dimeda®
SURGICAL INSTRUMENTS



MIKROCHIRURGIE

MICROSURGERY
MICROCHIRURGIE
MICROCIRUGÍA
MICROCHIRURGIA





[DAS UNTERNEHMEN]

„Mit unseren Instrumenten wird nicht gespielt, sie retten Leben.“

„Our instruments are not to play, they save lifes.“

[DEUTSCH]

Seit 1976 sind wir erfolgreich in der Medizinbranche tätig. Wir bieten ein komplettes Programm chirurgischer Instrumente an. Im Mittelpunkt aller Maßnahmen und Aktivitäten unseres Hauses steht der Kunde. Seine Wünsche, Ansprüche und Anforderungen sind für uns eine tägliche Herausforderung. Deshalb ist absolute Kundenorientierung für uns oberstes Prinzip. Sie prägt unsere Geschäftspolitik und ist jederzeit Ansporn für das Handeln und Denken unserer Mitarbeiter. Daher sind wir stets für morgen gerüstet. Unser Qualitätsmanagement ist ein essentieller Bestandteil unserer langfristigen Unternehmensstrategie, in die jeder einzelne Mitarbeiter eingebunden ist und die von einem Wir-Gefühl getragen wird. Unabhängig vom jeweiligen Arbeitsplatz, fühlt sich jeder DIMEDA-Mitarbeiter für die Einhaltung der Qualität verantwortlich.

Wir verfügen über modernste Logistik. Unser umfassendes Lager garantiert schnelle Lieferzeiten. Sollten Artikel nicht lagermäßig vorrätig sein, so können diese durch einen speziellen Service kurzfristig zur Verfügung gestellt und versendet werden. Alle Instrumente und Geräte aus unserem Sortiment werden von geschulten und erfahrenen Fachkräften mit handwerklichem Geschick unter Einsatz modernster Maschinen und Anlagen hergestellt. Dabei kommen ausnahmslos Materialien zum Einsatz, die unseren besonders hohen Qualitätsstandards genügen. Unsere Produktpalette mit mehr als 23.000 verschiedenen Standardinstrumenten für die Human-, Dental und Veterinärmedizin wird durch die enge Zusammenarbeit mit unseren Kunden, Ärzten und Wissenschaftlern im In- und Ausland ständig erweitert und nach dem neuesten Stand der Technik optimiert.

[ENGLISH]

Since 1976 we have been working successfully in the medical field. The focus of all our measures and activities is the customer. His wishes, demands and requirements are a daily challenge for us. Therefore, customer service is our top priority. It effects our business policy and is a permanent task for every member of our team. For this reason we are prepared for the future at any time. Our Quality Management is an essential component in our long-term company strategy in which every single employee is involved and which is supported by a common feeling. Every DIMEDA employee feels himself responsible for observance of quality no matter in which department he is working.

Our extensive warehouse guarantees quick delivery times. Articles which are not available ex stock can be supplied in a short time due to a special service. All instruments and devices of our product range are manufactured by well-trained and experienced skilled workers with special craftsmanship and by use of most modern machines and equipment. We only use materials which meet our high quality standards. Our product range with more than 23,000 different standard instruments for Human, Dental and Veterinary medical applications is permanently increased and optimized as per the state of the art by the close cooperation of our domestic and foreign customers, physicians and scientists.

[LOGISTIK]

„Einmal um die ganze Welt“

„All around the world.“

[DEUTSCH]

Seit 40 Jahren nutzen Ärzte weltweit unsere chirurgischen Instrumente. Es gibt kaum ein Land, in dem wir nicht vertreten sind. Von unserem Lager bis zu ihrem Bestimmungsort hat unsere Ware oft einen langen Weg hinter sich. Wir setzen logistisch alles daran, dass Ihre Bestellung rechtzeitig und zu Ihrer Zufriedenheit eintrifft.

[ENGLISH]

Since 40 years physicians and surgeons all over the world are using our surgical instruments. There is hardly a country where we do not have a distributor.









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01

DIAGNOSTIK

DIAGNOSTICS

DIAGNOSTIC

DIAGNÓSTICO

DIAGNOSTICA

Dynamometer, mit Einteilung in Kilo
Dynamometer, graduated in kg
Dynamometre, divisé en kilos
Dinamometro, graduado en kg
Dinamometro, graduato in kg



COLLIN
02.140.01
12,5 cm/5”

für Erwachsene
for adults
pour adultes
para adultos
per adulti



COLLIN
02.140.02
10 cm/4”

für Kinder
for children
pour enfants
para niños
per bambini



02.288.29

Ersatzgummi, grau
Spare rubber, grey
Caoutchouc, gris, seule
Caucho, gris, suelto
Gomma, grigia, solo

02.288.30

Ersatzgummi, rot
Spare rubber, red
Caoutchouc, rouge, seule
Caucho, rojo, suelto
Gomma, rossa, solo

TAYLOR

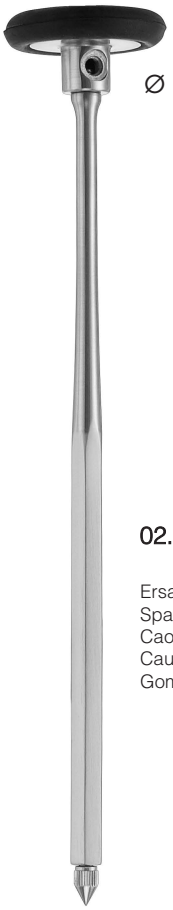
17 cm/6¾”	**02.288.17**
20 cm/8”	**02.288.20**



02.290.99

Ersatzgummi
Spare rubber
Caoutchouc, seule
Caucho, suelto
Gomma, solo

TRAUBE
02.290.16
16 cm/6¼”



Ø 40 mm

02.292.99

Ersatzgummi
Spare rubber
Caoutchouc, seule
Caucho, suelto
Gomma, solo

BABINSKY
02.292.22
22 cm/8¾”



02.294.99

Ersatzgummi
Spare rubber
Caoutchouc, seule
Caucho, suelto
Gomma, solo

TROEMNER
02.294.24
24 cm/9½”



Ø 40 mm

RABINER
02.296.23
23 cm/9”



DEJERINE
02.302.20
20 cm/8”



DEJERINE
02.304.20
21 cm/8¼”

02.304.99

Ersatzgummi für **02.302.20, 02.304.20**
Spare rubber for **02.302.20, 02.304.20**
Caoutchouc seule pour **02.302.20, 02.304.20**
Caucho suelto para **02.302.20, 02.304.20**
Gomma solo per **02.302.20, 02.304.20**

mit Nadel
with needle
avec aiguille
con aguja
con ago



BERLINER

17 cm/6¾”	**02.306.17**
20 cm/8”	**02.306.20**



BUCK
02.308.18
18 cm/7”

02.308.97

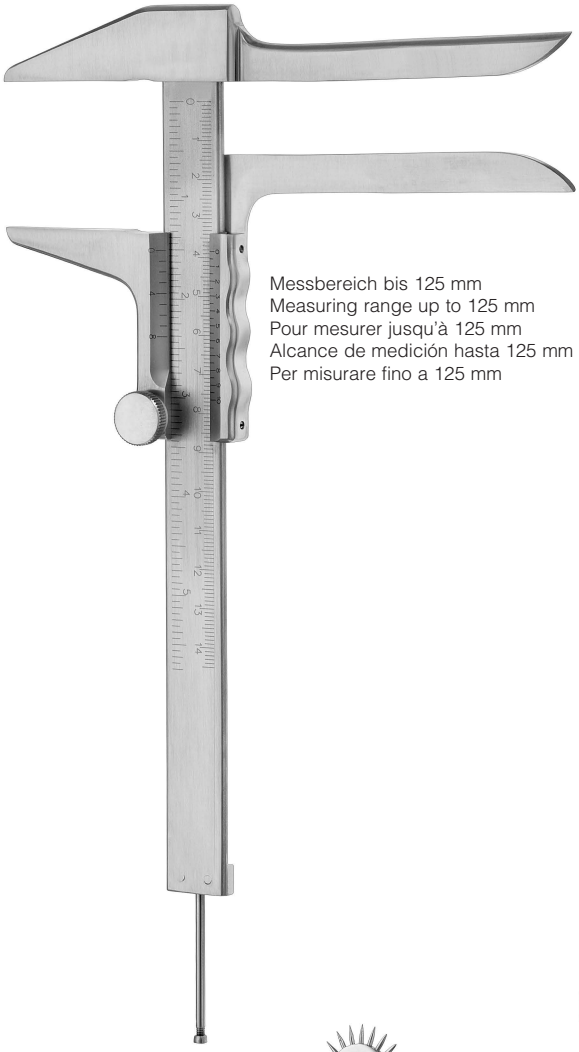
Pinsel allein
Brush only
Pinceau seule
Pincel suelto
Pennello solo

02.308.98

Nadel allein
Needle only
Aiguille seule
Aguja suelta
Ago solo

02.308.99

Ersatzgummi Satz
Spare rubber set
Caoutchouc jeu seule
Caucho set suelto
Gomma set solo



Messbereich bis 125 mm
Measuring range up to 125 mm
Pour mesurer jusqu'à 125 mm
Alcance de medición hasta 125 mm
Per misurare fino a 125 mm

02.318.00

Aesthesiometer
Aesthesiometer
Estésiomètre
Estesiómetro
Estesiometro



WEBER
02.320.09
9 cm/3½"





Nadelrad
Pinwheel
Algesimetre
Rueda de espigas
Algesimetro

WARTENBERG
02.320.19
19 cm/7¼"



Stimmgabel
Tuning fork
Diapason
Diapason
Diapason

44.075.00

mit Hammer, Nadelrad, Pinsel u. Nadel
with hammer, pinwheel, brush and needle
avec marteaux, roue aux épingles, brosset et aiguille
con martillo, rueda con espinas, cepillo y aguja
con martello, algesimetro, spazzola ed ago

Einteilung in mm und Zoll
Graduated in mm and inches
Divisé en mm et pouces
Graduado en mm y pulgadas
Diviso in millimetri e pollici

10 cm/4"	**02.340.10**
15 cm/6"	**02.340.15**
20 cm/8"	**02.340.20**
25 cm/9¾"	**02.340.25**
30 cm/12"	**02.340.30**
40 cm/16"	**02.340.40**
50 cm/20"	**02.340.50**

02

SKALPELLE, MESSER
SCALPELS, KNIVES
BISTOURIS, COUTEAUX
BISTURÍS, CUCHILLOS
BISTURI, COLTELLI

Fig. 3

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

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

Manches pour 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

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

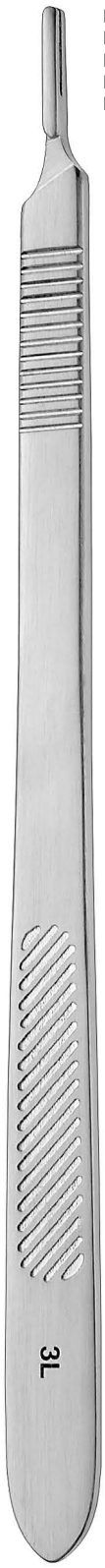


06.103.00
12 cm/4¾”
Fig. 3



06.103.01
12 cm/4¾”
No. 3

lang
long
long
largo
lungo



06.103.02
21,5 cm/8½”
Fig. 3 L



06.103.06
21 cm/8¼”
Fig. 3 L

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

rund
round
rond
redondo
rotondo



06.103.03
14,5 cm/5¾”
Fig. 3 R

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



06.103.33
14 cm/5½”
Fig. 3 R

Fig. 3

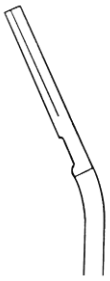
Skalpellgriffe, passend für auswechselbare Skalpellklingen
Fig. 10, 11, 12, 13, 15

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

Manches pour 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



abgewinkelt
angled
coudé
angulado
angolare



06.105.00
16 cm/6¼”
No. 5



06.106.00
21,5 cm/8½”
No. 5



06.106.01
21 cm/8¼”
No. 5

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

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

Manches pour 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

lang
long
long
largo
lungo



06.107.00
16 cm/6¼”
Fig. 7

kurz
short
court
corto
corto



06.107.01
12,5 cm/5”
Fig. 7 K



06.107.02
22 cm/8¾”
Fig. 7 L



06.109.00
21 cm/8¼”

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

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

Manches pour 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



06.104.00
13,5 cm/5¼”
Fig. 4

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



06.104.01
13,5 cm/5¼”
Fig. 4

lang
long
long
largo
lungo



06.104.02
21 cm/8¼”
Fig. 4 L

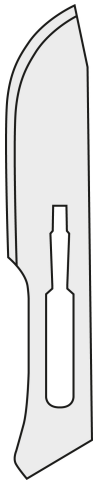
abgewinkelt, lang
angled, long
coudé, long
angulado, largo
angolare, lungo



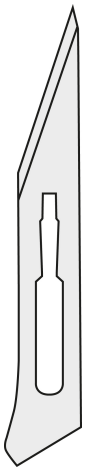
06.104.06
21 cm/8¼”
Fig. 4 L

Fig. 3

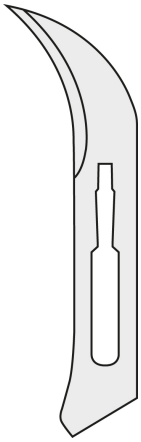
für Skalpellgriff Fig. 3
for scalpel handle fig. 3
pour manche de bistouris fig. 3
para mango de bisturís fig. 3
per manico per bisturi fig. 3



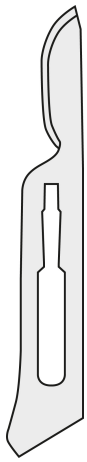
06.110.00
Fig. 10



06.111.00
Fig. 11



06.112.00
Fig. 12



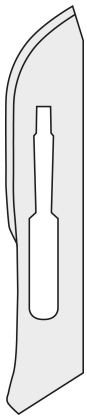
06.115.00
Fig. 15

in Packungen à 100 Stück
in packages of 100 pieces
en boîtes de 100 pièces
en cajas de 100 piezas
in scatole di 100 pezzi

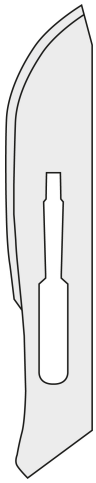


Fig. 4

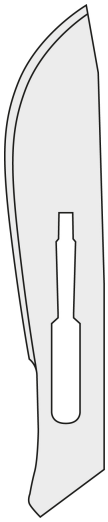
für Skalpellgriff Fig. 4
for scalpel handle fig. 4
pour manche de bistouris fig. 4
para mango de bisturís fig. 4
per manico per bisturi fig. 4



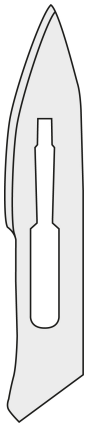
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Fig. 20



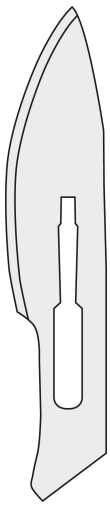
06.121.00
Fig. 21



06.122.00
Fig. 22

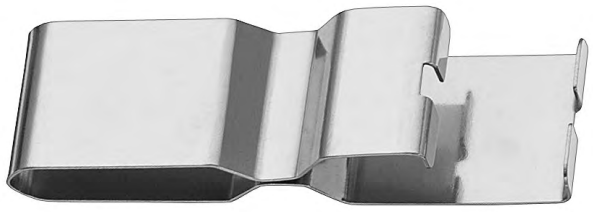


06.123.00
Fig. 23



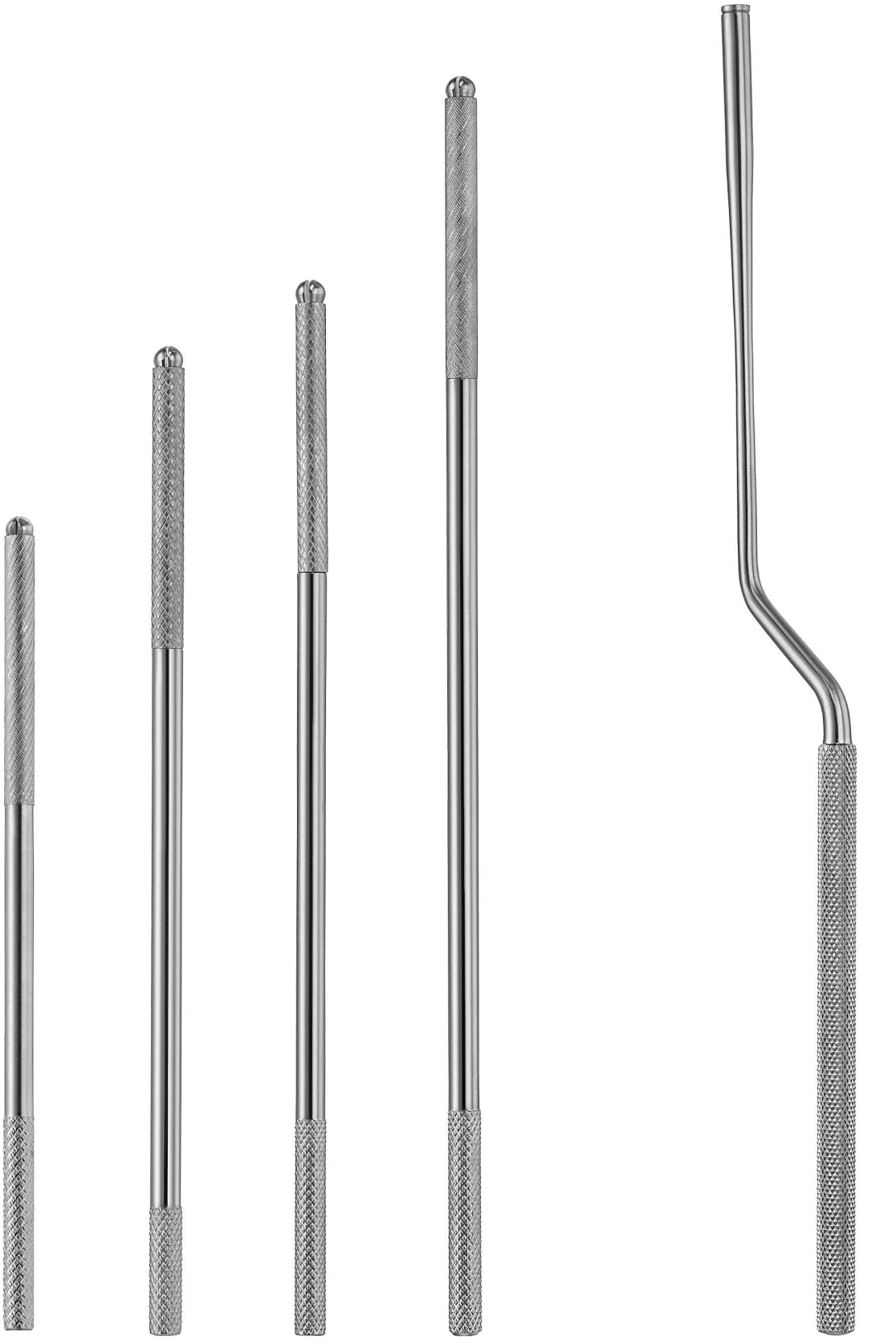
06.124.00
Fig. 24

Skalpellklingen-Entferner
Scalpel blade remover
Enlève-lame
Quita hojas
Distributore lame



06.199.00

Mikro Skalpellgriffe
Micro scalpel handles
Micro manches pour bistouris
Micro mangos de bisturí
Micro manici per bisturi



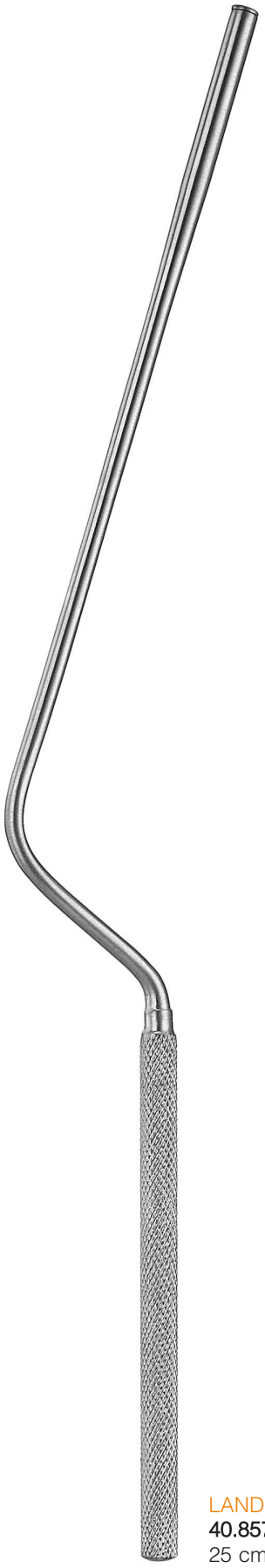
06.302.13
13,5 cm/5¼”

06.304.15
15,5 cm/6”

CASPAR
06.306.18
18 cm/7”

06.308.20
20 cm/8”

LANDOLT
40.858.21
21 cm/8¼”



LANDOLT
40.857.25
25 cm/10”

in Packungen à 10 Stück, steril
in packages of 10 pieces, sterile
en boîtes de 10 pièces, stériles
en cajas de 10 piezas, estériles
in scatole di 10 pezzi, sterili



40.859.01
Fig. 61



40.859.02
Fig. 62



40.859.04
Fig. 64



40.859.05
Fig. 65



40.859.07
Fig. 67



40.859.09
Fig. 69

Rasierklingen brechbar, Packung mit 10 Stück
Razor blades breakable, package with 10 pieces
Lames de rasoir cassable, boîte de 10 pièces
Hojas de afeitar rompeable, paquete con 10 piezas
Lamette da rasoio rompibile, scatola di 10 pezzi



06.296.00



TROUTMAN-CHRIS
06.290.09
9 cm/3½”

Griffdurchmesser
Handle diameter
Diamètre du manche
Diámetro del mango
Diametro di manico
5,5 mm



TROUTMAN-CHRIS
06.291.09
9 cm/3½”

Griffdurchmesser
Handle diameter
Diamètre du manche
Diámetro del mango
Diametro di manico
5,5 mm



DIMEDA
06.291.11
11 cm/4¼”



CASTROVIEJO
06.292.18
18 cm/7”



CASTROVIEJO
06.294.13
13 cm/5”

Griffdurchmesser
Handle diameter
Diamètre du manche
Diámetro del mango
Diametro di manico
8 mm



DIEFFENBACH
13 cm/5”



06.404.01
Fig. 1



06.404.02
Fig. 2



06.404.03
Fig. 3



06.404.07
Fig. 7



06.404.08
Fig. 8



06.404.09
Fig. 9



PARKER
14 cm/5½”



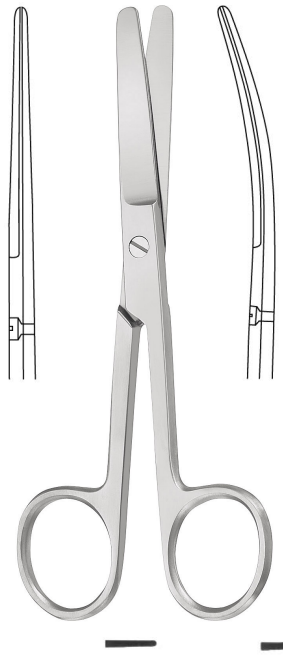
06.408.01
Fig. 1



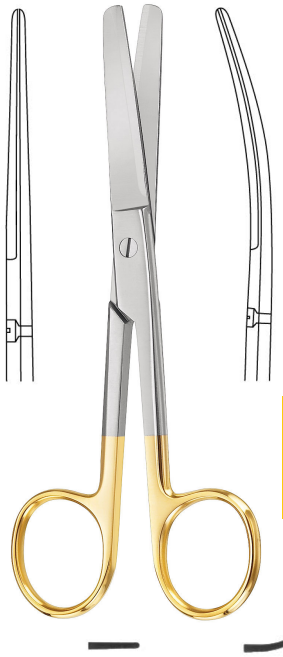
06.408.02
Fig. 2

03

SCHEREN
SCISSORS
CISEAUX
TIJERAS
FORBICI



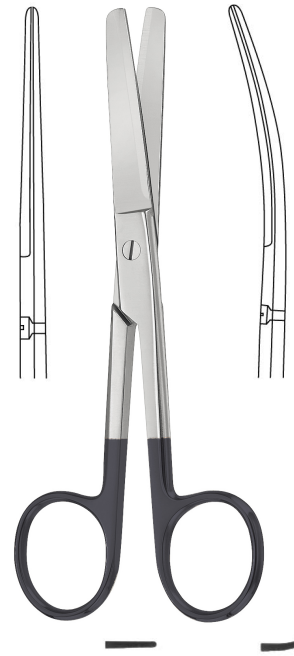
10,5 cm/4¼”	08.102.10	08.103.10
11,5 cm/4½”	08.102.11	08.103.11
13 cm/5”	08.102.13	08.103.13
14,5 cm/5¾”	08.102.14	08.103.14
15,5 cm/6¼”	08.102.15	08.103.15
16,5 cm/6½”	08.102.16	08.103.16
18,5 cm/7¼”	08.102.18	08.103.18
20 cm/8”	08.102.20	08.103.20



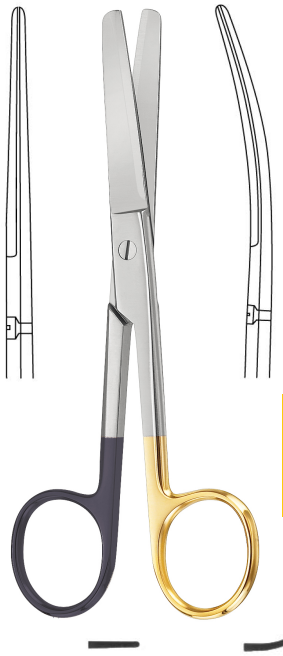
TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

14,5 cm/5¾”	08.104.14	08.105.14
16,5 cm/6½”	08.104.16	08.105.16
18,5 cm/7¼”	08.104.18	08.105.18

SUPERCUT

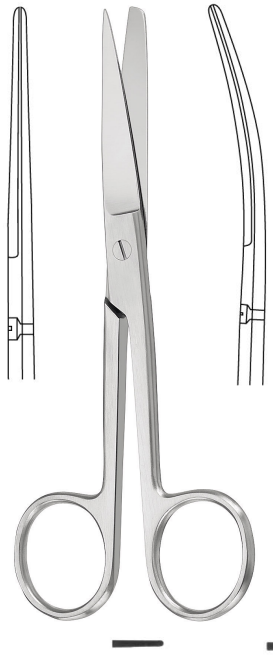


10,5 cm/4¼”	07.102.10	07.103.10
11,5 cm/4½”	07.102.11	07.103.11
13 cm/5”	07.102.13	07.103.13
14,5 cm/5¾”	07.102.14	07.103.14
15,5 cm/6¼”	07.102.15	07.103.15
16,5 cm/6½”	07.102.16	07.103.16
18,5 cm/7¼”	07.102.18	07.103.18
20 cm/8”	07.102.20	07.103.20

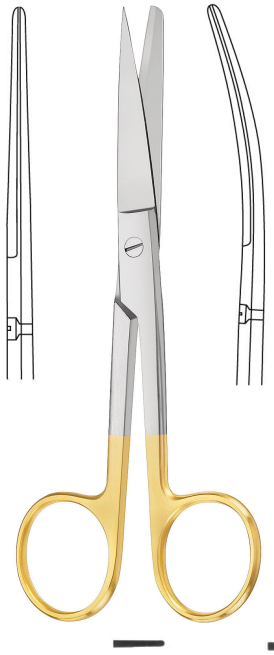


TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

14,5 cm/5¾”	07.104.14	07.105.14
16,5 cm/6½”	07.104.16	07.105.16



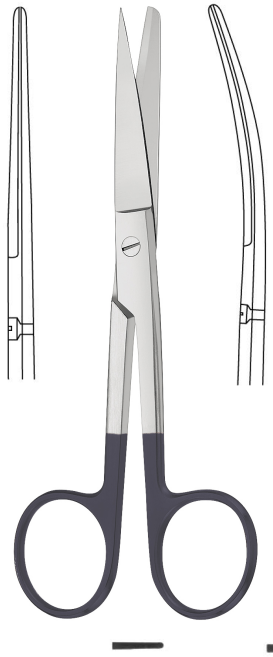
10,5 cm/4¼”	08.110.10	08.111.10
11,5 cm/4½”	08.110.11	08.111.11
13 cm/5”	08.110.13	08.111.13
14,5 cm/5¾”	08.110.14	08.111.14
15,5 cm/6¼”	08.110.15	08.111.15
16,5 cm/6½”	08.110.16	08.111.16
18,5 cm/7¼”	08.110.18	08.111.18
20 cm/8”	08.110.20	08.111.20



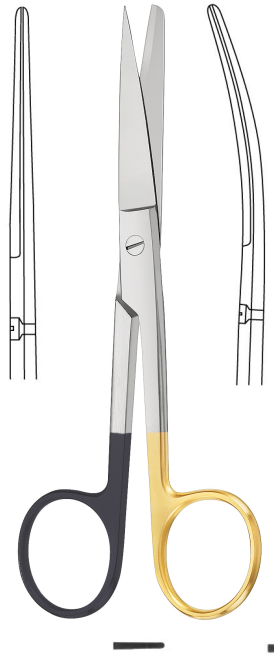
TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

14,5 cm/5¾”	08.114.14	08.115.14
16,5 cm/6½”	08.114.16	08.115.16
18,5 cm/7¼”	08.114.18	08.115.18

SUPERCUT

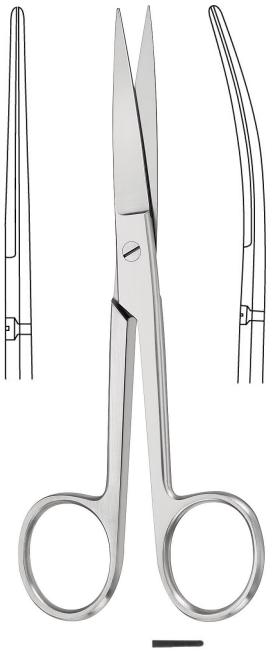


11,5 cm/4½”	07.110.11	07.111.11
13 cm/5”	07.110.13	07.111.13
14,5 cm/5¾”	07.110.14	07.111.14
15,5 cm/6¼”	07.110.15	07.111.15
16,5 cm/6½”	07.110.16	07.111.16
18,5 cm/7¼”	07.110.18	07.111.18
20 cm/8”	07.110.20	07.111.20

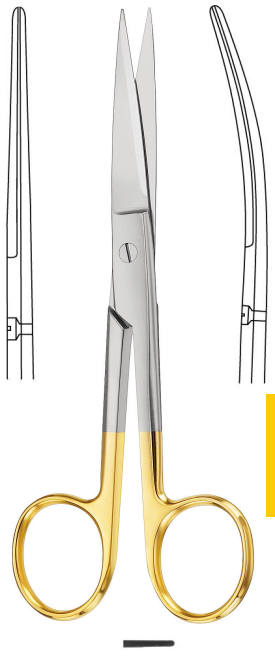


TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

14,5 cm/5¾”	07.114.14	07.115.14
16,5 cm/6½”	07.114.16	07.115.16

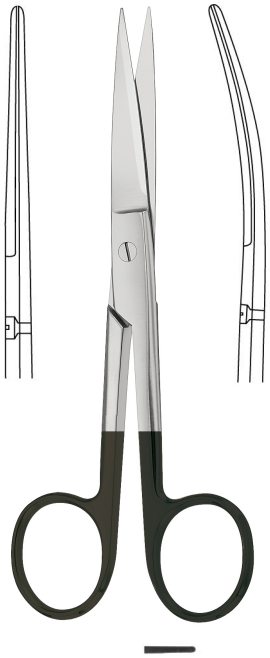


10,5 cm/4¼”	08.120.10	08.121.10
11,5 cm/4½”	08.120.11	08.121.11
13 cm/5”	08.120.13	08.121.13
14,5 cm/5¾”	08.120.14	08.121.14
15,5 cm/6¼”	08.120.15	08.121.15
16,5 cm/6½”	08.120.16	08.121.16
18,5 cm/7¼”	08.120.18	08.121.18
20 cm/8”	08.120.20	08.121.20



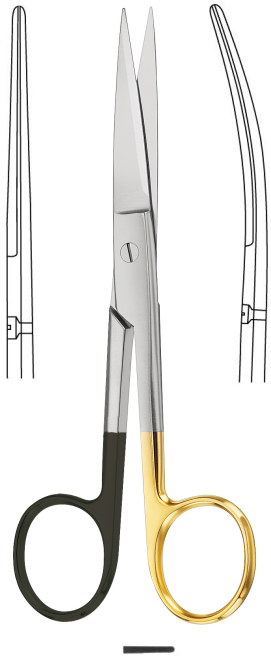
TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

14,5 cm/5¾”	08.124.14	08.125.14
16,5 cm/6½”	08.124.16	08.125.16
18,5 cm/7¼”	08.124.18	08.125.18



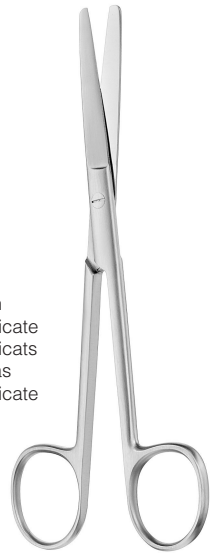
SUPERCUT

10,5 cm/4¼”	07.120.10	07.121.10
11,5 cm/4½”	07.120.11	07.121.11
13 cm/5”	07.120.13	07.121.13
14,5 cm/5¾”	07.120.14	07.121.14
15,5 cm/6¼”	07.120.15	07.121.15
16,5 cm/6½”	07.120.16	07.121.16
18,5 cm/7¼”	07.120.18	07.121.18
20 cm/8”	07.120.20	07.121.20



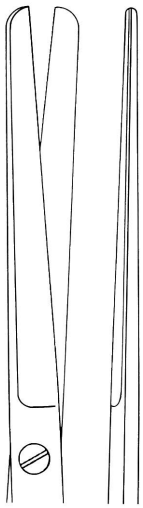
TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

14,5 cm/5¾”	07.124.14	07.125.14
16,5 cm/6½”	07.124.16	07.125.16



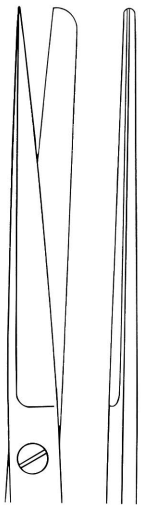
fein
delicate
délicats
finas
delicate

14,5 cm/5¾”



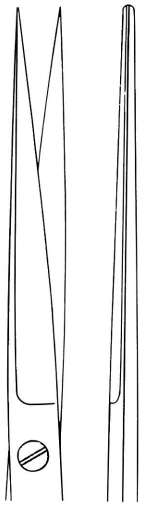
08.122.01

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



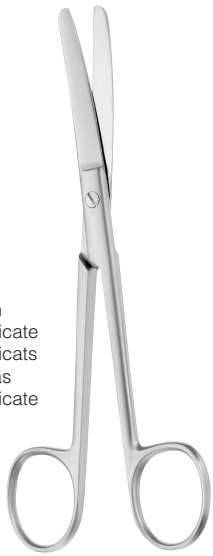
08.122.02

spitz/stumpf
sharp/blunt
pointue/mousse
aguda/romo
acuta/smusso



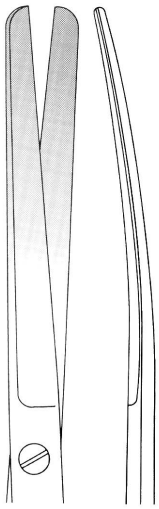
08.122.03

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



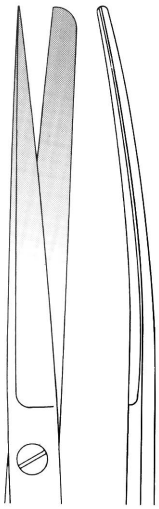
fein
delicate
délicats
finas
delicate

14,5 cm/5¾”



08.123.01

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



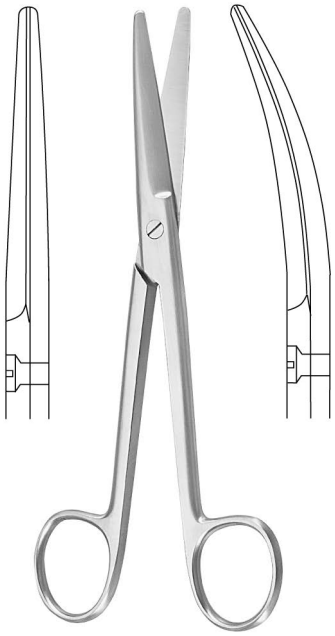
08.123.02

spitz/stumpf
sharp/blunt
pointue/mousse
aguda/romo
acuta/smusso



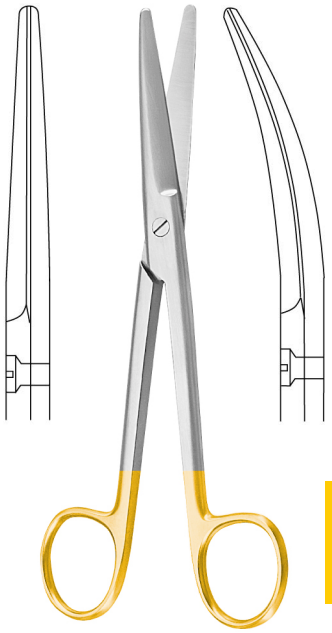
08.123.03

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



MAYO

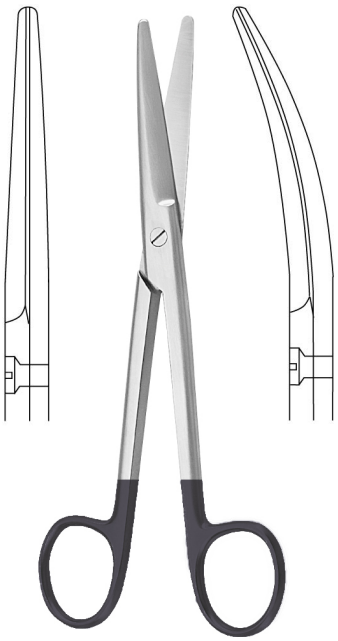
14,5 cm/5¾”	08.160.14	08.161.14
15,5 cm/6”	08.160.15	08.161.15
17 cm/6¾”	08.160.17	08.161.17
19 cm/7½”	08.160.19	08.161.19
23 cm/9”	08.160.23	08.161.23
28 cm/11”	08.160.28	08.161.28



TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

MAYO

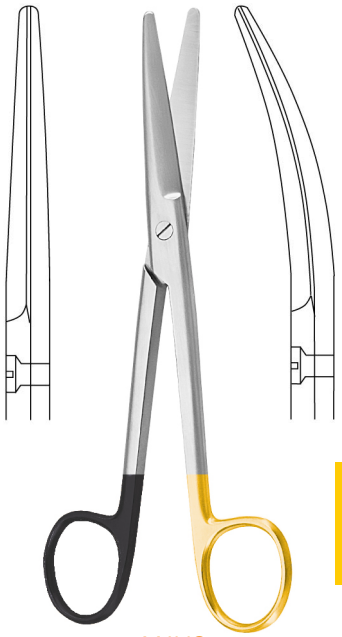
14,5 cm/5¾”	08.164.14	08.165.14
17 cm/6¾”	08.164.17	08.165.17
23 cm/9”	08.164.23	08.165.23



MAYO

14,5 cm/5¾”	07.160.14	07.161.14
17 cm/6¾”	07.160.17	07.161.17
23 cm/9”	07.160.23	07.161.23

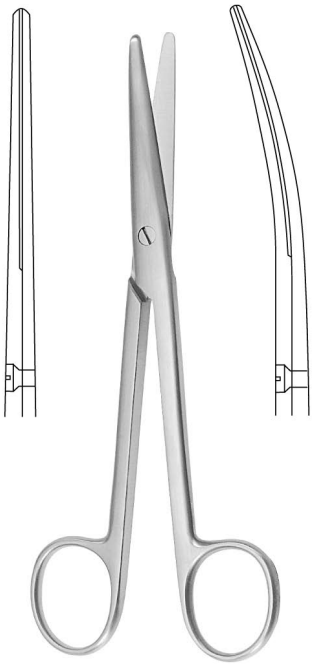
SUPERCUT



TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

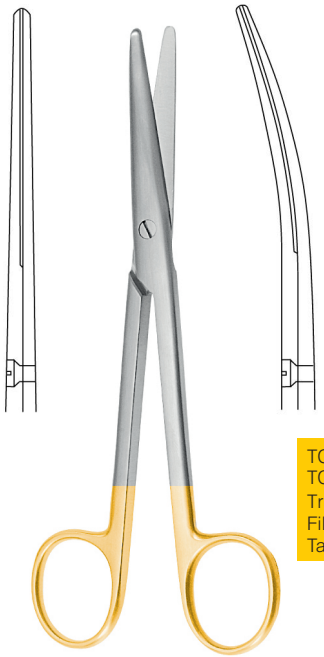
MAYO

14,5 cm/5¾”	07.164.14	07.165.14
17 cm/6¾”	07.164.17	07.165.17
23 cm/9”	07.164.23	07.165.23



MAYO-STILLE

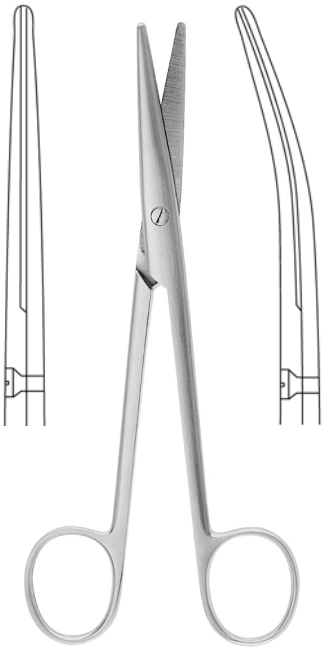
15 cm/6”	08.170.15	08.171.15
17 cm/6¾”	08.170.17	08.171.17



TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

MAYO-STILLE

15 cm/6”	08.174.15	08.175.15
17 cm/6¾”	08.174.17	08.175.17



LEXER

16 cm/6¼”	08.190.16	08.191.16
21 cm/8¼”	08.190.21	08.191.21

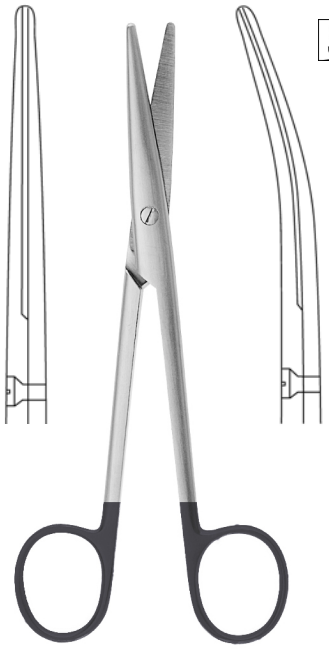


TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

LEXER

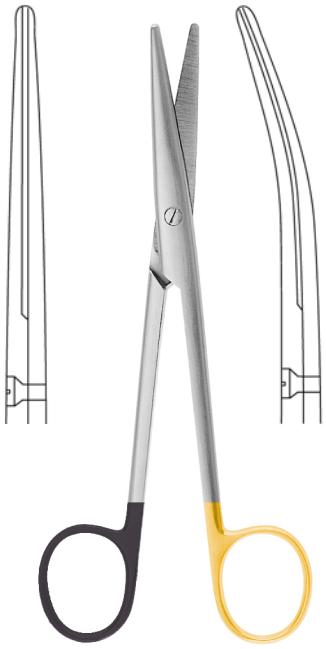
16 cm/6¼”	08.194.16	08.195.16
21 cm/8¼”	08.194.21	08.195.21

SUPERCUT



LEXER

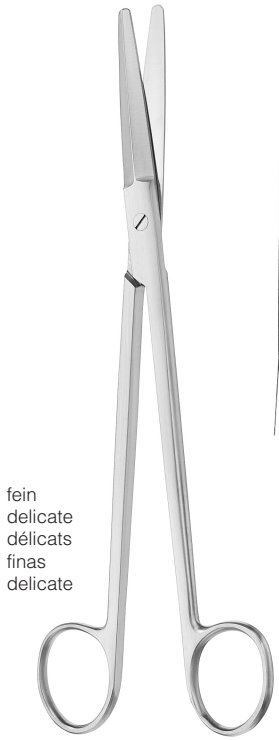
16 cm/6¼”	07.190.16	07.191.16
21 cm/8¼”	07.190.21	07.191.21



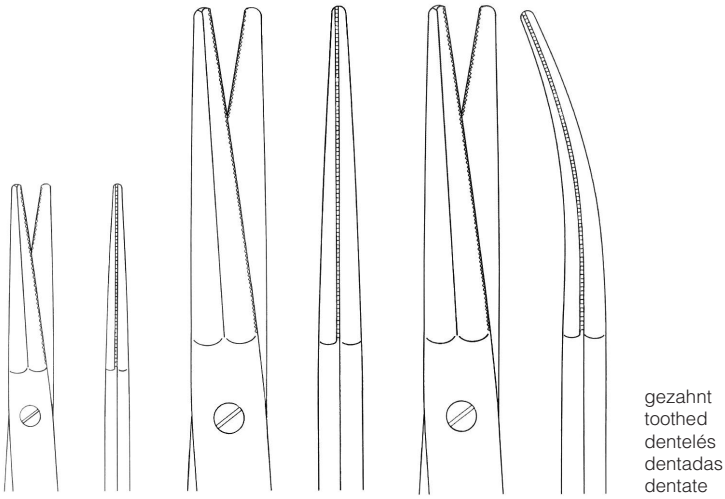
TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

LEXER

16 cm/6¼”	07.194.16	07.195.16
21 cm/8¼”	07.194.21	07.195.21



fein
delicate
délicats
finas
delicate



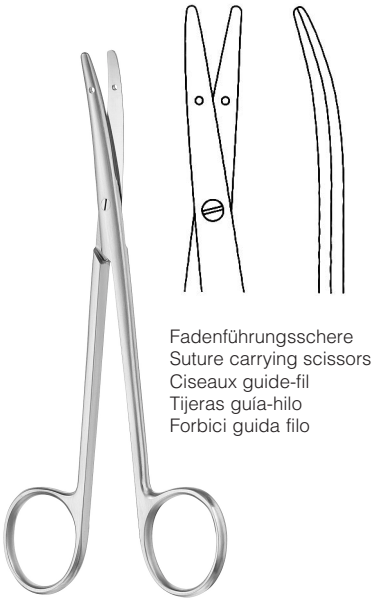
gezahnt
toothed
dentelés
dentadas
dentate

08.212.12
12,5 cm/5”

08.212.19
19,5 cm/7¾”

08.213.19
19,5 cm/7¾”

GORNEY



Fadenführungsschere
Suture carrying scissors
Ciseaux guide-fil
Tijeras guía-hilo
Forbici guida filo

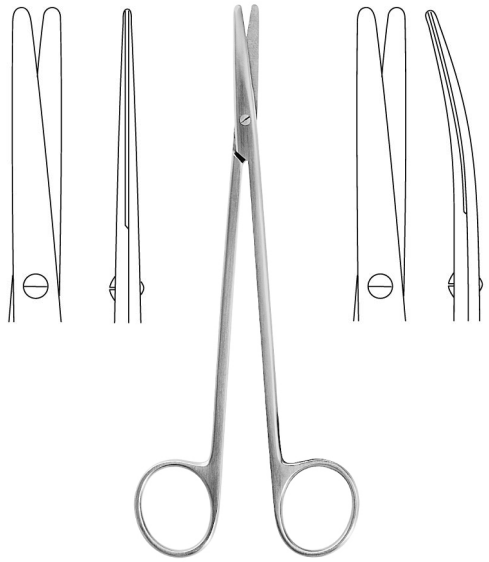
LITTLER

12 cm/4¾”	**08.205.12**
14 cm/5½”	**08.205.14**



Arteriotomie-Schere
Arteriotomy scissors
Ciseaux d'artériotomie
Tijeras de arteriotomía
Forbici da arteriotomia

DEBAKEY
08.215.17
17,5 cm/7”



METZENBAUM

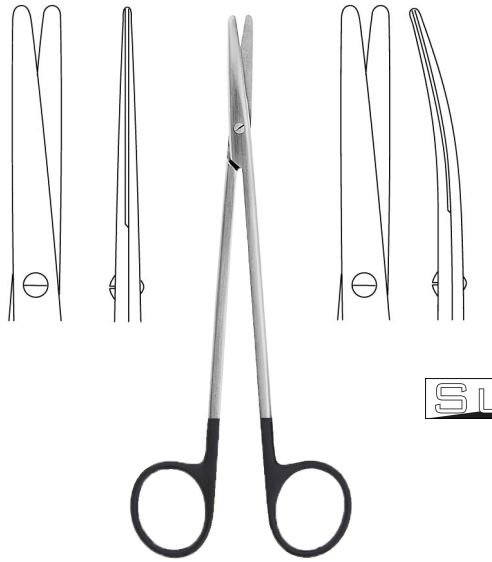
11,5 cm/4½”	08.210.11	08.211.11
14 cm/5½”	08.280.14	08.281.14
14,5 cm/5¾”	08.280.15	08.281.15
15,5 cm/6”	08.210.15	08.211.15
18 cm/7”	08.280.18	08.281.18
20 cm/8”	08.280.20	08.281.20
23 cm/9”	08.280.23	08.281.23
25 cm/10”	08.280.25	08.281.25
28 cm/11”	08.280.28	08.281.28
30 cm/12”	08.280.30	08.281.30



TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

METZENBAUM

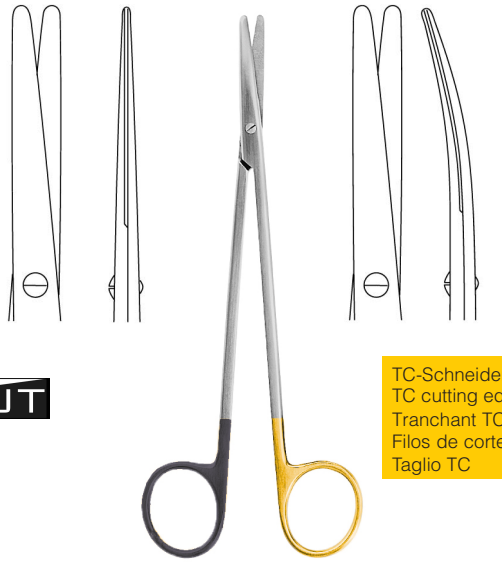
11,5 cm/4½”	08.284.11	08.285.11
14,5 cm/5¾”	08.284.15	08.285.15
18 cm/7”	08.284.18	08.285.18
20 cm/8”	08.284.20	08.285.20
23 cm/9”	08.284.23	08.285.23
25 cm/10”	08.284.25	08.285.25
28 cm/11”	08.284.28	08.285.28
30 cm/12”	08.284.30	08.285.30



SUPERCUT

METZENBAUM

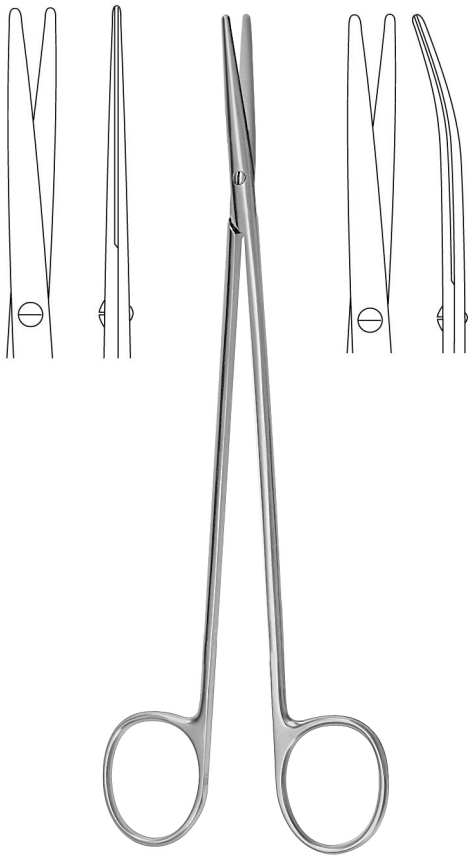
11,5 cm/4½”	07.280.11	07.281.11
14,5 cm/5¾”	07.280.15	07.281.15
18 cm/7”	07.280.18	07.281.18
20 cm/8”	07.280.20	07.281.20
23 cm/9”	07.280.23	07.281.23
25 cm/10”	07.280.25	07.281.25
28 cm/11”	07.280.28	07.281.28
30 cm/12”	07.280.30	07.281.30



TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

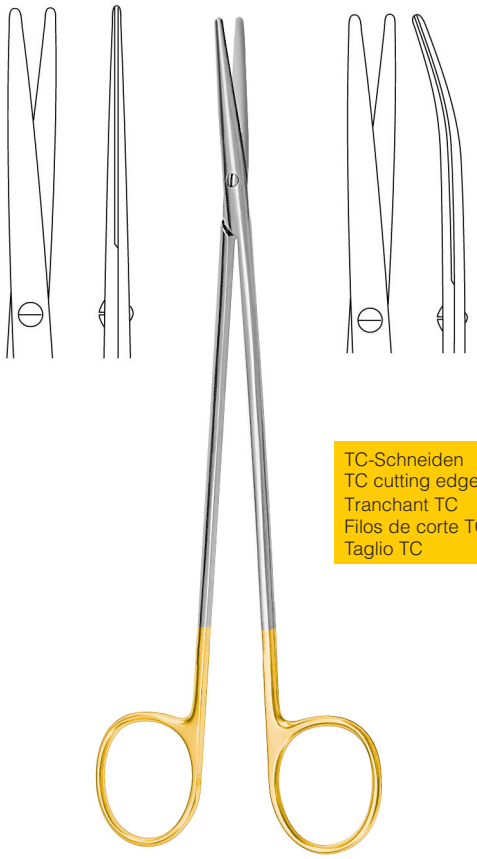
METZENBAUM

11,5 cm/4½”	07.284.11	07.285.11
14,5 cm/5¾”	07.284.15	07.285.15
18 cm/7”	07.284.18	07.285.18
20 cm/8”	07.284.20	07.285.20
23 cm/9”	07.284.23	07.285.23
25 cm/10”	07.284.25	07.285.25
28 cm/11”	07.284.28	07.285.28
30 cm/12”	07.284.30	07.285.30



METZENBAUM FINO

14,5 cm/5¾”	08.282.15	08.283.15
18 cm/7”	08.282.18	08.283.18
20 cm/8”	08.282.20	08.283.20
23 cm/9”	08.282.23	08.283.23
25 cm/10”	08.282.25	08.283.25
28 cm/11”	08.282.28	08.283.28



TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

METZENBAUM FINO

14,5 cm/5¾”	08.286.15	08.287.15
18 cm/7”	08.286.18	08.287.18
20 cm/8”	08.286.20	08.287.20
23 cm/9”	08.286.23	08.287.23
25 cm/10”	08.286.25	08.287.25
28 cm/11”	08.286.28	08.287.28



METZENBAUM FINO

14,5 cm/5¾”	07.282.15	07.283.15
18 cm/7”	07.282.18	07.283.18
20 cm/8”	07.282.20	07.283.20
23 cm/9”	07.282.23	07.283.23
25 cm/10”	07.282.25	07.283.25
28 cm/11”	07.282.28	07.283.28

SUPERCUT

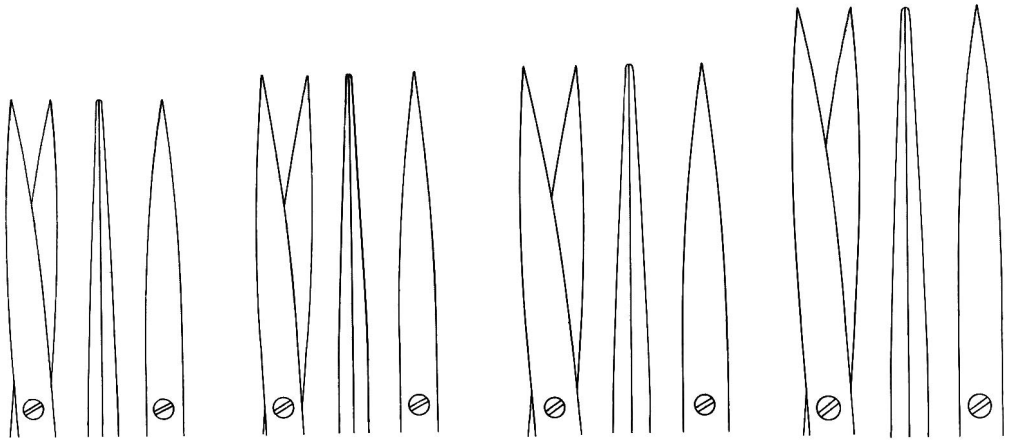
TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
TaglioTC



METZENBAUM FINO

14,5 cm/5¾”	07.286.15	07.287.15
18 cm/7”	07.286.18	07.287.18
20 cm/8”	07.286.20	07.287.20
23 cm/9”	07.286.23	07.287.23
25 cm/10”	07.286.25	07.287.25
28 cm/11”	07.286.28	07.287.28





08.292.14
14 cm/5½”

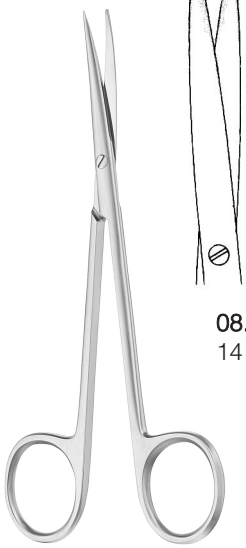
08.292.18
18 cm/7”

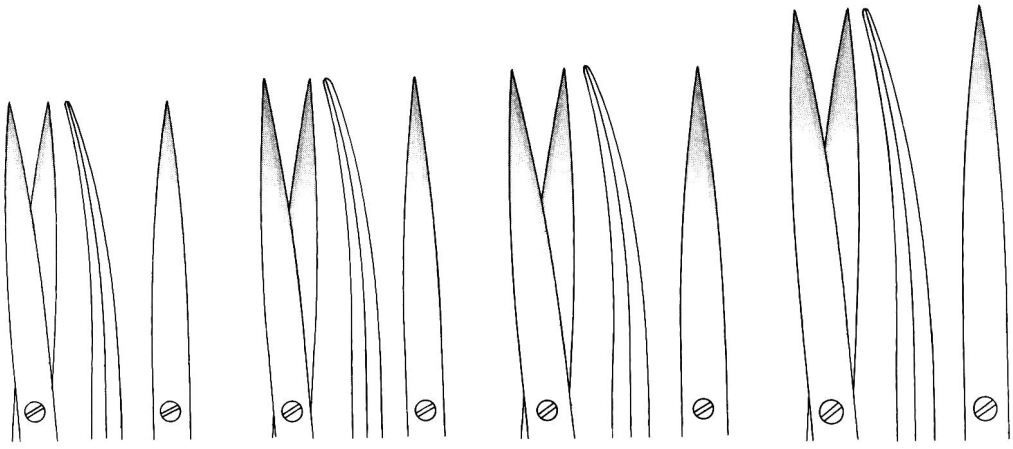
08.292.20
20 cm/8”

08.292.23
23 cm/9”

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

METZENBAUM FINO





08.293.14
14 cm/5½”

08.293.18
18 cm/7”

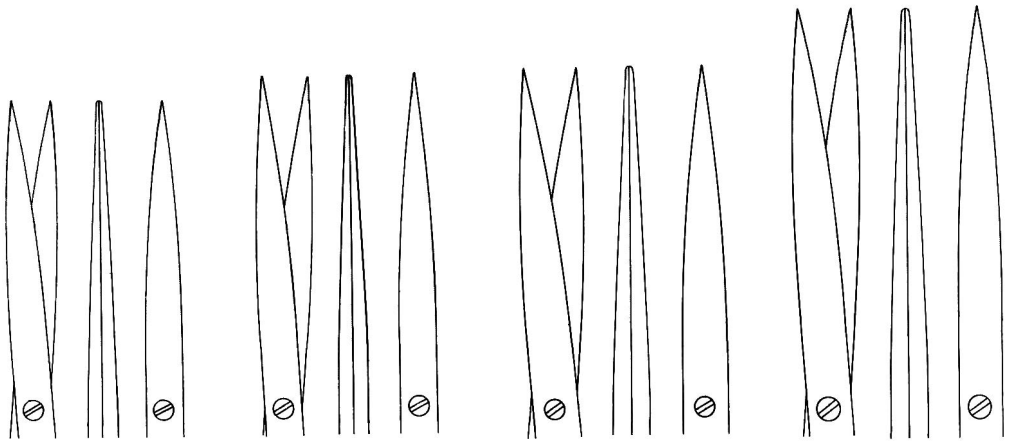
08.293.20
20 cm/8”

08.293.23
23 cm/9”

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

METZENBAUM FINO





08.296.14
14,5 cm/5¾”

08.296.18
18 cm/7”

08.296.20
20 cm/8”

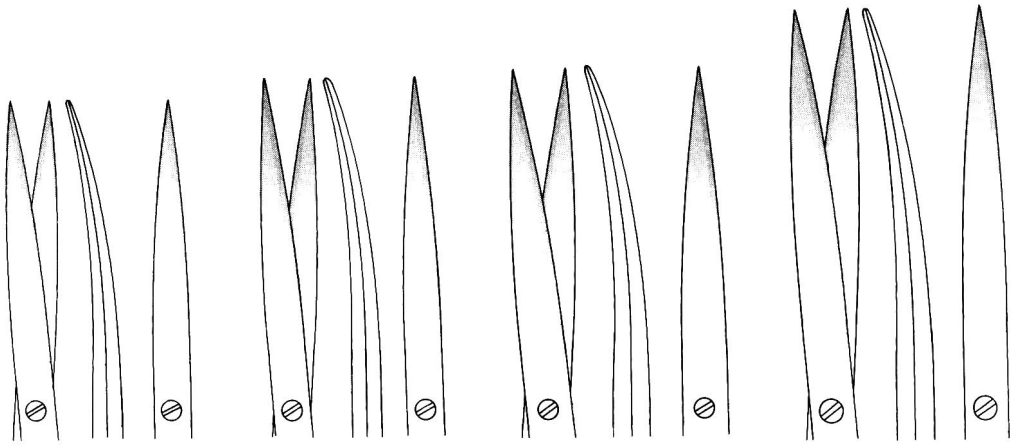
08.296.23
23 cm/9”

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

METZENBAUM FINO

TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC





08.297.14
14,5 cm/5¾”

08.297.18
18 cm/7”

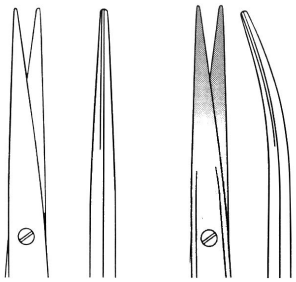
08.297.20
20 cm/8”

08.297.23
23 cm/9”

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

METZENBAUM FINO



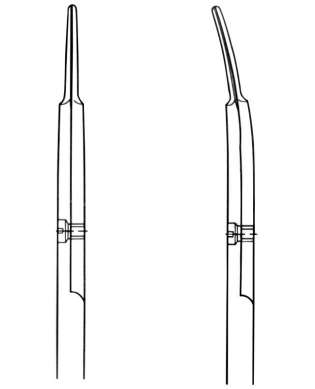


08.300.11
11,5 cm/4½”

08.301.11
11,5 cm/4½”

fein
delicate
délicats
finas
delicate

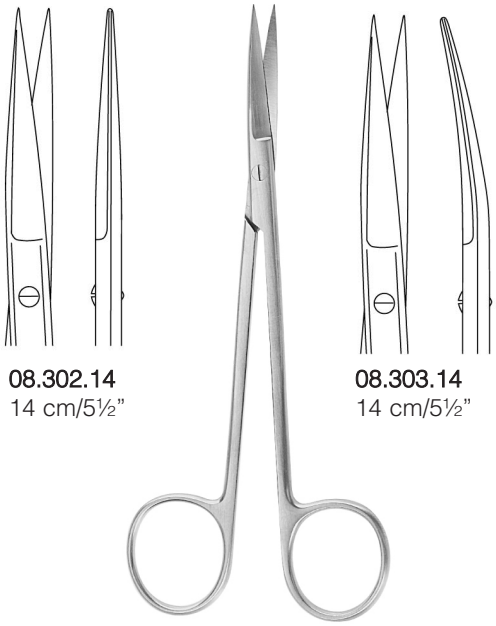




08.312.13
13,5 cm/5¼”

08.313.13
13,5 cm/5¼”

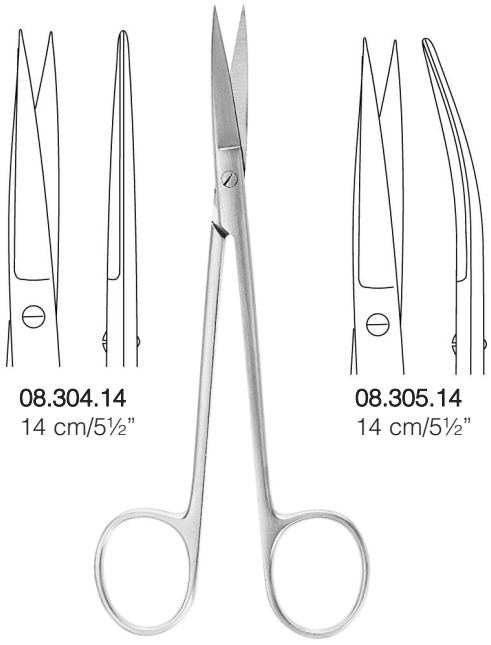
RAGNELL



08.302.14
14 cm/5½”

08.303.14
14 cm/5½”

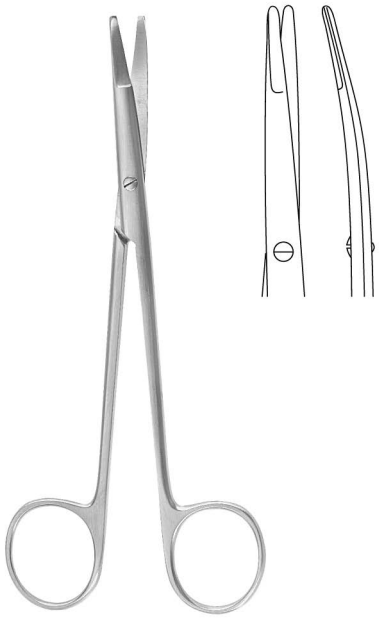
SANVENERO



08.304.14
14 cm/5½”

08.305.14
14 cm/5½”

JOSEPH



KILNER

12 cm/4¾”	08.310.12
15 cm/6”	08.310.15



TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

KILNER

12 cm/4¾”	08.314.12
15 cm/6”	08.314.15



SUPERCUT

KILNER

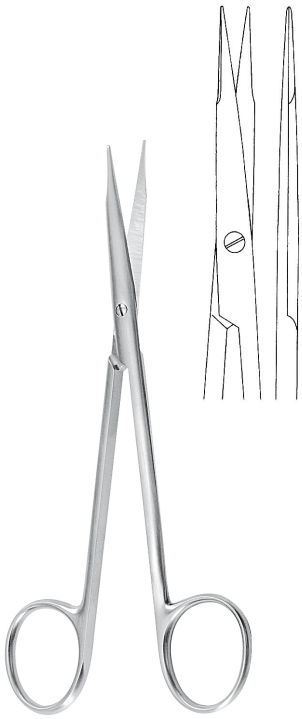
12 cm/4¾”	07.310.12
15 cm/6”	07.310.15



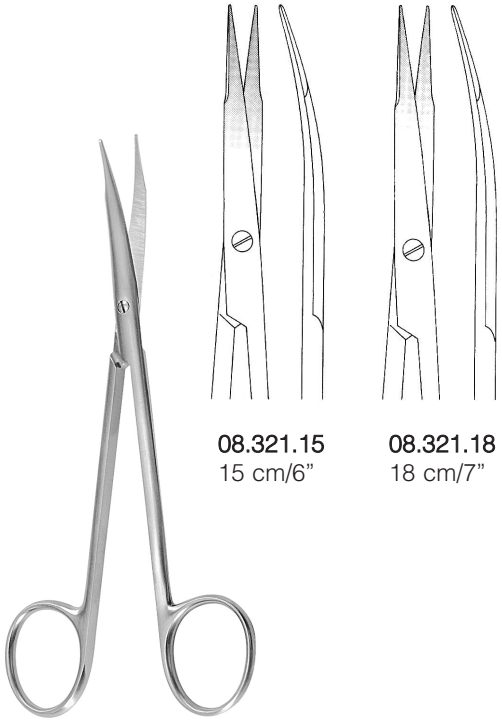
TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

KILNER

12 cm/4¾”	07.314.12
15 cm/6”	07.314.15



REYNOLDS
08.320.15
15 cm/6”

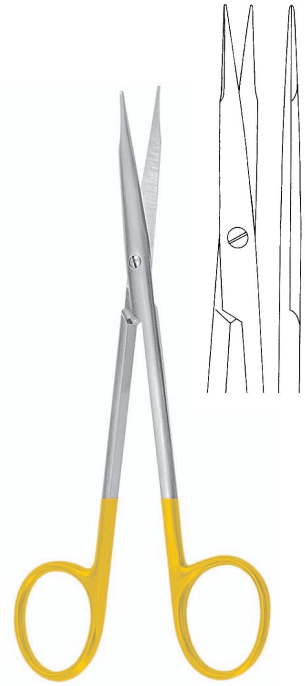


08.321.15
15 cm/6”

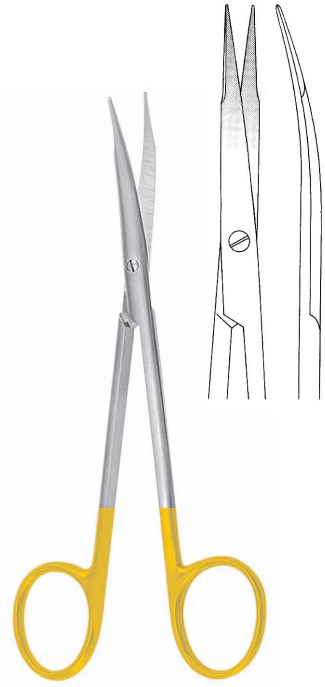
08.321.18
18 cm/7”

REYNOLDS

TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

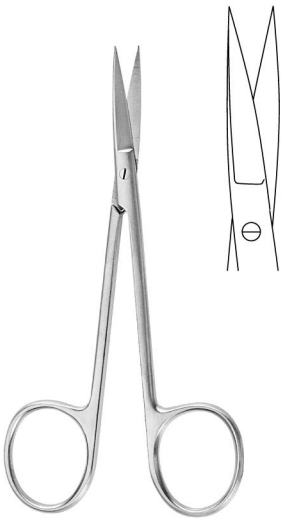


REYNOLDS
08.324.15
15 cm/6”



REYNOLDS
08.325.15
15 cm/6”

TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC



IRIS

9 cm/3½”	**08.340.09**
10,5 cm/4¼”	**08.340.10**
11,5 cm/4½”	**08.340.11**
12,5 cm/5”	**08.340.12**



IRIS

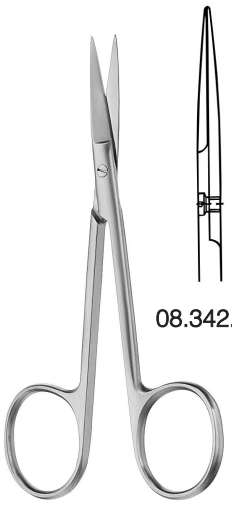
9 cm/3½”	**08.341.09**
10,5 cm/4¼”	**08.341.10**
11,5 cm/4½”	**08.341.11**
12,5 cm/5”	**08.341.12**



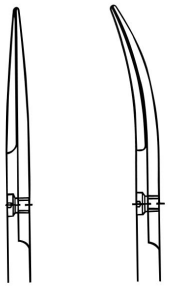
IRIS
08.344.11
11,5 cm/4½”



IRIS
08.345.11
11,5 cm/4½”



08.342.10



08.343.10

IRIS
10,5 cm/4¼”

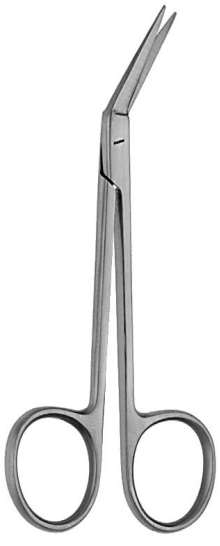


08.342.11



08.343.11

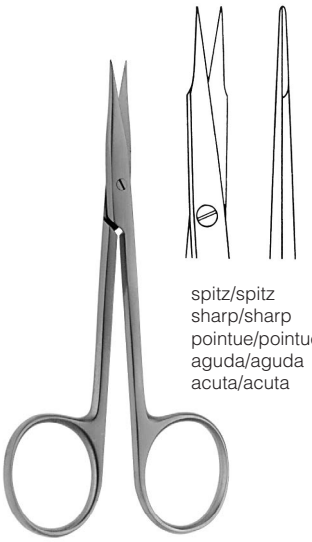
IRIS
11,5 cm/4½”



IRIS
08.351.11
11,5 cm/4½”

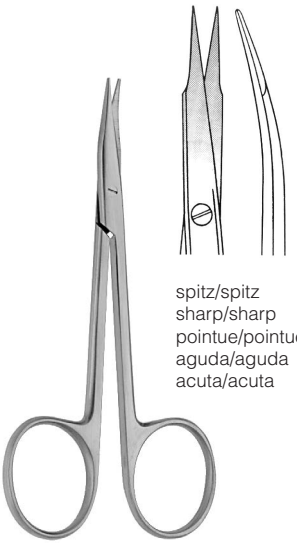


IRIS
08.353.11
11,5 cm/4½”



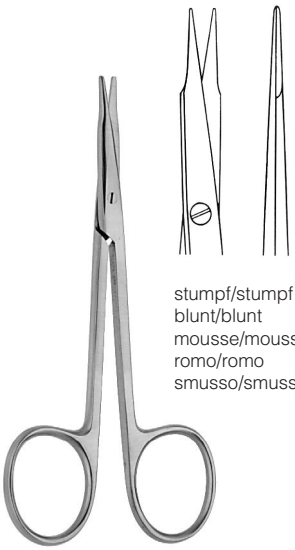
spitz/spitz
sharp/sharp
pointue/pointue
aguda/aguda
acuta/acuta

STEVENS
08.360.11
10,5 cm/4½”



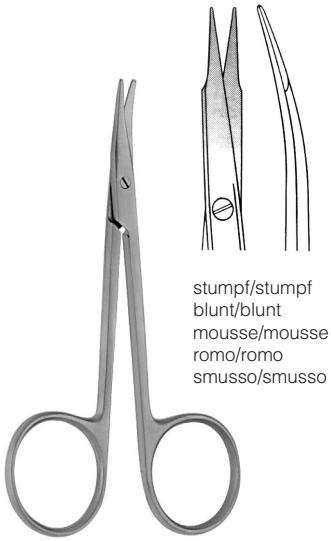
spitz/spitz
sharp/sharp
pointue/pointue
aguda/aguda
acuta/acuta

STEVENS
08.361.11
10,5 cm/4½”



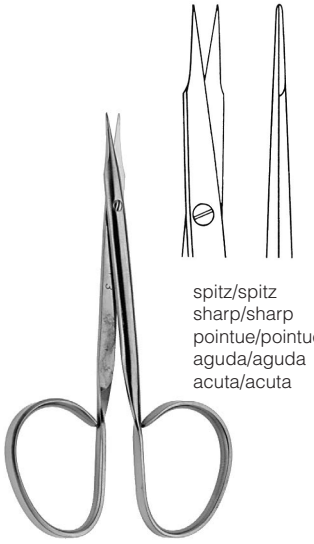
stumpf/stumpf
blunt/blunt
mousse/mousse
romo/romo
smusso/smusso

STEVENS
08.362.11
10,5 cm/4½”



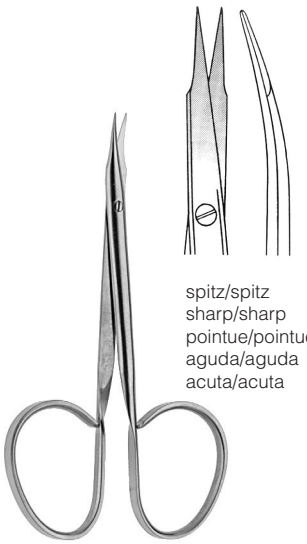
stumpf/stumpf
blunt/blunt
mousse/mousse
romo/romo
smusso/smusso

STEVENS
08.363.11
10,5 cm/4½”



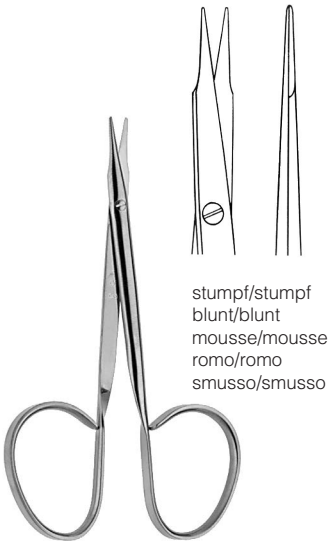
spitz/spitz
sharp/sharp
pointue/pointue
aguda/aguda
acuta/acuta

STEVENS
08.364.10
10,5 cm/4½”



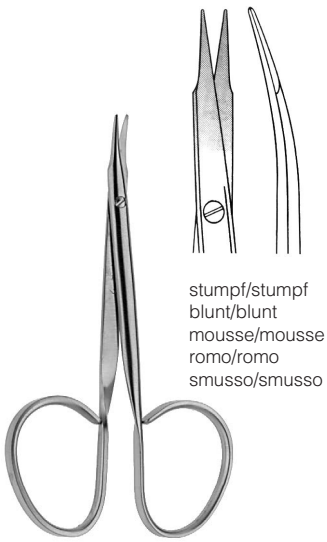
spitz/spitz
sharp/sharp
pointue/pointue
aguda/aguda
acuta/acuta

STEVENS
08.365.10
10,5 cm/4½”



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

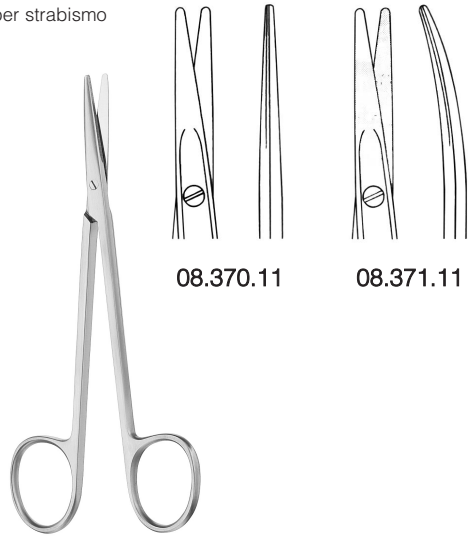
STEVENS
08.366.10
10,5 cm/4½”



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

STEVENS
08.367.10
10,5 cm/4½”

Strabismusscheren
Strabismus scissors
Ciseaux à strabisme
Tijeras para estrabismo
Forbici per strabismo



08.370.11 08.371.11

11 cm/4¼”



08.374.11 08.375.11

TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

11 cm/4¼”

gezahnt
toothed
dentelés
dentadas
dentate



Trigeminusschere
(auch für die Nase)

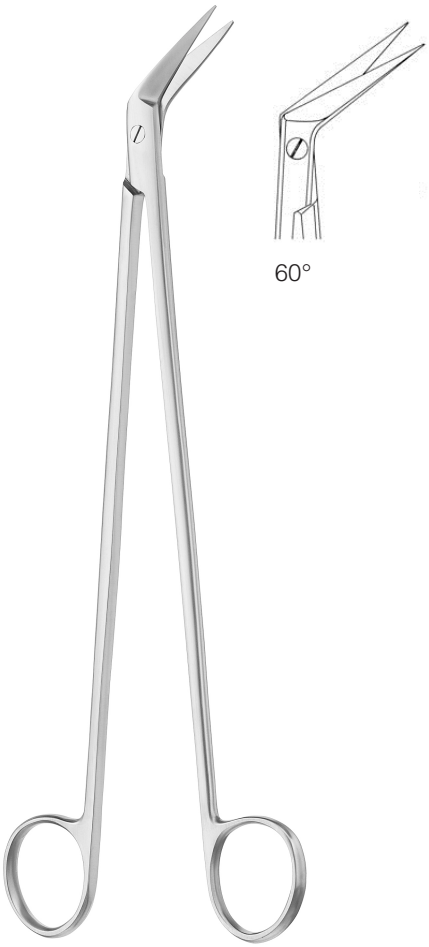
Trigeminal scissors
(also for nose)

Ciseaux pour le nerf trigeminal
(aussi pour le nez)

Tijeras para nervio trigémino
(también para la nariz)

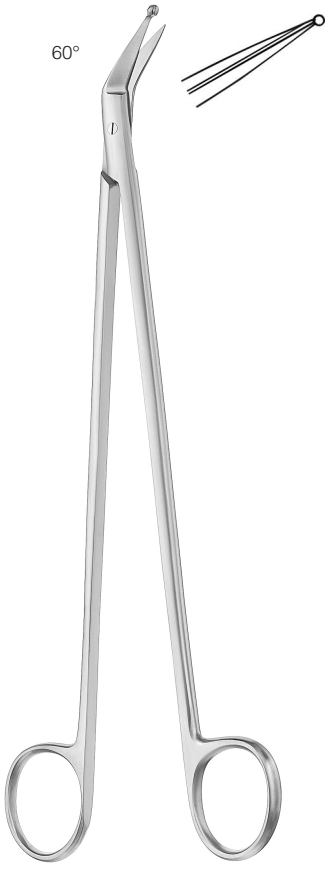
Forbici per il nervo trigemino
(anche per il naso)

OLIVECRONA
08.475.23
23 cm/9”

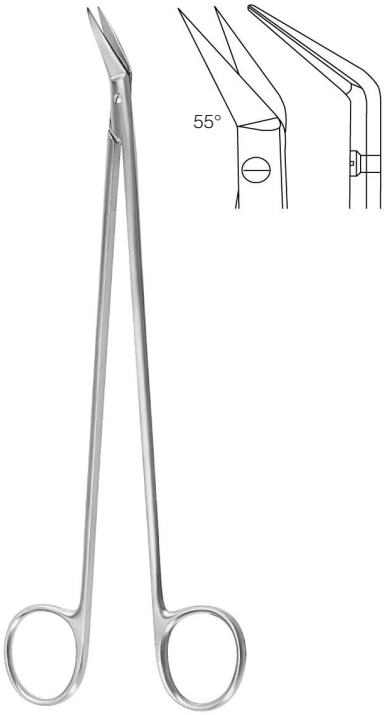


POTTS DE MARTEL

21 cm/8¼”	**08.473.21**
24 cm/9½”	**08.473.24**



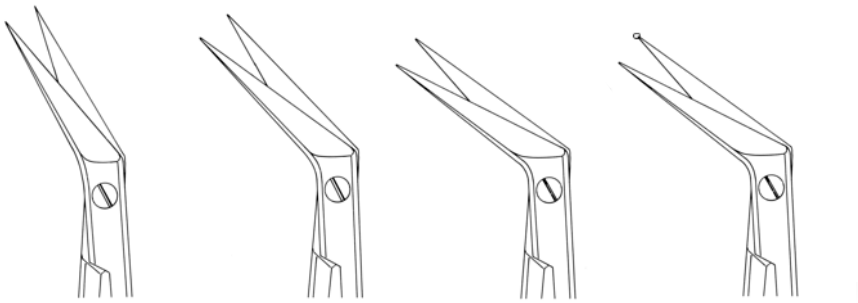
MILLS
08.475.22
22 cm/8¾”



POTTS-SMITH
08.480.18
18,5 cm/7¼”



POTTS-SMITH

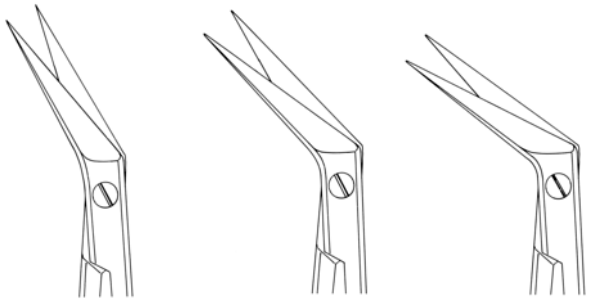


	25°	40°	60°	60°
19 cm/7½”	08.480.25	08.480.40	08.480.60	08.480.61



POTTS-SMITH

TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

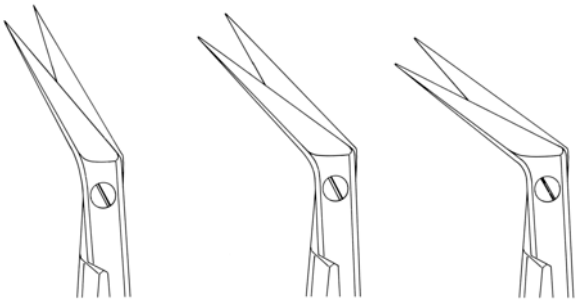


	25°	40°	60°
19 cm/7½”	08.484.25	08.484.40	08.484.60

SUPERCUT



POTTS-SMITH

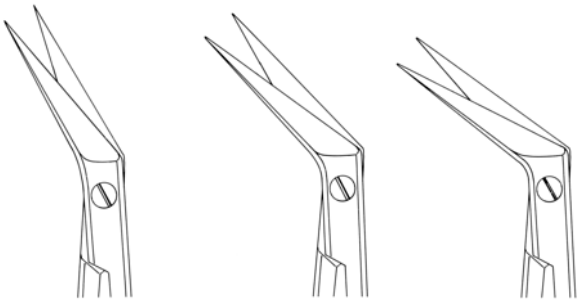


	25°	40°	60°
19 cm/7½”	07.480.25	07.480.40	07.480.60

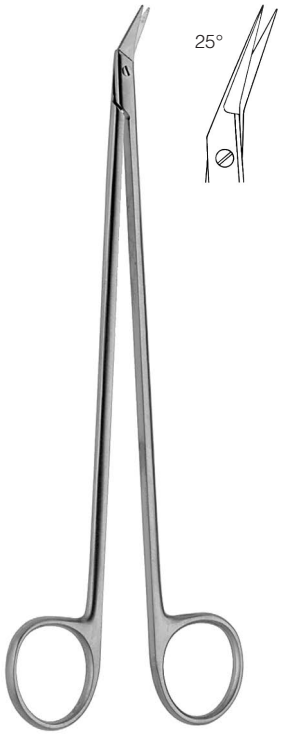


POTTS-SMITH

TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

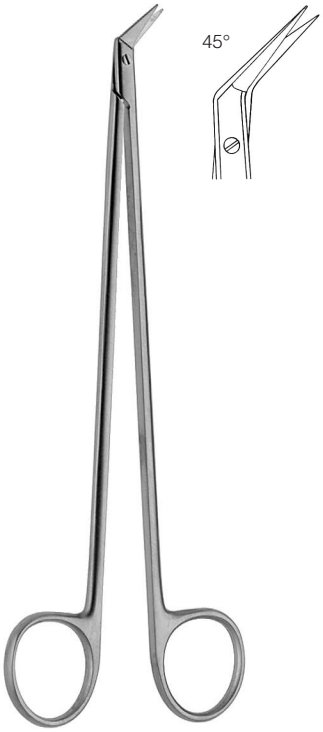


	25°	40°	60°
19 cm/7½”	07.484.25	07.484.40	07.484.60



DIETHRICH

16 cm/6¼”	**08.485.25**
18 cm/7”	**08.486.25**



DIETHRICH

16 cm/6¼”	**08.485.45**
18 cm/7”	**08.486.45**



DIETHRICH

16 cm/6¼”	**08.485.60**
18 cm/7”	**08.486.60**



DIETHRICH

16 cm/6¼”	**08.485.90**
18 cm/7”	**08.486.90**



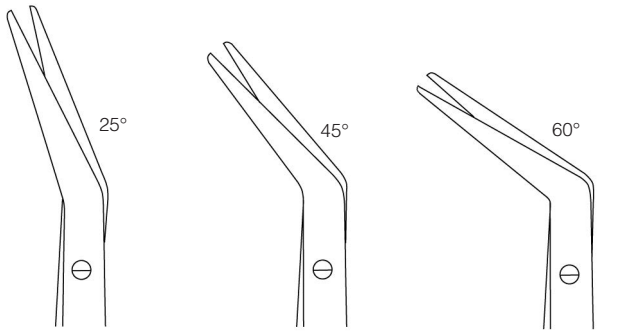
DIETHRICH

16 cm/6¼”	**08.485.92**
18 cm/7”	**08.487.25**



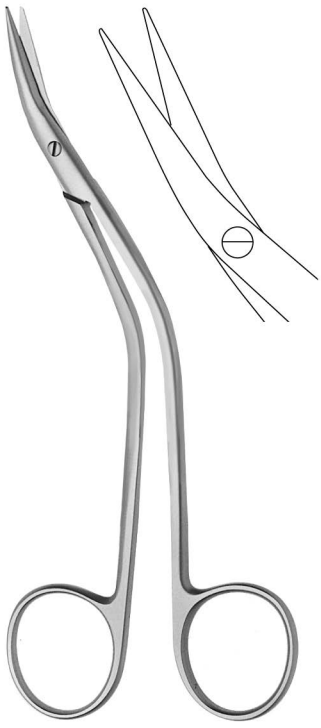
DIETHRICH
08.488.25
18 cm/7”



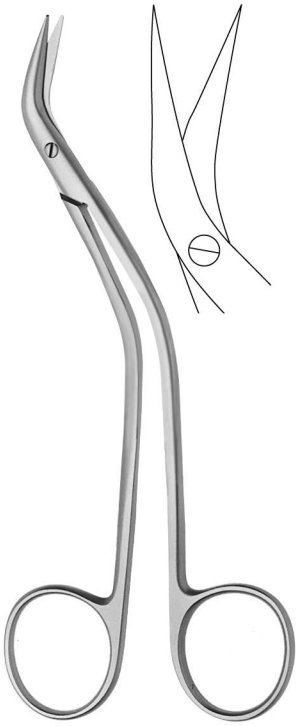


	25°	45°	60°
16 cm/6¼”	**08.490.16**	**08.491.16**	**08.492.16**
23 cm/9”	**08.490.23**	**08.491.23**	**08.492.23**
28 cm/11”	**08.490.28**	**08.491.28**	**08.492.28**

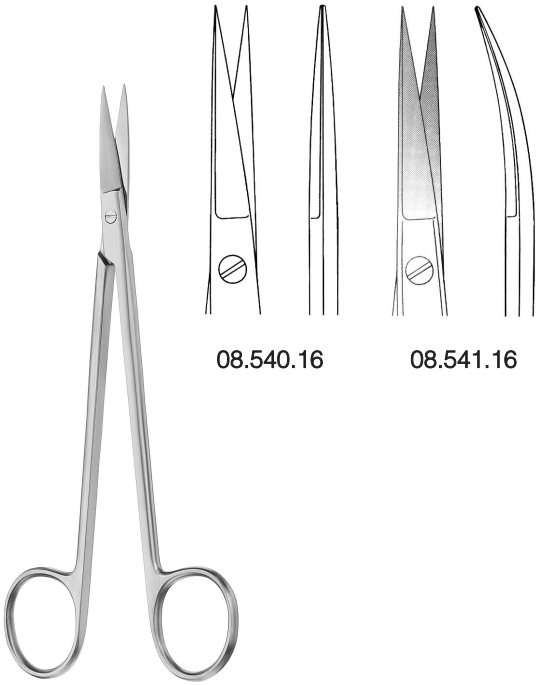
DE BAKEY



DE BAKEY
08.495.15
15,5 cm/6”



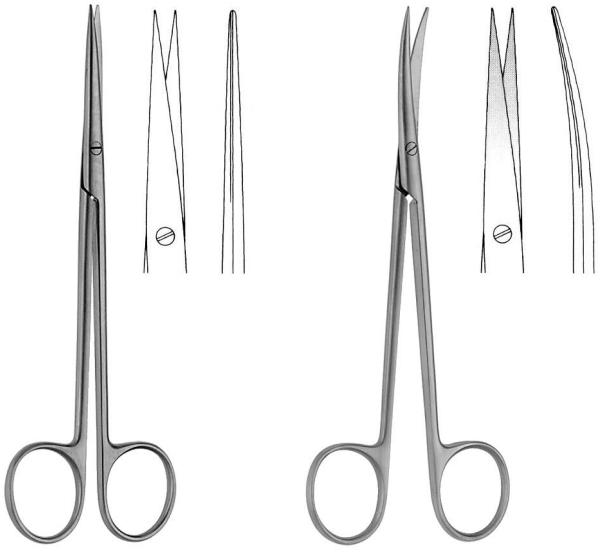
DE BAKEY
08.497.15
15,5 cm/6”



08.540.16 08.541.16

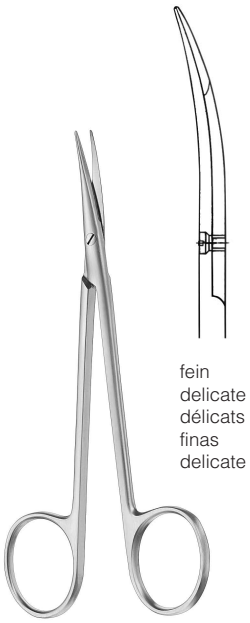
KELLY
16 cm/6¼”

Nerv-Präparierscheren
Nerve dissecting scissors
Ciseaux à préparation de nerfs
Tijeras para preparación de nervios
Forbici per preparazione di nervi



08.582.15
15 cm/6”

08.583.15
15 cm/6”



fein
delicate
délicats
finas
delicate

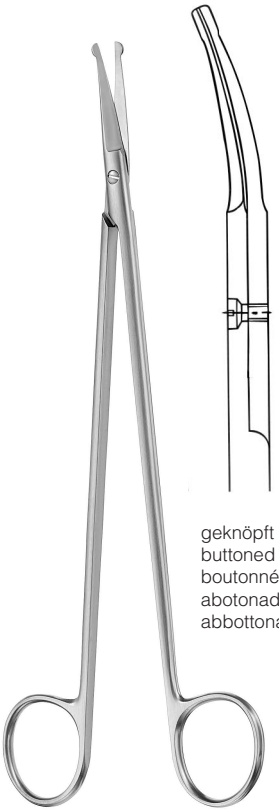
JAMESON WERBER
08.584.13
13 cm/5”



08.584.15
15 cm/6”
fein
delicate
délicats
finas
delicate

08.585.18
18 cm/7”

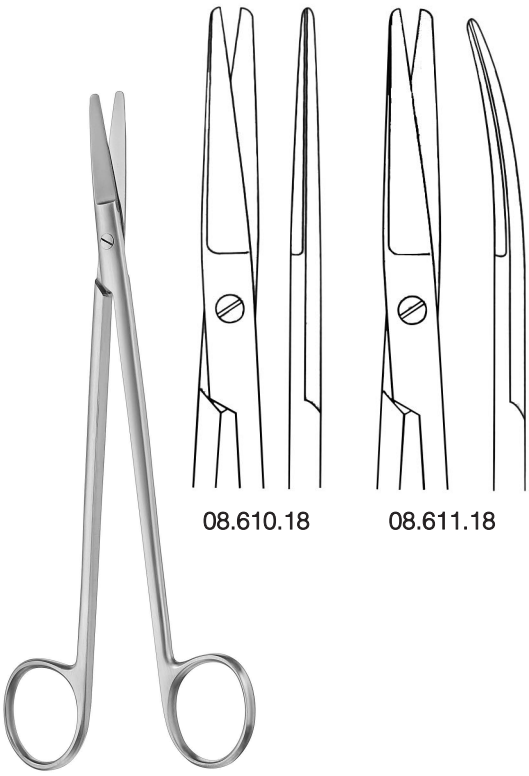
JAMESON



Trigeminusschere
Trigeminal scissors
Ciseaux pour le nerf trigeminal
Tijeras para nervio trigémino
Forbici per il nervo trigemino

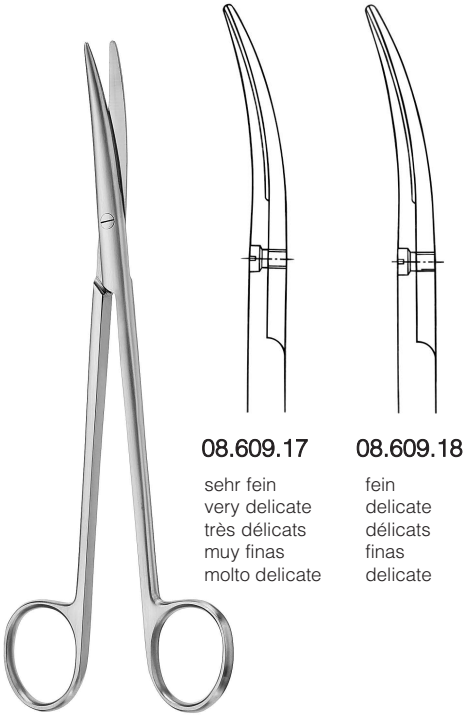
geknöpft
buttoned
boutonnée
abotonada
abbottonata

STRULLY
08.601.22
22 cm/8¾”



08.610.18 **08.611.18**

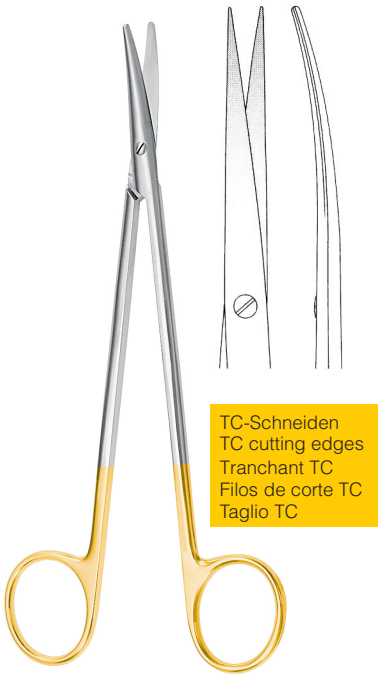
TOENNIS ADSON
18 cm/7”



08.609.17
sehr fein
very delicate
très délicats
muy finas
molto delicate

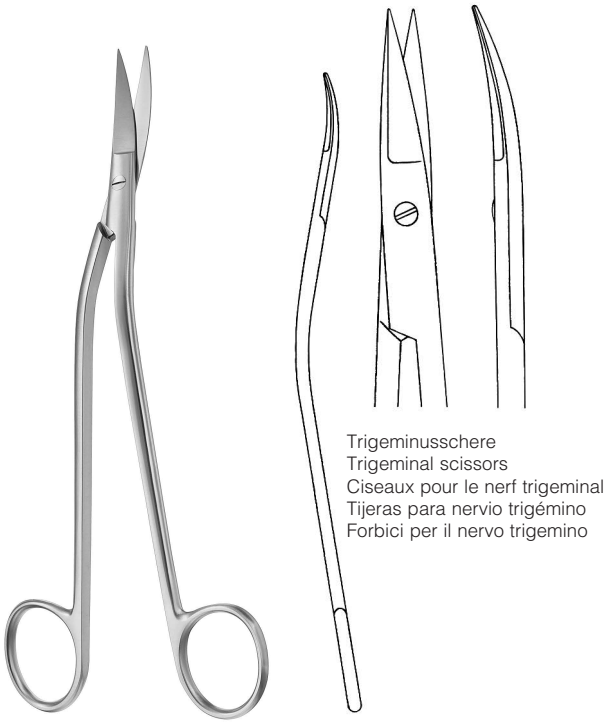
08.609.18
fein
delicate
délicats
finas
delicate

TOENNIS ADSON
17,5 cm/7”



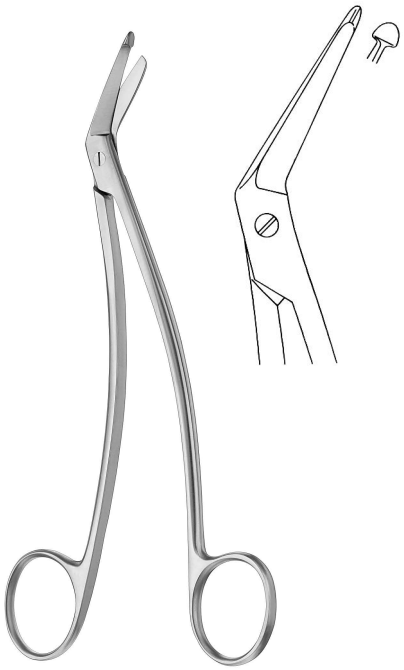
TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

TOENNIS-ADSON
08.613.17
17 cm/6¾”



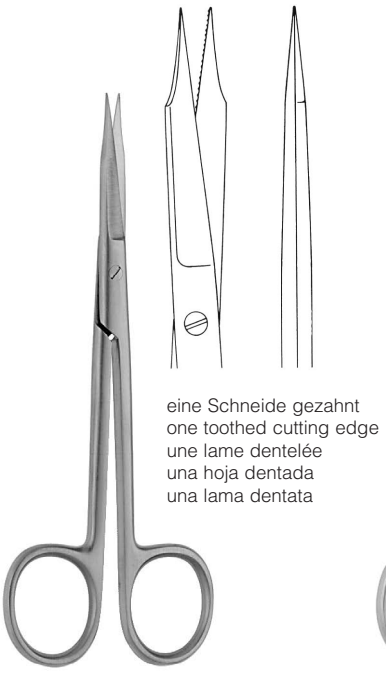
Trigeminusschere
Trigeminal scissors
Ciseaux pour le nerf trigeminal
Tijeras para nervio trigémino
Forbici per il nervo trigemino

DANDY
08.617.17
17 cm/6¾”



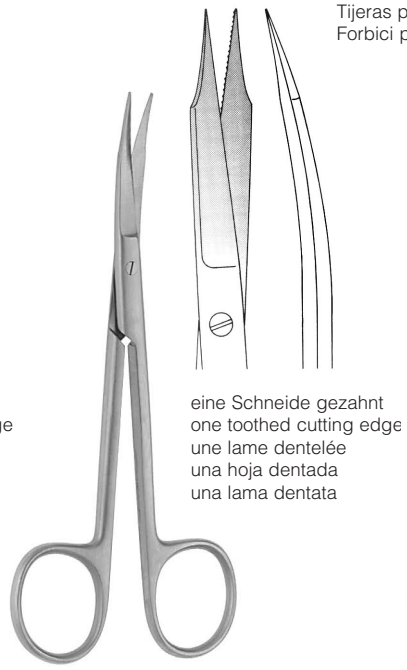
SCHMIEDEN TAYLOR
08.619.17
17 cm/6¾”

Zahnfleischscheren
Gum scissors
Ciseaux à gencive
Tijeras para encías
Forbici per gengive



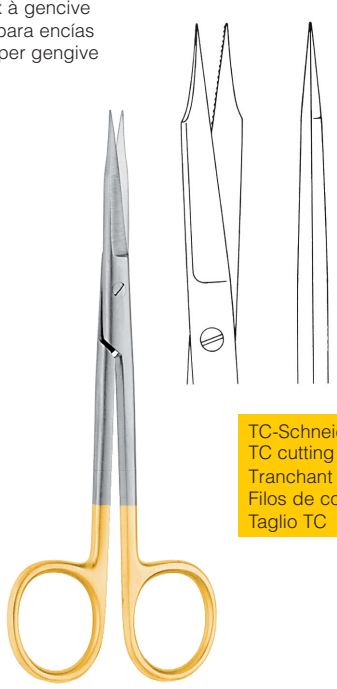
eine Schneide gezahnt
one toothed cutting edge
une lame dentelée
una hoja dentada
una lama dentata

GOLDMAN FOX
08.820.13
13 cm/5”



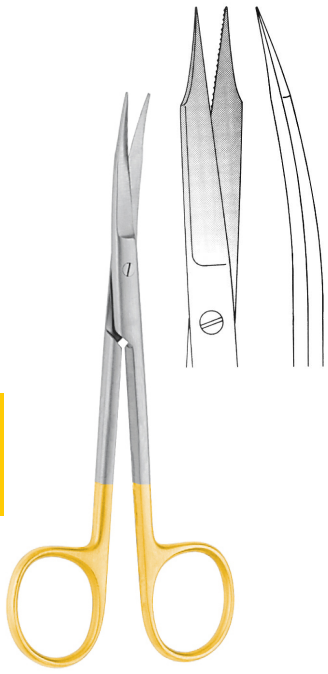
eine Schneide gezahnt
one toothed cutting edge
une lame dentelée
una hoja dentada
una lama dentata

GOLDMAN FOX
08.821.13
13 cm/5”

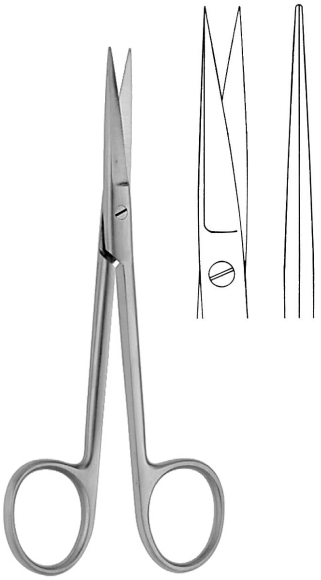


TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

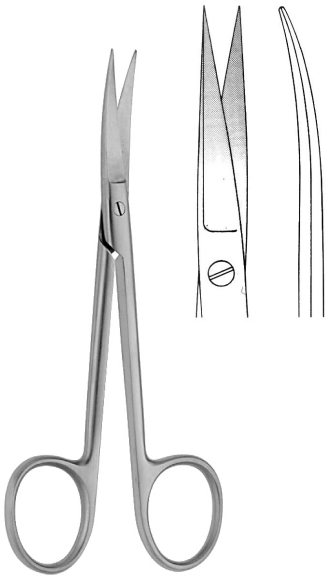
GOLDMAN FOX
08.822.13
13 cm/5”



GOLDMAN FOX
08.823.13
13 cm/5”



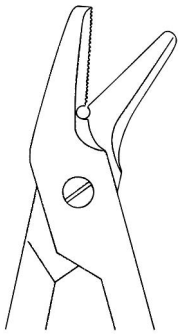
WAGNER
08.824.12
12 cm/6¾”



WAGNER
08.825.12
12 cm/6¾”

Draht-Scheren
Wire cutting scissors
Ciseaux coupe-fil
Tijeras para cortar hilo
Forbici per tagliare fili

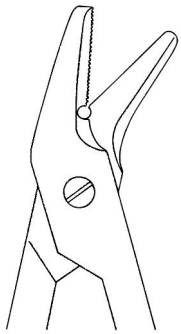




eine Schneide gezahnt
one toothed cutting edge
une lame dentelée
una hoja dentada
una lama dentata

UNIVERSAL
08.831.12
12 cm/4¾”





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

TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

UNIVERSAL
08.835.12
12 cm/4¾”



LISTER

9 cm/3½”	08.901.09
11 cm/4¼”	08.901.11
14 cm/5½”	08.901.14
16 cm/6¼”	08.901.16
18 cm/7”	08.901.18
20 cm/8”	08.901.20
25 cm/10”	08.901.25



TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

LISTER

14 cm/5½”	08.905.14
18 cm/7”	08.905.18
20 cm/8”	08.905.20

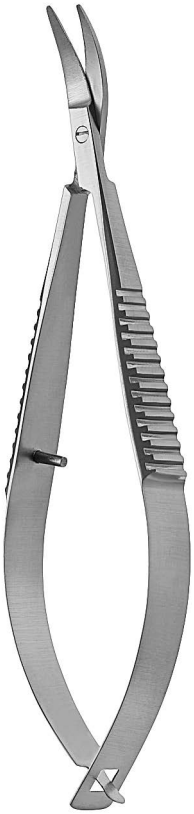


UNIVERSAL

	schwarz black noir negro nero	blau blue bleu azul blu	grün green vert verde verde	rot red rouge rojo rosso	gelb yellow jaune amarillo giallo	weiß white blanc blanco bianco
15 cm/6”	08.950.15	08.950.15B	08.950.15G	08.950.15R	08.950.15Y	08.950.15W
18 cm/7”	08.950.18	08.950.18B	08.950.18G	08.950.18R	08.950.18Y	08.950.18W

04

MIKRO-SCHEREN
MICRO SCISSORS
MICRO-CISEAUX
MICRO TIJERAS
MICRO FORBICI





09.133.10

spitz/spitz
sharp/sharp
pointu/pointu
agudo/agudo
acuto/acuto



09.135.10

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

CASTROVIEJO
10 cm/4”

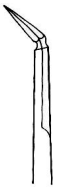




09.140.08



09.141.08



09.143.08

VANNAS
8 cm/3¼”



10 mm
Blattlänge
Length of blades
Longeur des lames
Largo de hojas
Lunghezza della lama

14 cm/5½”	**09.202.14**	**09.203.14**
15 cm/6”	**09.202.15**	**09.203.15**
16,5 cm/6½”	**09.202.16**	**09.203.16**
18 cm/7”	**09.202.18**	**09.203.18**



14 mm
Blattlänge
Length of blades
Longeur des lames
Largo de hojas
Lunghezza della lama

16,5 cm/6½”	**09.204.16**	**09.205.16**
18 cm/7”	**09.204.18**	**09.205.18**



Mikro-Präparierschere
Micro dissecting scissors
Micro-ciseaux à dissection
Micro tijeras de disección
Micro forbici per dissezione







14,5 cm/5¾”	**09.220.14**	**09.221.14**	**09.223.14**
18 cm/7”	**09.220.18**	**09.221.18**	**09.223.18**
23 cm/9”	**09.220.23**	**09.221.23**	
	spitz/spitz sharp/sharp pointu/pointu agudo/agudo acuto/acuto	spitz/spitz sharp/sharp pointu/pointu agudo/agudo acuto/acuto	stumpf/stumpf blunt/blunt mousse/mousse romo/romo smusso/smusso



VANNAS
09.228.14
14,5 cm/5¾”



VANNAS
09.229.14
14,5 cm/5¾”

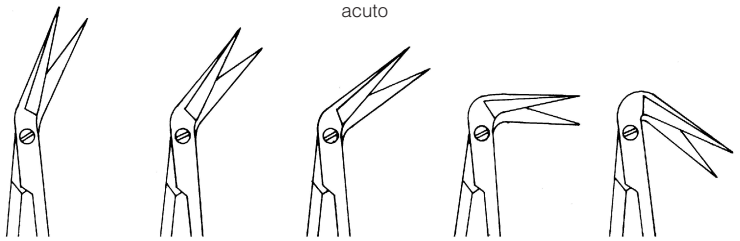


GOMEL
09.221.16
16 cm/6¼”



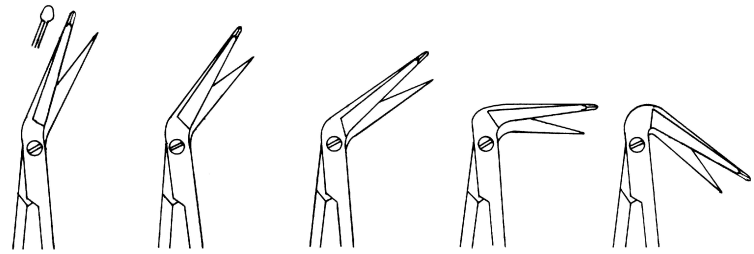
18 cm/7”

spitz
sharp
pointu
agudo
acuto



Schneideblatt Cutting edge Lame Filo cortante Filo di lama		25°	45°	60°	90°	125°
Flachgriff Flat handle Manche plat Mango plano Manico piatto	14 mm	09.224.25	09.224.45	09.224.60	09.224.90	09.225.00
TOLEDO	7 mm	09.236.25	09.236.45	09.236.60	09.236.90	09.237.25
	10 mm	09.234.25	09.234.45	09.234.60	09.234.90	09.235.25
	14 mm	09.230.25	09.230.45	09.230.60	09.230.90	09.231.25

1 Blatt geknöpft
1 blade buttoned
1 lame boutonnée
1 hoja abotonada
1 lama abbottonata



Schneideblatt Cutting edge Lame Filo cortante Filo di lama		25°	45°	60°	90°	125°
Flachgriff Flat handle Manche plat Mango plano Manico piatto	14 mm	09.225.25	09.225.45	09.225.60	09.225.90	09.226.00
TOLEDO	14 mm	09.232.25	09.232.45	09.232.60	09.232.90	09.233.25

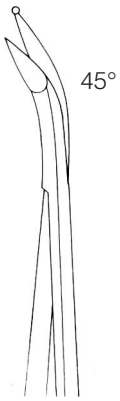


TOLEDO
16,5 cm/6½”



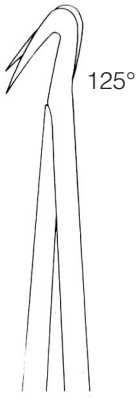
NAGEL

09.245.20
20 cm/8”



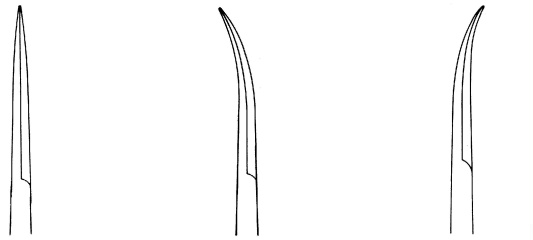
09.246.20
20 cm/8”

1 Blatt geknöpft
1 blade buttoned
1 lame boutonnée
1 hoja abotonada
1 lama abbottonata



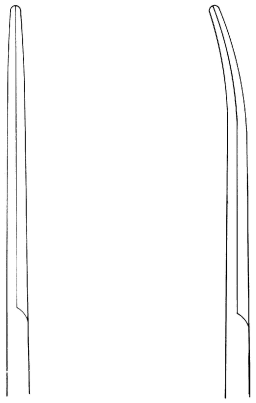
09.247.19
19 cm/7½”





16,5 cm/6½”	**09.250.16**	**09.251.16**	
20 cm/8”	**09.250.20**	**09.251.20**	**09.253.20**

Mikro-Präparierschere
Micro dissecting scissors
Micro-ciseaux à dissection
Micro tijeras de disección
Micro forbici per dissezione



09.254.20
20 cm/8”

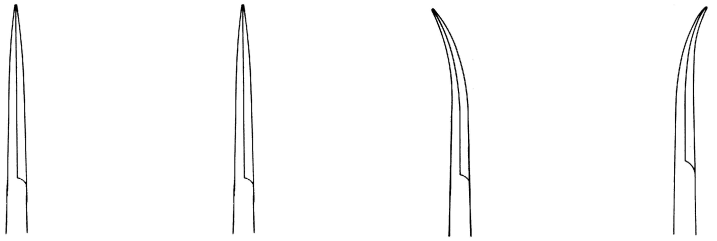
09.255.20
20 cm/8”

YASARGIL



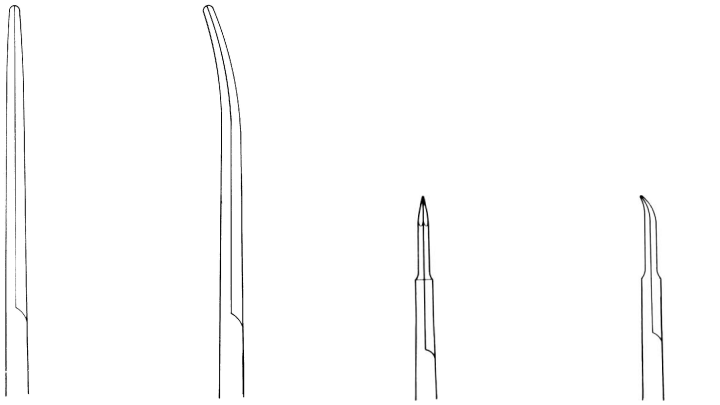
YASARGIL

gezahnt
toothed
dentelés
dentadas
dentate



22,5 cm/9”	**09.250.22**	**09.252.22**	**09.251.22**	**09.253.22**
24,5 cm/9¾”			**09.251.24**	

Mikro-Präparierschere
Micro dissecting scissors
Micro-ciseaux à dissection
Micro tijeras de disección
Micro forbici per dissezione



09.254.22
22,5 cm/9”

09.255.22
22,5 cm/9”

VANNAS
09.248.23
22,5 cm/9”

VANNAS
09.249.23
22,5 cm/9”



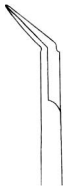




	YASARGIL	YASARGIL
12 cm/4¾”	09.260.12	09.261.12
16 cm/6¼”	09.260.16	09.261.16
18,5 cm/7¼”	09.260.18	09.261.18







	VANNAS	VANNAS	VANNAS
12 cm/4¾”	09.262.12	09.263.12	09.265.12
16 cm/6¼”	09.262.16	09.263.16	



gezahnt
toothed
dentelés
dentadas
dentate

MILLESI
09.270.16
16 cm/6¼”

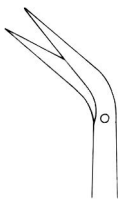


gezahnt
toothed
dentelés
dentadas
dentate

MILLESI
09.271.16
16 cm/6¼”



BIEMER
09.264.13
13 cm/5”



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

POTTS-YASARGIL
09.261.19
18,5 cm/7¼”



09.266.18 09.267.18

18,5 cm/7¼”



09.268.18 09.269.18

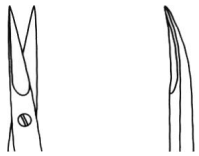
VANNAS
18,5 cm/7¼”



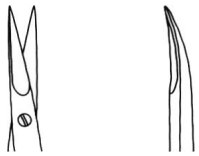
JACOBSON
09.257.19
19 cm/7½”

Leichtmetall Rundgriffe, gut ausbalanciert
Light-weight round handles, well-balanced
Manches ronds en métal léger, bien équilibrés
Mangos redondos de metal ligero, bien equilibrados
Manici rotondi metallo leggero, equilibrio perfetto



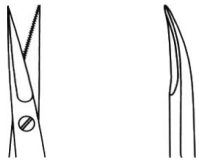


15 cm/5”	09.300.15	09.301.15
18 cm/7”	09.300.18	09.301.18



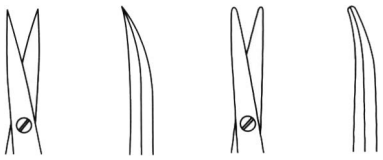
SUPERCUT

18 cm/7”	09.302.18	09.303.18



gezahnt
toothed
dentelés
dentadas
dentate

15 cm/5”	09.304.15	09.305.15
18 cm/7”	09.304.18	09.305.18



runde Schneideblätter
round cutting blades
lames rondes
hojas redondas
lame rotonde

15 cm/5”	09.307.15	09.309.15
18 cm/7”	09.307.18	09.309.18



TOLEDO
16,5 cm/6½”

Schneideblatt Cutting edge Lame Filo cortante Filo di lama		
7 mm	09.356.07	09.357.07
10 mm	09.356.10	09.357.10
14 mm	09.356.14	09.357.14

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

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

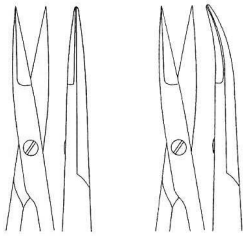
- poignée ergonomique
- aspect attrayant
- une manipulation délicate et en sécurité
- la précision du geste opératoire
- un nettoyage facile
- striure pas sensible à la saleté

- mango ergonómico
- diseño llamativo
- 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

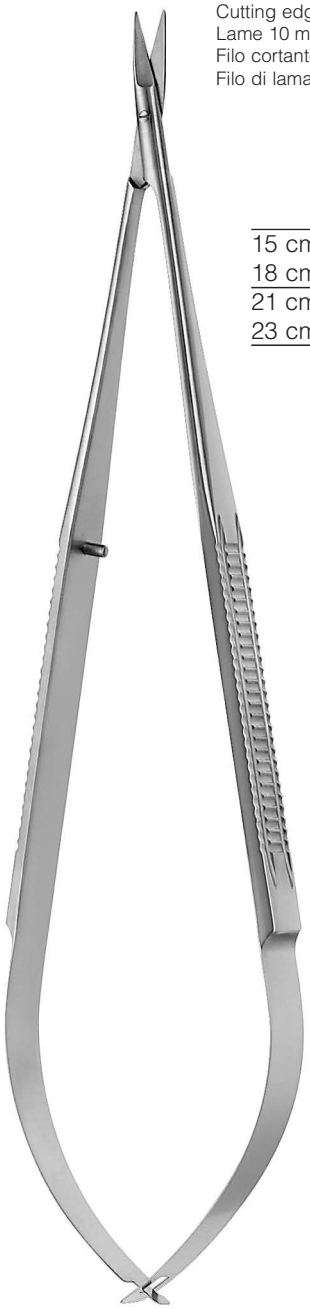


Schneide 10 mm
Cutting edge 10 mm
Lame 10 mm
Filo cortante 10 mm
Filo di lama 10mm

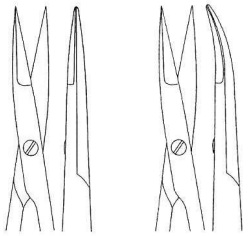


15 cm/6”	09.710.15	09.711.15
18 cm/7”	09.710.18	09.711.18
21 cm/8¼”	09.710.21	09.711.21
23 cm/9”	09.710.23	09.711.23

Rundgriff
Round handle
Manche rond
Mango redondo
Manico rotondo



Schneide 10 mm
Cutting edge 10 mm
Lame 10 mm
Filo cortante 10 mm
Filo di lama 10 mm



15 cm/6”	09.712.15	09.713.15
18 cm/7”	09.712.18	09.713.18
21 cm/8¼”	09.712.21	09.713.21
23 cm/9”	09.712.23	09.713.23

Flachgriff
Flat handle
Manche plat
Mango plano
Manico piatto

05

PINZETTEN
THUMB & TISSUE FORCEPS
PINCES
PINZAS
PINZE

schmal
narrow
étroite
estrecha
stretta



11,5 cm/4½”	10.102.11	10.110.11
13 cm/5”	10.102.13	10.110.13
14,5 cm/5¾”	10.102.14	10.110.14
16 cm/6¼”	10.102.16	10.110.16
18 cm/7”	10.102.18	10.110.18
20 cm/8”	10.102.20	10.110.20
25 cm/10”	10.102.25	10.110.25
30 cm/12”	10.102.30	10.110.30



mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC

14,5 cm/5¾”	10.114.14
16 cm/6¼”	10.114.16



mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC

POTTS-SMITH

15,5 cm/6”		10.116.15
18 cm/7”	10.112.18	10.116.18
20 cm/8”		10.116.20
21 cm/8¼”	10.112.21	10.116.21
23 cm/9”		10.116.23
25 cm/10”	10.112.25	10.116.25
30 cm/12”	10.112.30	

1:2



1:2



schmal
narrow
étroite
estrecha
stretta

11,5 cm/4½”	10.120.11	10.130.11
13 cm/5”	10.120.13	10.130.13
14,5 cm/5¾”	10.120.14	10.130.14
16 cm/6¼”	10.120.16	10.130.16
18 cm/7”	10.120.18	10.130.18
20 cm/8”	10.120.20	10.130.20
23 cm/9”	10.120.23	
25 cm/10”	10.120.25	10.130.25
30 cm/12”	10.120.30	10.130.30

1:2



mittel
medium
moyen
medio
mezzo

13 cm/5”	10.131.13
14,5 cm/5¾”	10.131.14

2:3



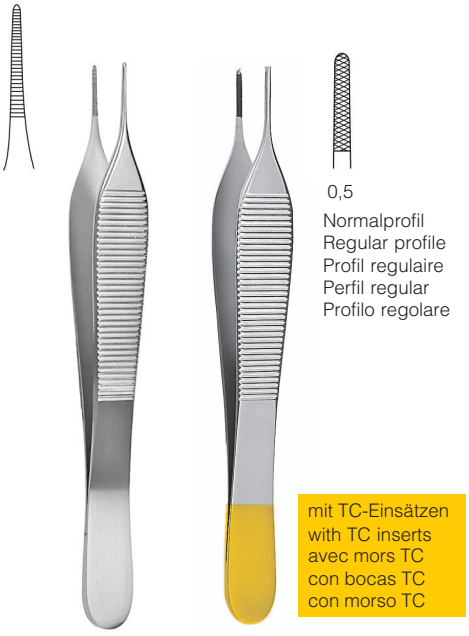
11,5 cm/4½”	10.140.11
13 cm/5”	10.140.13
14,5 cm/5¾”	10.140.14
16 cm/6¼”	10.140.16
18 cm/7”	10.140.18
20 cm/8”	10.140.20
25 cm/10”	10.140.25

1:2



POTTS-SMITH

18 cm/7”	10.126.18
21 cm/8¼”	10.126.21
25 cm/10”	10.126.25
40 cm/16”	10.126.40



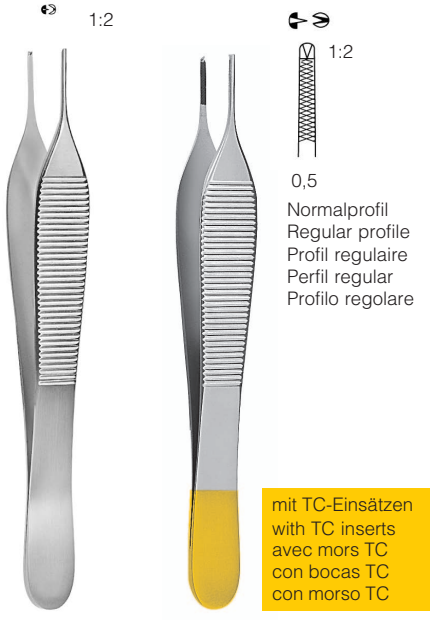
0,5
Normalprofil
Regular profile
Profil regulaire
Perfil regular
Profilo regolare

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC

ADSON		
12 cm/4¾”	10.170.12	10.174.12
15 cm/6”	10.170.15	10.174.15
18 cm/7”	10.170.18	



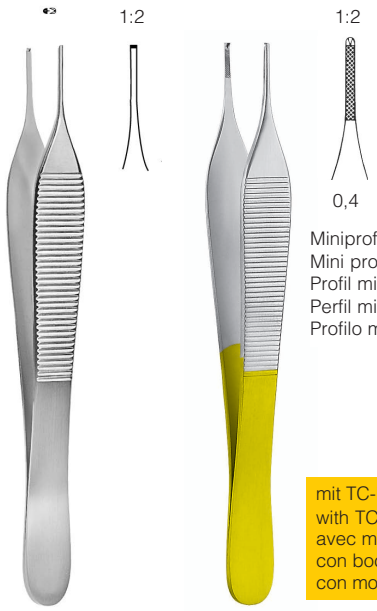
ADSON micro	
12 cm/4¾”	10.176.12
15 cm/6”	10.176.15



0,5
Normalprofil
Regular profile
Profil regulaire
Perfil regular
Profilo regolare

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC

ADSON		
12 cm/4¾”	10.180.12	10.184.12
15 cm/6”	10.180.15	10.184.15
18 cm/7”	10.180.18	

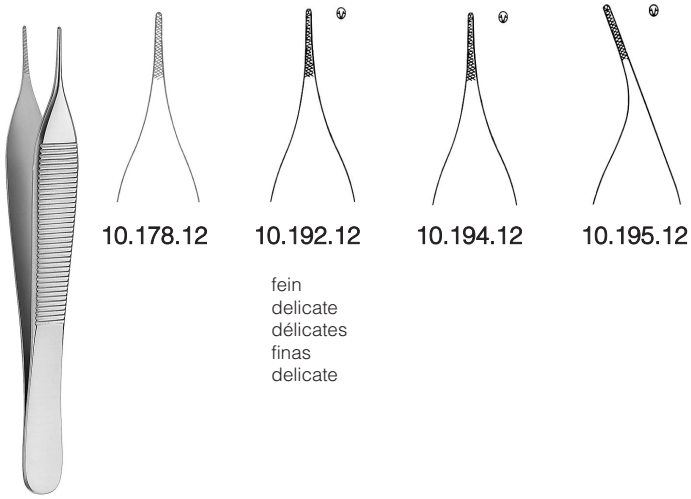


0,4
Miniprofil
Mini profile
Profil mini
Perfil mini
Profilo mini

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC

ADSON micro		
12 cm/4¾”	10.186.12	10.173.12
15 cm/6”	10.186.15	10.173.15
18 cm/7”	10.186.18	

kreuzgerieft
cross serrated
striure en croix
estrias cruzadas
striature trasversali



10.178.12 | **10.192.12** | **10.194.12** | **10.195.12**

fein
delicate
délicates
finas
delicate

ADSON
12 cm/4¾”

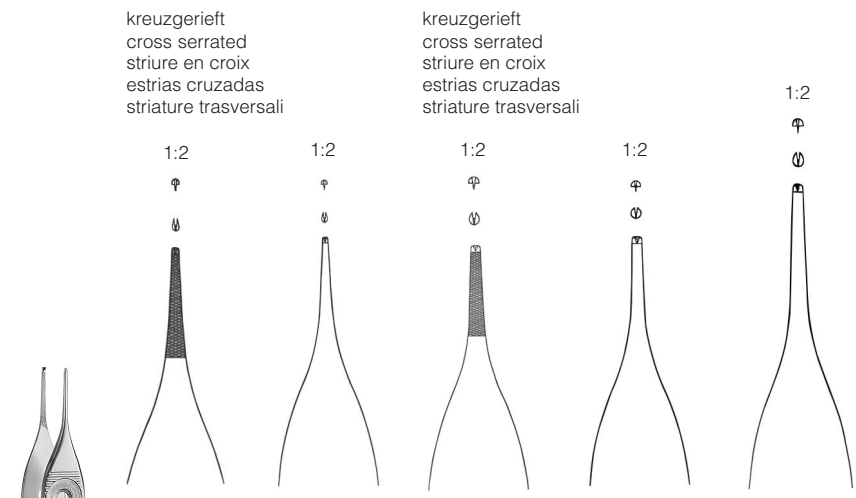


Zähne schräggestellt
Teeth in oblique position
Oblique dents
Oblicuos dientes
Obliquo denti

ADSON-BIEMER
10.187.12
12 cm/4¾”

kreuzgerieft
cross serrated
striure en croix
estrias cruzadas
striature trasversali

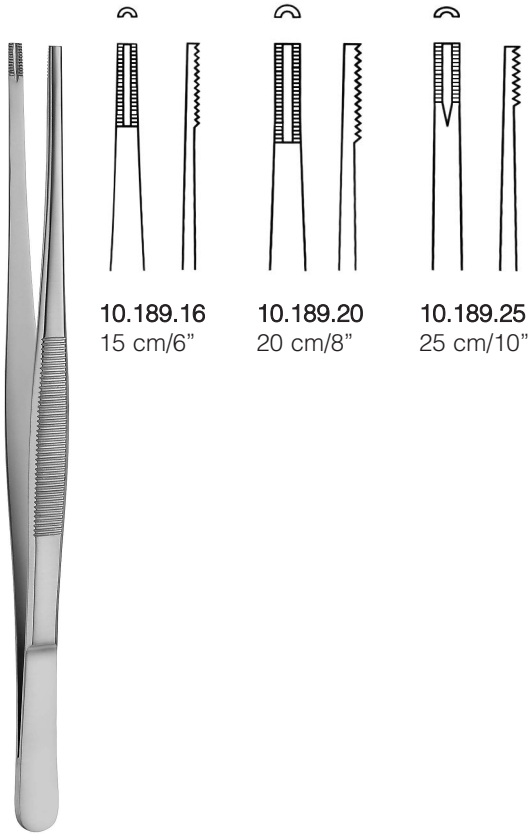
kreuzgerieft
cross serrated
striure en croix
estrias cruzadas
striature trasversali



10.191.12 12 cm/4¾” | **10.196.12** 12 cm/4¾” | **10.197.12** 12 cm/4¾” | **10.198.12** 12 cm/4¾” | **10.198.15** 15 cm/6”

fein
delicate
délicates
finas
delicate

ADSON



10.189.16 15 cm/6” | **10.189.20** 20 cm/8” | **10.189.25** 25 cm/10”

BROWN



1:2



10.206.18



10.208.18



0,4 mm



10.210.11
11 cm/4¼”

0,4 mm



10.210.15
15 cm/6”

0,5 mm



10.210.18
18 cm/7”

spitz
sharp
pointue
aguda
acuta

JEFFERSON
18 cm/7”

JACOBSON





10.212.19

spitz
sharp
pointue
aguda
acuta



10.214.19

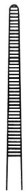
stumpf
blunt
mousse
romo
smusso

19,5 cm/7¾”

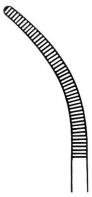




10.218.17



10.220.17



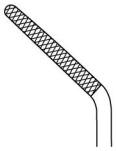
10.221.17

CUSHING
17 cm/6¾”





10.224.17



10.225.17

0,5
Normalprofil
Regular profile
Profil regulaire
Perfil regular
Profilo regolare

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC

CUSHING
17 cm/6¾”

1:2





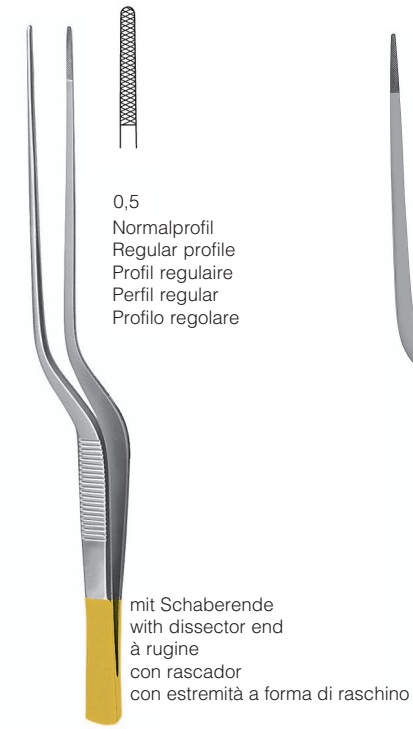
10.230.17



10.231.17

CUSHING
17 cm/6¾”

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC



0,5
Normalprofil
Regular profile
Profil regulaire
Perfil regular
Profilo regolare

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

CUSHING-TAYLOR
10.226.18
18,5 cm/7¼”



GRUENWALD
10.228.18
18,5 cm/7¼”



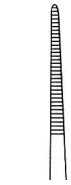
0,4
Miniprofil
Mini profile
Profil mini
Perfil mini
Profilo mini

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC

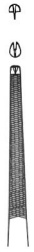
McINDOE
10.257.15
15 cm/6”



McINDOE
10.259.15
15 cm/6”



10.258.15



10.259.15

fein
delicate
délicates
finas
delicate

kreuzgerieft
cross serrated
striure en croix
estrias cruzadas
striature trasversali



SEMKEN



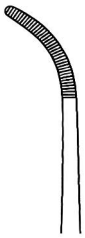
10.260.12
12,5 cm/5”



10.260.15
15 cm/6”



10.261.12
12,5 cm/5”



10.261.15
15 cm/6”



fein
delicate
délicates
finas
delicate

SEMKEN

1:2



10.268.12
12,5 cm/5”

1:2



10.268.14
14,5 cm/5¾”



SEMKEN

1:2
10.270.12
12,5 cm/5”

2:3
10.270.13
12,5 cm/5”

1:2
10.271.12
12,5 cm/5”

1:2
10.270.15
15 cm/6”

1:2
10.271.15
15 cm/6”



1:2

GILLIES
10.272.15
15,5 cm/6”



schmal
narrow
étroite
estrecha
stretta

WAUGH

kreuzgerieft
cross serrated
striure en croix
estrias cruzadas
striature trasversali

1:2
10.282.15
15 cm/6”

1:2
10.282.18
18 cm/7”

1:2
10.282.20
20 cm/8”

1:2
10.282.25
25 cm/10”

1:2
10.282.30
30,5 cm/12”



1:2

0,4

Miniprofil
Mini profile
Profil mini
Perfil mini
Profilo mini

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC

GILLIES
10.272.16
15,5 cm/6”



TAYLOR
10.274.17
17 cm/6¾”



TAYLOR
10.276.17
17,5 cm/7”



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

TAYLOR
10.277.17
18,5 cm/7¼”



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

TAYLOR
10.279.17
17 cm/6¾”



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

TAYLOR
10.278.17
17 cm/6¾”

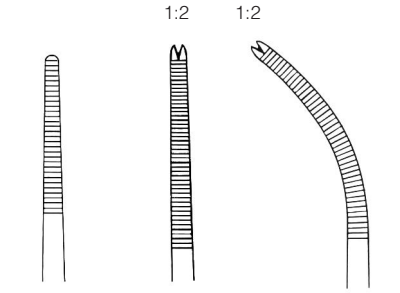


mit Schaberende
with dissector end
à rugine
con rascador
con estremità a forma di raschino

TAYLOR
10.280.17
17 cm/6¾”



BROPHY
20 cm/8”



10.288.20 **10.290.20** **10.287.20**









10.302.18
18 cm/7”

10.303.18
18 cm/7”

10.302.23
23 cm/9”

GERALD



1:2



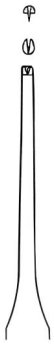
10.310.18
18 cm/7”

1:2



10.311.18
18 cm/7”

1:2

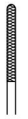


10.310.23
23 cm/9”

fein
delicate
délicates
finas
delicate

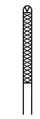
GERALD





0,3
Mikroprofil
Micro profile
Profil micro
Perfil micro
Profilo micro





1:2

0,4
Miniprofil
Mini profile
Profil mini
Perfil mini
Profilo mini

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC

GERALD
10.304.17
17,5 cm/7”

GERALD
10.306.17
17,5 cm/7”







1:2

10.314.20

10.298.20

DUEHRSSEN
20 cm/8”



WANGENSTEEN

15 cm/6”	**10.324.15**
23 cm/9”	**10.324.23**





0,5
Normalprofil
Regular profile
Profil regulaire
Perfil regular
Profilo regolare

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC

WANGENSTEEN

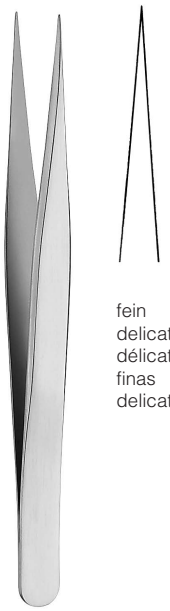
15 cm/6”	**10.326.15**
23 cm/9”	**10.326.23**
25 cm/10”	**10.326.25**



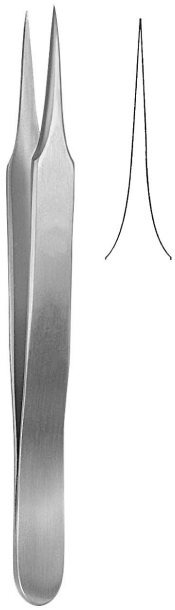
10.332.01
12 cm/4¾"
Fig. 1



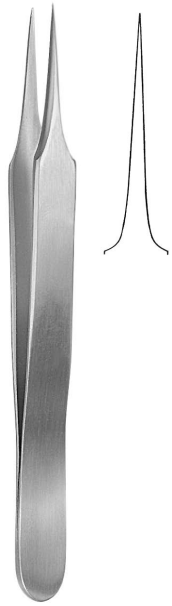
10.330.12
12 cm/4¾"
Fig. 3



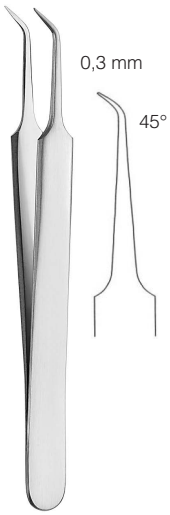
10.330.31
11 cm/4¼"
Fig. 3 C



10.332.04
11 cm/4¼"
Fig. 4



10.332.05
11 cm/4¼"
Fig. 5



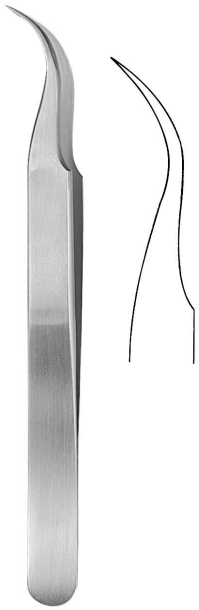
10.332.45
11 cm/4¼"
Fig. 5



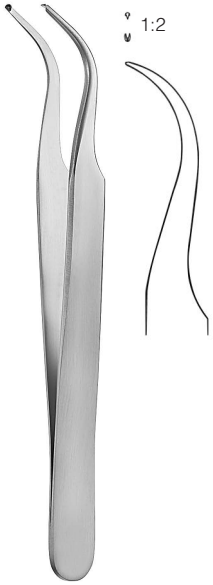
10.333.05
11 cm/4¼"
Fig. 5a



10.332.15
11 cm/4¼"
Fig. 6



10.331.12
12 cm/4¾"
Fig. 7



10.333.11
11,5 cm/4½"



14 cm/5½”

0,2 mm



10.818.14

0,3 mm



10.820.14



GRAEFE
42.810.10
10 cm/4”



GRAEFE
42.811.10
10 cm/4”



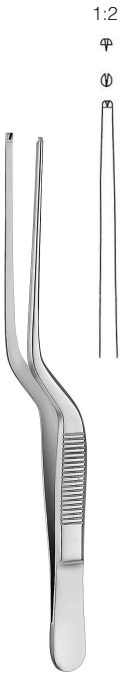
GRAEFE
42.813.10
10 cm/4”



LUCAE
44.206.14
14 cm/5½”

JANSEN
44.206.16
16 cm/6¼”

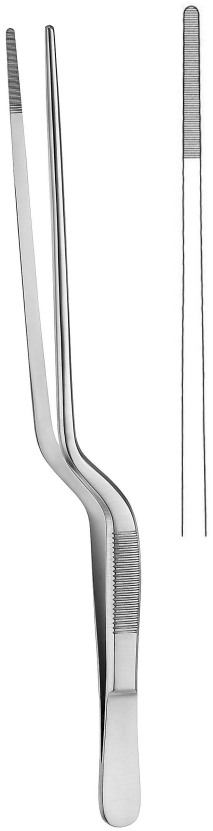
LUCAE
44.206.18
17,5 cm/7”



LUCAE
44.206.15
14 cm/5½”



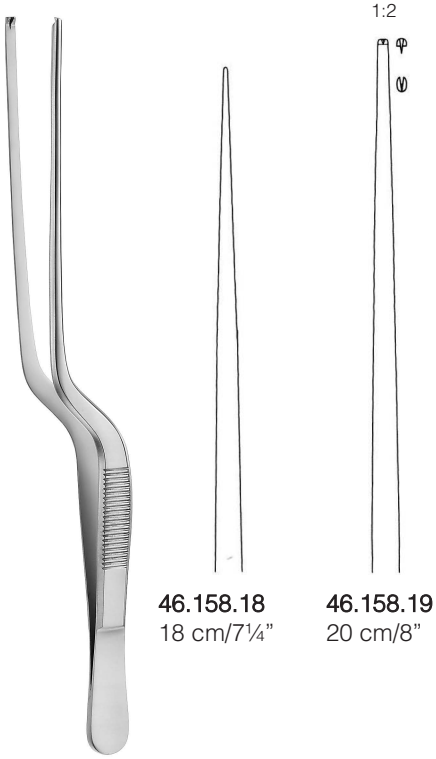
COTTLE
46.581.14
14 cm/5½”



JANSEN
46.154.20
20 cm/8”



JANSEN
46.156.16
16 cm/6¼”



GRUENWALD

46.158.18
18 cm/7¼”

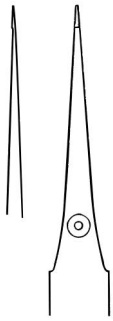
46.158.19
20 cm/8”

06

MIKRO-PINZETTEN
MICRO THUMB & TISSUE FORCEPS
MICRO PINCES
MICRO PINZAS
MICRO PINZE



0,3 mm



11.102.12
12 cm/4¾”

0,3 mm



11.103.12
12 cm/4¾”

0,3 mm



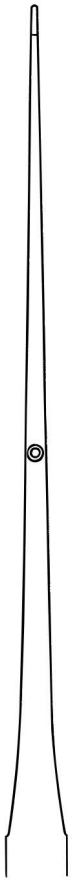
11.104.15
15 cm/6”

0,3 mm



11.105.15
15 cm/6”

0,6 mm



0,6 mm



11.108.18
18 cm/7”

0,6 mm



11.109.18
18 cm/7”

11.108.23
23 cm/9”

Leichtmetall Rundgriffe, gut ausbalanciert
Light-weight round handles, well-balanced
Manches ronds en métal léger, bien équilibrés
Mangos redondos de metal ligero, bien equilibrados
Manici rotondi metallo leggero, equilibrio perfetto



0,3 mm



11.110.15
15 cm/6”

0,3 mm



11.111.15
15 cm/6”

0,6 mm

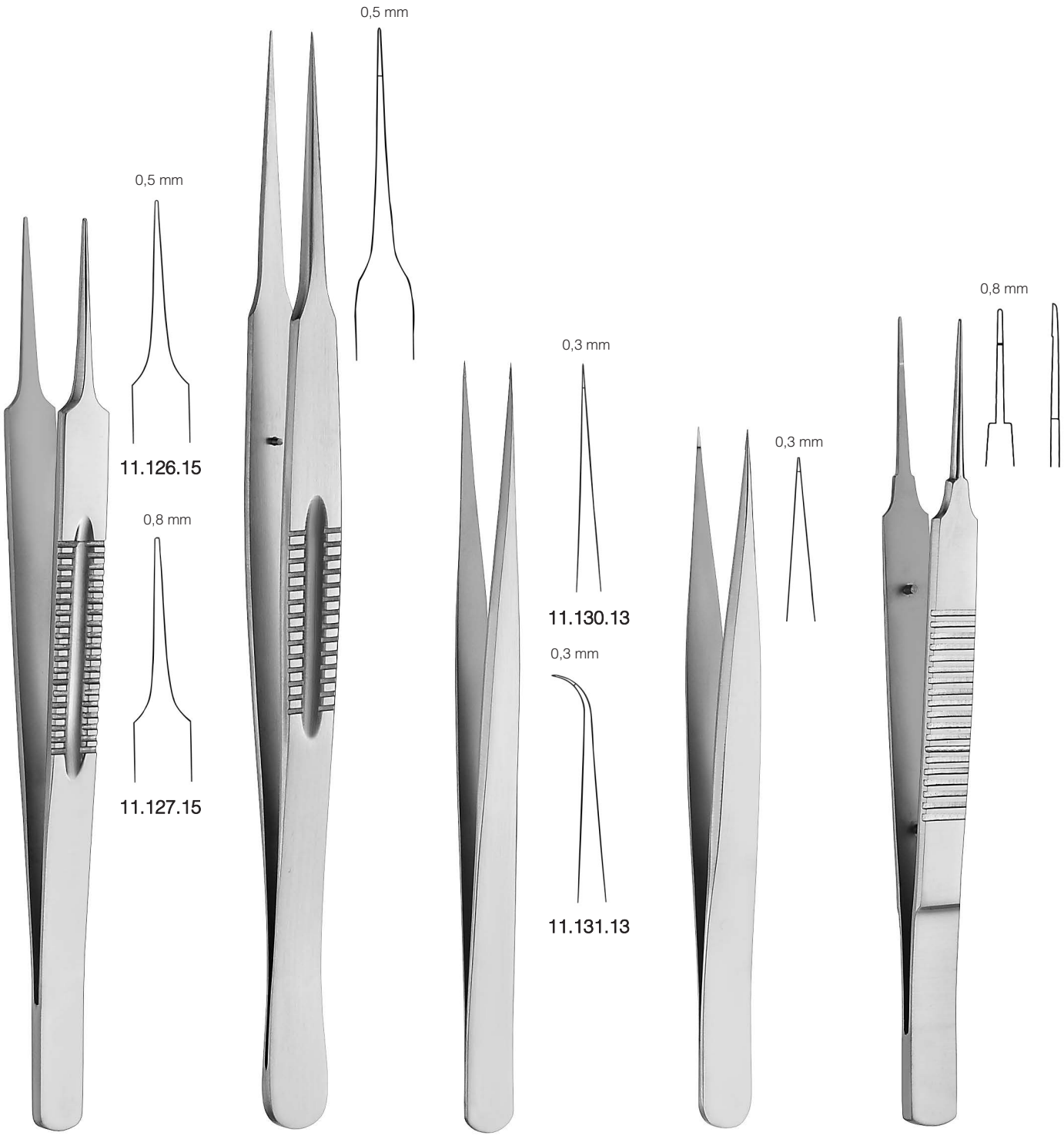


11.110.18
18 cm/7”

0,6 mm



11.111.18
18 cm/7”



LAZAR
15,5 cm/6”

11.128.18
18,5 cm/7¼”

VISE
13,5 cm/5¼”

11.132.12
12 cm/4¾”

AUSTIN
11.134.14
14 cm/5½”

Leichtmetall Rundgriffe, gut ausbalanciert
Light-weight round handles, well-balanced
Manches ronds en métal léger, bien équilibrés
Mangos redondos de metal ligero, bien equilibrados
Manici rotondi metallo leggero, equilibrio perfetto

1:2



11.138.18 11.136.18



GOMEL
18 cm/7”

0,2 mm



11.218.15
15 cm/6”

spitz
sharp
pointue
aguda
acuta

0,3 mm



11.220.15
15 cm/6”

stumpf
blunt
mousse
roma
smussa

0,2 mm



11.219.15
15 cm/6”

spitz
sharp
pointue
aguda
acuta

0,3 mm



11.221.15
15 cm/6”

stumpf
blunt
mousse
roma
smussa

0,2 mm



11.218.18
18 cm/7”

spitz
sharp
pointue
aguda
acuta

0,3 mm



11.220.18
18 cm/7”

stumpf
blunt
mousse
roma
smussa

0,2 mm



11.219.18
18 cm/7”

spitz
sharp
pointue
aguda
acuta

0,3 mm



11.221.18
18 cm/7”

stumpf
blunt
mousse
roma
smussa

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

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

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

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

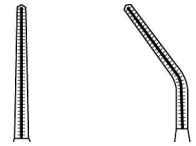
- manico ergonomico
- design appariscente
- maneggio sicuro e delicato
- purificazione facile
- non incline de la sporcizia



TOLEDO

ATRAUMA

DE BAKEY



	1,0 mm	1,0 mm
18 cm/7”	11.230.18	11.231.18
21 cm/8¼”	11.230.21	11.231.21



	1 x 2	1 x 2
18 cm/7”	11.232.18	11.233.18
21 cm/8¼”	11.232.21	11.233.21

diamantiertes Maul
diamond coated jaws
mors diamanté
boca diamantada
morso diamantato



18 cm/7”	11.234.18	11.235.18	11.244.18	11.245.18
21 cm/8¼”	11.234.21	11.235.21	11.244.21	11.245.21

diamantiertes Maul
diamond coated jaws
mors diamanté
boca diamantada
morso diamantato



	Ø 1 x 0,5 mm	Ø 1 x 0,5 mm
18 cm/7”	11.238.18	11.248.18
21 cm/8¼”	11.238.21	11.248.21

ATRAUMA

DE BAKEY

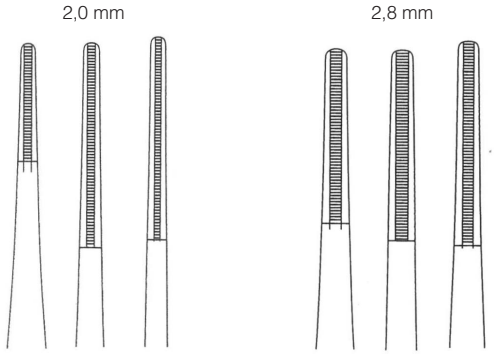


DE BAKEY



15 cm/6”	11.290.15	11.300.16	11.302.16
20 cm/8”	11.290.20	11.300.20	11.302.20
24 cm/9½”	11.290.24	11.300.24	11.302.24

Titan
Titanium
Titane
Titanio
Titanio

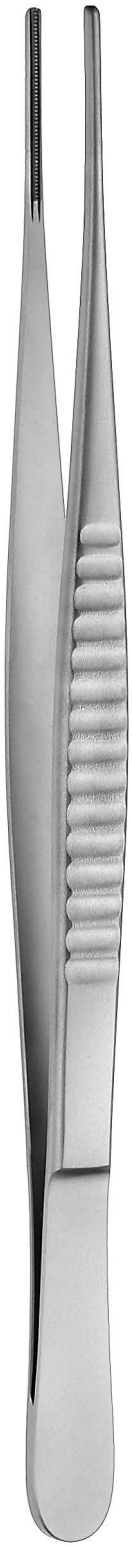


15 cm/6”	11.292.15	11.298.15
20 cm/8”	11.292.20	11.298.20
24 cm/9½”	11.292.24	11.298.24

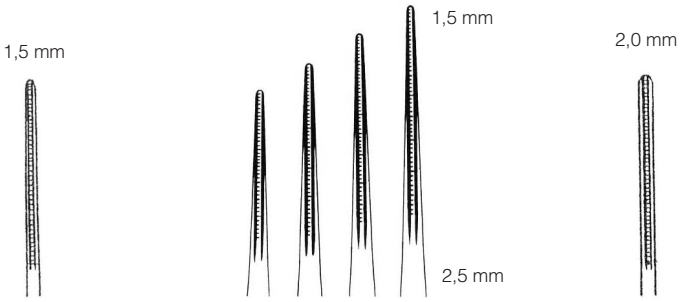
Titan
Titanium
Titane
Titanio
Titanio

ATRAUMA

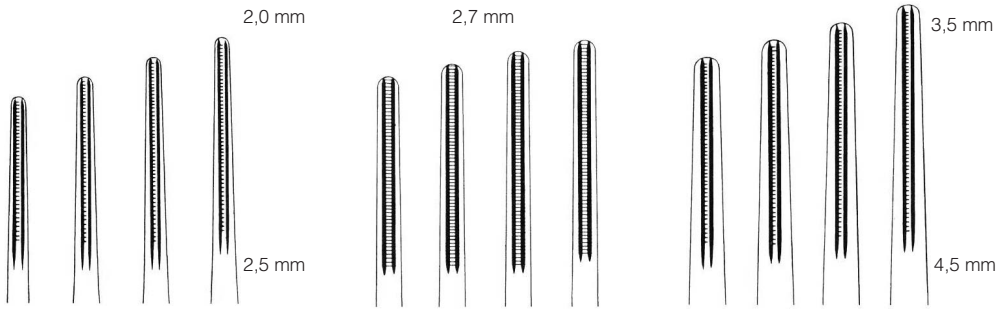
DE BAKEY



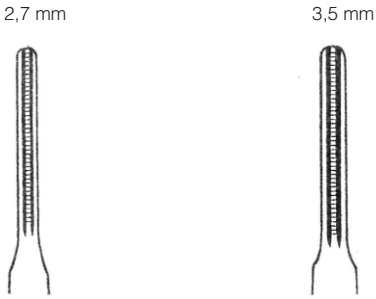
DE BAKEY



15 cm/6”			11.324.15
16 cm/6¼”		11.306.16	
19,5 cm/7¾”	11.322.20		11.324.20
20 cm/8”		11.306.20	
24 cm/9½”	11.322.24	11.306.24	11.324.24
30 cm/12”	11.322.30	11.306.30	11.324.30



16 cm/6¼”	11.308.16	11.304.16	11.310.16
20 cm/8”	11.308.20	11.304.20	11.310.20
24 cm/9½”	11.308.24	11.304.24	11.310.24
30 cm/12”	11.308.30	11.304.30	11.310.30
35 cm/14”			11.310.35
40 cm/16”			11.310.40



15 cm/6”	11.332.15	11.334.15
19,5 cm/7¾”	11.332.20	11.334.20
24 cm/9½”	11.332.24	11.334.24
30 cm/12”	11.332.30	11.334.30
35 cm/14”		11.334.35

ATRAUMA

DE BAKEY



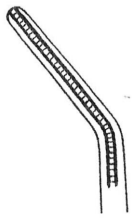
DE BAKEY

2,0 mm



16 cm/6¼”	**11.309.16**
20 cm/8”	**11.309.20**
24 cm/9½”	**11.309.24**
30 cm/12”	**11.309.30**

2,7 mm



15 cm/6”	**11.333.15**
19,5 cm/7¾”	**11.333.20**
24 cm/9½”	**11.333.24**
30 cm/12”	**11.333.30**

ATRAUMA

COOLEY

2,0 mm



COOLEY

16 cm/6¼”	**11.314.16**
20 cm/8”	**11.314.20**
24 cm/9½”	**11.314.24**

ATRAUMA

DE BAKEY

1,0 mm



DE BAKEY

15 cm/6”	**11.315.15**
19,5 cm/7¾”	**11.315.19**
24 cm/9½”	**11.315.24**

ATRAUMA

DE BAKEY

1,5 mm



DE BAKEY-DIETHRICH

15 cm/6”	**11.316.16**
19,5 cm/7¾”	**11.316.20**
24 cm/9½”	**11.316.24**

ATRAUMA

DE BAKEY



DE BAKEY-ADSON

12 cm/4¾”	**11.318.12**
15 cm/6”	**11.318.15**

1,2 mm



ATRAUMA

DE BAKEY

DE BAKEY-GERALD

18 cm/7”	**11.430.18**

ATRAUMA

DE BAKEY

2,0 mm



DE BAKEY-WHEELER

24 cm/9½”	**11.456.24**



ATRAUMA

COOLEY



11.462.15
15 cm/6”
4 mm

11.462.24
24 cm/9½”
8 mm

GLASSMAN

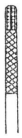
ATRAUMA

DE BAKEY

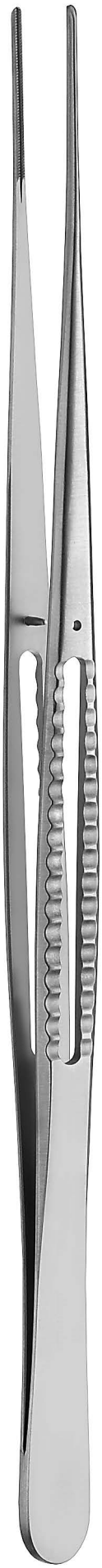
mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC



DE BAKEY

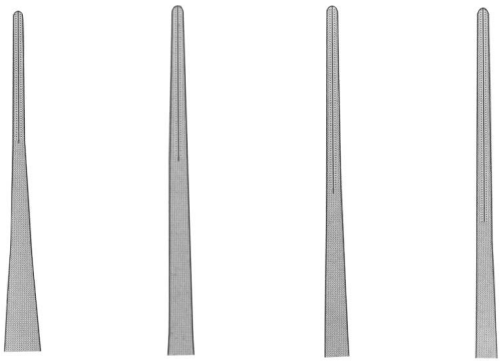
	1,5 mm 6 x 12	2,0 mm 6 x 12	2,7 mm 6 x 12	3,5 mm 6 x 12
				
15 cm/6”	**11.404.15**	**11.412.15**	**11.414.15**	**11.416.15**
19,5 cm/7¾”	**11.404.19**	**11.412.19**	**11.414.19**	**11.416.19**
24 cm/9½”	**11.404.24**	**11.412.24**	**11.414.24**	**11.416.24**

	1,5 mm 2 x 4	2,0 mm 2 x 4	2,7 mm 2 x 4	3,5 mm 2 x 4
				
15 cm/6”	**11.402.15**	**11.422.15**	**11.424.15**	**11.426.15**
19,5 cm/7¾”	**11.402.20**	**11.422.19**	**11.424.19**	**11.426.19**
24 cm/9½”	**11.402.24**	**11.422.24**	**11.424.24**	**11.426.24**



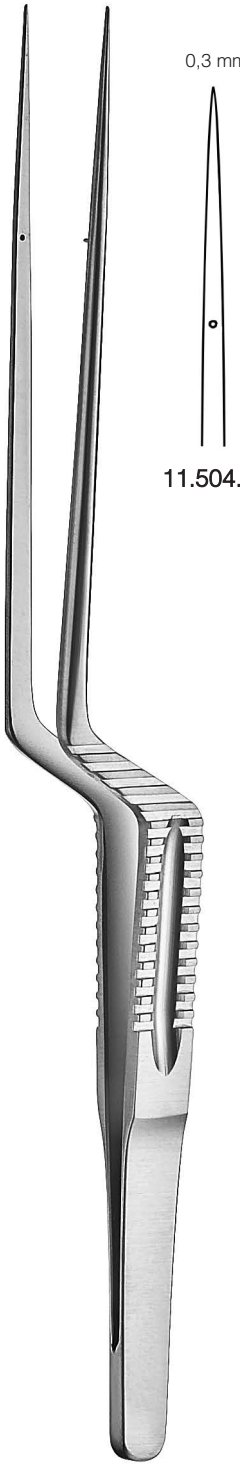
ULTRA-LIGHT

1,2 mm | 1,5 mm | 1,5 mm | 1,5 mm



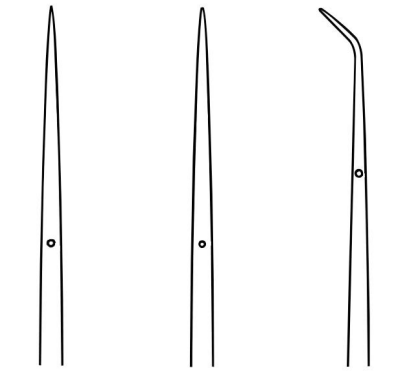
11.428.15 15 cm/6”
11.428.20 20 cm/8”
11.428.24 24 cm/9½”
11.428.30 30 cm/12”

extrem leicht
extremely light
extrêmement légère
especialmente ligera
estremamente leggera



18,5 cm/7¼”

0,3 mm | 0,6 mm | 0,6 mm



11.504.01 **11.504.02** **11.504.03**

Ligaturpinzetten
Ligature forceps
Pinces à ligature
Pinzas para ligaduras
Pinze per legatura



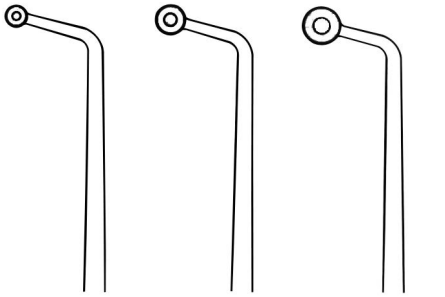
11.505.19
18,5 cm/7¼”



YASARGIL

	0,6 mm	0,9 mm	1:2
			
16 cm/6¼”	**11.506.16**	**11.509.16**	
18 cm/7”	**11.506.18**	**11.509.18**	**11.510.18**
20 cm/8”	**11.506.20**	**11.509.20**	
22 cm/8¾”	**11.506.22**	**11.509.22**	
24 cm/9½”	**11.506.24**	**11.509.24**	

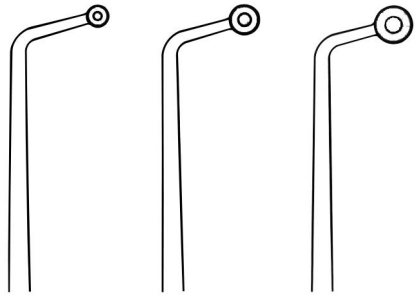




11.502.03
3 mm

11.502.04
4 mm

11.502.05
5 mm



11.503.03
3 mm

11.503.04
4 mm

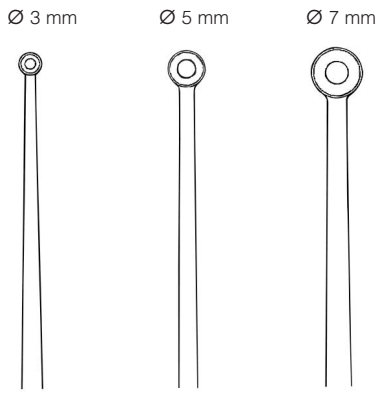
11.503.05
5 mm

Maul löffelförmig
Jaw spoon-shaped
Mors en forme de cuillère
Boca en forma de cuchara
Morso a forma di cucchiaio

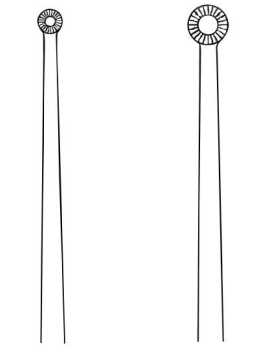
SAMII
23 cm/9”



YASARGIL



	Ø 3 mm	Ø 5 mm	Ø 7 mm
22 cm/8¾”	**11.513.22**	**11.515.22**	
24 cm/9½”	**11.513.24**	**11.515.24**	**11.517.24**

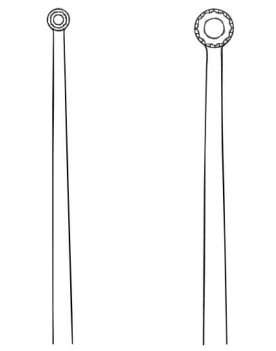


Ø 3 mm

11.521.22
22 cm/8¾”

Ø 5 mm

11.523.22
22 cm/8¾”



Ø 3 mm

HEIFETZ
11.522.22
22 cm/8¾”

Ø 5 mm

HEIFETZ
11.525.22
22 cm/8¾”

Ø 3 mm

Ø 5 mm



11.524.22

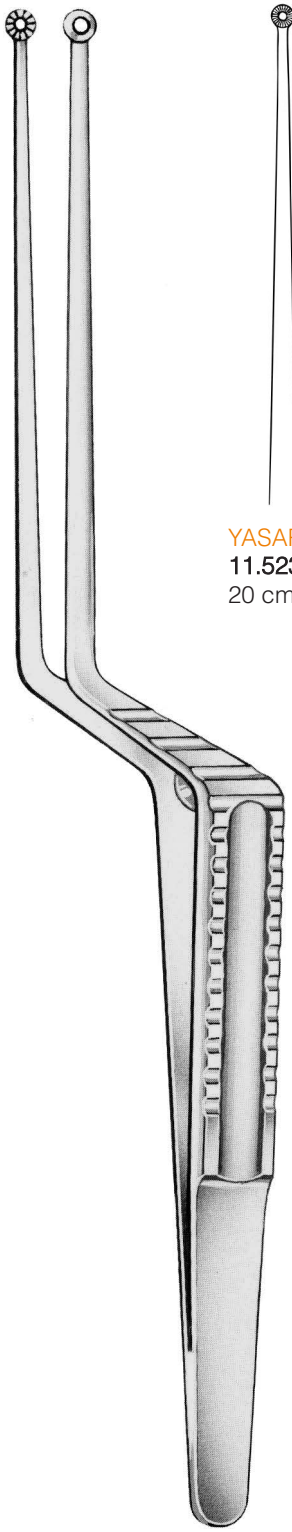
11.527.22

HEIFETZ
22 cm/8¾”

Ø 5 mm



HUNT
11.529.20
20 cm/8”



Ø 3 mm

YASARGIL
11.523.20
20 cm/8”

Ø 5 mm



HUNT
11.531.20
20 cm/8”

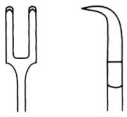


3 mm



YASARGIL
11.533.22

5 mm



YASARGIL
11.535.22

22 cm/8¾”

diamantiertes Maul
diamond coated jaws
mors diamanté
boca diamantada
morso diamantato




6 x 0,4 mm


6 x 0,4 mm


6 x 0,7 mm


6 x 0,7 mm

15 cm/6”	10.564.15	10.565.15	10.566.15	10.567.15
18 cm/7”	10.564.18	10.565.18	10.566.18	10.567.18
21 cm/8¼”			10.566.21	10.567.21
23 cm/9”			10.566.23	10.567.23

15 cm/6”	11.578.15	11.579.15	11.580.15	11.581.15	Titan
18 cm/7”	11.578.18	11.579.18	11.580.18	11.581.18	Titanium
21 cm/8¼”			11.580.21	11.581.21	Titane Titanio Titanio


6 x 0,4 mm
1:2


6 x 0,4 mm
1:2


6 x 0,7 mm
1:2


6 x 0,7 mm
1:2

15 cm/6”	10.568.15	10.569.15	10.570.15	10.571.15
18 cm/7”	10.568.18	10.569.18	10.570.18	10.571.18
21 cm/8¼”			10.570.21	10.571.21
23 cm/9”			10.570.23	10.571.23

15 cm/6”	11.582.15	11.583.15	11.584.15	11.585.15	Titan
18 cm/7”	11.582.18	11.583.18	11.584.18	11.585.18	Titanium
21 cm/8¼”			11.584.21	11.585.21	Titane Titanio Titanio


Ø 1 x 0,5 mm


Ø 2 x 1,0 mm


1,2 mm

ATRAUMA


DE BAKEY

15 cm/6”	10.574.15	10.576.15	10.589.15
18 cm/7”	10.574.18	10.576.18	10.589.18
21 cm/8¼”	10.574.21	10.576.21	10.589.21
23 cm/9”	10.574.23	10.576.23	

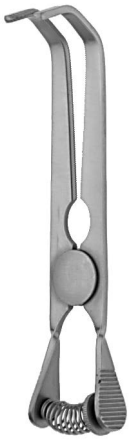
15 cm/6”	11.586.15	11.588.15	11.590.15	Titan
18 cm/7”	11.586.18	11.588.18	11.590.18	Titanium
21 cm/8¼”	11.586.21	11.588.21	11.590.21	Titane Titanio Titanio

07

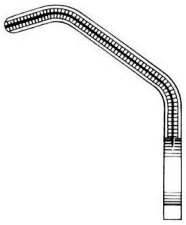
ARTERIENKLEMMEN
HEMOSTATIC FORCEPS
PINCES HÉMOSTATIQUES
PINZAS HEMOSTÁTICAS
PINZE EMOSTATICHE

ATRAUMA

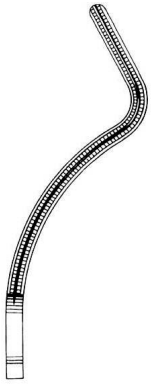
DE BAKEY



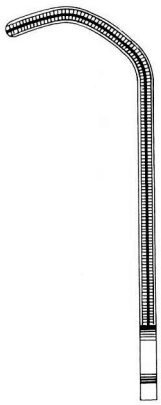
DE BAKEY



SATINSKY
12.059.07
7 cm/2¾”



DE BAKEY
12.061.09
9 cm/3½”



DE BAKEY
SATINSKY
12.063.10
10 cm/4”



GLOVER
12.065.06
5,5 cm/2¼”, 35 mm



GLOVER
12.070.35
3,5 cm/1½”



GLOVER
12.071.35
3,5 cm/1½”



GLOVER
12.070.45
4,5 cm/1¾”



GLOVER
12.071.45
4,5 cm/1¾”



GLOVER
12.070.50
5 cm/2”

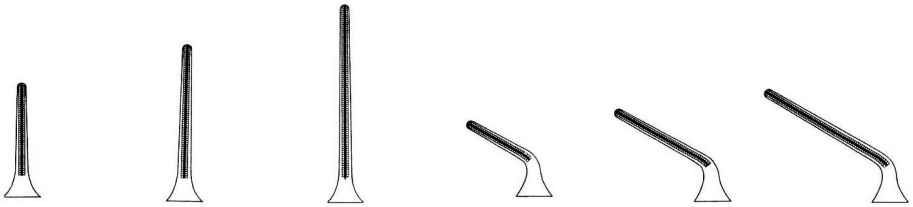


GLOVER
12.071.50
5 cm/2”

ATRAUMA

DE BAKEY

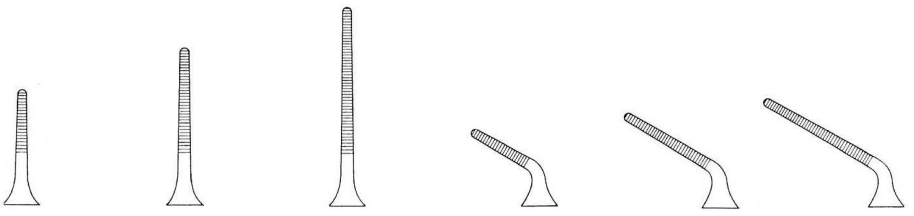
DE BAKEY-DIETHRICH



	12.078.10	12.078.14	12.078.20	12.079.10	12.079.14	12.079.20
Länge Length Longueur Longitud Lunghezza	5 cm/2”	5 cm/2”	6 cm/2½”	5 cm/2”	5 cm/2”	6 cm/2½”
Maullänge Jaw length Longueur des mors Longitud de la boca Lunghezza del morso	10 mm	14 mm	20 mm	10 mm	14 mm	20 mm
Gewicht Weight Poids Peso Peso	3 gr.	3 gr.	3 gr.	3 gr.	3 gr.	3 gr.
Schließdruck Closing pressure Pression d'occlusion Presión de oclusión Pression di occlusiva	180 gr.	180 gr.	180 gr.	180 gr.	180 gr.	180 gr.



DIETHRICH



	12.082.08	12.082.12	12.082.16	12.083.08	12.083.12	12.083.16
Länge Length Longueur Longitud Lunghezza	5 cm/2”	5 cm/2”	6 cm/2½”	5 cm/2”	5 cm/2”	6 cm/2½”
Maullänge Jaw length Longueur des mors Longitud de la boca Lunghezza del morso	8 mm	12 mm	20 mm	8 mm	12 mm	20 mm
Gewicht Weight Poids Peso Peso	3 gr.	3 gr.	3 gr.	3 gr.	3 gr.	3 gr.
Schließdruck Closing pressure Pression d'occlusion Presión de oclusión Pression di occlusiva	50 gr.	50 gr.	50 gr.	50 gr.	50 gr.	50 gr.

ATRAUMA

DE BAKEY



DE BAKEY



12.092.07
7,5 cm/3”



12.092.08
8,5 cm/3½”



12.092.10
10,5 cm/4¼”



12.092.12
12 cm/4¾”



12.093.07
7 cm/2¾”



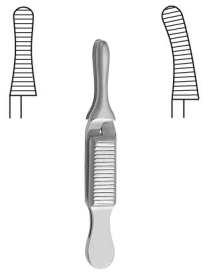
12.093.08
8 cm/3¼”



12.093.10
10 cm/4”

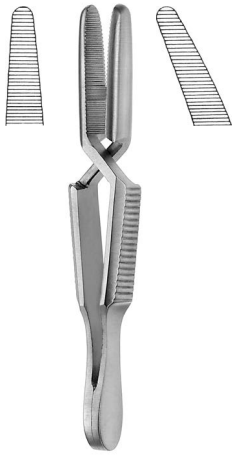


12.093.12
11,5 cm/4¾”



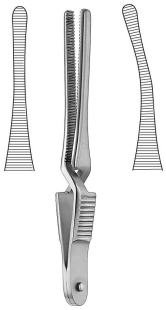
DIEFFENBACH

3,5 cm/1½”	12.102.04	12.103.04
5 cm/2”	12.102.05	12.103.05



DIEFFENBACH

5,8 cm/2¼”	12.104.06	12.105.06



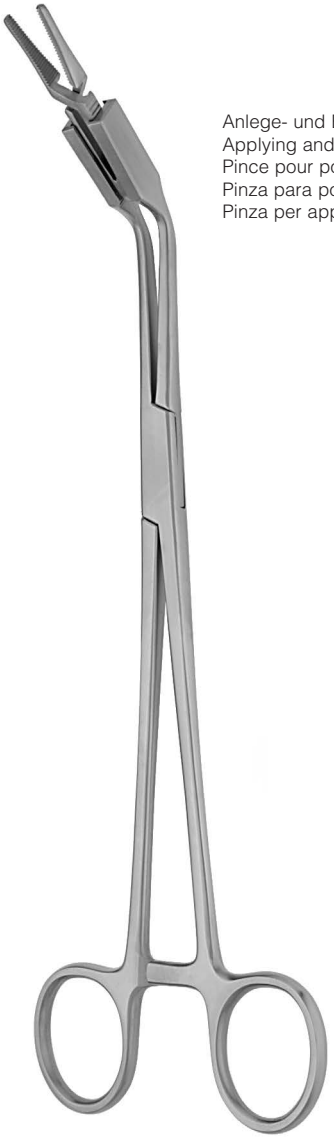
JOHN-HOPKINS

5 cm/2”	12.110.50	12.111.50
5,5 cm/2¼”	12.110.55	12.111.55
6,5 cm/2½”	12.110.65	12.111.65
7 cm/2¾”	12.110.70	12.111.70
7,5 cm/3”	12.110.75	12.111.75
9 cm/3½”	12.110.90	12.111.90

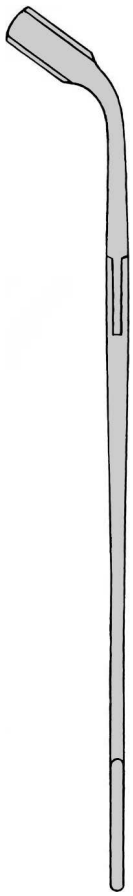


DE BAKEY-HESS

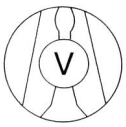
Maullänge Jaw length Longueur des mors Longitud de la boca Lunghezza del morso	12.112.20 20 mm	12.112.30 30 mm



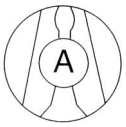
Anlege- und Entfernungszange für Bulldogklemmen
Applying and removing forceps for Bulldog clamps
Pince pour poser et retirer les clamps Bulldog
Pinza para poner y quitar clamps Bulldog
Pinza per applicare e rimuovere clamps



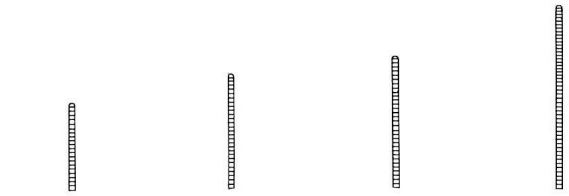
12.091.23
23 cm/8¼”



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

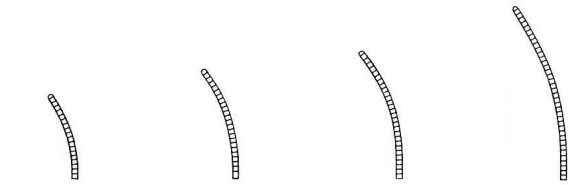


starke Schließkraft, für Arterien
strong closing pressure, for arteries
force de fermeture forte, pour artères
fuerza de cierre fuerte, para arterias
forza di chiusura forte, per arterie

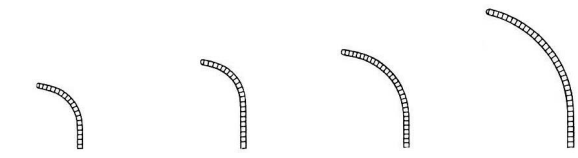


	3 cm	3,5 cm	4 cm	5 cm	
Vena	12.132.30	12.132.35	12.132.40	12.132.50	Titan Titanium Titane Titanio Titanio
Arteria	12.142.30	12.142.35	12.142.40	12.142.50	





	3 cm	3,5 cm	4 cm	5 cm	
Vena	12.133.30	12.133.35	12.133.40	12.133.50	Titan Titanium Titane Titanio Titanio
Arteria	12.143.30	12.143.35	12.143.40	12.143.50	



	3 cm	3,5 cm	4 cm	5 cm	
Vena	12.135.30	12.135.35	12.135.40	12.135.50	Titan Titanium Titane Titanio Titanio
Arteria	12.145.30	12.145.35	12.145.40	12.145.50	

1:2



TERRIER
12.206.08
8,5 cm/3¼”

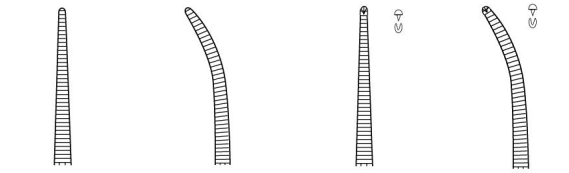


CARREL
12.208.08
8,5 cm/3¼”

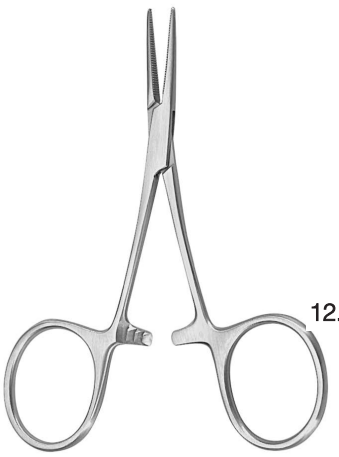


HARTMANN (Baby-Mosquito)
9 cm/3½”

1:2 1:2

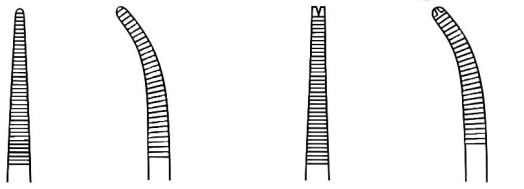


12.210.09 **12.211.09** **12.212.09** **12.213.09**



HARTMANN
10 cm/4”

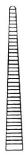
1:2 1:2



12.210.10 **12.211.10** **12.212.10** **12.213.10**



HALSTED-MOSQUITO



12.220.12
12.224.12
12,5 cm/5”



12.220.14
14,5 cm/5¾”



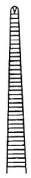
12.221.12
12.225.12
12,5 cm/5”



12.221.14
14,5 cm/5½”

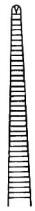
Titan
Titanium
Titane
Titanio
Titanio

1:2



12.230.12
12.234.12
12,5 cm/5”

1:2



12.230.14
14,5 cm/5¾”

1:2



12.231.12
12.235.12
12,5 cm/5”

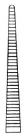
1:2



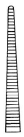
12.231.14
14,5 cm/5½”



HALSTED-MOSQUITO micro



12.222.10
10 cm/4”



12.222.12
12 cm/4¾”



12.223.10
10 cm/4”



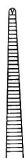
12.223.12
12 cm/4¾”

1:2



12.232.10
10 cm/4”

1:2



12.232.12
12 cm/4¾”

1:2

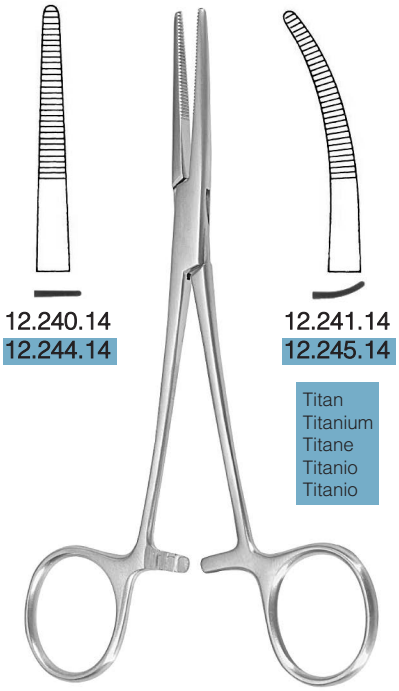


12.233.10
10 cm/4”

1:2



12.233.12
12 cm/4¾”

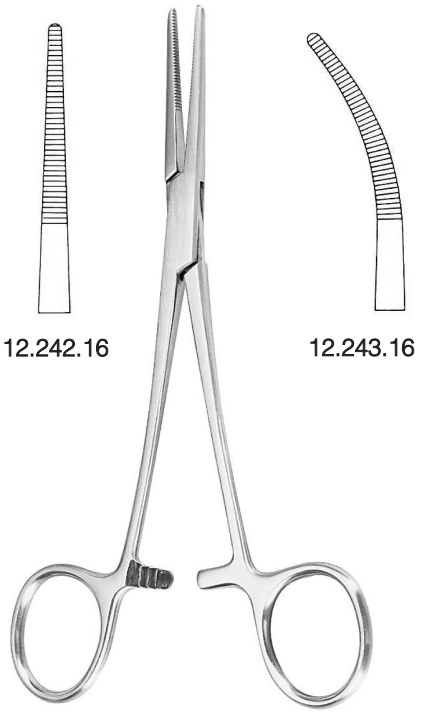


12.240.14
12.244.14

12.241.14
12.245.14

Titan
Titanium
Titane
Titanio
Titanio

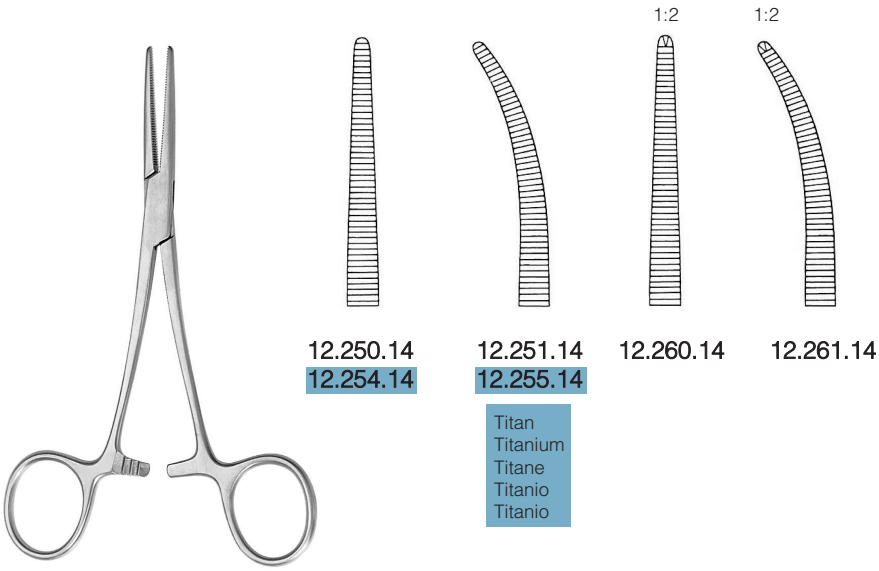
KELLY
14 cm/5½”



12.242.16

12.243.16

KELLY-RANKIN
16 cm/6¼”



12.250.14
12.254.14

12.251.14
12.255.14

1:2
12.260.14

1:2
12.261.14

Titan
Titanium
Titane
Titanio
Titanio

CRILE
14 cm/5½”

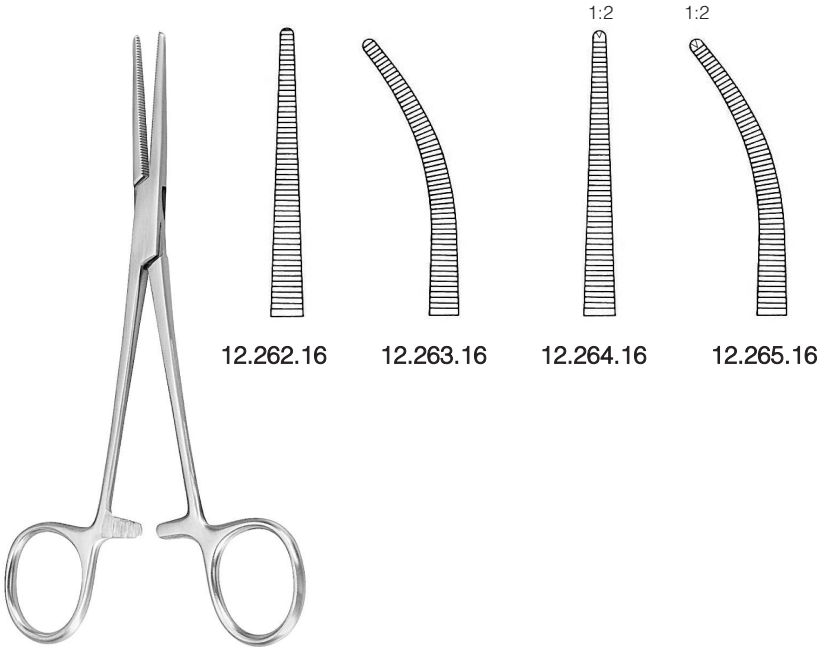


12.252.14

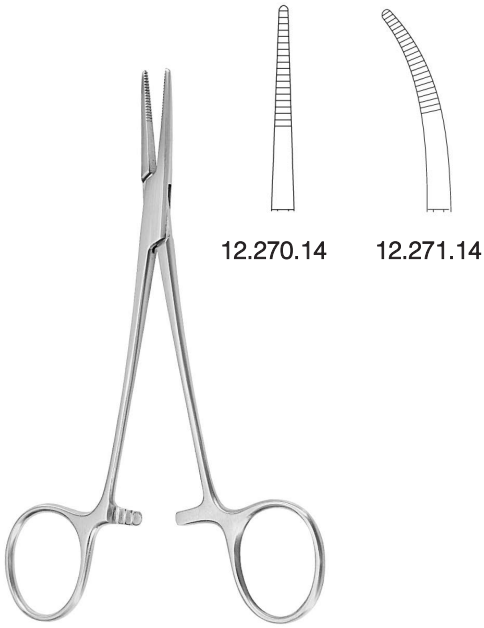
12.253.14

fein
delicate
délicates
finas
delicate

CRILE
14 cm/5½”



CRILE-RANKIN
16 cm/6¼”

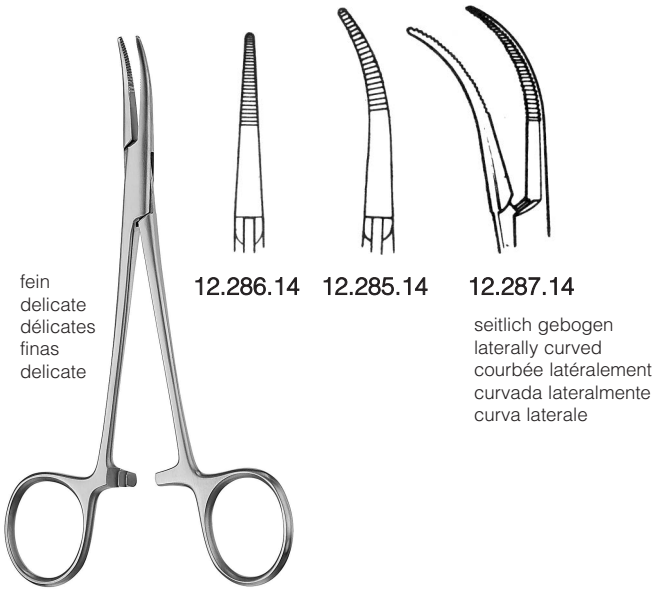


PROVIDENCE-HOSPITAL
14 cm/5½”



CAIRNS
15 cm/6”

	DUNHILL	
12,5 cm/5”	12.276.13	12.277.13



CUSHING
14,5 cm/5¾”



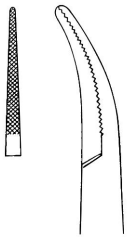
	MOYNIHAN	
15 cm/6”	**12.278.14**	**12.279.14**



seitlich gebogen
laterally curved
courbée latéralement
curvada lateralmente
curva laterale

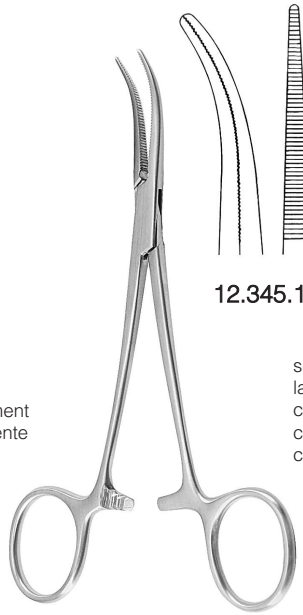
MOYNIHAN
12.279.15
14,5 cm/5¾”

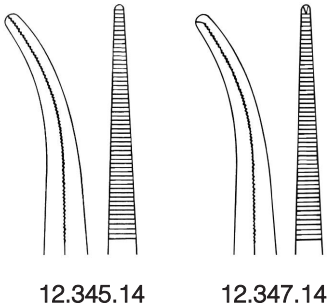




seitlich gebogen
laterally curved
courbée latéralement
curvada lateralmente
curva laterale

DANDY
12.344.12
12 cm/4¾”

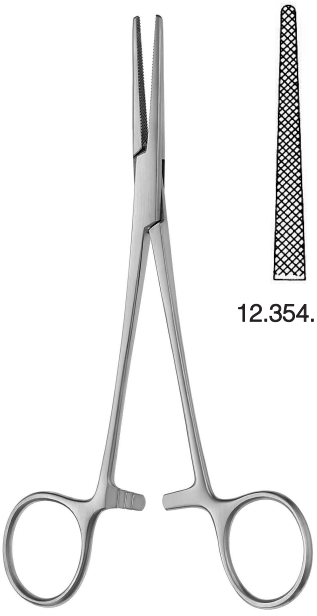




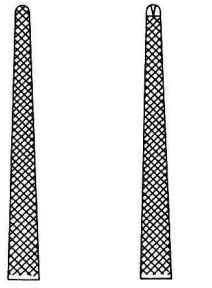
12.345.14 **12.347.14**

seitlich gebogen
laterally curved
courbée latéralement
curvada lateralmente
curva laterale

DANDY
14,5 cm/5¾”



1:2



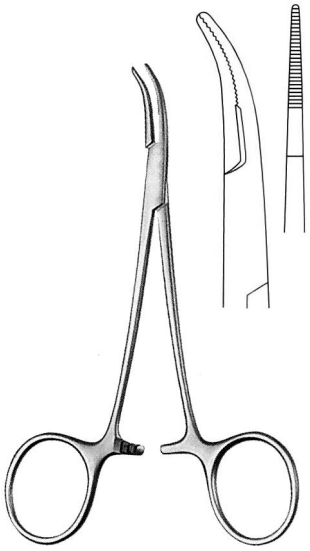
12.354.15 **12.356.15**

LOVELACE
16 cm/6¼”



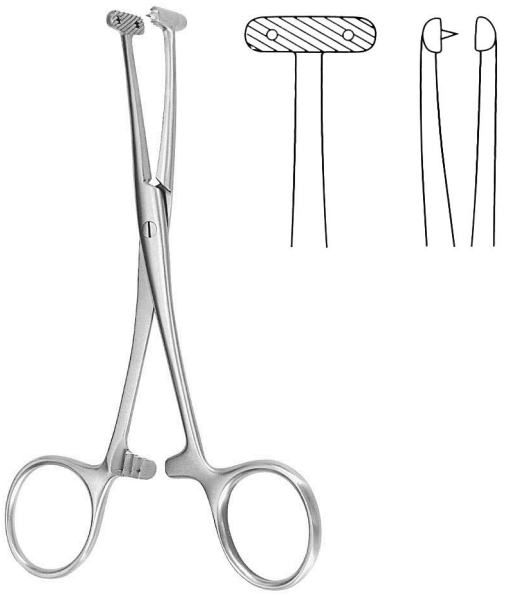
seitlich gebogen
laterally curved
courbée latéralement
curvada lateralmente
curva laterale

RAIMONDI
12.346.13
12,5 cm/5”



seitlich gebogen
laterally curved
courbée latéralement
curvada lateralmente
curva laterale

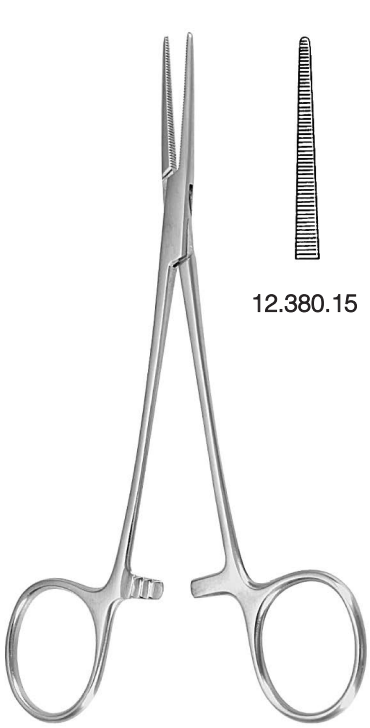
HOEN
12.348.14
13,5 cm/5¼”

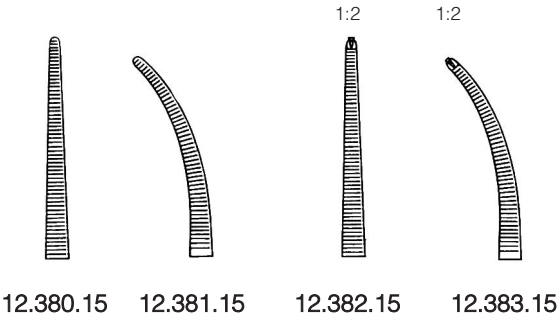


MARTEL
12.364.14
14 cm/5½”



WILLET-MARTEL
12.366.19
19 cm/7½”

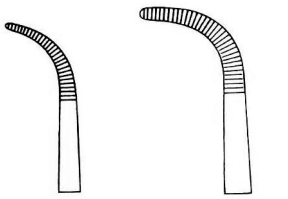




12.380.15 12.381.15 12.382.15 12.383.15

LERICHE
15 cm/6”





12.415.14
14 cm/5½”

12.415.18
18 cm/7”

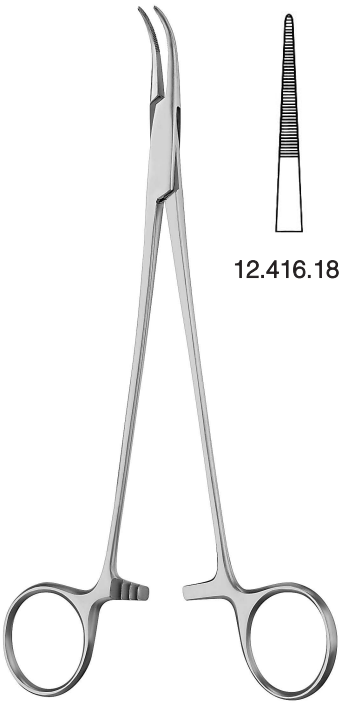
ADSON Baby

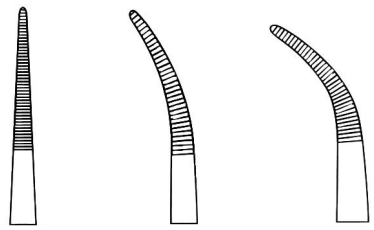




12.416.12 12.417.12

JACOBSON
12,5 cm/5”





12.416.18 12.417.18 12.419.18

JACOBSON
18 cm/7”



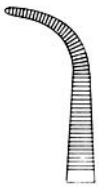
GEMINI



12.431.13
13 cm/5”



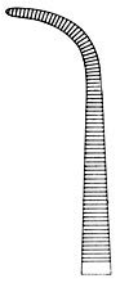
12.431.14
14 cm/5½”



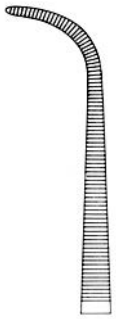
12.431.16
16 cm/6¼”



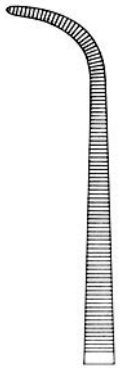
12.431.18
18 cm/7”



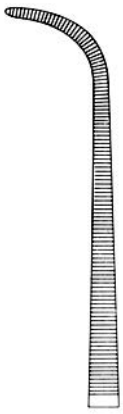
12.431.20
20 cm/8”



12.431.23
23 cm/9”



12.431.25
25 cm/10”



12.431.28
28 cm/11”



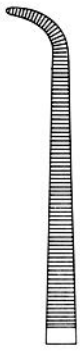
GEMINI mini



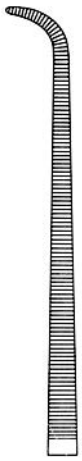
12.433.18
18 cm/7”



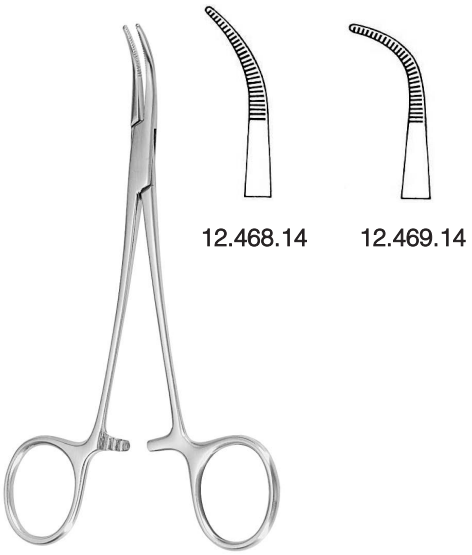
12.433.22
22 cm/8¾”



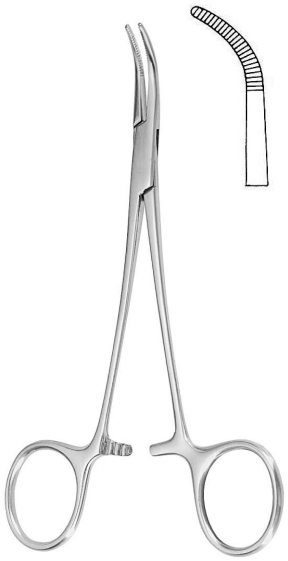
12.433.25
25 cm/10”



12.433.28
28 cm/11”



Baby MIXTER
14 cm/5½”

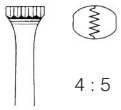


MIXTER Baby
12.475.14
14 cm/5½”

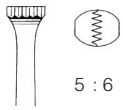


MIXTER Baby
12.475.18
18 cm/7”





15 cm/6”	**64.110.15**
19 cm/7½”	**64.110.19**
25 cm/10”	**64.110.25**



15 cm/6”	**64.120.15**
19 cm/7½”	**64.120.19**
22 cm/8¾”	**64.120.22**
24 cm/9½”	**64.120.24**
30 cm/12”	**64.120.30**

ALLIS

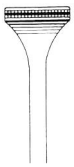


64.124.16
16 cm/6¼”



64.124.20
20 cm/8”

64.124.25
25 cm/10”



64.124.30
30 cm/12”

ATRAUMA
DE BAKEY

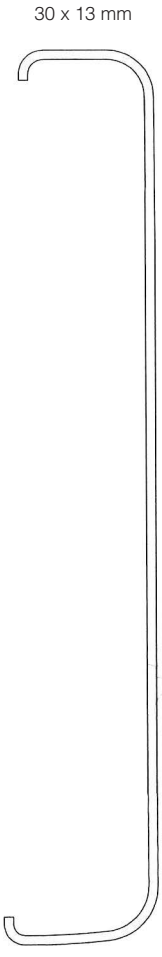
ALLIS Atrauma

08

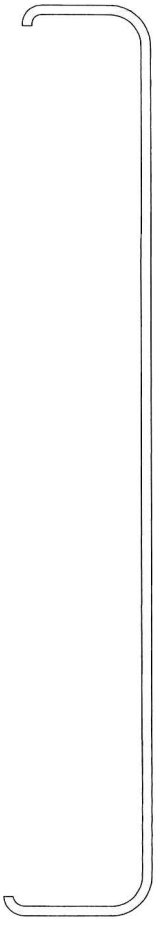
WUNDHAKEN
RETRACTORS
ÉCARTEURS
SEPARADORES
DIVARICATORI



LANE
23 cm/9”



18.125.23



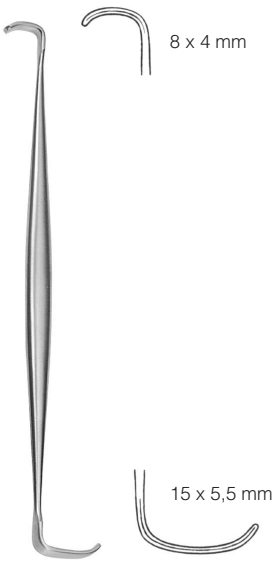
18.126.23



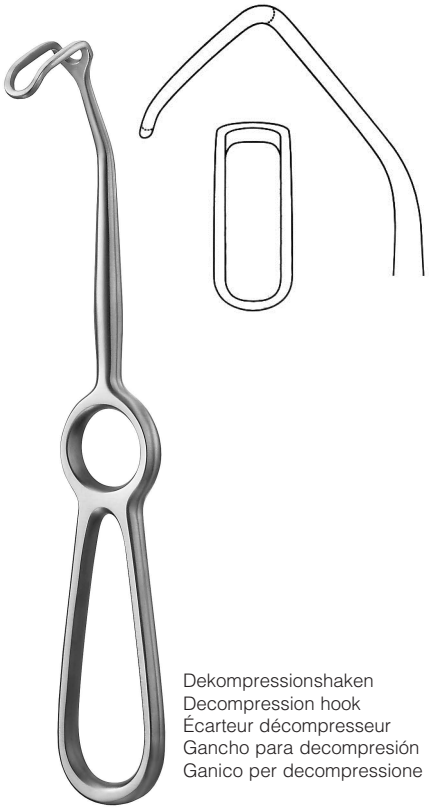
Blattretraktor
Blade retractor
Lame écarteur
Cuchilla retractor
Lama divaricator

CLOWARD

18 mm	**18.165.18**
20 mm	**18.165.20**
23 mm	**18.165.23**

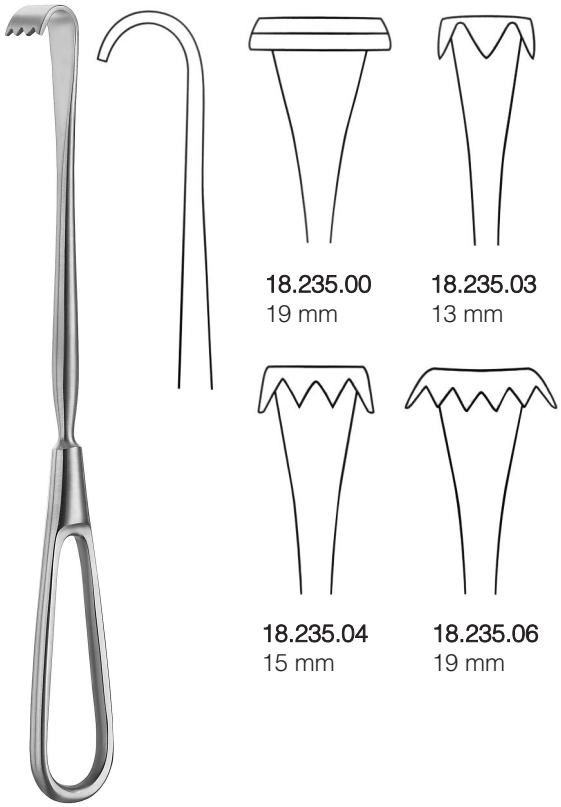


RAGNELL-DAVIS
18.242.14
14 cm/5½”



Dekompressionshaken
Decompression hook
Écarteur décompresseur
Gancho para decompresión
Ganico per decompressione

CUSHING
18.234.20
20 cm/8”



OLDBERG

18.235.00
19 mm

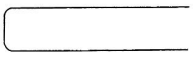
18.235.03
13 mm

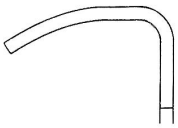
18.235.04
15 mm

18.235.06
19 mm

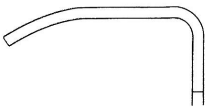


KOCHER-LANGENBECK
22 cm/8½”

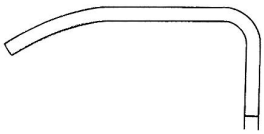




18.342.01
25x6 mm



18.342.04
35x15 mm



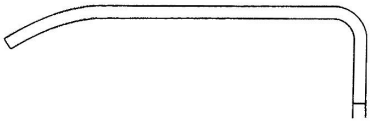
18.342.02
35x8 mm



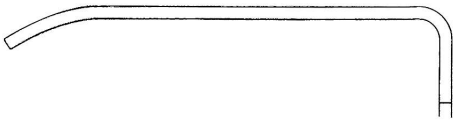
18.342.05
40x11 mm



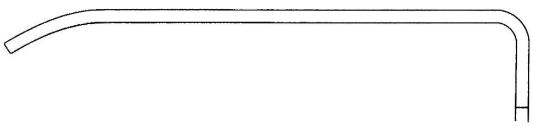
18.342.03
35x11 mm



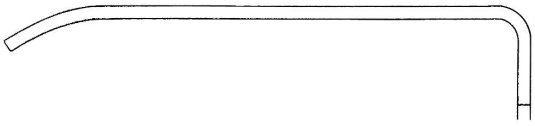
18.342.06
55x11 mm



18.342.07
70x14 mm



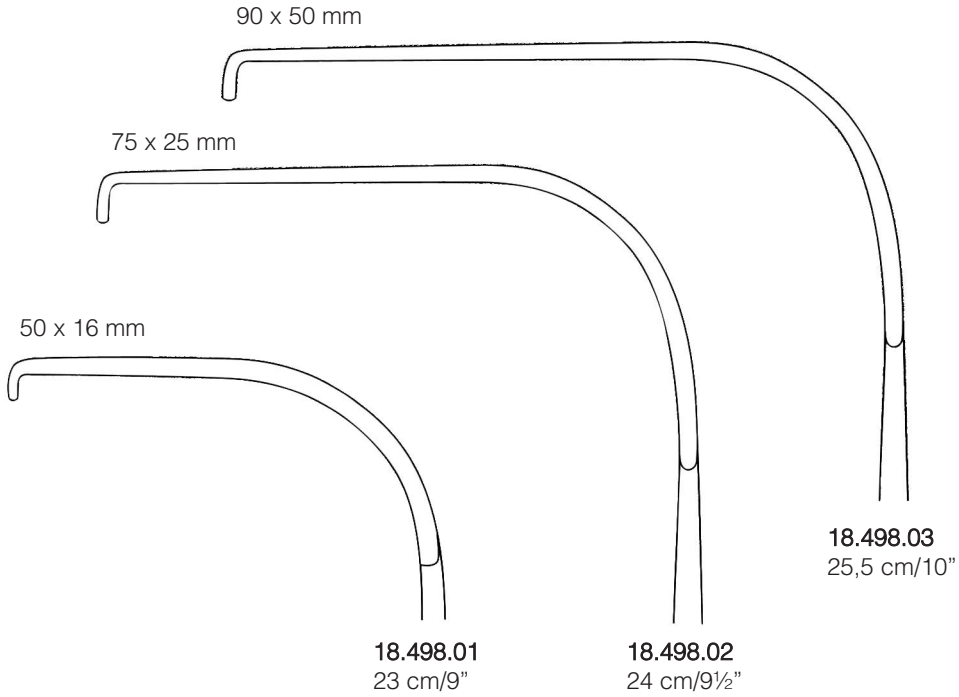
18.342.08
80x12 mm



18.342.09
80x16 mm



MEYERDING



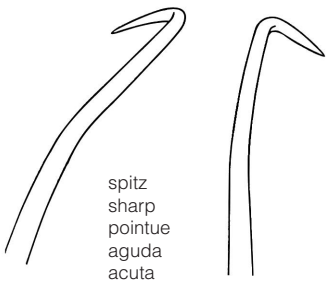
18.498.03
25,5 cm/10”

18.498.01
23 cm/9”

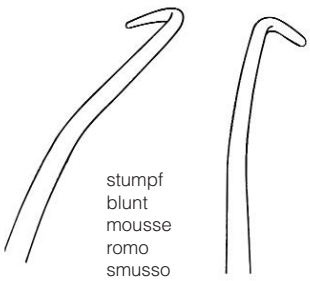
18.498.02
24 cm/9½”



GELPI



9 cm/3½”	**18.802.09**
11 cm/4¼”	**18.802.11**
14 cm/5½”	**18.802.14**
16 cm/6¼”	**18.802.16**
18 cm/7”	**18.802.18**

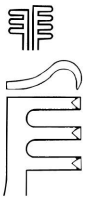


18 cm/7”	**18.803.18**



FINSEN

2 x 3



18.610.05
5 cm/2”

spitz
sharp
pointu
agudo
acuto

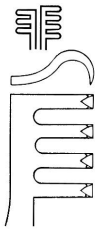
2 x 3



18.611.05
5 cm/2”

stumpf
blunt
mousse
romo
smusso

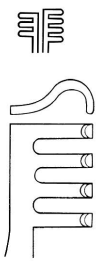
3 x 4



18.610.07
7 cm/2¾”

spitz
sharp
pointu
agudo
acuto

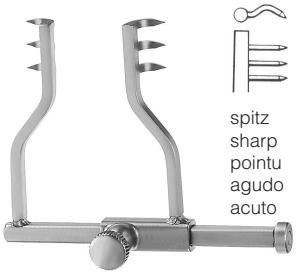
3 x 4



18.611.07
7 cm/2¾”

stumpf
blunt
mousse
romo
smusso

mit Stellschraube
with adjusting screw
avec vis d’ajustage
con tornillo de ajuste
con vite di arresto



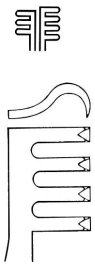
spitz
sharp
pointu
agudo
acuto

LOGAN
18.612.04
4 cm/1½”

mit Stellschraube
with adjusting screw
avec vis d’ajustage
con tornillo de ajuste
con vite di arresto

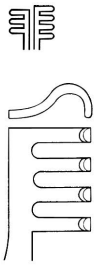


FINSEN
7 cm/2¾”



18.613.07
3 : 4

spitz
sharp
pointu
agudo
acuto



18.614.07
3 : 4

stumpf
blunt
mousse
romo
smusso

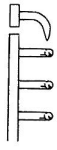


ALM



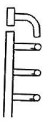
18.620.07
7 cm/2¾”

scharf
sharp
pointu
agudo
acuto



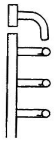
18.620.10
10 cm/4”

scharf
sharp
pointu
agudo
acuto



18.621.07
7 cm/2¾”

stumpf
blunt
mousse
romo
smusso



18.621.10
10 cm/4”

stumpf
blunt
mousse
romo
smusso

3 x 3



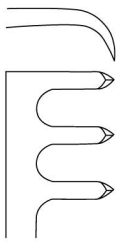
18.628.10
spitz
sharp
pointu
agudo
acuto

18.629.10
stumpf
blunt
mousse
romo
smusso

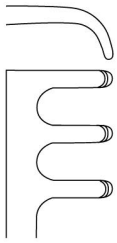
JANSEN-GIFFORD
10 cm/4”

3 x 3





18.630.10
spitz
sharp
pointu
agudo
acuto



18.631.10
stumpf
blunt
mousse
romo
smusso

JANSEN
10 cm/4”



JANSEN-WAGNER
18.632.11
11 cm/4¼”

4 x 4



18.636.10
spitz
sharp
pointu
agudo
acuto

18.637.10
stumpf
blunt
mousse
romo
smusso

JANSEN
10,5 cm/4¼”

4 x 4
6 mm

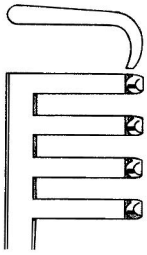


18.634.10
spitz
sharp
pointu
agudo
acuto

DIMEDA
10 cm/4”

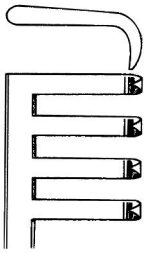


HENLEY
16,5 cm/6½”



18.660.16
3 : 4

stumpf
blunt
mousse
romo
smusso



18.661.16
3 : 4

scharf
sharp
pointu
agudo
acuto

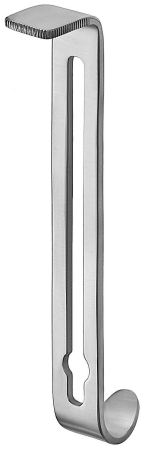
mit Mittelvalven
18.661.17 - 18.661.19

with central blades
18.661.17 - 18.661.19

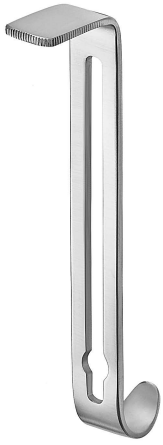
avec lames centrales
18.661.17 - 18.661.19

con valvas centrales
18.661.17 - 18.661.19

con lamierine centrali
18.661.17 - 18.661.19



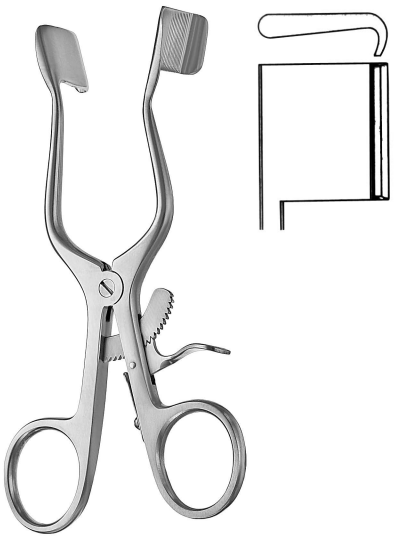
18.661.17
16x19 mm
⅝“x¾”



18.661.18
16X25 mm
⅝“x1”



18.661.19
16x32 mm
⅝“x1¼”



WEITLANER
18.667.13
13,5 cm/5¼”

3 x 4



WEITLANER
13 cm/5”



18.668.13

scharf
sharp
pointu
agudo
acuto



18.669.13

stumpf
blunt
mousse
romo
smusso

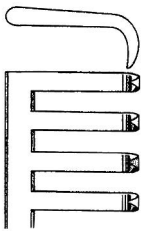


18.672.13

halbscharf
semi-sharp
semi-pointu
semi agudo
semi acuto

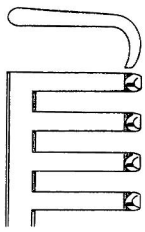


WEITLANER



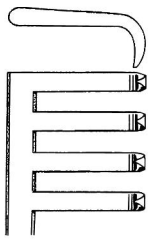
18.670.14
14 cm/5½”
3 : 4

scharf
sharp
pointu
agudo
acuto



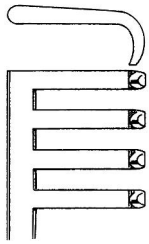
18.671.14
14 cm/4½”
3 : 4

stumpf
blunt
mousse
romo
smusso



18.670.16
16,5 cm/6½”
3 : 4

scharf
sharp
pointu
agudo
acuto

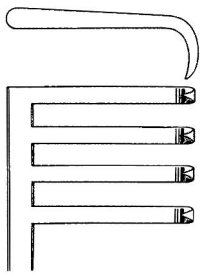


18.671.16
16,5 cm/6½”
3 : 4

stumpf
blunt
mousse
romo
smusso

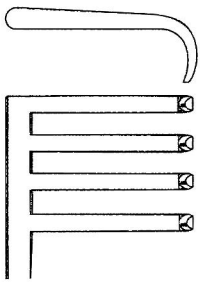


WEITLANER
20 cm/8”



18.670.20
3 : 4

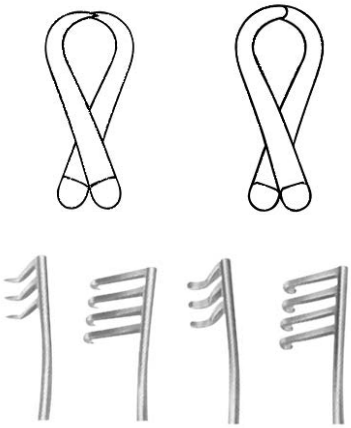
scharf
sharp
pointu
agudo
acuto



18.671.20
3 : 4

stumpf
blunt
mousse
romo
smusso





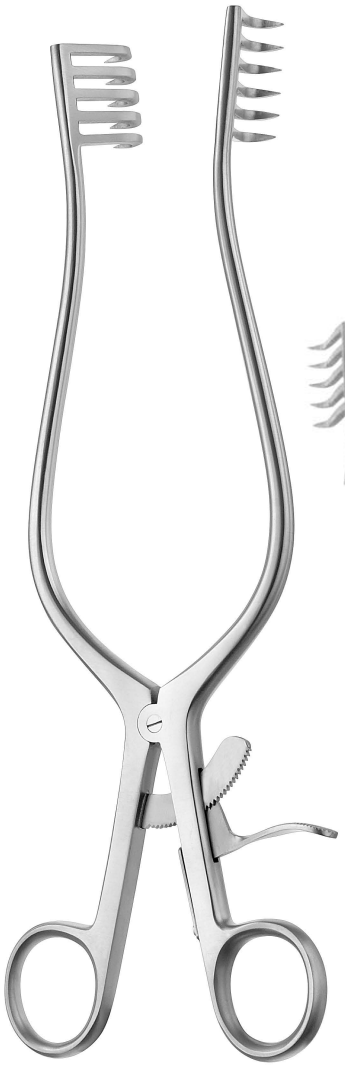
18.670.25
3 : 4

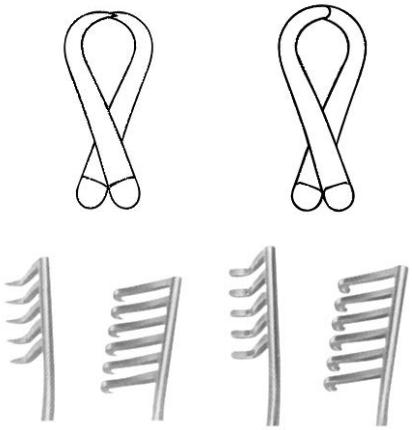
scharf
sharp
pointu
agudo
acuto

18.671.25
3 : 4

stumpf
blunt
mousse
romo
smusso

WEITLANER
25 cm/10”





18.670.26
5 : 6

scharf
sharp
pointu
agudo
acuto

18.671.26
5 : 6

stumpf
blunt
mousse
romo
smusso

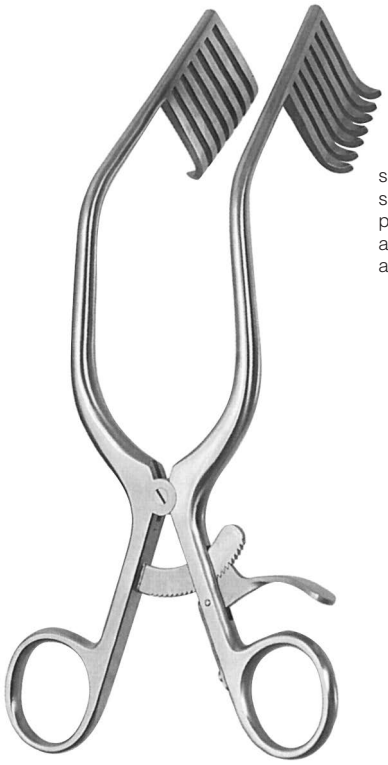
WEITLANER
26 cm/10¼”



3 x 4

halbscharf
semi-sharp
semi-pointu
semi agudo
semi acuto

WEITLANER
18.672.16
16,5 cm/6½”

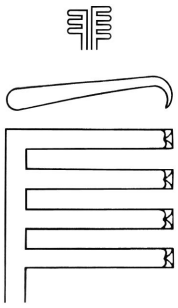


scharf
sharp
pointu
agudo
acuto

MISKIMON
18.676.22
22 cm/8¼”
35 mm

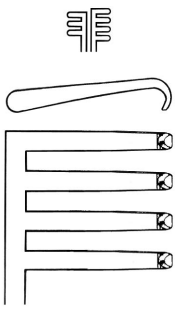


ANDERSON-ADSON
20 cm/8”



18.678.20
4 : 4

scharf
sharp
pointu
agudo
acuto

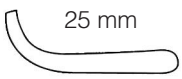


18.679.20
4 : 4

stumpf
blunt
mousse
romo
smusso



ADSON
19 cm/7½”



25 mm

18.680.19

scharf
sharp
pointu
agudo
acuto

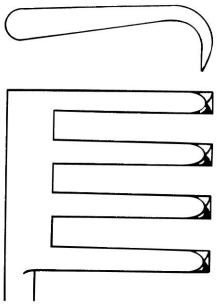
18.681.19

stumpf
blunt
mousse
romo
smusso

80 mm

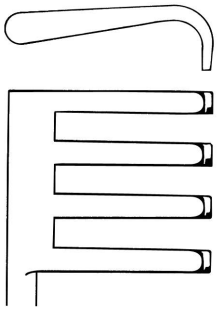


ADSON
26,5 cm/10½”



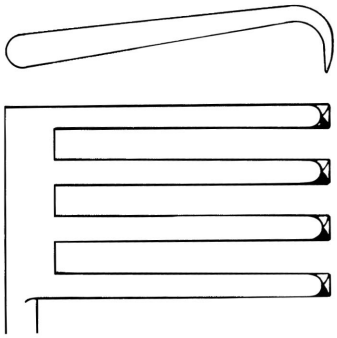
18.682.26
3 : 4

scharf
sharp
pointu
agudo
acuto



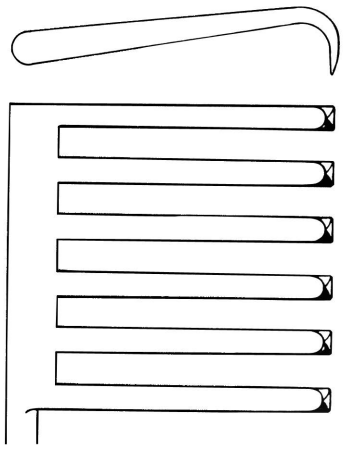
18.683.26
3 : 4

stumpf
blunt
mousse
romo
smusso



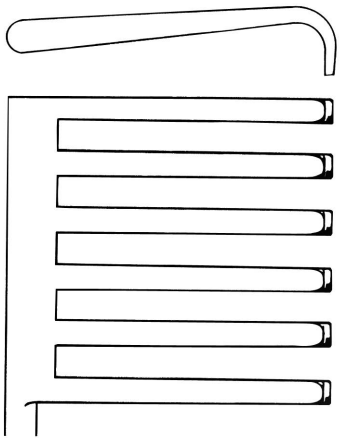
18.682.25
3 : 4

scharf
sharp
pointu
agudo
acuto



18.682.27
5 : 6

scharf
sharp
pointu
agudo
acuto

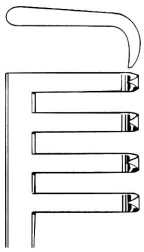


18.683.27
5 : 6

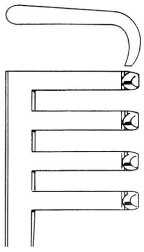
stumpf
blunt
mousse
romo
smusso



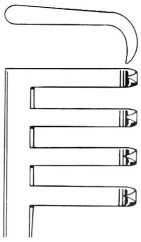
ADSON
3 : 4



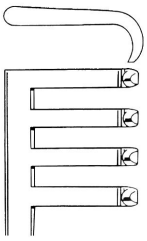
18.684.13
13,5 cm/5¼”



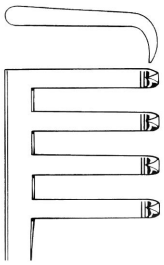
18.685.13
13,5 cm/5¼”



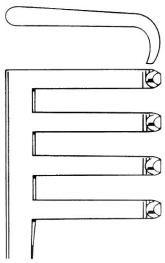
18.684.16
16,5 cm/6½”



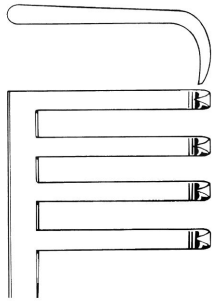
18.685.16
16,5 cm/6½”



18.684.20
21 cm/8¼”

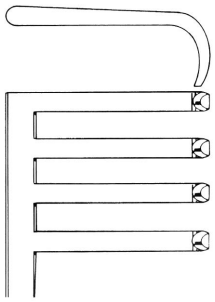


18.685.20
20 cm/8”



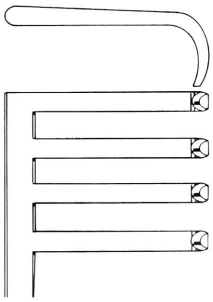
18.684.26
24,5 cm/9¾”

scharf
sharp
pointu
agudo
acuto



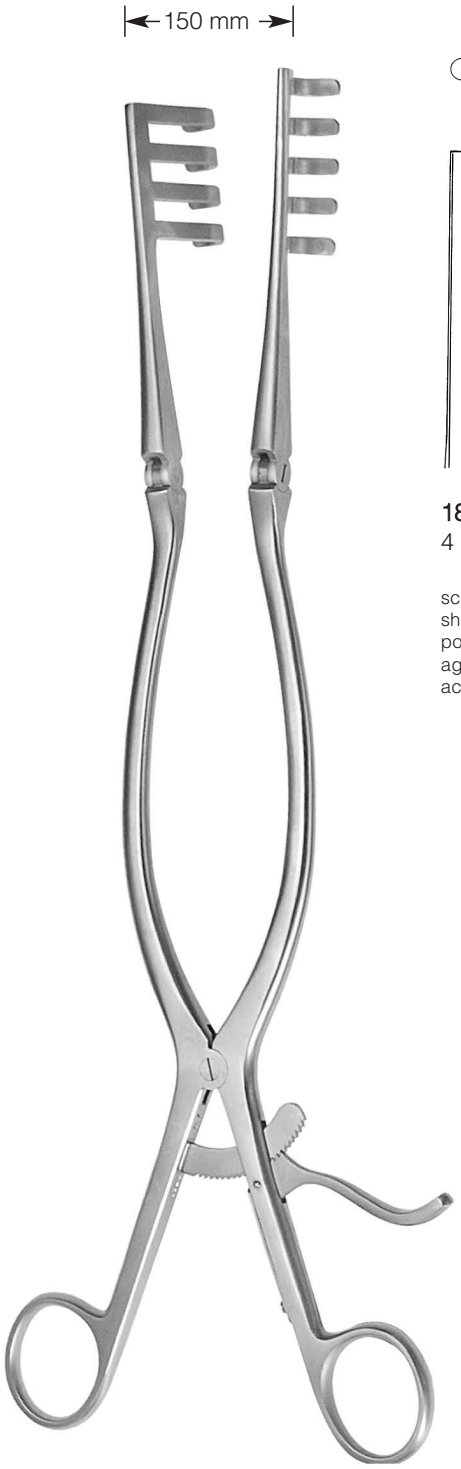
18.685.24
24,5 cm/9¾”

stumpf
blunt
mousse
romo
smusso

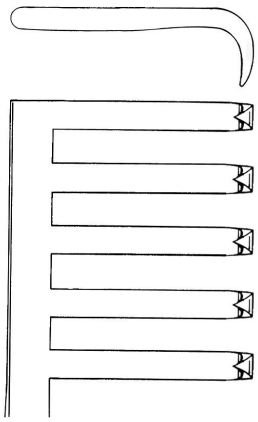


18.685.26
26 cm/10¼”

stumpf
blunt
mousse
romo
smusso

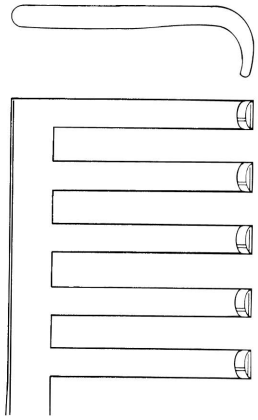


BECKMANN-ADSON
32 cm/12¾”



18.686.33
4 : 5

scharf
sharp
pointu
agudo
acuto

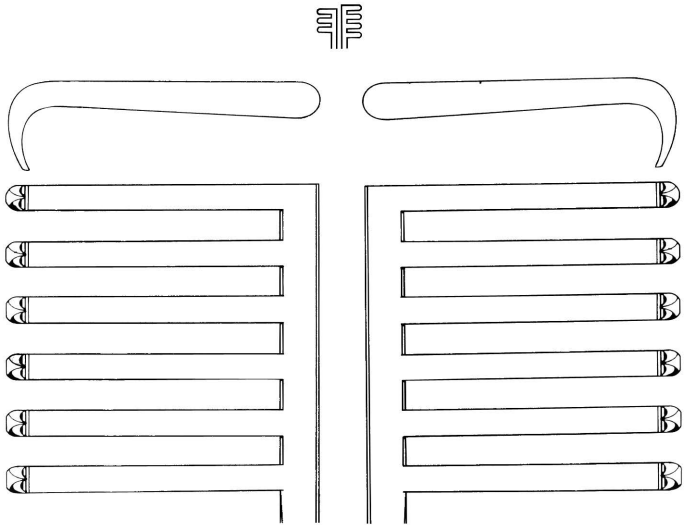


18.686.32
4 : 5

halbscharf
semi-sharp
semi-pointu
semi agudo
semi acuto

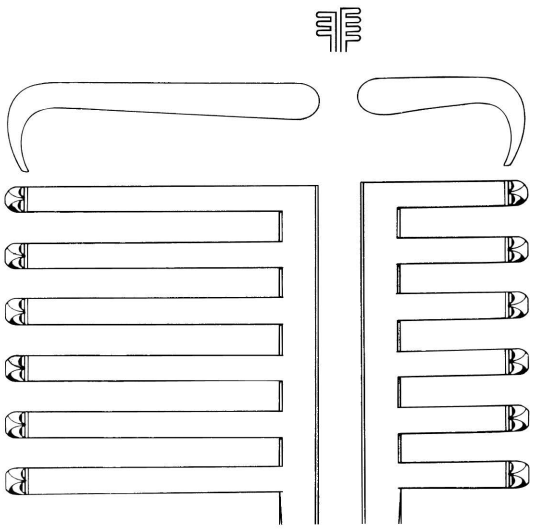


18.687.27
26,5 cm/10½”



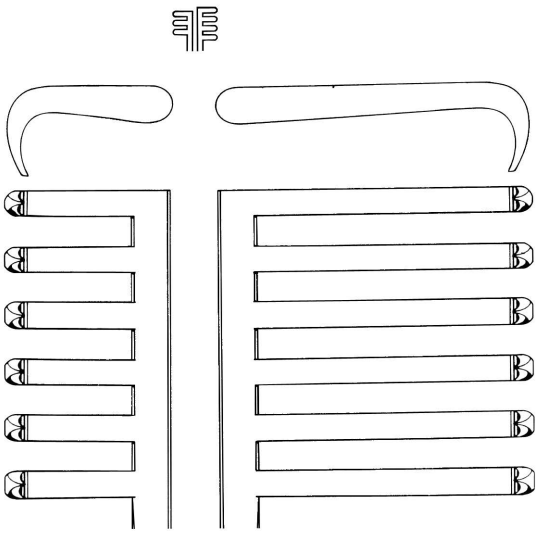
6 : 6

scharf
sharp
pointu
agudo
acuto



18.688.27
6 : 6

scharf, lange Zähne links
sharp, long teeth left
pointu, griffes longues à gauche
agudo, dientes largos a la izquierda
acuto, denti lunghe a sinistra

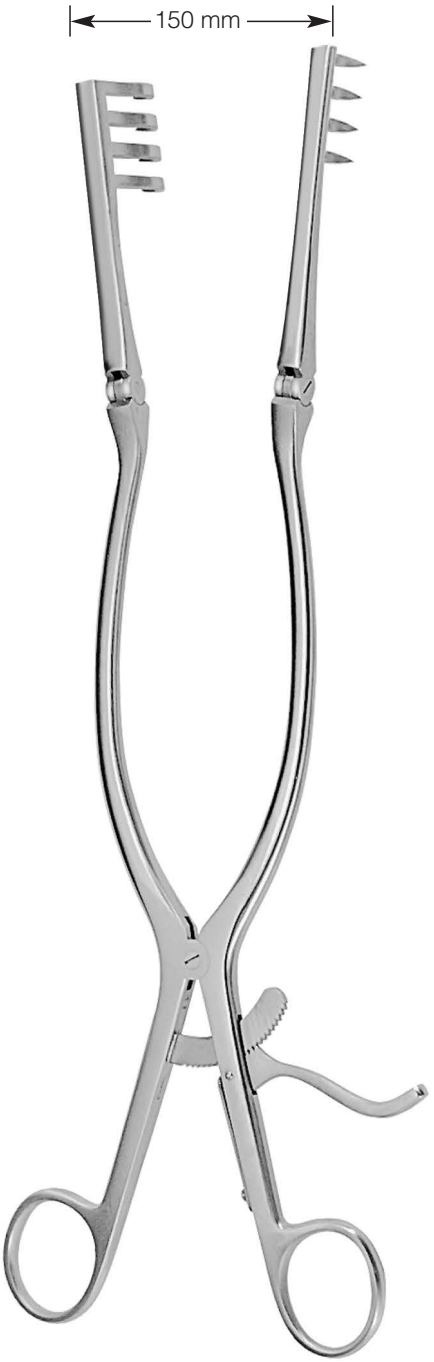


18.689.27
6 : 6

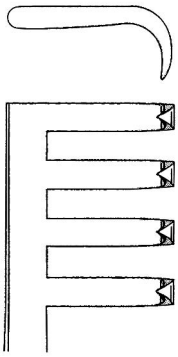
scharf, lange Zähne rechts
sharp, long teeth right
pointu, griffes longues à droite
agudo, dientes largos a la derecha
acuto, denti lunghe a destra



26,5 cm/10½”

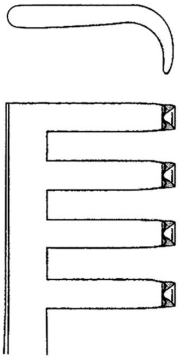


BECKMANN
31 cm/30½”



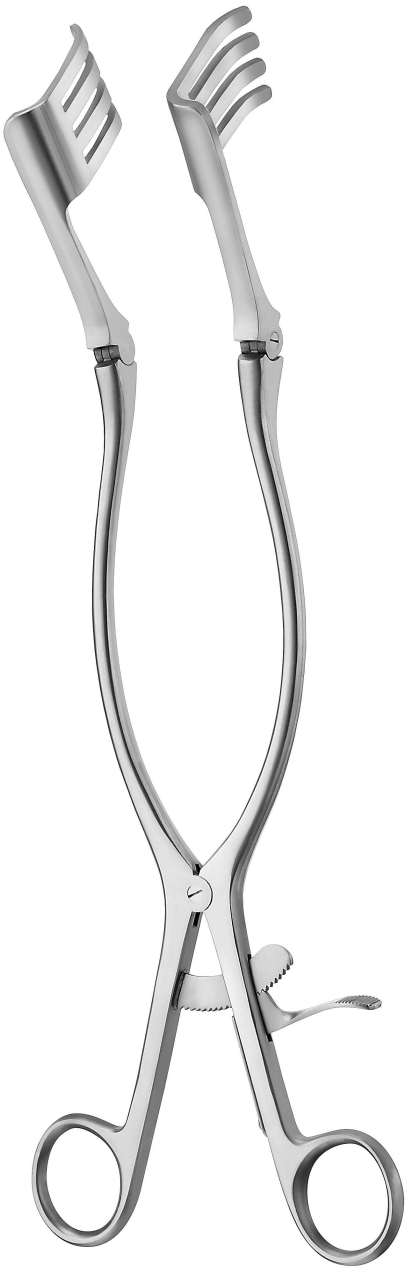
18.690.31
4 : 4

scharf
sharp
pointu
agudo
acuto

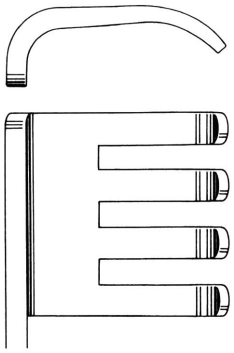


18.691.31
4 : 4

halbscharf
semi-sharp
semi-pointu
semi agudo
semi acuto

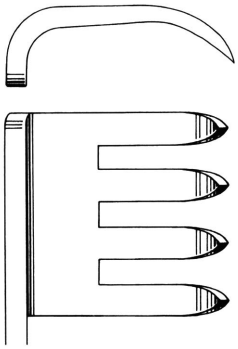


BECKMANN-ADSON
30,5 cm/30¼”



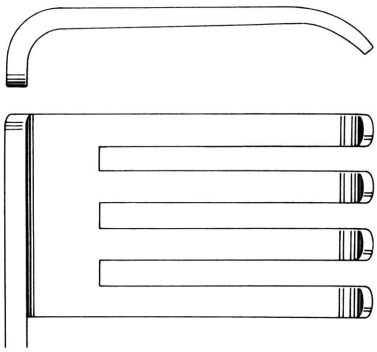
18.692.00
30 mm
4 : 4

stumpf
blunt
mousse
romo
smusso



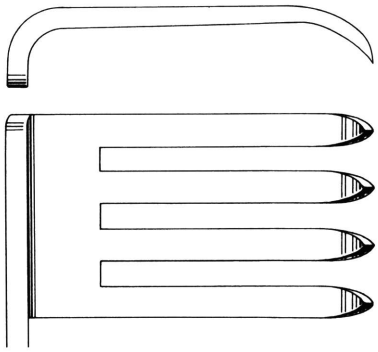
18.692.01
30 mm
4 : 4

scharf
sharp
pointu
agudo
acuto



18.692.02
50 mm
4 : 4

stumpf
blunt
mousse
romo
smusso



18.692.03
50 mm
4 : 4

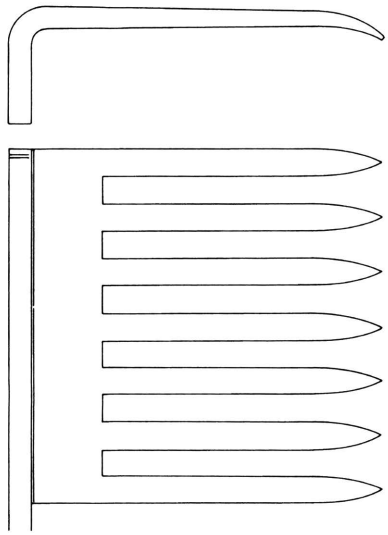
scharf
sharp
pointu
agudo
acuto



HARVEY-JACKSON
18.692.28
28 cm/11”



BECKMANN-EATON
18.692.32
32 cm/12¾”



7 : 7

scharf
sharp
pointu
agudo
acuto



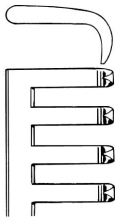


2 : 2

scharf
sharp
pointu
agudo
acuto

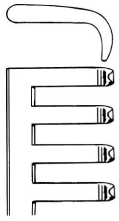
MOLLISON
18.693.13
14 cm/5½”





18.693.15
4 : 4

scharf
sharp
pointu
agudo
acuto



18.693.16
4 : 4

stumpf
blunt
mousse
romo
smusso

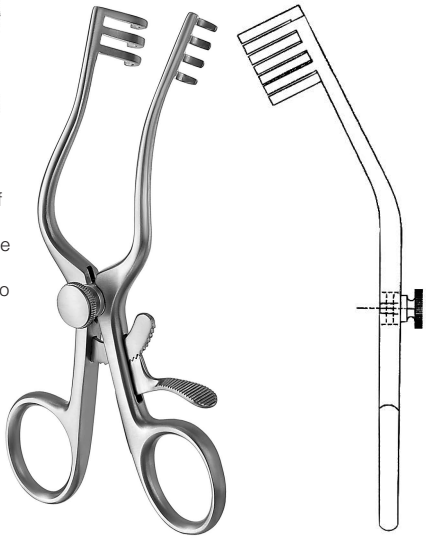
MOLLISON
15 cm/6”

gebogen
curved
courbée
curva
curva



3 : 4

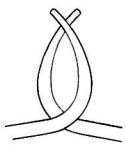
stumpf
blunt
mousse
romo
smusso



JEFFERSON
18.699.14
14 cm/5½”

Valve drehbar
Swivel blade
Lame pivotante
Hoja giratoria
Girevole lama





scharf
sharp
pointu
agudo
acuto

CAIRNS
18.699.15
14,5 cm/5¾”



13 cm/5”	**18.694.13**	**18.695.13**
16,5 cm/6½”	**18.694.16**	**18.695.16**
20 cm/8”	**18.694.20**	**18.695.20**
26,5 cm/10½”	**18.694.25**	
	scharf sharp pointu agudo acuto	stumpf blunt mousse romo smusso

CONE





stumpf
blunt
mousse
romo
smusso

NORFOLK and NORWICH
18.699.22
22 cm/8¼”



DARLING
18.696.18
18 cm/7”

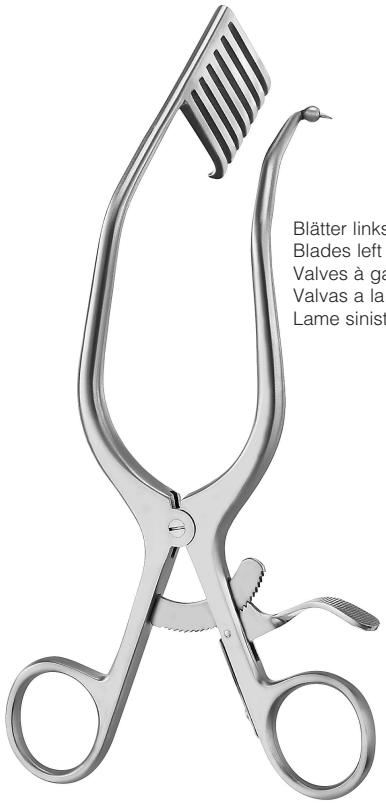


DARLING
18.698.18
18 cm/7”



Blätter rechts
Blades right
Valves à droite
Valvas a la derecha
Lame destra

WALTON
18.707.01
18 cm/7”



Blätter links
Blades left
Valves à gauche
Valvas a la izquierda
Lame sinistra

WALTON
18.707.02
18 cm/7”



Blätter rechts
blades right
Valves à droite
Valvas a la derecha
Lame destra

KNIGHTON
18.708.01
18 cm/7”



Blätter links
Blades left
Valves à gauche
Valvas a la izquierda
Lame sinistra

KNIGHTON
18.708.02
18 cm/7”



18.710.40
40 mm



18.710.45
45 mm



18.710.50
50 mm

scharf
sharp
pointu
agudo
acuto





18.710.55
55 mm



18.710.60
60 mm

18.710.01
25 cm/10”

Sperrer allein
Spreader only
Écarteur seul
Separador suelto
Divaricatore solo

18.710.00
25 cm/10”

komplett
complete
complet
completo
completo

mit je 5 Steckvalven
with 5 plug-in blades each
chacun avec 5 valves interchangeables
cada uno con 5 valvas enchufables
con 5 valve ad innesto

CLOWARD



18.711.40
40 mm



18.711.45
45 mm



18.711.50
50 mm



18.711.55
55 mm



18.711.60
60 mm

stumpf
blunt
mousse
romo
smusso



18.711.01
15 cm/6”

Sperrer allein
Spreader only
Écarteur seul
Separador suelto
Divaricatore solo

18.711.00
17 cm/6¾”

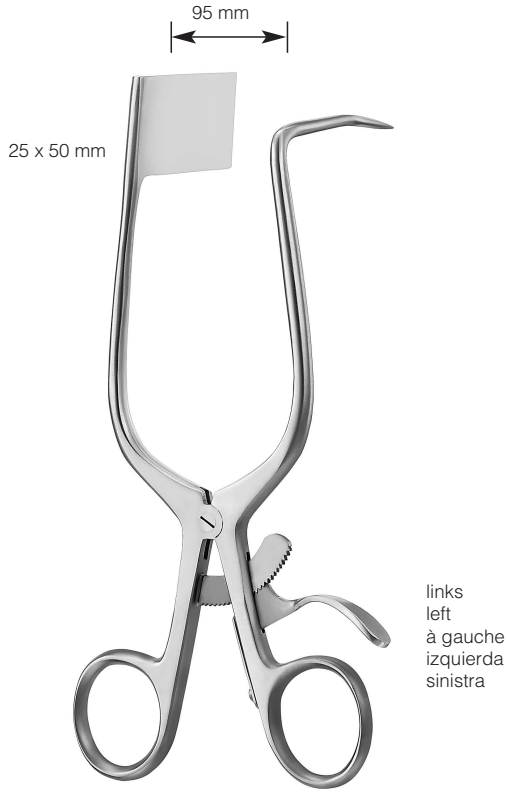
komplett
complete
complet
completo
completo

mit je 5 Steckvalven
with 5 plug-in blades each
chacun avec 5 valves interchangeables
cada uno con 5 valvas enchufables
con 5 valve ad innesto

CLOWARD



MARKHAM-MEYERDING
18.712.18
18 cm/7”

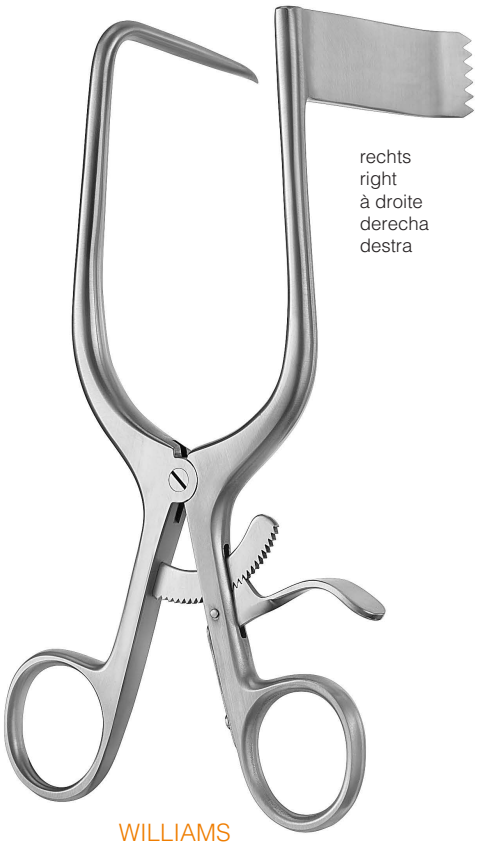


MARKHAM-MEYERDING
18.713.18
18 cm/7”



MEYERDING

32 x 25 mm	**18.714.32**
54 x 25 mm	**18.714.54**
60 x 25 mm	**18.714.60**
60 x 19 mm	**18.714.61**



rechts
right
à droite
derecha
destra

WILLIAMS

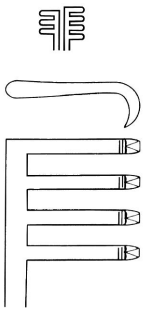
	rechts right à droite derecha destra	links left à gauche izquierda sinistra
1 cm/5 cm	**18.881.50**	**18.880.50**
1 cm/6 cm	**18.881.60**	**18.880.60**
1 cm/7 cm	**18.881.70**	**18.880.70**
2 cm/5 cm	**18.882.50**	**18.883.50**
2 cm/6 cm	**18.882.60**	**18.883.60**
2 cm/7 cm	**18.882.70**	**18.883.70**



mit Sperre
with ratchet
avec cremaillère
con cierre
con serratura

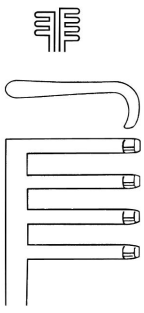
CONTOUR
13,5 cm/5¼”

Kopfhautspreizer
Scalp retractor
Écarteur autostatique pour le cuir chevelu
Separador para el cuero cabelludo
Divaricatore autostatico per il cuoio capelluto



18.725.14
3 : 4

scharf
sharp
pointu
agudo
acuto



18.727.14
3 : 4

stumpf
blunt
mousse
romo
smusso



CASPAR
15 cm/6”

18.720.00

Gegensperrer komplett,
mit 5 Blättern **18.716.45 - 18.716.65**

Retractor complete,
with 5 blades **18.716.45 - 18.716.65**

Écarteur complet,
avec 5 valves **18.716.45 - 18.716.65**

Separador completo,
con 5 valvas enchufables **18.716.45 -18.716.65**

Divaricatore completo,
con 5 valve ad innesto **18.716.45 - 18.716.65**

18.720.15

Sperrer allein
Spreader only
Écarteur seul
Separador suelto
Divaricatore solo



18.716.45 - 18.716.65

90 mm



CASPAR
16,5 cm/6½”

18.721.00

Gegensperrer komplett,
mit 5 Blättern **18.716.45 - 18.716.65**

Retractor complete,
with 5 blades **18.716.45 - 18.716.65**

Ecarteur complet,
avec 5 valves **18.716.45 - 18.716.65**

Separador completo,
con 5 valvas enchufables **18.716.45 - 18.716.65**

Divaricatore completo,
con 5 valve ad innesto **18.716.45 - 18.716.65**

18.721.15

Sperrer allein
Spreader only
Ecarteur seul
Separador suelto
Divaricatore solo



18.716.45 - 18.716.65



11 cm/4¼”

18.724.00

Spreizer komplett
mit 5 Blättern **18.716.45 - 18.716.65**

Retractor complete
with 5 blades **18.716.45 - 18.716.65**

Ecarteur complet
avec 5 valves **18.716.45 - 18.716.65**

Separador completo
con 5 valvas enchufables **18.716.45 - 18.716.65**

Divaricatore completo
con 5 valve ad innesto **18.716.45 - 18.716.65**



18.716.45 - 18.716.65

18.724.11

Sperrer allein
Spreader only
Ecarteur seul
Separador suelto
Divaricatore solo



CASPAR

18.725.00

Spreizer komplett,
mit 5 Blättern **18.716.45 - 18.716.65**

Retractor complete
with 5 blades **18.716.45 - 18.716.65**

Ecarteur complet
avec 5 valves **18.716.45 - 18.716.65**

Separador completo
con 5 valvas enchufables de c.u. **18.716.45 - 18.716.65**

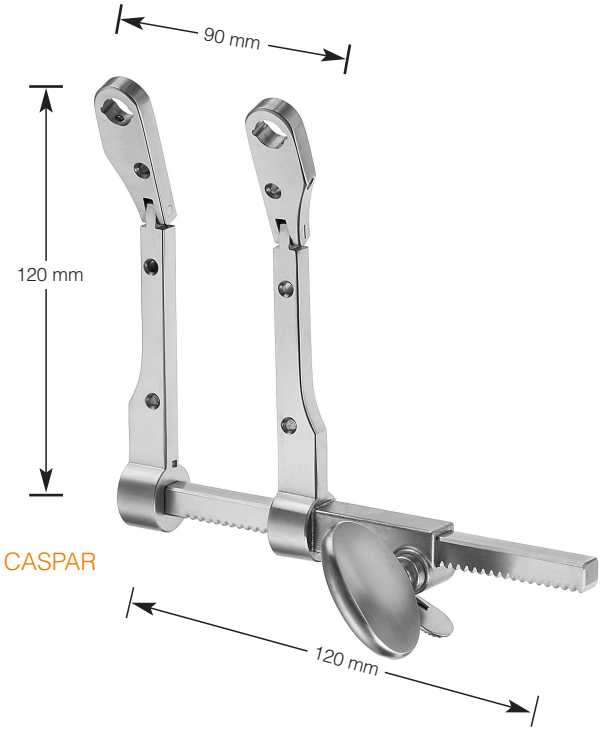
Divaricatore completo
con 5 valve ad innesto **18.716.45 - 18.716.65**



18.716.45 - 18.716.65

18.725.11

Sperrer allein
Spreader only
Ecarteur seul
Separador suelto
Divaricatore solo



CASPAR

18.723.00

Sperrer komplett mit
5 medialen Blättern **18.718.40 - 18.718.60**
5 lateralen Blättern **18.719.40 - 18.719.60**

Retractor complete with
5 medial blades **18.718.40 - 18.718.60**
5 lateral blades **18.719.40 - 18.719.60**

Écarteur complet avec
5 valves médiales **18.718.40 - 18.718.60**
5 valves latérales **18.719.40 - 18.719.60**

Separador completo con
5 valvas mediales **18.718.40 - 18.718.60**
5 valvas laterales **18.719.40 - 18.719.60**

Divaricatore completo con
5 media valve **18.718.40 - 18.718.60**
5 laterale valve **18.719.40 - 18.719.60**

18.723.12

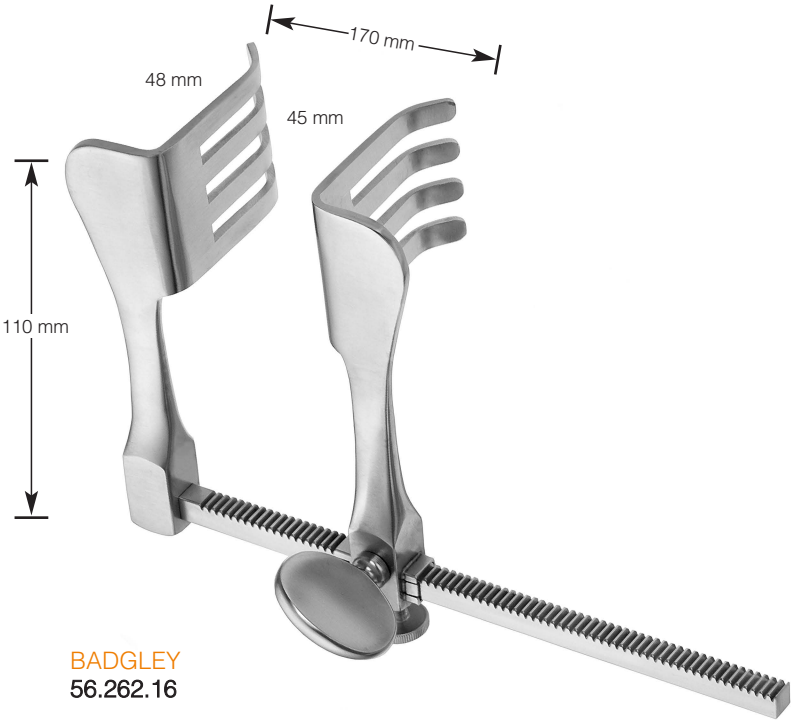
Sperrer allein
Spreader only
Écarteur seul
Separador suelto
Divaricatore solo



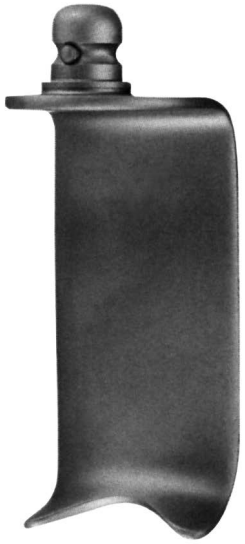
18.718.40 - 18.718.60



18.719.40 - 18.719.60

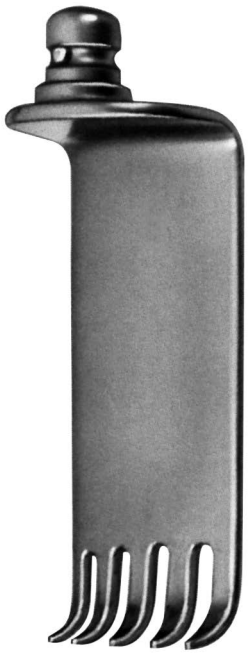


BADGLEY
56.262.16



stumpfe Blätter
blunt blades
lames mousses
hojas romas
smusso lame

CASPAR	
45 x 23 mm	**18.716.45**
50 x 23 mm	**18.716.50**
55 x 23 mm	**18.716.55**
60 x 23 mm	**18.716.60**
65 x 23 mm	**18.716.65**



mediale Blätter
medial blades
lames médiales
hojas mediales
mediale lame

CASPAR	
40 x 23 mm	**18.718.40**
45 x 23 mm	**18.718.45**
50 x 23 mm	**18.718.50**
55 x 23 mm	**18.718.55**
60 x 23 mm	**18.718.60**



laterale Blätter
lateral blades
lames latérales
hojas laterales
lame laterali

CASPAR	
40 x 23 mm	**18.719.40**
45 x 23 mm	**18.719.45**
50 x 23 mm	**18.719.50**
55 x 23 mm	**18.719.55**
60 x 23 mm	**18.719.60**



stumpfe Blätter, zur Spanentnahme am Beckenkamm

blunt blades, for harvesting of the fusion graft from the iliac crest

lames mousses, pour la récolte de la fusion greffe de la crête iliaque

hojas romas, para la recogida de la fusión del injerto de la cresta ilíaca

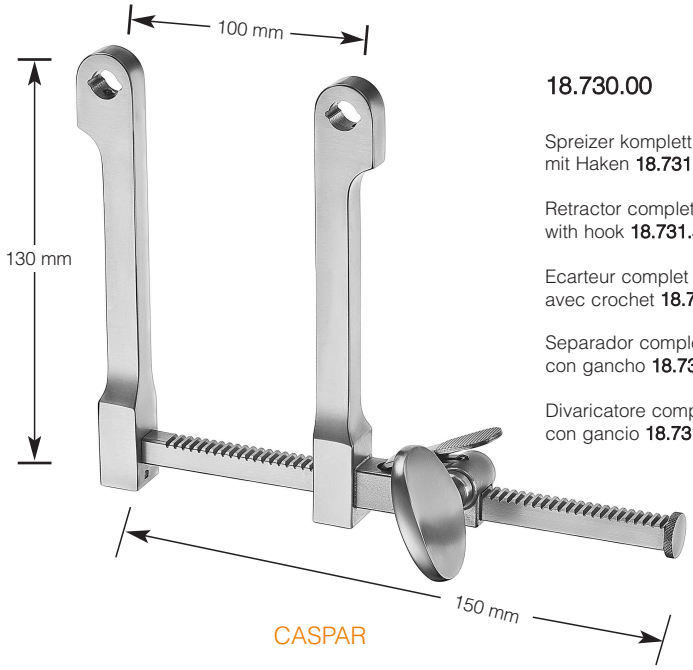
lame smusso, per la raccolta della fusione il trapianto da cresta iliaca

CASPAR	
50 x 25 mm	**18.726.50**
60 x 25 mm	**18.726.60**



Pinzette zum Wechseln der Valven
Blade ejector forceps
Pince pour le changement des valves
Pinza para cambiar las valvas
Pinza per cambiare le valve

18.722.11
11,5 cm/4½”



18.730.00

Spreizer komplett
mit Haken **18.731.50;** 5 Valven **18.732.40 - 18.732.60**

Retractor complete
with hook **18.731.50;** 5 blades **18.732.40 - 18.732.60**

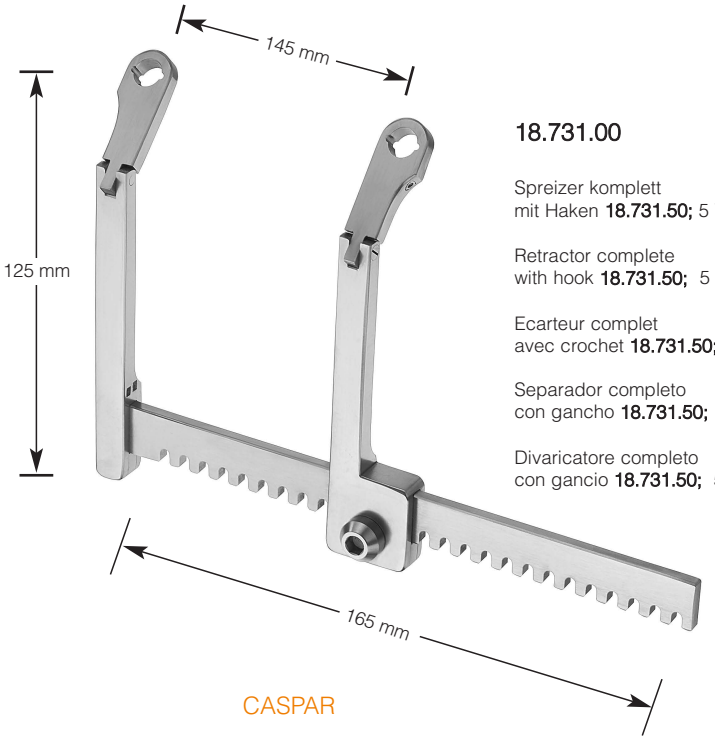
Ecarteur complet
avec crochet **18.731.50;** 5 valves **18.732.40 - 18.732.60**

Separador completo
con gancho **18.731.50;** 5 valvas enchufables **18.732.40 - 18.732.60**

Divaricatore completo
con gancio **18.731.50;** 5 valve ad innesto **18.732.40 - 18.732.60**

18.730.15

Sperrer allein
Spreader only
Ecarteur seul
Separador suelto
Divaricatore solo



18.731.00

Spreizer komplett
mit Haken **18.731.50;** 5 Valven **18.732.40 - 18.732.60**

Retractor complete
with hook **18.731.50;** 5 blades **18.732.40 - 18.732.60**

Ecarteur complet
avec crochet **18.731.50;** 5 valves **18.732.40 - 18.732.60**

Separador completo
con gancho **18.731.50;** 5 valvas enchufables **18.732.40 - 18.732.60**

Divaricatore completo
con gancio **18.731.50;** 5 valve ad innesto **18.732.40 - 18.732.60**

18.731.14

Sperrer allein, mit Drehschlüssel
Retractor only, with key
Ecarteur seul, avec clé
Separador suelto, con llave
Divaricatore solo, con chiave



18.731.99

Drehschlüssel allein
Key only
Clé seule
Llave suelta
Chiave sola



Haken 50 mm
Hook 50 mm
Crochet 50 mm
Gancho 50 mm
Gancio 50 mm

CASPAR
18.731.50



Haken 70 mm
Hook 70 mm
Crochet 70 mm
Gancho 70 mm
Gancio 70 mm

CASPAR
18.731.70



CASPAR	
35 x 22 mm	18.732.35
40 x 22 mm	18.732.40
45 x 22 mm	18.732.45
50 x 22 mm	18.732.50
55 x 22 mm	18.732.55
60 x 22 mm	18.732.60
65 x 22 mm	18.732.65
70 x 22 mm	18.732.70



CASPAR	
35 x 37 mm	18.733.35
40 x 37 mm	18.733.40
45 x 37 mm	18.733.45
50 x 37 mm	18.733.50
55 x 37 mm	18.733.55
60 x 37 mm	18.733.60
65 x 37 mm	18.733.65
70 x 37 mm	18.733.70



CASPAR	
35 x 52 mm	18.734.35
40 x 52 mm	18.734.40
45 x 52 mm	18.734.45
50 x 52 mm	18.734.50
55 x 52 mm	18.734.55
60 x 52 mm	18.734.60
65 x 52 mm	18.734.65
70 x 52 mm	18.734.70

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CASPAR
18.736.01

Distraktor allein
Distractor only
Distracteur seule
Distractor suelto
Distractor solo



CASPAR
18.736.02

Bohrlehre
zur parallelen Positionierung der Distraktionsschrauben, mit Distraktor **18.736.01** zu verwenden

Drill guide
for parallel positioning of the distraction screws, to be used with distractor **18.736.01**

Guide-mèche
pour le positionnement parallèle des vis de distraction, à utiliser avec distracteur **18.736.01**

Guía-taladro
para la colocación paralela de tornillos de distracción, para uso con distractor **18.736.01**

Trapano guida
parallelo per il posizionamento di distrazione viti, per essere utilizzata con distractor **18.736.01**

CASPAR
18.736.00

Distraktor, bestehend aus:

18.736.01	1 Distraktor allein
18.736.02	1 Bohrlehre
18.736.10	1 Bohrer
18.736.16	2 Distraktionsschrauben
18.736.20	1 Schraubendreher

Distractor, consisting of:

18.736.01	1 distractor only
18.736.02	1 drill guide
18.736.10	1 twist drill
18.736.16	2 distraction screws
18.736.20	1 screw driver

Distracteur, composée de:

18.736.01	1 distracteur seul
18.736.02	1 guide-mèche
18.736.10	1 mèche
18.736.16	2 vis à distraction
18.736.20	1 tournevis

Distractor, consistente en:

18.736.01	1 distractor suelto
18.736.02	1 guia-taladro
18.736.10	1 taladro
18.736.16	2 tornillos de distraccion
18.736.20	1 destornillador

Distractor, com-prendente:

18.736.01	1 distrattore sole
18.736.02	1 guida-trapano
18.736.10	1 trapano
18.736.16	2 vite per distrazione
18.736.20	1 cacciavite



CASPAR
18.737.01

Distraktor allein
Distractor only
Distracteur seule
Distractor suelto
Distractor solo



CASPAR
18.737.02

Bohrlehre
zur parallelen Positionierung der Distraktionsschrauben, mit Distraktor **18.737.01** zu verwenden

Drill guide
for parallel positioning of the distraction screws, to be used with distractor **18.737.01**

Guide-mèche
pour le positionnement parallèle des vis de distraction, à utiliser avec distracteur **18.737.01**

Guía-taladro
para la colocación paralela de tornillos de distracción, para uso con distractor **18.737.01**

Trapano guida
parallelo per il posizionamento di distrazione viti, per essere utilizzata con distractor **18.737.01**

CASPAR
18.737.00

Distraktor, bestehend aus:

18.737.01	1 Distraktor allein
18.737.02	1 Bohrlehre
18.736.10	1 Bohrer
18.736.16	2 Distraktionsschrauben
18.736.20	1 Schraubendreher

Distractor, consisting of:

18.737.01	1 distractor only
18.737.02	1 drill guide
18.736.10	1 twist drill
18.736.16	2 distraction screws
18.736.20	1 screw driver

Distracteur, composée de:

18.737.01	1 distracteur seul
18.737.02	1 guide-mèche
18.736.10	1 mèche
18.736.16	2 vis à distraction
18.736.20	1 tournevis

Distractor, consistente en:

18.737.01	1 distractor suelto
18.737.02	1 guia-taladro
18.736.10	1 taladro
18.736.16	2 tornillos de distraccion
18.736.20	1 destornillador

Distractor, comprendente:

18.737.01	1 distrattore sole
18.737.02	1 guida-trapano
18.736.10	1 trapano
18.736.16	2 vite per distrazione
18.736.20	1 cacciavite

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Bohrer, Ø 1,7 mm
zum Vorbohren für Distraktionsschrauben,
Bohrtiefe: 8 mm,
Schaft Ø 2,35 mm

Twist drill, Ø 1.7 mm
for pre-drilling holes,
drilling depth: 8 mm
shank Ø 2.35 mm

Mèche Ø 1,7 mm,
pour percer des avant-trous,
profondeur de forage de 8 mm
tige Ø 2,35 mm

Taladro Ø 1,7 mm,
para perforar agujero,
perforación de 8 mm de profundidad
mango Ø 2,35 mm

Trapano Ø 1,7 mm,
per la pre-alesatura fori per viti di
distrazione, profondità di perforazione 8 mm
gambo Ø 2,35 mm



CASPAR
18.736.10
14,5 cm/5¾”

Distraktionsschrauben zur Verwendung
mit Distraktoren **18.736.01, 18.737.01.** Mindestens 2 Schrauben
werden benötigt.

Distraction screws to be used with
distractors **18.736.01, 18.737.01.** At least 2 screws are required.

Vis à distraction vis pour être utilisé avec distracteurs
18.736.01 et **18.737.01**. Au moins 2 vis sont nécessaires.

Tornillos de distracción para uso con distractores **18.736.01** y
18.737.01. Por lo menos 2 tornillos son necesarios.

Viti di distrazione per essere utilizzato con distractors
18.736.01 e **18.737.01**. Almeno ogni 2 viti sono necessari.



CASPAR
7 cm/2¾”

12 mm	**18.736.12**
14 mm	**18.736.14**
16 mm	**18.736.16**
18 mm	**18.736.18**

Schraubendreher für
Distraktionsschrauben

Screw driver
for distraction screws

Tournevis
pour vis de distraction

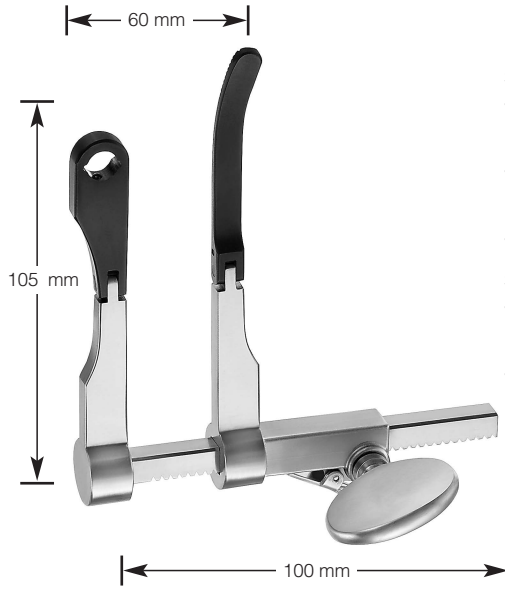
Destornillador
para tornillos de distracción

Cacciavite
per viti distraction



CASPAR
18.736.20
20 cm/8”

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18.738.00

Sperrer komplett mit
5 lateralen Blättern **18.738.35 - 18.738.60**

Retractor complete with
5 lateral blades **18.738.35 - 18.738.60**

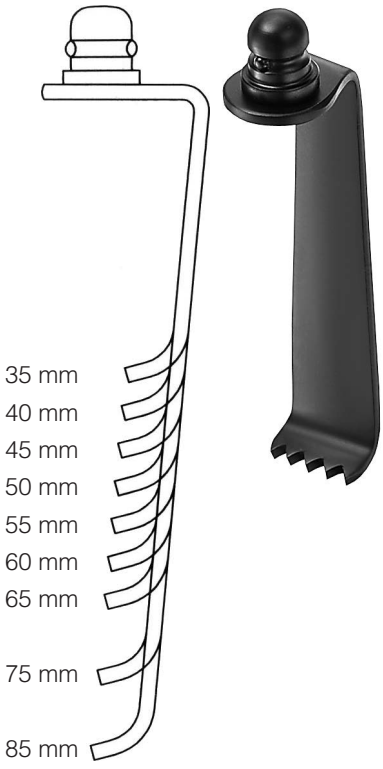
Écarteur complet avec
5 valves latérales **18.738.35 - 18.738.60**

Separador completo con
5 valvas laterales **18.738.35 - 18.738.60**

Divaricatore completo con
5 laterale valve **18.738.35 - 18.738.60**

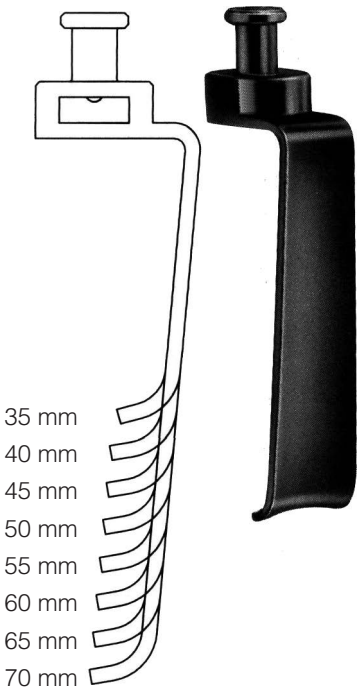
18.738.01

Sperrer allein
Spreader only
Écarteur seul
Separador suelto
Divaricatore solo



laterale Blätter
lateral blades
lames latérales
hojas laterales
lame laterali

CASPAR	
35 mm	**18.738.35**
40 mm	**18.738.40**
45 mm	**18.738.45**
50 mm	**18.738.50**
55 mm	**18.738.55**
60 mm	**18.738.60**
65 mm	**18.738.65**
75 mm	**18.738.75**
85 mm	**18.738.85**



mediale Blätter
medial blades
lames médiales
hojas mediales
lame mediale

CASPAR	
35 mm	**18.739.35**
40 mm	**18.739.40**
45 mm	**18.739.45**
50 mm	**18.739.50**
55 mm	**18.739.55**
60 mm	**18.739.60**
65 mm	**18.739.65**
70 mm	**18.739.70**



CASPAR
17 cm/6¾”

CASPAR
18.744.00

Gegensperrer komplett, mit 5 Blättern
18.745.40 - 18.745.60

Retractor complete, with 5 blades
18.745.40 - 18.745.60

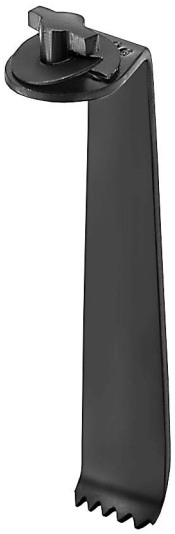
Écarteur complet avec 5 valves
18.745.40 - 18.745.60

Separador completo con 5 valvas
18.745.40 - 18.745.60

Divaricatore completo con 5 valve
18.745.40 - 18.745.60

18.744.17

Gegensperrer allein, mit 1 festen Blatt
Retractor only, with 1 fixed blade
Écarteur seul, con 1 valve fixe
Separador suelto, con 1 valva fija
Divaricatore solo, con 1 valve fissa



Blätter geschwärzt
Blades black-finish
Valves de couleur noir
Valvas de color negro
Valve di colore nero

	CASPAR
40 mm	18.745.40
45 mm	18.745.45
50 mm	18.745.50
55 mm	18.745.55
60 mm	18.745.60
65 mm	18.745.65
70 mm	18.745.70



Blätter geschwärzt
Blades black-finish
Valves de couleur noir
Valvas de color negro
Valve di colore nero

CASPAR	
40 mm	18.748.40
45 mm	18.748.45
50 mm	18.748.50
55 mm	18.748.55
60 mm	18.748.60
65 mm	18.748.65
75 mm	18.748.75
85 mm	18.748.85

18.751.2

Spreizer komplett, mit 2 Paar Blätter
Retractor complete, with 2 pairs of blades
Écarteur complet, con 2 paires de valves
Separador completo, con 2 pares de valvas
Divaricatore completo, con 2 paio di valve

18.751.25

Spreizer komplett, mit 2 Paar Blätter
Retractor complete, with 2 pairs of blades
Écarteur complet, con 2 paires de valves
Separador completo, con 2 pares de valvas
Divaricatore completo, con 2 paio di valve

18.753.27

Spreizer komplett, mit 4 Blätter
Retractor complete, with 4 blades
Écarteur complet, con 4 valves
Separador completo, con 4 valvas
Divaricatore completo, con 4 valve

65 mm



Valvenpaar
Pair of blades
Paire de valves
Par de valvas
Paio di valva

18.751.31
25 - 50 x 55 mm

18.751.32
25 - 50 x 65 mm

18.751.24

Rahmen allein
Frame only
Cadre seul
Cuadro suelto
Talaio solo

CLOWARD-HOEN
25 cm/10”

65 mm



18.753.26

Rahmen allein
Frame only
Cadre seul
Cuadro suelto
Talaio solo

HOEN
27 cm/10¾”

Valve allein
Blade only
Valve seule
Valva suelta
Valva solo

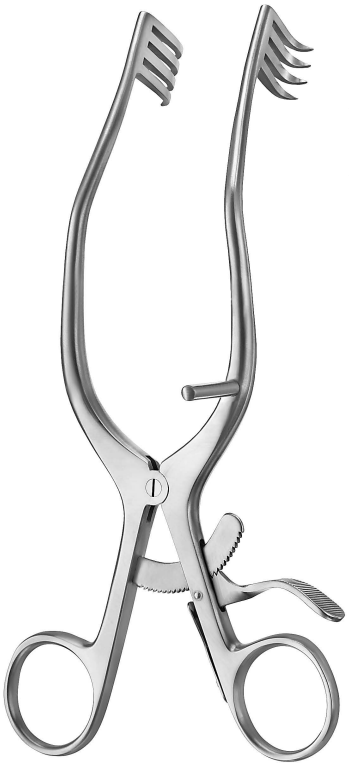


18.753.32
45 x 45 mm

18.753.30
45 x 35 mm

18.753.36
25 x 45 mm

18.753.34
25 x 35 mm



MALIS
19 cm/7½”

18.860.19

Spreizer ohne Valven
Retractor without blades
Écarteur sans valves
Separador sin valvas
Divaricatore senza valve

18.861.00

Sperrer komplett
Retractor complete
Écarteur complet
Separador completo
Divaricatore completo

Fixiervorrichtung
Fixation device
Dispositiv de fixation
Dispositivo de fijación
Dispositivo di fissaggio



18.861.01

Stellarm
Adjustable arm
Bras réglable
Soporte ajustable
Braccio regolabile



18.861.02



18.862.09
9 cm/3½”



18.862.12
12 cm/4¾”



18.862.15
15 cm/6”



18.863.09
9 x 70 mm



18.863.14
14 x 70 mm



18.863.16
16 x 70 mm

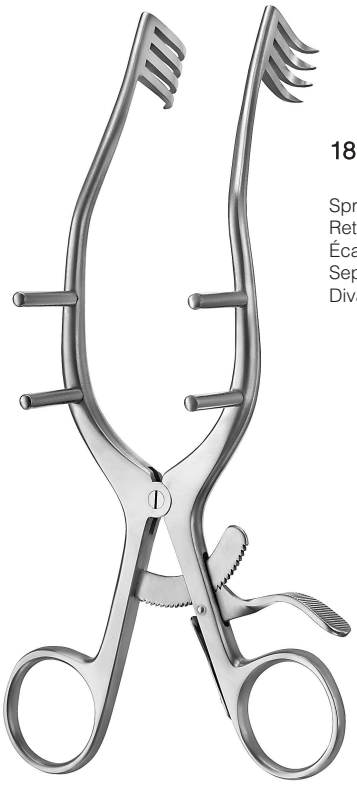


18.863.19
19 x 70 mm



18.863.25
25 x 70 mm

Valven für MALIS
Blades for MALIS
Valves pour MALIS
Valvas para MALIS
Valve per MALIS



JANNETTA
19 cm/7½”

18.870.19

Spreizer ohne Valven
Retractor without blades
Écarteur sans valves
Separador sin valvas
Divaricatore senza valve

18.870.00

Sperrer komplett, bestehend aus:
Retractor complete, consisting of:
Écarteur complet, composé de:
Separador completo, compuesto de:
Divaricatore completo, costituito da:

1 x	18.870.19
2 x	18.871.01
2 x	18.871.02
1 x	18.873.16
1 x	18.873.20
1 x	18.873.25
1 x	18.875.05
1 x	18.875.11
1 x	18.875.21

Fixiervorrichtung
Fixation device
Dispositif de fixation
Dispositivo de fijación
Dispositivo di fissaggio



18.871.01



18.871.02

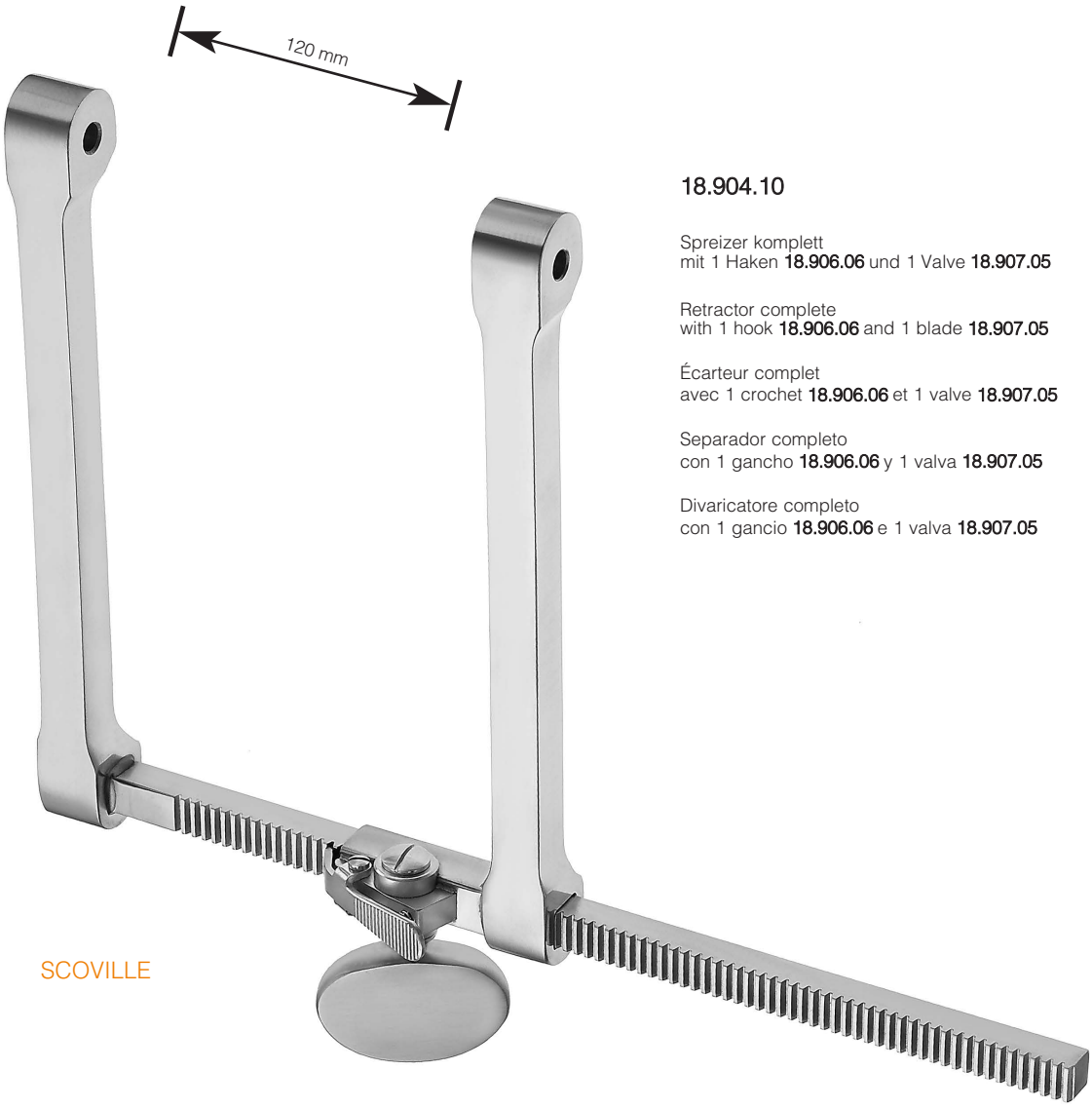
Valven für JANNETTA
Blades for JANNETTA
Valves pour JANNETTA
Valvas para JANNETTA
Valve per JANNETTA



16 x 70 mm	**18.873.16**
20 x 70 mm	**18.873.20**
25 x 70 mm	**18.873.25**



5 x 90 mm	**18.875.05**
11 x 90 mm	**18.875.11**
21 x 90 mm	**18.875.21**



SCOVILLE

18.904.10

Spreizer komplett
mit 1 Haken **18.906.06** und 1 Valve **18.907.05**

Retractor complete
with 1 hook **18.906.06** and 1 blade **18.907.05**

Écarteur complet
avec 1 crochet **18.906.06** et 1 valve **18.907.05**

Separador completo
con 1 gancho **18.906.06** y 1 valva **18.907.05**

Divaricatore completo
con 1 gancio **18.906.06** e 1 valva **18.907.05**

18.904.00

Rahmen allein
Frame only
Cadre seul
Cuadro suelto
Talaio solo



SCOVILLE-HAVERFIELD

18.905.00

Spreizer komplett
mit 1 Haken **18.906.06** und 1 Valve **18.907.05**

Retractor complete
with 1 hook **18.906.06** and 1 blade **18.907.05**

Écarteur complet
avec 1 crochet **18.906.06** et 1 valve **18.907.05**

Separador completo
con 1 gancho **18.906.06** y 1 valva **18.907.05**

Divaricatore completo
con 1 gancio **18.906.06** e 1 valva **18.907.05**

18.905.10

Rahmen allein
Frame only
Cadre seul
Cuadro suelto
Talaio solo



VALIN

18.906.00

Spreizer komplett
mit 1 Haken **18.906.06** und 1 Valve **18.907.05**

Retractor complete
with 1 hook **18.906.06** and 1 blade **18.907.05**

Écarteur complet
avec 1 crochet **18.906.06** et 1 valve **18.907.05**

Separador completo
con 1 gancho **18.906.06** y 1 valva **18.907.05**

Divaricatore completo
con 1 gancio **18.906.06** e 1 valva **18.907.05**

18.906.09

Rahmen allein
Frame only
Cadre seul
Cuadro suelto
Talaio solo

Hakenvalve, spitz
Hook, sharp
Valve à griffes, pointu
Gancho, agudo
Gancio, acuto



SCOVILLE	
50 mm	**18.906.01**
70 mm	**18.906.02**
75 mm	**18.906.03**

Hakenvalve, stumpf
Hook, blunt
Valve à griffes, mousse
Gancho, romo
Gancio, smusso



SCOVILLE	
50 mm	**18.906.06**
70 mm	**18.906.07**
75 mm	**18.906.08**



TAYLOR	
47 x 37 mm 3 Z.	18.906.40
48 x 50 mm 4 Z.	18.906.41
64 x 50 mm 4 Z.	18.906.42
64 x 64 mm 4 Z.	18.906.43
80 x 57 mm 4 Z.	18.906.44



SCOVILLE	
41 x 38 mm	18.906.46
67 x 44 mm	18.906.47



SCOVILLE	
50 x 25 mm	18.907.01
50 x 50 mm	18.907.02
57 x 25 mm	18.907.03
57 x 38 mm	18.907.04
64 x 25 mm	18.907.05
64 x 29 mm	18.907.06
64 x 50 mm	18.907.07
67 x 28 mm	18.907.08
67 x 30 mm	18.907.09
75 x 25 mm	18.907.10
75 x 50 mm	18.907.11
88 x 25 mm	18.907.12
100 x 50 mm	18.907.13



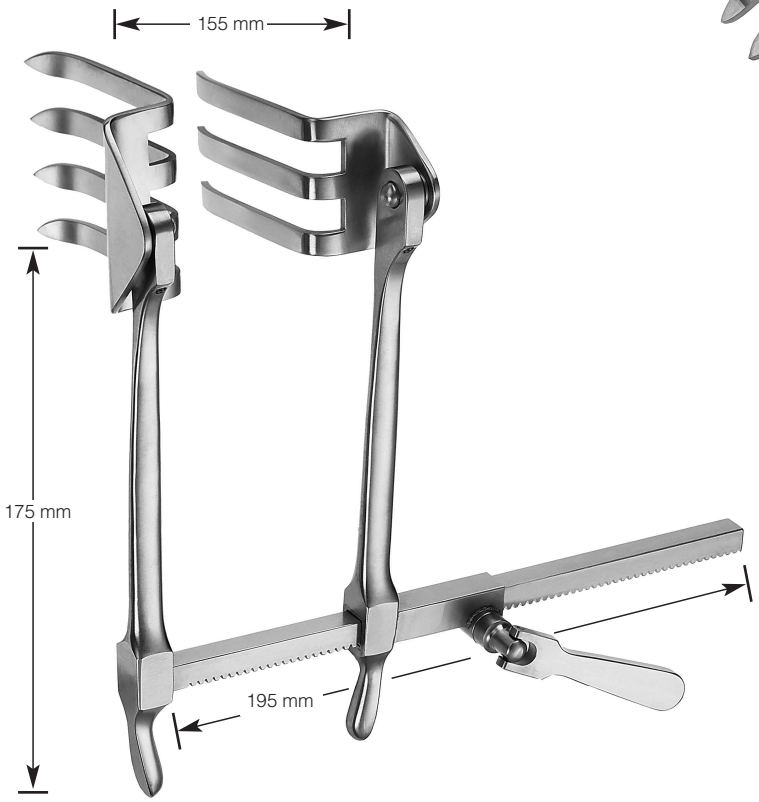
MEYERDING	
44 x 25 mm	18.909.44
50 x 25 mm	18.909.50
57 x 25 mm	18.909.57
70 x 25 mm	18.909.70
75 x 25 mm	18.909.75
83 x 25 mm	18.909.83
88 x 50 mm	18.909.88



HIBBS	
50 x 19 mm	18.910.01
50 x 25 mm	18.910.02
50 x 50 mm	18.910.03
64 x 25 mm	18.910.04
64 x 38 mm	18.910.05
75 x 25 mm	18.910.06
75 x 38 mm	18.910.07
75 x 50 mm	18.910.08
75 x 64 mm	18.910.09
88 x 25 mm	18.910.10
88 x 38 mm	18.910.11
100 x 25 mm	18.910.12
100 x 50 mm	18.910.13



TAYLOR	
75 x 32 mm	18.912.01
100 x 42 mm	18.912.02



SCOVILLE-RICHTER
18.948.00

Spreizer komplett
mit 1 Paar Valven **18.948.11**

Retractor complete
with 1 pair of blades **18.948.11**

Écarteur complet
avec 1 paire de valves **18.948.11**

Separador completo
con 1 par de valvas **18.948.11**

Divaricatore completo
con 1 paio di valve **18.948.11**

18.948.10

Rahmen allein
Frame only
Cadre seul
Cuadro suelto
Talaio solo



Paar
Pair
Paire
Par
Paio

18.948.11



Paar
Pair
Paire
Par
Paio

18.948.12
47 x 51 mm



Paar
Pair
Paire
Par
Paio

18.948.13
30 x 40 mm



Paar
Pair
Paire
Par
Paio

18.948.14
37 x 62 mm



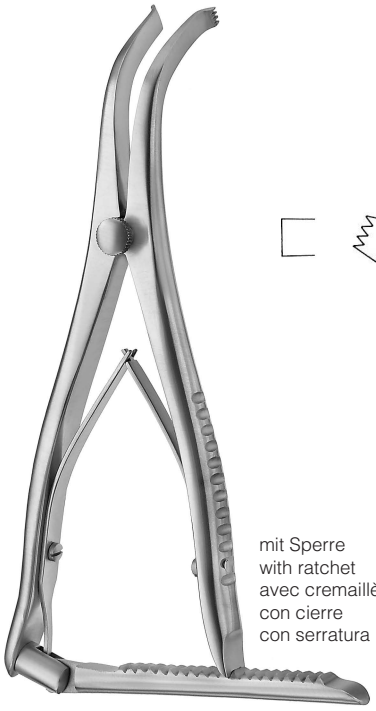
mit Sperre
with ratchet
avec cremaillère
con cierre
con serratura

CLOWARD
40.401.16
16 cm/6¼”



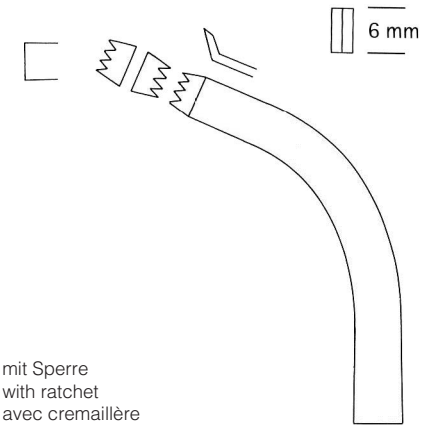
mit Sperre
with ratchet
avec cremaillère
con cierre
con serratura

CLOWARD
40.402.15
15 cm/6”

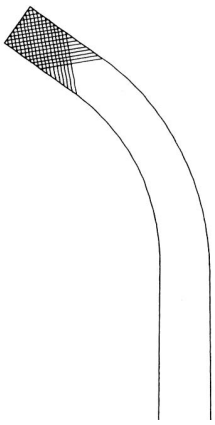


mit Sperre
with ratchet
avec cremaillère
con cierre
con serratura

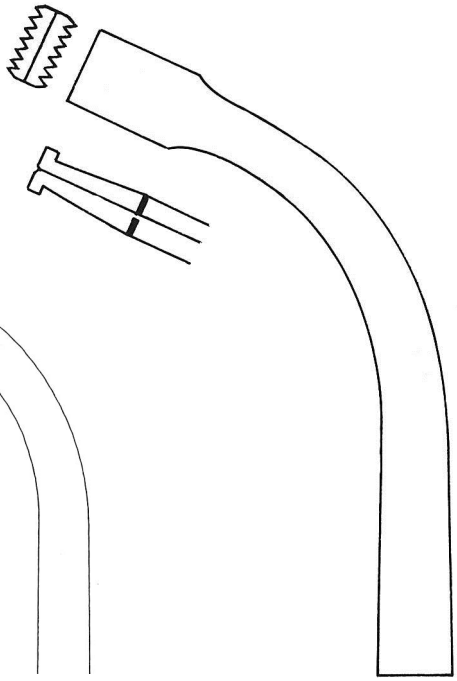
INGE



40.405.17
17 cm/6¾”



40.406.17
17 cm/6¾”



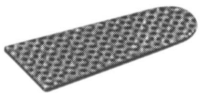
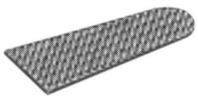
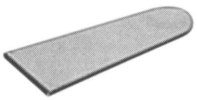
40.405.27
27 cm/10¾”

09

NADELHALTER
NEEDLE HOLDERS
PORTE-AIGUILLES
PORTA-AGUJAS
PORT'AGHI

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC

Folgende Hartmetalleinlagen werden für DIMEDA TC Nadelhalter verwendet:
The DIMEDA TC needle holders are equipped with the following tungsten carbide inserts:
Les inserts suivants en metal dur sont utilisés pour les porte-aiguilles DIMEDA TC:
Las porta-agujas DIMEDA TC están equipadas con las siguientes plaquitas de carburo de tungsteno:
I portaghi DIMEDA TC dispongono delle seguenti placchein carburo di tungsteno:

		Teilung Structure Structure Estriadura Struttura	empfohlen für Nahtmaterial recommended for suture material recommandé pour matériel de suture recomandado para suturas raccomodato per materiale di suture
	normal regular regulaire regular regolare	0,5 mm	> 3,0
	mini mini mini mini mini	0,4 mm	4,0 - 6,0
	mikro micro micro micro micro	0,3 mm	7,0 - 10,0
	glatt smooth lisse lisa piatta	--	7,0 - 10,0



24.134.13
glattes Maul
smooth jaw
mors lisse
boca lisa
morso liscio



24.144.13
0,4
Miniprofil
Mini profile
Profil mini
Perfil mini
Profilo mini

HALSEY
13 cm/5⅛"

mit aufgebogenem Daumenring
with offset ring
à anneau décalé
con anillo acodado
con anelli sfalsati

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC



24.147.13
0,4
Miniprofil
Mini profile
Profil mini
Perfil mini
Profilo mini

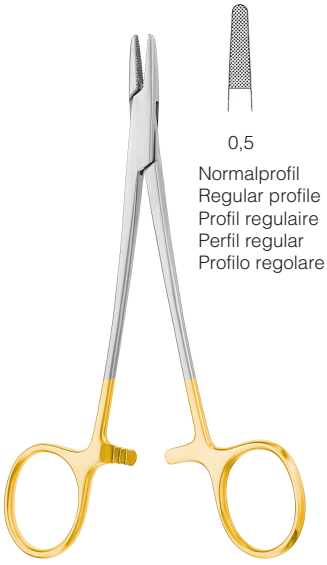


24.147.13L
für Linkshänder
for left-handed
pour les gauchers
para zurdos
per mancini



NEIVERT
13 cm/5⅛"

für Linkshänder
for left-handed
pour les gauchers
para zurdos
per mancini



0,5
Normalprofil
Regular profile
Profil regulaire
Perfil regular
Profilo regolare

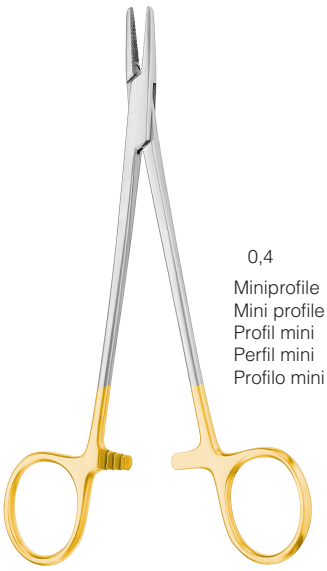


BAUMGARTNER

12,5 cm/5"	24.154.12
14 cm/5½"	24.154.14

CRILE WOOD

15 cm/6"	24.160.15
18 cm/7"	24.160.18
20 cm/8"	24.160.20
23 cm/9"	24.160.23



0,4
Miniprofile
Mini profile
Profil mini
Perfil mini
Profilo mini



24.164.15
15 cm/6"



24.164.15L
15 cm/6"



24.164.18
18 cm/7"



24.164.20
20 cm/7¾"

CRILE WOOD

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC



0,4

Miniprofile
Mini profile
Profil mini
Perfil mini
Profilo mini

BABY CRILE WOOD
24.168.15
15 cm/6"



MAYO HEGAR



24.184.14
14 cm/5½"



24.184.16
16 cm/6¼"



24.184.18
18 cm/7"



24.184.20
20 cm/8"



24.184.24
24 cm/9½"



24.184.26
26 cm/10¼"



24.184.30
30 cm/12"

0,5

Normalprofil
Regular profile
Profile regulaire
Perfil regular
Profilo regolare



24.186.16
16 cm/6¼"



24.186.18
18 cm/7"

glattes Maul
smooth jaw
mors lisse
boca lisa
morso piatto



0,4

Miniprofil
Mini profile
Profil mini
Perfil mini
Profilo mini

DE BAKEY
24.212.16
16,5 cm/6½"



DE BAKEY



24.214.15
15 cm/6"



24.214.18
18 cm/7"



24.214.20
20 cm/8"



24.214.23
24 cm/9"



24.214.26
26 cm/10¼"



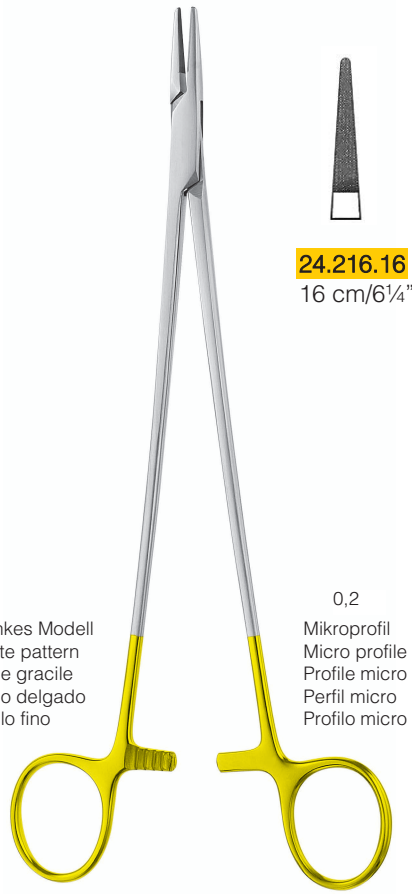
24.214.31
31 cm/12½"



24.214.37
37 cm/14¾"

0,4

Miniprofil
Mini profile
Profil mini
Perfil mini
Profilo mini



24.216.16
16 cm/6¼”

24.216.18
18 cm/7”

24.216.21
21 cm/8¼”

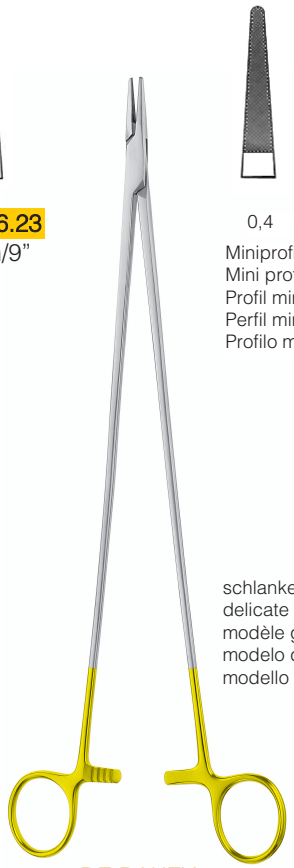
24.216.23
23 cm/9”

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC

0,2
Mikroprofil
Micro profile
Profile micro
Perfil micro
Profilo micro

schlankes Modell
delicate pattern
modèle gracile
modelo delgado
modello fino

DE BAKEY



0,4
Miniprofil
Mini profile
Profil mini
Perfil mini
Profilo mini

schlankes Modell
delicate pattern
modèle gracile
modelo delgado
modello fino

DE BAKEY
24.216.31
31 cm/12½”



24.224.13
13 cm/5”

24.224.15
15 cm/6”

24.224.18
18 cm/7”

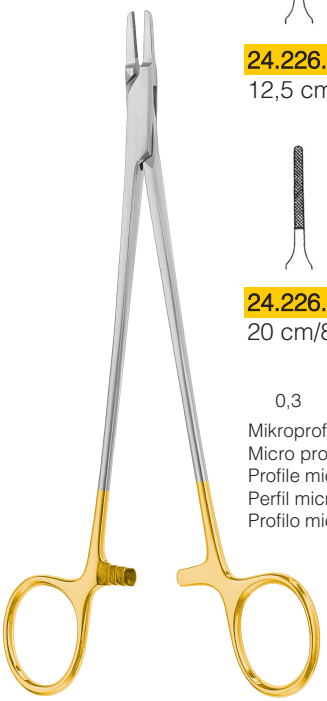
24.224.20
20 cm/8”

24.224.23
23 cm/9”

24.224.26
26 cm/10¼”

0,4
Miniprofil
Mini profile
Profil mini
Perfil mini
Profilo mini

RYDER



24.226.13
12,5 cm/5”

24.226.15
15,5 cm/6”

24.226.18
17,5 cm/7”

24.226.20
20 cm/8”

24.226.23
22,5 cm/9”

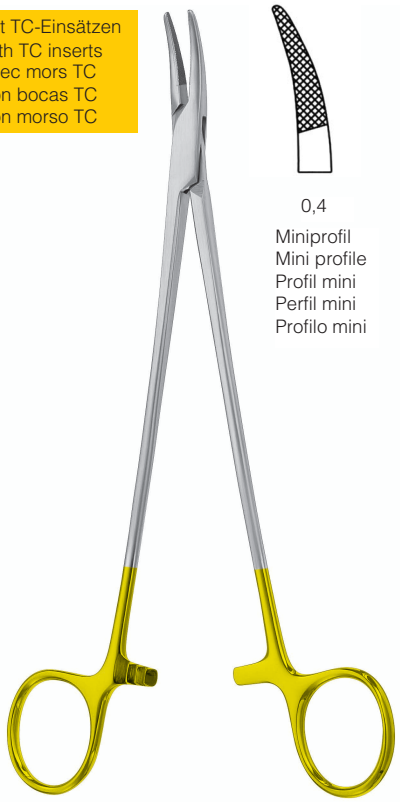
24.226.26
26 cm/10¼”

0,3
Mikroprofil
Micro profile
Profile micro
Perfil micro
Profilo micro

schlankes Modell
delicate pattern
modèle gracile
modelo delgado
modello fino

RYDER VASCULAR

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC



0,4
Miniprofil
Mini profile
Profil mini
Perfil mini
Profilo mini

JULIAN
24.247.20
20 cm/8”





0,5
Normalprofil
Regular profile
Profile regulaire
Perfil regular
Profilo regolare

TOENNIS
24.364.18
18 cm/7”





24.492.18
18 cm/7”



24.492.20
20,5 cm/8”



24.492.23
23 cm/9”

0,5
Normalprofil
Regular profile
Profile regulaire
Perfil regular
Profilo regolare

LANGENBECK





24.370.14
14 cm/5½”



24.370.17
17 cm/6¾”

24.370.20
20 cm/8”



24.370.24
24 cm/9½”

MATHIEU



24.374.14
14 cm/5½”



24.374.17
17 cm/6¾”

24.374.20
20 cm/8”



24.374.24
24 cm/9½”

0,5
Normalprofil
Regular profile
Profile regulaire
Perfil regular
Profilo regolare

MATHIEU



24.394.14
14 cm/5½”



24.394.17
17 cm/6¾”



24.394.20
20 cm/7¾”

schlankes Modell
delicate pattern
modèle gracile
modelo delgado
modello fino

0,5
Normalprofil
Regular profile
Profile regulaire
Perfil regular
Profilo regolare

MATHIEU



ohne Sperre
without catch
sans crémaillère
sin cierre
senza serratura



12 cm/4¾"	**24.652.12**	**24.655.12**	**24.661.12**
15 cm/6"	**24.654.15**	**24.655.15**	
18,5 cm/7¼"	**24.656.18**	**24.653.18**	



mit Sperre
with catch
avec crémaillère
con cierre
con serratura



12 cm/4¾"	**24.662.12**	**24.667.12**	**24.663.12**
15 cm/6"	**24.664.15**	**24.667.15**	
18,5 cm/7¼"	**24.666.18**	**24.667.18**	
23 cm/9"		**24.667.23**	





24.650.10 24.651.10

ohne Sperre
without catch
sans crémaillère
sin cierre
senza serratura

BARRAQUER
10 cm/4"





24.636.10 24.637.10

mit Sperre
with catch
avec crémaillère
con cierre
con serratura

BARRAQUER-TROUTMAN
10 cm/4"





24.672.09 24.673.09

ohne Sperre
without catch
sans crémaillère
sin cierre
senza serratura

CASTROVIEJO
9 cm/3½"





24.674.09 24.675.09

mit Sperre
with catch
avec crémaillère
con cierre
con serratura

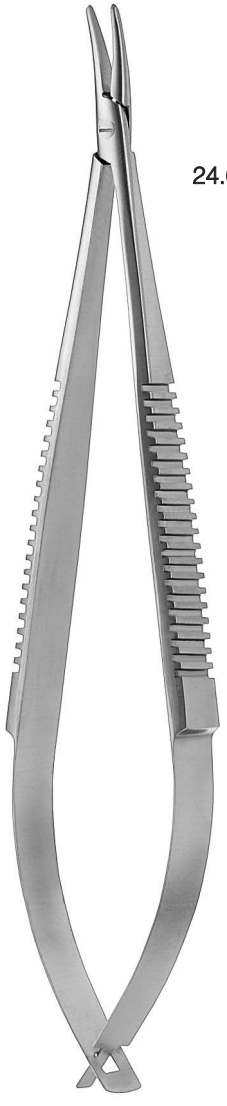
CASTROVIEJO
9 cm/3½"



24.670.14 24.671.14

mit Sperre
with catch
avec crémaillère
con cierre
con serratura

CASTROVIEJO
14 cm/5½"

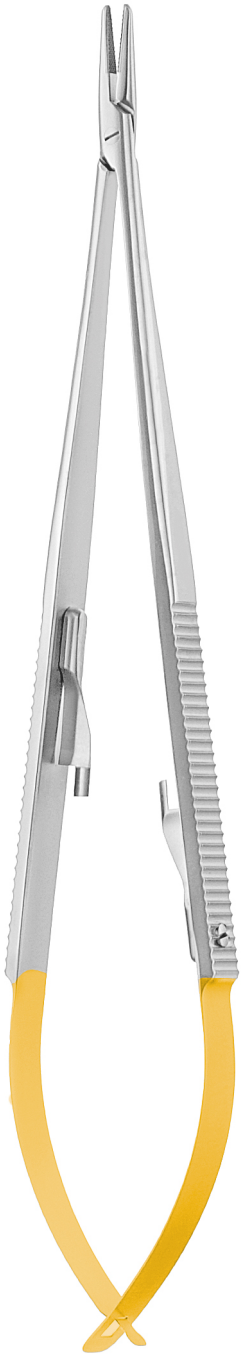


24.676.14 24.677.14

ohne Sperre
without catch
sans crémaillère
sin cierre
senza serratura

CASTROVIEJO
14 cm/5½"

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC



CASTROVIEJO-JACOBSON

	glattes Maul smooth jaw mors lisse boca lisa morso liscio		Mikroprofil Micro profile Profil micro Perfil micro Profilo micro		diamantiertes Maul diamond-coated jaw mors diamanté boca diamantada morso diamantato	
mit Sperre with catch avec crémaillère con cierre con serratura			0,3	0,3		
14,5 cm/5¾"	24.674.14	24.675.14	24.678.14	24.679.14	24.682.14	24.683.14
18 cm/7"	24.674.18	24.675.18	24.678.18	24.679.18	24.682.18	24.683.18
21 cm/8¼"	24.674.21	24.675.21	24.678.21	24.679.21	24.682.21	24.683.21
23 cm/9"	24.674.23	24.675.23	24.678.23	24.679.23		

	glattes Maul smooth jaw mors lisse boca lisa morso liscio		Mikroprofil Micro profile Profil micro Perfil micro Profilo micro		diamantiertes Maul diamond-coated jaw mors diamanté boca diamantada morso diamantato	
ohne Sperre without catch sans crémaillère sin cierre senza serratura			0,3	0,3		
14,5 cm/5¾"	24.694.14	24.695.14	24.698.14	24.699.14	24.696.14	24.697.14
18 cm/7"	24.694.18	24.695.18	24.698.18	24.699.18	24.696.18	24.697.18
21 cm/8¼"	24.694.21	24.695.21	24.698.21	24.699.21	24.696.21	24.697.21
23 cm/9"	24.694.23	24.695.23	24.698.23	24.699.23		

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC



TOLEDO

mit Sperre
with catch
avec crémaillère
con cierre
con serratura

	glattes Maul smooth jaw mors lisse boca lisa morso liscio		Mikroprofil Micro profile Profil micro Perfil micro Profilo micro		diamantiertes Maul diamond-coated jaw mors diamanté boca diamantada morso diamantato	
			0,3	0,3		
14 cm/5½"	24.774.14	24.775.14	24.778.14	24.779.14	24.782.14	24.783.14
18 cm/7"	24.774.18	24.775.18	24.778.18	24.779.18	24.782.18	24.783.18
21 cm/8¼"	24.774.21	24.775.21	24.778.21	24.779.21	24.782.21	24.783.21
23 cm/9"	24.774.23	24.775.23	24.778.23	24.779.23	24.782.23	24.783.23

ohne Sperre
without catch
sans crémaillère
sin cierre
senza serratura

	glattes Maul smooth jaw mors lisse boca lisa morso liscio		Mikroprofil Micro profile Profil micro Perfil micro Profilo micro		diamantiertes Maul diamond-coated jaw mors diamanté boca diamantada morso diamantato	
			0,3	0,3		
14 cm/5½"	24.794.14	24.795.14	24.798.14	24.799.14	24.796.14	24.797.14
18 cm/7"	24.794.18	24.795.18	24.798.18	24.799.18	24.796.18	24.797.18
21 cm/8¼"	24.794.21	24.795.21	24.798.21	24.799.21	24.796.21	24.797.21
23 cm/9"	24.794.23	24.795.23	24.798.23	24.799.23	24.796.23	24.797.23

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

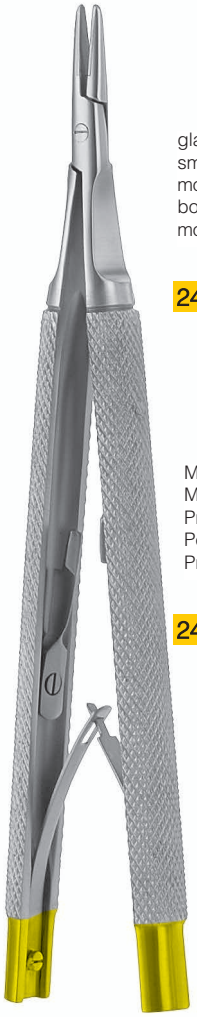
- ergonomic handle
- sophisticated design
- safe and fine feeling in hand, well balanced
- easy to clean
- no dirt catching knurlings

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

- 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

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC



glattes Maul
smooth jaw
mors lisse
boca lisa
morso liscio

24.684.13

0,4

Miniprofil
Mini profile
Profil mini
Perfil mini
Profilo mini

24.686.13

mit Sperre
with lock
avec crémaillère
con cierre
con fermo

CASTROVIEJO
13 cm/5"



24.690.16
16 cm/6¼"

24.691.16
16 cm/6¼"

24.690.18
18,5 cm/7¼"

24.691.18
18,5 cm/7¼"

24.693.16
16 cm/6¼"

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



24.710.20
20 cm/8"

24.710.22
22,5 cm/9"

24.711.16
16,5 cm/6½"

24.711.20
20cm/8"

24.711.22
22,5 cm/9"

24.711.24
24cm/9½"

YASARGIL





24.720.18
ohne Sperre
without catch
sans crémaillère
sin cierre
senza serratura



24.722.18
mit Sperre
with catch
avec crémaillère
con cierre
con serratura

JACOBSON
18 cm/7"

Leichtmetall Rundgriffe, gut ausbalanciert
Light-weight round handles, well balanced
Manches ronds en métal léger, bien équilibrés
Mangos redondos de metal ligero, bien equilibrados
Manici rotondi metallo leggero, equilibrio perfetto



ohne Sperre
without catch
sans crémaillère
sin cierre
senza serratura





15 cm/6"	**24.870.15**	**24.871.15**
18 cm/7"	**24.870.18**	**24.871.18**

mit Sperre
with catch
avec crémaillère
con cierre
con serratura





15 cm/6"	**24.872.15**	**24.873.15**
18 cm/7"	**24.872.18**	**24.873.18**

18,5 cm/7¼"



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

	mit Sperre with catch avec crémaillère con cierre con serratura	mit Sperre with catch avec crémaillère con cierre con serratura	ohne Sperre without catch sans crémaillère sin cierre senza serratura	ohne Sperre without catch sans crémaillère sin cierre senza serratura	
					
	11 x 0,8 mm	11 x 0,8 mm	11 x 0,8 mm	11 x 0,8 mm	
18 cm/7"	24.920.18			24.923.18	Titan Titanium Titane Titanio Titanio
21 cm/8¼"	24.920.21	24.921.21	24.922.21	24.923.21	

10

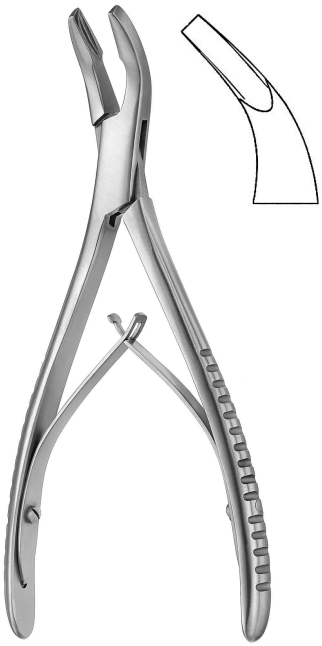
ORTHOPÄDIE, BOHRAPPARATE
ORTHOPEDICS, DRILLS
ORTHOPÉDIE, PERFORATEURS
ORTOPEDÍA, PERFORADORES
ORTOPEDIA, PERFORATORI



FRIEDMAN MINI
32.101.12
12 cm/5”



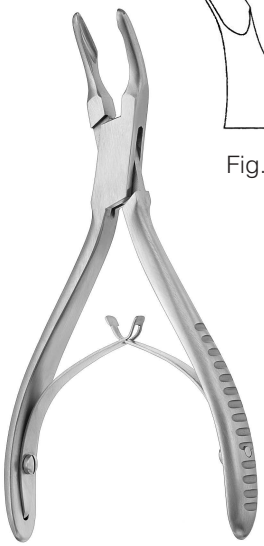
FRIEDMAN
32.101.14
14 cm/5½”



MEAD
32.109.16
16,5 cm/6½”



Fig. 4



CLEVELAND
32.103.14
14 cm/5½”



Fig. 4A



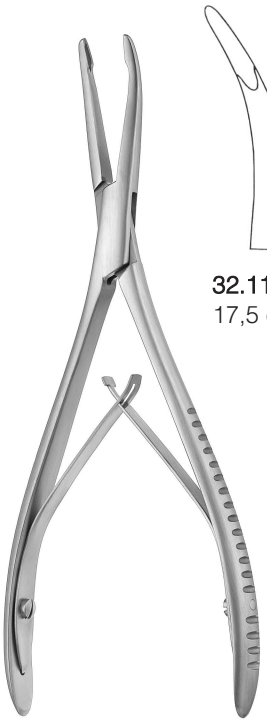
CLEVELAND
32.105.17
17 cm/6¾”

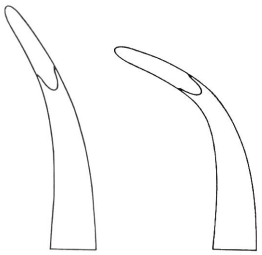


Fig. 1A



MEAD
32.107.16
16 cm/6¼”



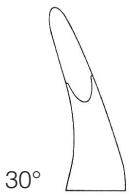


32.110.01
17,5 cm/7”

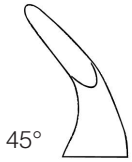
32.110.02
16,5 cm/6½”

STELLBRINK

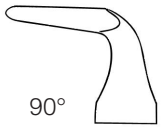




32.115.15



32.117.15



32.119.15

BLUMENTHAL
15,5 cm/6¼”

Synovektomiezangen
Synovectomy rongeurs
Synovectomie pinces-gouges
Synovectomy pinzas-gubias
Synovectomy pinze sgorbie



13 cm/5”



32.120.13
1,2 mm



32.121.13
1,2 mm



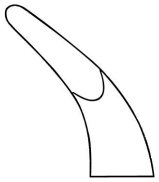
32.122.13
2,0 mm



32.123.13
2,0 mm



32.131.15



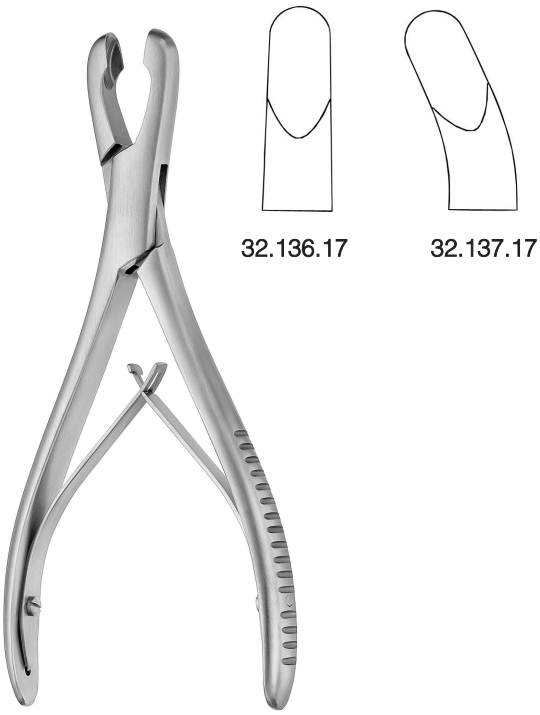
32.133.15

LUER
15 cm/6”



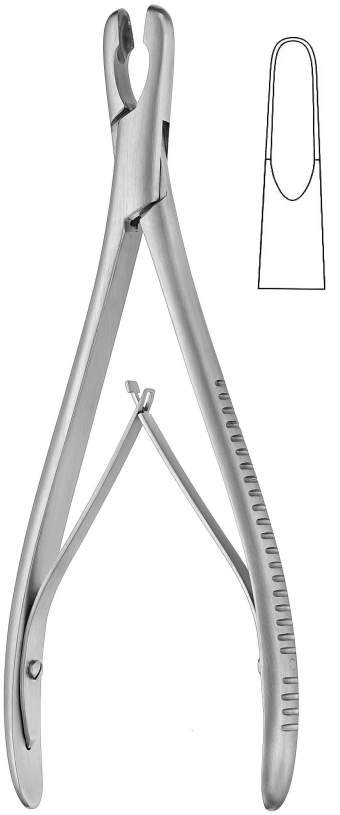
4 mm

BANE-HARTMANN
32.135.18
18 cm/7”



32.136.17 **32.137.17**

LUER
17 cm/6¾”



	ADSON	
20 cm/8”	**32.142.20**	**32.143.20**



OLIVECRONA
32.147.20
20 cm/8”

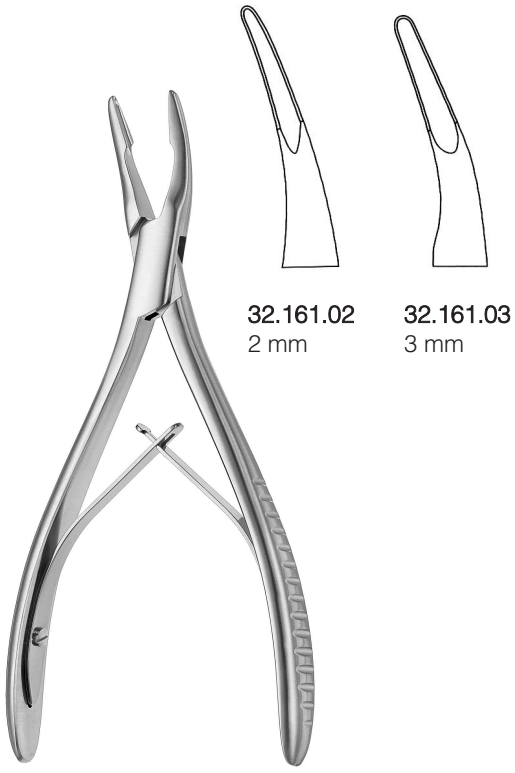


32.154.18 32.155.18

LEMPERT
18,5 cm/7¼”



BEYER
32.159.18
18 cm/7”



32.161.02
2 mm

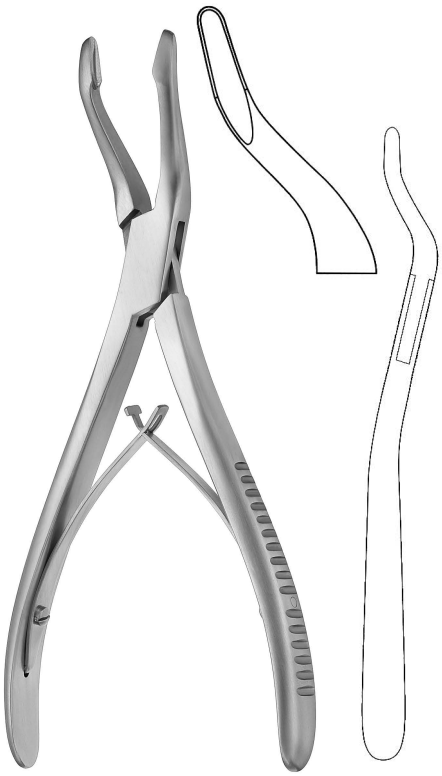
32.161.03
3 mm

BEYER
17 cm/6¾”

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



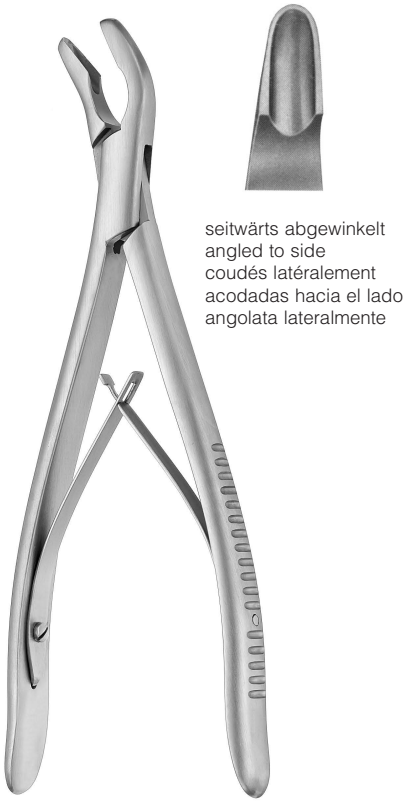
BACON
32.165.20
20 cm/8”



JANSEN
32.167.19
19 cm/7½”



GULEKE
32.169.20
20,5 cm/8¼”

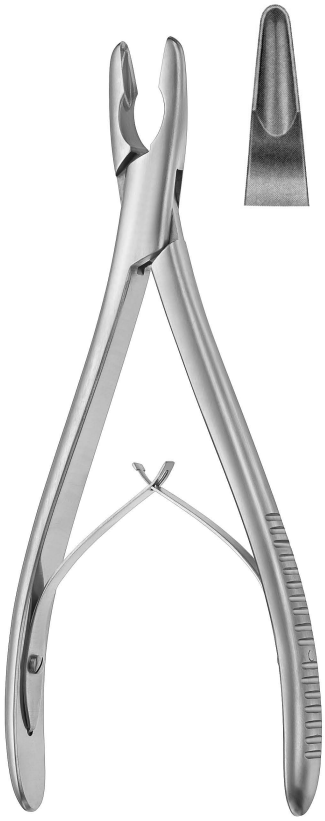


seitwärts abgewinkelt
angled to side
coudés latéralement
acodadas hacia el lado
angolata lateralmente

TROTTER
32.175.20
20,5 cm/8”



NORTHFIELD
32.176.21
21 cm/8¼”



PENNYBAKER
32.178.20
20 cm/8”



MAYFIELD
32.197.17
17 cm/6¾”



BEYER
32.201.18
18 cm/7”



ZAUFAL JANSEN
32.205.18
18 cm/7”





32.209.15
1,7 mm



32.210.15
2 mm



32.211.15
2 mm



32.212.15
3 mm



32.213.15
3 mm

BOEHLER
15 cm/5¾”



MARQUARDT
32.215.20
20 cm/8”



32.21



32.217.18

RUSKIN
18 cm/7”



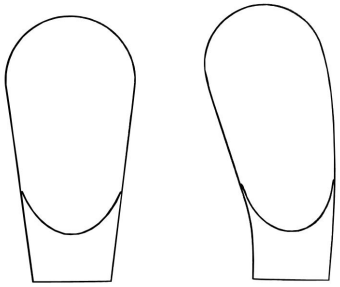
RUSKIN
32.218.23
23 cm/9”



RUSKIN
32.219.23
23 cm/9”



STILLE LUER



32.228.23
23 cm/9”

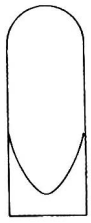
32.228.27
26,5 cm/10½”

32.229.23
23 cm/9”

32.229.27
26,5 cm/10½”

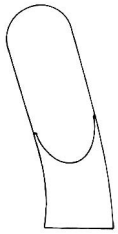


STILLE LUER



32.230.22
22 cm/8¾”

32.230.26
26 cm/10¼”



32.231.22
22 cm/8¾”

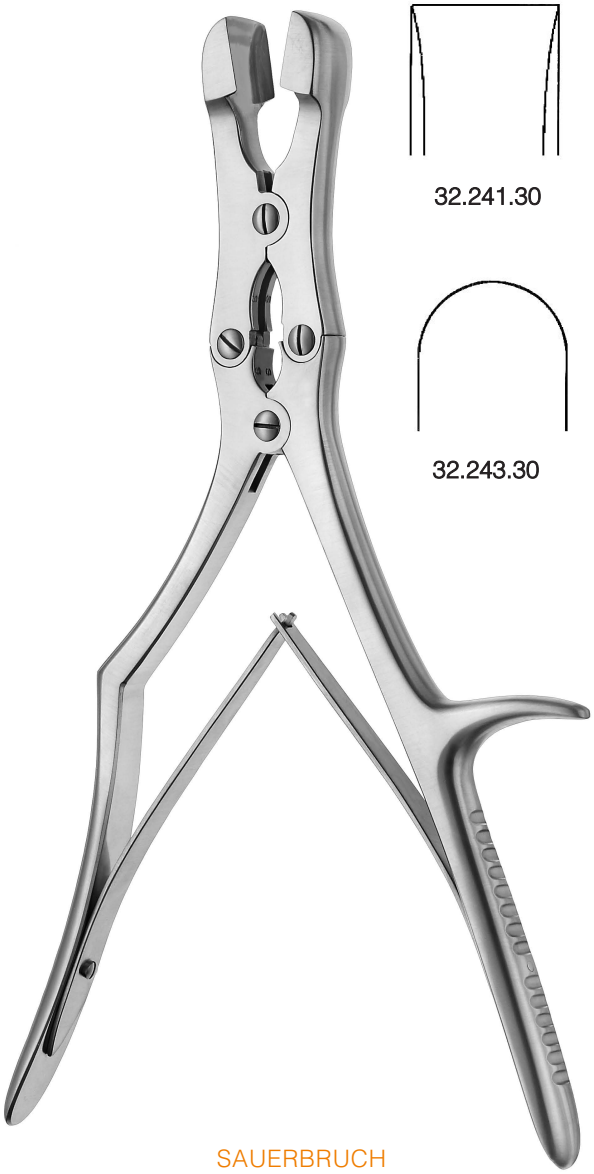
32.231.26
26 cm/10¼”



STILLE LUER
32.235.23
23 cm/9”



STILLE RUSKIN
32.237.23
23 cm/9”

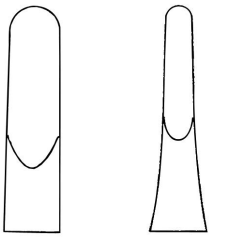


32.241.30

32.243.30

SAUERBRUCH
31 cm/12¼”





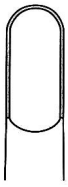
32.245.23
8 mm

32.247.23
4 mm

LEKSELL (STILLE)
23 cm/9”



32.249.05
5 mm



32.249.08
8 mm

LEKSELL
23 cm/9”



FRYKHOLM
32.255.24
24 cm/9½”

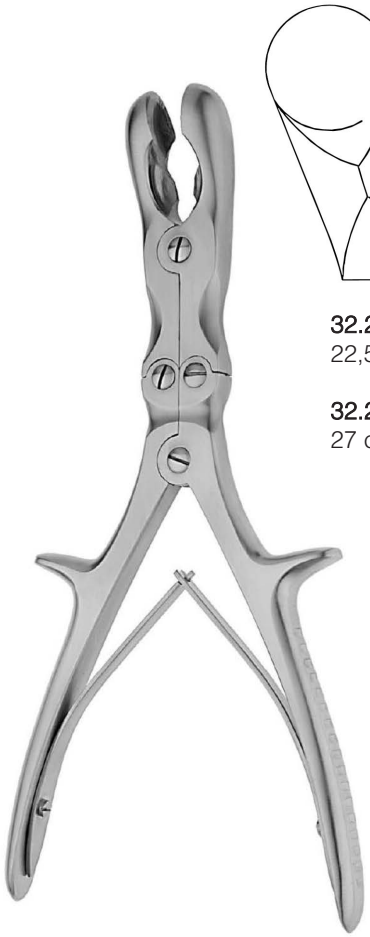


32.259.02
2 mm

32.259.03
3 mm

32.259.23
4 mm

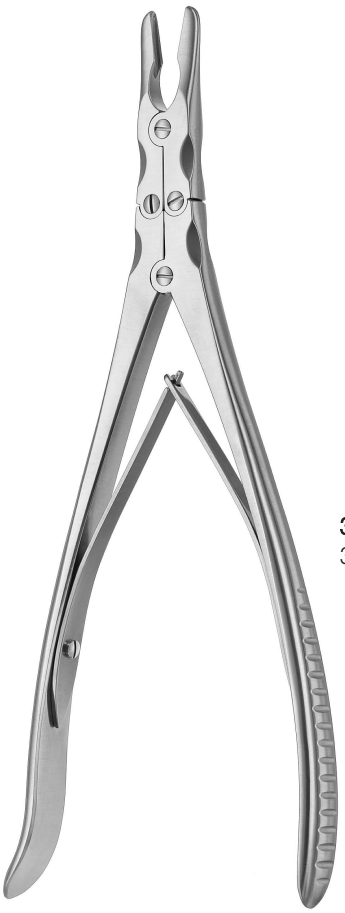
ECHLIN
23 cm/9”



32.261.22
22,5 cm/9”

32.261.27
27 cm/10¾”

SEMB





32.265.24
3 mm



32.263.24
3 mm



32.262.24
3 mm

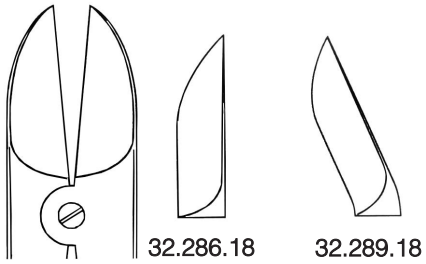
SMITH PETERSEN
24 cm/9½”



McINDOE
32.284.17
17,5 cm/7”



RUSKIN LISTON
18,5 cm/7¼”





LISTON-KEY-HORSLEY
32.293.27
24,5 cm/9¾”





32.469.96
Fig. 0000



32.469.97
Fig. 000



32.469.98
Fig. 00



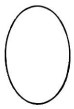
32.470.00
Fig. 0



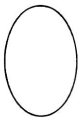
32.470.01
Fig. 1



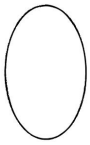
32.470.02
Fig. 2



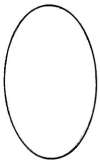
32.470.03
Fig. 3



32.470.04
Fig. 4



32.470.05
Fig. 5



32.470.06
Fig. 6

VOLKMANN
17 cm/6¾”

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





32.480.97
Fig. 000



32.480.98
Fig. 00



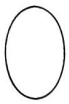
32.481.00
Fig. 0



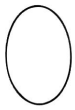
32.481.01
Fig. 1



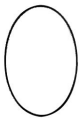
32.481.02
Fig. 2



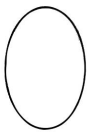
32.481.03
Fig. 3



32.481.04
Fig. 4



32.481.05
Fig. 5



32.481.06
Fig. 6

BRUNS
23 cm/9”

oval, massiv
oval, solid
ovale, solide
ovalada, maciza
ovala, solida



32.482.01

32.482.02

32.482.03

SCOVILLE
25 cm/9¾”

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



32.485.01
Fig. 1

32.485.02
Fig. 2

32.485.03
Fig. 3

32.485.04
Fig. 4

32.485.05
Fig. 5

32.485.06
Fig. 6

SIMON
24 cm/9½”

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



32.486.99
Fig. 00

32.487.00
Fig. 0

32.487.01
Fig. 1

32.487.02
Fig. 2

DAUBENSPECK
20 cm/8”



32.490.10
Fig. 0

32.490.20
Fig. 00

32.490.30
Fig. 000

32.490.40
Fig. 0000

32.490.50
Fig. 00000

LEMPERT
21,5 cm/8¼”



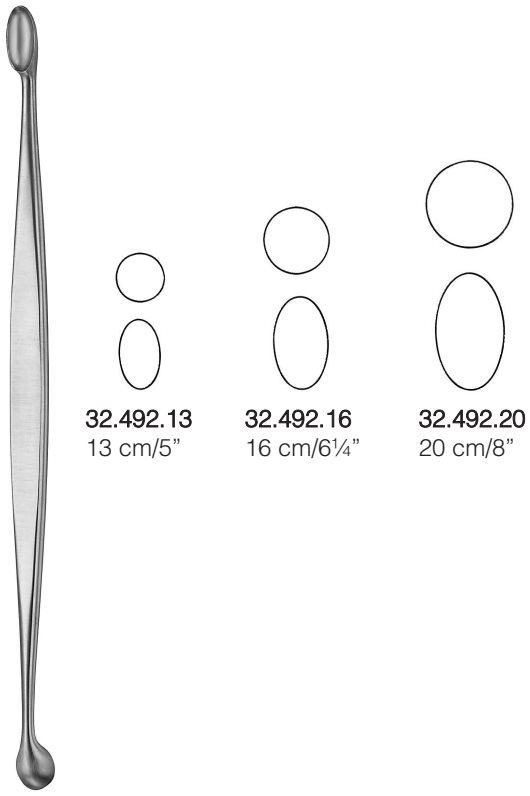
32.491.01
Fig. 1

32.491.02
Fig. 2

32.491.03
Fig. 3

oval, biegsamer Schaft, mit Hohlheft
oval, malleable shaft, with hollow handle
ovale, avec tige malléable, avec manche creux
ovalada, vástago maleable, con mango hueco
ovala, con gambo malleabile, con manico vuoto

HALLE
21 cm/8¼”

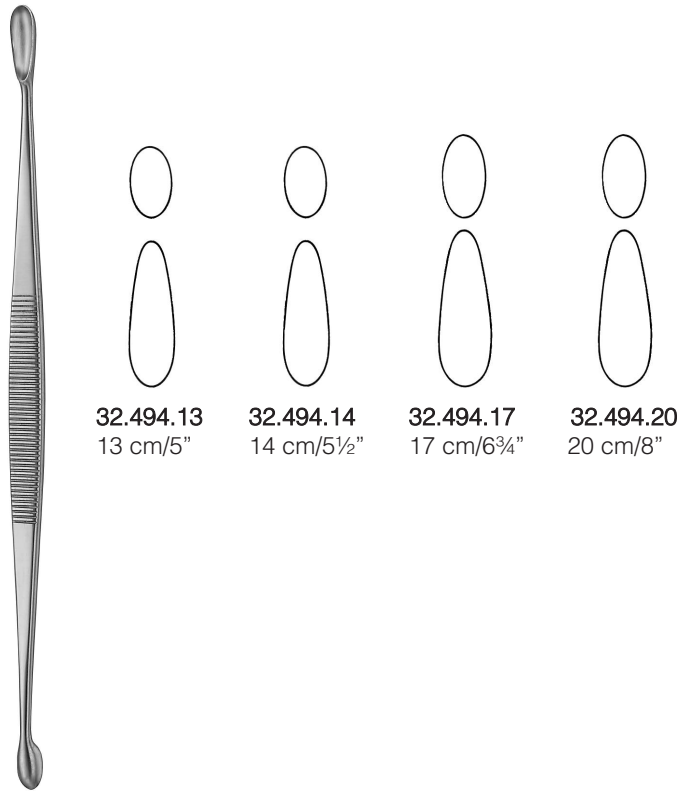


32.492.13
13 cm/5”

32.492.16
16 cm/6¼”

32.492.20
20 cm/8”

VOLKMANN



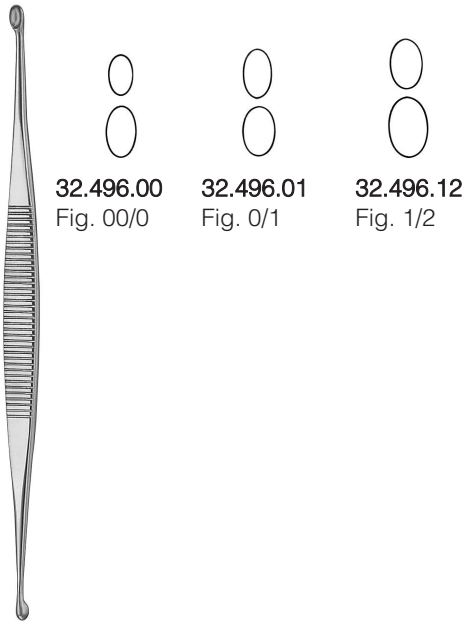
32.494.13
13 cm/5”

32.494.14
14 cm/5½”

32.494.17
17 cm/6¾”

32.494.20
20 cm/8”

VOLKMANN

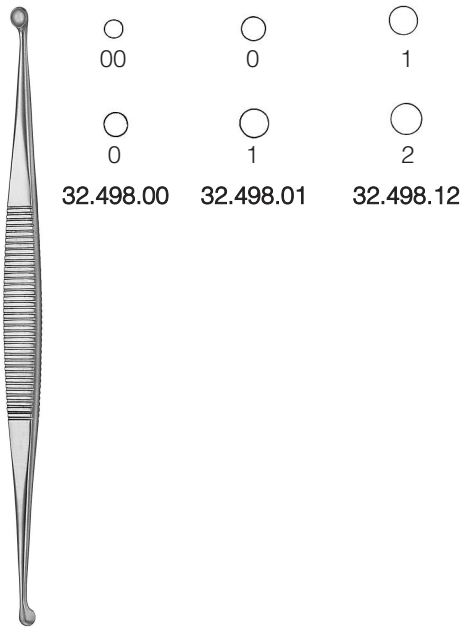


32.496.00
Fig. 00/0

32.496.01
Fig. 0/1

32.496.12
Fig. 1/2

WILLIGER
13,5 cm/5¼”

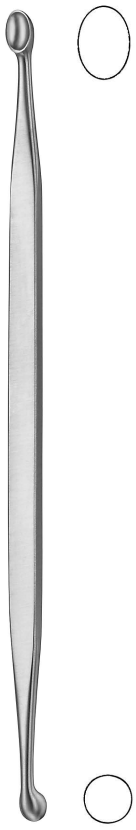


32.498.00

32.498.01

32.498.12

MARTINI
13,5 cm/5¼”



32.502.21
21 cm/8¼”



COBB
28 cm/11”



32.501.00
Fig. 000



32.502.00
Fig. 00



32.503.00
Fig. 0



32.503.01
Fig. 1



32.503.02
Fig. 2



32.503.03
Fig. 3



32.503.04
Fig. 4



32.503.05
Fig. 5



32.503.06
Fig. 6



VOLKMANN
27 cm/10¾”



32.504.00
Fig. 00



32.504.10
Fig. 0



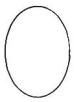
32.504.01
Fig.1



32.504.02
Fig. 2



32.504.03
Fig. 3



32.504.04
Fig. 4



32.504.97
3,6 mm
Fig. 000



32.504.98
4,4 mm
Fig. 00



32.505.00
5,2 mm
Fig. 0



CASPAR
22 cm/8¾”



32.505.97
3,6 mm
Fig. 000



32.505.98
4,4 mm
Fig. 00

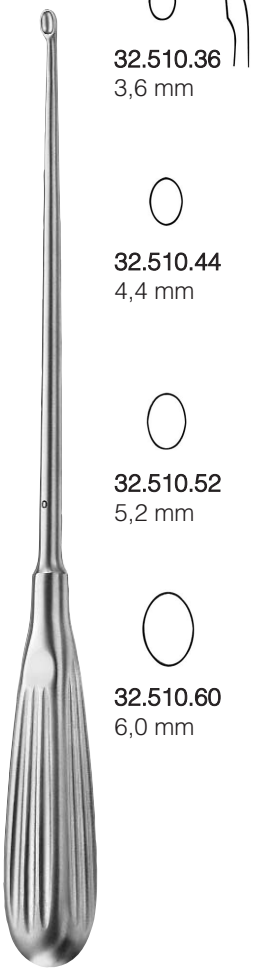


32.506.00
5,2 mm
Fig. 0

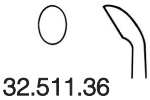


CASPAR
22 cm/8¾”

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179 - 184
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32.510.36
3,6 mm



32.511.36
3,6 mm

32.510.44
4,4 mm



32.511.44
4,4 mm

32.510.52
5,2 mm



32.511.52
5,2 mm

32.510.60
6,0 mm



32.511.60
6,8 mm

25 cm/9¾”





32.513.03
3,0 mm



32.513.04
4,0 mm



32.513.05
5,0 mm

BUSHE
25 cm/10”



EPSTEIN
20 cm/8”

Fig. 0	3,0 mm	**32.514.10**
Fig. 00	2,5 mm	**32.514.20**
Fig. 000	2,0 mm	**32.514.30**



32.518.04
4,0 mm

32.518.05
5,0 mm

32.518.06
6,0 mm

gezahnt
toothed
dentelée
dentada
dentata

CASPAR
22 cm/8¾”



32.519.03
3,0 mm

32.519.04
4,0 mm

gezahnt
toothed
dentelée
dentada
dentata

CASPAR
27 cm/10¾”



32.520.04
4,0 mm

32.520.05
5,0 mm

gezahnt
toothed
dentelée
dentada
dentata

CASPAR
25 cm/10”

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Fig. 000


Fig. 00


Fig. 0


Fig. 1


Fig. 2


Fig. 3


Fig. 4


Fig. 5


Fig. 6



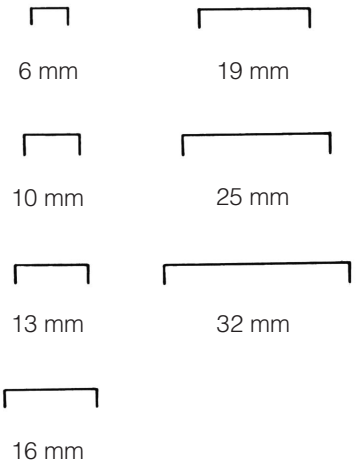




	20 cm/8” gerade straight droits rectas rette	20 cm/8” gebogen curved courbées curvas curve	28 cm/11” gerade straight droits rectas rette
Fig. 000	32.521.97	32.524.97	32.529.97
Fig. 00	32.521.98	32.524.98	32.529.98
Fig. 0	32.522.00	32.525.00	32.530.00
Fig. 1	32.522.01	32.525.01	32.530.01
Fig. 2	32.522.02	32.525.02	32.530.02
Fig. 3	32.522.03	32.525.03	32.530.03
Fig. 4	32.522.04	32.525.04	32.530.04
Fig. 5	32.522.05	32.525.05	32.530.05
Fig. 6	32.522.06	32.525.06	32.530.06

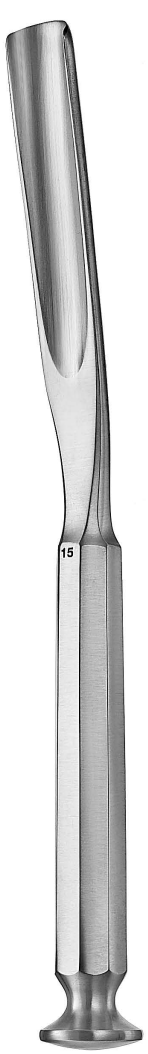


28 cm/11”

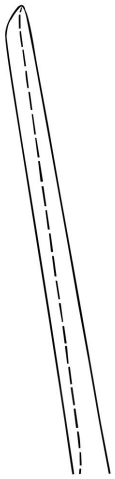


	gerade straight droits rectos rette	gebogen curved courbés curvos curve
6 mm/¼”	**32.550.06**	**32.551.06**
10 mm/⅜”	**32.550.10**	**32.551.10**
13 mm/½”	**32.550.13**	**32.551.13**
16mm/⅝”	**32.550.16**	**32.551.16**
19 mm/¾”	**32.550.19**	**32.551.19**
25 mm/1”	**32.550.25**	**32.551.25**
32 mm/1¼”	**32.550.32**	**32.551.32**

Hohlmeißel zur Knorpelentnahme aus der Rippe
Gouges for taking grafts from the ribs
Gouges pour la prise de greffons des côtes
Gubias para la toma de injertos de las costillas
Sgorbie per l'adozione di innesti dalla costola



WALTER
20 cm/8”



32.629.10	10 mm
32.629.15	15 mm



32.584.03
ø 3 mm

32.584.05
ø 5 mm

32.584.08
ø 8 mm

CASPAR
20 cm/8”



32.586.12
ø 12 mm

32.586.14
ø 14 mm

32.586.16
ø 16 mm

CASPAR
20 cm/8”



32.588.03
ø 3 x 8 mm

32.588.04
ø 4 x 10 mm

32.588.05
ø 5 x 15 mm

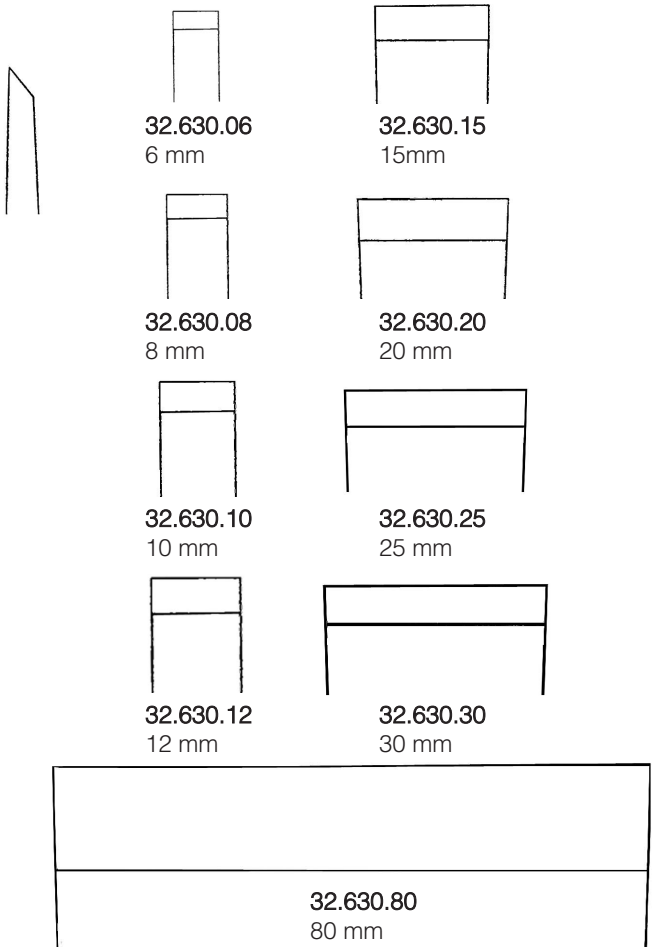
32.588.06
ø 6 x 20 mm

SYPERT
29 cm/11½”

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STILLE
20 cm/8”



32.630.06
6 mm

32.630.15
15mm

32.630.08
8 mm

32.630.20
20 mm

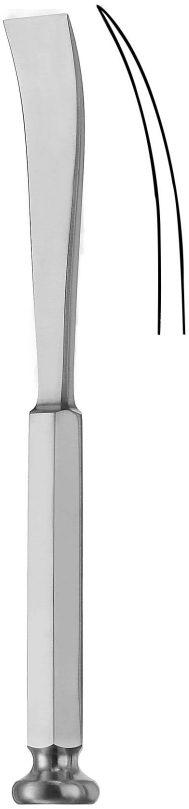
32.630.10
10 mm

32.630.25
25 mm

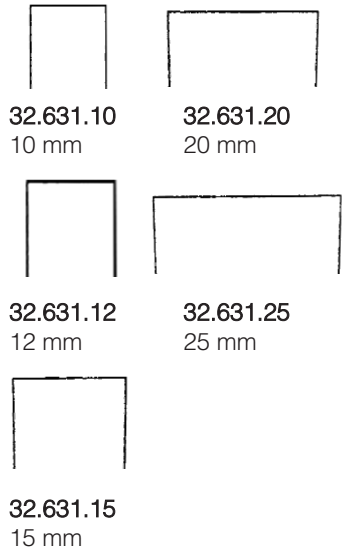
32.630.12
12 mm

32.630.30
30 mm

32.630.80
80 mm



STILLE
20 cm/8”



32.631.10
10 mm

32.631.20
20 mm

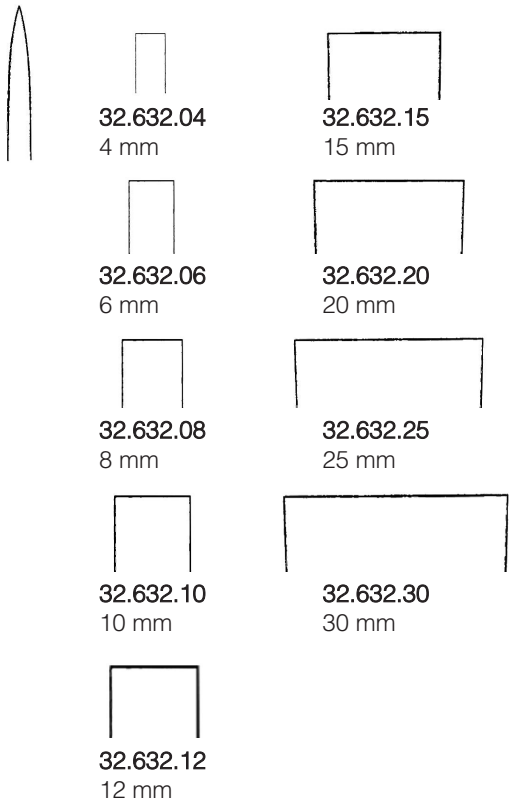
32.631.12
12 mm

32.631.25
25 mm

32.631.15
15 mm



STILLE
20 cm/8”



32.632.04
4 mm

32.632.15
15 mm

32.632.06
6 mm

32.632.20
20 mm

32.632.08
8 mm

32.632.25
25 mm

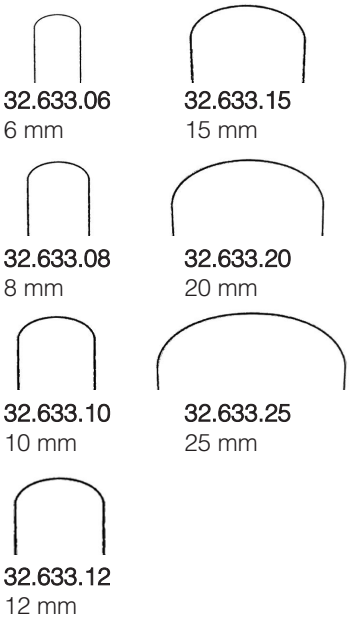
32.632.10
10 mm

32.632.30
30 mm

32.632.12
12 mm



STILLE
20 cm/8”



32.633.06
6 mm

32.633.15
15 mm

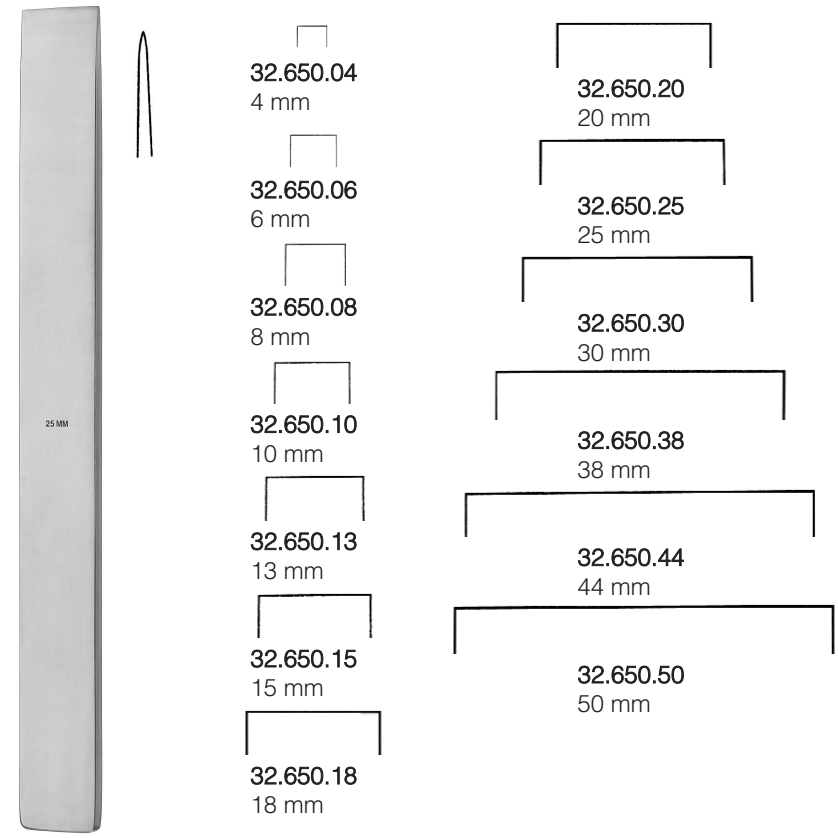
32.633.08
8 mm

32.633.20
20 mm

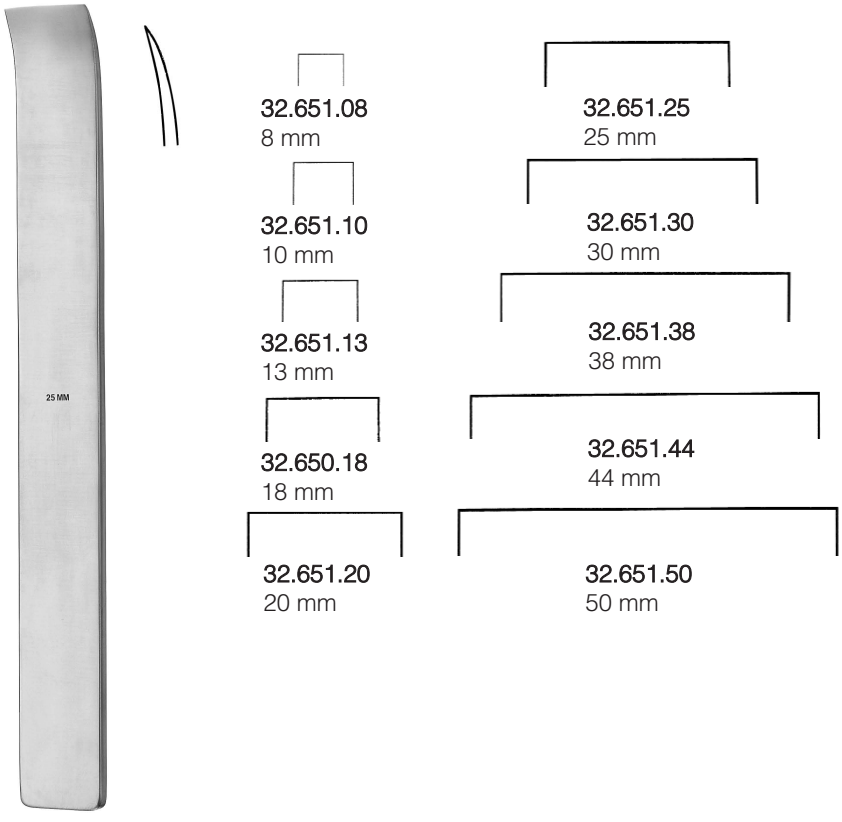
32.633.10
10 mm

32.633.25
25 mm

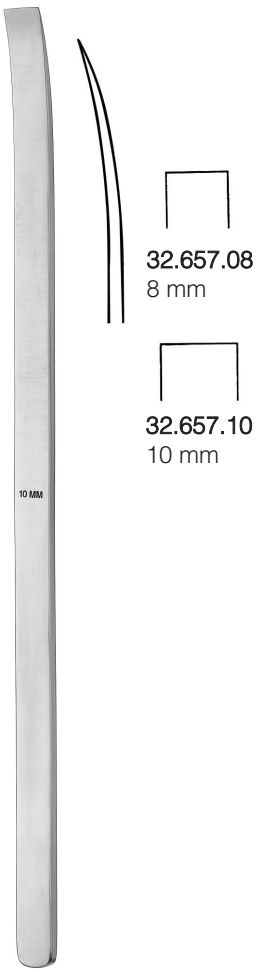
32.633.12
12 mm



LAMBOTTE
24 cm/9½”



LAMBOTTE
24 cm/9½”



32.657.08
8 mm

32.657.10
10 mm

NIEDERDELLMANN
25 cm/9¾”



46.454.04
4 mm

46.454.07
7 mm

46.454.09
9 mm

46.454.12
12 mm

COTTLE
18 cm/7”



48.626.08
8 mm

48.626.11
11 mm

OBWEGESER
23,5 cm/9¼”





32.661.01
5,5 mm

32.661.02
9,0 mm

Hohlmeißel
Gouges
Gouges
Gubias
Sgorbie

ZIELKE
23 cm/9”





32.662.06
6 mm

32.662.08
8 mm

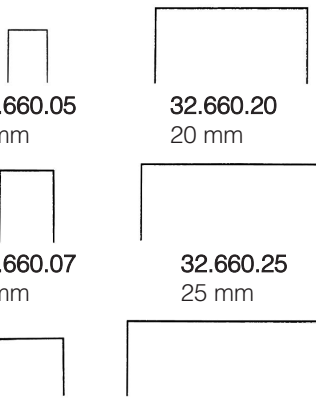
32.662.11
11 mm

32.662.16
16 mm

Meißel, bajonettförming
Gouges, bayonet-shaped
Gouges, de forma baïonnette
Gubias, en forma bayoneta
Sgorbie, a forma di baionetta

23,5 cm/9¼”





32.660.05
5 mm

32.660.20
20 mm

32.660.07
7 mm

32.660.25
25 mm

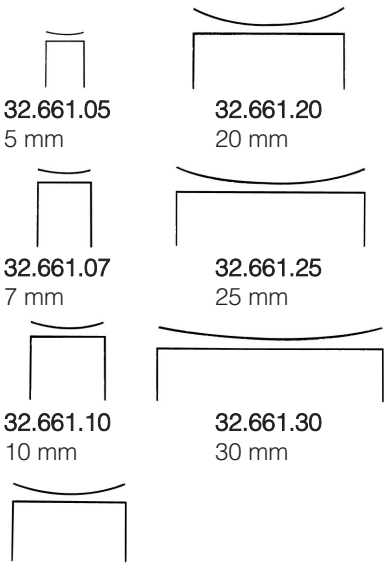
32.660.10
10 mm

32.660.30
30 mm

32.660.15
15 mm

LEXER
22 cm/8¾”





32.661.05
5 mm

32.661.20
20 mm

32.661.07
7 mm

32.661.25
25 mm

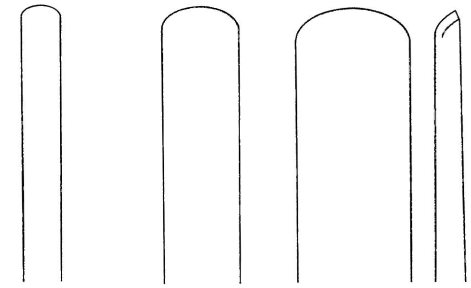
32.661.10
10 mm

32.661.30
30 mm

32.661.15
15 mm

LEXER
22 cm/8¾”





32.663.05
5 mm

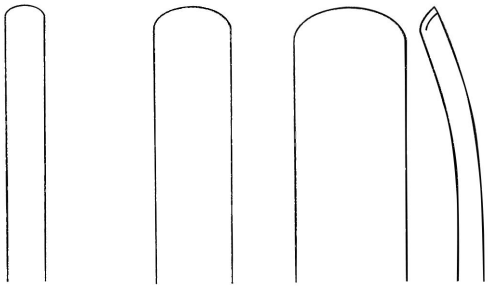
32.663.10
10 mm

32.663.15
15 mm

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

LEXER
25 cm/9¾”





32.663.55
5 mm

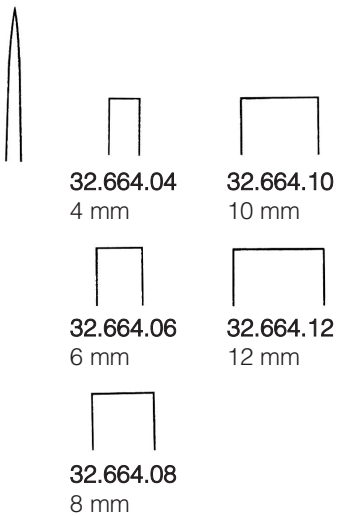
32.663.60
10 mm

32.663.65
15 mm

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

LEXER
25 cm/9¾”





32.664.04
4 mm

32.664.10
10 mm

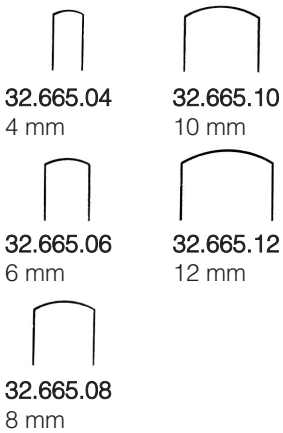
32.664.06
6 mm

32.664.12
12 mm

32.664.08
8 mm

LEXER-mini
18 cm/7”





32.665.04
4 mm

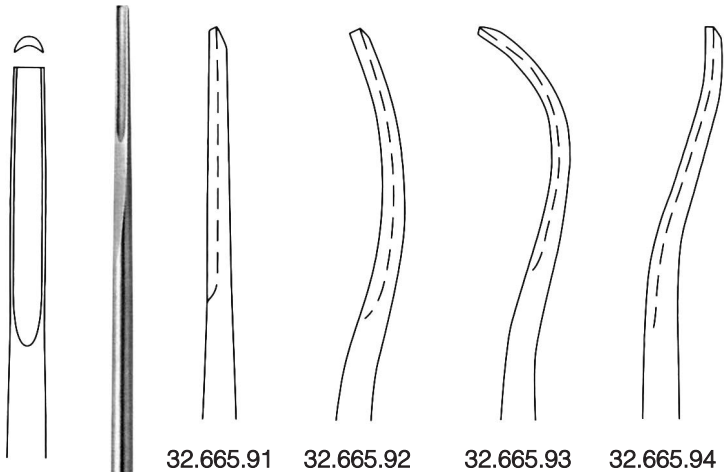
32.665.10
10 mm

32.665.06
6 mm

32.665.12
12 mm

32.665.08
8 mm

LEXER-mini
18 cm/7”



32.665.91 32.665.92 32.665.93 32.665.94

Hohlmeißel
Gouges
Gouges
Gubias
Sgorbie

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

COBB
28 cm/11”
4 mm

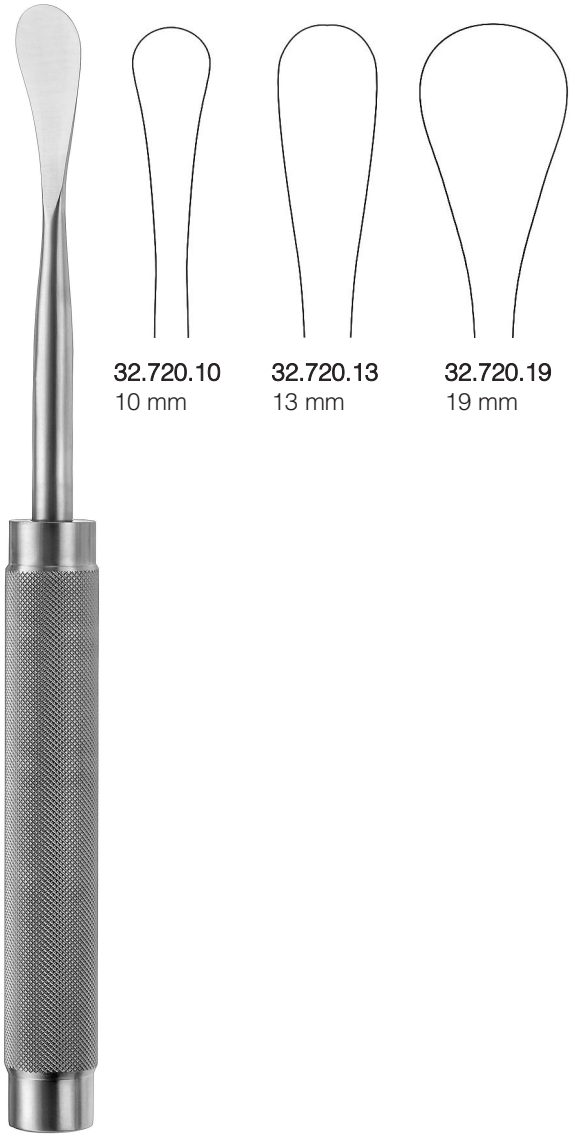


32.669.01 32.669.02

32.669.03 32.669.04

Hohlmeißel
Gouges
Gouges
Gubias
Sgorbie

COBB
28 cm/11”
6 mm

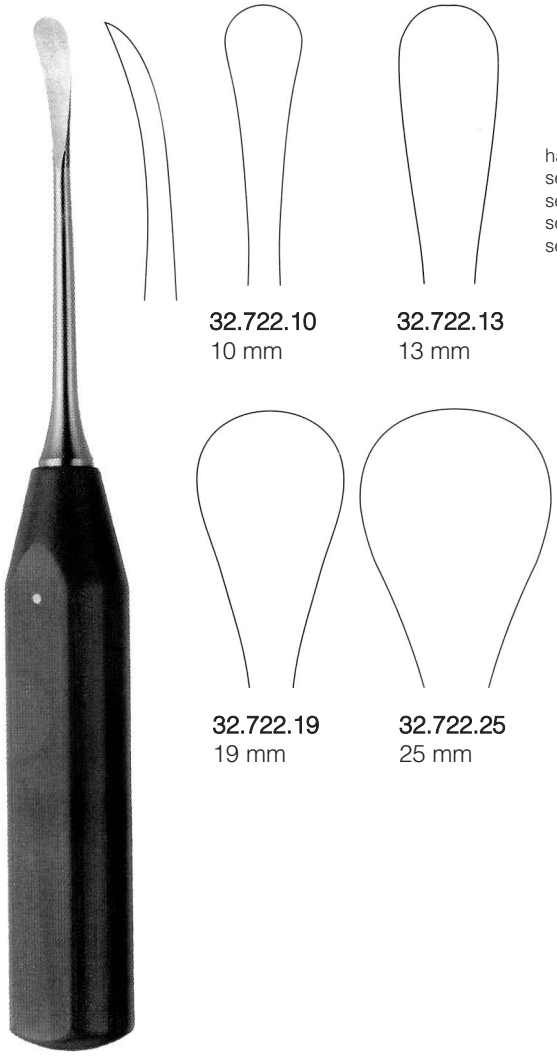


32.720.10
10 mm

32.720.13
13 mm

32.720.19
19 mm

COBB
28 cm/11”



halbscharf
semi-sharp
semi-pointu
semi agudo
semi acuto

32.722.10
10 mm

32.722.13
13 mm

32.722.19
19 mm

32.722.25
25 mm

COBB
25 cm/10”



Kopf
Head
Tête
Cabeza
Testa
ø 35 mm

komplett mit:
1 Paar Metallbacken **32.687.01** und
1 Paar Kunststoffbacken **32.687.02** und
1 Schlüssel

complete with:
1 pair of metal disks **32.687.01** and
1 pair of plastic disks **32.687.02** and
1 wrench

complet avec:
1 paire de disques métalliques **32.687.01**
1 paire de disques en plastique **32.687.02**
1 clé

completo con:
1 par de discos de metal **32.687.01**
1 par de discos de plástico **32.687.02**
1 llave

completo di:
1 paio di dischi di metallo **32.687.01**
1 paio di dischi di plastica **32.687.02**
1 chiave

WAGNER
32.687.00
24,5 cm/9¾”

32.687.01
215 g

1 Metallbacke, plan
1 Metallbacke, convex

1 metal disk, plane
1 metal disk, convex

1 disque de métal, plan
1 disque de métal, convexe

1 disco de metal, plano
1 disco de metal, convexo

1 disco di metallo, piatte
1 disco di metallo, convessa

32.687.02
30 g

1 Kunststoffbacke, plan
1 Kunststoffbacke, convex

1 plastic disk, plane
1 plastic disk, convex

1 disque en plastique, plan
1 disque en plastique, convexe

1 disco de plástico, plano
1 disco de plástico, convexo

1 disco di plastica, piatte
1 disco di plastica, convessa



Kopf
Head
Tête
Cabeza
Testa
ø 27 mm

Gewicht
Weight
Poids
Peso
Peso
140 g

HAJEK
32.687.22
22 cm/8¾”

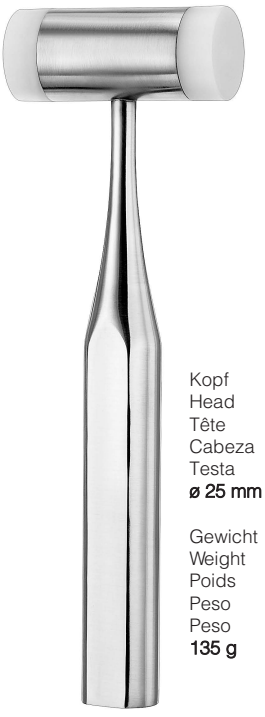


Kopf
Head
Tête
Cabeza
Testa
ø 30 mm

Gewicht
Weight
Poids
Peso
Peso
300 g

COTTLE
32.689.24
19 cm/7½”

plan / konvex
plane / convex
plan / convexe
plano / convexo
plano / convesso



Kopf
Head
Tête
Cabeza
Testa
ø 25 mm

Gewicht
Weight
Poids
Peso
Peso
135 g

32.691.14
18,5 cm/7¼”

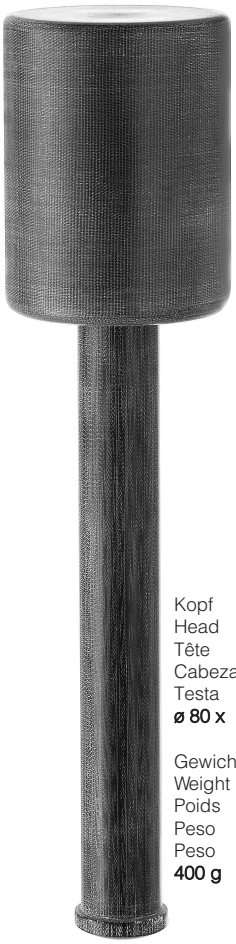
32.691.99
Ersatzbacken zu **32.691.14,** Paar
Spare disks to **32.691.14,** pair
Disques de rechange pour **32.691.14,** paire
Discos de repuesto para **32.691.14,** par
Dischi di ricambio per **32.691.14,** paio



Kopf
Head
Tête
Cabeza
Testa
ø 20 mm

Gewicht
Weight
Poids
Peso
Peso
140 g

WILLIGER
32.695.14
16,5 cm/6½”



Kopf
Head
Tête
Cabeza
Testa
ø 80 x 60 mm

Gewicht
Weight
Poids
Peso
Peso
400 g

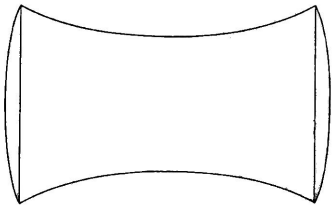
STEINBACH
32.695.40
24 cm/9½”

Kunststoff, massiv
Plastic, solid
Matière plastique, solide
Plástico, sólido
Materia plastica, piena



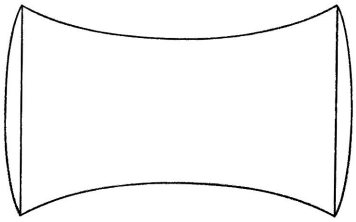
WILLIGER
24 cm/9½”

bleigefüllt
lead filled
templi de plomb
relleno de plomo
ripieno di piombo



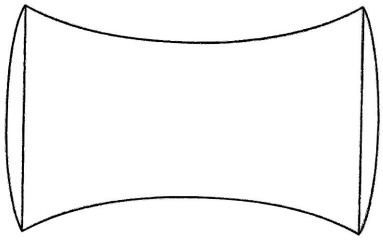
32.694.30

Kopf	Gewicht
Head	Weight
Tête	Poids
Cabeza	Peso
Testa	Peso
ø 26 mm	**300 g=10oz**



32.694.34

Kopf	Gewicht
Head	Weight
Tête	Poids
Cabeza	Peso
Testa	Peso
ø 28 mm	**340 g=12oz**



32.694.40

Kopf	Gewicht
Head	Weight
Tête	Poids
Cabeza	Peso
Testa	Peso
ø 30 mm	**400 g=14oz**

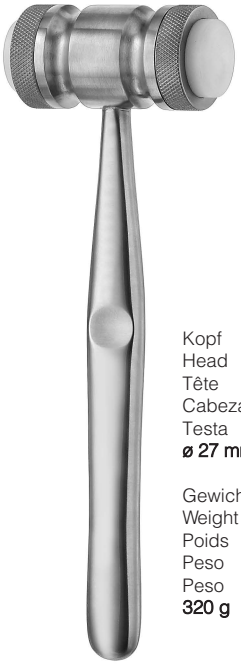


Kopf
Head
Tête
Cabeza
Testa
ø 22 mm

Gewicht
Weight
Poids
Peso
Peso
155 g

32.696.19
19 cm/7½”

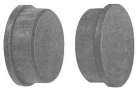
bleigefüllt
lead filled
templi de plomb
relleno de plomo
ripieno di piombo



Kopf
Head
Tête
Cabeza
Testa
ø 27 mm

Gewicht
Weight
Poids
Peso
Peso
320 g

MEAD
32.696.32
17 cm/6¾”



32.697.02

Ersatzbacken (Paar)
Spare disks (pair)
Disques de rechange (paire)
Discos de repuesto (par)
Dischi di ricambio (paio)

Kunststoff (Nylon)
Plastic (nylon)
Matière plastique (nylon)
Plástico (nilón)
Plastica (nilon)



26 cm/10¼”

Kopf
Head
Tête
Cabeza
Testa
ø 42 mm

Gewicht
Weight
Poids
Peso
Peso
250 g

32.698.25

aus Kunststoff
ohne Blei

made of plastic
without lead

en matière plastique
sans plomb

de plástico
sin plomo

in plastica
senza piombo

Kopf
Head
Tête
Cabeza
Testa
ø 42 mm

Gewicht
Weight
Poids
Peso
Peso
400 g

32.698.40

aus Kunststoff
mit Bleifüllung

made of plastic
with lead filling

en matière plastique
templi de plomb

de plástico
relleno de plomo

in plastica
ripieno di piombo



Kopf
Head
Tête
Cabeza
Testa
ø 25 mm

Gewicht
Weight
Poids
Peso
Peso
240 g

32.701.18
18,5 cm/7”

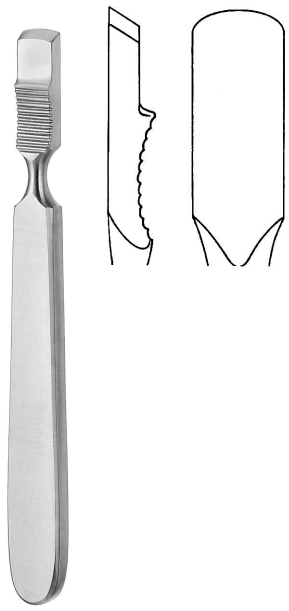
mit einer flachen und einer
aufgerauhten Fläche

with one smooth and one
rough surface

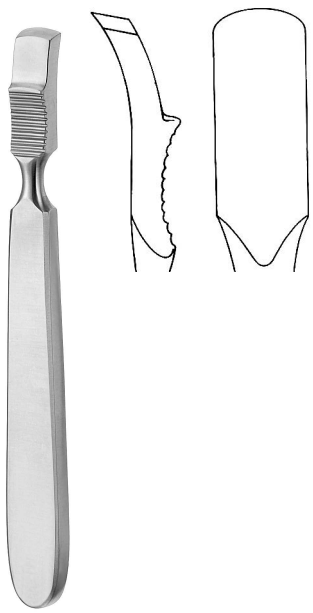
avec une surface plane et
rugueuse

con una superficie plana y
rugosa

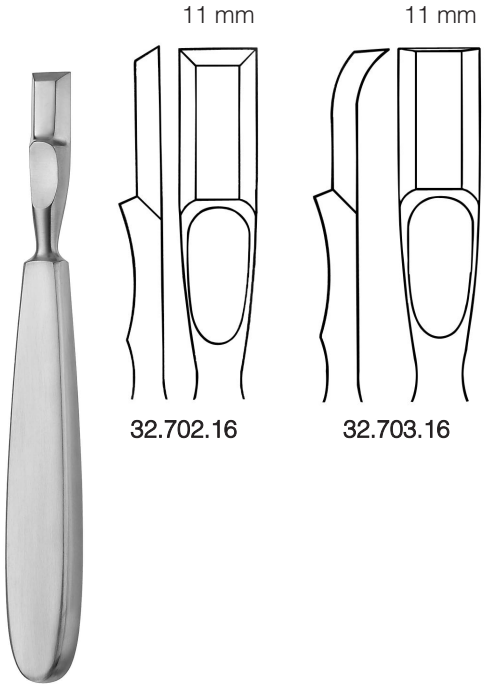
con superficie piana e
ruvida



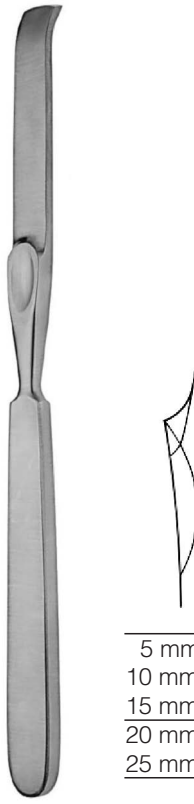
FARABEUF
32.702.15
15 cm/5¾”



FARABEUF
32.703.15
15 cm/5¾”



FARABEUF - COLLIN
16 cm/6¼”



LAMBOTTE
21 cm/8¼”



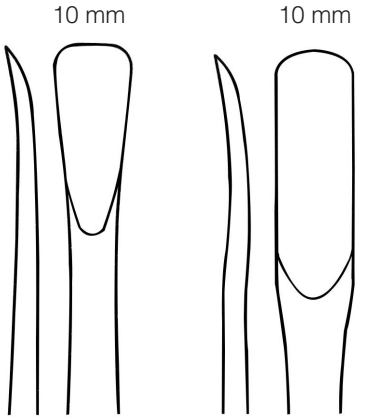
5 mm	**32.705.05**
10 mm	**32.705.10**
15 mm	**32.705.15**
20 mm	**32.705.20**
25 mm	**32.705.25**



MCKISSOCK
32.708.19
19,5 cm/7¾”

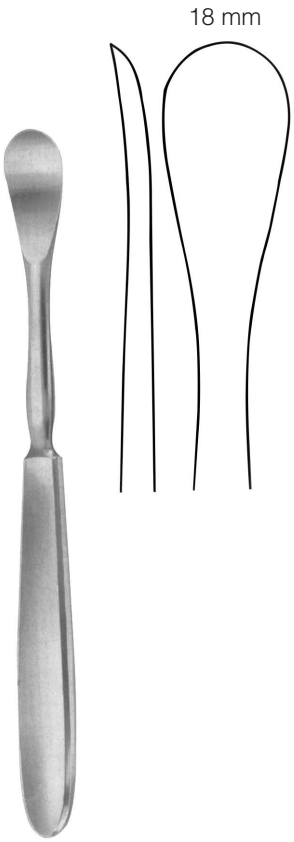


KRÄMER

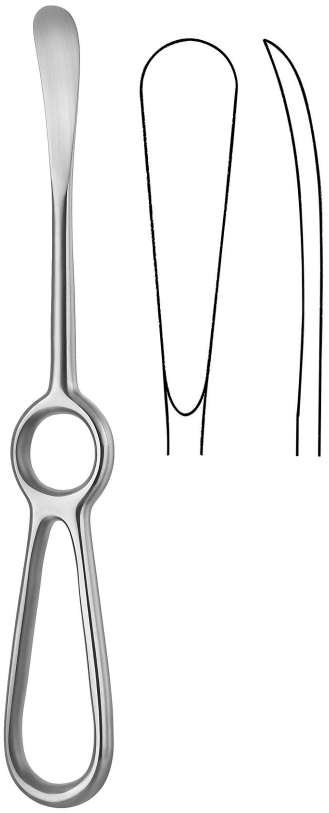


32.707.19
19 cm/7½”

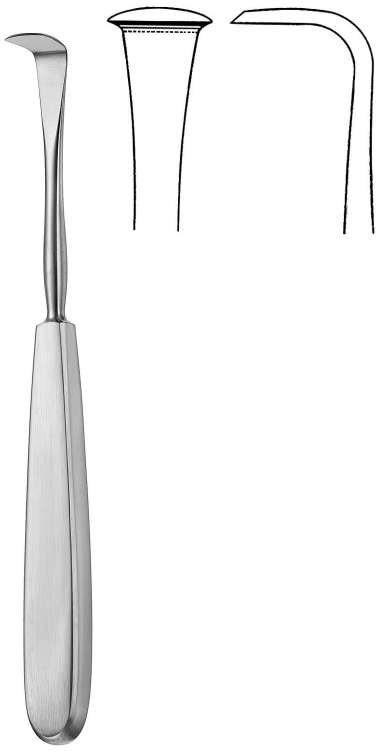
32.707.18
18,5 cm/7¼”



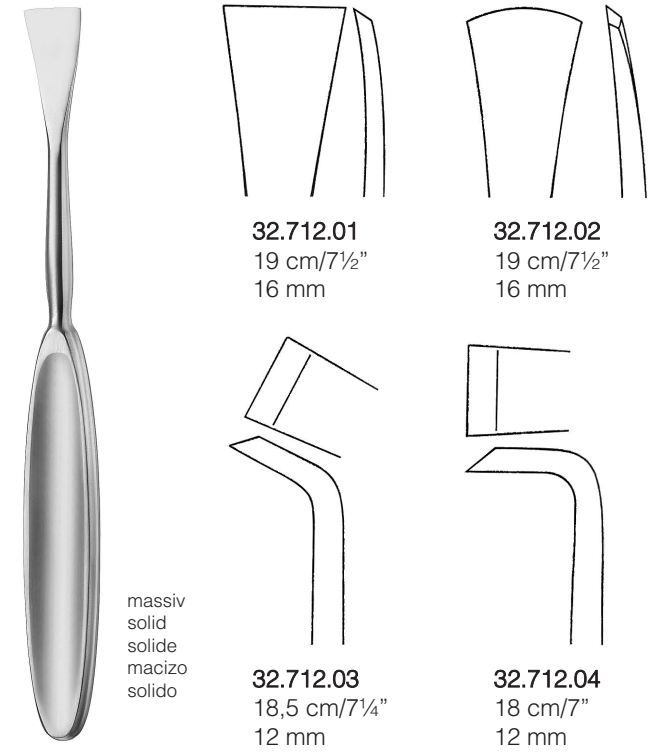
SEDILLOT
32.709.18
18,5 cm/7”



SEDILLOT
32.709.21
21 cm/8¼”



LANGENBECK
32.711.18
18 cm/7”



LANGENBECK

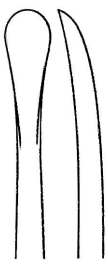
32.712.01
19 cm/7½”
16 mm

32.712.02
19 cm/7½”
16 mm

32.712.03
18,5 cm/7¼”
12 mm

32.712.04
18 cm/7”
12 mm

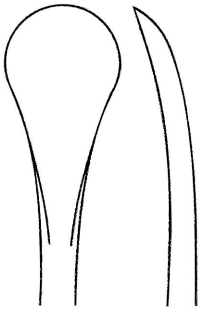




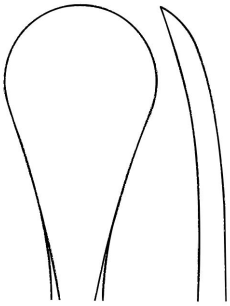
32.712.10
16 cm6¼”
7 mm

massiv
solid
solide
macizo
solido

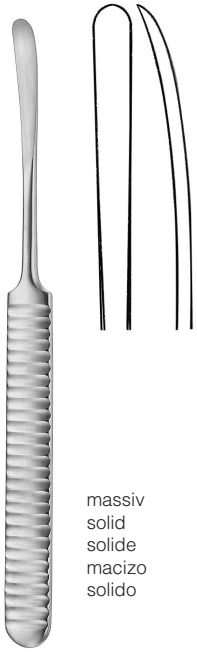
HOEN



32.712.11
18,5 cm/7¼”
15 mm



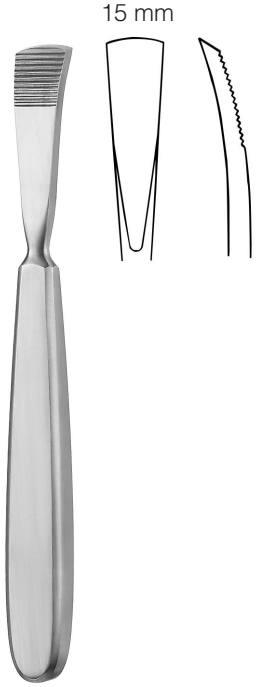
32.712.12
19 cm/7½”
20 mm



massiv
solid
solide
macizo
solido

WILLIGER
32.713.16
16 cm6¼”
5 mm

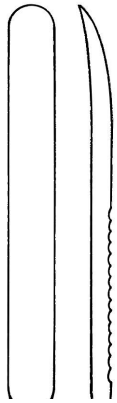
15 mm



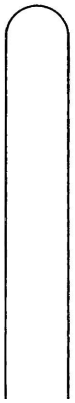
JANSEN
32.714.16
16,5 cm/6½”



17 cm/6¾”



32.715.06
6 mm



32.715.08
8 mm

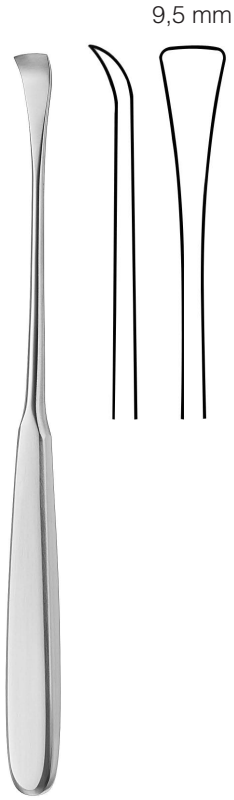
mit Hohlheft
with hollow handle
avec manche creux
con mango hueco
con manico vuoto



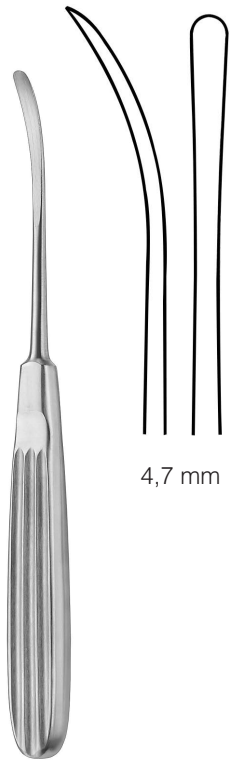
4 mm

JOSEPH
32.716.16
16 cm/6¼”

9,5 mm



BUECHS
32.719.19
19 cm/7½”

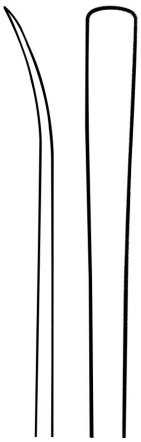


4,7 mm

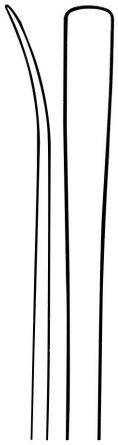
LANDOLT
32.740.47
17,5 cm/7”



CASPAR
18 cm/7”



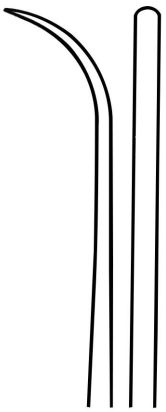
32.741.62
6,2 mm
scharf
sharp
pointue
agudo
acuto



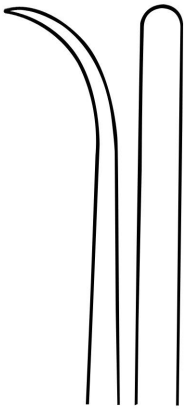
32.742.62
6,2 mm
stumpf
blunt
mousse
romo
smusso



17 cm/6¾”



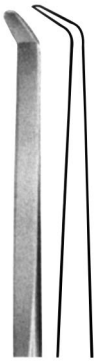
32.743.03
3 mm



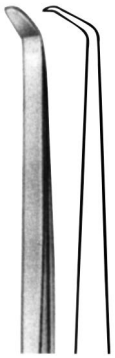
32.743.06
6 mm



CASPAR
20,5 cm/8”



32.744.01



32.744.02

Mikroelevatorium
Micro elevator
Micro elévateur
Micro elevador
Micro elevatorio

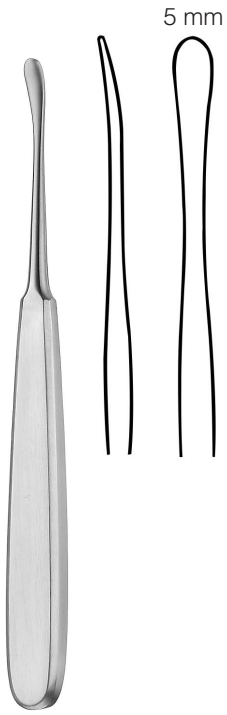


32.746.16
16 cm/6¼”

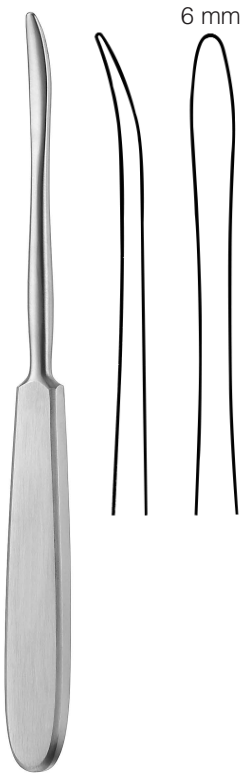
extrem leicht
extremely light
extrêmement léger
extremadamente ligero
extremamente leggero



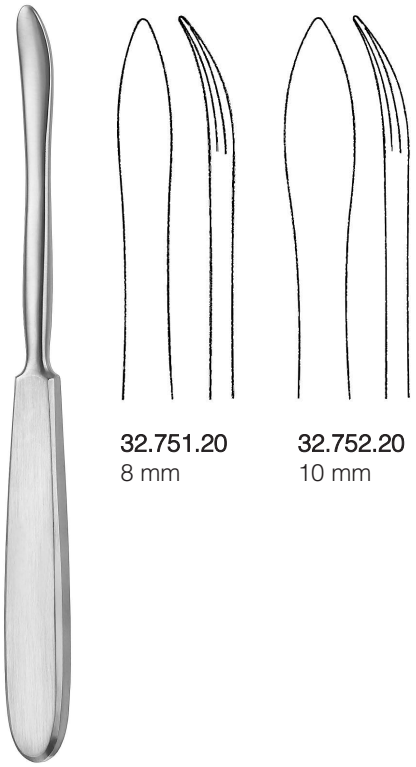
32.746.17
17 cm/6¾”



SEBILAU
32.748.17
17 cm/6¾”



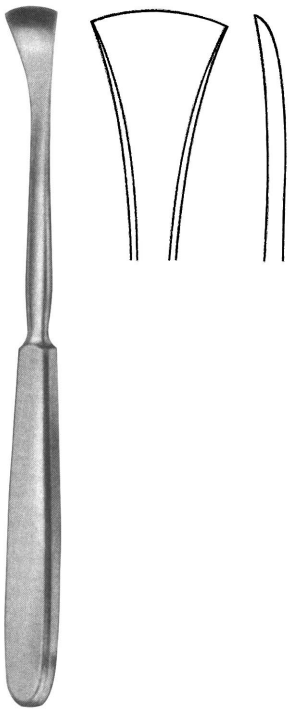
QUERVAIN
32.750.20
20 cm/8”



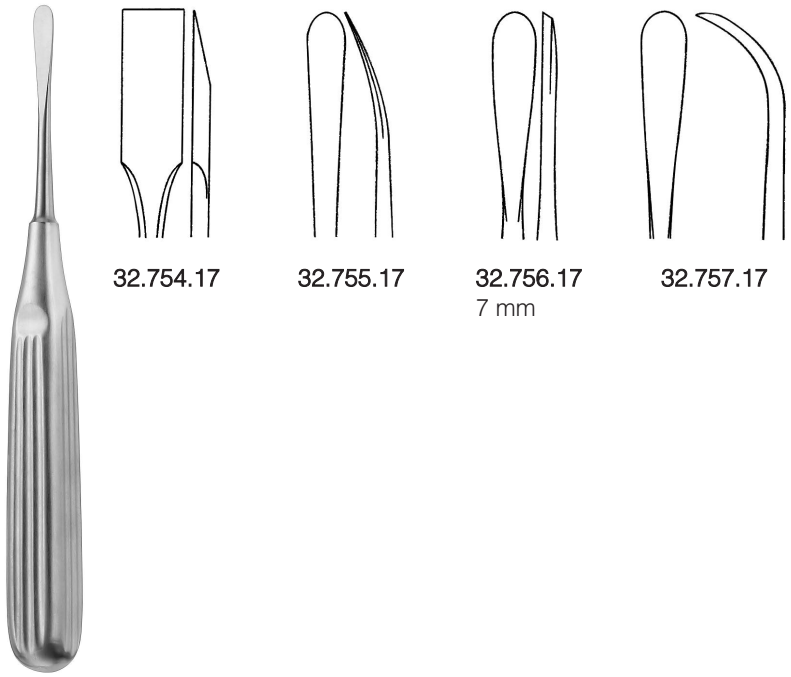
LANGENBECK
20 cm/8”

32.751.20
8 mm

32.752.20
10 mm



LANGENBECK
32.753.20
19,5 cm/7¾”



ADSON
17 cm/6¾”

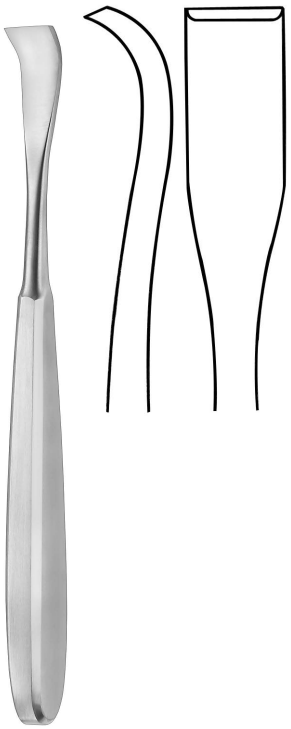
32.754.17

32.755.17

32.756.17
7 mm

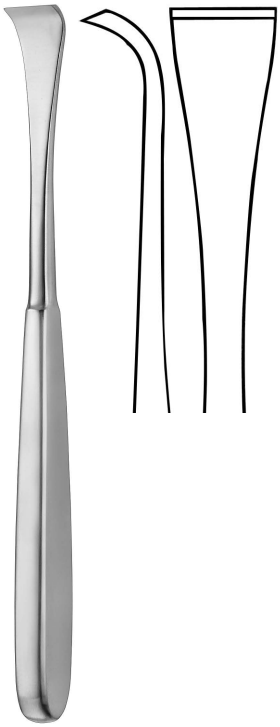
32.757.17

13 mm



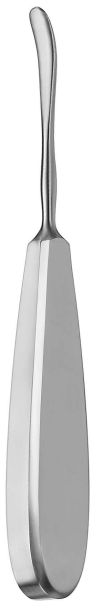
SCHNEIDER
32.758.17
17,5 cm/6¾”

14 mm



SCHNEIDER SAUERBRUCH
32.758.19
19 cm/7½”

6 mm



CUSHING
(LITTLE-JOKER)
32.760.15
15 cm/6”

6 mm



CUSHING
(LITTLE-JOKER)
32.761.19
19 cm/7½”

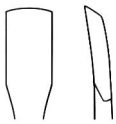
5 mm



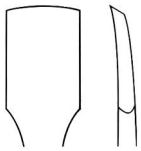
CUSHING
32.762.19
19,5 cm/7¾”



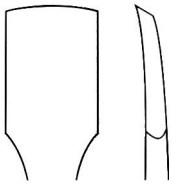
KEY
19 cm/7½”



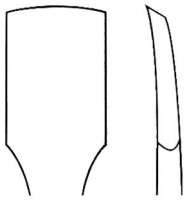
32.759.06
6 mm



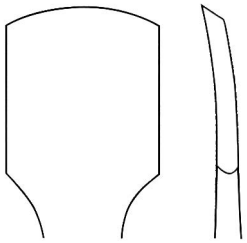
32.759.10
10 mm



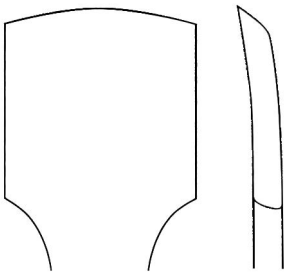
32.759.12
12 mm



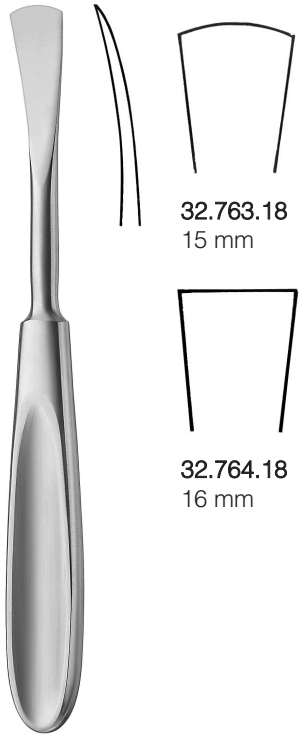
32.759.13
13 mm



32.759.19
19 mm



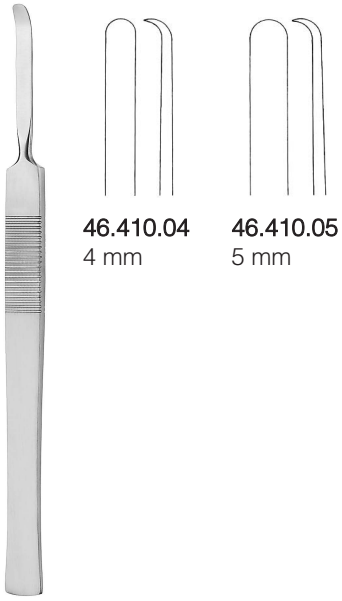
32.759.25
25 mm



32.763.18
15 mm

32.764.18
16 mm

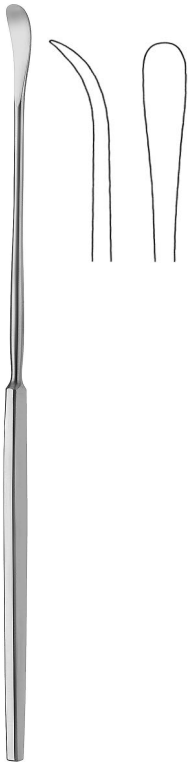
CUSHING
18 cm/7”



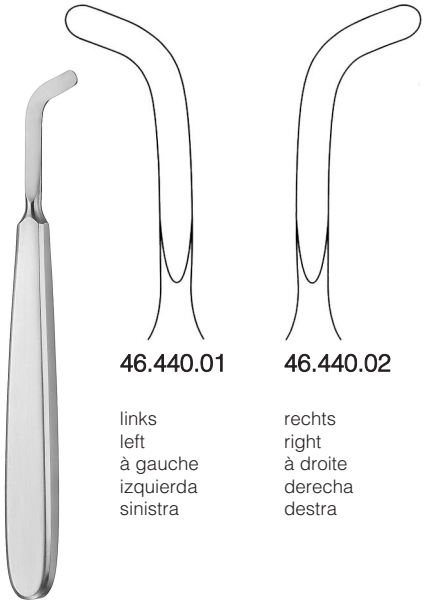
46.410.04
4 mm

46.410.05
5 mm

McKENTY
15 cm/6”



SEWALL
46.436.20
20 cm/8”



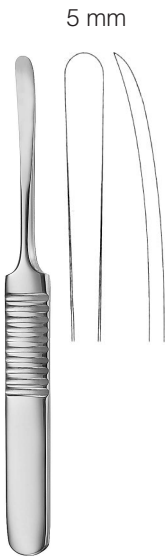
46.440.01

links
left
à gauche
izquierda
sinistra

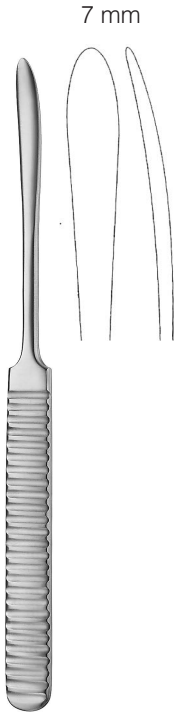
46.440.02

rechts
right
à droite
derecha
destra

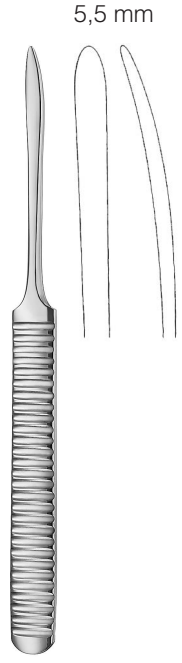
14 cm/5½”



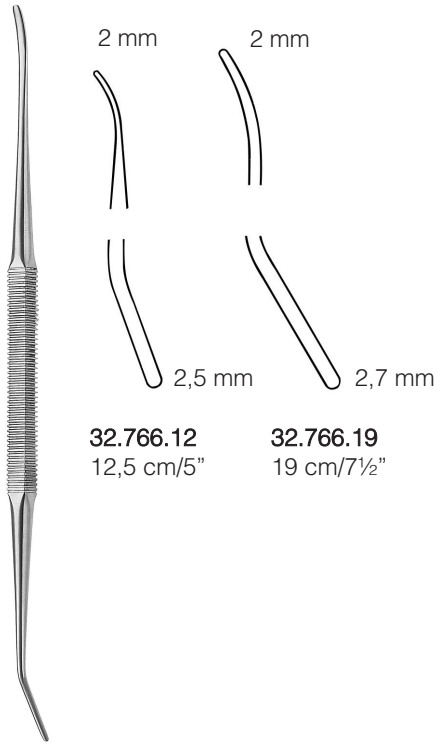
WILLIGER
32.713.13
13 cm/5”



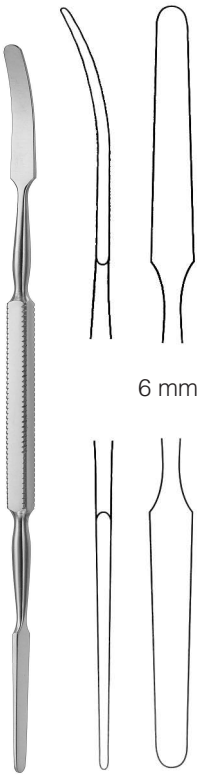
WILLIGER
82.898.17
17 cm/6¾”



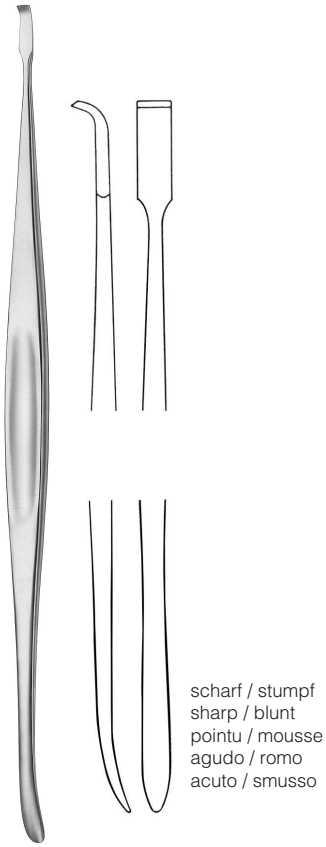
WILLIGER
82.899.16
16 cm/6¼”



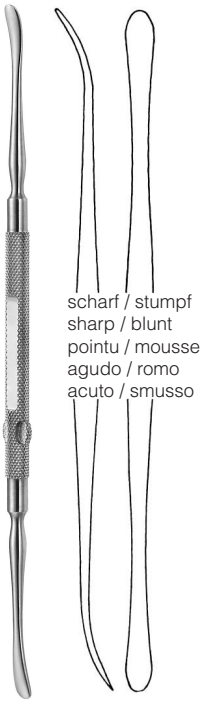
WATSON CHEYNE
32.766.12
12,5 cm/5”
32.766.19
19 cm/7½”



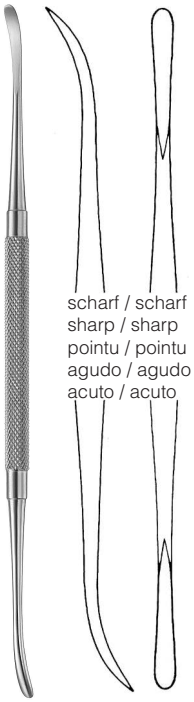
McDONALD
32.767.19
19 cm/7½”



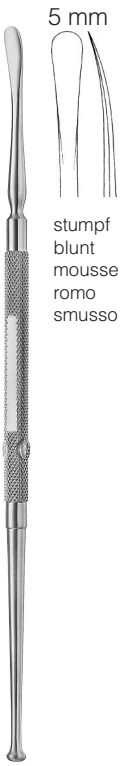
HOWARTH
32.768.21
22 cm/8¾”



FREER
46.415.18
18,5 cm/7¼”



YASARGIL
46.416.18
18,5 cm/7¼”



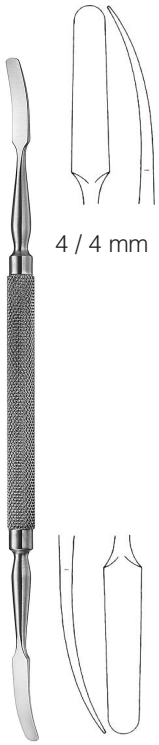
FREER
46.417.19
19 cm/7½”



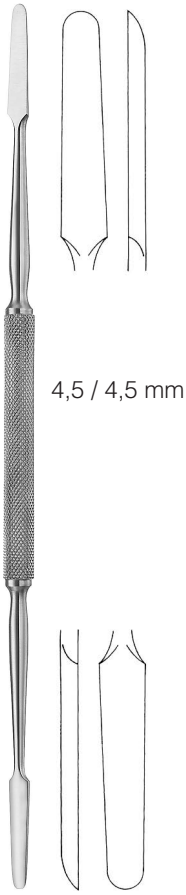
FREER
46.419.19
19 cm/7½”



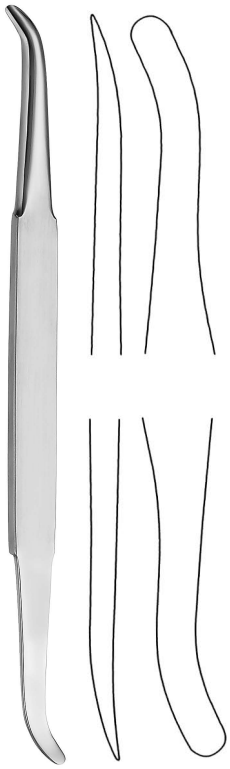
COTTLE
46.421.23
23,5 cm/9¼”



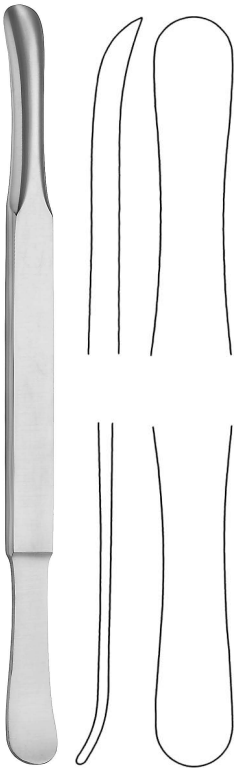
KILLIAN
46.426.18
18 cm/7”



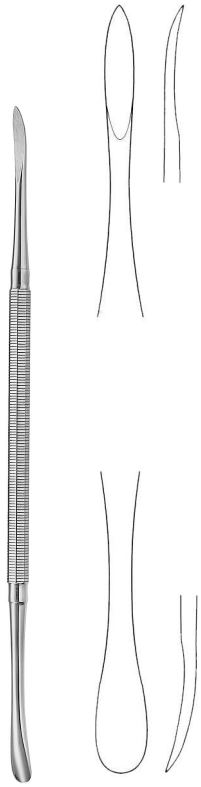
KILLIAN
46.426.22
23 cm/9”



SELDIN
82.905.22
19 cm/7½”



SELDIN
82.905.22
19 cm/7½”



MOLT
82.910.09
18 cm/7”
Nr. 9



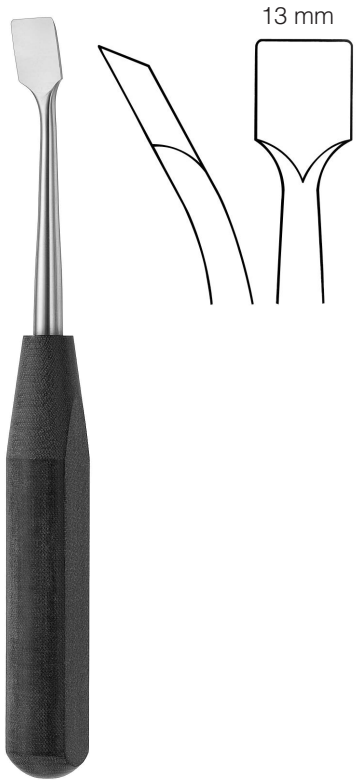
32.774.14
20 cm/8”



32.775.14
20 cm/8”



32.776.13
20 cm/8”



32.777.13
18,5 cm/7¼”



32.778.06
19 cm/7½”



schmal
narrow
étroit
extrecho
stretto

32.779.06
18 cm/7”



32.781.06
18 cm/7”



extra schmal
extra narrow
très étroit
muy extrecho
molto stretto

32.783.03
18 cm/7”

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC



FOMON
20 cm/8”

Raspeln
Rasps
Râpes
Escofinas
Raspe



46.522.01
Fig. 1/2



46.522.03
Fig. 3/4



46.522.05
Fig. 5/6

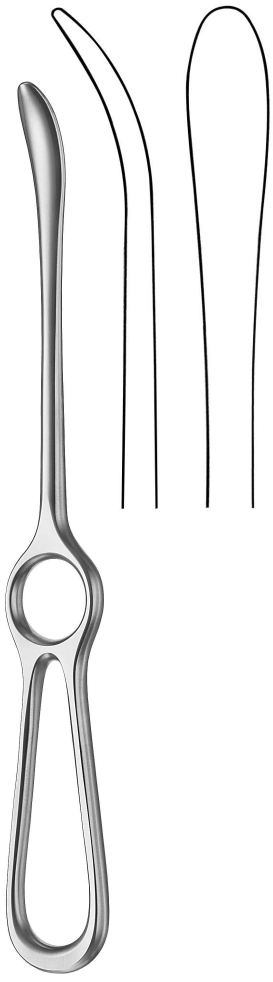


46.522.07
Fig. 7/8



46.522.09
Fig. 9/10

Knochenhebel
Bone levers
Leviers à os
Elevadores para hueso
Elevatori per ossa

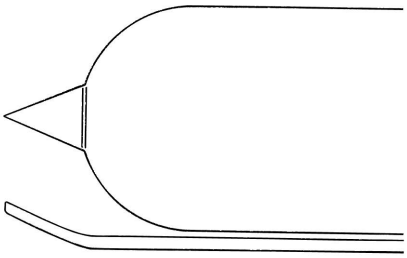


LANE
32.835.27
23 cm/9”
11 mm

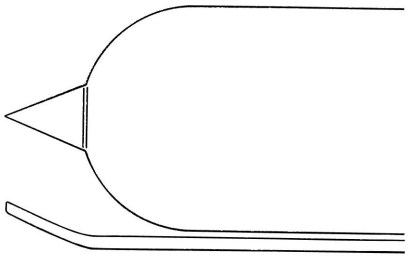


spitzes Ende
pointed end
bout aigu
punta aguda
punta acuta

TAYLOR
16 cm/6¼”



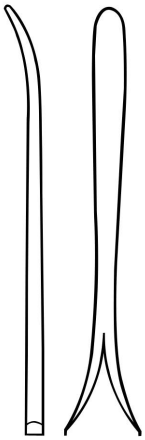
32.831.16
75 x 30 mm



32.833.16
100 x 30 mm

Knochenhebel
Bone levers
Leviers à os
Elevadores para hueso
Elevatori per ossa





32.816.15
4,5 mm



32.817.15
4,5 mm

KOENIG
15 cm/6”



33.210.95
Handbohrapparat allein
Hand drill only
Perforateur à main seul
Perforador de mano suelto
Perforatore a mano solo

STILLE
20,5 cm/8”

33.210.20
komplett mit 9 Bohrern/Fräsern
complete with 9 twist drills/burrs
complet avec 9 fraises
completo con 9 brocas
completo con 9 punte
33.212.25 - 33.214.16



Spiralbohrer
Twist drill
Mèche hélicoidale
Broca espiral
Punta a spirale

33.212.25
Ø 2,5 mm
Fig. 1



Spiralbohrer
Twist drill
Mèche hélicoidale
Broca espiral
Punta a spirale

33.212.30
Ø 3,0 mm
Fig. 2



Spiralbohrer
Twist drill
Mèche hélicoidale
Broca espiral
Punta a spirale

33.212.35
Ø 3,5 mm
Fig. 3



Spiralbohrer
Twist drill
Mèche hélicoidale
Broca espiral
Punta a spirale

33.212.40
Ø 4,0 mm
Fig. 4



komplett mit 3 Bohrern
complete with 3 twist drills
complet avec 3 fraises
completo con 3 brocas
completo con 3 punte
33.212.25 - 33.212.35

STILLE SHERMAN
33.220.24
24 cm/9½”



Kugelfräser
Spherical burr
Fraise sphérique
Fresa esférica
Fresa sferica

33.214.05
Ø 5,0 mm
Fig. 6



Kugelfräser
Spherical burr
Fraise sphérique
Fresa esférica
Fresa sferica

33.214.08
Ø 8,0 mm
Fig. 7



Kugelfräser
Spherical burr
Fraise sphérique
Fresa esférica
Fresa sferica

33.214.12
Ø 12 mm
Fig. 8



Kugelfräser
Spherical burr
Fraise sphérique
Fresa esférica
Fresa sferica

33.214.16
Ø 16 mm
Fig. 9



Trephine
Tréphine
Trépan
Trépano
Trapano

33.214.10
Ø 10 mm
Fig. 5



Spiralbohrer
Twist drill
Mèche hélicoidale
Broca espiral
Punta a spirale

33.216.10
Ø 1,0 mm
Fig. 10



Spiralbohrer
Twist drill
Mèche hélicoidale
Broca espiral
Punta a spirale

33.216.15
Ø 1,5 mm
Fig. 11



Spiralbohrer
Twist drill
Mèche hélicoidale
Broca espiral
Punta a spirale

33.216.20
Ø 2,0 mm
Fig. 12



33.240.99
Handbohrapparat allein
Hand drill only
Perforateur à main seul
Perforador de mano suelto
Perforatore a mano solo

HUDSON
27 cm/10¾”



Kegelfräser
Conical burr
Fraise conique
Fresa cónica
Fresa cuneiforme

33.242.09
Ø9 mm
Fig. 1



Kegelfräser
Conical burr
Fraise conique
Fresa cónica
Fresa cuneiforme

33.242.14
Ø 14 mm
Fig. 2



Kugelfräser
Spherical burr
Fraise sphérique
Fresa esférica
Fresa sferica

33.242.16
Ø 16 mm
Fig. 3



Kugelfräser
Spherical burr
Fraise sphérique
Fresa esférica
Fresa sferica

33.242.22
Ø 22 mm
Fig. 4



Flachbohrer
Flat trephine
Fraise plate
Taladro plano
Trapano piatto

CUSHING
33.244.14
Ø14 mm
Fig. 5



Spiralbohrer
Twist drill
Mèche hélicoidale
Broca espiral
Punta a spirale

33.245.00
Ø 2,0 mm
Fig. 6



Bohrer
Burr
Fraise
Fresa
Punta

MCKENZIE
33.248.00
Fig. 7



Bohrer
Burr
Fraise
Fresa
Punta

D’ERRICO
33.249.00
16 mm
Fig. 8

33.240.27
komplett, mit Fräsern Fig. 1 - 4 **33.242.09 - 33.242.22** und Verlängerungsstück **33.246.00**

complete, with burrs no. 1 - 4 **33.242.09 - 33.242.22** and extension piece **33.246.00**

complet, avec fraises no. 1 - 4 **33.242.09 - 33.242.22** et pièce de rallonge **33.246.00**

completo, con fresas no. 1 - 4 **33.242.09 - 33.242.22** y pieza de prolongación **33.246.00**

completo, con frese fig. 1 - 4 **33.242.09 - 33.242.22** e giunto di prolungamento **33.246.00**

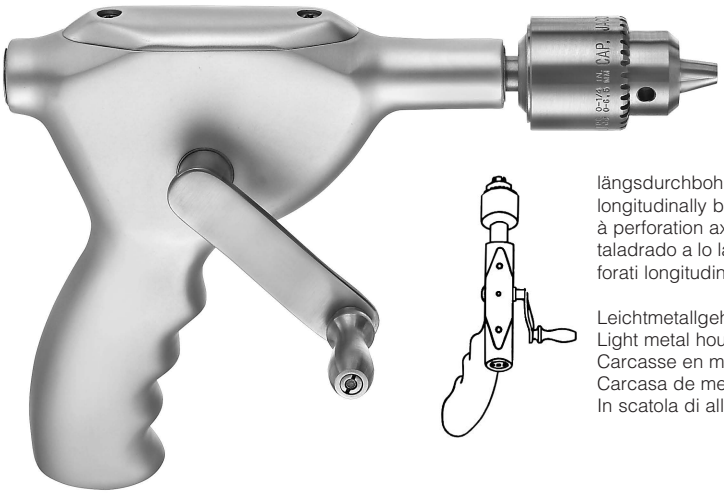
Verlängerungsstück
Extension piece
Pièce de rallonge
Pieza de prolongación
Giunto di prolongamento



33.246.00



33.246.01



längsdurchbohrt
longitudinally bored
à perforation axiale
taladrado a lo largo
forati longitudinalmente

Leichtmetallgehäuse
Light metal housing
Carcasse en métal léger
Carcasa de metal ligero
In scatola di alluminio



RALK
33.280.00
16 cm/6¼”

33.296.00

Griff umstellbar
Adjustable handle
Manche ajustable
Mango ajustable
Manico reversibile



33.290.00

mit umstellbarem Handgriff und Dreibackenspannfutter, mit Schlüssel,
mit längsdurchbohrtem Kanal für KIRSCHNER Bohrdrähte

with adjustable handle and three-jaw chuck, with wrench,
with axial channel for passing KIRSCHNER wires

avec manche ajustable et mandrin à trois mâchoires, avec clé,
avec conduit longitudinal pour broches de KIRSCHNER

con mango ajustable y mandril de tres mordazas, con llave,
con conducto longitudinal para pasar brocas filiformes de KIRSCHNER

con manico reversibile e mandrino a tre ganasce, con chiave,
con cannulato per il passaggio di perforatori filiformi di KIRSCHNER



glatter Schaft
smooth shaft
tige lisse
vástago liso
asta liscia

Ø 1,0 mm	33.354.10
Ø 1,5 mm	33.354.15
Ø 2,0 mm	33.354.20
Ø 2,5 mm	33.354.25
Ø 2,8 mm	33.354.28
Ø 3,0 mm	33.354.30
Ø 3,2 mm	33.354.32
Ø 3,5 mm	33.354.35
Ø 4,0 mm	33.354.40



lieferbar in Packungen à 10 stück
available in packages with 10 pieces
disponibles en paquets de 10 pièces
disponible en paquetes de 10 piezas
disponibili in confezioni da 10 pezzi

Trokarspitze, rundes Ende
Trocar point, round end
Pointe de trocart, extrémité ronde
Punta de trócar, cabo redondo
Punta a trequarti, asta rotonda

KIRSCHNER
16 cm/6¼”

Ø 0,7 mm	33.417.07
Ø 0,8 mm	33.417.08
Ø 0,9 mm	33.417.09
Ø 1,0 mm	33.417.10
Ø 1,1 mm	33.417.11
Ø 1,2 mm	33.417.12
Ø 1,3 mm	33.417.13
Ø 1,4 mm	33.417.14
Ø 1,5 mm	33.417.15
Ø 1,6 mm	33.417.16
Ø 1,7 mm	33.417.17
Ø 1,8 mm	33.417.18
Ø 1,9 mm	33.417.19
Ø 2,0 mm	33.417.20
Ø 2,2 mm	33.417.22
Ø 2,4 mm	33.417.24
Ø 2,5 mm	33.417.25
Ø 2,7 mm	33.417.27
Ø 3,0 mm	33.417.30
Ø 4,0 mm	33.417.40



33.545.22
22,5 cm/9”

mit TC-Einsätzen
with TC inserts
avec mors TC
con bocas TC
con morso TC



REILL
33.547.17
17,5 cm/7”



33.556.57
57,5 cm/22½"



SAUERBRUCH
56.131.26
26 cm/10¼”



GIERTZ-STILLE
56.137.27
27 cm/10½”

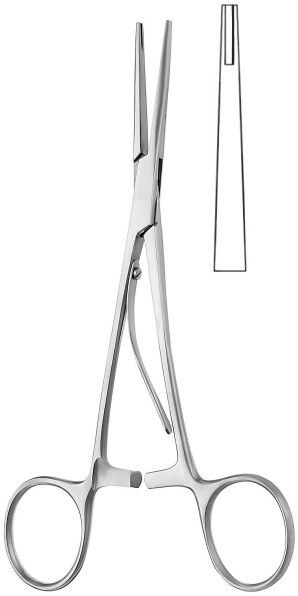
11

KNOCHENINSTRUMENTE
BONE INSTRUMENTS
INSTRUMENTS EN OS
INSTRUMENTOS DE HUESO
STRUMENTI DI OSSO



McKENZIE

15 cm/6"	**40.011.15**
19 cm/7½"	**40.011.19**



McKENZIE

15 cm/6"	**40.013.15**
19 cm/7½"	**40.013.19**



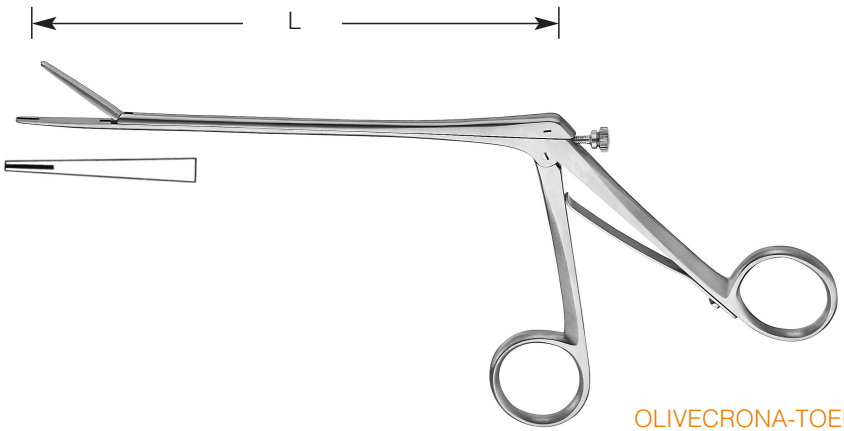
SMITHWICK

23 cm/9"	**40.015.23**
26 cm/10¼"	**40.015.26**



SWEET

23 cm/9"	**40.017.23**
26 cm/10¼"	**40.017.26**



OLIVECRONA-TOENNIS

14 cm/5½"	**40.019.14**
20 cm/8"	**40.019.20**



40.021.00

Silberklammern in Plastikbehälter, Packung à 100 Stück
Silver clips in plastic vial, package of 100 pieces
Agrafes en argent, boîte de 100 pièces
Grapas de plata en tubo de plástico, caja de 100 piezas
Fermagli d'argento, scatole di 100 pezzi



40.022.00

Kölner Spar Klammer, Packung à 50 Stück
Kölner clip reusable, package of 50 pieces
Kölner agrafe economique, boîte de 50 pièces
Kölner grapa económica, caja de 50 piezas
Kölner agrafe economica, scatole di 50 pezzi



RANEY
40.027.00

Kopfhautklammer
Scalp hemostasis clip
Agrafes hémostatique pour cuir chevelu
Pinza hemostática para cuero cabelludo
Clip emostatici per cuoio capelluto



RANEY
40.028.00
15,5 cm/6¼"

Anlege-und Abnehme-Zange für Kopfhautklammern
Applying and removing forceps for scalp hemostasis clips
Pince à poser et retirer les clips hémostatiques du cuir chevelu
Pinza para aplicar y quitar clips hemostáticas de cuero cabelludo
Pinza per applicare o togliere i clip emostatichi al cuoio capelluto



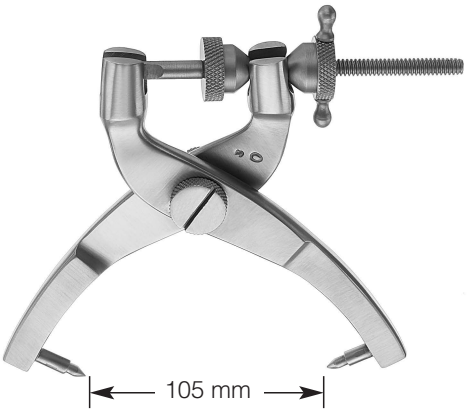


40.024.00

großes Modell
large pattern
modèle grand
modelo grande
modello grande

40.024.10

Ersatzdorn
Spare pin
Pointe de rechange
Espina de repuesto
Punta di ricambio



CRUTCHFIELD
40.025.01

kleines Modell
small pattern
modèle petit
modelo pequeño
modello piccolo



CRUTCHFIELD
40.025.02

mittleres Modell
medium pattern
modèle moyen
modelo mediano
modello medio



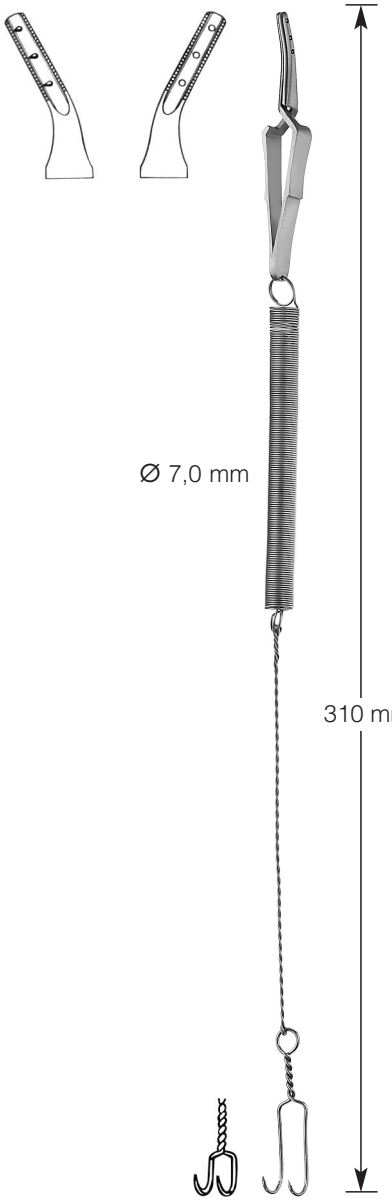
CRUTCHFIELD
40.026.35
7 cm/2¾”
Ø 3,5 mm

Vorbohrer
Drill point
Alésoir
Perforador
Alesatore

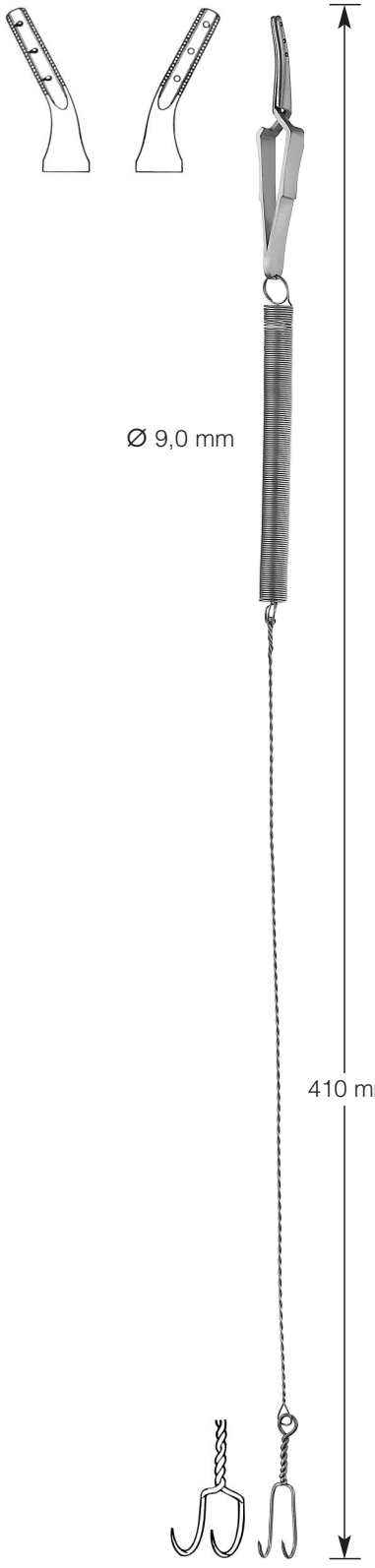


CRUTCHFIELD
40.026.50
7 cm/2¾”
Ø 5,0 mm

Vorbohrer
Drill point
Alésoir
Perforador
Alesatore



YASARGIL
40.030.31
31 cm/12¼”



YASARGIL
40.030.41
41 cm/16”

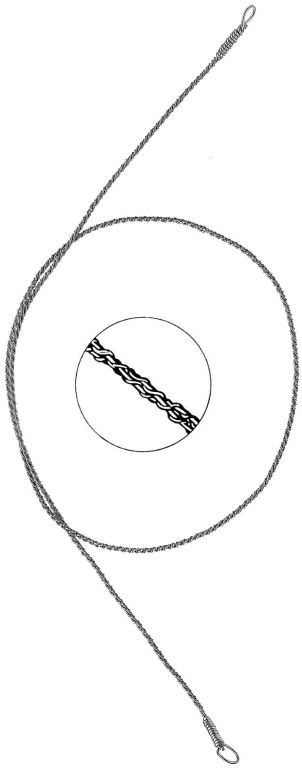
Einführinstrument
Wire saw guide
Conducteur pour scies à fil
Conductor para sierras de hilo
Introduttore



De MARTEL
40.090.33
33 cm/13”



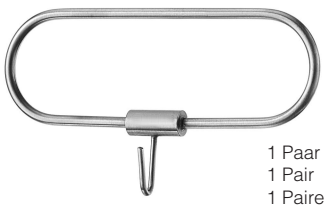
LEBSCHE
40.091.25
25 cm/10”





1 Paar
1 Pair
1 Paire
1 Par
1 Paio

GIGLI
40.094.00



1 Paar
1 Pair
1 Paire
1 Par
1 Paio

GIGLI
40.094.01

Drahtsägen-Handgriff
Wire saw handle
Manche à crochet
Mango de gancho
Manico con uncino

2 x

OLIVECRONA	
23 cm/9”	**40.092.22**
30 cm/12”	**40.092.30**
40 cm/16”	**40.092.40**
50 cm/20”	**40.092.50**
60 cm/24”	**40.092.60**
70 cm/28”	**40.092.70**
75 cm/30”	**40.092.75**

3 x

GIGLI	
25 cm/10”	**40.093.25**
30 cm/12”	**40.093.30**
40 cm/16”	**40.093.40**
50 cm/20”	**40.093.50**
60 cm/24”	**40.093.60**
70 cm/28”	**40.093.70**

4 x

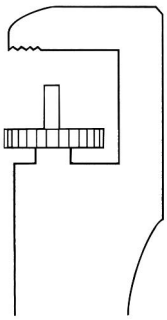
OLIVECRONA-GIGLI	
30 cm/12”	**40.094.30**
40 cm/16”	**40.094.40**
50 cm/20”	**40.094.50**
60 cm/24”	**40.094.60**
70 cm/28”	**40.094.70**



Bohrloch-Schutzzange
Bore hole protection forceps
Pinces pour protéger alésage
Pinzas para la protección de orificio
Pinze per la protezione di foro

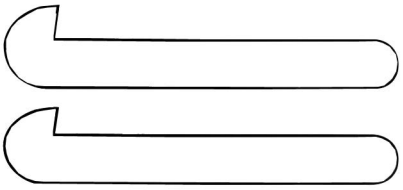
40.095.20
20,5 cm/8”





bis 12 mm Schädelstärke
for skull thickness up to 12 mm
pour épaisseur de la boîte crânienne jusqu’à 12 mm
hasta 12 mm de espesor de la pared craneal
per spessore cranico fino a mm. 12

CONE
40.098.23
23 cm/9”



komplett mit je 1 kleinen und 1 großen Blatt
complete with 1 small and 1 large blade
complète avec 1 petit et 1 grand crochet
completa con 1 gancho pequeño y 1 gancho grande
completa di 1 uncino piccolo ed 1 uncino grande



DeVILBISS
40.096.21
21 cm/8¼”



komplett mit 2 Reserveblättern
complete with 2 spare blades
complète avec 2 crochets de rechange
completa con 2 ganchos de repuesto
completa di 2 uncini di ricambio



DAHLGREN
40.097.20
21 cm/8¼”

12

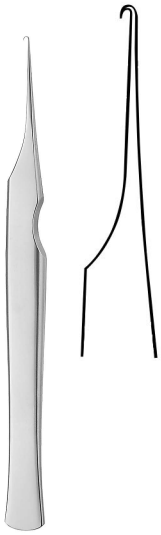
HAKEN, DISSEKTOREN
HOOKS, DISSECTORS
CROCHETS, DISSECTEURS
GANCHOS, DISECTORES
UNCINI, DISSETTORI

Hauthäkchen
Skin hooks
Crochets pour la peau
Ganchitos para piel
Uncini per la pelle



spitz
sharp
pointu
agudo
acuto

CAIRNS
18.206.13
13 cm/5”



LAHEY
18.213.13
13 cm/5”



CUSHING
18.213.14
14 cm/5½”



FRAZIER



18.214.13
13 cm/5”

spitz
sharp
pointu
agudo
acuto



18.214.18
18 cm/7”

spitz
sharp
pointu
agudo
acuto



18.215.13
13 cm/5”

stumpf
blunt
mousse
romo
smusso



18.215.18
18 cm/7”

stumpf
blunt
mousse
romo
smusso



spitz
sharp
pointu
agudo
acuto

JOSEPH
18.216.01
16 cm/6¼”





18.216.02
2 mm



18.216.05
5 mm



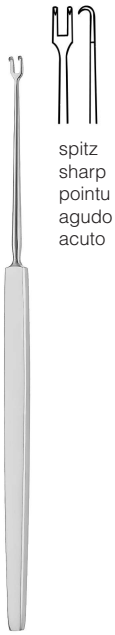
18.216.07
7 mm



18.216.10
10 mm

spitz
sharp
pointu
agudo
acuto

JOSEPH
16 cm/6¼”



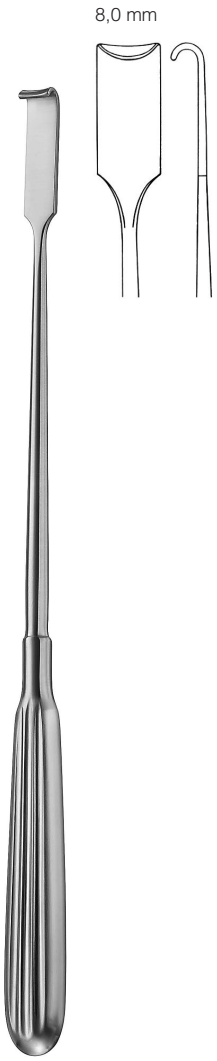
spitz
sharp
pointu
agudo
acuto

FREER
18.218.15
15 cm/6”



spitz
sharp
pointu
agudo
acuto

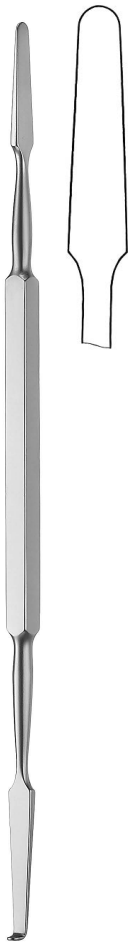
TOENNIS
18.219.15
15 cm/6”



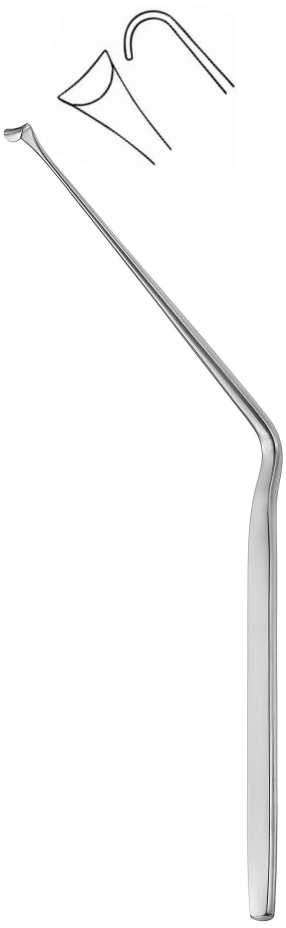
SCOVILLE
40.044.23
23 cm/9”



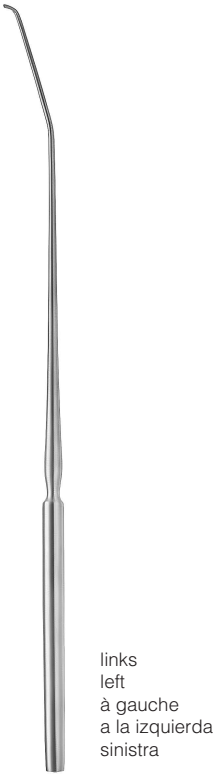
SCOVILLE
40.048.19
19 cm/7½”



O’CONNELL
40.046.22
22 cm/8¾”



40.049.21
21 cm/8¼”



links
left
à gauche
a la izquierda
sinistra

DANDY
40.051.20
20 cm/8”



DANDY
40.052.20
20 cm/8”



rechts
right
à droite
a la derecha
destra

DANDY
40.053.20
20 cm/8”



CRILE
40.054.20
20 cm/8”
Fig. 1





Fig. 1

40.056.19
19 cm/7½”

40.056.28
28 cm/11”

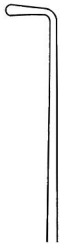


Fig. 2

40.058.19
19 cm/7½”

40.058.28
28 cm/11”

CUSHING



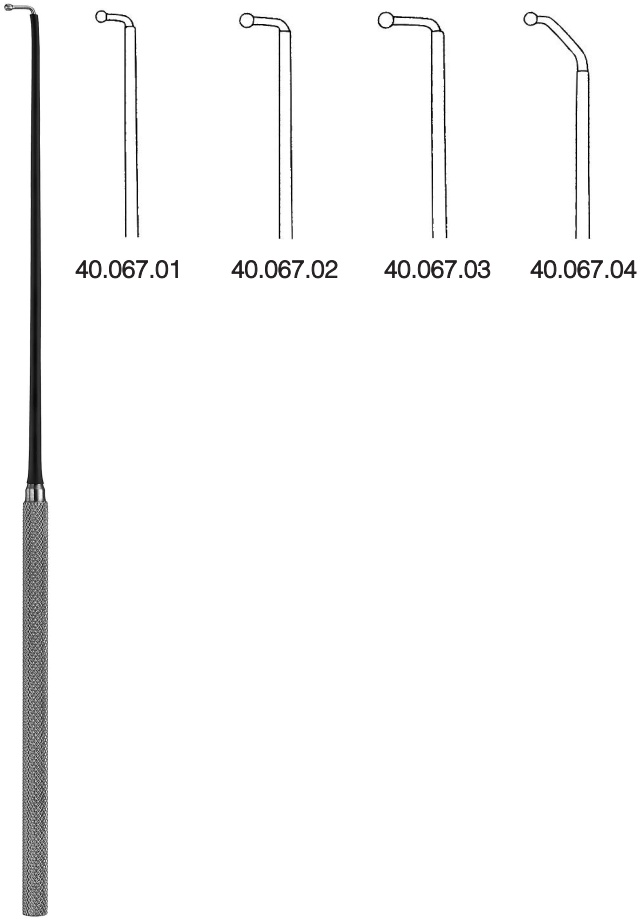
HOEN
40.060.23
23 cm/9”



GRAHAM
40.061.16
16,5 cm/6½”



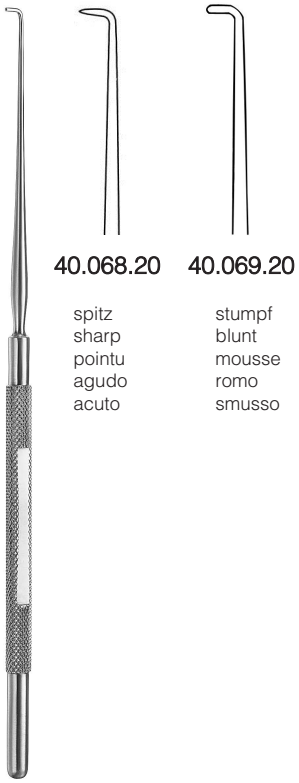
SACHS
40.064.18
18,5 cm/7¼”



40.067.01 40.067.02 40.067.03 40.067.04

CASPAR
24,5 cm/9¾”

CASPAR (CCR) 132 - 136
179 - 184
Siehe auch Seite: 199
See also page: 212
Voir aussi la page: 228
Véase también la página: 230
Vedere anche pagina: 230

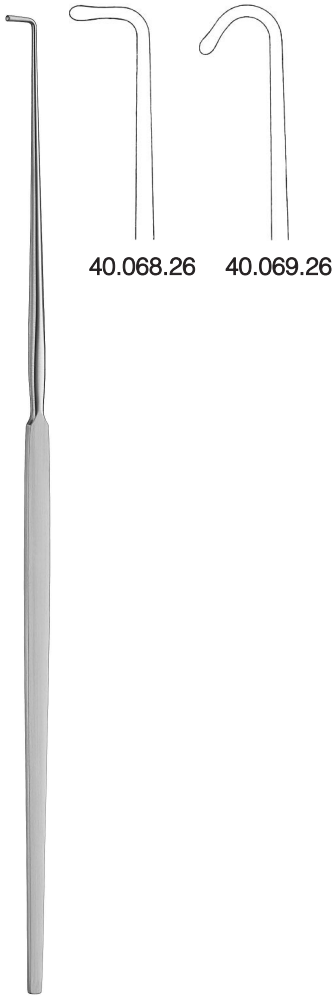


40.068.20 40.069.20

spitz sharp pointu agudo acuto

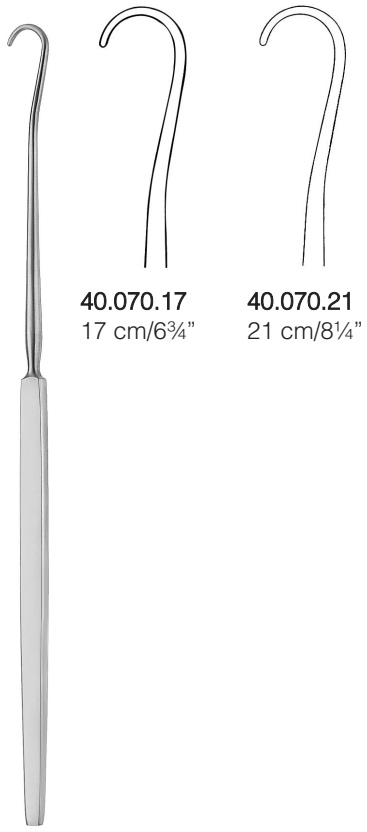
stumpf blunt mousse romo smusso

ADSON
20 cm/8”



40.068.26 40.069.26

GRONINGEN
26,5 cm/10½”



SMITHWICK

40.070.17
17 cm/6¾”

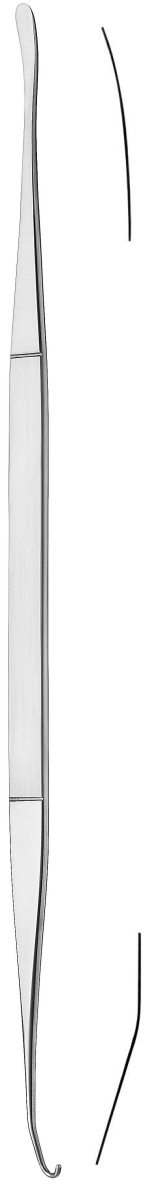
40.070.21
21 cm/8¼”



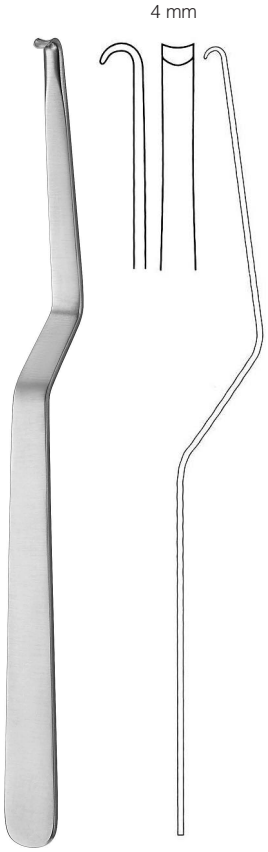
SMITHWICK
40.070.29
29 cm/11½”



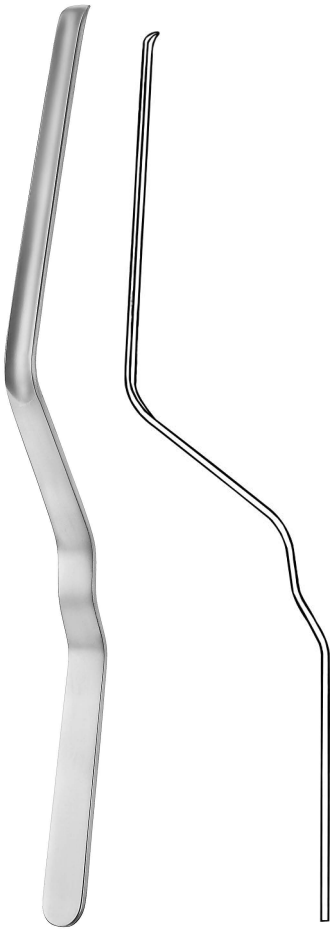
SCOVILLE
40.070.30
30 cm/12”



SCOVILLE
40.071.30
30 cm/12”



LOVE
40.071.21
21 cm/8¼”



CASPAR
24 cm/9½”

6 mm	**40.072.06**
8 mm	**40.072.08**
10 mm	**40.072.10**



40.073.03
3 mm

40.073.05
5 mm

40.073.07
7 mm

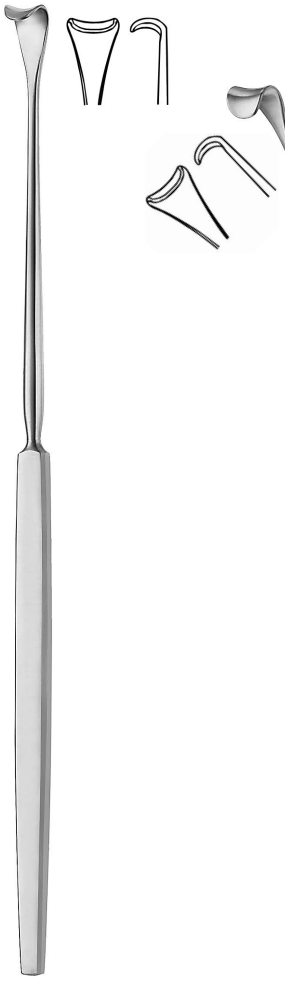
HESS (LOVE modif.)
17,5 cm/7”

CASPAR (CCR) 132 - 136, 179 - 184
Siehe auch Seite: 199
See also page: 212
Voir aussi la page: 228
Véase también la página: 228
Vedere anche pagina: 230

Aneurysmen-Nadel
Aneurysm needle
Aiguille d'anévrisme
Aguja para aneurisma
Ago da aneurisma



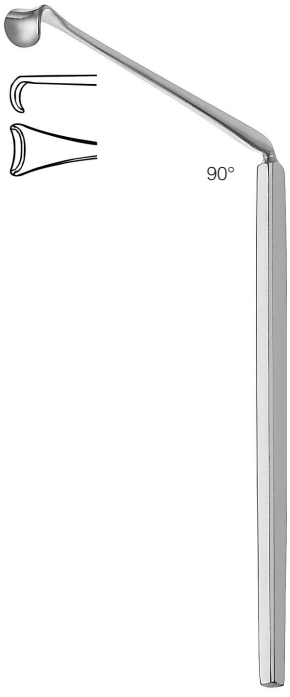
ADSON
40.078.22
22 cm/8¾”
2 mm



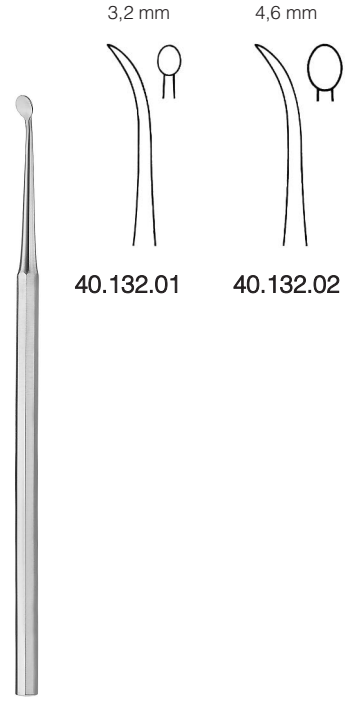
LOVE
40.080.19
19 cm/7½”



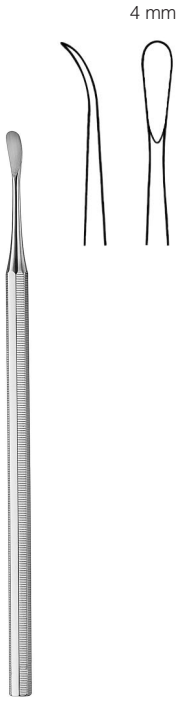
LOVE
40.081.19
19 cm/7½”



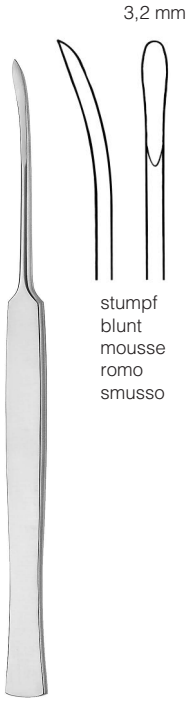
LOVE
40.083.19
19 cm/7½”



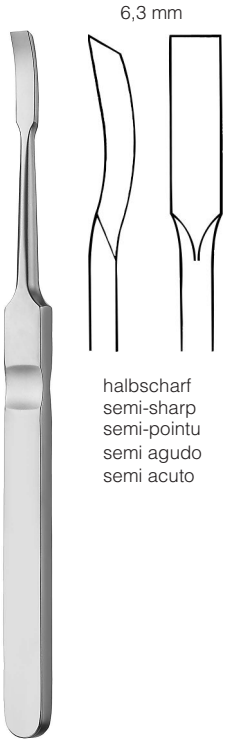
PARTSCH
15 cm/6”



LANGE
40.132.14
14,5 cm/5¾”



LEMPERT
40.133.16
16,5 cm/6½”



LEMPERT
40.134.18
18,5 cm/7¼”



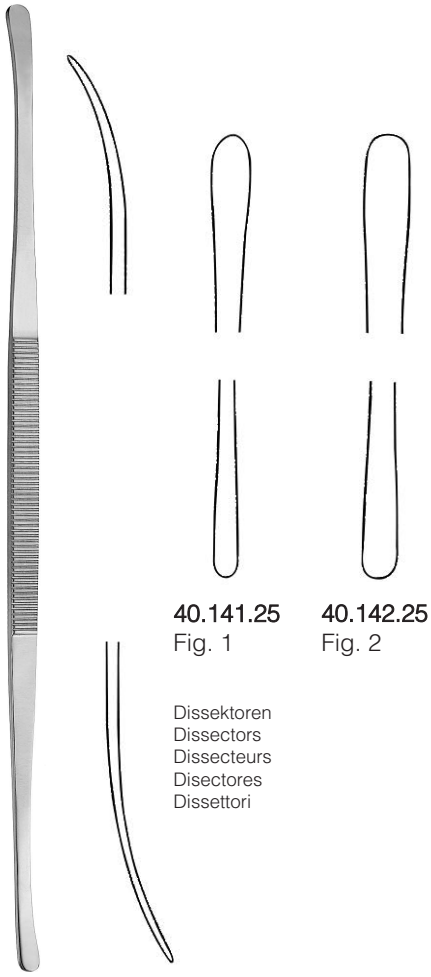
ST CLAIR THOMPSON
16 cm/6¼”



HALLE
40.139.16
16 cm/6¼”



SUNDAY
40.140.23
23 cm/9”

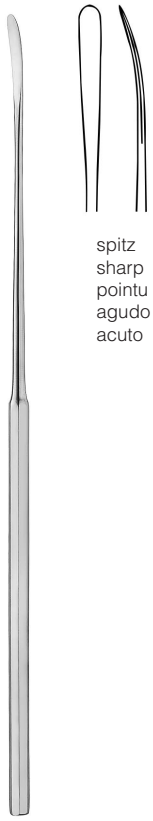


40.141.25
Fig. 1

40.142.25
Fig. 2

Dissektoren
Dissectors
Dissecteurs
Disectores
Dissettori

TOENNIS
25 cm/10”



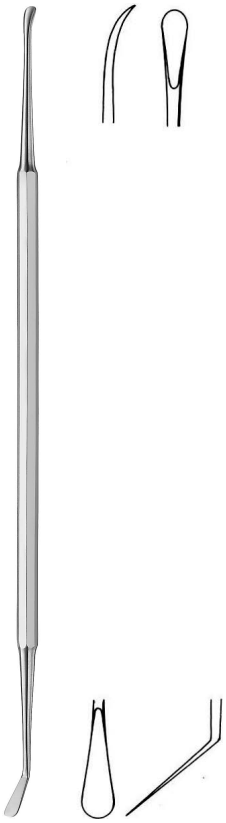
spitz
sharp
pointu
agudo
acuto

SACHS
40.143.21
21 cm/8¼”



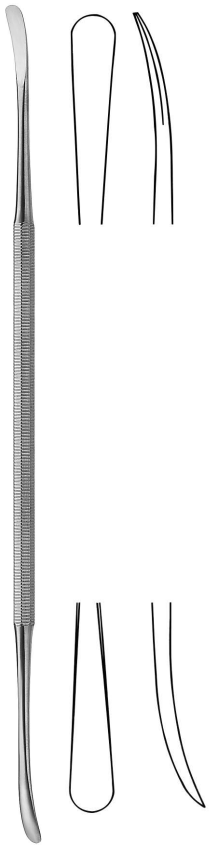
spitz
sharp
pointu
agudo
acuto

SACHS
40.145.21
21 cm/8¼”



MILLIGAN
40.147.21
21 cm/8¼”

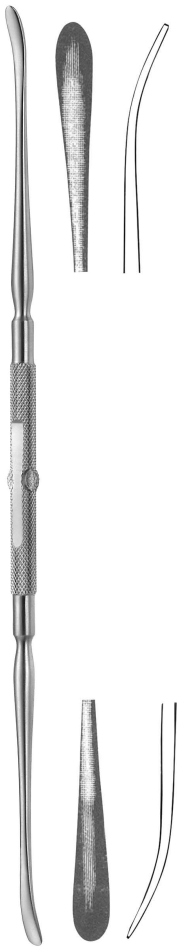
Sonde und Dissektor
Probe and dissector
Sonde et dissecteur
Sonda y disector
Sonda e dissettore



MILLIGAN
40.149.22
22 cm/8¾”

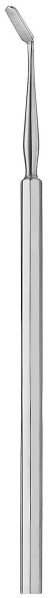


PENNYBAKER
40.149.23
23 cm/9”

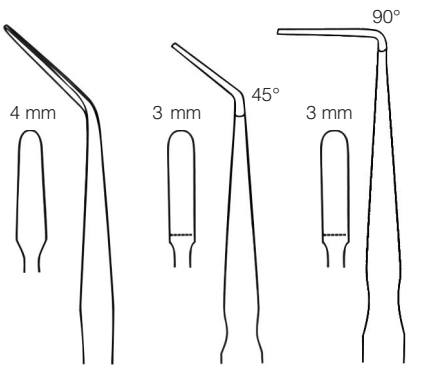


DAVIS
40.151.24
24,5 cm/9¾”

Elevatoren
Separators
Separateurs
Separadores
Elevatori



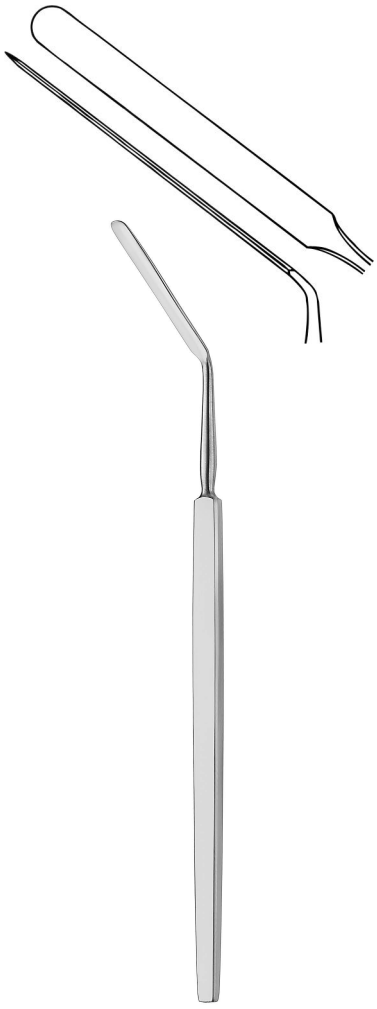
15 cm/6”



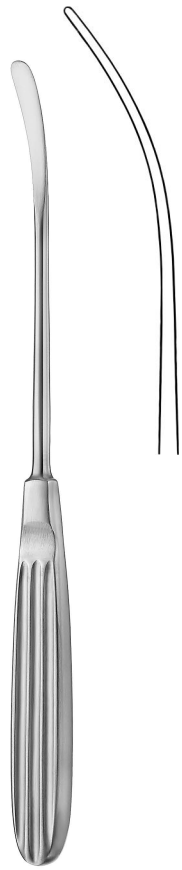
FRAZIER
40.152.01

HOEN
40.152.02

HOEN
40.152.03



HORSLEY
40.155.20
20 cm/8”



SACHS
40.157.21
21 cm/8¼”

Dissektor mit flexiblem Schaft
Dissector with flexible shaft
Dissecteur à tige malléable
Disector con vástago maleable
Dissector con asta flessibile



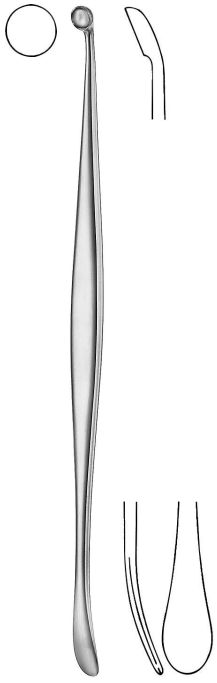
40.157.19
4 mm

für Kinder
for children
pour enfants
para niños
per i bambini

40.159.19
7 mm

für Erwachsene
for adults
pour adultes
para adultos
per adulti

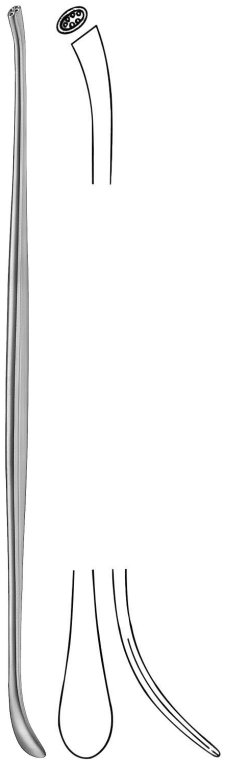
YASARGIL
19,5 cm/7¾”



PENFIELD
40.161.01
17,5 cm/7”
Fig. 1



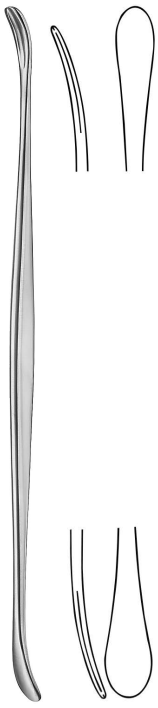
PENFIELD
40.161.02
19,5 cm/7¾”
Fig. 2



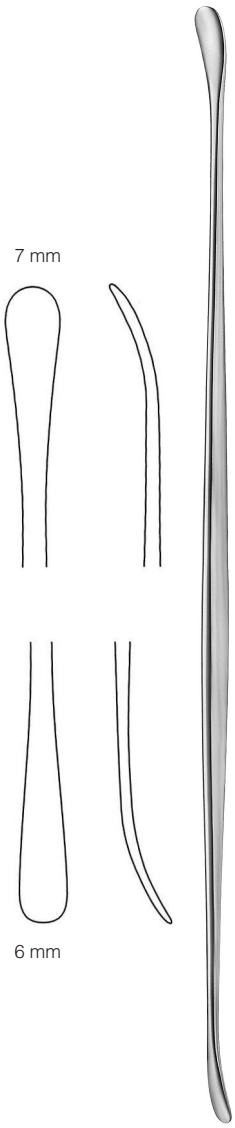
PENFIELD
40.161.03
19,5 cm/7¾”
Fig. 3



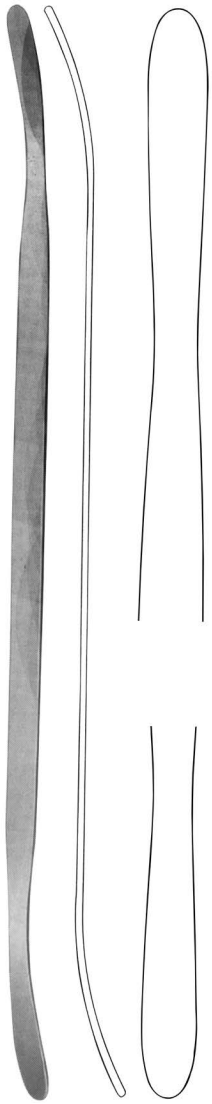
PENFIELD
40.161.04
20,5 cm/8”
Fig. 4



PENFIELD
40.161.05
18,5 cm/7¼”
Fig. 5



40.162.29
29 cm/11½”



40.163.29
29 cm/11½”

Trigeminusmesser
Trigeminal knife
Couteau pour trijumeau
Cuchillo para trigémino
Coltello per trigemino



40.167.23
23 cm/9”





40.170.13
13 cm/5”



40.170.19
19 cm/7½”

TOENNIS

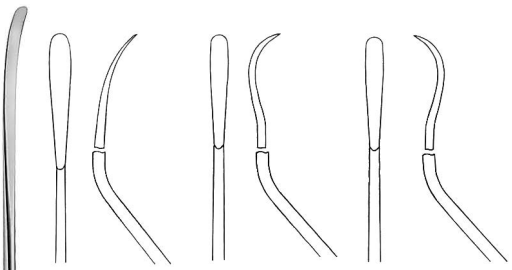


HALLE
40.170.20
20 cm/8”

13

MIKRO-INSTRUMENTE MIT RUNDGRIFF
MICRO INSTRUMENTS WITH ROUND HANDLES
MICRO-INSTRUMENTS À MANCHE ROND
INSTRUMENTOS PARA MICROCIRGÍA CON MANGOS REDONDOS
STRUMENTI PER MICROCHIRURGIA CON MANICO ROTONDO

Raspatorien
Raspatories
Rugines
Legras
Periostotomi



40.062.02
2,5 mm

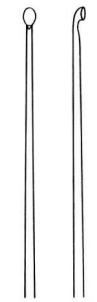
40.062.03
2,0 mm

40.062.04
2,0 mm

YASARGIL
18,5 cm/7¼”

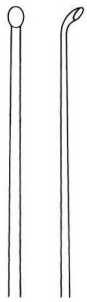
Küretten
Curettes
Curettes
Curetas
Curette

spitz
sharp
pointue
aguda
acuta



40.063.00

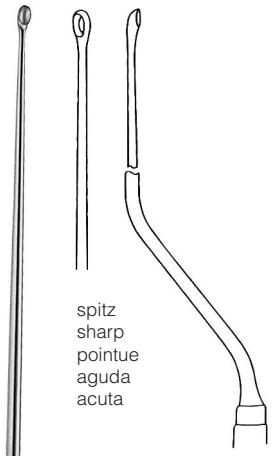
spitz
sharp
pointue
aguda
acuta



40.063.01

YASARGIL
23 cm/9”

1,5 mm



spitz
sharp
pointue
aguda
acuta

YASARGIL
40.063.19
18,5 cm/7¼”



18,5 cm/7¼”

Nerv- und Gefäßhäckchen
Nerve and vessel hooks
Crochets à nerfs et vasculaires
Ganchos para nervios y vasos
Uncini per nervi e vasi



KRAYENBÜHL
40.065.01
Fig. 1



KRAYENBÜHL
40.065.02
Fig. 2



KRAYENBÜHL
40.065.03
Fig. 3



KRAYENBÜHL
40.065.04
Fig. 4

Fadenführer, geknöpft
Ligature guides and carriers, probe pointed
Passe-fils, boutonné
Guía-ligadura, abotonada
Guide per legatura, abbottonato



YASARGIL
40.064.01
Fig. 1



YASARGIL
40.064.02
Fig. 2



YASARGIL
40.064.03
Fig. 3



YASARGIL
40.064.04
Fig. 4

Messer
Knife
Couteaux
Cuchillos
Coltelli



18,5 cm/7¼”



KOOS
40.065.51

aufgebogen
upwards curved
courbé vers le haut
curva hacia arriba
curvo in sú



KOOS
40.065.52

abgebogen
downwards curved
courbé vers le bas
curva hacia abajo
curvo in giú



KOOS
40.065.57

aufgebogen
upwards curved
courbé vers le haut
curva hacia arriba
curvo in sú



KOOS
40.065.56

abgebogen
downwards curved
courbé vers le bas
curva hacia abajo
curvo in giú



KOOS
40.065.53

aufgebogen
upwards curved
courbé vers le haut
curva hacia arriba
curvo in sú



KOOS
40.065.54

abgebogen
downwards curved
courbé vers le bas
curva hacia abajo
curvo in giú



YASARGIL
40.065.65

abgebogen
downwards curved
courbé vers le bas
curva hacia abajo
curvo in giú



YASARGIL
40.065.66

aufgebogen
upwards curved
courbé vers le haut
curva hacia arriba
curvo in sú

Raspatorien
Raspatories
Rugines
Legras
Periostotomi



YASARGIL
19 cm/7½”



40.066.01



40.066.02



40.066.03



40.066.04



40.066.05



40.066.06



Gefäßspreizer
Vessel spreader
Écarteur pour vaisseaux
Separador para vasos
Divaricatore per vasi



BIEMER
40.066.10
16 cm/6¼”

Gefäßdilatatoren
Vessel dilators
Dilatateurs vasculaires
Dilatadores vasculares
Dialtatori vascolari

Ø 0,5 mm



40.066.16
12,5 cm/5”

Ø 1,0 mm



40.066.17
12,5 cm/5”

Ø 1,5 mm



40.066.18
12,5 cm/5”

Knopfsonde
Buttoned probes
Sondes boutonnées
Sondas abotonadas
Sonda abbottonata



JACOBSON
40.066.19
18,5 cm/7¼”

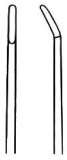


JACOBSON
40.066.20
18,5 cm/7¼”

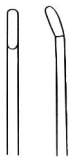


SAMII
23 cm/9”

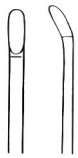
Tumormesser
Tumor knives
Couteaux à tumeurs
Cuchillos para tumores
Coltelli per tumori



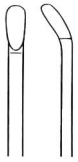
40.075.10
1,0 mm



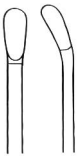
40.075.11
1,5 mm



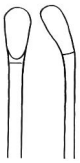
40.075.12
2,0 mm



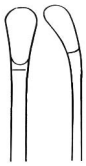
40.075.13
2,5 mm



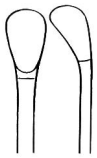
40.075.14
3,0 mm



40.075.15
3,5 mm



40.075.16
4,0 mm

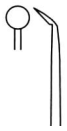


40.075.18
5,0 mm

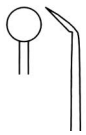
Messer für Tumorgewebe
Knives for tumor tissue
Couteaux pour tissu de tumeur
Cuchillos para teijdos con tumores
Coltelli per tessuto tumolare



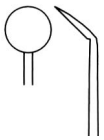
40.076.01
1,5 mm



40.076.02
3,0 mm

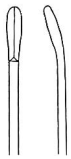


40.076.03
4,5 mm

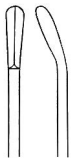


40.076.04
6,0 mm

Lanzettenmesser für Tumorgewebe
Lancet knives for tumor tissue
Couteaux lancéolaires pour tissu de tumeur
Cuchillos en forma de lanceta para tejidos con tumores
Coltelli lanceolato per tessuto tumolare



40.077.18
1,8 mm

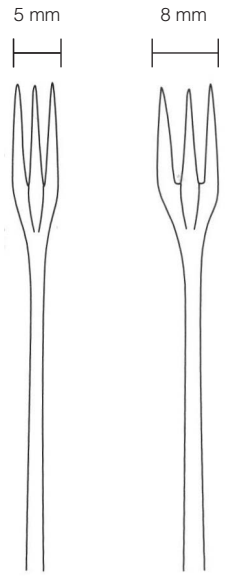


40.077.25
2,5 mm



YASARGIL
20 cm/8”

Tumorgabeln
Tumor forks
Fourches à tumeurs
Horquillas para tumores
Forchette per tumori

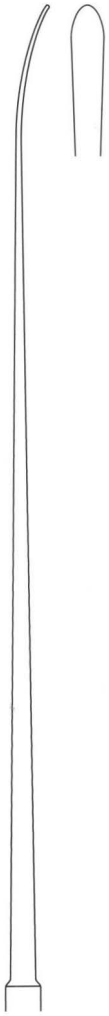


40.079.05

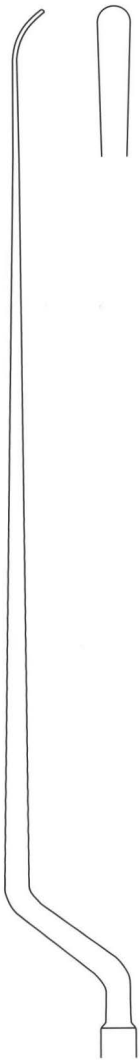
40.079.08



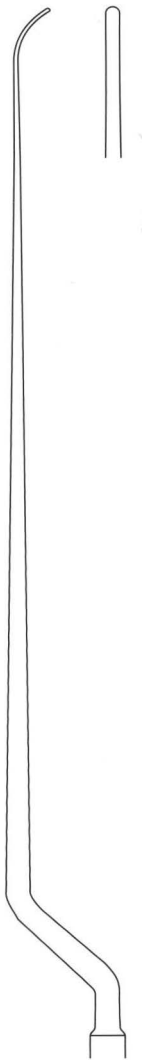
CASPAR



40.171.01
23 cm/9”
4,5 mm



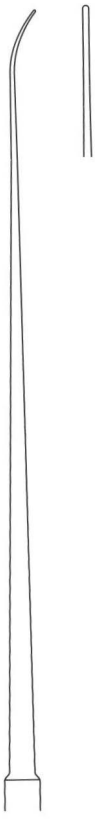
40.171.02
23 cm/9”
4,5 mm



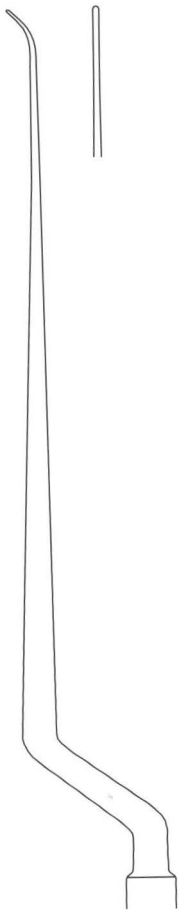
40.171.03
23 cm/9”
2 mm



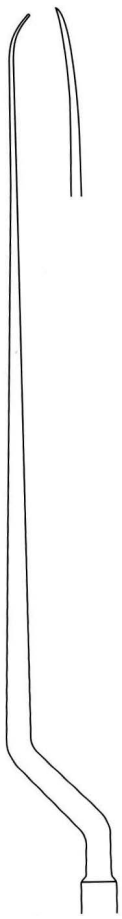
CASPAR



40.173.01
20 cm/8”
1 mm



40.173.02
21 cm/8¼”
1 mm



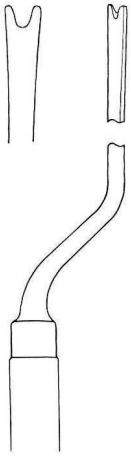
40.173.03
21 cm/8¼”
1 mm

Fadengabel
Knot tier and ligature pusher
Fourche pour fil à suturer
Horquilla para ligadura
Forchetta per legatura





JACOBSON
40.172.19
23 cm/9”



CASPAR
40.171.04
23 cm/9”

auswechselbares Gefäßmesser
interchangeable vessel knife
couteau à vaisseaux échangeable
cuchillo cambiable
sostituibili nave coltello



JACOBSON
40.172.01
9,5 cm/3¾”

auswechselbares Häckchen
interchangeable hook
crochet échangeable
gancho cambiable
sostituibili gancio



40.172.02
9,5 cm/3¾”



Griff mit Spannfutter
Handle with chuck
Manche avec mandrin
Mango con mandril
Maneggiare con chuck

40.172.10
10,5 cm/4”



OKONEK-YASARGIL
23 cm/9”

Tumorgabeln
Tumor forks
Fourches à tumeurs
Horquillas para tumores
Forchette per tumori



40.174.03
3 mm



40.174.04
4 mm



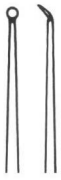
40.174.05
5 mm



40.174.08
8 mm

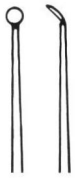


RHOTON
19 cm/7½”



40.180.01
Ø 1 mm

Dissektor, rund
Dissector, round
Dissecteur, ronde
Disector, rondo
Dissettora, rotondo



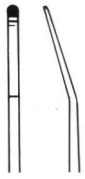
40.180.02
Ø 2 mm

Dissektor, rund
Dissector, round
Dissecteur, ronde
Disector, rondo
Dissettora, rotondo



40.180.03
Ø 3 mm

Dissektor, rund
Dissector, round
Dissecteur, ronde
Disector, rondo
Dissettora, rotondo



40.180.04
1,2 mm

Elevator
Elevator
Elévateur
Elevador
Elevatori



40.180.05
2,8 mm

Elevator
Elevator
Elévateur
Elevador
Elevatori



40.180.06
1 mm

Dissektor, spatelförmig
Dissector, spatula
Dissecteur, spatulé
Disector, espatulado
Dissettora, spatulate



40.180.07
1,5 mm

Dissektor, spatelförmig
Dissector, spatula
Dissecteur, spatulé
Disector, espatulado
Dissettora, spatulate



40.180.08
2 mm

Dissektor, spatelförmig
Dissector, spatula
Dissecteur, spatulé
Disector, espatulado
Dissettora, spatulate



RHOTON
19 cm/7½”



40.180.09
2 mm

Häckchen, halbscharf
Hook, semi-sharp
Crochet, semi-pointu
Gancho, semi agudo
Gancio, semi acuto



40.180.10
2 mm

Häckchen, stumpf
Hook, blunt
Crochet, mousse
Gancho, romo
Gancio, smusso



40.180.11
3 mm

Häckchen, halbscharf
Hook, semi-sharp
Crochet, semi-pointu
Gancho, semi agudo
Gancio, semi acuto



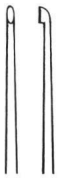
40.180.12

Nadel, halbscharf
Needle, semi-sharp
Aiguille, semi-pointu
Aguja, semi agudo
Ago, semi acuto



40.180.16

Knopfsonde
Buttoned probe
Sonde boutonnée
Sonda abotonada
Sonda abbottonata



40.180.13
1 x 2 mm

Kürette, oval
Curette, oval
Curette, oval
Cureta, oval
Curette, ovale



40.180.14
1 x 2 mm

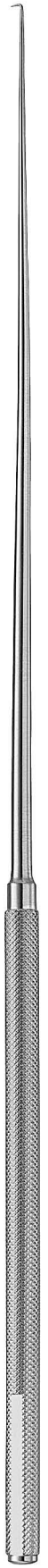
Kürette, oval
Curette, oval
Curette, oval
Cureta, oval
Curette, ovale

Gewebekrallen
Tissue claws
Griffes tissulaires
Garras para tejido
Artiglie per tessuti



mit Schutzkappe
with guard
avec capuchon
con una tapa protectora
con un cappuccio protettivo

18,5 cm/7¼”	
Ø 1,0 mm	**40.190.10**
Ø 1,8 mm	**40.190.18**





90° scharf
90° sharp
90° pointu
90° agudo
90° acuto

40.191.01
18,5 cm/7¼”



90° stumpf
90° blunt
90° mousse
90° romo
90° smusso

FISCH
40.191.02
18,5 cm/7¼”



40.191.23
23 cm/9”

scharf
sharp
pointu
agudo
acuto



40.191.24
23 cm/9”

stumpf
blunt
mousse
romo
smusso

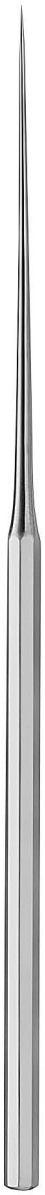


Mikro-Gefäßmesser
Micro vessel knife
Micro couteau pour vaisseaux
Micro cuchillo para vasos
Micro coltello per vasi

JACOBSON
40.065.50
18,5 cm/7¼”

Fußplattenhäckchen
Hook
Crochet
Ganchito
Uncino

2 mm



FISCH
40.191.16
16 cm/6¼”

14

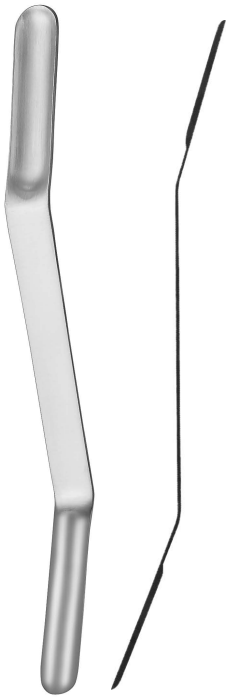
SPATEL
SPATULAS
SPATULES
ESPÁTULAS
SPATOLE



biegsam
malleable
malléable
maleable
malleabile

CUSHING

40.250.07	7/9 x 180 mm
40.250.11	11/13 x 180 mm
40.250.15	15/18 x 180 mm
40.250.18	18/22 x 180 mm



konvex
convex
convexe
convexa
convessa

OLIVECRONA

40.252.13	7/9 x 180 mm
40.252.15	11/13 x 180 mm
40.252.17	15/18 x 180 mm
40.252.19	18/22 x 180 mm



konkav
concave
concave
cóncava
concava

OLIVECRONA

40.253.07	7/9 x 180 mm
40.253.11	11/13 x 180 mm
40.253.15	15/18 x 180 mm
40.253.18	18/22 x 180 mm



biegsam
malleable
malléable
maleable
malleabile

SCOVILLE

40.254.10	10/13 x 200 mm
40.254.16	16/19 x 200 mm



biegsam
malleable
malléable
maleable
malleabile

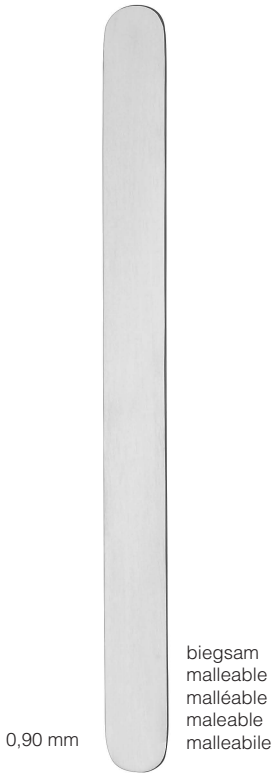
AACHEN

40.256.07	7/8 x 200 mm
40.256.10	10/11 x 200 mm
40.256.13	13/14 x 200 mm
40.256.16	16/17 x 200 mm
40.256.19	19/20 x 200 mm
40.256.22	22/25 x 200 mm



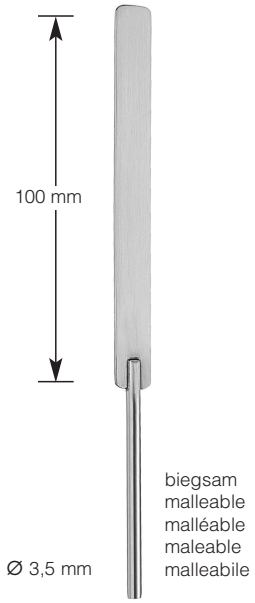
biegsam
malleable
malléable
maleable
malleabile

40.257.01	9 x 200 mm
40.257.02	12 x 200 mm
40.257.03	12 x 250 mm



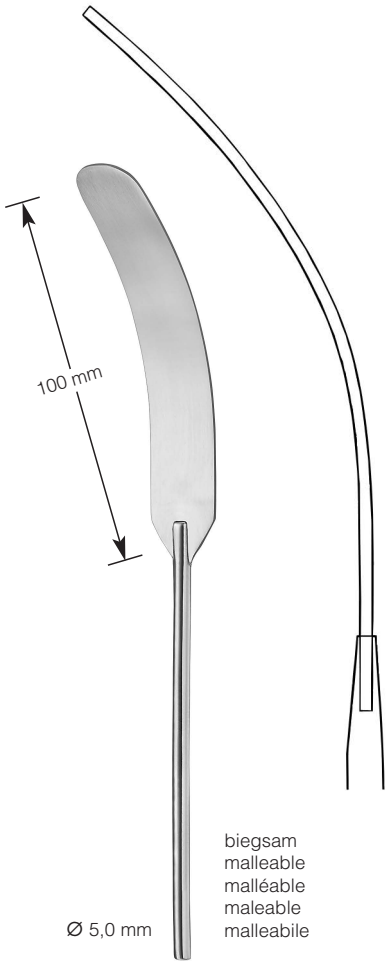
CAIRNS

40.258.06	6 x 200 mm
40.258.08	8 x 200 mm
40.258.10	10 x 200 mm
40.258.11	11 x 200 mm
40.258.13	13 x 200 mm
40.258.16	16 x 200 mm
40.258.19	19 x 200 mm
40.258.25	25 x 200 mm



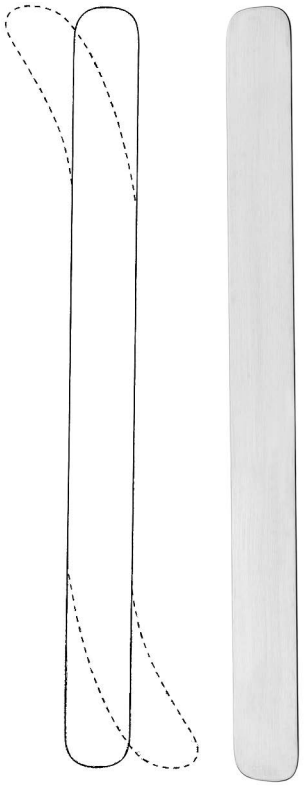
HEIFETZ

40.259.08	8 x 155 mm
40.259.11	11 x 155 mm
40.259.14	14 x 155 mm
40.259.17	17 x 155 mm



HEIFETZ

40.260.08	8 x 200 mm
40.260.11	11 x 200 mm
40.260.14	14 x 200 mm
40.260.17	17 x 200 mm
40.260.20	20 x 200 mm



biegsam
malleable
malléable
maleable
malleabile

RIBBON

18.168.06	6 x 200 mm
18.168.07	7 x 200 mm
18.168.09	9 x 200 mm
18.168.12	12 x 200 mm
18.168.17	17 x 200 mm
18.168.20	20 x 200 mm
18.168.24	25 x 200 mm
18.168.25	25 x 250 mm



biegsam
malleable
malléable
maleable
malleabile

RIBBON

18.170.13	13 x 330 mm
18.170.19	19 x 330 mm
18.170.25	25 x 330 mm
18.170.30	30 x 330 mm
18.170.32	32 x 330 mm
18.170.40	40 x 330 mm
18.170.45	45 x 330 mm
18.170.50	50 x 330 mm
18.170.64	64 x 330 mm
18.170.75	75 x 330 mm



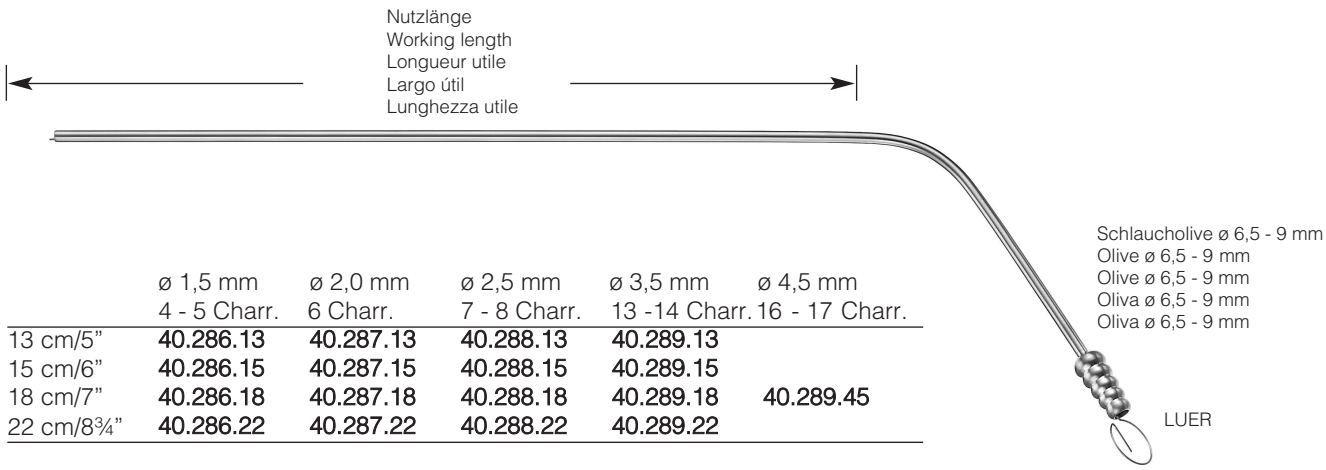
biegsam, sehr weich
malleable, very soft
malléable, très souple
maleable, muy blando
malleabile, molto dolci

MARTIN

18.173.06	6,5 x 200 mm
18.173.09	9,5 x 200 mm
18.173.13	13 x 200 mm
18.173.16	16 x 200 mm
18.173.19	19 x 200 mm
18.173.25	25 x 200 mm

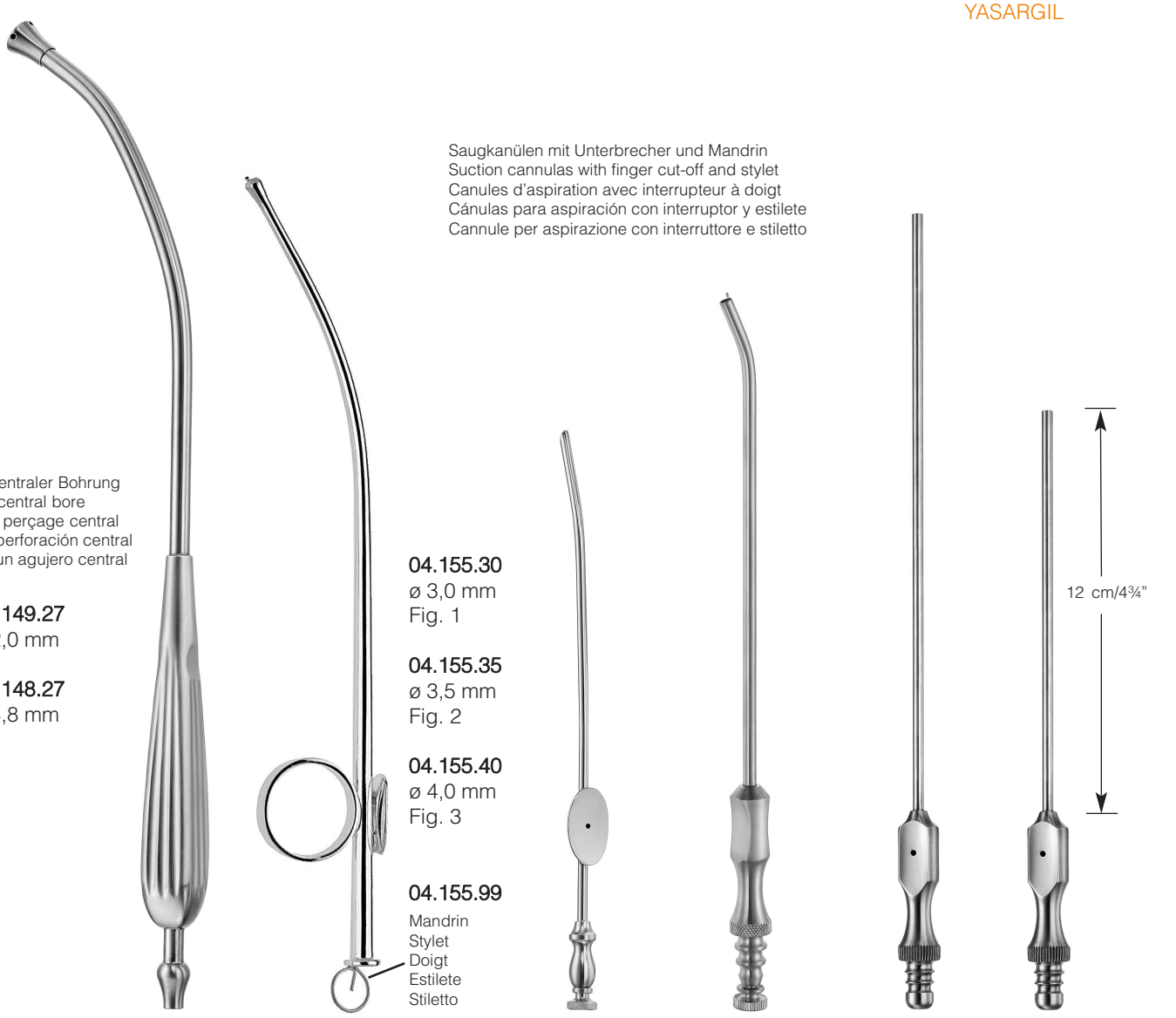
15

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



	ø 1,5 mm 4 - 5 Charr.	ø 2,0 mm 6 Charr.	ø 2,5 mm 7 - 8 Charr.	ø 3,5 mm 13 -14 Charr.	ø 4,5 mm 16 - 17 Charr.
13 cm/5"	**40.286.13**	**40.287.13**	**40.288.13**	**40.289.13**	
15 cm/6"	**40.286.15**	**40.287.15**	**40.288.15**	**40.289.15**	
18 cm/7"	**40.286.18**	**40.287.18**	**40.288.18**	**40.289.18**	**40.289.45**
22 cm/8¾"	**40.286.22**	**40.287.22**	**40.288.22**	**40.289.22**	

YASARGIL



mit zentraler Bohrung
with central bore
avec perçage central
con perforación central
con un agujero central

04.149.27
ø 2,0 mm

04.148.27
ø 4,8 mm

YANKAUER
28,5 cm/11¼"

Saugkanülen mit Unterbrecher und Mandrin
Suction cannulas with finger cut-off and stylet
Canules d'aspiration avec interrupteur à doigt
Cánulas para aspiración con interruptor y estilete
Cannule per aspirazione con interruttore e stiletto

04.155.30
ø 3,0 mm
Fig. 1

04.155.35
ø 3,5 mm
Fig. 2

04.155.40
ø 4,0 mm
Fig. 3

04.155.99
Mandrin
Stylet
Doigt
Estilete
Stiletto

MAGILL
24,5 cm/9¾"

ADSON
40.290.16
16,5 cm/6½"
ø 3 mm

ADSON
40.290.21
21 cm/8¼"
ø 4 mm

FRAZIER
40.290.10
24 cm/9½"
ø 3,3 mm

12 cm/4¾"

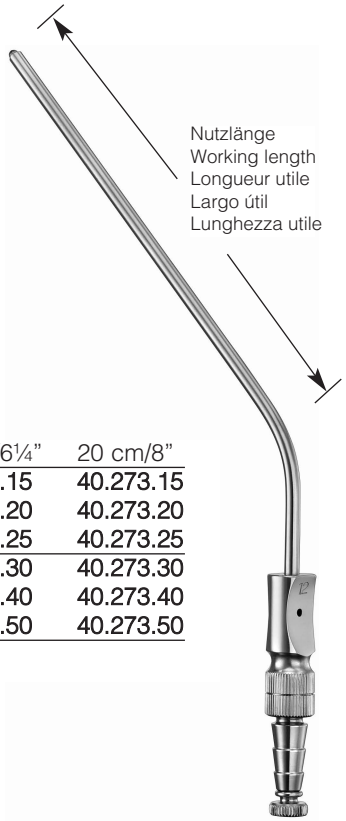
FRAZIER
40.292.08
ø 2,7 mm/8 charr.



ø 2 mm	40.283.02
ø 3 mm	40.283.03

Schlaucholive ø 7 - 9 mm
Olive ø 7 - 9 mm
Olive ø 7 - 9 mm
Oliva ø 7 - 9 mm
Oliva ø 7 - 9 mm

LEMPERT
20 cm/8"



Ø mm	F.G. Charr.	11 cm/4¼"	13 cm/5"	16 cm/6¼"	20 cm/8"
ø 1,5 mm	4 - 5	40.270.15	40.271.15	40.272.15	40.273.15
ø 2,0 mm	6	40.270.20	40.271.20	40.272.20	40.273.20
ø 2,5 mm	7 - 8	40.270.25	40.271.25	40.272.25	40.273.25
ø 3,0 mm	9	40.270.30	40.271.30	40.272.30	40.273.30
ø 4,0 mm	12	40.270.40	40.271.40	40.272.40	40.273.40
ø 5,0 mm	15	40.270.50	40.271.50	40.272.50	40.273.50

FERGUSSON

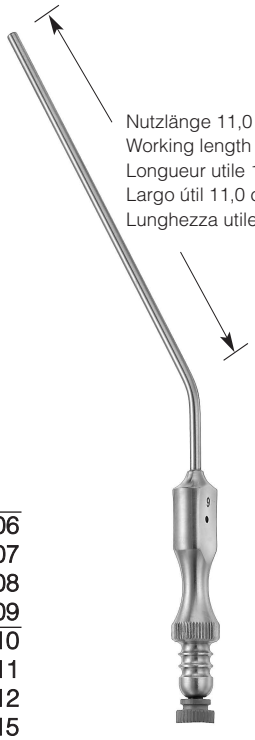


Schlaucholive ø 6 - 9 mm
Olive ø 6 - 9 mm
Olive ø 6 - 9 mm
Oliva ø 6 - 9 mm
Oliva ø 6 - 9 mm

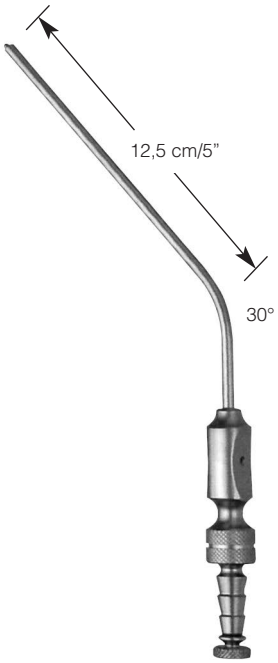
FERGUSSON
40.291.04
18 cm/7"
ø 4 mm

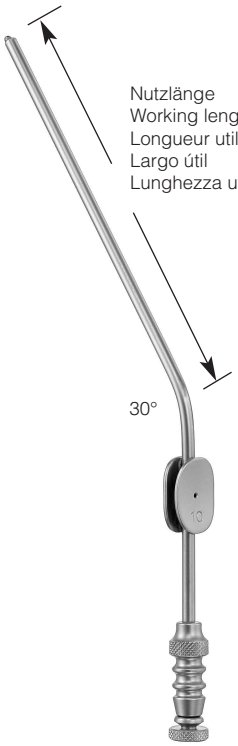
Saugkanülen mit Unterbrecher und Mandrin
Suction cannulas with finger cut-off and stylet
Canules d'aspiration avec interrupteur à doigt
Cánulas para aspiración con interruptor y estilete
Cannule per aspirazione con interruttore e stiletto

F.G. Charr.	Ø mm	30°	75°
6	2,0	40.295.06	40.297.06
7	2,3	40.295.07	40.297.07
8	2,7	40.295.08	40.297.08
9	3,0	40.295.09	40.297.09
10	3,3	40.295.10	40.297.10
11	3,7	40.295.11	40.297.11
12	4,0	40.295.12	40.297.12
15	5,0	40.295.15	40.297.15



FRAZIER
19 cm/7½"





FRAZIER

6 Charr.	**40.293.06**
8 Charr.	**40.293.08**
9 Charr.	**40.293.09**
10 Charr.	**40.293.10**
12 Charr.	**40.293.12**

FRAZIER

F.G. Charr.	ø mm	12,5 cm/5"	18 cm/7"
6	2,0	**40.296.06**	**40.296.16**
8	2,7	**40.296.08**	**40.296.18**
10	3,3	**40.296.10**	**40.296.30**
12	4,0	**40.296.12**	**40.296.32**

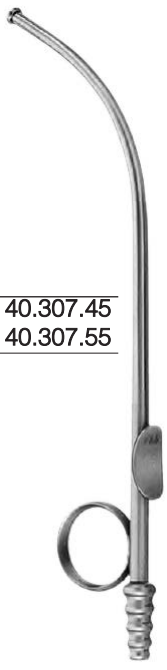
Spitze 6,5 mm breit
Tip 6.5 mm wide
Pointe 6,5 mm de large
Punta 6,5 mm de ancho
Punta 6,5 mm di larghezza



40.294.05
18 cm/7"
ø 5 mm

Schlaucholive ø 6 - 9 mm
Olive ø 6 - 9 mm
Olive ø 6 - 9 mm
Oliva ø 6 - 9 mm
Oliva ø 6 - 9 mm

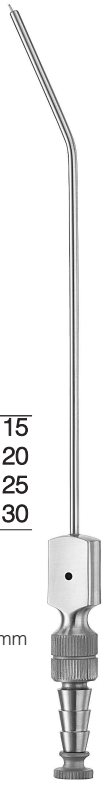
ø 4,5 mm	**40.307.45**
ø 5,5 mm	**40.307.55**



Schlaucholive ø 6 - 9 mm
Olive ø 6 - 9 mm
Olive ø 6 - 9 mm
Oliva ø 6 - 9 mm
Oliva ø 6 - 9 mm

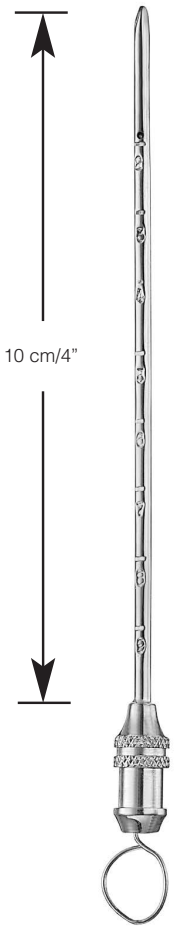
LUER
17,5 cm/7"

4-5 charr.	ø 1,5 mm	**40.313.15**
6 charr.	ø 2,0 mm	**40.313.20**
7-8 charr.	ø 2,5 mm	**40.313.25**
9 charr.	ø 3,0 mm	**40.313.30**



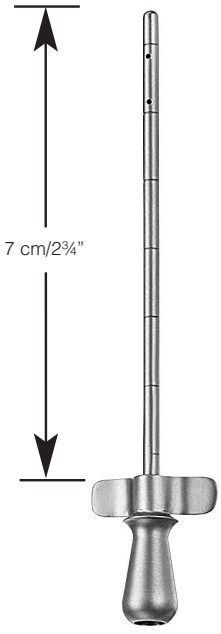
Schlaucholive ø 6 - 9 mm
Olive ø 6 - 9 mm
Olive ø 6 - 9 mm
Oliva ø 6 - 9 mm
Oliva ø 6 - 9 mm

PLESTER
19 cm/7½"



FRAZIER
12 cm/4¾”

ø 2,0 mm	**40.298.08**
ø 2,5 mm	**40.298.10**
ø 3,0 mm	**40.298.12**



ø 2,0 mm	**40.300.20**
ø 2,5 mm	**40.300.25**



ZOELLNER
40.283.70
18 cm/7"



Verpackungseinheit 10 Stück
Packing unit 10 pieces
Boîtes de 10 pièces
Cajas de 10 piezas
Scatole di 10 pezzi

ZOELLNER
5,5 cm/2"

ø 1,2 mm / 18 swg	**40.283.71**
ø 1,0 mm / 20 swg	**40.283.72**
ø 0,7 mm / 22 swg	**40.283.73**
ø 0,5 mm / 24 swg	**40.283.74**
ø 0,4 mm / 26 swg	**40.283.75**

Schlaucholive ø 8 mm
Olive ø 8 mm
Olive ø 8 mm
Oliva ø 8 mm
Oliva ø 8 mm



WULLSTEIN

40.308.00

komplett, mit Griff und drei Aufsätzen
complete, with handle and 3 tips
complet, avec manche et 3 pointes
completo, con mango y 3 puntas
completo, con manico e 3 punte

40.308.01
14 cm/5½"

Saugerhandgriff
Suction handle
Manche pour canule
Mango para cánula
Manico d´aspirazione

Mikro-Saugkanüle
Micro suction cannula
Tube micro d'aspiration
Micro tubo de aspiración
Micro-cannula d´aspirazione



40.308.04
4,5 cm/1¾"
ø 0,4 mm



40.308.06
4,5 cm/1¾"
ø 0,6 mm



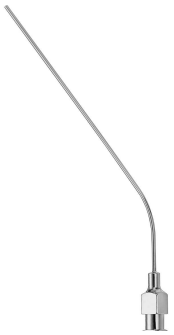
40.308.08
4,5 cm/1¾"
ø 0,8 mm

40.309.00
komplett, mit Griff und 4 Aufsätzen (x 2)
complete, with handle and 4 tips (x 2)
complet, avec manche et 4 pointes (x 2)
completo, con mango y 4 puntas (x 2)
completo, con manico e 4 punte (x 2)

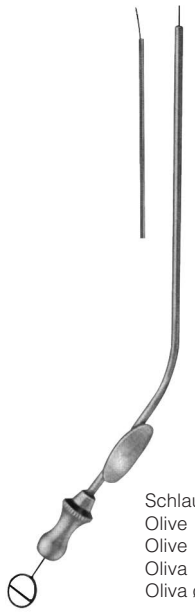


40.309.01

Saughandgriff
Suction handle
Manche pour canule
Mango para cánula
Manico d´aspirazione



ø 0,5 mm	**40.309.02**
ø 0,7 mm	**40.309.03**
ø 1,0 mm	**40.309.04**
ø 1,3 mm	**40.309.05**



BELLUCCI
40.310.01
15,5 cm/6"

Schlaucholive ø 8 mm
Olive ø 8 mm
Olive ø 8 mm
Oliva ø 8 mm
Oliva ø 8 mm

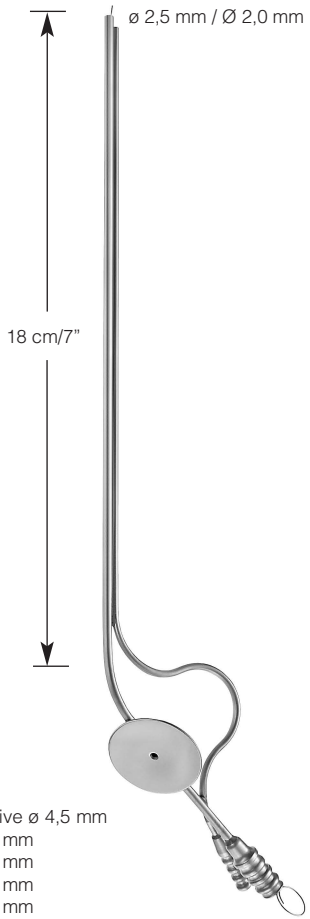
BELLUCCI
40.310.00

komplett, mit Griff und drei Aufsätzen
complete, with handle and 3 tips
complet, avec manche et 3 pointes
completo, con mango y 3 puntas
completo, con manico e 3 punte



ø 1,0 mm / 20 swg	**40.310.02**
ø 0,7 mm / 22 swg	**40.310.03**
ø 0,5 mm / 24 swg	**40.310.04**

mit Saugunterbrecher und Mandrin
with finger cut-off and stylet
avec interrupteur à doigt
con interruptor y estilete
con interruttore e stiletto



FISCH
40.331.17

Saug- und Spülkanüle
Suction und irrigation cannula
Canule d'aspiration et d'irrigation
Cánula de aspiración y de irrigación
Strumenti per aspirazione e lavaggio

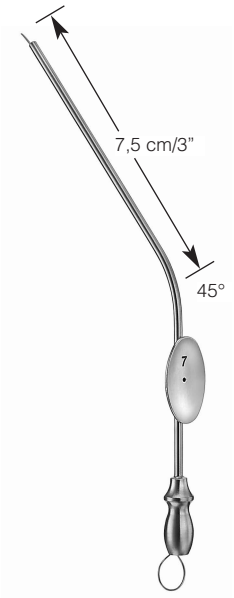


YASARGIL
40.332.20
20 cm/8”
Ø 2,0/4,5 mm

Präpariersauger
Suction raspatory
Aspirateur pour préparation
Aspirador para preparación
Aspiratore per preparazione



LANDOLT
40.333.20
20 cm/8”
Ø 3,2 mm



mit Unterbrecher
with finger cut-off
avec plaque interrupteur
con placa desconectadora
con placa interruttore

44.101.03
ø 1,0 mm

44.101.05
ø 1,7 mm

44.101.07
ø 2,3 mm

BARON



Schlaucholive ø 8 mm
Olive ø 8 mm
Olive ø 8 mm
Oliva ø 8 mm
Oliva ø 8 mm

SCHUHKNECHT
13 cm/5"

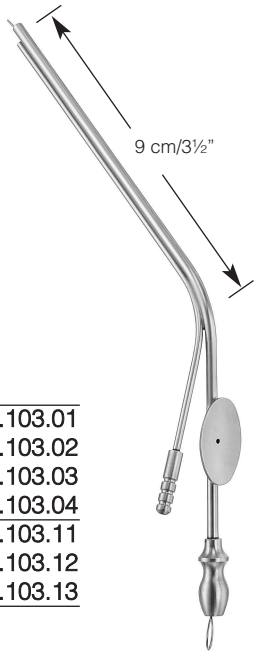
ø 0,9 mm / 20 swg	**44.102.20**
ø 0,6 mm / 24 swg	**44.102.24**

Saugadapter mit Saugunterbrecher
Suction adapter with finger cut-off
Adaptateur d'aspiration avec interrupteur
Adaptador para aspiración con interruptor
Adattator per aspirazione con interruttore



Schlaucholive ø 7 mm
Olive ø 7 mm
Olive ø 7 mm
Oliva ø 7 mm
Oliva ø 7 mm

HOUSE
44.104.00
5,5 cm/2¼"



Saugrohr Suction tube À aspiration De aspiración Per aspirazione	Spülrohr Irrigation tube À irrigation De irrigación Per lavaggio	
ø 1,8 mm	ø 1,8 mm	**44.103.01**
ø 2,5 mm	ø 2,0 mm	**44.103.02**
ø 3,0 mm	ø 2,0 mm	**44.103.03**
ø 4,5 mm	ø 2,0 mm	**44.103.04**
ø 0,9 mm	ø 0,7 mm	**44.103.11**
ø 1,2 mm	ø 0,9 mm	**44.103.12**
ø 1,5 mm	ø 1,2 mm	**44.103.13**

HOUSE

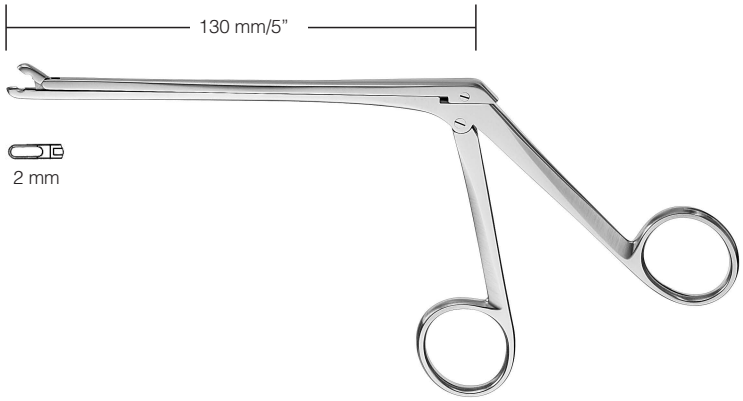


VERHOEVEN
10 cm/4"

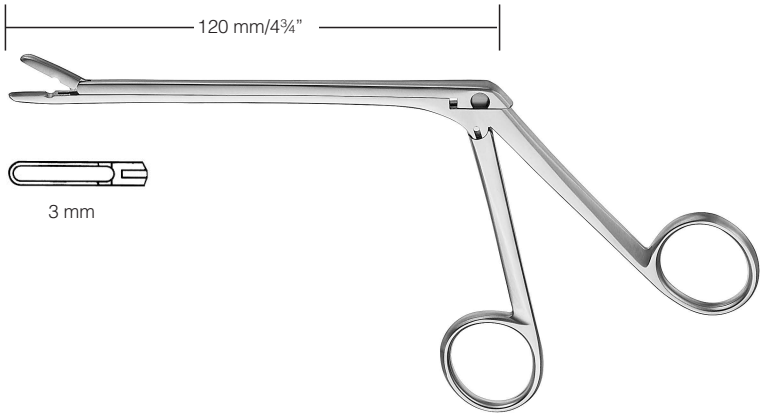
ø 1,6 mm / 16 swg	**44.105.16**
ø 1,2 mm / 18 swg	**44.105.18**
ø 0,9 mm / 20 swg	**44.105.20**
ø 0,7 mm / 22 swg	**44.105.22**
ø 0,6 mm / 24 swg	**44.105.24**

16

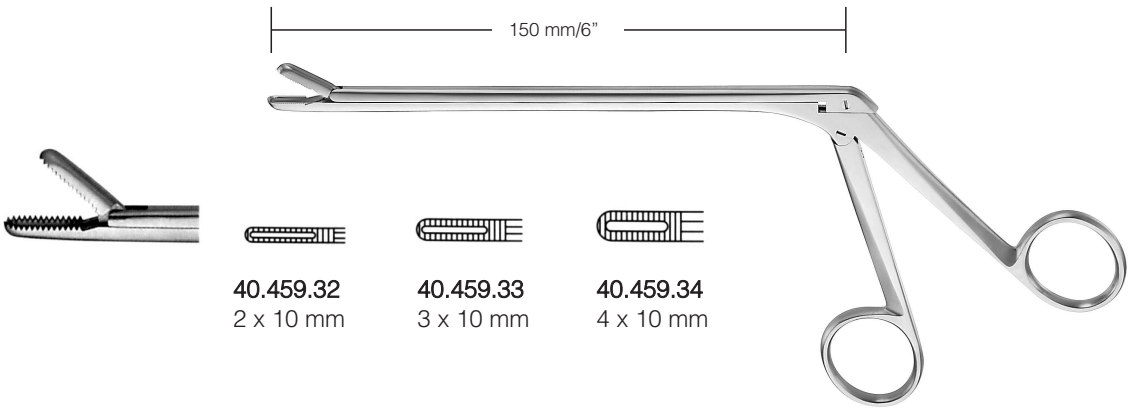
STANZEN
RONGEURS
GOUGES
GUBIAS
SGORBIE



BECK
40.413.02



PENNYBACKER
40.423.03

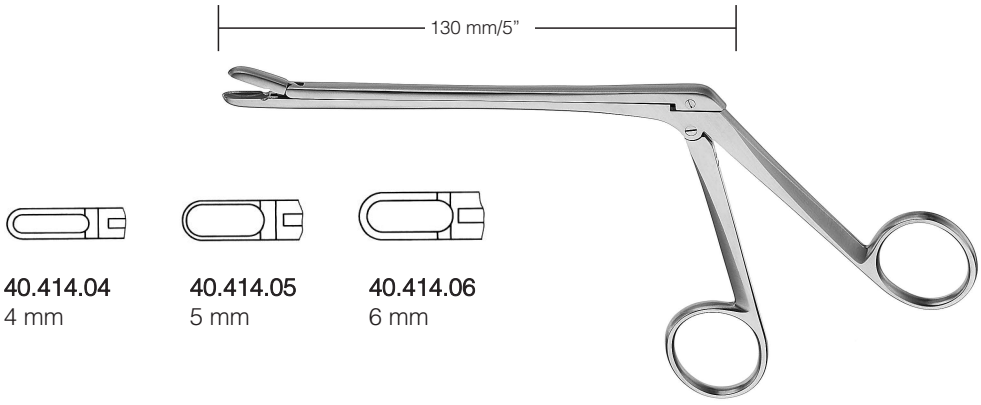


40.459.32
2 x 10 mm

40.459.33
3 x 10 mm

40.459.34
4 x 10 mm

SCHLESINGER

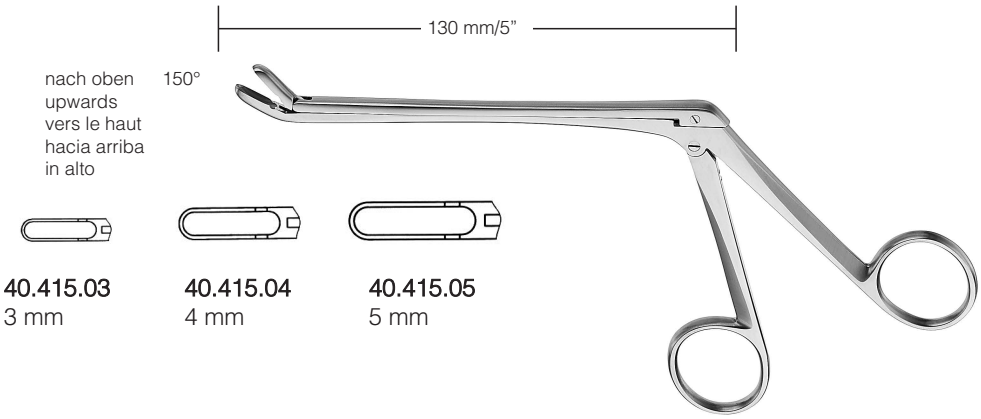


40.414.04
4 mm

40.414.05
5 mm

40.414.06
6 mm

CUSHING

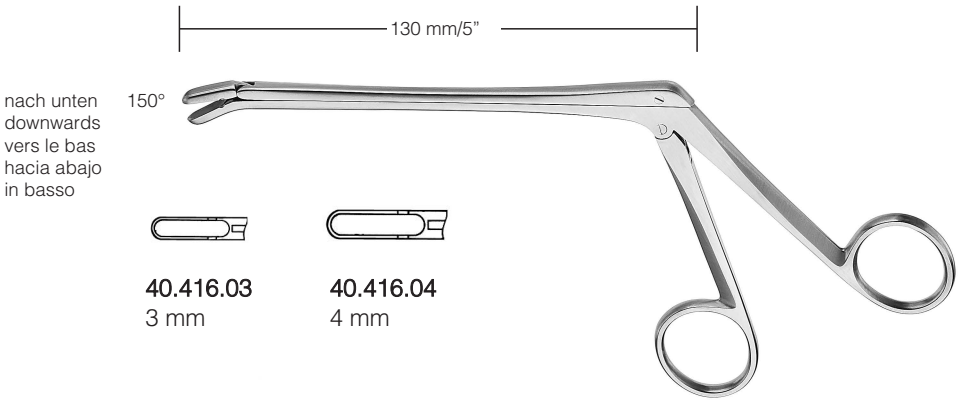


40.415.03
3 mm

40.415.04
4 mm

40.415.05
5 mm

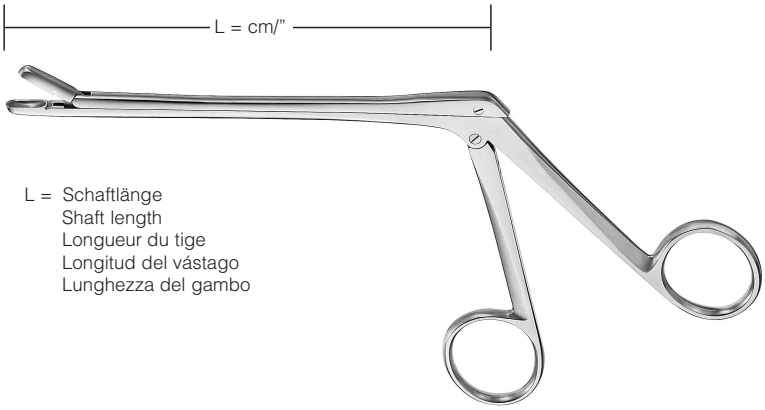
CUSHING



40.416.03
3 mm

40.416.04
4 mm

CUSHING



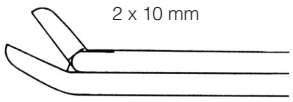
2 x 10 mm



gerade straight droit recta diritta	CUSHING	
	12,5 cm/5”	**40.420.01**
	15,0 cm/6”	**40.421.01**
	18,0 cm/7”	**40.422.01**

nach oben
upwards
vers le haut
hacia arriba
in alto

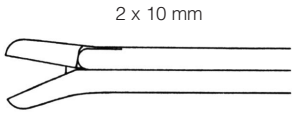
2 x 10 mm



CUSHING	
12,5 cm/5”	**40.420.02**
15,0 cm/6”	**40.421.02**
18,0 cm/7”	**40.422.02**

nach unten
downwards
vers le bas
hacia abajo
in basso

2 x 10 mm



CUSHING	
12,5 cm/5”	**40.420.03**
15,0 cm/6”	**40.421.03**
18,0 cm/7”	**40.422.03**

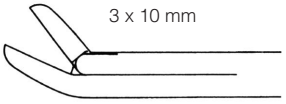
3 x 10 mm



gerade straight droit recta diritta	LOVE-GRUENWALD	
	12,5 cm/5”	**40.430.01**
	15,0 cm/6”	**40.431.01**
	18,0 cm/7”	**40.432.01**

nach oben
upwards
vers le haut
hacia arriba
in alto

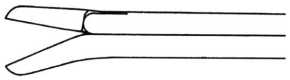
3 x 10 mm



LOVE-GRUENWALD	
12,5 cm/5”	**40.430.02**
15,0 cm/6”	**40.431.02**
18,0 cm/7”	**40.432.02**

nach unten
downwards
vers le bas
hacia abajo
in basso

3 x 10 mm



LOVE-GRUENWALD	
12,5 cm/5”	**40.430.03**
15,0 cm/6”	**40.431.03**
18,0 cm/7”	**40.432.03**

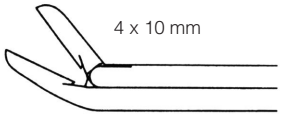
4 x 10 mm



gerade straight droit recta diritta	SPURLING	
	12,5 cm/5”	**40.440.01**
	15,0 cm/6”	**40.441.01**
	18,0 cm/7”	**40.442.01**

nach oben
upwards
vers le haut
hacia arriba
in alto

4 x 10 mm



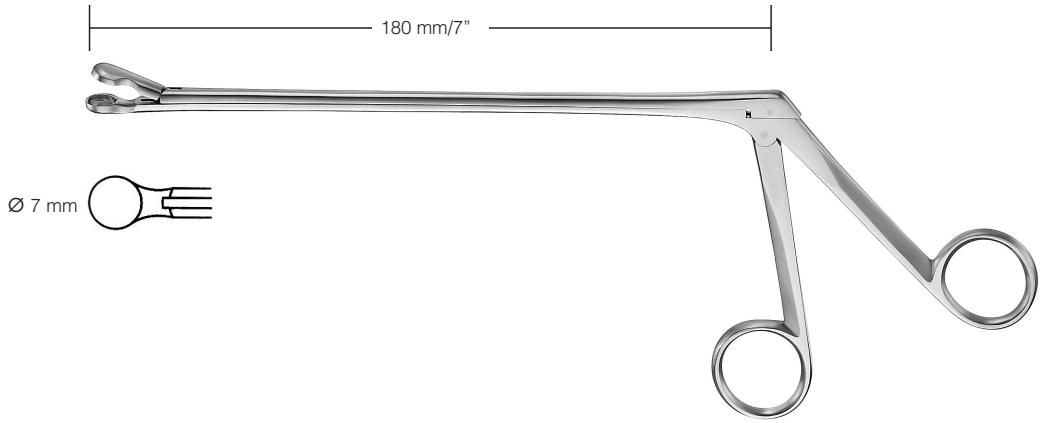
SPURLING	
12,5 cm/5”	**40.440.02**
15,0 cm/6”	**40.441.02**
18,0 cm/7”	**40.442.02**

nach unten
downwards
vers le bas
hacia abajo
in basso

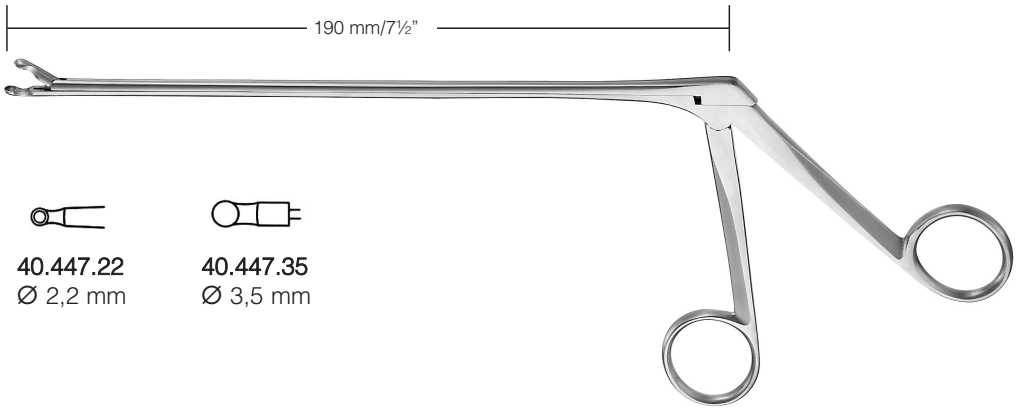
4 x 10 mm



SPURLING	
12,5 cm/5”	**40.440.03**
15,0 cm/6”	**40.441.03**
18,0 cm/7”	**40.442.03**



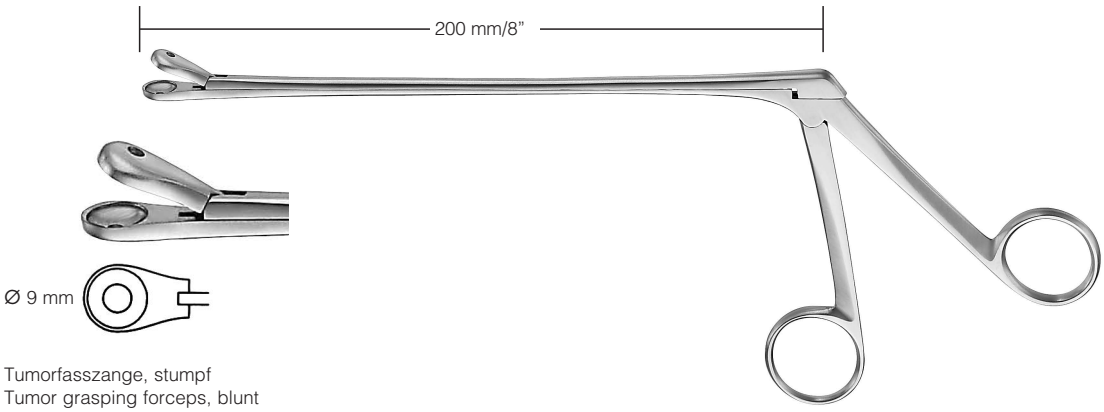
OLDBERG
40.445.25
25 cm/10”



40.447.22
Ø 2,2 mm

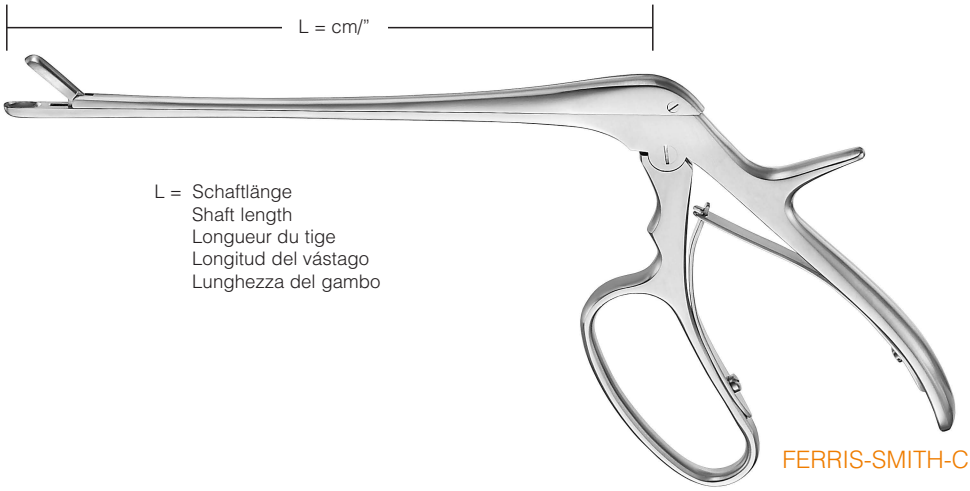
40.447.35
Ø 3,5 mm

YASARGIL

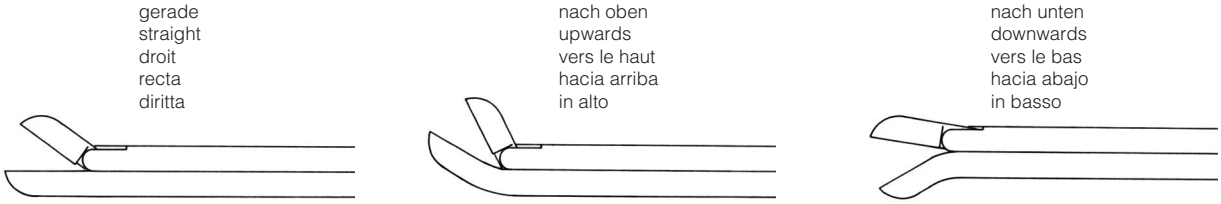


Tumorfasszange, stumpf
Tumor grasping forceps, blunt
Pinces pour préhension de tumeurs, mousse
Pinzas para agarrar tumores, romo
Pinze per afferrare tumori, smusso

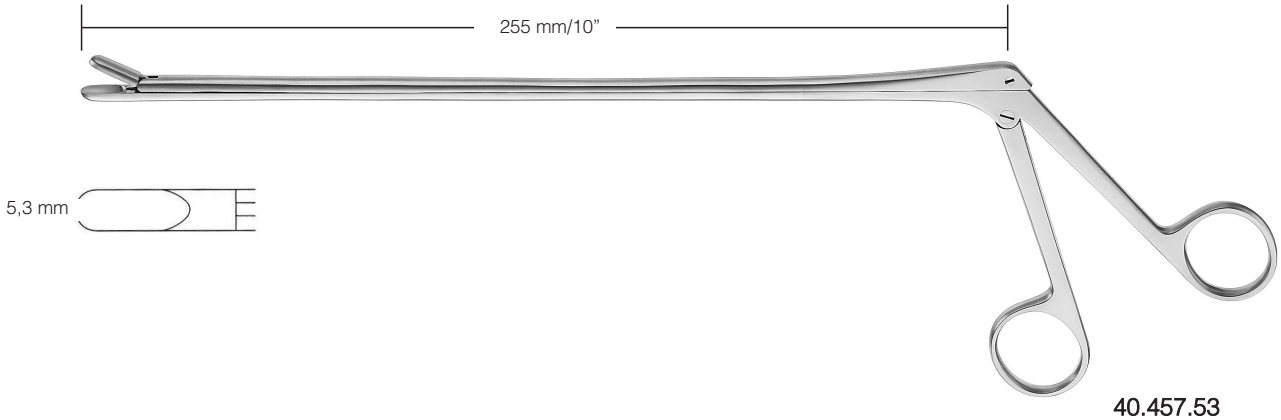
LANDOLT
40.448.20



FERRIS-SMITH-CUSHING

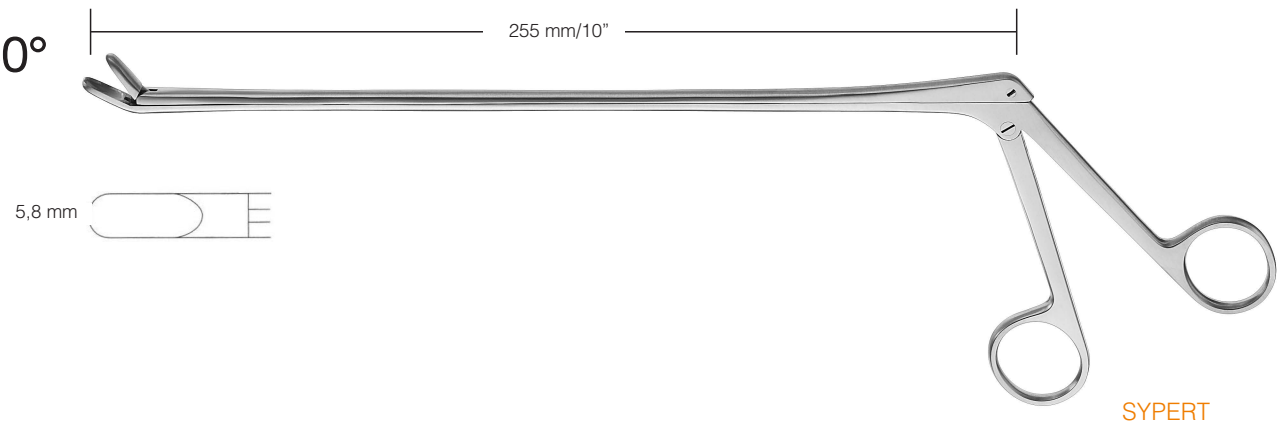


	16 cm/6¼"	18 cm/7"	16 cm/6¼"	18 cm/7"	16 cm/6¼"	18 cm/7"
2 x 10 mm		40.451.01		40.451.02		40.451.03
3 x 10 mm	40.450.01	40.452.01	40.450.02	40.452.02	40.450.03	40.452.03
4 x 10 mm		40.453.01		40.453.02		40.453.03

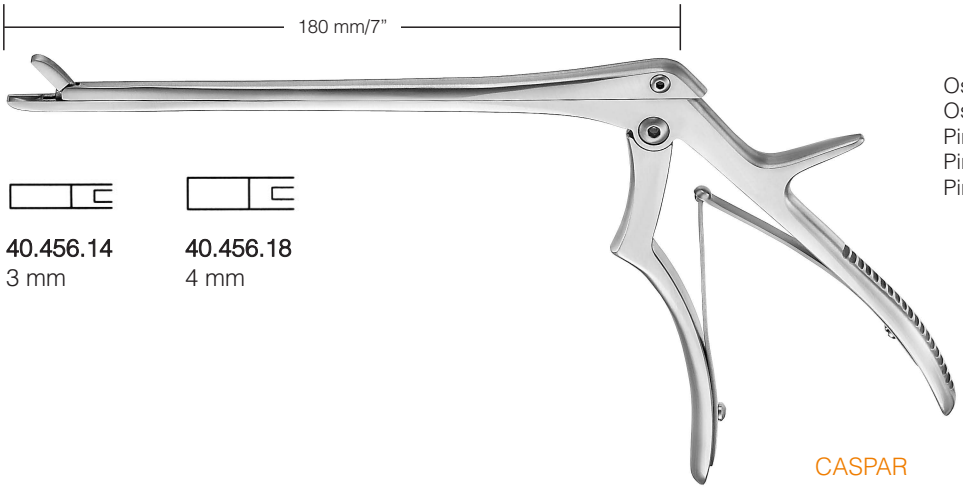


40.457.53

150°



SYPERT
40.457.58

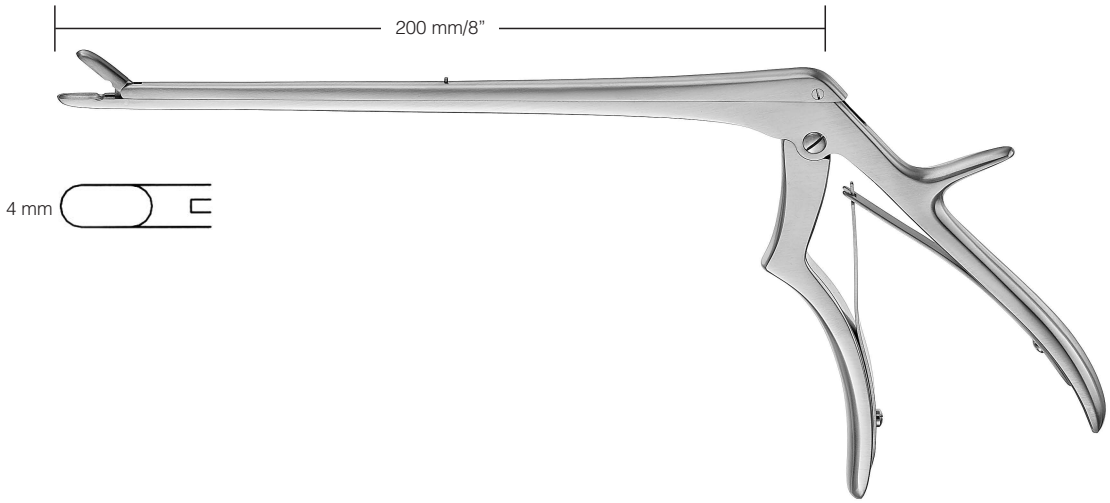


Osteophytenzange
Osteophyte rongeur
Pince à ostéophytes
Pinza para osteofites
Pinza per osteofiti

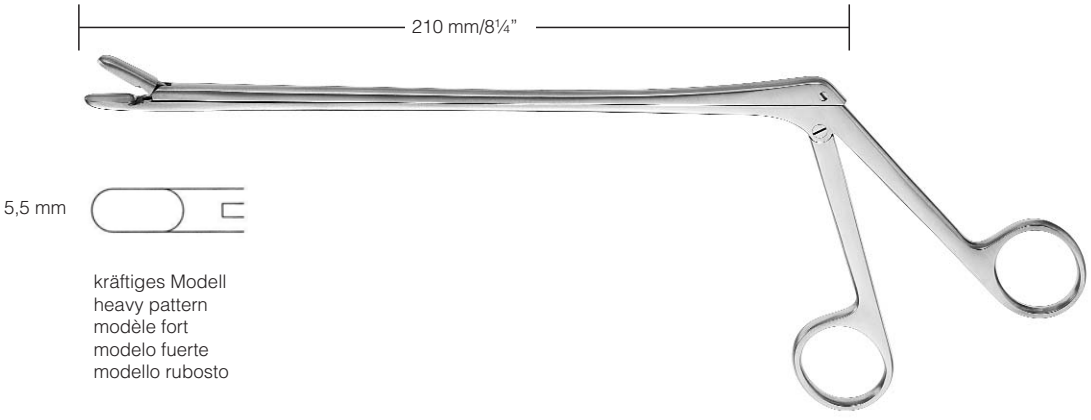
40.456.14
3 mm

40.456.18
4 mm

CASPAR

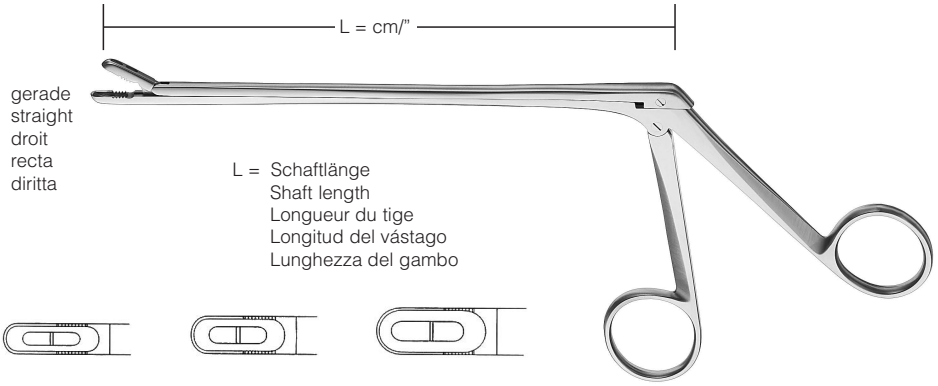


WAGNER
40.458.20



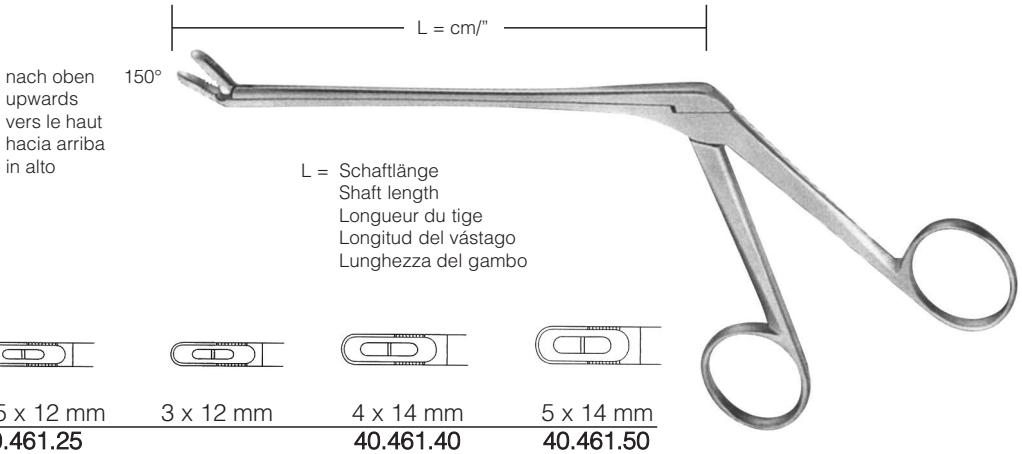
kräftiges Modell
heavy pattern
modèle fort
modelo fuerte
modello rubosto

WAGNER
40.458.21



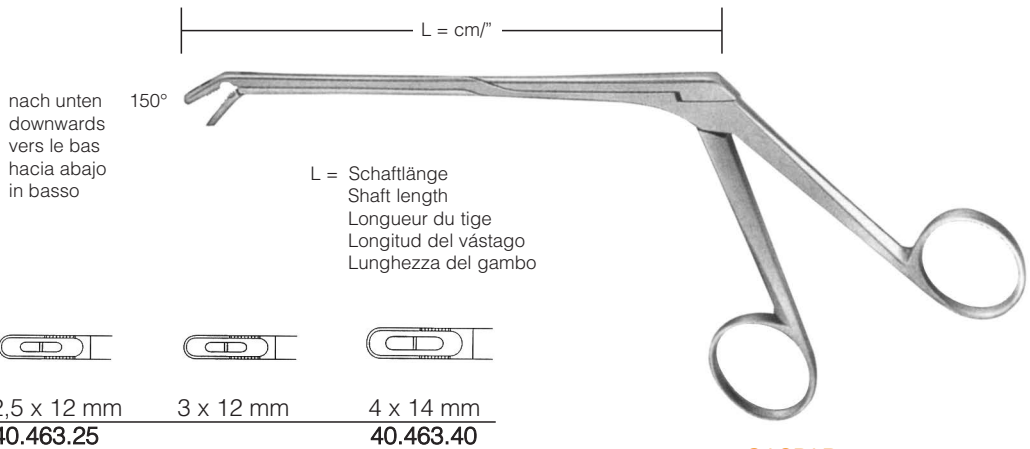
	2 x 12 mm	3 x 12 mm	4 x 14 mm	5 x 14 mm	6 x 16 mm
14 cm/5½"	40.460.20	40.460.30	40.460.40	40.460.50	40.460.60
16 cm/6¼"	40.464.20	40.464.30	40.464.40	40.464.50	40.464.60
18,5 cm/7¼"	40.468.20	40.468.30	40.468.40	40.468.50	40.468.60

CASPAR



	2 x 12 mm	2,5 x 12 mm	3 x 12 mm	4 x 14 mm	5 x 14 mm
14 cm/5½"	40.461.20	40.461.25		40.461.40	40.461.50
16 cm/6¼"	40.465.20	40.465.25		40.465.40	40.465.50
18,5 cm/7¼"			40.469.30	40.469.40	40.469.50

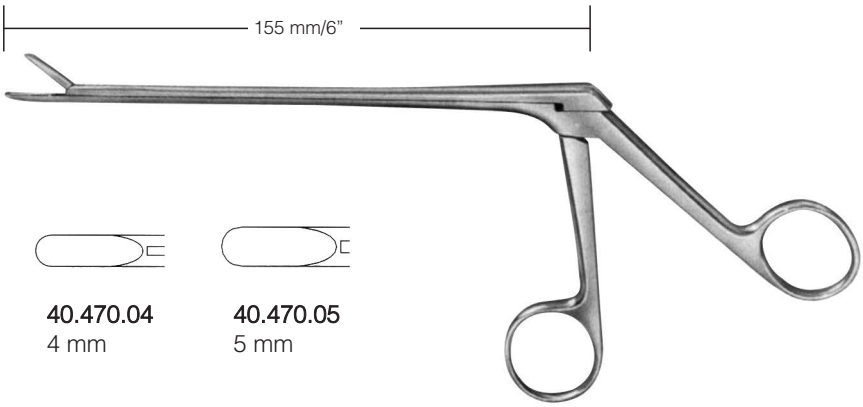
CASPAR



	2 x 12 mm	2,5 x 12 mm	3 x 12 mm	4 x 14 mm
14 cm/5½"	40.463.20	40.463.25		40.463.40
16 cm/6¼"	40.467.20	40.467.25		40.467.40
18,5 cm/7¼"			40.475.30	40.475.40

CASPAR

gerade
straight
droit
recta
diritta



40.470.02
2 mm

40.470.03
3 mm

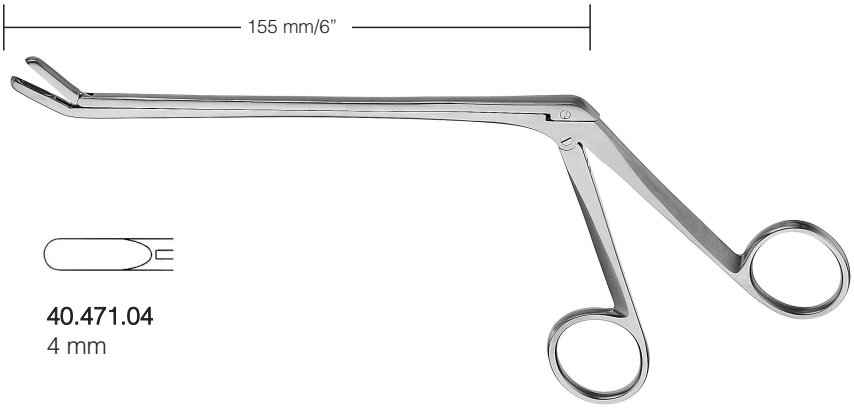
40.470.04
4 mm

40.470.05
5 mm

CASPAR

nach oben
upwards
vers le haut
hacia arriba
in alto

150°





40.471.02
2 mm

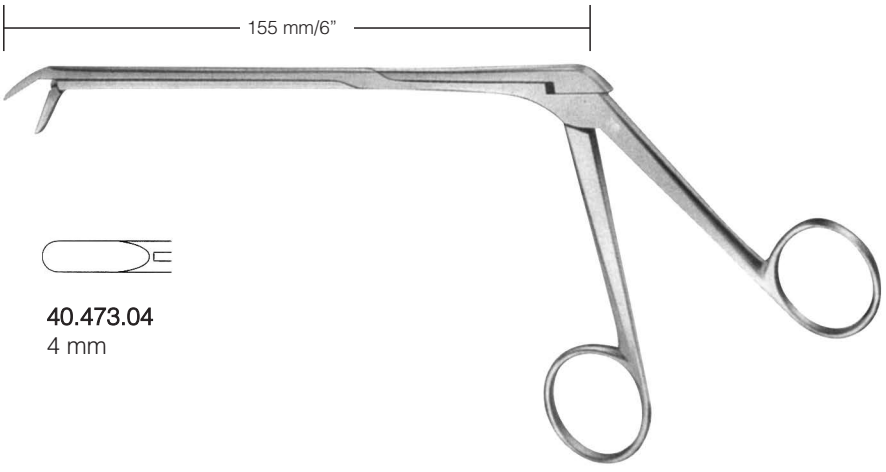
40.471.03
3 mm

40.471.04
4 mm

CASPAR

nach unten
downwards
vers le bas
hacia abajo
in basso

150°



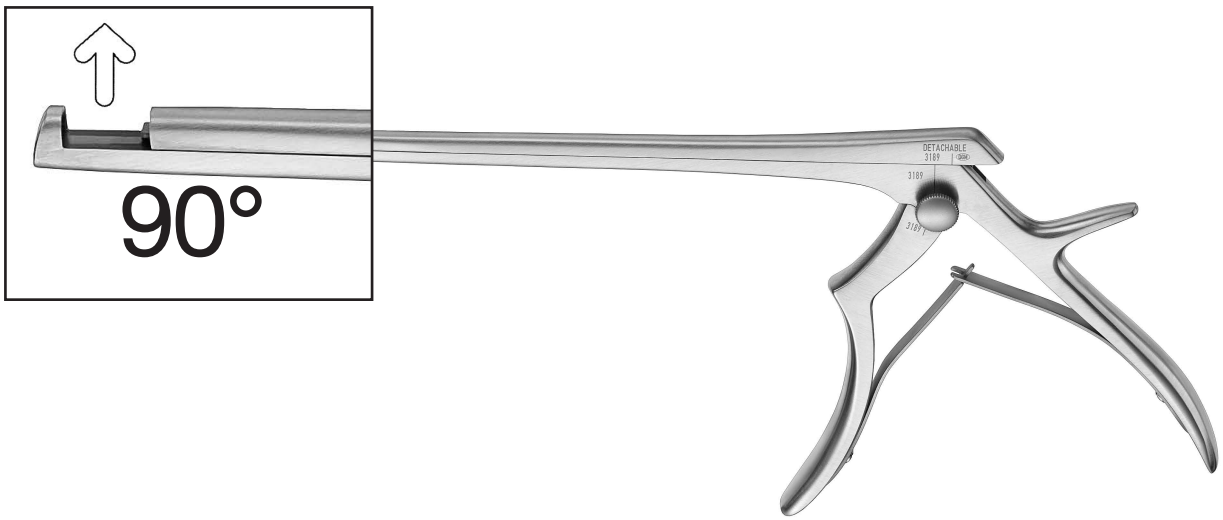


40.473.02
2 mm

40.473.03
3 mm

40.473.04
4 mm

CASPAR



	Maul (mm) Jaw Size (mm) Mors (mm) Boca (mm) Morso (mm)	Standard Standard Standard Estándar Standard	Zerlegbar Dismantable Démontable Desmontable Smontabile	Auswerfer Ejector Éjecteur Expulsor Espulsore	Zerlegbar (**Keramik**) Dismantable (**Ceramic**) Démontable (**Ceramic**) Desmontable (**Cerámica**) Smontabile (**Ceramica**)	Auswerfer Ejector Éjecteur Expulsor Espulsore
180 mm / 7”	1	40.510.01	40.496.01	-	40.496.01C	-
	2	40.510.02	40.496.02	-	40.496.02C	-
	3	40.510.03	40.496.03	☑	40.496.03C	☑
	4	40.510.04	40.496.04	☑	40.496.04C	☑
	5	40.510.05	40.496.05	☑	40.496.05C	☑
	6	40.510.06	40.496.06	☑	40.496.06C	☑
200 mm / 8”	1	40.510.11	40.496.11	-	40.496.11C	-
	2	40.510.12	40.496.12	-	40.496.12C	-
	3	40.510.13	40.496.13	☑	40.496.13C	☑
	4	40.510.14	40.496.14	☑	40.496.14C	☑
	5	40.510.15	40.496.15	☑	40.496.15C	☑
	6	40.510.16	40.496.16	☑	40.496.16C	☑
230 mm / 9”	1	40.510.21				
	2	40.510.22	40.497.02	-	40.497.02C	-
	3	40.510.23	40.497.03	☑	40.497.03C	☑
	4	40.510.24	40.497.04	☑	40.497.04C	☑
	5	40.510.25	40.497.05	☑	40.497.05C	☑
	6	40.510.26	40.497.06	☑	40.497.06C	☑
180 mm / 7”	1	40.510.31	40.496.21	-	40.496.21C	-
	2	40.510.32	40.496.22	-	40.496.22C	-
	3	40.510.33	40.496.23	☑	40.496.23C	☑
	4	40.510.34	40.496.24	☑	40.496.24C	☑
	5	40.510.35	40.496.25	☑	40.496.25C	☑
200 mm / 8”	2	40.510.42	40.496.32	-	40.496.32C	-
	3	40.510.43	40.496.33	☑	40.496.33C	☑
	4	40.510.44	40.496.34	☑	40.496.34C	☑
	5	40.510.45	40.496.35	☑	40.496.35C	☑
	6	40.510.46	40.496.36	☑	40.496.36C	☑
230 mm / 9”	2	40.510.52	40.497.12	-	40.497.12C	-
	3	40.510.53	40.497.13	☑	40.497.13C	☑
	4	40.510.54	40.497.14	☑	40.497.14C	☑
	5	40.510.55	40.497.15	☑	40.497.15C	☑
	6	40.510.56	40.497.16	☑	40.497.16C	☑

dünnfuß

thin
foot plate

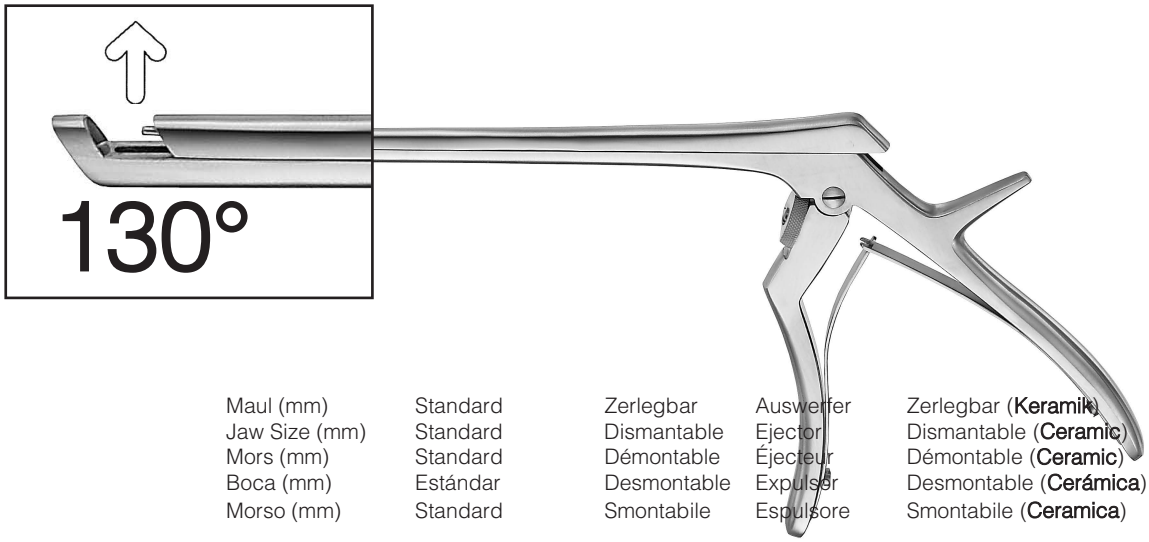
poinçonnage
étroite

punzonar
estrecha

sottile



	Maul (mm) Jaw Size (mm) Mors (mm) Boca (mm) Morso (mm)	Standard Standard Standard Estándar Standard	Zerlegbar Dismantable Démontable Desmontable Smontabile	Auswerfer Ejector Éjecteur Expulsor Espulsore	Zerlegbar (**Keramik**) Dismantable (**Ceramic**) Démontable (**Ceramic**) Desmontable (**Cerámica**) Smontabile (**Ceramica**)	Auswerfer Ejector Éjecteur Expulsor Espulsore
180 mm / 7”	1	40.511.01	40.498.01	-	40.498.01C	-
	2	40.511.02	40.498.02	-	40.498.02C	-
	3	40.511.03	40.498.03	☑	40.498.03C	☑
	4	40.511.04	40.498.04	☑	40.498.04C	☑
	5	40.511.05	40.498.05	☑	40.498.05C	☑
	6	40.511.06	40.498.06	☑	40.498.06C	☑
200 mm / 8”	1	40.499.11	40.498.11	-	40.498.11C	-
	2	40.499.12	40.498.12	-	40.498.12C	-
	3	40.499.13	40.498.13	☑	40.498.13C	☑
	4	40.499.14	40.498.14	☑	40.498.14C	☑
	5	40.499.15	40.498.15	☑	40.498.15C	☑
	6	40.499.16	40.498.16	☑	40.498.16C	☑
230 mm / 9”	2	40.499.42	40.499.02	-	40.499.02C	-
	3	40.499.43	40.499.03	☑	40.499.03C	☑
	4	40.499.44	40.499.04	☑	40.499.04C	☑
	5	40.499.45	40.499.05	☑	40.499.05C	☑
	6	40.499.46	40.499.06	☑	40.499.06C	☑
dünnfuß **thin foot plate** **poinçonnage étroite** **punzonar estrecha** **sottile**						
180 mm / 7”	1	40.499.21	40.498.21	-	40.498.21C	-
	2	40.499.22	40.498.22	-	40.498.22C	-
	3	40.499.23	40.498.23	☑	40.498.23C	☑
	4	40.499.24	40.498.24	☑	40.498.24C	☑
	5	40.499.25	40.498.25	☑	40.498.25C	☑
200 mm / 8”	1	40.499.31	40.498.31	-	40.498.31C	-
	2	40.499.32	40.498.32	-	40.498.32C	-
	3	40.499.33	40.498.33	☑	40.498.33C	☑
	4	40.499.34	40.498.34	☑	40.498.34C	☑
	5	40.499.35	40.498.35	☑	40.498.35C	☑
230 mm / 9”	2	40.499.52	40.498.52	☑	40.498.52C	☑
	3	40.499.53	40.498.53	☑	40.498.53C	☑
	4	40.499.54	40.498.54	☑	40.498.54C	☑
	5	40.499.55	40.498.55	☑	40.498.55C	☑



	Maul (mm) Jaw Size (mm) Mors (mm) Boca (mm) Morso (mm)	Standard Standard Standard Estándar Standard	Zerlegbar Dismantable Démontable Desmontable Smontabile	Auswerfer Ejector Éjecteur Expulsor Espulsore	Zerlegbar (**Keramik**) Dismantable (**Ceramic**) Démontable (**Ceramic**) Desmontable (**Cerámica**) Smontabile (**Ceramica**)	Auswerfer Ejector Éjecteur Expulsor Espulsore
180 mm / 7”	1	40.512.01	40.500.01	-	40.500.01C	-
	2	40.512.02	40.500.02	-	40.500.02C	-
	3	40.512.03	40.500.03	☑	40.500.03C	☑
	4	40.512.04	40.500.04	☑	40.500.04C	☑
	5	40.512.05	40.500.05	☑	40.500.05C	☑
	6	40.512.06	40.500.06	☑	40.500.06C	☑
200 mm / 8”	2	40.511.22	40.501.02	-	40.501.02C	-
	3	40.511.23	40.501.03	☑	40.501.03C	☑
	4	40.511.24	40.501.04	☑	40.501.04C	☑
	5	40.511.25	40.501.05	☑	40.501.05C	☑
	6	40.511.26	40.501.06	☑	40.501.06C	☑
230 mm / 9”	2	40.542.02	40.502.02	-	40.502.02C	-
	3	40.542.03	40.502.03	☑	40.502.03C	☑
	4	40.542.04	40.502.04	☑	40.502.04C	☑
	5	40.542.05	40.502.05	☑	40.502.05C	☑
280 mm / 11”	2 3 4 5 6	40.511.32 40.511.33 40.511.34 40.511.35 40.511.36				
180 mm / 7”	1	40.511.11	40.500.11	-	40.500.11C	-
	2	40.511.12	40.500.12	-	40.500.12C	-
	3	40.511.13	40.500.13	☑	40.500.13C	☑
	4	40.511.14	40.500.14	☑	40.500.14C	☑
	5	40.511.15	40.500.15	☑	40.500.15C	☑
200 mm / 8”	1	40.511.41	40.501.11	-	40.501.11C	-
	2	40.511.42	40.501.12	-	40.501.12C	-
	3	40.511.43	40.501.13	☑	40.501.13C	☑
	4	40.511.44	40.501.14	☑	40.501.14C	☑
	5	40.511.45	40.501.15	☑	40.501.15C	☑
230 mm / 9”	2	40.542.12	40.502.12	-	40.502.12C	-
	3	40.542.13	40.502.13	☑	40.502.13C	☑
	4	40.542.14	40.502.14	☑	40.502.14C	☑
	5	40.542.15	40.502.15	☑	40.502.15C	☑

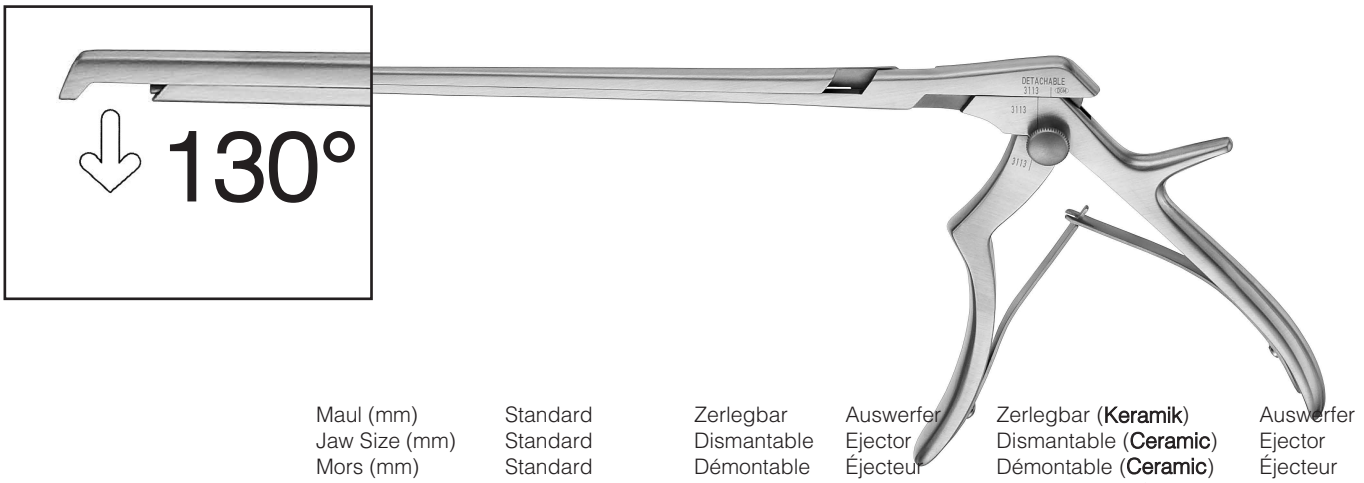
dünnfuß

thin foot plate

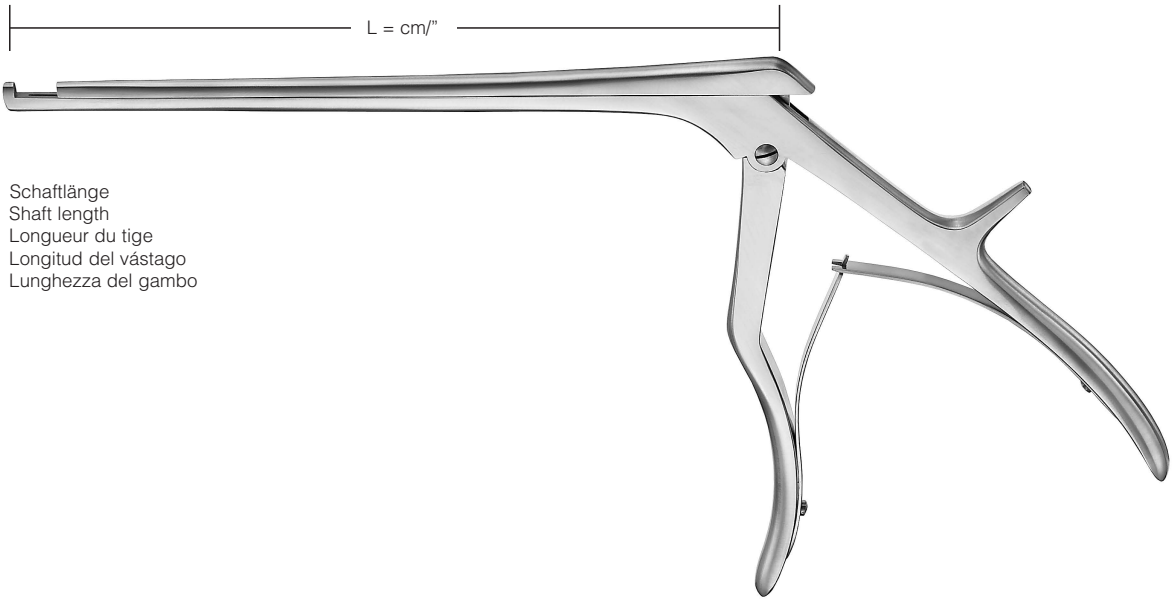
poinçonnage étroite

punzonar estrecha

sottile

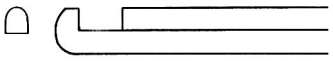


	Maul (mm) Jaw Size (mm) Mors (mm) Boca (mm) Morso (mm)	Standard Standard Standard Estándar Standard	Zerlegbar Dismantable Démontable Desmontable Smontabile	Auswerfer Ejector Éjecteur Expulsor Espulsore	Zerlegbar (**Keramik**) Dismantable (**Ceramic**) Démontable (**Ceramic**) Desmontable (**Cerámica**) Smontabile (**Ceramica**)	Auswerfer Ejector Éjecteur Expulsor Espulsore
180 mm / 7”	1	**40.514.01**	**40.503.01**	-	**40.503.01C**	-
	2	**40.514.02**	**40.503.02**	-	**40.503.02C**	-
	3	**40.514.03**	**40.503.03**	☑	**40.503.03C**	☑
	4	**40.514.04**	**40.503.04**	☑	**40.503.04C**	☑
	5	**40.514.05**	**40.503.05**	☑	**40.503.05C**	☑
200 mm / 8”	1	**40.514.21**	**40.503.21**	-	**40.503.21C**	-
	2	**40.514.22**	**40.503.22**	-	**40.503.22C**	-
	3	**40.514.23**	**40.503.23**	☑	**40.503.23C**	☑
	4	**40.514.24**	**40.503.24**	☑	**40.503.24C**	☑
	5	**40.514.25**	**40.503.25**	☑	**40.503.25C**	☑
	6	**40.514.26**	**40.503.26**	☑	**40.503.26C**	☑
230 mm / 9”	2	**40.543.02**	**40.504.02**	-	**40.504.02C**	-
	3	**40.543.03**	**40.504.03**	☑	**40.504.03C**	☑
	4	**40.543.04**	**40.504.04**	☑	**40.504.04C**	☑
	5	**40.543.05**	**40.504.05**	☑	**40.504.05C**	☑
	6	**40.543.06**	**40.504.06**	☑	**40.504.06C**	☑
180 mm / 7”	1	**40.514.11**	**40.503.11**	-	**40.503.11C**	-
	2	**40.514.12**	**40.503.12**	-	**40.503.12C**	-
dünnfuß	3	**40.514.13**	**40.503.13**	☑	**40.503.13C**	☑
	4	**40.514.14**	**40.503.14**	☑	**40.503.14C**	☑
thin foot plate	5	**40.514.15**	**40.503.15**	☑	**40.503.15C**	☑
200 mm / 8”	1	**40.514.31**	**40.503.31**	-	**40.503.31C**	-
	2	**40.514.32**	**40.503.32**	-	**40.503.32C**	-
poinçonnage étroite	3	**40.514.33**	**40.503.33**	☑	**40.503.33C**	☑
	4	**40.514.34**	**40.503.34**	☑	**40.503.34C**	☑
punzonar estrecha	5	**40.514.35**	**40.503.35**	☑	**40.503.35C**	☑
230 mm / 9”	2	**40.543.12**	**40.504.12**	-	**40.504.12C**	-
	3	**40.543.13**	**40.504.13**	☑	**40.504.13C**	☑
sottile	4	**40.543.14**	**40.504.14**	☑	**40.504.14C**	☑
	5	**40.543.15**	**40.504.15**	☑	**40.504.15C**	☑

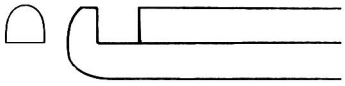


L = Schaftlänge
Shaft length
Longueur du tige
Longitud del vástago
Lunghezza del gambo

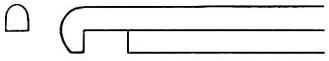
COLCLOUGH



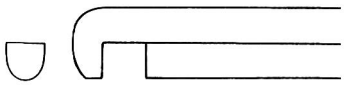
3 mm	
15 cm/6”	**40.520.03**
20 cm/8”	**40.522.03**



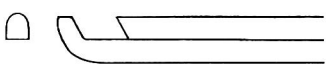
5 mm	
15 cm/6”	**40.520.05**
20 cm/8”	**40.522.05**



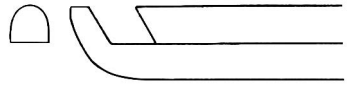
3 mm	
15 cm/6”	**40.524.03**
20 cm/8”	**40.526.03**



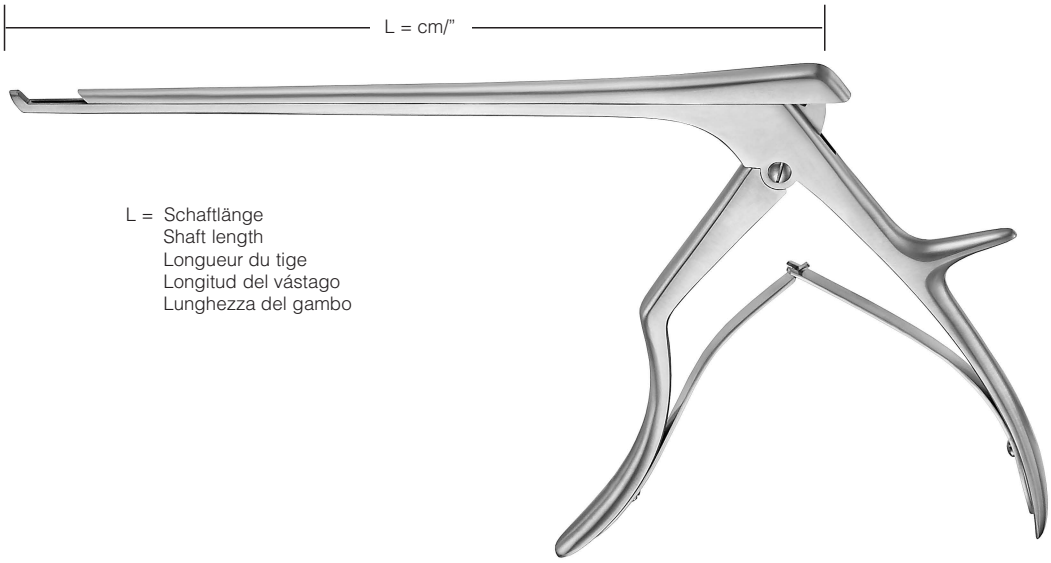
5 mm	
15 cm/6”	**40.524.05**
20 cm/8”	**40.526.05**



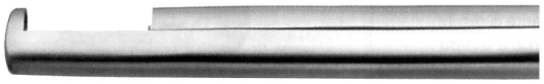
3 mm	
15 cm/6”	**40.527.03**
20 cm/8”	**40.529.03**



5 mm	
15 cm/6”	**40.527.05**
20 cm/8”	**40.529.05**



SCHLESINGER



	15 cm/6”	20 cm/8”
3 mm	**40.530.03**	**40.532.03**
5 mm	**40.530.05**	**40.532.05**

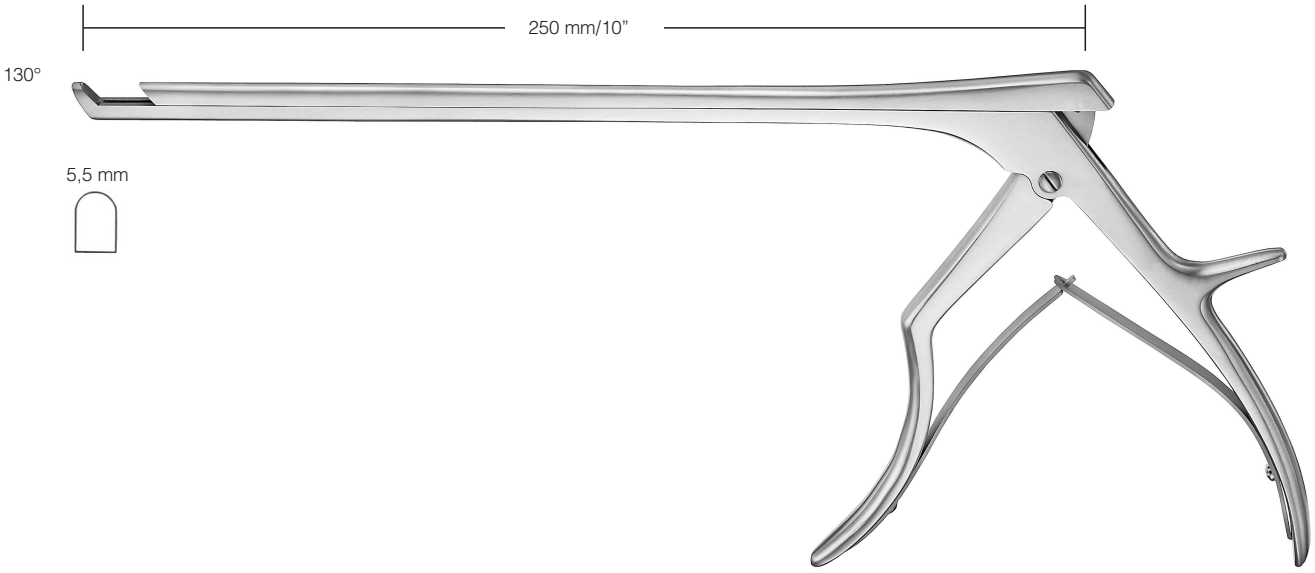


	15 cm/6”	20 cm/8”
3 mm	**40.534.03**	**40.536.03**
5 mm	**40.534.05**	**40.536.05**

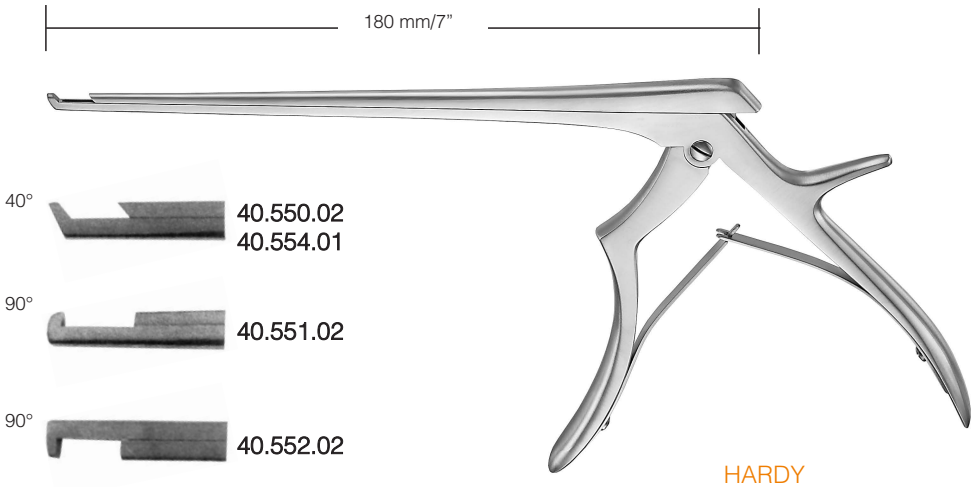
40°



	15 cm/6”	20 cm/8”
3 mm	**40.538.03**	**40.540.03**
5 mm	**40.538.05**	**40.540.05**

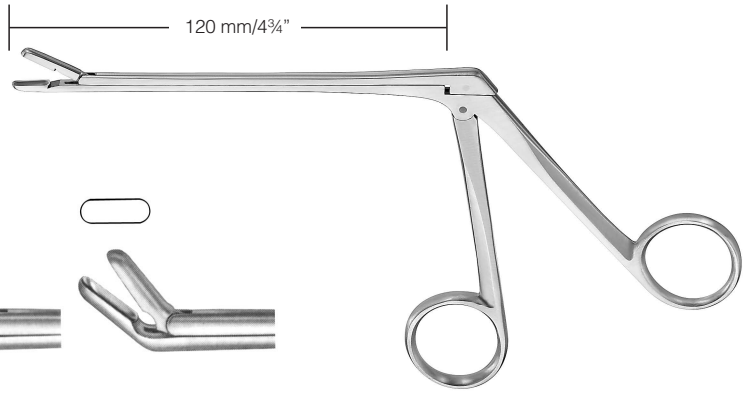


SYPERT
40.546.55



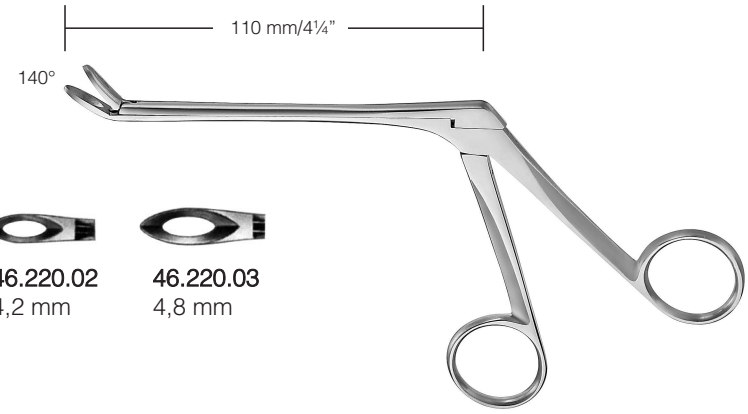
HARDY

1 mm	40°	**40.554.01**
2 mm	40°	**40.550.02**
2 mm	90°	**40.551.02**
2 mm	90°	**40.552.02**
2 mm	40°	**40.553.02**



2 x 10 mm	**46.175.02**	
3 x 10 mm	**46.175.03**	**46.175.04**
	gerade straight droit recta diritta	nach oben upwards vers le haut hacia arriba in alto

TAKAHASHI
19 cm/7½”

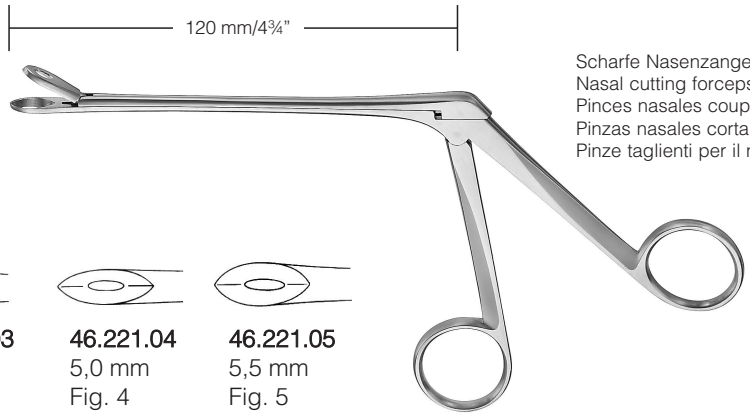


46.220.01
3,6 mm

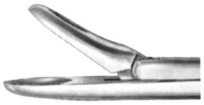
46.220.02
4,2 mm

46.220.03
4,8 mm

WEIL-BLAKESLEY
18 cm/7”



Scharfe Nasenzangen
Nasal cutting forceps
Pinces nasales coupantes
Pinzas nasales cortantes
Pinze taglienti per il naso

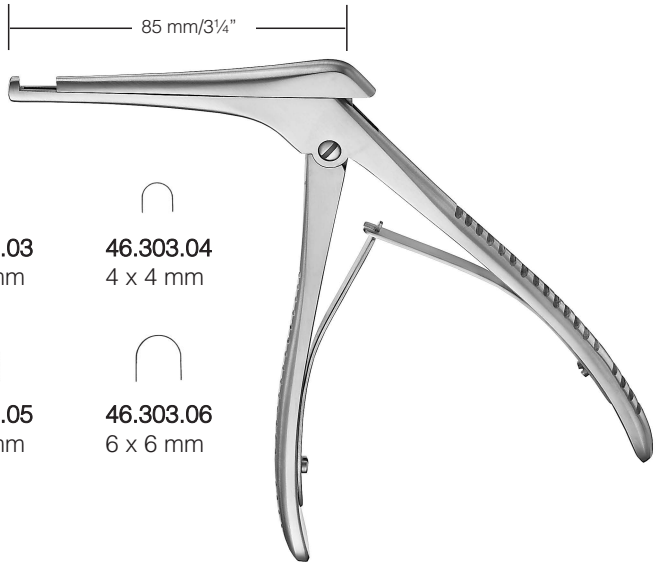




46.221.01	**46.221.02**	**46.221.03**	**46.221.04**	**46.221.05**
3,0 mm	3,5 mm	4,5 mm	5,0 mm	5,5 mm
Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5

WEIL-BLAKESLEY
19 cm/7½”

oben schneidend
up cutting
tranchant en haut
cortante por arriba
tagliente in alto



46.303.03
3 x 3 mm

46.303.04
4 x 4 mm

46.303.05
5 x 5 mm

46.303.06
6 x 6 mm

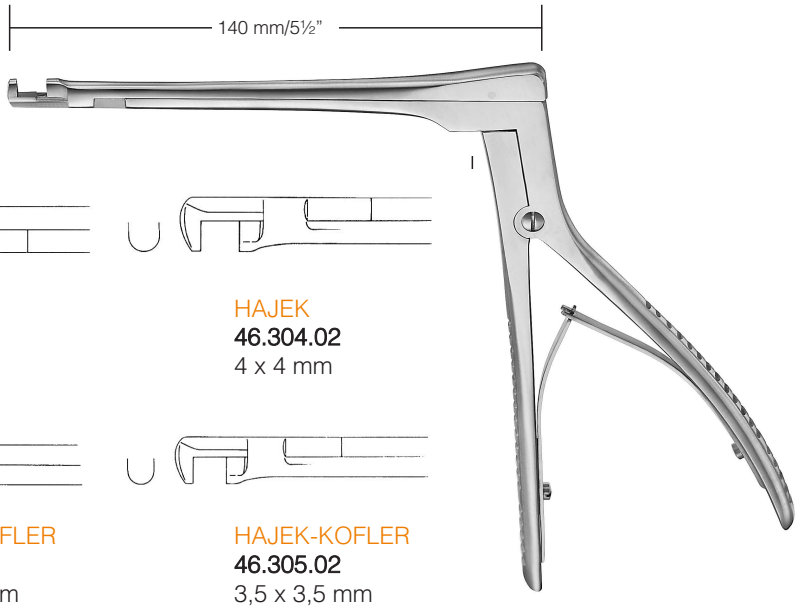
KERRISON
17 cm/6¾”

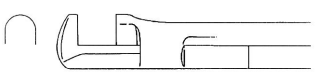


CITELLI

1,0 mm	**46.311.10**
2,5 mm	**46.311.25**
4,0 mm	**46.311.40**

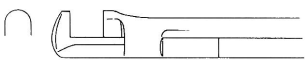
Keilbeinstanzen
Sphenoid bone punches
Pinces emporte-pièces pour sinus sphénoïdal
Pinzas sacabocadas para esfenoides
Pinze taglienti per seno sfenoidale





HAJEK
46.304.01
4 x 4 mm

HAJEK
46.304.02
4 x 4 mm



HAJEK-KOFLER
46.305.01
3,5 x 3,5 mm

HAJEK-KOFLER
46.305.02
3,5 x 3,5 mm



BEYER
46.315.20

17

ANEURYSMEN - GEFÄß CLIPS

ANEURYSM - VESSEL CLIPS

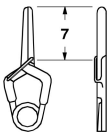
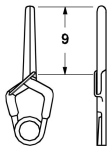
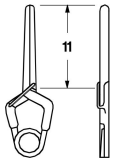
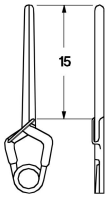
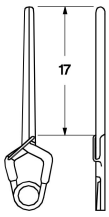
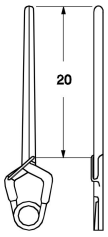
ANEURYSM - CLIPS VASCULAIRES

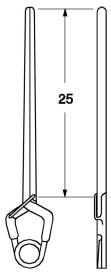
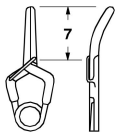
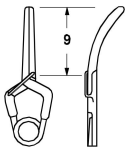
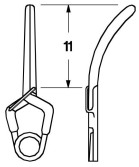
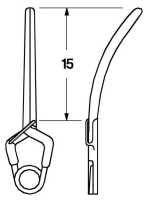
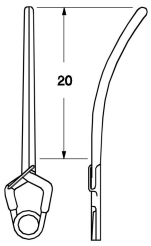
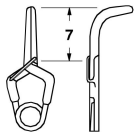
ANEURYSM - CLIPS VASCULARES

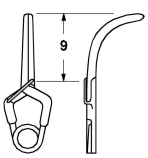
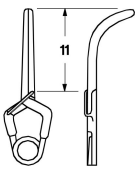
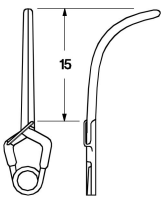
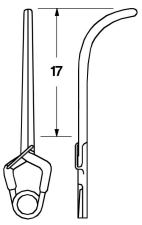
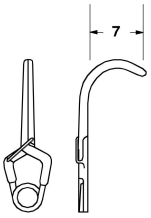
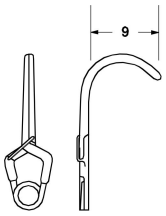
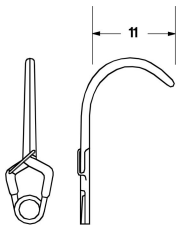
ANEURYSM - CLIPS VASCOLARI

STANDARD

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

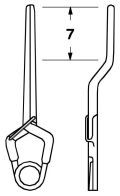
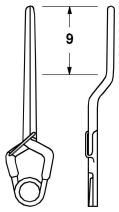
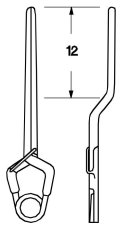
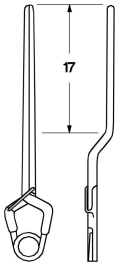
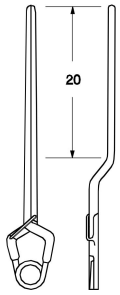
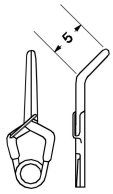
Titan / Titanium	40.920.63	40.920.71	40.920.79	40.920.93	40.760.93	40.770.91
PHYNOX	40.920.62	40.920.70	40.920.78	40.920.92	40.760.92	40.770.90
						
Öffnung/max. opening	6,2 mm	7,0 mm	7,8 mm	9,2 mm	10,6 mm	11,4 mm
Druck / Force	150 gms	180 gms	180 gms	200 gms	200 gms	200 gms

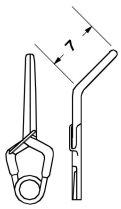
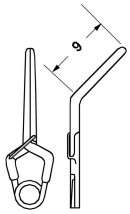
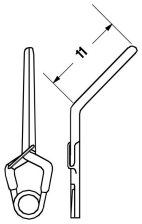
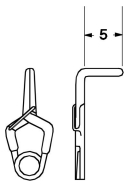
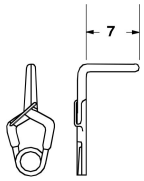
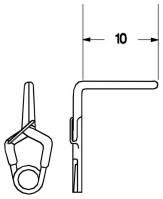
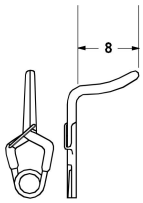
40.780.41	40.922.61	40.922.69	40.922.76	40.920.88	40.920.11	40.924.56
40.780.40	40.922.60	40.922.68	40.742.98	40.920.87	40.920.10	40.924.55
						
13,3 mm	6,0 mm	6,8 mm	7,5 mm	8,7 mm	11,0 mm	5,5 mm
200 gms	150 gms	180 gms	180 gms	200 gms	200 gms	150 gms

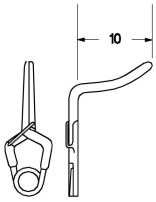
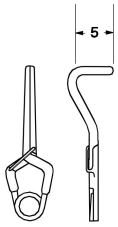
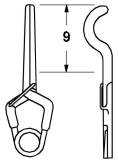
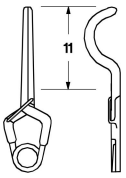
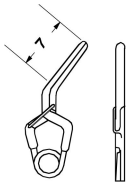
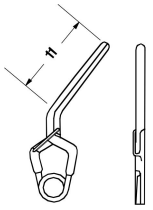
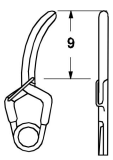
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40.924.61	40.924.65	40.920.73	40.920.99	40.924.54	40.924.58	40.924.63
						
6,1 mm	6,5 mm	7,4 mm	9,9 mm	5,4 mm	5,8 mm	6,2 mm
180 gms	180 gms	200 gms	200 gms	180 gms	180 gms	180 gms

STANDARD

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

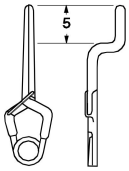
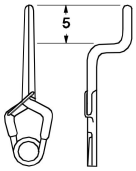
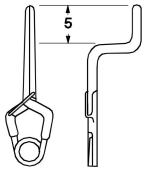
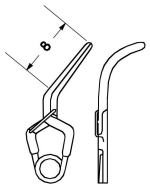
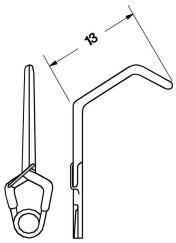
Titan / Titanium	40.922.80	40.922.88	40.728.70	40.920.20	40.920.31	40.561.63
PHYNOX	40.922.79	40.922.87	40.728.69	40.920.19	40.920.30	40.561.62
						
Öffnung/max. opening	7,9 mm	8,7 mm	10,2 mm	11,9 mm	13,0 mm	6,2 mm
Druck / Force	200 gms	200 gms	200 gms	180 gms	180 gms	200 gms

40.561.66	40.561.79	40.920.85	40.920.56	40.920.58	40.920.52	40.780.55
40.561.65	40.561.78	40.920.84	40.920.55	40.920.57	40.920.51	40.780.54
						
6,5 mm	7,8 mm	8,4 mm	5,6 mm	5,6 mm	5,6 mm	5,4 mm
200 gms	200 gms	200 gms	200 gms	200 gms	200 gms	200 gms

40.780.57	40.924.76	40.924.80	40.924.83	40.726.57	40.920.81	40.727.48
40.780.56	40.924.75	40.924.79	40.924.82	40.726.56	40.920.80	40.727.47
						
5,6 mm	7,2 mm	7,2 mm	8,2 mm	5,7 mm	8,0 mm	6,2 mm
200 gms	200 gms	200 gms	200 gms	200 gms	200 gms	200 gms

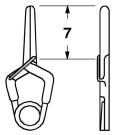
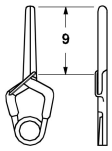
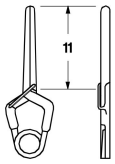
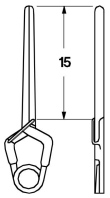
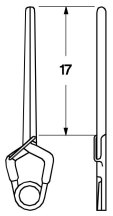
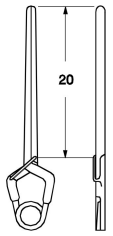
STANDARD

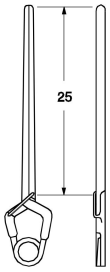
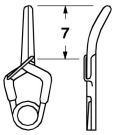
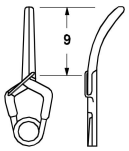
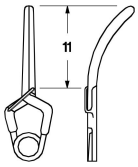
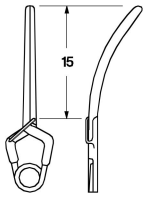
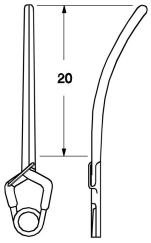
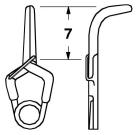
für permanenten Verschluss
for permanent closure
pour la fermeture permanente
para el cierre permanente
per la chiusura permanente

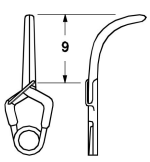
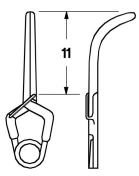
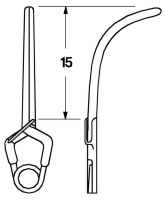
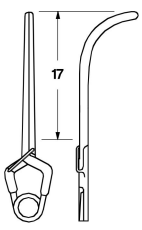
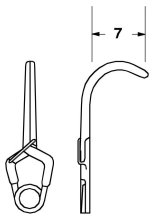
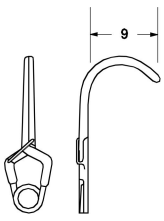
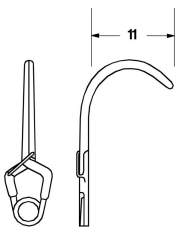
Titan / Titanium	40.724.26	40.724.36	40.724.46	40.724.56	40.920.76
PHYNOX	40.724.25	40.724.35	40.724.45	40.724.55	40.920.75
	Stufenhöhe 2,5 mm Height of step 2,5 mm	Stufenhöhe 3,5 mm Height of step 3,5 mm	Stufenhöhe 4,5 mm Height of step 4,5 mm		
					
Öffnung/max. opening	8,0 mm	8,0 mm	8,0 mm	6,5 mm	7,5 mm
Druck / Force	200 gms	200 gms	200 gms	180 gms	200 gms

STANDARD

für temporären Verschluss
for temporary closure
pour la fermeture temporaire
para el cierre temporal
per la chiusura temporaneo

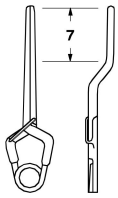
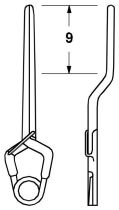
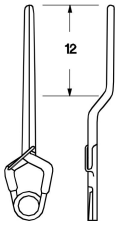
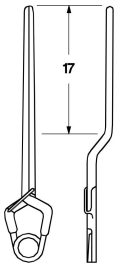
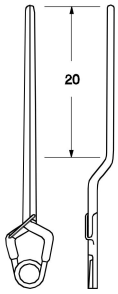
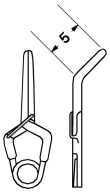
Titan / Titanium	40.731.63	40.731.71	40.731.79	40.731.93	40.731.07	40.731.15
PHYNOX	40.731.62	40.731.70	40.731.78	40.731.92	40.731.06	40.731.14
						
Öffnung/max. opening	6,2 mm	7,0 mm	7,8 mm	9,2 mm	10,6 mm	11,4 mm
Druck / Force	110 gms	90 gms	90 gms	90 gms	90 gms	110 gms

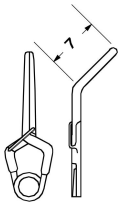
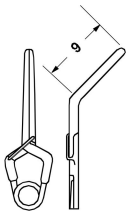
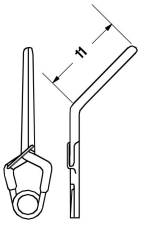
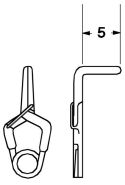
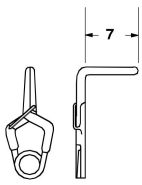
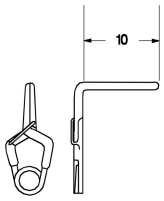
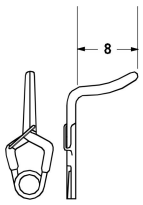
40.731.34	40.731.61	40.731.69	40.753.92	40.731.88	40.763.12	40.731.56
40.731.33	40.731.60	40.731.68	40.753.91	40.731.87	40.763.11	40.731.55
						
13,3 mm	6,0 mm	6,8 mm	7,5 mm	8,7 mm	11,0 mm	5,5 mm
110 gms	110 gms	90 gms	90 gms	110 gms	90 gms	110 gms

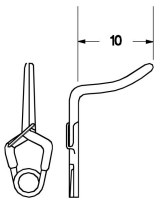
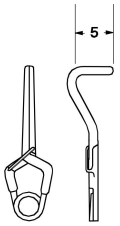
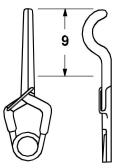
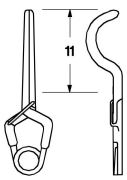
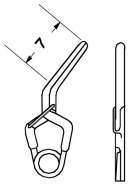
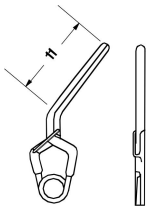
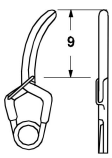
40.733.62	40.731.66	40.731.75	40.731.00	40.732.55	40.732.59	40.732.63
40.733.61	40.731.65	40.731.74	40.731.99	40.732.54	40.732.58	40.732.62
						
6,1 mm	6,5 mm	7,4 mm	9,9 mm	5,4 mm	5,8 mm	6,2 mm
110 gms	110 gms	110 gms	90 gms	110 gms	110 gms	110 gms

STANDARD

für temporären Verschluss
for temporary closure
pour la fermeture temporaire
para el cierre temporal
per la chiusura temporaneo

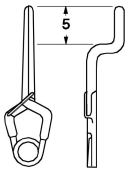
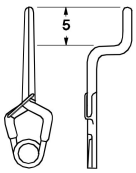
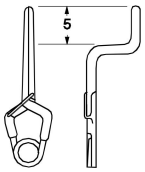
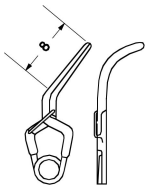
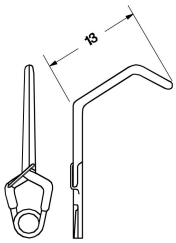
Titan / Titanium	40.732.80	40.732.88	40.731.03	40.731.20	40.731.31	40.734.63
PHYNOX	40.732.79	40.732.87	40.731.02	40.731.19	40.731.30	40.734.62
						
Öffnung/max. opening	7,9 mm	8,7 mm	10,2 mm	11,9 mm	13,0 mm	6,2 mm
Druck / Force	90 gms	90 gms	90 gms	90 gms	90 gms	110 gms

40.577.66	40.573.79	40.731.85	40.731.51	40.732.71	40.731.11	40.733.55
40.577.65	40.573.78	40.731.84	40.731.50	40.732.70	40.731.10	40.733.54
						
6,5 mm	7,8 mm	8,4 mm	5,6 mm	5,6 mm	5,6 mm	5,4 mm
110 gms	110 gms	110 gms	130 gms	130 gms	130 gms	130 gms

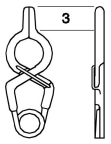
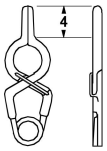
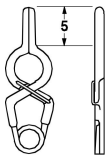
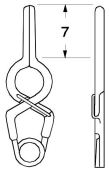
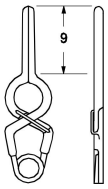
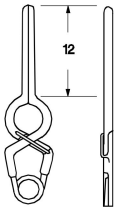
40.733.57	40.732.73	40.734.73	40.731.83	40.731.58	40.731.81	40.731.91
40.733.56	40.732.72	40.734.72	40.731.82	40.731.57	40.731.80	40.731.90
						
5,6 mm	7,2 mm	7,2 mm	8,2 mm	5,7 mm	8,0 mm	6,2 mm
130 gms	90 gms	90 gms	90 gms	90 gms	90 gms	90 gms

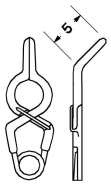
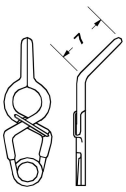
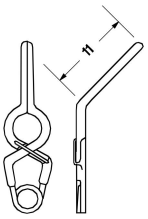
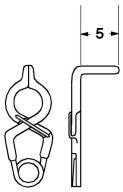
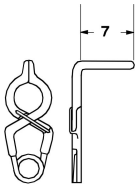
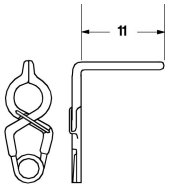
STANDARD

für temporären Verschluss
for temporary closure
pour la fermeture temporaire
para el cierre temporal
per la chiusura temporaneo

Titan / Titanium	40.735.26	40.735.36	40.735.46	40.735.51	40.732.76
PHYNOX	40.735.25	40.735.35	40.735.45	40.735.55	40.732.75
	Stufenhöhe 2,5 mm Height of step 2,5 mm 	Stufenhöhe 3,5 mm Height of step 3,5 mm 	Stufenhöhe 4,5 mm Height of step 4,5 mm 		
Öffnung/max. opening	8,0 mm	8,0 mm	8,0 mm	6,5 mm	7,5 mm
Druck / Force	90 gms	90 gms	90 gms	90 gms	90 gms

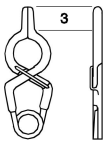
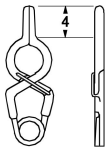
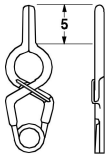
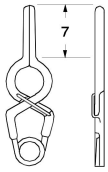
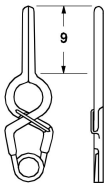
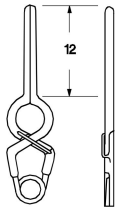
für permanenten Verschluss, gefenstert 3,5 mm
for permanent closure, fenestrated 3,5 mm
pour la fermeture permanente, fenêtré 3,5 mm
para el cierre permanente, fenestrado 3,5 mm
per la chiusura permanente, fenestrato 3,5 mm

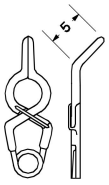
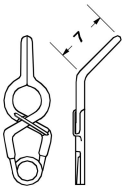
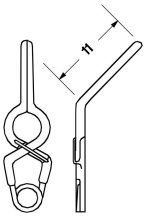
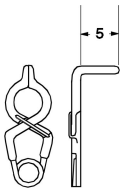
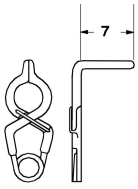
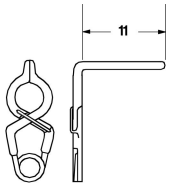
Titan / Titanium	40.563.75	40.564.75	40.565.75	40.560.12	40.560.15	40.560.18
PHYNOX	40.563.74	40.564.74	40.565.74	40.560.11	40.560.14	40.560.17
						
Öffnung/max. opening	7,4 mm	7,4 mm	7,4 mm	7,4 mm	8,4 mm	9,6 mm
Druck / Force	150 gms	150 gms	150 gms	150 gms	150 gms	180 gms

40.561.10	40.561.12	40.561.15	40.562.10	40.562.13	40.562.15
40.561.09	40.561.11	40.561.14	40.562.09	40.562.12	40.562.14
					
5,8 mm	6,5 mm	7,2 mm	4,9 mm	4,9 mm	4,9 mm
150 gms	150 gms	180 gms	150 gms	150 gms	180 gms

STANDARD

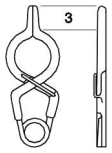
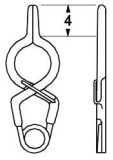
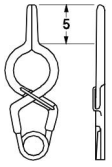
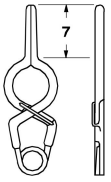
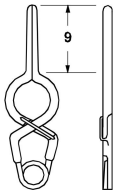
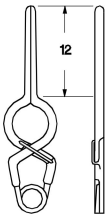
für temporären Verschluss, gefenstert 3,5 mm
for temporary closure, fenestrated 3,5 mm
pour la fermeture temporaire, fenêtré 3,5 mm
para el cierre temporal, fenestrado 3,5 mm
per la chiusura temporaneo, fenestrato 3,5 mm

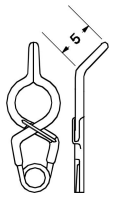
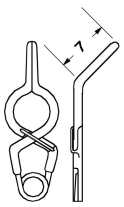
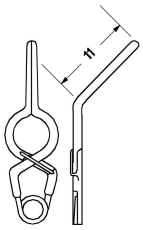
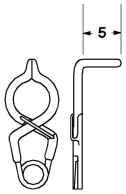
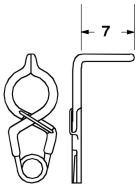
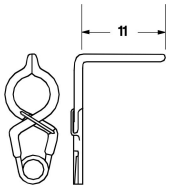
Titan / Titanium	40.731.38	40.731.48	40.734.58	40.732.78	40.573.85	40.573.97
PHYNOX	40.731.37	40.731.47	40.734.57	40.732.77	40.573.84	40.573.96
						
Öffnung/max. opening	7,4 mm	7,4 mm	7,4 mm	7,4 mm	8,4 mm	9,6 mm
Druck / Force	110 gms	110 gms	110 gms	110 gms	110 gms	90 gms

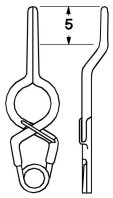
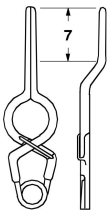
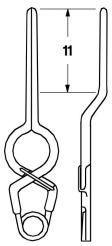
40.734.66	40.573.66	40.573.73	40.735.50	40.577.50	40.574.50
40.734.65	40.573.65	40.573.72	40.735.49	40.577.49	40.574.49
					
5,8 mm	6,5 mm	7,2 mm	4,9 mm	4,9 mm	4,9 mm
110 gms	110 gms	110 gms	110 gms	110 gms	110 gms

STANDARD

für permanenten Verschluss, gefenstert 5,0 mm
for permanent closure, fenestrated 5,0 mm
pour la fermeture permanente, fenêtré 5,0 mm
para el cierre permanente, fenestrado 5,0 mm
per la chiusura permanente, fenestrato 5,0 mm

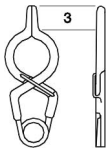
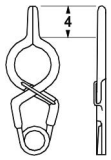
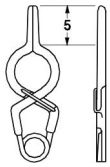
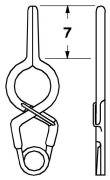
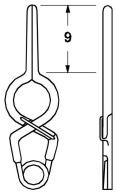
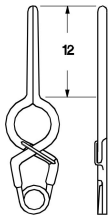
Titan / Titanium	40.564.31	40.564.41	40.564.51	40.564.13	40.564.16	40.564.19
PHYNOX	40.564.30	40.564.40	40.564.50	40.564.12	40.564.15	40.564.18
						
Öffnung/max. opening	7,4 mm	7,4 mm	7,4 mm	7,9 mm	9,1 mm	10,3 mm
Druck / Force	150 gms	150 gms	150 gms	150 gms	150 gms	180 gms

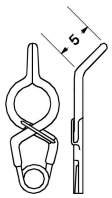
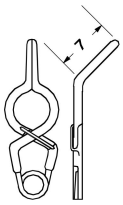
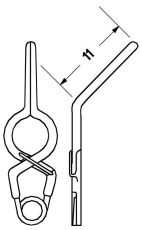
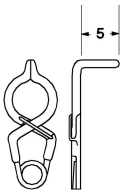
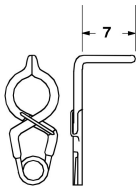
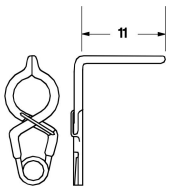
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40.565.10	40.565.13	40.565.15	40.566.11	40.566.13	40.566.16
					
6,5 mm	7,2 mm	7,8 mm	5,5 mm	5,5 mm	5,5 mm
150 gms	150 gms	180 gms	150 gms	150 gms	180 gms

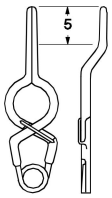
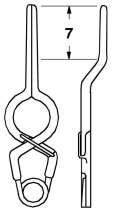
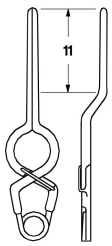
40.568.15	40.568.18	40.568.20
40.568.14	40.568.17	40.568.19
		
7,9 mm	8,8 mm	10,0 mm
150 gms	150 gms	180 gms

STANDARD

für temporären Verschluss, gefenstert 5,0 mm
for temporary closure, fenestrated 5,0 mm
pour la fermeture temporaire, fenêtré 5,0 mm
para el cierre temporal, fenestrado 5,0 mm
per la chiusura temporaneo, fenestrato 5,0 mm

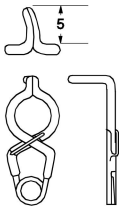
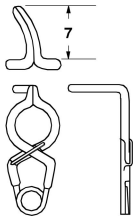
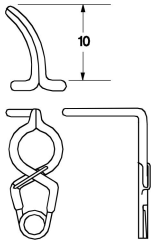
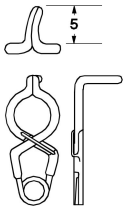
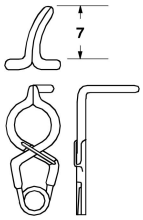
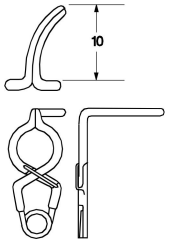
Titan / Titanium	40.573.75	40.574.75	40.575.75	40.577.75	40.579.92	40.572.04
PHYNOX	40.573.74	40.574.74	40.575.74	40.577.74	40.579.91	40.572.03
						
Öffnung/max. opening	7,4 mm	7,4 mm	7,4 mm	7,9 mm	9,1 mm	10,3 mm
Druck / Force	110 gms	110 gms	110 gms	110 gms	110 gms	90 gms

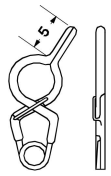
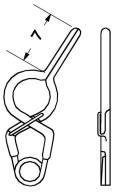
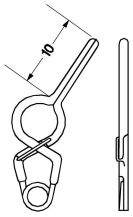
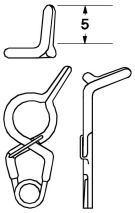
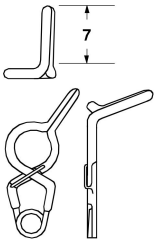
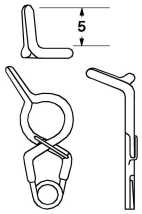
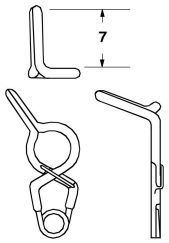
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40.575.65	40.577.72	40.571.78	40.575.55	40.577.55	40.571.55
					
6,5 mm	7,2 mm	7,8 mm	5,5 mm	5,5 mm	5,5 mm
110 gms	110 gms	110 gms	110 gms	110 gms	90 gms

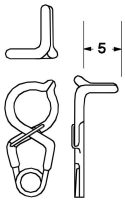
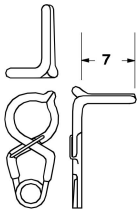
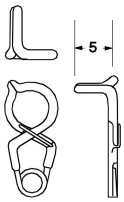
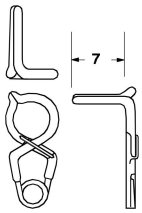
40.575.80	40.577.89	40.571.01
40.575.79	40.577.88	40.571.00
		
7,9 mm	8,8 mm	10,0 mm
90 gms	90 gms	90 gms

STANDARD

für permanenten Verschluss, gefenstert 5,0 mm
for permanent closure, fenestrated 5,0 mm
pour la fermeture permanente, fenêtré 5,0 mm
para el cierre permanente, fenestrado 5,0 mm
per la chiusura permanente, fenestrato 5,0 mm

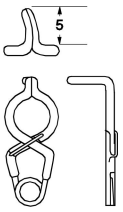
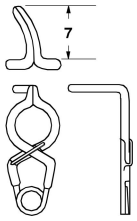
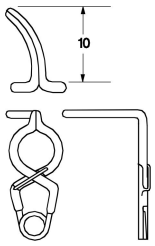
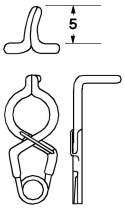
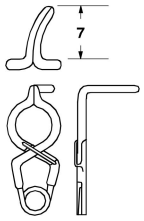
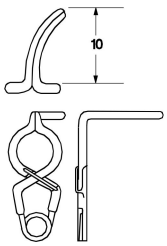
Titan / Titanium	40.724.59	40.727.59	40.721.59	40.755.59	40.757.59	40.751.59
PHYNOX	40.724.58	40.727.58	40.721.58	40.755.58	40.757.58	40.751.58
						
Öffnung/max. opening	5,8 mm	5,8 mm	5,8 mm	5,8 mm	5,8 mm	5,8 mm
Druck / Force	150 gms	150 gms	150 gms	150 gms	150 gms	150 gms

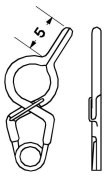
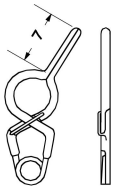
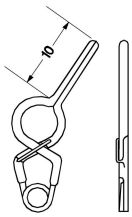
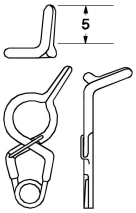
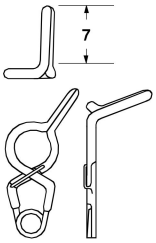
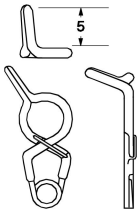
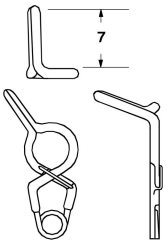
40.785.71	40.787.79	40.781.89	40.785.59	40.787.63	40.786.59	40.788.63
40.785.70	40.787.78	40.781.88	40.785.58	40.787.62	40.786.58	40.788.62
						
7,0 mm	7,8 mm	8,8 mm	5,8 mm	6,2 mm	5,8 mm	6,2 mm
150 gms	150 gms	150 gms	150 gms	150 gms	150 gms	150 gms

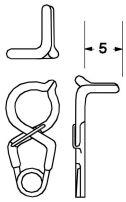
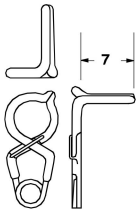
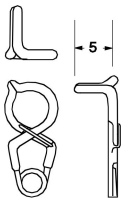
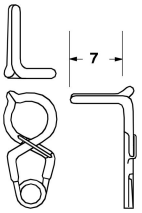
40.785.57	40.787.57	40.786.57	40.789.57
40.785.56	40.787.56	40.786.56	40.789.56
			
5,6 mm	5,6 mm	5,6 mm	5,6 mm
150 gms	150 gms	150 gms	150 gms

STANDARD

für temporären Verschluss, gefenstert 5,0 mm
for temporary closure, fenestrated 5,0 mm
pour la fermeture temporaire, fenêtré 5,0 mm
para el cierre temporal, fenestrado 5,0 mm
per la chiusura temporaneo, fenestrato 5,0 mm

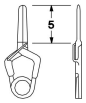
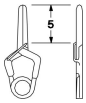
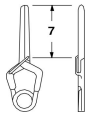
Titan / Titanium	40.735.59	40.737.59	40.730.59	40.745.59	40.747.59	40.740.59
PHYNOX	40.735.52	40.737.58	40.730.58	40.745.58	40.747.58	40.740.58
						
Öffnung/max. opening	5,8 mm	5,8 mm	5,8 mm	5,8 mm	5,8 mm	5,8 mm
Druck / Force	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms

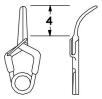
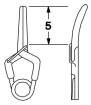
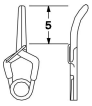
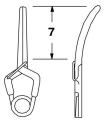
40.735.71	40.737.79	40.730.89	40.736.59	40.737.63	40.735.42	40.739.63
40.735.70	40.737.78	40.730.88	40.736.58	40.737.62	40.735.41	40.739.62
						
7,0 mm	7,8 mm	8,8 mm	5,8 mm	6,2 mm	5,8 mm	6,2 mm
110 gms	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms

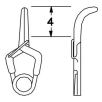
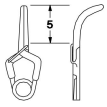
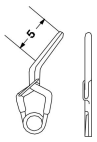
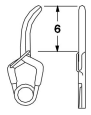
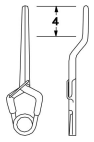
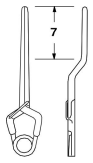
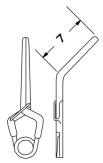
40.735.57	40.737.57	40.736.57	40.739.57
40.735.56	40.737.56	40.736.56	40.739.56
			
5,6 mm	5,6 mm	5,6 mm	5,6 mm
110 gms	110 gms	110 gms	110 gms

MINI

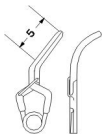
für permanenten Verschluss
for permanent closure
pour la fermeture permanente
para el cierre permanente
per la chiusura permanente

Titan / Titanium	40.570.31	40.580.36	40.690.31	40.692.36	40.710.41	40.572.31
PHYNOX	40.570.30	40.580.35	40.690.30	40.692.35	40.710.40	40.572.30
						
Öffnung/max. opening	3,3 mm	4,0 mm	3,3 mm	4,0 mm	4,6 mm	3,2 mm
Druck / Force	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms

40.584.39	40.582.32	40.694.38	40.694.37	40.694.41	40.712.39	40.584.37
40.584.38	40.582.31	40.694.35	40.694.36	40.694.40	40.712.38	40.584.36
						
3,8 mm	3,6 mm	3,8 mm	3,6 mm	4,0 mm	4,4 mm	3,6 mm
110 gms	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms

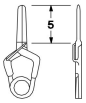
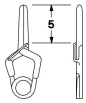
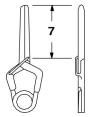
40.694.32	40.715.41	40.698.31	40.698.61	40.698.71	40.697.14	40.766.41
40.694.31	40.715.40	40.698.30	40.698.60	40.698.70	40.697.13	40.766.40
						
3,5 mm	4,0 mm	3,5 mm	6,0 mm	7,0 mm	5,7 mm	4,5 mm
110 gms	110 gms	130 gms	130 gms	130 gms	130 gms	130 gms

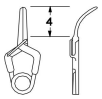
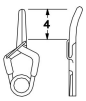
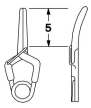
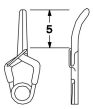
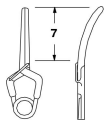
für permanenten Verschluss
for permanent closure
pour la fermeture permanente
para el cierre permanente
per la chiusura permanente

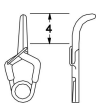
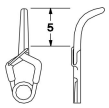
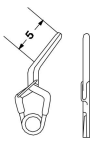
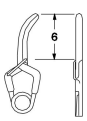
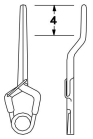
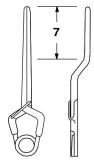
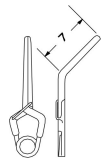
Titan / Titanium	40.698.66
PHYNOX	40.698.65
	
Öffnung/max. opening	4,0 mm
Druck / Force	130 gms

MINI

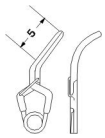
für temporären Verschluss
for temporary closure
pour la fermeture temporaire
para el cierre temporal
per la chiusura temporaneo

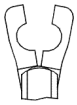
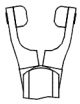
Titan / Titanium	40.573.34	40.575.41	40.571.34	40.693.36	40.697.47	40.573.31
PHYNOX	40.573.33	40.575.40	40.571.33	40.693.35	40.697.46	40.573.30
						
Öffnung/max. opening	3,3 mm	4,0 mm	3,3 mm	4,0 mm	4,6 mm	3,2 mm
Druck / Force	90 gms	70 gms	90 gms	70 gms	70 gms	90 gms

40.574.39	40.693.44	40.695.36	40.695.44	40.695.75	40.697.45	40.574.37
40.574.38	40.693.43	40.695.35	40.695.43	40.695.74	40.697.44	40.574.36
						
3,8 mm	3,6 mm	3,8 mm	3,6 mm	4,0 mm	4,4 mm	3,6 mm
70 gms	80 gms	70 gms	80 gms	70 gms	70 gms	80 gms

40.697.34	40.695.41	40.695.71	40.696.71	40.694.71	40.697.58	40.731.46
40.697.33	40.695.40	40.695.70	40.696.70	40.694.70	40.697.57	40.731.45
						
3,5 mm	4,0 mm	3,5 mm	6,0 mm	7,0 mm	5,7 mm	4,5 mm
80 gms	70 gms	70 gms	70 gms	70 gms	70 gms	70 gms

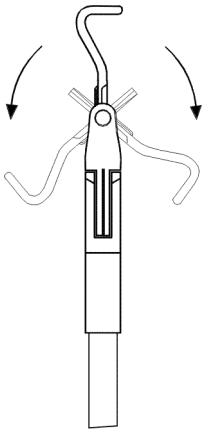
für temporären Verschluss
for temporary closure
pour la fermeture temporaire
para el cierre temporal
per la chiusura temporaneo

Titan / Titanium	40.731.41
PHYNOX	40.731.40
	
Öffnung/max. opening	4,0 mm
Druck / Force	70 gms

	nicht drehbar / non rotating / non orientable / no giratoria / non rotante			drehbar / rotating / orientable / giratoria / rotante		
						
	70 mm 2¾”	90 mm 3½”	110 mm 4⅓”	70 mm 2¾”	90 mm 3½”	110 mm 4⅓”
MINI	40.795.07	40.795.09	40.795.11	40.794.07	40.794.09	40.794.11
	40.795.17	40.795.19	40.795.21	40.794.17	40.794.19	40.794.21
STANDARD	40.791.07	40.791.09	40.791.11	40.790.07	40.790.09	40.790.11
	40.791.17	40.791.19	40.791.21	40.790.17	40.790.19	40.790.21

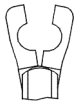
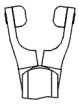
Titan
Titanium
Titane
Titanio
Titanio

drehbar
rotating
orientable
giratoria
rotante

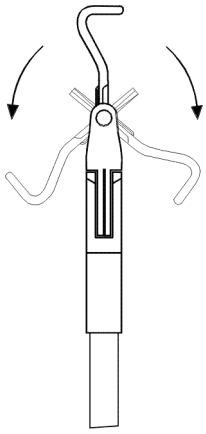




MEMORY

	nicht drehbar / non rotating / non orientable / no giratoria / non rotante			drehbar / rotating / orientable / giratoria / rotante		
						
	70 mm 2¾”	90 mm 3½”	110 mm 4⅓”	70 mm 2¾”	90 mm 3½”	110 mm 4⅓”
MINI	40.797.07	40.797.09	40.797.11	40.796.07	40.796.09	40.796.11
	40.797.17	40.797.19	40.797.21	40.796.17	40.796.19	40.796.21
STANDARD	40.793.07	40.793.09	40.793.11	40.792.07	40.792.09	40.792.11
	40.793.17	40.793.19	40.793.21	40.792.17	40.792.19	40.792.21

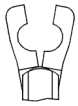
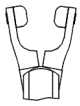
Titan
Titanium
Titane
Titanio
Titanio

drehbar rotating orientable giratoria rotante


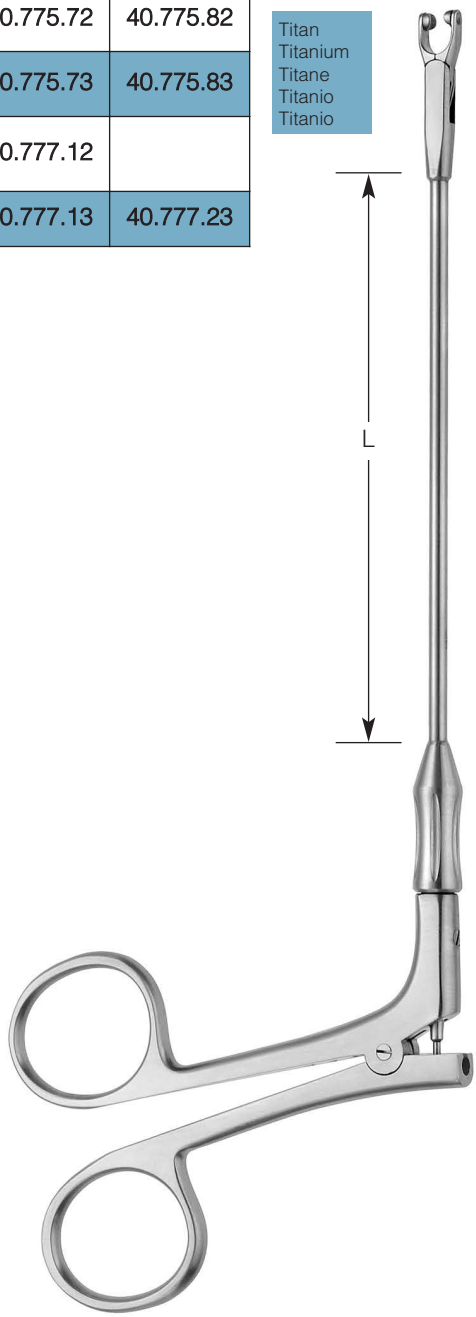


MEMORY

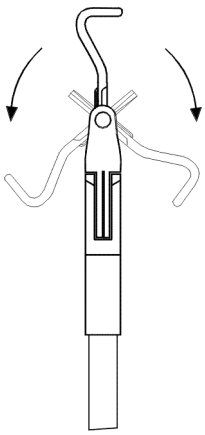
Anlegezangen für YASARGIL Aneurysmen Clips
YASARGIL Clip applying forceps
Pinces à appliquer les clips anévrismaux YASARGIL
Pinza aplicadora para YASARGIL clips de aneurisma
Pinza per applicare i YASARGIL clips per aneurisma

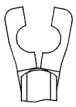
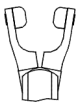
	nicht drehbar / non rotating / non orientable / no giratoria / non rotante				drehbar / rotating / orientable / giratoria / rotante			
								
	70 mm 2¾”	90 mm 3½”	110 mm 4⅓”	130 mm 5⅛”	70 mm 2¾”	90 mm 3½”	110 mm 4⅓”	130 mm 5⅛”
MINI	40.775.50	40.775.60	40.775.70	40.775.80	40.775.52	40.775.62	40.775.72	40.775.82
	40.775.51	40.775.61	40.775.71	40.775.81	40.775.53	40.775.63	40.775.73	40.775.83
STANDARD		40.777.00	40.777.10	40.777.20	40.775.92	40.777.02	40.777.12	
	40.775.91	40.777.01	40.777.11	40.777.21	40.775.93	40.777.03	40.777.13	40.777.23

Titan
Titanium
Titane
Titanio
Titanio



drehbar
rotating
orientable
giratoria
rotante

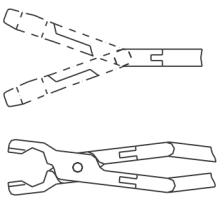
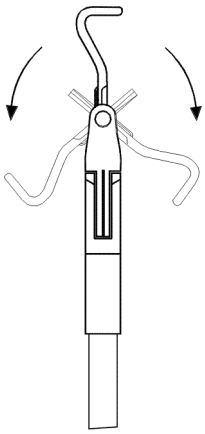


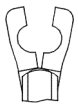
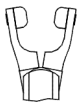
		nicht drehbar / non rotating / non orientable / no giratoria / non rotante			drehbar / rotating / orientable / giratoria / rotante		
							
		*190 mm 7½”	210 mm 8¼”	230 mm 9”	*190 mm 7½”	210 mm 8¼”	230 mm 9”
STANDARD				40.773.01		40.771.83	40.773.03
		40.773.11		40.773.31	40.773.13	40.773.23	40.773.33
MINI		40.771.02	40.771.11	40.771.21	40.771.04	40.771.13	40.771.23
		40.771.31	40.780.19	40.771.41	40.771.33	40.780.21	40.771.43

Titan
Titanium
Titane
Titanio
Titanio

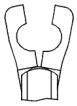
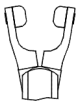


* Nur in gerader Modellvariante erhältlich.
* Only available in straight pattern.
* Disponible uniquement en droit.
* Sólo disponible en forma recta.
* Disponibile solo in rettilineo.

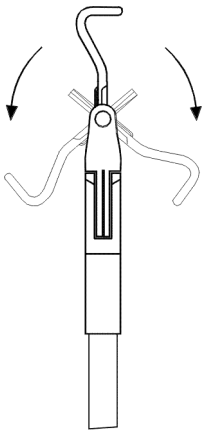
abwinkelbar with articulation pivotant giratorio orientabile	drehbar rotating orientable giratoria rotante
	

	nicht drehbar / non rotating / non orientable / no giratoria / non rotante	drehbar / rotating / orientable / giratoria / rotante
		
	180 mm 7”	180 mm 7”
MINI	40.776.18	40.776.20
STANDARD	40.778.18	



	nicht drehbar / non rotating / non orientable / no giratoria / non rotante			drehbar / rotating / orientable / giratoria / rotante		
						
	170 mm 6¾”	210 mm 8¼”	230 mm 9”	170 mm 6¾”	210 mm 8¼”	230 mm 9”
MINI	40.772.17	40.772.21	40.772.23	40.772.18	40.772.31	40.772.24
STANDARD	40.774.17	40.774.21	40.774.23	40.774.19	40.774.22	



drehbar rotating orientable giratoria rotante


BIEMER 	Maulöffnung Opening of jaw Ouverture des mors Apertura de boca Apertura di morsi	Maullänge Length of jaws Longuer des mors Longitud de boca Lunhg. di morsi	Schließkraft Closing force Force d'occlusion Fuerza de oclusión Forza di occlusiva
 12.040.01	4,0 mm	6,0 mm	30 - 40 gms 0,29 - 0,39 Newton
 12.040.02	5,0 mm	9,0 mm	30 - 40 gms 0,29 - 0,39 Newton
 12.040.03	5,0 mm	9,0 mm	30 - 40 gms 0,29 - 0,39 Newton



Anlegepinzette ohne Schloss
Applying forceps without lock
Pince à appliquer sans blocage
Pinza sin cierre
Applicatore senza serratura

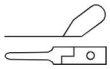
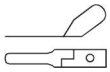
BIEMER
12.046.14
14,5 cm/5¾”

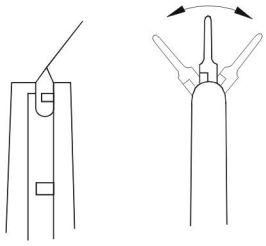


Anlegepinzette mit Schloss
Applying forceps with lock
Pince à appliquer avec blocage
Pinza con cierre
Applicatore con serratura

BIEMER
12.048.14
14,5 cm/5¾”

MEHDORN Gefäßclips - für temporären Gebrauch
MEHDORN Vessel clips - for temporary occlusion
MEHDORN Serre-Fines - pour occlusion temporaire
MEHDORN Clips vasculares - para oclusión temporal
MEHDORN Pinze - per occlusioni temporari

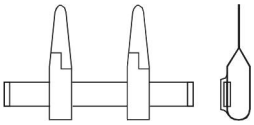
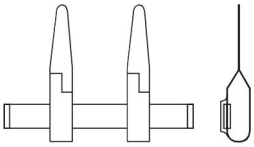
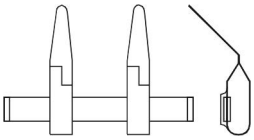
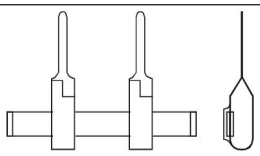
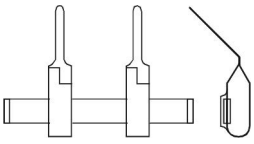
MEHDORN	Maullänge Length of jaws Longuer des mors Longitud de boca Lunhg. di morsi	Schließkraft Closing force Force d'occlusion Fuerza de oclusión Forza di occlusiva
 12.043.01	4 x 1,0 mm	10 - 15 gms 0,10 - 0,15 Newton
 12.043.02	4 x 1,4 mm	10 - 15 gms 0,10 - 0,15 Newton
 12.043.03	6 x 1,0 mm	10 - 15 gms 0,10 - 0,15 Newton
 12.043.04	6 x 1,4 mm	15 - 20 gms 0,15 - 0,20 Newton



Anlegepinzette ohne Schloss
Applying forceps without lock
Pince à appliquer sans blocage
Pinza sin cierre
Applicatore senza serratura



MEHDORN
12.050.15
15 cm/6”

BIEMER - MÜLLER	Maulöffnung Opening of jaw Ouverture des mors Apertura de boca Apertura di morsi	Maullänge Length of jaws Longuer des mors Longitud de boca Lunhg. di morsi	Schließkraft Closing force Force d'occlusion Fuerza de oclusión Forza di occlusiva
 12.014.00	4,0 mm	6,0 mm	30 - 40 gms 0,29 - 0,39 Newton
 12.010.00	5,0 mm	9,0 mm	30 - 40 gms 0,29 - 0,39 Newton
 12.011.00	5,0 mm	9,0 mm	30 - 40 gms 0,29 - 0,39 Newton
 12.012.00	5,0 mm	9,0 mm	30 - 40 gms 0,29 - 0,39 Newton
 12.013.00	5,0 mm	9,0 mm	30 - 40 gms 0,29 - 0,39 Newton



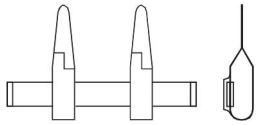
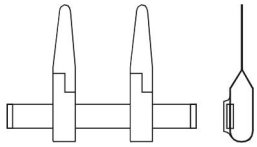
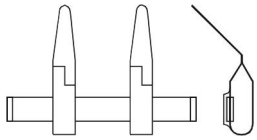
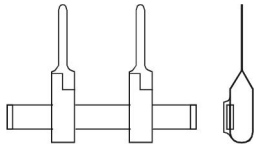
Anlegepinzette ohne Schloss
Applying forceps without lock
Pince à appliquer sans blocage
Pinza sin cierre
Applicatore senza serratura

BIEMER
12.046.14
14,5 cm/5¾”



Anlegepinzette mit Schloss
Applying forceps with lock
Pince à appliquer avec blocage
Pinza con cierre
Applicatore con serratura

BIEMER
12.048.14
14,5 cm/5¾”

MÜLLER	Ø	Schließkraft Closing force Force d'occlusion Fuerza de oclusión Forza di occlusiva
 12.028.01	1 mm	25 - 30 gms 0,25 - 0,29 Newton
 12.028.02	2 mm	25 - 30 gms 0,25 - 0,29 Newton
 12.028.03	3 mm	25 - 30 gms 0,25 - 0,29 Newton
 12.028.04	4 mm	25 - 30 gms 0,25 - 0,29 Newton

Anlegepinzette ohne Schloss
Applying forceps without lock
Pince à appliquer sans blocage
Pinza sin cierre
Applicatore senza serratura

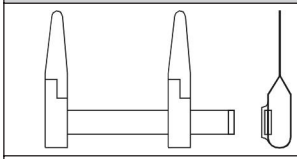


BIEMER
12.046.14
14,5 cm/5¾”

Anlegepinzette mit Schloss
Applying forceps with lock
Pince à appliquer avec blocage
Pinza con cierre
Applicatore con serratura



BIEMER
12.048.14
14,5 cm/5¾”

BIEMER	Maulöffnung Opening of jaw Ouverture des mors Apertura de boca Apertura di morsi	Maullänge Length of jaws Longuer des mors Longitud de boca Lunhg. di morsi	Schließkraft Closing force Force d'occlusion Fuerza de oclusión Forza di occlusiva
 12.016.00	5,0 mm	9,0 mm	30 - 40 gms 0,29 - 0,39 Newton



12.016.00

12.050.14

BIEMER Approximator Set aus Artikel **12.016.00** & **12.044.14**
BIEMER Approximator set consisting of **12.016.00** & **12.044.14**
BIEMER Approximateurs set **12.016.00** & **12.044.14**
BIEMER Aproximadores set **12.016.00** & **12.044.14**
BIEMER Approssimatori set **12.016.00** & **12.044.14**



12.024.00

BIEMER Approximator mit Schlüssel **12.041.01**
BIEMER Approximator with key **12.041.01**
BIEMER Approximateurs avec clé **12.041.01**
BIEMER Aproximadores con llave **12.041.01**
BIEMER Approssimatori con chiave **12.041.01**



12.041.00

BIEMER Approximator mit Schlüssel **12.041.01** und Nadeln **12.041.02**
BIEMER Approximator with key **12.041.01** and needles **12.041.02**
BIEMER Approximateurs avec clé **12.041.01** et d'aiguilles **12.041.02**
BIEMER Aproximadores con llave **12.041.01** y agujas **12.041.02**
BIEMER Approssimatori con chiave **12.041.01** e aghi **12.041.02**



12.041.01

Schlüssel allein
Key only
Clé seule
Llave suelta
Sola chiave

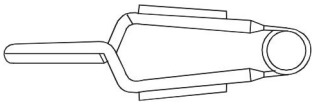
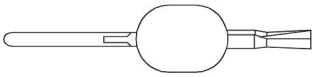
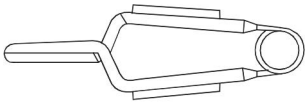
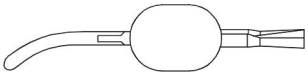
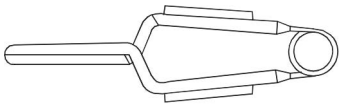
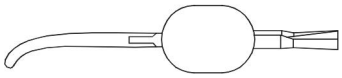
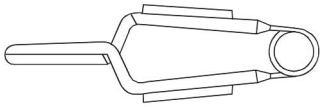
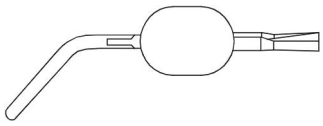
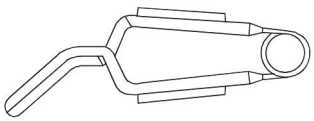
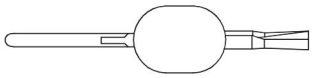
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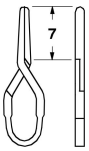
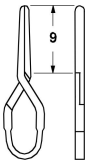
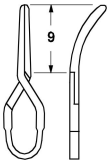
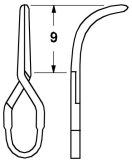
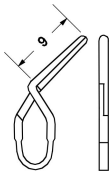
1 Paar Ersatznadeln
1 Pair of spare needles
1 Paire d'aiguilles de rechange
1 Par de agujas de recambio
1 Paio di aghi di ricambio

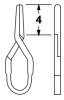
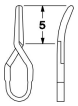
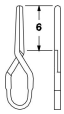
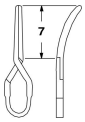
Anlegepinzette ohne Schloss
Applying forceps without lock
Pince à appliquer sans blocage
Pinza sin cierre
Applicatore senza serratura



BIEMER
12.044.14
14,5 cm/5¾"

MÜLLER		Schließkraft Closing force Force d'occlusion Fuerza de oclusión Forza di occlusiva
	12.030.50	50 gms 0,49 Newton
	12.030.80	80 gms 0,79 Newton
	12.031.50	50 gms 0,49 Newton
	12.031.80	80 gms 0,79 Newton
	12.033.50	50 gms 0,49 Newton
	12.033.80	80 gms 0,79 Newton
	12.035.50	50 gms 0,49 Newton
	12.035.80	80 gms 0,79 Newton
	12.037.50	50 gms 0,49 Newton
	12.037.80	80 gms 0,79 Newton

BULLDOG STANDARD	Schließkraft Closing force Force d'occlusion Fuerza de oclusión Forza di occlusiva
 40.567.40	120-150 gms.
 40.567.50	120-150 gms.
 40.567.52	120-150 gms.
 40.567.54	120-150 gms.
 40.567.46	120-150 gms.

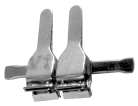
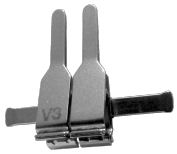
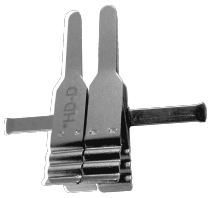
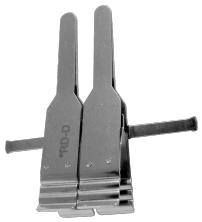
BULLDOG MINI	Schließkraft Closing force Force d'occlusion Fuerza de oclusión Forza di occlusiva
 40.567.10	70-100 gms.
 40.567.12	70-100 gms.
 40.567.20	70-100 gms.
 40.567.22	70-100 gms.

Länge / Length / Longueur Longitud / Lunghezza		8 mm	11 mm	16 mm	24 mm	35 mm
Gefäß / Vessel / Vaisseaux Vaso / Vaso	Ø	0,3 - 1,0 mm	0,6 - 1,4 mm	1,0 - 2,2 mm	1,5 - 3,3 mm	2,0 - 5,0 mm

Vene / Vein / Veine Vena / Vena	V	12.052.11	12.052.12	12.052.13	12.052.14	12.052.15
Arterie / Artery / Artère Arteria/ Arteria	A	12.052.01	12.052.02	12.052.03	12.052.04	12.052.05
Einzel Clips Single Clips Clips simples Clip singular Clips singoli Verpackungseinheit 2 Stück Packing unit 2 pieces Boîtes de 2 pièces Cajas con 2 piezas Unità di 2 pezzi						

Vene / Vein / Veine Vena / Vena	V	12.052.31	12.052.32	12.052.33
Arterie / Artery / Artère Arteria/ Arteria	A	12.052.21	12.052.22	12.052.23
Einzel Clips Single Clips Clips simples Clip singular Clips singoli Verpackungseinheit 2 Stück Packing unit 2 pieces Boîtes de 2 pièces Cajas con 2 piezas Unità di 2 pezzi				

Länge / Length / Longueur Longitud / Lunghezza		8 mm	11 mm	16 mm	24 mm	35 mm
Gefäß / Vessel / Vaisseaux Vaso / Vaso	Ø	0,3 - 1,0 mm	0,6 - 1,4 mm	1,0 - 2,2 mm	1,5 - 3,3 mm	2,0 - 5,0 mm

Vene / Vein / Veine Vena / Vena	V	12.052.51	12.052.52	12.052.53	12.052.54	12.052.55
Arterie / Artery / Artère Arteria/ Arteria	A	12.052.41	12.052.42	12.052.43	12.052.44	12.052.45
Approximatoren Approximators Approximateurs Aproximadores Approssimatori						

Vene / Vein / Veine Vena / Vena	V	12.052.71	12.052.72	12.052.73
Arterie / Artery / Artère Arteria/ Arteria	A	12.052.61	12.052.62	12.052.63
Approximatoren Approximators Approximateurs Aproximadores Approssimatori				

Vene / Vein / Veine Vena / Vena	V	12.052.91	12.052.92	12.052.93
Arterie / Artery / Artère Arteria/ Arteria	A	12.052.81	12.052.82	12.052.83
Approximatoren Approximators Approximateurs Aproximadores Approssimatori				

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

ohne Schloss
without lock
sans blocage
sin cierre
senza serratura



12.053.00
14 cm/5½”

mit Schloss
with lock
avec blocage
con cierre
con serratura



12.053.10
14 cm/5½”

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

ohne Schloss
without lock
sans blocage
sin cierre
senza serratura



12.053.02
14 cm/5½”

mit Schloss
with lock
avec blocage
con cierre
con serratura



12.053.12
14 cm/5½”

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

ohne Schloss
without lock
sans blocage
sin cierre
senza serratura



12.053.01
14 cm/5½”

mit Schloss
with lock
avec blocage
con cierre
con serratura



12.053.11
14 cm/5½”



88.765.02
18 Clips
150 x 95 x 13 mm

Edelstahl
Stainless steel
Acier inoxydable
Acero inoxdiable
Acciaio inox



88.765.03
42 Clips
210 x 125 x 17 mm

Edelstahl
Stainless steel
Acier inoxydable
Acero inoxdiable
Acciaio inox

18

SPEZIAL INSTRUMENTE
SPECIAL INSTRUMENTS
INSTRUMENTS SPÉCIAUX
INSTRUMENTOS ESPECIALES
STRUMENTI SPECIALI



CUSHING-LANDOLT

70 x 15 mm	**40.801.70**
90 x 15 mm	**40.801.90**
110 x 15 mm	**40.802.10**



PAPAVERO-CASPAR

80 x 11 mm	**40.803.11**
90 x 13 mm	**40.803.13**
100 x 15 mm	**40.803.15**



HARDY

70 mm	**40.805.70**
80 mm	**40.805.80**
90 mm	**40.805.90**



Spreizzange für Spekula
Spreading forceps for specula
Pince écartante pour spéculums
Pinza dilatadora para espéculos
Pinza divaricatrice per specoli

LANDOLT
40.804.21
21 cm/8¼”



Meißel
Chisel
Ciseau burin
Cincel
Scalpello

PAPAVERO
40.803.22
22 cm/8¾”



RAY
40.810.04
19 cm/7½”



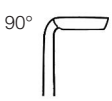
RAY
19 cm/7½”



40.811.03
Ø 3 mm

40.811.04
Ø 4 mm

40.811.05
Ø 5 mm



40.812.03
Ø 3 mm

40.812.04
Ø 4 mm

40.812.05
Ø 5 mm



40.813.03
Ø 3 mm

40.813.04
Ø 4 mm

40.813.05
Ø 5 mm

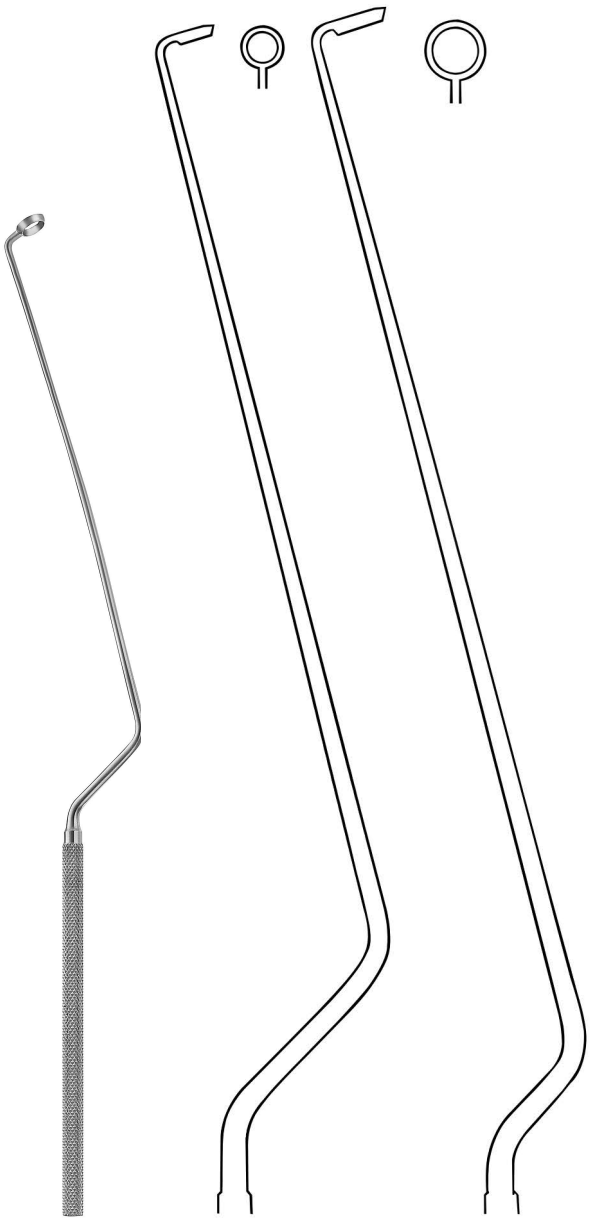


40.814.03
Ø 3 mm

40.814.04
Ø 4 mm

40.814.05
Ø 5 mm

biegsam
malleable
flexibles
maleables
malleabile

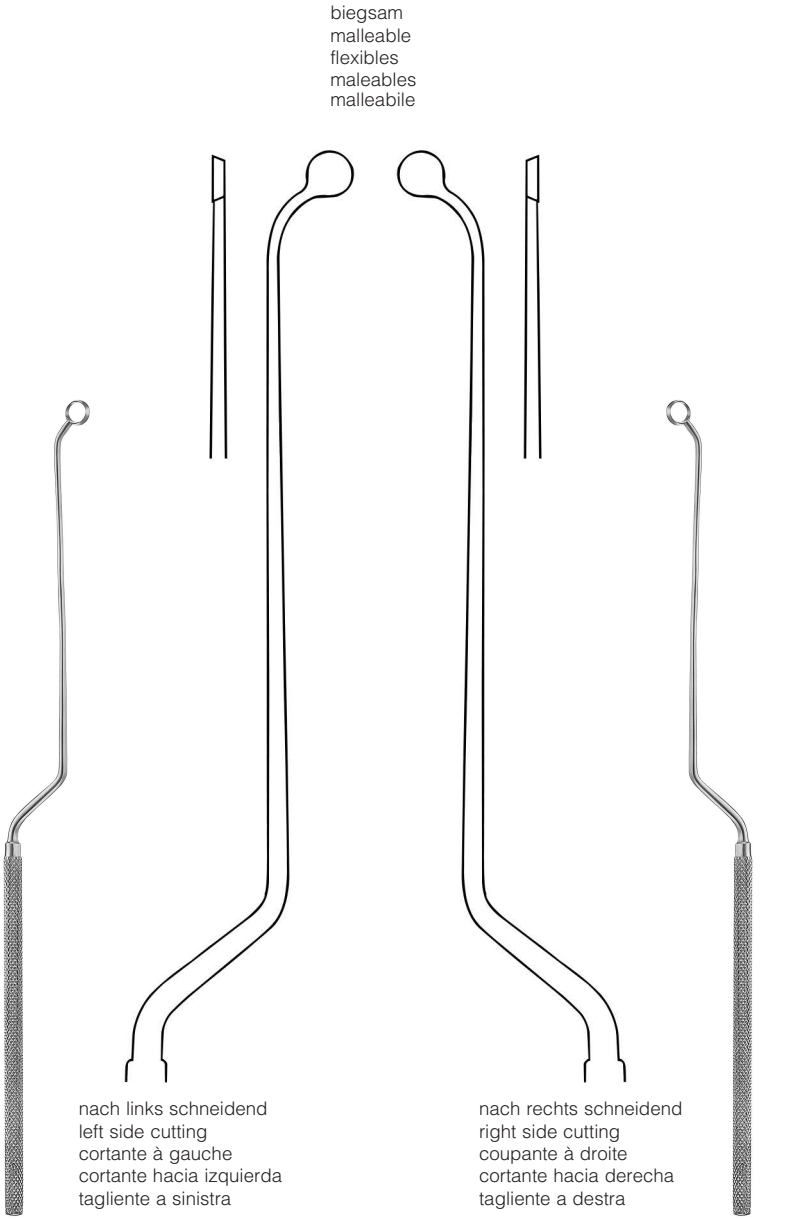


HARDY
26 cm/10¼”

40.815.04
Ø 4 mm

40.815.06
Ø 6 mm

biegsam
malleable
flexibles
maleables
malleabile

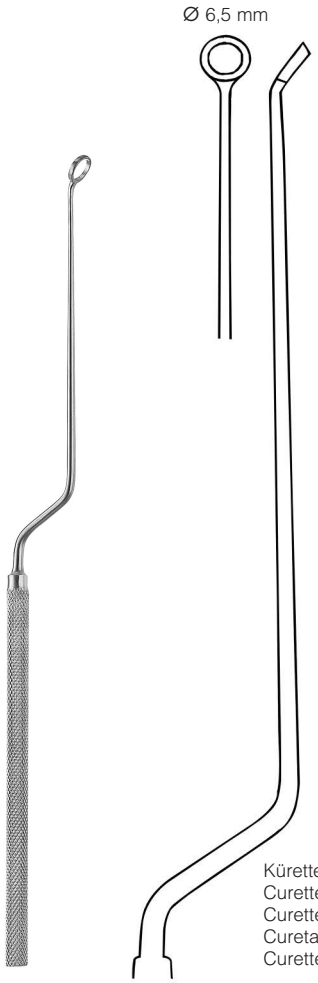


nach links schneidend
left side cutting
cortante à gauche
cortante hacia izquierda
tagliente a sinistra

NICOLA
40.817.65
26 cm/10¼”
Ø 6,5 mm

nach rechts schneidend
right side cutting
coupante à droite
cortante hacia derecha
tagliente a destra

NICOLA
40.819.65
26 cm/10¼”
Ø 6,5 mm



Küretten, biegsam
Curettes, malleable
Curettes, flexibles
Curetas, maleables
Curette, malleabile

NICOLA
40.821.65
26 cm/10¼”



Raspatorium
Raspatory
Rugine
Legras
Periostotomo

NICOLA
40.823.00
21,5 cm/8¼”

Küretten
Curettes
Curettes
Curetas
Curette



CONE
23 cm/9”

3 mm	**40.824.03**
4 mm	**40.824.04**
6 mm	**40.824.06**
7 mm	**40.824.07**
8 mm	**40.824.08**
9 mm	**40.824.09**

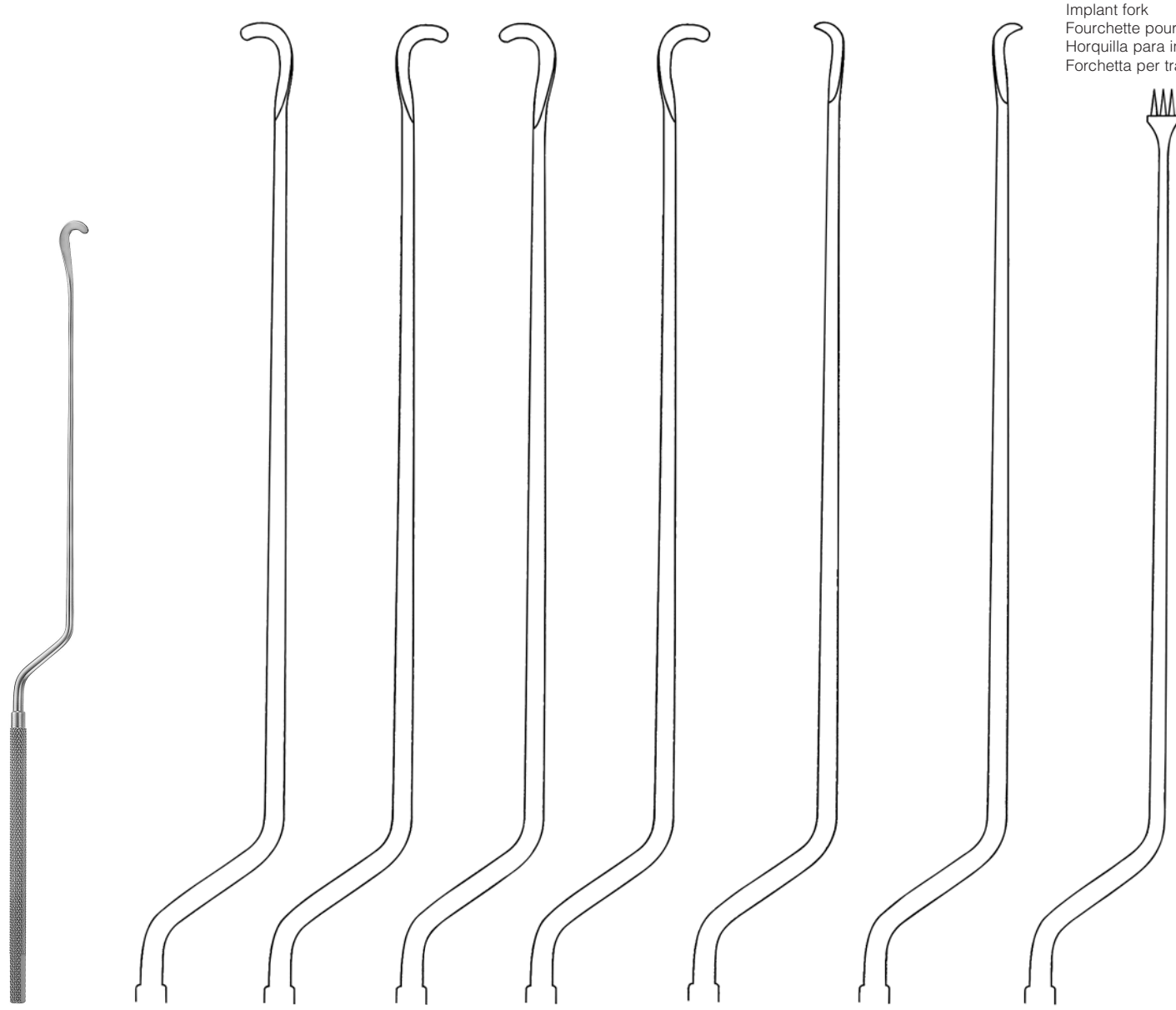
CONE
23 cm/9”

3 mm	**40.825.03**
4 mm	**40.825.04**
6 mm	**40.825.06**
7 mm	**40.825.07**
8 mm	**40.825.08**
9 mm	**40.825.09**

Enukleatoren, stumpf
Enucleators, blunt
Enucléateurs, mousses
Enucleadores, romos
Enlucleatore, smusso

Dissektoren, innen scharf
Dissectors, inner edge sharp
Dissecteur, pointu à l'intérieur
Disectores, agudo en el interior
Dissettori, bordo interno acuto

Implantationsgabel
Implant fork
Fourchette pour implants
Horquilla para implantar
Forchetta per trapianto



HARDY
24,5 cm/9¾"

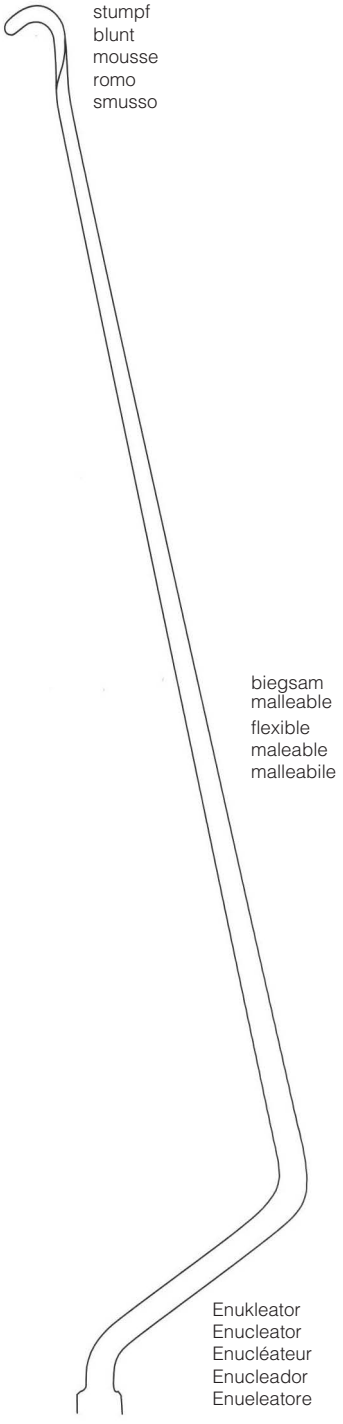
40.831.00 | 40.831.01 | 40.831.02 | 40.831.03

HARDY-FAHLBUSCH
40.832.01 | 40.832.02

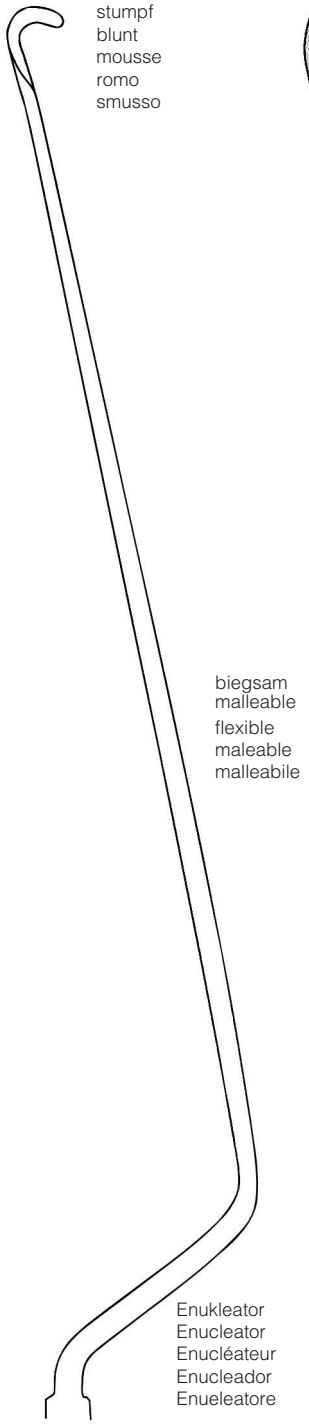
40.831.04



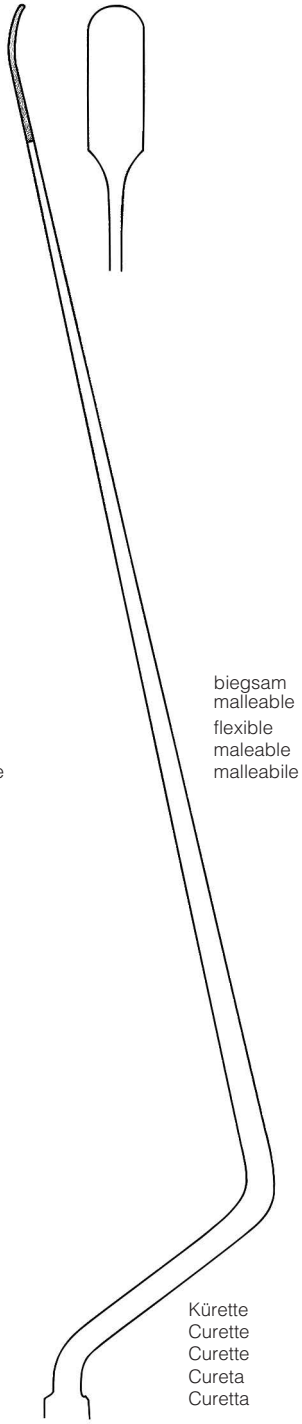
LANDOLT
26 cm/10¼”



40.835.00



40.835.01



40.835.02



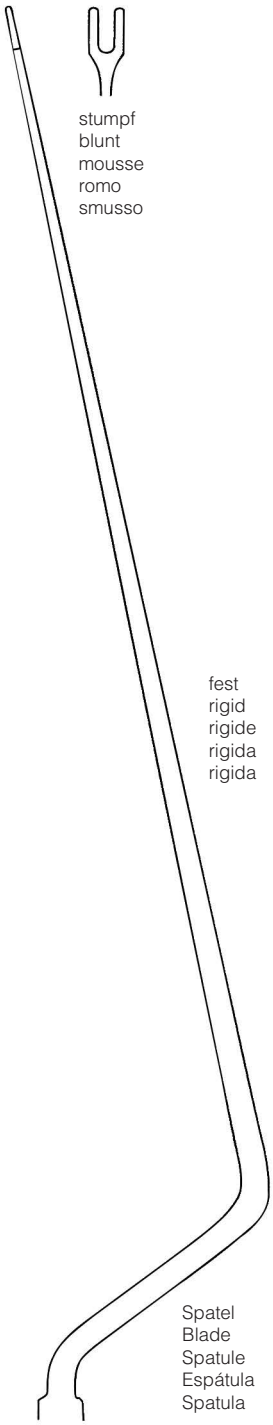
LANDOLT
26 cm/10¼”



40.835.03



40.835.04

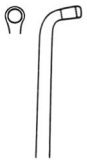


HOSOBUCHI
40.836.00



26 cm/10¼”

Ø 2,5 mm



FAHLBUSCH
40.841.25

Kürette, biegsam
Curette, malleable
Rugine, flexible
Legra, maleable
Periostotomo, malleabile

Ø 2,2 mm



LANDOLT REULEN
40.843.22

Raspatorium
Raspatory
Rugine
Legras
Periostotomo

Ø 3,2 mm



LANDOLT REULEN
40.843.32

Raspatorium
Raspatory
Rugine
Legras
Periostotomo

Ø 2,5 mm



LANDOLT REULEN
40.845.25

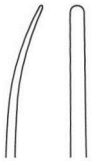
Kürette
Curette
Curette
Cureta
Curetta



LANDOLT REULEN
40.847.17

Stumpfes Häkchen
Blunt hook
Crochet mousse
Ganchito romo
Uncino smusso

2,0 mm



LANDOLT REULEN
40.849.20

Dissektor
Dissector
Dissecteur
Disector
Dissettore

Ø 2,0 mm



FAHLBUSCH
40.840.20

Löffel, biegsam
Spoon, malleable
Curette, flexible
Cucharilla, maleable
Cucchiaio, malleabile

Küretten
Curettes
Curettes
Curetas
Curette



aufgewinkelt
angled up
vers le haut
hacia arriba
verso l'alto

HARDY	
24 cm/9½”	
3 mm	**40.850.03**
5 mm	**40.850.05**



abgewinkelt
angled down
vers le bas
hacia baja
verso il basso

HARDY	
24 cm/9½”	
3 mm	**40.851.03**
5 mm	**40.851.05**

Küretten
Curettes
Curettes
Curetas
Curette

45°



rechts gebogen
curved right
courbé à droite
curvada a la derecha
curvo destro

HARDY	
24 cm/9½”	
3 mm	**40.852.03**
5 mm	**40.852.05**

90°



links gebogen
curved left
courbé à gauche
curvada a la izquierda
curvo sinistro

HARDY	
24 cm/9½”	
3 mm	**40.853.03**
5 mm	**40.853.05**

Küretten
Curettes
Curettes
Curetas
Curette

Mikro-Dissektoren
Micro dissectors
Micro dissecteurs
Micro disectores
Micro dissettori

5 mm



rechts gebogen
curved right
courbé à droite
curvada a la derecha
curvo destro

HARDY
40.854.05
24 cm/9½”

5 mm



links gebogen
curved left
courbé à gauche
curvada a la izquierda
curvo sinistro

HARDY
40.855.05
24 cm/9½”

2 mm



aufgewinkelt
angled up
vers le haut
hacia arriba
verso l'alto

HARDY
40.833.02
24 cm/9½”

2 mm



abgewinkelt
angled down
vers le bas
hacia baja
verso il basso

HARDY
40.834.02
24 cm/9½”

Löffel, biegsam
Spoon, malleable
Curette, flexible
Cucharilla, maleable
Cucchiaio, malleabile



HARDY
40.856.24
23,5 cm/9¼”

Mikrospiegel, beweglich, zur retrospektiven Inspektion
Micro mirror, moveable, for rectrospective inspection
Micro miroir, mobile, pour rectrospective inspection
Micro espejo, móvil, de inspección rectrospective
Micro-specchio, mobili, per l'ispezione rectrospective



HARDY
40.830.00
23 cm/9”



ADSON
40.210.23
23 cm/9”



ADSON
40.211.23
23 cm/9”

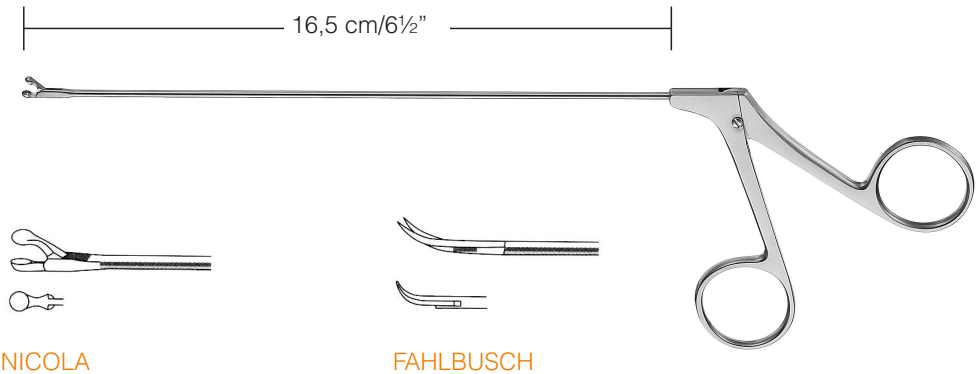
ADSON
40.213.23
23 cm/9”



LANDOLT
40.875.22
21,5 cm/8½”



HARDY
40.876.21
21 cm/8¼”

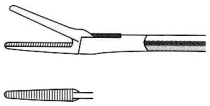


NICOLA
40.882.16
Ø 2,5 mm

Scharfe Zange mit löffelförmigem Maul
Forceps, scoop-shaped
Pince, en forme de cuillère
Pinza, en forma de cuchara
Pinze, a forma di cucchiaio

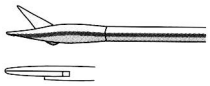
FAHLBUSCH
40.881.16

Schere, horizontal schneidend
Schere, horizontal cutting, curved on flat
Ciseaux, coupe horizontale
Tijeras, corte horizontal
Forbici, taglio orizzontale



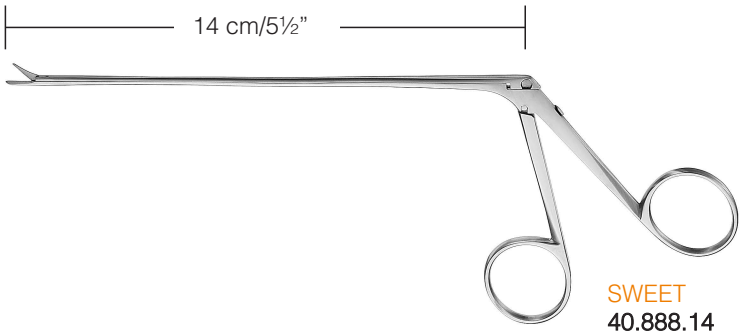
YASARGIL-NICOLA
40.886.16

Fasszange mit feinem Maul
Forceps, long conical jaws, delicate
Pince, conique long mâchoires, fine
Pinza, cónico largo mandíbulas, fina
Pinze, lungo conico mascelle, fina

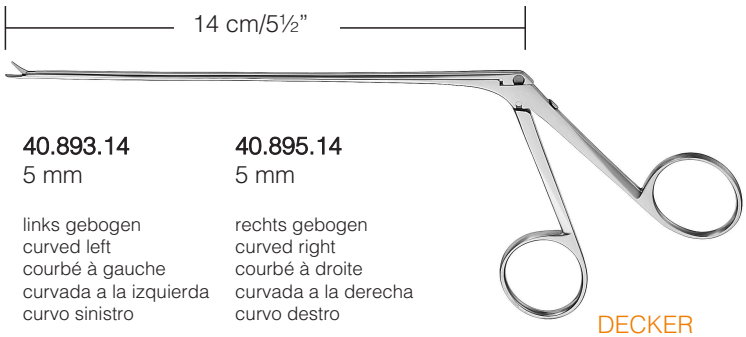


NICOLA
40.884.16

Schere, gerade
Scissors, straight
Ciseaux, droits
Tijeras, rectas
Forbici, diritta



SWEET
40.888.14
10 mm



40.892.14
5 mm

gerade
straight
droit
recta
diritta

40.893.14
5 mm

links gebogen
curved left
courbé à gauche
curvada a la izquierda
curvo sinistro

40.895.14
5 mm

rechts gebogen
curved right
courbé à droite
curvada a la derecha
curvo destro

DECKER

19

HOCHFREQUENZ-CHIRURGIE
HIGH FREQUENCY SURGERY
CHIRURGIE À HAUTE FRÉQUENCE
ELECTROCIRUGÍA
ELECTTROCHIRURIGA

Koagulationspinzetten, bipolar
Coagulation forceps, bipolar
Pinces pour coagulation, bipolaires
Pinzas de coagulación, bipolares
Pinze per coagulazione, bipolari



90.316.03	155 mm	0,3 mm
90.316.06	155 mm	0,6 mm
90.316.01	155 mm	1,0 mm
90.316.02	155 mm	2,0 mm



90.330.03	180 mm	0,3 mm
90.330.06	180 mm	0,6 mm
90.330.01	180 mm	1,0 mm
90.330.02	180 mm	2,0 mm



90.352.03	200 mm	0,3 mm
90.352.06	200 mm	0,6 mm
90.352.01	200 mm	1,0 mm
90.352.02	200 mm	2,0 mm



90.370.03	225 mm	0,3 mm
90.370.06	225 mm	0,6 mm
90.370.01	225 mm	1,0 mm
90.370.02	225 mm	2,0 mm



90.344.03	180 mm	0,3 mm
90.344.06	180 mm	0,6 mm
90.344.01	180 mm	1,0 mm
90.344.02	180 mm	2,0 mm



90.332.03	200 mm	0,3 mm
90.332.06	200 mm	0,6 mm
90.332.01	200 mm	1,0 mm
90.332.02	200 mm	2,0 mm

Koagulationspinzetten, bipolar
Coagulation forceps, bipolar
Pinces pour coagulation, bipolaires
Pinzas de coagulación, bipolares
Pinze per coagulazione, bipolari



90.372.03	225 mm	0,3 mm
90.372.06	225 mm	0,6 mm
90.372.01	225 mm	1,0 mm
90.372.02	225 mm	2,0 mm



90.382.03	250 mm	0,3 mm
90.382.06	250 mm	0,6 mm
90.382.01	250 mm	1,0 mm
90.382.02	250 mm	2,0 mm



90.317.03	155 mm	0,3 mm
90.317.06	155 mm	0,6 mm
90.317.01	155 mm	1,0 mm
90.317.02	155 mm	2,0 mm



90.331.03	180 mm	0,3 mm
90.331.06	180 mm	0,6 mm
90.331.01	180 mm	1,0 mm
90.331.02	180 mm	2,0 mm



90.357.03	200 mm	0,3 mm
90.357.06	200 mm	0,6 mm
90.357.01	200 mm	1,0 mm
90.357.02	200 mm	2,0 mm



90.371.03	225 mm	0,3 mm
90.371.06	225 mm	0,6 mm
90.371.01	225 mm	1,0 mm
90.371.02	225 mm	2,0 mm

20

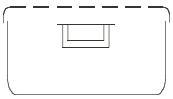
CONTAINER
CONTAINERS
CONTAINER
CONTENEDORES
CONTAINER

Aluminium
Aluminium
Aluminium
Aluminio
Alluminio



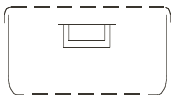
285 x 280 x 100 mm

Deckel gelocht - Boden ungelocht
Lid perforated - Bottom non perforated
Courvercle perforé - Fond non perforé
Tapa perforada - Fondo no perforado
Coperchio forato - Fondo non forato



88.620.01

Deckel gelocht - Boden gelocht
Lid perforated - Bottom perforated
Courvercle perforé - Fond perforé
Tapa perforada - Fondo perforado
Coperchio forato - Fondo forato



88.621.01

Siebkörbe Edelstahl
Wire baskets, stainless steel
Paniers grillagés, acier inoxydable
Cestillos de acero inoxdiable
Cestelli in acciaio inox



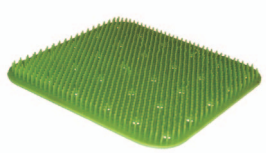
88.629.01	255 x 245 x 30 mm
88.629.02	255 x 245 x 50 mm
88.629.03	255 x 245 x 70 mm
88.629.04	255 x 245 x 100 mm

Siebboden
Separate floor
Fond du crible
Fondo de la cesta
Fondo di cestello



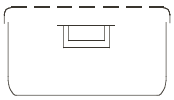
88.629.11 255 x 245 x 30 mm

Silikon-Noppenmatte
Silicone mats
Tapis en silicone
Esterilla de silicona
Stuoia di silicone



88.695.21 245 x 245 mm

Deckel gelocht - Boden gelocht
Lid perforated - Bottom perforated
Courvercle perforé - Fond perforé
Tapa perforada - Fondo perforado
Coperchio forato - Fondo forato





Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inox

Sterilisierkassetten mit Silikon-Noppenstreifen
Sterilization cases with silicone cushioning stripes
Casettes de stérilisation avec picots en silicone
Casetes de esterilización con bandas de silicona acolchada
Sterilizzazione dei cassette con imbottitura strisce di silicone

Innenmaß
Internal dimensions
Dimension interne
Dimensión interna
Dimensione interna

	L x B x H
88.290.01	200 x 140 x 50 mm
88.290.02	400 x 100 x 50 mm
88.290.03	400 x 150 x 50 mm
88.290.04	280 x 195 x 50 mm
88.290.05	265 x 255 x 50 mm
88.290.06	370 x 190 x 50 mm
88.290.07	380 x 260 x 50 mm
88.290.08	430 x 230 x 50 mm
88.290.09	380 x 125 x 50 mm
88.290.10	470 x 250 x 50 mm

Sterilisierkassetten mit Silikon-Noppenstreifen und Zweifach-Lagerung
Sterilization cases with silicone cushioning stripes and dual storage
Casettes de stérilisation avec rembourrage en silicone à double stockage
Casetes de esterilización con relleno de silicona en doble almacenamiento
Sterilizzazione dei cassette con imbottitura di silicone sul strisce due scaffalature

	L x B x H
88.291.01	200 x 140 x 65 mm
88.291.02	400 x 100 x 65 mm
88.291.03	400 x 150 x 65 mm
88.291.04	280 x 195 x 65 mm
88.291.05	265 x 255 x 65 mm
88.291.06	370 x 190 x 65 mm
88.291.07	380 x 260 x 65 mm
88.291.08	430 x 230 x 65 mm
88.291.09	380 x 125 x 65 mm
88.291.10	470 x 250 x 65 mm

Sterilisierkassetten mit Silikon-Bank
Sterilization cases with silicone bench
Casettes de stérilisation avec banc en silicone
Casetes de esterilización con banco de silicona
Sterilizzazione dei cassette con banco di silicone

	L x B x H
88.292.01	200 x 140 x 55 mm
88.292.02	400 x 100 x 55 mm
88.292.03	400 x 150 x 55 mm
88.292.04	280 x 195 x 55 mm
88.292.05	265 x 255 x 55 mm
88.292.06	370 x 190 x 55 mm
88.292.07	380 x 260 x 55 mm
88.292.08	430 x 230 x 55 mm
88.292.09	380 x 125 x 55 mm
88.292.10	470 x 250 x 55 mm

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