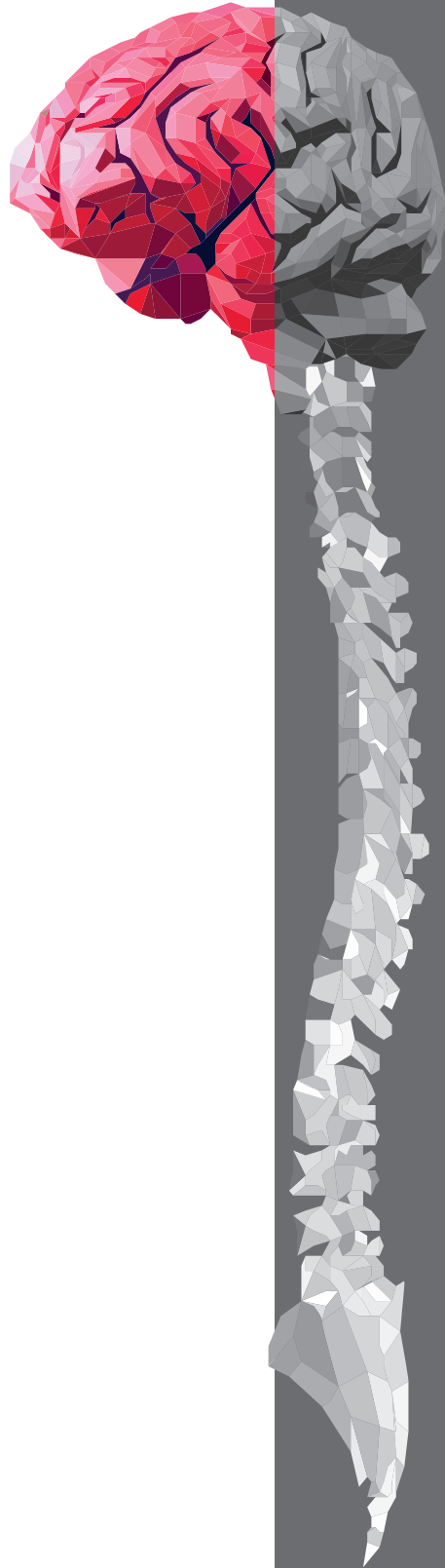


nopa[®] instruments



neurochirurgie
neurosurgery
neurocirugía
neurochirurgie
neurochirurgia

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Thorax, Herz und Gefäßchirurgie
Neurochirurgie
Ophthalmologie
Endoskopie
Arthroskopie
Container und Sterilisation
Dental und Oral
Podologie

>> Our product range

General Surgery
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Thoracic and cardiovascular surgery
Neurosurgery
Ophthalmology
Endoscopy
Arthroscopy
Container and sterilization
Dental and Oral
Podology

**>> Nuestra gama
de productos**

Cirugía general
Ginecología y Urología
Histeroscopia
Cistoscopia
ORL / cirugía plástica
Cirugía torácica y cardiovascular
Neurocirugía
Oftalmología
Endoscopia
Artroscopia
Contenedor y esterilización
Odontología y Oral
Podología

**>> Notre gamme
des produits**

Chirurgie générale
Gynécologie et Urologie
Hystérocopie
Cystoscopie
ORL / chirurgie plastique
Chirurgie thoracique et cardiovasculaire
Neurochirurgie
Ophtalmologie
Endoscopie
Arthroscopie
Conteneur et stérilisation
Dental et Oral
Podologie

**>> La nostra gamma
di prodotti**

Chirurgia generale
Ginecologia e Urologia
Isteroscopia
Cistoscopia
ORL / chirurgia plastica
Chirurgia toracica e cardiovascolare
Neurochirurgia
Oftalmologia
Endoscopia
Artroscopia
Contenitore e sterilizzazione
Odontoiatria e Orale
Podologia

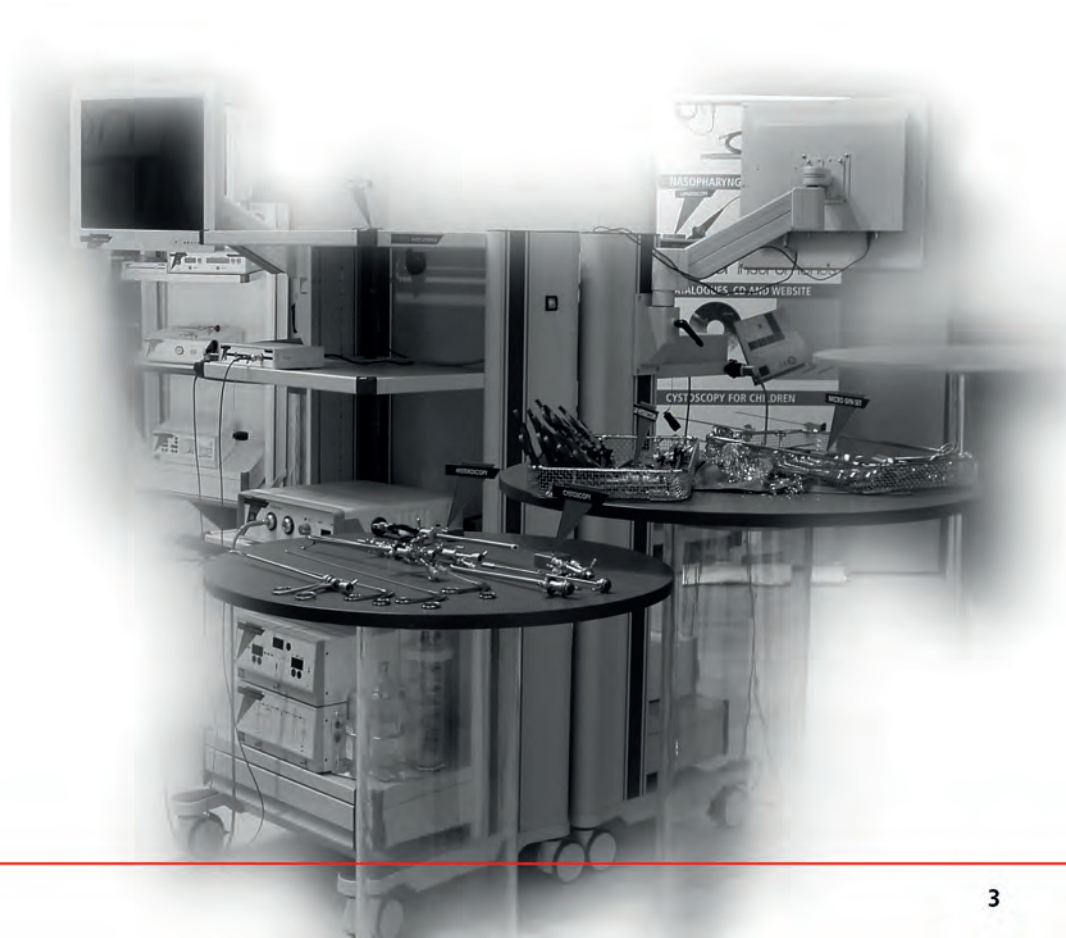
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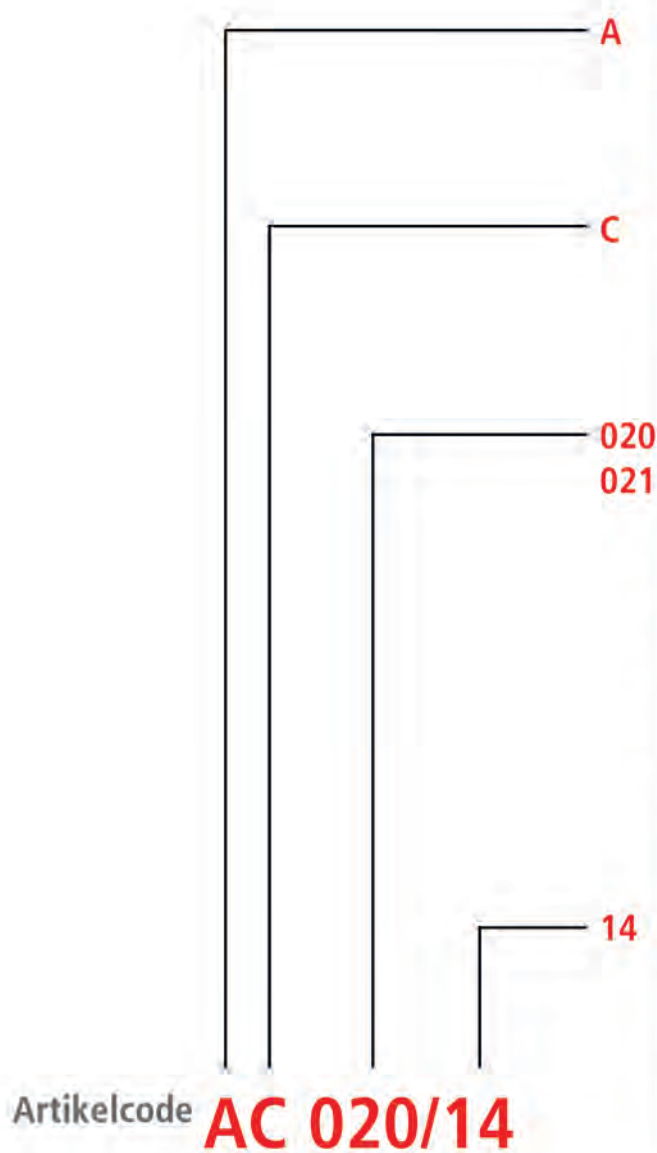
>>









**Allgemeines Instrumentarium**

General Instruments
Instrumental Général
Instruments Générales
Strumenti generali

Scheren

Scissors
Tijeras
Ciseaux
Forbici

Fortlaufende Nummern

Gerade Ziffer = gerades Instrument
Ungerade Ziffer = gebogenes Instrument

Continuous number

Even number = straight instrument
Odd number = curved instrument

Número de orden

números pares = instrumento derecho
números impares = instrumento curvado

Numéros d'ordre

numéro pair = instrument droit
numéro impair = instrument courbe

Numeri progressivamente

numero pari = strumento retto
numero dispari = strumento curvo

Länge oder Figur

Length or Figure
Longitud o figura
Longueur ou figure
Lunghezza o figura

INDEX

>> Klemmen >> Hemostats >> Pinzas hemostáticas >> Pincas hémostatiques >> Pinze emostatiche	7–10	AA
>> Pinzetten >> Forceps >> Pinzas >> Pincas >> Pinze	11–20	AB
>> Scheren >> Scissors >> Tijeras >> Ciseaux >> Forbici	21–34	AC
>> Naht >> Suture >> Sutura >> Sutur >> Sutura	35–42	AE
>> Wundhaken >> Retractors >> Separadores >> Ecarteurs >> Divaricatori	43–54	AK
>> Punktion/Kanülen >> Puncture/Special Needles >> Punción/Agujas especiales >> Punction/Aiguilles spéciales >> Puntura/Aghi speciali	55–56	AO
>> Diagnostik >> Diagnostics >> Diagnóstico >> Diagnostic >> Diagnostica	57–60	AR
>> Orthopädie >> Orhtopaedics >> Ortopedia >> Orthopédie >> Ortopedia	61–82	KA
>> Neurochirurgie >> Neurosurgery >> Neurocirugía >> Neurochirurgie >> Neurochirurgia	83–168	KS
>> Endoskopie >> Endoscopy >> Endoscopia >> Endoscopie >> Endoscopia	169–172	XR
>> Endoskopie >> Endoscopy >> Endoscopia >> Endoscopie >> Endoscopia	173–178	XT

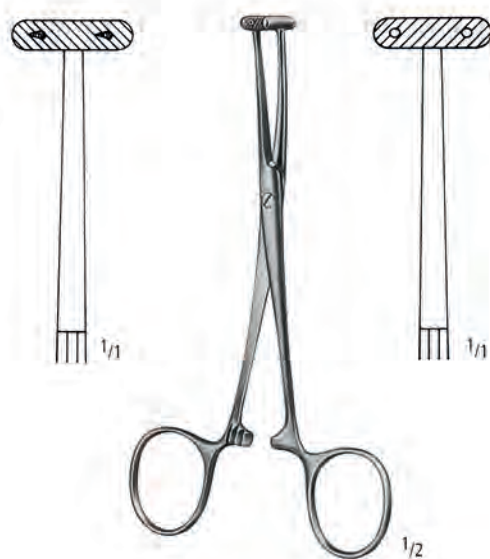
KLEMMEN
HEMOSTATS
PINZAS HEMOSTATICAS
PINCES HEMOSTATIQUES
PINZE EMOSTATICHE

AA

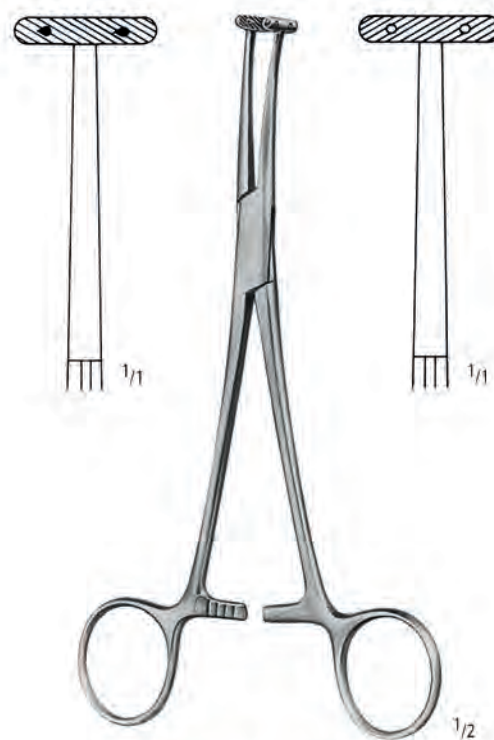
nopa[®] instruments



Kopfhautklemmen
Scalp Flap Forceps
Pinzas hemostáticas para pericráneo
Pincers hémostatiques pour le cuir chevelu
Pinze emostatiche per il cuoio capelluto

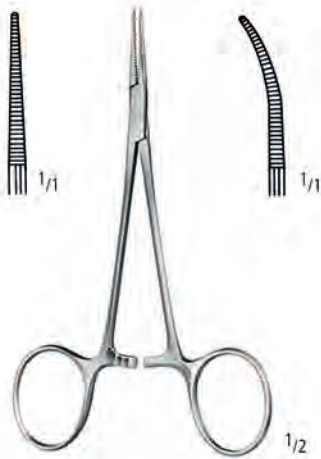


MARTEL
AA 078/14
14,0 cm/5 1/2"



WILLET-MARTEL
AA 078/19
19,0 cm/7 1/2"

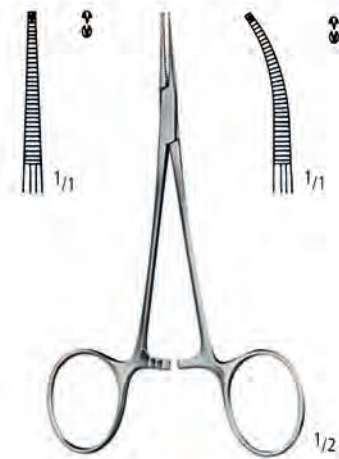
Feine Arterienklemmen
Fine Artery Forceps
Pinzas hemostáticas finas
Pincers hémostatiques fines
Pinze emostatiche fine



MICRO-MOSQUITO

AA 130/10 AA 131/10
AA 130/12 AA 131/12

10,0 cm/4"
12,0 cm/4³/₄"



MICRO-MOSQUITO 1:2

AA 132/10 AA 133/10
AA 132/12 AA 133/12



BABY-OVERHOLT

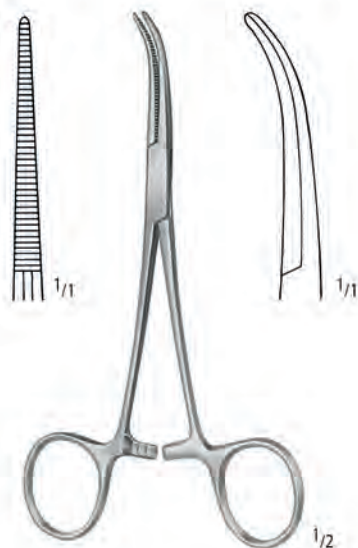
AA 225/13
13,5 cm/5¹/₄"



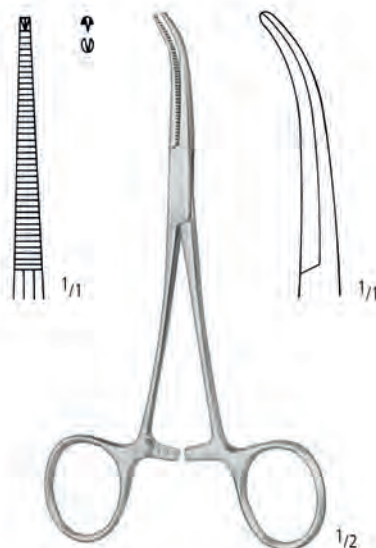
BABY-ADSON

AA 235/14
14,0 cm/5¹/₂"

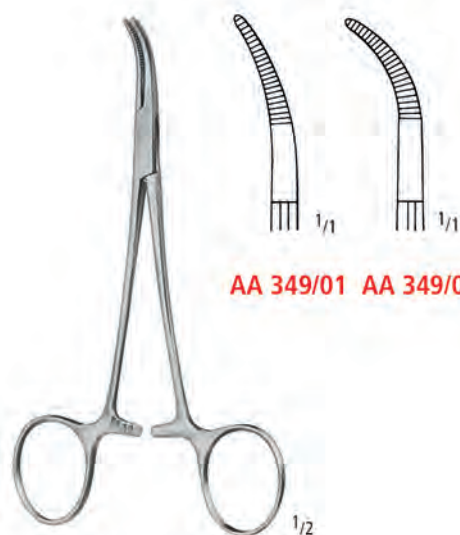
Präparierklemmen
Dissecting Forceps
Pinzas para preparaciones
Pincers à dissection
Pinze per preparazione



DANDY
AA 291/14
14,0 cm/5 1/2"



DANDY 1:2
AA 293/14
14,0 cm/5 1/2"



AA 349/01 AA 349/02

BABY-MIXTER
14,0 cm/5 1/2"



GEMINI



AA 365/14
14,0 cm/5 1/2"



AA 365/18
18,0 cm/7"



AA 365/22
22,0 cm/8 3/4"



AA 365/25
25,0 cm/10"



AA 365/28
28,0 cm/11"

Weitere Klemmen siehe Katalog A 7-51 und Gruppe KS.
For further hemostats see catalogue A 7-51 and section KS.
Para otras pinzas hemostáticas ver catálogo A 7-51 y sección KS.
D'autres pincers hémostatiques voir notre catalogue A 7-51 et groupe KS.
Per altre pinze emostatiche consultare il nostro catalogo A 7-51 e gruppo KS.

PINZETTEN
FORCEPS
PINZAS
PINCES
PINZE

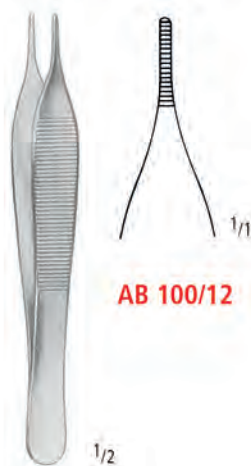
AB

nopa[®] instruments



AB PINZETTEN FORCEPS PINZAS PINCES PINZE

Anatomische Pinzetten, Chirurgische Pinzetten
Dressing Forceps, Tissue Forceps
Pinzas de disección, Pinzas de disección con dientes
Pincers à dissection, Pincers à griffes
Pinze anatomiche per dissezione, Pinze chirurgiche a denti di topo



AB 100/12



AB 102/12



AB 110/12



AB 112/12

12,0 cm/4³/₄"
15,0 cm/6"

ADSON
AB 100/12
AB 100/15

MICRO-ADSON
AB 102/12
AB 102/15

ADSON 1:2
AB 110/12
AB 110/15

MICRO-ADSON 1:2
AB 112/12
AB 112/15



7 : 7
AB 116/07

9 : 9
AB 116/09

ADSON-BROWN

12,0 cm/4³/₄"



9 : 9

ADSON-BROWN

AB 117/09
12,0 cm/4³/₄"

PINZETTEN FORCEPS PINZAS PINCES PINZE

Anatomische Pinzetten, Chirurgische Pinzetten
Dressing Forceps, Tissue Forceps
Pinzas de disección, Pinzas de disección con dientes
Pincers à dissection, Pincers à griffes
Pinze anatomiche per dissezione, Pinze chirurgiche a denti di topo



CUSHING
AB 180/17

17,5 cm/7"



CUSHING
AB 181/17



CUSHING 1:2
AB 190/17

17,5 cm/7"



CUSHING 1:2
AB 191/17

AA

AB

AC

AE

AM

AO

AR

KA

K5

XB

XT

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

Uhrmacherpinzetten
Jeweler's Forceps
Pinzas de relojero
Pinces d'horloger
Pinze da orologiaio



No. 1 **AB 501/01**
12,0 cm/4³/₄"



No. 2 **AB 501/02**
12,0 cm/4³/₄"



No. 3 **AB 501/03**
12,0 cm/4³/₄"



No. 4 **AB 501/04**
11,0 cm/4¹/₂"



No. 5 **AB 501/05**
11,0 cm/4¹/₂"



No. 5a **AB 501/15**
11,0 cm/4¹/₂"



No. 5/45° **AB 501/45**
10,5 cm/4"



No. 5/90° **AB 501/90**
10,5 cm/4"



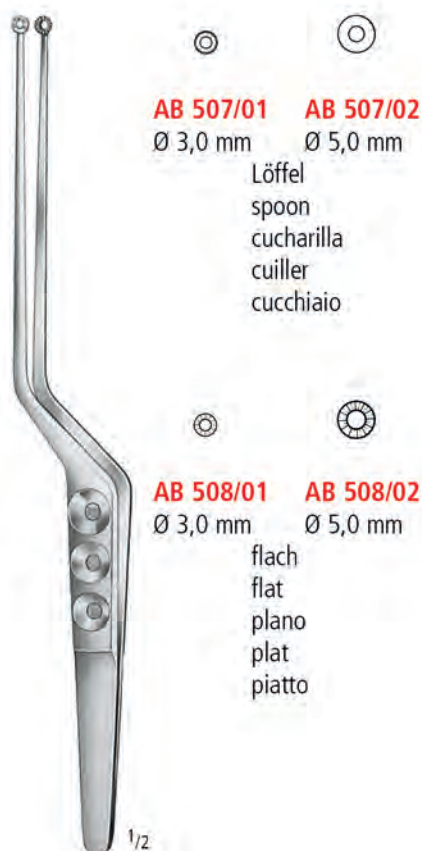
No. 7 **AB 502/07**
11,5 cm/4¹/₂"

PINZETTEN FORCEPS PINZAS PINCES PINZE

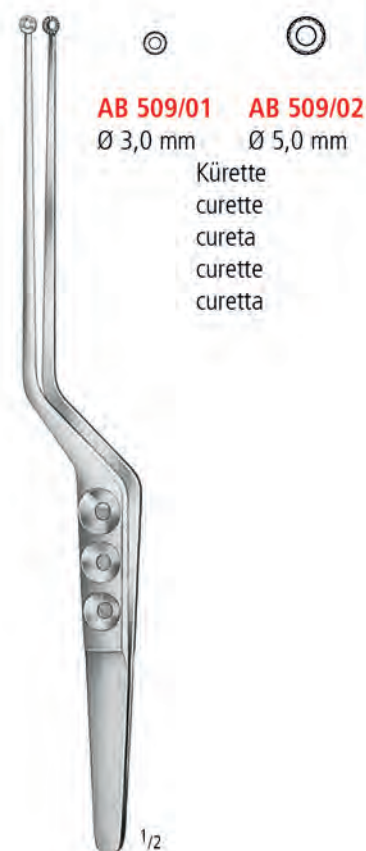
Fasspinzetten
Grasping Forceps
Pinzas para coger
Pinces pour saisir les tissus
Pinze per afferrare tessuti



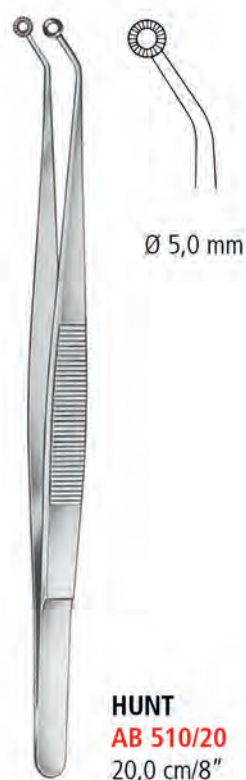
SAMII
24,0 cm/9 1/4"



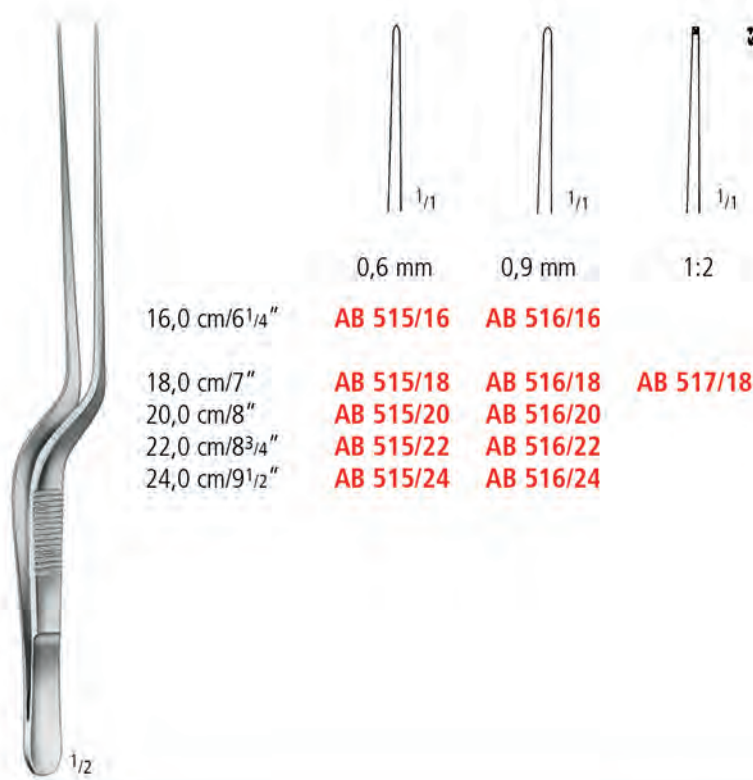
22,0 cm/8 3/4"



HEIFETZ
22,0 cm/8 3/4"



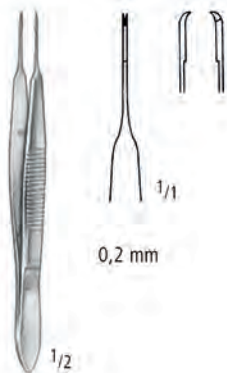
HUNT
AB 510/20
20,0 cm/8"



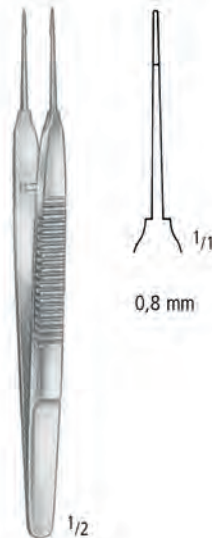
16,0 cm/6 1/4" **AB 515/16** **AB 516/16**
18,0 cm/7" **AB 515/18** **AB 516/18** **AB 517/18**
20,0 cm/8" **AB 515/20** **AB 516/20**
22,0 cm/8 3/4" **AB 515/22** **AB 516/22**
24,0 cm/9 1/2" **AB 515/24** **AB 516/24**

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

Mikro-Pinzetten, Knüpfpinzetten mit Plateau
Micro Forceps, Suture Tying Forceps with platform
Micro-Pinzas, Pinzas de ligadura con plataforma
Micro-Pinces, Pinces à ligature avec plate-forme
Micro-Pinze, Pinze per ligature con piattaforma



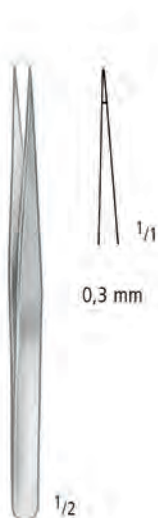
AB 530/09 1:2
9,5 cm/3³/₄"



AUSTIN
AB 532/14
14,0 cm/5¹/₂"



AUSTIN
AB 532/18
18,0 cm/7"



AB 534/12
12,0 cm/4³/₄"



VISE
AB 534/13
13,5 cm/5¹/₄"



VISE
AB 535/13
13,5 cm/5¹/₄"

PINZETTEN FORCEPS PINZAS PINCES PINZE

Mikro-Pinzetten, Knüpfpinzetten mit Plateau
 Micro Forceps, Suture Tying Forceps with platform
 Micro-Pinzas, Pinzas de ligadura con plataforma
 Micro-Pinces, Pinces à ligature avec plate-forme
 Micro-Pinze, Pinze per ligature con piattaforma



AB 536/14
 14,0 cm/5 1/2"



AB 538/14 1:2
 14,0 cm/5 1/2"



AB 540/14 1:2
 14,0 cm/5 1/2"

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

Mikro-Pinzetten
Micro Forceps
Micro-Pinzas
Micro-Pinces
Micro-Pinze



12,0 cm/4³/₄"
15,0 cm/6"

AB 542/12
AB 542/15



0,3 mm



0,3 mm

AB 543/12
AB 543/15



18,0 cm/7"



AB 544/18

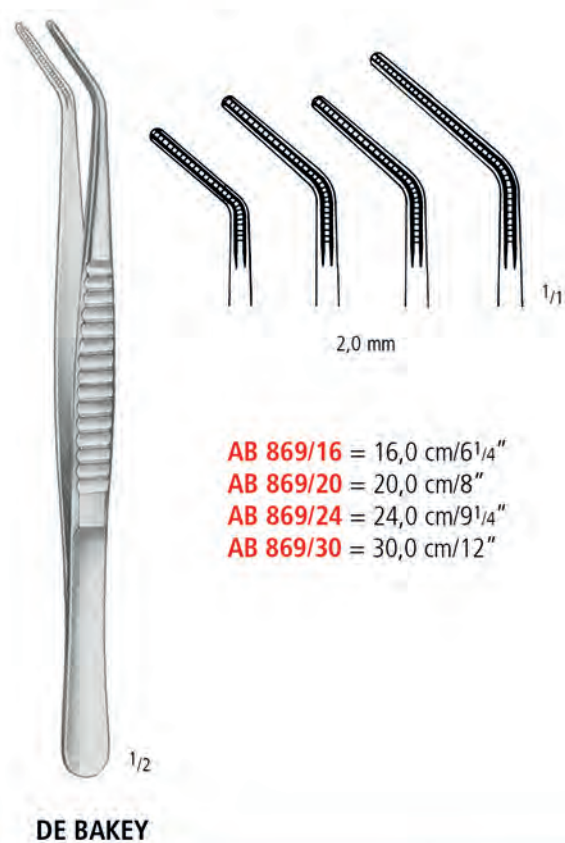
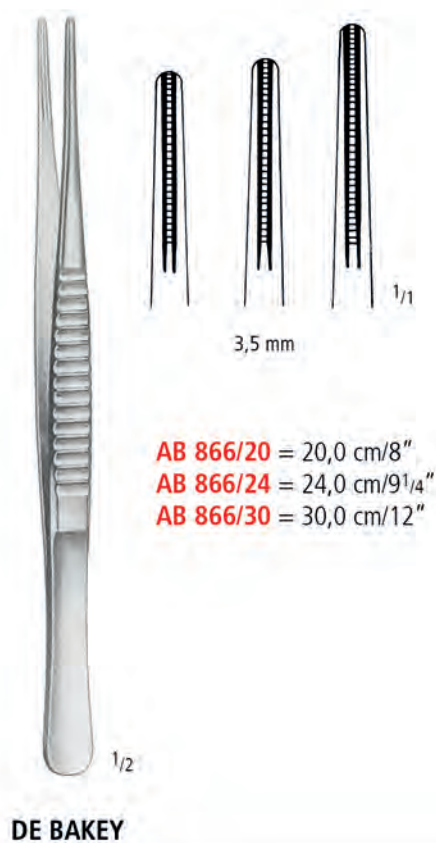
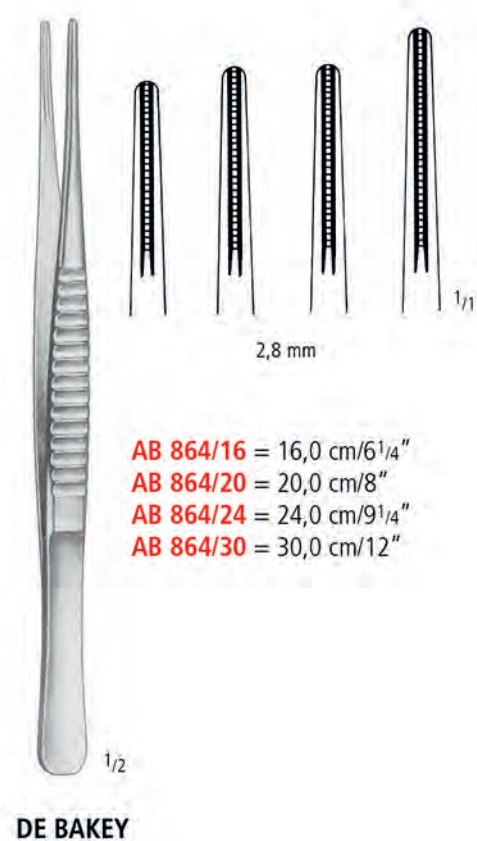
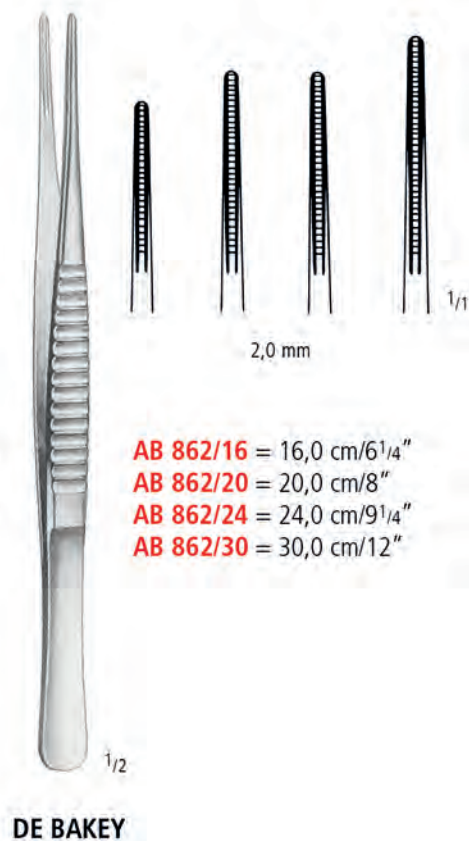
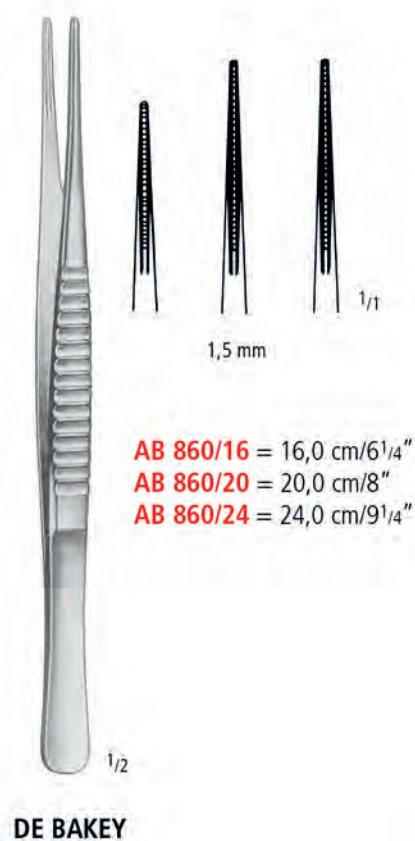


AB 545/18

Weitere Mikro-Pinzetten siehe Gruppe KS.
For further micro forceps see section KS.
Para otras micro-pinzas ver sección KS.
D'autres micro-pinces voir groupe KS.
Altre micro-pinze vedi gruppo KS.

PINZETTEN FORCEPS PINZAS PINCES PINZE

Atraumatische Pinzetten
Non-traumatic Vascular Tissue Forceps
Pinzas Atrauma
Pinces Atrauma
Pinze Atrauma



AB PINZETTEN FORCEPS PINZAS PINCES PINZE

Pinzetten mit Hartmetalleinsätzen
Dissecting Forceps with Tungsten Carbide Inserts
Pinzas de disección con bocas de carburo de tungsteno
Pincers à dissection avec mors en carbure de tungstène
Pinze per dissezione con punte di carburo di tungsteno

nopa®
TUE



ADSON



CUSHING
17,5 cm/7"



mit Dissektor-Ende
with dissector end
con cabo disecador
avec bout dissecteur
con dissettore



CUSHING-TAYLOR
AB 943/18
18,0 cm/7"

SCHEREN
SCISSORS
TIJERAS
CISEAUX
FORBICI

AC

nopa[®] instruments



AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Scheren für Neurochirurgie
Scissors for Neuro Surgery
Tijeras para neurocirugía
Ciseaux pour neurochirurgie
Forbici per neurochirurgia



AC 168/15

AC 169/15



15,0 cm/6"

Nerv-Präparierschere
Nerve dissecting scissors
Tijeras para nervios
Ciseaux pour nerfs
Forbici per nervi

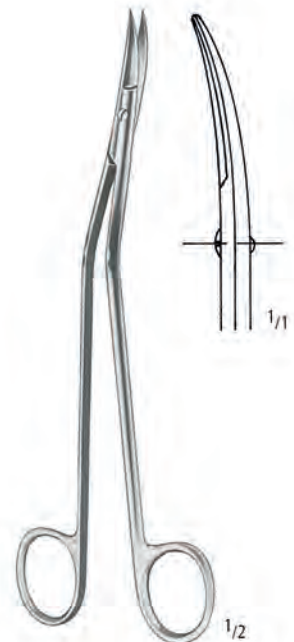


AC 231/22
22,0 cm/8³/₄"

STRULLY



AC 232/22
22,0 cm/8³/₄"



DANDY
AC 233/17
17,0 cm/6³/₄"



SCHMIEDEN-TAYLOR

14,5 cm/5¹/₂"
17,0 cm/6³/₄"

AC 241/15
AC 241/17



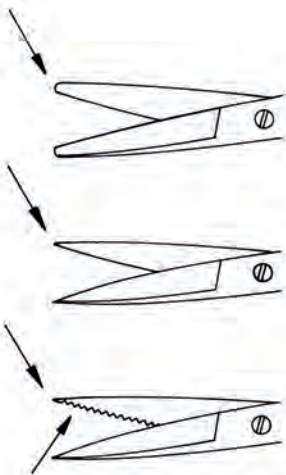
OLIVECRONA

AC 259/23
23,0 cm/9"

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici

- >> Alle unsere Mikroscheren werden von Fachkräften mit jahrelanger Erfahrung hergestellt. Die Endkontrolle findet unter dem Mikroskop statt. Um Ihnen ein ermüdungsfreies Arbeiten zu ermöglichen, wird dem Federdruck größte Aufmerksamkeit gewidmet.
- >> Bitte wählen Sie unter Rund- oder Flachgriffscheren.

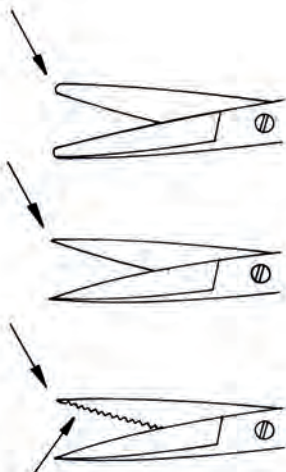


Dissection: **Gebogene Blätter, abgerundete Spitzen** ermöglichen eine gute und sichere Dissektion, ohne Nerven und Blutgefäße zu beschädigen.

Adventitia: **Gerade Blätter, sehr scharfe Spitzen** gewährleisten präzises Anfrischen von Gefäßenden.

Nerve: Ein Blatt ist **fein gezahnt**, um ein Herausgleiten des Nerven zu vermeiden.

- >> All our Micro Scissors are manufactured by skilled craftsmen with many years of experience. Final inspection is carried out under a microscope. Careful attention is paid to the closing pressure of the spring handle, to ensure precise work during surgeries, without fatigue.
- >> Round or flat handle scissors according to your preference.



Dissection: **Curved blades, slightly rounded tips** ensure safe dissection without damage to nerves and vessels.

Adventitia: **Straight blades, very sharp tips** for finest trimming of vessel ends.

Nerve: One blade is **fine-toothed** to avoid slipping of the nerve.

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



14,5 cm/5 1/2"



1/1

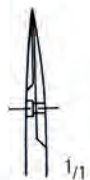


1/1

Dissection
AC 801/15



1/1

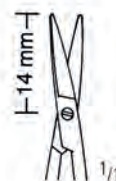


1/1

Adventitia
AC 803/15



18,0 cm/7"

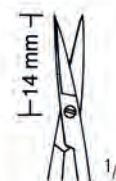


1/1

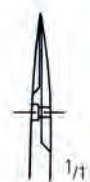


1/1

Dissection
AC 801/18



1/1



1/1

Adventitia
AC 803/18

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Mikro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



AC 807/14
14,5 cm/5 1/2"



AC 812/18
18,0 cm/7"



AC 817/18
18,0 cm/7"

AA

AB

AC

AE

AG

AO

AR

KA

K5

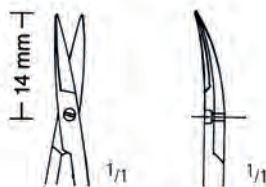
K8

XT

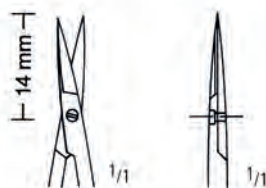
Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



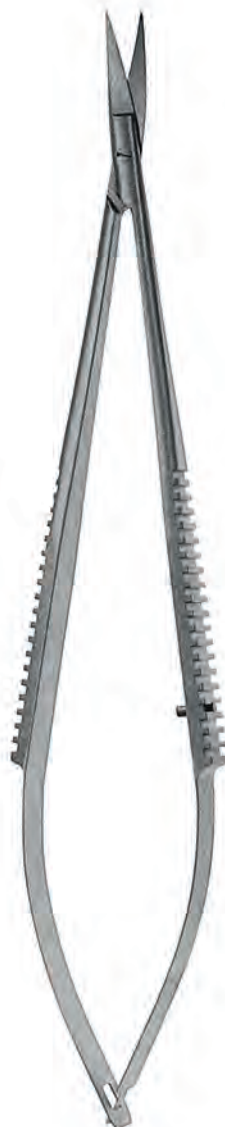
11,0 cm/4 1/2"



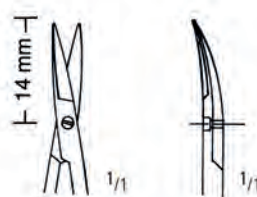
Dissection
AC 821/11



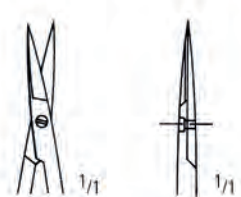
Adventitia
AC 830/11



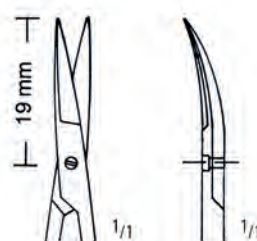
15,0 cm/6"



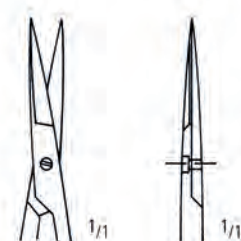
Dissection
AC 823/15



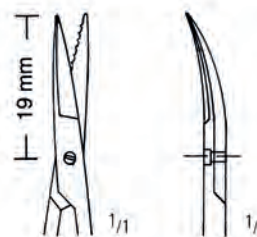
Adventitia
AC 832/15



Dissection
AC 825/15

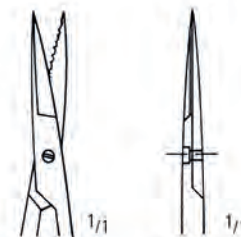


Adventitia
AC 834/15



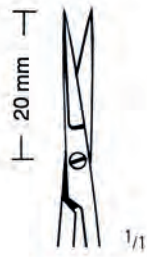
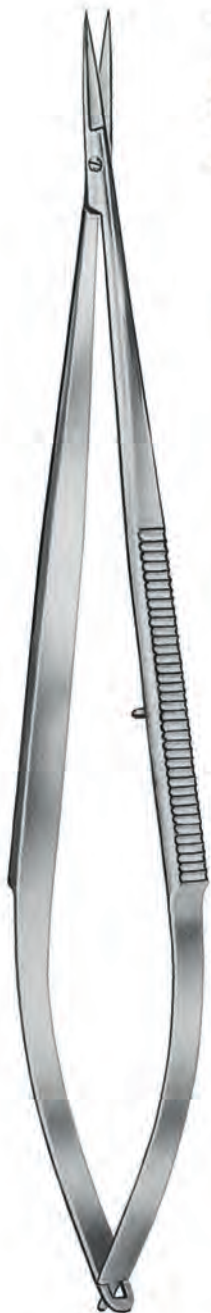
Dissection
AC 827/15

>> Nerve >> **Adventitia**
AC 836/15



SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



AC 850/19



AC 851/19

18,5 cm/7¹/₄"



AC 860/16
AC 860/20
AC 860/22



AC 861/16
AC 861/20
AC 861/22



AC 862/16
AC 862/20
AC 862/22



AC 863/16
AC 863/20
AC 863/22



AC 864/16
AC 864/20
AC 864/22



AC 865/16
AC 865/20
AC 865/22

16,0 cm/6¹/₄"
20,0 cm/8"
22,5 cm/9"

AC
AE
AK
AO
AR
KA
KS
RB
YT

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



18,0 cm/7"



AC 870/01
25°



AC 870/02
45°



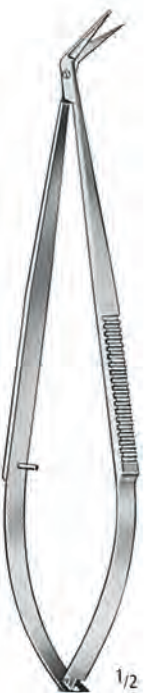
AC 870/03
60°



AC 870/04
90°



AC 870/05
125°



18,0 cm/7"



AC 871/01
25°



AC 871/02
45°



AC 871/03
60°



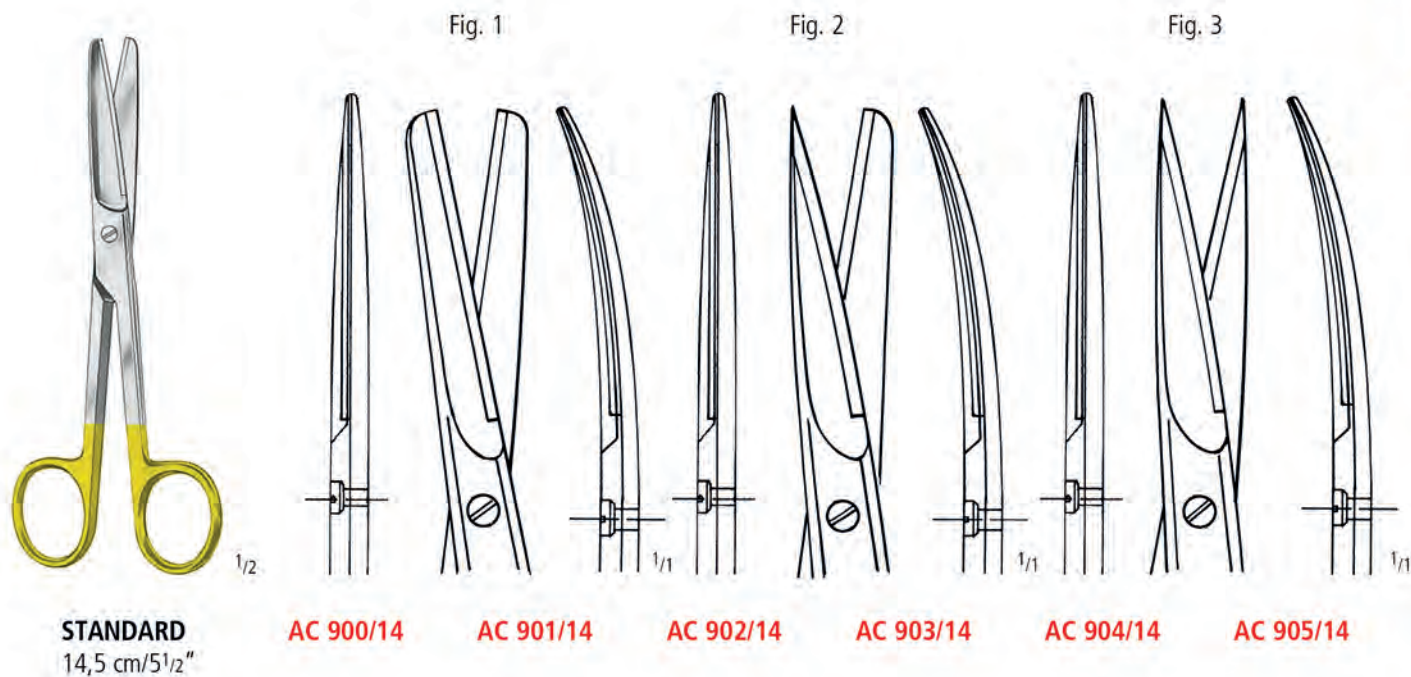
AC 871/04
90°



AC 871/05
125°

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Scheren mit Hartmetalleinlagen
Scissors with Tungsten Carbide Inserts
Tijeras con filos de carburo de tungsteno
Ciseaux avec plaquettes en carbure de tungstène
Forbici con taglio al carburo di tungsteno

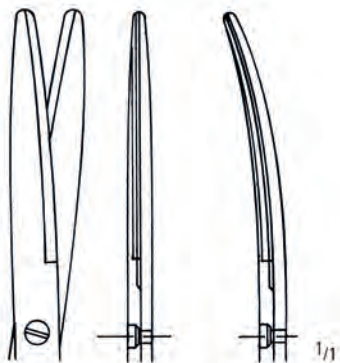


nopa[®]
TUC

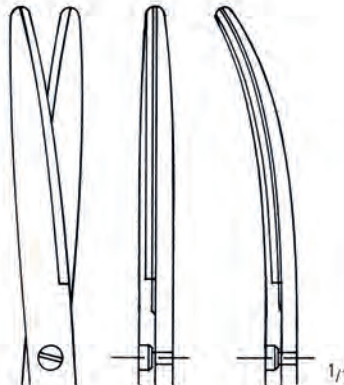


AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

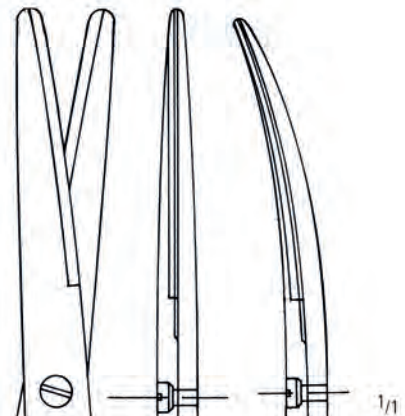
Scheren mit Hartmetalleinlagen
Scissors with Tungsten Carbide Inserts
Tijeras con filos de carburo de tungsteno
Ciseaux avec plaquettes en carbure de tungstène
Forbici con taglio al carburo di tungsteno



Original 18,0 cm



Original 20,0 cm



Original 23,0 cm



METZENBAUM

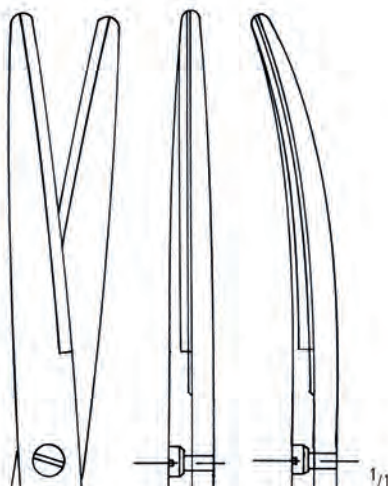


nopa®
TUE

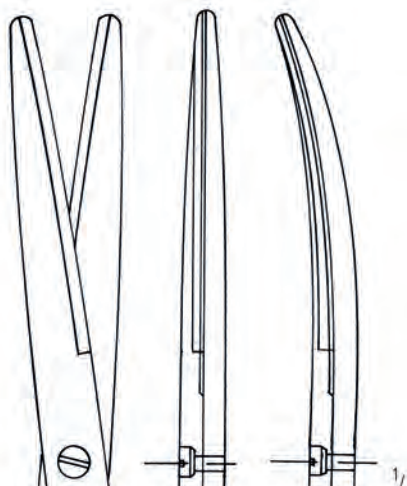
gerade
straight
rectas
droits
retta

gebogen
curved
curvas
courbes
curva

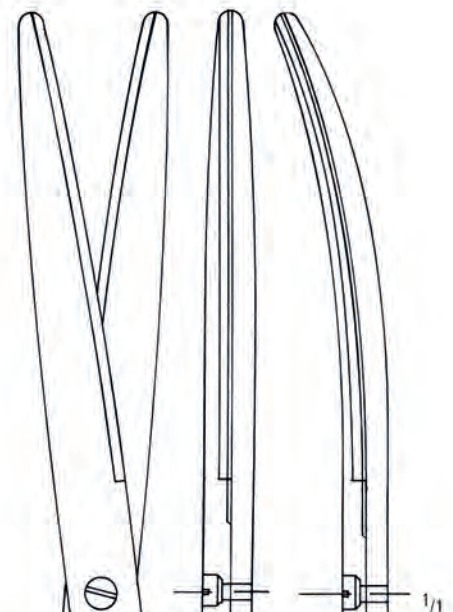
AC 940/18	18,0 cm/7"	AC 941/18
AC 940/20	20,0 cm/8"	AC 941/20
AC 940/23	23,0 cm/9"	AC 941/23
AC 940/25	25,0 cm/10"	AC 941/25
AC 940/28	28,0 cm/11"	AC 941/28
AC 940/30	30,0 cm/12"	AC 941/30



Original 25,0 cm



Original 28,0 cm



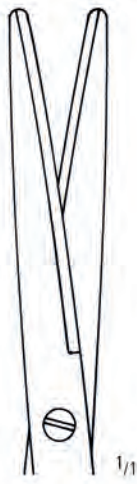
Original 30,0 cm

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Scheren mit Hartmetalleinlagen
Scissors with Tungsten Carbide Inserts
Tijeras con filos de carburo de tungsteno
Ciseaux avec plaquettes en carbure de tungstène
Forbici con taglio al carburo di tungsteno



LEXER
AC 952/16
16,0 cm/6¹/₄"

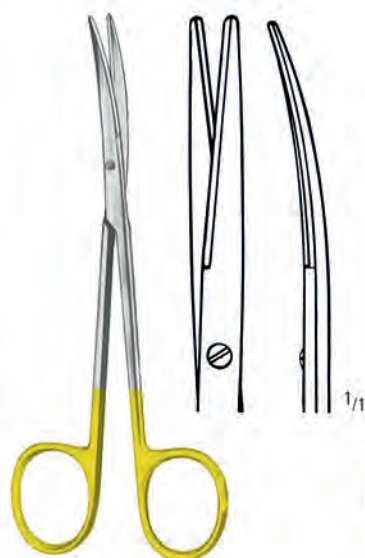


LEXER
AC 953/16
16,0 cm/6¹/₄"

nopa®
TUE



AC 960/14
14,5 cm/5¹/₂"



AC 961/14
14,5 cm/5¹/₂"



AC 962/14
14,5 cm/5¹/₂"

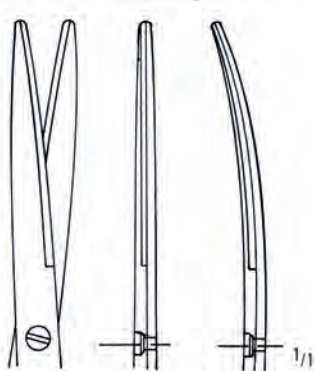


AC 963/14
14,5 cm/5¹/₂"

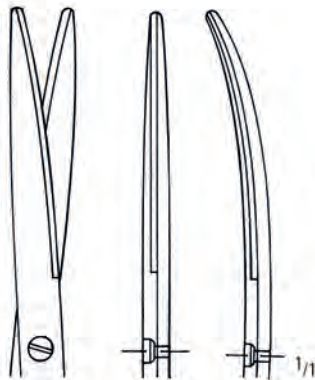
METZENBAUM-DELICATE

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

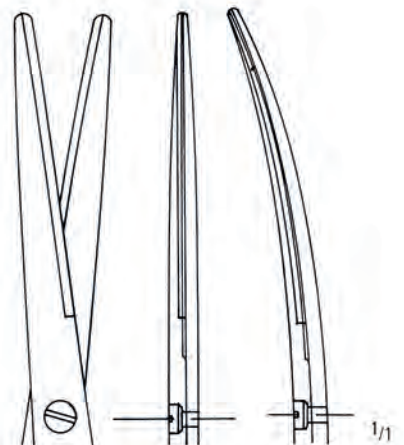
Scheren mit Hartmetalleinlagen
Scissors with Tungsten Carbide Inserts
Tijeras con filos de carburo de tungsteno
Ciseaux avec plaquettes en carbure de tungstène
Forbici con taglio al carburo di tungsteno



Original 18,0 cm



Original 20,0 cm



Original 23,0 cm



METZENBAUM-DELICATE

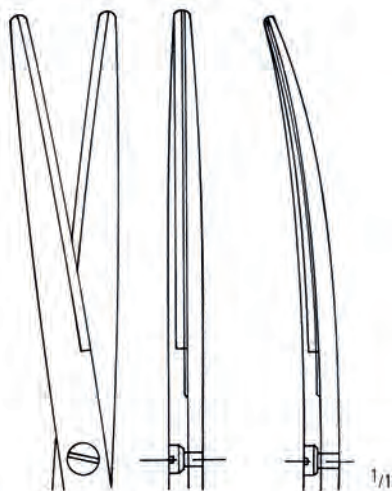


nopa®
TUE

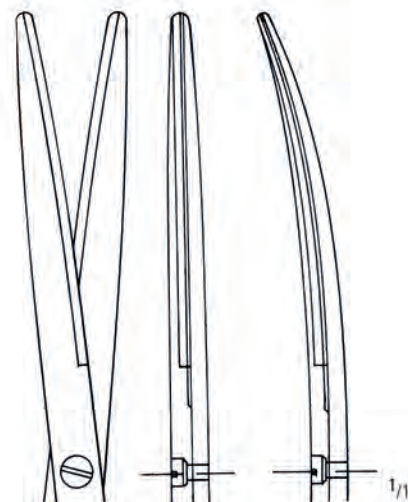
gerade
straight
rectas
droits
retta

gebogen
curved
curvas
courbes
curva

AC 970/18	18,0 cm/7"	AC 971/18
AC 970/20	20,0 cm/8"	AC 971/20
AC 970/23	23,0 cm/9"	AC 971/23
AC 970/25	25,0 cm/10"	AC 971/25
AC 970/28	28,0 cm/11"	AC 971/28



Original 25,0 cm



Original 28,0 cm

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

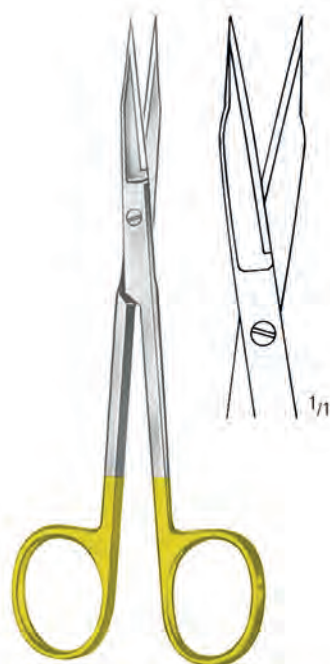
Scheren mit Hartmetalleinlagen
Scissors with Tungsten Carbide Inserts
Tijeras con filos de carburo de tungsteno
Ciseaux avec plaquettes en carbure de tungstène
Forbici con taglio al carburo di tungsteno



TOENNIS-ADSON-DELICATE

AC 977/17

17,5 cm/7"



GOLDMAN-FOX

AC 980/13

13,0 cm/5"



AC 981/13

13,0 cm/5"

nopa[®]
TUE

Weitere Scheren siehe Katalog A 98-157.
For further scissors see catalogue A 98-157.
Para otras tijeras ver catálogo A 98-157.
D'autres ciseaux voir notre catalogue A 98-157.
Altre forbici consultare il nostro catalogo A 98-157.



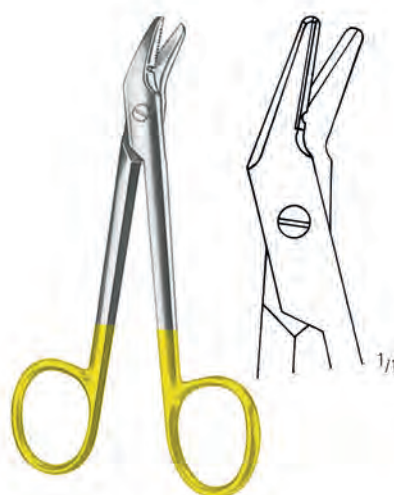
AC 984/11

11,5 cm/4 1/2"



AC 985/11

11,5 cm/4 1/2"



UNIVERSAL

AC 987/12

12,0 cm/4 3/4"



LISTER

AC 999/18

18,0 cm/7"

NAHT
SUTURE
SUTURA
SUTURE
SUTURA

AE

nopa[®] instruments



AE NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter mit Hartmetalleinsätzen
Needle Holders with Tungsten Carbide Inserts
Porta-agujas con bocas de carburo de tungsteno
Porte-aiguilles à mors en carbure de tungstène
Portaghi con placche di carburo di tungsteno



MAYO-HEGAR



AE 400/14
14,0 cm/5 1/2"



AE 400/16
16,0 cm/6 1/4"



AE 400/18
18,0 cm/7"



AE 400/20
20,0 cm/8"



AE 400/24
24,0 cm/9 1/2"



AE 400/26
26,0 cm/10 1/4"



AE 400/30
30,0 cm/12"

nopa®
TUE



DE BAKY
(MAYO-HEGAR-DELICATE)



AE 420/18
18,0 cm/7"



AE 420/20
20,0 cm/8"



AE 420/23
23,0 cm/9"



AE 420/26
26,0 cm/10 1/4"



AE 420/31
31,0 cm/12 1/4"

NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter mit Hartmetalleinsätzen
Needle Holders with Tungsten Carbide Inserts
Porta-agujas con bocas de carburo de tungsteno
Porte-aiguilles à mors en carbure de tungstène
Portaghi con placche di carburo di tungsteno



MICRO RYDER

AE 434/13
13,0 cm/5"

AE 434/15
15,0 cm/6"

AE 434/18
18,0 cm/7"

AE 434/20
20,0 cm/8"

AE 434/23
23,0 cm/9"

AE 434/26
26,0 cm/10¹/₄"

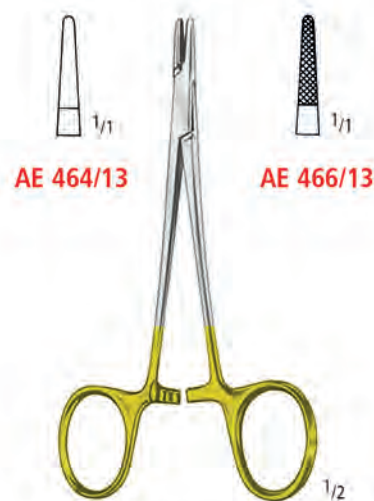
nopa®
TUE



CONVERSE
AE 452/12
12,5 cm/5"



NEIVERT
AE 456/13
13,0 cm/5"



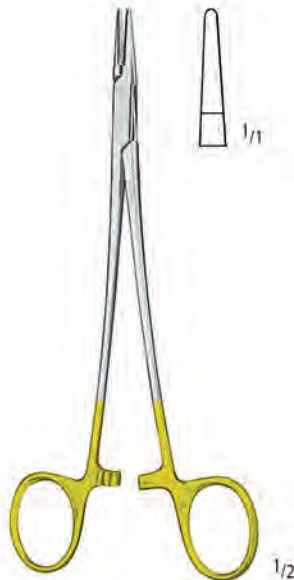
HALSEY
13,0 cm/5"

AE NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter mit Hartmetalleinsätzen
Needle Holders with Tungsten Carbide Inserts
Porta-agujas con bocas de carburo de tungsteno
Porte-aiguilles à mors en carbure de tungstène
Portaghi con placche di carburo di tungsteno



BABY-CRILE-WOOD
AE 468/15
15,0 cm/6"



CRILE-WOOD
AE 469/15
15,0 cm/6"



CRILE-WOOD
AE 470/15
15,0 cm/6"



CRILE-WOOD



AE 470/18
18,0 cm/7"



AE 470/20
20,0 cm/8"



AE 470/23
23,0 cm/9"



AE 471/18
18,0 cm/7"

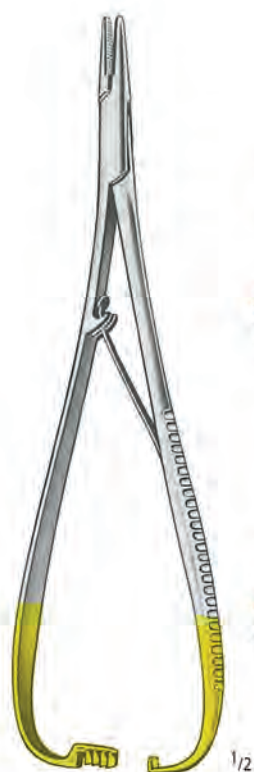


AE 471/23
23,0 cm/9"

nopa®
TUC

NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter mit Hartmetalleinsätzen
Needle Holders with Tungsten Carbide Inserts
Porta-agujas con bocas de carburo de tungsteno
Porte-aiguilles à mors en carbure de tungstène
Portaghi con placche di carburo di tungsteno



MATHIEU



AE 500/14
14,0 cm/5 1/2"



AE 500/17
17,0 cm/6 3/4"



AE 500/20
20,0 cm/8"



AE 500/24
24,0 cm/9 1/2"

1/2

nopa®
TUC



MATHIEU-DELICATE



AE 504/14
14,0 cm/5 1/2"

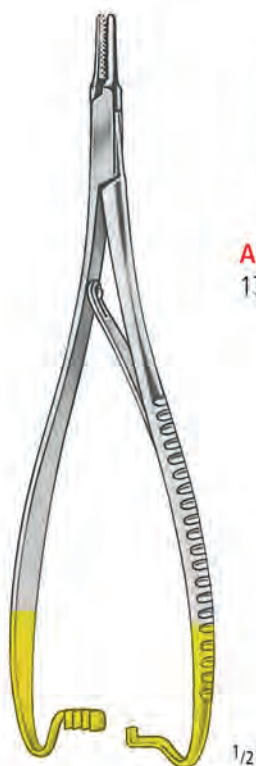


AE 504/17
17,0 cm/6 3/4"



AE 504/20
20,0 cm/8"

1/2



MATHIEU-RYDER MICRO



AE 512/17
17,0 cm/6 3/4"



AE 512/20
20,0 cm/8"

1/2



LANGENBECK



AE 540/16
16,0 cm/6 1/4"



AE 540/18
18,0 cm/7"



AE 540/20
20,0 cm/8"

1/2

AE NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter mit Hartmetalleinsätzen
Needle Holders with Tungsten Carbide Inserts
Porta-agujas con bocas de carburo de tungsteno
Porte-aiguilles à mors en carbure de tungstène
Portaghi con placche di carburo di tungsteno



CASTROVIEJO
14,0 cm/5 1/2"



AE 570/14



AE 571/14



CASTROVIEJO
14,0 cm/5 1/2"

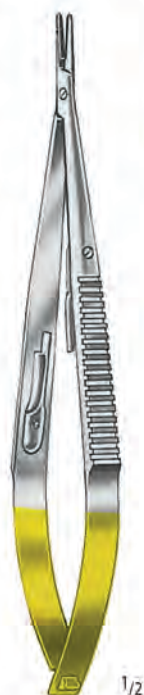


AE 572/14



AE 573/14

nopa®
TUC



18,0 cm/7"



AE 576/18



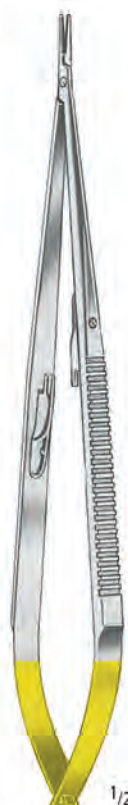
AE 577/18



AE 578/18



AE 579/18



JACOBSON
21,0 cm/8 1/4"



AE 580/01



AE 580/02

NAHT SUTURE SUTURA SUTURE SUTURA

Mikro-Nadelhalter mit Rundgriff
Micro-Needle Holders with pen-type handle
Micro-porta-agujas con mango redondo
Micro-porte-aiguilles à manches rondes
Micro-portaghi con manici rotondi



AE 630/18
18,0 cm/7¹/₄"



AE 631/18
18,0 cm/7¹/₄"

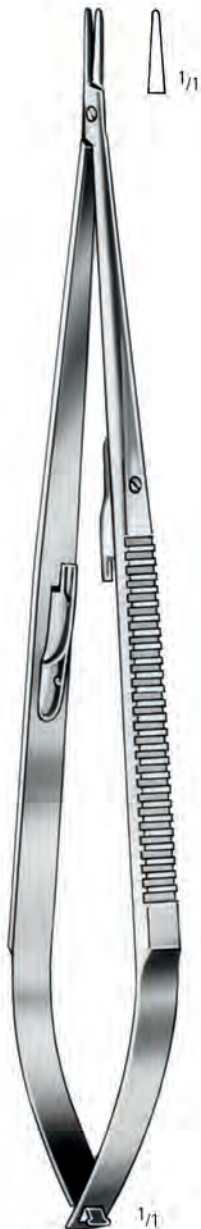


AE 632/18
18,0 cm/7¹/₄"



AE 633/18
18,0 cm/7¹/₄"

Mikro-Nadelhalter
Micro-Needle-Holders
Micro-porta-agujas
Micro-porte-aiguilles
Micro-portaghi



JACOBSON
AE 678/18
18,0 cm/7"



AE 680/16
AE 680/18
AE 680/20
AE 680/22

16,0 cm/6 1/2"
18,0 cm/7"
20,0 cm/8"
22,0 cm/9"



AE 681/16
AE 681/18
AE 681/20
AE 681/22

Weitere Nadelhalter siehe Katalog A 176-209 und Gruppe KS.
For further needle holders see catalogue A 176-209 and section KS.
Para otras porta-agujas ver catálogo A 176-209 y sección KS.
D'autres porte-aiguilles voir notre catalogue A 176-209 et groupe KS.
Per altri portaghi consultare il nostro catalogo A 176-209 e gruppo KS.

WUNDHAKEN
RETRACTORS
SEPARADORES
ECARTEURS
DIVARICATORI

AK

nopa[®] instruments



AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



GILLIES
AK 020/01
18,0 cm/7"



GILLIES
AK 020/02
18,0 cm/7"



KILNER
AK 022/15
15,0 cm/6"



FRAZIER
AK 024/13
13,0 cm/5"



AK 026/01



KLEINERT-KUTZ
AK 026/02
16,0 cm/6¹/₄"



AK 026/03

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



1/2

CUSHING
28,0 cm/11"



1/1

AK 034/01



1/1

AK 034/02



1/2

CUSHING
19,0 cm/7 1/4"



1/1

AK 036/01



1/1

AK 036/02



1/2

MOLDESTAD
AK 038/13
13,0 cm/5"



1/2

17,0 cm/6 3/4"



1/1

AK 040/05
5 mm



1/1

AK 040/07
7 mm



1/1

AK 042/10
Ø 1,0 mm



1/1

AK 042/12
Ø 1,2 mm



1/2

18,5 cm/7 1/4"

Weitere feine Wundhaken siehe Gruppe KS.
For further delicate hooks see section KS.
Para otros ganchos ver sección KS.
D'autres crochets très fins voir groupe KS.
Per altri divaricatori sottili vedi gruppo KS.



1/2

AK 044/11
11,0 cm/4 1/4"

AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

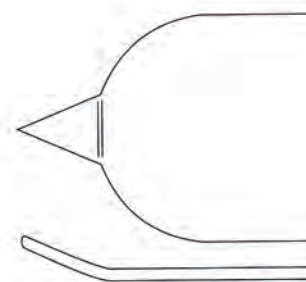
Spinalhaken
Spinal Retractors
Separadores espinales
Ecarteurs spinals
Divaricatori spinali



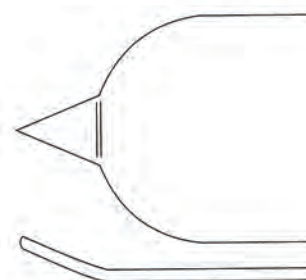
CUSHING
AK 130/20
20,0 cm/8"



TAYLOR
16,5 cm/6 1/2"



AK 132/07
75 x 30 mm



AK 132/10
100 x 30 mm



AK 320/16
50 x 16 mm



AK 320/25
75 x 25 mm



AK 320/50
90 x 50 mm

MEYERDING
22,5 cm/9"

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici



ALM

7,0 cm/2³/₄"
AK 506/07
AK 507/07

10,0 cm/4"
AK 506/10
AK 507/10



JANSEN

AK 510/10 AK 511/10
10,0 cm/4"



JANSEN

AK 512/10 AK 513/10
10,0 cm/4"

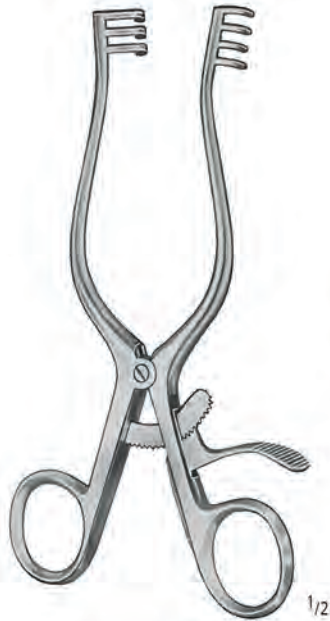


SNITMAN

AK 514/10 AK 515/10
10,5 cm/4¹/₄"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici



WEITLANER

10,5 cm/4 1/4"
13,0 cm/5"
16,5 cm/6 1/2"
20,0 cm/8"
25,0 cm/10"
26,0 cm/10 1/2"

2 x 3
3 x 4
3 x 4
3 x 4
3 x 4
5 x 6

AK 522/10
AK 524/13
AK 526/16
AK 528/20
AK 530/25
AK 532/26

AK 523/10
AK 525/13
AK 527/16
AK 529/20
AK 531/25
AK 533/26



ANDERSON-ADSON

AK 556/20

AK 557/20

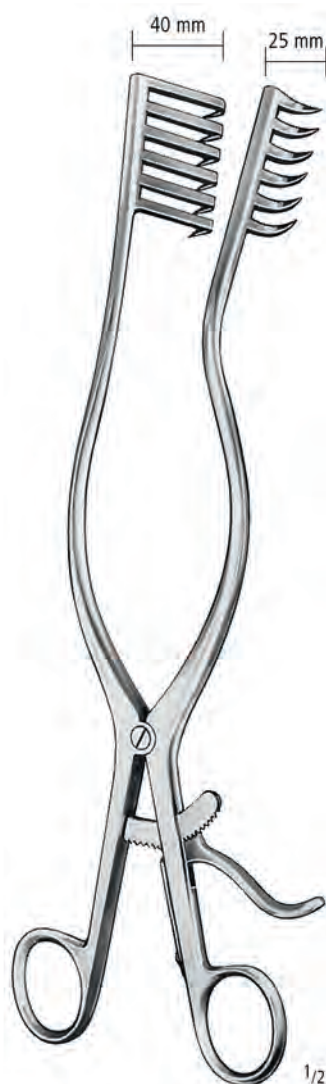
20,0 cm/8"

AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici



ADSON
AK 560/27
27,0 cm/10 1/2"



ADSON - R
AK 561/01
27,0 cm/10 1/2"



ADSON - L
AK 561/02
27,0 cm/10 1/2"

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici



CONE

13,0 cm/5"
16,5 cm/6½"
20,0 cm/8"
25,0 cm/10"

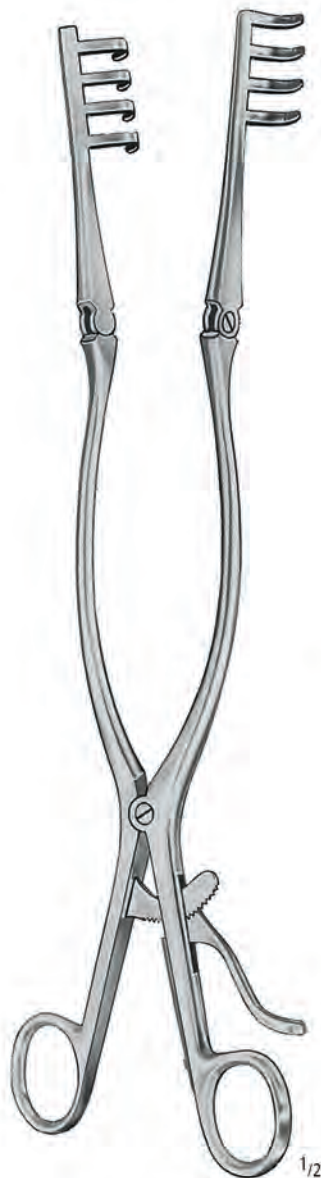
3 x 4
3 x 4
3 x 4
3 x 4



AK 564/13
AK 564/16
AK 564/20
AK 564/25



AK 565/13
AK 565/16
AK 565/20
AK 565/25



BECKMANN

31,0 cm/12"
33,0 cm/13"

4 x 4
4 x 5

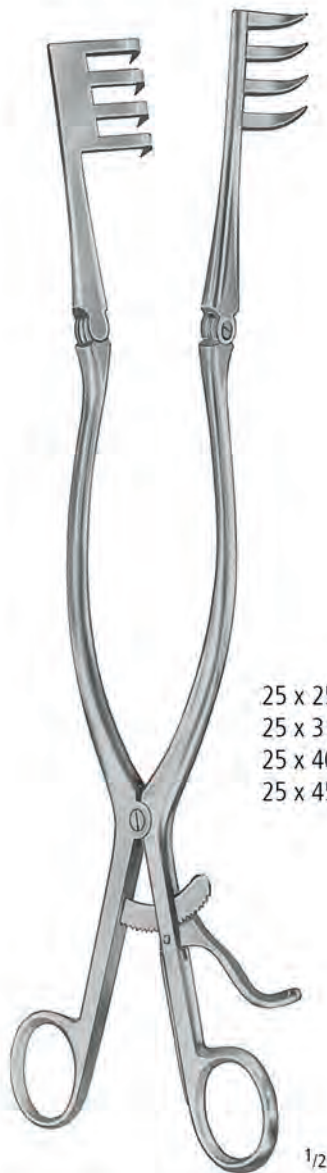


AK 566/31
AK 568/33



AK 567/31
AK 569/33

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici

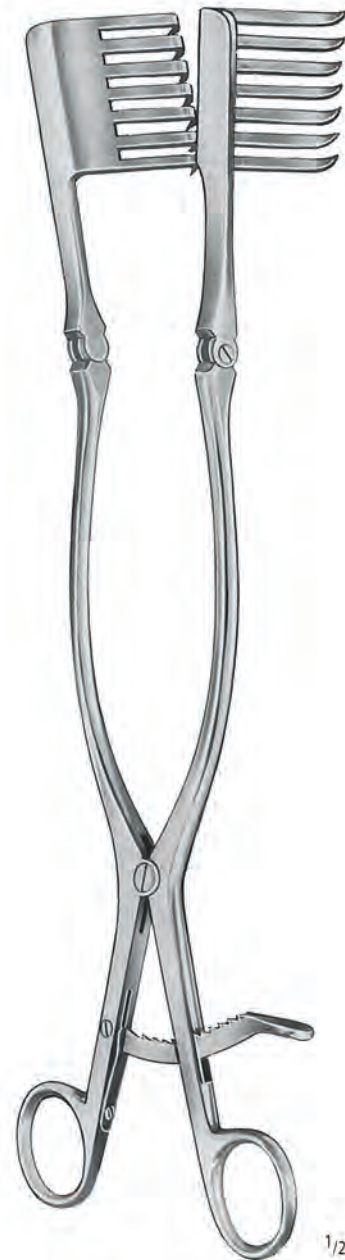


BECKMANN-ADSON
31,0 cm/12"

25 x 25 mm
25 x 31 mm
25 x 40 mm
25 x 45 mm

AK 570/01
AK 570/02
AK 570/03
AK 570/04

AK 571/01
AK 571/02
AK 571/03
AK 571/04



BECKMANN-EATON
AK 572/33 AK 573/33
33,0 cm/13"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici



SCALP-CONTOUR

AK 574/14

AK 575/14

14,0 cm/5 1/2"

Weitere Wundhaken siehe Katalog A 239-294 und Gruppe KS.
For further retractors see catalogue A 239-294 and section KS.
Para otros separadores ver catálogo A 239-294 y sección KS.
D'autres écarteurs voir notre catalogue A 239-294 et groupe KS.
Per altri divaricatori consultare il nostro catalogo A 239-294 e gruppo KS.

PUNKTION/KANÜLEN
PUNCTURE/SPECIAL NEEDLES
PUNCION/AGUJAS ESPECIALES
PUNCTION/AIGUILLES SPECIALES
PUNTURA/AGHI SPECIALI

A0

nopa[®] instruments



Saugrohre
Suction Tubes
Tubos de aspiración
Canules d'aspiration
Cannule di aspirazione



FRAZIER

6 Charr.	AO 430/06
8 Charr.	AO 430/08
10 Charr.	AO 430/10
12 Charr.	AO 430/12



PLESTER

1,5 mm	AO 432/15
2,0 mm	AO 432/20
2,5 mm	AO 432/25
3,0 mm	AO 432/30



FERGUSSON

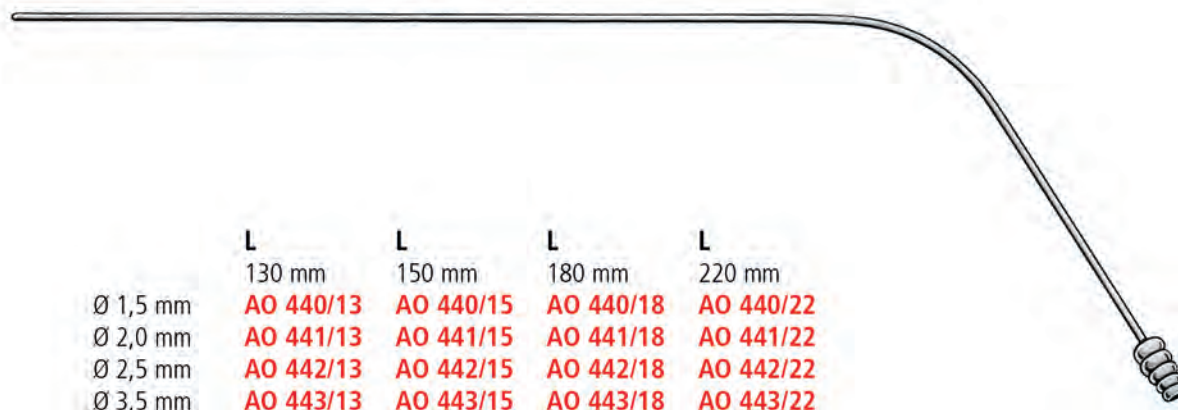
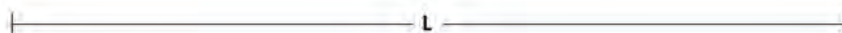
5 Charr.	AO 434/05
6 Charr.	AO 434/06
7 Charr.	AO 434/07
8 Charr.	AO 434/08
9 Charr.	AO 434/09
10 Charr.	AO 434/10
12 Charr.	AO 434/12

complete with suction tube
+ cannula 0,4 mm
+ cannula 0,6 mm
+ cannula 0,8 mm



**WULLSTEIN
MICRO**

AO 438/00



	L 130 mm	L 150 mm	L 180 mm	L 220 mm
Ø 1,5 mm	AO 440/13	AO 440/15	AO 440/18	AO 440/22
Ø 2,0 mm	AO 441/13	AO 441/15	AO 441/18	AO 441/22
Ø 2,5 mm	AO 442/13	AO 442/15	AO 442/18	AO 442/22
Ø 3,5 mm	AO 443/13	AO 443/15	AO 443/18	AO 443/22



ADSON

AO 450/04
21,0 cm/8 1/4"
4,0 mm

DIAGNOSTIK
DIAGNOSTICS
DIAGNOSTICO
DIAGNOSTIC
DIAGNOSTICA

AR

nopa[®] instruments



Perkussionshämmer
Percussion Hammers
Martillos de percusión
Marteaux-percuteurs
Martelli percussori



BUCK
AR 200/18
18,0 cm/7"



BABINSKY
AR 205/22
22,0 cm/8³/₄"
Ø 40 mm



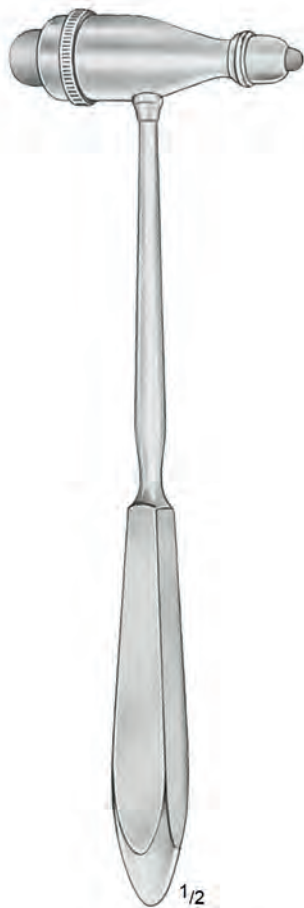
RABINER
AR 208/23
23,0 cm/9"
Ø 40 mm



TAYLOR
18,0 cm/7" **AR 215/18**
20,0 cm/8" **AR 215/20**

DIAGNOSTIK DIAGNOSTICS DIAGNOSTICO DIAGNOSTIC DIAGNOSTICA

Perkussionshämmer
Percussion Hammers
Martillos de percusión
Marteaux-percuteurs
Martelli percussori



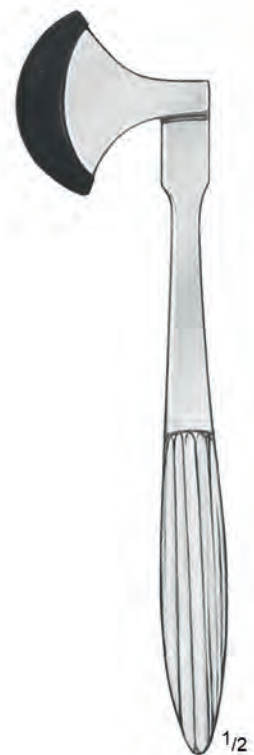
TROEMNER
AR 216/24
24,0 cm/9 1/2"



DÉJERINE
AR 217/20
20,0 cm/8"



DÉJERINE
AR 218/20
20,0 cm/8"



BERLINER
AR 220/20
20,0 cm/8"

AR
KA
K5
XR
XT
AO
AK
AE
AC
AB
AM

AR DIAGNOSTIK DIAGNOSTICS DIAGNOSTICO DIAGNOSTIC DIAGNOSTICA

Sensibilitäts-Instrumente
Sensitivity Instruments
Instrumentos sensibilidad
Instruments sensibilités
Strumenti per sensibilità



1/2

ALY

AR 300/00

19,0 cm/7 1/2"



1/2

WARTENBERG

AR 301/00

19,0 cm/7 1/2"

ORTHOPÄDIE
ORTHOPAEDICS
ORTOPEDIA
ORTHOPEDIE
ORTOPEDIA

KA

nopa[®] instruments



Handbohrapparate
Hand Drills
Perforadores de mano
Perforateurs à main
Perforatori a mano



STILLE
KA 060/00
20,0 cm/8"

komplett mit
complete with
completo con
complet avec
completo con

Fig. 1-9
Fig. 1-9
Fig. 1-9
Fig. 1-9
Fig. 1-9



Fig. 1
KA 060/01
Ø 2,5 mm



Fig. 2
KA 060/02
Ø 3,0 mm



Fig. 3
KA 060/03
Ø 3,5 mm



Fig. 4
KA 060/04
Ø 4,0 mm



Fig. 5
KA 060/05
Ø 10,0 mm



Fig. 6
KA 060/06
Ø 5,0 mm



Fig. 7
KA 060/07
Ø 8,0 mm



Fig. 8
KA 060/08
Ø 12,0 mm



Fig. 9
KA 060/09
Ø 16,0 mm



Fig. 10
KA 060/10
Ø 1,0 mm



Fig. 11
KA 060/11
Ø 1,5 mm



Fig. 12
KA 060/12
Ø 2,0 mm

Handbohrapparate
Hand Drills
Perforadores de mano
Perforateurs à main
Perforatore a mano



RALK
KA 100/00



Ø 1,0 mm	KA 102/10
Ø 1,5 mm	KA 102/15
Ø 2,0 mm	KA 102/20
Ø 2,7 mm	KA 102/27
Ø 3,0 mm	KA 102/30
Ø 3,2 mm	KA 102/32
Ø 3,5 mm	KA 102/35
Ø 4,0 mm	KA 102/40
Ø 4,5 mm	KA 102/45
Ø 5,0 mm	KA 102/50
Ø 6,0 mm	KA 102/60
Ø 8,0 mm	KA 102/80

ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPEDIE ORTOPEDIA

Maßtabelle
Scale
Tabla de medida
Tableau de la mesure
Scala



2,0 mm



3,0 mm



4,0 mm



5,0 mm



6,0 mm



8,0 mm



10,0 mm



12,0 mm



14,0 mm



16,0 mm



18,0 mm



20,0 mm



25,0 mm



30,0 mm



35,0 mm



40,0 mm



45,0 mm



50,0 mm

AA

AB

AC

AE

AK

AO

AR

KA

KS

XR

XT

Meißel und Osteotome
Chisels, Gouges and Osteotomes
Cinceles y Gubias
Ciseaux-Burins et Ostéotomes
Scalpelli, Osteotomi, Sgorbie



1/2

MINI-LEXER

18,0 cm/7"



1/2

MINI-LEXER

18,0 cm/7"



1/2

LEXER

22,0 cm/8³/₄"



1/2

LEXER

22,0 cm/8³/₄"

mm

4 KA 470/04
6 KA 470/06
7
8 KA 470/08
10 KA 470/10
12 KA 470/12
15 KA 470/15
20 KA 470/20
25
30

KA 471/04
KA 471/06

KA 471/08
KA 471/10
KA 471/12
KA 471/15
KA 471/20

KA 472/07

KA 472/10

KA 472/15
KA 472/20
KA 472/25
KA 472/30

KA 473/07

KA 473/10

KA 473/15
KA 473/20
KA 473/25
KA 473/30

Ferrozellgriff
Hartpress-Handle
Mango en "Ferrozell"
Manche en "Ferrozell"
Manico in "Ferrozell"

ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPEDIE ORTOPEDIA

Meißel und Osteotome
Chisels, Gouges and Osteotomes
Cinceles y Gubias
Ciseaux-Burins et Ostéotomes
Scalpelli, Osteotomi, Sgorbie



LEXER
27,5 cm/10³/₄"

mm
5
10 **KA 474/10**
15 **KA 474/15**



LEXER
27,5 cm/10³/₄"

KA 475/10
KA 475/15



LEXER
25,0 cm/10"

KA 476/05
KA 476/10
KA 476/15



LEXER
25,0 cm/10"

KA 477/05
KA 477/10
KA 477/15

Ferrozellgriff
Hartpress-Handle
Mango en "Ferrozell"
Manche en "Ferrozell"
Manico in "Ferrozell"

XT
XR
K5
KA
AR
AO
AK
AE
AC
AB
AA

Meißel und Osteotome
Chisels, Gouges and Osteotomes
Cinceles y Gubias
Ciseaux-Burins et Ostéotomes
Scalpelli, Osteotomi, Sgorbie



4 mm	KA 479/01	KA 479/02	KA 479/03	KA 479/04
5 mm	KA 479/05	KA 479/06	KA 479/07	KA 479/08
6 mm	KA 479/09	KA 479/10	KA 479/11	KA 479/12
8 mm	KA 479/13	KA 479/14	KA 479/15	KA 479/16
10 mm	KA 479/17	KA 479/18	KA 479/19	KA 479/20
12 mm	KA 479/21	KA 479/22	KA 479/23	KA 479/24
15 mm	KA 479/25	KA 479/26	KA 479/27	KA 479/28
20 mm	KA 479/29	KA 479/30	KA 479/31	KA 479/32
22 mm	KA 479/33	KA 479/34	KA 479/35	KA 479/36
25 mm	KA 479/37	KA 479/38	KA 479/39	KA 479/40

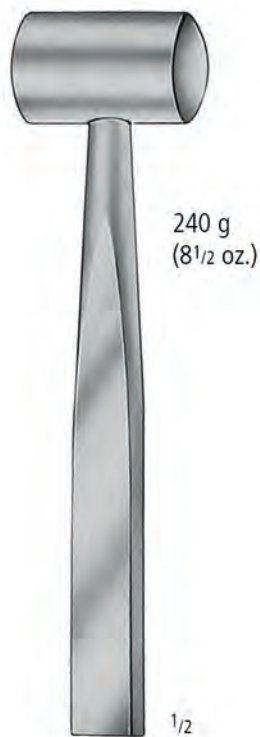
DAHMEN 30,0 cm/12"

Ferrozellgriff
Hartpress-Handle
Mango en "Ferrozell"
Manche en "Ferrozell"
Manico in "Ferrozell"

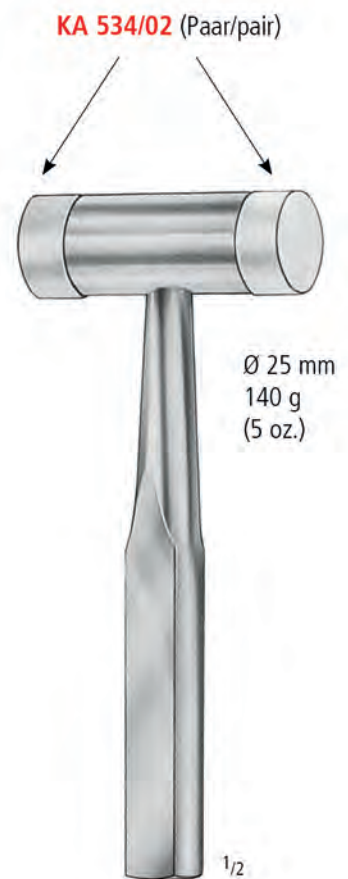
Hämmer
Mallets
Martillos
Marteaux
Martelli



OMBREDANNE
KA 519/55
24,0 cm/9 1/2"



COTTLE
KA 531/24
19,0 cm/7 1/2"



KA 534/14
18,0 cm/7"

AA
AB
AC
AE
AK
AO
AR
KA
KS
XB
XT

Hämmer
Mallets
Martillos
Marteaux
Martelli



KA 554/90



370 g
(12³/₄ oz.)

KA 554/37
Ferrozell



125 g
(4¹/₄ oz.)

KA 555/13
Ferrozell

Scharfe Löffel
Bone Curettes
Cucharillas cortantes
Curettes tranchantes
Curette taglienti



**CLOWARD
HIBBS SPRATT
SPINAL FUSION**
22,5 cm/9"

Fig. 000
KA 626/00

Fig. 00
KA 627/00

Fig. 0
KA 628/00

Fig. 1
KA 628/01

Fig. 2
KA 628/02

Fig. 3
KA 628/03

Fig. 4
KA 628/04

Fig. 5
KA 628/05

Fig. 6
KA 628/06



**CLOWARD
HIBBS SPRATT
SPINAL FUSION**
22,5 cm/9"

Fig. 000
KA 629/00

Fig. 00
KA 630/00

Fig. 0
KA 631/00

Fig. 1
KA 631/01

Fig. 2
KA 631/02

Fig. 3
KA 631/03

Fig. 4
KA 631/04

Fig. 5
KA 631/05

Fig. 6
KA 631/06

Elevatoren
Elevators
Elevadores
Elévateurs
Elevatori

8 mm



KA 690/08

LANGENBECK
19,5 cm/7³/₄"

10 mm



KA 690/10



KA 701/19

scharf
sharp
cortante
tranchant
tagliente

KA 702/19

stumpf
blunt
romo
mousse
smusso

FREER
19,0 cm/7¹/₂"



FREER
KA 703/18
18,0 cm/7"

Elevatoren
Elevators
Elevadores
Elévateurs
Elevatori



HOEN

7 mm



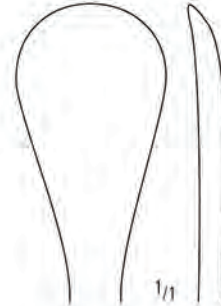
KA 704/07
16,0 cm/6 1/4"

15 mm



KA 704/15
19,0 cm/7 1/2"

20 mm



KA 704/20
19,0 cm/7 1/2"



ADSON
17,0 cm/6 3/4"



KA 705/01



KA 705/02

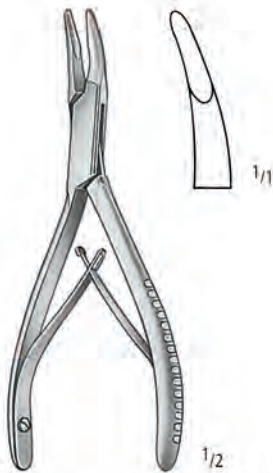


KA 705/03

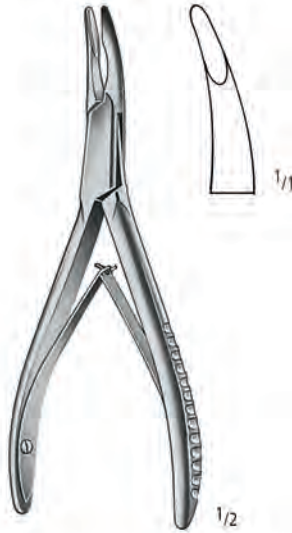


KA 705/04

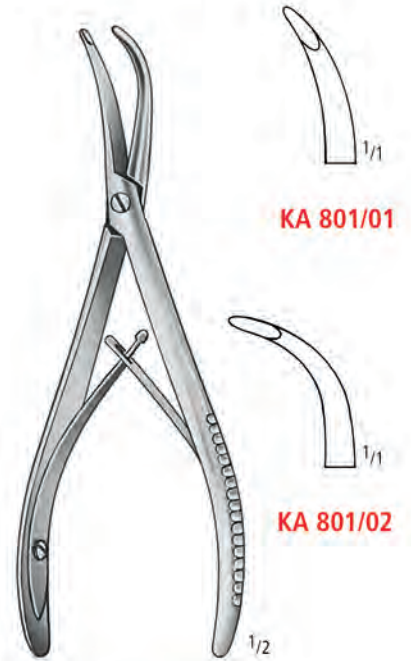
Hohlmeisselzangen
Bone Rongeurs
Pinzas-gubias
Pincès-gouges
Pinze-sgorbie



MINI-FRIEDMAN
KA 800/12
12,0 cm/5"



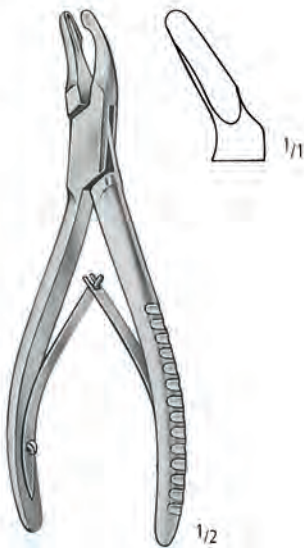
FRIEDMAN
KA 800/14
14,0 cm/5 1/2"



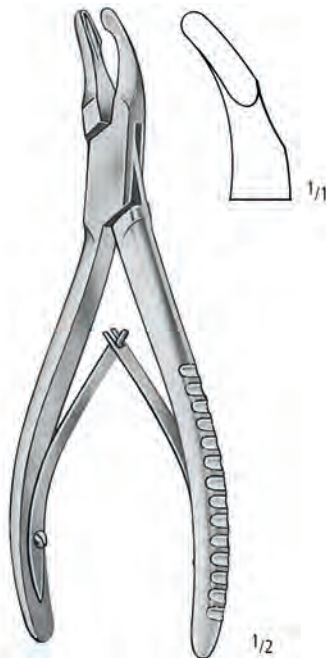
KA 801/01

KA 801/02

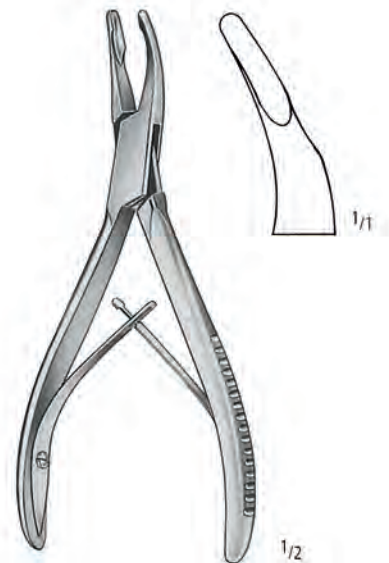
STELLBRINK
17,0 cm/6 3/4"



CLEVELAND
KA 802/14
14,0 cm/5 1/2"

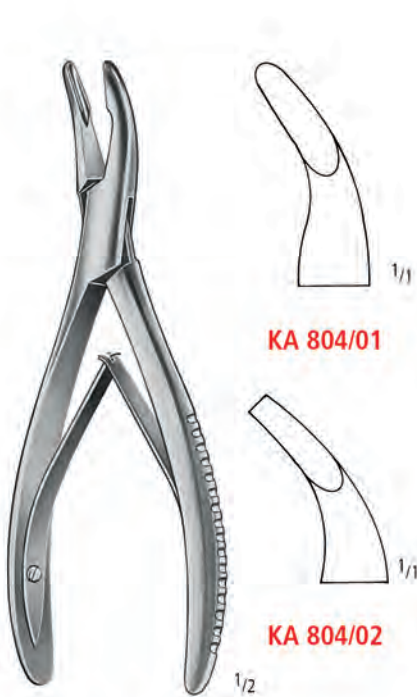


CLEVELAND
KA 802/17
17,0 cm/6 3/4"

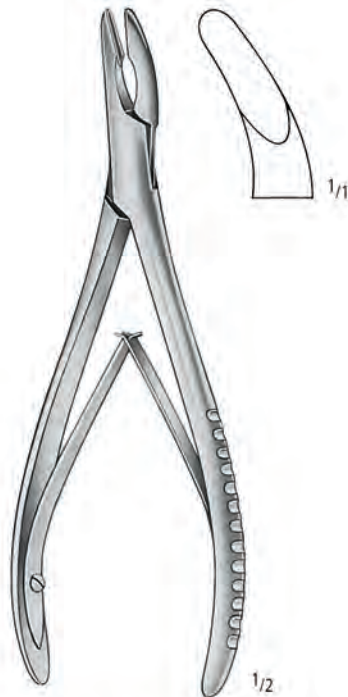


UNIVERSAL
KA 803/13
13,5 cm/5 1/4"

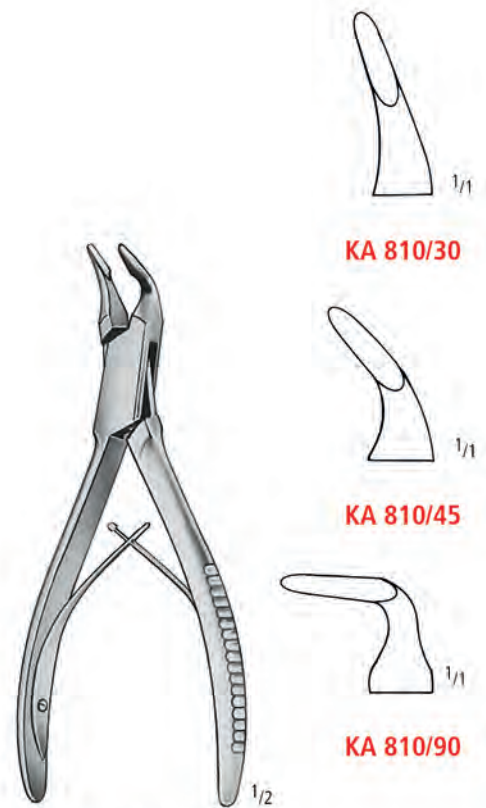
Hohlmeisselzangen
Bone Rongeurs
Pinzas-gubias
Pincès-gouges
Pinze-sgorbie



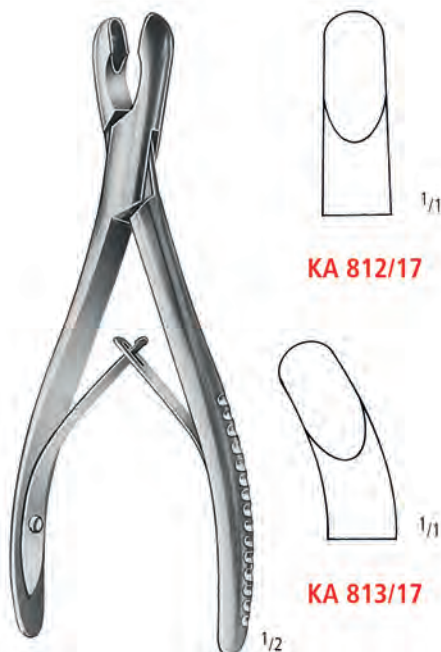
MEAD
16,5 cm/6 1/2"



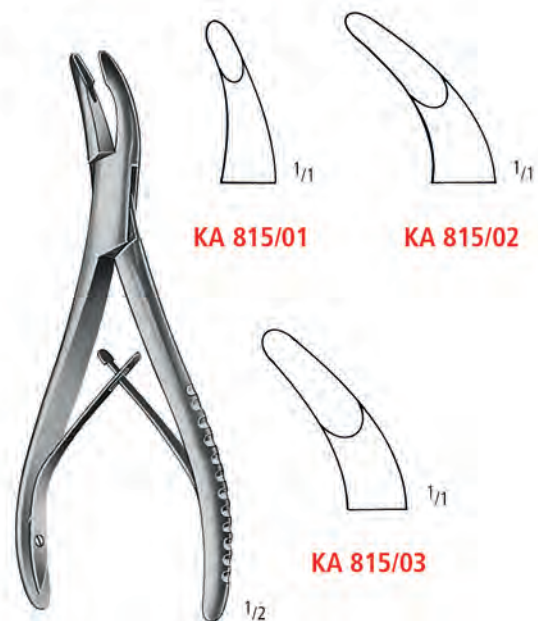
HARTMANN
KA 807/18
18,5 cm/7 1/4"



BLUMENTHAL
15,5 cm/6"



LUER
17,0 cm/6 3/4"



LUER
15,0 cm/6"

Hohlmeisselzangen
Bone Rongeurs
Pinzas-gubias
Pinces-gouges
Pinze-sgorbie



LEMPERT
KA 816/19
19,0 cm/7 1/2"



BACON
KA 819/20
20,0 cm/8"

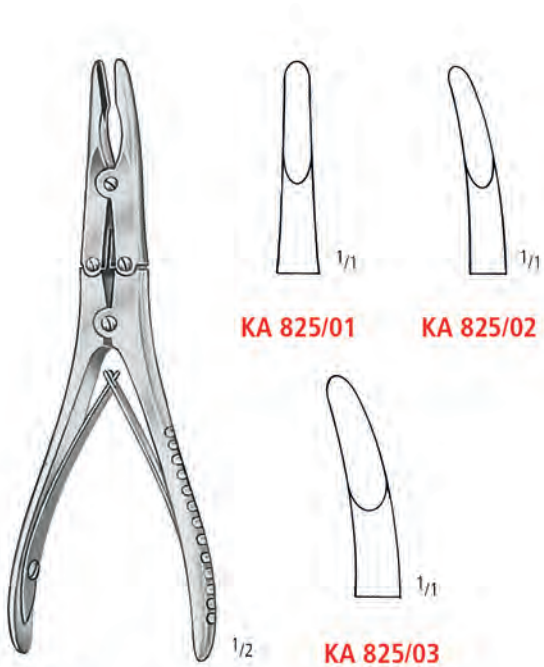


MARQUARDT
KA 821/20
20,0 cm/8"

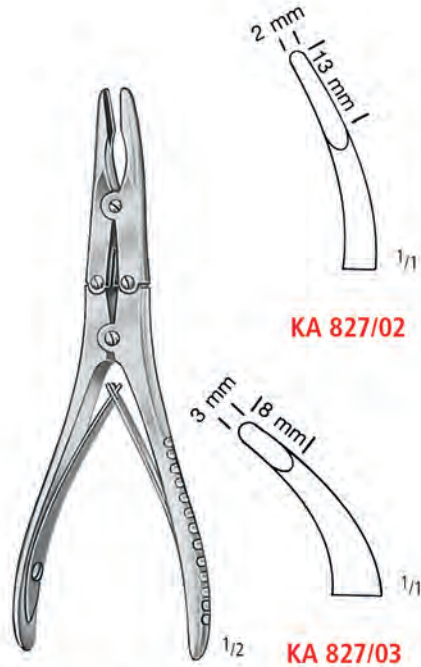


MAYFIELD
KA 823/17
17,0 cm/6 3/4"

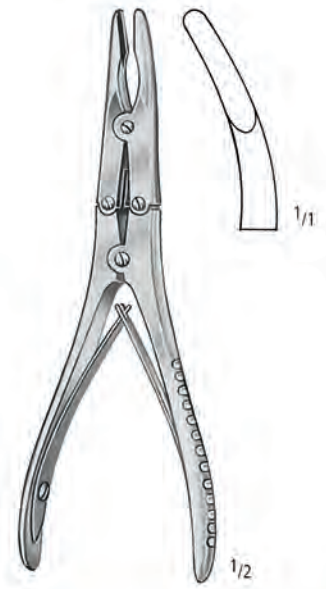
Hohlmeisselzangen
Bone Rongeurs
Pinzas-gubias
Pincers-gouges
Pinze-sgorbie



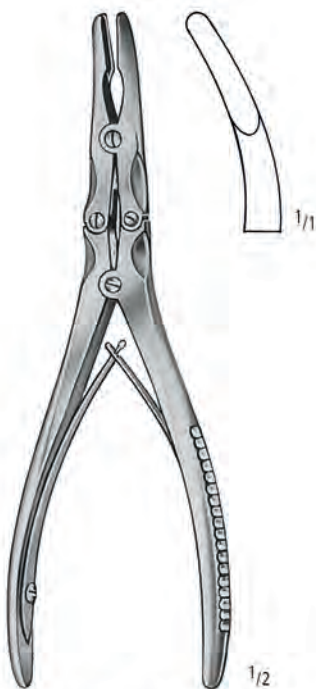
BÖHLER
15,0 cm/6"



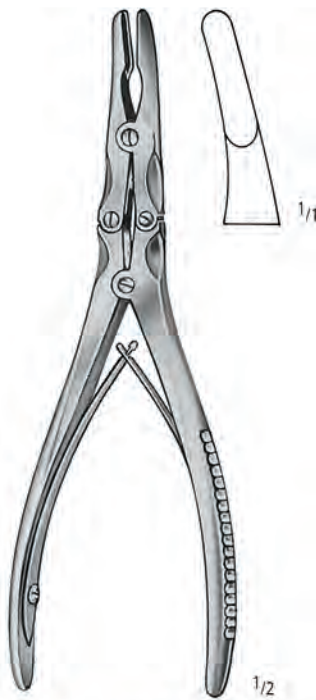
KLEINERT-KUTZ
15,0 cm/6"



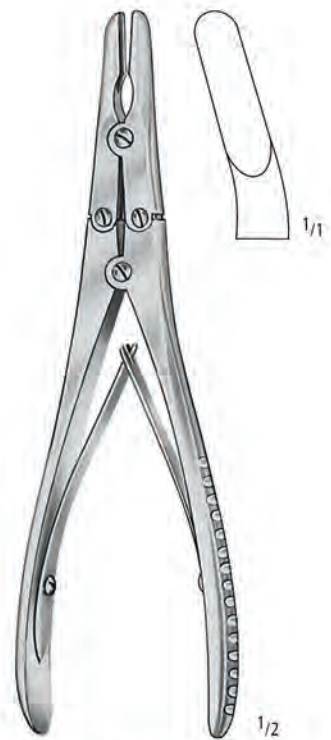
RUSKIN-MINI
KA 829/15
15,0 cm/6"



BEYER
KA 830/18
18,0 cm/7"

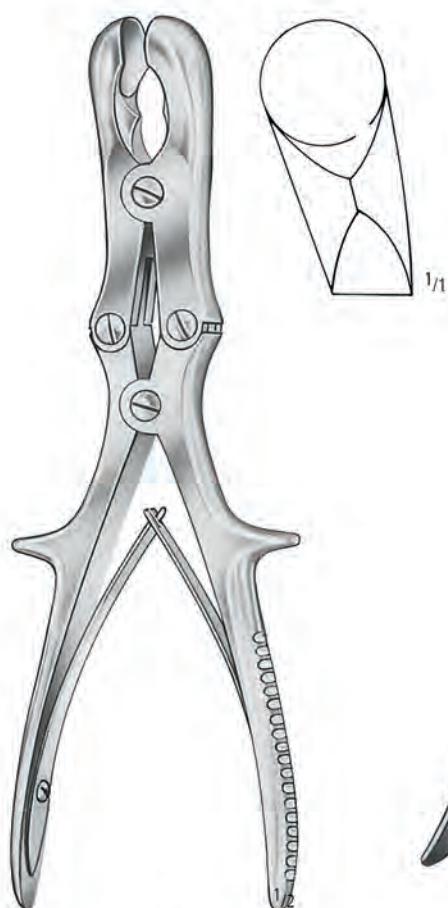


ZAUFAL-JANSEN
KA 835/18
18,0 cm/7"

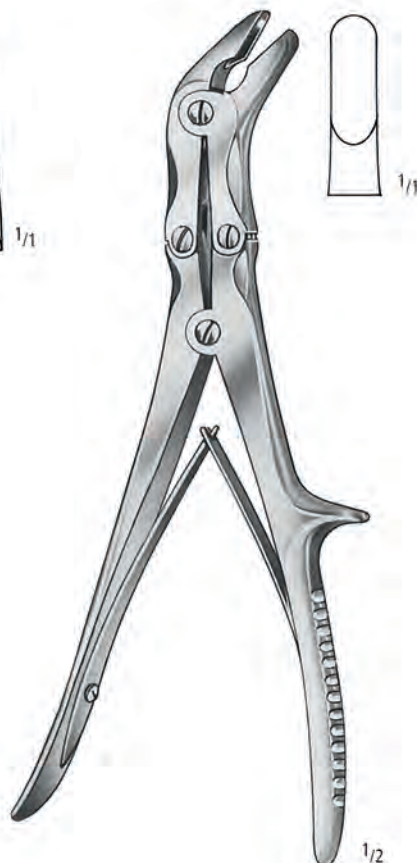


RUSKIN
KA 836/18
18,0 cm/7"

Hohlmeisselzangen
Bone Rongeurs
Pinzas-gubias
Pincès-gouges
Pinze-sgorbie



SEMB
KA 838/22
22,5 cm/9"

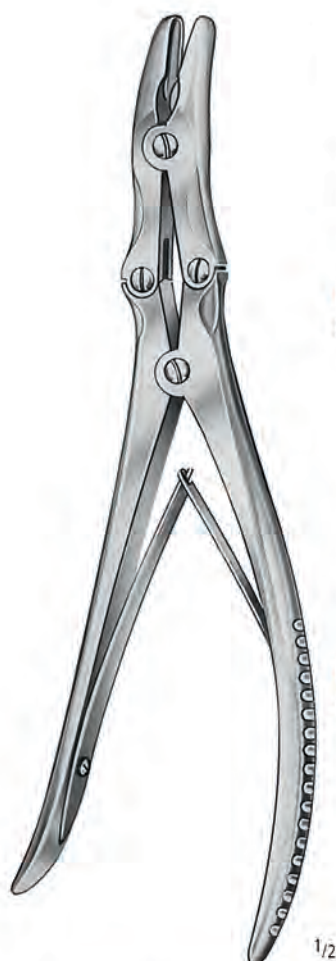


STILLE
KA 840/23
23,0 cm/9"



STILLE-RUSKIN
KA 841/23
23,0 cm/9"

Hohlmeisselzangen
Bone Rongeurs
Pinzas-gubias
Pincès-gouges
Pinze-sgorbie



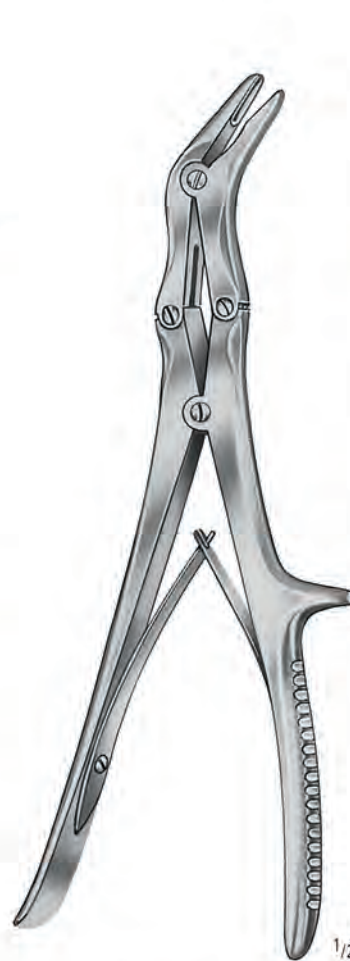
KA 848/01
8 mm

KA 848/02
4 mm

LEKSELL-STILLE
24,0 cm/9 1/2"



FRYKHOLM
KA 859/23
23,0 cm/9"



KA 860/01
2 x 10 mm

KA 860/02
3 x 10 mm

KA 860/03
4 x 10 mm

ECHLIN
23,0 cm/9"

Hohlmeisselzangen
Bone Rongeurs
Pinzas-gubias
Pincès-gouges
Pinze-sgorbie



RUSKIN
KA 862/23
23,0 cm/9"



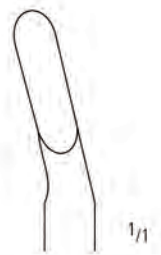
SMITH-PETERSON
24,0 cm/9 1/2"



3,0 mm
KA 863/03



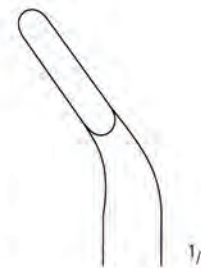
4,0 mm
KA 863/04



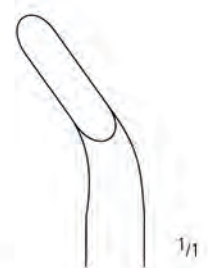
5,0 mm
KA 863/05



3,0 mm
KA 863/13



4,0 mm
KA 863/14



5,0 mm
KA 863/15

AA

AB

AC

AD

AE

AF

AG

KA

KB

KC

KD

NEUROCHIRURGIE
NEUROSURGERY
NEUROCIRUGIA
NEUROCHIRURGIE
NEUROCHIRURGIA

KS

nopa[®] instruments



Feine Arterienklemmen
Fine Artery Forceps
Pinzas hemostáticas finas
Pincas hémostatiques fines
Pinze emostatiche fine



HOEN
KS 001/13
13,5 cm/5 1/4"



RAIMONDI
KS 003/13
12,5 cm/5"

AA

AB

AC

AE

AG

AO

AR

KA

KS

KB

KT

Präparierklemmen
Dissecting Forceps
Pinzas para preparaciones
Pincers à dissection
Pinze per preparazione



KS 011/01
19,5 cm/8"



KS 011/02
19,5 cm/8"

Mikro-Instrumente
Micro Instruments
Instrumentos para microcirugía
Instruments pour la chirurgie micro
Strumenti per la chirurgia micro



18,5 cm/7 1/4"



KS 014/01



KS 014/02

AA

AB

AE

AE

AB

AO

AR

KA

KS

XR

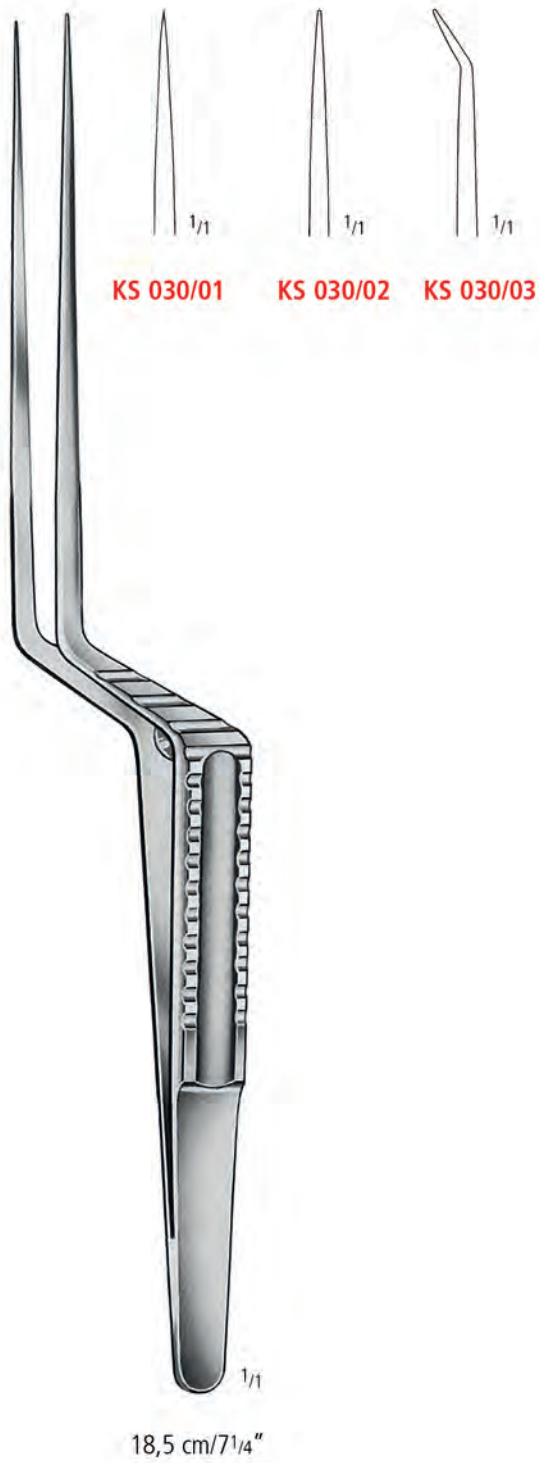
XT

Mikro-Pinzetten
Micro Forceps
Micro-Pinzas
Micro-Pinces
Micro-Pinze



L	TIP	
18,0 cm/7"	0,6 mm	KS 020/06
18,0 cm/7"	0,9 mm	KS 020/09
18,0 cm/7"	1 : 2	KS 020/20
20,0 cm/8"	0,6 mm	KS 022/06
20,0 cm/8"	0,9 mm	KS 022/09
22,0 cm/8 ³ / ₄ "	0,6 mm	KS 024/06
22,0 cm/8 ³ / ₄ "	0,9 mm	KS 024/09
24,0 cm/9 ¹ / ₂ "	0,6 mm	KS 026/06
24,0 cm/9 ¹ / ₂ "	0,9 mm	KS 026/09

Mikro-Pinzetten, Nahtpinzetten
Micro Forceps, Suture Forceps
Micro-Pinzas, Pinzas para sutura
Micro-Pinces, Pinces pour sutures
Micro-Pinze, Pinze per sutura



Mikro-Pinzetten
Micro Forceps
Micro-Pinzas
Micro-Pinces
Micro-Pinze

TITANIUM



DIETHRICH

1,5 mm



2,0 mm



2,8 mm



15,0 cm/6"

KS 040/15

KS 040/20

KS 040/28

20,0 cm/8"

KS 041/15

KS 041/20

KS 041/28

24,0 cm/9³/₄"

KS 042/15

KS 042/20

KS 042/28

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



20,0 cm/8"

45°



NAGEL
KS 050/20

45°



KS 051/20

125°



KS 052/20

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



16,0 cm/6 1/4"

KS 060/16

gerade
straight
rectas
droits
retta

KS 061/16

gebogen
curved
curvas
courbes
curva



VANNAS
16,0 cm/6 1/4"

KS 062/16

gerade
straight
rectas
droits
retta

KS 063/16

gebogen
curved
curvas
courbes
curva



MILLESI
16,0 cm/6 1/4"

KS 064/16

gerade
straight
rectas
droits
retta

KS 065/16

gebogen
curved
curvas
courbes
curva

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



KS 068/00
18,5 cm/7¹/₄"



KS 069/19
19,0 cm/7¹/₂"

Mikro-Nadelhalter mit Rundgriff
Micro-Needle Holders with pen-type handle
Micro-porta-agujas con mango redondo
Micro-porte-aiguilles à manches rondes
Micro-portaghi con manici rotondi



BARRAQUER



Tip 0,3 mm



Tip 0,8 mm

14,0 cm/5 1/2"
18,0 cm/7"

KS 070/14
KS 070/18

KS 071/14
KS 071/18

14,0 cm/5 1/2"
18,0 cm/7"

KS 072/14
KS 072/18

KS 073/14
KS 073/18



BARRAQUER



Tip 0,3 mm



Tip 0,3 mm

14,0 cm/5 1/2"
18,0 cm/7"

KS 074/14
KS 074/18

KS 075/14
KS 075/18

14,0 cm/5 1/2"
18,0 cm/7"

KS 076/14
KS 076/18

KS 077/14
KS 077/18

Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles
Portaghi

nopa® DIAMOND



14,0 cm/5 1/2"

KS 080/14



18,0 cm/7"
23,0 cm/9"

**KS 080/18
KS 080/23**



14,0 cm/5 1/2"

KS 081/14



18,0 cm/7"
23,0 cm/9"

**KS 081/18
KS 081/23**



Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles
Portaghi

nopa® DIAMOND



1/1

21,0 cm/8 1/4"



1/1

KS 082/21



1/1

KS 083/21

Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles
Portaghi

nopa[®] DIAMOND



15,0 cm/6"

18,0 cm/7"

23,0 cm/9"

KS 084/15

KS 084/18

KS 084/23

AA

AB

AC

AE

AG

AO

AR

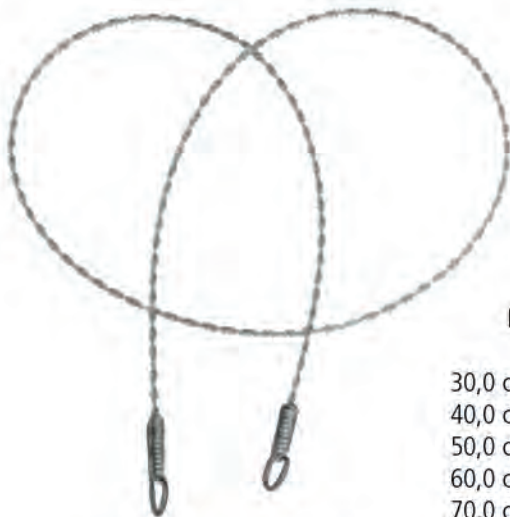
KA

KS

XR

XT

Instrumente zur Schädelöffnung
Instruments for Cranial Opening
Instrumentos para abertura craneana
Instruments pour l'ouverture du crâne
Strumenti per l'apertura del cranio



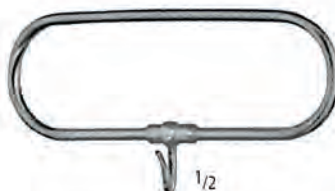
OLIVECRONA-GIGLI

L	2x	3x
30,0 cm/12"	KS 102/30	KS 103/30
40,0 cm/16"	KS 102/40	KS 103/40
50,0 cm/20"	KS 102/50	KS 103/50
60,0 cm/24"	KS 102/60	KS 103/60
70,0 cm/28"	KS 102/70	KS 103/70



KS 120/00

Paar / pair / pareja / paire / paio



KS 122/00

Paar / pair / pareja / paire / paio



MARTEL

KS 130/33
33,0 cm/13"

Instrumente zur Schädelöffnung
 Instruments for Cranial Opening
 Instrumentos para abertura craneana
 Instruments pour l'ouverture du crâne
 Strumenti per l'apertura del cranio



DE VILBISS
KS 160/21
 21,0 cm/8 1/4"



DAHLGREEN
KS 162/20
 20,0 cm/8"

Schädelhalter
Cervical Traction Tongs
Pinzas de tracción craneal
Pinces de traction crânienne
Pinze per trazione craniale



CRUTCHFIELD
KS 200/01



CRUTCHFIELD
KS 200/02



KS 201/04
Ø 3,5 mm



KS 201/05
Ø 5,0 mm



KS 210/00

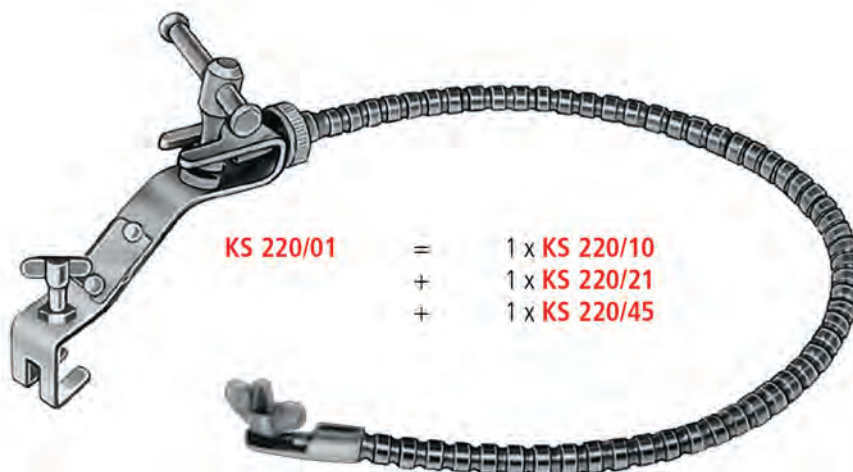


KS 210/01

Ersatzdorn
Spare Pin
Punta de repuesto
Pointe de rechange
Punta da scorta

Hirnretractor
Brain Retractor
Separadores cerebrales
Ecarteurs cérébrales
Divaricatori cerebrali

LEYLA



KS 220/01 = 1 x KS 220/10
+ 1 x KS 220/21
+ 1 x KS 220/45

LEYLA - 1
KS 220/01



KS 220/02 = 2 x KS 220/10
+ 1 x KS 220/22
+ 2 x KS 220/45

LEYLA - 2
KS 220/02

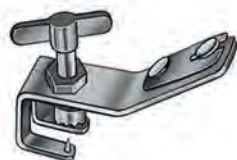
KS

Hirnretractor
Brain Retractor
Separadores cerebrales
Ecarteurs cérébrales
Divaricatori cerebrali

LEYLA



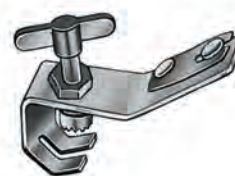
KS 220/10



KS 220/21



KS 220/22



KS 220/30



KS 220/40



KS 220/45

Hirnretractor
Brain Retractor
Separadores cerebrales
Ecarteurs cérébrales
Divaricatori cerebrali

LEYLA

Satz
Set

KS 222/00

=
+
+

1 x **KS 222/10**

1 x **KS 222/20**

1 x **KS 222/25**



9 x 32 mm
10 x 25 mm

KS 222/09
KS 222/10



KS 222/20



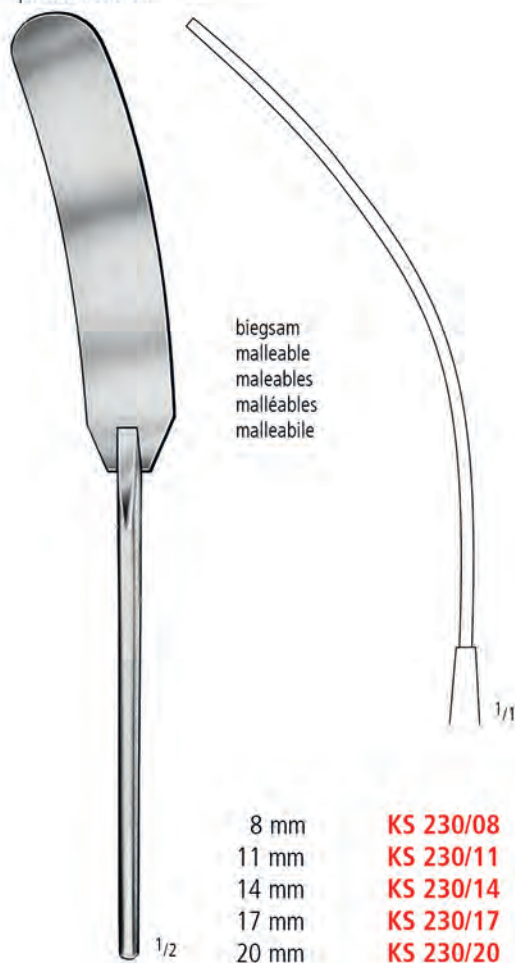
KS 222/25



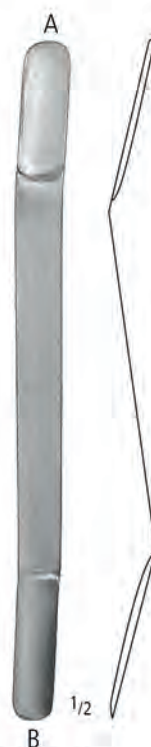
KS 222/40

AA
AB
AC
AE
AK
AO
AR
KA
KS
XR
XT

Hirnspatel
Brain Spatulas
Espátulas cerebrales
Spatules cérébrales
Spatoli cerebrali



HEIFETZ
20,0 cm/8"



OLIVECRONA
18,0 cm/7"

konkav
concave
cóncavas
concaves
concave

konvex
convex
convexas
convexes
convesso

A	B
mm	mm
7	9
11	13
15	18
18	22

KS 233/01
KS 233/02
KS 233/03
KS 233/04

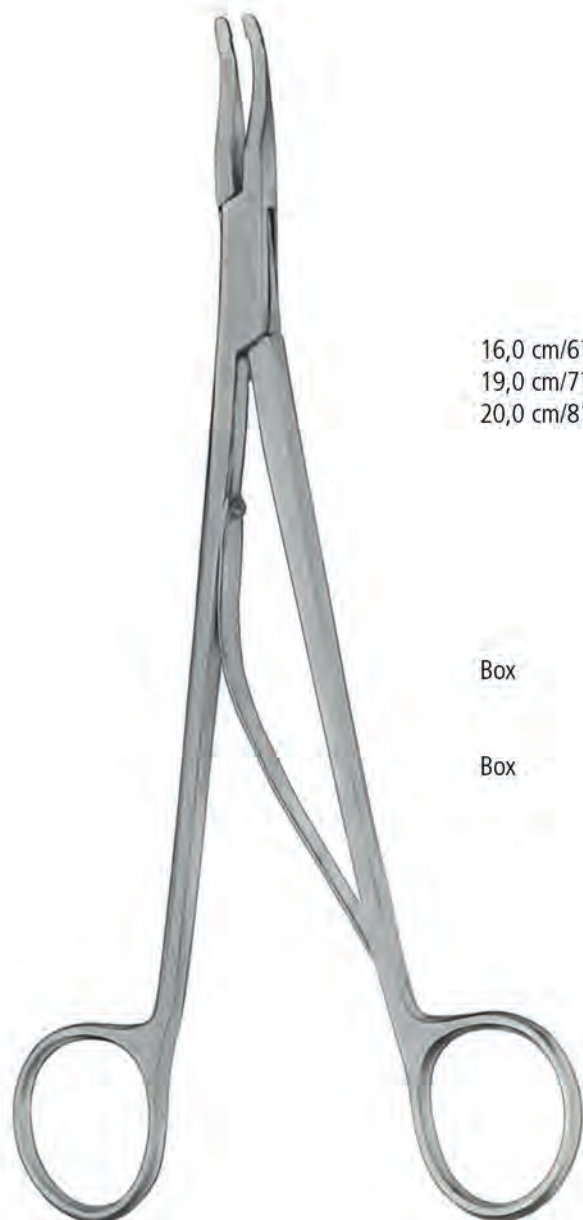


18,0 cm/7"



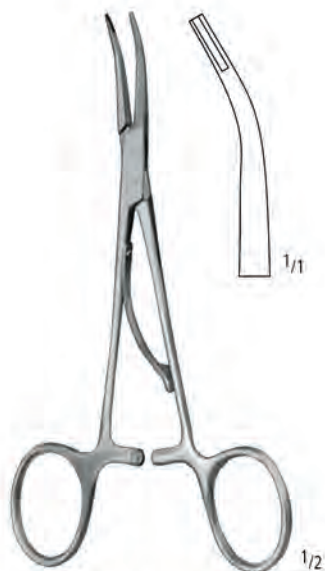
20,0 cm/8"

Anlegezangen, Clips
Applying Forceps, Clips
Pinzas aplicadoras, Clips
Pincers pour le cuir chevelu, Clips
Pinze al cuoio capelluto, Clips



	klein small	mittel medium	mittel-groß medium-large	groß large
16,0 cm/6 1/4"	KS 240/01	KS 240/02		
19,0 cm/7 1/2"			KS 241/01	
20,0 cm/8"	KS 242/01	KS 242/02		KS 242/03
	 1/1	 1/1	 1/1	 1/1
Box	12 x 25 clips KS 244/01	10 x 25 clips KS 245/01	16 x 10 clips KS 246/01	10 x 15 clips KS 247/01
Box	24 x 10 clips KS 244/02	20 x 10 clips KS 245/02		12 X 10 clips KS 247/02

Anlegezangen
Applying Forceps
Pinzas aplicadoras
Pincers pour le cuir chevelu
Pinze al cuoio capelluto



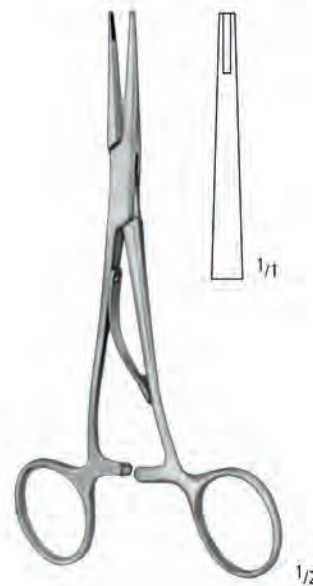
MC KENZIE

15,0 cm/6"

KS 250/15

19,0 cm/7 1/2"

KS 250/19



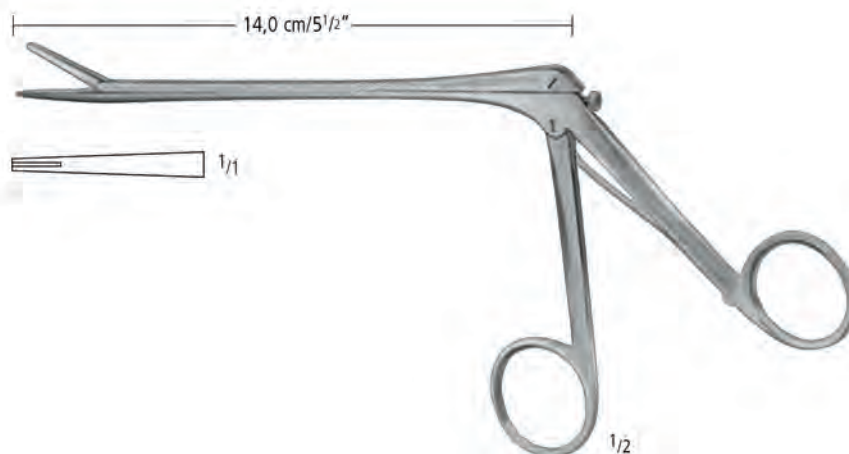
MC KENZIE

15,0 cm/6"

KS 255/15

19,0 cm/7 1/2"

KS 255/19



**OLIVECRONA-TOENNIS
(SCOVILLE)**

KS 258/00

Klammern und Anlegezangen
Clips and Applying Forceps
Grapas y pinzas aplicadoras
Clips et pinces pour le cuir chevelu
Agrafes e pinze al cuoio capelluto

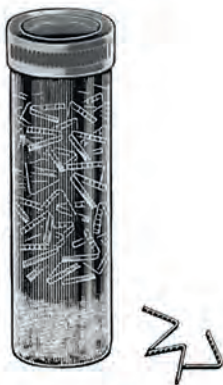


MC KENZIE
148 x 40 x 6 mm
KS 275/01



MC KENZIE
190 x 48 x 13 mm
KS 275/02

Verkaufseinheit: 100 Stück
Unit for Sale: 100 pieces
Unidad de venta: 100 piezas
Unité de vente: 100 pièces
Unità di vendita: 100 pezzi



KS 277/00

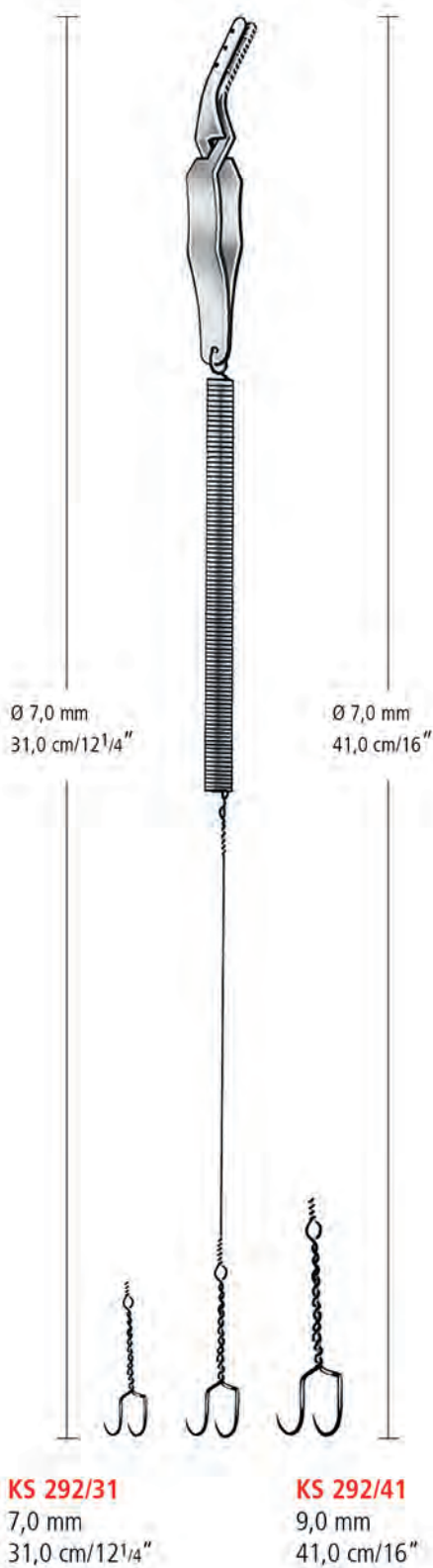


RANEY
KS 286/00
16,0 cm/6 1/4"



RANEY
KS 288/00

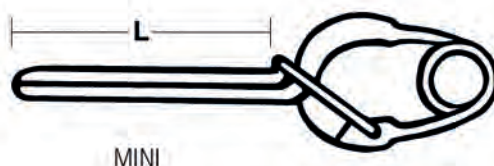
Galeahaken
Galea Hooks
Gancho para Galea
Crochets à Galea
Uncini per Galea



NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

Aneurysmen- und Gefäßclips
Aneurysm- and Vessel Clips
Clips de Aneurisma
Clips pour Aneurisme
Clips per Aneurismi

Also available in
TITANIUM



B
Maulöffnung
Opening
Abertura
Overture
Apertura

F
Schließkraft
Closing Force
Presión
Pression
Pressione

Permanent
Temporary

KS 300/01
KS 300/02

KS 302/01
KS 302/02

KS 304/01

KS 306/01

KS 308/01
KS 308/02

Permanent
Temporary

KS 301/01

KS 303/01
KS 303/02

KS 305/01

KS 307/01
KS 307/02

KS 309/01

Permanent
Temporary

KS 311/01

KS 313/01
KS 313/02

KS 315/01

KS 317/01

KS 319/01

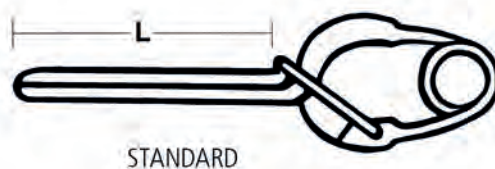
	L (mm)	B (mm)	F (g)
KS 300/01	3,0	3,3	110
KS 300/02	3,0	3,3	50
KS 301/01	3,0	3,2	110
KS 302/01	5,0	4,0	110
KS 302/02	5,0	4,0	50
KS 303/01	5,0	3,8	110
KS 303/02	5,0	3,8	50
KS 304/01	3,0	3,3	110
KS 305/01	5,0	3,8	110
KS 306/01	5,0	4,0	110
KS 307/01	7,0	4,4	110

Also available in
TITANIUM

	L (mm)	B (mm)	F (g)
KS 307/02	7,0	4,4	70
KS 308/01	7,0	4,6	110
KS 308/02	7,0	4,6	70
KS 309/01	5,0	3,6	110
KS 311/01	5,0	3,5	110
KS 313/01	7,0	4,0	110
KS 313/02	7,0	4,0	70
KS 315/01	5,0	3,5	130
KS 317/01	7,0	5,7	130
KS 319/01	7,0	4,5	130

Aneurysmen- und Gefäßclips
Aneurysm- and Vessel Clips
Clips de Aneurisma
Clips pour Aneurisme
Clips per Aneurismi

Also available in
TITANIUM



B
Maulöffnung
Opening
Abertura
Overture
Apertura

F
Schließkraft
Closing Force
Presión
Pression
Pressione

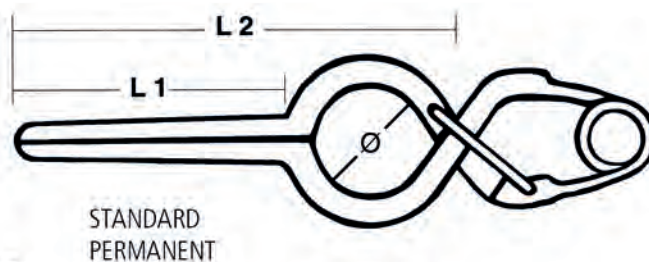


	L (mm)	B (mm)	F (g)		L (mm)	B (mm)	F (g)
KS 330/01	7,0	6,2	150	KS 344/01	20,0	11,4	200
KS 331/01	7,0	6,0	150	KS 344/02	20,0	11,4	90
KS 332/01	9,0	7,0	180	KS 346/01	25,0	13,3	180
KS 332/02	9,0	7,0	70	KS 347/01	15,0	8,7	200
KS 333/01	9,0	6,8	180	KS 347/02	15,0	8,7	70
KS 333/02	9,0	6,8	70	KS 349/01	15,0	7,4	200
KS 334/01	11,0	7,8	180	KS 349/02	15,0	7,4	70
KS 335/01	11,0	7,5	180	KS 351/01	7,0	7,9	200
KS 337/01	7,0	5,5	150	KS 353/01	9,0	8,7	200
KS 339/01	9,0	6,1	180	KS 355/01	20,0	13,0	180
KS 339/02	9,0	6,1	70	KS 357/01	9,0	6,5	200
KS 341/01	11,0	6,5	180	KS 359/01	7,0	4,5	200
KS 342/01	15,0	9,2	200	KS 361/01	7,0	7,2	200
KS 342/02	15,0	9,2	70	KS 363/01	7,0	5,7	200

Also available in
TITANIUM

Aneurysmen- und Gefäßclips
Aneurysm- and Vessel Clips
Clips de Aneurisma
Clips pour Aneurisme
Clips per Aneurismi

Also available in
TITANIUM



B Maulöffnung
Opening
Abertura
Overture
Apertura

F Schließkraft
Closing Force
Presión
Pression
Pressione

Ø 3,5 mm



KS 370/01

KS 370/02

KS 370/03

KS 371/01

KS 371/02

KS 371/03

KS 372/01

KS 372/02

KS 372/03

Ø 5,0 mm



KS 374/01

KS 374/02

KS 374/03

KS 375/01

KS 375/02

KS 375/03

Also available in
TITANIUM

Ø 5,0 mm



KS 376/01

KS 376/02

KS 376/03

KS 377/01

KS 377/02

KS 377/03

	L1/L2 (mm)	B (mm)	F (g)
KS 370/01	6,0/11,0	7,4	150
KS 370/02	9,0/14,0	8,4	150
KS 370/03	12,0/17,0	9,6	180
KS 371/01	5,0/ 9,0	5,8	150
KS 371/02	7,5/11,5	6,5	150
KS 371/03	10,0/14,0	7,2	180
KS 372/01	5,0/ 9,6	4,9	150
KS 372/02	7,5/12,1	4,9	150
KS 372/03	10,0/14,6	4,9	180
KS 374/01	6,0/12,7	7,9	150
KS 374/02	9,0/15,7	9,1	150
KS 374/03	12,0/18,7	10,3	180

Also available in
TITANIUM

	L1/L2 (mm)	B (mm)	F (g)
KS 375/01	5,0/10,5	6,5	150
KS 375/02	7,5/13,0	7,2	150
KS 375/03	10,0/15,5	7,8	180
KS 376/01	5,0/11,0	5,5	150
KS 376/02	7,5/13,5	5,5	150
KS 376/03	10,0/16,0	5,5	180
KS 377/01	5,0/14,8	7,9	150
KS 377/02	7,5/17,3	8,8	150
KS 377/03	10,0/19,8	10,0	180

Anlegezangen für Aneurysmen-Clips
Applying Forceps for Aneurysm Clips
Pinza para juntar clips de Aneurisma
Pince pour poser les clips de Aneurisme
Pinze per applicare clips Aneurismi



18,0 cm/7"

MINI
STANDARD

KS 390/01
KS 390/02



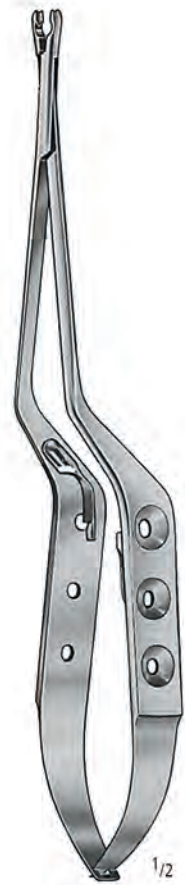
17,0 cm/6³/₄"

KS 391/01
KS 391/02



20,5 cm/8"

KS 392/01
KS 392/02

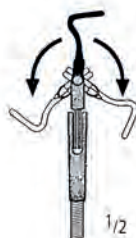


22,5 cm/9"

KS 393/01
KS 393/02

Anlegezangen für Aneurysmen-Clips
Applying Forceps for Aneurysm Clips
Pinza para juntar clips de Aneurisma
Pince pour poser les clips de Aneurisme
Pinze per applicare clips Aneurismi

FLEXIBLE



Beispiel für Drehmechanismus
Example for rotation
Ejemplo para la rotación
Exemple pour la rotation
Esempio per la rotazione



	MINI	STANDARD	MINI	STANDARD
70mm/2 ³ / ₄ "	KS 396/11	KS 396/21	KS 397/11	KS 397/21
90mm/3 ¹ / ₂ "	KS 396/12	KS 396/22	KS 397/12	KS 397/22
110mm/4 ¹ / ₄ "	KS 396/13	KS 396/23	KS 397/13	KS 397/23
130mm/5"	KS 396/14	KS 396/24	KS 397/14	KS 397/24

nicht drehbar
non rotating
non rotatif
non rotativo
non rotatorio

drehbar
rotating
rotatif
rotativo
rotatorio

Muskelspreizer
Dissectomy Retractors
Separadores para músculos
Ecarteurs musculaire
Divaricatori muscolari



KS 520/01



1/1

20 x 50 mm

20 x 60 mm

20 x 70 mm



KS 520/50

KS 520/60

KS 520/70



KS 520/51

KS 520/61

KS 520/71

HEY

KS 520/00

= 1 x KS 520/01
+ 1 x KS 520/50
+ 1 x KS 520/60
+ 1 x KS 520/70
+ 1 x KS 520/37
+ 1 x KS 520/53
+ 1 x KS 520/62



1/1

KS 520/37
37 mm

KS 520/53
53 mm

KS 520/62
62 mm

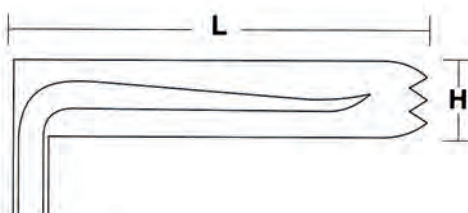
Muskelspreizer
Discectomy Retractors
Separadores para músculos
Ecarteurs musculaire
Divaricatori muscolari



KS 521/51 - KS 521/72
17,0 cm/6³/₄"

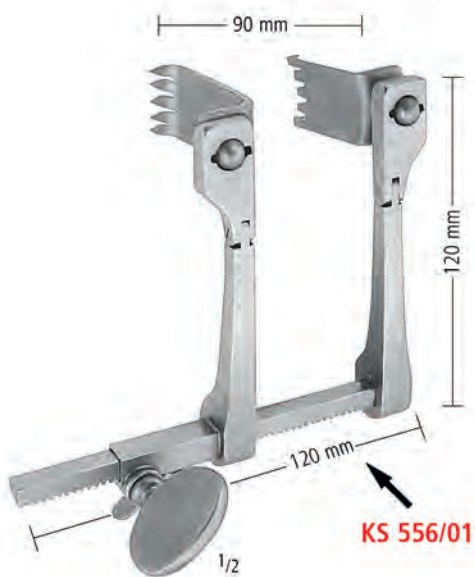


KS 522/51 - KS 522/72
17,0 cm/6³/₄"



L	H	Linksmode Left-type	Rechtsmodel Right-type
50 mm x 10 mm		KS 521/51	KS 522/51
60 mm x 10 mm		KS 521/61	KS 522/61
70 mm x 10 mm		KS 521/71	KS 522/71
50 mm x 20 mm		KS 521/52	KS 522/52
60 mm x 20 mm		KS 521/62	KS 522/62
70 mm x 20 mm		KS 521/72	KS 522/72

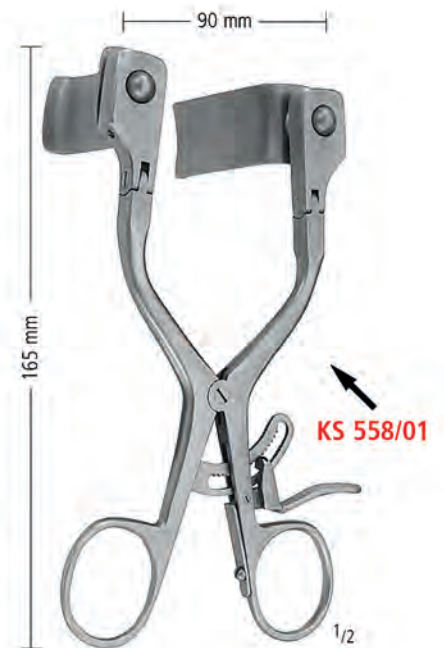
Wundspreizer Wirbelsäule
Cervical Retractors
Separadores vertebrales
Ecarteurs cervicales
Divaricatori vertebrali



CASPAR
KS 556/00
Transversal



CASPAR
KS 557/00



CASPAR
KS 558/00

KS 556/00 = 1 x KS 556/01
+ 1 x KS 559/01
+ 1 x KS 559/02
+ 1 x KS 559/03
+ 1 x KS 559/04
+ 1 x KS 559/05
+ 1 x KS 559/11
+ 1 x KS 559/12
+ 1 x KS 559/13
+ 1 x KS 559/14
+ 1 x KS 559/15

KS 557/00 = 1 x KS 557/01
+ 1 x KS 559/21
+ 1 x KS 559/22
+ 1 x KS 559/23
+ 1 x KS 559/24
+ 1 x KS 559/25

KS 558/00 = 1 x KS 558/01
+ 1 x KS 559/21
+ 1 x KS 559/22
+ 1 x KS 559/23
+ 1 x KS 559/24
+ 1 x KS 559/25

Wundspreizer Wirbelsäule
Cervical Retractors
Separadores vertebrales
Ecarteurs cervicaux
Divaricatori vertebrali



40 x 23 mm **KS 559/01**
45 x 23 mm **KS 559/02**
50 x 23 mm **KS 559/03**
55 x 23 mm **KS 559/04**
60 x 23 mm **KS 559/05**



40 x 23 mm **KS 559/11**
45 x 23 mm **KS 559/12**
50 x 23 mm **KS 559/13**
55 x 23 mm **KS 559/14**
60 x 23 mm **KS 559/15**



45 x 23 mm **KS 559/21**
50 x 23 mm **KS 559/22**
55 x 23 mm **KS 559/23**
60 x 23 mm **KS 559/24**
65 x 23 mm **KS 559/25**



50 x 25 mm **KS 559/50**
60 x 25 mm **KS 559/60**



KS 564/00
11,5 cm/4 1/2"

AA

AB

AC

AE

AK

AO

AR

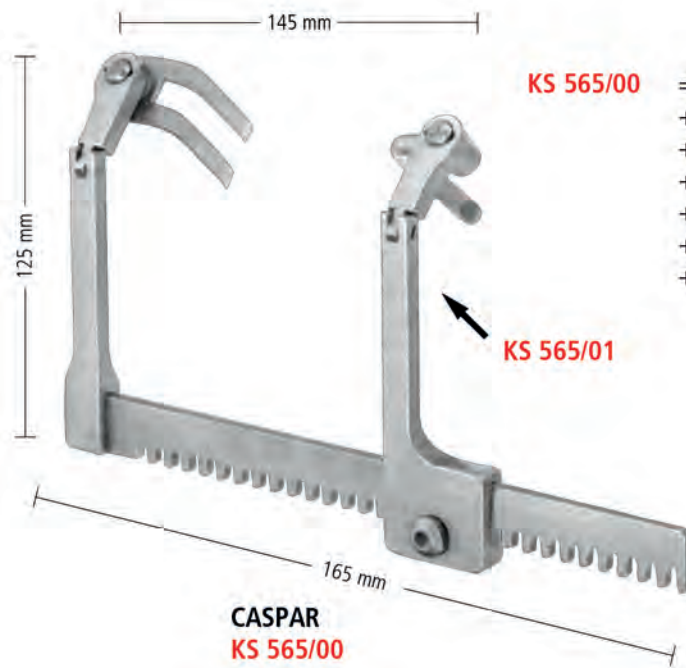
KA

KS

XB

XT

Wundspreizer Wirbelsäule
Cervical Retractors
Separadores vertebrales
Ecarteurs cervicaux
Divaricatori vertebrali



KS 565/00 = 1 x KS 565/01
+ 1 x KS 565/99
+ 1 x KS 566/21
+ 1 x KS 566/22
+ 1 x KS 566/23
+ 1 x KS 566/24
+ 1 x KS 566/25



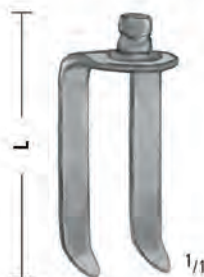
KS 565/99



38 mm
KS 566/01



58 mm
KS 566/02



L
32 mm KS 566/20
37 mm KS 566/21
43 mm KS 566/22
47 mm KS 566/23
52 mm KS 566/24
57 mm KS 566/25
62 mm KS 566/26
67 mm KS 566/27



KS 566/30
KS 566/31
KS 566/32
KS 566/33
KS 566/34
KS 566/35
KS 566/36
KS 566/37



KS 566/40
KS 566/41
KS 566/42
KS 566/43
KS 566/44
KS 566/45
KS 566/46
KS 566/47

Wundspreizer
Retractors
Separadores
Ecarteurs
Divaricatori



CASPAR

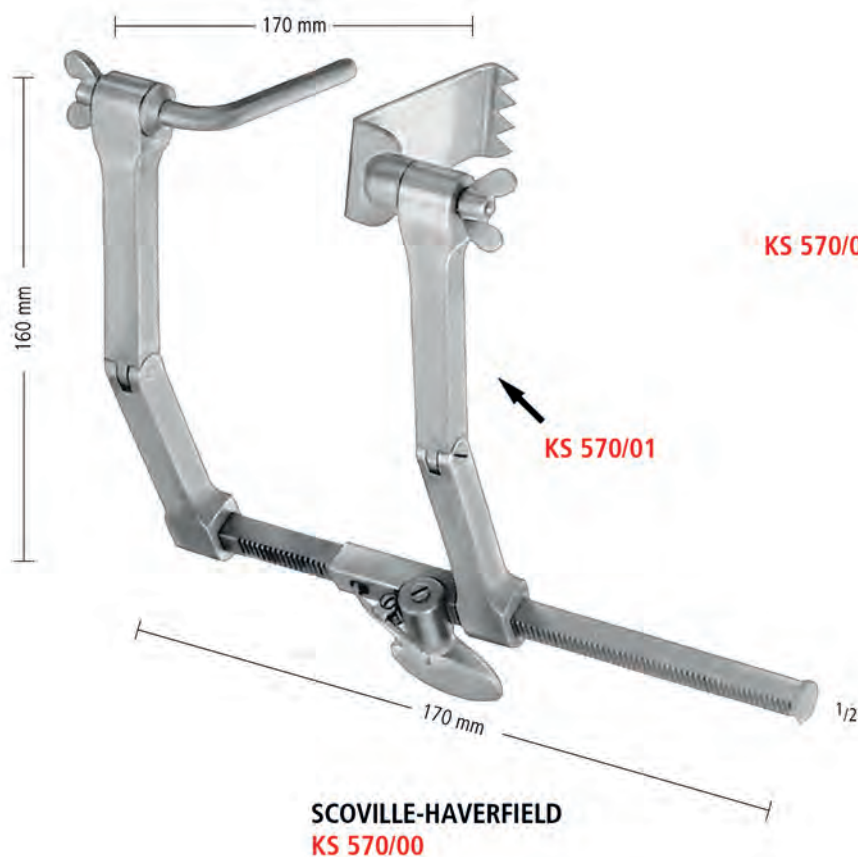


CASPAR



KS 569/00 = 1 x KS 569/01
+ 1 x KS 569/35
+ 1 x KS 569/40
+ 1 x KS 569/45
+ 1 x KS 569/50
+ 1 x KS 569/55
+ 1 x KS 569/60

Wundspreizer
Retractors
Separadores
Ecarteurs
Divaricatori



KS 570/00 = 1 x KS 570/01
+ 1 x KS 570/02
+ 1 x KS 570/10



SCOVILLE
KS 570/02
5,5 cm/2"



SCOVILLE
63 x 25 mm **KS 570/10**
63 x 51 mm **KS 570/11**
67 x 32 mm **KS 570/12**
89 x 25 mm **KS 570/13**

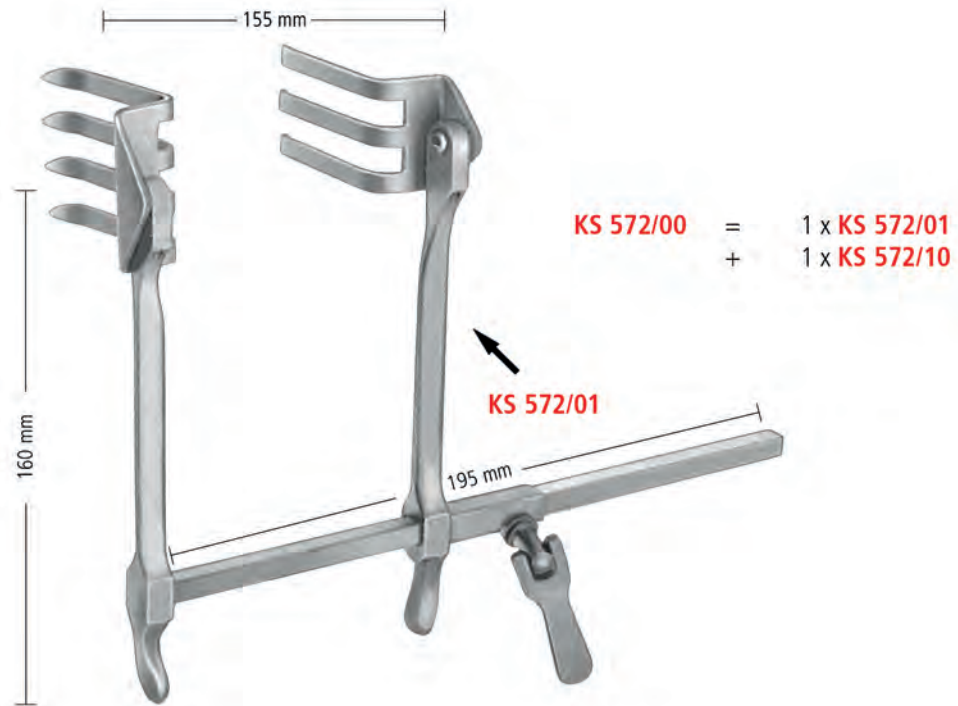


TAYLOR
47 X 37 mm **KS 570/33**



TAYLOR
63 X 51 mm **KS 570/44**

Wundspreizer
Retractors
Separadores
Ecarteurs
Divaricatori



SCOVILLE-RICHTER
KS 572/00



KS 572/10 (Paar/Pair)
62 x 52 mm 62 x 37 mm



KS 572/20
47 x 51 mm

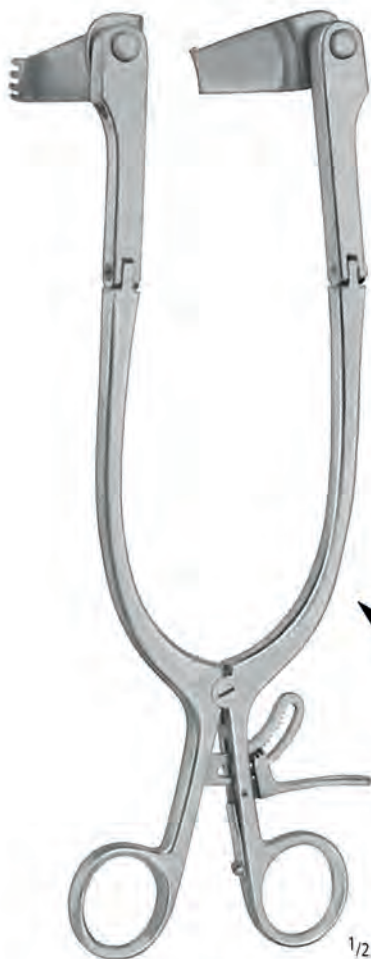


KS 572/30
30 x 40 mm



KS 572/40
37 x 62 mm

Wundspreizer
Retractors
Separadores
Ecarteurs
Divaricatori



CLOWARD modif.
KS 580/00
25,0 cm/10"

KS 580/01



L	
40 mm	KS 580/10
45 mm	KS 580/11
50 mm	KS 580/12
55 mm	KS 580/13
60 mm	KS 580/14



L	
40 mm	KS 580/20
45 mm	KS 580/21
50 mm	KS 580/22
55 mm	KS 580/23
60 mm	KS 580/24

KS 580/00	=	1 x KS 580/01
	+	1 x KS 580/10
	+	1 x KS 580/11
	+	1 x KS 580/12
	+	1 x KS 580/13
	+	1 x KS 580/14

Wundspreizer
Retractors
Separadores
Ecarteurs
Divaricatori



KS 582/00

KS 582/01



L
40 mm
45 mm
50 mm
55 mm
60 mm

KS 580/10
KS 580/11
KS 580/12
KS 580/13
KS 580/14



L
40 mm
45 mm
50 mm
55 mm
60 mm

KS 580/20
KS 580/21
KS 580/22
KS 580/23
KS 580/24

KS 582/00	=	1 x KS 582/01
	+	1 x KS 580/10
	+	1 x KS 580/11
	+	1 x KS 580/12
	+	1 x KS 580/13
	+	1 x KS 580/14

Wirbelkörperspreizer
Lamina Spreaders
Separadores para cuerpos vertebrales
Ecarteurs pour corps vertébraux
Separatori per vertebre



CLOWARD
KS 587/08
T = 70 mm



CLOWARD
KS 588/09 **KS 588/11**
9,0 cm/3³/₄" 11,0 cm/4¹/₄"

Wirbelkörperspreizer
Lamina Spreaders
Separadores para cuerpos vertebrales
Ecarteurs pour corps vertébraux
Separatori per vertebre



HARMS
KS 590/01
18,0 cm/7"

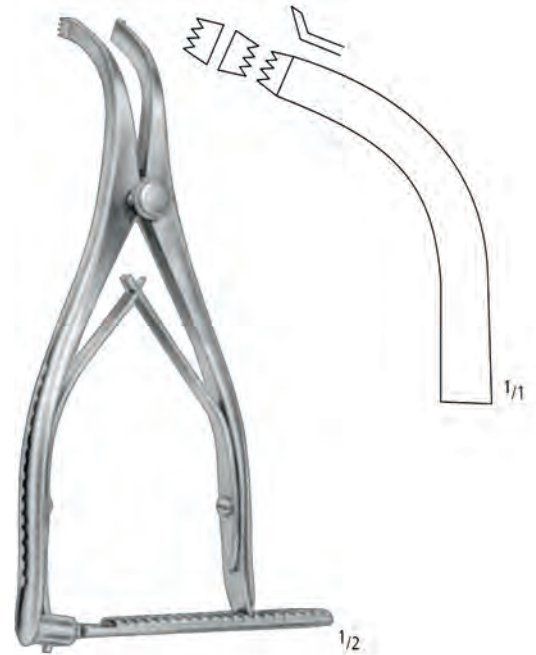


HARMS
KS 590/02
18,0 cm/7"

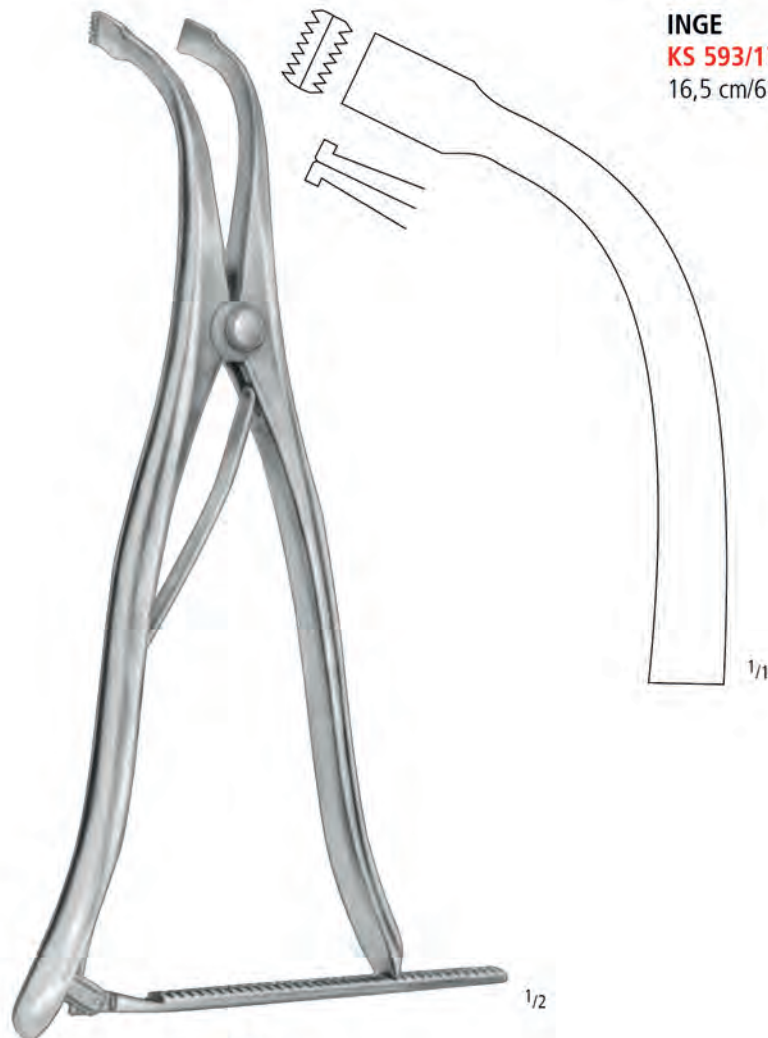
Wirbelkörperspreizer
Lamina Spreaders
Separadores para cuerpos vertebrales
Ecarteurs pour corps vertébraux
Separatori per vertebre



CLOWARD
KS 592/16
16,0 cm/6¹/₂"

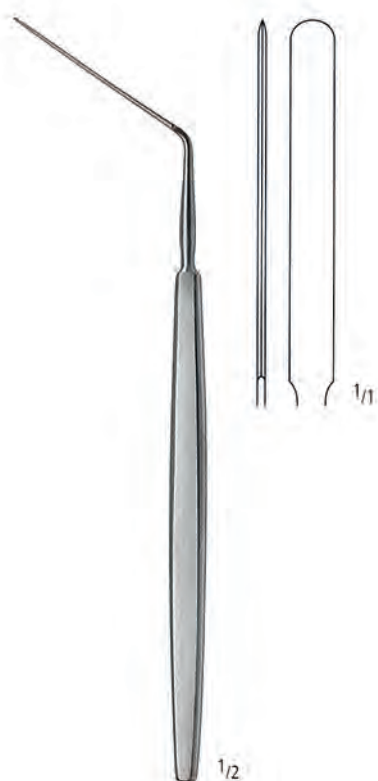


INGE
KS 593/17
16,5 cm/6¹/₂"



INGE
KS 594/27
27,0 cm/10³/₄"

Nervwurzelhaken
Nerve Root Retractors
Separadores de raíz de nervios
Rétracteurs pour racines nerveuses
Uncini per le radici dei nervi



HORSLEY
KS 607/20
20,0 cm/8"

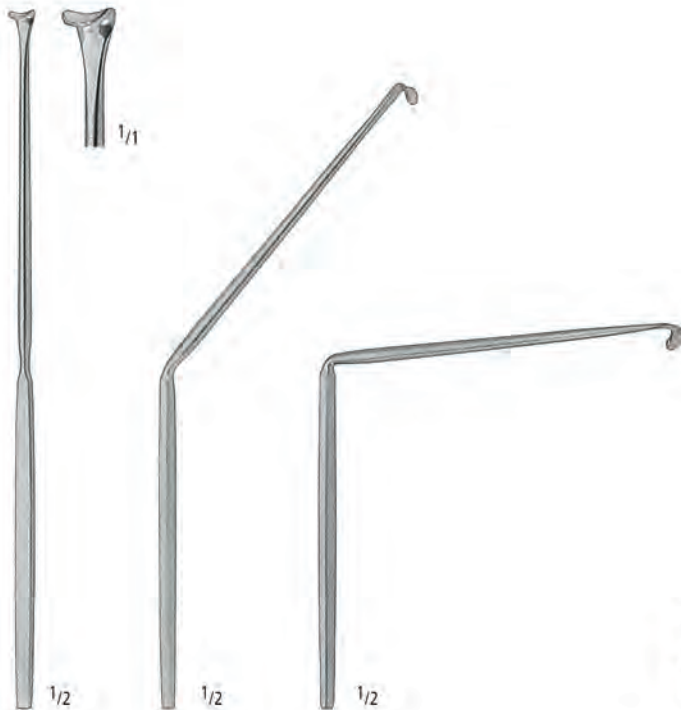


SACHS
KS 608/21
21,0 cm/8 1/2"



SCOVILLE
KS 609/23
23,0 cm/9 1/4"

Nervwurzelhaken
Nerve Root Retractors
Separadores de raíz de nervios
Rétracteurs pour racines nerveuses
Uncini per le radici dei nervi



LOVE

45°

90°

KS 610/01

KS 610/02

KS 610/03

19,0 cm/7 1/2"

19,0 cm/7 1/2"

19,0 cm/7 1/2"

Tip
3 mm
5 mm
7 mm

L
7,0 cm/3"

KS 610/11

KS 610/12

KS 610/13

L
10,0 cm/4"

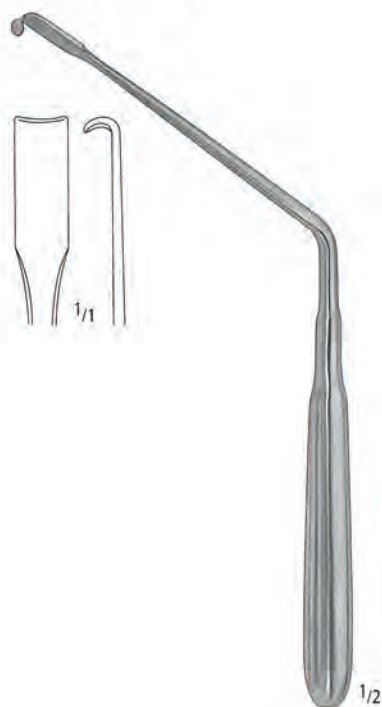
KS 610/21

KS 610/22

KS 610/23

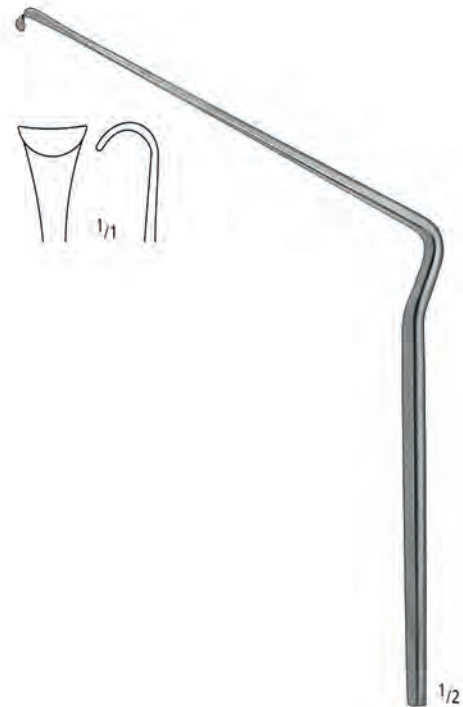


LOVE modif.



KS 611/20

20,0 cm/8"



MARTIN

KS 612/21

21,0 cm/8 1/4"

Nervhaken
Nerve Hooks
Ganchos para nervios
Crochets à nerfs
Uncini per nervi

AA

AB

AC

AE

AG

AO

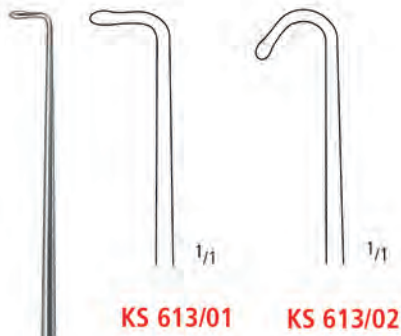
AR

KA

KS

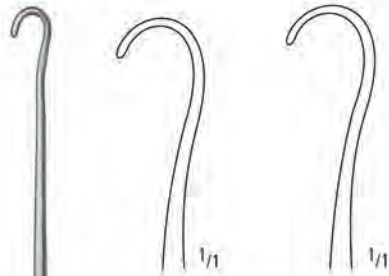
KB

KT



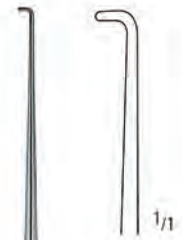
KS 613/01

KS 613/02



KS 614/17
17,0 cm/6 1/2"

KS 614/21
21,0 cm/8 1/4"



GRONINGEN
26,0 cm/10 1/4"

SMITHWICK

DANDY
KS 615/20
20,0 cm/8"

Nervhaken
Nerve Hooks
Ganchos para nervios
Crochets à nerfs
Uncini per nervi



1/1

KRAYENBÜHL
18,5 cm/7 1/4"



1/1

KS 616/01



1/1

KS 616/02



1/1

KS 616/03



1/1

KS 616/04



1/1

BIEMER
KS 617/16
16,0 cm/6 1/4"



1/1

FISCH
18,5 cm/7 1/4"



1/1

KS 618/01



1/1

KS 618/02

Durahaken
Dura Hooks
Ganchos para dura-madre
Crochets à dure-mère
Uncini per dura-madre



CUSHING
KS 620/14
14,0 cm/5 1/2"



ADSON
KS 621/20
20,0 cm/8"



GRAHAM
KS 622/16
16,5 cm/6 1/2"

Dura Dissektoren
Dura Dissectors
Disecadores para dura-madre
Dissecteurs à dure-mère
Dissettori per dura-madre



3 mm
stumpf
blunt
romo
mousse
smusso

KS 627/01
18,5 cm/7¹/₄"

KS 627/02
21,5 cm/8¹/₂"

KS 627/03
23,0 cm/9"



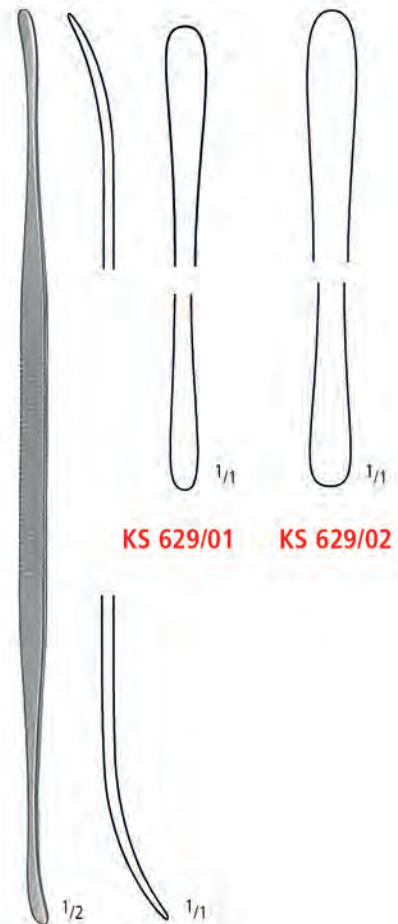
DAVIS
KS 628/24
24,5 cm/9³/₄"



KS 629/01

KS 629/02

TÖNNIS
24,0 cm/9¹/₂"



Dura Dissektoren
Dura Dissectors
Disecadores para dura-madre
Dissecteurs à dure-mère
Dissetori per dura-madre



SACHS
KS 631/21
21,0 cm/8 1/4"



SACHS
KS 632/21
21,0 cm/8 1/4"



FRAZIER
KS 633/01
15,0 cm/6"



HOEN
KS 633/02
15,0 cm/6"



HOEN
KS 633/03
15,0 cm/6"

Dura Dissektoren
Dura Dissectors
Disecadores para dura-madre
Dissecteurs à dure-mère
Dissetori per dura-madre



KS 634/18
18,0 cm/7"

KS 635/20
19,5 cm/7³/₄"

KS 634/24
24,0 cm/9¹/₂"

KS 635/24
24,0 cm/9¹/₂"

1/2

OLIVECRONA



MILLIGAN
KS 636/21
21,0 cm/8¹/₄"



1/2

1/1

KS 637/22
22,0 cm/8³/₄"

Dura Dissektoren
Dura Dissectors
Disecadores para dura-madre
Dissecteurs à dure-mère
Dissetori per dura-madre



PENFIELD
KS 638/01
17,5 cm/7"



PENFIELD
KS 638/02
19,5 cm/7³/₄"



PENFIELD
KS 638/03
19,5 cm/7³/₄"



PENFIELD
KS 638/04
20,5 cm/8"



PENFIELD
KS 638/05
29,0 cm/11¹/₂"

Mikro-Instrumente
Micro Instruments
Instrumentos para microcirugía
Instruments pour la chirurgie micro
Strumenti per chirurgia micro



KS 640/01



KS 640/02

^{1/1} 23,0 cm/9"



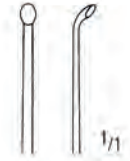
KS 640/03



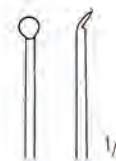
KS 640/04



KS 640/05



KS 640/06



KS 640/07

^{1/1} 23,0 cm/9"

Mikro-Instrumente
Micro Instruments
Instrumentos para microcirugía
Instruments pour la chirurgie micro
Strumenti per chirurgia micro



KS 642/01
23,0 cm/9"



KS 642/02
20,0 cm/8"

1/1 CASPAR

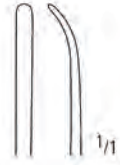


KS 642/03
23,0 cm/9"

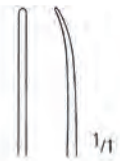


KS 642/05
21,0 cm/8 1/4"

1/1 CASPAR



KS 642/04
23,0 cm/9"



KS 642/06
21,0 cm/8 1/4"

Mikro-Instrumente
Micro Instruments
Instrumentos para microcirugía
Instruments pour la chirurgie micro
Strumenti per chirurgia micro



KS 643/19
18,5 cm / 7 1/4"



1/1



KS 643/22
21,5 cm / 8 1/2"



1/1

CASPAR



KS 644/01
24,5 cm / 9 3/4"



KS 644/02
24,5 cm / 9 3/4"



KS 644/03
24,5 cm / 9 3/4"



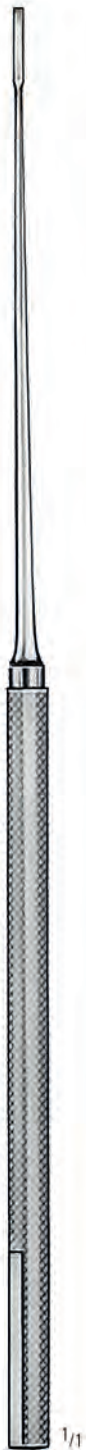
KS 644/04
24,5 cm / 9 3/4"

XT	XB	KS	KA	AR	AO	AK	AE	AI	AB	AA
----	----	----	----	----	----	----	----	----	----	----

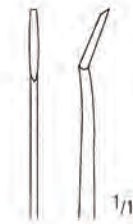


139

Mikro-Instrumente
Micro Instruments
Instrumentos para microcirugía
Instruments pour la chirurgie micro
Strumenti per chirurgia micro



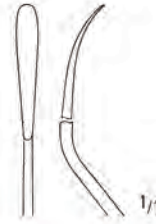
18,5 cm/7 1/4"



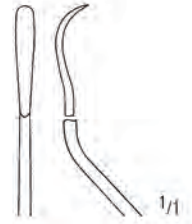
KS 650/01



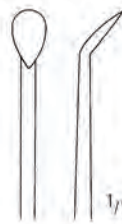
KS 650/02



KS 650/06



KS 650/07



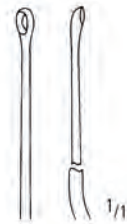
KS 650/03



KS 650/04



KS 650/08



KS 650/09



KS 650/05



18,5 cm/7 1/4"

Mikro-Instrumente
Micro Instruments
Instrumentos para microcirugía
Instruments pour la chirurgie micro
Strumenti per chirurgia micro



KOOS
19,0 cm/7 1/2"



KS 652/01



KS 652/02



KS 652/03



KS 652/04



KS 652/05



KS 652/06

Mikro-Instrumente
Micro Instruments
Instrumentos para microcirugía
Instruments pour la chirurgie micro
Strumenti per chirurgia micro

Schneide seitlich
Lateral cutting edge
Filo de corte lateral
Trachant latéral
Taglio laterale



KRAUS
KS 653/19
19,0 cm/7 1/2"



KS 654/01
19,0 cm/7 1/2"



KS 654/02
19,0 cm/7 1/2"



Diagram of a single-stranded DNA molecule with a loop structure. The molecule consists of a long vertical strand with a small loop at the top. The loop is formed by the strand folding back on itself. The label '1/1' is positioned to the right of the diagram.

Diagram of a vertical rod with a U-shaped top, labeled $1/1$.

Mikro-Instrumente
Micro Instruments
Instrumentos para microcirugía
Instruments pour la chirurgie micro
Strumenti per chirurgia micro



OKONEK
1/1 23,0 cm/9"

3 mm



KS 660/03

4 mm



KS 660/04

5 mm



KS 660/05

8 mm



KS 660/08



1/1 19,0 cm/7 1/2"



KS 665/01



KS 665/02

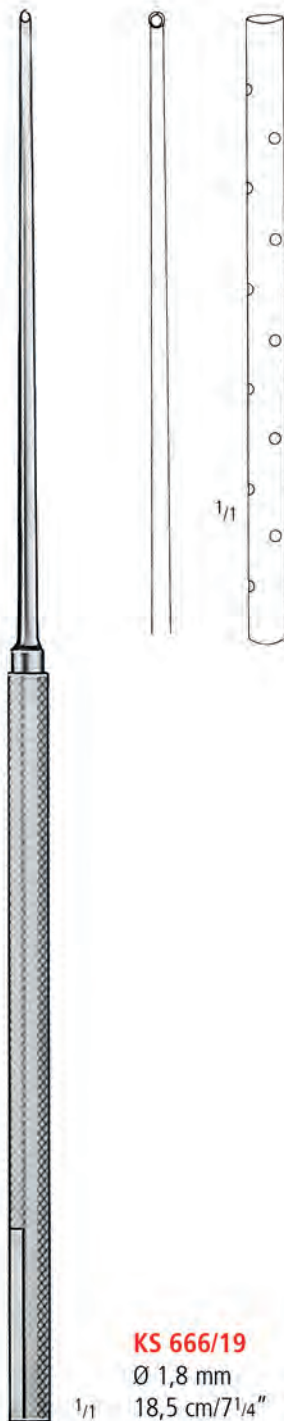


KS 665/03



KS 665/04

Mikro-Instrumente
Micro Instruments
Instrumentos para microcirugía
Instruments pour la chirurgie micro
Strumenti per chirurgia micro



Rhoton Mikro Dissektoren
Rhoton Micro Dissectors
Rhoton micro disecadores
Rhoton micro dissecteurs
Rhoton micro dissectori



RHOTON



KS 680/01



KS 680/02



KS 680/03



KS 680/04



KS 680/05



KS 680/06



KS 680/07



KS 680/08



KS 680/09

Rhoton Mikro Dissektoren
Rhoton Micro Dissectors
Rhoton micro disecadores
Rhoton micro dissecteurs
Rhoton micro dissectori



RHOTON



KS 680/10



KS 680/11



KS 680/12



KS 680/13



KS 680/14



KS 680/15

KS 680/00 = KS 680/01 - KS 680/15

Set komplett, 15 Dissektoren
Set complete, 15 dissectors
Set completo, 15 disecadores
Jeu complet, 15 dissecteurs
Set completo, 15 dissectori

Mikro-Instrumente
Micro Instruments
Instrumentos para microcirugía
Instruments pour la chirurgie micro
Strumenti per la chirurgia micro

8,0 cm/3 1/4"



KS 690/10

rechts
right
derecha
à droite
destra



KS 690/30

links
left
izquierda
à gauche
sinistra



KS 690/40



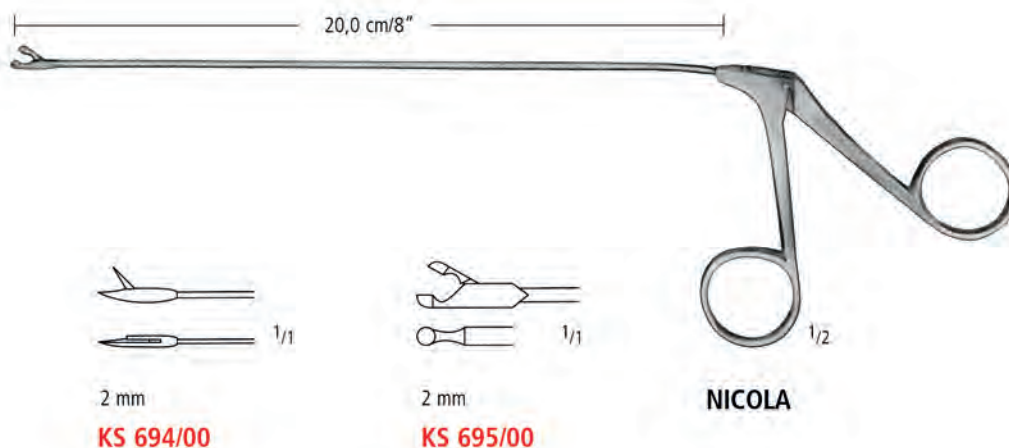
BELLUCCI

16,5 cm/6 1/2"



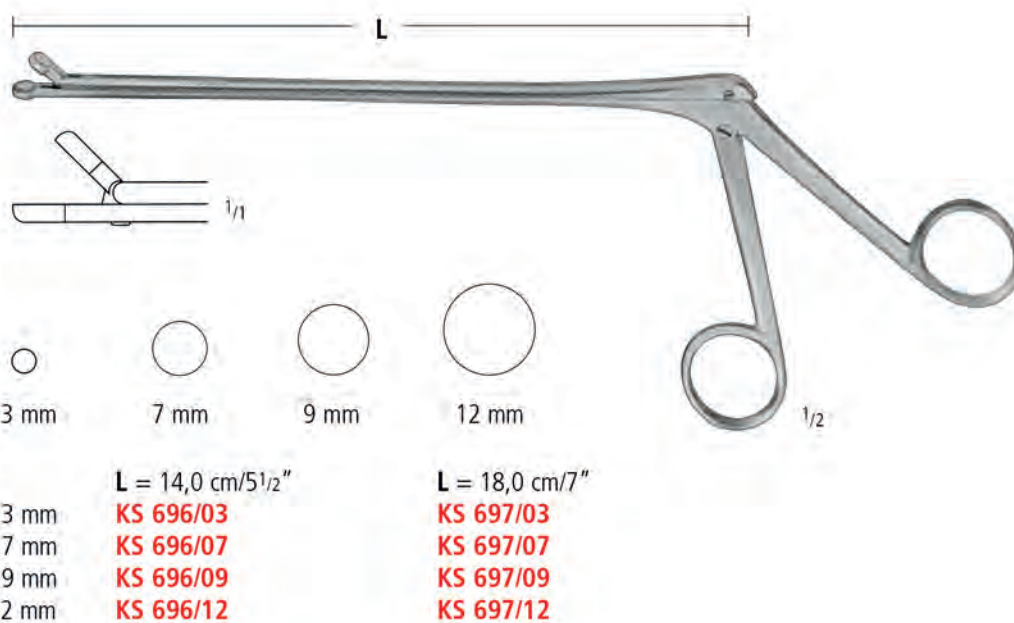
FAHLBUSCH
KS 693/17

Mikro-Instrumente
Micro Instruments
Instrumentos para microcirugía
Instruments pour la chirurgie micro
Strumenti per la chirurgia micro



rechts
right
derecha
à droite
destra

links
left
izquierda
à gauche
sinistra



Laminektomie-Stanzen
Laminectomy Punches
Pinzas cortantes para discos intervertebrales
Pincas emporte-pièces pour lames intervertébrales
Pinze taglianti per dischi intervertebrali



KERRISON

Also available in
TITANIUM



	15,0 cm/6"	18,0 cm/7"	20,0 cm/8"
1 mm	KS 700/01	KS 701/01	KS 702/01
2 mm	KS 700/02	KS 701/02	KS 702/02
3 mm	KS 700/03	KS 701/03	KS 702/03
5 mm	KS 700/05	KS 701/05	KS 702/05

Also available in
TITANIUM



	15,0 cm/6"	18,0 cm/7"	20,0 cm/8"
1 mm	KS 706/01	KS 707/01	KS 708/01
2 mm	KS 706/02	KS 707/02	KS 708/02
3 mm	KS 706/03	KS 707/03	KS 708/03
5 mm	KS 706/05	KS 707/05	KS 708/05



	15,0 cm/6"	18,0 cm/7"	20,0 cm/8"
1 mm	KS 712/01	KS 713/01	KS 714/01
2 mm	KS 712/02	KS 713/02	KS 714/02
3 mm	KS 712/03	KS 713/03	KS 714/03
5 mm	KS 712/05	KS 713/05	KS 714/05

Laminektomie-Stanzen
Laminectomy Punches
Pinzas cortantes para discos intervertebrales
Pincas emporte-pièces pour lames intervertébrales
Pinze taglienti per dischi intervertebrali

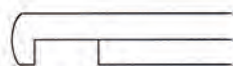


easyClean[®]

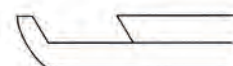
ZERLEGBAR
DETACHABLE
DESMONTABLE
DEMONTABLE
SMONTABILE



	18,0 cm/7"	20,0 cm/8"
1 mm	KS 701/11	KS 702/11
2 mm	KS 701/12	KS 702/12
3 mm	KS 701/13	KS 702/13
4 mm	KS 701/14	KS 702/14
5 mm	KS 701/15	KS 702/15



	18,0 cm/7"	20,0 cm/8"
2 mm	KS 707/12	KS 708/12
3 mm	KS 707/13	KS 708/13
4 mm	KS 707/14	KS 708/14
5 mm	KS 707/15	KS 708/15

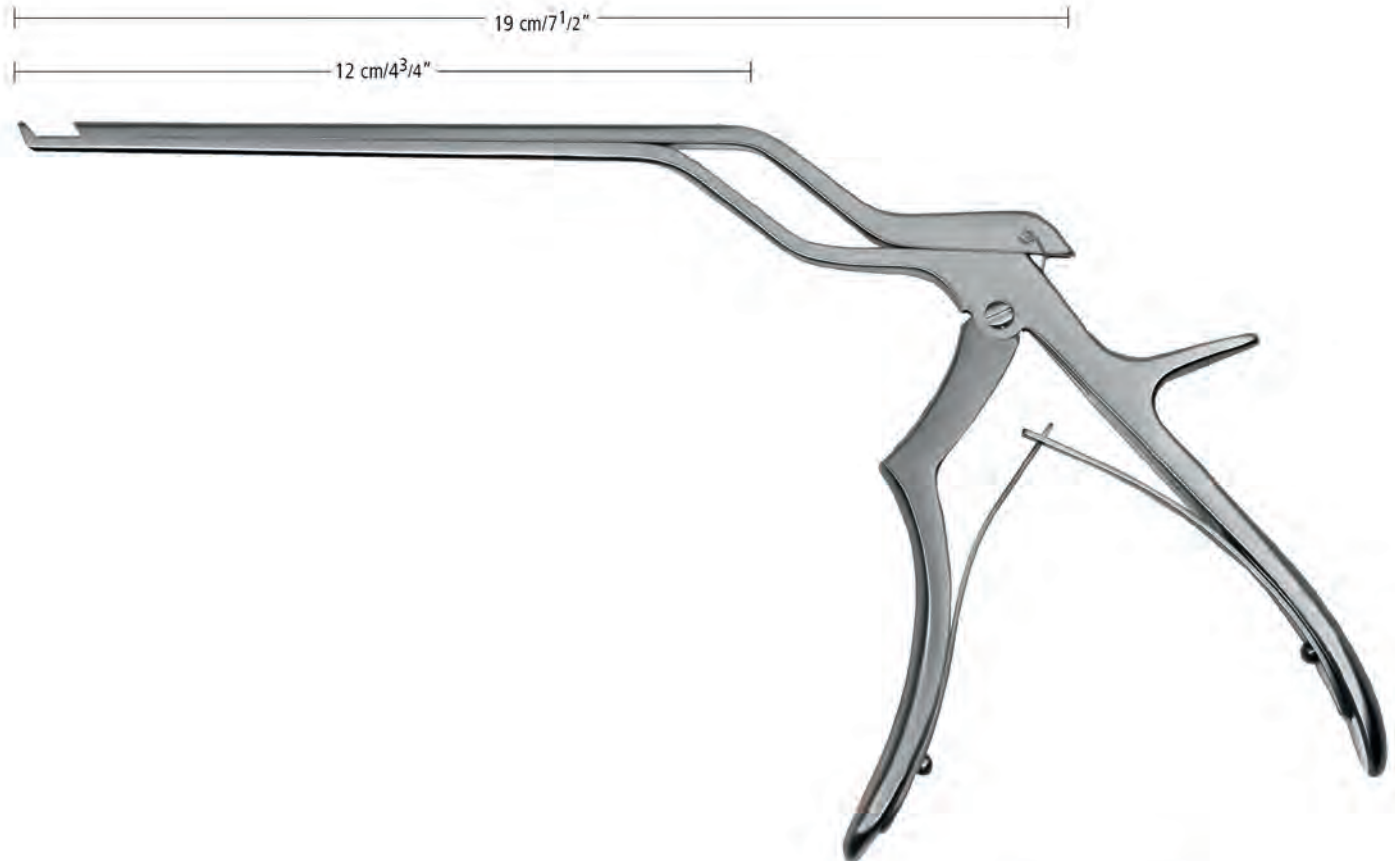


	18,0 cm/7"	20,0 cm/8"
1 mm	KS 713/11	KS 714/11
2 mm	KS 713/12	KS 714/12
3 mm	KS 713/13	KS 714/13
4 mm	KS 713/14	KS 714/14
5 mm	KS 713/15	KS 714/15

AA
AB
AC
AE
AG
AO
AR
KA
KR
KT

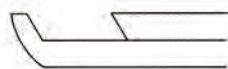
KS

Laminektomie-Stanzen
Laminectomy Punches
Pinzas cortantes para discos intervertebrales
Pincas emporte-pièces pour lames intervertébrales
Pinze taglienti per dischi intervertebrali



KERRISON-BAJONETT

12,0 cm / 4 3/4"



2 mm
3 mm
4 mm
5 mm

KS 715/12
KS 715/13
KS 715/14
KS 715/15

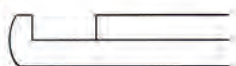
Laminektomie-Stanzen
Laminectomy Punches
Pinzas cortantes para discos intervertebrales
Pincas emporte-pièces pour lames intervertébrales
Pinze taglienti per dischi intervertebrali



großer Griff
large handle
mango grande
branche grande
impugnatura grande

KERRISON-COLCLOUGH

Also available in
TITANIUM



2 mm
3 mm
4 mm
5 mm

15,0 cm/6"

KS 720/02
KS 720/03
KS 720/04
KS 720/05

18,0 cm/7"

KS 721/02
KS 721/03
KS 721/04
KS 721/05

20,0 cm/8"

KS 722/02
KS 722/03
KS 722/04
KS 722/05

30,0 cm/12"

KS 725/02
KS 725/03
KS 725/04
KS 725/05

KS

Also available in
TITANIUM



2 mm
3 mm
4 mm
5 mm

15,0 cm/6"

KS 726/02
KS 726/03
KS 726/04
KS 726/05

18,0 cm/7"

KS 727/02
KS 727/03
KS 727/04
KS 727/05

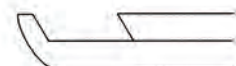
20,0 cm/8"

KS 728/02
KS 728/03
KS 728/04
KS 728/05

30,0 cm/12"

KS 731/02
KS 731/03
KS 731/04
KS 731/05

KS



2 mm
3 mm
4 mm
5 mm

15,0 cm/6"

KS 732/02
KS 732/03
KS 732/04
KS 732/05

18,0 cm/7"

KS 733/02
KS 733/03
KS 733/04
KS 733/05

20,0 cm/8"

KS 734/02
KS 734/03
KS 734/04
KS 734/05

30,0 cm/12"

KS 737/02
KS 737/03
KS 737/04
KS 737/05

KS

Laminektomie-Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomía
Pincas emporte-pièces à laminectomie
Pinze taglienti per laminectomia



Also available in
TITANIUM

CUSHING
LOVE-GRUENWALD
SPURLING



CUSHING
2 x 10 mm



13,0 cm/5"
15,0 cm/6"
18,0 cm/7"
20,0 cm/8"
25,0 cm/10"
30,0 cm/12"

KS 742/00
KS 742/04
KS 742/08
KS 742/12
KS 742/16
KS 742/20

KS 742/01
KS 742/05
KS 742/09
KS 742/13
KS 742/17
KS 742/21

KS 742/03
KS 742/07
KS 742/11
KS 742/15
KS 742/19
KS 742/23

LOVE-GRUENWALD
3 x 10 mm



13,0 cm/5"
15,0 cm/6"
18,0 cm/7"
20,0 cm/8"
25,0 cm/10"
30,0 cm/12"

KS 743/00
KS 743/04
KS 743/08
KS 743/12
KS 743/16
KS 743/20

KS 743/01
KS 743/05
KS 743/09
KS 743/13
KS 743/17
KS 743/21

KS 743/03
KS 743/07
KS 743/11
KS 743/15
KS 743/19
KS 743/23

SPURLING
4 x 10 mm



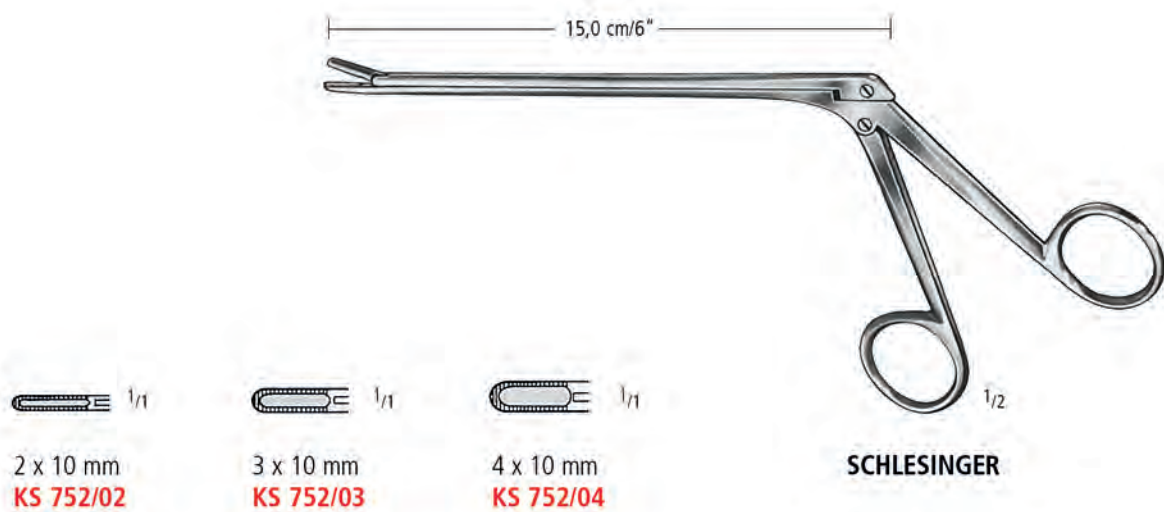
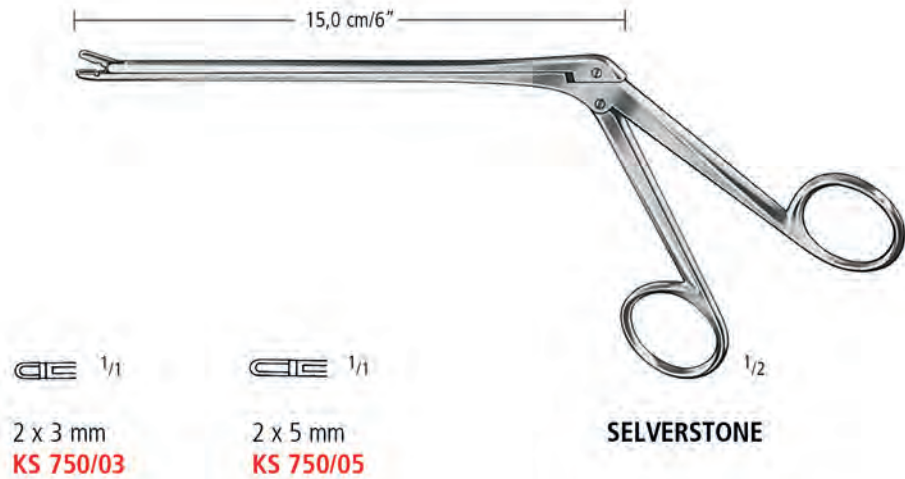
13,0 cm/5"
15,0 cm/6"
18,0 cm/7"
20,0 cm/8"
25,0 cm/10"
30,0 cm/12"

KS 744/00
KS 744/04
KS 744/08
KS 744/12
KS 744/16
KS 744/20

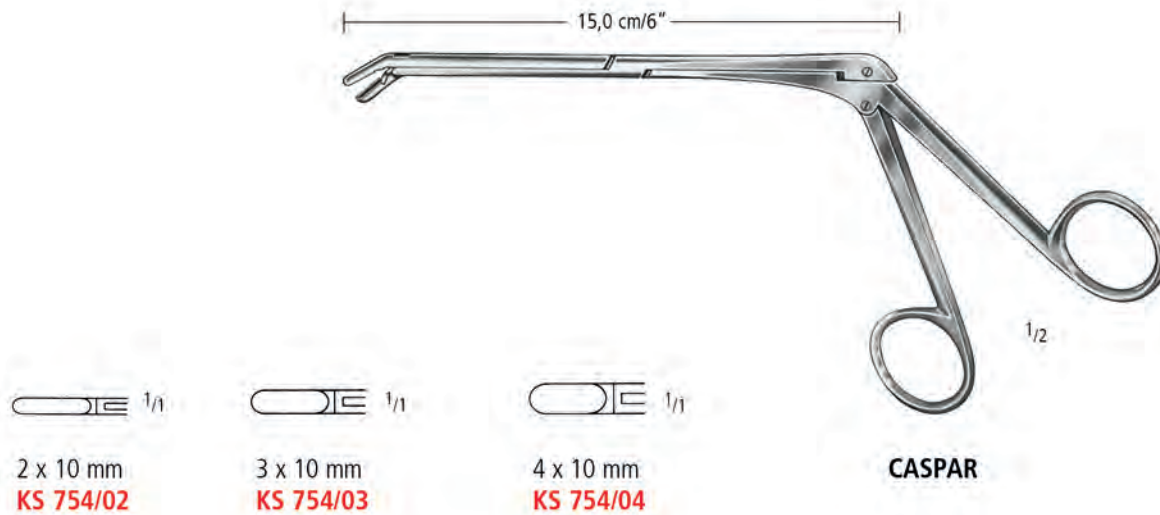
KS 744/01
KS 744/05
KS 744/09
KS 744/13
KS 744/17
KS 744/21

KS 744/03
KS 744/07
KS 744/11
KS 744/15
KS 744/19
KS 744/23

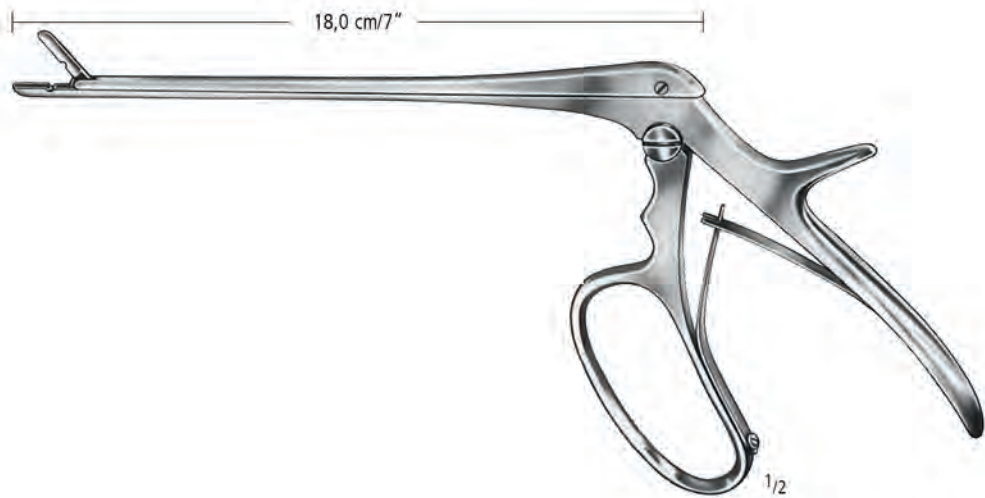
Laminektomie-Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomía
Pincas emporte-pièces à laminectomie
Pinze taglienti per laminectomia



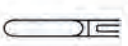
Laminektomie-Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomía
Pincas emporte-pièces à laminectomie
Pinze taglienti per laminectomia



Laminektomie-Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomía
Pincas emporte-pièces à laminectomie
Pinze taglienti per laminectomia



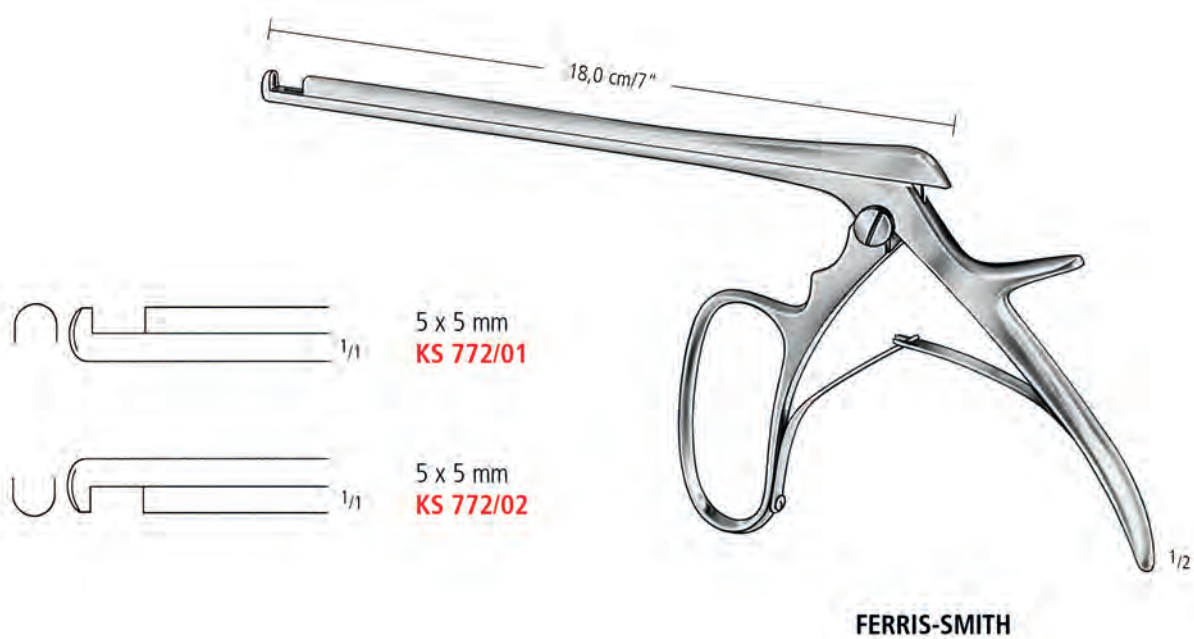
FERRIS-SMITH-CUSHING

	 1/1	 1/1	 1/1	 1/1
 1/1	2 x 10 mm KS 762/00	3 x 10 mm KS 763/00	4 x 10 mm KS 764/00	6 x 12 mm KS 766/00
 1/1	KS 762/01	KS 763/01	KS 764/01	KS 766/01
 1/1	KS 762/03	KS 763/03	KS 764/03	KS 766/03

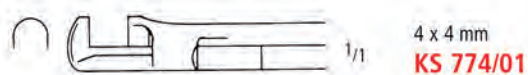


OLDBERG
KS 770/00

Laminektomie-Stanzen
Laminectomy Punches
Pinzas cortantes para discos intervertebrales
Pinces emporte-pièces pour lames intervertébrales
Pinze taglianti per dischi intervertebrali



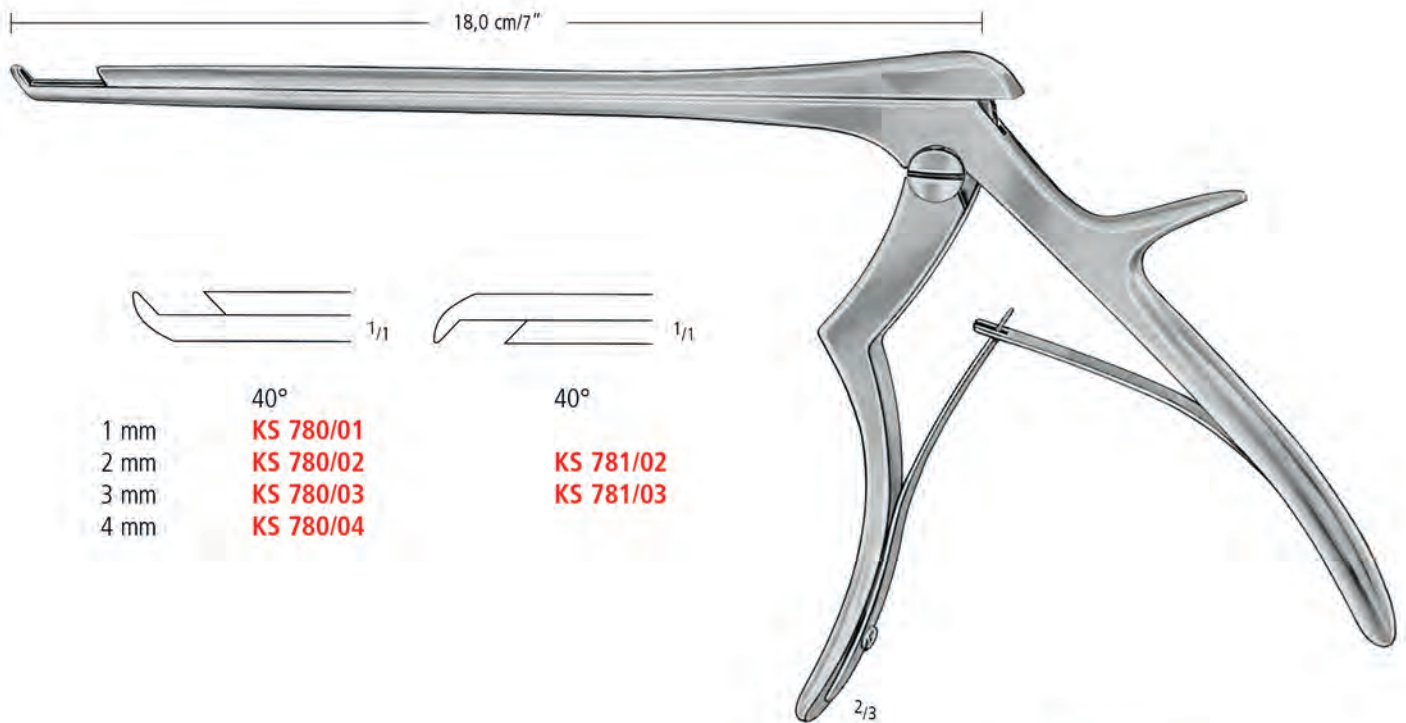
Laminektomie-Stanzen
Laminectomy Punches
Pinzas cortantes para discos intervertebrales
Pincas emporte-pièces pour lames intervertébrales
Pinze taglienti per dischi intervertebrali



HAJEK-KOFFLER



Laminektomie-Stanzen
Laminectomy Punches
Pinzas cortantes para discos intervertebrales
Pincas emporte-pièces pour lames intervertébrales
Pinze taglienti per dischi intervertebrali



Hypophysen-Instrumente
Pituitary Instruments
Instrumentos para hipófisis
Instruments pour la chirurgie pituitaire
Strumenti per ipofisi cerebrale



LANDOLT
KS 804/09
Ø 9 mm

Hypophysen-Instrumente
Pituitary Instruments
Instrumentos para hipófisis
Instruments pour la chirurgie pituitaire
Strumenti per ipofisi cerebrale



CUSHING-LANDOLT

L	
70 x 15 mm	KS 820/01
90 x 15 mm	KS 820/02
110 x 15 mm	KS 820/03



LANDOLT

KS 821/21

21,5 cm/8 1/2"

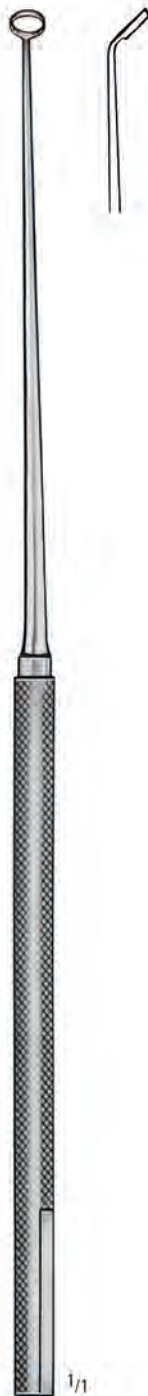


COTTLE

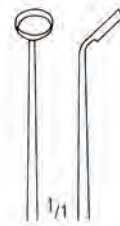
KS 822/04

18 cm/7"

Hypophysen-Instrumente
Pituitary Instruments
Instrumentos para hipófisis
Instruments pour la chirurgie pituitaire
Strumenti per ipofisi cerebrale



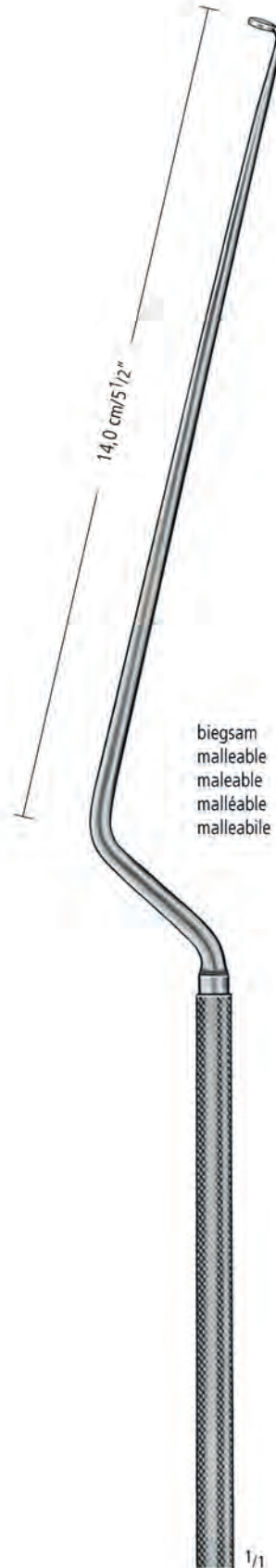
RAY
18,0 cm/7¹/₄"



Ø 4 mm
KS 830/18



Ø 4 mm
KS 831/18



HARDY
26,0 cm/10¹/₄"



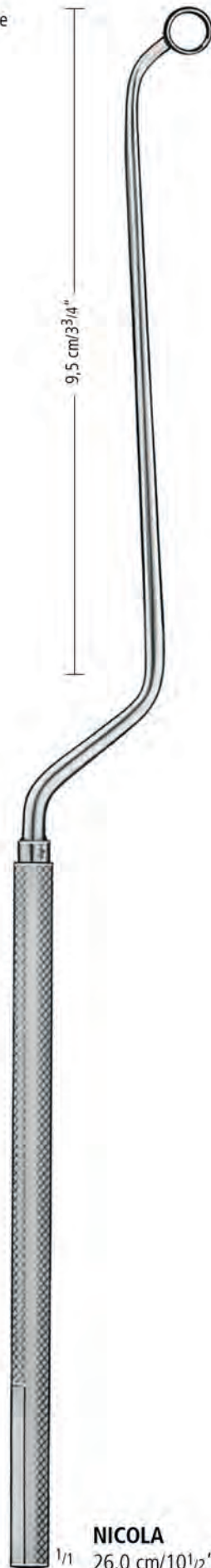
Ø 4 mm
KS 832/04



Ø 6 mm
KS 832/06

biegsam
malleable
maleable
malleable
malleabile

Hypophysen-Instrumente
Pituitary Instruments
Instrumentos para hipófisis
Instruments pour la chirurgie pituitaire
Strumenti per ipofisi cerebrale



KS 834/01
biegsam
malleable
maleable
malléable
malleabile



KS 834/02
biegsam
malleable
maleable
malléable
malleabile



KS 835/22



KS 836/22

NICOLA
1/1 26,0 cm / 10 1/2"

Hypophysen-Instrumente
Pituitary Instruments
Instrumentos para hipófisis
Instruments pour la chirurgie pituitaire
Strumenti per ipofisi cerebrale



1/1

HARDY
26,0 cm / 10 1/4"



1/1

KS 837/01
stumpf
blunt
romo
mousse
smusso



1/1

KS 837/02
stumpf
blunt
romo
mousse
smusso



1/1

KS 837/03
scharf
sharp
cortante
tranchante
tagliente



1/1

KS 837/04
scharf
sharp
cortante
tranchante
tagliente



1/1

HARDY
KS 838/25



1/1

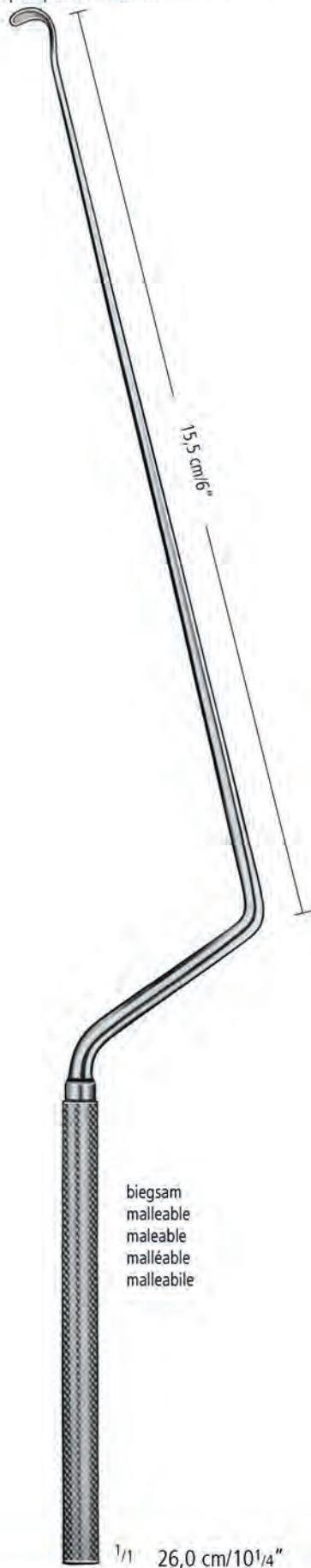
HARDY-FAHLBUSCH
KS 839/01
scharf
sharp
cortante
tranchante
tagliente



1/1

HARDY-FAHLBUSCH
KS 839/02
scharf
sharp
cortante
tranchante
tagliente

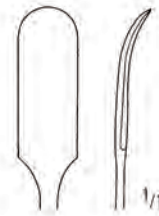
Hypophysen-Instrumente
Pituitary Instruments
Instrumentos para hipófisis
Instruments pour la chirurgie pituitaire
Strumenti per ipofisi cerebrale



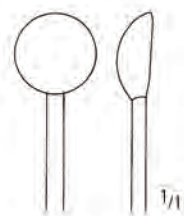
LANDOLT
KS 840/01



LANDOLT
KS 840/02



LANDOLT
KS 841/26



LANDOLT
KS 842/26



LANDOLT
KS 843/26



FAHLBUSCH
KS 844/26

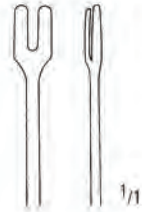
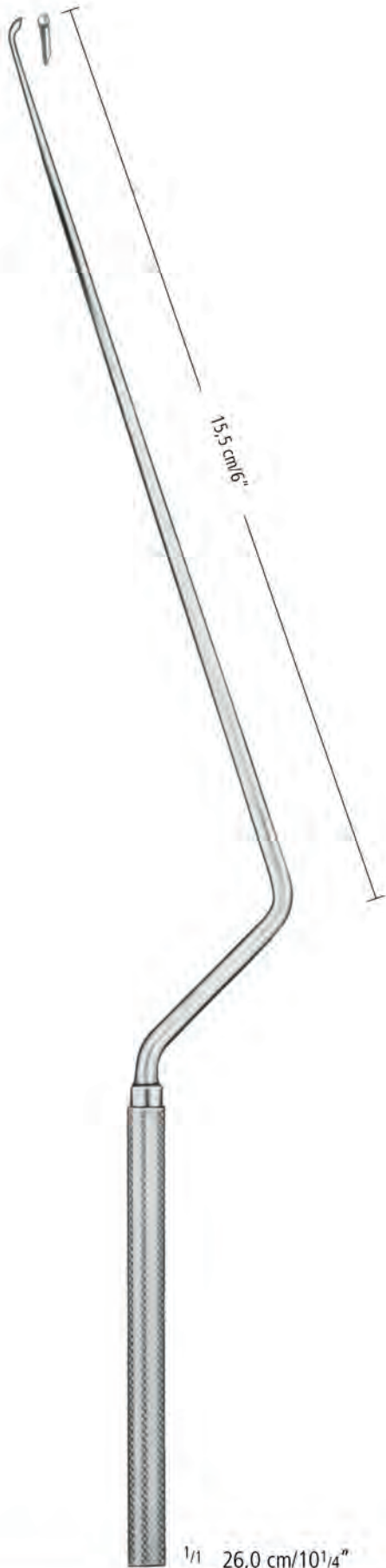


FAHLBUSCH
KS 845/26

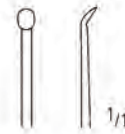
biegsam
malleable
maleable
malléable
malleabile

$\frac{1}{11}$ 26,0 cm/10 $\frac{1}{4}$ "

Hypophysen-Instrumente
Pituitary Instruments
Instrumentos para hipófisis
Instruments pour la chirurgie pituitaire
Strumenti per ipofisi cerebrale



HOSOBUCHI
KS 846/26



LANDOLT-REULEN
Ø 2,2 mm
KS 847/22



LANDOLT-REULEN
Ø 3,2 mm
KS 847/32



LANDOLT-REULEN
Ø 2,5 mm
KS 848/25



LANDOLT-REULEN
Ø 1,7 mm
KS 849/17



LANDOLT-REULEN
Ø 2,0 mm
KS 850/20

ENDOSKOPIE
ENDOSCOPY
ENDOSCOPIA
ENDOSCOPIE
ENDOSCOPIA

XR

nopa[®] instruments

Unser komplettes **Endoskopie**-Programm finden Sie in Katalog **X - ENDOSKOPIE**.

For our complete program in **endoscopy** please refer to catalogue **X - ENDOSCOPY**.

Para nuestro programa completo de **endoscopia** vea el catálogo **X - ENDOSCOPIA**.

Pour notre programme complet d'**endoscopie** voir le catalogue **X - ENDOSCOPIE**.

Per la nostra gamma completa di **endoscopia** la preghiamo di consultare il catalogo **X - ENDOSCOPIA**.



Anschlußkabel
Connection Cords
Cables de connexion
Câbles de raccordement
Cavi da connessione

monopolar

bipolar



MARTIN/BERCHTOLD

300 cm XR 827/03
500 cm XR 827/05

XR 828/03
XR 828/05

XR 830/03
XR 830/05

monopolar

bipolar

monopolar

bipolar



300 cm ERBE XR 831/03
500 cm ERBE XR 831/05
(ACC/ICC)

ERBE XR 831/13
(T-Serie)

ERBE/SELECT
XR 832/03
XR 832/05

ERBE
XR 833/03
XR 833/05

VALLEYLAB
XR 834/03
XR 834/05
(in D nicht zulässig
nach MedGV)

ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

Bi-Koagulations-Pinzetten
Bi-Coagulation-Forceps
Pinzas para la Bi-Coagulación
Pince pour la Bi-Coagulation
Pinze per la Bi-Coagulazione



16,0 cm/6 1/4"	XR 890/16 A	XR 891/16 C	XR 894/16 C		
16,0 cm/6 1/4"	XR 890/16 C	XR 891/16 D	XR 894/16 D		
16,0 cm/6 1/4"	XR 890/16 E	XR 891/16 E			
20,0 cm/8"	XR 890/20 A	XR 891/20 A	XR 894/20 A		
20,0 cm/8"	XR 890/20 C	XR 891/20 C	XR 894/20 C	XR 895/20 C	XR 896/20 C
20,0 cm/8"	XR 890/20 E	XR 891/20 F	XR 894/20 E		
20,0 cm/8"			XR 894/20 F		
22,0 cm/8 3/4"	XR 890/22 A	XR 891/22 C	XR 894/22 D		
22,0 cm/8 3/4"	XR 890/22 C		XR 894/22 E		XR 896/22 C

A=2,0 mm

C=1,0 mm



D=0,5 mm

E=Nadel

F=Profil



11,0 cm/4 1/4"	XR 898/11 D	XR 899/11 D
11,0 cm/4 1/4"	XR 898/11 E	XR 899/11 E

ENDOSKOPIE
ENDOSCOPY
ENDOSCOPIA
ENDOSCOPIE
ENDOSCOPIA

XT

nopa[®] instruments

Unser komplettes **Endoskopie**-Programm finden Sie in Katalog **X - ENDOSKOPIE**.

For our complete program in **endoscopy** please refer to catalogue **X - ENDOSCOPY**.

Para nuestro programa completo de **endoscopia** vea el catálogo **X - ENDOSCOPIA**.

Pour notre programme complet d'**endoscopie** voir le catalogue **X - ENDOSCOPIE**.

Per la nostra gamma completa di **endoscopia** la preghiamo di consultare il catalogo **X - ENDOSCOPIA**.



Kaltlichtkabel
Fibre optic cable
Cable fibra óptica
Câble fibre optique
Cavo fibra ottica



Kaltlichtkabel-Grundkabel
Basic fibre optic cable

XT 035/18 Ø 3,5 mm, 180 cm
XT 035/23 Ø 3,5 mm, 230 cm
XT 035/30 Ø 3,5 mm, 300 cm

XT 045/18 Ø 4,5 mm, 180 cm
XT 045/23 Ø 4,5 mm, 230 cm
XT 045/30 Ø 4,5 mm, 300 cm



XT 070/18 Ø 3,5 mm, 180 cm
XT 070/23 Ø 3,5 mm, 230 cm
XT 070/30 Ø 3,5 mm, 300 cm

>> Zusätzliche Isolierung
>> Metallspirale
>> Silikonmantel
>> Sterilisierbar

>> Additionally insulated
>> Metal spiral
>> Silicon tube
>> Autoclavable

AA
AB
AC
AE
AK
AO
AR
KA
KS
XR

XT

Adapter
Adapter
Adaptador
Connexion
Adattatore

Projektor-Seite
Projector side

Adapter

Endoskop-Seite
Endoscope side

XT 100/01



STORZ



XT 100/11

STORZ/WINTER + IBE
OLYMPUS/STRYKER

XT 100/02



WOLF/HENKE-SASS



XT 100/12

WOLF/HENKE-SASS

XT 100/03



ACM/HEINE



XT 100/13

ACM/HEINE

XT 100/05



OLYMPUS

Bestellinformation / Ordering information

>> Bitte bestellen Sie Kaltlicht-
grundkabel mit 2 Adaptern

>> Please order the basic fibre
optic cable and two adapters

IV

VB

AV

AV

AV

AV

AV

AV

AV

AV

XT

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