

dimeda[®]
SURGICAL INSTRUMENTS



NEUROCHIRURGIE

NEUROSURGERY
NEUROCHIRURGIE
NEUROCIRUGÍA
NEUROCHIRURGIA





[DAS UNTERNEHMEN]

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

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

[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.



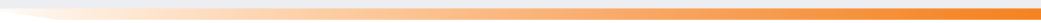
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01



◆ **DIAGNOSTIK**
DIAGNOSTICS
DIAGNOSTIC
DIAGNÓSTICO
DIAGNOSTICA



Diagnostik, Perkussionshämmer

Diagnostic, percussion hammers
Diagnostiques, marteaux-percuteurs
Diagnósticas, martillos para reflejos
Diagnostica, martelli percussori

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



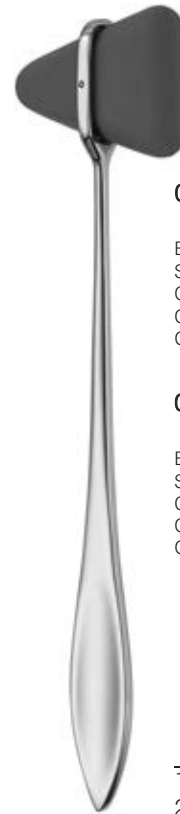
COLLIN
02.140.01
12,5 cm/5"

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/6 ³ / ₄ "	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/6¹/₄"



Ø 40 mm

02.292.99

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

BABINSKY
02.292.22
22 cm/8³/₄"



02.294.99

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

TROEMNER
02.294.24
24 cm/9¹/₂"



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

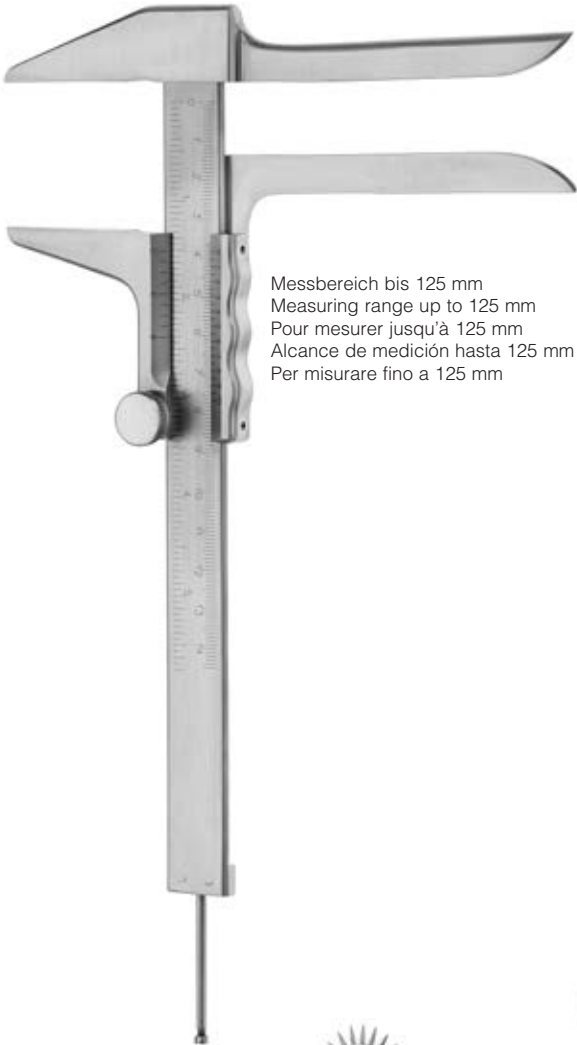
Nadel allein
 Needle only
 Aiguille seule
 Aguja suelta
 Ago solo

02.308.99

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

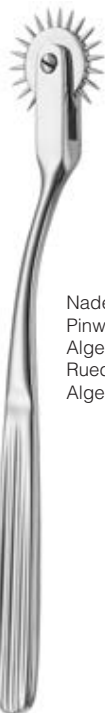
Schieblehren, Aesthesiometer

Calipers, aesthesiometer
 Pieds à coulisse, estésiometre
 Calibres, estesiómetro
 Calibro, estesiometro



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



Nadelrad
 Pinwheel
 Algesimetre
 Rueda de espigas
 Algesimetro

WARTENBERG
 02.320.19
 19 cm/7 1/4"



Stimmgabel
 Tuning fork
 Diapason
 Diapason
 Diapason

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

44.075.00

Aesthesiometer
 Aesthesiometer
 Estésiometre
 Estesiómetro
 Estesiometro



WEBER
 02.320.09
 9 cm/3 1/2"



10 cm/4"	02.340.10
15 cm/6"	02.340.15
20 cm/8"	02.340.20
25 cm/9 3/4"	02.340.25
30 cm/12"	02.340.30
40 cm/16"	02.340.40
50 cm/20"	02.340.50

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

02



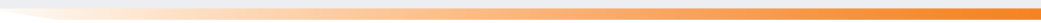
◆ **SKALPELLE, MESSER**

SCALPELS, KNIVES

BISTOURIS, COUTEAUX

BISTURÍS, CUCHILLOS

BISTURI, COLTELLI



Skalpellgriffe

Scalpel handles

Manches de bistouris

Mangos de bisturís

Manici per bisturi

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

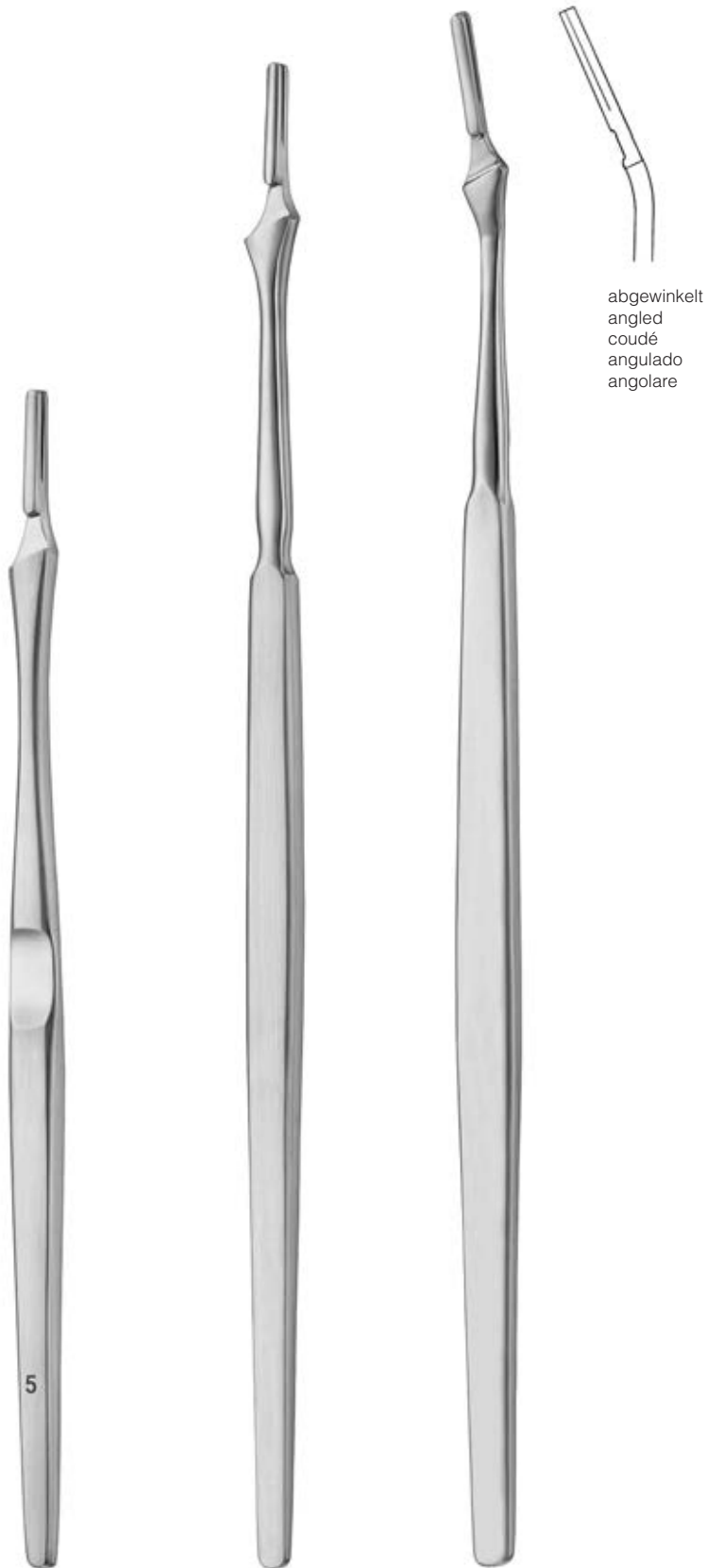
Scalpel handles for scalpel
blades fig. 10, 11, 12, 13, 15

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

Fig.
3



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

Scalpel handles
Manches de bistouris
Mangos de bisturis
Manici per bisturi

Skalpellgriffe, passend für
auswechselbare Skalpellschneiden
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 bisturi para
hojas intercambiables
fig. 10, 11, 12, 13, 15

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

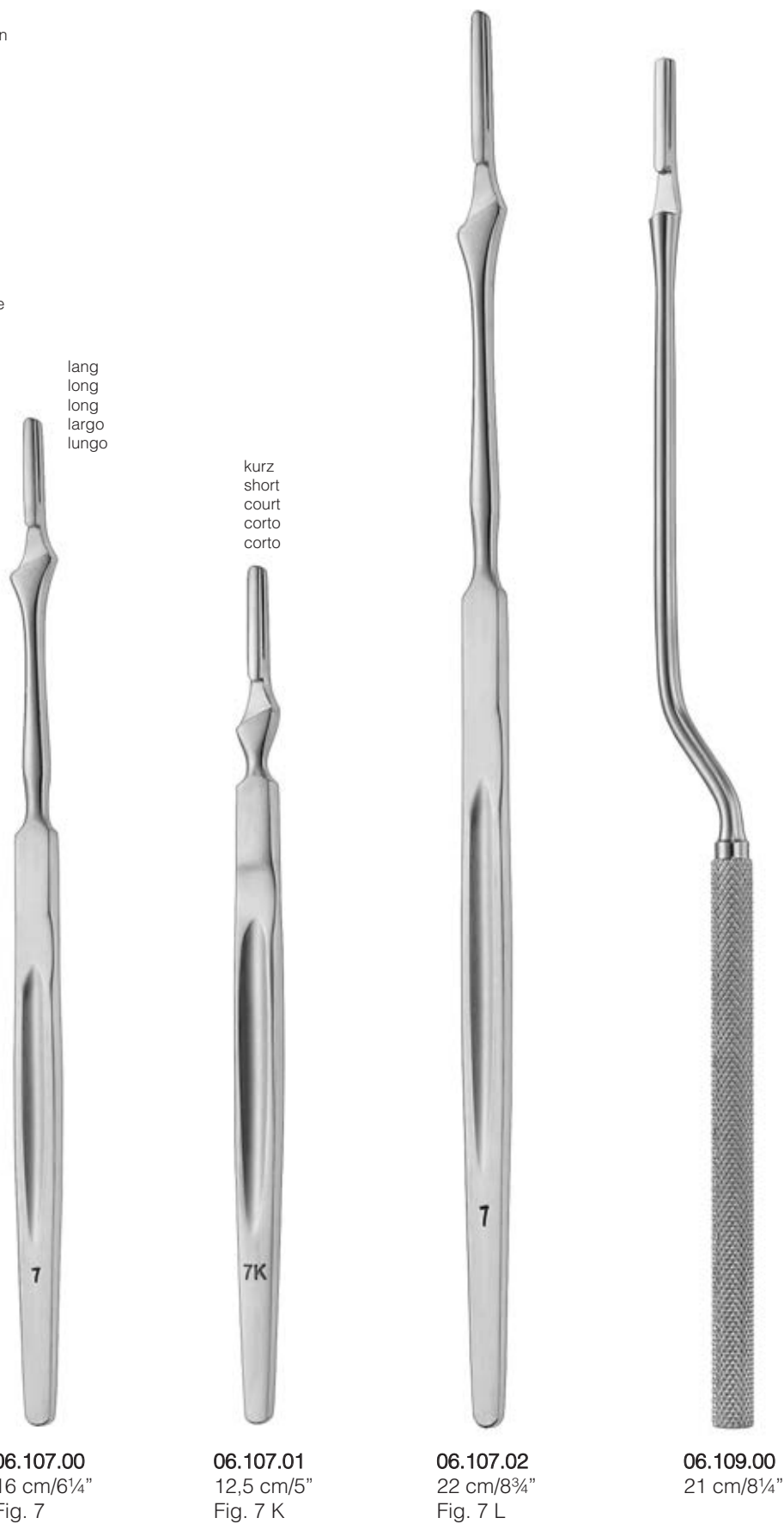


Fig.
3

Skalpelli, 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

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

Fig.
 4



06.104.00
 13,5 cm/5¼"
 Fig. 4



06.104.01
 13,5 cm/5¼"
 Fig. 4



06.104.02
 21 cm/8¼"
 Fig. 4 L



06.104.06
 21 cm/8¼"
 Fig. 4 L

lang
 long
 long
 largo
 lungo

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

**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



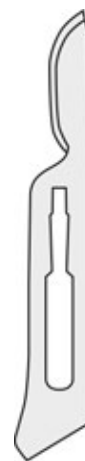
06.110.00
Fig. 10



06.111.00
Fig. 11



06.112.00
Fig. 12



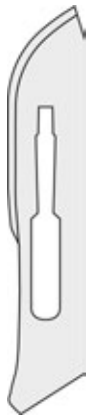
06.115.00
Fig. 15

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 Skalpellingriff 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



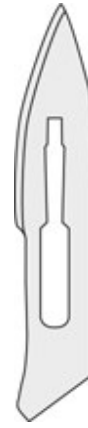
06.120.00
Fig. 20



06.121.00
Fig. 21



06.122.00
Fig. 22

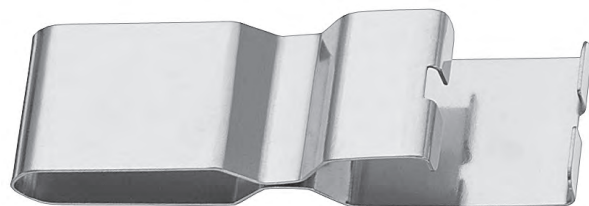


06.123.00
Fig. 23



06.124.00
Fig. 24

Skalpellinge-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"

Mikro Skalpellgriffe, Mikro-Skalpellklingen

Micro scalpel handles, micro scalpel blades
Micro manches pour bistouris, micro lame de bistouris
Micro mangos de bisturí, micro hojas de bisturí
Micro manici per bisturi, micro lame per bisturi



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

LANDOLT
40.857.25
25 cm/10"

Klingenhalter, Klingenbrecher

Blade holders, blade breakers

Pincettes pour saisir et casser les lames de rasoir

Porta-hojas, rompe-hojas de afeitár

Pinze per afferrare e rompere le lamette da rasoio

Rasierklingen brechbar, Packung mit 10 Stück
Razor blades breakable, package with 10 pieces
Lames de rasoir cassable, boîte de 10 pièces
Hojas de afeitár 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"

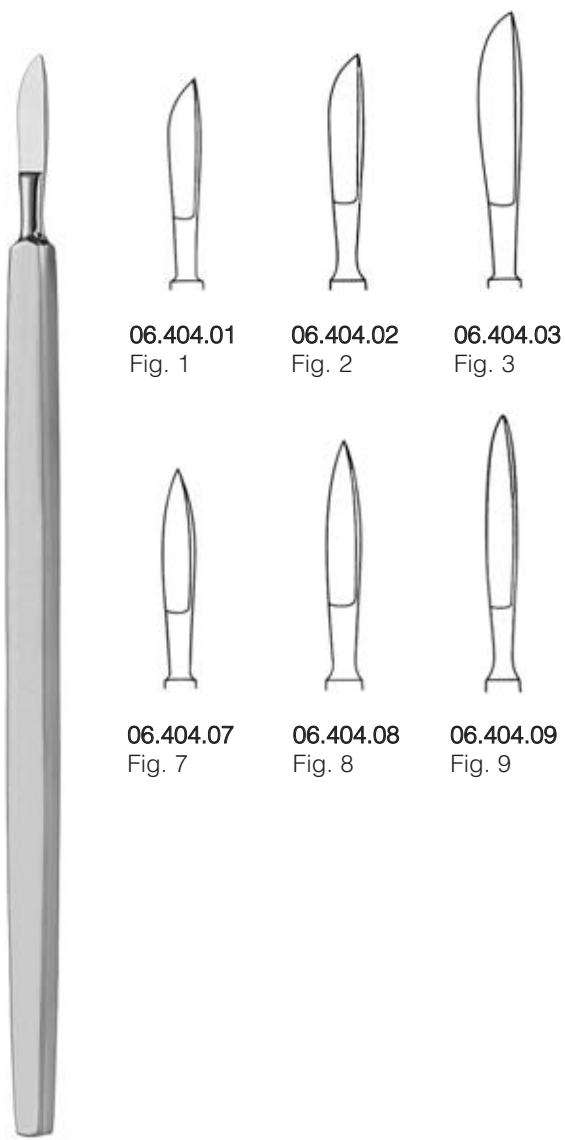


CASTROVIEJO
06.292.18
18 cm/7"

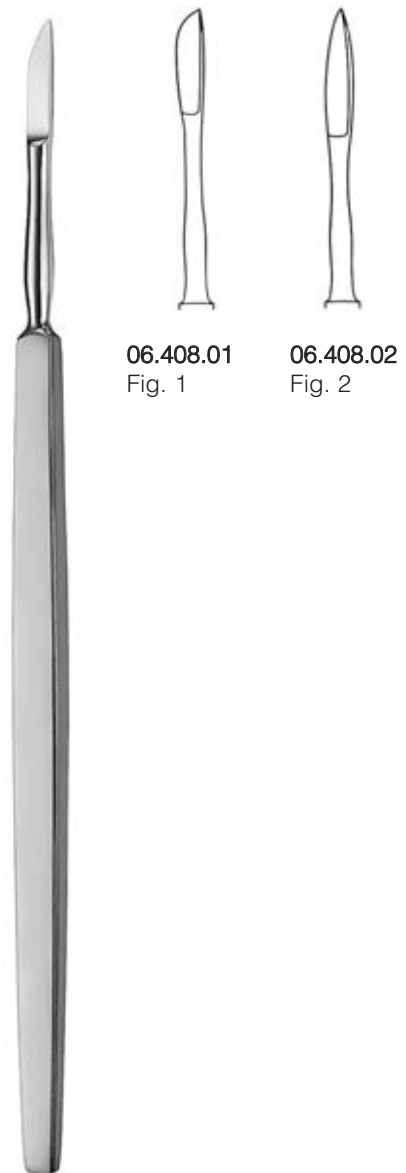


CASTROVIEJO
06.294.13
13 cm/5"

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



DIEFFENBACH
13 cm/5"



PARKER
14 cm/5½"

03



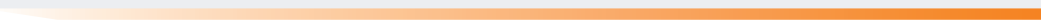
◆ SCHEREN

SCISSORS

CISEAUX

TIJERAS

FORBICI



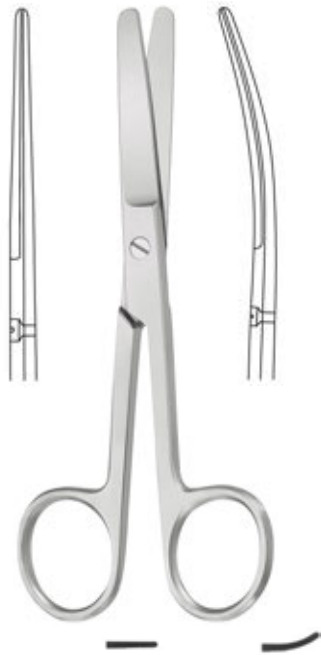
Chirurgische Scheren

Operating scissors

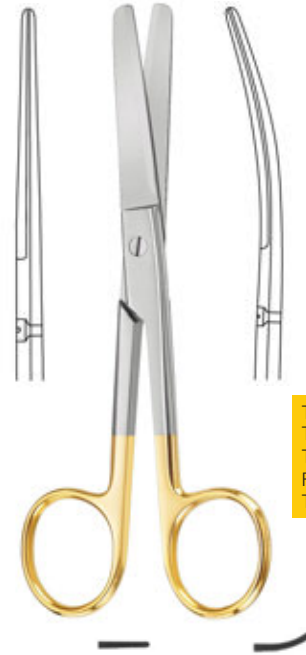
Ciseaux à chirurgie

Tijeras para cirugía

Forbici per chirurgia



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



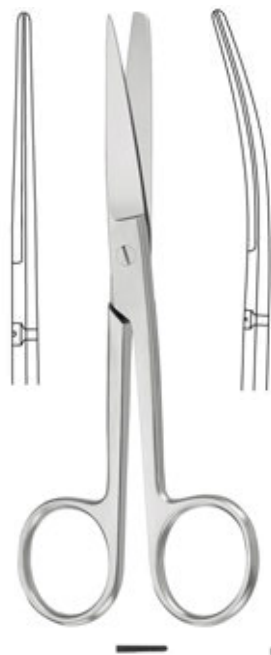
SUPERCUT

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

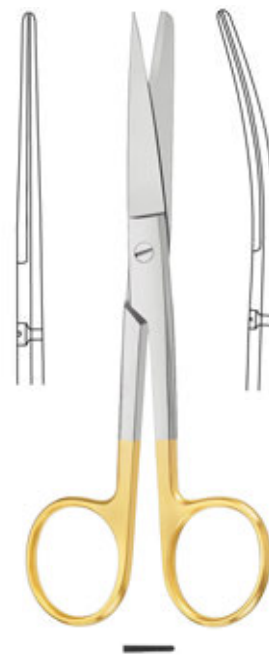


TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

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

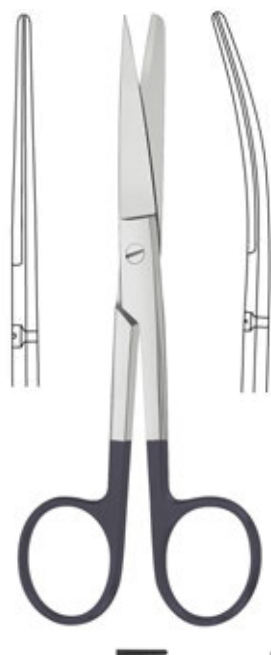


10,5 cm/4¼"	08.110.10	08.111.10
11,5 cm/4½"	08.110.11	08.111.11
13 cm/5"	08.110.13	08.111.13
14,5 cm/5¾"	08.110.14	08.111.14
15,5 cm/6¼"	08.110.15	08.111.15
16,5 cm/6½"	08.110.16	08.111.16
18,5 cm/7¼"	08.110.18	08.111.18
20 cm/8"	08.110.20	08.111.20



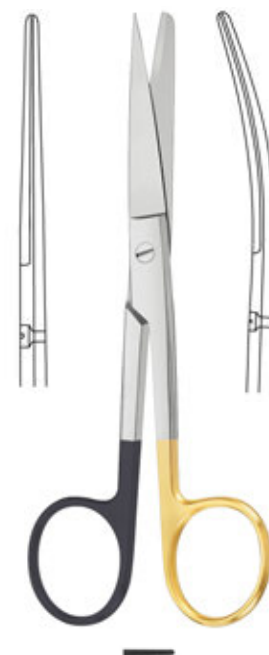
TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

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



SUPER CUT

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

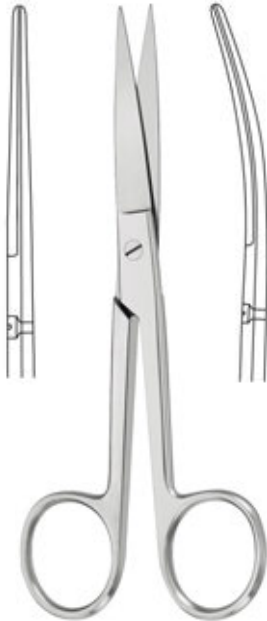
Chirurgische Scheren

Operating scissors

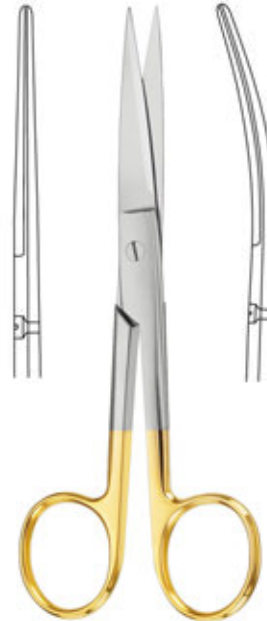
Ciseaux à chirurgie

Tijeras para cirugía

Forbici per chirurgia

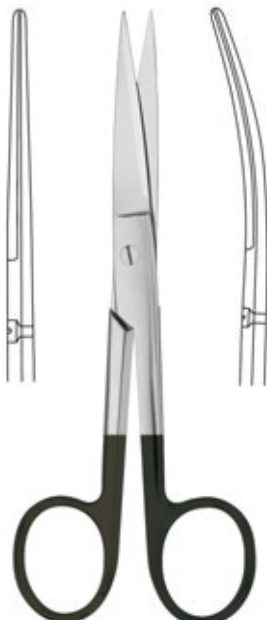


10,5 cm/4¼"	08.120.10	08.121.10
11,5 cm/4½"	08.120.11	08.121.11
13 cm/5"	08.120.13	08.121.13
14,5 cm/5¾"	08.120.14	08.121.14
15,5 cm/6¼"	08.120.15	08.121.15
16,5 cm/6½"	08.120.16	08.121.16
18,5 cm/7¼"	08.120.18	08.121.18
20 cm/8"	08.120.20	08.121.20



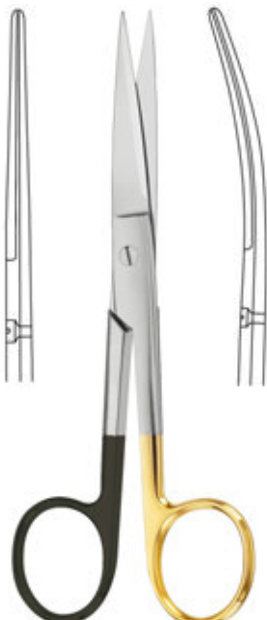
TC-Schneiden
TC cutting edges
Tranchant TC
Filos de corte TC
Taglio TC

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
déliçats
finas
delicate

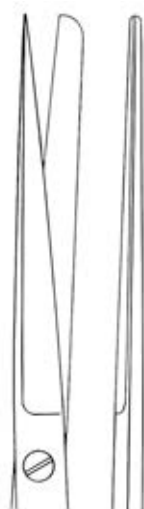


14,5 cm/5¾"



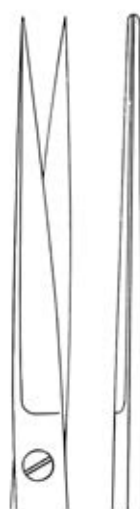
08.122.01

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



08.122.02

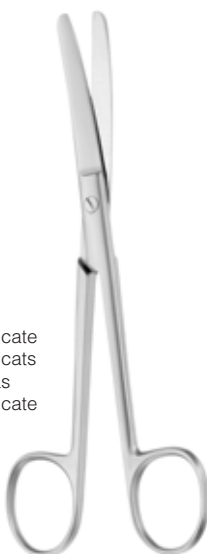
spitz/stumpf
sharp/blunt
pointue/mousse
aguda/romo
acuta/smusso



08.122.03

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

fein
delicate
déliçats
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

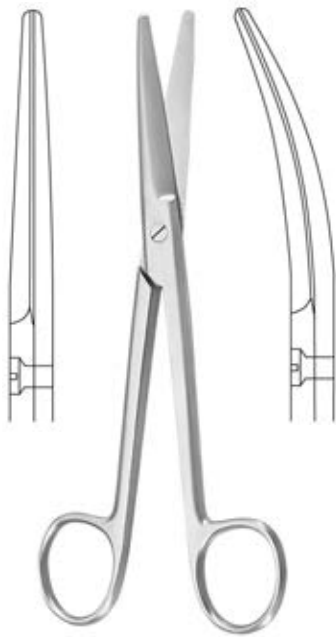


08.123.03

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

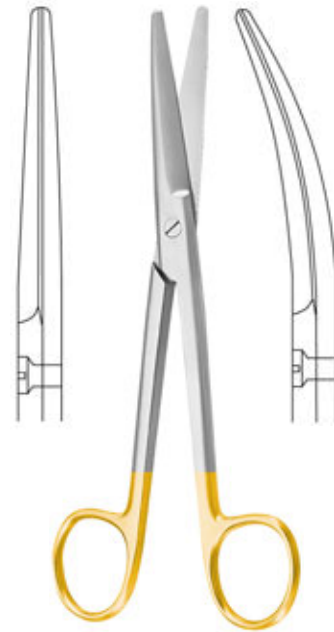
Präparierscheren

Dissecting scissors
Ciseaux à dissection
Tijeras de disección
Forbici per dissezione



MAYO

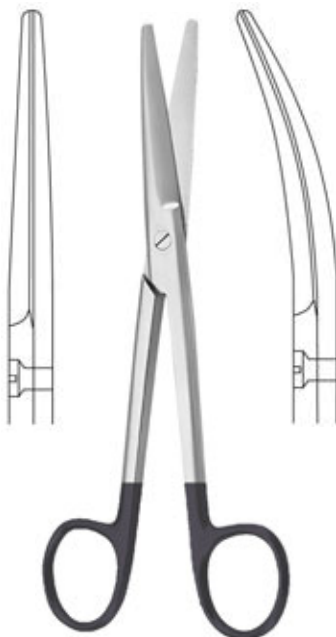
14,5 cm/5¾"	08.160.14	08.161.14
15,5 cm/6"	08.160.15	08.161.15
17 cm/6¾"	08.160.17	08.161.17
19 cm/7½"	08.160.19	08.161.19
23 cm/9"	08.160.23	08.161.23
28 cm/11"	08.160.28	08.161.28



MAYO

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

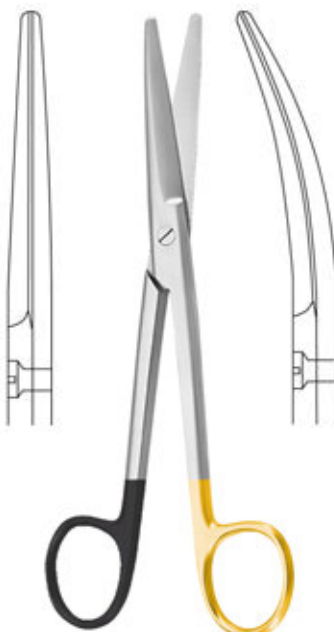
14,5 cm/5¾"	08.164.14	08.165.14
17 cm/6¾"	08.164.17	08.165.17
23 cm/9"	08.164.23	08.165.23



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

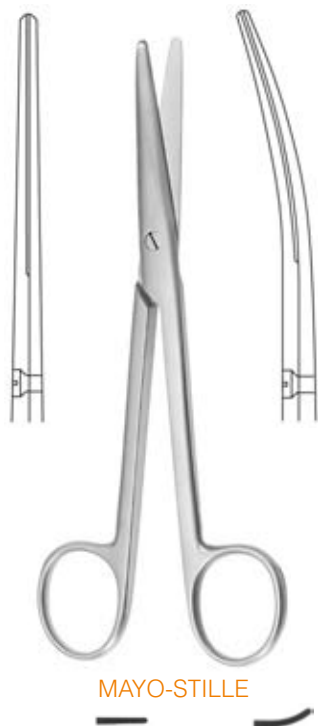
SUPERCUT



MAYO

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

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



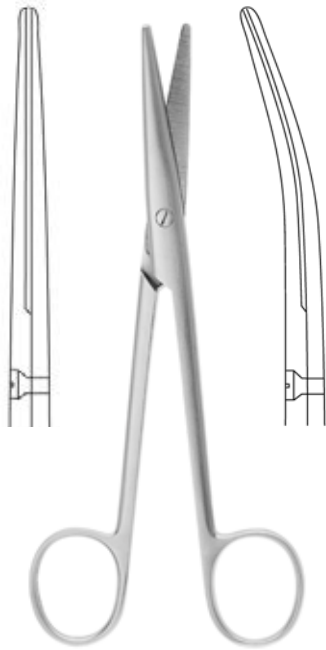
MAYO-STILLE

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

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

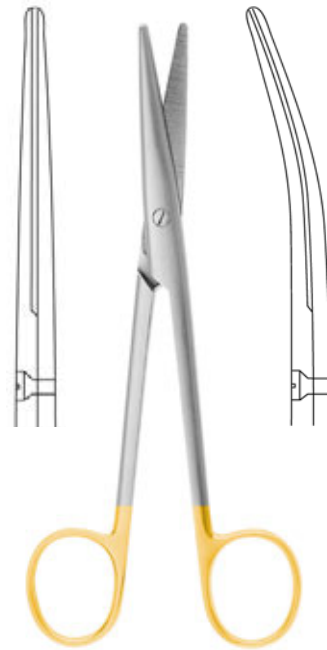
Präparierscheren

Dissecting scissors
 Ciseaux à dissection
 Tijeras de disección
 Forbici per dissezione



LEXER

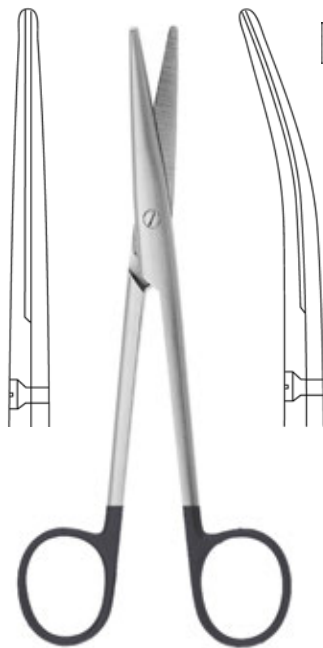
16 cm/6¼"	08.190.16	08.191.16
21 cm/8¼"	08.190.21	08.191.21



LEXER

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

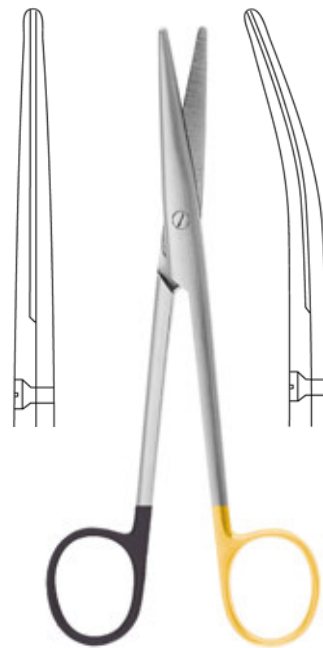
TC-Schneiden
 TC cutting edges
 Tranchant TC
 Filos de corte TC
 Taglio TC



LEXER

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

SUPERCUT



LEXER

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

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



LITTLER
 12 cm/4¾" **08.205.12**
 14 cm/5½" **08.205.14**



DEBAKEY
08.215.17
 17,5 cm/7"

Präparierscheren

Dissecting scissors
Ciseaux à dissection
Tijeras de disección
Forbici per dissezione



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



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

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



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

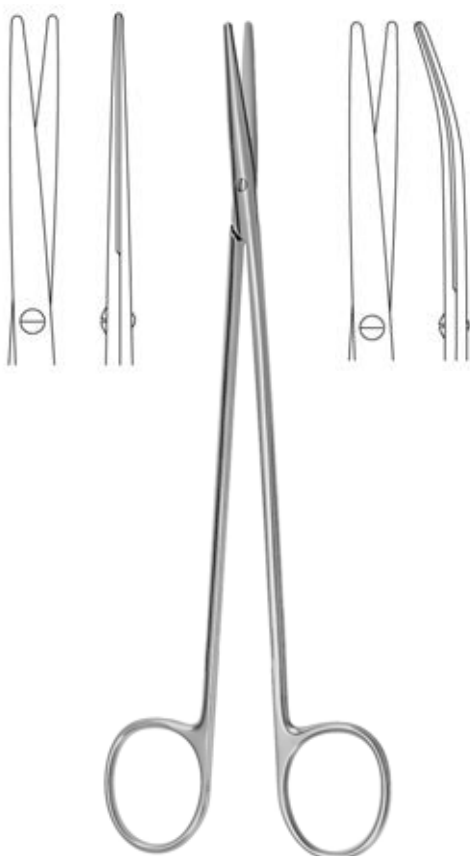


METZENBAUM

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

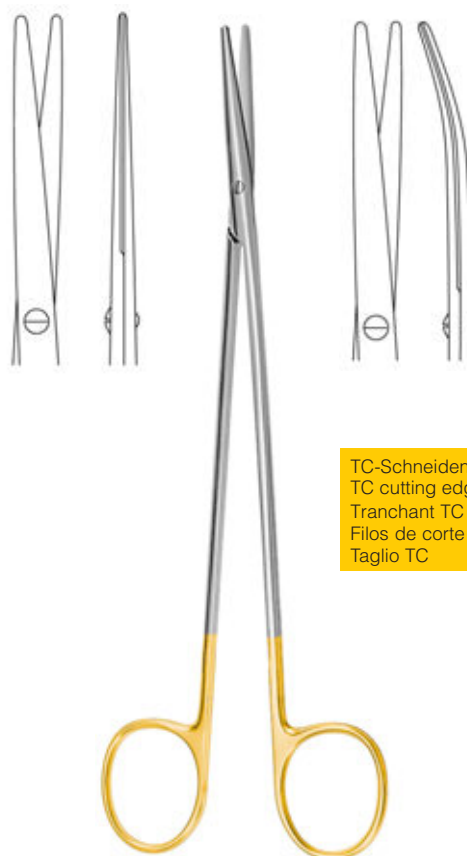
SUPERCUT

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



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



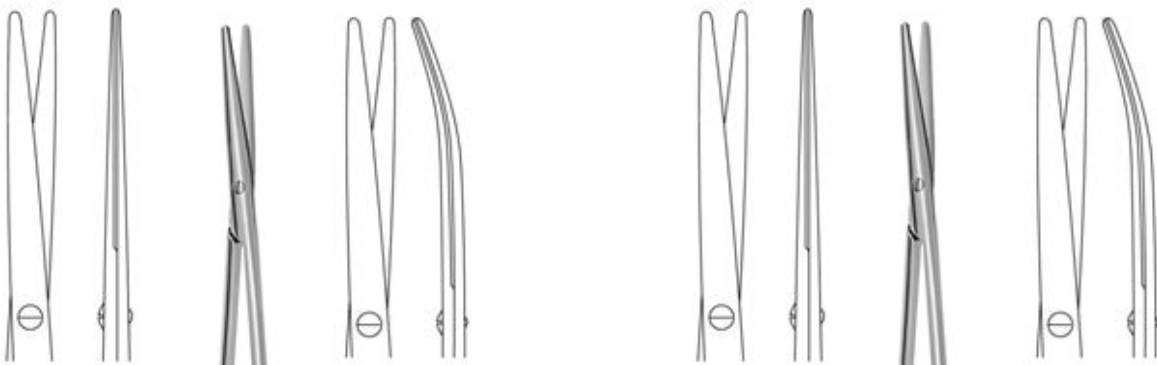
METZENBAUM FINO

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

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

Präparierscheren

Dissecting scissors
 Ciseaux à dissection
 Tijeras de disección
 Forbici per dissezione



SUPERCUT

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



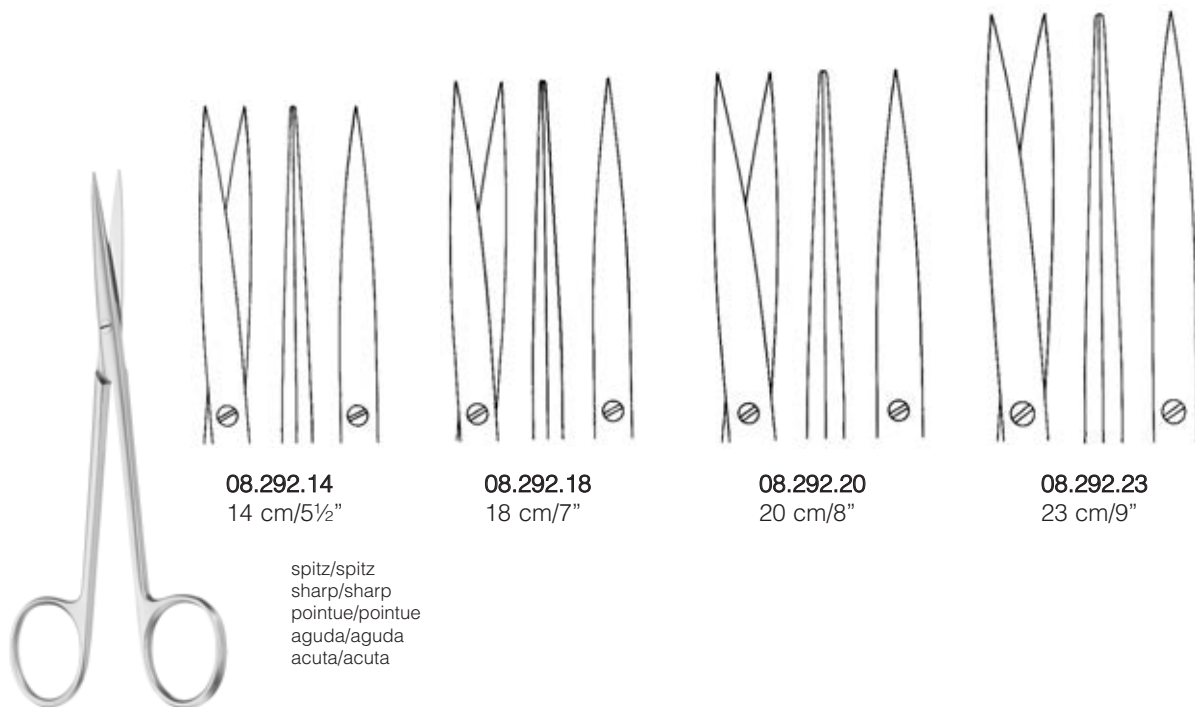
METZENBAUM FINO



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

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"

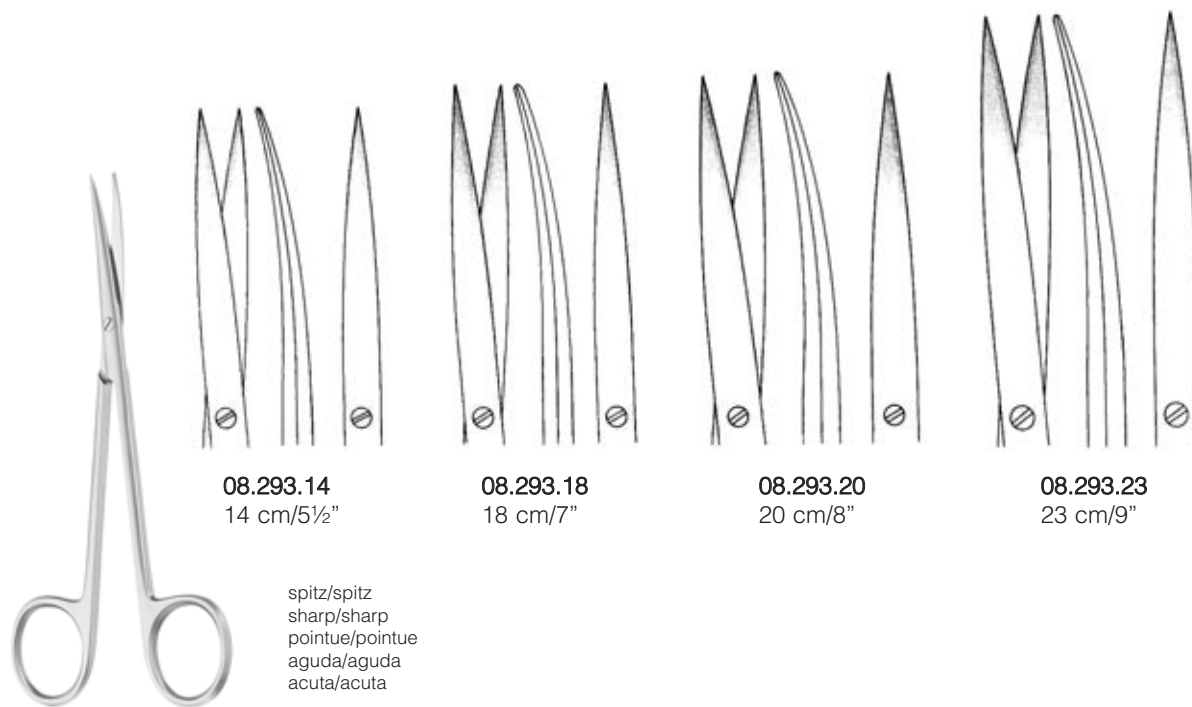
08.292.18
 18 cm/7"

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

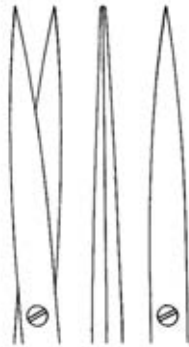
METZENBAUM FINO

Präparierscheren

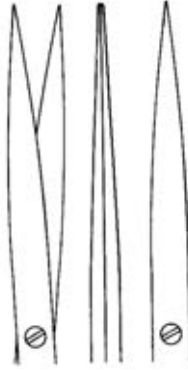
Dissecting scissors
Ciseaux à dissection
Tijeras de disección
Forbici per dissezione



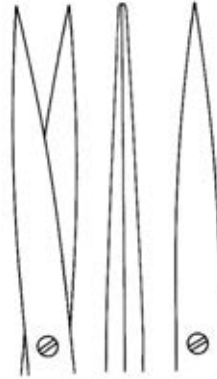
METZENBAUM FINO



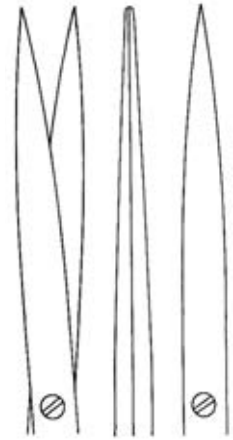
08.296.14
14,5 cm/5¾"



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

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



METZENBAUM FINO



08.297.14
14,5 cm/5¾"



08.297.18
18 cm/7"

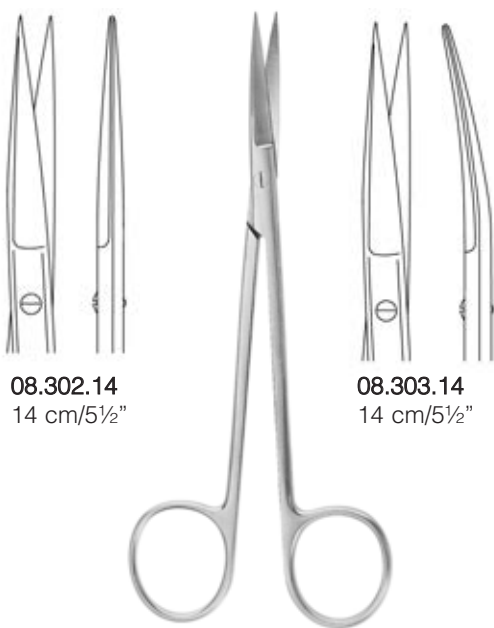
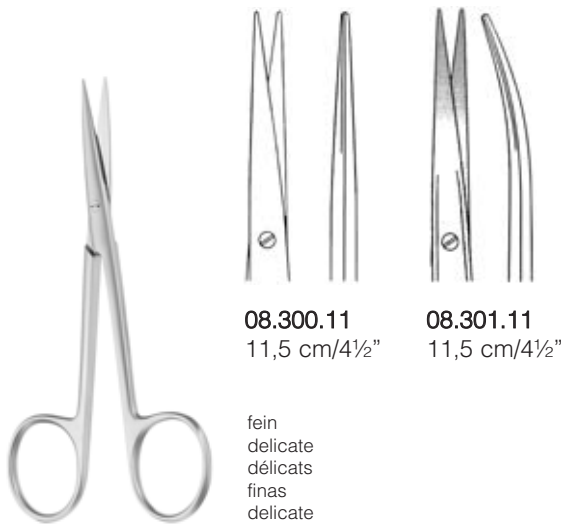


08.297.20
20 cm/8"

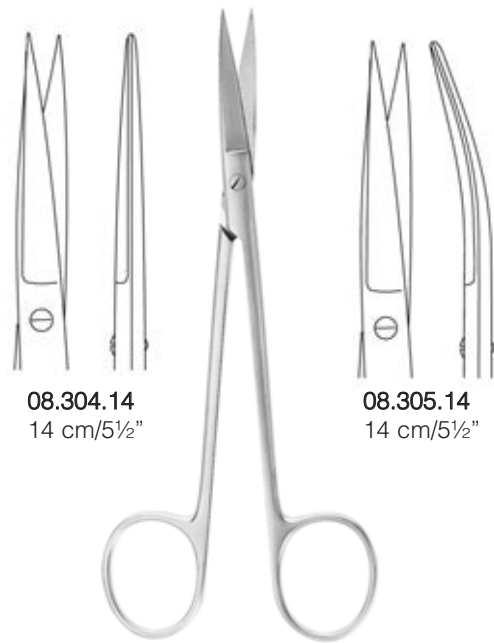


08.297.23
23 cm/9"

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



SANVENERO



JOSEPH

Präparierscheren

Dissecting scissors
Ciseaux à dissection
Tijeras de disección
Forbici per dissezione



KILNER

12 cm/4¾" **08.310.12**
15 cm/6" **08.310.15**



KILNER

12 cm/4¾" **08.314.12**
15 cm/6" **08.314.15**

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



KILNER

12 cm/4¾" **07.310.12**
15 cm/6" **07.310.15**

SUPERCUT



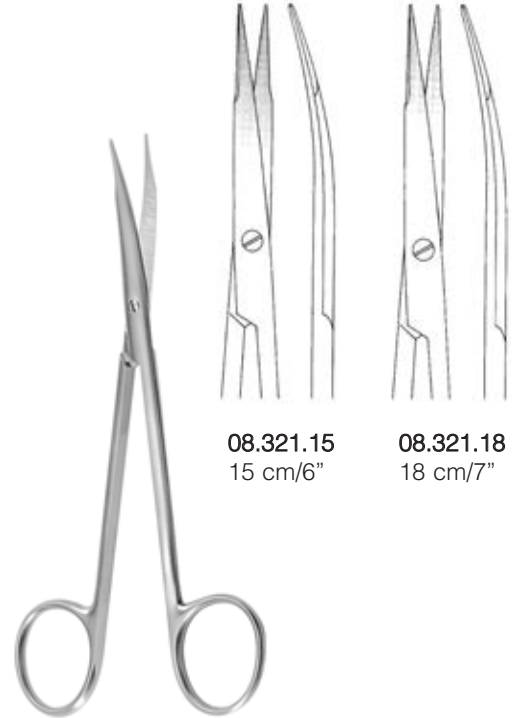
KILNER

12 cm/4¾" **07.314.12**
15 cm/6" **07.314.15**

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



REYNOLDS
08.320.15
 15 cm/6"



08.321.15
 15 cm/6"

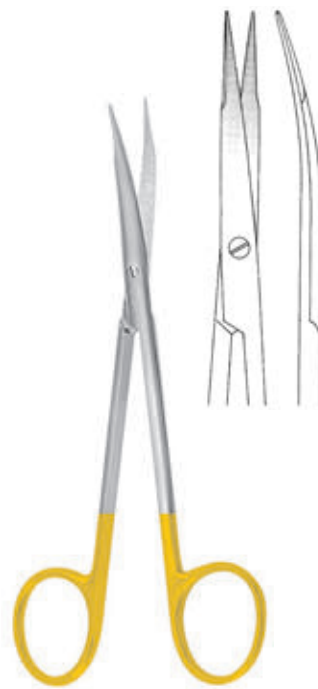
08.321.18
 18 cm/7"

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"

Irisscheren

Iris scissors
Ciseaux à iridectomie
Tijeras para iridectomía
Forbici per iridectomia

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

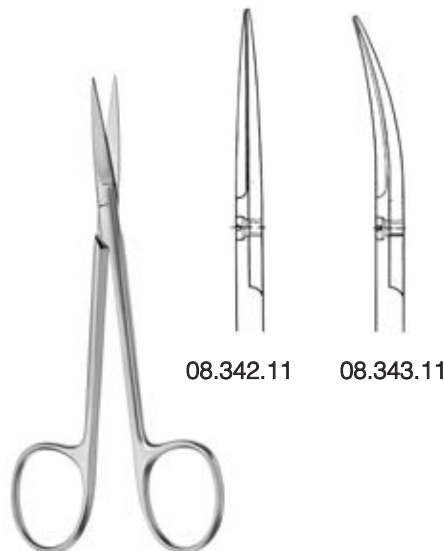
11,5 cm/4½"



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

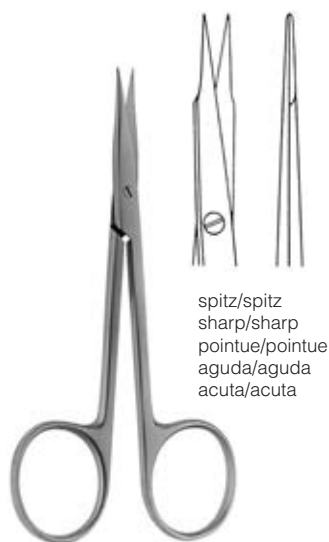
11,5 cm/4½"



IRIS

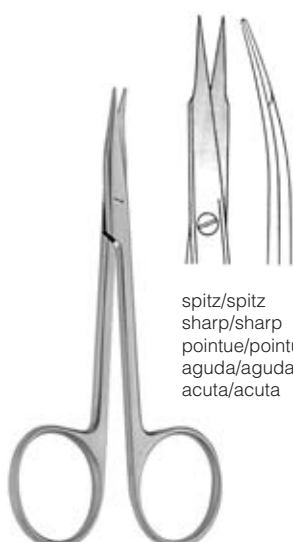
08.353.11

11,5 cm/4½"



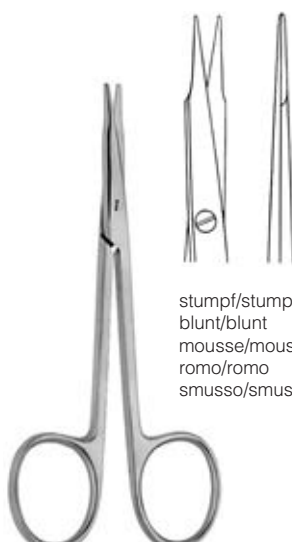
spitz/spitz
 sharp/sharp
 pointue/pointue
 aguda/aguda
 acuta/acuta

STEVENS
08.360.11
 10,5 cm/4½"



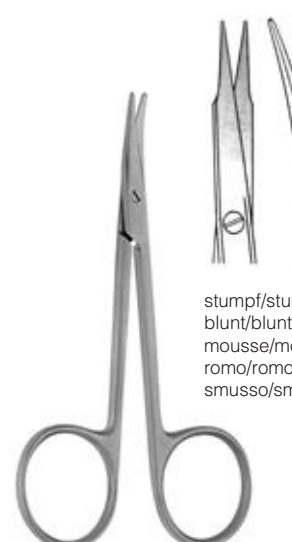
spitz/spitz
 sharp/sharp
 pointue/pointue
 aguda/aguda
 acuta/acuta

STEVENS
08.361.11
 10,5 cm/4½"



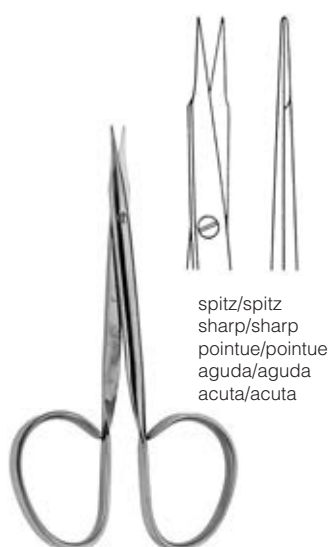
stumpf/stumpf
 blunt/blunt
 mousse/mousse
 romo/romo
 smusso/smusso

STEVENS
08.362.11
 10,5 cm/4½"



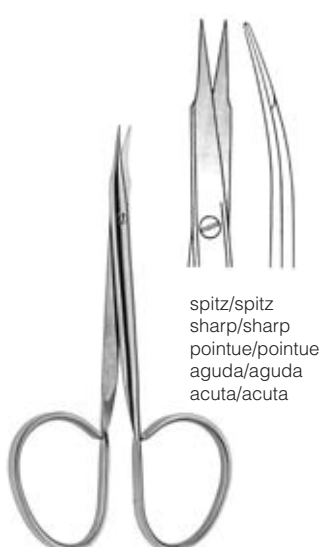
stumpf/stumpf
 blunt/blunt
 mousse/mousse
 romo/romo
 smusso/smusso

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"



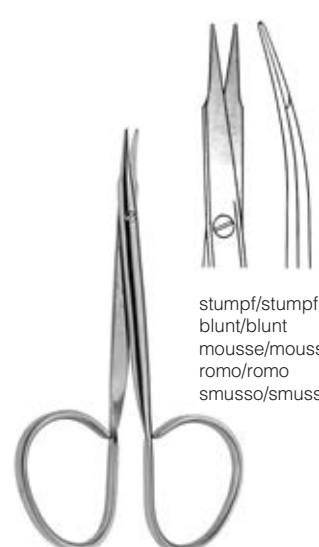
spitz/spitz
 sharp/sharp
 pointue/pointue
 aguda/aguda
 acuta/acuta

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"

Feine Scheren, Strabismusscheren

Delicate scissors, strabismus scissors
 Ciseaux délicats, ciseaux à strabisme
 Tijeras finas, tijeras para estrabismo
 Forbici delicate, forbici per strabismo

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



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

gezahnt
 toothed
 dentelés
 dentadas
 dentate



Trigeminusschere
 (auch für die Nase)

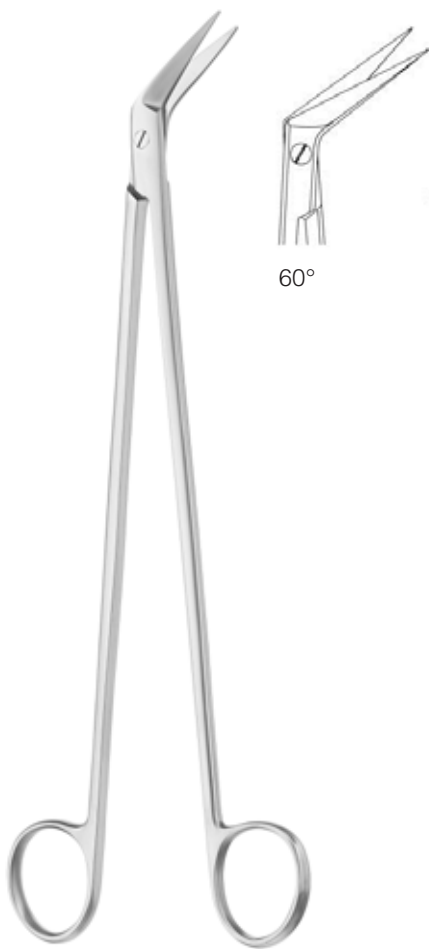
Trigeminal scissors
 (also for nose)

Ciseaux pour le nerf trigéminale
 (aussi pour le nez)

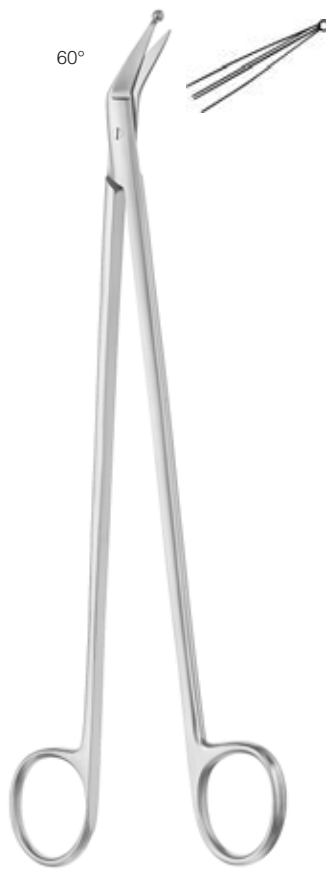
Tijeras para nervio trigémino
 (también para la nariz)

Forbici per il nervo trigemino
 (anche per il naso)

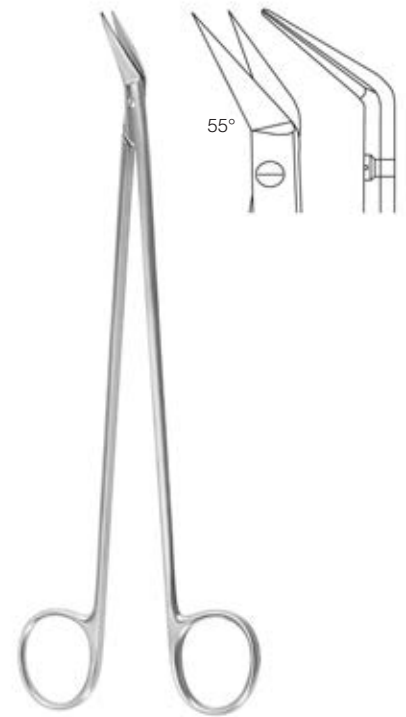
OLIVECRONA
 08.475.23
 23 cm/9"



POTTS DE MARTEL
21 cm/8¼" **08.473.21**
24 cm/9½" **08.473.24**



MILLS
08.475.22
22 cm/8¾"



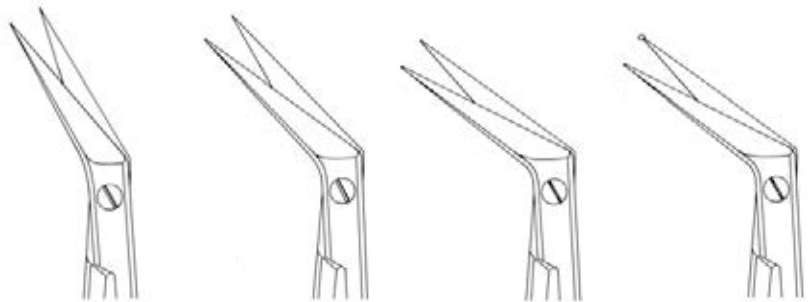
POTTS-SMITH
08.480.18
18,5 cm/7¼"

Gefäßscheren

Vascular scissors
Ciseaux vasculaires
Tijeras vasculares
Forbici vascolari



POTTS-SMITH

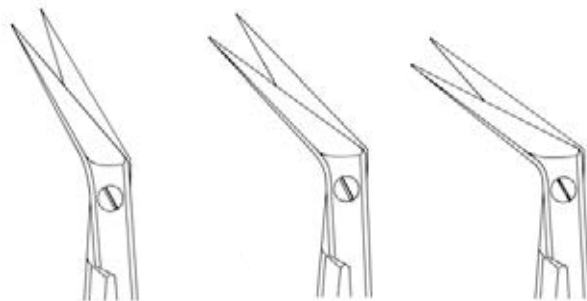


	25°	40°	60°	60°
19 cm/7½"	08.480.25	08.480.40	08.480.60	08.480.61



POTTS-SMITH

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

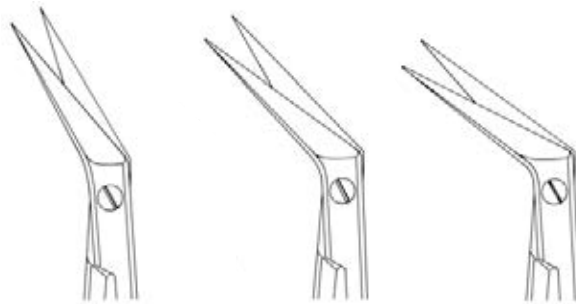


	25°	40°	60°
19 cm/7½"	08.484.25	08.484.40	08.484.60

SUPERCUT



POTTS-SMITH

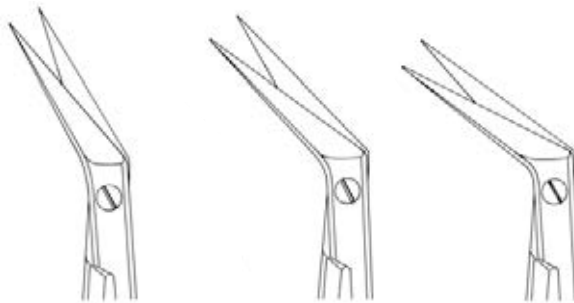


	25°	40°	60°
19 cm/7½"	07.480.25	07.480.40	07.480.60



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

Gefäßscheren

Vascular scissors

Ciseaux vasculaires

Tijeras vasculares

Forbici vascolari



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



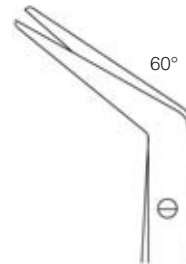
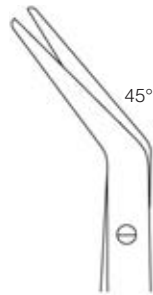
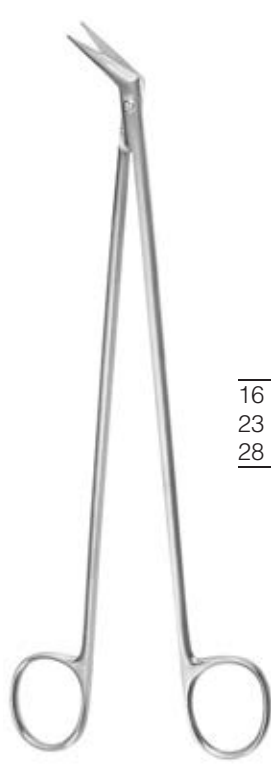
DIETHRICH

16 cm/6¼"	08.485.92
18 cm/7"	08.487.25



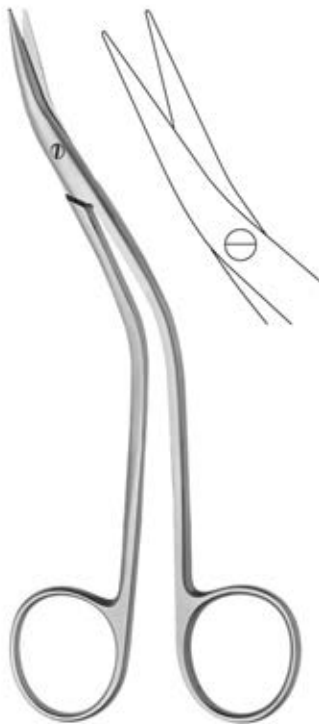
DIETHRICH

08.488.25
18 cm/7"

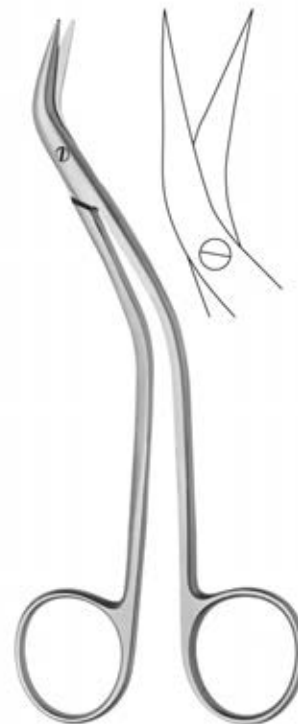


	25°	45°	60°
16 cm/6¼"	08.490.16	08.491.16	08.492.16
23 cm/9"	08.490.23	08.491.23	08.492.23
28 cm/11"	08.490.28	08.491.28	08.492.28

DE BAKEY



DE BAKEY
08.495.15
 15,5 cm/6"

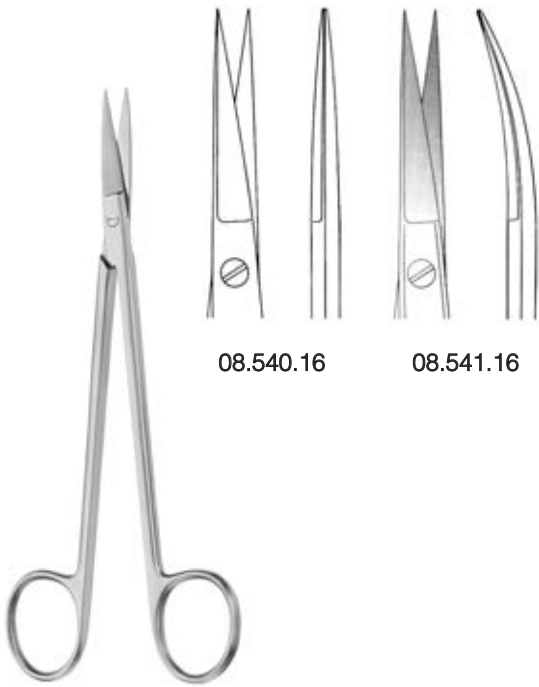


DE BAKEY
08.497.15
 15,5 cm/6"

Präparierscheren

Dissecting scissors
Ciseaux à dissection
Tijeras de disección
Forbici per dissezione

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

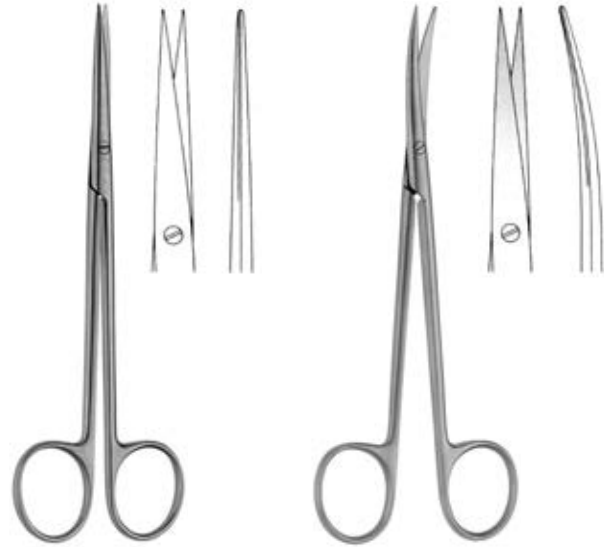


08.540.16

08.541.16

KELLY

16 cm/6¼"



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"

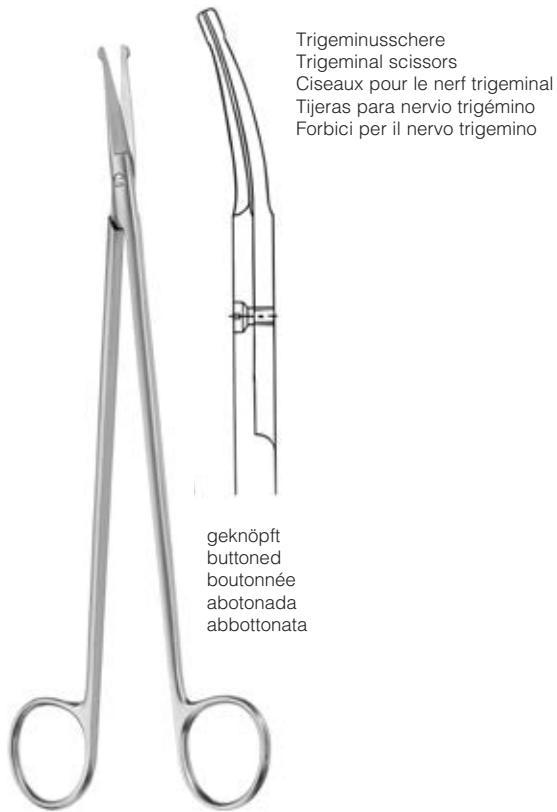


08.584.15
15 cm/6"

fein
delicate
délicats
finas
delicate

08.585.18
18 cm/7"

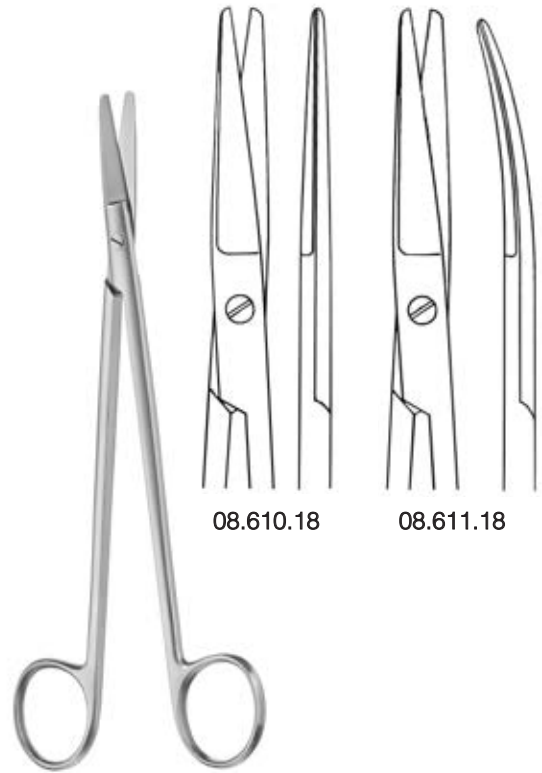
JAMESON



Trigeminusschere
 Trigeminal scissors
 Ciseaux pour le nerf trigéminal
 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"



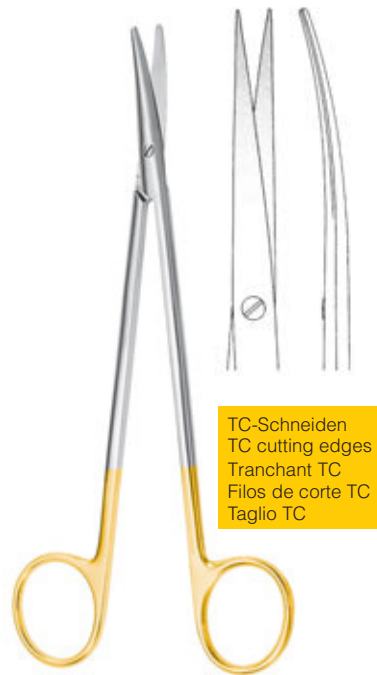
08.609.17

sehr fein
 very delicate
 très délicats
 muy finas
 molto delicate

08.609.18

fein
 delicate
 délicats
 finas
 delicate

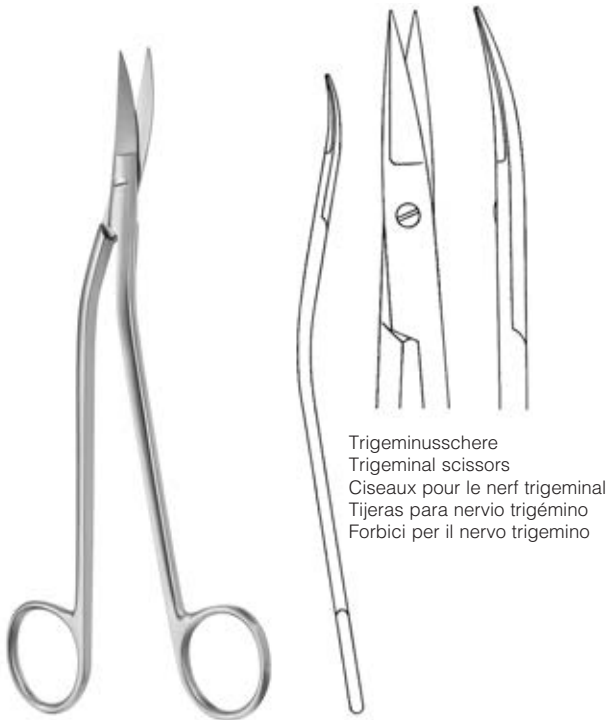
TOENNIS ADSON
 17,5 cm/7"



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

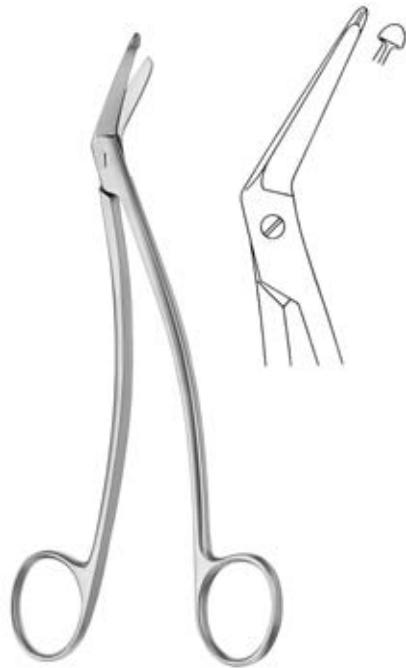
TOENNIS-ADSON
08.613.17
 17 cm/6¾"

Scheren für Neurochirurgie
 Neurosurgical scissors
 Ciseaux neurochirurgicaux
 Tijeras para cirugía neurocirugía
 Forbici neurochirurgiche



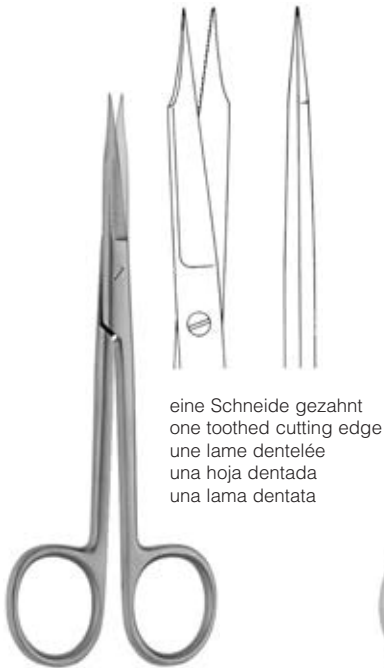
Trigeminusschere
 Trigeminal scissors
 Ciseaux pour le nerf trigéminal
 Tijeras para nervio trigémino
 Forbici per il nervo trigemino

DANDY
08.617.17
 17 cm/6¾"



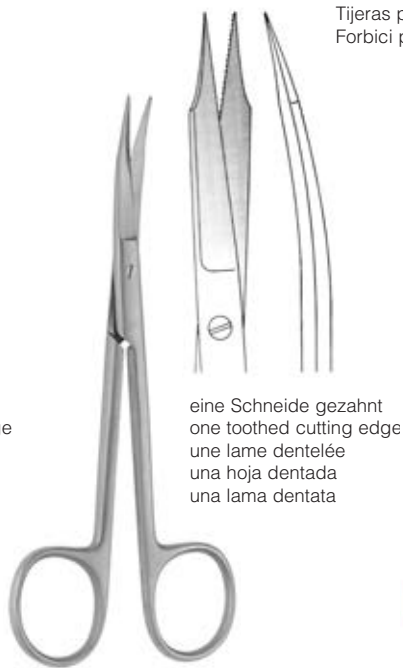
SCHMIEDEN TAYLOR
08.619.17
 17 cm/6¾"

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"

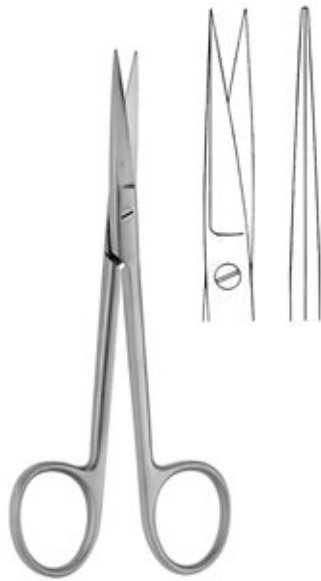


TC-Schneiden
 TC cutting edges
 Tranchant TC
 Filos de corte TC
 Taglio TC

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"



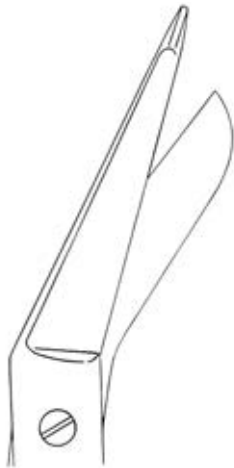
eine Schneide gezahnt
 one toothed cutting edge
 une lame dentelée
 una hoja dentada
 una lama dentata

UNIVERSAL
08.835.12
 12 cm/4¾"

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

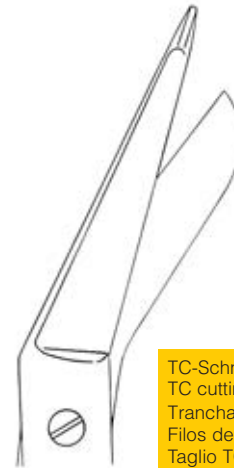
Verbandsscheren

Bandage scissors
Ciseaux à bandages
Tijeras para vendajes
Forbici per bendaggi



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	blau	grün	rot	gelb	weiß
black	blue	green	red	yellow	white
noir	bleu	vert	rouge	jaune	blanc
negro	azul	verde	rojo	amarillo	blanco
nero	blu	verde	rosso	giallo	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



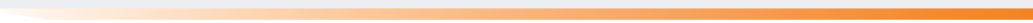
◆ **MIKRO-SCHEREN**

MICRO SCISSORS

MICRO-CISEAUX

MICRO TIJERAS

MICRO FORBICI



Mikro-Scheren

Micro scissors
Micro-ciseaux
Micro tijeras
Micro forbici



CASTROVIEJO
10 cm/4"



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



VANNAS
8 cm/3 1/4"



09.140.08



09.141.08



09.143.08



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



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

14 cm/5 1/2"	09.202.14	09.203.14
15 cm/6"	09.202.15	09.203.15
16,5 cm/6 1/2"	09.202.16	09.203.16
18 cm/7"	09.202.18	09.203.18

16,5 cm/6 1/2"	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"

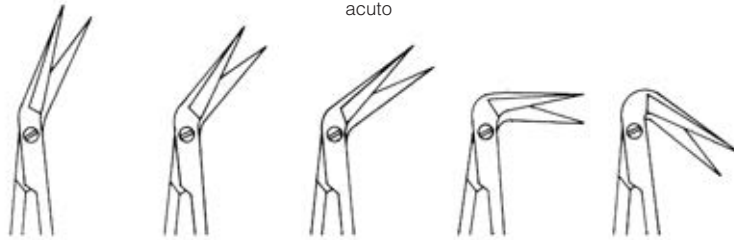
Mikro-Gefäßscheren

Vascular micro scissors
 Micro-ciseaux vasculaires
 Tijeras microquirúrgicas vasculares
 Forbici micro-chirurgici vascolari



18 cm/7"

Schneideblatt
 Cutting edge
 Lame
 Filo cortante
 Filo di lama

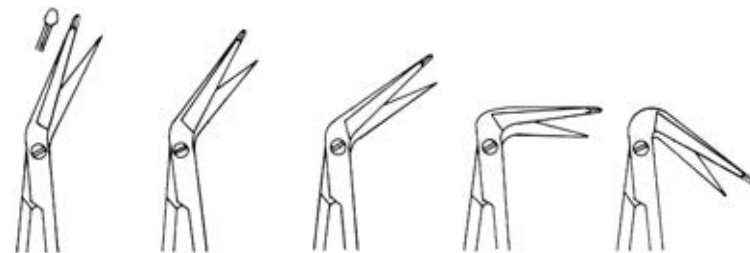


25° 45° 60° 90° 125°

spitz
 sharp
 pointu
 agudo
 acuto

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

Schneideblatt
 Cutting edge
 Lame
 Filo cortante
 Filo di lama



25° 45° 60° 90° 125°

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

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



45°

09.245.20
20 cm/8"



45°

09.246.20
20 cm/8"



125°

09.247.19
19 cm/7½"

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

Mikro-Scheren

Micro scissors
Micro-ciseaux
Micro tijeras
Micro forbici

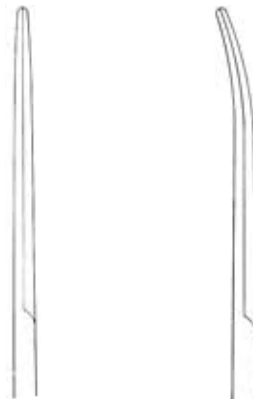


YASARGIL



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

gezahnt
 toothed
 dentelés
 dentadas
 dentate



22,5 cm/9"
 24,5 cm/9¾"

09.250.22

09.252.22

09.251.22

09.253.22

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"

Mikro-Scheren

Micro scissors
Micro-ciseaux
Micro tijeras
Micro forbici



YASARGIL

YASARGIL

12 cm/4 ³ / ₄ "	09.260.12	09.261.12
16 cm/6 ¹ / ₄ "	09.260.16	09.261.16
18,5 cm/7 ¹ / ₄ "	09.260.18	09.261.18



VANNAS

VANNAS

VANNAS

12 cm/4 ³ / ₄ "	09.262.12	09.263.12	09.265.12
16 cm/6 ¹ / ₄ "	09.262.16	09.263.16	



gezahnt
toothed
dentelés
dentadas
dentate



gezahnt
toothed
dentelés
dentadas
dentate

MILLES

09.270.16
16 cm/6¹/₄"

MILLES

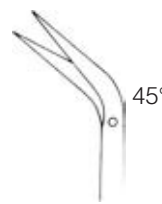
09.271.16
16 cm/6¹/₄"



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

BIEMER

09.264.13
13 cm/5"



45°

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

POTTS-YASARGIL

09.261.19
18,5 cm/7¹/₄"



09.266.18

18,5 cm/7¼"



09.267.18



09.268.18

VANNAS
18,5 cm/7¼"



09.269.18



JACOBSON
09.257.19
19 cm/7½"

Mikro-Scheren

Micro scissors
Micro-ciseaux
Micro tijeras
Micro forbici

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



18 cm/7"	09.302.18	09.303.18
----------	-----------	-----------

SUPERCUT



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 feinfühlig 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

Mikro-Gefäßscheren

Vascular micro scissors

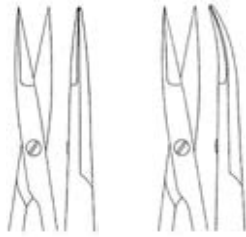
Micro-ciseaux vasculaires

Tijeras microquirúrgicas vasculares

Forbici micro-chirurgici vascolari



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

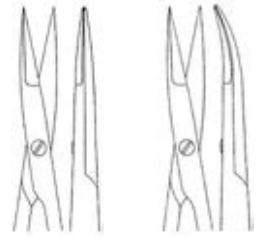


15 cm/6"	09.710.15	09.711.15
18 cm/7"	09.710.18	09.711.18
21 cm/8¼"	09.710.21	09.711.21
23 cm/9"	09.710.23	09.711.23

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



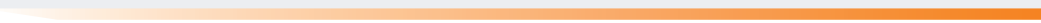
◆ **PINZETTEN**

THUMB & TISSUE FORCEPS

PINCES

PINZAS

PINZE



Pinzetten

Thumb and tissue forceps
 Pincès à dissection
 Pinzas de disección
 Pinze per dissezione

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



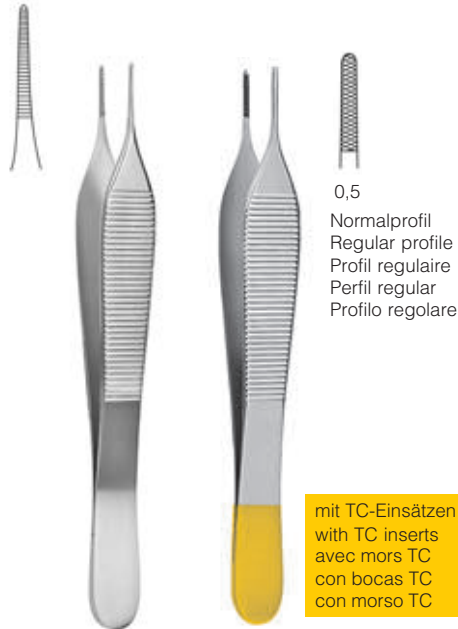
11,5 cm/4½"	10.140.11
13 cm/5"	10.140.13
14,5 cm/5¾"	10.140.14
16 cm/6¼"	10.140.16
18 cm/7"	10.140.18
20 cm/8"	10.140.20
25 cm/10"	10.140.25

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



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

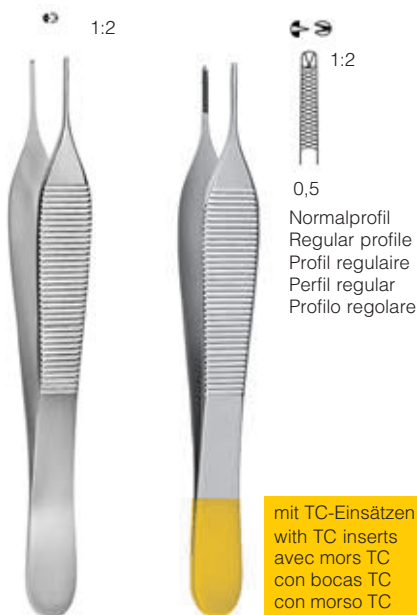
ADSON

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

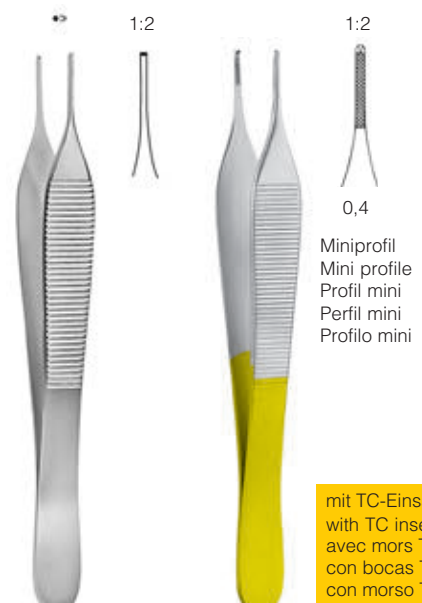
12 cm/4¾"	10.176.12
15 cm/6"	10.176.15



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	



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

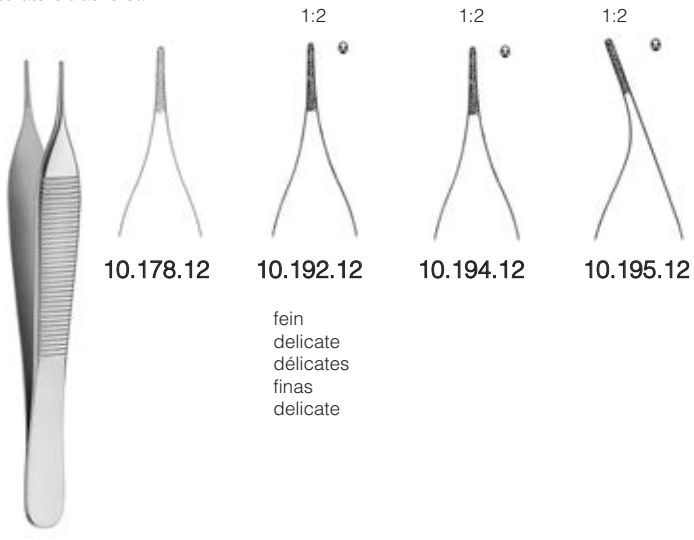
ADSON micro

12 cm/4¾"	10.186.12	10.173.12
15 cm/6"	10.186.15	10.173.15
18 cm/7"	10.186.18	

Pinzetten

Thumb and tissue forceps
 Pincès à dissection
 Pinzas de disección
 Pinze per dissezione

kreuzgerieft
 cross serrated
 striure en croix
 estrias cruzadas
 striature trasversali



10.178.12

10.192.12

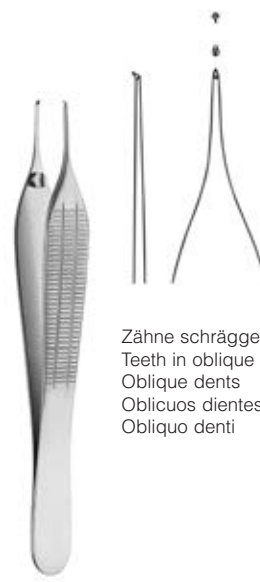
10.194.12

10.195.12

fein
 delicate
 délicates
 finas
 delicate

ADSON
 12 cm/4¾"

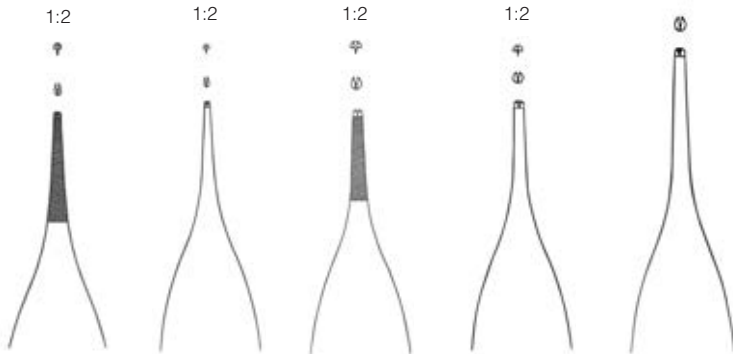
1:2



Zähne schräggestellt
 Teeth in oblique position
 Oblique dents
 Obliquos dentes
 Obliquo denti

ADSON-BIEMER
 10.187.12
 12 cm/4¾"

kreuzgerieft
 cross serrated
 striure en croix
 estrias cruzadas
 striature trasversali



10.191.12
 12 cm/4¾"

10.196.12
 12 cm/4¾"

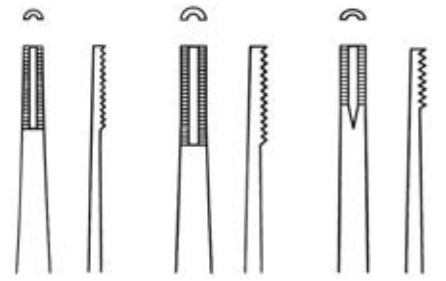
10.197.12
 12 cm/4¾"

10.198.12
 12 cm/4¾"

10.198.15
 15 cm/6"

fein
 delicate
 délicates
 finas
 delicate

ADSON

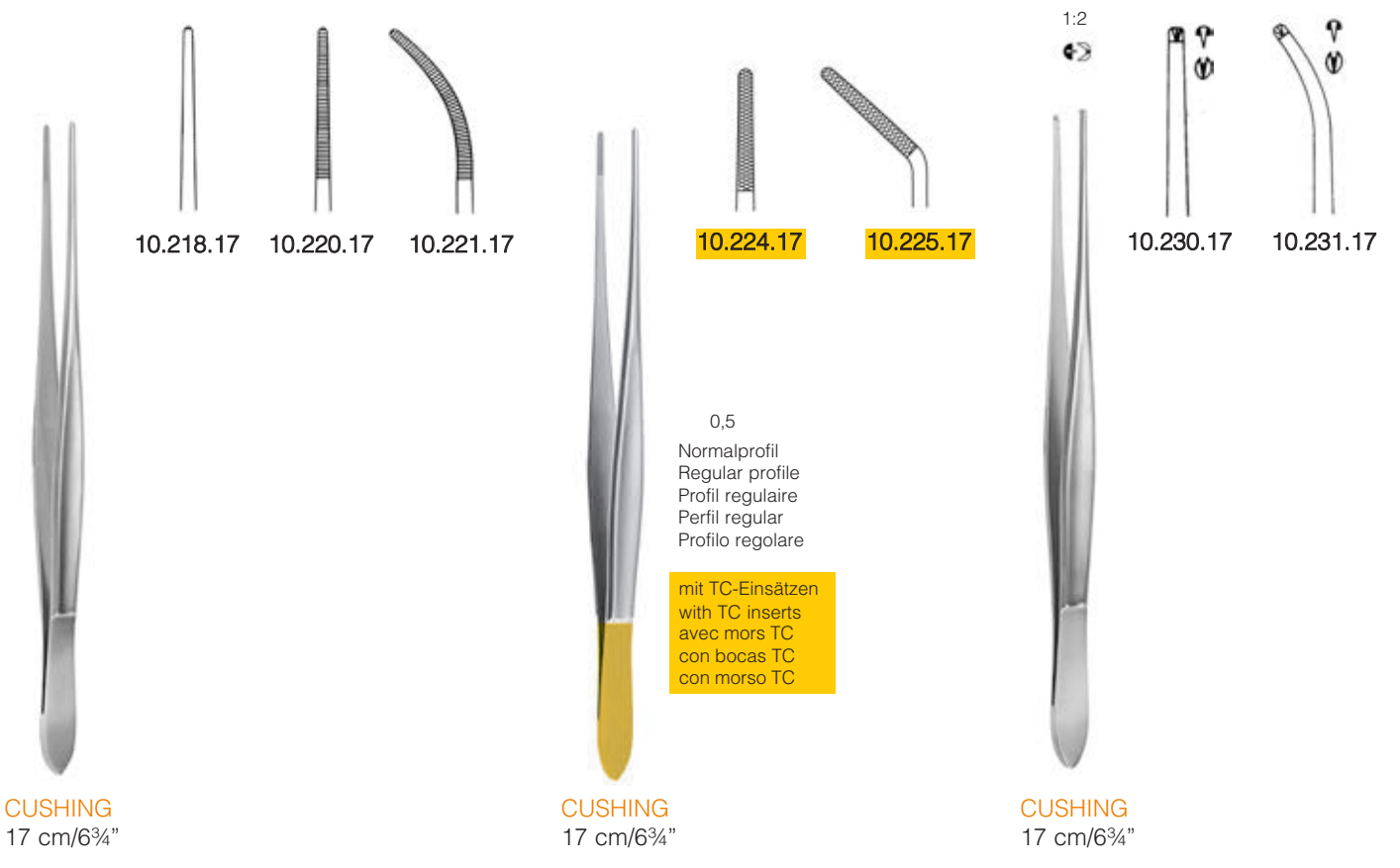
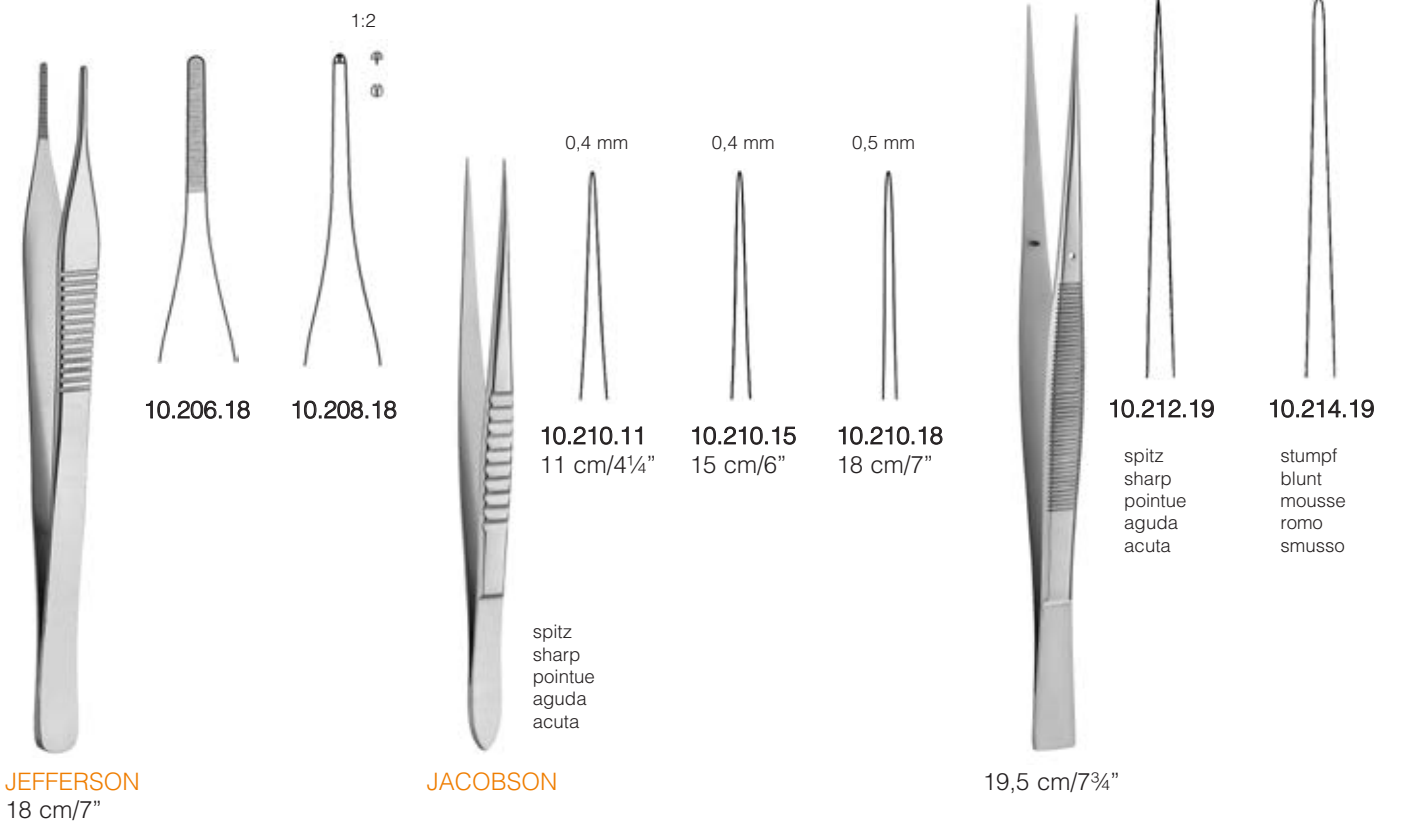


10.189.16
 15 cm/6"

10.189.20
 20 cm/8"

10.189.25
 25 cm/10"

BROWN



Pinzetten

Thumb and tissue forceps
 Pincès à dissection
 Pinzas de disección
 Pinze per dissezione

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"



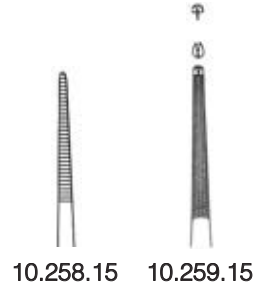
0,4
 Miniprofil
 Mini profile
 Profil mini
 Perfil mini
 Profilo mini

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"



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"



SEMKEN

fein
 delicate
 délicates
 finas
 delicate

10.268.12
 12,5 cm/5"



10.268.14
 14,5 cm/5¾"



Pinzetten

Thumb and tissue forceps
Pincès à dissection
Pinzas de disección
Pinze per dissezione



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"



GILLIES
10.272.15
15,5 cm/6"

1:2



kreuzgerieft
cross serrated
striure en croix
estrias cruzadas
striature trasversali



WAUGH

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"

schmal
narrow
étroite
estrecha
stretta

1:2



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



GILLIES
10.272.16
15,5 cm/6"

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

Pinzetten

Thumb and tissue forceps

Pinces à dissection

Pinzas de disección

Pinze per dissezione



TAYLOR
10.274.17
17 cm/6¾"



TAYLOR
10.276.17
17,5 cm/7"



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



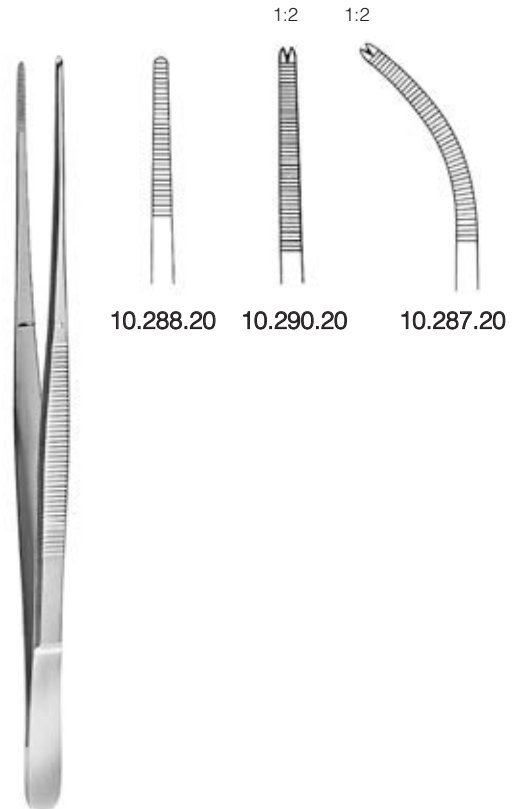
TAYLOR
10.278.17
17 cm/6¾"

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



TAYLOR
10.280.17
17 cm/6¾"

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



BROPHY
20 cm/8"

10.288.20 10.290.20 10.287.20

Pinzetten

Thumb and tissue forceps
Pincers à dissection
Pinzas de disección
Pinze per dissezione



10.302.18
18 cm/7"



10.303.18
18 cm/7"



10.302.23
23 cm/9"



fein
delicate
délicates
finas
delicate



10.310.18
18 cm/7"



10.311.18
18 cm/7"



10.310.23
23 cm/9"



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

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



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

GERALD
10.304.17
17,5 cm/7"

GERALD
10.306.17
17,5 cm/7"



DUEHRSSEN
20 cm/8"



10.314.20



10.298.20



WANGENSTEEN
15 cm/6" **10.324.15**
23 cm/9" **10.324.23**



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

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

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

Uhrmacher-Pinzetten

Jeweller forceps
Pinces d'horloger
Pinzas de relojero
Pinze da orologiaio



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

fein
delicate
délicates
finas
delicate



10.332.04
11 cm/4¼"
Fig. 4



10.332.05
11 cm/4¼"
Fig. 5



10.332.45
11 cm/4¼"
Fig. 5

0,3 mm
45°



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"

1:2



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"

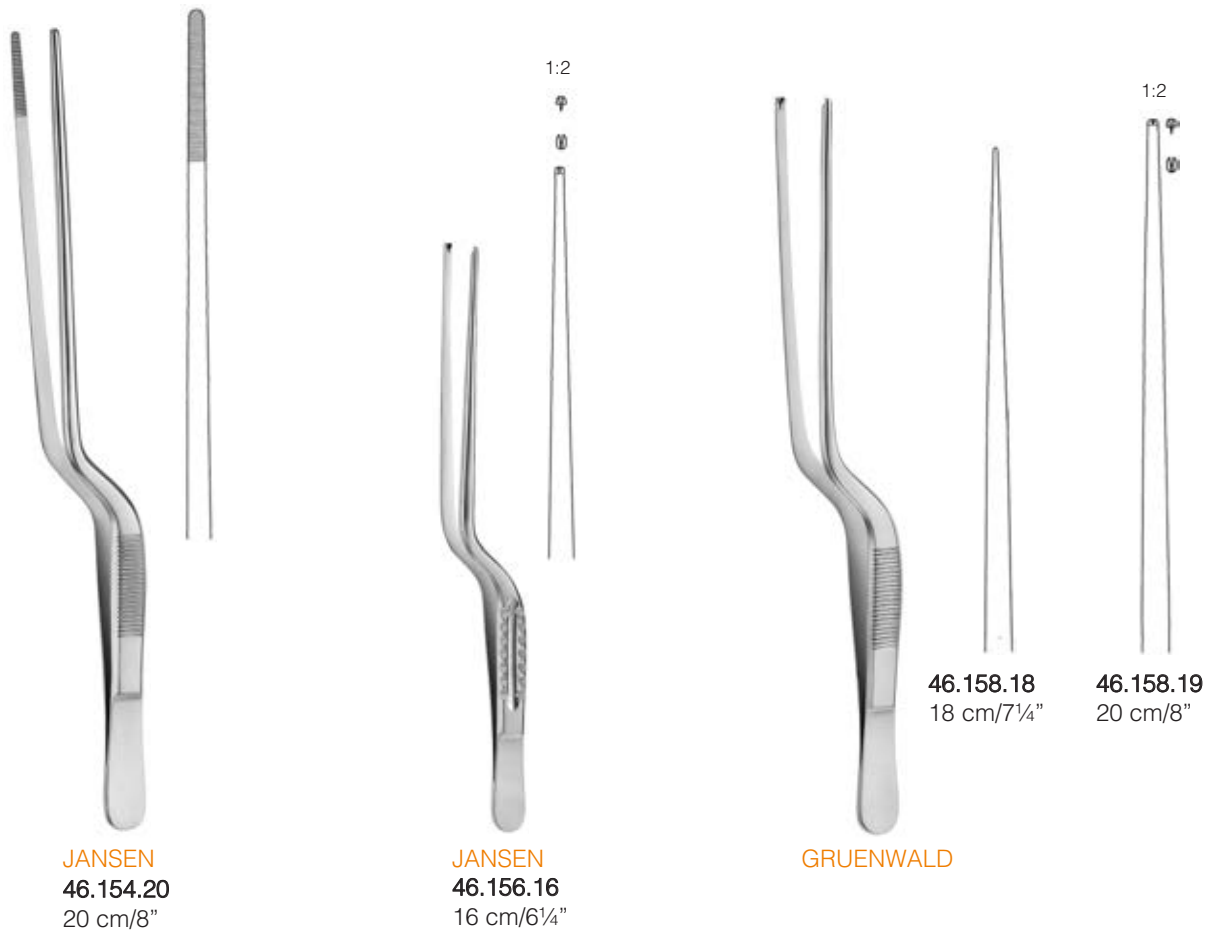
Pinzetten

Thumb and tissue forceps

Pinces à dissection

Pinzas de disección

Pinze per dissezione



06



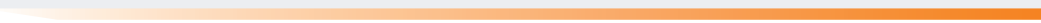
◆ **MIKRO-PINZETTEN**

MICRO THUMB & TISSUE FORCEPS

MICRO PINCES

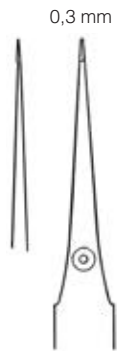
MICRO PINZAS

MICRO PINZE



Mikro-Knüpfpinzetten

Micro suture tying forceps
 Micro pinces pour nouer les fils
 Micro pinzas para enlazar
 Micro pinze per annodare fili



11.102.12
12 cm/4¾"



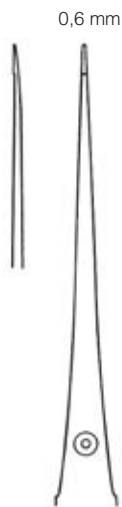
11.103.12
12 cm/4¾"



11.104.15
15 cm/6"



11.105.15
15 cm/6"



11.108.18
18 cm/7"



11.109.18
18 cm/7"

0,6 mm



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



11.110.15
15 cm/6"



11.111.15
15 cm/6"

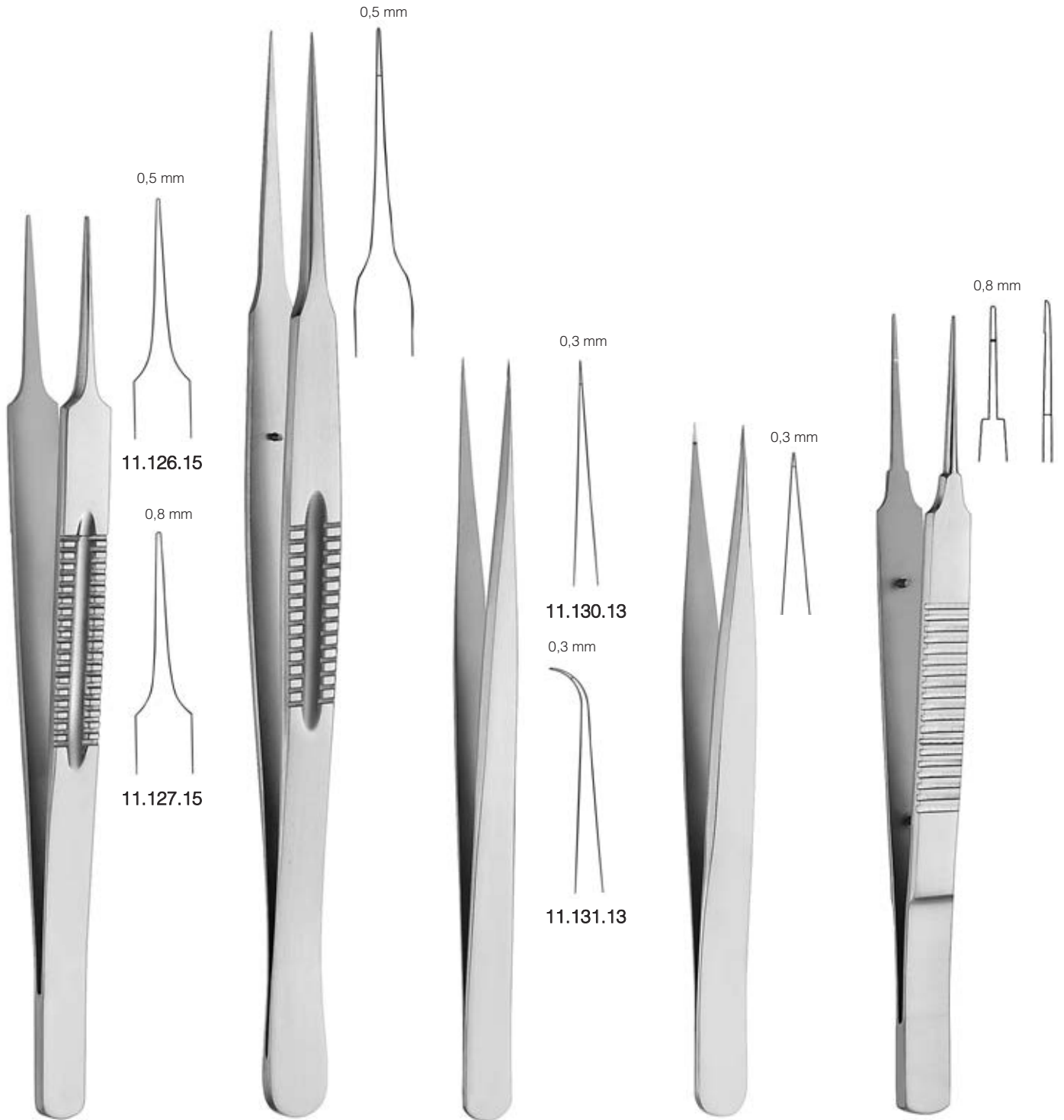


11.110.18
18 cm/7"



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"

Mikro-Pinzetten

Micro forceps
Micro pinces
Micro pinzas
Micro pinze

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

0,2 mm 0,3 mm 0,2 mm 0,3 mm

11.218.15 15 cm/6" 11.220.15 15 cm/6" 11.219.15 15 cm/6" 11.221.15 15 cm/6"

spitz sharp pointue aguda acuta
stumpf blunt mousse roma smussa
spitz sharp pointue aguda acuta
stumpf blunt mousse roma smussa

0,2 mm 0,3 mm 0,2 mm 0,3 mm

11.218.18 18 cm/7" 11.220.18 18 cm/7" 11.219.18 18 cm/7" 11.221.18 18 cm/7"

spitz sharp pointue aguda acuta
stumpf blunt mousse roma smussa
spitz sharp pointue aguda acuta
stumpf blunt mousse roma smussa

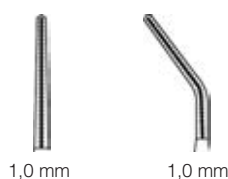
GOMEL
18 cm/7"

- ergonomischer Griff
- ansprechendes Design
- sichere und feinfühlig 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

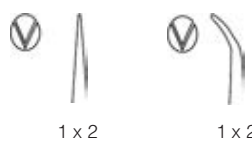


ATRAUMA



DE BAKEY

18 cm/7"	11.230.18	11.231.18
21 cm/8¼"	11.230.21	11.231.21



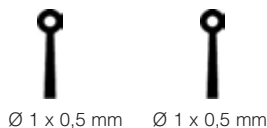
18 cm/7"	11.232.18	11.233.18
21 cm/8¼"	11.232.21	11.233.21

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



18 cm/7"	11.238.18	11.248.18
21 cm/8¼"	11.238.21	11.248.21

ATRAUMA

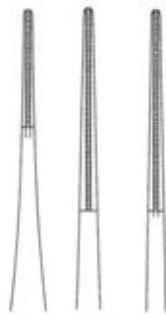


DE BAKEY

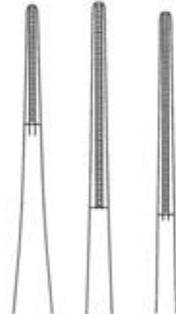


DE BAKEY

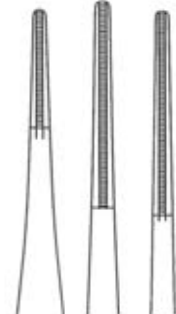
1,0 mm



1,5 mm



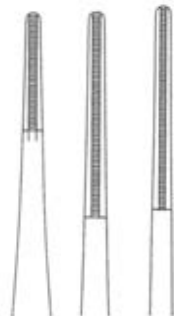
1,8 mm



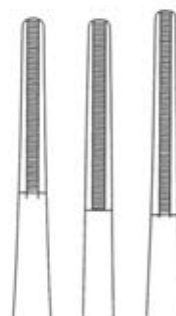
15 cm/6"	11.290.15	11.300.16	11.302.16
20 cm/8"	11.290.20	11.300.20	11.302.20
24 cm/9½"	11.290.24	11.300.24	11.302.24

Titan
 Titanium
 Titane
 Titanio
 Titanio

2,0 mm



2,8 mm



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

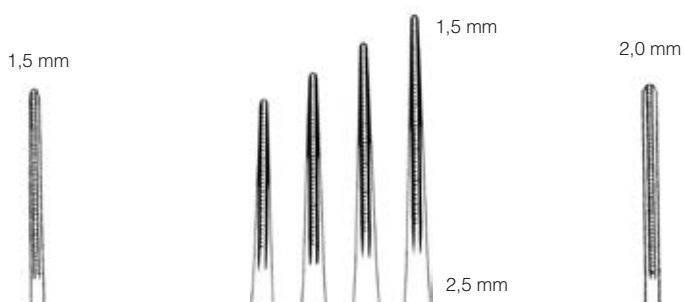
ATRAUMA



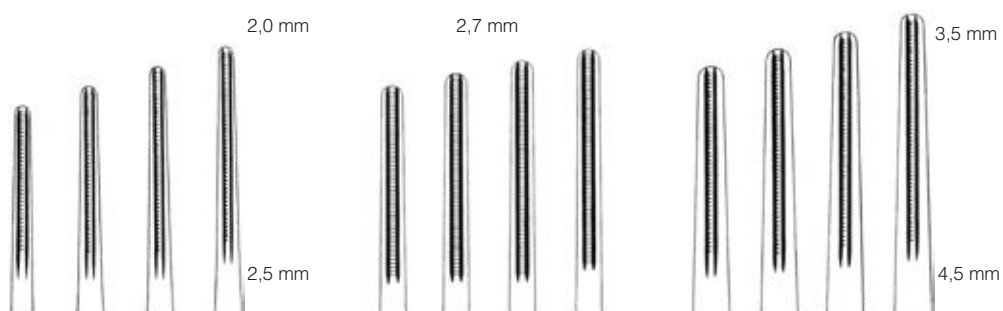
DE BAKEY



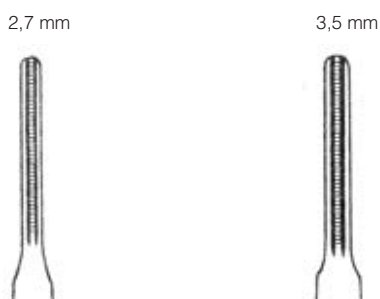
DE BAKEY



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
30 cm/12"	11.322.30	11.306.30



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



2,7 mm



2,5 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

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



ATRAUMA



DE BAKEY

1,0 mm



ATRAUMA



DE BAKEY

1,5 mm



COOLEY

16 cm/6¼"	11.314.16
20 cm/8"	11.314.20
24 cm/9½"	11.314.24

DE BAKEY

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

DE BAKEY-DIETRICH

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

Atraumatische Pinzetten
 Atraumatic tissue forceps
 Pincas atraumatiques
 Pinzas atraumáticas
 Pinze atraumatiche

ATRAUMA



DE BAKEY

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



DE BAKEY

1,5 mm

2,0 mm

2,7 mm

3,5 mm

6 x 12

6 x 12

6 x 12

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

2,0 mm

2,7 mm

3,5 mm

2 x 4

2 x 4





2 x 4

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



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

0,3 mm	0,6 mm	0,6 mm
		
11.504.01	11.504.02	11.504.03



18,5 cm/7¼"

Ligaturpinzetten, Mikro-Pinzetten

Ligature forceps, micro forceps
 Pincès à ligatures, micro pincès
 Pinzas para ligaduras, micro pinzas
 Pinze per legatura, micro pinze

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



11.505.19
 18,5 cm/7¼"



YASARGIL

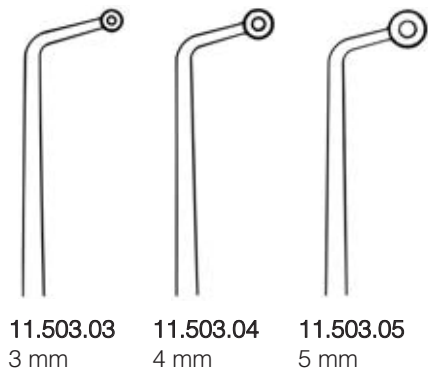
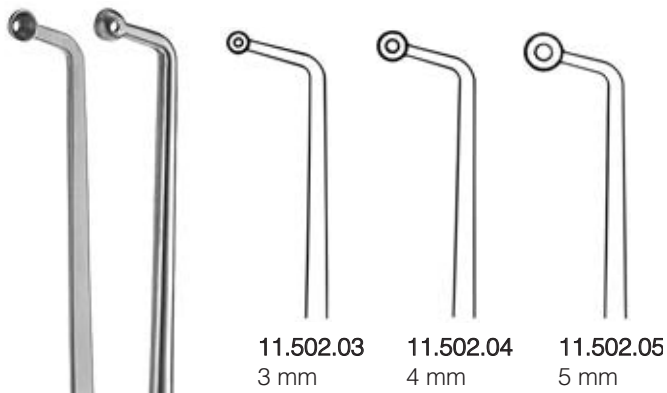
0,6 mm

0,9 mm

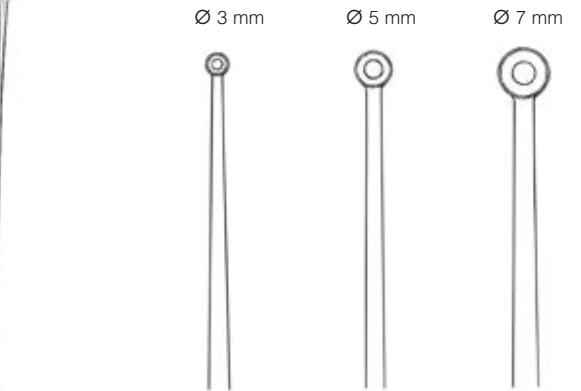
1:2



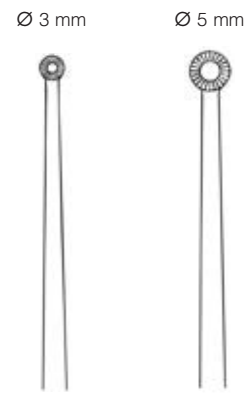
16 cm/6¼"	11.506.16	11.509.16	
18 cm/7"	11.506.18	11.509.18	11.510.18
20 cm/8"	11.506.20	11.509.20	
22 cm/8¾"	11.506.22	11.509.22	
24 cm/9½"	11.506.24	11.509.24	



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

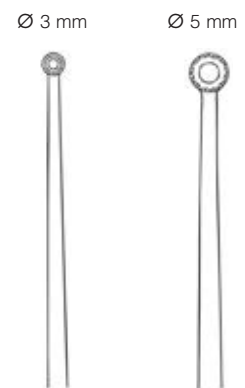


22 cm/8 ³ / ₄ "	11.513.22	11.515.22	
24 cm/9 ¹ / ₂ "	11.513.24	11.515.24	11.517.24



11.521.22
22 cm/8³/₄"

11.523.22
22 cm/8³/₄"



HEIFETZ
11.522.22
22 cm/8³/₄"

HEIFETZ
11.525.22
22 cm/8³/₄"

SAMII
23 cm/9"

YASARGIL

Tumorfasspinzetten

Tumor grasping forceps
Pincés pour saisir des tumeurs
Pinzas para agarrar tumores
Pinze da presa per tumori



HEIFETZ
22 cm/8¾"



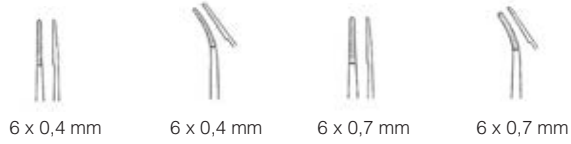
HUNT
11.529.20
20 cm/8"



Mikrochirurgie-Pinzetten

Microsurgery forceps
Pincas à microchirurgie
Pinzas para microcirugía
Pinze per microchirurgia

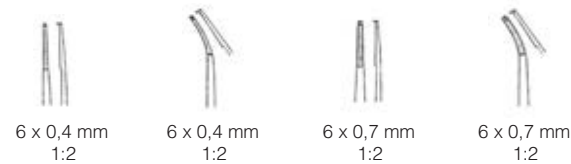
diamantiertes Maul
diamond coated jaws
mors diamanté
boca diamantada
morso diamantato



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
18 cm/7"	11.578.18	11.579.18	11.580.18	11.581.18
21 cm/8¼"			11.580.21	11.581.21

Titan
Titanium
Titane
Titanio
Titanio



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
18 cm/7"	11.582.18	11.583.18	11.584.18	11.585.18
21 cm/8¼"			11.584.21	11.585.21

Titan
Titanium
Titane
Titanio
Titanio



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
18 cm/7"	11.586.18	11.588.18	11.590.18
21 cm/8¼"	11.586.21	11.588.21	11.590.21

Titan
Titanium
Titane
Titanio
Titanio

07

◆ ARTERIENKLEMMEN

HEMOSTATIC FORCEPS

PINCES HÉMOSTATIQUES

PINZAS HEMOSTÁTICAS

PINZE EMOSTATICHE

Atraumatische Bulldogklemmen

Atraumatic Bulldog clamps
Clamps Bulldog atraumatiques
Clamps Bulldog atraumáticas
Pinze Bulldog atraumatiche

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"



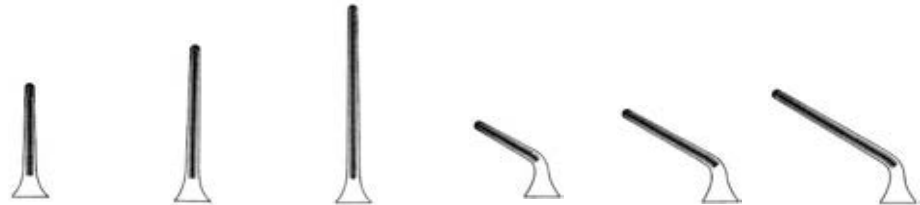
GLOVER
12.071.50
5 cm/2"

ATRAUMA



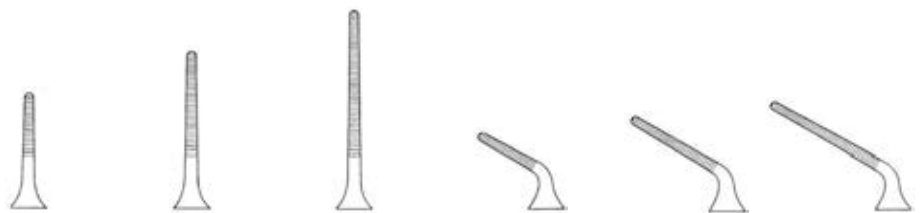
DE BAKEY

**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 Maullänge Jaw length Longueur des mors Longitud de la boca Lunghezza del morso	5 cm/2"	5 cm/2"	6 cm/2½"	5 cm/2"	5 cm/2"	6 cm/2½"
Gewicht Weight Poids 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 Maullänge Jaw length Longueur des mors Longitud de la boca Lunghezza del morso	5 cm/2"	5 cm/2"	6 cm/2½"	5 cm/2"	5 cm/2"	6 cm/2½"
Gewicht Weight Poids 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.



Atraumatische Bulldogklemmen

Atraumatic Bulldog clamps
Clamps Bulldog atraumatiques
Clamps Bulldog atraumáticas
Pinze Bulldog atraumatiche

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"



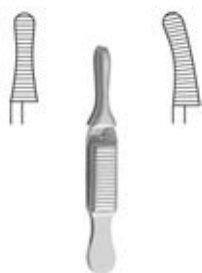
12.093.08
8 cm/3¼"



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



DE BAKEY-HESS

Maullänge
 Jaw length
 Longueur des mors
 Longitud de la boca
 Lunghezza del morso

12.112.20	12.112.30
20 mm	30 mm



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



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



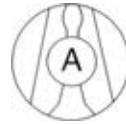
12.091.23
 23 cm/8¼"

Atraumatische Bulldogklemmen

Atraumatic Bulldog clamps
Clamps Bulldog atraumatiques
Clamps Bulldog atraumáticas
Pinze Bulldog atraumatiche



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
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
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
Arteria	12.145.30	12.145.35	12.145.40	12.145.50	



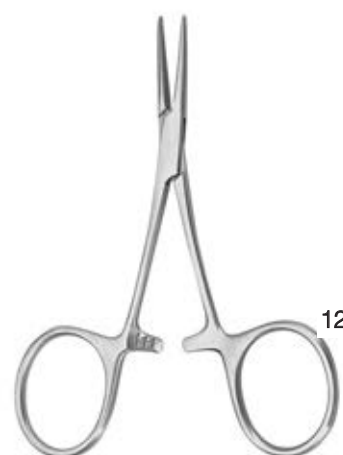
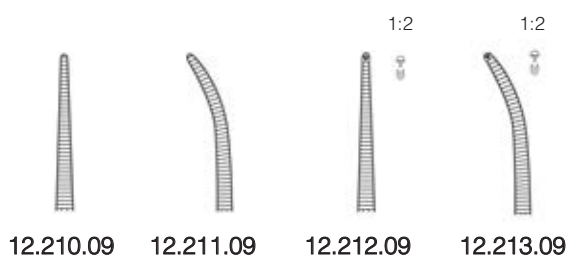
TERRIER
 12.206.08
 8,5 cm/3¼"



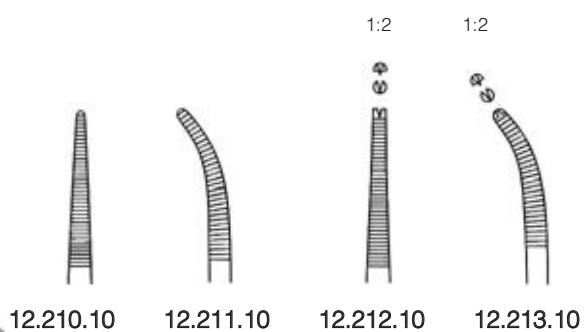
CARREL
 12.208.08
 8,5 cm/3¼"



HARTMANN (Baby-Mosquito)
 9 cm/3½"



HARTMANN
 10 cm/4"



Arterienklemmen

Hemostatic forceps
 Pinces hémostatiques
 Pinzas hemostáticas
 Pinze emostatiche



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"



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"

Titan
 Titanium
 Titane
 Titanio
 Titanio



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

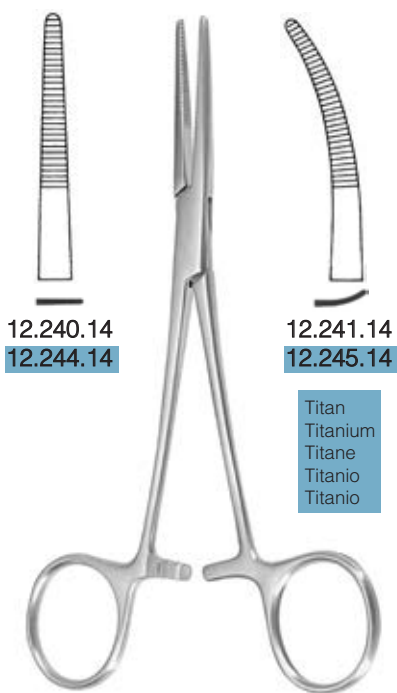


12.233.10
 10 cm/4"

1:2



12.233.12
 12 cm/4¾"

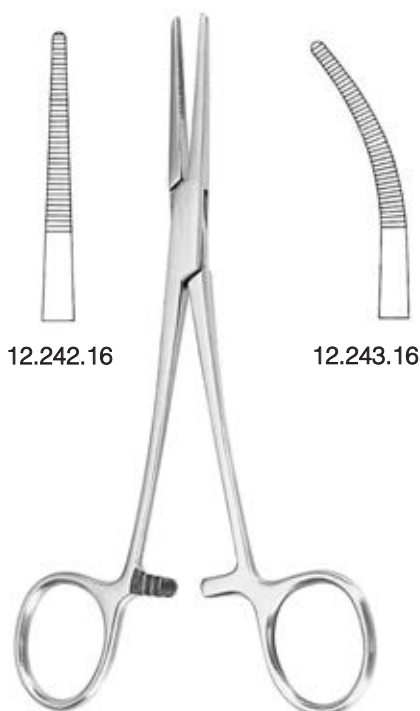


12.240.14
 12.244.14

12.241.14
 12.245.14

Titan
 Titanium
 Titane
 Titanio
 Titanio

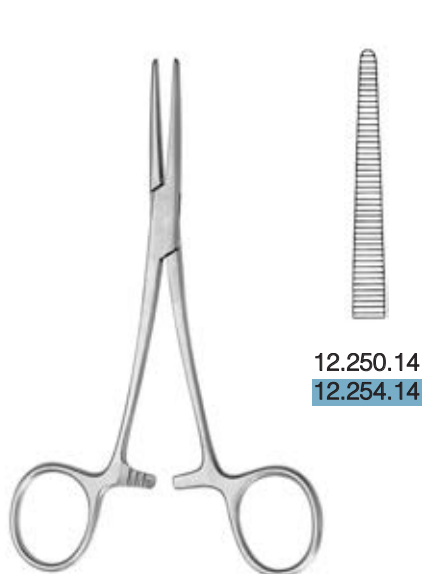
KELLY
 14 cm/5½"



12.242.16

12.243.16

KELLY-RANKIN
 16 cm/6¼"

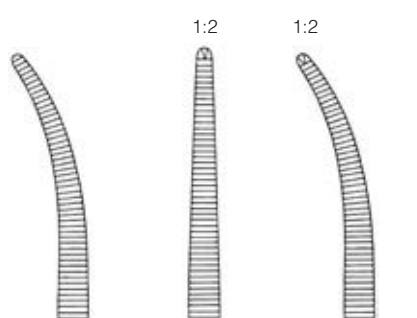


12.250.14
 12.254.14

12.251.14
 12.255.14

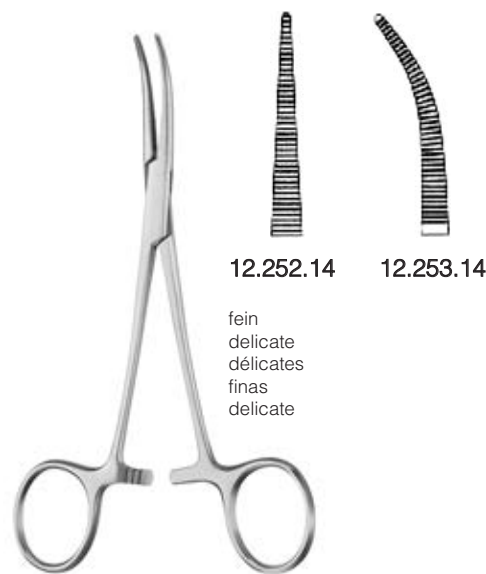
Titan
 Titanium
 Titane
 Titanio
 Titanio

CRILE
 14 cm/5½"



12.260.14

12.261.14



12.252.14

12.253.14

fein
 delicate
 délicates
 finas
 delicate

CRILE
 14 cm/5½"

Arterien- und Kopfhautklemmen

Hemostatic and scalp forceps

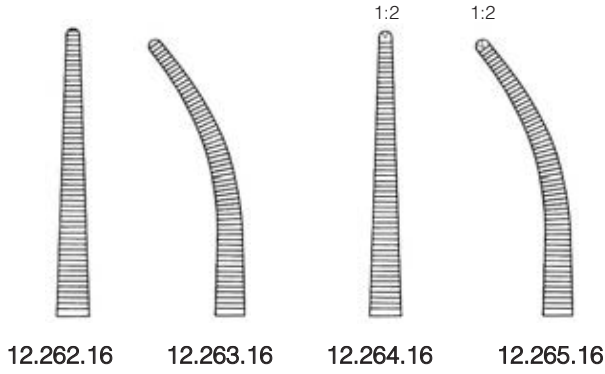
Pinces hémostatiques et pour cuir chevelu

Pinzas hemostáticas y para cuero cabelludo

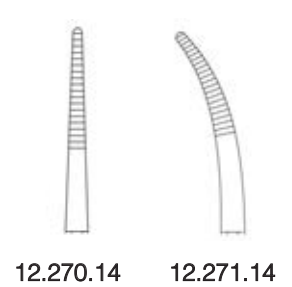
Pinze emostatiche e per cuoio capelluto



CRILE-RANKIN
16 cm/6¼"



PROVIDENCE-HOSPITAL
14 cm/5½"



CAIRNS
15 cm/6"

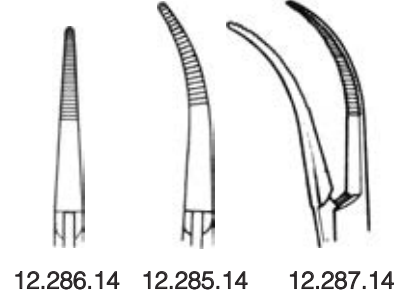


DUNHILL
12.276.13 12.277.13
12,5 cm/5"



CUSHING
14,5 cm/5¾"

fein
delicate
délicates
finas
delicate



seitlich gebogen
laterally curved
courbée latéralement
curvada lateralmente
curva laterale



MOYNIHAN
 15 cm/6" 12.278.14 12.279.14



MOYNIHAN
 14,5 cm/5¾"

seitlich gebogen
 laterally curved
 courbée latéralement
 curvada lateralmente
 curva laterale



DANDY
 12.344.12
 12 cm/4¾"

seitlich gebogen
 laterally curved
 courbée latéralement
 curvada lateralmente
 curva laterale



12.345.14



12.347.14

seitlich gebogen
 laterally curved
 courbée latéralement
 curvada lateralmente
 curva laterale



LOVELACE
 16 cm/6¼"

12.354.15



12.356.15

1:2

Kopfschwartenzangen

Scalp flap forceps

Pinces pour le cuir chevelu

Pinzas para el cuero cabelludo

Pinze per il cuoio capelluto



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"



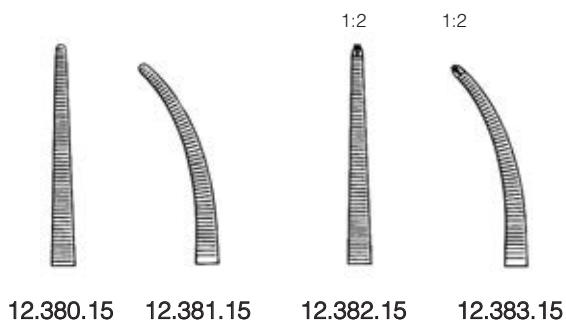
WILLET-MARTEL

12.366.19

19 cm/7½"



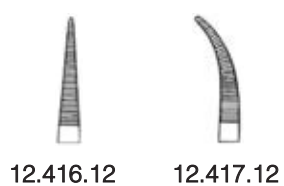
LERICHE
 15 cm/6"



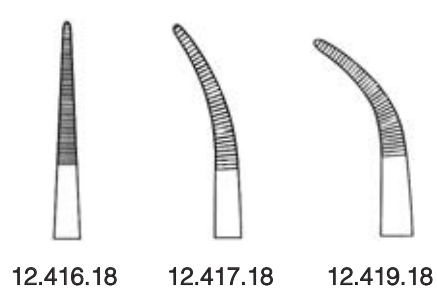
ADSON Baby



JACOBSON
 12,5 cm/5"



JACOBSON
 18 cm/7"



Präparier- und Ligaturklemmen

Dissecting and ligature forceps

Pinces à dissection et à ligatures

Pinzas para disección y ligaduras

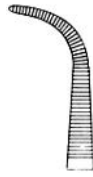
Pinze per dissezione e per legature (passafili)



GEMINI



12.431.13
13 cm/5"



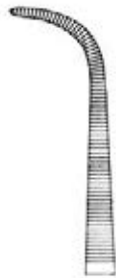
12.431.14
14 cm/5½"



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"



12.468.14

Baby MIXTER
 14 cm/5½"



12.469.14



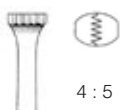
MIXTER Baby
 12.475.14
 14 cm/5½"



MIXTER Baby
 12.475.18
 18 cm/7"



ALLIS



4 : 5

15 cm/6"	64.110.15
19 cm/7½"	64.110.19
25 cm/10"	64.110.25



5 : 6

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 Atrauma



64.124.16
 16 cm/6¼"



64.124.20
 20 cm/8"



64.124.25
 25 cm/10"

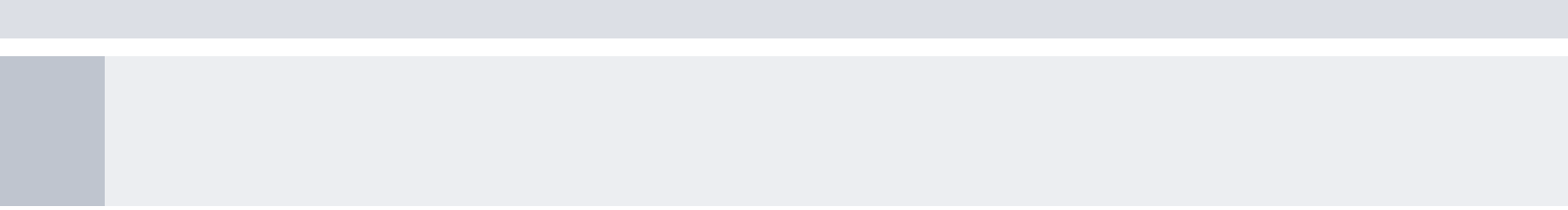


64.124.30
 30 cm/12"

ATRAUMA



DE BAKEY



08



◆ **WUNDHAKEN**

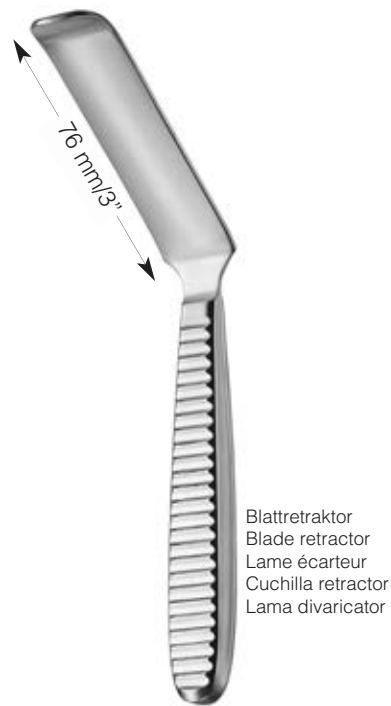
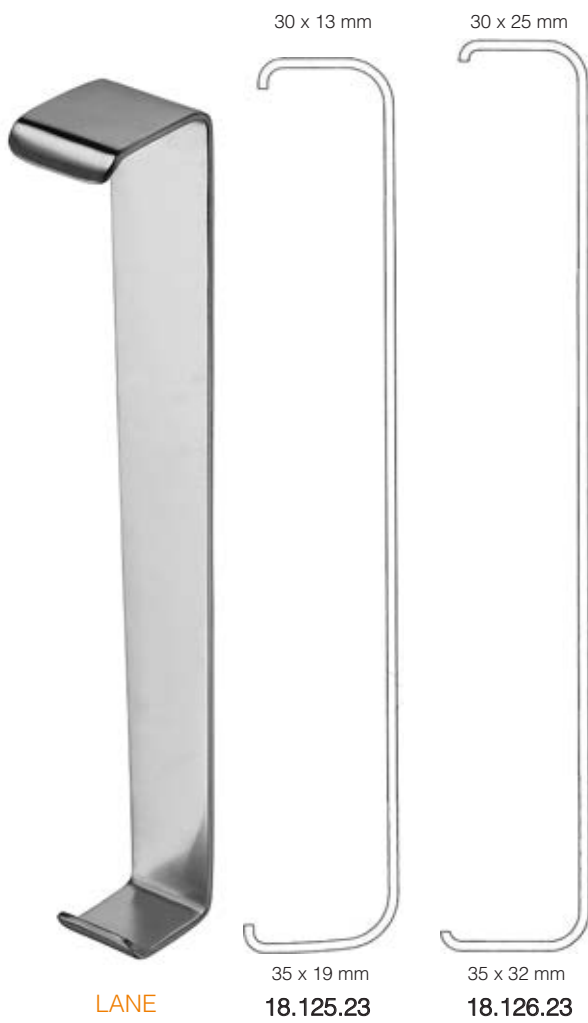
RETRACTORS

ÉCARTEURS

SEPARADORES

DIVARICATORI



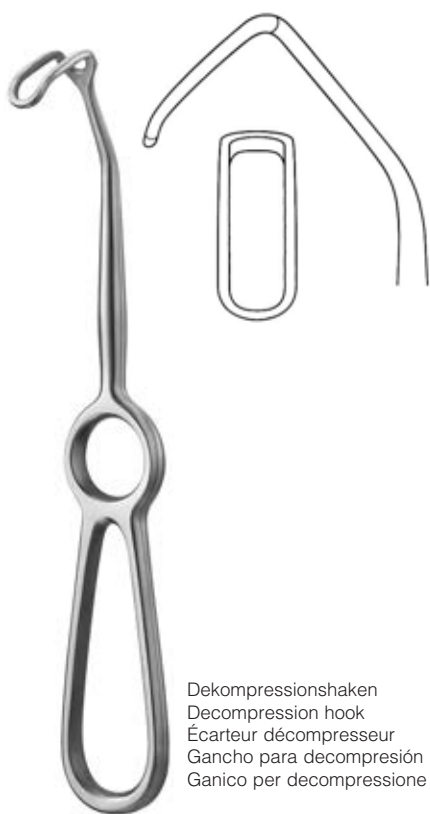


CLOWARD

18 mm	18.165.18
20 mm	18.165.20
23 mm	18.165.23

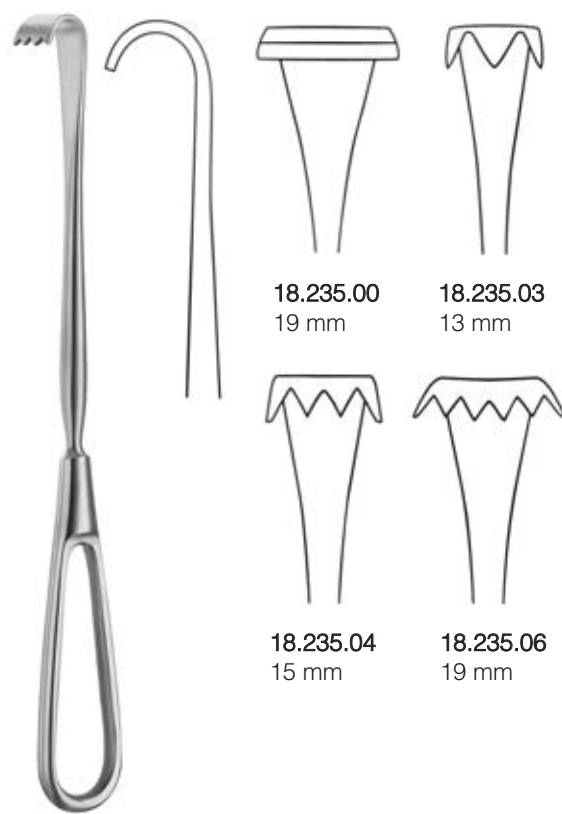


RAGNELL-DAVIS
18.242.14
 14 cm/5½"



Dekompressionshaken
 Decompression hook
 Écarteur décompresseur
 Gancho para decompresión
 Ganico per decompressione

CUSHING
18.234.20
 20 cm/8"



18.235.00
 19 mm

18.235.03
 13 mm

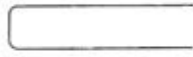
18.235.04
 15 mm

18.235.06
 19 mm

OLDBERG



KOCHER-LANGENBECK
22 cm/8½"



18.342.01
25x6 mm



18.342.04
35x15 mm



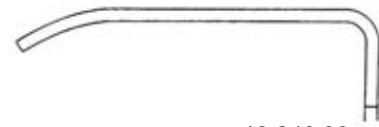
18.342.02
35x8 mm



18.342.05
40x11 mm



18.342.03
35x11 mm



18.342.06
55x11 mm



18.342.07
70x14 mm



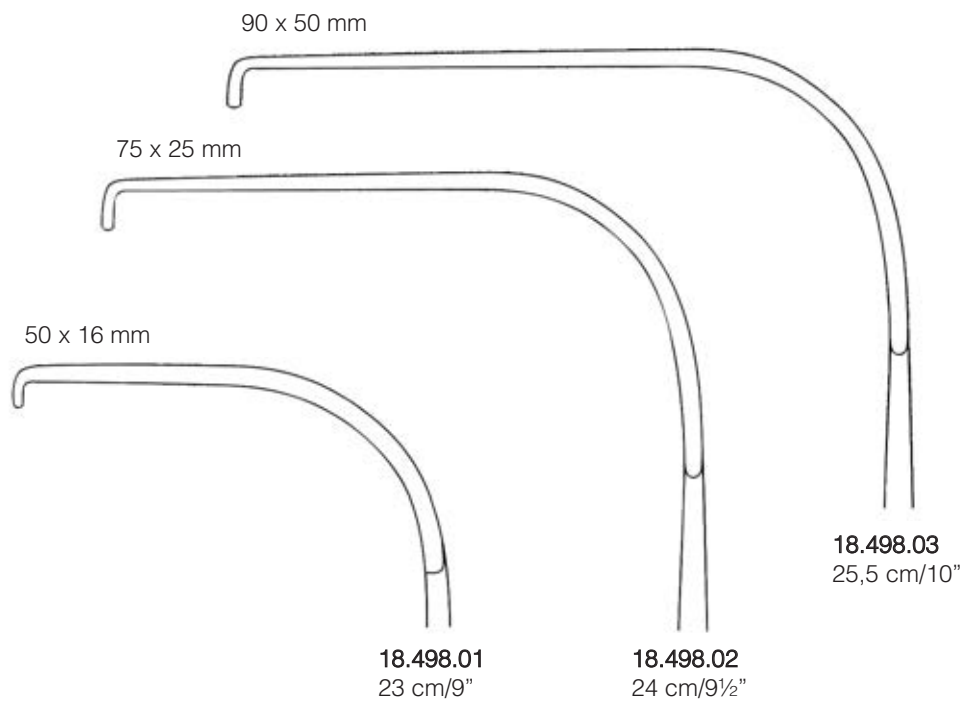
18.342.08
80x12 mm



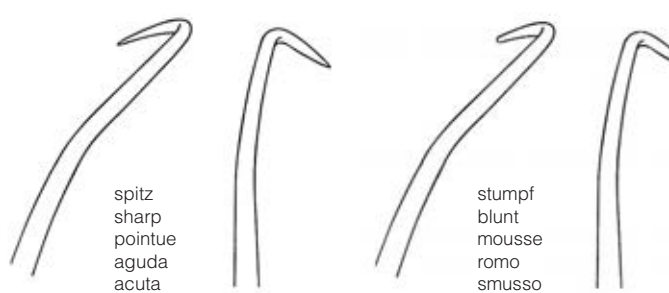
18.342.09
80x16 mm



MEYERDING



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
----------	------------------

Wundspreizer

Self-retaining retractors
Écarteurs autostatiques
Separadores autostáticos
Divaricatori autostatici



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

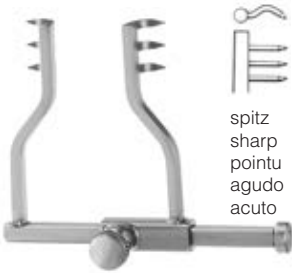
3 x 4



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



18.628.10

spitz
sharp
pointu
agudo
acuto

JANSEN-GIFFORD
10 cm/4"



18.629.10

stumpf
blunt
mousse
romo
smusso

JANSEN
10 cm/4"



18.630.10

spitz
sharp
pointu
agudo
acuto



18.631.10

stumpf
blunt
mousse
romo
smusso



JANSEN-WAGNER
18.632.11
11 cm/4 1/4"



18.636.10

spitz
sharp
pointu
agudo
acuto

JANSEN
10,5 cm/4 1/4"

18.637.10

stumpf
blunt
mousse
romo
smusso



18.634.10

spitz
sharp
pointu
agudo
acuto

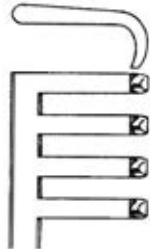
DIMEDA
10 cm/4"

Wundspreizer

Self-retaining retractors
Écarteurs autostatiques
Separadores autostáticos
Divaricatori autostatici

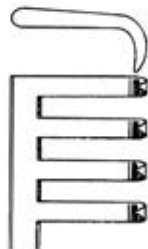


HENLEY
16,5 cm/6½"



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
5/8" x 3/4"



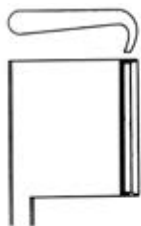
18.661.18
16x25 mm
5/8" x 1"



18.661.19
16x32 mm
5/8" x 1¼"



WEITLANER
18.667.13
13,5 cm/5¼"



WEITLANER
13 cm/5"

3 x 4



18.668.13
scharf
sharp
pointu
agudo
acuto



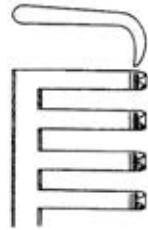
18.669.13
stumpf
blunt
mousse
romo
smusso



18.672.13
halbscharf
semi-sharp
semi-pointu
semi agudo
semi acuto

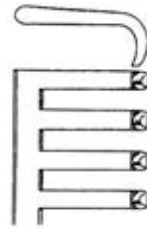


WEITLANER



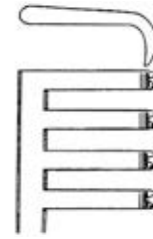
18.670.14
 14 cm/5½"
 3 : 4

scharf
 sharp
 pointu
 agudo
 acuto



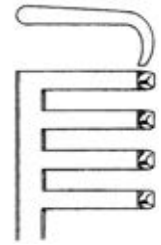
18.671.14
 14 cm/4½"
 3 : 4

stumpf
 blunt
 mousse
 romo
 smusso



18.670.16
 16,5 cm/6½"
 3 : 4

scharf
 sharp
 pointu
 agudo
 acuto

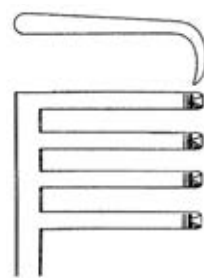


18.671.16
 16,5 cm/6½"
 3 : 4

stumpf
 blunt
 mousse
 romo
 smusso

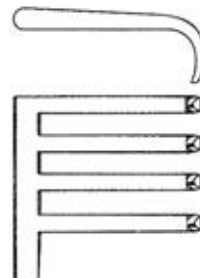


WEITLANER
 20 cm/8"



18.670.20
 3 : 4

scharf
 sharp
 pointu
 agudo
 acuto



18.671.20
 3 : 4

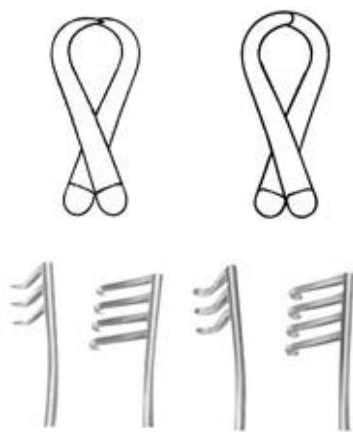
stumpf
 blunt
 mousse
 romo
 smusso

Wundspreizer

Self-retaining retractors
Écarteurs autostatiques
Separadores autostáticos
Divaricatori autostatici



WEITLANER
25 cm/10"



18.670.25
3 : 4

scharf
sharp
pointu
agudo
acuto



18.671.25
3 : 4

stumpf
blunt
mousse
romo
smusso

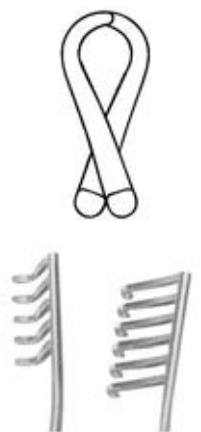


WEITLANER
26 cm/10¼"



18.670.26
5 : 6

scharf
sharp
pointu
agudo
acuto



18.671.26
5 : 6

stumpf
blunt
mousse
romo
smusso

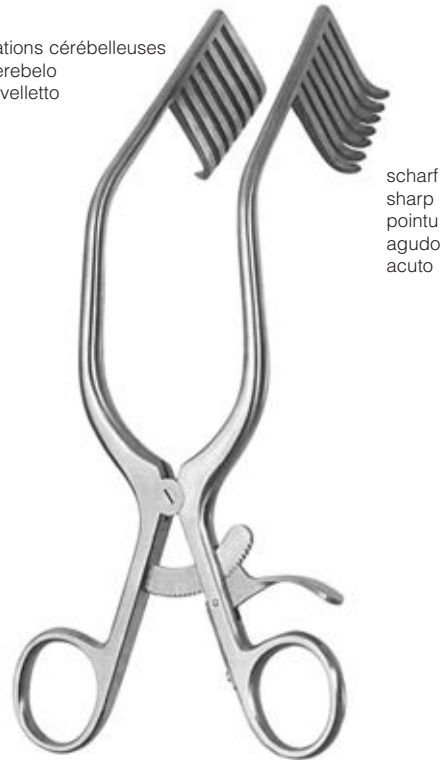
Cerebellum-Spreizer
 Cerebellar retractors
 Écarteurs pour opérations cérébelleuses
 Separadores para cerebello
 Divaricatori per il cervelletto



3 x 4

halbscharf
 semi-sharp
 semi-pointu
 semi agudo
 semi acuto

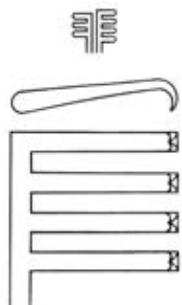
WEITLANER
18.672.16
 16,5 cm/6½"



scharf
 sharp
 pointu
 agudo
 acuto

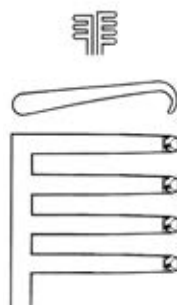
MISKIMON
18.676.22
 22 cm/8¼"
 35 mm

Cerebellum-Spreizer
 Cerebellar retractors
 Écarteurs pour opérations cérébelleuses
 Separadores para cerebello
 Divaricatori per il cervelletto



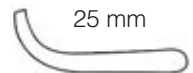
18.678.20
 4 : 4

scharf
 sharp
 pointu
 agudo
 acuto



18.679.20
 4 : 4

stumpf
 blunt
 mousse
 romo
 smusso



18.680.19

scharf
 sharp
 pointu
 agudo
 acuto

18.681.19

stumpf
 blunt
 mousse
 romo
 smusso

ANDERSON-ADSON
 20 cm/8"

ADSON
 19 cm/7½"

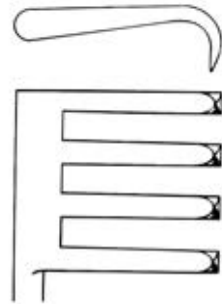
Wundspreizer

Self-retaining retractors
Écarteurs autostatiques
Separadores autostáticos
Divaricatori autostatici



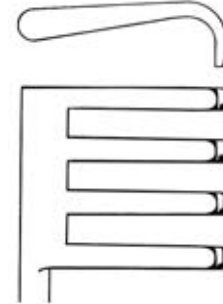
ADSON
26,5 cm/10½"

80 mm
↔



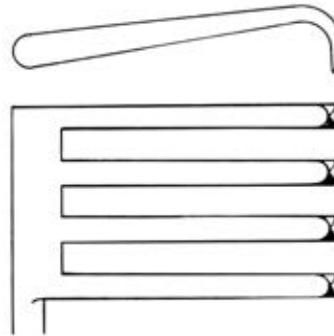
18.682.26
3 : 4

scharf
sharp
pointu
agudo
acuto



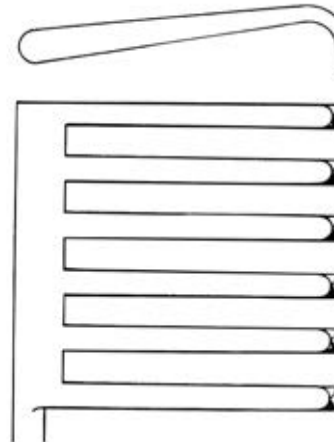
18.683.26
3 : 4

stumpf
blunt
mousse
romo
smusso



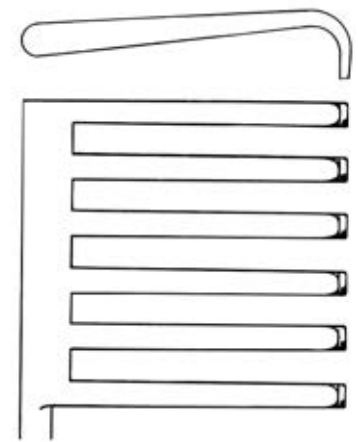
18.682.25
3 : 4

scharf
sharp
pointu
agudo
acuto



18.682.27
5 : 6

scharf
sharp
pointu
agudo
acuto



18.683.27
5 : 6

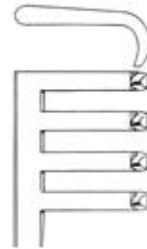
stumpf
blunt
mousse
romo
smusso



ADSON
 3 : 4



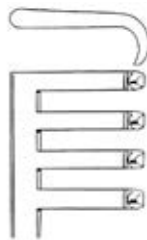
18.684.13
 13,5 cm/5¼"



18.685.13
 13,5 cm/5¼"



18.684.16
 16,5 cm/6½"



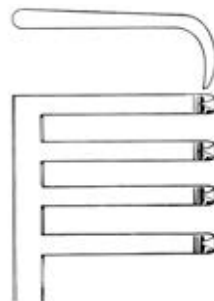
18.685.16
 16,5 cm/6½"



18.684.20
 21 cm/8¼"



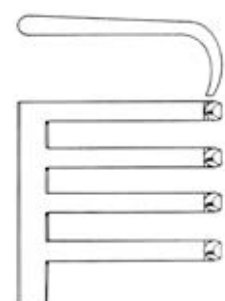
18.685.20
 20 cm/8"



18.684.26
 24,5 cm/9¾"
 scharf
 sharp
 pointu
 agudo
 acuto



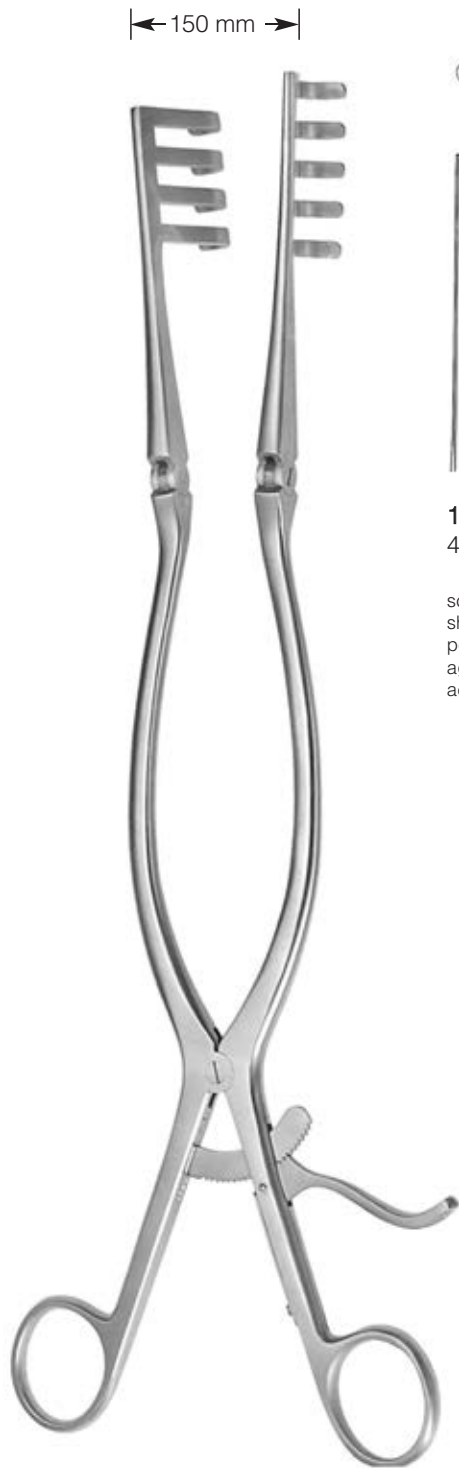
18.685.24
 24,5 cm/9¾"
 stumpf
 blunt
 mousse
 romo
 smusso



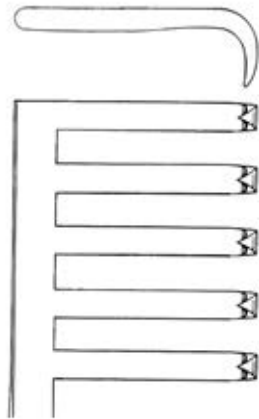
18.685.26
 26 cm/10¼"
 stumpf
 blunt
 mousse
 romo
 smusso

Wundspreizer

Self-retaining retractors
Écarteurs autostatiques
Separadores autostáticos
Divaricatori autostatici

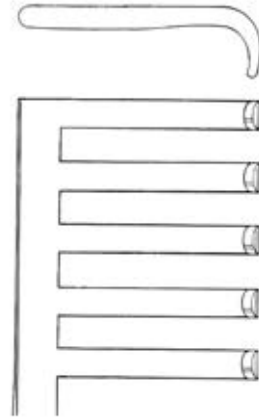


BECKMANN-ADSON
32 cm/12¾"



18.686.33
4 : 5

scharf
sharp
pointu
agudo
acuto

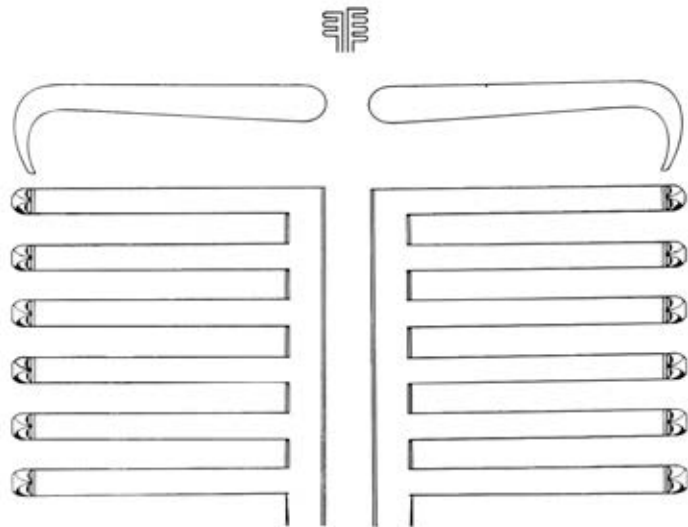


18.686.32
4 : 5

halbscharf
semi-sharp
semi-pointu
semi agudo
semi acuto



18.687.27
26,5 cm/10½"



6 : 6

scharf
sharp
pointu
agudo
acuto

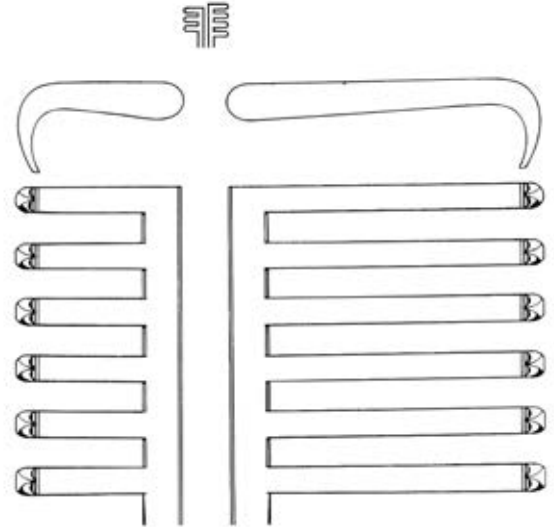
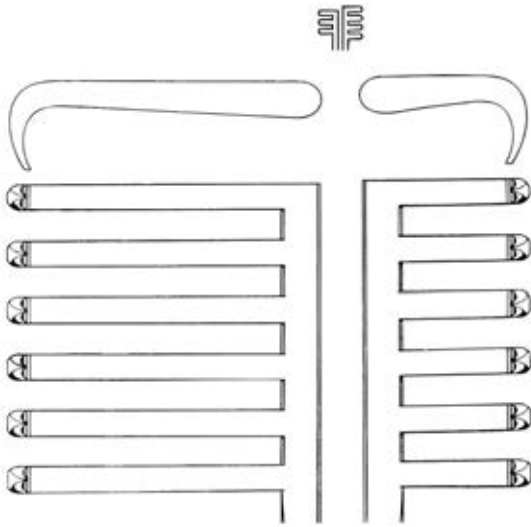
Hemilaminectomie-Wundspreizer

Hemilaminectomy retractors

Écarteurs pour hemilaminectomie

Separadores para hemilaminectomía

Divaricatori per hemilaminectomia



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

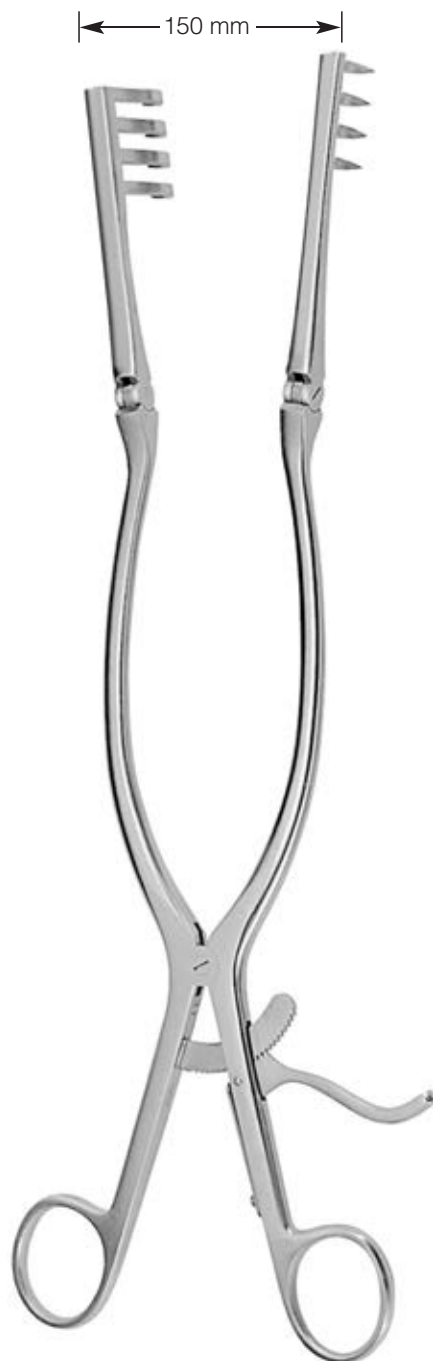
18.689.27

6 : 6

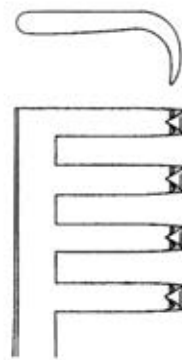
scharf, lange Zähne rechts
sharp, long teeth right
pointu, griffes longues à droite
agudo, dientes largos a la derecha
acuto, denti lunghe a destra



26,5 cm/10½"

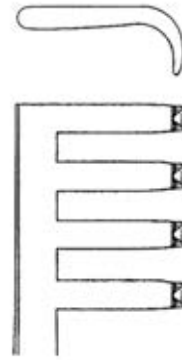


BECKMANN
 31 cm/30½"



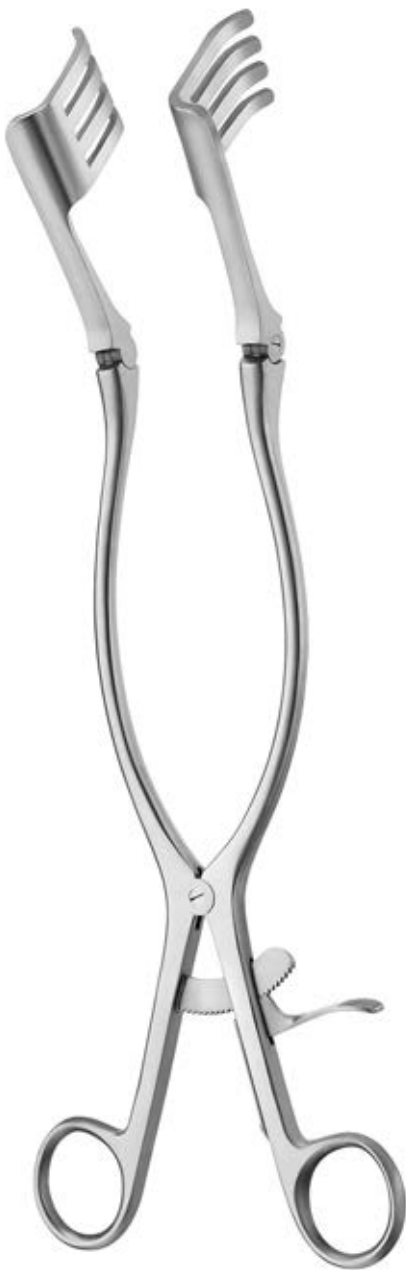
18.690.31
 4 : 4

scharf
 sharp
 pointu
 agudo
 acuto

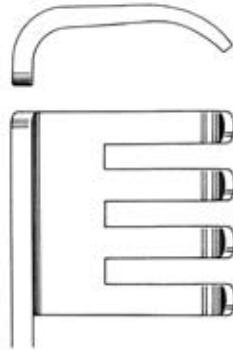


18.691.31
 4 : 4

halbscharf
 semi-sharp
 semi-pointu
 semi agudo
 semi acuto

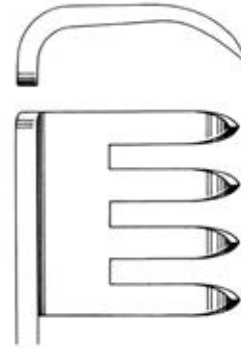


BECKMANN-ADSON
 30,5 cm/30¼"



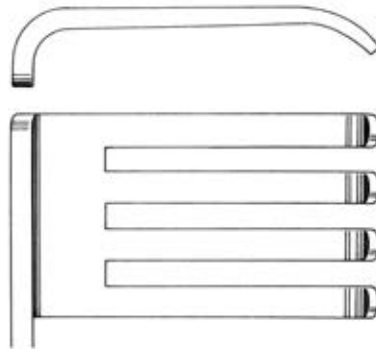
18.692.00
 30 mm
 4 : 4

stumpf
 blunt
 mousse
 romo
 smusso



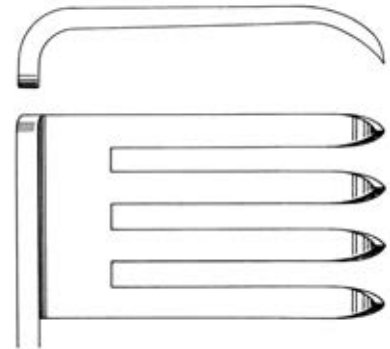
18.692.01
 30 mm
 4 : 4

scharf
 sharp
 pointu
 agudo
 acuto



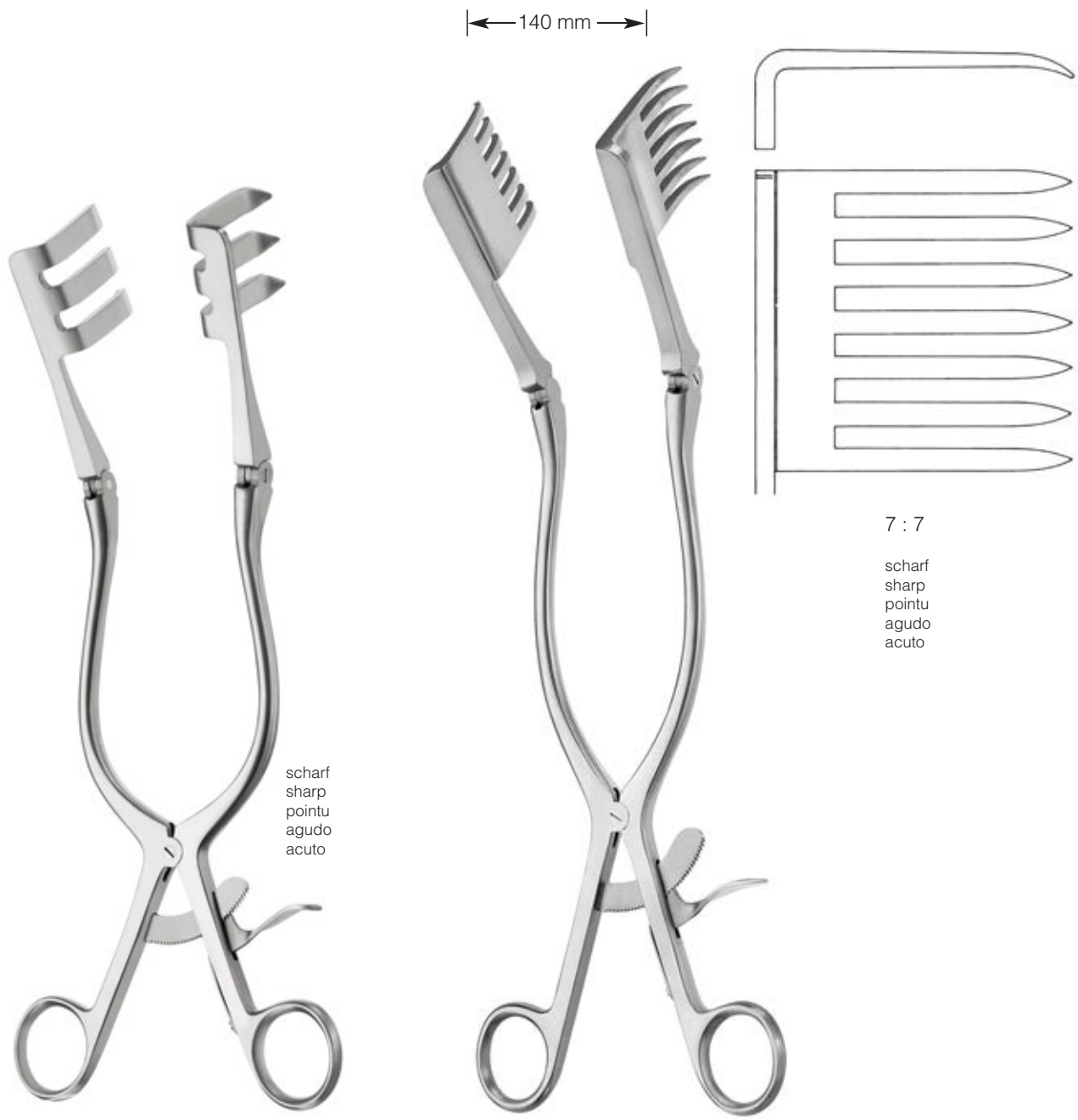
18.692.02
 50 mm
 4 : 4

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"

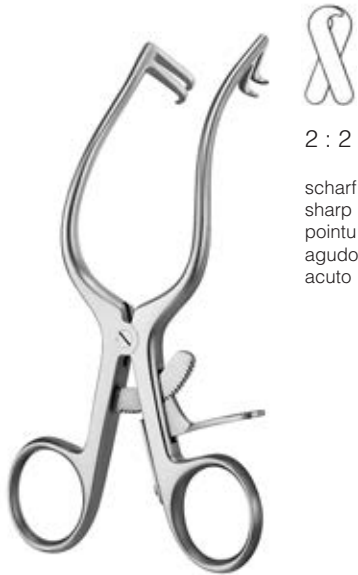
Wundspreizer

Wound spreaders, self-retaining

Écarteurs autostatiques

Separadores autostáticos

Divaricatori autostatici



2 : 2

scharf
sharp
pointu
agudo
acuto

MOLLISON
18.693.13
14 cm/5½"



18.693.15
4 : 4

scharf
sharp
pointu
agudo
acuto

MOLLISON
15 cm/6"



18.693.16
4 : 4

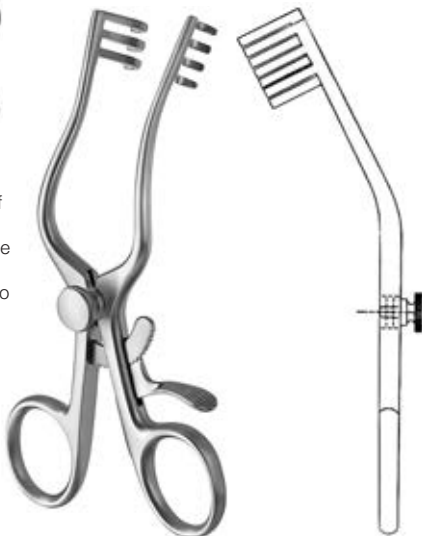
stumpf
blunt
mousse
romo
smusso

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	stumpf
sharp	blunt
pointu	mousse
agudo	romo
acuto	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"

Laminektomie-Wundspreizer
 Laminectomy retractors
 Écarteurs pour laminectomie
 Separadores para laminectomía
 Divaricatori per laminectomia



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



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



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

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

scharf
 sharp
 pointu
 agudo
 acuto

stumpf
 blunt
 mousse
 romo
 smusso



CLOWARD

CLOWARD

Hemilaminectomie-Wundspreizer

Hemilaminectomy retractors

Écarteurs pour hemilaminectomie

Separadores para hemilaminectomía

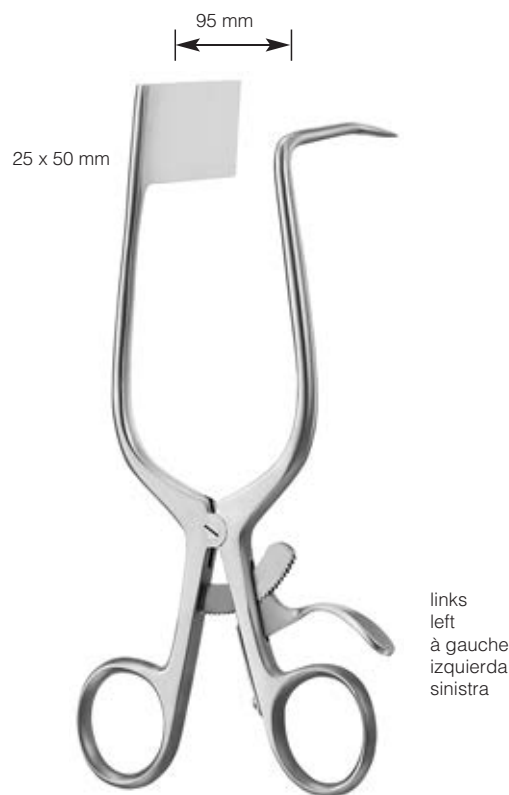
Divaricatori per hemilaminectomia



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

Cervicalspreizer (Wirbelkörperspreizer)

Cervical retractor (lamina spreader)
 Écarteur cervical (écarteur pour corps vertébraux)
 Separador cervical (separador de cuerpos vertebrales)
 Divaricatore cervicale (divaricatore per corpi vertebrali)



rechts
right
à droite
derecha
destra

rechts
right
à droite
derecha
destra

links
left
à gauche
izquierda
sinistra

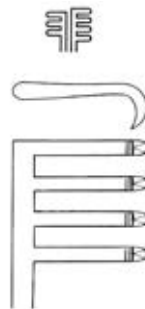
1 cm/5 cm	18.881.50	18.880.50
1 cm/6 cm	18.881.60	18.880.60
1 cm/7 cm	18.881.70	18.880.70
2 cm/5 cm	18.882.50	18.883.50
2 cm/6 cm	18.882.60	18.883.60
2 cm/7 cm	18.882.70	18.883.70

WILLIAMS



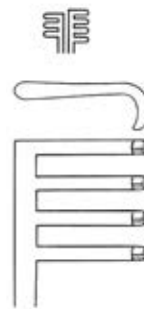
mit Sperre
with ratchet
avec cremaillère
con cierre
con serratura

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

CONTOUR
13,5 cm/5¼"

Cervicalspreizer (Wirbelkörperspreizer)

Cervical retractor (lamina spreader)

Écarteur cervical (écarteur pour corps vertébraux)

Separador cervical (separador de cuerpos vertebrales)

Divaricatore cervicale (divaricatore per corpi vertebrali)



CASPAR
15 cm/6"

90 mm



CASPAR
16,5 cm/6½"

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

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**

18.724.11

Sperrer allein
Spreader only
Ecarteur seul
Separador suelto
Divaricatore solo



18.716.45 - 18.716.65



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**

18.725.11

Sperrer allein
Spreader only
Ecarteur seul
Separador suelto
Divaricatore solo



18.716.45 - 18.716.65

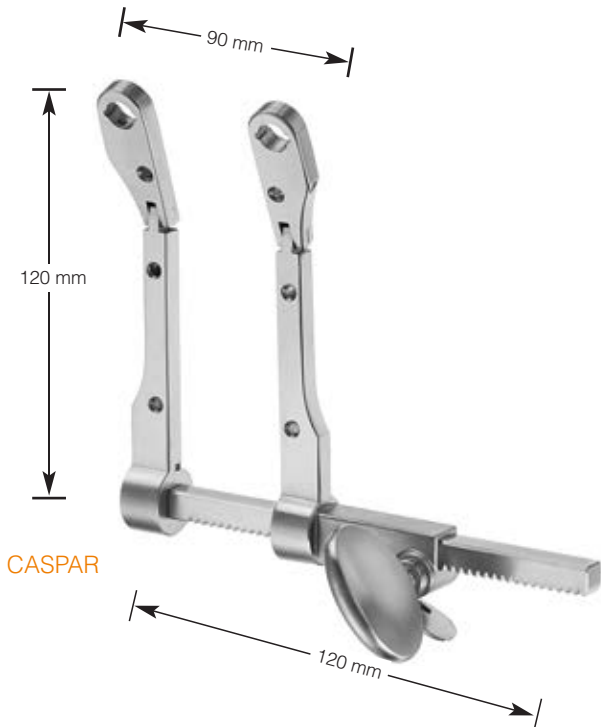
Cervicalspreizer (Wirbelkörperspreizer)

Cervical retractor (lamina spreader)

Écarteur cervical (écarteur pour corps vertébraux)

Separador cervical (separador de cuerpos vertebrales)

Divaricatore cervicale (divaricatore per corpi vertebrali)



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

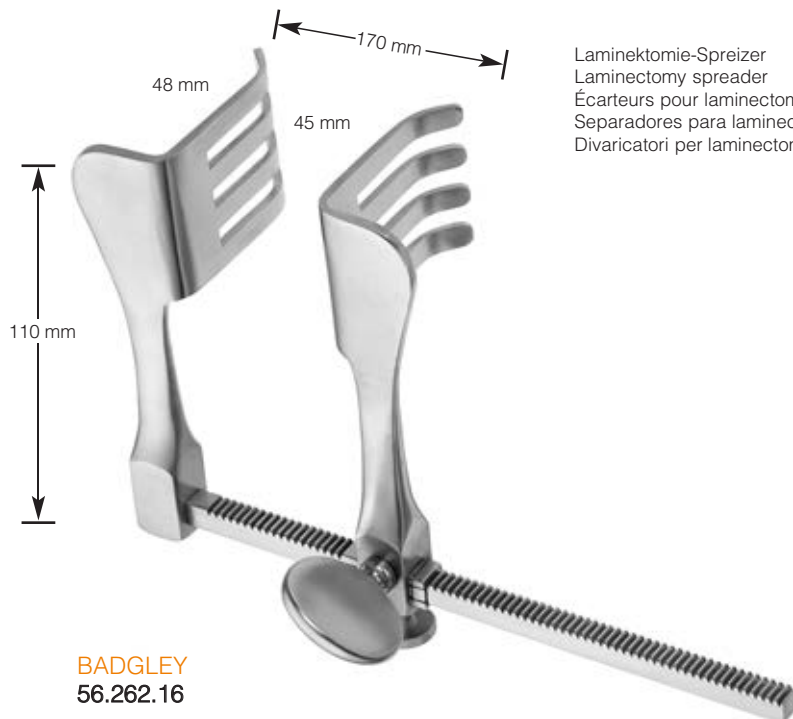
Sperrer allein
Spreader only
Écarteur seul
Separador suelto
Divaricatore solo



18.718.40 - 18.718.60



18.719.40 - 18.719.60



Laminectomie-Spreizer
Laminectomy spreader
Écarteurs pour laminectomie
Separadores para laminectomía
Divaricatori per laminectomia

Cervicalspreizer (Wirbelkörperspreizer)

Cervical retractor (lamina spreader)
Écarteur cervical (écarteur pour corps vertébraux)
Separador cervical (separador de cuerpos vertebrales)
Divaricatore cervicale (divaricatore per corpi vertebrali)



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 iliaca

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"

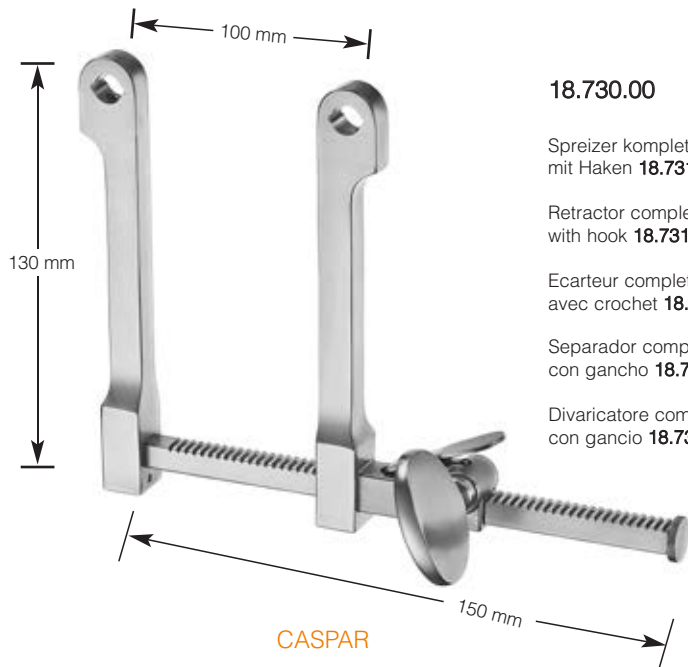
Cervicalspreizer (Wirbelkörperspreizer)

Cervical retractor (lamina spreader)

Écarteur cervical (écarteur pour corps vertébraux)

Separador cervical (separador de cuerpos vertebrales)

Divaricatore cervicale (divaricatore per corpi vertebrali)



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**

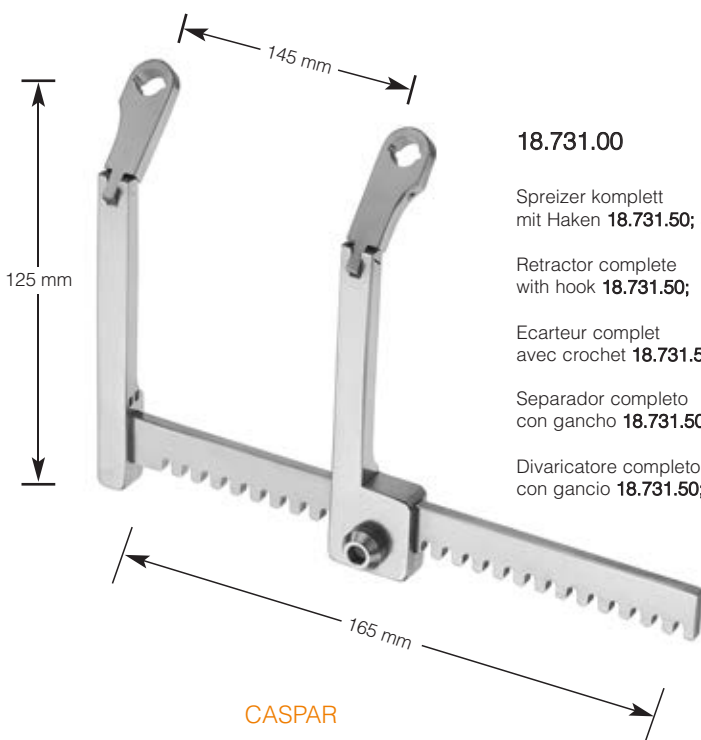
Ecarteur complet
avec crochet **18.731.50**; 5 valves **18.732.40 - 18.732.60**

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

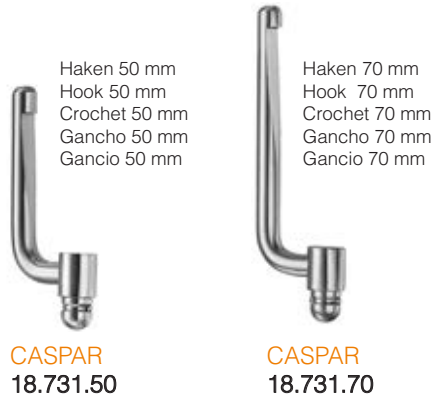
18.731.99

Drehschlüssel allein
Key only
Clé seule
Llave suelta
Chiave sola



Cervicalspreizer (Wirbelkörperspreizer)

Cervical retractor (lamina spreader)
 Écarteur cervical (écarteur pour corps vertébraux)
 Separador cervical (separador de cuerpos vertebrales)
 Divaricatore cervicale (divaricatore per corpi vertebrali)



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

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

CASPAR
18.736.01

Distraktor allein
 Distractor only
 Distracteur seule
 Distractor suelto
 Distractor solo



CASPAR
18.736.00

Wirbelkörperdistraktor für Eingriffe mittels rechtsseitigem Zugang zu C5 - T½ und linksseitigem Zugang zur oberen HWS, 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

Vertebral body distractor for use in surgical procedures from the right approach for C 5 through T½ and from the left approach for the upper cervical spine, 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 corps vertébral pour utilisation dans les interventions chirurgicales de la approche droite pour C 5 à T½ et de la approche gauche de la colonne cervicale supérieure, 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

Cuerpo vertebral distractor para su uso en procedimientos quirúrgicos desde a la derecha enfoque para C 5 a T½ y de la izquierda enfoque para la parte superior de la columna cervical, consistente en:

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

Distractor corpo vertebrale per l'uso in procedure chirurgiche da il approccio dresto per C 5 - T½ e da sinistra per il rachide cervicale superiore, 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
18.736.02

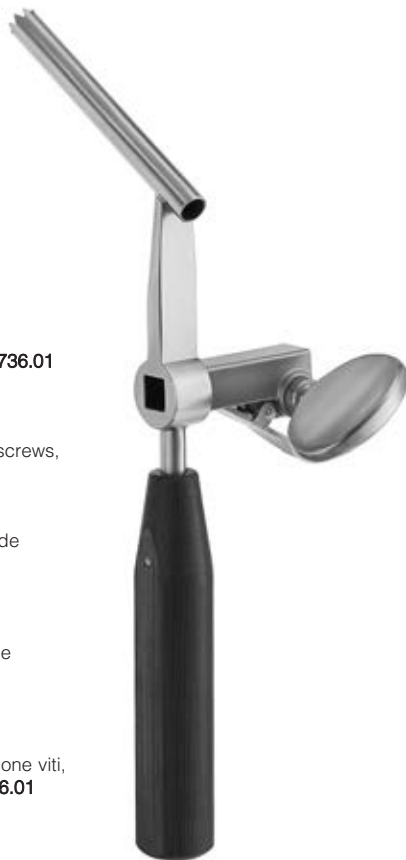
Bohrlehre
 zur parallelen Positionierung der
 Distraktionsschrauben, mit Distraktor **18.736.01**
 zu verwenden

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
18.737.01

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

Wirbelkörperdistraktor für Eingriffe mittels linksseitigem Zugang zu C5 -
 T½ und linksseitigem Zugang zur oberen HWS, 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 |

Vertebral body distractor for use in surgical procedures from the left
 approach for C 5 through T½ and from the left approach for the upper
 cervical spine, 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 corps vertébral pour utilisation dans des interventions
 chirurgicales à partir de la gauche approche de C 5 à T½ et de la gauche
 approche de la colonne cervicale supérieure, 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 |

Cuerpo vertebral distractor para su uso en procedimientos quirúrgicos de la
 izquierda enfoque de C 5 a T½ y de la izquierda enfoque para la parte
 superior de la columna cervical, consistente en:

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

Distractor corpo vertebrale per l'uso in procedure chirurgiche a sinistra per
 C 5 - T½ e da sinistra per il rachide cervicale superiore, 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 |

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

Bohrer, Ø 1,7 mm
 zum Vorbohren für Distractionsschrauben,
 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"

Distractionsschrauben 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
 Distractionsschrauben

Screw driver
 for distraction screws

Tournevis
 pour vis de distraction

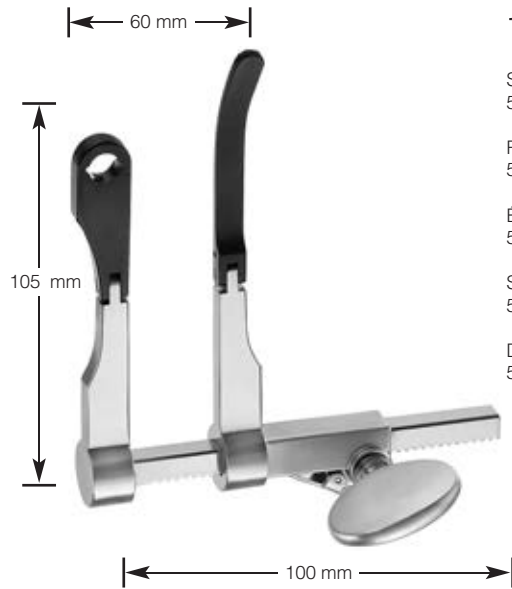
Destornillador
 para tornillos de distracción

Cacciavite
 per viti distrazione



CASPAR
18.736.20
 20 cm/8"

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



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**

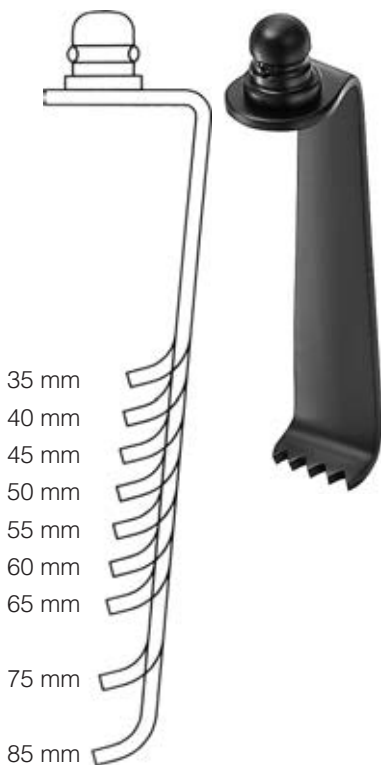
Écarteur complet avec
 5 valves latérales **18.738.35 - 18.738.60**

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

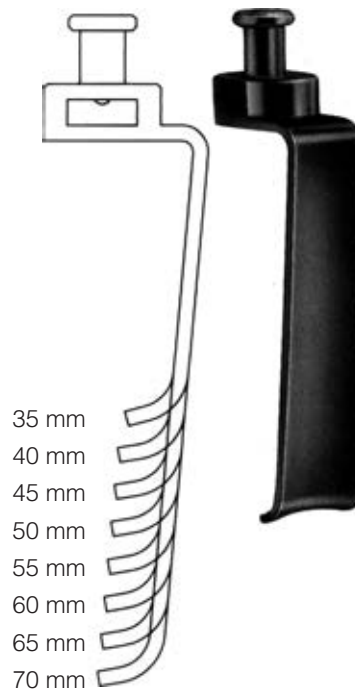
Sperrer allein
 Spreader only
 Écarteur seul
 Separador suelto
 Divaricatore solo



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

Lumbal-Wundspreizer

Lumbal retractors

Écarteurs autostatiques lombaires

Separadores lumbales autostáticos

Divaricatori autostatici lombari



CASPAR
17 cm/6¾"

CASPAR

18.744.00

Gegensperrerr 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

Gegensperrerr 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

Muskelabspreizer für lumbale Bandscheiben Operation
Specula for lumbar vertebral operations
Spéculum pour les opérations de disques vertébrales
Espéculos para las operaciones lumbares de disco intervertebral
Specula per operazioni vertebrale lombare



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

Hemilaminectomiespreizer

Hemilaminectomy retractors

Écarteurs pour hémilaminectomie

Separadores para hemilaminectomía

Divaricatori per emilaminectomia

18.751.25

Hemilaminectomiespreizer komplett, mit 2 Paar Blätter
Hemilaminectomy retractor complete, with 2 pairs of blades
Écarteur pour hémilaminectomie complet, con 2 paires de valves
Separador para hemilaminectomía completo, con 2 pares de valvas
Divaricatore per emilaminectomia completo, con 2 paio di valve



18.751.24

Rahmen allein
Frame only
Cadre seul
Cuadro suelto
Talaio solo

CLOWARD-HOEN
25 cm/10"

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

18.753.27

Hemilaminectomiespreizer komplett, mit 4 Blätter
Hemilaminectomy retractor complete, with 4 blades
Écarteur pour hémilaminectomie complet, con 4 valves
Separador para hemilaminectomía completo, con 4 valvas
Divaricatore per emilaminectomia completo, con 4 valve



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

Wundspreizer

Wound spreaders, self-retaining
Écarteurs autostatiques
Separadores autostáticos
Divaricatori autostatici



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

JANNETTA
19 cm/7½"

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



18.871.01



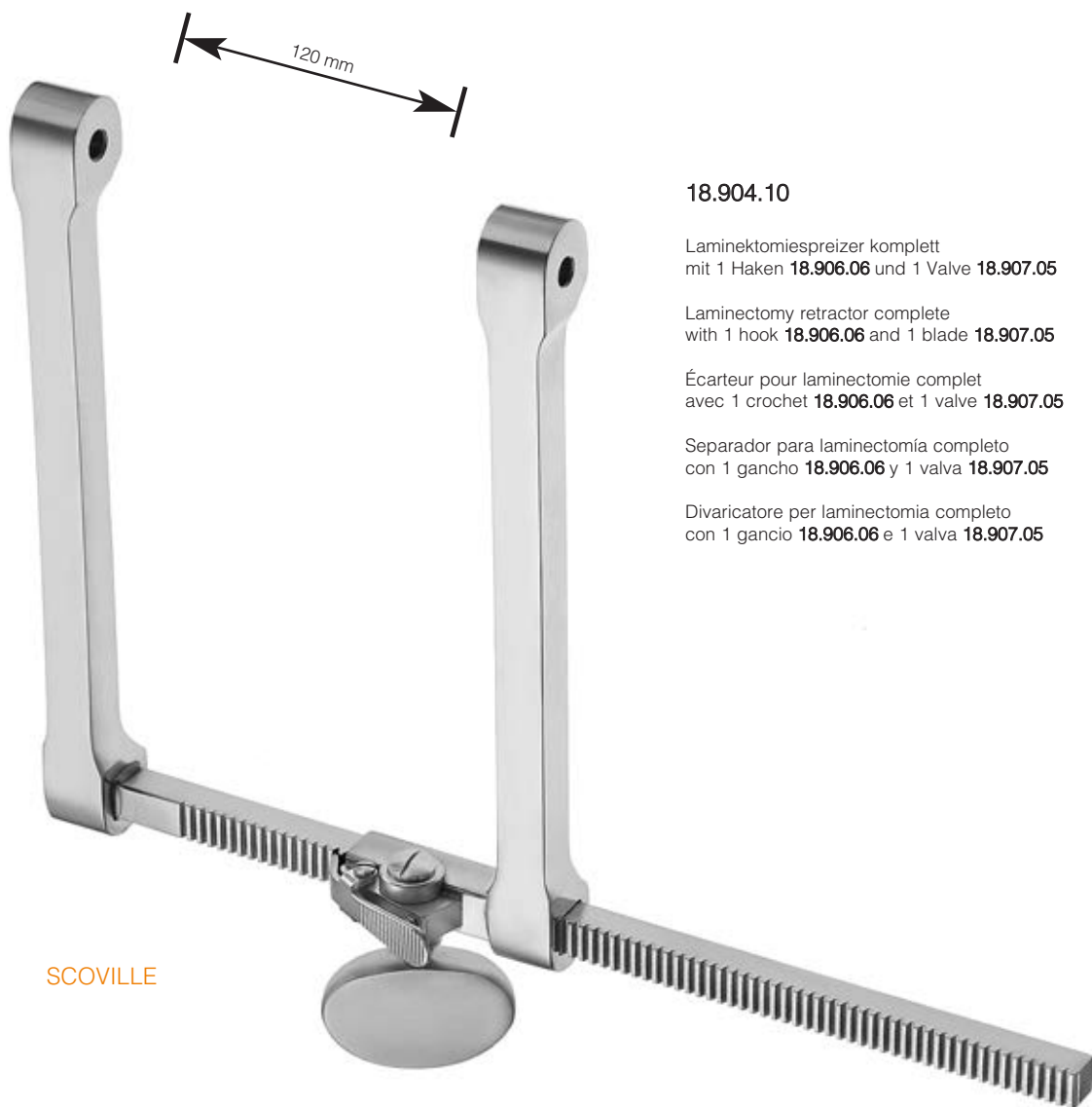
18.871.02

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



18.904.10

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

Laminectomy retractor complete
with 1 hook **18.906.06** and 1 blade **18.907.05**

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

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

Divaricatore per laminectomia 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



18.905.00

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

Laminectomy retractor complete
 with 1 hook **18.906.06** and 1 blade **18.907.05**

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

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

Divaricatore per laminectomia 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

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

Laminectomy retractor complete
 with 1 hook **18.906.06** and 1 blade **18.907.05**

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

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

Divaricatore per laminectomia 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



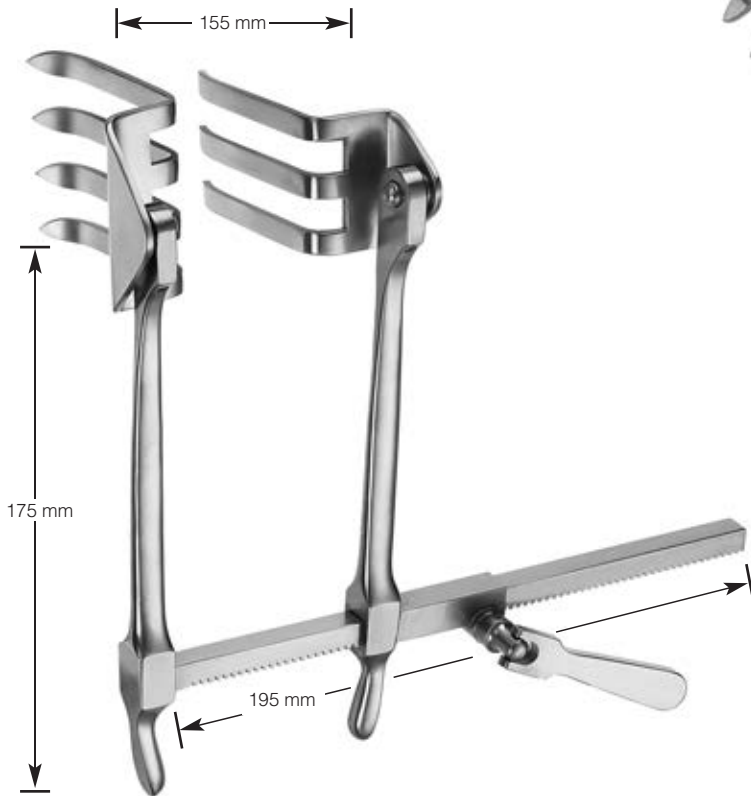
HIBBS

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

Laminektomiespreizer komplett
 mit 1 Paar Valven **18.948.11**

Laminectomy retractor complete
 with 1 pair of blades **18.948.11**

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

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

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

18.948.10

Rahmen allein
 Frame only
 Cadre seul
 Cuadro suelto
 Talaio solo



62 x 52 mm

62 x 37 mm

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

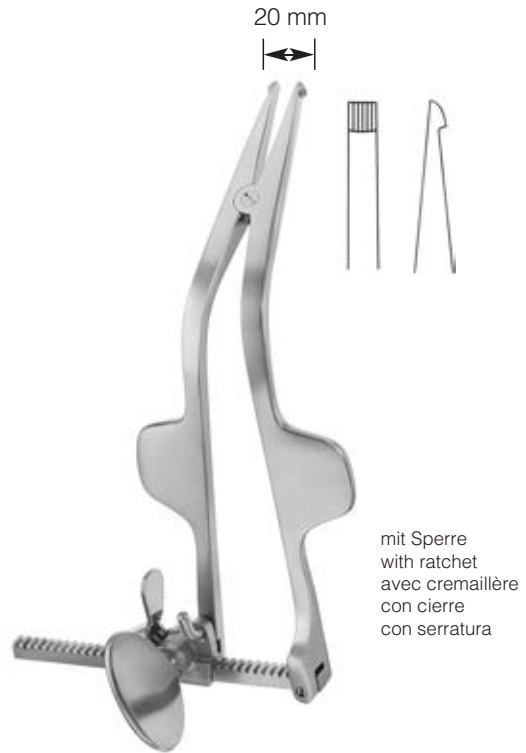
Paar
 Pair
 Paire
 Par
 Paio

Laminektomiespreizer
 Laminectomy retractors
 Écarteurs pour laminectomie
 Separadores para laminectomía
 Divaricatori per laminectomia



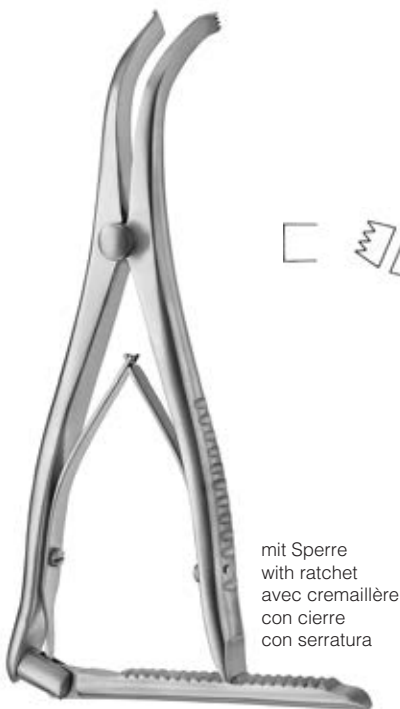
mit Sperre
 with ratchet
 avec cremaillère
 con cierre
 con serratura

CLOWARD
40.401.16
 16 cm/6¼"



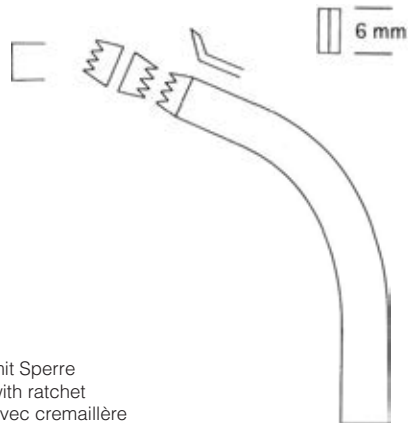
mit Sperre
 with ratchet
 avec cremaillère
 con cierre
 con serratura

CLOWARD
40.402.15
 15 cm/6"

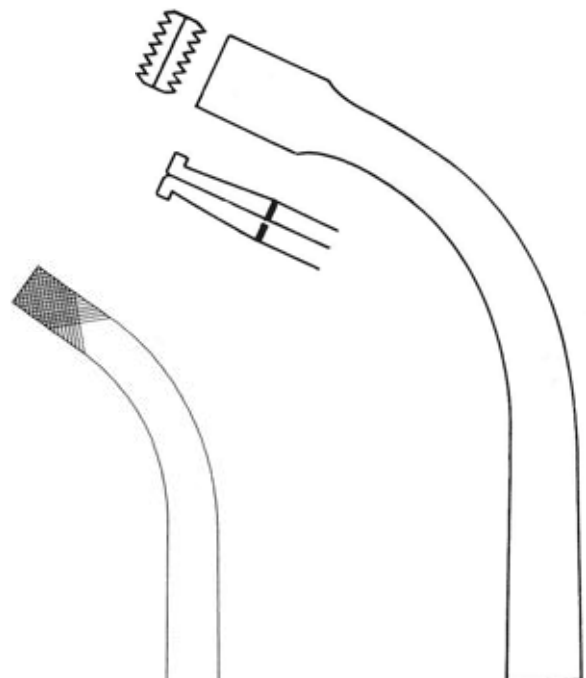


mit Sperre
 with ratchet
 avec cremaillère
 con cierre
 con serratura

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







Nadelhalter mit Hartmetalleinlagen

Needle holders with tungsten carbide inserts
 Porte-aiguilles avec inserts en carbure tungstène
 Porta-agujas con plaquitas de carburo tungsteno
 Portaghi con morsi in carburo tungsteno

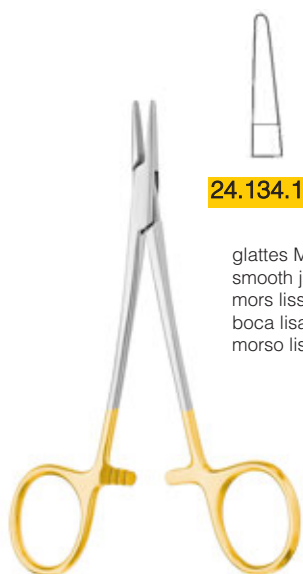
mit TC-Einsätzen
 with TC inserts
 avec mors TC
 con bocas TC
 con morso TC

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 placche in carburo di tungsteno:

		Teilung Structure Structure Estriatura 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

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



24.134.13

glattes Maul
smooth jaw
mors lisse
boca lisa
morso liscio

HALSEY
13 cm/5 1/8"



24.144.13

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



24.147.13

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

NEIVERT
13 cm/5 1/8"



24.147.13L

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



0,5

Normalprofil
Regular profile
Profil regulare
Perfil regular
Profilo regolare

BAUMGARTNER
12,5 cm/5" **24.154.12**
14 cm/5 1/2" **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

CRILE WOOD



24.164.15
15 cm/6"



24.164.15L
15 cm/6"



24.164.18
18 cm/7"



24.164.20
20 cm/7 3/4"

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

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



BABY CRILE WOOD
24.168.15
 15 cm/6"

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



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 regulare
 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



DE BAKEY
24.212.16
 16,5 cm/6½"

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



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"

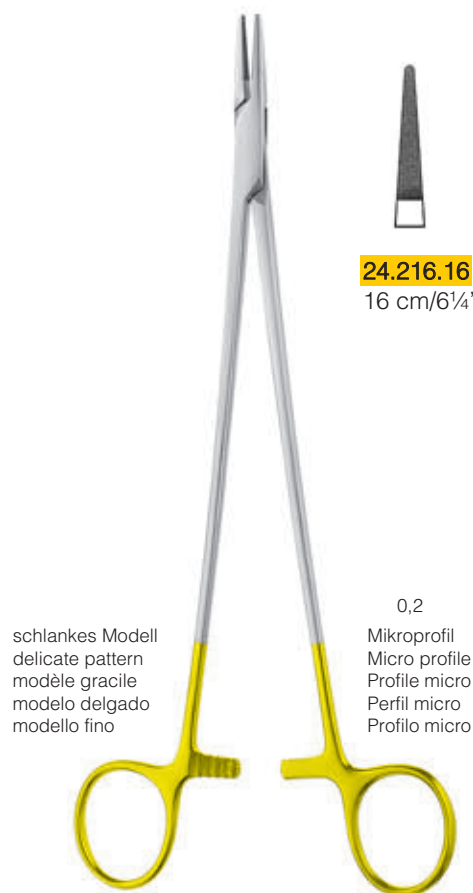


24.214.31
 31 cm/12½"



24.214.37
 37 cm/14¾"

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



schlankes Modell
delicate pattern
modèle gracile
modelo delgado
modello fino

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

DE BAKEY

24.216.16
16 cm/6¼"

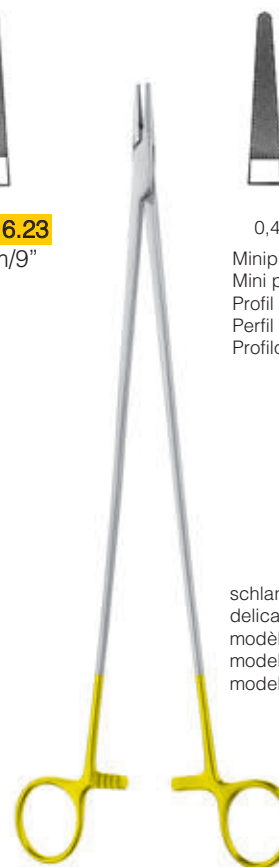
24.216.18
18 cm/7"

24.216.21
21 cm/8¼"

24.216.23
23 cm/9"

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



schlankes Modell
delicate pattern
modèle gracile
modelo delgado
modello fino

DE BAKEY
24.216.31
31 cm/12½"



RYDER

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 VASCULAR

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
Profilo micro
Perfil micro
Profilo micro

schlankes Modell
delicate pattern
modèle gracile
modelo delgado
modello fino

Nadelhalter
 Needle holders
 Porte-aiguilles
 Porta-agujas
 Port'aghi

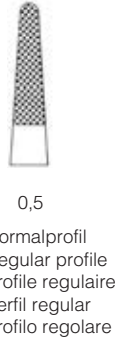
mit TC-Einsätzen
 with TC inserts
 avec mors TC
 con bocas TC
 con morso TC



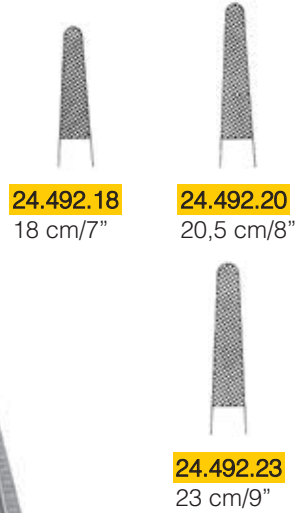
JULIAN
 24.247.20
 20 cm/8"



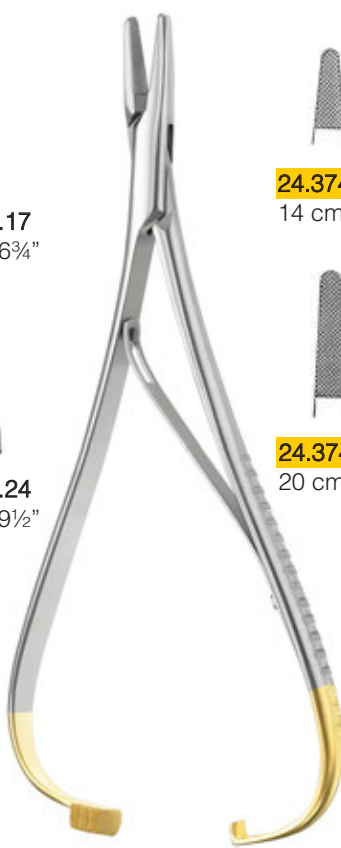
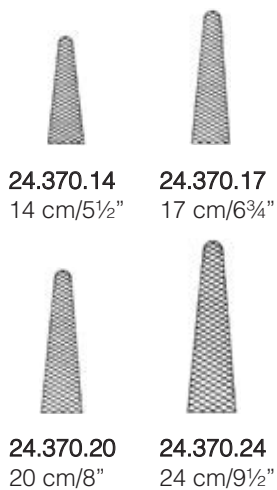
TOENNIS
 24.364.18
 18 cm/7"



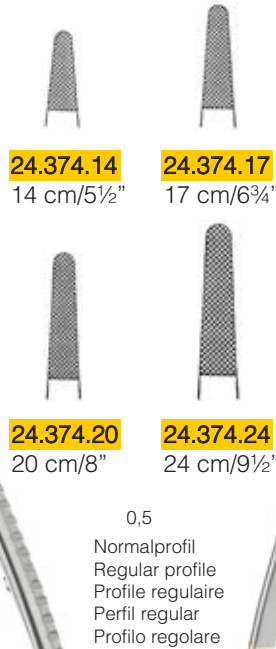
LANGENBECK



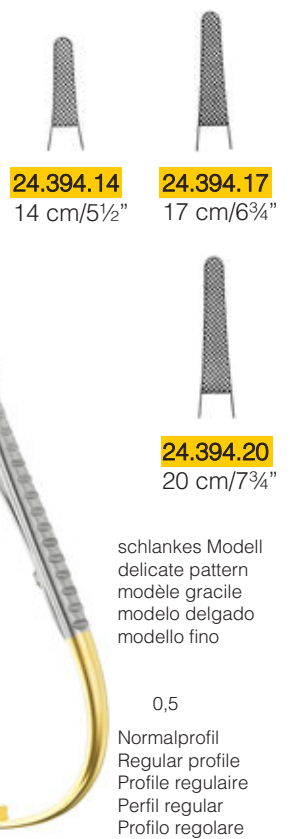
MATHIEU



MATHIEU



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"

Mikro-Nadelhalter

Micro needle holders
 Micro porte-aiguilles
 Micro porta-agujas
 Micro port'aghi

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

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		

CASTROVIEJO-JACOBSON

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



TOLEDO

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 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

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 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 feinfühlig 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

Mikro-Nadelhalter
 Micro needle holders
 Micro porte-aiguilles
 Micro porta-agujas
 Micro port'aghi

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




24.711.16
 16,5 cm/6½"


24.710.20
 20 cm/8"


24.711.20
 20cm/8"


24.710.22
 22,5 cm/9"


24.711.22
 22,5 cm/9"


24.711.24
 24cm/9½"

YASARGIL



JACOBSON
 18 cm/7"



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

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



18,5 cm/7¼"

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

Mikro-Nadelhalter

Micro needle holders
Micro porte-aiguilles
Micro porta-agujas
Micro port'aghi

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

mit Sperre
with catch
avec crémaillère
con cierre
con serratura



11 x 0,8 mm

mit Sperre
with catch
avec crémaillère
con cierre
con serratura



11 x 0,8 mm

ohne Sperre
without catch
sans crémaillère
sin cierre
senza serratura



11 x 0,8 mm

ohne Sperre
without catch
sans crémaillère
sin cierre
senza serratura




11 x 0,8 mm

18 cm/7"	24.920.18			24.923.18
21 cm/8¼"	24.920.21	24.921.21	24.922.21	24.923.21

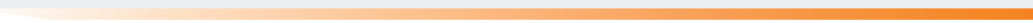
Titan
Titanium
Titane
Titanio
Titanio



10



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



Hohlmeißelzangen

Bone rongeurs
Pincas-gouges
Pinzas-gubias
Pinze sgorbie



FRIEDMAN MINI
32.101.12
12 cm/5"



FRIEDMAN
32.101.14
14 cm/5½"



MEAD
32.109.16
16,5 cm/6½"



CLEVELAND
32.103.14
14 cm/5½"



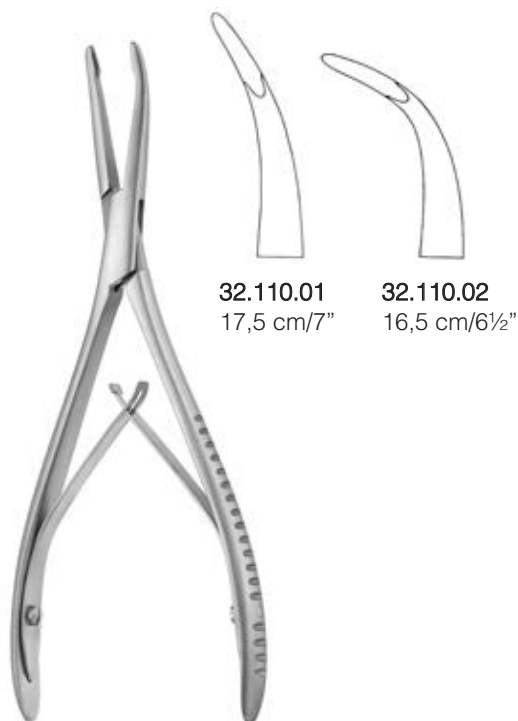
CLEVELAND
32.105.17
17 cm/6¾"



MEAD
32.107.16
16 cm/6¼"

Hohlmeißelzangen

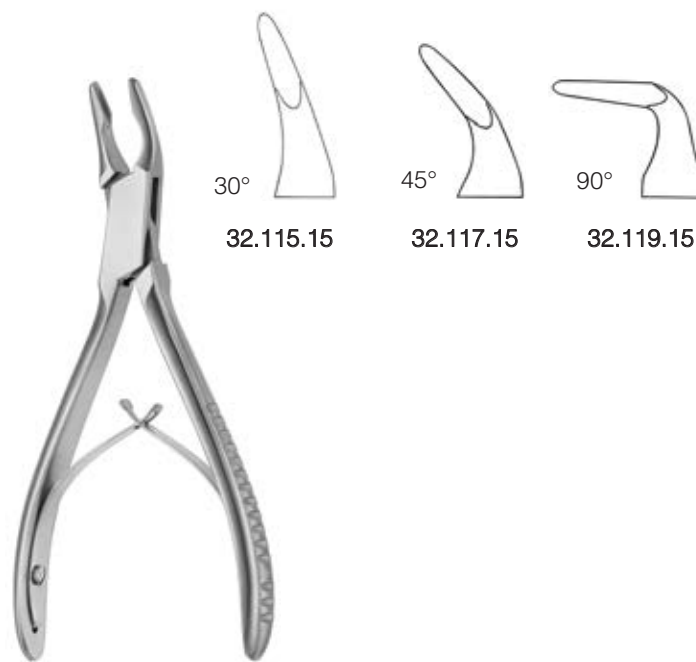
Bone rongeurs
Pincas-gouges
Pinzas-gubias
Pinze sgorbie



32.110.01
17,5 cm/7"

32.110.02
16,5 cm/6½"

STELLBRINK



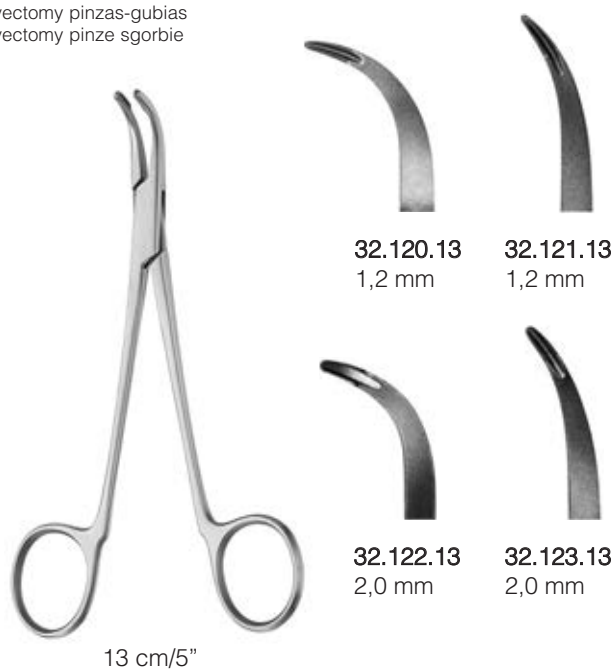
30°
32.115.15

45°
32.117.15

90°
32.119.15

BLUMENTHAL
15,5 cm/6¼"

Synovectomie-zangen
Synovectomy rongeurs
Synovectomie pincas-gouges
Synovectomy pinzas-gubias
Synovectomy pinze sgorbie



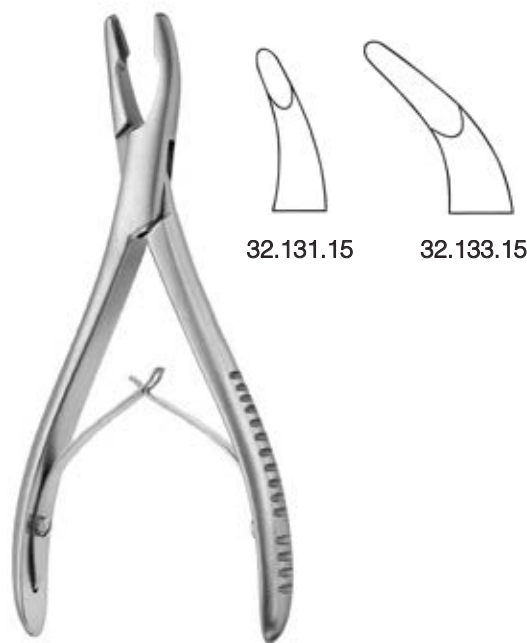
32.120.13
1,2 mm

32.121.13
1,2 mm

32.122.13
2,0 mm

32.123.13
2,0 mm

13 cm/5"



32.131.15

32.133.15

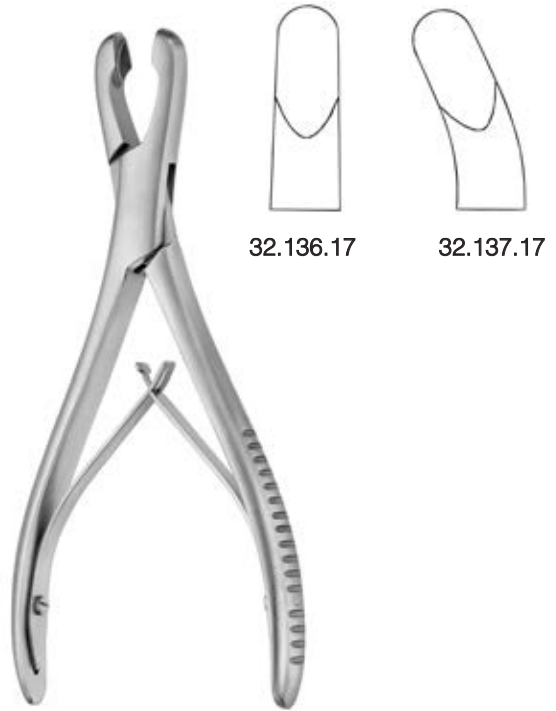
LUER
15 cm/6"

Hohlmeißelzangen

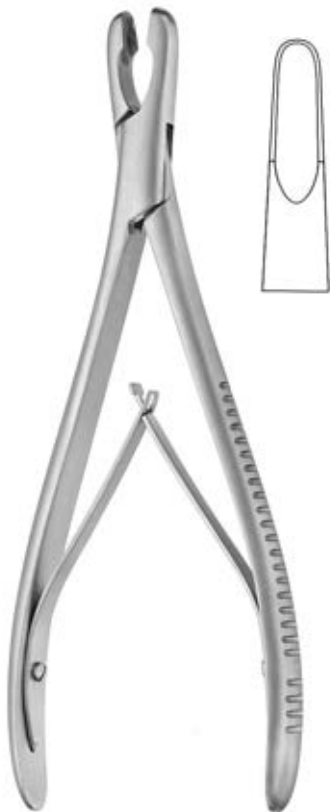
Bone rongeurs
Pincas-gouges
Pinzas-gubias
Pinze sgorbie



BANE-HARTMANN
32.135.18
18 cm/7"



LUER
17 cm/6¾"



ADSON
20 cm/8" 32.142.20 32.143.20



OLIVECRONA
32.147.20
20 cm/8"

Hohlmeißelzangen

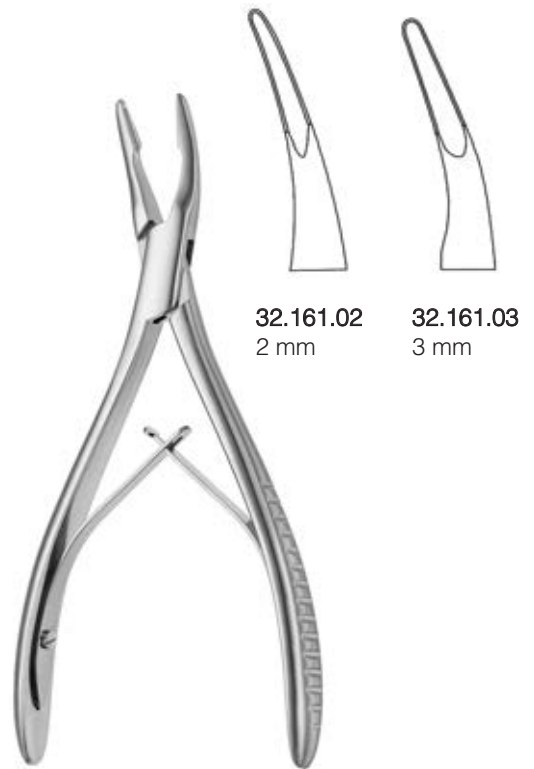
Bone rongeurs
Pinces-gouges
Pinzas-gubias
Pinze sgorbie



LEMPERT
18,5 cm/7¼"



BEYER
32.159.18
18 cm/7"

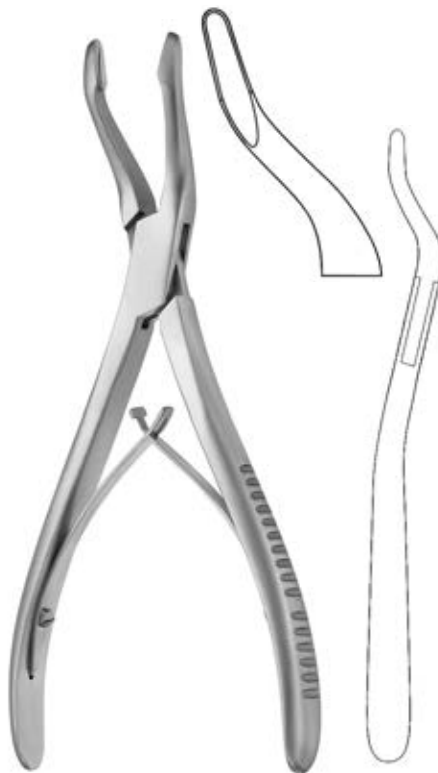


BEYER
32.161.02
17 cm/6¾"

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



BACON
32.165.20
20 cm/8"



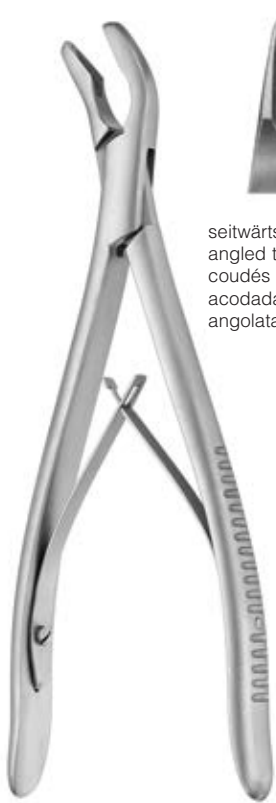
JANSEN
32.167.19
19 cm/7½"



GULEKE
32.169.20
20,5 cm/8¼"

Hohlmeißelzangen

Bone rongeurs
Pincas-gouges
Pinzas-gubias
Pinze sgorbie



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

BOEHLER
15 cm/5¾"



32.210.15
2 mm



32.211.15
2 mm



32.212.15
3 mm



32.213.15
3 mm



MARQUARDT
32.215.20
20 cm/8"



32.21

RUSKIN
18 cm/7"



32.217.18



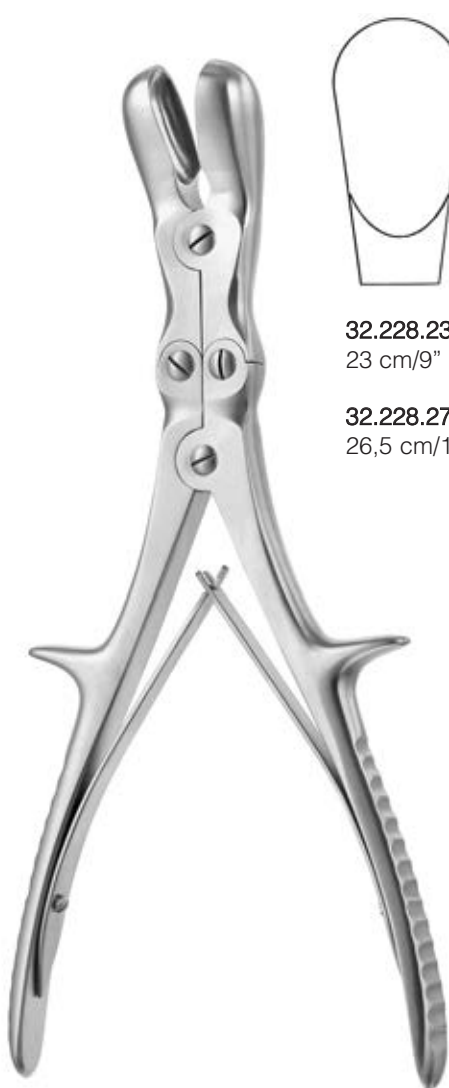
RUSKIN
32.218.23
23 cm/9"



RUSKIN
32.219.23
23 cm/9"

Hohlmeißelzangen

Bone rongeurs
Pinces-gouges
Pinzas-gubias
Pinze sgorbie



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"

Hohlmeißelzangen

Bone rongeurs

Pinces-gouges

Pinzas-gubias

Pinze sgorbie



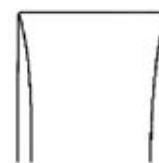
STILLE LUER
32.235.23
23 cm/9"



STILLE RUSKIN
32.237.23
23 cm/9"



SAUERBRUCH
31 cm/12¼"



32.241.30



32.243.30

Hohlmeißelzangen

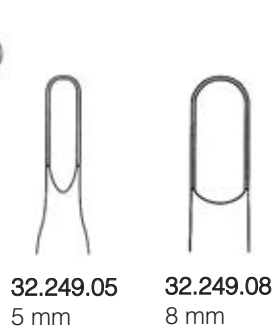
Bone rongeurs
Pincas-gouges
Pinzas-gubias
Pinze sgorbie



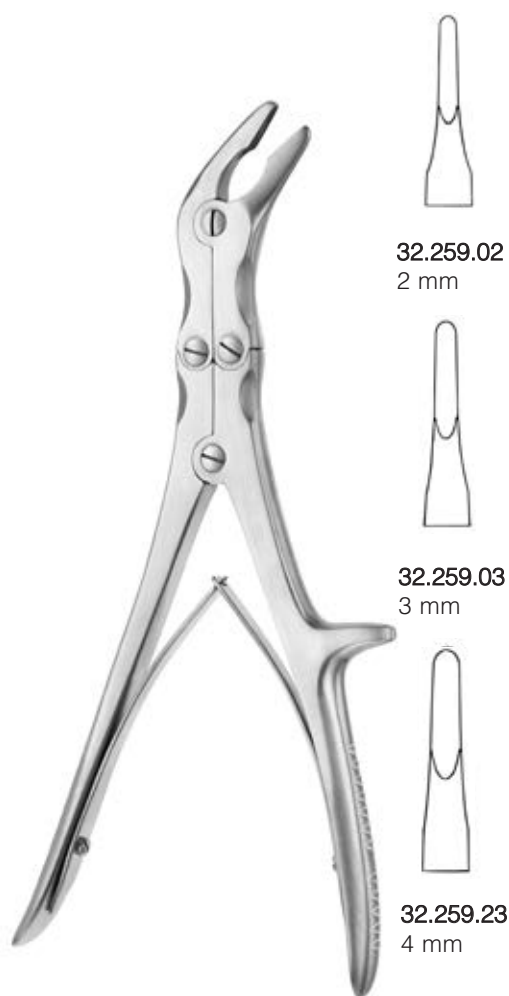
LEKSELL (STILLE)
23 cm/9"



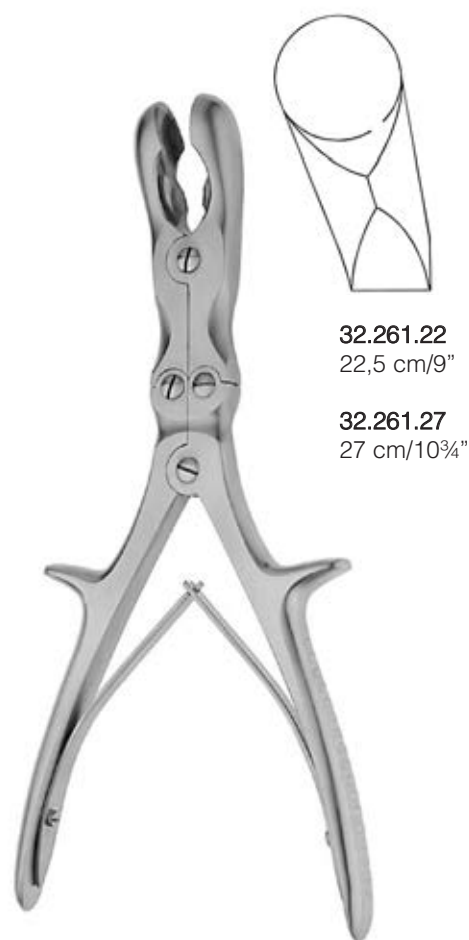
LEKSELL
23 cm/9"



FRYKHOLM
32.255.24
24 cm/9½"



ECHLIN
23 cm/9"



SEMB



SMITH PETERSEN
24 cm/9½"

Knochensplitterzangen
Bone cutting forceps
Pincès coupantes à os
Pinzas cortantes para hueso
Cesoie per ossa



McINDOE
32.284.17
17,5 cm/7"



RUSKIN LISTON
18,5 cm/7¼"



32.286.18



32.289.18



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



32.469.96
 Fig. 0000



32.470.02
 Fig. 2



32.480.97
 Fig. 000



32.481.03
 Fig. 3



32.469.97
 Fig. 000



32.470.03
 Fig. 3



32.480.98
 Fig. 00



32.481.04
 Fig. 4



32.469.98
 Fig. 00



32.470.04
 Fig. 4



32.481.00
 Fig. 0



32.481.05
 Fig. 5



32.470.00
 Fig. 0



32.470.05
 Fig. 5



32.481.01
 Fig. 1



32.481.06
 Fig. 6



32.470.01
 Fig. 1



32.470.06
 Fig. 6



32.481.02
 Fig. 2



VOLKMANN
 17 cm/6¾"

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



BRUNS
 23 cm/9"

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



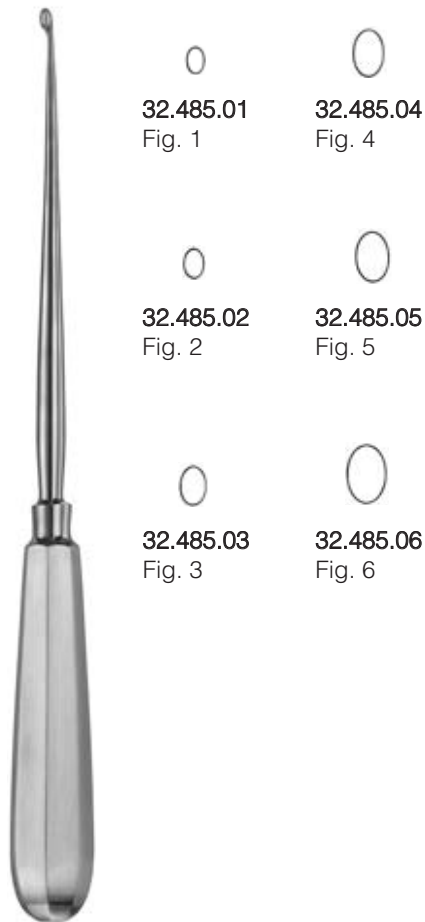
32.482.01

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

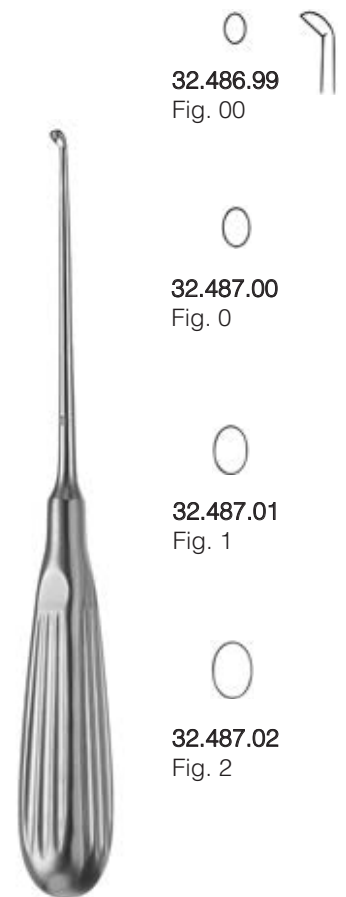
32.485.04
 Fig. 4

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
 ovata, con gambo malleabile, con manico vuoto

HALLE
 21 cm/8¼"

Scharfe Doppellöffel

Bone curettes, double-ended
Curettes doubles
Cucharillas de doble extremo
Curette doppie



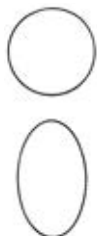
32.492.13
13 cm/5"



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

00

0

32.498.01

0

1

32.498.12

1

2

MARTINI
13,5 cm/5¼"

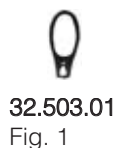


32.502.21
21 cm/8¼"

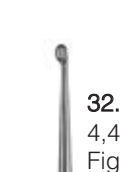
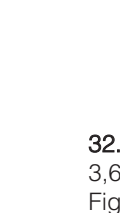
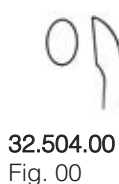
Spinal-Fusionsküretten
 Spinal fusion curettes
 Curettes pour la fusion spinal
 Cucharillas para la fusión espinal
 Curette per la fusione spinale



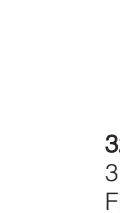
COBB
 28 cm/11"



VOLKMANN
 27 cm/10¾"



CASPAR
 22 cm/8¾"



CASPAR
 22 cm/8¾"

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

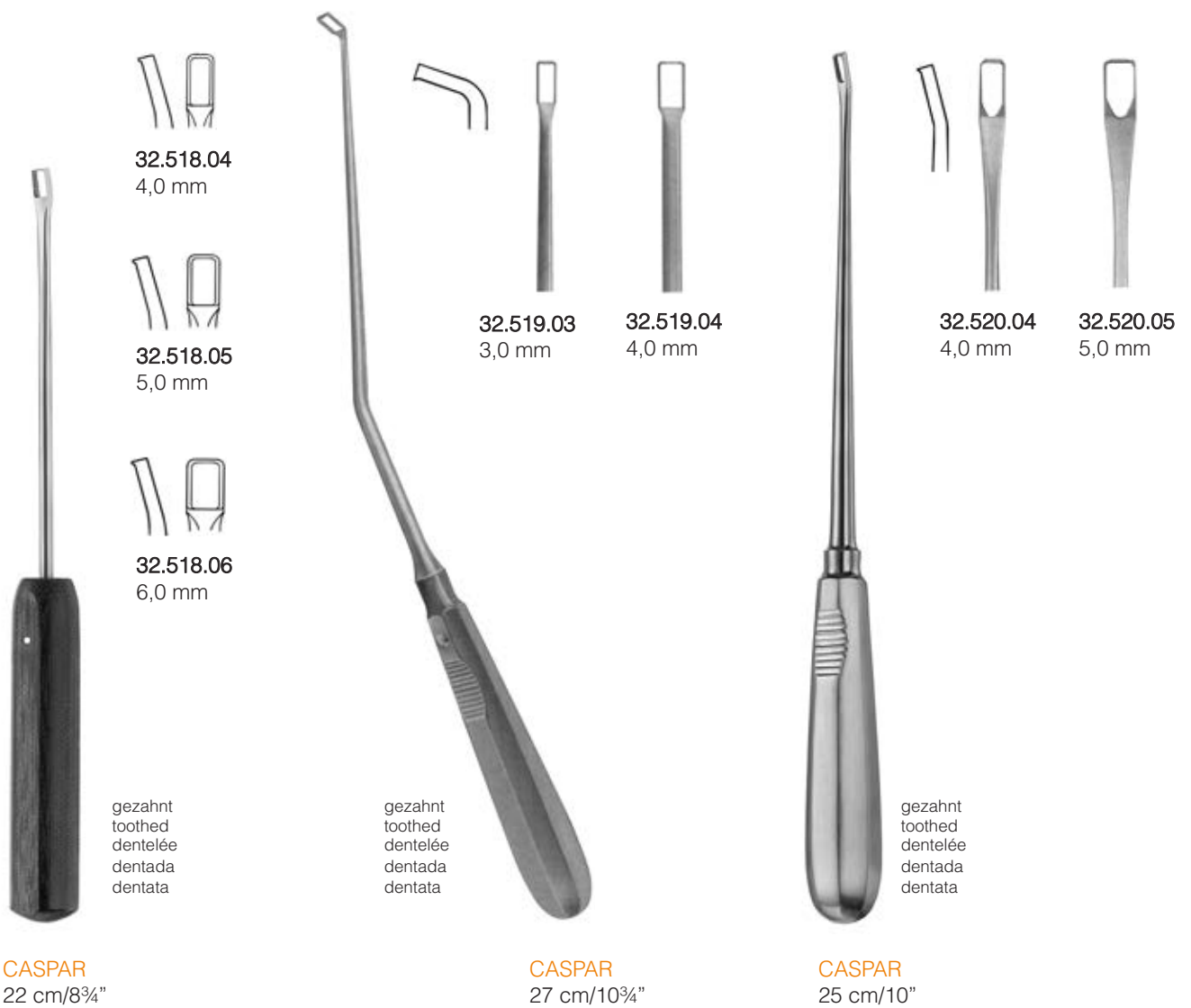


25 cm/9¾"

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



CASPAR
 22 cm/8³/₄"

CASPAR
 27 cm/10³/₄"

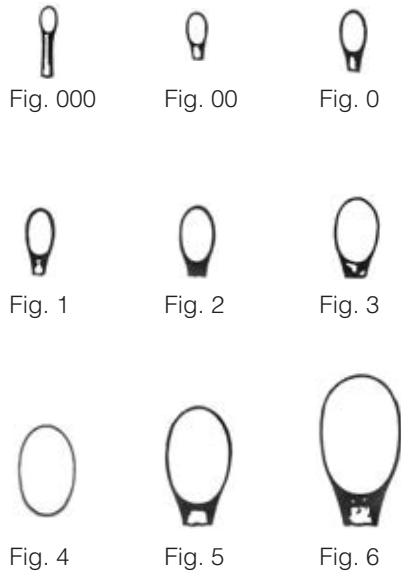
CASPAR
 25 cm/10"

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

Spinal-Fusionsküretten

Spinal fusion curettes
 Curettes pour la fusion spinal
 Cucharillas para la fusión espinal
 Curette per la fusione spinale

Spinal-Fusionsküretten
 Spinal fusion curettes
 Curettes à fusion spinal
 Cucharillas para la fusión espinal
 Curette per la fusione spinale



20 cm/8"

gerade
 straight
 droits
 rectas
 rette

20 cm/8"

gebogen
 curved
 courbées
 curvas
 curve

28 cm/11"

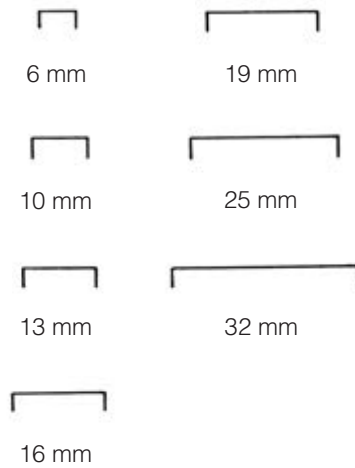
gerade
 straight
 droits
 rectas
 rette

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

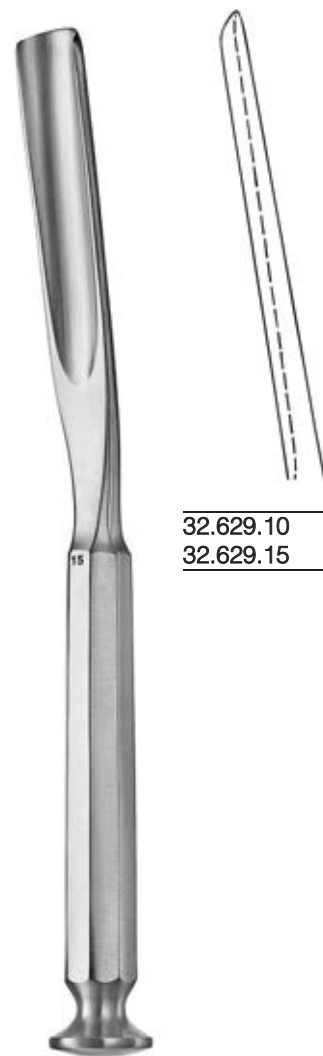
Hohlmeißel zur Knorpelentnahme aus der Rippe
 Gouges for taking grafts from the ribs
 Gouges pour la prise de greffons des côtes
 Gubias para la toma de injertos de las costillas
 Sgorbie per l'adozione di innesti dalla costola



28 cm/11"



	gerade straight droits rectos rette	gebogen curved courbés curvos curve
6 mm/1/4"	32.550.06	32.551.06
10 mm/3/8"	32.550.10	32.551.10
13 mm/1/2"	32.550.13	32.551.13
16mm/5/8"	32.550.16	32.551.16
19 mm/3/4"	32.550.19	32.551.19
25 mm/1"	32.550.25	32.551.25
32 mm/1 1/4"	32.550.32	32.551.32



32.629.10 10 mm
 32.629.15 15 mm

WALTER
 20 cm/8"

Stößel

Tampers

Pilons métalliques

Punzones metálicos

Pestoni metallici



- 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

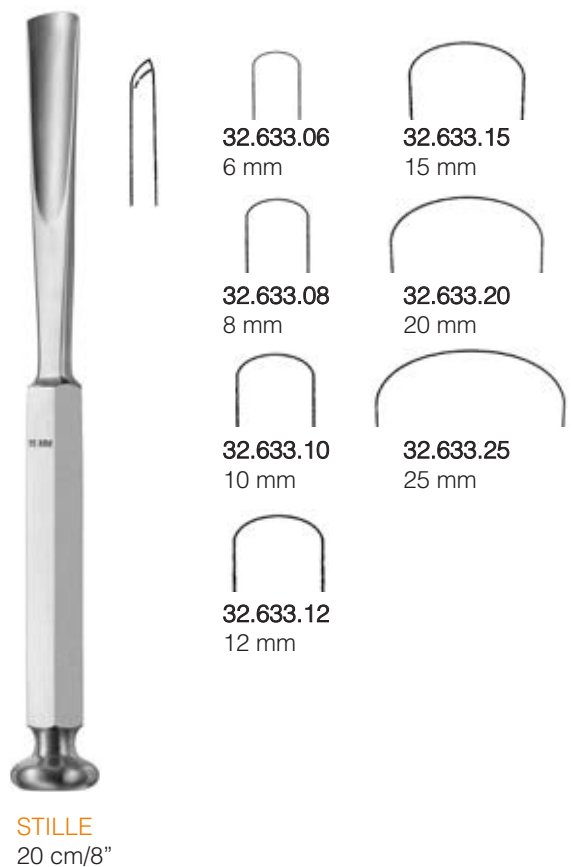
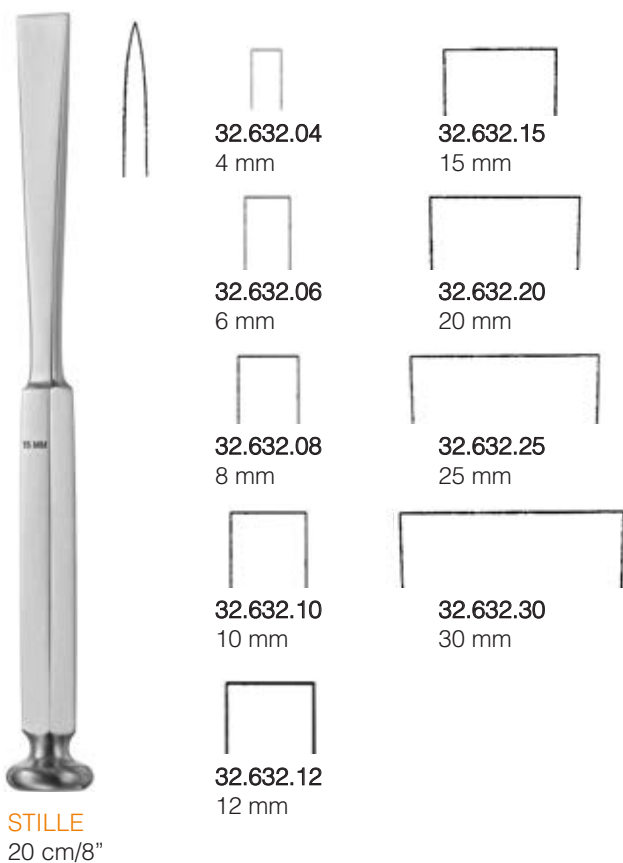
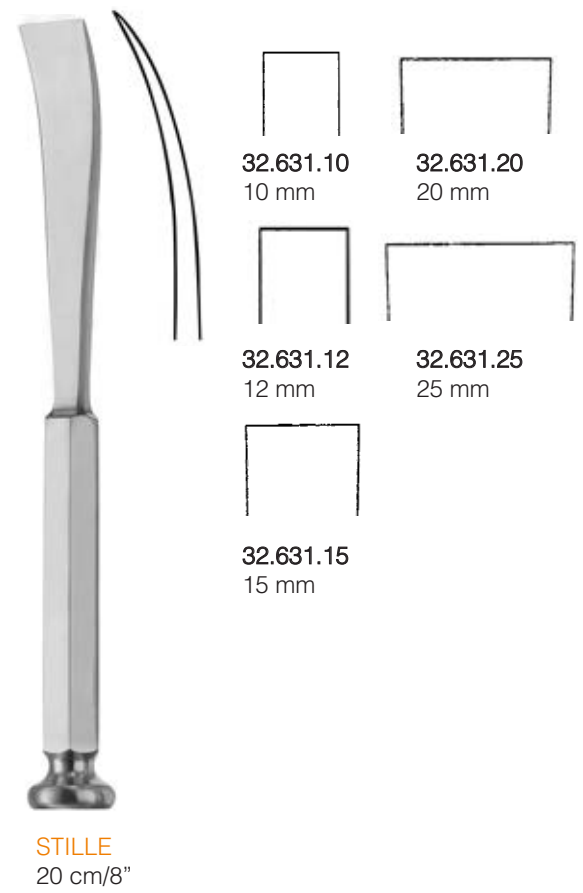
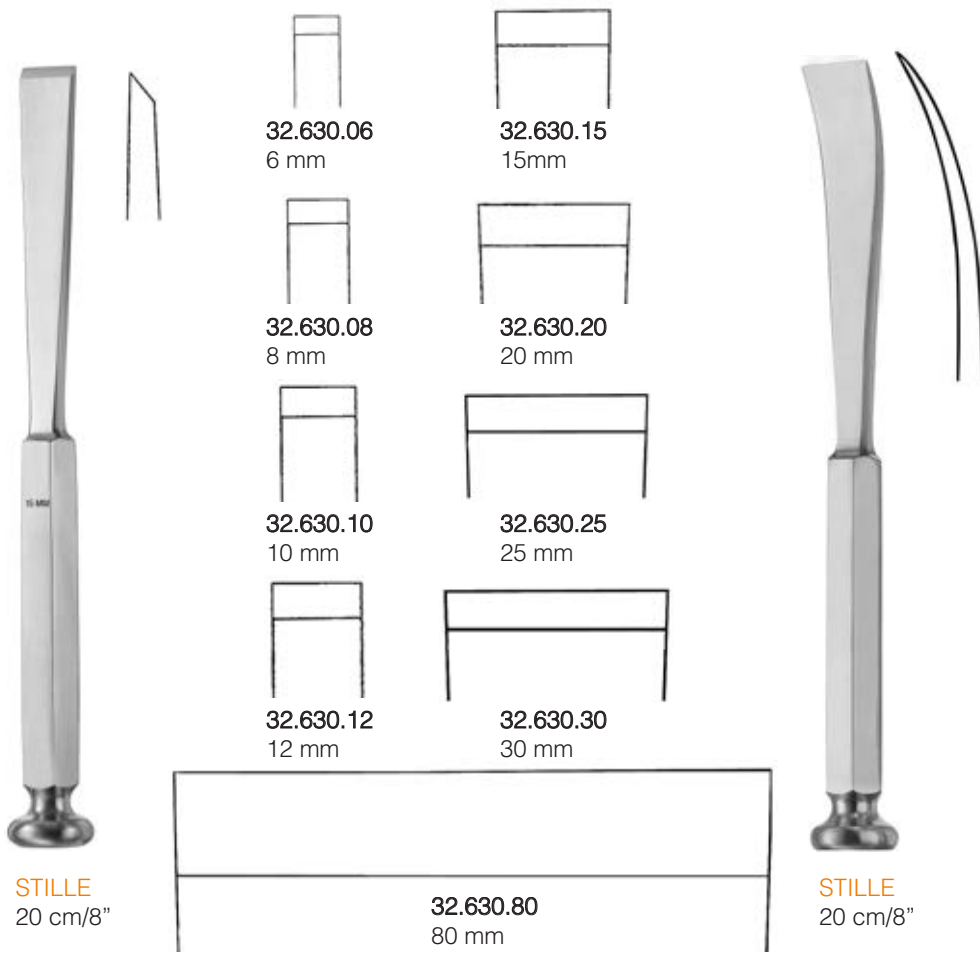
CASPAR
20 cm/8"



- 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"

CASPAR (CCR)	132 - 136 179 - 184
Siehe auch Seite:	199
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Osteotome

Osteotomes
Ostéotomes
Osteótomos
Osteotomi



32.650.04
4 mm

32.650.06
6 mm

32.650.08
8 mm

32.650.10
10 mm

32.650.13
13 mm

32.650.15
15 mm

32.650.18
18 mm

32.650.20
20 mm

32.650.25
25 mm

32.650.30
30 mm

32.650.38
38 mm

32.650.44
44 mm

32.650.50
50 mm

LAMBOTTE
24 cm/9½"



32.651.08
8 mm

32.651.10
10 mm

32.651.13
13 mm

32.650.18
18 mm

32.651.20
20 mm

32.651.25
25 mm

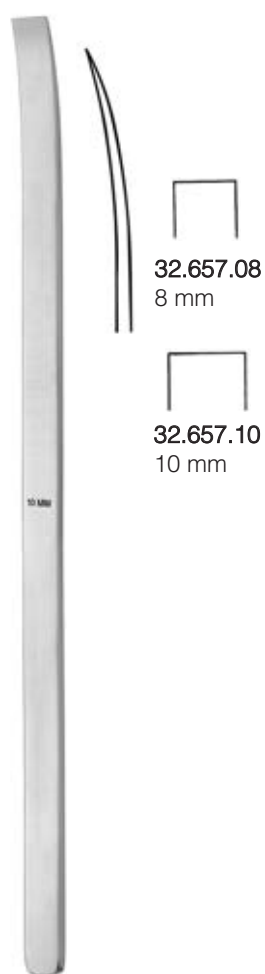
32.651.30
30 mm

32.651.38
38 mm

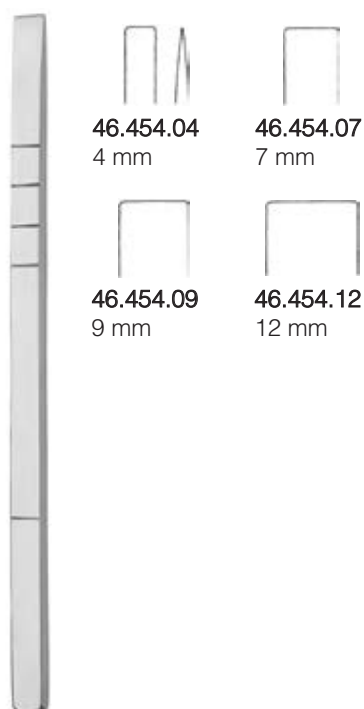
32.651.44
44 mm

32.651.50
50 mm

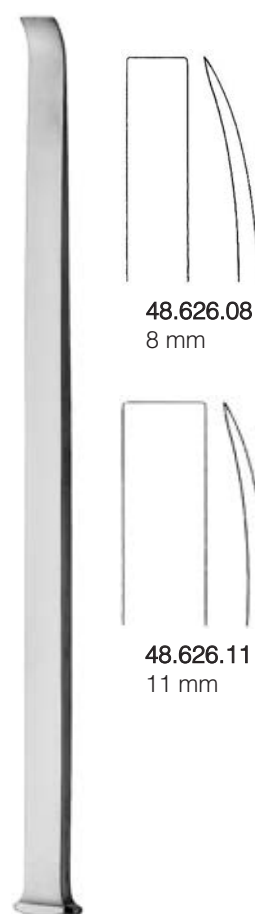
LAMBOTTE
24 cm/9½"



NIEDERDELMANN
 25 cm/9¾"



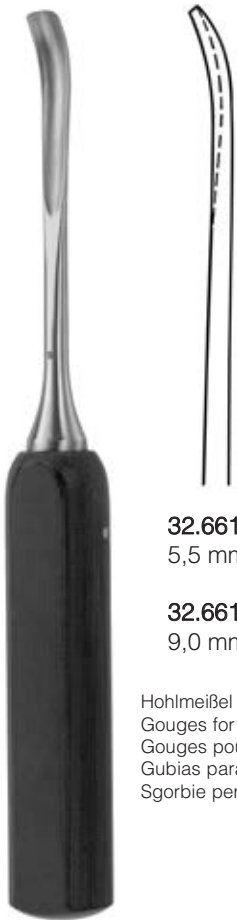
COTTLE
 18 cm/7"



OBWEGESER
 23,5 cm/9¼"

Osteotome, Hohlmeißel

Osteotomes, gouges
 Ostéotomes, gouges
 Osteótomos, gubias
 Osteotomi, sgorbie



32.661.01
5,5 mm

32.661.02
9,0 mm

Hohlmeißel für Skoliose Operationen
 Gouges for scoliosis operations
 Gouges pour les opérations de scoliose
 Gubias para las operaciones de escoliosis
 Sgorbie per le operazioni di scoliosi

ZIELKE
23 cm/9"



32.662.06
6 mm

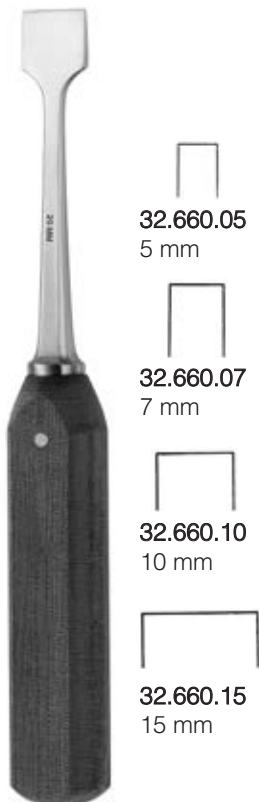
32.662.08
8 mm

32.662.11
11 mm

32.662.16
16 mm

Wirbelsäulenmeißel, bajonettförmig
 Lamina gouges, bayonet-shaped
 Gouges pour la colonne vertébrale, de forma baïonnette
 Gubias para la columna vertebral, en forma bayoneta
 Sgorbie per la colonna vertebrale, a forma di baionetta

23,5 cm/9¼"



32.660.05
5 mm

32.660.07
7 mm

32.660.10
10 mm

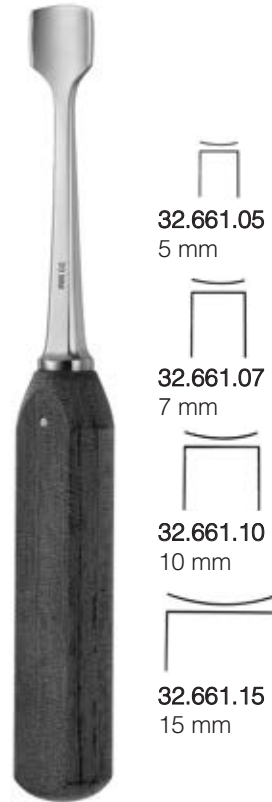
32.660.15
15 mm

32.660.20
20 mm

32.660.25
25 mm

32.660.30
30 mm

LEXER
22 cm/8¾"



32.661.05
5 mm

32.661.07
7 mm

32.661.10
10 mm

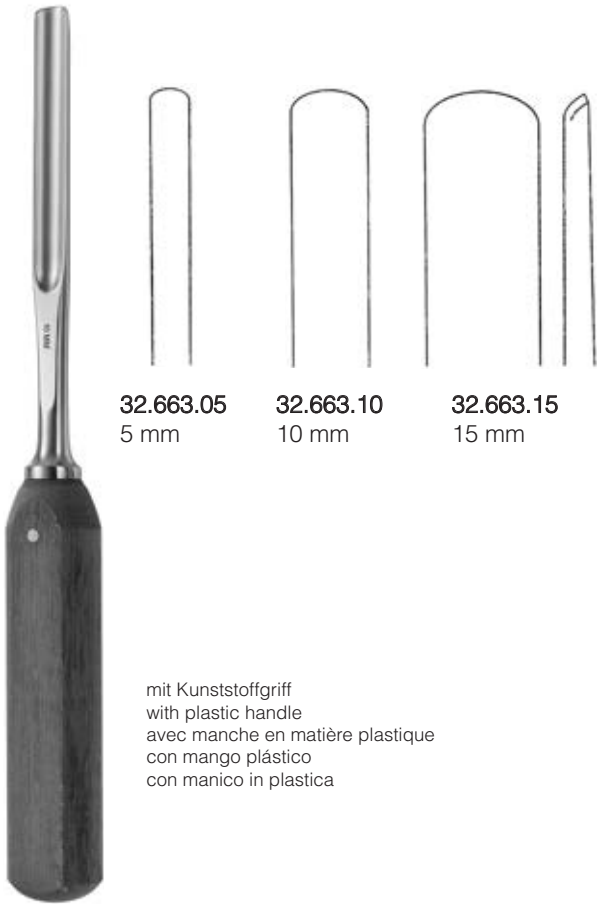
32.661.15
15 mm

32.661.20
20 mm

32.661.25
25 mm

32.661.30
30 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"



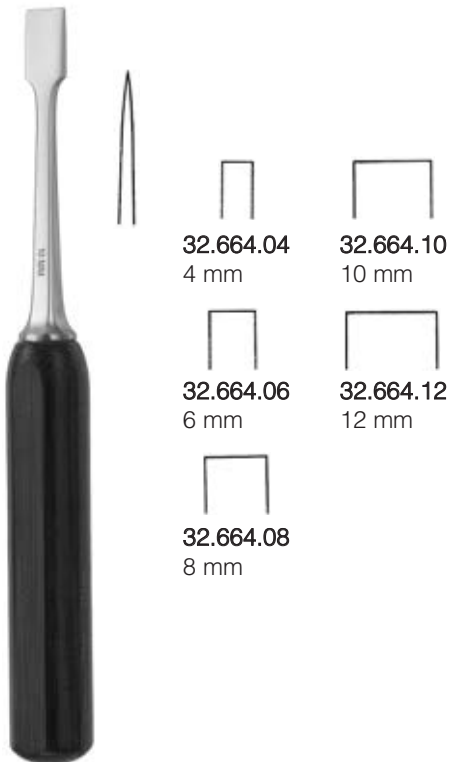
32.663.55
5 mm

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

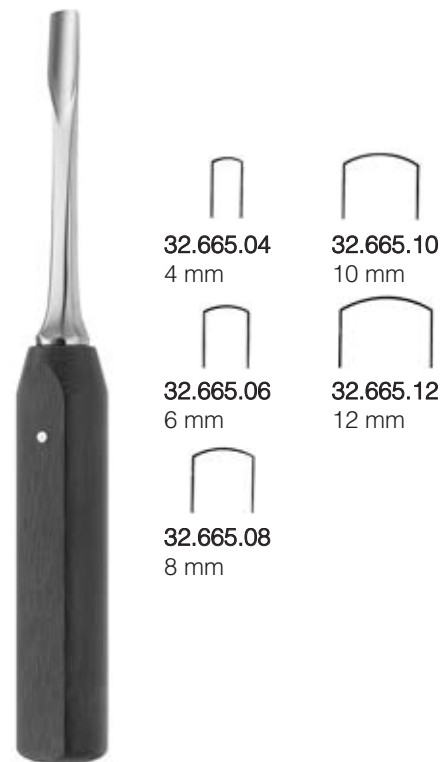
32.664.10
10 mm

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

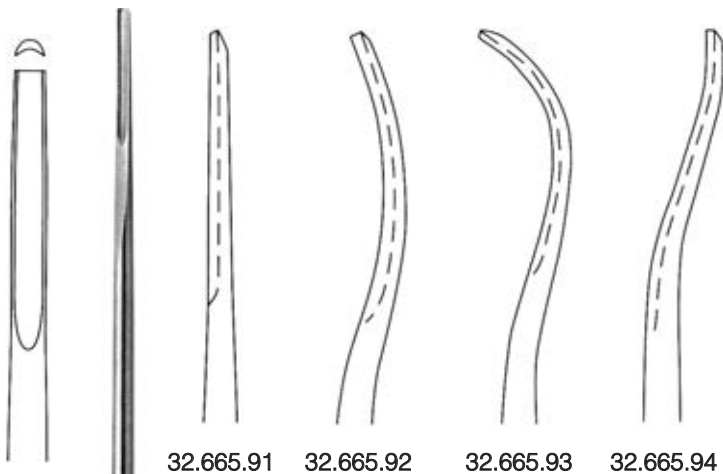
32.665.12
12 mm

32.665.08
8 mm

LEXER-mini
18 cm/7"

Spongiosaentnahmemeißel

Spongiosa gouges
Ciseaux-burins pour spongiosa
Cinceles de esponjosa
Scalpelli per spongiosa



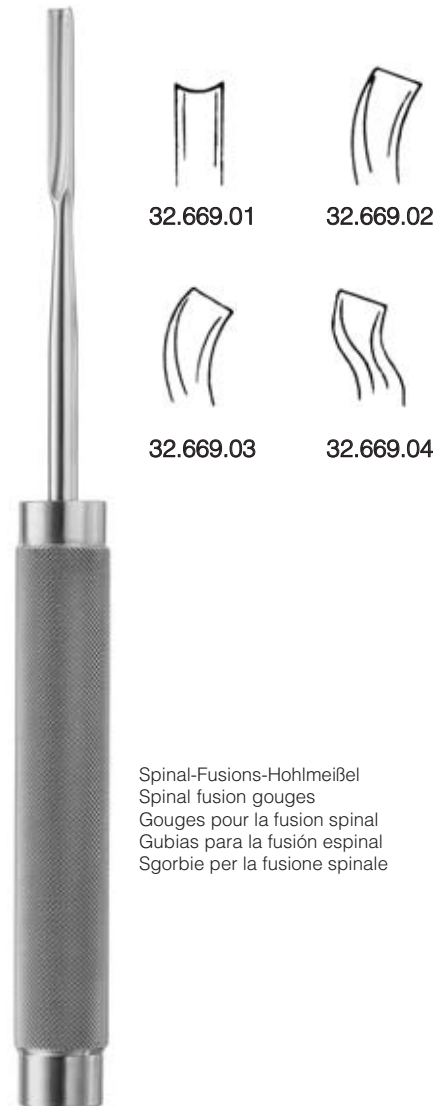
32.665.91 32.665.92 32.665.93 32.665.94



Spinal-Fusions-Hohlmeißel
Spinal fusion gouges
Gouges pour la fusion spinal
Gubias para la fusión espinal
Sgorbie per la fusione spinale

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

COBB
28 cm/11"
4 mm

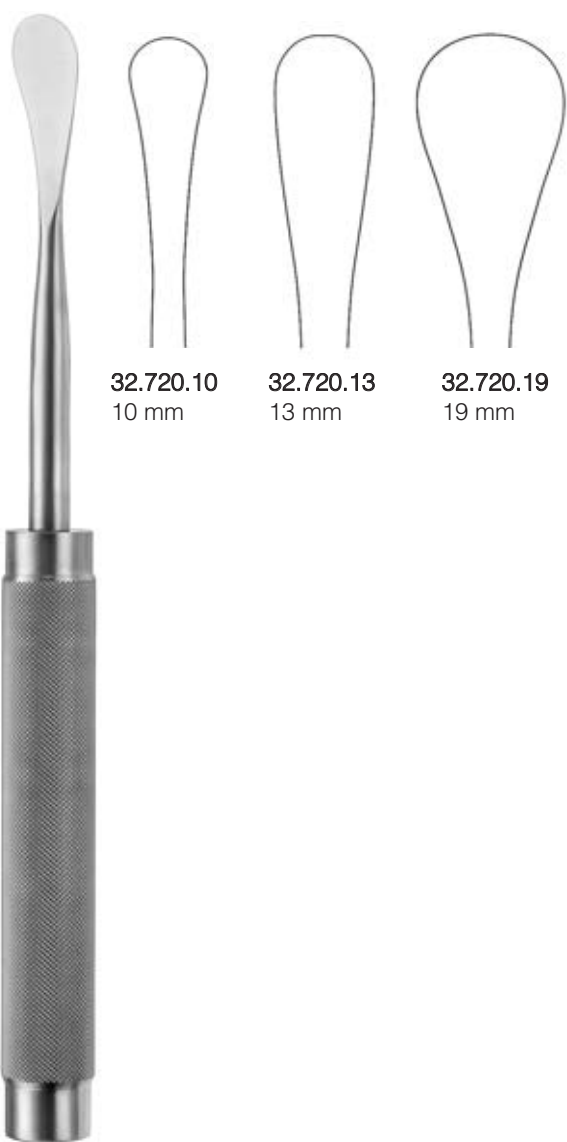


32.669.01 32.669.02

32.669.03 32.669.04

Spinal-Fusions-Hohlmeißel
Spinal fusion gouges
Gouges pour la fusion spinal
Gubias para la fusión espinal
Sgorbie per la fusione spinale

COBB
28 cm/11"
6 mm

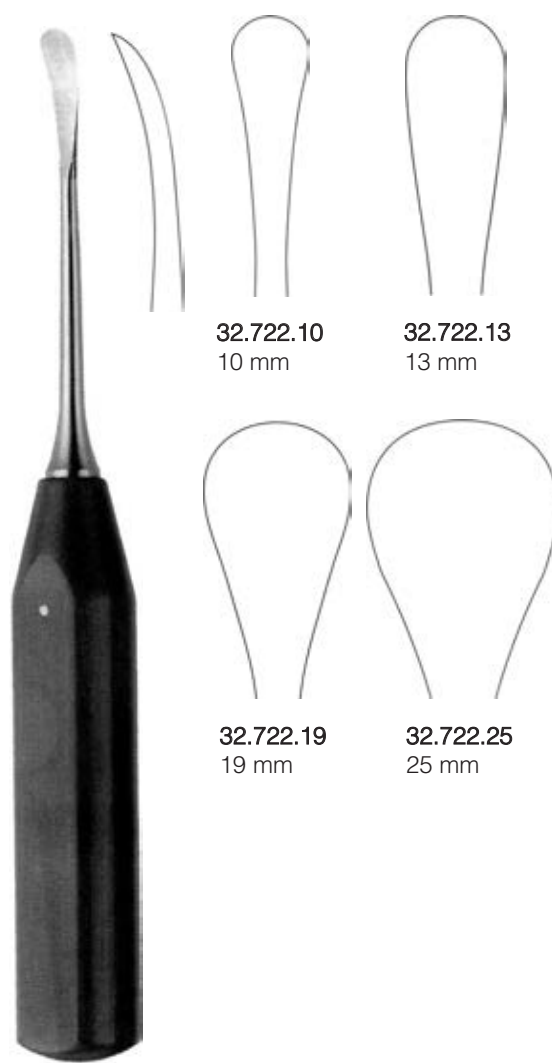


32.720.10
10 mm

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"



WAGNER
32.687.00
24,5 cm/9¾"

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

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, piate
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, piate
1 disco di plastica, convessa



HAJEK
32.687.22
22 cm/8¾"

Kopf
Head
Tête
Cabeza
Testa
Ø 27 mm

Gewicht
Weight
Poids
Peso
Peso
140 g



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

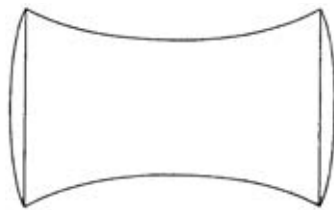
Hämmer

Mallets
Maillets
Martillos
Martelli



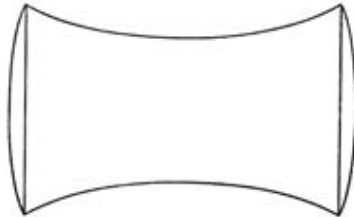
WILLIGER
24 cm/9½"

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



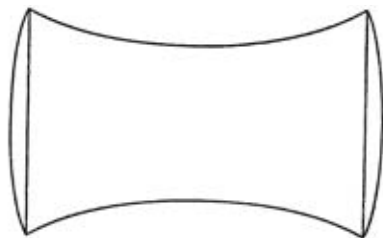
32.694.30

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

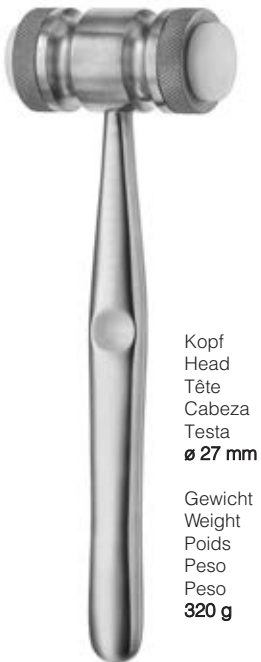


32.696.19
19 cm/7½"

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

Kopf
Head
Tête
Cabeza
Testa
ø 22 mm

Gewicht
Weight
Poids
Peso
Peso
155 g



MEAD
32.696.32
17 cm/6¾"

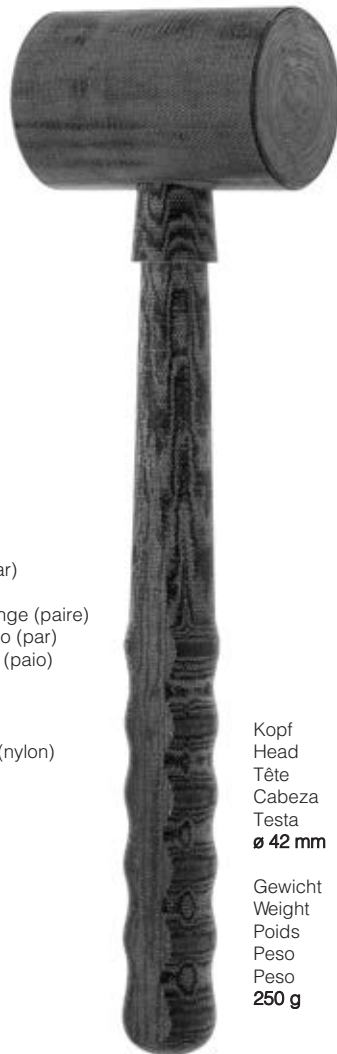
Kopf
Head
Tête
Cabeza
Testa
ø 27 mm

Gewicht
Weight
Poids
Peso
Peso
320 g



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



32.701.18
18,5 cm/7"

Kopf
Head
Tête
Cabeza
Testa
ø 25 mm

Gewicht
Weight
Poids
Peso
Peso
240 g

mit einer flachen und einer
aufgerauhten Fläche

with one smooth and one
rough surface

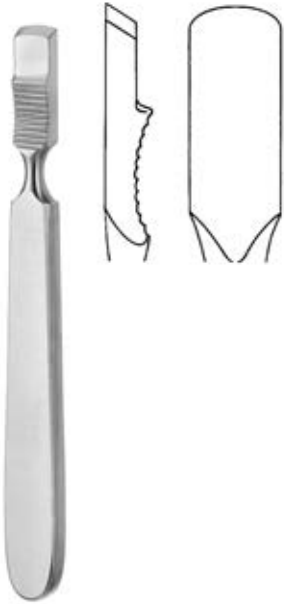
avec une surface plane et
rugueuse

con una superficie plana y
rugosa

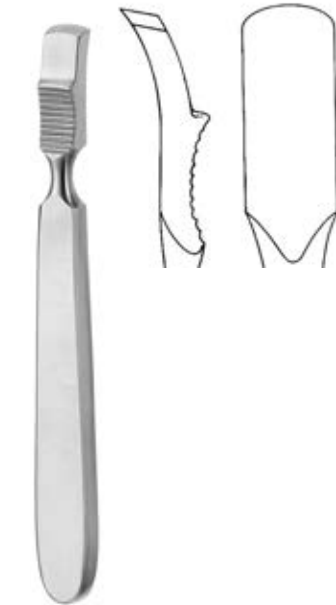
con superficie piana e
ruvida

Raspatorien

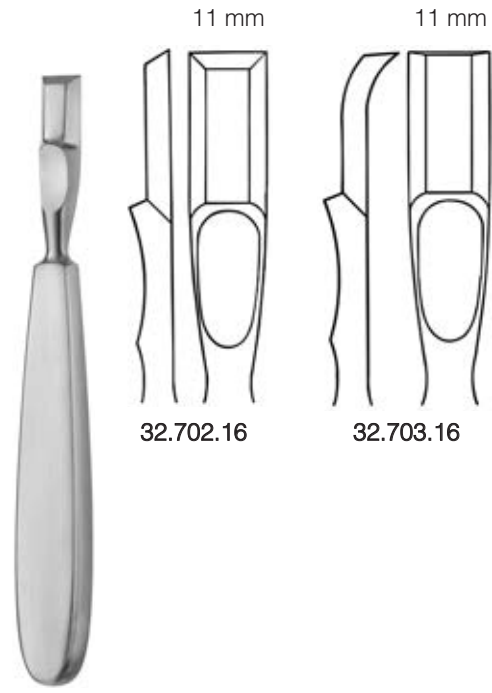
Periosteal elevators
Rugines-raspatoires
Periostótomos
Periostotomi



FARABEU
32.702.15
15 cm/5¾"



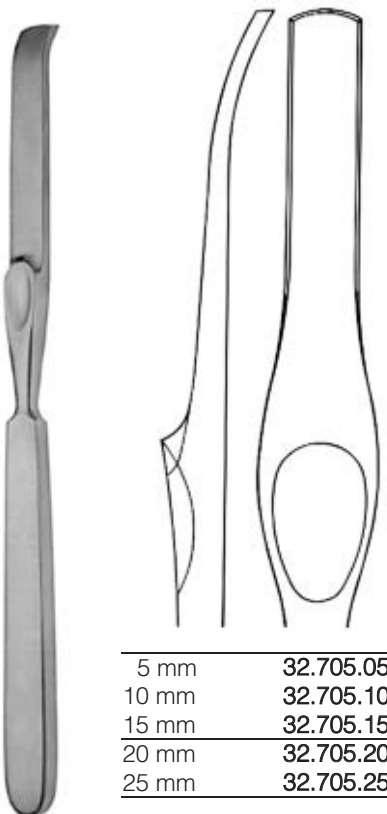
FARABEU
32.703.15
15 cm/5¾"



32.702.16

32.703.16

FARABEU - COLLIN
16 cm/6¼"

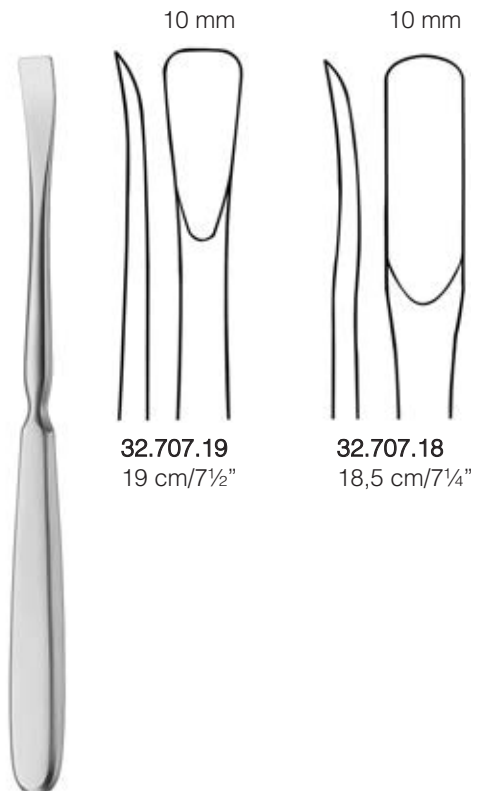


LAMBOTTE
21 cm/8¼"

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



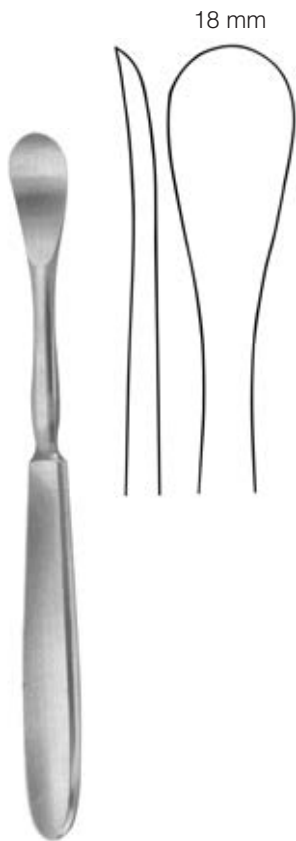
MCKISSOCK
32.708.19
19,5 cm/7¾"



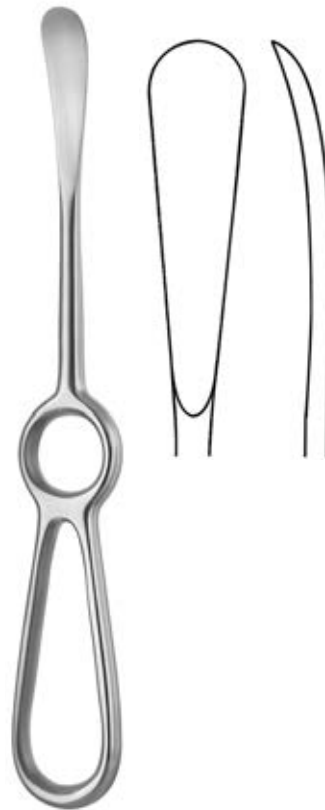
32.707.19
19 cm/7½"

32.707.18
18,5 cm/7¼"

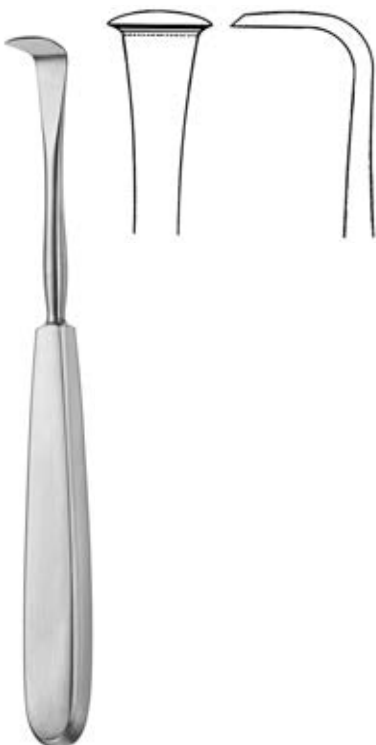
KRÄMER



SEDILLOT
32.709.18
 18,5 cm/7"



SEDILLOT
32.709.21
 21 cm/8¼"



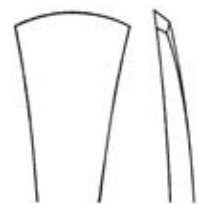
LANGENBECK
32.711.18
 18 cm/7"



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

massiv
 solid
 solide
 macizo
 solido

Raspatorien

Periosteal elevators
Rugines-raspatoires
Periostótomos
Periostotomi



HOEN

32.712.10
16 cm/6¼"
7 mm

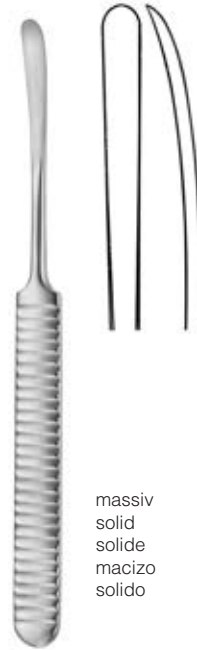
massiv
solid
solide
macizo
solido



32.712.11
18,5 cm/7¼"
15 mm



32.712.12
19 cm/7½"
20 mm

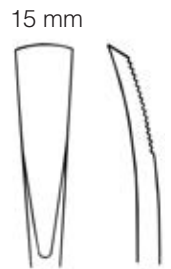


WILLIGER
32.713.16
16 cm/6¼"
5 mm

massiv
solid
solide
macizo
solido



JANSEN
32.714.16
16,5 cm/6½"



15 mm



17 cm/6¾"



32.715.06
6 mm

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



32.715.08
8 mm



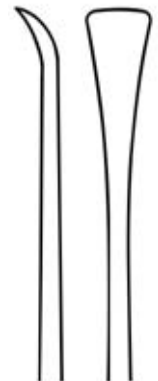
JOSEPH
32.716.16
16 cm/6¼"



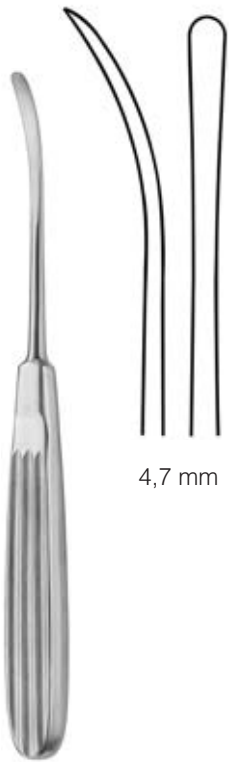
4 mm



BUECHS
32.719.19
19 cm/7½"



9,5 mm



4,7 mm

LANDOLT
32.740.47
 17,5 cm/7"



32.741.62
 6,2 mm

scharf
 sharp
 pointue
 agudo
 acuto

CASPAR
 18 cm/7"



32.742.62
 6,2 mm

stumpf
 blunt
 mousse
 romo
 smusso



32.743.03
 3 mm

32.743.06
 6 mm

17 cm/6¾"



32.744.01

32.744.02

Wirbelkörperdissektoren, hilfreich zum Lösen des posterioren Längsbandes und zur Entfernung von Bandscheibenfragmenten und Osteophyten

Vertebral body dissectors, usable for loosening the posterior longitudinal ligament and removal of disk fragments and osteophytes

Dissecteurs corps vertébral, utilisable pour le relâchement postérieur ligament longitudinal et l'élimination des fragments de disque et osteophytes

Disectores de cuerpo vertebral, utilizable para soltar el ligamento longitudinal posterior y eliminar fragmentos de disco y osteophytes

Dissectors corpo vertebrale, utilizzabile per allentare il legamento longitudinale posteriore e la rimozione di frammenti disco e osteophytes

CASPAR
 20,5 cm/8"

Mikroelevatorium
 Micro elevator
 Micro elevateur
 Micro elevador
 Micro elevatorio



32.746.16
 16 cm/6¼"

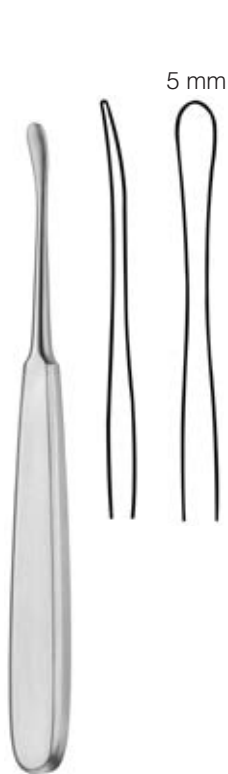
extrem leicht
 extremely light
 extrêmement léger
 extremadamente ligero
 estremamente leggero



32.746.17
 17 cm/6¾"

Elevatoren, Dissektoren

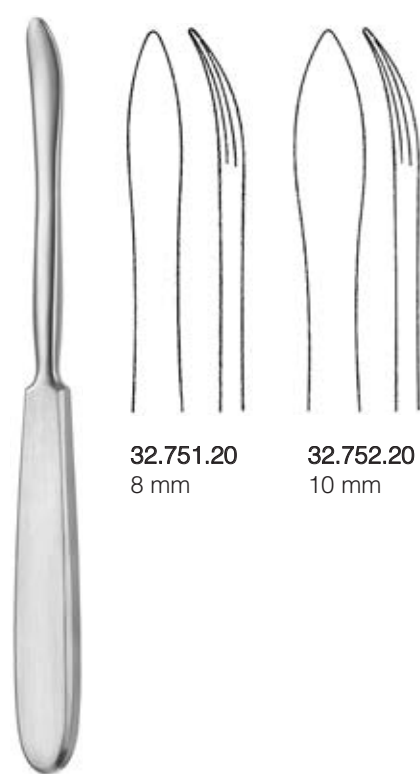
Elevators, dissectors
Élévateurs, dissecteurs
Elevadores, disectores
Elevatori, dissestori



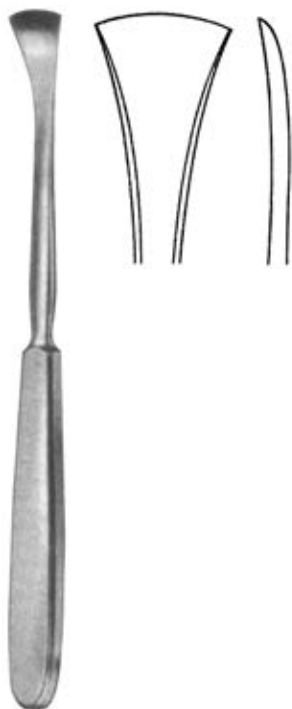
SEBILAU
32.748.17
17 cm/6¾"



QUERVAIN
32.750.20
20 cm/8"



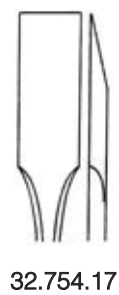
LANGENBECK
20 cm/8"



LANGENBECK
32.753.20
19,5 cm/7¾"



ADSON
17 cm/6¾"



32.754.17



32.755.17



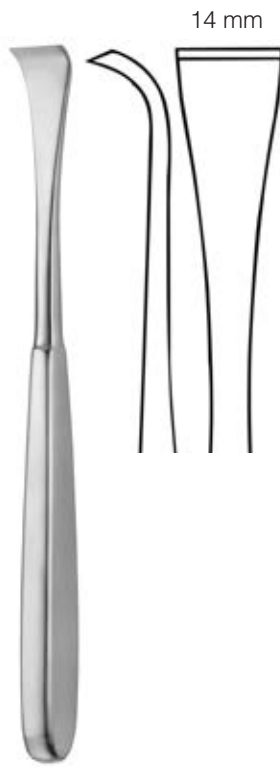
32.756.17
7 mm



32.757.17



SCHNEIDER
32.758.17
 17,5 cm/6¾"



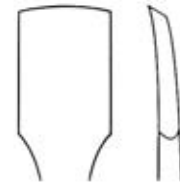
SCHNEIDER SAUERBRUCH
32.758.19
 19 cm/7½"



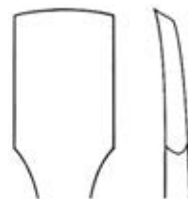
32.759.06
 6 mm



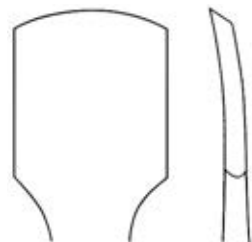
32.759.10
 10 mm



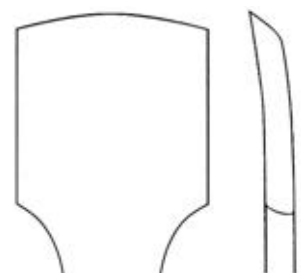
32.759.12
 12 mm



32.759.13
 13 mm



32.759.19
 19 mm



32.759.25
 25 mm



KEY
 19 cm/7½"



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



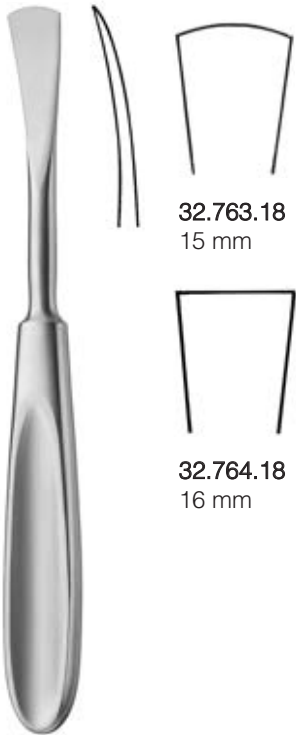
CUSHING (LITTLE-JOKER)
32.761.19
 19 cm/7½"



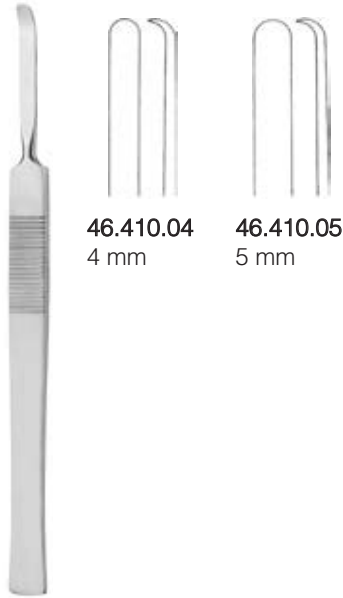
CUSHING
32.762.19
 19,5 cm/7¾"

Elevatoren, Dissektoren

Elevators, dissectors
 Elevateurs, dissecteurs
 Elevadores, disectores
 Elevatori, dissectori



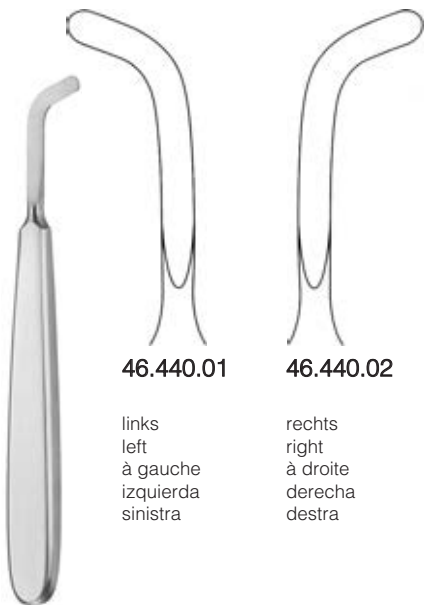
CUSHING
 18 cm/7"



McKENY
 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

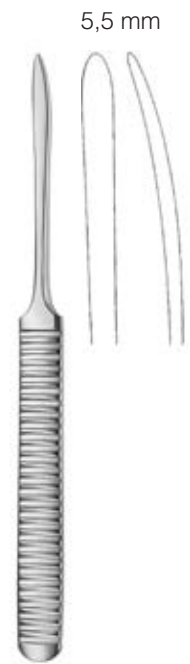
14 cm/5½"



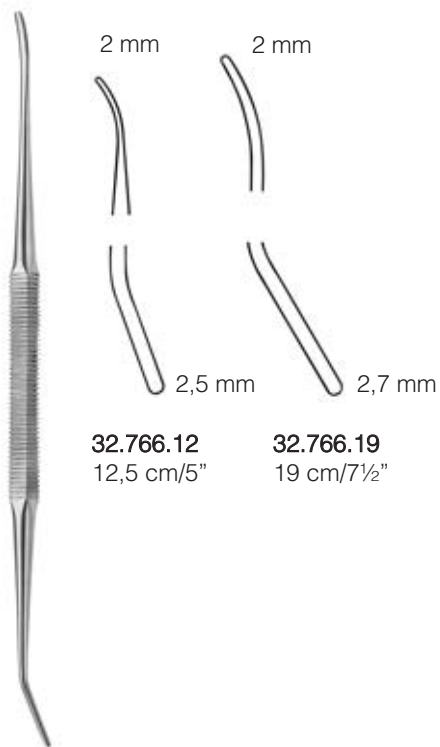
WILLIGER
 32.713.13
 13 cm/5"



WILLIGER
 82.898.17
 17 cm/6¾"



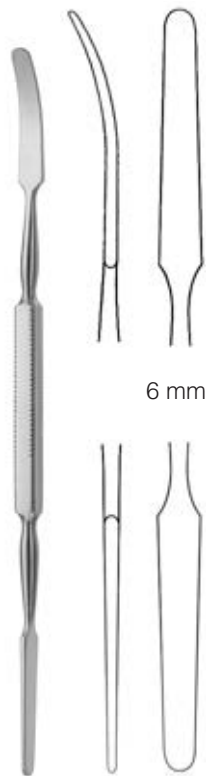
WILLIGER
 82.899.16
 16 cm/6¼"



WATSON CHEYNE

32.766.12
12,5 cm/5"

32.766.19
19 cm/7½"

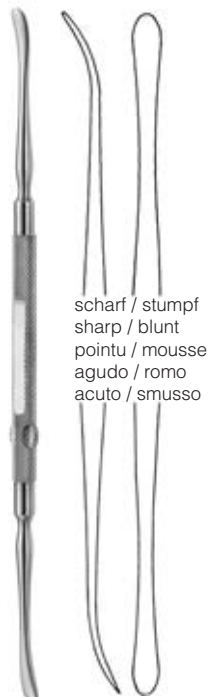


McDONALD
32.767.19
19 cm/7½"



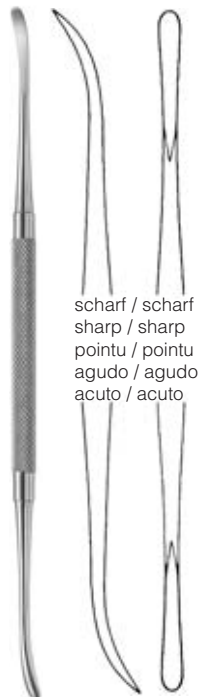
HOWARTH
32.768.21
22 cm/8¾"

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



FREER
46.415.18
18,5 cm/7¼"

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



YASARGIL
46.416.18
18,5 cm/7¼"

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



FREER
46.417.19
19 cm/7½"

stumpf
blunt
mousse
romo
smusso



FREER
46.419.19
19 cm/7½"

scharf
sharp
pointu
agudo
acuto

Elevatoren, Doppeldissektoren
 Elevators, dissectors, double-ended
 Elévateurs, dissecteurs doubles
 Elevadores, disectores dobles
 Elevatori, dissettori doppi



5 / 5 mm

COTTLE
 46.421.23
 23,5 cm/9¼"



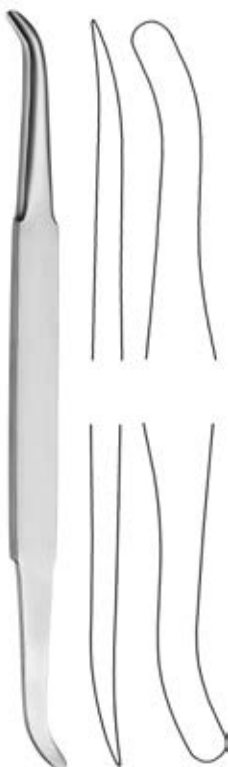
4 / 4 mm

KILLIAN
 46.426.18
 18 cm/7"

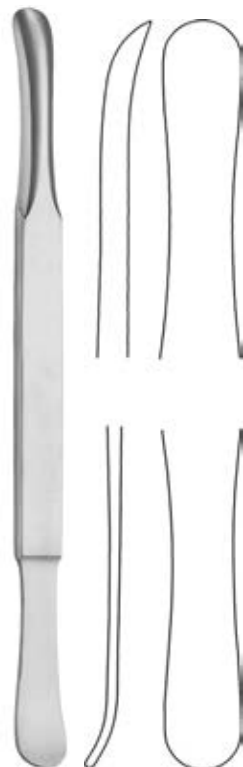


4,5 / 4,5 mm

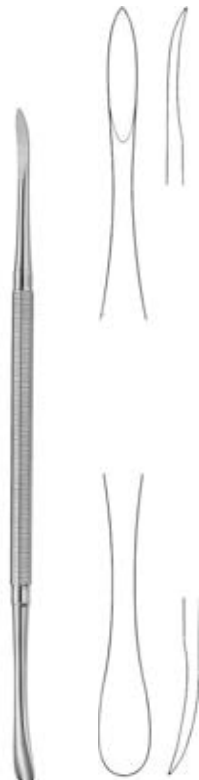
KILLIAN
 46.426.22
 23 cm/9"



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"



32.779.06
 18 cm/7"

schmal
 narrow
 étroit
 estrecho
 stretto



32.781.06
 18 cm/7"



32.783.03
 18 cm/7"

extra schmal
 extra narrow
 très étroit
 muy estrecho
 molto stretto

Raspeln, Knochenhebel

Rasps, bone levers

Râpes, leviers à os

Escofinas, elevadores para hueso

Raspe, elevatori per ossa

Raspeln
Rasps
Râpes
Escofinas
Raspe

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

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



FOMON
20 cm/8"



46.522.01
Fig. 1/2



46.522.03
Fig. 3/4



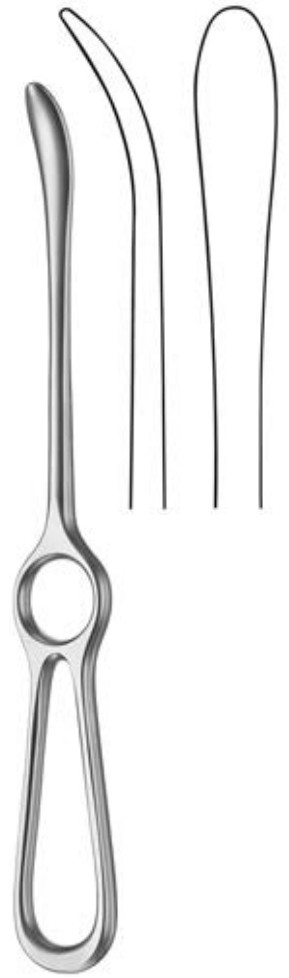
46.522.05
Fig. 5/6



46.522.07
Fig. 7/8



46.522.09
Fig. 9/10

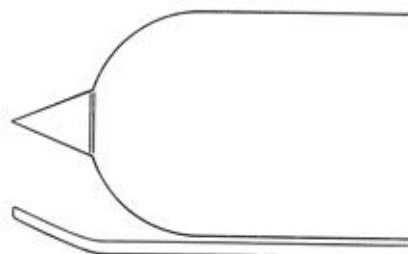


LANE
32.835.27
23 cm/9"
11 mm

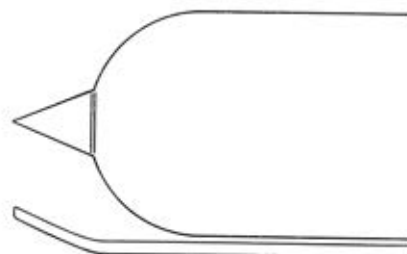


TAYLOR
 16 cm/6¼"

spitzes Ende
 pointed end
 bout aigu
 punta aguda
 punta acuta

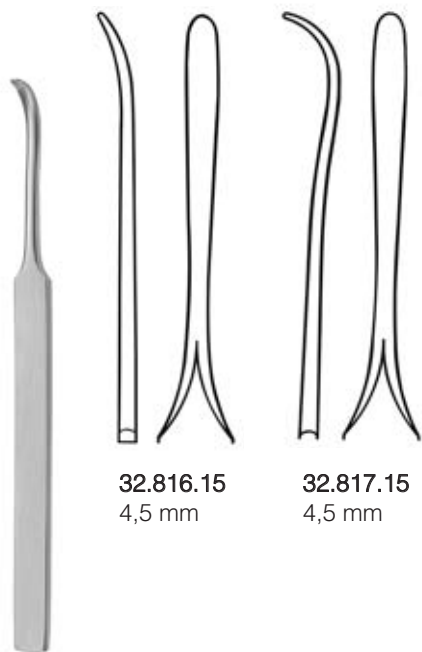


32.831.16
 75 x 30 mm



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"

Handbohrapparate

Hand drills

Perforateurs à main

Perforadores de mano

Perforatori a mano



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 hélicoïdale
Broca espiral
Punta a spirale

33.212.25
Ø 2,5 mm
Fig. 1



Spiralbohrer
Twist drill
Mèche hélicoïdale
Broca espiral
Punta a spirale

33.212.30
Ø 3,0 mm
Fig. 2



Spiralbohrer
Twist drill
Mèche hélicoïdale
Broca espiral
Punta a spirale

33.212.35
Ø 3,5 mm
Fig. 3



Spiralbohrer
Twist drill
Mèche hélicoïdale
Broca espiral
Punta a spirale

33.212.40
Ø 4,0 mm
Fig. 4



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



Trepine
Tréphine
Trépan
Trépano
Trapano

33.214.10
Ø 10 mm
Fig. 5



Spiralbohrer
Twist drill
Mèche hélicoïdale
Broca espiral
Punta a spirale

33.216.10
Ø 1,0 mm
Fig. 10



Spiralbohrer
Twist drill
Mèche hélicoïdale
Broca espiral
Punta a spirale

33.216.15
Ø 1,5 mm
Fig. 11



Spiralbohrer
Twist drill
Mèche hélicoïdale
Broca espiral
Punta a spirale

33.216.20
Ø 2,0 mm
Fig. 12



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"



33.240.99

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

HUDSON
 27 cm/10³/₄"

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**



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 hélicoïdale
 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

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



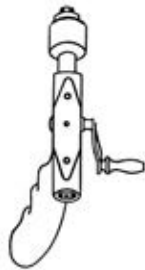
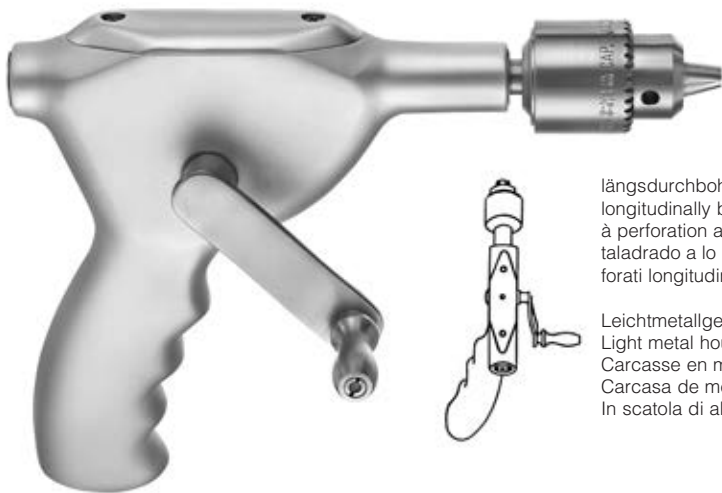
33.246.00



33.246.01

Handbohrapparate

Hand drills
Perforateurs à main
Perforadores de mano
Perforatori a mano



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



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

33.290.00



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
 disponibile 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

Drahtschneidezangen

Wire cutting pliers

Pinces à couper le fil

Alicates para cortar alambre

Tenaglie tagliafili



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"



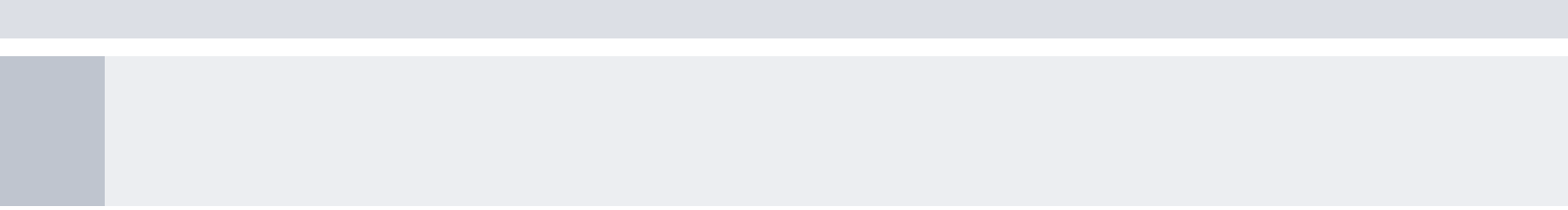
33.556.57
57,5 cm/22½"



SAUERBRUCH
56.131.26
26 cm/10¼"



GIERTZ-STILLE
56.137.27
27 cm/10½"



11

◆ SCHÄDEL INSTRUMENTE

SKULL INSTRUMENTS

INSTRUMENTS CRÂNIENNES

INSTRUMENTOS PARA CRANEOTOMÍA

STRUMENTI PER CRANIOTOME

Klammer-Anlegezange

Clips applying forceps

Pinças à poser agrafes

Pinzas para aplicar grapas

Pinza per applicare i fermagli d'argento



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



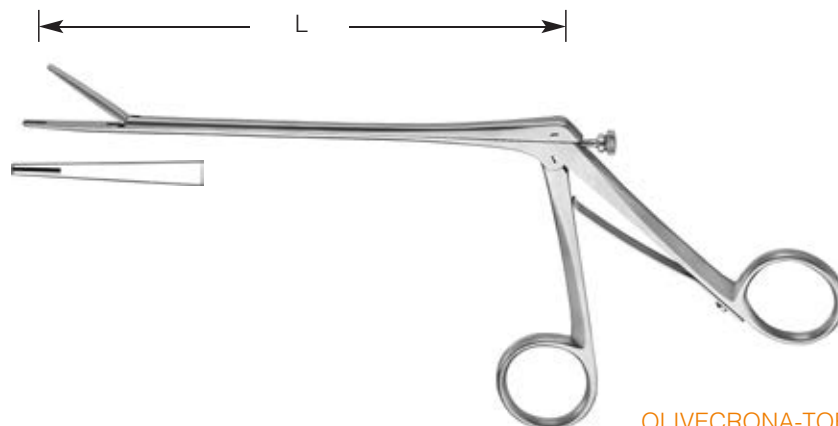
SMITHWICK

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 économique, 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 emostatici al cuoio capelluto

Schädelhalter

Skull traction tongs

Portes crânes

Estribos de tracción craneal

Pinze per trazione craniale



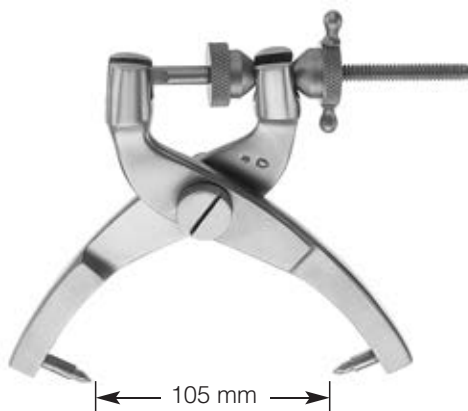
40.024.00

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



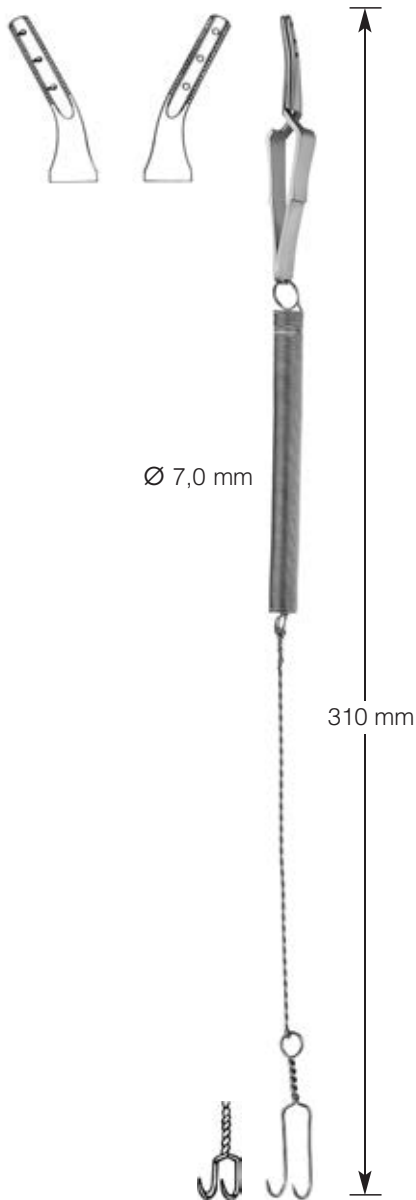
CRUTCHFIELD
40.026.35
7 cm/2¾"
Ø 3,5 mm

Vorbohrer
Drill point
Alésoir
Perforador
Alesatore



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

Vorbohrer
Drill point
Alésoir
Perforador
Alesatore



Ø 7,0 mm

310 mm

YASARGIL
40.030.31
31 cm/12¼"



Ø 9,0 mm

410 mm

YASARGIL
40.030.41
41 cm/16"

Drahtsägen

Wire saws
Scies à fil
Sierras de hilo
Fili sega

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



De MARTEL
40.090.33
33 cm/13"



LEBSCHKE
40.091.25
25 cm/10"



GIGLI
40.094.00

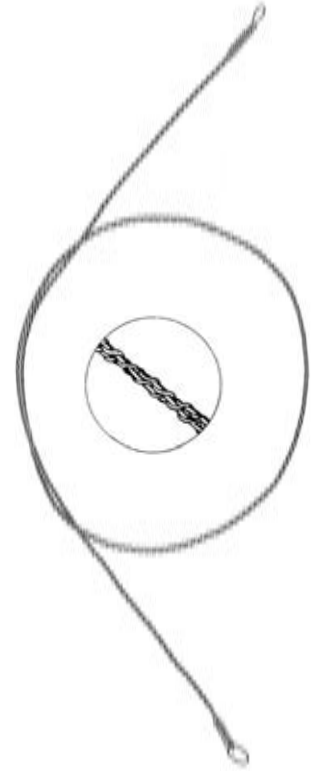
1 Paar
1 Pair
1 Paire
1 Par
1 Paio



GIGLI
40.094.01

1 Paar
1 Pair
1 Paire
1 Par
1 Paio

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



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

2 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

3 x

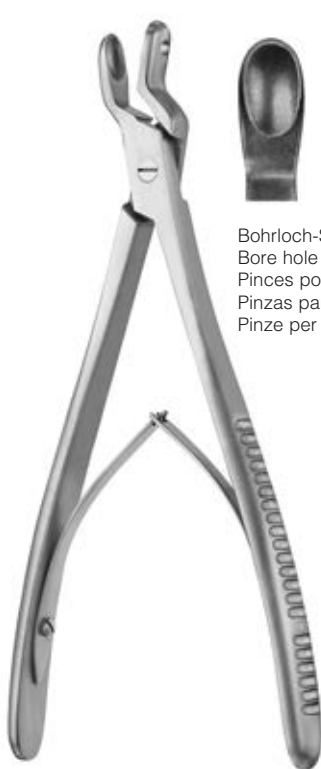
OLIVECRONA-GIGLI

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

4 x

Bohrloch-Schutzzange, Schädeltrephinen

Bore hole protection forceps, skull trephines
Pinces pour protéger alésage, trépanes crâniennes
Pinzas para la protección de orificio, trépanos craneales
Pinze per la protezione di foro, trapano cranico



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"

Schädelstanzen

Skull punches

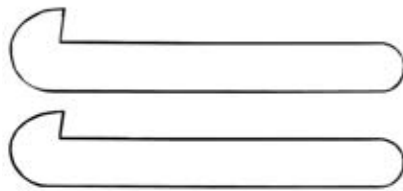
Pinces emporte-pièce crâniennes

Pinzas saca-bocadas para craneotomía

Pinze craniotome



DeVILBISS
40.096.21
21 cm/8¼"



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



DAHLGREN
40.097.20
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

12



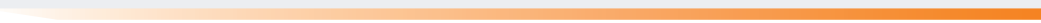
◆ **HAKEN, DISSEKTOREN**

HOOKS, DISSECTORS

CROCHETS, DISSECTEURS

GANCHOS, DISECTORES

UNCINI, DISSETTORI



Schleimhauthäkchen

Mucosa hooklet
Crochet pour la muqueuse
Ganchito para mucosa
Uncino per mucosa

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

18.216.07
7 mm

spitz
sharp
pointu
agudo
acuto

JOSEPH
16 cm/6¼"



18.216.05
5 mm

18.216.10
10 mm



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"

Nerwurzelhaken

Nerve root retractors
Retracteurs pour racine des nerfs
Separadores para la raíz de nervio
Uncini per le radici di nervi



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



CUSHING

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"



HOEN
40.060.23
 23 cm/9"



stumpf
 blunt
 mousse
 romo
 smusso



GRAHAM
40.061.16
 16,5 cm/6½"

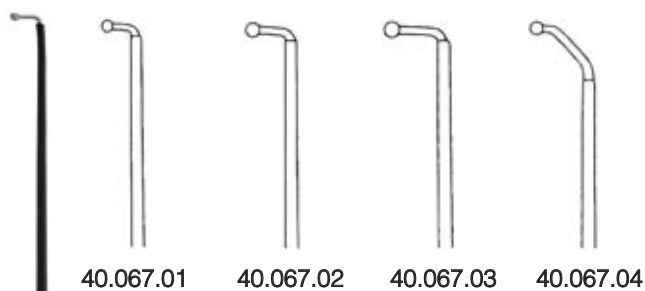
stumpf
 blunt
 mousse
 romo
 smusso



SACHS
40.064.18
 18,5 cm/7¼"

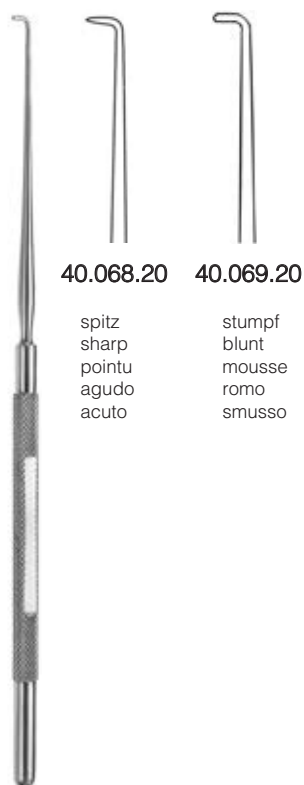
spitz
 sharp
 pointu
 agudo
 acuto

Explorations- und Koagulationshäkchen
 Exploration and coagulation hooks
 Crochets pour exploration et coagulation
 Ganchos para exploración y coagulación
 Uncini per esplorazione e coagulazione



CASPAR
 24,5 cm/9¾"

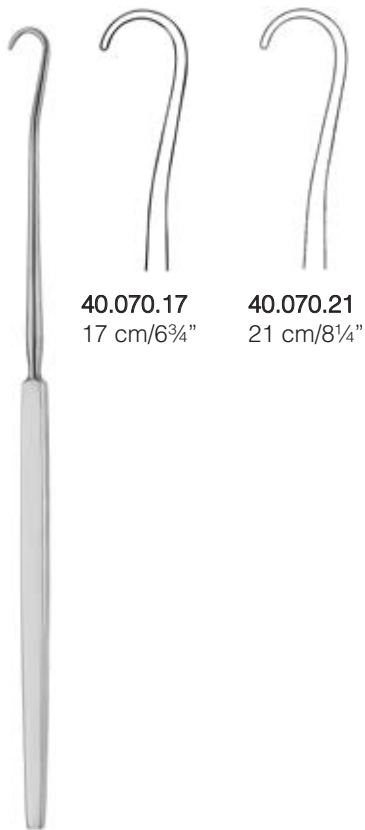
CASPAR (CCR)	132 - 136
	179 - 184
Siehe auch Seite:	199
See also page:	212
Voir aussi la page:	228
Véase también la página:	228
Vedere anche pagina:	230



ADSON
 20 cm/8"



GRONINGEN
 26,5 cm/10½"



SMITHWICK



SMITHWICK
40.070.29
29 cm/11½"



SCOVILLE
40.070.30
30 cm/12"



SCOVILLE
40.071.30
30 cm/12"

Nerwurzelhaken

Nerve root retractors
Retractors pour racine des nerfs
Separadores para la raíz de nervio
Uncini per le radici di nervi



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"



45°

LOVE
40.081.19
 19 cm/7½"

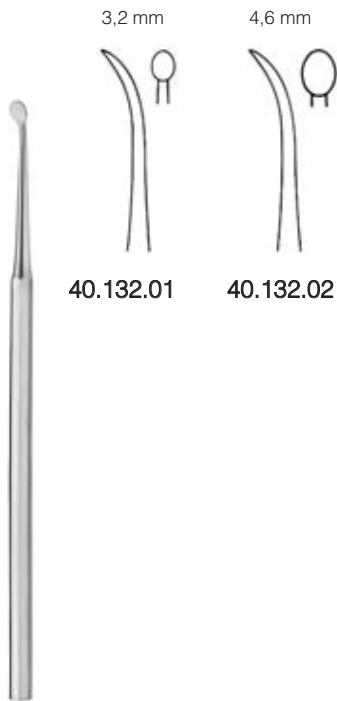


90°

LOVE
40.083.19
 19 cm/7½"

Raspatorien

Periosteal elevators
Rugines-raspatoires
Periostótomos
Periostotomi



40.132.01

40.132.02

PARTSCH

15 cm/6"



LANGE

40.132.14

14,5 cm/5¾"

LEMPERT

40.133.16

16,5 cm/6½"

stumpf
blunt
mousse
romo
smusso



halbscharf
semi-sharp
semi-pointu
semi agudo
semi acuto

40.136.16

spitz
sharp
pointu
agudo
acuto

40.138.16

stumpf
blunt
mousse
romo
smusso

LEMPERT

40.134.18

18,5 cm/7¼"

ST CLAIR THOMPSON

16 cm/6¼"



HALLE

40.139.16

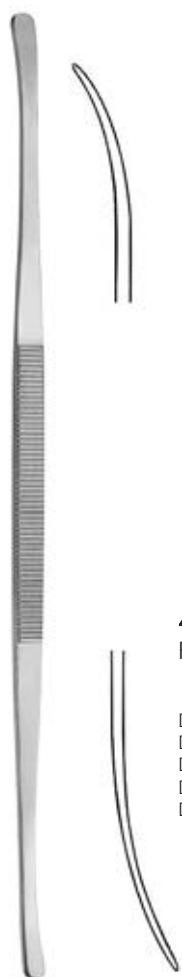
16 cm/6¼"

SUNDAY

40.140.23

23 cm/9"

stumpf
blunt
mousse
romo
smusso



TOENNIS
 25 cm/10"



40.141.25
 Fig. 1

Dissektoren
 Dissectors
 Dissecteurs
 Disectores
 Dissettori



40.142.25
 Fig. 2



SACHS
40.143.21
 21 cm/8¼"



spitz
 sharp
 pointu
 agudo
 acuto



SACHS
40.145.21
 21 cm/8¼"



spitz
 sharp
 pointu
 agudo
 acuto



MILLIGAN
40.147.21
 21 cm/8¼"

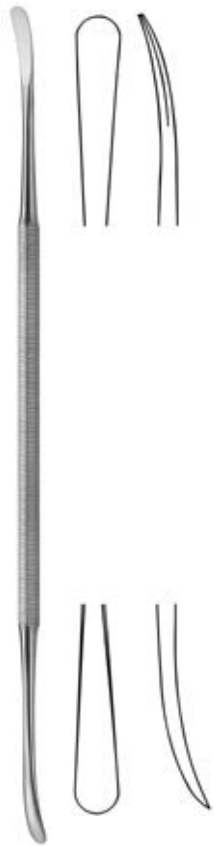


Dissektoren

Dissectors
Dissecteurs
Disectores
Dissettori

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

Elevatoren
Separators
Separateurs
Separadores
Elevatori



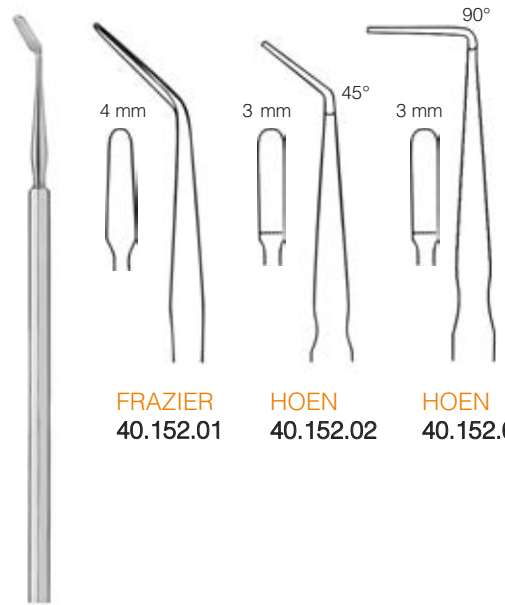
MILLIGAN
40.149.22
22 cm/8¾"



PENNYBAKER
40.149.23
23 cm/9"



DAVIS
40.151.24
24,5 cm/9¾"

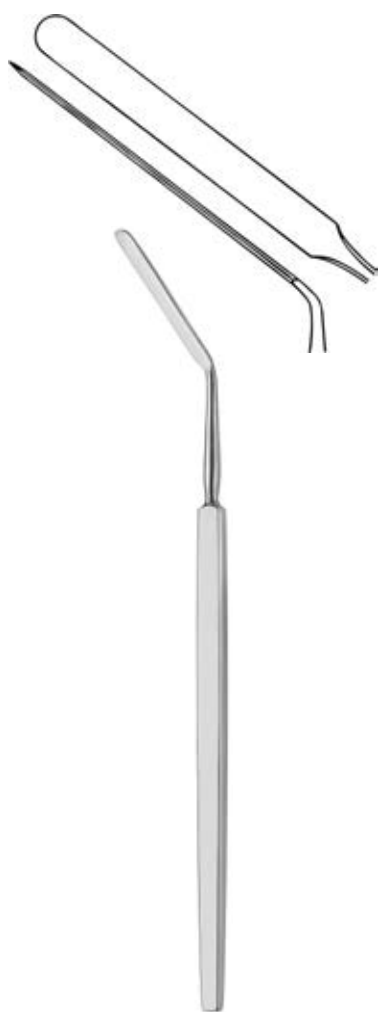


FRAZIER
40.152.01

HOEN
40.152.02

HOEN
40.152.03

15 cm/6"



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
Dissector 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"

Dissektoren

Dissectors
Dissecteurs
Disectores
Dissettori



PENFIELD
40.161.01
17,5 cm/7"
Fig. 1



PENFIELD
40.161.02
19,5 cm/7¾"
Fig. 2



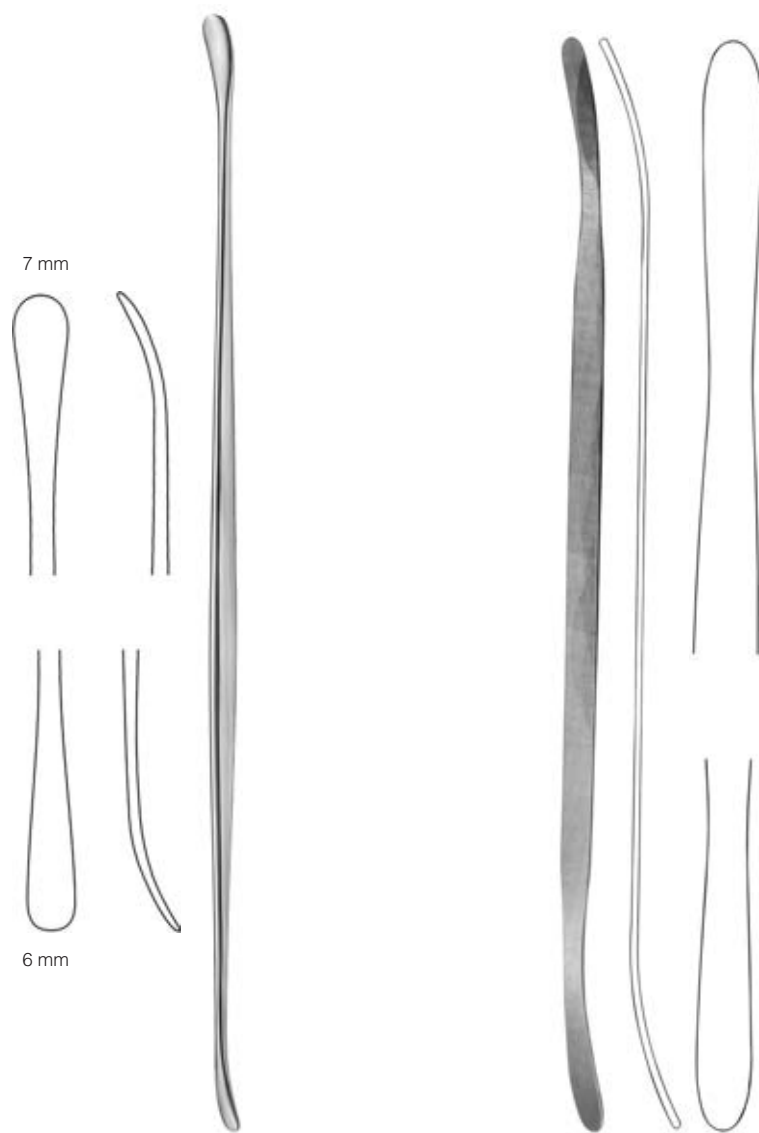
PENFIELD
40.161.03
19,5 cm/7¾"
Fig. 3



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"



TOENNIS

40.170.13
13 cm/5"



40.170.19
19 cm/7½"



HALLE
40.170.20
20 cm/8"

13



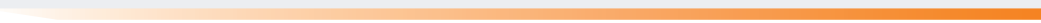
◆ **MIKRO-INSTRUMENTE MIT RUNDGRIFF**

MICRO INSTRUMENTS WITH ROUND HANDLES

MICRO-INSTRUMENTS À MANCHE ROND

INSTRUMENTOS PARA MICROCIURGÍA CON MANGOS REDONDOS

STRUMENTI PER MICROCHIRURGIA CON MANICO ROTONDO



Mikro-Instrumente mit Rundgriff

Micro instruments with round handles

Micro-instruments à manche rond

Instrumentos para microcirugía con mangos redondos

Strumenti per microchirurgia con manico rotondo

Raspatorien
Raspatories
Rugines
Legras
Periostotomi

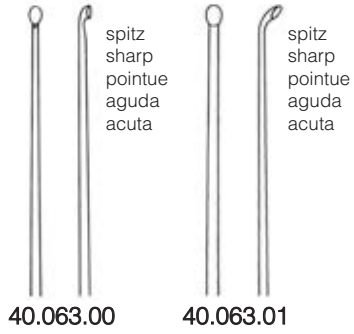


40.062.02
2,5 mm

40.062.03
2,0 mm

40.062.04
2,0 mm

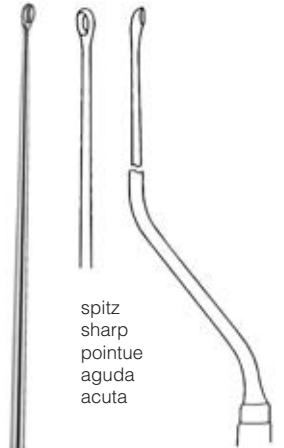
Küretten
Curettes
Curettes
Curetas
Curette



40.063.00

40.063.01

1,5 mm



spitz
sharp
pointue
aguda
acuta

YASARGIL
18,5 cm/7¼"

YASARGIL
23 cm/9"

YASARGIL
40.063.19
18,5 cm/7¼"

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

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



18,5 cm/7¼"



KRAYENBÜHL
40.065.01
 Fig. 1



KRAYENBÜHL
40.065.02
 Fig. 2



KRAYENBÜHL
40.065.03
 Fig. 3



KRAYENBÜHL
40.065.04
 Fig. 4



YASARGIL
40.064.01
 Fig. 1



YASARGIL
40.064.02
 Fig. 2



YASARGIL
40.064.03
 Fig. 3



YASARGIL
40.064.04
 Fig. 4

Mikro-Instrumente mit Rundgriff

Micro instruments with round handles

Micro-instruments à manche rond

Instrumentos para microcirugía con mangos redondos

Strumenti per microchirurgia con manico rotondo

Gefäß-Messer
Vessel knife
Couteau pour vaisseaux
Cuchillo para vasos
Coltello per vasi



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

Arachnoidea Messer
Arachnoid knife
Couteaux arachnoïdiens
Aracnoïdes cuchillos
Arachnoidea coltelli



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



40.066.01



40.066.02



40.066.03



40.066.04



40.066.05



40.066.06

YASARGIL
19 cm/7½"

Mikro-Instrumente mit Rundgriff

Micro instruments with round handles

Micro-instruments à manche rond

Instrumentos para microcirugía con mangos redondos

Strumenti per microchirurgia con manico rotondo



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



BIEMER
40.066.10
16 cm/6¼"

Gefäßdilatoren
Vessel dilators
Dilatateurs vasculaires
Dilatadores vasculares
Dilattatori 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"



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 tejidos con tumores
 Coltelli per tessuto tumorale



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 tumorale



40.077.18
 1,8 mm



40.077.25
 2,5 mm

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

5 mm

8 mm



40.079.05



40.079.08

SAMII
 23 cm/9"

YASARGIL
 20 cm/8"

Mikro-Instrumente mit Rundgriff

Micro instruments with round handles

Micro-instruments à manche rond

Instrumentos para microcirugía con mangos redondos

Strumenti per microchirurgia con manico rotondo



CASPAR



40.171.01
23 cm/9"
4,5 mm



40.171.02
23 cm/9"
4,5 mm



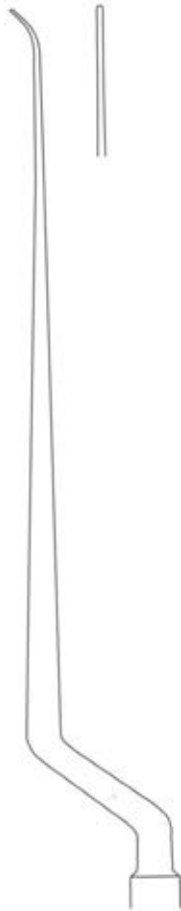
40.171.03
23 cm/9"
2 mm



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

Mikro-Instrumente mit Rundgriff

Micro instruments with round handles

Micro-instruments à manche rond

Instrumentos para microcirugía con mangos redondos

Strumenti per microchirurgia con manico rotondo

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 cambiabile
sostituibili nave coltello



JACOBSON
40.172.01
9,5 cm/3¾"



40.172.02
9,5 cm/3¾"

auswechselbares Häckchen
interchangeable hook
crochet échangeable
gancho cambiabile
sostituibili gancio

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

40.172.10
10,5 cm/4"



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

OKONEK-YASARGIL
23 cm/9"



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"

Mikro-Instrumente mit Rundgriff

Micro instruments with round handles

Micro-instruments à manche rond

Instrumentos para microcirugía con mangos redondos

Strumenti per microchirurgia con manico rotondo



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



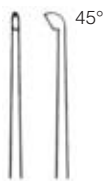
40.180.16

Knopfsonde
Buttoned probe
Sonde boutonnée
Sonda abotonada
Sonda abbottonata



40.180.13
1 x 2 mm

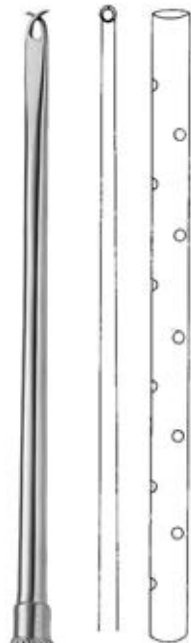
Kürette, oval
Curette, oval
Curette, oval
Cureta, oval
Curette, ovale



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



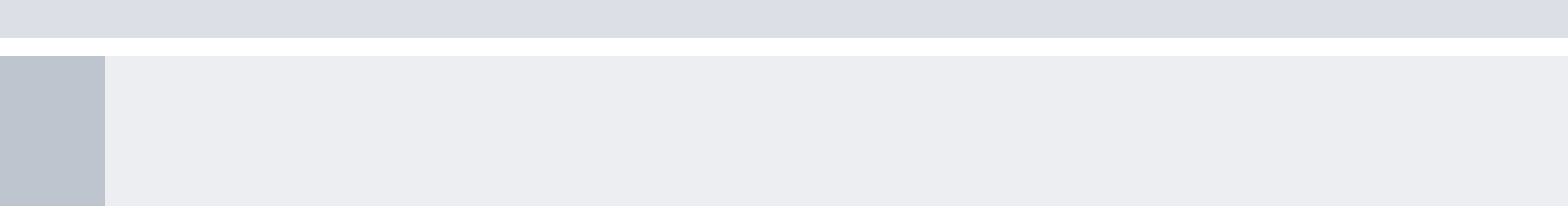
Mikro-Gefäßmesser
 Micro vessel knife
 Micro couteau pour vaisseaux
 Micro cuchillo para vasos
 Micro coltello per vasi

JACOBSON
40.065.50
 18,5 cm/7¼"

Fußplattenhäkchen
 Hook
 Crochet
 Ganchito
 Uncino



FISCH
40.191.16
 16 cm/6¼"



14



◆ SPATEL

SPATULAS

SPATULES

ESPÁTULAS

SPATOLE





biegsam
malleable
malléable
maleable
malleabile

CUSHING

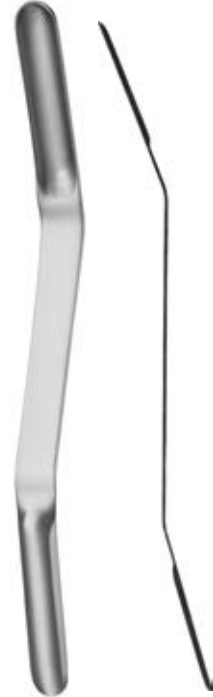
40.250.07	7/9 x 180 mm
40.250.11	11/13 x 180 mm
40.250.15	15/18 x 180 mm
40.250.18	18/22 x 180 mm



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
côncava
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

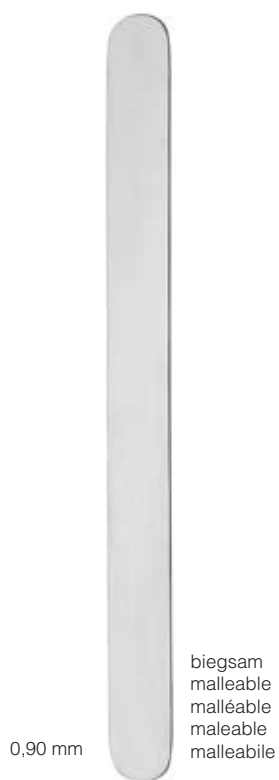
AACHEN

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



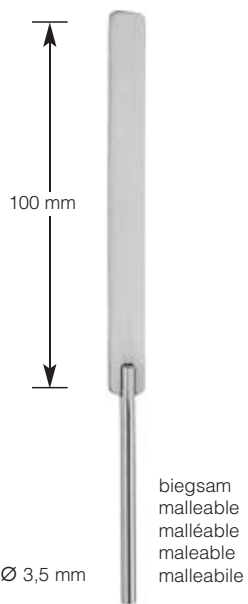
biegsam
malleable
malléable
maleable
malleabile

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



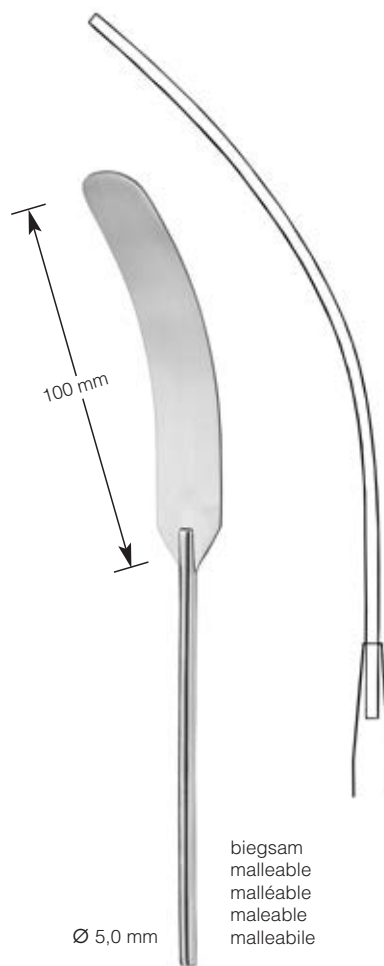
CAIRNS

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



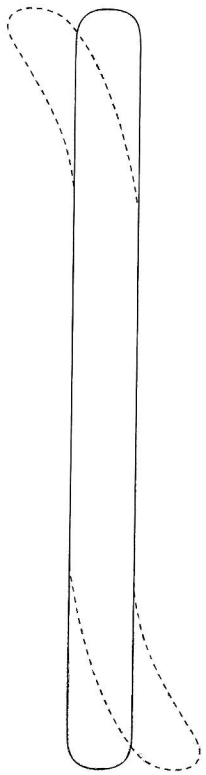
HEIFETZ

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



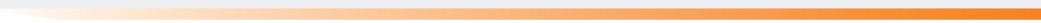
◆ SAUGROHRE

SUCTION TUBES

TUBES D'ASPIRATION

TUBOS DE ASPIRACIÓN

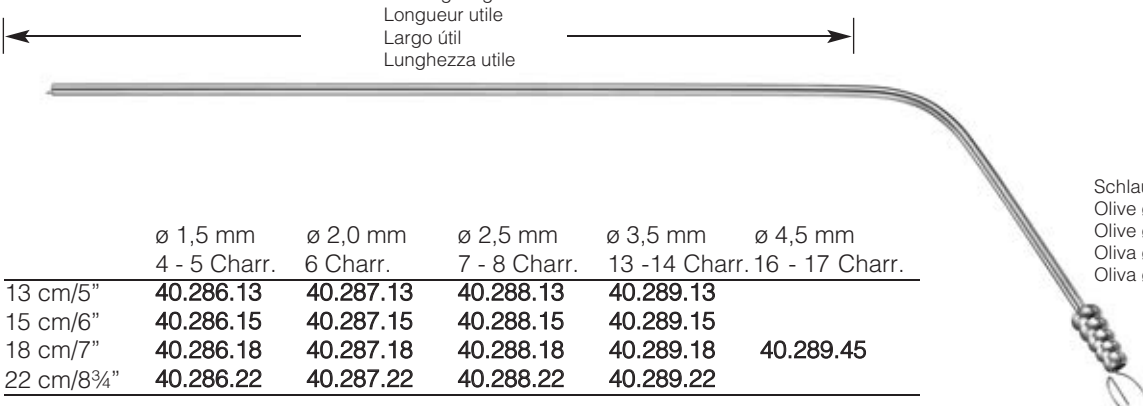
TUBI D'ASPIRAZIONE



Saugrohre

Suction tubes
 Tubes d'aspiration
 Tubos de aspiración
 Tubi d'aspirazione

Nutzlänge
 Working length
 Longueur utile
 Largo útil
 Lunghezza utile



	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	

Schlaucholive ø 6,5 - 9 mm
 Olive ø 6,5 - 9 mm
 Oliva ø 6,5 - 9 mm
 Oliva ø 6,5 - 9 mm

LUER

YASARGIL

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

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"

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"

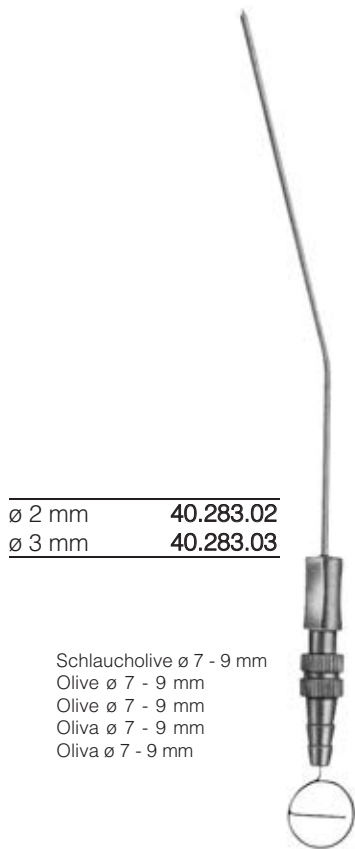
ADSON
40.290.16
 16,5 cm/6½"
 ø 3 mm

ADSON
40.290.21
 21 cm/8¼"
 ø 4 mm

FRAZIER
40.290.10
 24 cm/9½"
 ø 3,3 mm

FRAZIER
40.292.08
 ø 2,7 mm/8 charr.

12 cm/4¾"

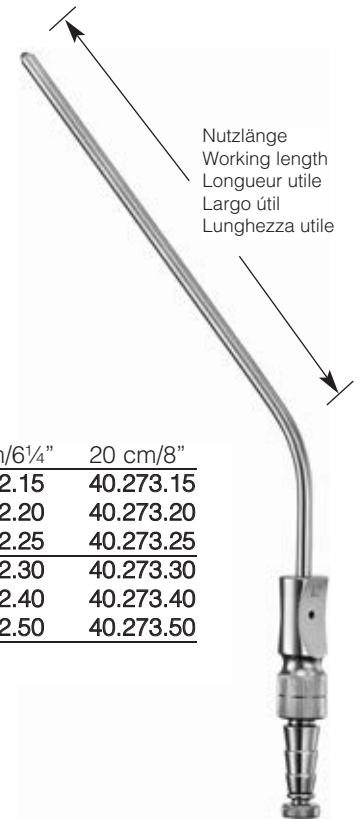


Ø 2 mm **40.283.02**
Ø 3 mm **40.283.03**

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



Nutzlänge
Working length
Longueur utile
Largo útil
Lunghezza utile

FERGUSSON



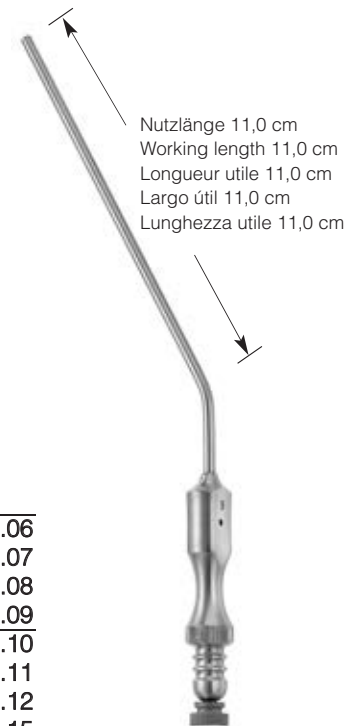
isoliert
insulated
isolée
aislado
isolato

FERGUSSON
40.291.04
18 cm/7"
Ø 4 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

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



Nutzlänge 11,0 cm
Working length 11,0 cm
Longueur utile 11,0 cm
Largo útil 11,0 cm
Lunghezza utile 11,0 cm

FRAZIER
19 cm/7½"

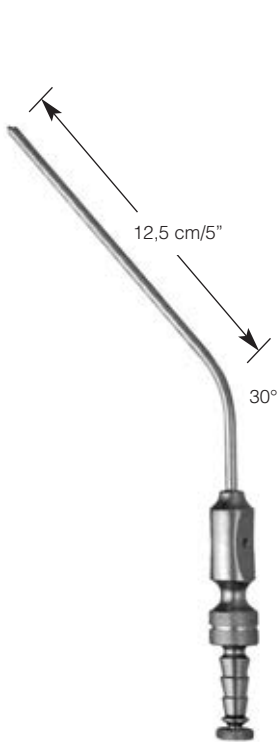
Saugrohre

Suction tubes

Tubes d'aspiration

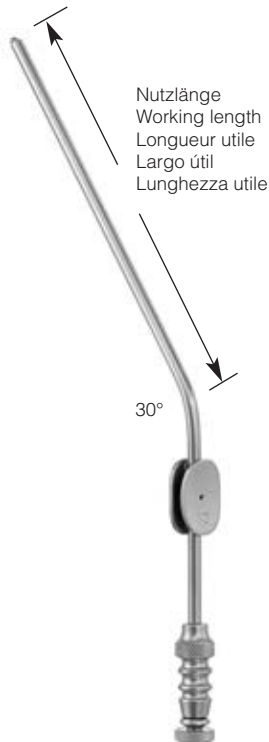
Tubos de aspiración

Tubi d'aspirazione



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

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

LUER
17,5 cm/7"

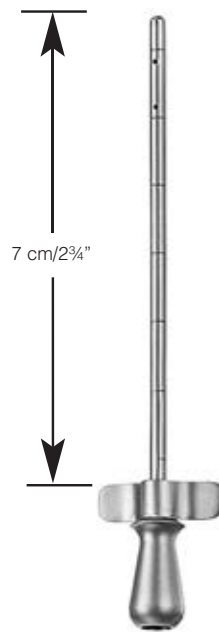
Schlaucholive ø 6 - 9 mm
Olive ø 6 - 9 mm
Olive ø 6 - 9 mm
Oliva ø 6 - 9 mm
Oliva ø 6 - 9 mm

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

Saugrohre

Suction tubes
Tubes d'aspiration
Tubos de aspiración
Tubi d'aspirazione



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"

BELLUCCI

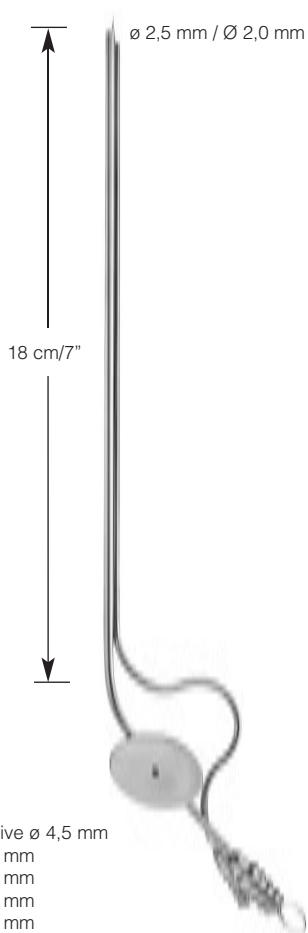
40.310.00

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

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

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 and 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

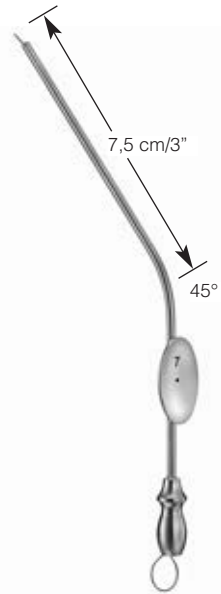
Präpariersauger
 Suction raspatory
 Aspirateur pour préparation
 Aspirador para preparación
 Aspiratore per preparazione



LANDOLT
40.333.20
 20 cm / 8"
 Ø 3,2 mm

Saugrohre

Suction tubes
Tubes d'aspiration
Tubos de aspiración
Tubi d'aspirazione



BARON

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



SCHUHKNECHT
13 cm/5"

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

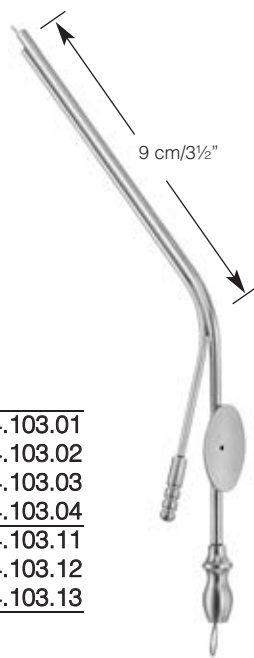
Saugadapter mit Saugunterbrecher
Suction adapter with finger cut-off
Adaptateur d'aspiration avec interrupteur
Adaptador para aspiración con interruptor
Adattatore per aspirazione con interruttore



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"

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



HOUSE

Saugrohr	Spülrohr
Suction tube	Irrigation tube
À aspiration	À irrigation
De aspiración	De irrigación
Per aspirazione	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



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

Rongeurs

Rongeurs

Gouges

Gubias

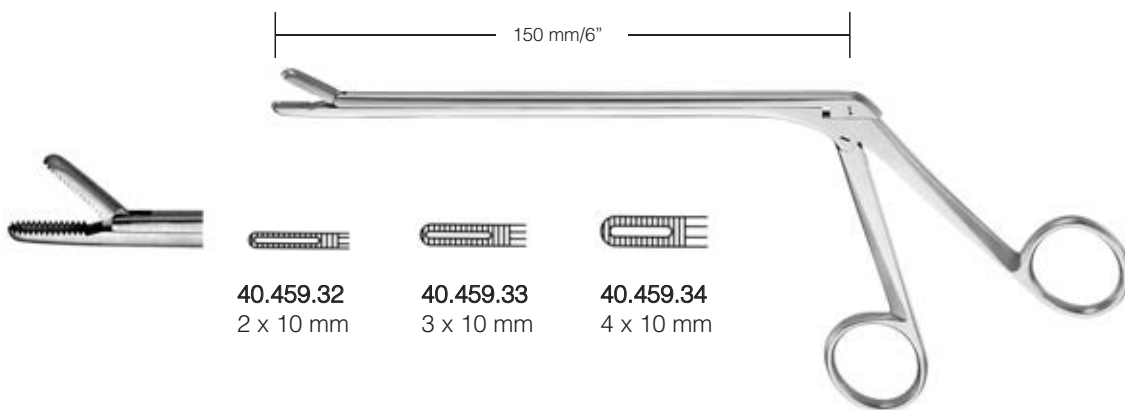
Sgorbie



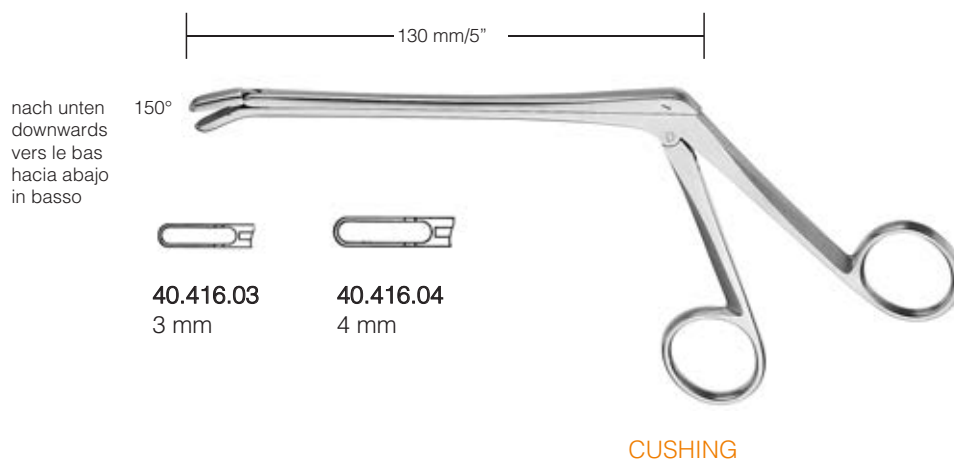
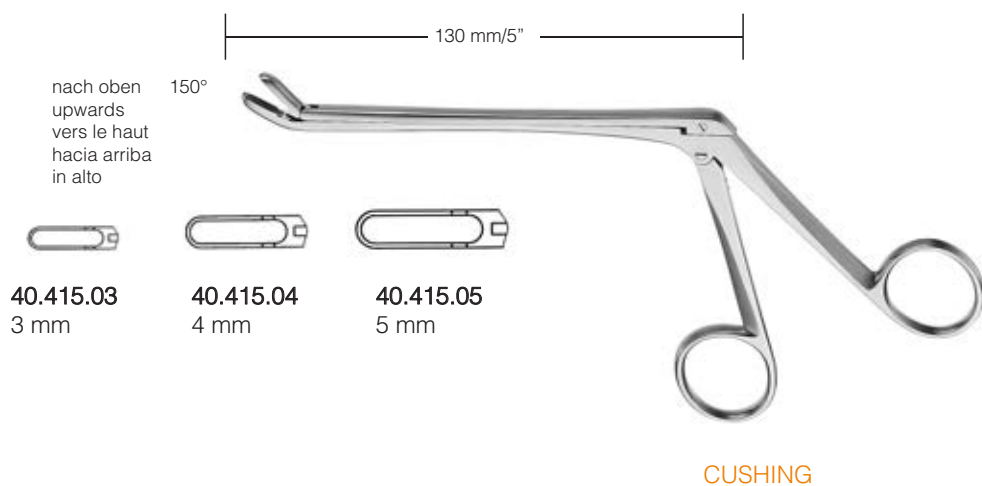
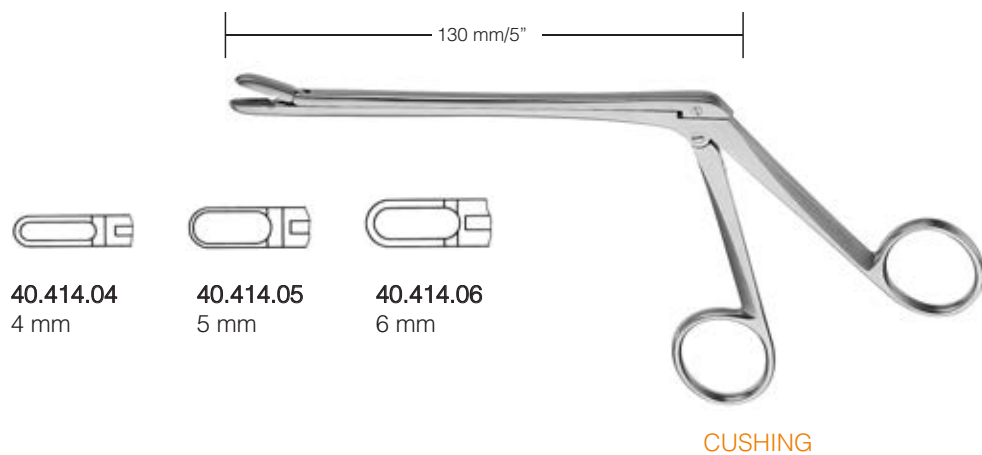
BECK
40.413.02



PENNYBACKER
40.423.03

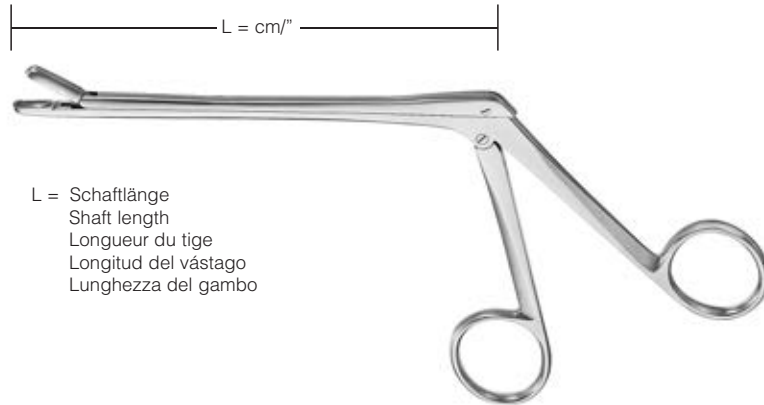


SCHLESINGER



Laminektomiezangen

Laminectomy rongeurs
Pincas para laminectomia
Pinze per laminectomia



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

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

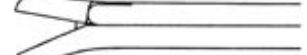


CUSHING

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



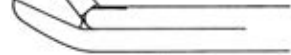
gerade
straight
droit
recta
diritta

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

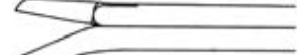


LOVE-GRUENWALD

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



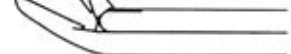
gerade
straight
droit
recta
diritta

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

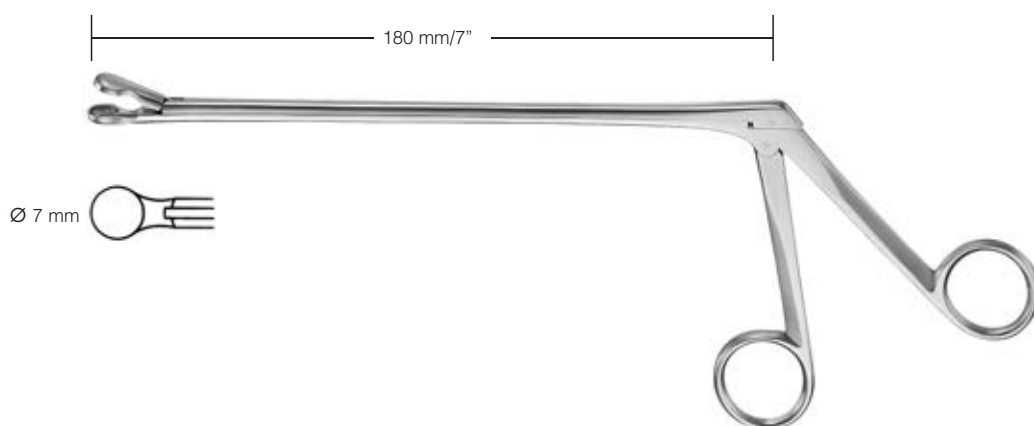
nach unten
downwards
vers le bas
hacia abajo
in basso

4 x 10 mm

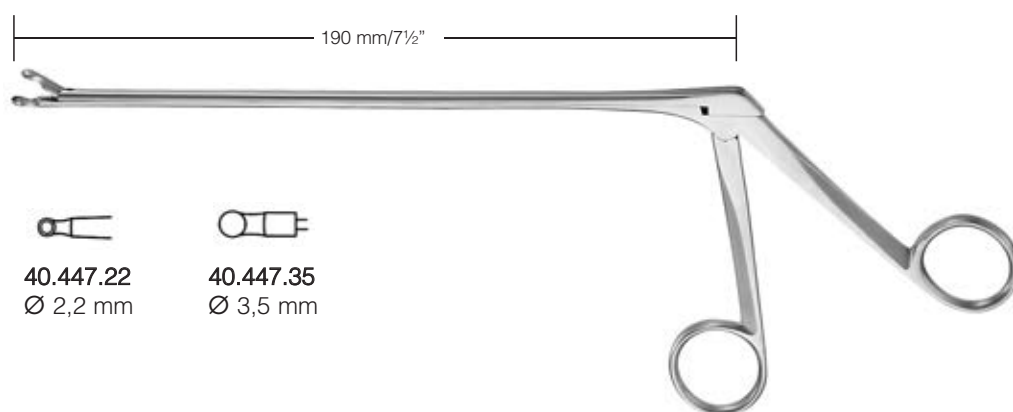


SPURLING

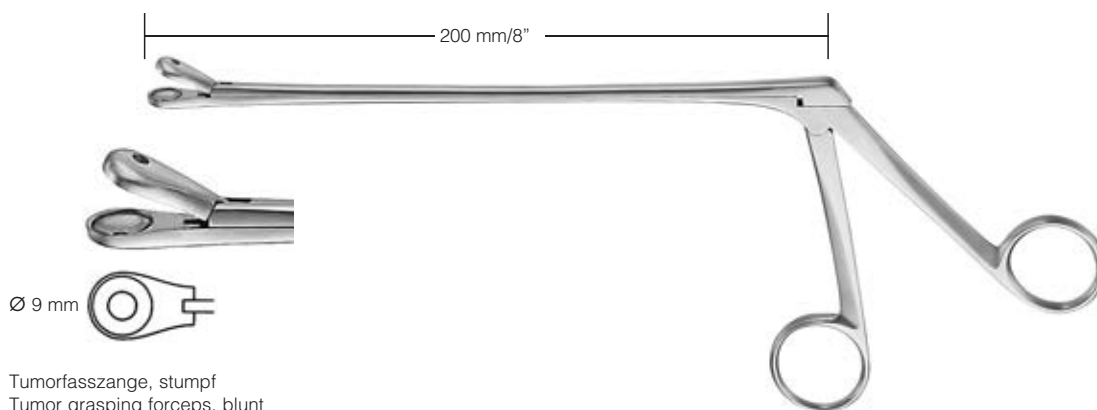
12,5 cm/5"	40.440.03
15,0 cm/6"	40.441.03
18,0 cm/7"	40.442.03



OLDBERG
 40.445.25
 25 cm/10"



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

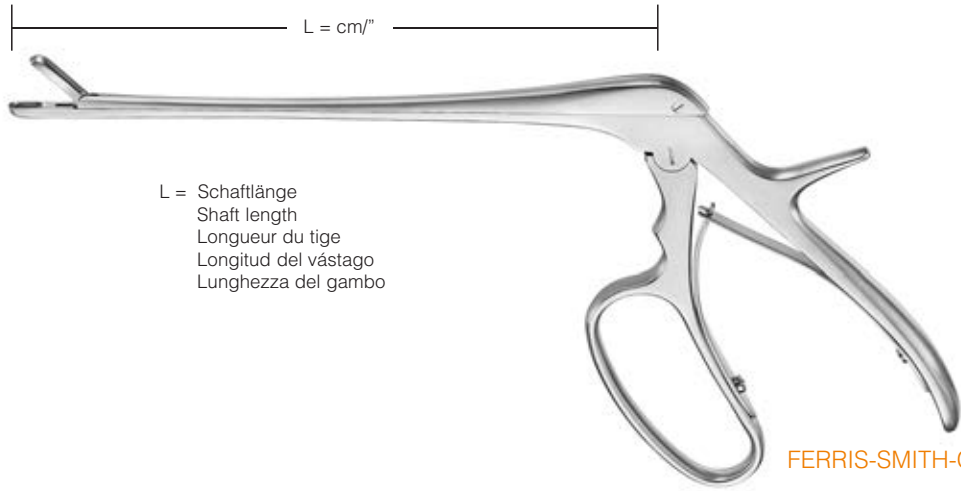
Bandscheiben-Rongeure

Rongeurs for intervertebral discs

Rongeurs pour disques intervertébraux

Pinzas cortantes para discos intervertebrales

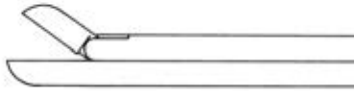
Pinze spezzatrici per dischi intervertebrali



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

FERRIS-SMITH-CUSHING

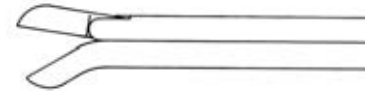
gerade
straight
droit
recta
diritta



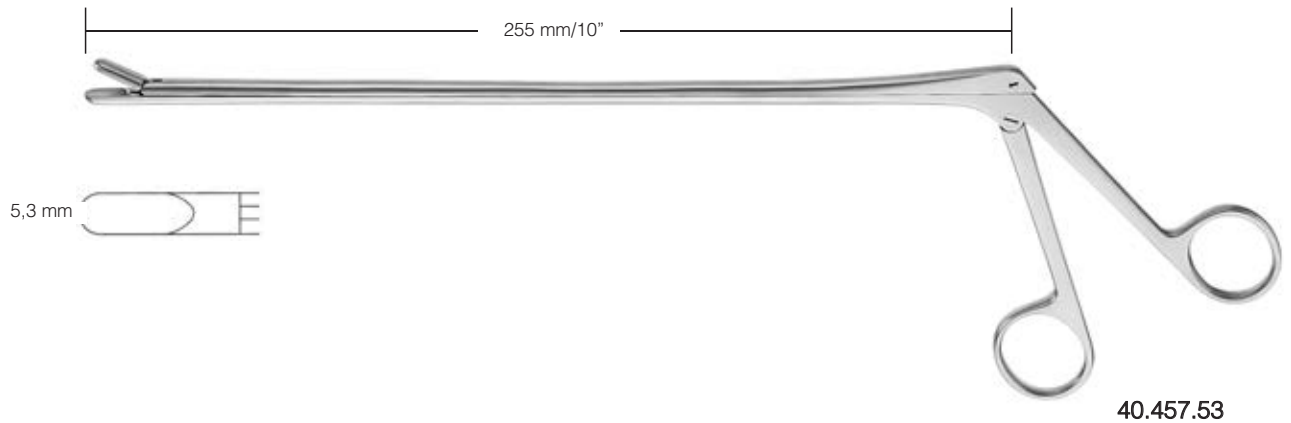
nach oben
upwards
vers le haut
hacia arriba
in alto



nach unten
downwards
vers le bas
hacia abajo
in basso

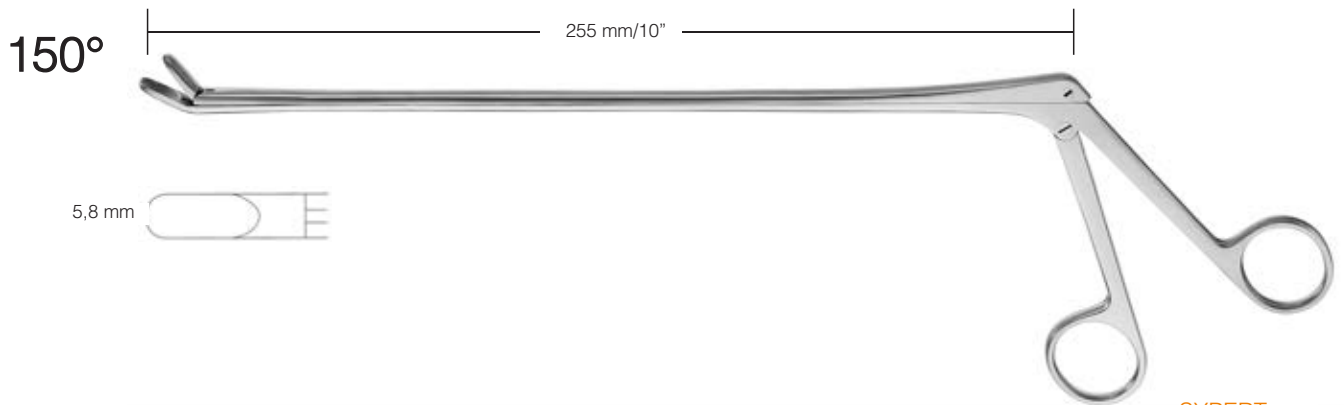


	16 cm/6¼"	18 cm/7"	16 cm/6¼"	18 cm/7"	16 cm/6¼"	18 cm/7"
2 x 10 mm		40.451.01		40.451.02		40.451.03
3 x 10 mm	40.450.01	40.452.01	40.450.02	40.452.02	40.450.03	40.452.03
4 x 10 mm		40.453.01		40.453.02		40.453.03



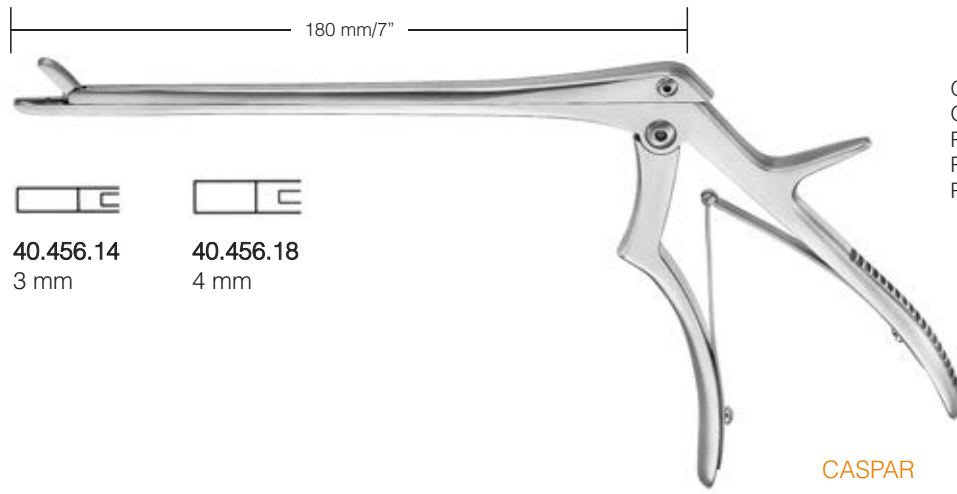
5,3 mm

40.457.53

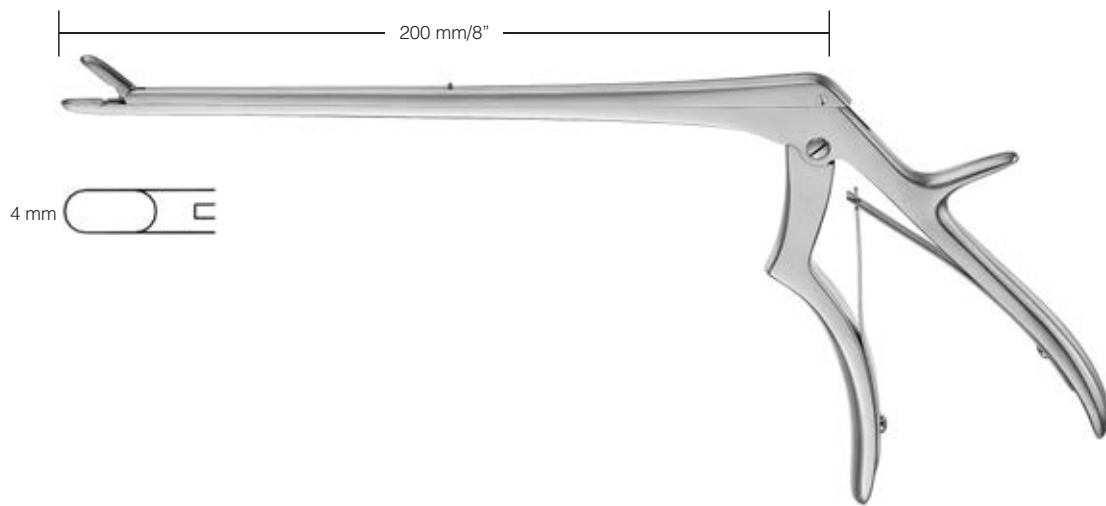


5,8 mm

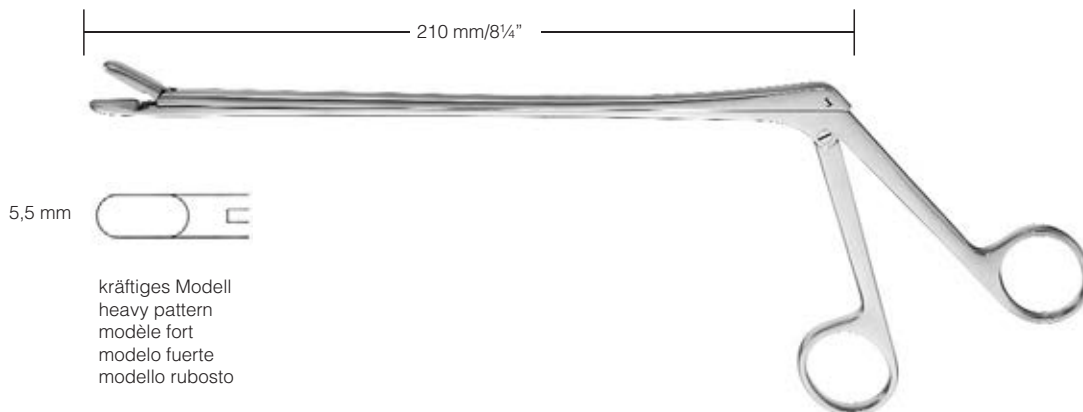
SYPERT
40.457.58



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



WAGNER
 40.458.20



kräftiges Modell
 heavy pattern
 modèle fort
 modelo fuerte
 modello rubosto

WAGNER
 40.458.21

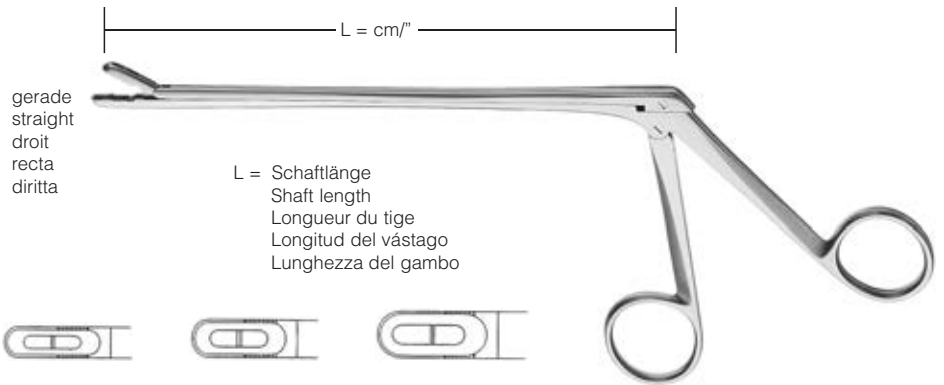
Bandscheiben-Rongeure

Rongeurs for intervertebral discs

Rongeurs pour disques intervertébraux

Pinzas cortantes para discos intervertebrales

Pinze spezzatrici per dischi intervertebrali

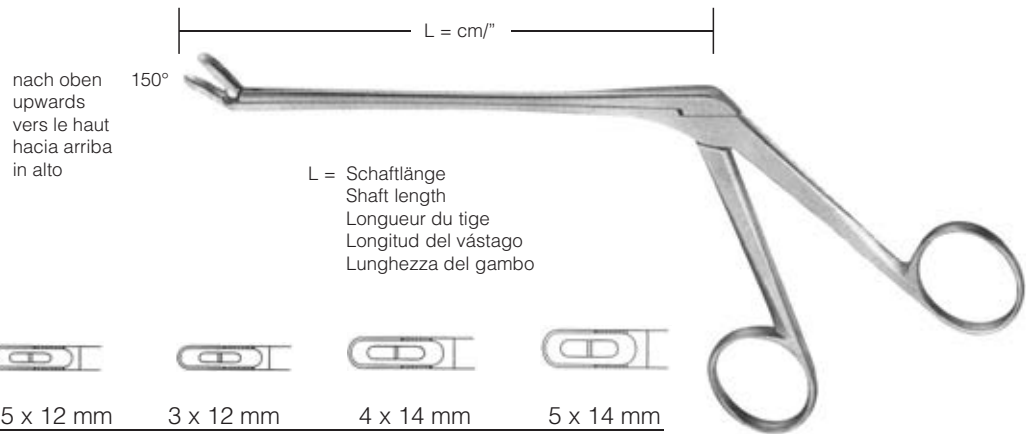


L = Schaftlänge
Shaft length
Longueur du tige
Longitud del vástago
Lunghezza del gambo



	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

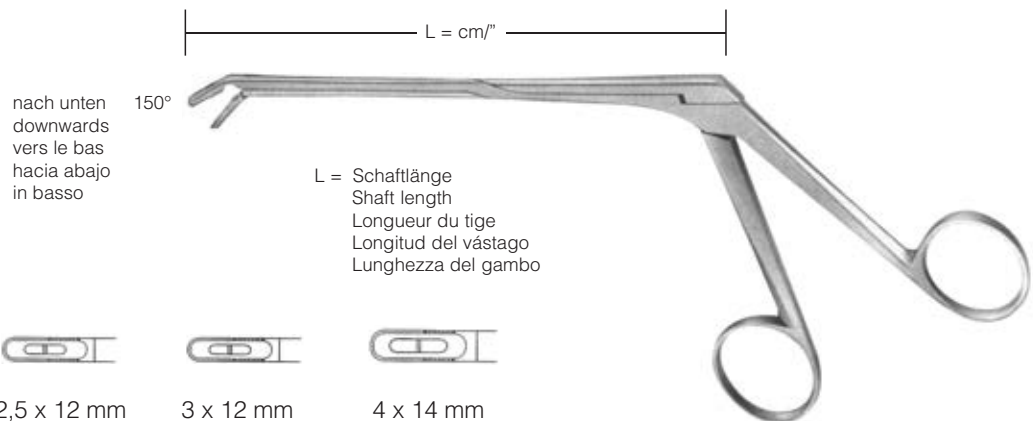


L = Schaftlänge
Shaft length
Longueur du tige
Longitud del vástago
Lunghezza del gambo



	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

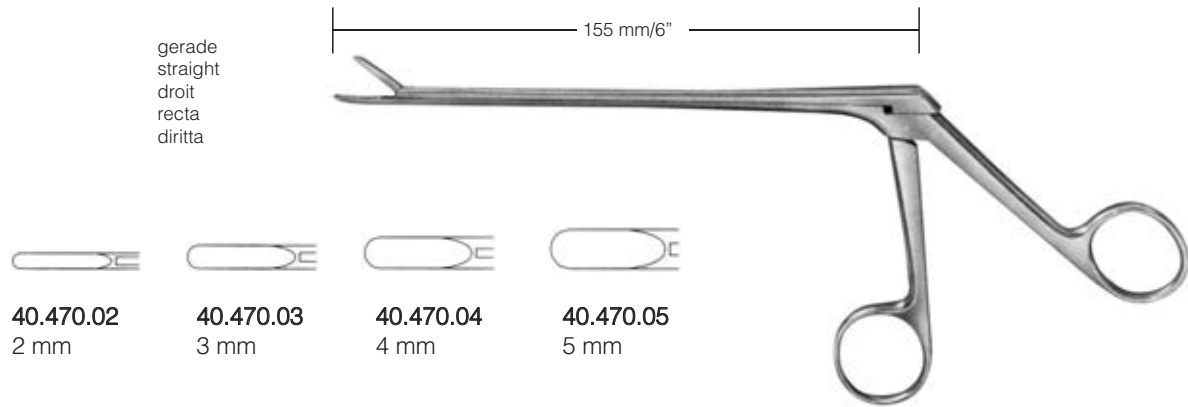


L = Schaftlänge
Shaft length
Longueur du tige
Longitud del vástago
Lunghezza del gambo

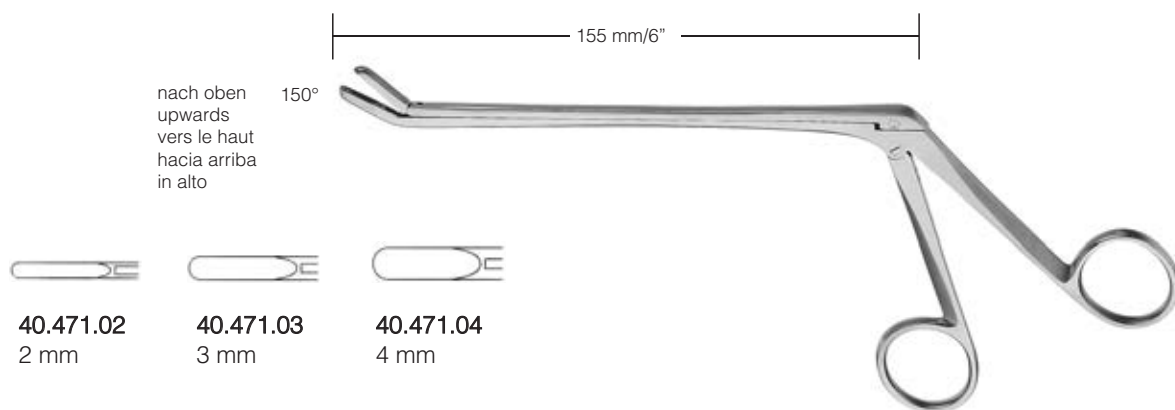


	2 x 12 mm	2,5 x 12 mm	3 x 12 mm	4 x 14 mm
14 cm/5½"	40.463.20	40.463.25		40.463.40
16 cm/6¼"	40.467.20	40.467.25		40.467.40
18,5 cm/7¼"			40.475.30	40.475.40

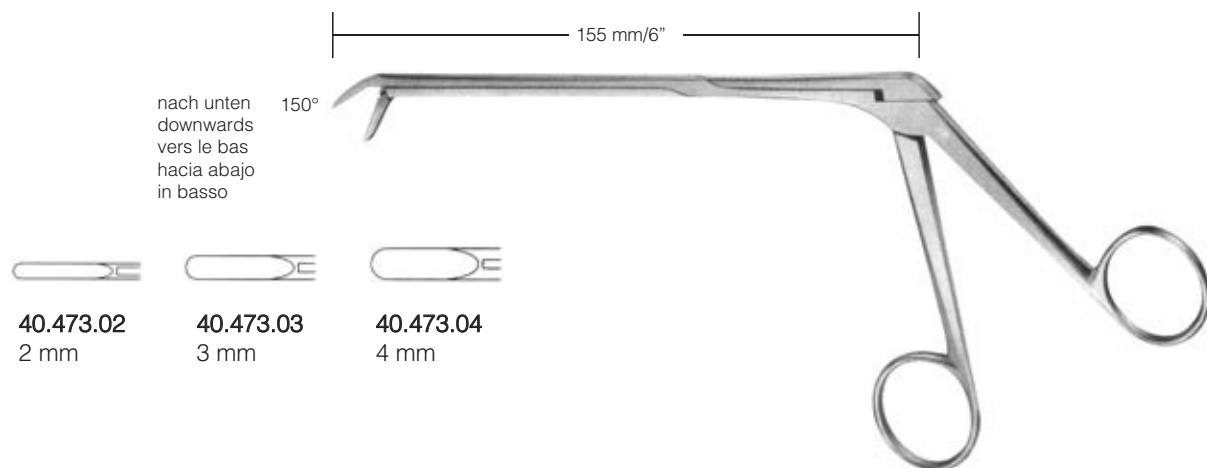
CASPAR



CASPAR



CASPAR



CASPAR

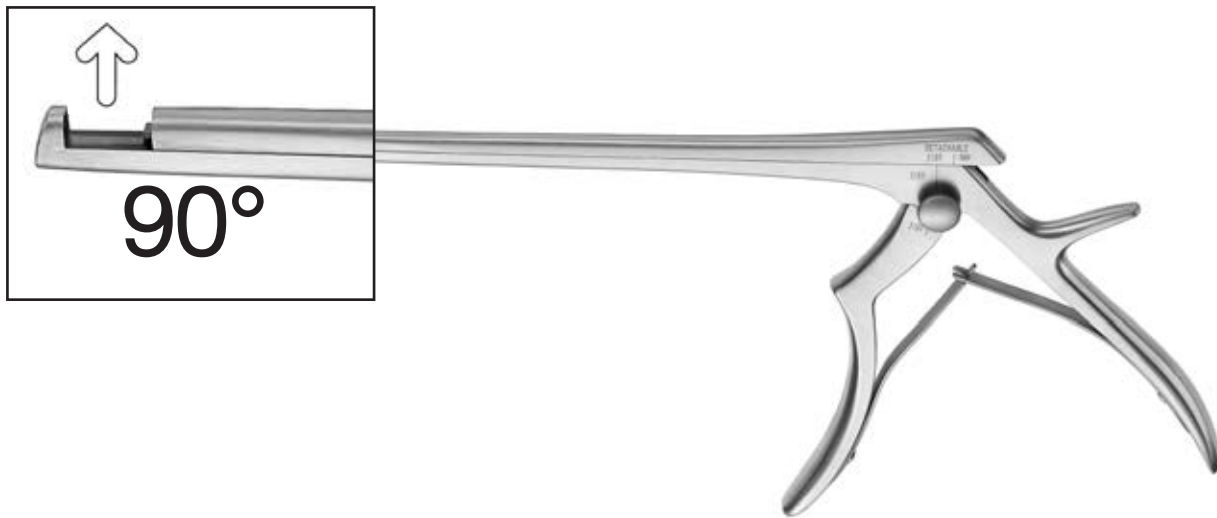
KERRISON Laminectomiestanzen

KERRISON Laminectomy rongeurs

KERRISON Pinces emporte-pièce pour laminectomie

KERRISON Pinzas saca-bocadas para laminectomía

KERRISON Pinze taglianti per laminectomia



	Maul (mm) Jaw Size (mm) Mors (mm) Boca (mm) Morso (mm)	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	☑	
dünnfuß thin foot plate	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	☑
poinçonnage étroite	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	☑
punzonar estrecha	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	☑
sottile	230 mm / 9"	6	40.510.56	40.497.16	☑	40.497.16C	☑



	Maul (mm) Jaw Size (mm) Mors (mm) Boca (mm) Morso (mm)	Standard	Zerlegbar Dismantable Démontable Desmontable Smontabile	Auswerfer Ejector Éjecteur Expulsor Espulsore	Zerlegbar (Keramik) Dismantable (Ceramic) Démontable (Céramic) 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	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	☑
poinçonnage étroite	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	☑
punzonar estrecha	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	☑
	sottile		4	40.499.54	40.498.54	☑	40.498.54C
		5	40.499.55	40.498.55	☑	40.498.55C	☑

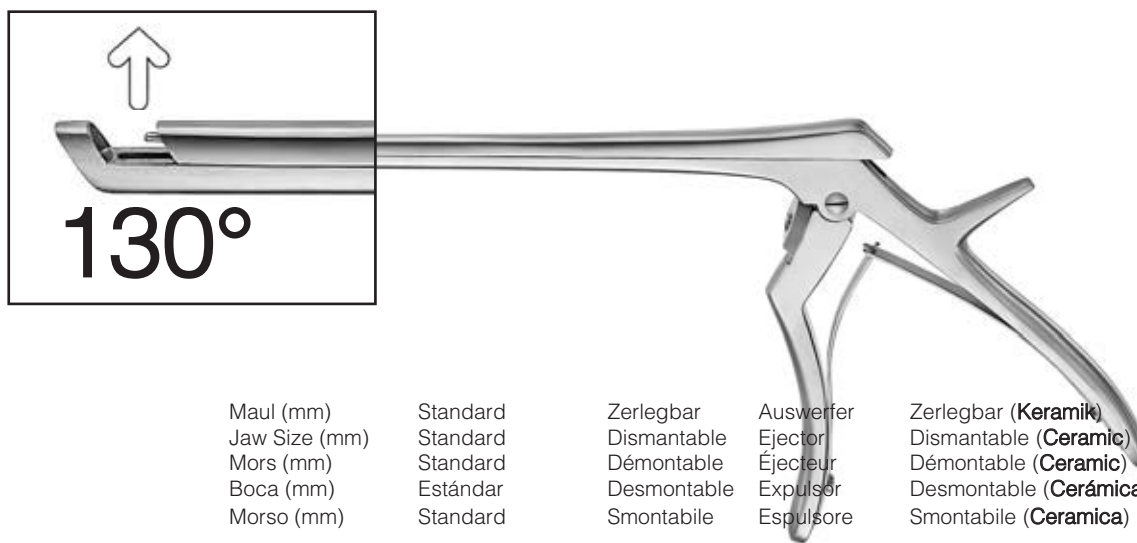
KERRISON Laminectomiestanzen

KERRISON Laminectomy rongeurs

KERRISON Pinces emporte-pièce pour laminectomie

KERRISON Pinzas saca-bocadas para laminectomía

KERRISON Pinze taglianti per laminectomia



	Maul (mm) Jaw Size (mm) Mors (mm) Boca (mm) Morso (mm)	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" 4 5 6	2 3	40.511.32					
		40.511.33					
		40.511.34					
		40.511.35					
		40.511.36					
dünnpfuß thin foot plate	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	☑
poinçonnage étroite	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	☑
punzonar estrecha sottile	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	☑



	Maul (mm) Jaw Size (mm) Mors (mm) Boca (mm) Morso (mm)	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	☑	
	dünnpfuß thin foot plate	180 mm / 7"	1	40.514.11	40.503.11	-	40.503.11C
2		40.514.12	40.503.12	-	40.503.12C	-	
3		40.514.13	40.503.13	☑	40.503.13C	☑	
4		40.514.14	40.503.14	☑	40.503.14C	☑	
5		40.514.15	40.503.15	☑	40.503.15C	☑	
poinçonnage étroite	200 mm / 8"	1	40.514.31	40.503.31	-	40.503.31C	-
	2	40.514.32	40.503.32	-	40.503.32C	-	
	3	40.514.33	40.503.33	☑	40.503.33C	☑	
	4	40.514.34	40.503.34	☑	40.503.34C	☑	
	5	40.514.35	40.503.35	☑	40.503.35C	☑	
punzonar estrecha	230 mm / 9"	2	40.543.12	40.504.12	-	40.504.12C	-
	3	40.543.13	40.504.13	☑	40.504.13C	☑	
	4	40.543.14	40.504.14	☑	40.504.14C	☑	
	5	40.543.15	40.504.15	☑	40.504.15C	☑	
	sottile	230 mm / 9"	2	40.543.12	40.504.12	-	40.504.12C
3		40.543.13	40.504.13	☑	40.504.13C	☑	
4		40.543.14	40.504.14	☑	40.504.14C	☑	
5		40.543.15	40.504.15	☑	40.504.15C	☑	

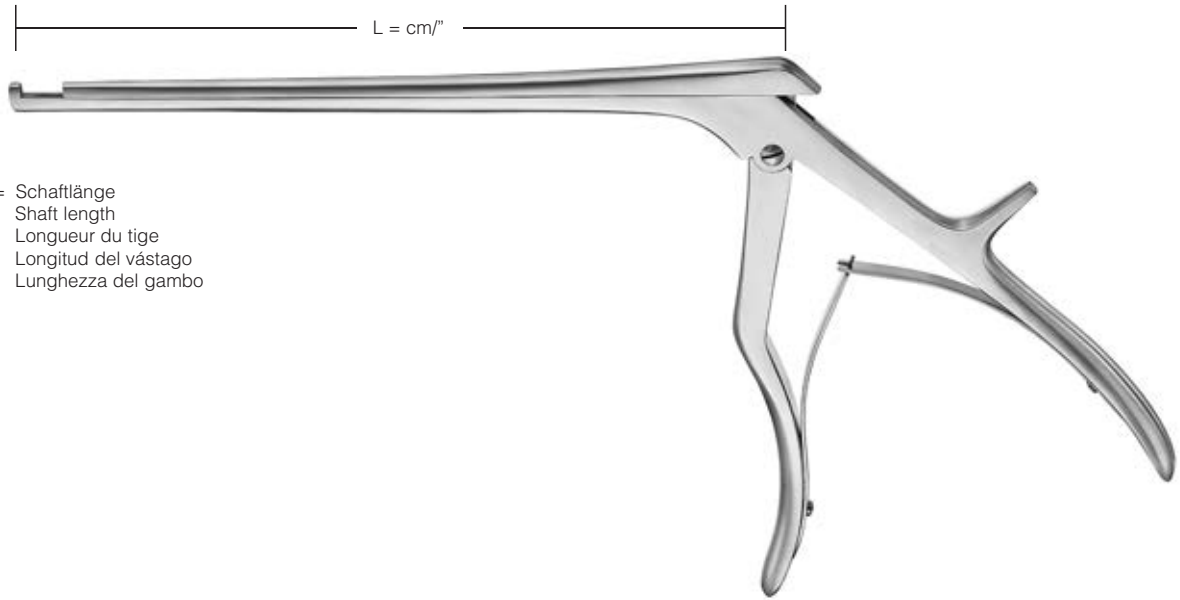
Laminektomiestanzen

Laminectomy rongeurs

Pinces emporte-pièce pour laminectomie

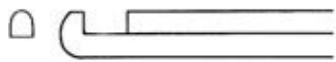
Pinzas saca-bocadas para laminectomía

Pinze taglianti per laminectomia



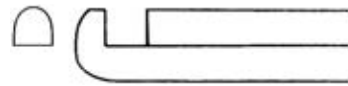
L = Schaftlänge
Shaft length
Longueur du tige
Longitud del vástago
Lunghezza del gambo

COLCLOUGH



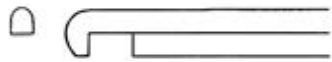
3 mm

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



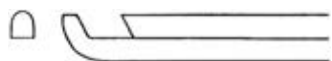
3 mm

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



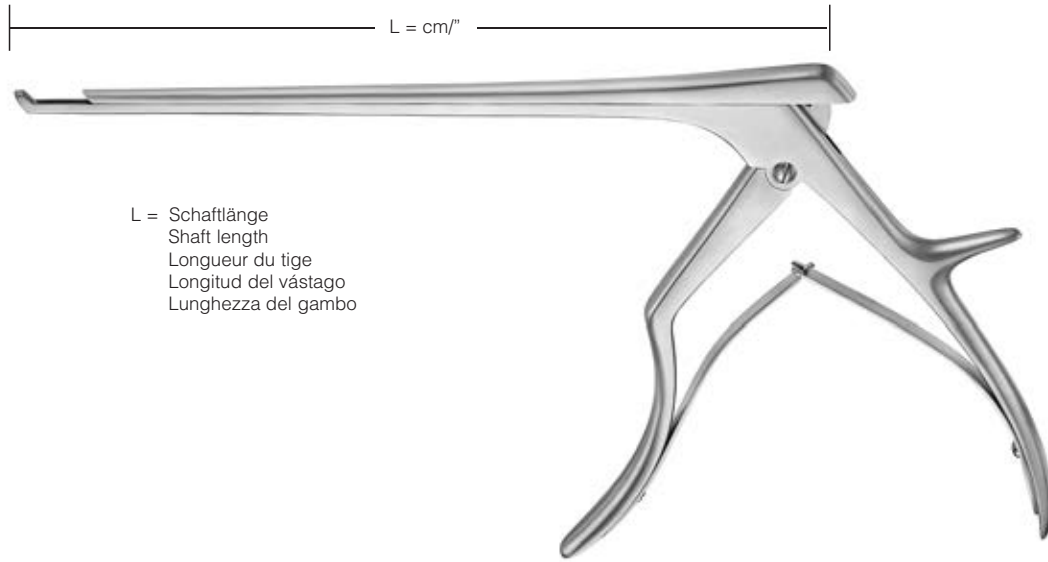
3 mm

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



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

SCHLESINGER



15 cm/6"

20 cm/8"



15 cm/6"

20 cm/8"



40°



15 cm/6"

20 cm/8"



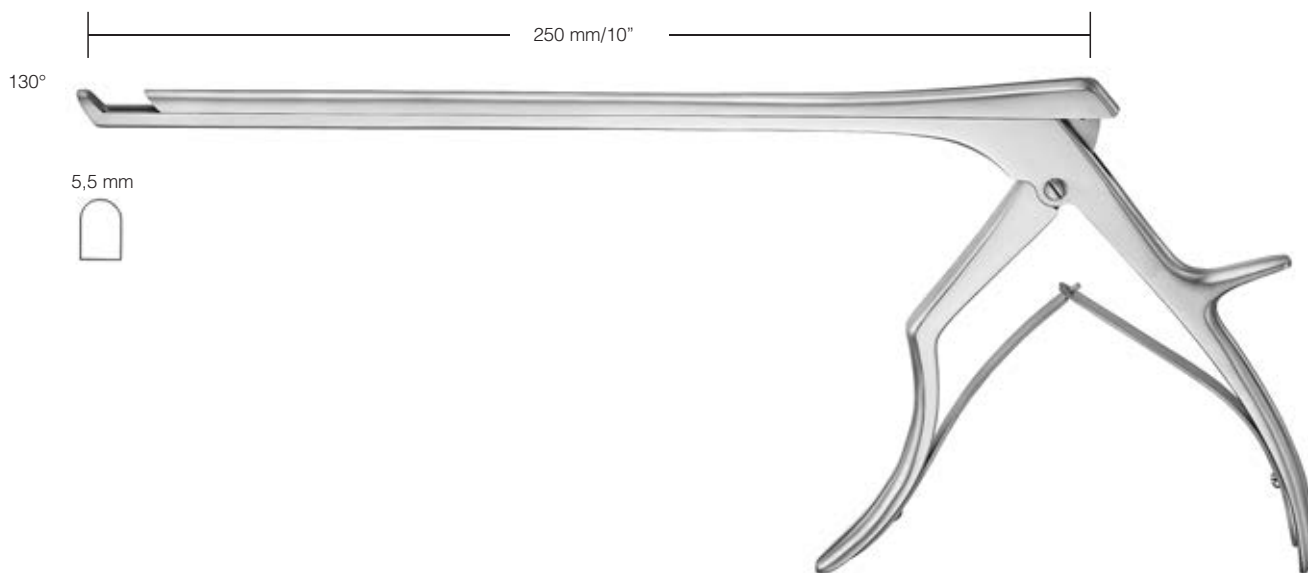
Laminektomiestanzen

Laminectomy rongeurs

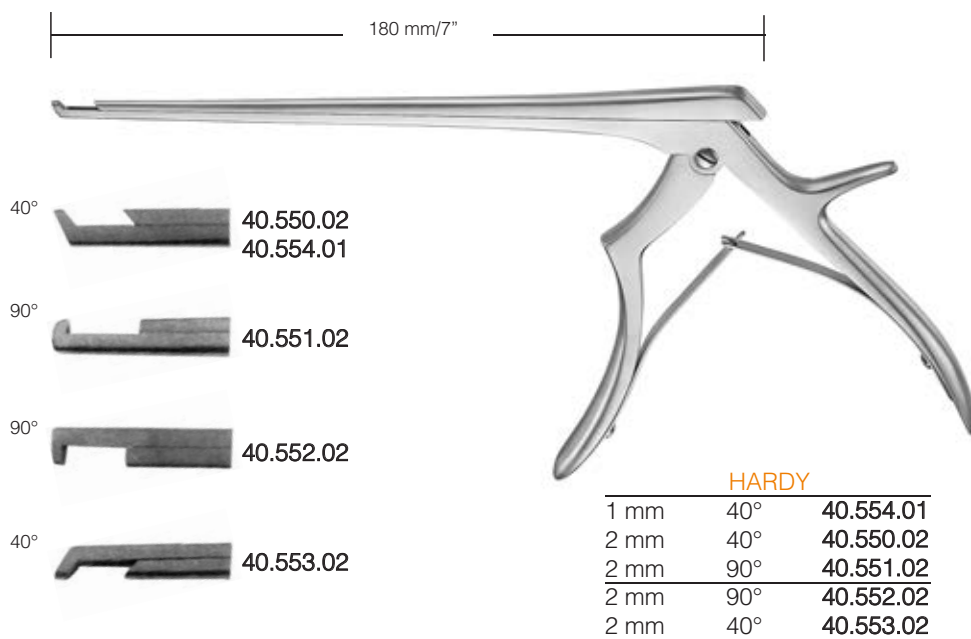
Pinces emporte-pièce pour laminectomie

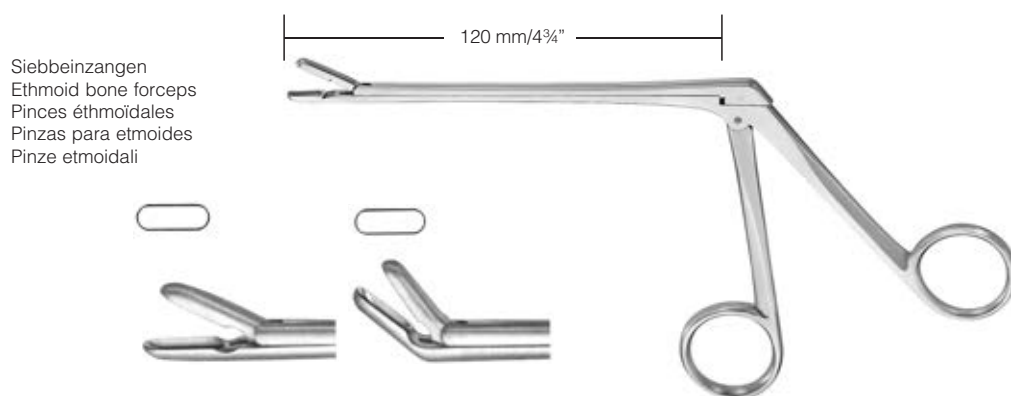
Pinzas saca-bocadas para laminectomía

Pinze taglianti per laminectomia



SYPERT
40.546.55





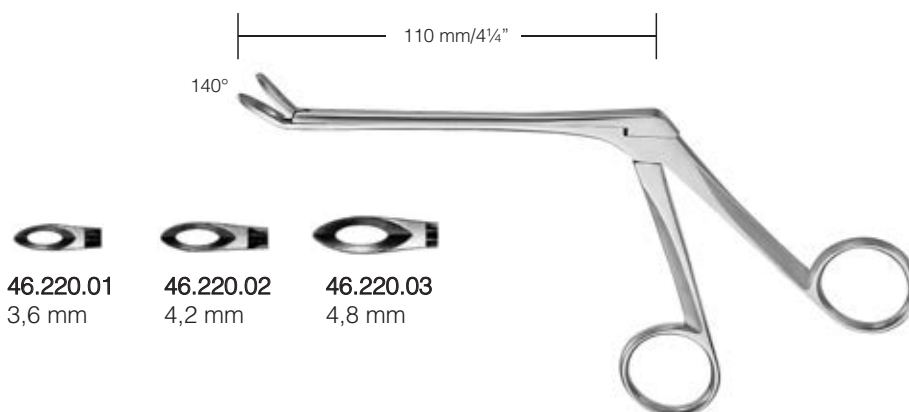
Siebbeinzangen
 Ethmoid bone forceps
 Pinces éthmoidales
 Pinzas para etmoides
 Pinze etmoidali

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/7 1/2"

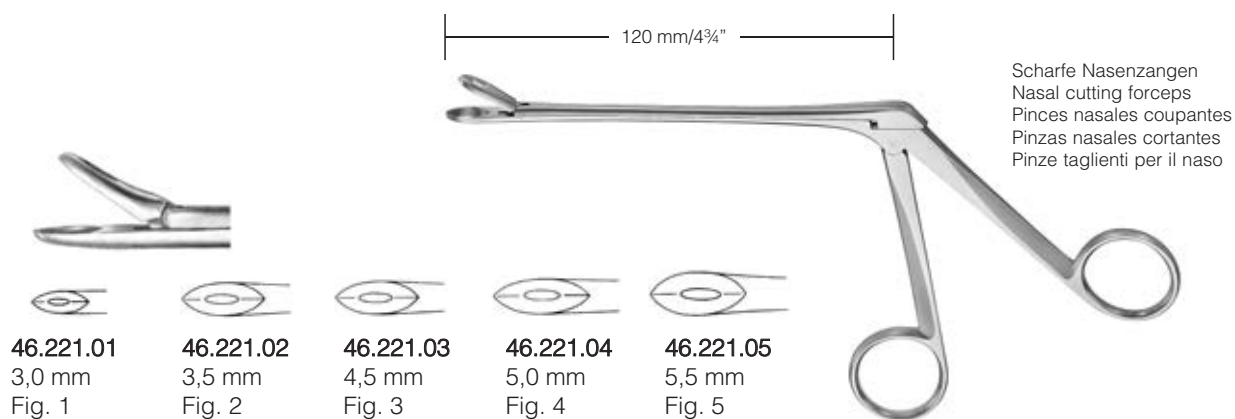


46.220.01
 3,6 mm

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 taglianti per il naso

46.221.01
 3,0 mm
 Fig. 1

46.221.02
 3,5 mm
 Fig. 2

46.221.03
 4,5 mm
 Fig. 3

46.221.04
 5,0 mm
 Fig. 4

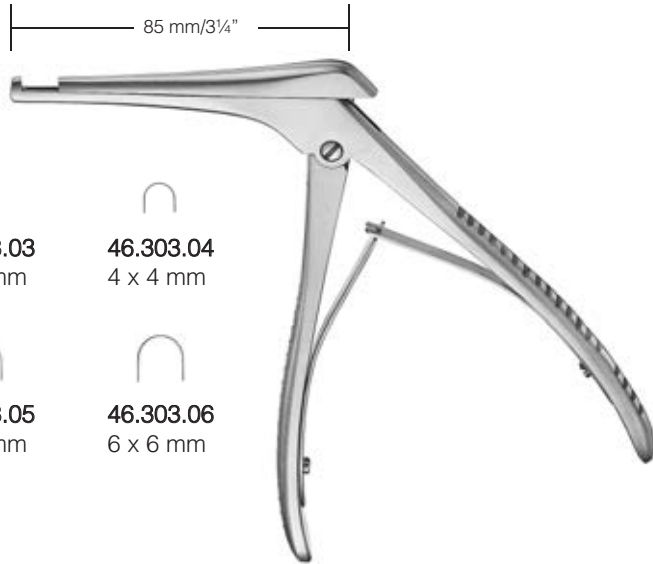
46.221.05
 5,5 mm
 Fig. 5





WEIL-BLAKESLEY
 19 cm/7 1/2"

Knochenstanzen

Mastoid rongeurs
Pincas emporte-pièce pour os
Pinzas cortantes para huesos
Pinze ossivore

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/6 3/4"

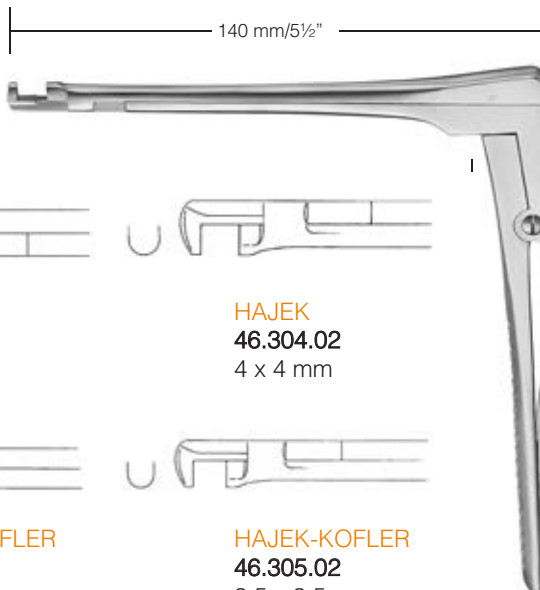


CITELLI

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

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

2,0 mm 



BEYER
46.315.20



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

17

◆ ANEURYSMEN - GEFÄß CLIPS

ANEURYSM - VESSEL CLIPS

ANEURYSM - CLIPS VASCULAIRES

ANEURYSM - CLIPS VASCULARES

ANEURYSM - CLIPS VASCOLARI

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

40.924.62	40.924.66	40.920.74	40.920.00	40.924.57	40.924.59	40.924.64
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

YASARGIL Aneurysmen Clips
 YASARGIL Aneurysm clips
 YASARGIL Clips d'anévrisme
 YASARGIL Clips de aneurisma
 YASARGIL Clips per aneurisma

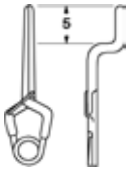
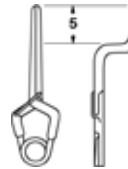
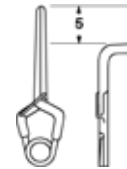
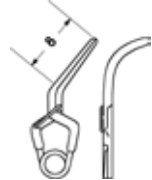
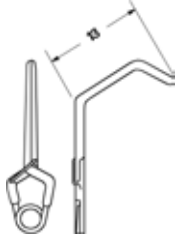
für permanenten Verschluss
 for permanent closure
 pour la fermeture permanente
 para el cierre permanente
 per la chiusura permanente

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

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

YASARGIL Aneurysmen Clips
 YASARGIL Aneurysm clips
 YASARGIL Clips d'anévrisme
 YASARGIL Clips de aneurisma
 YASARGIL Clips per aneurisma

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

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

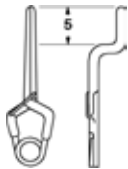
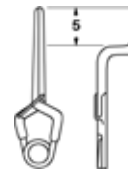
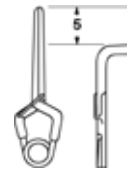
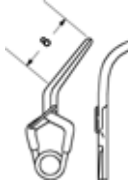

40.577.66	40.573.79	40.731.85	40.731.51	40.732.71	40.731.11	40.733.55
40.577.65	40.573.78	40.731.84	40.731.50	40.732.70	40.731.10	40.733.54
6,5 mm	7,8 mm	8,4 mm	5,6 mm	5,6 mm	5,6 mm	5,4 mm
110 gms	110 gms	110 gms	130 gms	130 gms	130 gms	130 gms

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

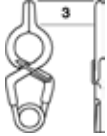

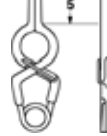



STANDARD







YASARGIL Aneurysmen Clips
 YASARGIL Aneurysm clips
 YASARGIL Clips d'anévrisme
 YASARGIL Clips de aneurisma
 YASARGIL Clips per aneurisma

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


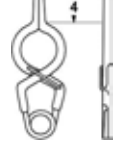



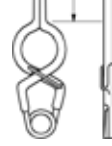
STANDARD


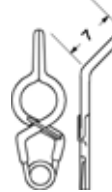
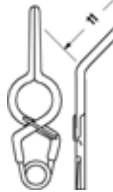



für temporären Verschluss, gefenstert 3,5 mm
 for temporary closure, fenestrated 3,5 mm
 pour la fermeture temporaire, fenêtré 3,5 mm
 para el cierre temporal, fenestrado 3,5 mm
 per la chiusura temporaneo, fenestrato 3,5 mm


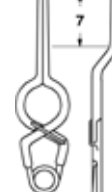
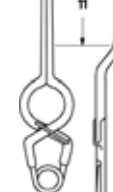
Titan / Titanium	40.731.38	40.731.48	40.734.58	40.732.78	40.573.85	40.573.97
PHYNOX	40.731.37	40.731.47	40.734.57	40.732.77	40.573.84	40.573.96
Öffnung/max. opening	7,4 mm	7,4 mm	7,4 mm	7,4 mm	8,4 mm	9,6 mm
Druck / Force	110 gms	110 gms	110 gms	110 gms	110 gms	90 gms

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

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

40.565.11	40.565.14	40.565.16	40.566.12	40.566.14	40.566.17
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

YASARGIL Aneurysmen Clips
 YASARGIL Aneurysm clips
 YASARGIL Clips d'anévrisme
 YASARGIL Clips de aneurisma
 YASARGIL Clips per aneurisma

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

40.575.66	40.577.73	40.571.79	40.575.56	40.577.56	40.571.56
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

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

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

MINI

YASARGIL Aneurysmen Clips
YASARGIL Aneurysm clips
YASARGIL Clips d'anévrisme
YASARGIL Clips de aneurisma
YASARGIL Clips per aneurisma

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


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

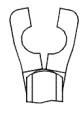
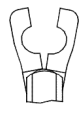
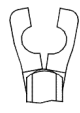
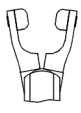
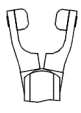
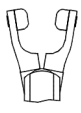
Anlegezangen für YASARGIL Aneurysmen Clips

YASARGIL Clip applying forceps

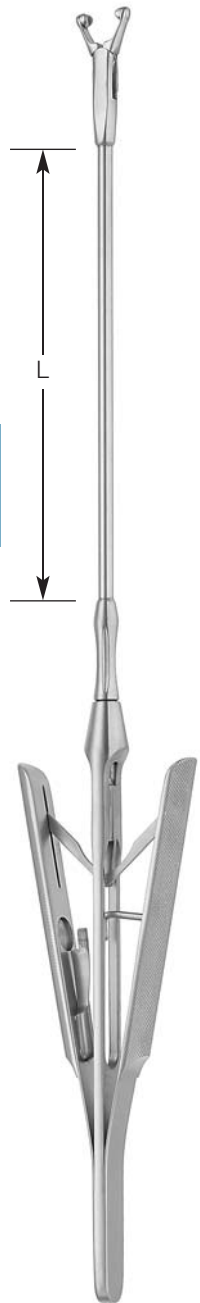
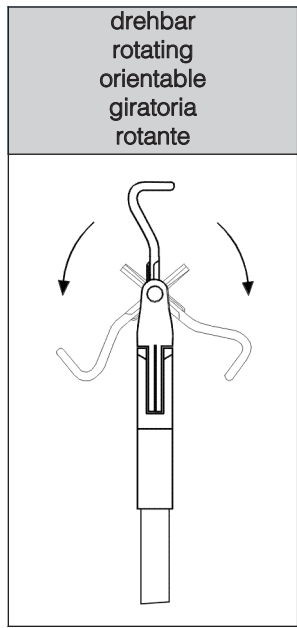
Pinces à appliquer les clips anévrismaux YASARGIL

Pinza aplicadora para YASARGIL clips de aneurisma

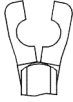
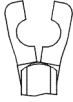
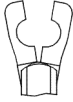



Pinza per applicare i YASARGIL clips per aneurisma

	nicht drehbar / non rotating / non orientable / no giratoria / non rotante			drehbar / rotating / orientable / giratoria / rotante		
						
	70 mm 2¾"	90 mm 3½"	110 mm 4⅓"	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

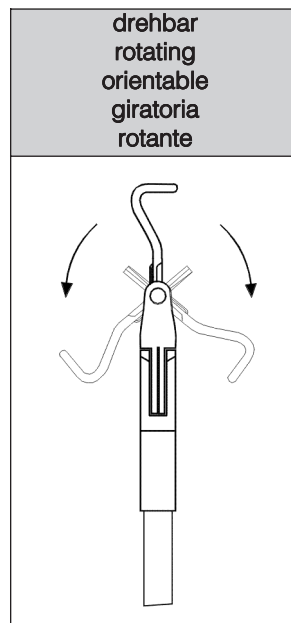
Titan
Titanium
Titane
Titanio
Titanio



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



MEMORY

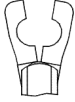

Anlegezangen für YASARGIL Aneurysmen Clips

YASARGIL Clip applying forceps

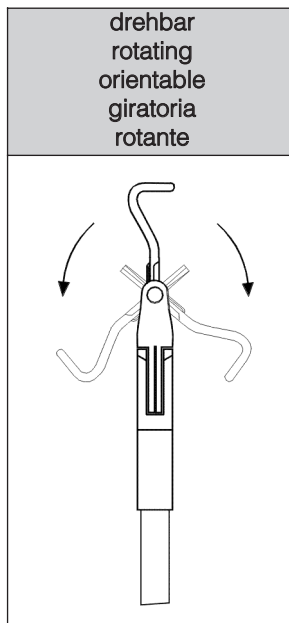
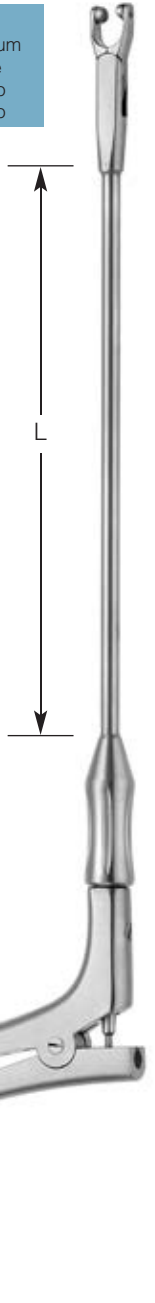
Pinces à appliquer les clips anévrismaux YASARGIL



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 5⅓"	70 mm 2¾"	90 mm 3½"	110 mm 4⅓"	130 mm 5⅓"
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

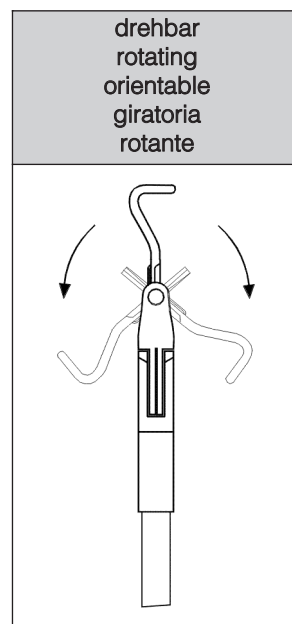
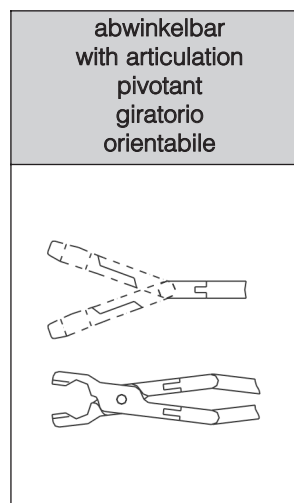
Titan
Titanium
Titane
Titanio
Titanio



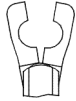

		nicht drehbar / non rotating / non orientable / no giratoria / non rotante			drehbar / rotating / orientable / giratoria / rotante		
							
		*190 mm 7½"	210 mm 8¼"	230 mm 9"	*190 mm 7½"	210 mm 8¼"	230 mm 9"
STANDARD				40.773.01		40.771.83	40.773.03
		40.773.11		40.773.31	40.773.13	40.773.23	40.773.33
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.

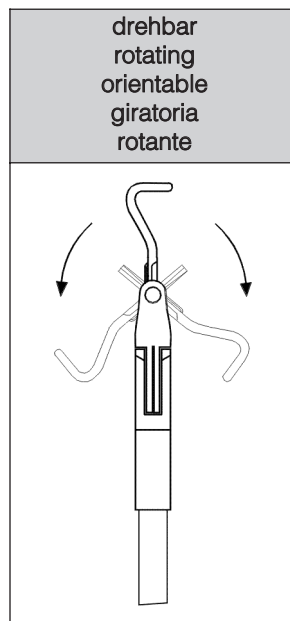






Anlegezangen für YASARGIL Aneurysmen Clips
 YASARGIL Clip applying forceps
 Pincès à appliquer les clips anévrismaux YASARGIL
 Pinza aplicadora para YASARGIL clips de aneurisma
 Pinza per applicare i YASARGIL clips per aneurisma

	nicht drehbar / non rotating / non orientable / no giratoria / non rotante	drehbar / rotating / orientable / giratoria / rotante
		
	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	



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
			
	4,0 mm	6,0 mm	30 - 40 gms 0,29 - 0,39 Newton
12.040.01			
	5,0 mm	9,0 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			



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

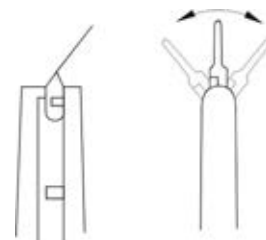
MEHDORN Vessel clips - for temporary occlusion

MEHDORN Serre-Fines - pour occlusion temporaire

MEHDORN Clips vasculares - para oclusión temporal

MEHDORN Pinze - per occlusioni temporari

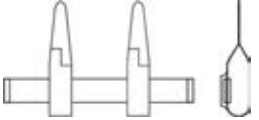
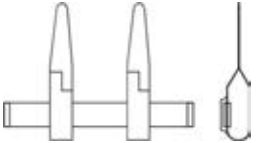
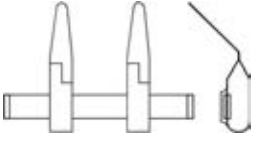
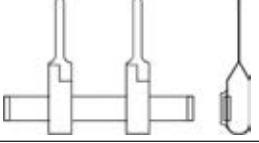
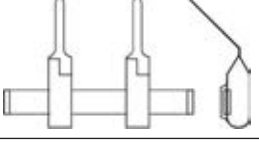
MEHDORN	Maullänge Length of jaws Longuer des mors Longitud de boca Lunghg. di morsi	Schließkraft Closing force Force d'occlusion Fuerza de oclusión Forza di occlusiva
 12.043.01	4 x 1,0 mm	10 - 15 gms 0,10 - 0,15 Newton
 12.043.02	4 x 1,4 mm	10 - 15 gms 0,10 - 0,15 Newton
 12.043.03	6 x 1,0 mm	10 - 15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



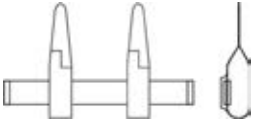
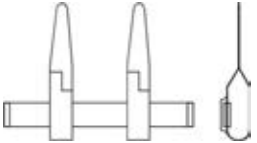
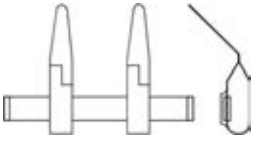
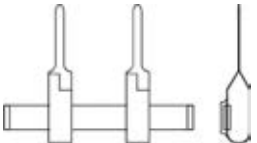
BIEMER
12.046.14
 14,5 cm/5¾"

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



BIEMER
12.048.14
 14,5 cm/5¾"

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

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

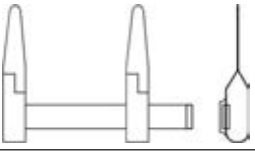
Anlegepinzette mit Schloss
 Applying forceps with lock
 Pince à appliquer avec blocage
 Pinza con cierre
 Applicatore con serratura



BIEMER
12.046.14
 14,5 cm/5³/₄"



BIEMER
12.048.14
 14,5 cm/5³/₄"

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**

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



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

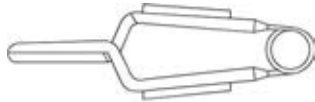

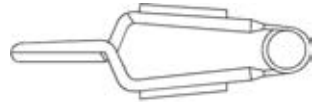

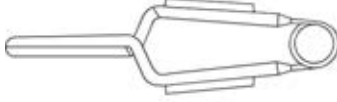

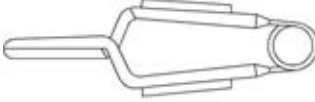

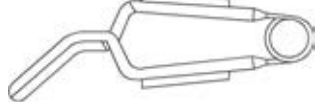

12.041.02

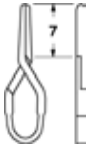
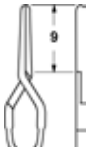
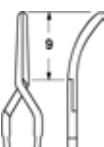
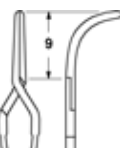

1 Paar Ersatznadeln
 1 Pair of spare needles
 1 Paire d'aiguilles de rechange
 1 Par de agujas de recambio
 1 Paio di aghi di ricambio

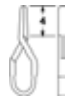

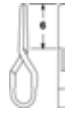
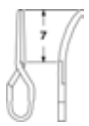


BIEMER
12.044.14
 14,5 cm/5¾"

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






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




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

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






ACLAND Mikro-Gefäßclips
 ACLAND Micro vessel clips
 ACLAND Micro clips vasculaires
 ACLAND Micro clips vasculares
 ACLAND Micro clips vascolari




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 Aprossimatori						

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 Aprossimatori				

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 Aprossimatori				

ACLAND Clip-Anlegepinzetten

ACLAND Clip applying forceps

ACLAND Pinces pour poser les clips

ACLAND Pinzas para aplicar clips

ACLAND Pinze per applicare clips

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

mit Schloss
with lock
avec blocage
con cierre
con serratura



ACLAND
12.053.00
14 cm/5½"

ACLAND
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

mit Schloss
with lock
avec blocage
con cierre
con serratura



ACLAND
12.053.02
14 cm/5½"

ACLAND
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

mit Schloss
with lock
avec blocage
con cierre
con serratura



ACLAND
12.053.01
14 cm/5½"

ACLAND
12.053.11
14 cm/5½"



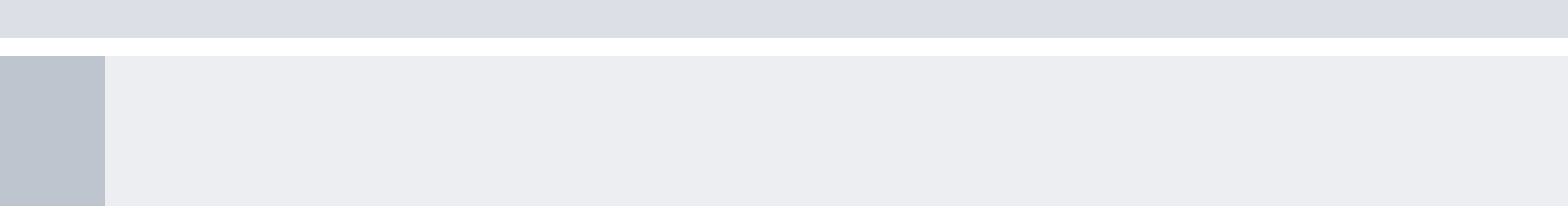
88.765.02
18 Clips
150 x 95 x 13 mm

Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inox



88.765.03
42 Clips
210 x 125 x 17 mm

Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inox



18

◆ HYPOPHYSEKTOMIE-INSTRUMENTE

PITUITARY INSTRUMENTS

INSTRUMENTS POUR L'HYPOPHYSECTOMIE

INSTRUMENTOS PARA HIPOFISECTOMÍA

STRUMENTI PER IPOFISECTOMIA

Spekula zur transsphenoïdalen Hypophysektomie

Specula for trans-sphenoidal hypophysectomy

Spéculum pour l'hypophysectomie transsphénoïdale

Espéculo para la hipofisectomía trans-esfenoidal

Specolo per ipofisectomia transfenoidale



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 spéculum
Pinza dilatadora para espéculos
Pinza divaricatrice per specoli

LANDOLT
40.804.21
21 cm/8¼"



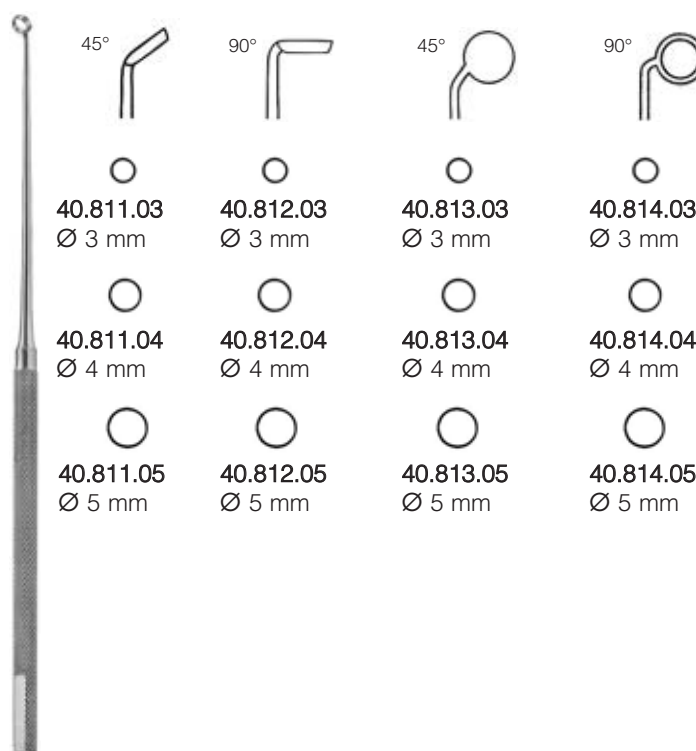
Lamina-Meißel
Lamina chisel
Ciseau burin pour les lames de l'arc vertébral
Cinzel para lámina
Scalpello per lamina



PAPAVERO
40.803.22
22 cm/8¾"



RAY
40.810.04
 19 cm/7½"



RAY
 19 cm/7½"

Hypophysenküretten
 Pituitary curettes
 Curettes à hypophyse
 Curetas para hipófisis
 Curetta per ipofisix

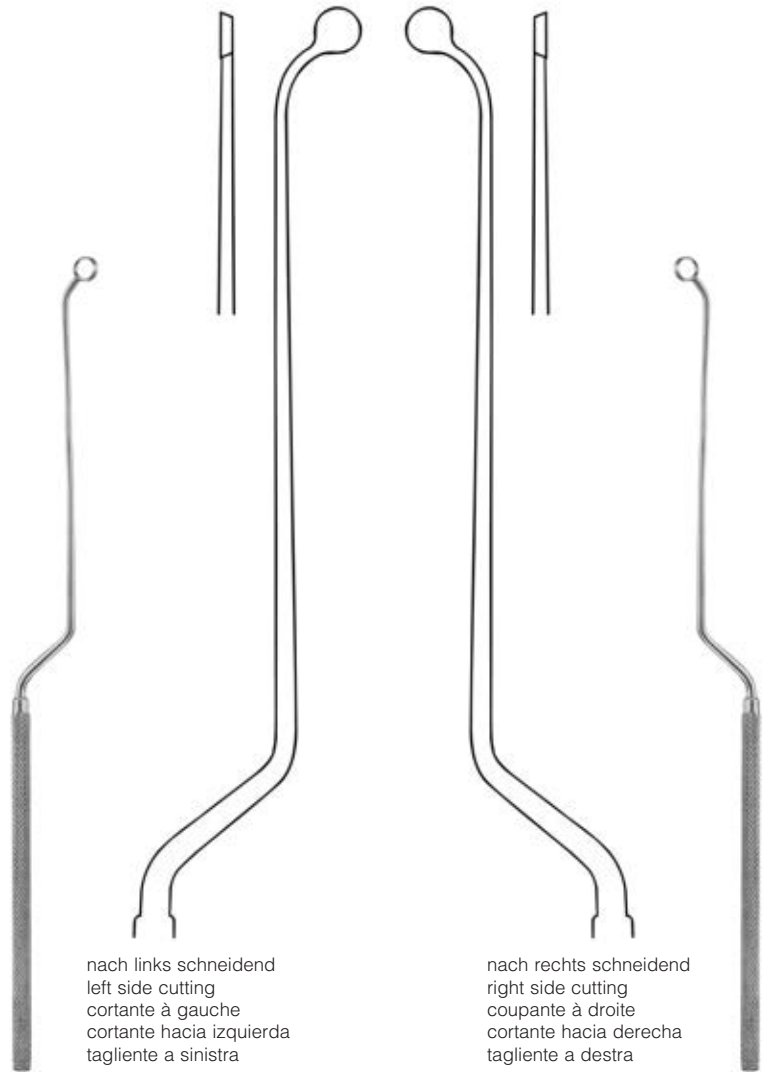
Hypophysenküretten, biegsam
 Pituitary curettes, malleable
 Curettes à hypophyse, flexibles
 Curetas para hipófisis, maleables
 Curette per ipofisi, malleabile



HARDY
 26 cm/10¼" **40.815.04**
 Ø 4 mm

40.815.06
 Ø 6 mm

Küretten, biegsam
 Curettes, malleable
 Curettes, flexibles
 Curetas, maleables
 Curette, malleabile



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

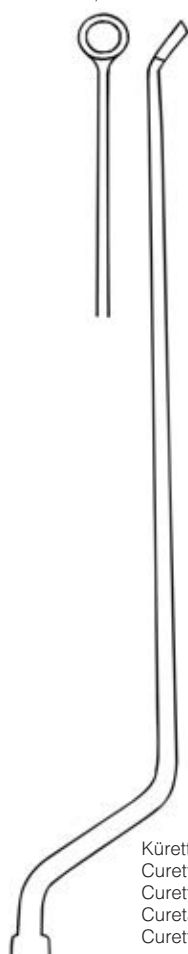
nach rechts schneidend
 right side cutting
 coupante à droite
 cortante hacia derecha
 tagliente a destra

NICOLA
40.817.65
 26 cm/10¼" Ø 6,5 mm

NICOLA
40.819.65
 26 cm/10¼" Ø 6,5 mm

Küretten
 Curettes
 Curettes
 Curetas
 Curette

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"



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"

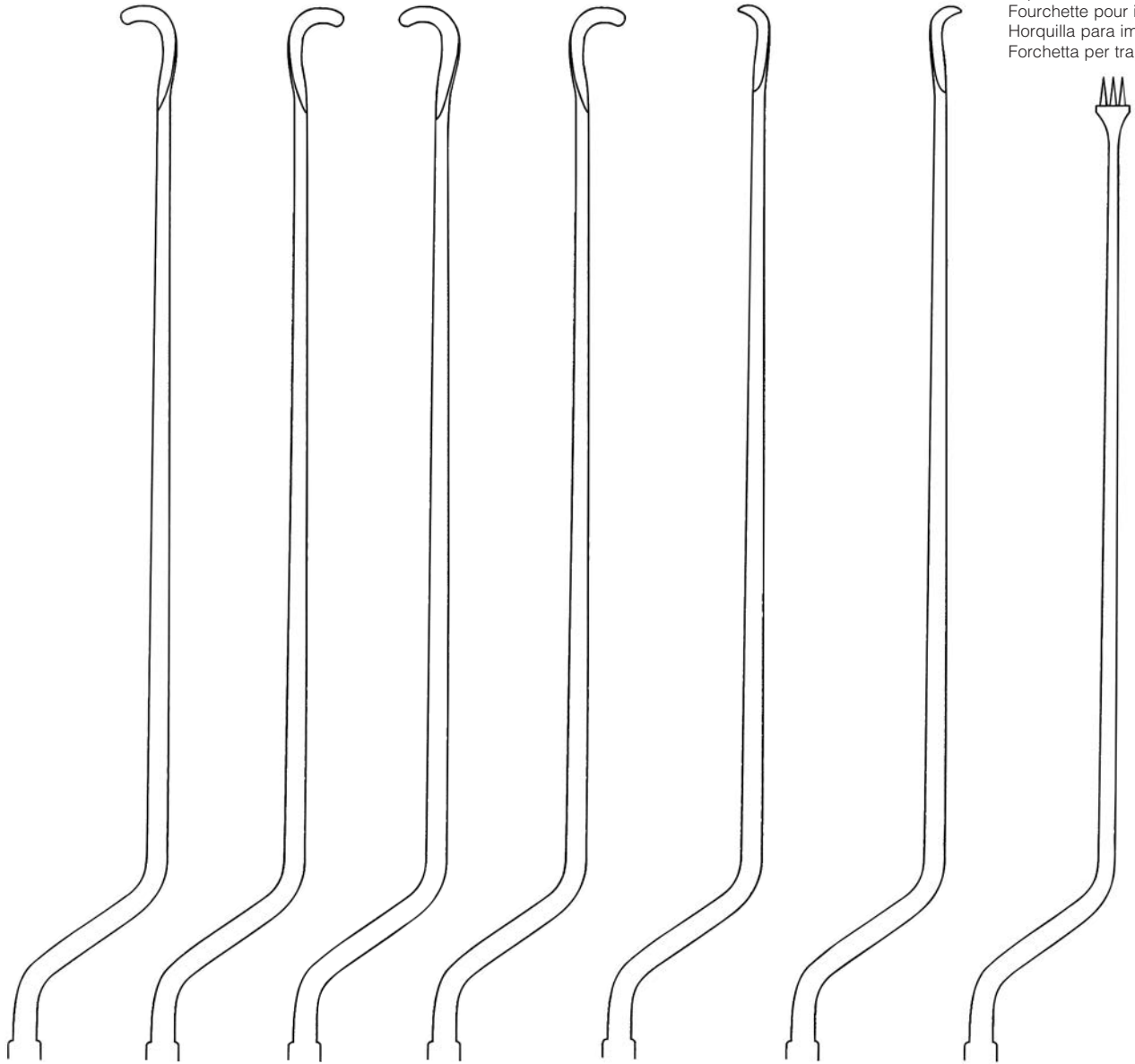
3 mm	40.825.03
4 mm	40.825.04
6 mm	40.825.06
7 mm	40.825.07
8 mm	40.825.08
9 mm	40.825.09

Hypophysektomie-Instrumente
 Hypophysectomy instruments
 Instruments pour l'hypophysectomie
 Instrumentos para hipofisectomía
 Strumenti per ipofisectomia

Enukleatoren, stumpf
 Enucleators, blunt
 Enucleateurs, mousés
 Enucleadores, romos
 Enucleatore, 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

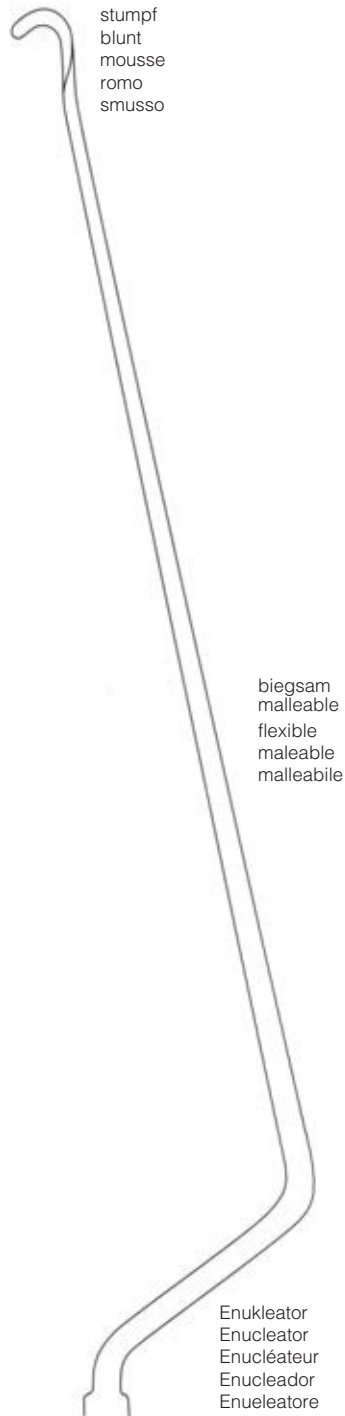
HARDY-FAHLBUSCH
 40.832.01

40.832.02

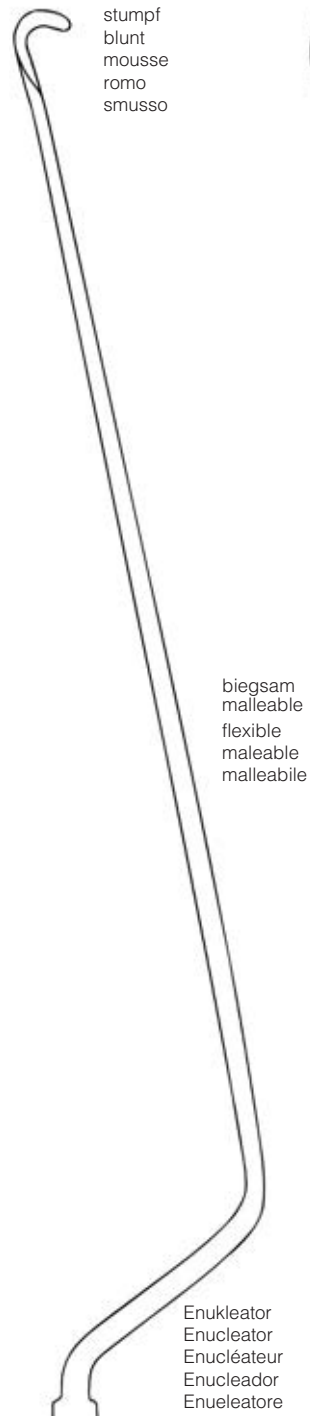
40.831.04



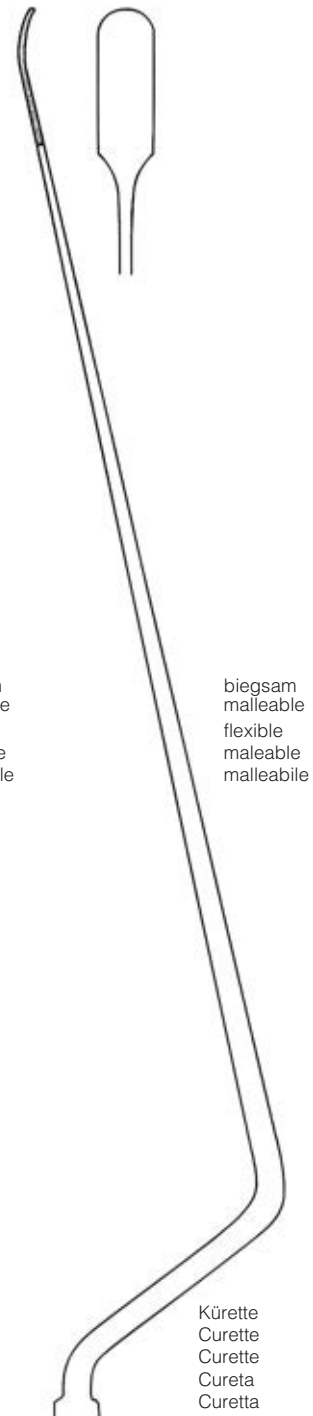
LANDOLT
 26 cm/10¼"



40.835.00



40.835.01



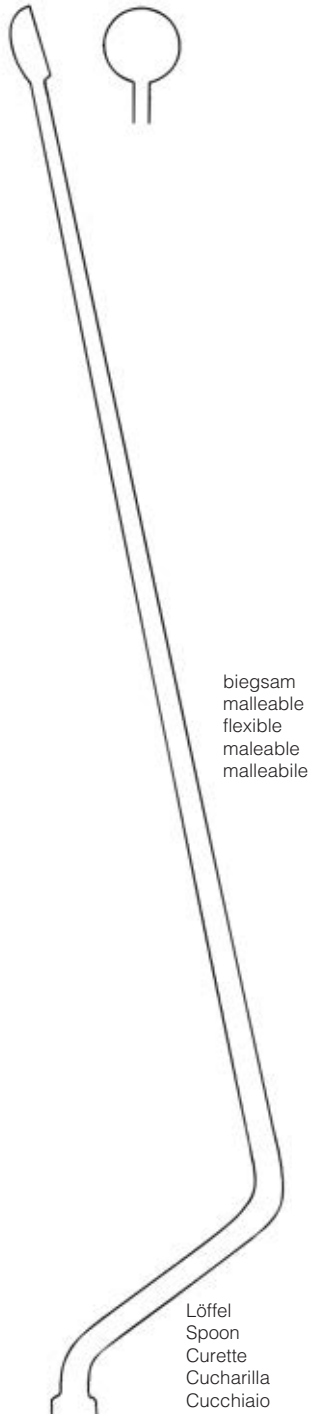
40.835.02

Hypophysektomie-Instrumente

Hypophysectomy instruments
Instruments pour l'hypophysectomie
Instrumentos para hipofisectomía
Strumenti per ipofisectomia

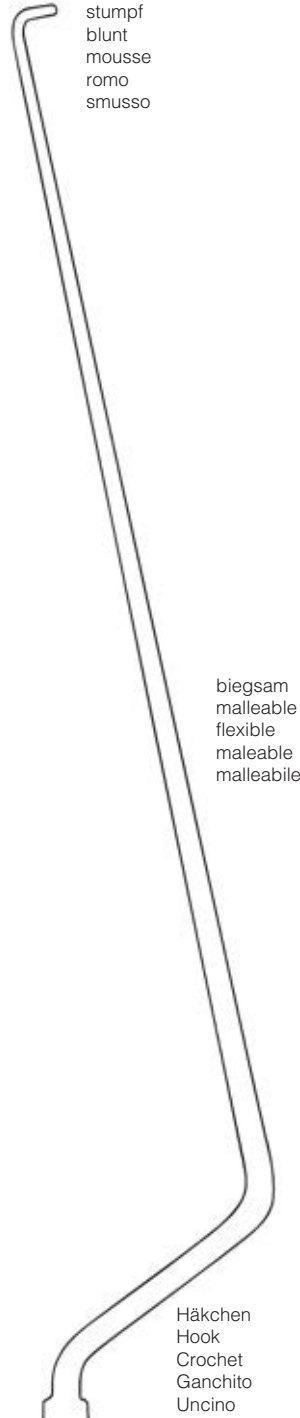


LANDOLT
26 cm/10 1/4"



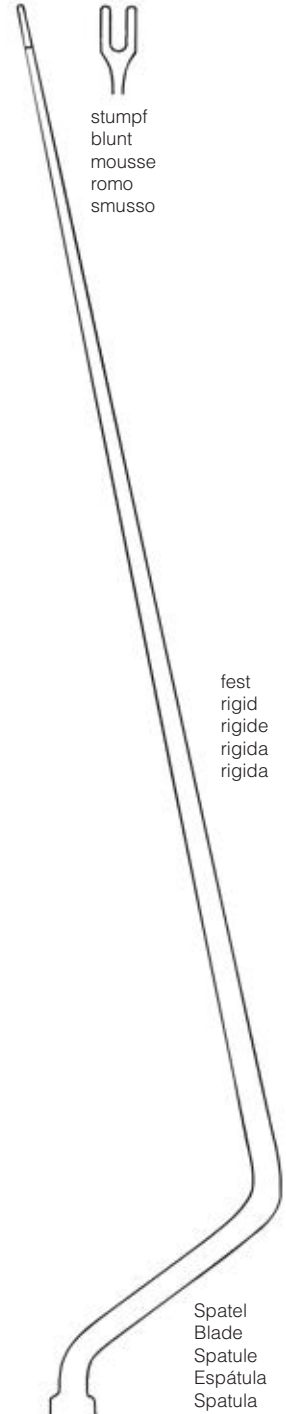
40.835.03

Löffel
Spoon
Curette
Cucharilla
Cucchiaio



40.835.04

Häkchen
Hook
Crochet
Ganchito
Uncino



HOSOBUCHI
40.836.00

Spatel
Blade
Spatule
Espátula
Spatula



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

Hypophysenküretten
 Pituitary curettes
 Curettes à hypophyse
 Curetas para hipófisis
 Curette per ipofisi

Küretten
 Curettes
 Curettes
 Curetas
 Curette

Küretten
 Curettes
 Curettes
 Curetas
 Curette



aufgewinkelt
 angled up
 vers le haut
 hacia arriba
 verso l'alto



abgewinkelt
 angled down
 vers le bas
 hacia baja
 verso il basso



45°
 rechts gebogen
 curved right
 courbé à droite
 curvada a la derecha
 curvo destro



90°
 links gebogen
 curved left
 courbé à gauche
 curvada a la izquierda
 curvo sinistro

HARDY
 24 cm/9½"

3 mm	40.850.03
5 mm	40.850.05

HARDY
 24 cm/9½"

3 mm	40.851.03
5 mm	40.851.05

HARDY
 24 cm/9½"

3 mm	40.852.03
5 mm	40.852.05

HARDY
 24 cm/9½"

3 mm	40.853.03
5 mm	40.853.05

Küretten
 Currettes
 Curettes
 Curetas
 Curette

Mikro-Dissektoren
 Micro dissectors
 Micro dissecteurs
 Micro disectores
 Micro dissectori

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"

Hypophysektomie-Instrumente

Hypophysectomy instruments
Instruments pour l'hypophysectomie
Instrumentos para hipofisectomía
Strumenti per ipofisectomia

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 retrospective inspection
Micro miroir, mobile, pour retrospective inspection
Micro espejo, móvil, de inspección retrospective
Micro-specchio, mobili, per l'ispezione retrospective

6 mm



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"



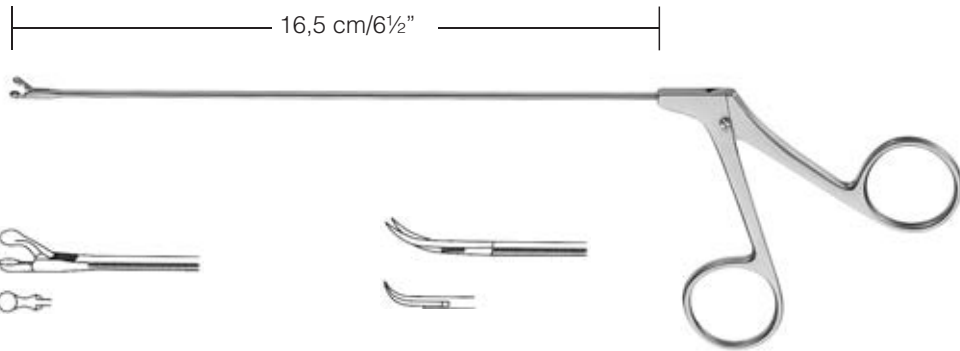
LANDOLT
40.875.22
21,5 cm/8½"



HARDY
40.876.21
21 cm/8¼"

Hypophysektomie-Instrumente

Hypophysectomy instruments
 Instruments pour l'hypophysectomie
 Instrumentos para hipofisectomía
 Strumenti per ipofisectomia



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



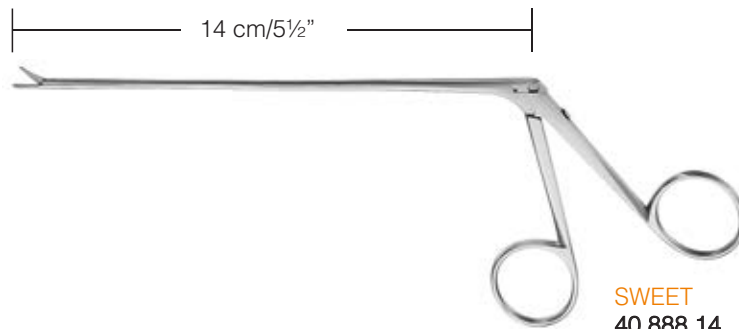
YASARGIL-NICOLA
40.886.16

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
 Pincés pour coagulation, bipolaires
 Pinzas de coagulación, bipolares
 Pinze per coagulazione, bipolari



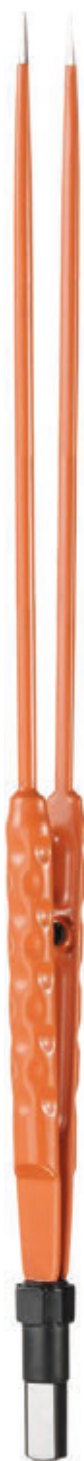
90.316.03	155 mm	0,3 mm
90.316.06	155 mm	0,6 mm
90.316.01	155 mm	1,0 mm
90.316.02	155 mm	2,0 mm



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
Pincas 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



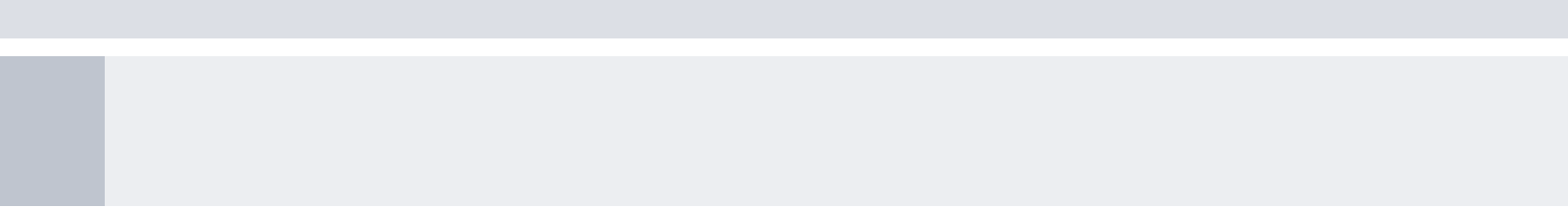
90.331.03	180 mm	0,3 mm
90.331.06	180 mm	0,6 mm
90.331.01	180 mm	1,0 mm
90.331.02	180 mm	2,0 mm



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



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◆ CONTAINER

CONTAINERS

CONTAINER

CONTENEDORES

CONTAINER

Container

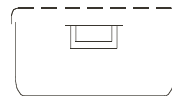
Containers
Container
Contenedores
Container

Aluminium
Aluminium
Aluminium
Aluminio
Alluminio



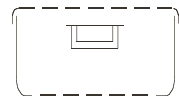
285 x 280 x 100 mm

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 inoxidable
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

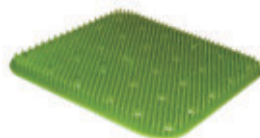
Siebboden
Separate floor
Fond du crible
Fondo de la cesta
Fondo di cestello



88.629.11

255 x 245 x 30 mm

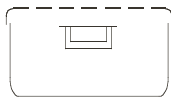
Silikon-Noppenmatte
Silicone mats
Tapis en silicone
Esterilla de silicona
Stuoia di silicone



88.695.21

245 x 245 mm

Deckel gelocht - Boden gelocht
Lid perforated - Bottom perforated
Couvercle perforé - Fond perforé
Tapa perforada - Fondo perforado
Coperchio forato - Fondo forato



Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inox

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
Sterilization cases with silicone cushioning stripes
Cassettes de stérilisation avec picots en silicone
Casetes de esterilización con bandas de silicona acolchada
Sterilizzazione dei cassette con imbottitura strisce di silicone

L x B x H

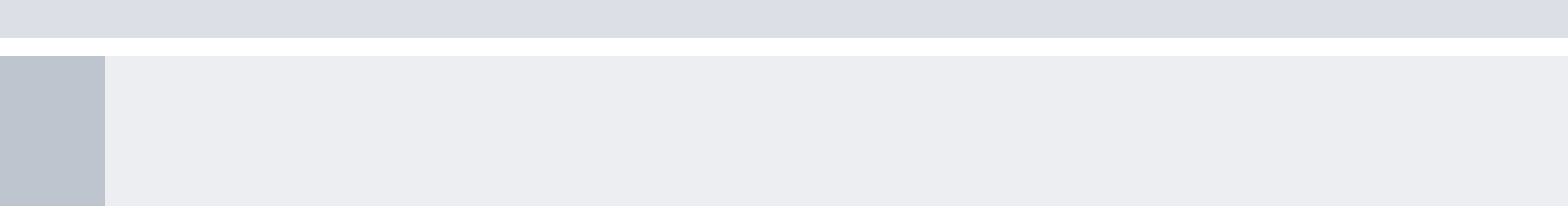
88.291.01	200 x 140 x 65 mm
88.291.02	400 x 100 x 65 mm
88.291.03	400 x 150 x 65 mm
88.291.04	280 x 195 x 65 mm
88.291.05	265 x 255 x 65 mm
88.291.06	370 x 190 x 65 mm
88.291.07	380 x 260 x 65 mm
88.291.08	430 x 230 x 65 mm
88.291.09	380 x 125 x 65 mm
88.291.10	470 x 250 x 65 mm

Sterilisierkassetten mit Silikon-Noppenstreifen und Zweifach-Lagerung
Sterilization cases with silicone cushioning stripes and dual storage
Cassettes 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

88.292.01	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

Sterilisierkassetten mit Silikon-Bank
Sterilization cases with silicone bench
Cassettes de stérilisation avec banc en silicone
Casetes de esterilización con banco de silicona
Sterilizzazione dei cassette con banco di silicone



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◆ INHALTSVERZEICHNIS

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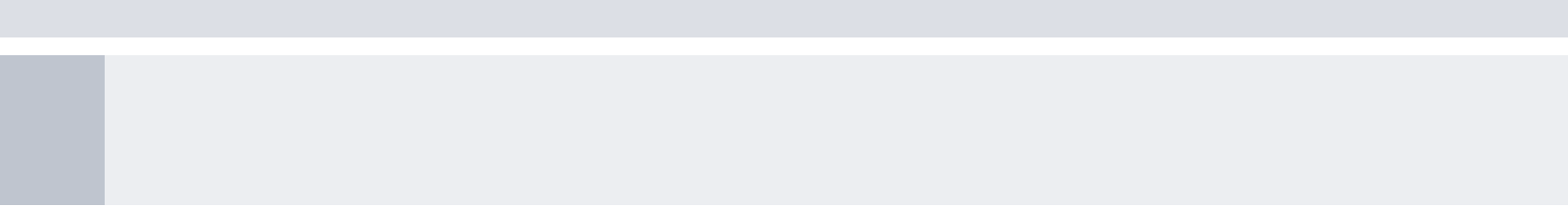
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		11.318.15.....	79	11.525.22.....	83	12.052.14.....	312	12.112.20.....	91
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		11.324.15.....	77	11.535.22.....	85	12.052.31.....	312	12.132.50.....	92
		11.324.20.....	77	11.578.15.....	86	12.052.32.....	312	12.133.30.....	92
		11.324.24.....	77	11.578.18.....	86	12.052.33.....	312	12.133.35.....	92
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		11.332.24.....	77	11.580.18.....	86	12.052.44.....	313	12.135.35.....	92
		11.332.30.....	77	11.580.21.....	86	12.052.45.....	313	12.135.40.....	92
		11.333.15.....	78	11.581.15.....	86	12.052.51.....	313	12.135.50.....	92
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		11.333.24.....	78	11.581.21.....	86	12.052.53.....	313	12.142.35.....	92
		11.333.30.....	78	11.582.15.....	86	12.052.54.....	313	12.142.40.....	92
		11.334.15.....	77	11.582.18.....	86	12.052.55.....	313	12.142.50.....	92
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		11.334.30.....	77	11.584.15.....	86	12.052.63.....	313	12.143.40.....	92
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		11.414.15.....	80	11.588.21.....	86	12.053.01.....	314	12.211.10.....	93
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		11.422.19.....	80	12.011.00.....	307	12.063.10.....	88	12.221.12.....	94
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		11.424.19.....	80	12.014.00.....	307	12.070.45.....	88	12.222.12.....	94
		11.424.24.....	80	12.016.00.....	309	12.070.50.....	88	12.223.10.....	94
		11.426.15.....	80	12.024.00.....	309	12.071.35.....	88	12.223.12.....	94
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		11.426.24.....	80	12.028.02.....	308	12.071.50.....	88	12.225.12.....	94
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		11.428.20.....	81	12.028.04.....	308	12.078.14.....	89	12.230.14.....	94
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12.233.12.....	94	18.170.19.....	256	18.672.16.....	113	18.718.55.....	131	18.738.55.....	137
12.234.12.....	94	18.170.25.....	256	18.676.22.....	113	18.718.60.....	130	18.738.60.....	137
12.235.12.....	94	18.170.30.....	256	18.678.20.....	113	18.718.60.....	131	18.738.65.....	137
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12.242.16.....	95	18.170.45.....	256	18.681.19.....	113	18.719.40.....	137	18.739.35.....	137
12.243.16.....	95	18.170.50.....	256	18.682.25.....	114	18.719.45.....	131	18.739.40.....	137
12.244.14.....	95	18.170.64.....	256	18.682.26.....	114	18.719.50.....	131	18.739.45.....	137
12.245.14.....	95	18.170.75.....	256	18.682.27.....	114	18.719.55.....	131	18.739.50.....	137
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12.251.14.....	95	18.173.09.....	256	18.683.27.....	114	18.719.60.....	131	18.739.60.....	137
12.252.14.....	95	18.173.13.....	256	18.684.13.....	115	18.719.60.....	137	18.739.65.....	137
12.253.14.....	95	18.173.16.....	256	18.684.16.....	115	18.720.00.....	128	18.739.70.....	137
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12.261.14.....	95	18.213.13.....	224	18.685.16.....	115	18.722.11.....	131	18.745.45.....	138
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12.264.16.....	96	18.214.18.....	224	18.685.26.....	115	18.724.00.....	129	18.745.60.....	138
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12.274.14.....	96	18.216.02.....	224	18.688.27.....	118	18.725.14.....	127	18.748.45.....	139
12.275.14.....	96	18.216.05.....	224	18.689.27.....	118	18.726.50.....	131	18.748.50.....	139
12.276.13.....	96	18.216.07.....	224	18.690.31.....	119	18.726.60.....	131	18.748.55.....	139
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12.347.14.....	97	18.342.02.....	106	18.694.13.....	123	18.732.40.....	132	18.753.30.....	140
12.348.14.....	98	18.342.03.....	106	18.694.16.....	123	18.732.40.....	133	18.753.32.....	140
12.354.15.....	97	18.342.04.....	106	18.694.20.....	123	18.732.45.....	133	18.753.34.....	140
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12.431.16.....	100	18.620.10.....	108	18.710.45.....	125	18.734.45.....	133	18.863.16.....	141
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		18.661.19.....	110	18.714.60.....	126	18.736.16.....	134	18.880.70.....	127
		18.667.13.....	110	18.714.61.....	126	18.736.16.....	135	18.881.50.....	127
		18.668.13.....	110	18.716.45.....	128	18.736.16.....	136	18.881.60.....	127
		18.669.13.....	110	18.716.45.....	129	18.736.18.....	136	18.881.70.....	127
		18.670.14.....	111	18.716.45.....	131	18.736.20.....	136	18.882.50.....	127
		18.670.16.....	111	18.716.50.....	131	18.737.00.....	135	18.882.60.....	127
		18.670.20.....	111	18.716.55.....	131	18.737.01.....	135	18.882.70.....	127
		18.670.25.....	112	18.716.60.....	131	18.737.01.....	136	18.883.50.....	127
		18.670.26.....	112	18.716.65.....	128	18.737.02.....	135	18.883.60.....	127
		18.671.14.....	111	18.716.65.....	129	18.738.00.....	137	18.883.70.....	127
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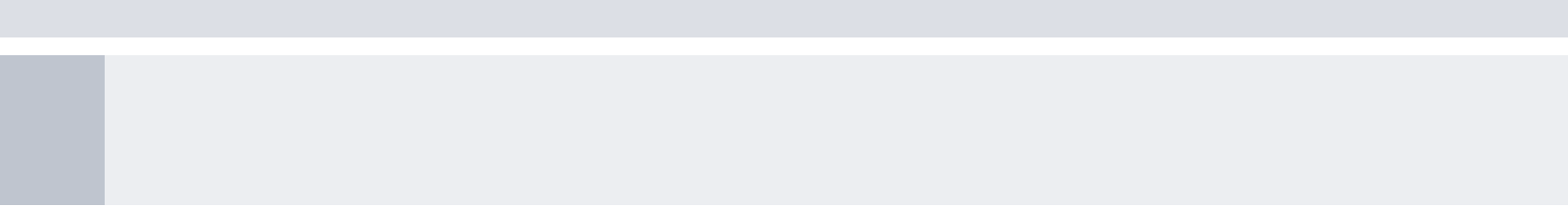
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40.565.75.....	290	40.580.36.....	296	40.731.00.....	287	40.734.66.....	291	40.774.19.....	304
40.566.11.....	292	40.582.31.....	296	40.731.02.....	288	40.734.72.....	288	40.774.21.....	304
40.566.12.....	292	40.582.32.....	296	40.731.03.....	288	40.734.73.....	288	40.774.22.....	304
40.566.13.....	292	40.584.36.....	296	40.731.06.....	287	40.735.25.....	289	40.774.23.....	304
40.566.14.....	292	40.584.37.....	296	40.731.07.....	287	40.735.26.....	289	40.775.50.....	302
40.566.16.....	292	40.584.38.....	296	40.731.10.....	288	40.735.35.....	289	40.775.51.....	302
40.566.17.....	292	40.584.39.....	296	40.731.11.....	288	40.735.36.....	289	40.775.52.....	302
40.567.10.....	311	40.690.30.....	296	40.731.14.....	287	40.735.41.....	295	40.775.53.....	302
40.567.12.....	311	40.690.31.....	296	40.731.15.....	287	40.735.42.....	295	40.775.60.....	302
40.567.20.....	311	40.692.35.....	296	40.731.19.....	288	40.735.45.....	289	40.775.61.....	302
40.567.22.....	311	40.692.36.....	296	40.731.20.....	288	40.735.46.....	289	40.775.62.....	302
40.567.40.....	311	40.693.35.....	298	40.731.30.....	288	40.735.49.....	291	40.775.63.....	302
40.567.46.....	311	40.693.36.....	298	40.731.31.....	288	40.735.50.....	291	40.775.70.....	302
40.567.50.....	311	40.693.43.....	298	40.731.33.....	287	40.735.51.....	289	40.775.71.....	302
40.567.52.....	311	40.693.44.....	298	40.731.34.....	287	40.735.52.....	295	40.775.72.....	302
40.567.54.....	311	40.694.31.....	296	40.731.37.....	291	40.735.55.....	289	40.775.73.....	302
40.568.14.....	292	40.694.32.....	296	40.731.38.....	291	40.735.56.....	295	40.775.80.....	302
40.568.15.....	292	40.694.35.....	296	40.731.40.....	299	40.735.57.....	295	40.775.81.....	302
40.568.17.....	292	40.694.36.....	296	40.731.41.....	299	40.735.59.....	295	40.775.82.....	302
40.568.18.....	292	40.694.37.....	296	40.731.45.....	298	40.735.70.....	295	40.775.83.....	302
40.568.19.....	292	40.694.38.....	296	40.731.46.....	298	40.735.71.....	295	40.775.91.....	302
40.568.20.....	292	40.694.40.....	296	40.731.47.....	291	40.736.56.....	295	40.775.92.....	302
40.570.30.....	296	40.694.41.....	296	40.731.48.....	291	40.736.57.....	295	40.775.93.....	302
40.570.31.....	296	40.694.70.....	298	40.731.50.....	288	40.736.58.....	295	40.776.18.....	304
40.571.00.....	293	40.694.71.....	298	40.731.51.....	288	40.736.59.....	295	40.776.20.....	304
40.571.01.....	293	40.695.35.....	298	40.731.55.....	287	40.737.56.....	295	40.777.00.....	302
40.571.33.....	298	40.695.36.....	298	40.731.56.....	287	40.737.57.....	295	40.777.01.....	302
40.571.34.....	298	40.695.40.....	298	40.731.57.....	288	40.737.58.....	295	40.777.02.....	302
40.571.55.....	293	40.695.41.....	298	40.731.58.....	288	40.737.59.....	295	40.777.03.....	302
40.571.56.....	293	40.695.43.....	298	40.731.60.....	287	40.737.62.....	295	40.777.10.....	302
40.571.78.....	293	40.695.44.....	298	40.731.61.....	287	40.737.63.....	295	40.777.11.....	302
40.571.79.....	293	40.695.70.....	298	40.731.62.....	287	40.737.78.....	295	40.777.12.....	302
40.572.03.....	293	40.695.71.....	298	40.731.63.....	287	40.737.79.....	295	40.777.13.....	302
40.572.04.....	293	40.695.74.....	298	40.731.65.....	287	40.739.56.....	295	40.777.20.....	302
40.572.30.....	296	40.695.75.....	298	40.731.66.....	287	40.739.57.....	295	40.777.21.....	302
40.572.31.....	296	40.696.70.....	298	40.731.68.....	287	40.739.62.....	295	40.777.23.....	302
40.573.30.....	298	40.696.71.....	298	40.731.69.....	287	40.739.63.....	295	40.778.18.....	304
40.573.31.....	298	40.697.13.....	296	40.731.70.....	287	40.740.58.....	295	40.780.19.....	303
40.573.33.....	298	40.697.14.....	296	40.731.71.....	287	40.740.59.....	295	40.780.21.....	303
40.573.34.....	298	40.697.33.....	298	40.731.74.....	287	40.742.98.....	284	40.780.40.....	284
40.573.65.....	291	40.697.34.....	298	40.731.75.....	287	40.745.58.....	295	40.780.41.....	284
40.573.66.....	291	40.697.44.....	298	40.731.78.....	287	40.745.59.....	295	40.780.54.....	285
40.573.72.....	291	40.697.45.....	298	40.731.79.....	287	40.747.58.....	295	40.780.55.....	285
40.573.73.....	291	40.697.46.....	298	40.731.80.....	288	40.747.59.....	295	40.780.56.....	285
40.573.74.....	293	40.697.47.....	298	40.731.81.....	288	40.751.58.....	294	40.780.57.....	285
40.573.75.....	293	40.697.57.....	298	40.731.82.....	288	40.751.59.....	294	40.781.88.....	294
40.573.78.....	288	40.697.58.....	298	40.731.83.....	288	40.753.91.....	287	40.781.89.....	294
40.573.79.....	288	40.698.30.....	296	40.731.84.....	288	40.753.92.....	287	40.785.56.....	294
40.573.84.....	291	40.698.31.....	296	40.731.85.....	288	40.755.58.....	294	40.785.57.....	294
40.573.85.....	291	40.698.60.....	296	40.731.87.....	287	40.755.59.....	294	40.785.58.....	294
40.573.96.....	291	40.698.61.....	296	40.731.88.....	287	40.757.58.....	294	40.785.59.....	294
40.573.97.....	291	40.698.65.....	297	40.731.90.....	288	40.757.59.....	294	40.785.70.....	294
40.574.36.....	298	40.698.66.....	297	40.731.91.....	288	40.760.92.....	284	40.785.71.....	294
40.574.37.....	298	40.698.70.....	296	40.731.92.....	287	40.760.93.....	284	40.786.56.....	294
40.574.38.....	298	40.698.71.....	296	40.731.93.....	287	40.763.11.....	287	40.786.57.....	294
40.574.39.....	298	40.710.40.....	296	40.731.99.....	287	40.763.12.....	287	40.786.58.....	294
40.574.49.....	291	40.710.41.....	296	40.732.54.....	287	40.766.40.....	296	40.786.59.....	294
40.574.50.....	291	40.712.38.....	296	40.732.55.....	287	40.766.41.....	296	40.787.56.....	294
40.574.74.....	293	40.712.39.....	296	40.732.58.....	287	40.770.90.....	284	40.787.57.....	294
40.574.75.....	293	40.715.40.....	296	40.732.59.....	287	40.770.91.....	284	40.787.62.....	294
40.575.40.....	298	40.715.41.....	296	40.732.62.....	287	40.771.02.....	303	40.787.63.....	294
40.575.41.....	298	40.721.58.....	294	40.732.63.....	287	40.771.04.....	303	40.787.78.....	294
40.575.55.....	293	40.721.59.....	294	40.732.70.....	288	40.771.11.....	303	40.787.79.....	294

40.788.62.....	294	40.824.07.....	321	40.920.81.....	285	46.303.06.....	282	88.292.05.....	339
40.788.63.....	294	40.824.08.....	321	40.920.84.....	285	46.304.01.....	282	88.292.06.....	339
40.789.56.....	294	40.824.09.....	321	40.920.85.....	285	46.304.02.....	282	88.292.07.....	339
40.789.57.....	294	40.825.03.....	321	40.920.87.....	284	46.305.01.....	282	88.292.08.....	339
40.790.07.....	300	40.825.04.....	321	40.920.88.....	284	46.305.02.....	282	88.292.09.....	339
40.790.09.....	300	40.825.06.....	321	40.920.92.....	284	46.311.10.....	282	88.292.10.....	339
40.790.11.....	300	40.825.07.....	321	40.920.93.....	284	46.311.25.....	282	88.620.01.....	338
40.790.17.....	300	40.825.08.....	321	40.920.99.....	284	46.311.40.....	282	88.621.01.....	338
40.790.19.....	300	40.825.09.....	321	40.922.60.....	284	46.315.20.....	282	88.629.01.....	338
40.790.21.....	300	40.830.00.....	328	40.922.61.....	284	46.410.04.....	202	88.629.02.....	338
40.791.07.....	300	40.831.00.....	322	40.922.68.....	284	46.410.05.....	202	88.629.03.....	338
40.791.09.....	300	40.831.01.....	322	40.922.69.....	284	46.415.18.....	203	88.629.04.....	338
40.791.11.....	300	40.831.02.....	322	40.922.76.....	284	46.416.18.....	203	88.629.11.....	338
40.791.17.....	300	40.831.03.....	322	40.922.79.....	285	46.417.19.....	203	88.695.21.....	338
40.791.19.....	300	40.831.04.....	322	40.922.80.....	285	46.419.19.....	203	88.765.02.....	315
40.791.21.....	300	40.832.01.....	322	40.922.87.....	285	46.421.23.....	204	88.765.03.....	315
40.792.07.....	301	40.832.02.....	322	40.922.88.....	285	46.426.18.....	204		
40.792.09.....	301	40.833.02.....	327	40.924.54.....	284	46.426.22.....	204	90	
40.792.11.....	301	40.834.02.....	327	40.924.55.....	284	46.436.20.....	202	90.316.01.....	332
40.792.17.....	301	40.835.00.....	323	40.924.56.....	284	46.440.01.....	202	90.316.02.....	332
40.792.19.....	301	40.835.01.....	323	40.924.57.....	284	46.440.02.....	202	90.316.03.....	332
40.792.21.....	301	40.835.02.....	323	40.924.58.....	284	46.454.04.....	187	90.316.06.....	332
40.793.07.....	301	40.835.03.....	324	40.924.59.....	284	46.454.07.....	187	90.317.01.....	334
40.793.09.....	301	40.835.04.....	324	40.924.61.....	284	46.454.09.....	187	90.317.02.....	334
40.793.11.....	301	40.836.00.....	324	40.924.62.....	284	46.454.12.....	187	90.317.03.....	334
40.793.17.....	301	40.840.20.....	325	40.924.63.....	284	46.522.01.....	206	90.317.06.....	334
40.793.19.....	301	40.841.25.....	325	40.924.64.....	284	46.522.03.....	206	90.330.01.....	332
40.793.21.....	301	40.843.22.....	325	40.924.65.....	284	46.522.05.....	206	90.330.02.....	332
40.794.07.....	300	40.843.32.....	325	40.924.66.....	284	46.522.07.....	206	90.330.03.....	332
40.794.09.....	300	40.845.25.....	325	40.924.75.....	285	46.522.09.....	206	90.330.06.....	332
40.794.11.....	300	40.847.17.....	325	40.924.76.....	285	46.581.14.....	70	90.331.01.....	335
40.794.17.....	300	40.849.20.....	325	40.924.79.....	285			90.331.02.....	335
40.794.19.....	300	40.850.03.....	326	40.924.80.....	285	48		90.331.03.....	335
40.794.21.....	300	40.850.05.....	326	40.924.82.....	285	48.626.08.....	187	90.331.06.....	335
40.795.07.....	300	40.851.03.....	326	40.924.83.....	285	48.626.11.....	187	90.332.01.....	333
40.795.09.....	300	40.851.05.....	326			56		90.332.02.....	333
40.795.11.....	300	40.852.03.....	326	42		56.131.26.....	213	90.332.03.....	333
40.795.17.....	300	40.852.05.....	326	42.810.10.....	69	56.137.27.....	213	90.332.06.....	333
40.795.19.....	300	40.853.03.....	326	42.811.10.....	69	56.262.16.....	130	90.344.01.....	333
40.795.21.....	300	40.853.05.....	326	42.813.10.....	69			90.344.02.....	333
40.796.07.....	301	40.854.05.....	327			64		90.344.03.....	333
40.796.09.....	301	40.855.05.....	327	44		64.110.15.....	101	90.344.06.....	333
40.796.11.....	301	40.856.24.....	328	44.075.00.....	4	64.110.19.....	101	90.352.01.....	332
40.796.17.....	301	40.857.25.....	13	44.101.03.....	264	64.110.25.....	101	90.352.02.....	332
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40.796.21.....	301	40.859.01.....	13	44.101.07.....	264	64.120.19.....	101	90.352.06.....	332
40.797.07.....	301	40.859.02.....	13	44.102.20.....	264	64.120.19.....	101	90.352.06.....	332
40.797.09.....	301	40.859.04.....	13	44.102.24.....	264	64.120.22.....	101	90.357.01.....	335
40.797.11.....	301	40.859.05.....	13	44.103.01.....	264	64.120.24.....	101	90.357.02.....	335
40.797.17.....	301	40.859.07.....	13	44.103.02.....	264	64.120.30.....	101	90.357.03.....	335
40.797.19.....	301	40.859.09.....	13	44.103.03.....	264	64.124.16.....	101	90.357.06.....	335
40.797.21.....	301	40.875.22.....	329	44.103.04.....	264	64.124.20.....	101	90.370.01.....	333
40.801.70.....	318	40.876.21.....	329	44.103.11.....	264	64.124.25.....	101	90.370.02.....	333
40.801.90.....	318	40.881.16.....	330	44.103.12.....	264	64.124.30.....	101	90.370.03.....	333
40.802.10.....	318	40.882.16.....	330	44.103.13.....	264			90.370.06.....	333
40.803.11.....	318	40.884.16.....	330	44.104.00.....	264	82		90.371.01.....	335
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40.803.22.....	318	40.892.14.....	330	44.105.20.....	264	82.905.22.....	204	90.371.06.....	335
40.804.21.....	318	40.893.14.....	330	44.105.22.....	264	82.910.09.....	204	90.372.01.....	334
40.805.70.....	318	40.895.14.....	330	44.105.24.....	264			90.372.02.....	334
40.805.80.....	318	40.920.00.....	284	44.206.14.....	70	88		90.372.03.....	334
40.805.90.....	318	40.920.10.....	284	44.206.15.....	70	88.290.01.....	339	90.372.06.....	334
40.810.04.....	319	40.920.11.....	284	44.206.16.....	70	88.290.02.....	339	90.382.01.....	334
40.811.03.....	319	40.920.19.....	285	44.206.18.....	70	88.290.03.....	339	90.382.02.....	334
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40.812.04.....	319	40.920.51.....	285	46.156.16.....	70	88.290.07.....	339		
40.812.05.....	319	40.920.52.....	285	46.158.18.....	70	88.290.08.....	339		
40.813.03.....	319	40.920.55.....	285	46.158.19.....	70	88.290.09.....	339		
40.813.04.....	319	40.920.56.....	285	46.175.02.....	281	88.290.10.....	339		
40.813.05.....	319	40.920.57.....	285	46.175.03.....	281	88.291.01.....	339		
40.814.03.....	319	40.920.58.....	285	46.175.04.....	281	88.291.02.....	339		
40.814.04.....	319	40.920.62.....	284	46.220.01.....	281	88.291.03.....	339		
40.814.05.....	319	40.920.63.....	284	46.220.02.....	281	88.291.04.....	339		
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40.815.06.....	320	40.920.71.....	284	46.221.01.....	281	88.291.06.....	339		
40.817.65.....	320	40.920.73.....	284	46.221.02.....	281	88.291.07.....	339		
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40.823.00.....	321	40.920.76.....	286	46.221.05.....	281	88.291.10.....	339		
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