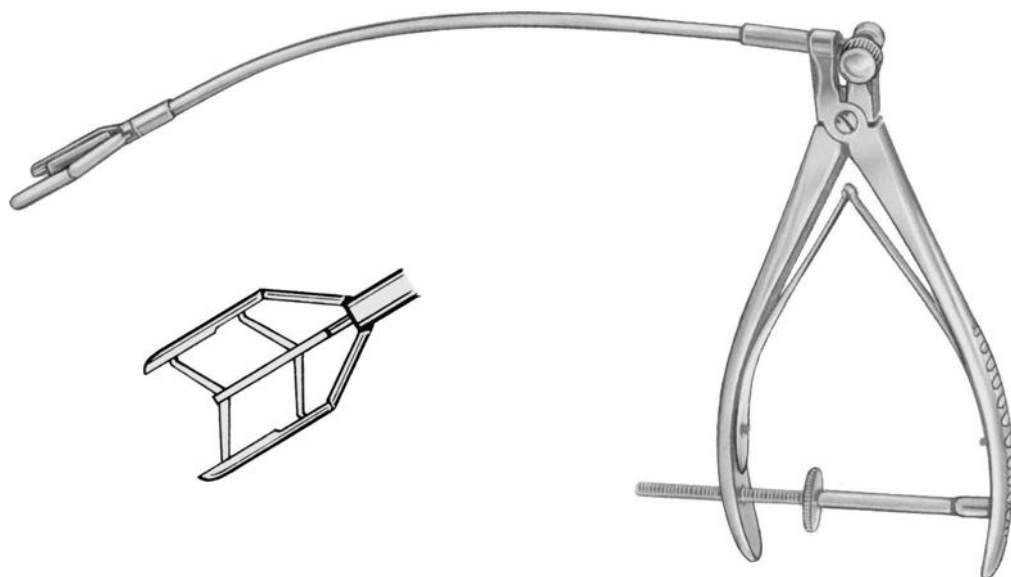
FREER
 19 cm/7½"
546-419-19



TUBBS

8 - 42 mm

656-418-42



COOLEY

8 - 15 mm

656-420-15

PROBES, DILATORS


RUMEL-BELMONT

33 cm/13"

ø 3.2 mm

656-430-32

ø 6.4 mm

656-430-34
flexible

flexibel

flexible

flexibles

flessibili



26 cm/10½"



1.5 mm

656-431-15


2.0 mm

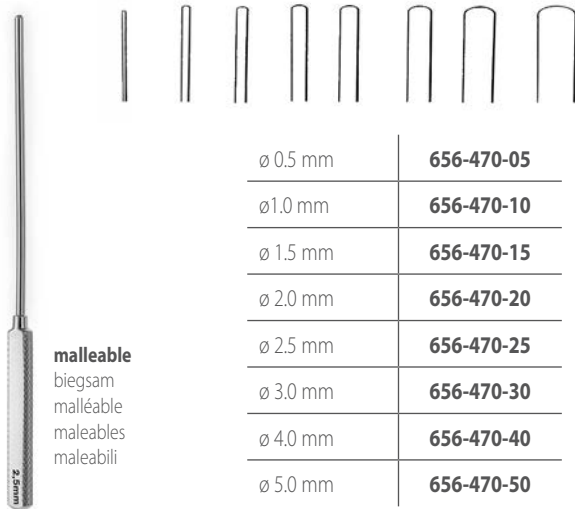
656-431-20


2.5 mm

656-431-25


3.0 mm

656-431-30

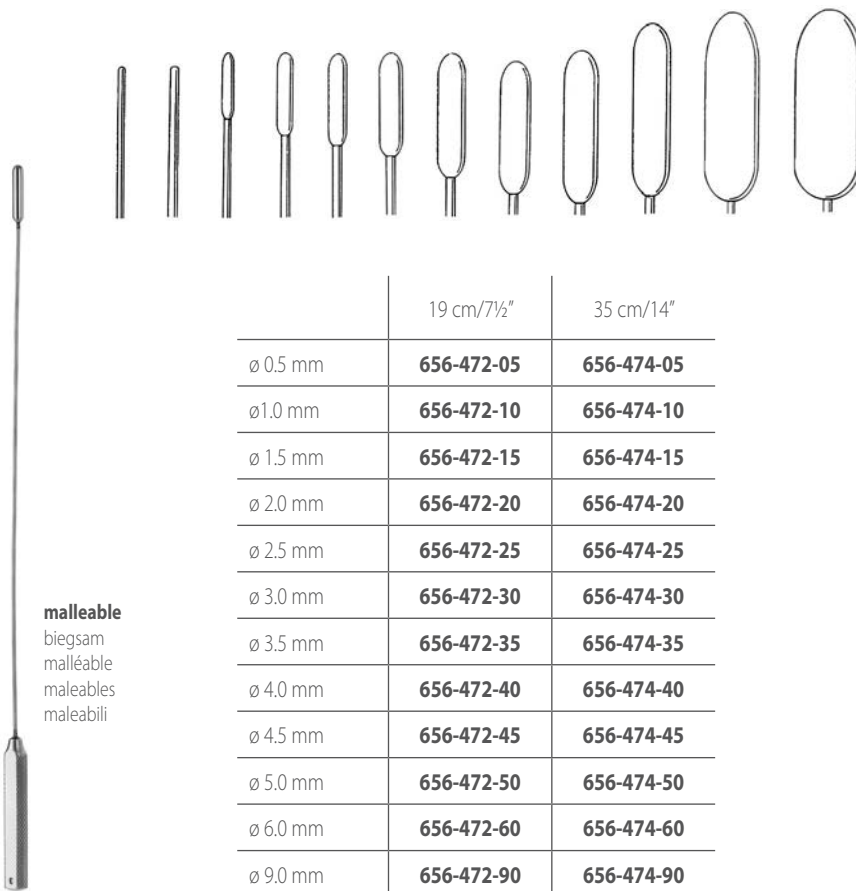


malleable
 biegsam
 malléable
 maleables
 maleabili

COOLEY

13 cm/5"

ø 0.5 mm	656-470-05
ø 1.0 mm	656-470-10
ø 1.5 mm	656-470-15
ø 2.0 mm	656-470-20
ø 2.5 mm	656-470-25
ø 3.0 mm	656-470-30
ø 4.0 mm	656-470-40
ø 5.0 mm	656-470-50



malleable
 biegsam
 malléable
 maleables
 maleabili

DE BAKEY

	19 cm/7½"	35 cm/14"
ø 0.5 mm	656-472-05	656-474-05
ø 1.0 mm	656-472-10	656-474-10
ø 1.5 mm	656-472-15	656-474-15
ø 2.0 mm	656-472-20	656-474-20
ø 2.5 mm	656-472-25	656-474-25
ø 3.0 mm	656-472-30	656-474-30
ø 3.5 mm	656-472-35	656-474-35
ø 4.0 mm	656-472-40	656-474-40
ø 4.5 mm	656-472-45	656-474-45
ø 5.0 mm	656-472-50	656-474-50
ø 6.0 mm	656-472-60	656-474-60
ø 9.0 mm	656-472-90	656-474-90

PROBES, DILATORS



malleable
biegsam
malléable
maleables
maleabili



GARRETT

	14 cm/5½"	21 cm/8¼"
ø1.0 mm	656-475-10	656-476-10
ø 1.5 mm	656-475-15	656-476-15
ø 2.0 mm	656-475-20	656-476-20
ø 2.5 mm	656-475-25	656-476-25
ø 3.0 mm	656-475-30	656-476-30
ø 3.5 mm	656-475-35	656-476-35
ø 4.0 mm	656-475-40	656-476-40
ø 4.5 mm	656-475-45	656-476-45
ø 5.0 mm	656-475-50	656-476-50

Set of 9 pieces from 1.0 - 5.0 mm

Satz mit 9 Stück von 1.0 - 5.0 mm

Jeu de 9 pièces de 1.0 - 5.0 mm

Juego de 9 piezas de 1.0 - 5.0 mm

Serie di 9 pezzi da 1.0 - 5.0 mm

14 cm/5½"

656-475-00

21 cm/8¼"

656-476-00**Dilator & instrument jars**

Standgefäße

Réceptient métallique

Recipientes metálicos

Recipienti metallici

	Ø x H
988-142-02	50 x 100 mm
988-142-03	50 x 130 mm
988-142-04	50 x 175 mm

malleable

biegsam

malléable

maleables

maleabili



ø 15 mm

DE BAKEY

50 cm/20"

656-500-00



HEGAR

1 mm	770-410-01
2 mm	770-410-02
3 mm	770-410-03
4 mm	770-410-04
5 mm	770-410-05
6 mm	770-410-06
7 mm	770-410-07
8 mm	770-410-08
9 mm	770-410-09
10 mm	770-410-10
11 mm	770-410-11
12 mm	770-410-12
13 mm	770-410-13
14 mm	770-410-14
15 mm	770-410-15
16 mm	770-410-16
17 mm	770-410-17
18 mm	770-410-18
19 mm	770-410-19

20 mm	770-410-20
21 mm	770-410-21
22 mm	770-410-22
23 mm	770-410-23
24 mm	770-410-24
25 mm	770-410-25
26 mm	770-410-26
27 mm	770-410-27
28 mm	770-410-28
29 mm	770-410-29
30 mm	770-410-30

1.5 mm	770-415-01
2.5 mm	770-415-02
3.5 mm	770-415-03
4.5 mm	770-415-04
5.5 mm	770-415-05
6.5 mm	770-415-06
7.5 mm	770-415-07
8.5 mm	770-415-08
9.5 mm	770-415-09
10.5 mm	770-415-10
11.5 mm	770-415-11
12.5 mm	770-415-12
13.5 mm	770-415-13
14.5 mm	770-415-14
15.5 mm	770-415-15
16.5 mm	770-415-16
17.5 mm	770-415-17
18.5 mm	770-415-18
19.5 mm	770-415-19

HEGAR

770-404-14

Set of 14 pieces (full sizes)
from 4.0 - 17.0 mm without case

Satz mit 14 Stück (ganze Größen)
von 4.0 - 17.0 mm ohne Etui

Jeu de 14 pièces (tailles entières)
de 4.0 - 17.0 mm sans boîte

Juego de 14 piezas (tamaños enteros)
de 4.0 - 17.0 mm sin caja

Serie di 14 pezzi (grandezza intera)
da 4.0 - 17.0 mm senza scatola

HEGAR

770-404-26

Set of 26 pieces (full sizes)
from 1.0 - 26.0 mm without case

Satz mit 26 Stück (ganze Größen)
von 1.0 - 26.0 mm ohne Etui

Jeu de 26 pièces (tailles entières)
de 1.0 - 26.0 mm sans boîte

Juego de 26 piezas (tamaños enteros)
de 1.0 - 26.0 mm sin caja

Serie di 26 pezzi (grandezza intera)
da 1.0 - 26.0 mm senza scatola

PROBES, DILATORS



HEGAR

1/2	770-420-01
3/4	770-420-03
5/6	770-420-05
7/8	770-420-07
9/10	770-420-09
11/12	770-420-11
13/14	770-420-13
15/16	770-420-15
17/18	770-420-17
19/20	770-420-19
21/22	770-420-21
23/24	770-420-23
25/26	770-420-25

HEGAR

770-424-08

**Set of 8 pieces from
3.0 / 4.0 - 17.0 / 18.0 mm without case**

Satz mit 8 Stück von
3.0 / 4.0 - 17.0 / 18.0 mm ohne Etui

Jeu de 8 pièces de
3.0 / 4.0 - 17.0 / 18.0 mm sans boîte

Juego de 8 piezas de
3.0 / 4.0 - 17.0 / 18.0 mm sin caja

Serie di 8 pezzi da
3.0 / 4.0 - 17.0 / 18.0 mm senza scatola

HEGAR

770-424-13

**Set of 13 pieces from
1.0 / 2.0 - 25.0 / 26.0 mm without case**

Satz mit 13 Stück von
1.0 / 2.0 - 25.0 / 26.0 mm ohne Etui

Jeu de 13 pièces de
1.0 / 2.0 - 25.0 / 26.0 mm sans boîte

Juego de 13 piezas de
1.0 / 2.0 - 25.0 / 26.0 mm sin caja

Serie di 13 pezzi da
1.0 / 2.0 - 25.0 / 26.0 mm senza scatola

656-502-00

Set complete with

2 x 656-502-01	universal handle 125mm
1 x 656-502-05	shaft curved 225 mm
1 x 656-502-06	shaft straight 225 mm
1 x 656-502-11	shaft curved 540 mm
2 x 656-502-55	screw olive Ø 5 mm
2 x 656-502-56	screw olive Ø 6 mm
2 x 656-502-57	screw olive Ø 7 mm
2 x 656-502-58	screw olive Ø 8 mm
2 x 656-502-60	screw olive Ø 10 mm
2 x 656-502-62	screw olive Ø 12 mm
1 x 656-502-65	vein tip
1 x 656-502-70	Luer adaptor

Satz komplett mit

2 x 656-502-01	Griff Universal 125mm
1 x 656-502-05	Schaft gebogen 225 mm
1 x 656-502-06	Schaft gerade 225 mm
1 x 656-502-11	Schaft gebogen 540 mm
2 x 656-502-55	Schraubolive Ø 5 mm
2 x 656-502-56	Schraubolive Ø 6 mm
2 x 656-502-57	Schraubolive Ø 7 mm
2 x 656-502-58	Schraubolive Ø 8 mm
2 x 656-502-60	Schraubolive Ø 10 mm
2 x 656-502-62	Schraubolive Ø 12 mm
1 x 656-502-65	Venen-Aufsatz
1 x 656-502-70	Luer Adapter

Jeu complet avec

2 x 656-502-01	manche universel 125mm
1 x 656-502-05	tige courbe 225 mm
1 x 656-502-06	tige droit 225 mm
1 x 656-502-11	tige courbe 540 mm
2 x 656-502-55	olive Ø 5 mm
2 x 656-502-56	olive Ø 6 mm
2 x 656-502-57	olive Ø 7 mm
2 x 656-502-58	olive Ø 8 mm
2 x 656-502-60	olive Ø 10 mm
2 x 656-502-62	olive Ø 12 mm
1 x 656-502-65	pointe à veines
1 x 656-502-70	raccord Luer

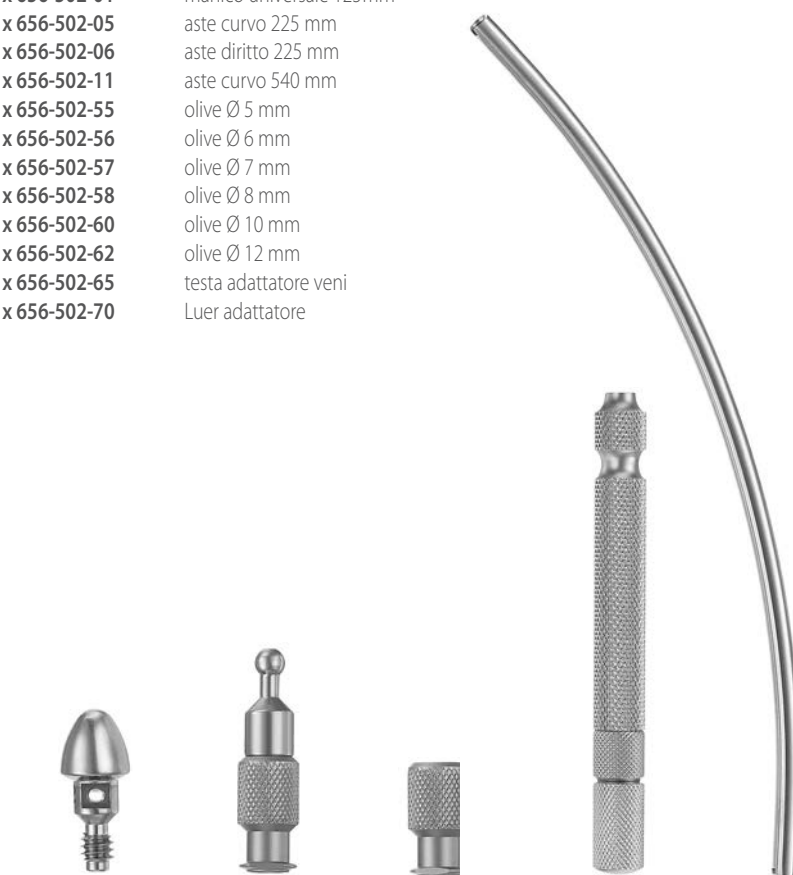
Juego completo con

2 x 656-502-01	mango universal 125mm
1 x 656-502-05	vastago curvo 225 mm
1 x 656-502-06	vastago recto 225 mm
1 x 656-502-11	vastago curvo 540 mm
2 x 656-502-55	oliva Ø 5 mm
2 x 656-502-56	oliva Ø 6 mm
2 x 656-502-57	oliva Ø 7 mm
2 x 656-502-58	oliva Ø 8 mm
2 x 656-502-60	oliva Ø 10 mm
2 x 656-502-62	oliva Ø 12 mm
1 x 656-502-65	cono para venas
1 x 656-502-70	cabeza adaptador Luer

56.502-00

Serie completo con

2 x 656-502-01	manico universale 125mm
1 x 656-502-05	aste curvo 225 mm
1 x 656-502-06	aste diritto 225 mm
1 x 656-502-11	aste curvo 540 mm
2 x 656-502-55	olive Ø 5 mm
2 x 656-502-56	olive Ø 6 mm
2 x 656-502-57	olive Ø 7 mm
2 x 656-502-58	olive Ø 8 mm
2 x 656-502-60	olive Ø 10 mm
2 x 656-502-62	olive Ø 12 mm
1 x 656-502-65	testa adattatore veni
1 x 656-502-70	Luer adattatore



656-502-55

656-502-65

656-502-70

656-502-01

656-502-05

656-502-62

656-502-06

PROBES, DILATORS



ROBB
24 cm/10"

5.0 mm



4.0 mm



3.0 mm



2.0 mm



blunt
 stumpf
 mousse
 romo
 smusso



18.5 cm/7"

656-505-18

21.5 cm/8½"

656-505-21

2.5 mm

656-509-01

2.0 mm

656-509-02

1.5 mm

656-509-03

1.0 mm

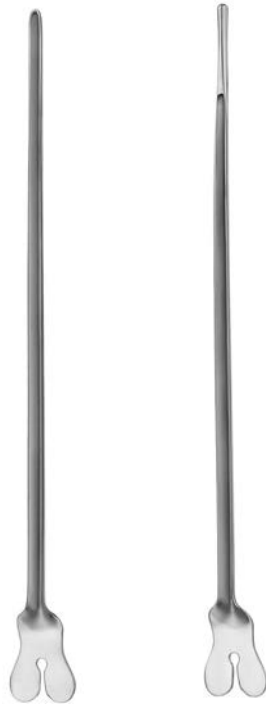
656-509-04

14 cm/5½"

656-507-14

23.5 cm/9"

656-507-24



11.5 cm/4½"	220-110-11	
13 cm/5"	220-110-13	220-112-13
14cm/5½"	220-111-14	220-112-14
14.5 cm/5¾"	220-110-14	
16 cm/6¼"	220-110-16	
18 cm/7"	220-110-18	220-112-18
30 cm/12"	220-110-20	



Fig. 1

LOCKHART- MUMMERY
16 cm/6¼"
768-250-01



Fig. 2

LOCKHART- MUMMERY
16 cm/6¼"
768-250-02



Fig. 3

LOCKHART- MUMMERY
16 cm/6¼"
768-250-03



Fig. 4

LOCKHART- MUMMERY
16 cm/6¼"
768-250-04

VASCULAR AND THORACIC SURGERY

GEFÄß- UND THORAXCHIRURGIE

CHIRURGIE VASCULAIRE ET THORACIQUE

CIRUGÍA VASCULAR Y TORÁCICA

CHIRURGIA VASCOLARE E TORACICA



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VASCULAR AND THORACIC SURGERY

As of: May 16, 2025

Revision 1.0

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