
neurochirurgie

neurosurgery

neurocirugía

neurochirurgie

neurochirurgia

nopa[®] instruments





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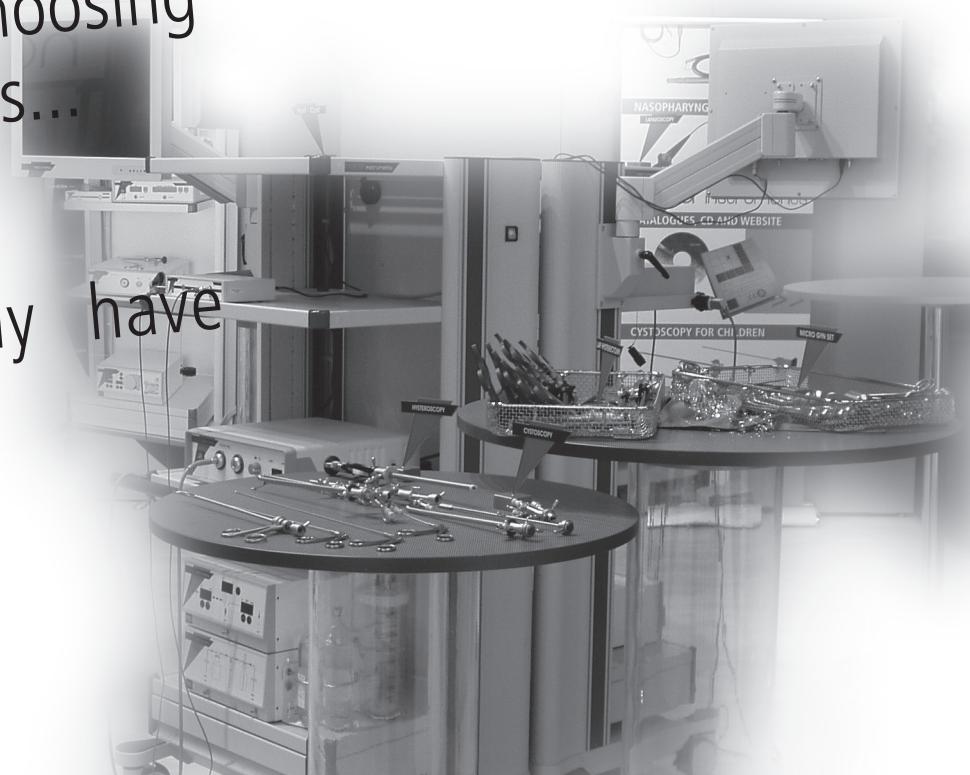
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...you obviously have
good taste

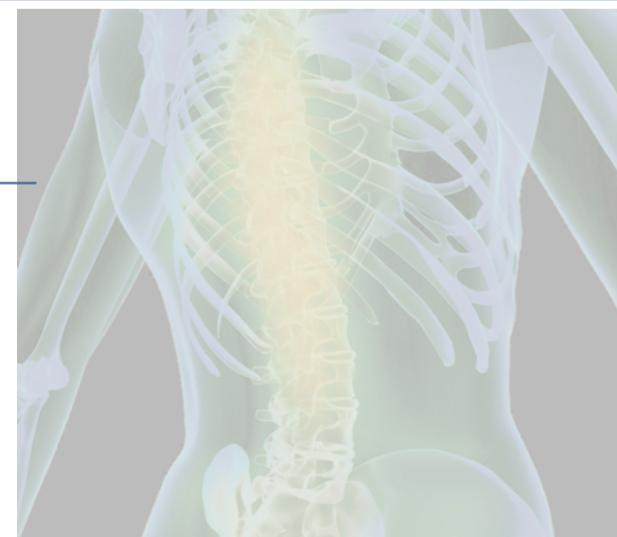
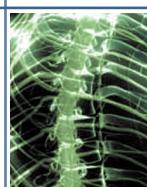


nopa® instruments

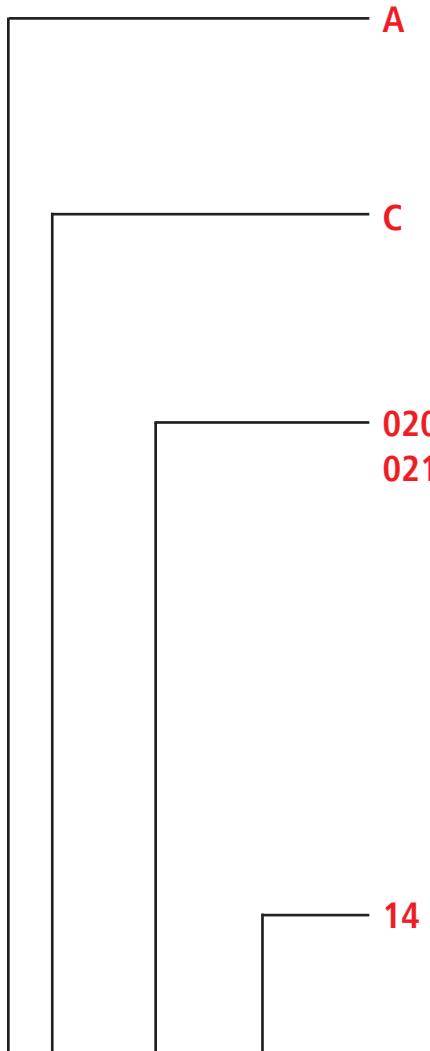
neurochirurgie

neurosurgery

neurocirugía
neurochirurgie
neurochirurgia



ARTIKELCODE

**Allgemeines Instrumentarium**

General Instruments
Instrumental Géneral
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

Artikelcode **AC 020/14**

INDEX

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>> Pinzetten >> Forceps >> Pinzas >> Pinces >> Pinze	15–24	AB
>> Scheren >> Scissors >> Tijeras >> Ciseaux >> Forbici	24–38	AC
>> Naht >> Suture >> Sutura >> Suture >> Sutura	39–46	AE
>> Wundhaken >> Retractors >> Separadores >> Ecarteurs >> Divaricatori	47–58	AK
>> Punktion/Kanülen >> Puncture/Special Needles >> Punción/Agujas especiales >> Punction/Aiguilles spéciales >> Puntura/Aghi speciali	59–60	AO
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>> Endoskopie >> Endoscopy >> Endoscopia >> Endoscopie >> Endoscopia	171–174	XR
>> Endoskopie >> Endoscopy >> Endoscopia >> Endoscopie >> Endoscopia	175–180	XT

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nopa® instruments

Products Shopping Trolley

Artery Forceps

Article number	Description / Name	Product size	Form / Figure
AA 111/3	SPENCER-WELLS ARTERY FORCEPS	13 cm	straight
AA 111/4	SPENCER-WELLS ARTERY FORCEPS	14 cm	str
AA 111/5	SPENCER-WELLS ARTERY FORCEPS	15,5 cm	str
AA 111/8	SPENCER-WELLS ARTERY FORCEPS	16 cm	str
AA 111/20	SPENCER-WELLS ARTERY FORCEPS	20 cm	str
AA 111/3	SPENCER-WELLS ARTERY FORCEPS	13 cm	cu
AA 111/4	SPENCER-WELLS ARTERY FORCEPS	14 cm	cu
AA 111/5	SPENCER-WELLS ARTERY FORCEPS	15,5 cm	cu
AA 111/8	SPENCER-WELLS ARTERY FORCEPS	16 cm	cu
AA 111/20	SPENCER-WELLS ARTERY FORCEPS	20 cm	cu
AA 114/0	HARTMANN ARTERY FORCEPS	10 cm	str
AA 115/0	HARTMANN ARTERY FORCEPS	10 cm	cu
AA 116/08	CARREL ARTERY FORCEPS	8,5 cm	straight
AA 116/09	TERRIER ARTERY FORCEPS 1x2T.	8,5 cm	straight

Quick search >> enter search string Unit cm

Shop > Catalogues > A - General Instruments > AA - Hemostats > Artery Forceps



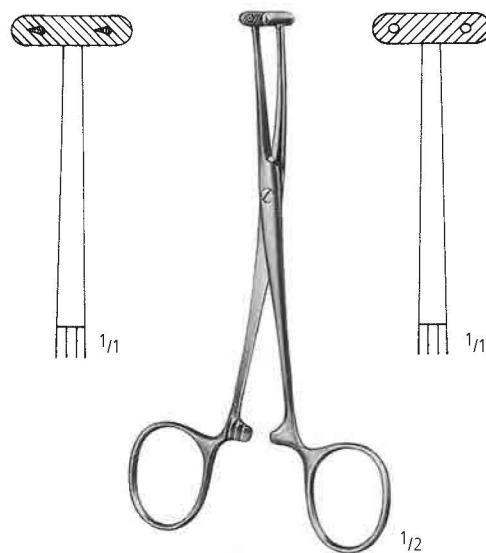
KLEMMEN
HEMOSTATS
PINZAS HEMOSTATICAS
PINCES HEMOSTATIQUES
PINZE EMOSTATICHE

AA

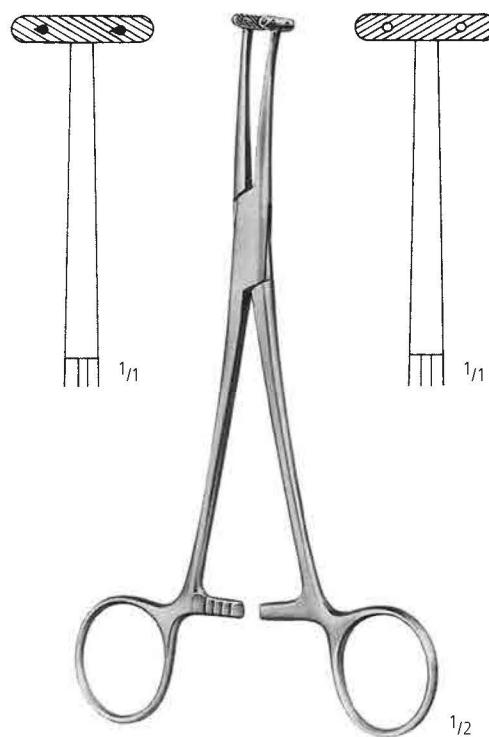
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>>

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



MARTEL
AA 078/14
14,0 cm/5 $\frac{1}{2}$ "



WILLET-MARTEL
AA 078/19
19,0 cm/7 $\frac{1}{2}$ "

KLEMMEN HEMOSTATS PINZAS HEMOSTATICAS PINCES HEMOSTATIQUES PINZE EMOSTATICHE

Feine Arterienklemmen
 Fine Artery Forceps
 Pinzas hemostáticas finas
 Pinces hémostatiques fines
 Pinze emostatica fine

AA

AB

AC

AE

AK

AO

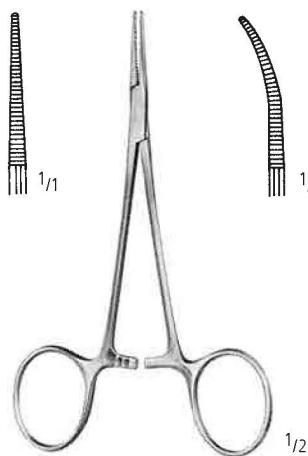
AR

KA

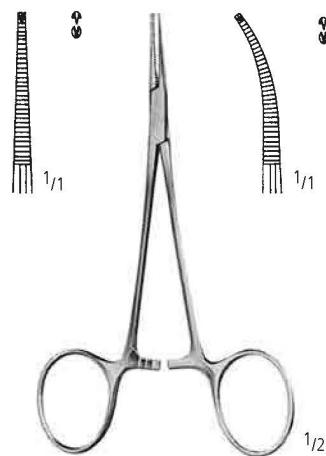
KS

XR

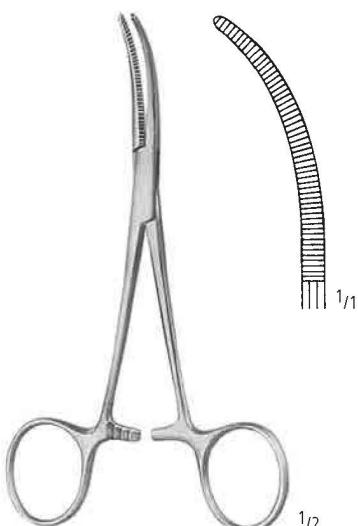
XT



MICRO-MOSQUITO
 AA 130/10 AA 131/10
 AA 130/12 AA 131/12



MICRO-MOSQUITO 1:2
 AA 132/10 AA 133/10
 AA 132/12 AA 133/12



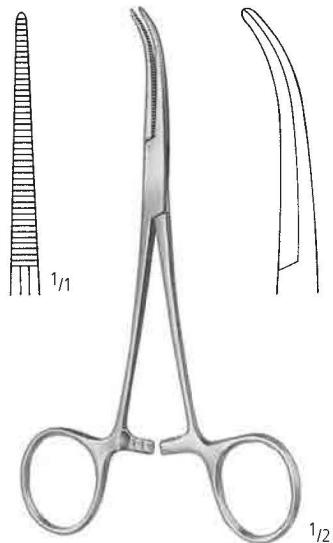
BABY-OVERHOLT
 AA 225/13
 13,5 cm/5¹/₄"



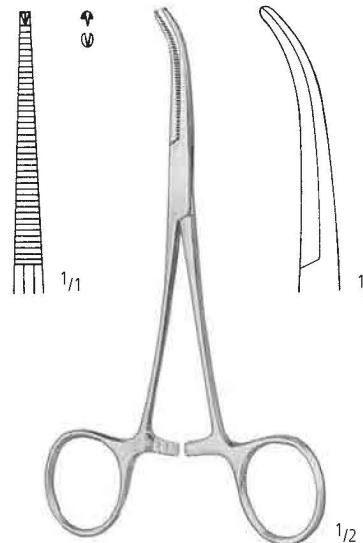
BABY-ADSON
 AA 235/14
 14,0 cm/5¹/₂"

AA KLEMMEN HEMOSTATS PINZAS HEMOSTATICAS PINCES HEMOSTATIQUES PINZE EMOSTATICHE

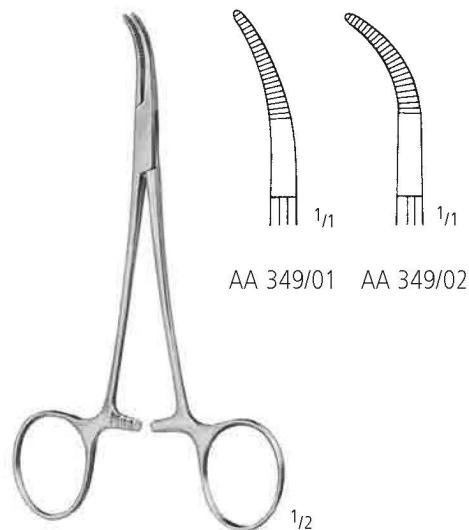
Präparierklemmen
Dissecting Forceps
Pinzas para preparaciones
Pince à dissection
Pinze per preparazione



DANDY
AA 291/14
14,0 cm/5½"



DANDY 1:2
AA 293/14
14,0 cm/5½"

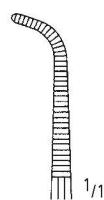


BABY-MIXTER
14,0 cm/5½"

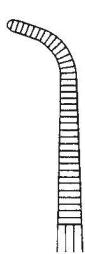


GEMINI

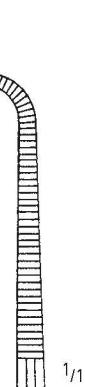
AA 365/14
14,0 cm/5½"



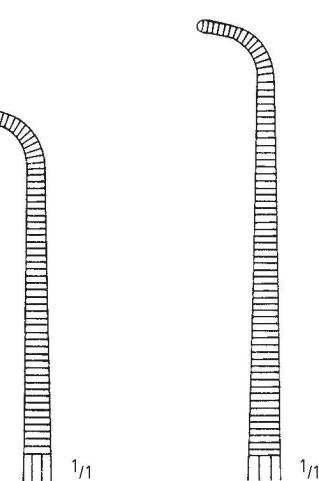
AA 365/18
18,0 cm/7"



AA 365/22
22,0 cm/8¾"



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 pince 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

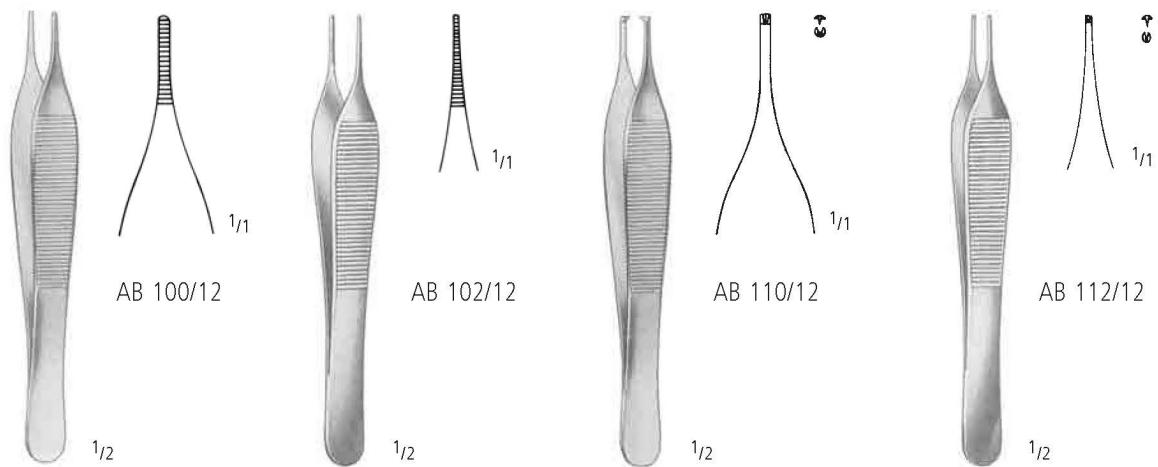
AB

nopa® instruments

>>

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

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



12,0 cm/4 $\frac{3}{4}$ "
 15,0 cm/6"

ADSON

AB 100/12
 AB 100/15

MICRO-ADSON

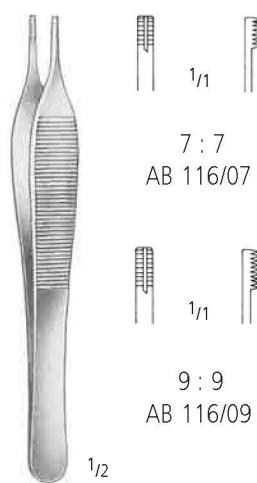
AB 102/12
 AB 102/15

ADSON 1:2

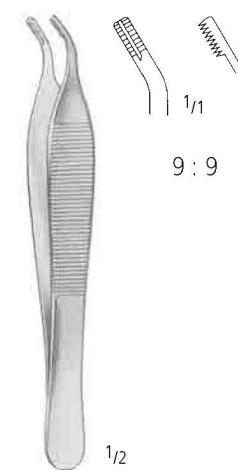
AB 110/12
 AB 110/15

MICRO-ADSON 1:2

AB 112/12
 AB 112/15

**ADSON-BROWN**

12,0 cm/4 $\frac{3}{4}$ "

**ADSON-BROWN**

AB 117/09
 12,0 cm/4 $\frac{3}{4}$ "

PINZETTEN FORCEPS PINZAS PINCES PINZE

Anatomische Pinzetten, Chirurgische Pinzetten

Dressing Forceps, Tissue Forceps

Pinzas de disección, Pinzas de disección con dientes

Pinces à dissection, Pinces à griffes

Pinze anatomiche per dissezione, Pinze chirurgiche a denti di topo

AA

AB

AC

AE

AK

AO

AR

KA

KS

XR

XT

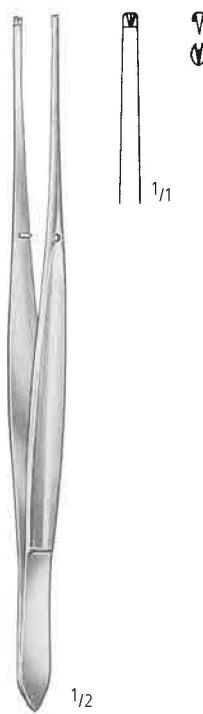
**CUSHING**

AB 180/17

17,5 cm/7"

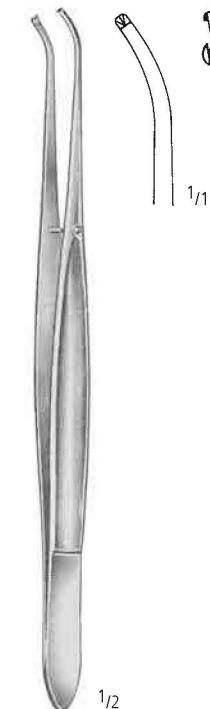
CUSHING

AB 181/17

**CUSHING 1:2**

AB 190/17

17,5 cm/7"

**CUSHING 1:2**

AB 191/17

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

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



No. 1 AB 501/01
12,0 cm/4 3/4"



No. 2 AB 501/02
12,0 cm/4 3/4"



No. 3 AB 501/03
12,0 cm/4 3/4"



No. 4 AB 501/04
11,0 cm/4 1/4"



No. 5 AB 501/05
11,0 cm/4 1/2"



No. 5a AB 501/15
11,0 cm/4 1/2"



No. 5/45° AB 501/45
10,5 cm/4"



No. 5/90° AB 501/90
10,5 cm/4"



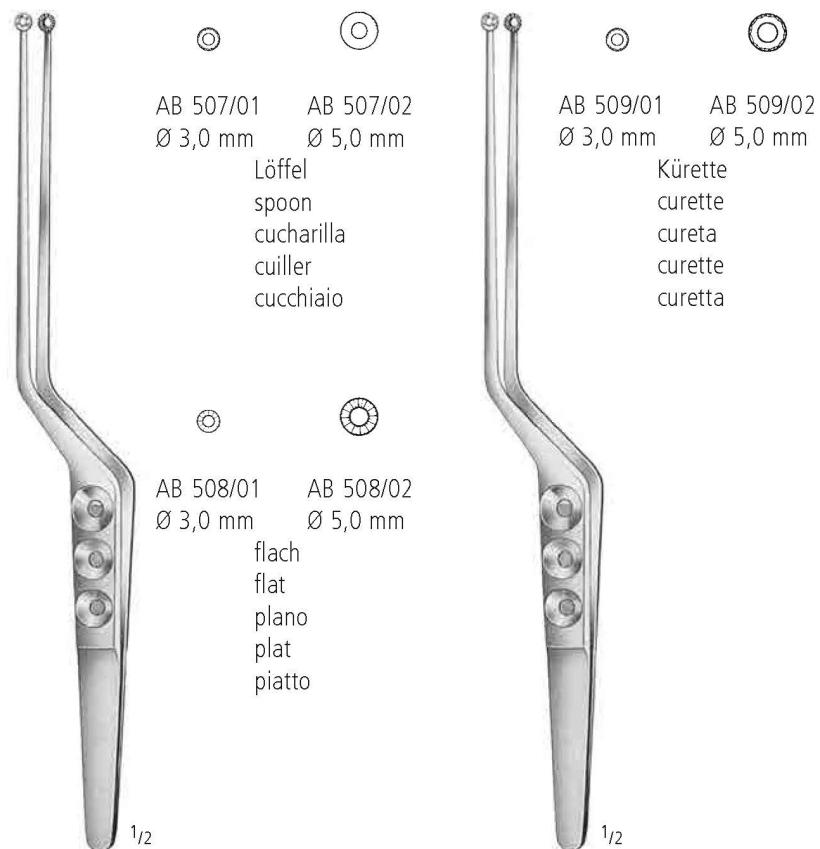
No. 7 AB 502/07
11,5 cm/4 1/2"

PINZETTEN FORCEPS PINZAS PINCES PINZE

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

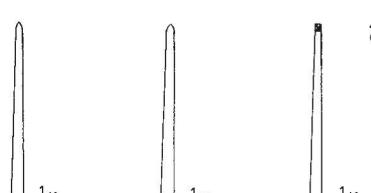
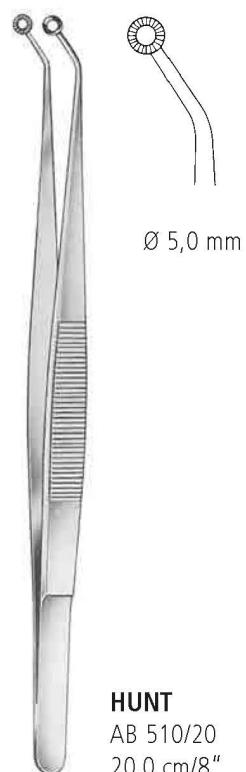


SAMII
24,0 cm/9 1/4"



22,0 cm/8 3/4"

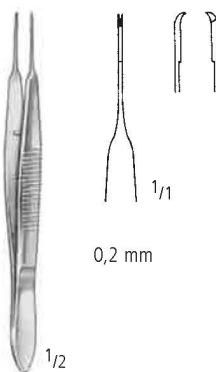
HEIFETZ
22,0 cm/8 3/4"



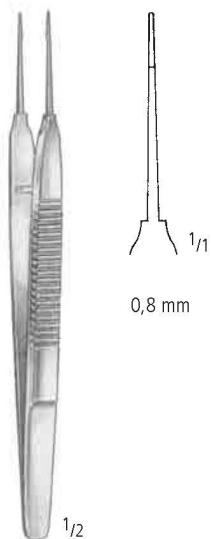
16,0 cm/6 1/4"	AB 515/16	AB 516/16	
18,0 cm/7"	AB 515/18	AB 516/18	AB 517/18
20,0 cm/8"	AB 515/20	AB 516/20	
22,0 cm/8 3/4"	AB 515/22	AB 516/22	
24,0 cm/9 1/2"	AB 515/24	AB 516/24	

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

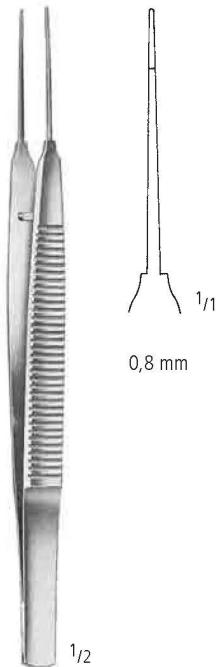
Mikro-Pinzen, Knüpfpinzen mit Plateau
 Micro Forceps, Suture Tying Forceps with platform
 Micro-Pinzas, Pinzas de ligadura con plataforma
 Micro-Pinces, Pinces à ligature avec plate-forme
 Micro-Pinze, Pinze per ligature con piattaforma



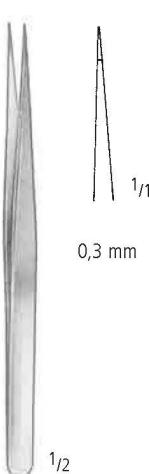
AB 530/09 1:2
9,5 cm/3 $\frac{3}{4}$ "



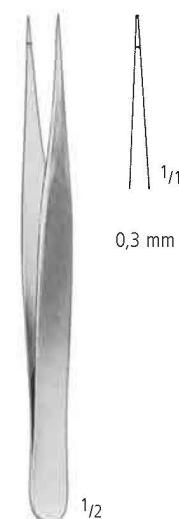
AUSTIN
AB 532/14
14,0 cm/5 $\frac{1}{2}$ "



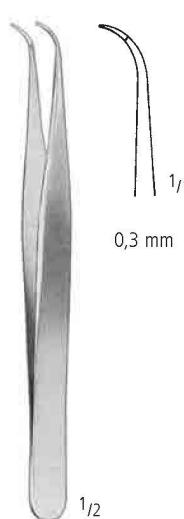
AUSTIN
AB 532/18
18,0 cm/7"



AB 534/12
12,0 cm/4 $\frac{3}{4}$ "



VISE
AB 534/13
13,5 cm/5 $\frac{1}{4}$ "



VISE
AB 535/13
13,5 cm/5 $\frac{1}{4}$ "

PINZETTEN FORCEPS PINZAS PINCES PINZE

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

AA

AB

AC

AE

AK

AO

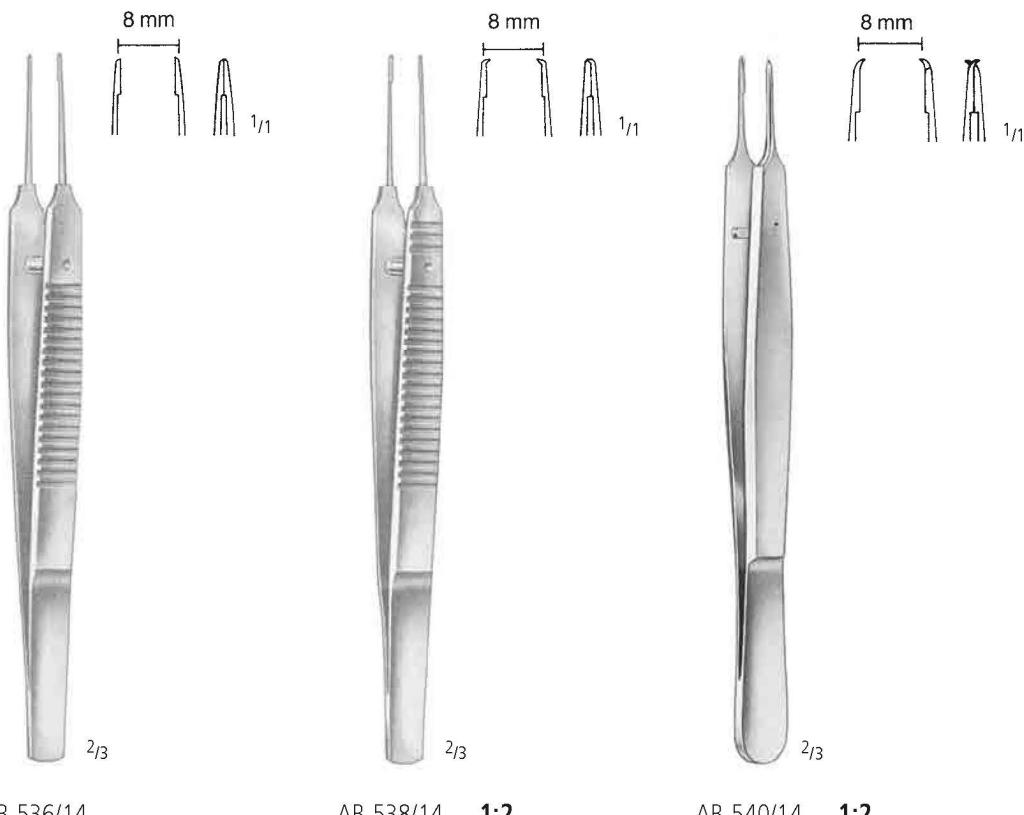
AR

KA

KS

XR

XT



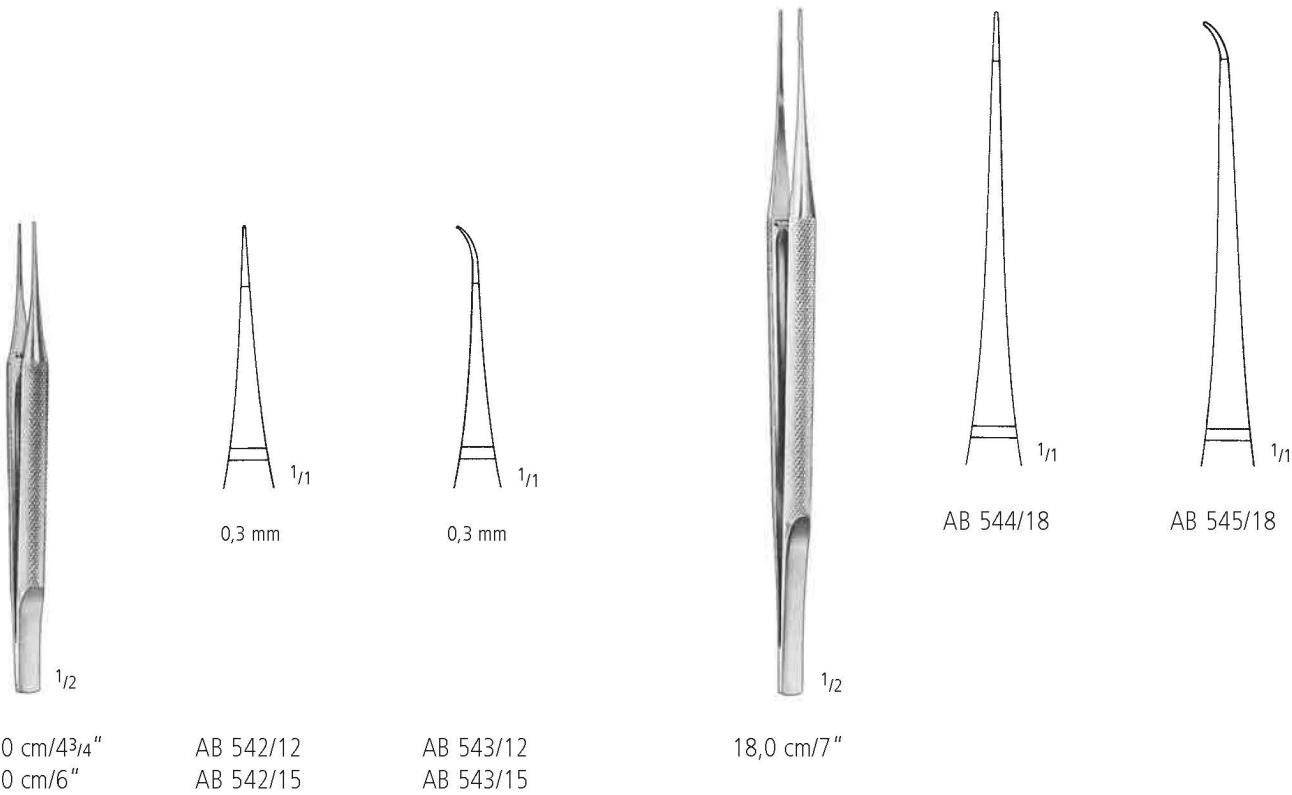
AB 536/14
14,0 cm/5½"

AB 538/14 **1:2**
14,0 cm/5½"

AB 540/14 **1:2**
14,0 cm/5½"

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

Mikro-Pinzen
Micro Forceps
Micro-Pinzas
Micro-Pinces
Micro-Pinze



Weitere Mikro-Pinzen 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

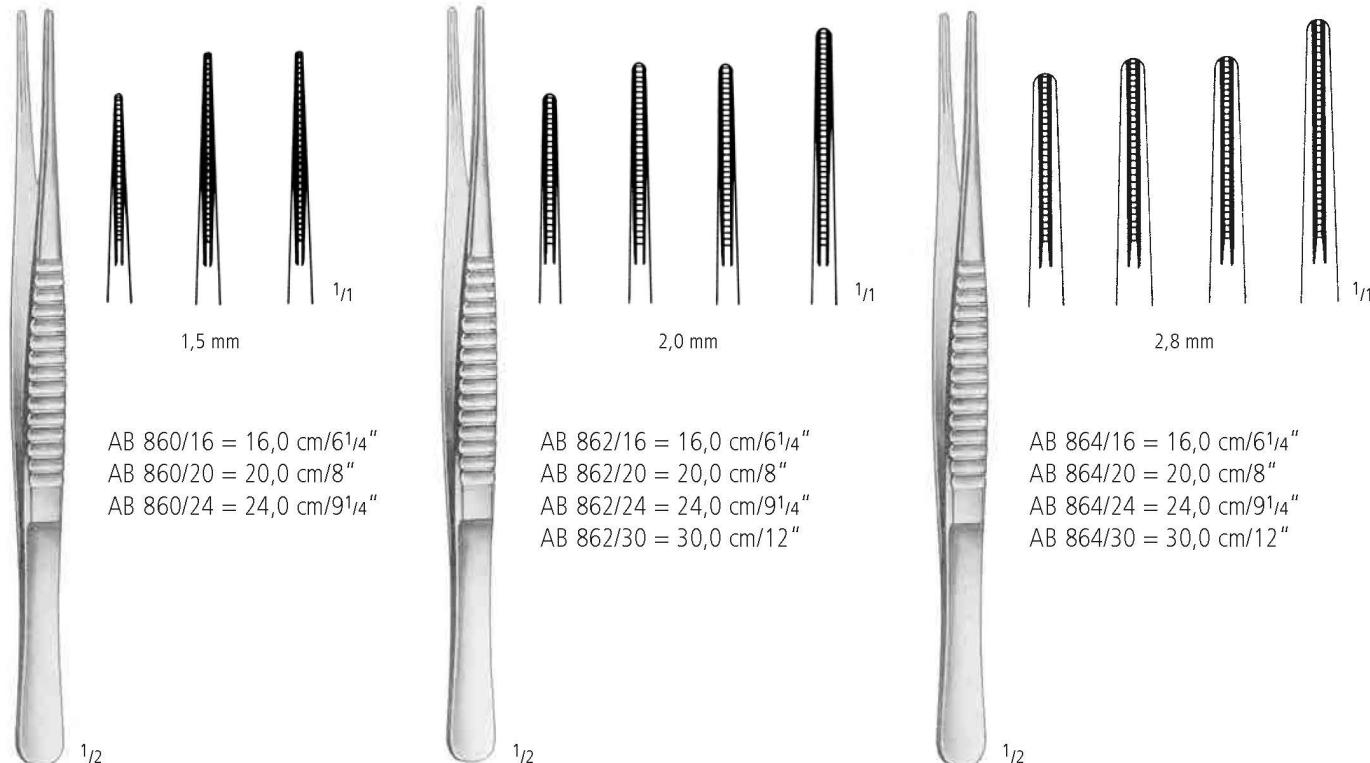
Atraumatische Pinzetten

Non-traumatic Vascular Tissue Forceps

Pinzas Atrauma

Pince Atrauma

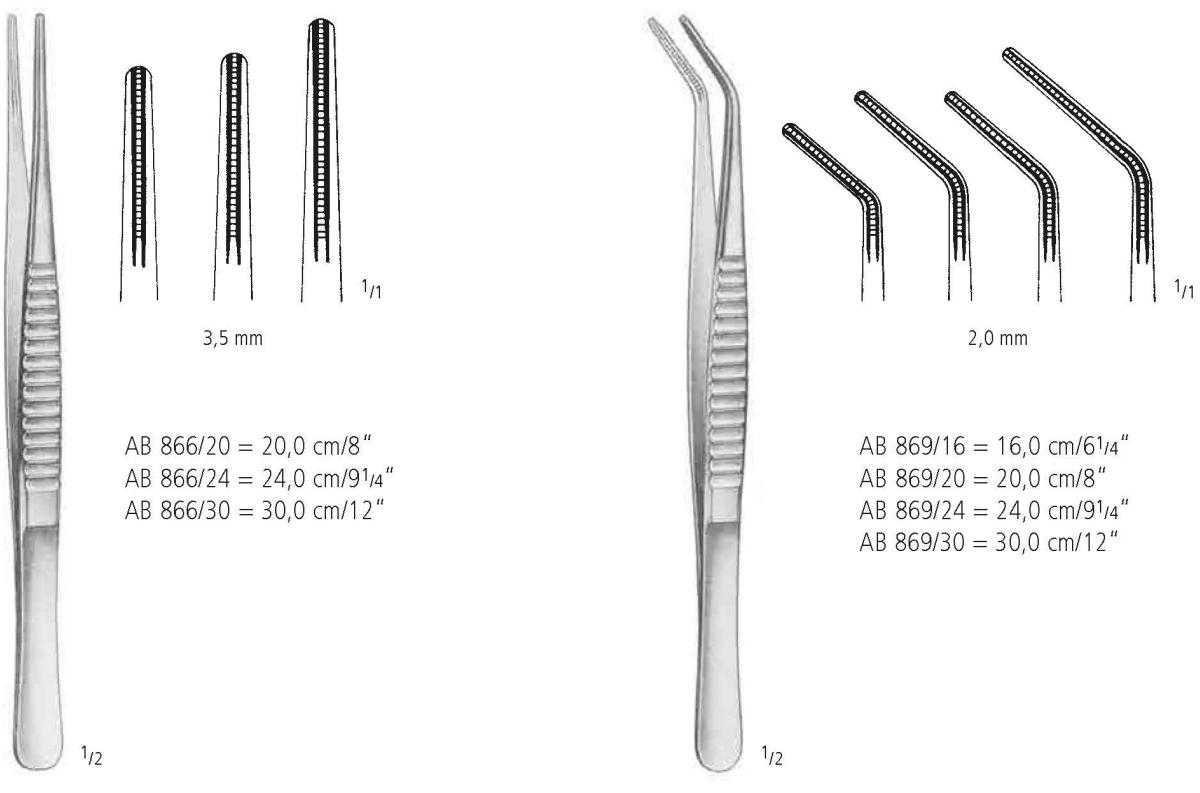
Pinze Atrauma



DE BAKEY

DE BAKEY

DE BAKEY



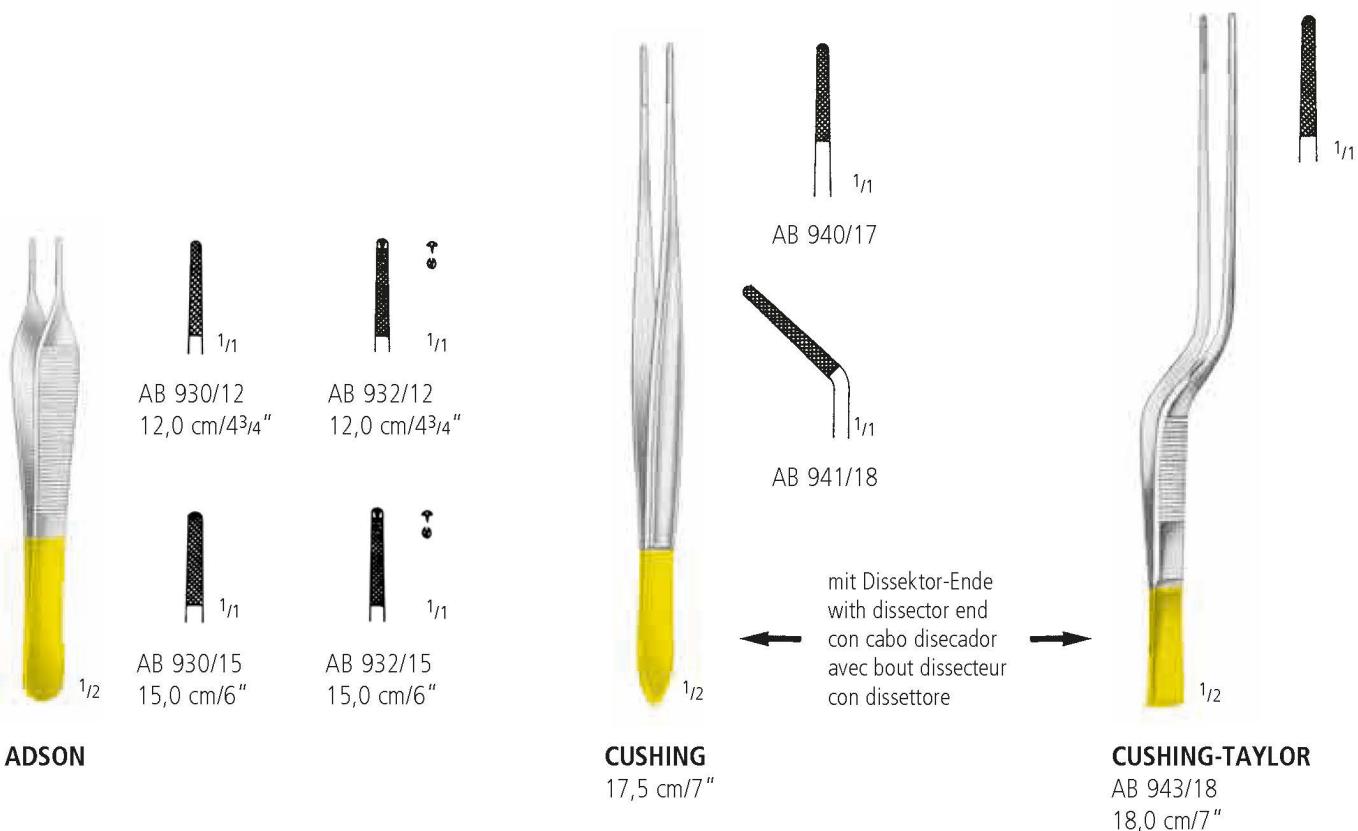
DE BAKEY

DE BAKEY

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

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

nopa
TUE®



SCHEREN
SCISSORS
TIJERAS
CISEAUX
FORBICI

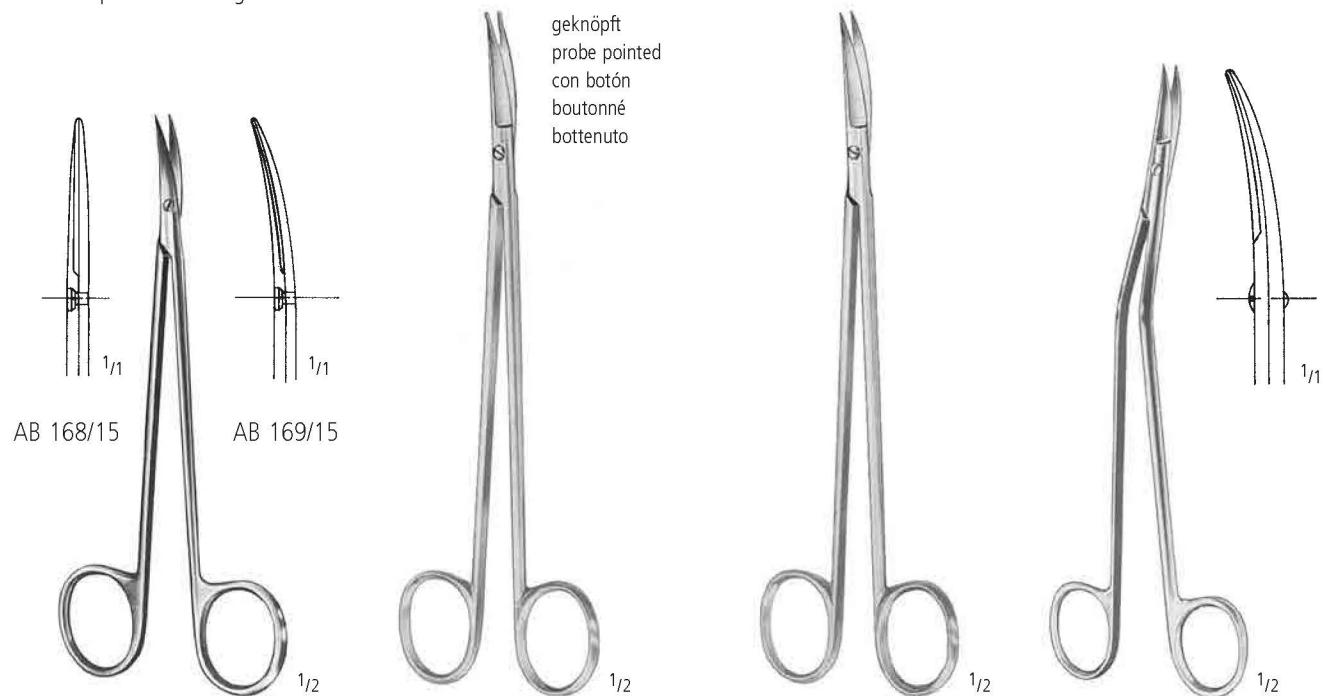
AC

nopa® instruments

>>

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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



15,0 cm/6"

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

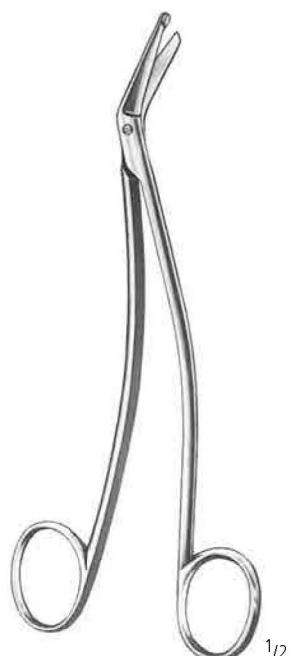
STRULLY

AC 231/22
 22,0 cm/8³/₄"

AC 232/22
 22,0 cm/8³/₄"

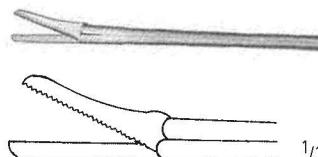
DANDY

AC 233/17
 17,0 cm/6³/₄"



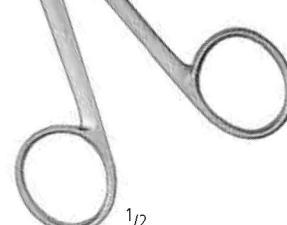
SCHMIEDEN-TAYLOR

14,5 cm/5¹/₂" AC 241/15
 17,0 cm/6³/₄" AC 241/17



OLIVECRONA

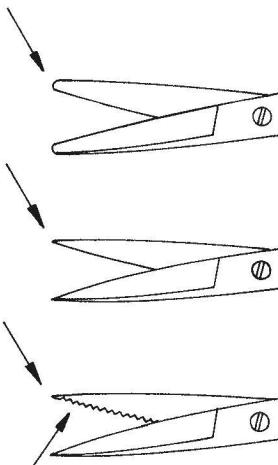
AC 259/23
 23,0 cm/9"



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.

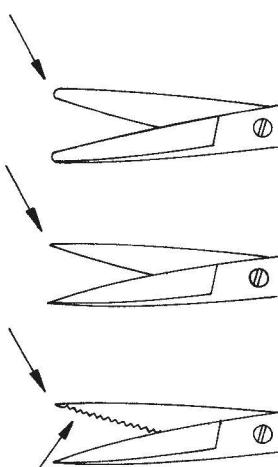


Dissection: **Gebogene Blätter, abgerundete Spitzen** ermöglichen eine gute und sichere Dissektion, ohne Nerven und Blutgefäße zu beschädigen.

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

Nerve: Ein Blatt ist **fein gezähnt**, um ein Herausgleiten des Nervs 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.

AA

AB

AC

AE

AK

AO

AR

KA

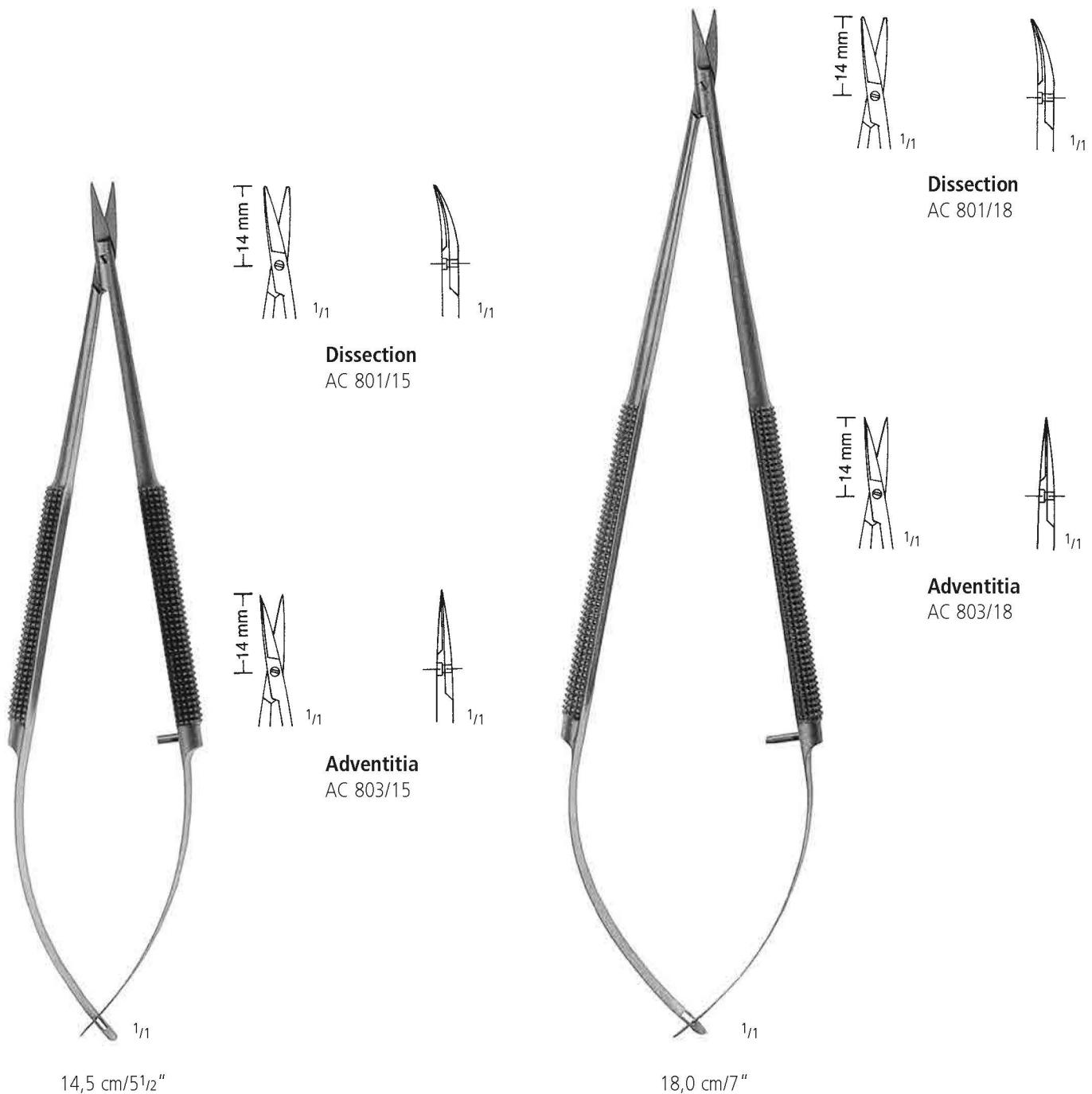
KS

XR

XT

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Mikro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici

AA

AB

AC

AE

AK

AO

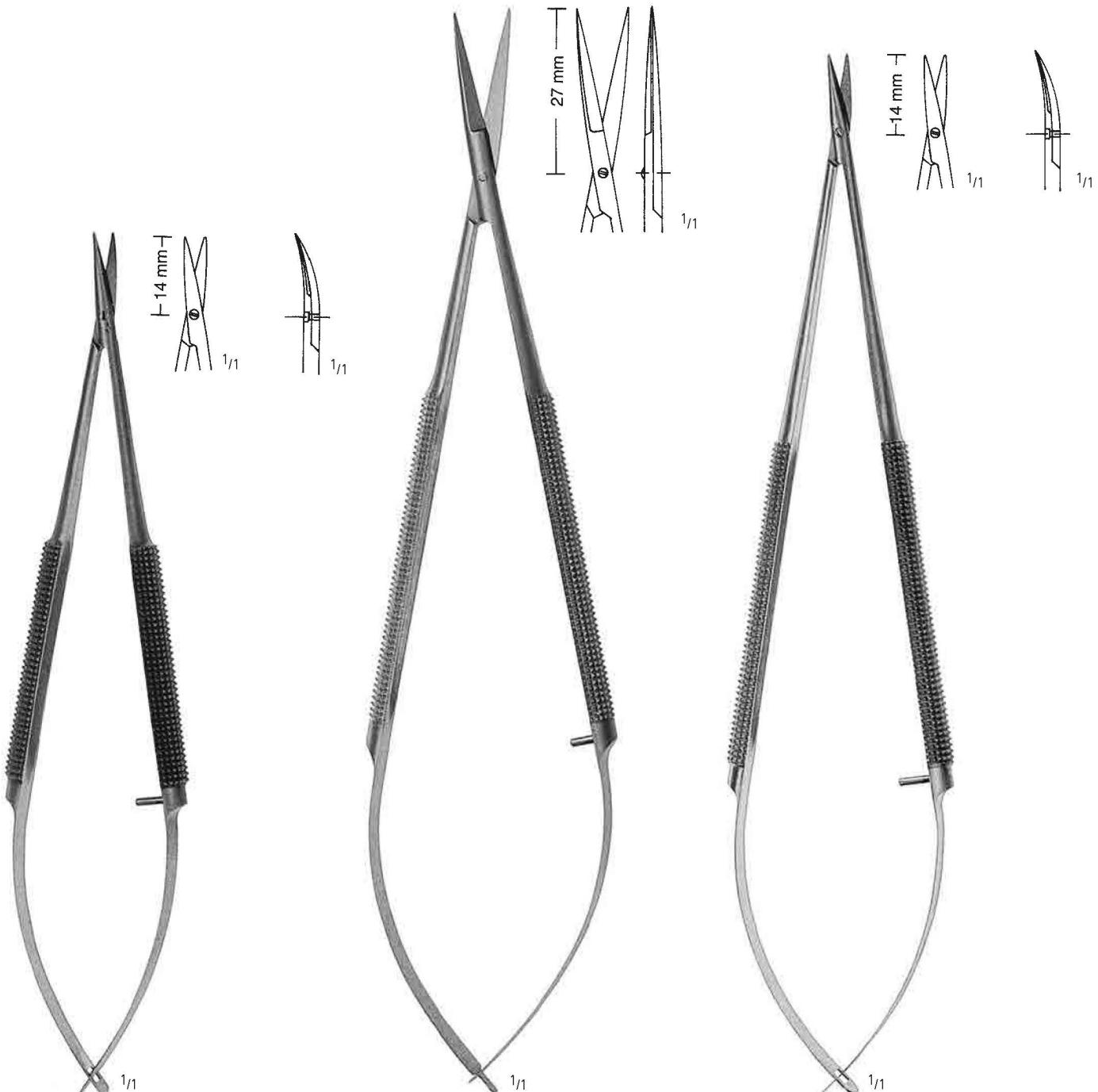
AR

KA

KS

XR

XT



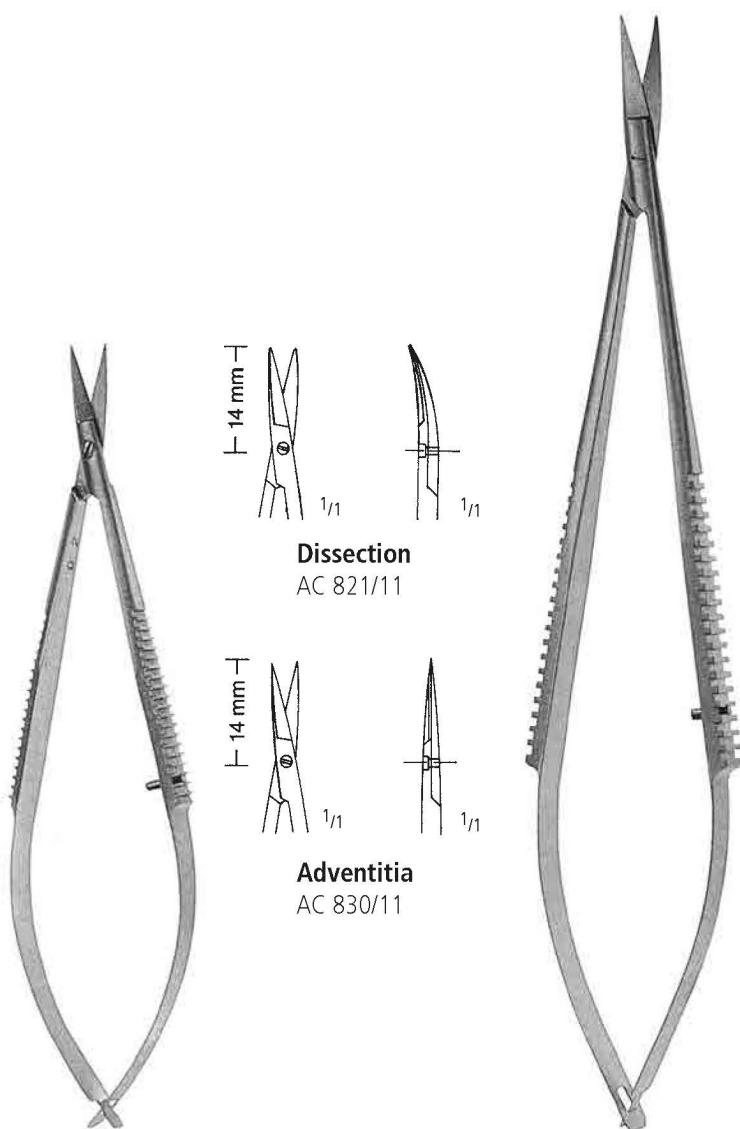
AC 807/14
14,5 cm/5½"

AC 812/18
18,0 cm/7"

AC 817/18
18,0 cm/7"

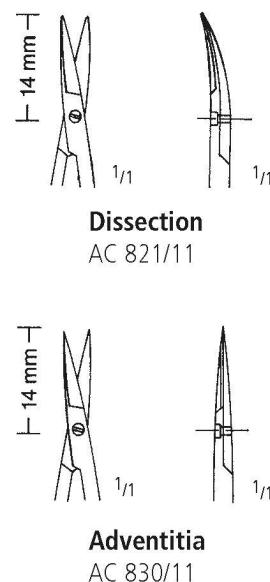
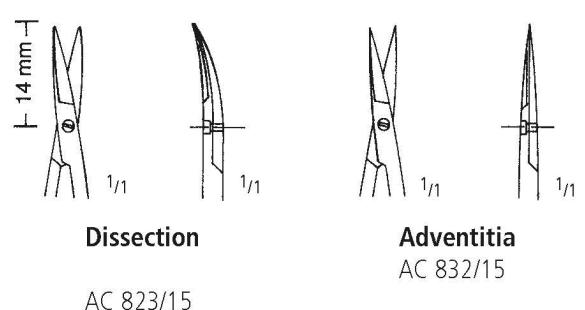
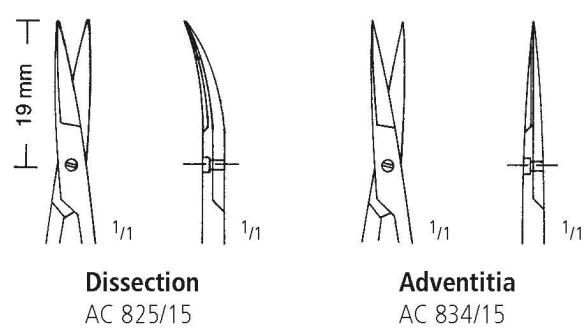
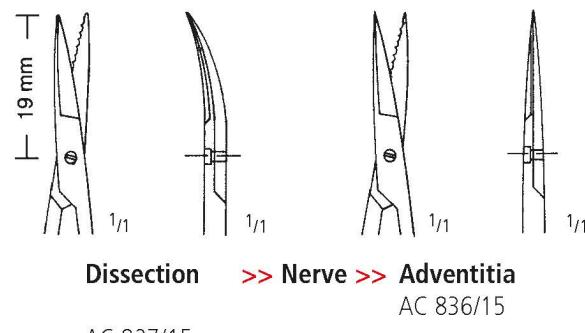
AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



11,0 cm/4 1/2"

15,0 cm/6"

Dissection
AC 821/11Dissection
AC 823/15Dissection
AC 825/15Dissection >> Nerve >> Adventitia
AC 836/15

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici

AA

AB

AC

AE

AK

AO

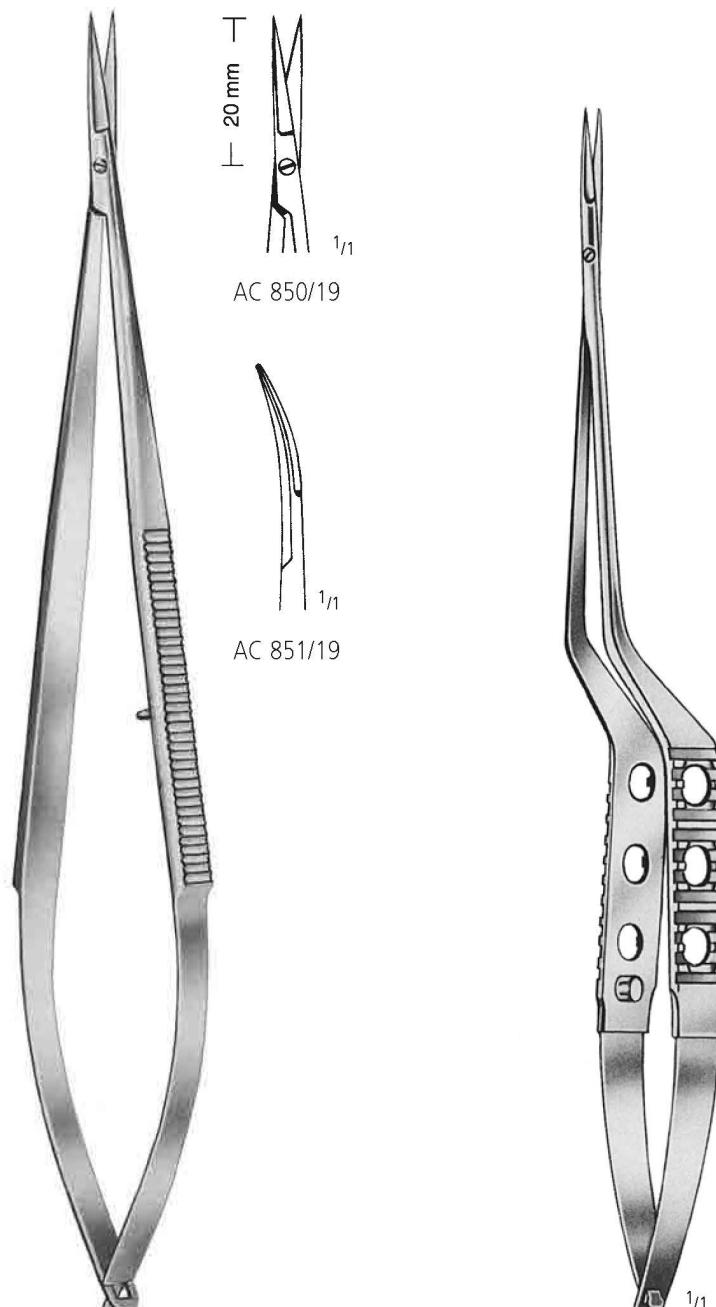
AR

KA

KS

XR

31



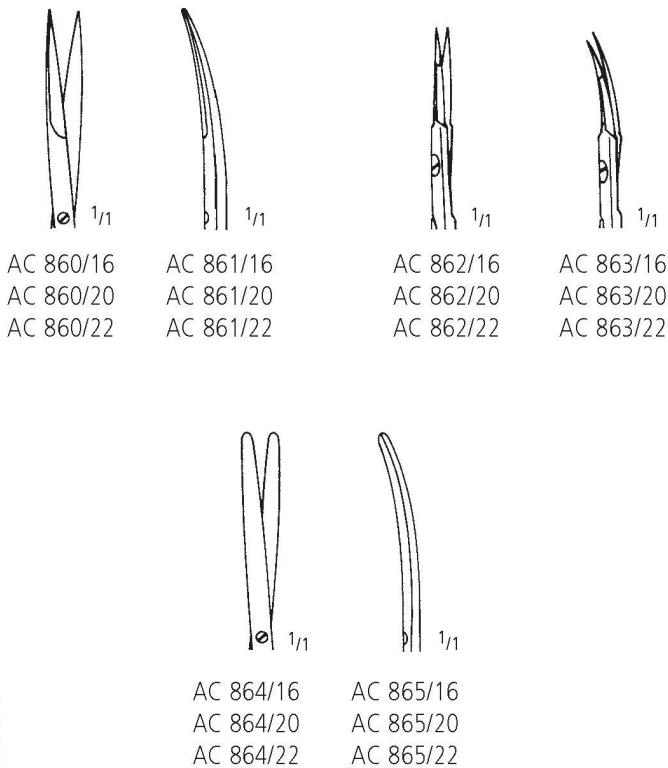
18,5 cm/7 1/4"

16,0 cm/6 1/4"

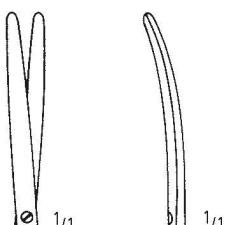
20,0 cm/8"

22,5 cm/9"

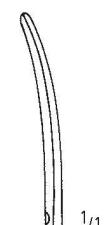
1/1



AC 864/16 AC 865/16
AC 864/20 AC 865/20
AC 864/22 AC 865/22



1/1



1/1

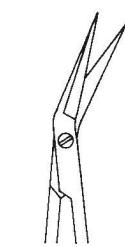
AC 864/20 AC 865/20
AC 864/22 AC 865/22

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

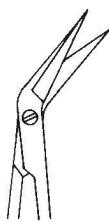
Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



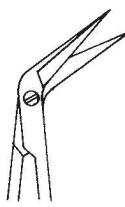
18,0 cm/7"



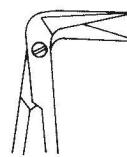
AC 870/01
25°



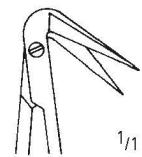
AC 870/02
45°



AC 870/03
60°



AC 870/04
90°

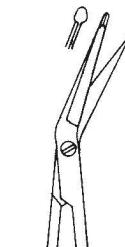


AC 870/05
125°

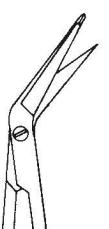
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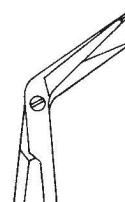
18,0 cm/7"



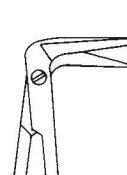
AC 871/01
25°



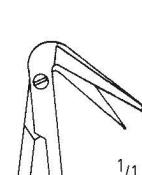
AC 871/02
45°



AC 871/03
60°



AC 871/04
90°



AC 871/05
125°

1/1

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



Fig. 1

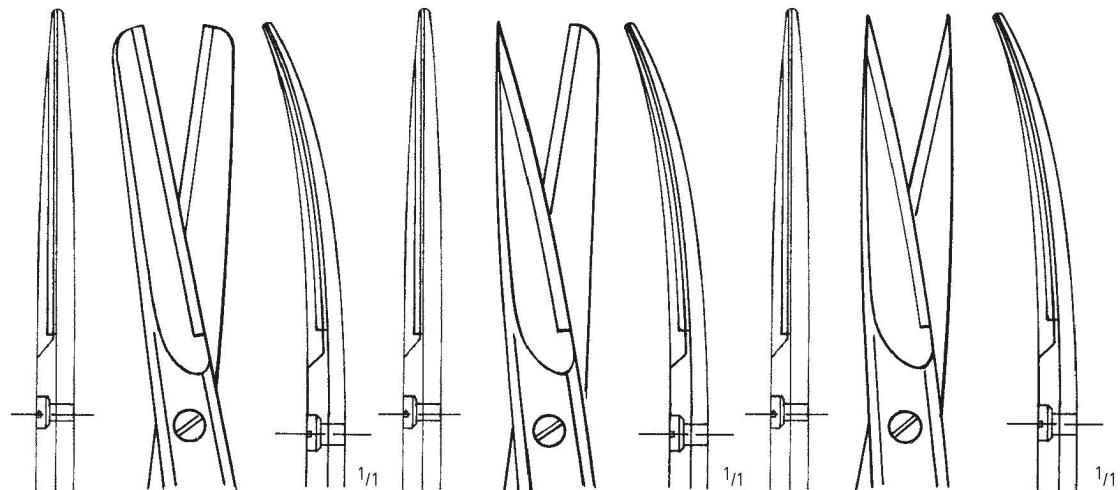


Fig. 2

Fig. 3

STANDARD
14,5 cm/5½"

AC 900/14

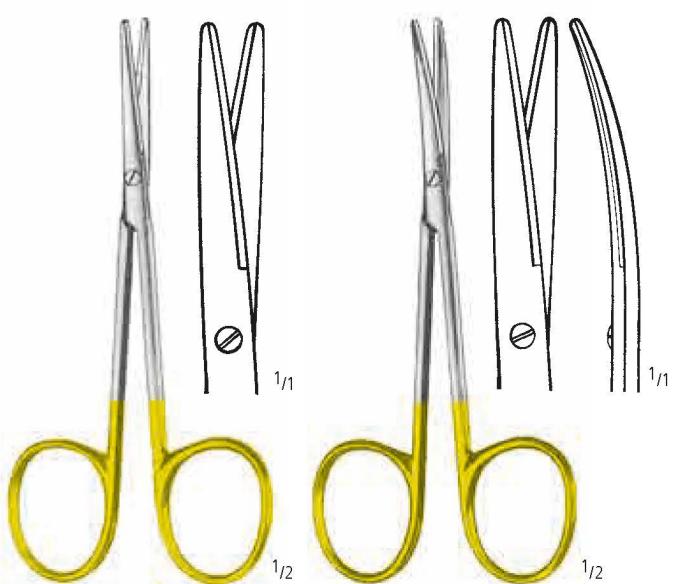
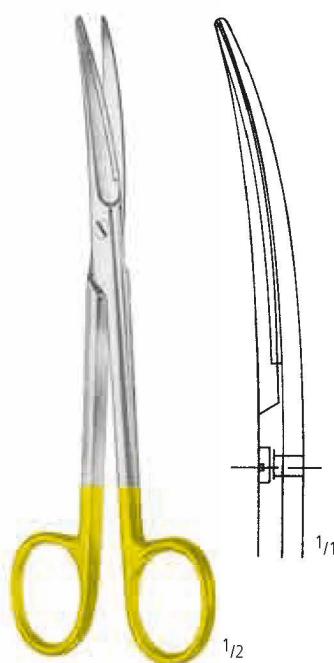
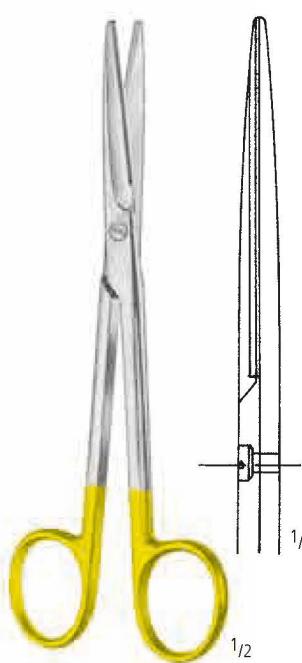
AC 901/14

AC 902/14

AC 903/14

AC 904/14

AC 905/14

nopa®
TUE**MAYO**

AC 910/14

14,5 cm/5½"

AC 910/17

17,0 cm/6¾"

AC 910/23

23,0 cm/9"

MAYO

AC 911/14

AC 911/17

AC 911/23

METZENBAUM

AC 930/14

14,5 cm/5½"

AC 931/14

14,5 cm/5½"

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

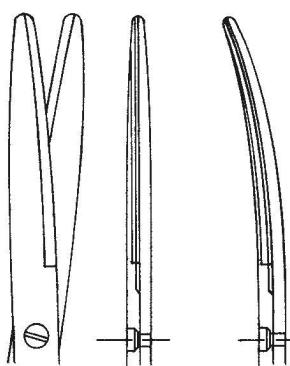
Scheren mit Hartmetalleinlagen

Scissors with Tungsten Carbide Inserts

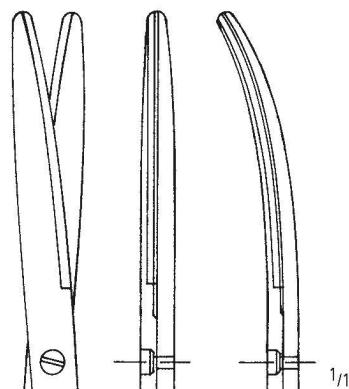
Tijeras con filos de carburo de tungsteno

Ciseaux avec plaquettes en carbure de tungstène

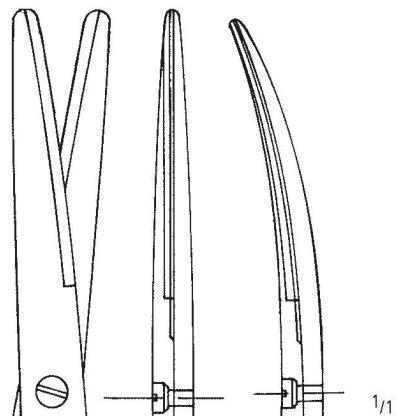
Forbici con taglio al carburo di tungsteno



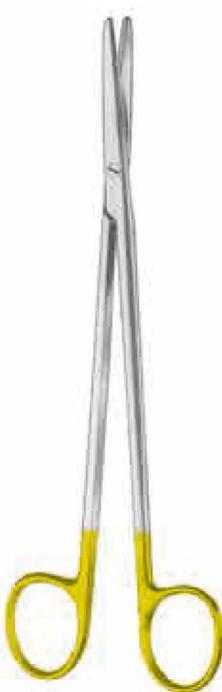
Original 18,0 cm



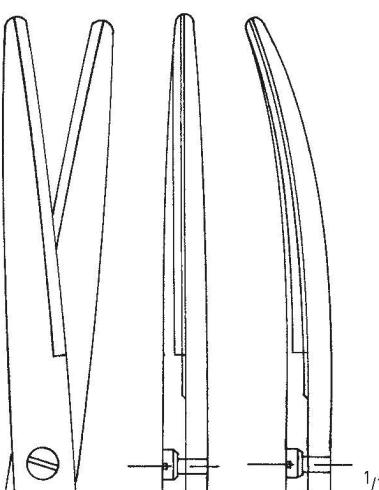
Original 20,0 cm



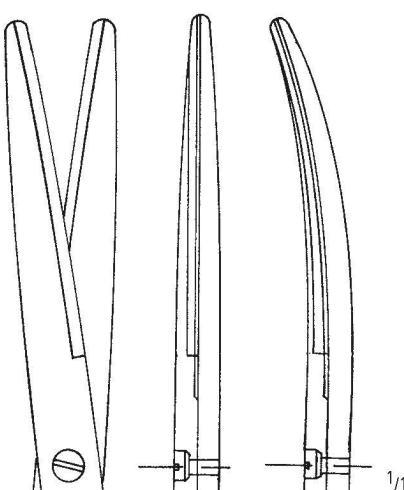
Original 23,0 cm



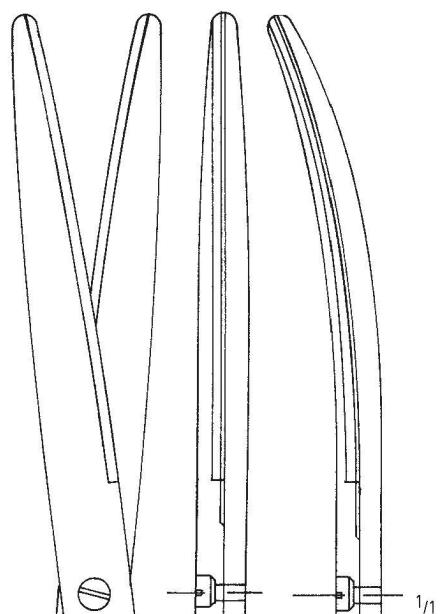
METZENBAUM



Original 25,0 cm



Original 28,0 cm



Original 30,0 cm

nopa®
TIME

gerade
straight
rectas
droits
retta

AC 940/18
AC 940/20
AC 940/23
AC 940/25
AC 940/28
AC 940/30

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

gebogen
curved
curvas
courbes
curva

AC 941/18
AC 941/20
AC 941/23
AC 941/25
AC 941/28
AC 941/30

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

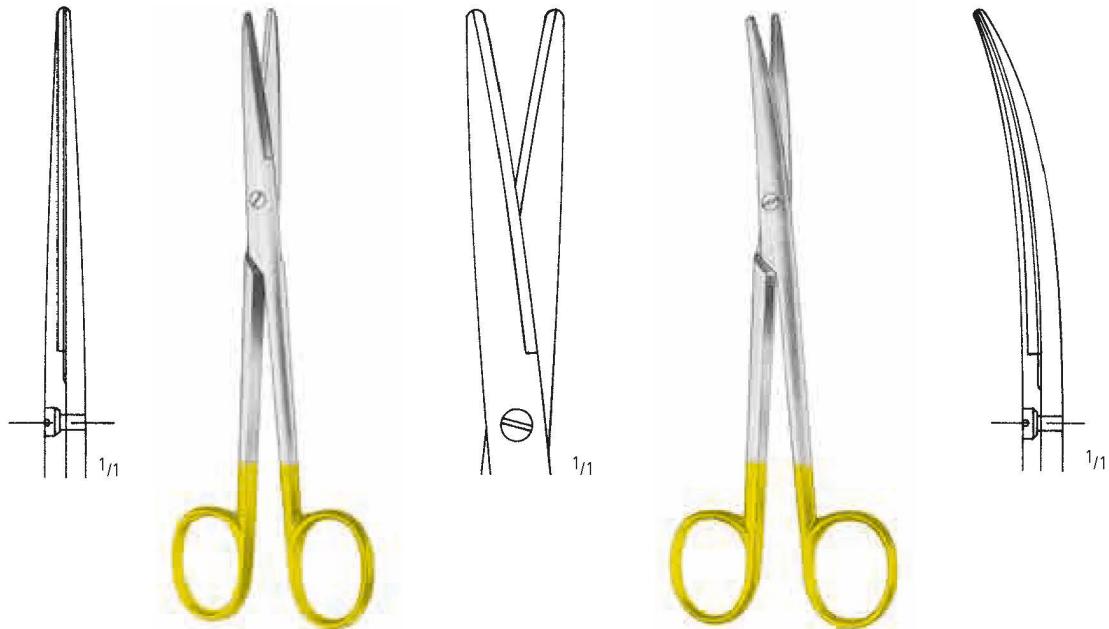
Scheren mit Hartmetalleinlagen

Scissors with Tungsten Carbide Inserts

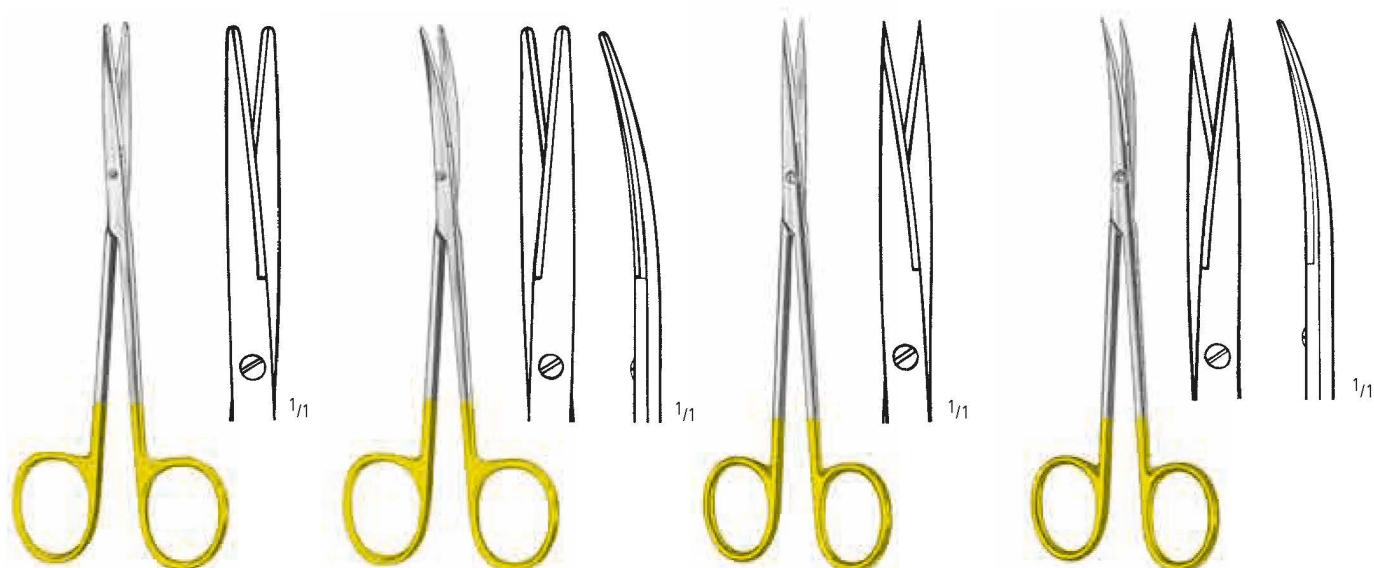
Tijeras con filos de carburo de tungsteno

Ciseaux avec plaquettes en carbure de tungstène

Forbici con taglio al carburo di tungsteno



nopa®
THE



AC 960/14
14,5 cm/5 1/2"
/5 1/2"

AC 961/14
14,5 cm/5 1/2"

METZENBAUM-DELICATE

AC 962/14
14,5 cm/5 1/2"

AC 963/14
14,5 cm

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

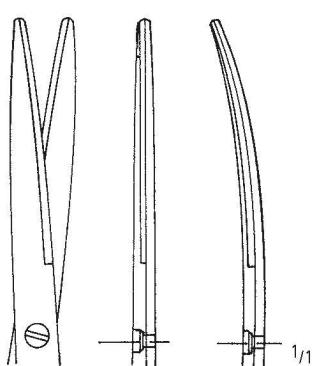
Scheren mit Hartmetalleinlagen

Scissors with Tungsten Carbide Inserts

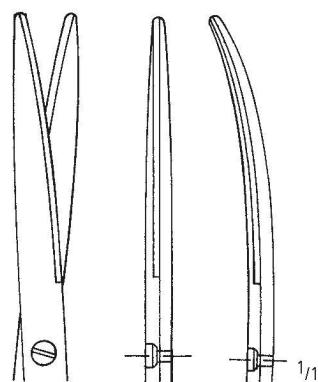
Tijeras con filos de carburo de tungsteno

Ciseaux avec plaquettes en carbure de tungstène

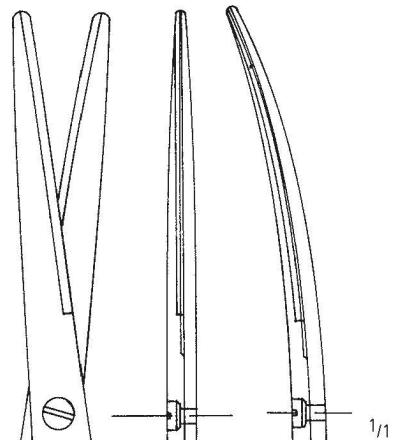
Forbici con taglio al carburo di tungsteno



Original 18,0 cm



Original 20,0 cm



Original 23,0 cm

nopa®
TMC

gerade
straight
rectas
droits
retta

AC 970/18
AC 970/20
AC 970/23
AC 970/25
AC 970/28

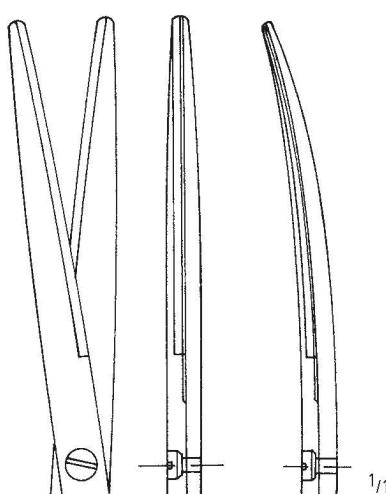
18,0 cm/7"
20,0 cm/8"
23,0 cm/9"
25,0 cm/10"
28,0 cm/11"

gebogen
curved
curvas
courbes
curva

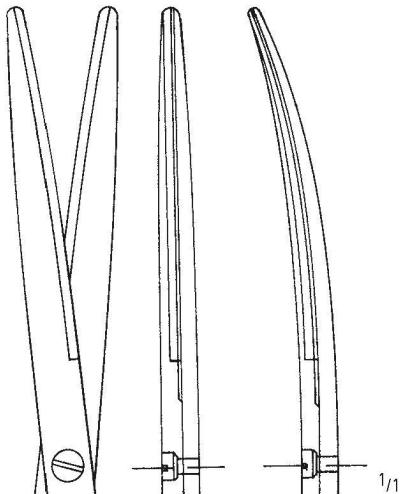
AC 971/18
AC 971/20
AC 971/23
AC 971/25
AC 971/28



METZENBAUM-DELICATE



Original 25,0 cm



Original 28,0 cm

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

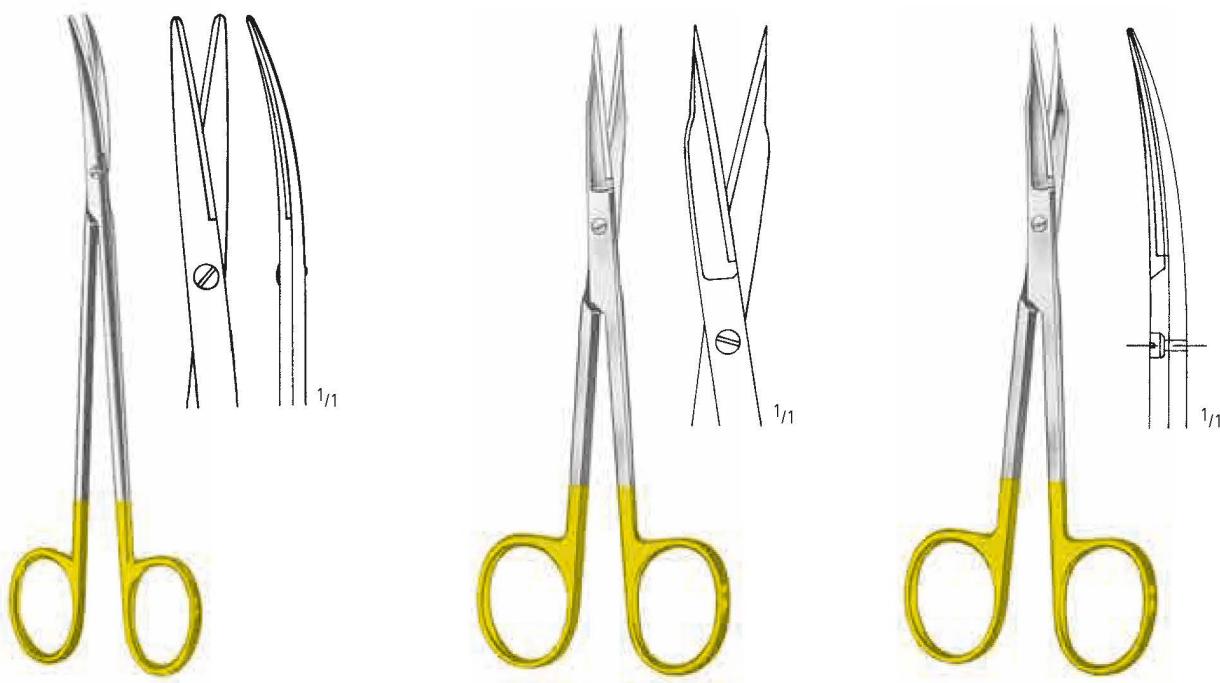
Scheren mit Hartmetalleinlagen

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"

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.

nopa
AC 984/11
11,5 cm/4½"AC 985/11
11,5 cm/4½"UNIVERSAL
AC 987/12
12,0 cm/4¾"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
 Portagli con placche di carburo di tungsteno



AE 400/14
14,0 cm/5½"



AE 400/16
16,0 cm/6¼"



AE 400/18
18,0 cm/7"



AE 400/20
20,0 cm/8"



AE 400/24
24,0 cm/9½"



1/1

nopa®
THE

AE 400/26
26,0 cm/10¼"



AE 400/30
30,0 cm/12"



1/1

MAYO-HEGAR

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/10¼"



AE 420/31
31,0 cm/12¼"



1/1

DE BAKEY
(MAYO-HEGAR-DELICATE)

NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter mit Hartmetalleinsätzen

Needle Holders with Tungsten Carbide Inserts

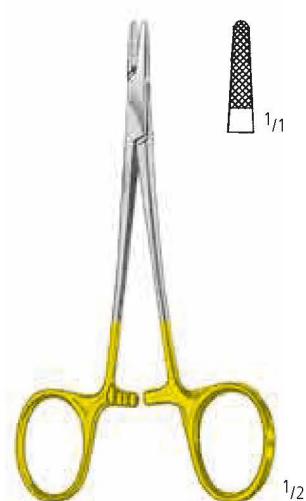
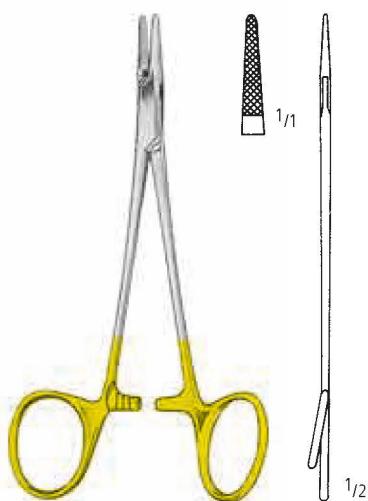
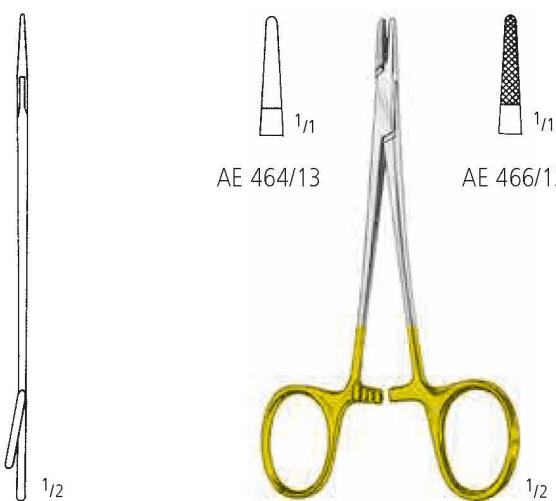
Porta-agujas con bocas de carburo de tungsteno

Porte-aiguilles à mors en carbure de tungstène

Portaghi con placche di carburo di tungsteno



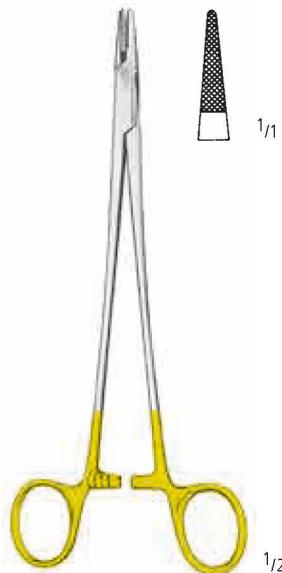
MICRO RYDER

nopa
TUNGCARBIDE
**CONVERSE**AE 452/12
12,5 cm/5"**NEIVERT**AE 456/13
13,0 cm/5"**HALSEY**

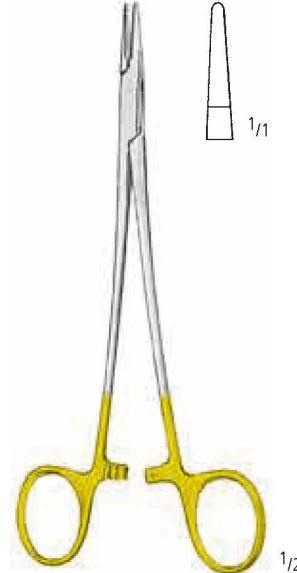
13,0 cm/5"

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
Portagli con placche di carburo di tungsteno



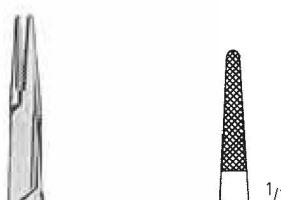
BABY-CRILE-WOOD
AE 468/15
15,0 cm/6"



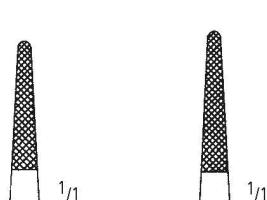
CRILE-WOOD
AE 469/15
15,0 cm/6"



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



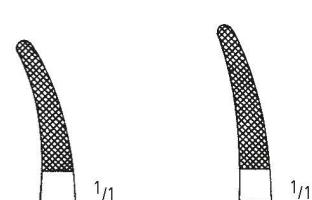
AE 470/18
18,0 cm/7"



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®
TUE



CRILE-WOOD

NAHT SUTURE SUTURA SUTURE SUTURA

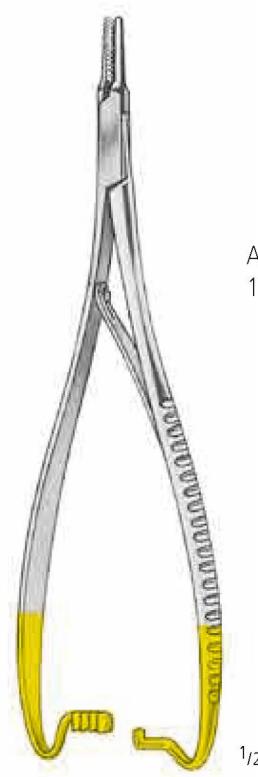
Nadelhalter mit Hartmetalleinsätzen
 Needle Holders with Tungsten Carbide Inserts
 Porta-agujas con bocas de carburo de tungsteno
 Porte-aiguilles à mors en carbure de tungstène
 Portaghi con placche di carburo di tungsteno



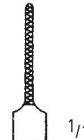
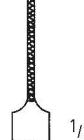
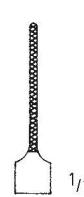
MATHIEU

AE 500/14
14,0 cm/5 1/2"AE 500/20
20,0 cm/8"
nopa®
TUE


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"

MATHIEU-RYDER MICRO

AE 512/17
17,0 cm/6 3/4"AE 512/20
20,0 cm/8"AE 512/24
24,0 cm/9 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"

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
 Portagli con placche di carburo di tungsteno



CASTROVIEJO
14,0 cm/5½"



AE 570/14



AE 571/14



CASTROVIEJO
14,0 cm/5½"



AE 572/14



AE 573/14



18,0 cm/7"



AE 576/18



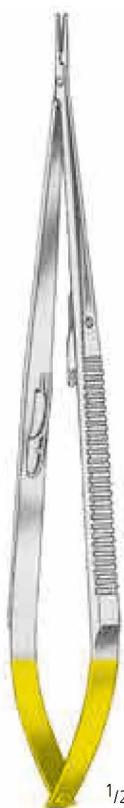
AE 577/18



AE 578/18



AE 579/18



JACOBSON
21,0 cm/8¼"



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

AA

AB

AC

AE

AK

AO

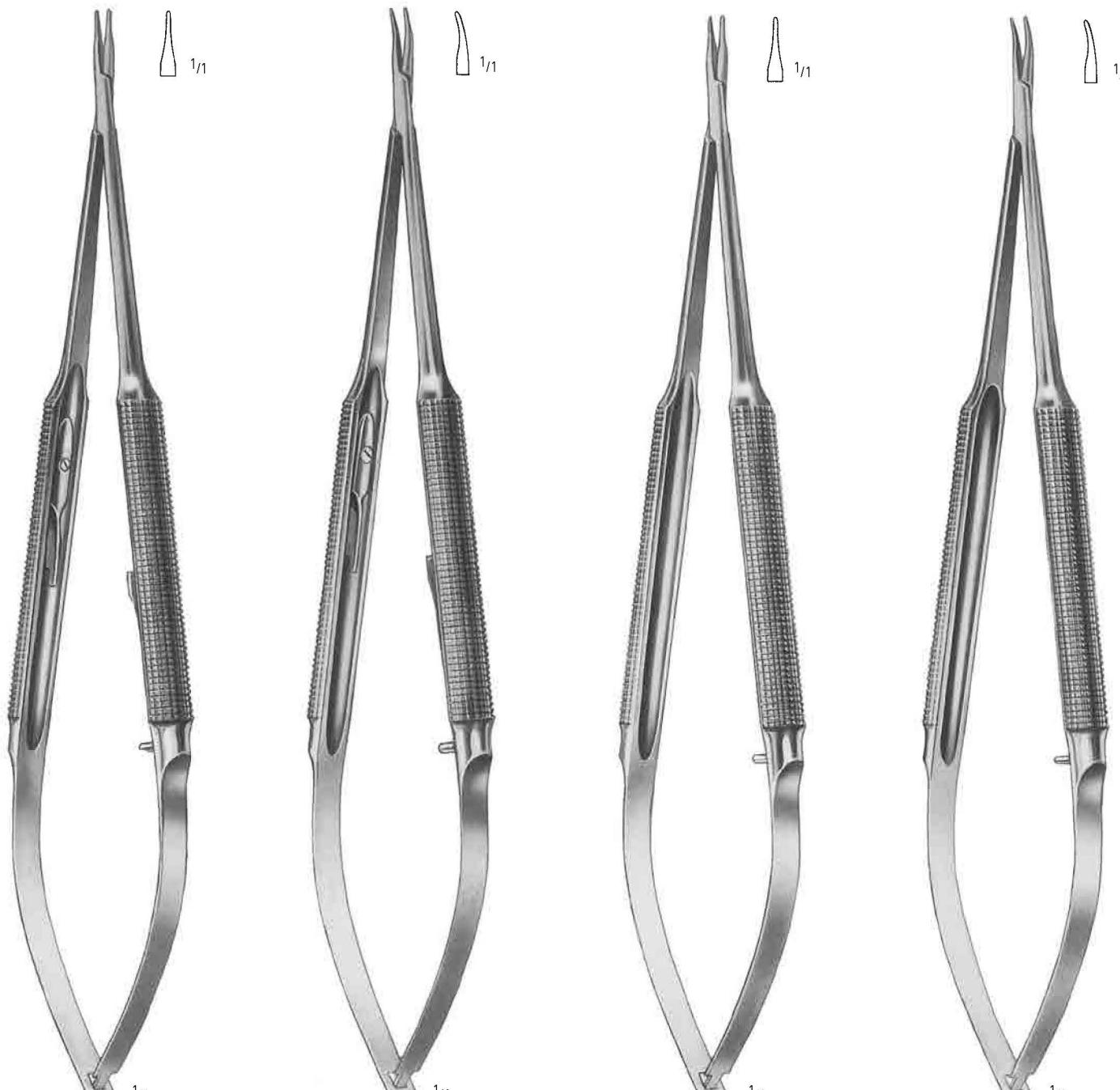
AR

KA

KS

XR

XT



AE 630/18
18,0 cm/7 1/4"

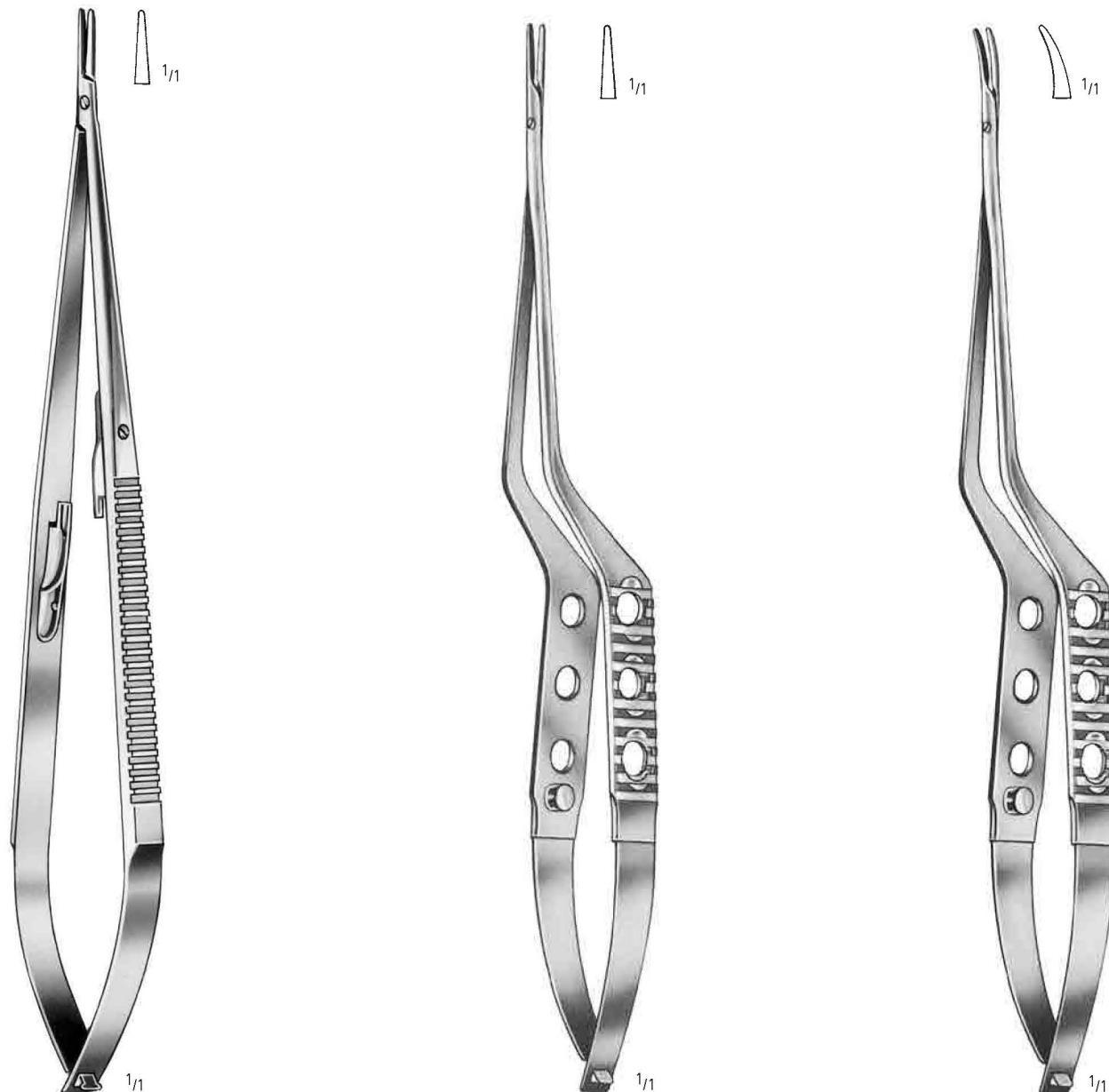
AE 631/18
18,0 cm/7 1/4"

AE 632/18
18,0 cm/7 1/4"

AE 633/18
18,0 cm/7 1/4"

AE NAHT SUTURE SUTURA SUTURE SUTURA

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

**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 portagli 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



1/1

1/1

1/1

1/1

1/1

1/1

1/1

GILLIESAK 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"**KLEINERT-KUTZ**AK 026/02
16,0 cm/6¹/₄"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili

AA

AB

AC

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AO

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KA

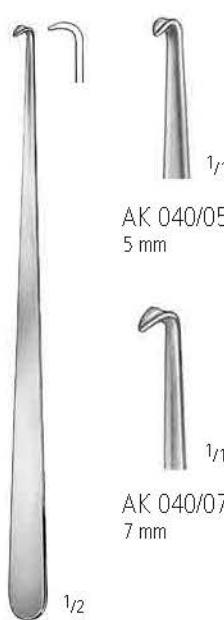
KS

XR

XT



CUSHING
28,0 cm/11"



17,0 cm/6 3/4"

1/1

7 mm

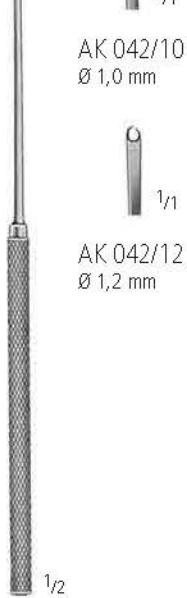
1/2



1/1

AK 036/02

CUSHING
19,0 cm/7 1/4"



1/1

AK 042/10

Ø 1,0 mm

1/1

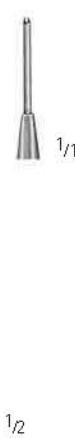
AK 042/12

Ø 1,2 mm

18,5 cm/7 1/4"

1/2

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.



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

AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

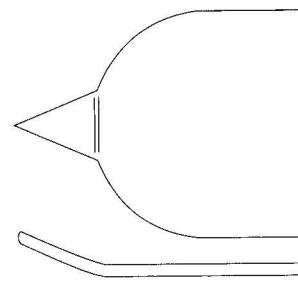
Spinalhaken
Spinal Retractors
Separadores espinales
Ecarteurs spinals
Divaricatori spinali

**CUSHING**

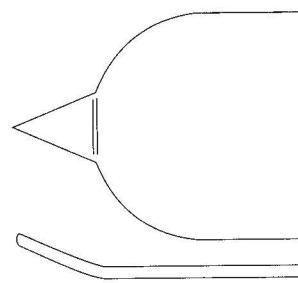
AK 130/20
20,0 cm/8"

**TAYLOR**

16,5 cm/6 1/2"



AK 132/07
75 x 30 mm



AK 132/10
100 x 30 mm



MEYERDING
22,5 cm/9"

18 x 200 mm AK 456/18
20 x 200 mm AK 456/20
23 x 200 mm AK 456/23

AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
 Selfretaining Retractors
 Separadores autoestaticos
 Ecarteurs autostatiques
 Divaricatori autostatici



2/3

ALM

	7,0 cm/2 3/4"	10,0 cm/4"
	AK 506/07	AK 506/10
	AK 507/07	AK 507/10



2/3

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



2/3

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

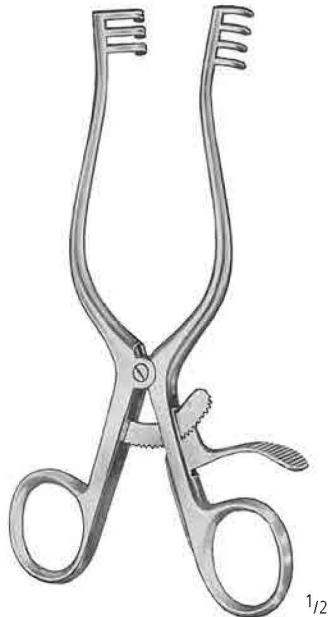


2/3

AK 514/10 AK 515/10
 10,5 cm/4 1/4"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestaticos
Ecarteurs autostatiques
Divaricatori autostatici



WEITLANER

10,5 cm/4 1/4"	2 x 3	AK 522/10	AK 523/10
13,0 cm/5"	3 x 4	AK 524/13	AK 525/13
16,5 cm/6 1/2"	3 x 4	AK 526/16	AK 527/16
20,0 cm/8"	3 x 4	AK 528/20	AK 529/20
25,0 cm/10"	3 x 4	AK 530/25	AK 531/25
26,0 cm/10 1/2"	5 x 6	AK 532/26	AK 533/26



ANDERSON-ADSON
 AK 556/20 AK 557/20
 20,0 cm/8"

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AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperren
Selfretaining Retractors
Separadores autoestaticos
Ecarteurs autostatiques
Divaricatori autostatici

**ADSON**

AK 560/27
27,0 cm/10½"

ADSON - R

AK 561/01
27,0 cm/10½"

ADSON - L

AK 561/02
27,0 cm/10½"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestaticos
Ecarteurs autostatiques
Divaricatori autostatici

AA

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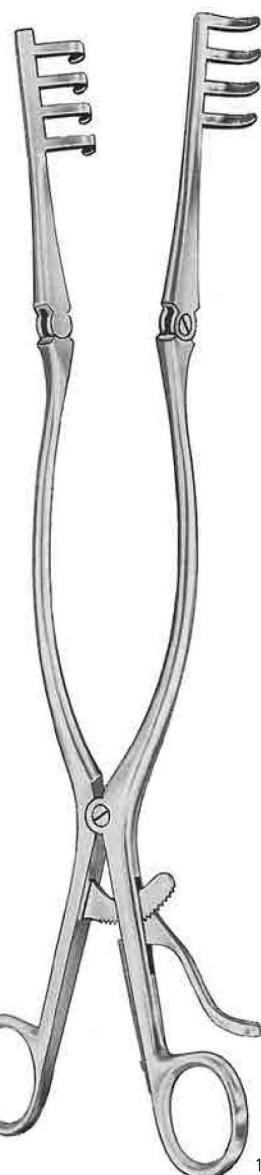
XR

XT



CONE

13,0 cm/5"	3 x 4	AK 564/13	AK 565/13
16,5 cm/6½"	3 x 4	AK 564/16	AK 565/16
20,0 cm/8"	3 x 4	AK 564/20	AK 565/20
25,0 cm/10"	3 x 4	AK 564/25	AK 565/25



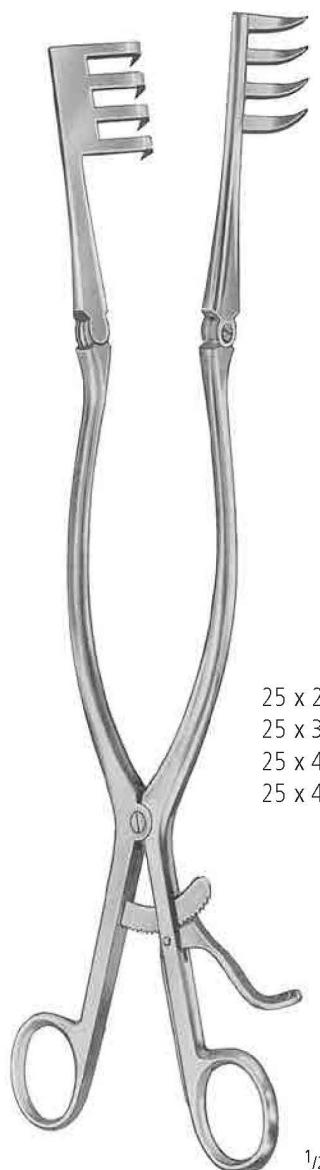
BECKMANN

31,0 cm/12"	4 x 4	AK 566/31	AK 567/31
33,0 cm/13"	4 x 5	AK 568/33	AK 569/33



AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperren
Selfretaining Retractors
Separadores autoestaticos
Ecarteurs autostatiques
Divaricatori autostatici



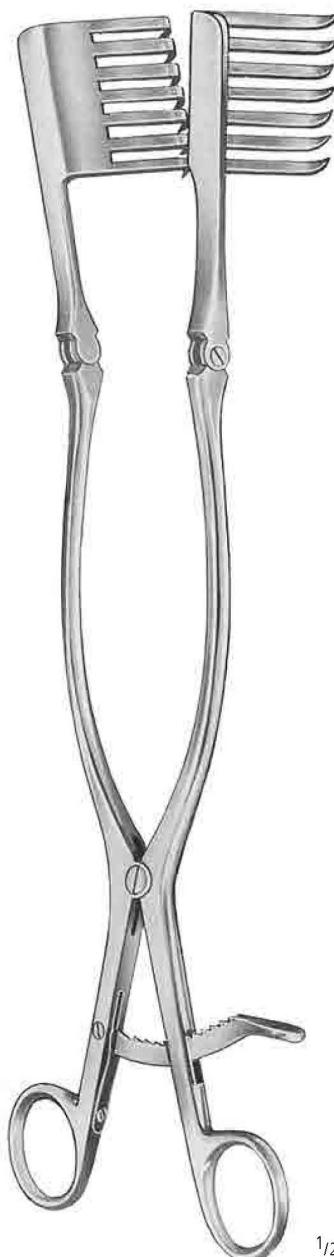
A

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

C

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

**BECKMANN-EATON**

A
AK 572/33
33,0 cm/13"

C
AK 573/33

BECKMANN-ADSON

31,0 cm/12"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
 Selfretaining Retractors
 Separadores autoestaticos
 Ecarteurs autostatiques
 Divaricatori autostatici



SCALP-CONTOUR



14,0 cm/5½"

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.

AA

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KS

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XT

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

AO

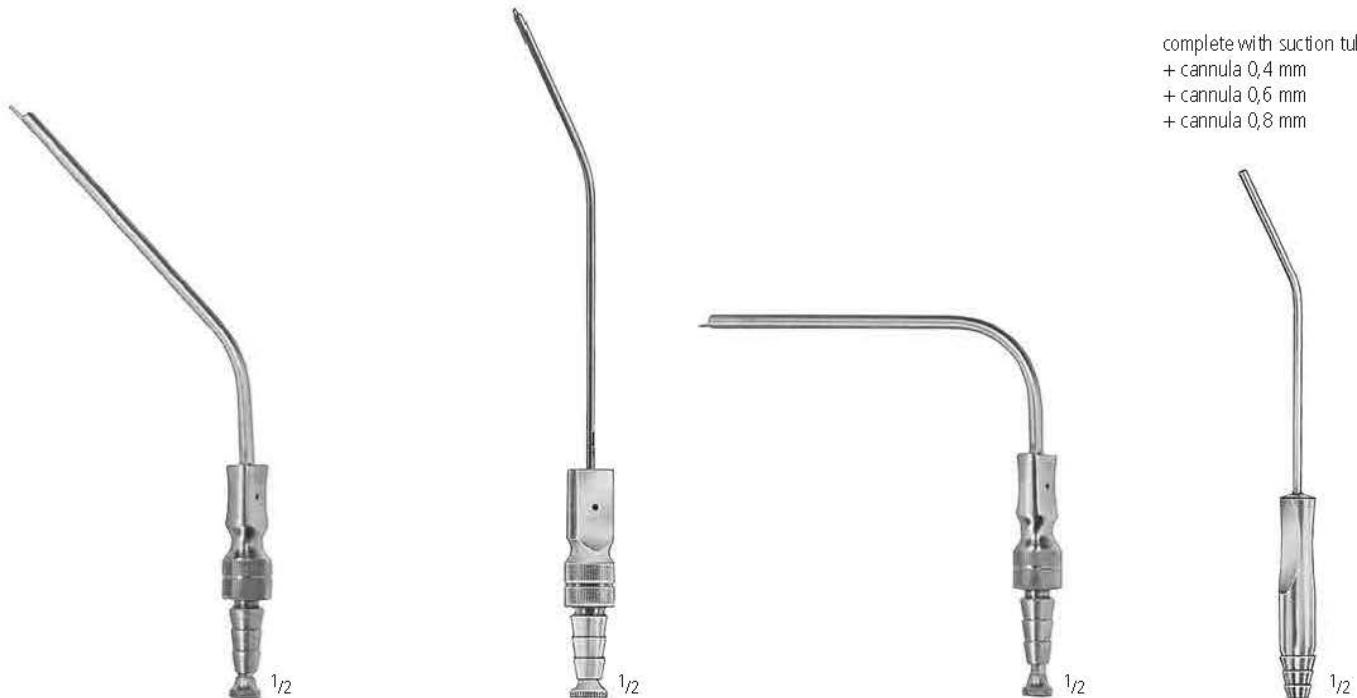
nopa® instruments

>>

AO

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

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

WULLSTEIN	
MICRO	AO 438/00

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



ORTHOPÄDIE
ORTHOPAEDICS
ORTOPEDIA
ORTHOPEDIE
ORTOPEDIA

KA

nopa® instruments

>>

KA ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPEDIE ORTOPEDIA

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. 9
KA 060/09
Ø 16,0 mm



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

ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPÉDIE ORTOPEDIA

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

AA

AB

AC

AE

AK

AO

AR

KA

KS

XR

XT



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 7,0 mm	KA 102/70
Ø 8,0 mm	KA 102/80
Ø 9,0 mm	KA 102/90
Ø 10,0 mm	KA 102/99

ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPÉDIE ORTOPEDIA

Maßtabelle

Scale

Tabla de medida

Tableau de la mesure

Scala

AA

AB

AC

AE

AK

AO

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KA

KS

XR

XT



2,0 mm



3,0 mm



4,0 mm



5,0 mm



6,0 mm



8,0 mm



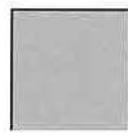
10,0 mm



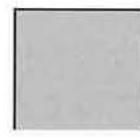
12,0 mm



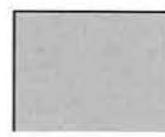
14,0 mm



16,0 mm



18,0 mm



20,0 mm



25,0 mm



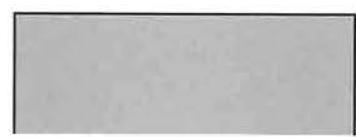
30,0 mm



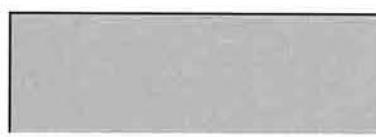
35,0 mm



40,0 mm



45,0 mm



50,0 mm

KA ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPEDIE ORTOPEDIA

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

**MINI-LEXER**

18,0 cm/7"

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	

MINI-LEXER

18,0 cm/7"

mm

KA 471/04
KA 471/06
KA 471/08
KA 471/10
KA 471/12
KA 471/15
KA 471/20

LEXER

22,0 cm/8 3/4"

KA 472/07
KA 472/10
KA 472/15
KA 472/20
KA 472/25
KA 472/30

LEXER

22,0 cm/8 3/4"

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 ORTHOPÉDIE ORTOPEDIA

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



LEXER
27,5 cm/10^{3/4}"

mm

5

10 KA 474/10

15 KA 474/15



LEXER
27,5 cm/10^{3/4}"

mm

5

10 KA 475/10

15 KA 475/15



LEXER
25,0 cm/10"

mm

5 KA 476/05

10 KA 476/10

15 KA 476/15



LEXER
25,0 cm/10"

mm

5 KA 477/05

10 KA 477/10

15 KA 477/15

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

AA

AB

AC

AE

AK

AO

AR

KA

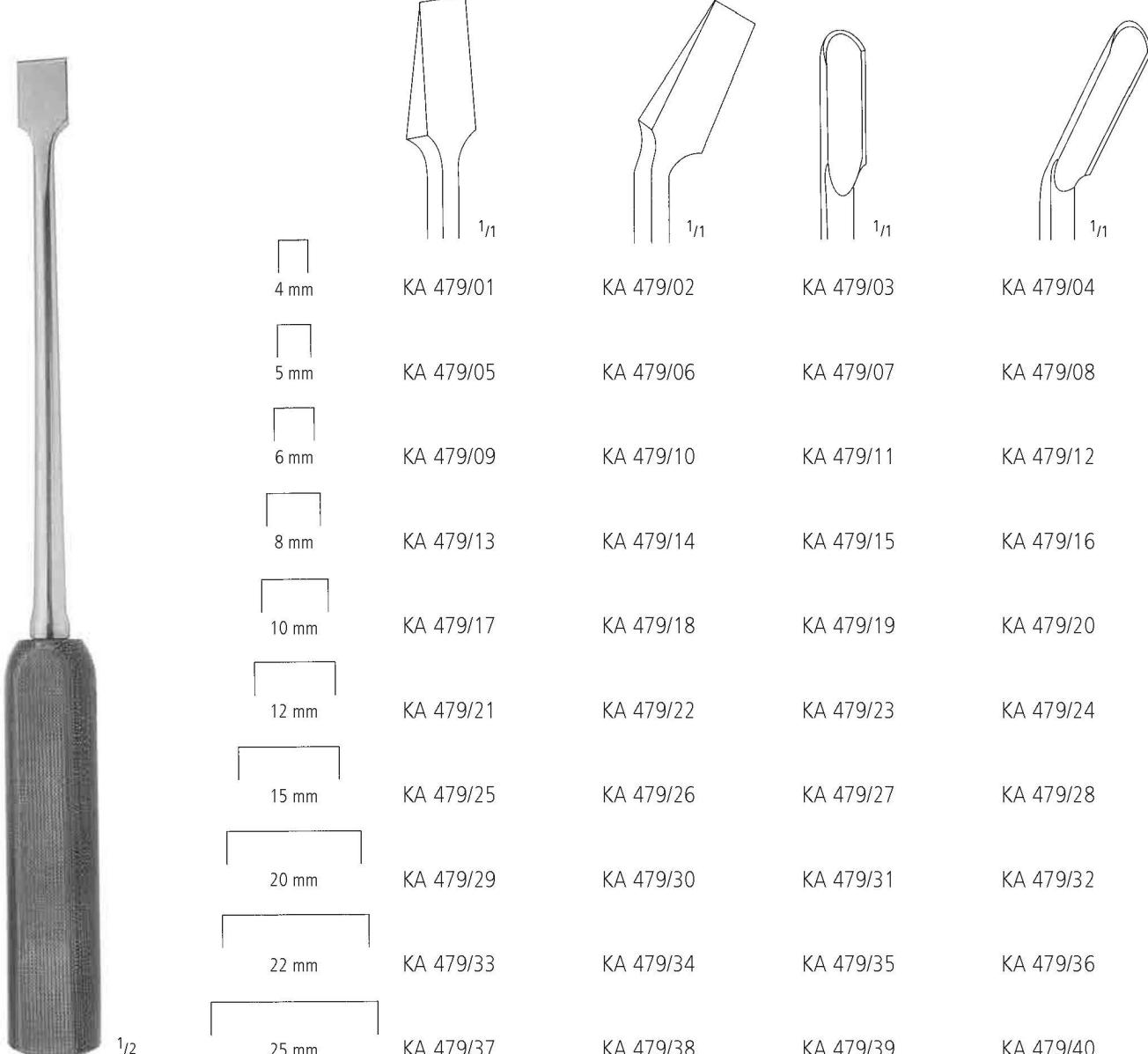
KS

XR

XT

KA ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPEDIE ORTOPEDIA

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

**DAHMEN**

30,0 cm/12"

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

ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPÉDIE ORTOPEDIA

Hämmer
Mallets
Martillos
Marteaux
Martelli

AA

AB

AC

AE

AK

AO

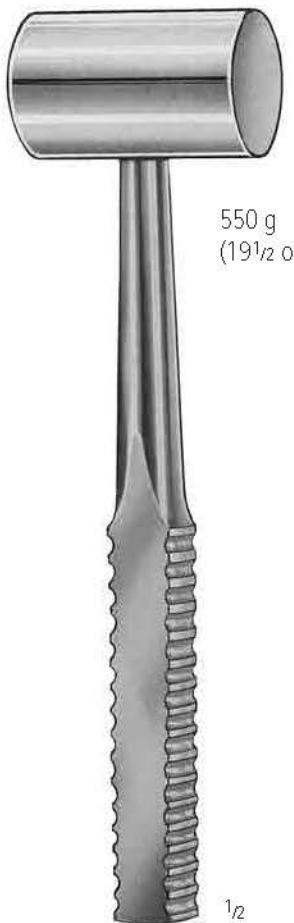
AR

KA

KS

XR

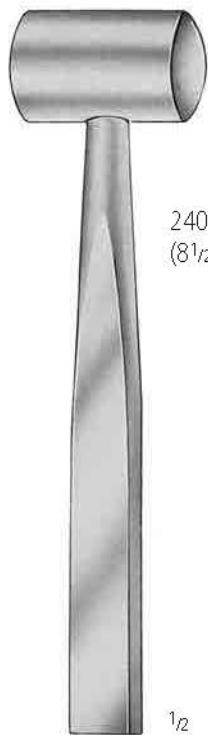
XT



550 g
(19½ oz.)

OMBREDANNE

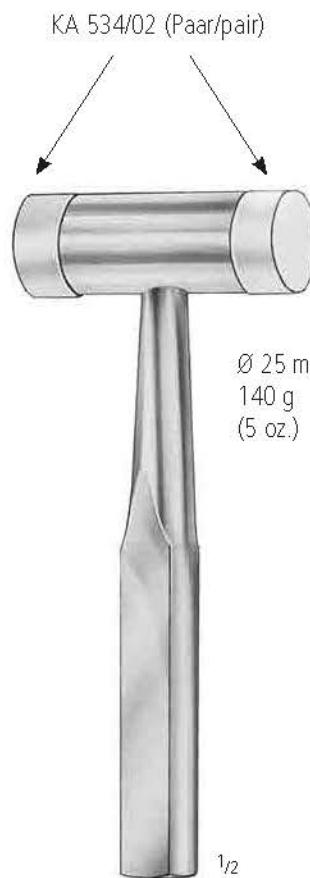
KA 519/55
24,0 cm/9½"



240 g
(8½ oz.)

COTTE

KA 531/24
19,0 cm/7½"



Ø 25 mm
140 g
(5 oz.)

1/2 1/2

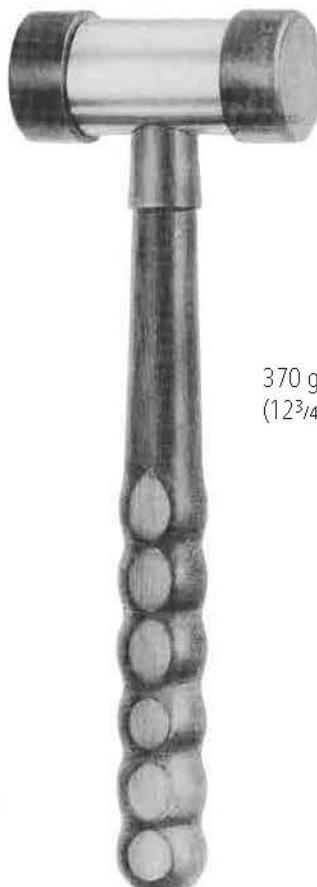
KA 534/14
18,0 cm/7"

KA ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPEDIE ORTOPEDIA

Hämmer
Mallets
Martillos
Marteaux
Martelli



KA 554/90

370 g
(12³/₄ oz.)KA 554/37
Ferrozell125 g
(4¹/₄ oz.)KA 555/13
Ferrozell

ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPÉDIE ORTOPEDIA

Scharfe Löffel
Bone Curettes
Cucharillas cortantes
Curettes tranchantes
Curette taglienti

 $1\frac{1}{2}$

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

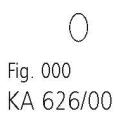


Fig. 000
KA 626/00



Fig. 00
KA 627/00



Fig. 0
KA 628/00

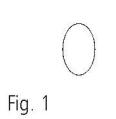


Fig. 1
KA 628/01

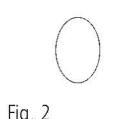


Fig. 2
KA 628/02

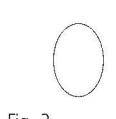


Fig. 3
KA 628/03

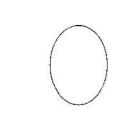


Fig. 4
KA 628/04



Fig. 5
KA 628/05

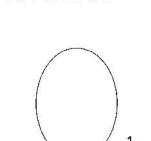
 $1\frac{1}{1}$

Fig. 6
KA 628/06



Fig. 000
KA 629/00

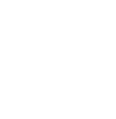


Fig. 00
KA 630/00



Fig. 0
KA 631/00



Fig. 1
KA 631/01



Fig. 2
KA 631/02



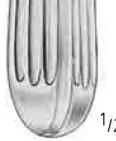
Fig. 3
KA 631/03



Fig. 4
KA 631/04



Fig. 5
KA 631/05

 $1\frac{1}{1}$

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

Fig. 6
KA 631/06

KA

KS

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XT

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AE

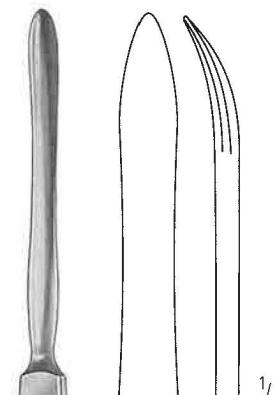
AK

AO

AR

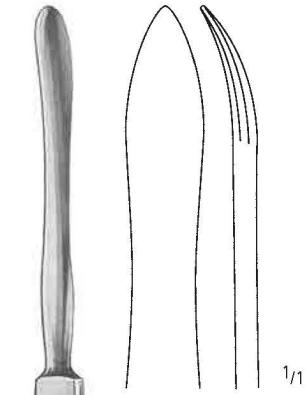
Elevatorien
Elevators
Elevadores
Eléveurs
Elevatori

8 mm



KA 690/08

10 mm

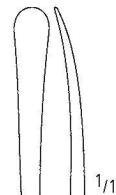


KA 690/10

1/2

LANGENBECK
19,5 cm/7³/₄"

1/2



KA 701/19

scharf
sharp
cortante
tranchant
tagliente



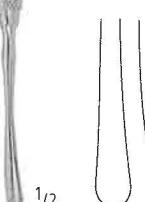
1/1



KA 702/19

stumpf
blunt
romo
mousse
smusso

1/2

FREER19,0 cm/7¹/₂"

1/1

FREER

KA 703/18

18,0 cm/7"

ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPÉDIE ORTOPEDIA

Elevatorien
Elevators
Elevadores
Elévateurs
Elevatori

AA

AB

AC

AE

AK

AO

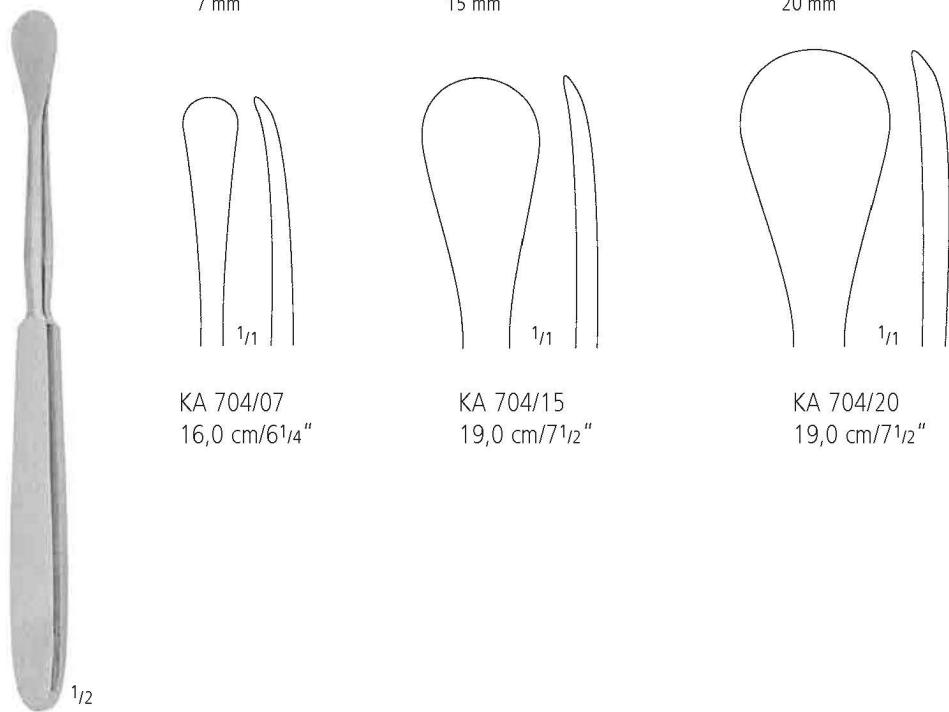
AR

KA

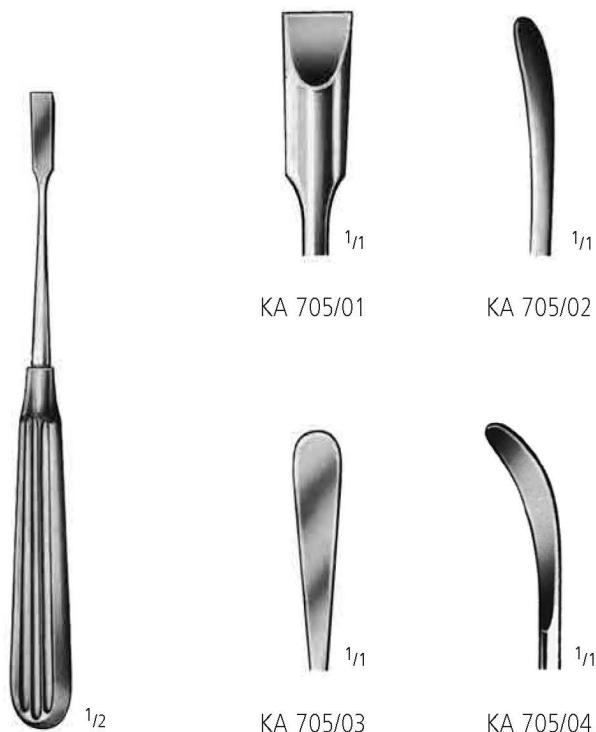
KS

XR

XT



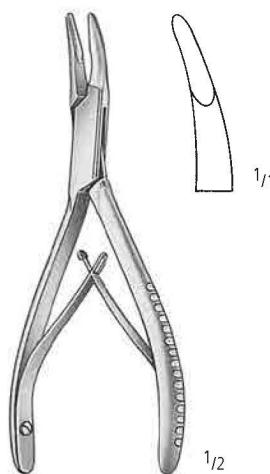
HOEN



ADSON
17,0 cm/6 3/4"

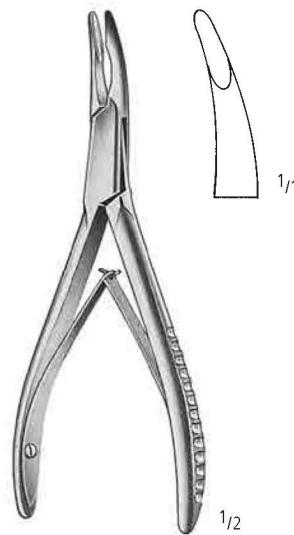
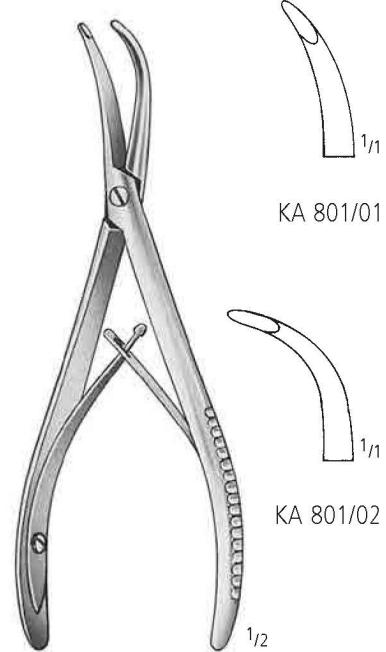
KA ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPEDIE ORTOPEDIA

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

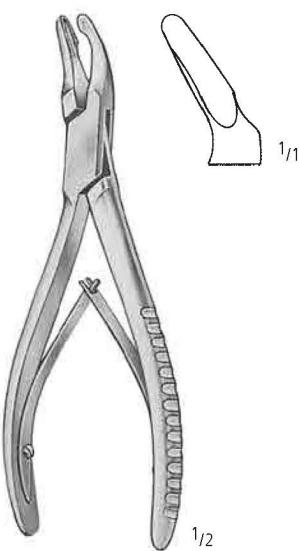
**MINI-FRIEDMAN**

KA 800/12

12,0 cm/5"

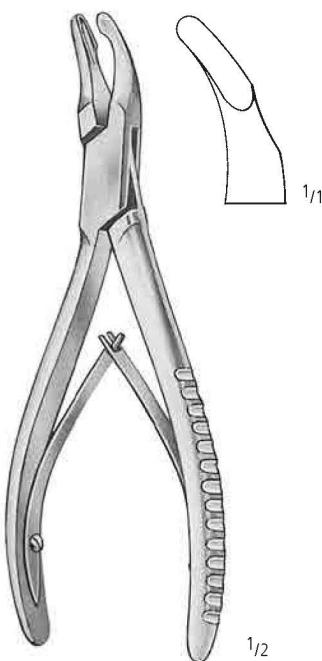
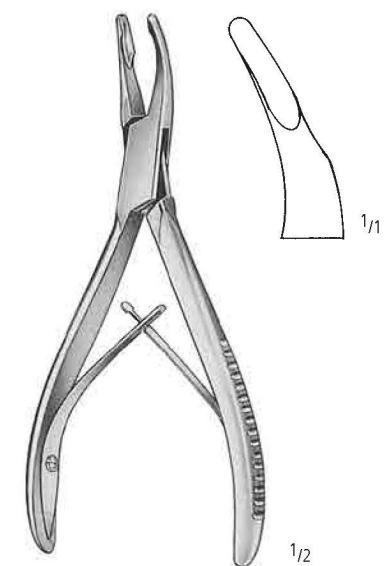
**FRIEDMAN**KA 800/14
14,0 cm/5½"**STELLBRINK**

17,0 cm/6¾"

**CLEVELAND**

KA 802/14

14,0 cm/5½"

**CLEVELAND**KA 802/17
17,0 cm/6¾"**UNIVERSAL**KA 803/13
13,5 cm/5¼"

ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPÉDIE ORTOPEDIA

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

AA

AB

AC

AE

AK

AO

AR

AO

AR

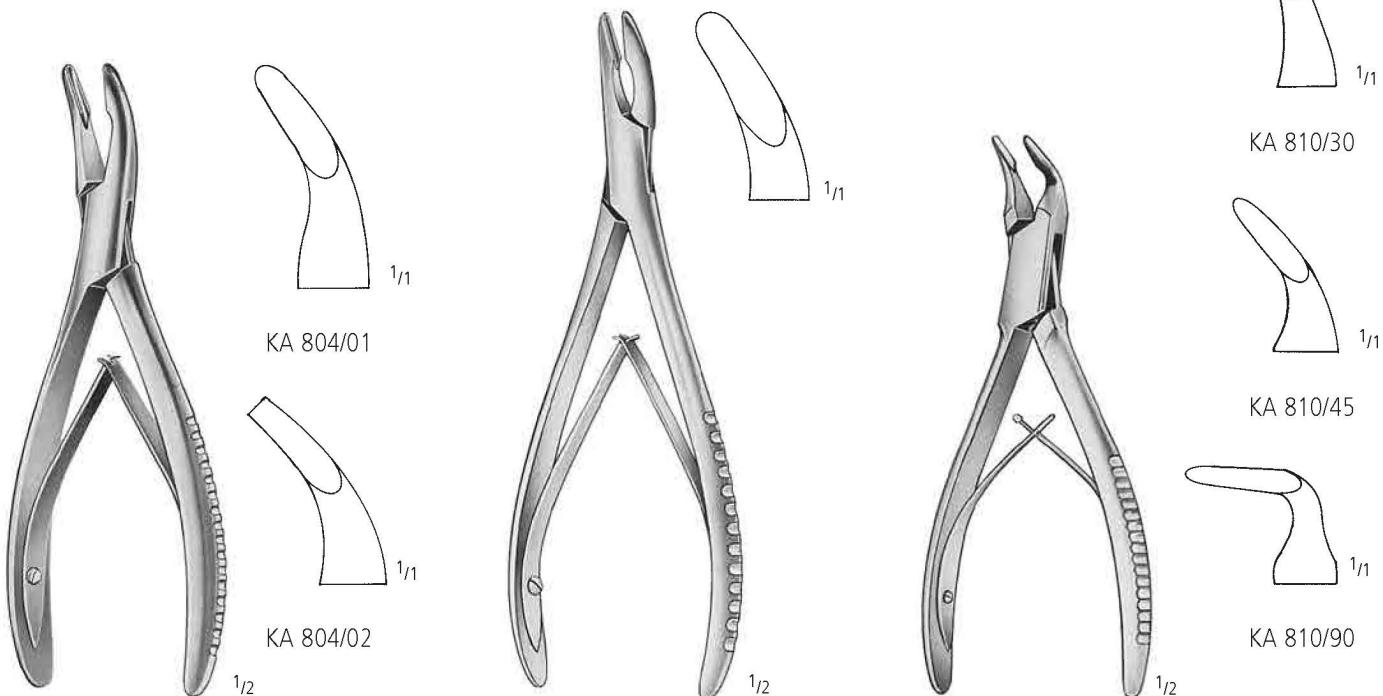
AO

KA

KS

XR

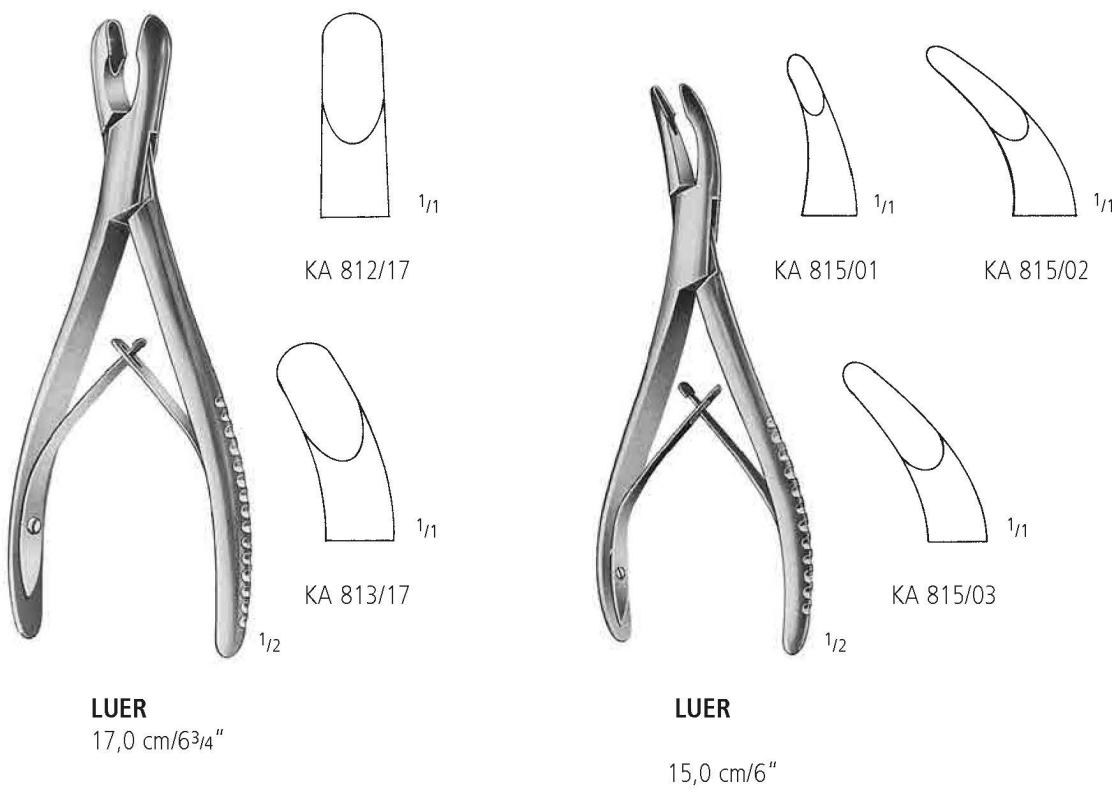
XT



MEAD
16,5 cm/6½"

HARTMANN
KA 807/18
18,5 cm/7¼"

BLUMENTHAL
15,5 cm/6"

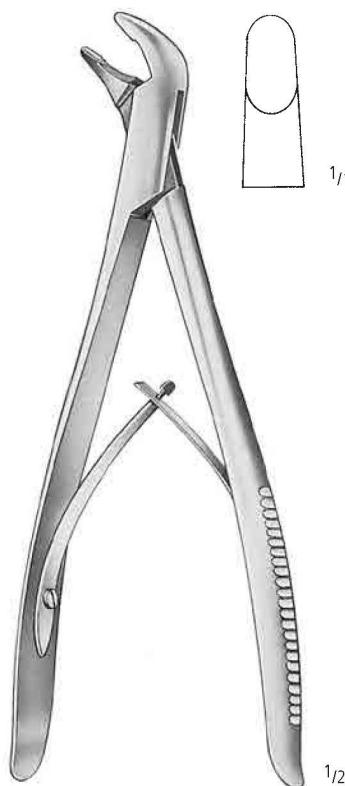


LUER
17,0 cm/6¾"

LUER
15,0 cm/6"

KA ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPEDIE ORTOPEDIA

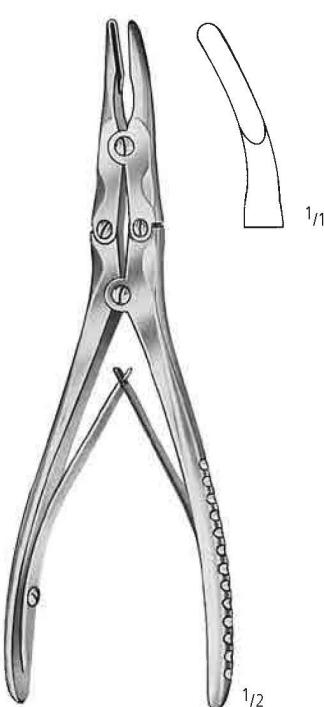
Hohlmeisselzangen
Bone Rongeurs
Pinzas-gubias
Pinces-gouges
Pinze-sgorbie

**LEMPERT**

KA 816/19
19,0 cm/7½"

**BACON**

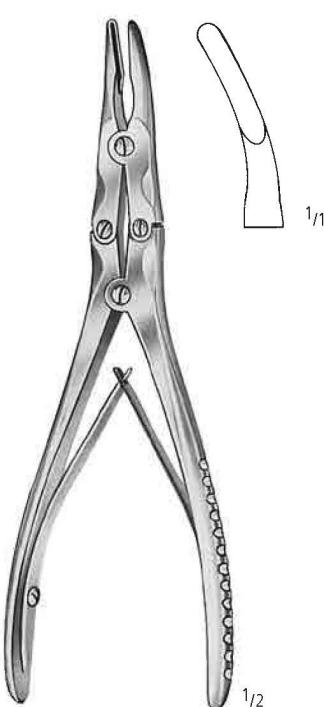
KA 819/20
20,0 cm/8"

**MARQUARDT**

KA 821/20
20,0 cm/8"

**MAYFIELD**

KA 823/17
17,0 cm/6¾"



ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPÉDIE ORTOPEDIA

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

AA

AB

AC

AE

AK

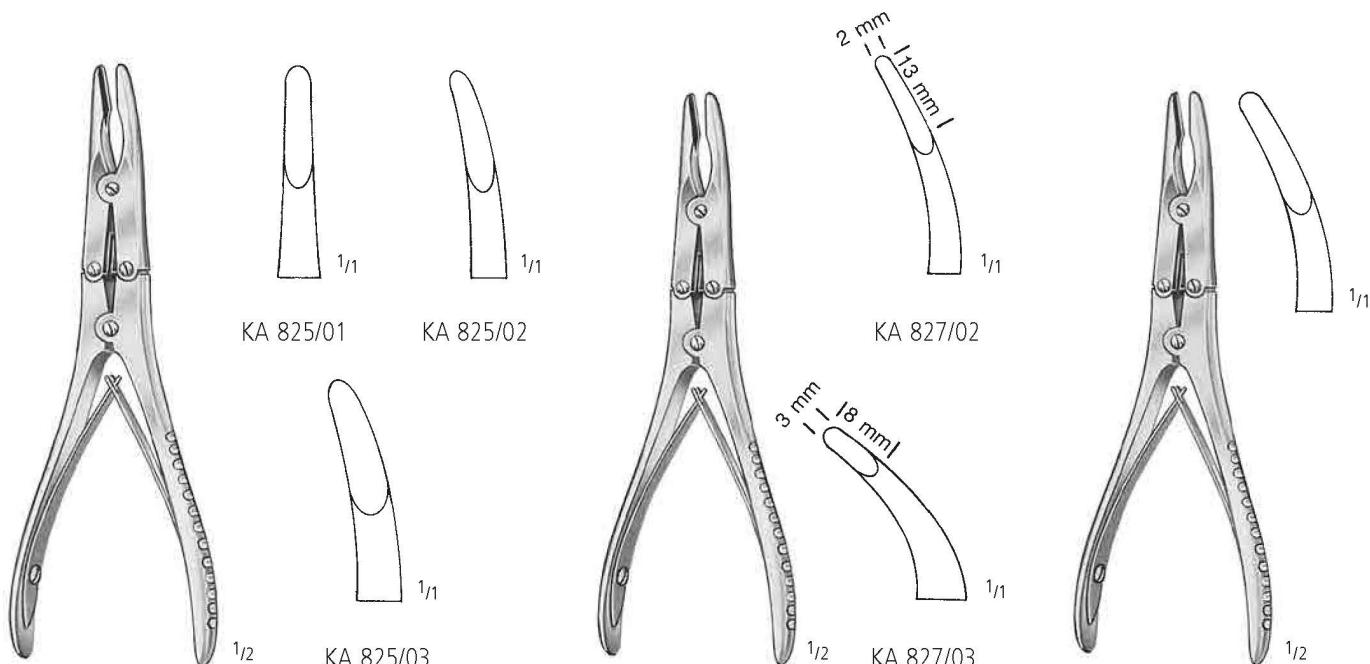
AO

AR

KA

KA

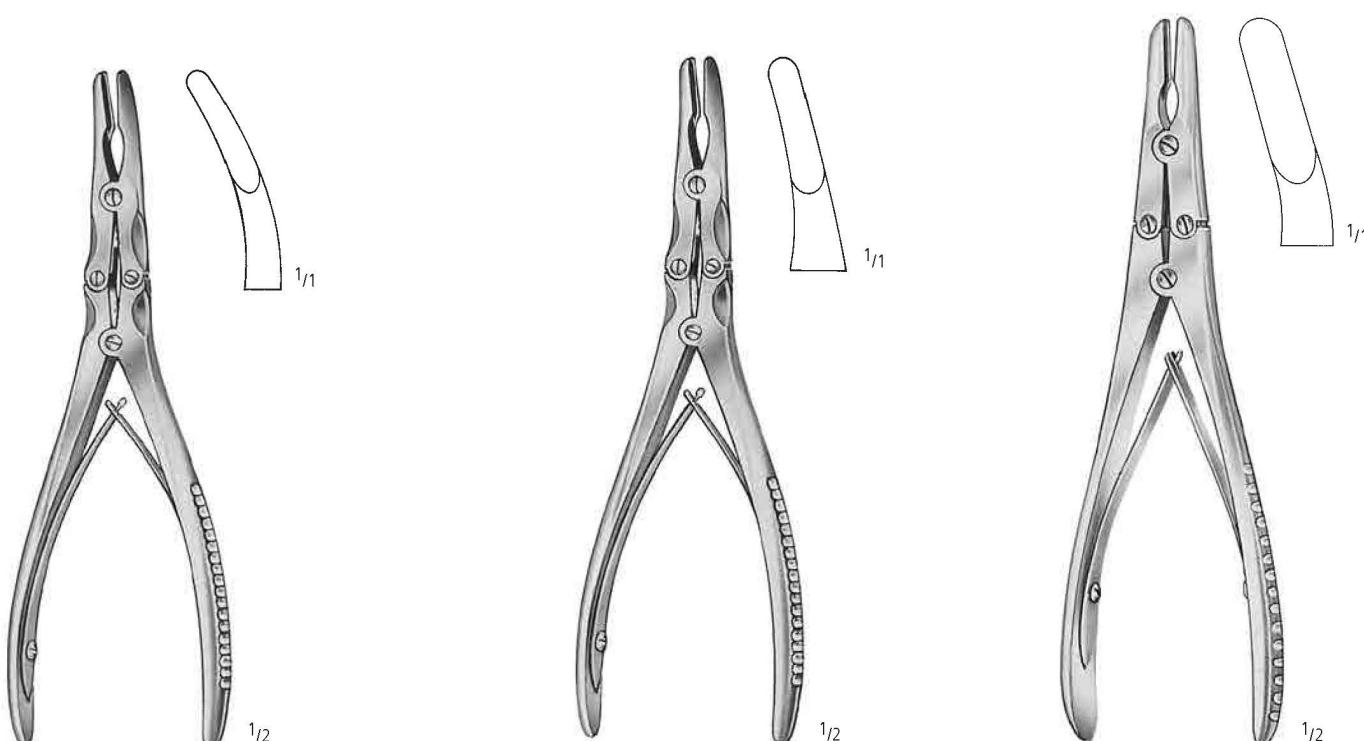
KS



BÖHLER
15,0 cm/6"

KLEINERT-KUTZ
15,0 cm/6"

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



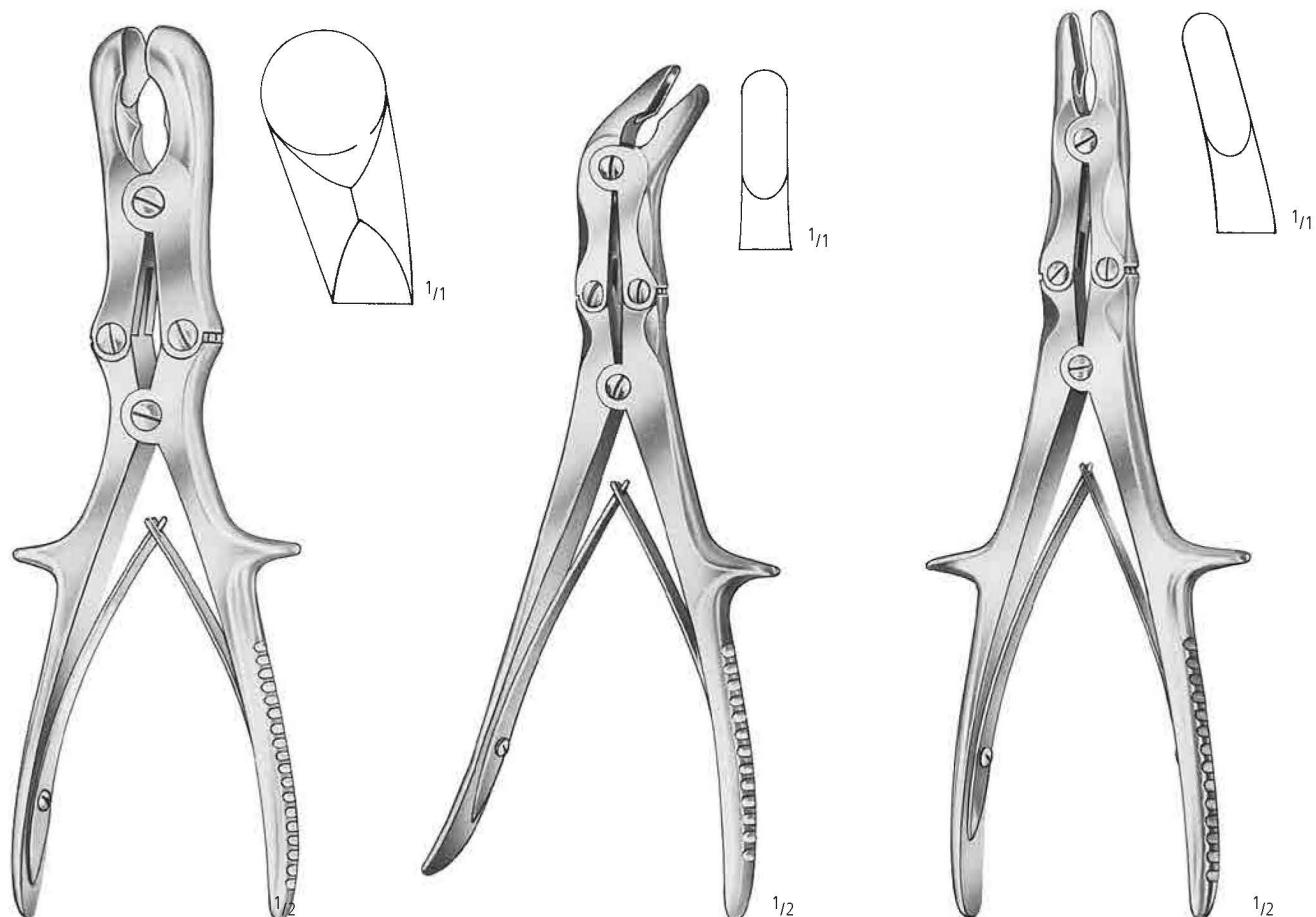
BEYER
KA 830/18
18,0 cm/7"

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

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

KA ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPEDIE ORTOPEDIA

Hohlmeisselzangen
Bone Rongeurs
Pinzas-gubias
Pinces-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"

ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPÉDIE ORTOPEDIA

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

AA

AB

AC

AE

AK

AO

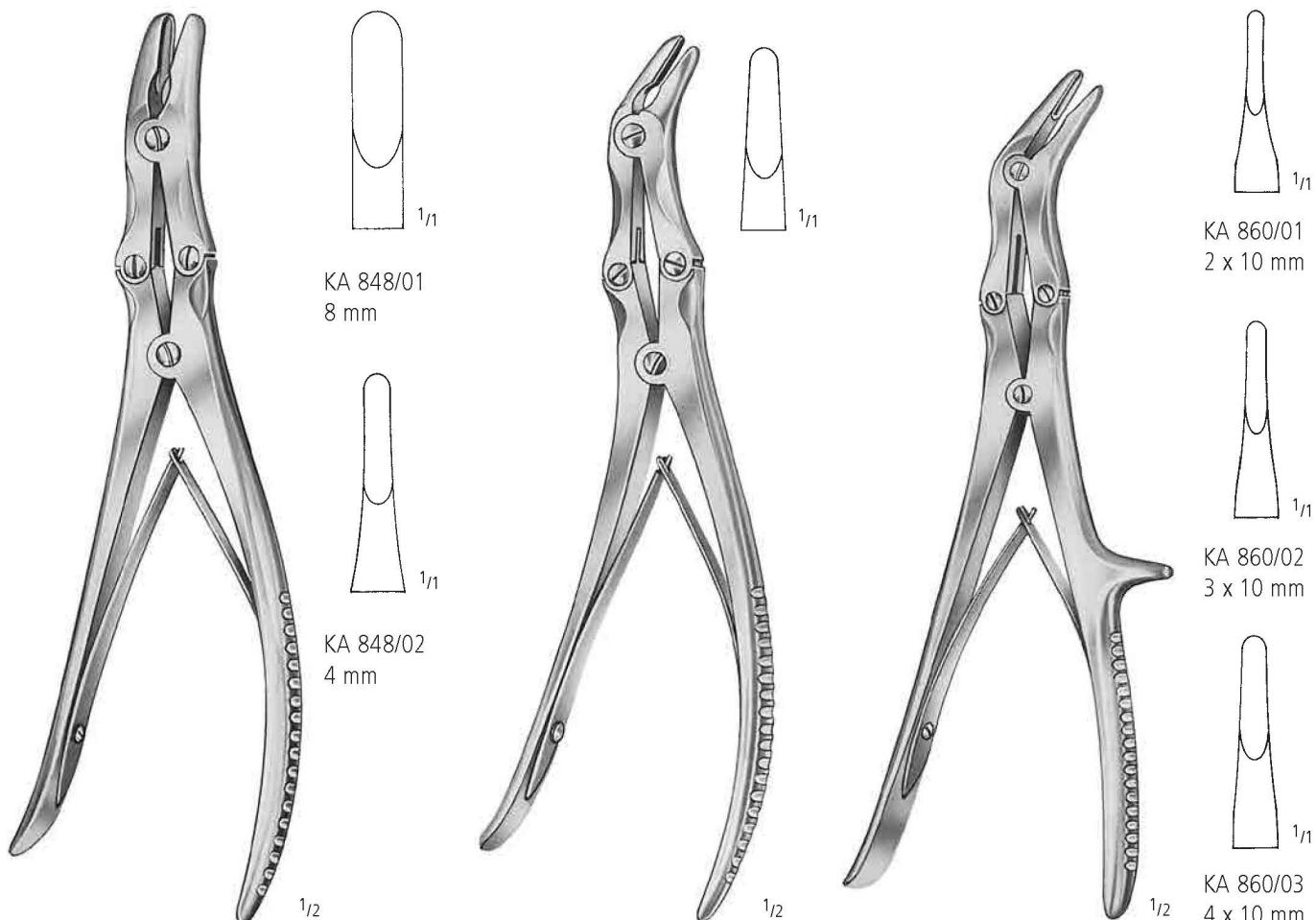
AR

KA

KS

XR

XT



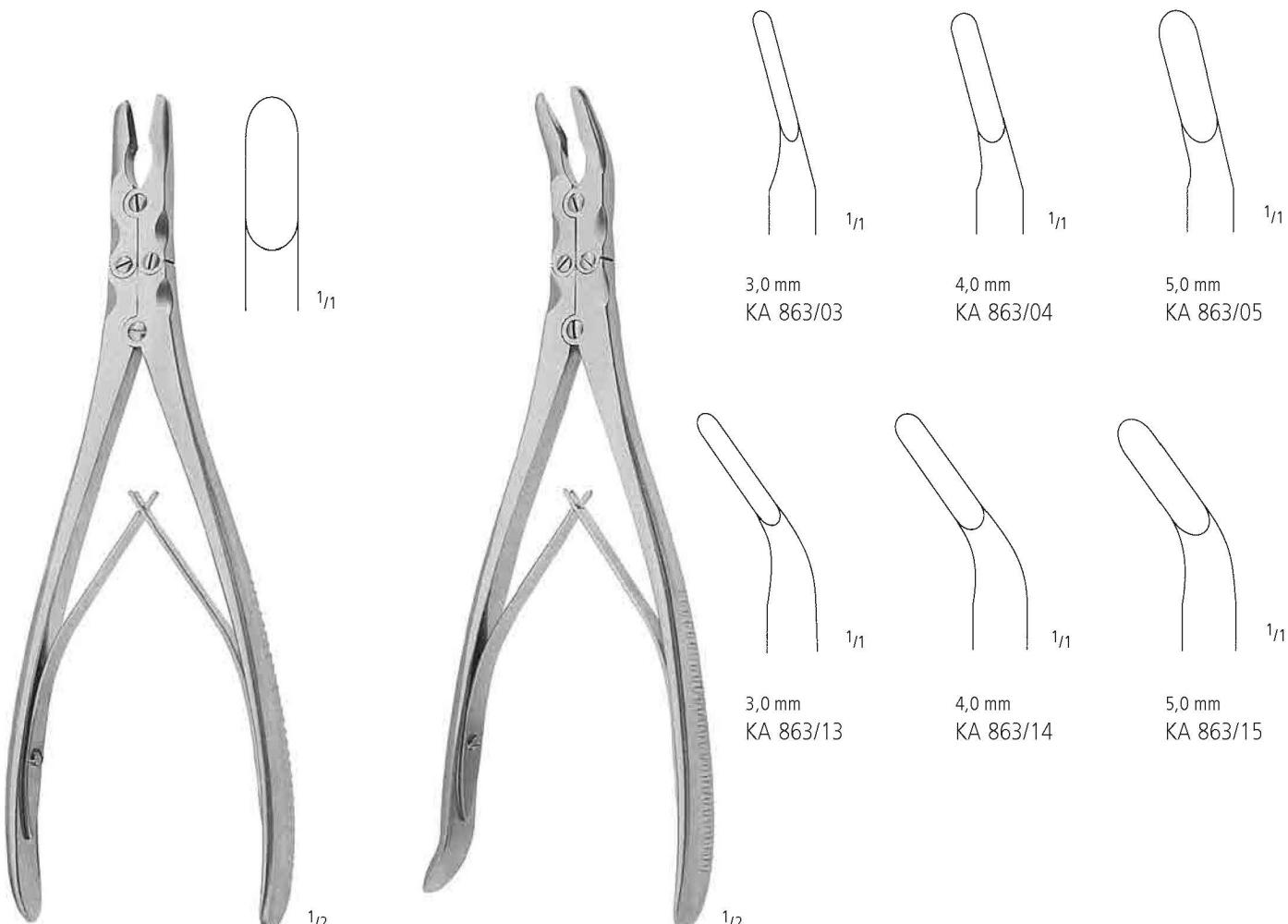
LEKSELL-STILLE
24,0 cm/9½"

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

ECHLIN
23,0 cm/9"

KA ORTHOPÄDIE ORTHOPAEDICS ORTOPEDIA ORTHOPEDIE ORTOPEDIA

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

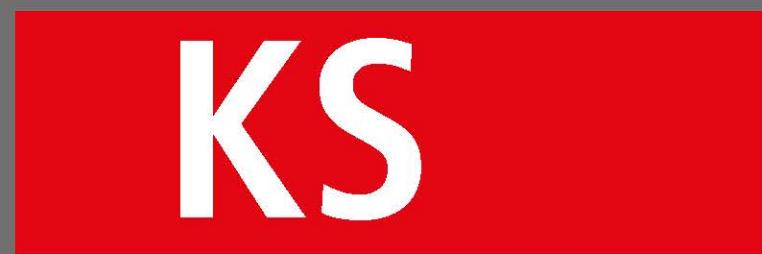
**RUSKIN**

KA 862/23
23,0 cm/9"

SMITH-PETERSON

24,0 cm/9½"

NEUROCHIRURGIE
NEUROSURGERY
NEUROCIRUGIA
NEUROCHIRURGIE
NEUROCHIRURGIA



nopa® instruments



Feine Arterienklemmen
Fine Artery Forceps
Pinzas hemostáticas finas
Pince hémostatiques fines
Pinze emostatica fine

AA

AB

AC

AE

AK

AR

KS

XR

XT



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



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

Präparierklemmen
Dissecting Forceps
Pinzas para preparaciones
Pince 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

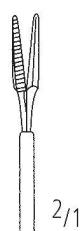
Strumenti per la chirurgia micro



18,5 cm/7¹/₄"



KS 014/01



KS 014/02

KS

XR

XT

KA

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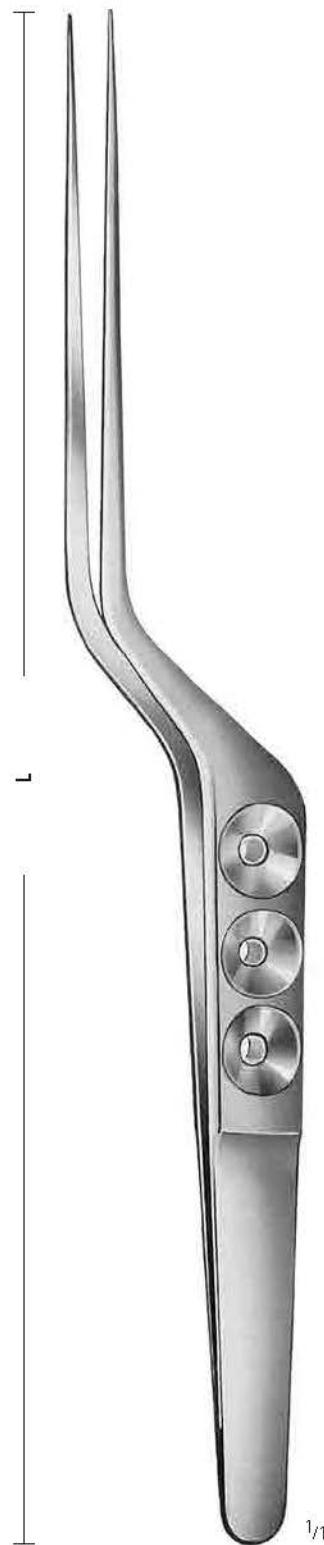
AO

AC

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AA

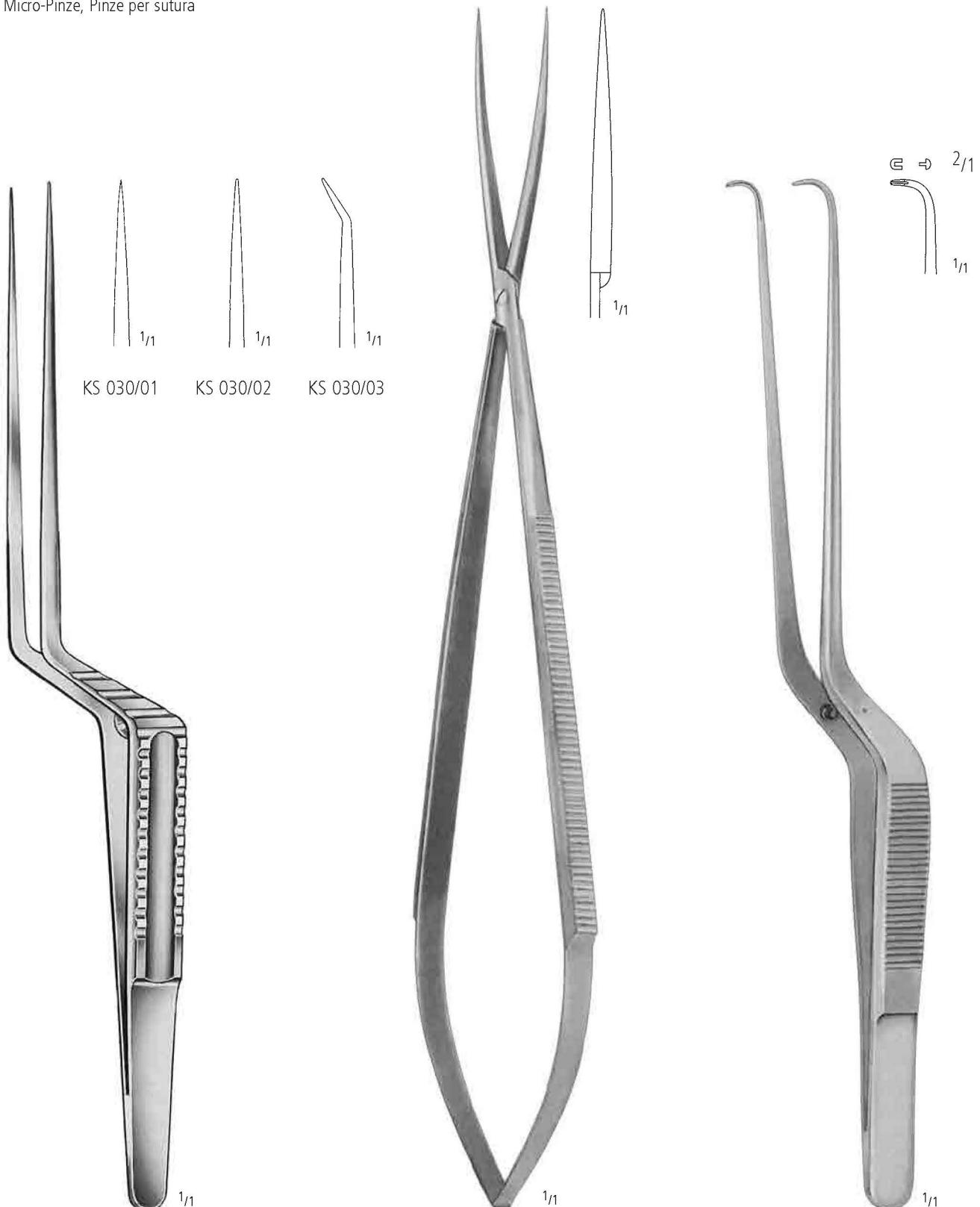
Mikro-Pinzen
Micro Forceps
Micro-Pinzas
Micro-Pince
Micro-Pinze



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/8¾"	0,6 mm	KS 024/06
22,0 cm/8¾"	0,9 mm	KS 024/09
24,0 cm/9½"	0,6 mm	KS 026/06
24,0 cm/9½"	0,9 mm	KS 026/09

NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

Mikro-Pinzen, Nahtpinzen
Micro Forceps, Suture Forceps
Micro-Pinzas, Pinzas para sutura
Micro-Pinces, Pinces pour sutures
Micro-Pinze, Pinze per sutura



18,5 cm/7 1/4"

KS 032/22
22,0 cm/8 3/4"KS 036/18
18,5 cm/7 1/4"**KS**

AA
AB
AC
AE
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AO
AR
KA
XR
XT

Mikro-Pinzen
Micro Forceps
Micro-Pinzas
Micro-Pince
Micro-Pinze



TITANIUM

1,5 mm



15,0 cm/6"

KS 040/15

2,0 mm



KS 040/20

20,0 cm/8"

KS 041/20

2,8 mm



KS 040/28

24,0 cm/9 3/4"

KS 041/15

KS 041/28

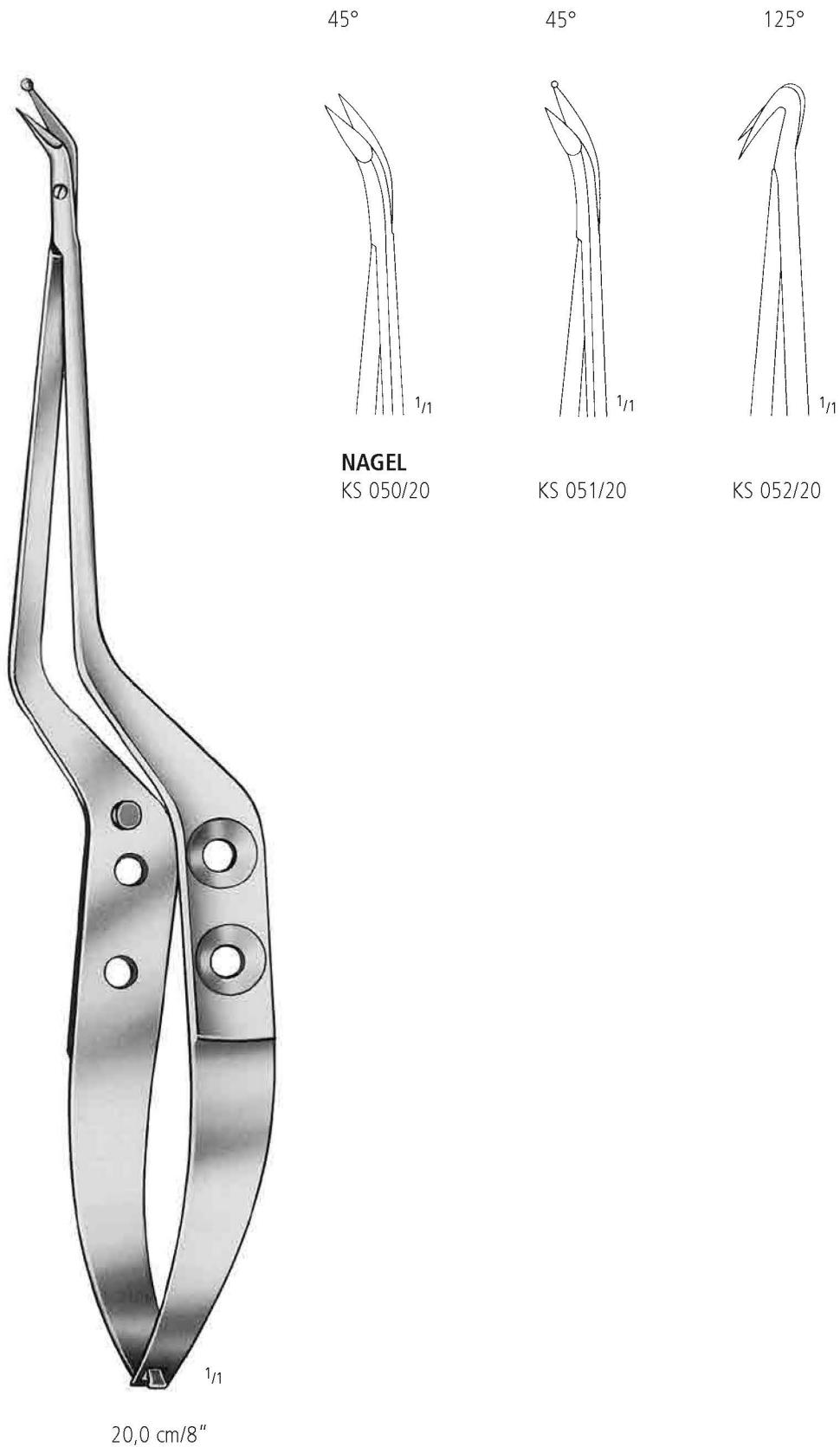
KS 042/15

KS 042/20

KS 042/28

DIETHRICH

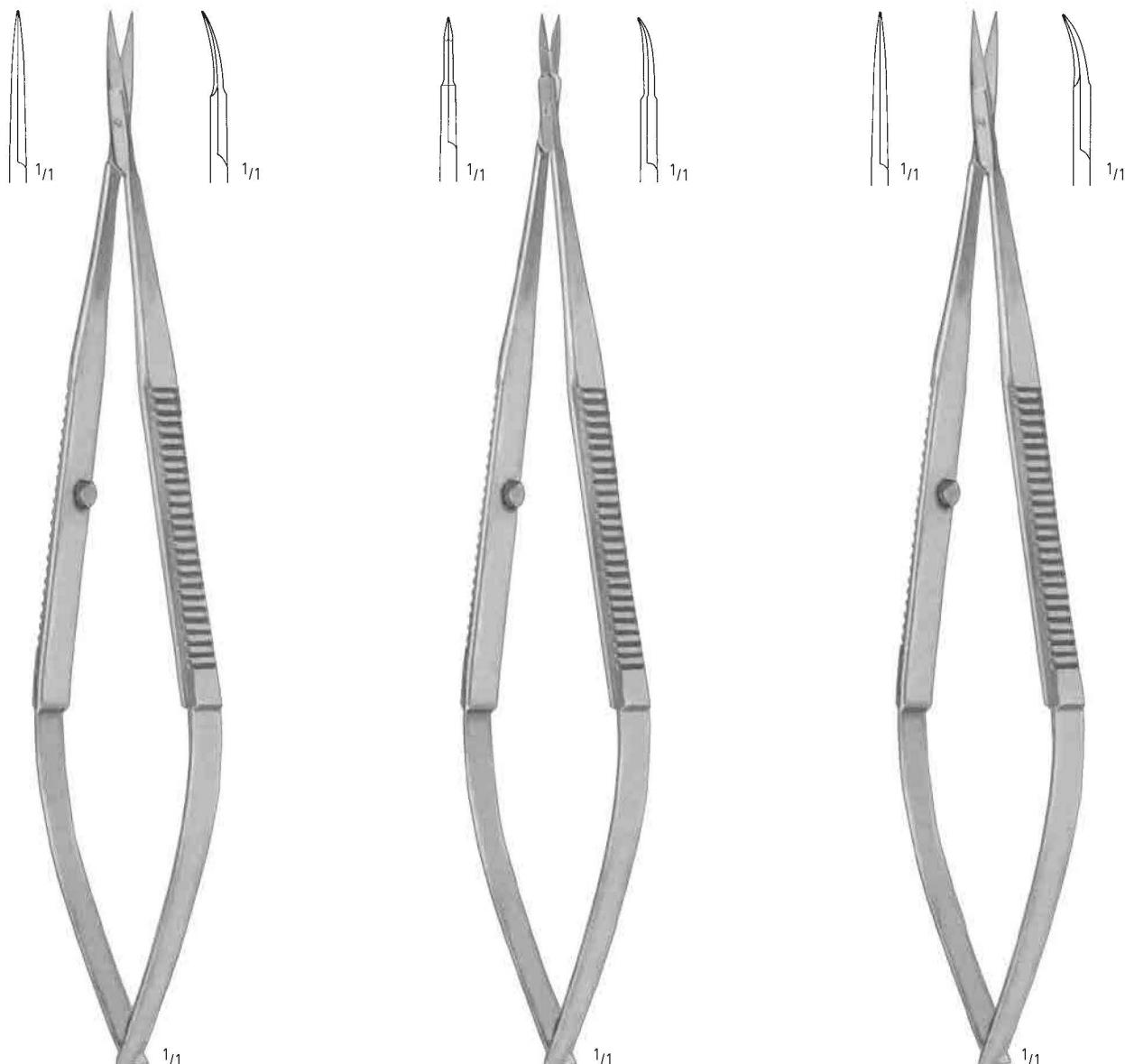
Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



AA
AB
AC
AE
AK
AO
AR
KA
XR
XT
KS

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici

gezahnt
saw edge
dentadas
dentelés
dentata



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

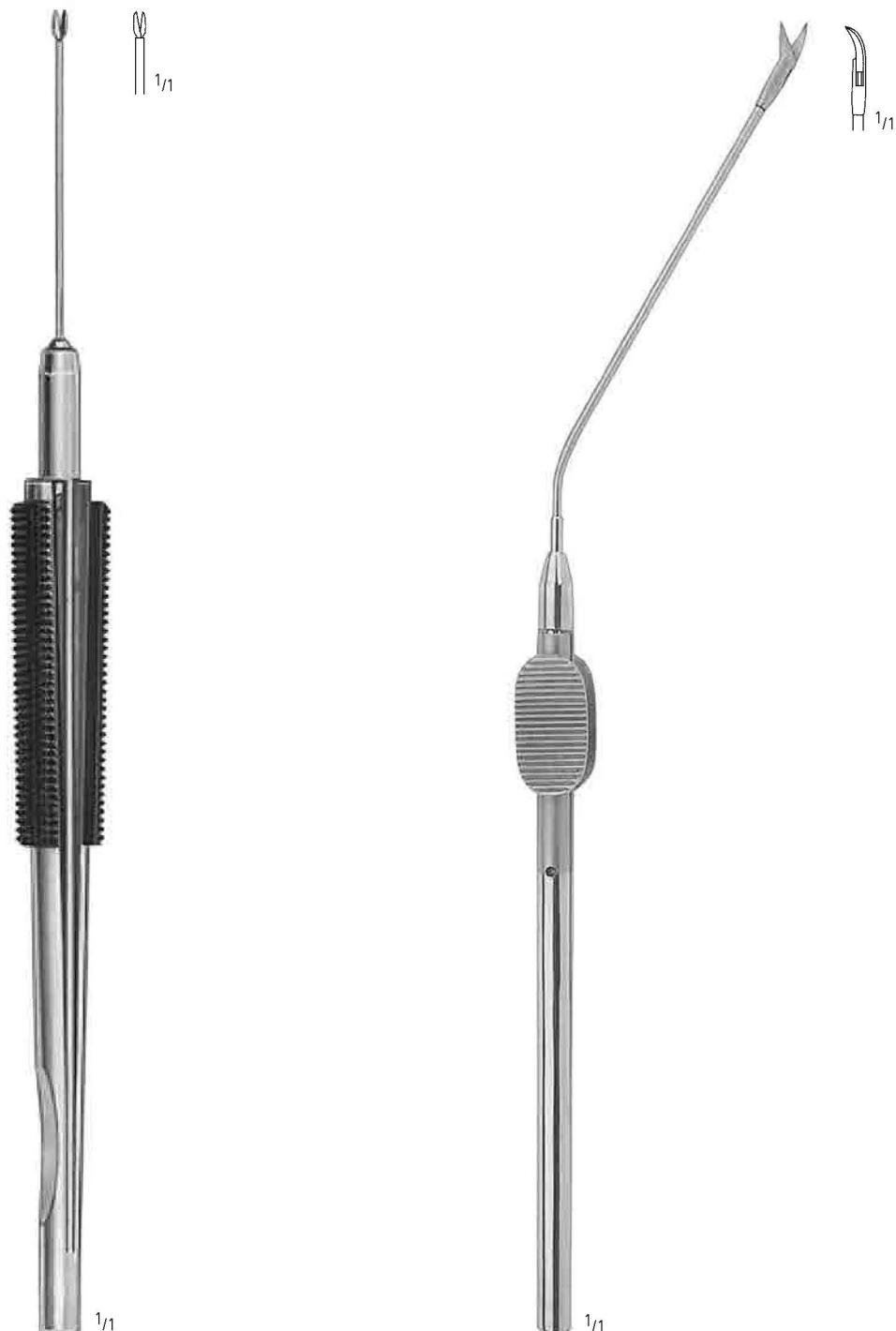
MILLESI

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"

KS

XR

XT

KA

AR

AO

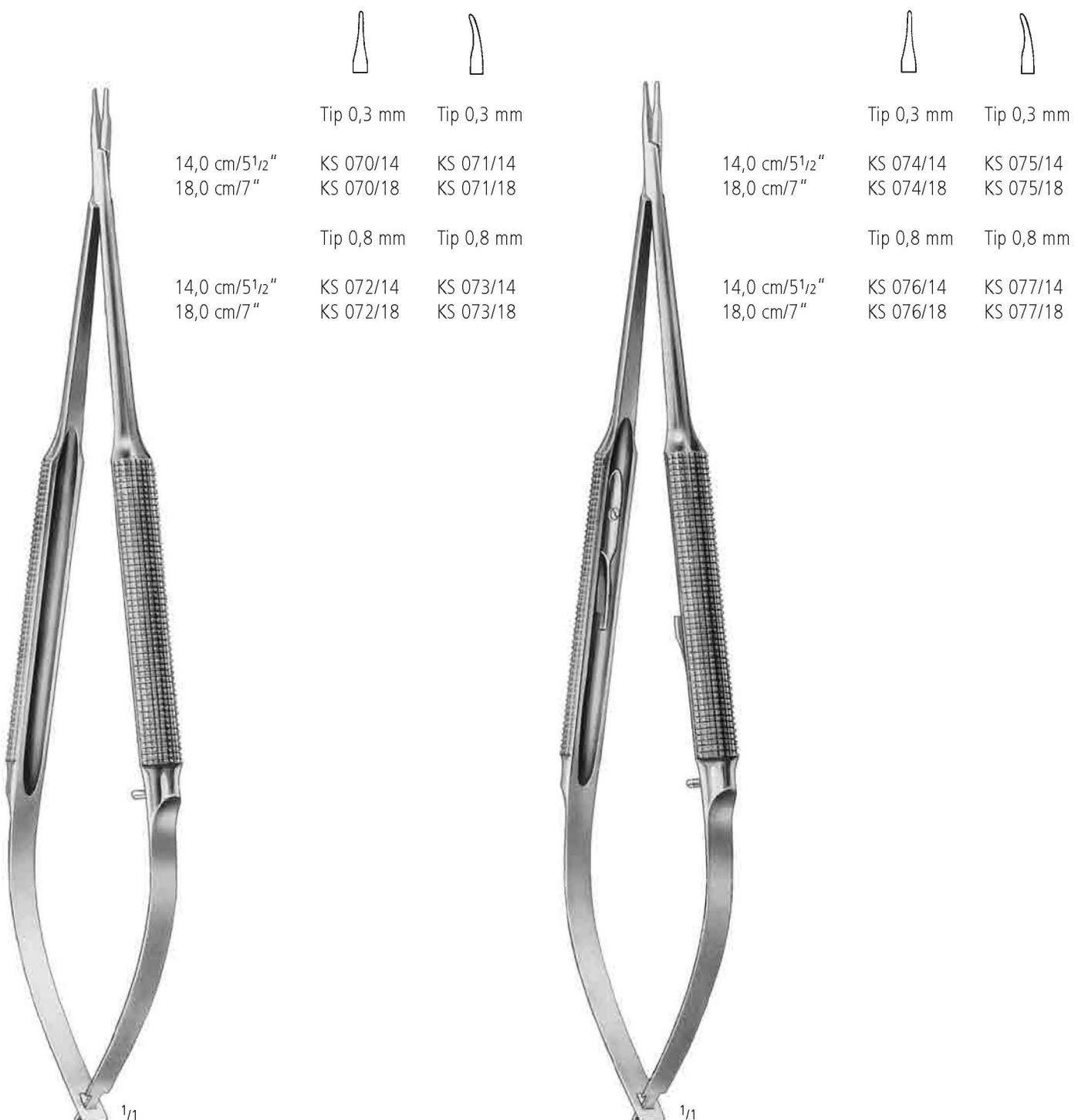
AC

AB

AA

KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

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

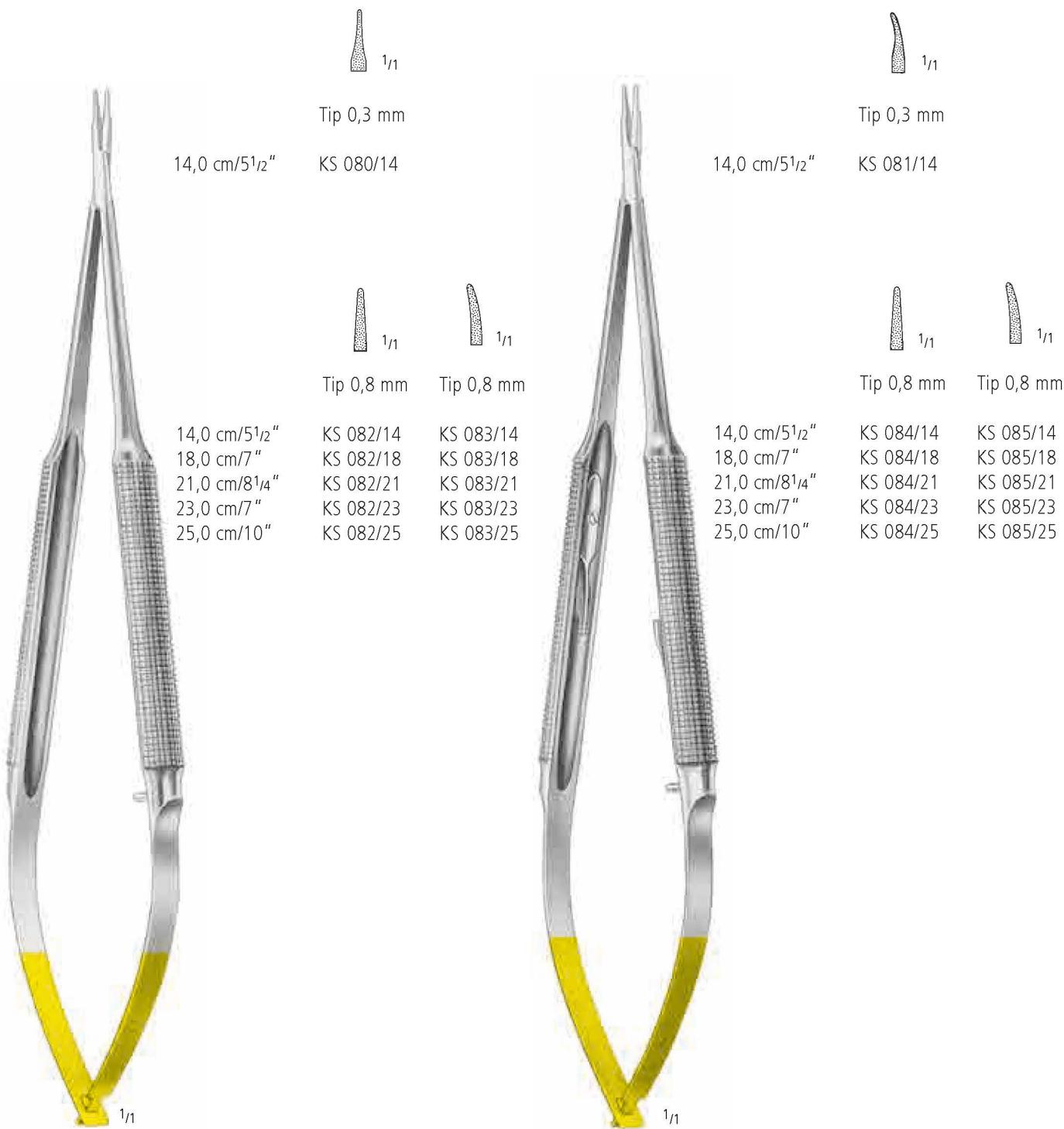


BARRAQUER

BARRAQUER

Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles
Portaghi

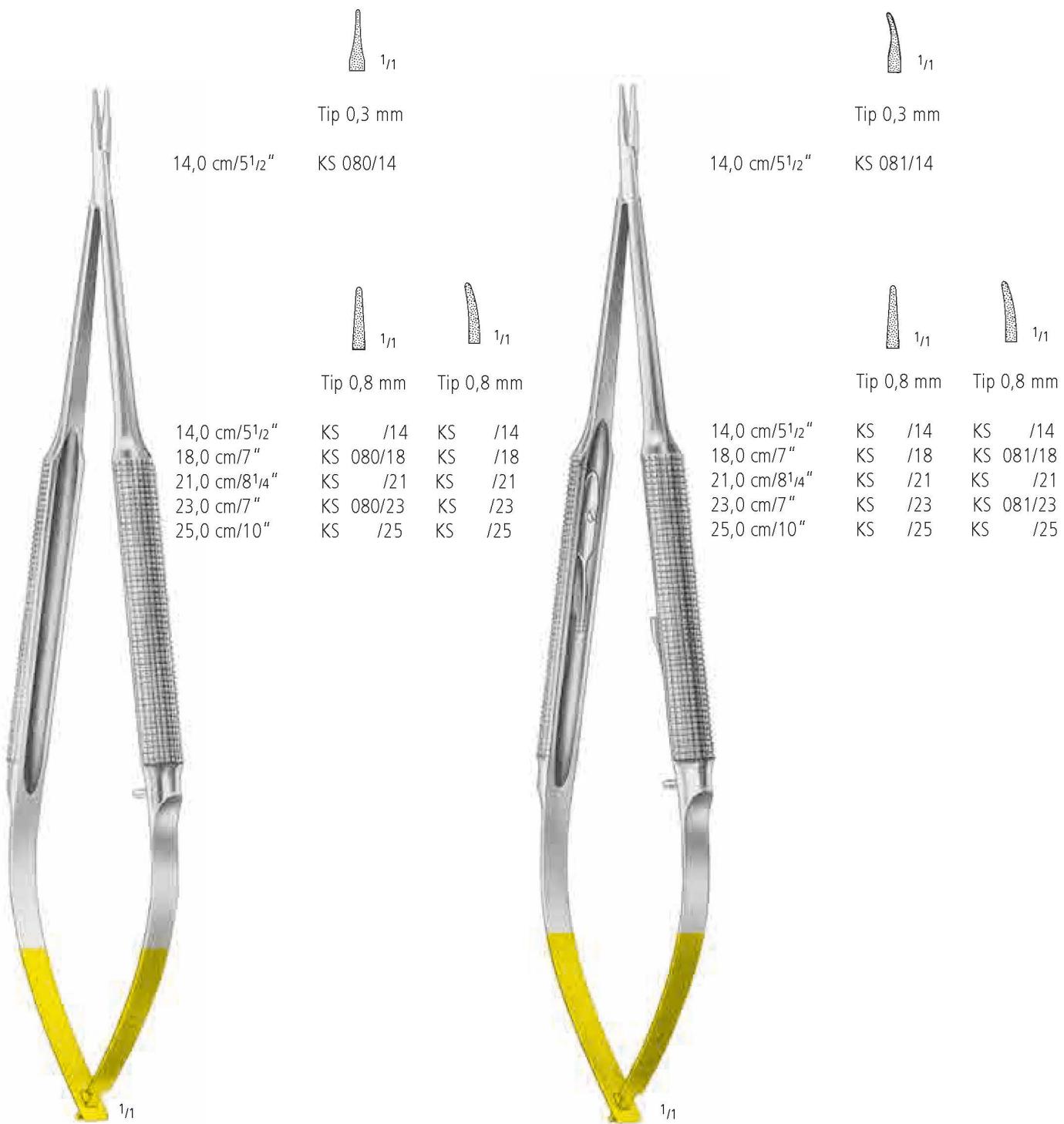
nopa® DIAMOND



KS

Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles
Portagli

nopa® DIAMOND



KS

XR

XT

KA AR

AK AE

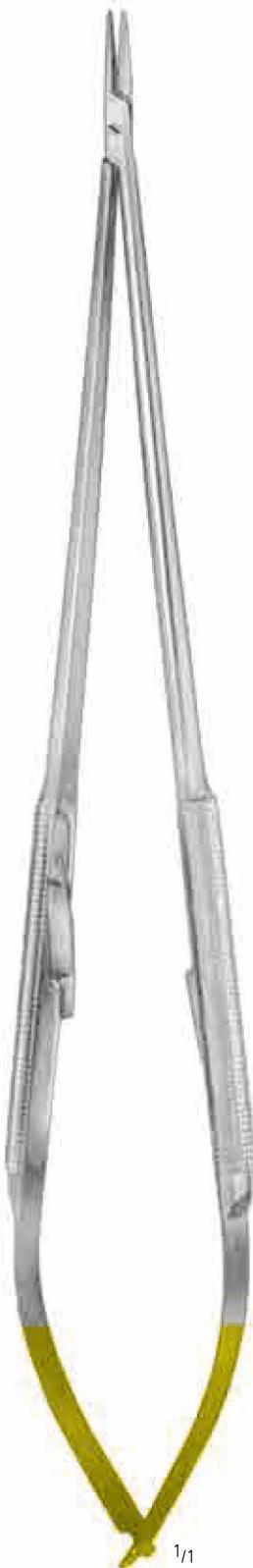
AC

AB

AA

Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles
Portagli

nopa® DIAMOND



KS 082/21



KS 083/21

1/1

21,0 cm/8 1/4"

Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles
Portagli

nopa® DIAMOND



15,0 cm/6"
18,0 cm/7"
23,0 cm/9"

KS 084/15
KS 084/18
KS 084/23

KS

XR

XT

AA

AB

AC

AE

AK

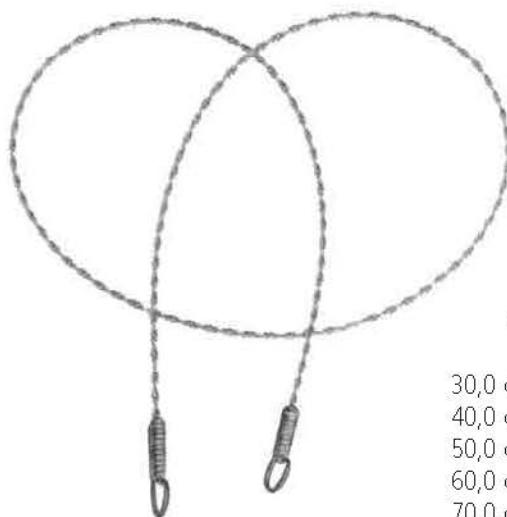
AO

AR

KA

KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

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



L

30,0 cm/12"
40,0 cm/16"
50,0 cm/20"
60,0 cm/24"
70,0 cm/28"

2x

KS 102/30
KS 102/40
KS 102/50
KS 102/60
KS 102/70

3x

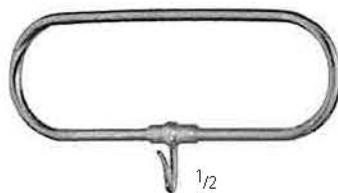
KS 103/30
KS 103/40
KS 103/50
KS 103/60
KS 103/70

OLIVECRONA-GIGLI



1/2

KS 120/00
Paar / pair / pareja / paire / paio



1/2

KS 122/00
Paar / pair / pareja / paire / paio



1/2

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

AA

AB

AC

AE

AK

AO

AR

KA

KS

XR

XT



1/2

DE VILBISS

KS 160/21

21,0 cm/8 1/4"



1/2

DAHLGREEN

KS 162/20

20,0 cm/8"

KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

Schädelhalter
Cervical Traction Tongs
Pinzas de tracción craneal
Pince 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



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

KS 210/01

Hirnretraktor
Brain Retractor
Separadores cerebrales
Ecarteurs cérébrales
Divaricatori cerebrali

AA

AB

AC

AE

AK

AO

AR

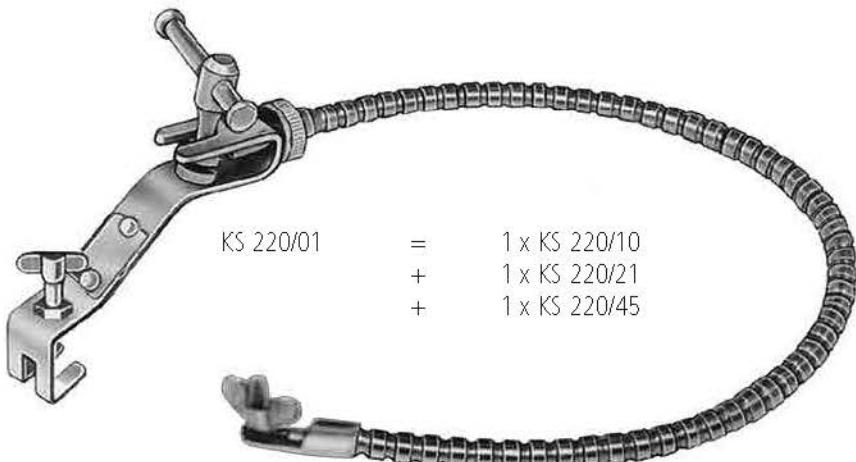
KA

KS

XR

XT

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

Hirnretraktor
Brain Retractor
Separadores cerebrales
Ecarteurs cérébrales
Divaricatori cerebrali

LEYLA



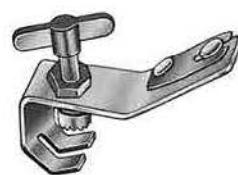
KS 220/10



KS 220/21



KS 220/22



KS 220/30



KS 220/40



KS 220/45

Hirnretractor
Brain Retractor
Separadores cerebrales
Ecarteurs cérébrales
Divaricatori cerebrali

AA

AB

AC

AE

AK

AO

AR

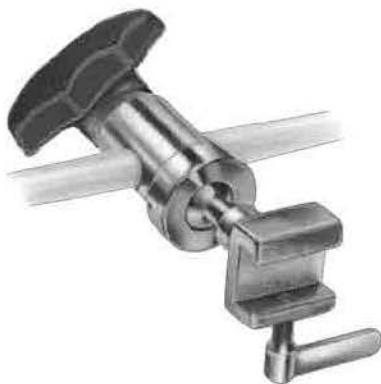
KA

KS

XR

XT

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 KS 222/09
10 x 25 mm KS 222/10



KS 222/20



KS 222/25



KS 222/40

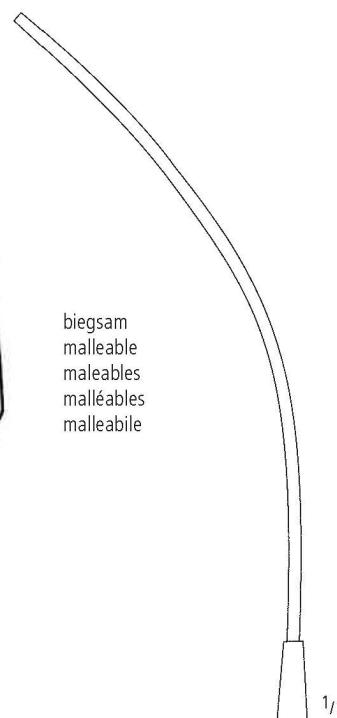
Hirnspatel
Brain Spatulas
Espátulas cerebrales
Spatules cérébrales
Spatoli cerebrali



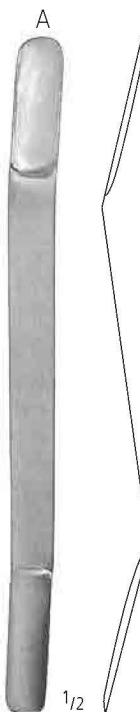
HEIFETZ
20,0 cm/8"

biegsam
malleable
maleables
malléables
malleabile

8 mm	KS 230/08
11 mm	KS 230/11
14 mm	KS 230/14
17 mm	KS 230/17
20 mm	KS 230/20



1/1



OLIVECRONA
18,0 cm/7"

konkav
concave
cóncavas
concaves
concave

konvex
convex
convexas
convexes
convese

A	B	
mm	mm	
KS 232/01	7	9 KS 233/01
KS 232/02	11	13 KS 233/02
KS 232/03	15	18 KS 233/03
KS 232/04	18	22 KS 233/04



18,0 cm/7"

biegsam
malleable
maleables
malléables
malleabile

A	B	
mm	mm	
7	9	KS 236/01
11	13	KS 236/02
15	18	KS 236/03
18	22	KS 236/04

1/2

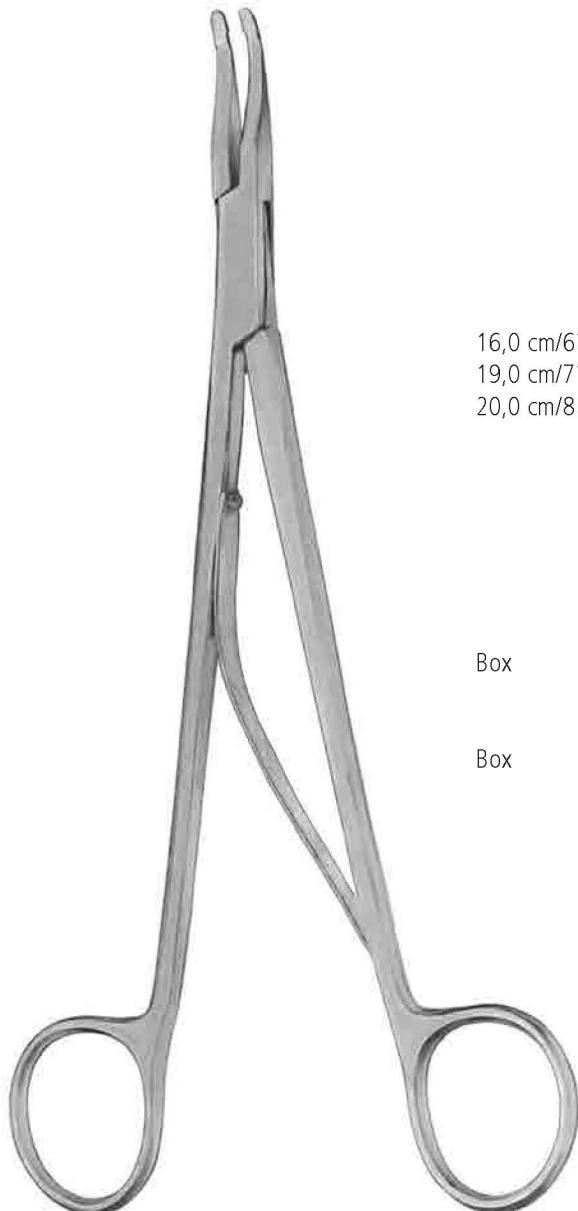


20,0 cm/8"

biegsam
malleable
maleables
malléables
malleabile

12 mm	KS 237/12
17 mm	KS 237/17

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



16,0 cm/6 1/4"
 19,0 cm/7 1/2"
 20,0 cm/8"

klein
small
KS 240/01

mittel
medium
KS 240/02

mittel-groß
medium-large
KS 241/01

groß
large
KS 242/03

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

**KS**

XR

AA

AB

AC

AE

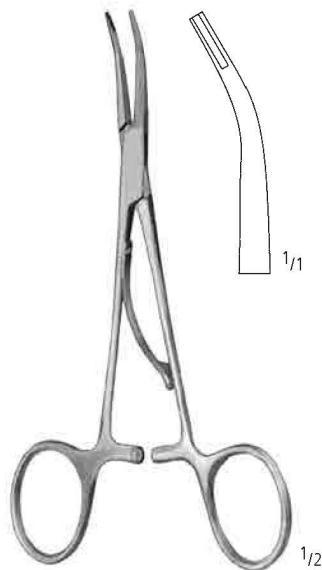
AK

AO

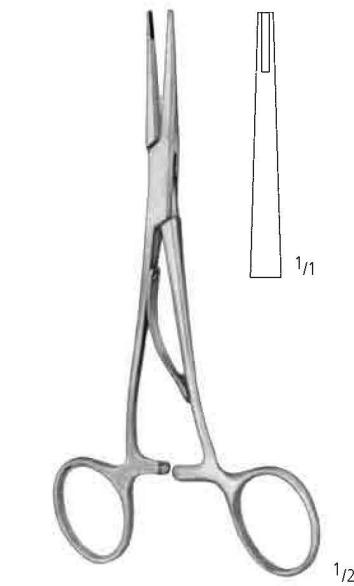
AR

KA

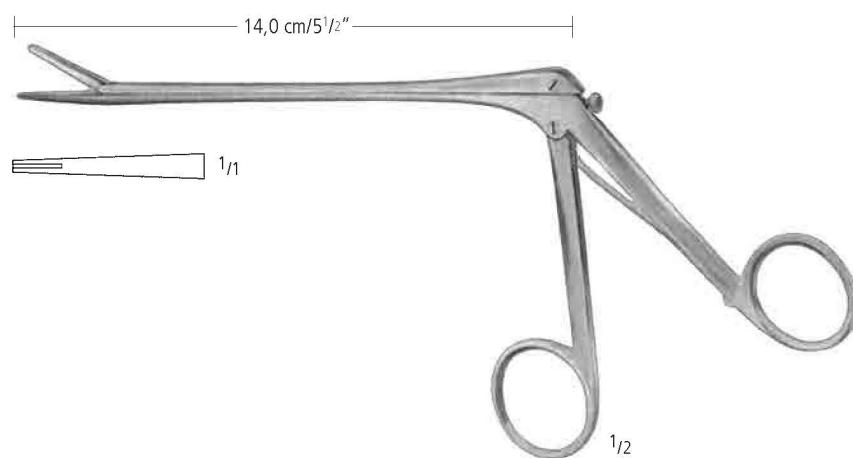
Anlegezangen
Applying Forceps
Pinzas aplicadoras
Pince pour le cuir chevelu
Pinze al cuoio capelluto



MC KENZIE
15,0 cm/6"
19,0 cm/7½"



MC KENZIE
15,0 cm/6"
19,0 cm/7½"



**OLIVECRONA-TOENNIS
(SCOVILLE)**
KS 258/00

NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

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

AA

AB

AC

AE

AK

AO

AR

KA

KS

XR

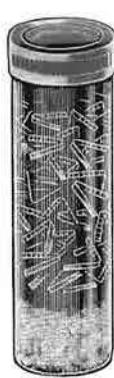
XT



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

Verkaufseinheit: 10 Stück
Unit for Sale: 10 pieces
Unidad de venta: 10 piezas
Unité de vente: 10 pièces
Unità di vendita: 10 pezzi



KÖLNER
KS 282/00



1/2

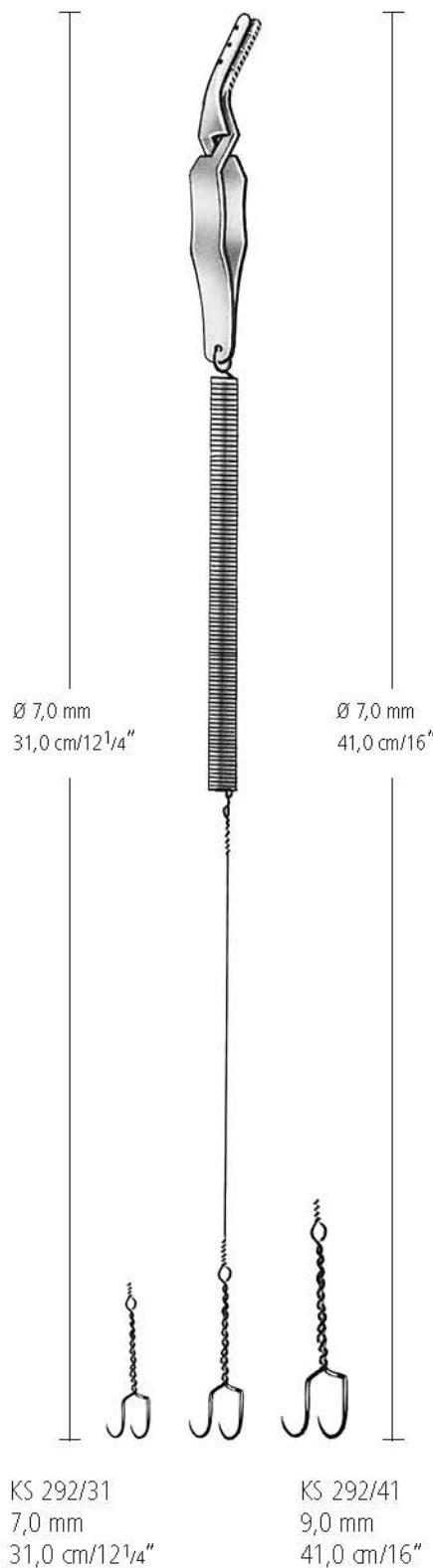
RANEY
KS 286/00
16,0 cm/6 1/4"



RANEY
KS 288/00

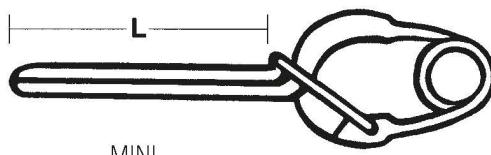
KS 288/00

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



NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

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



B
Maulöffnung
Opening
Abertura
Overture
Apertura

F
Schließkraft
Closing Force
Presión
Pression
Pressione

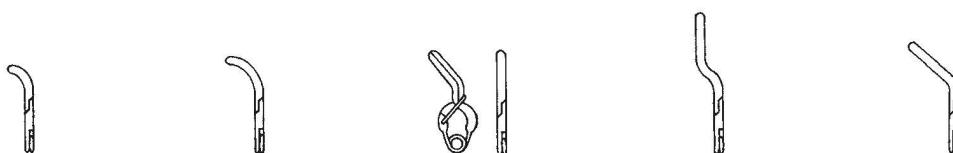
Permanent	KS 300/01	KS 302/01	KS 304/01	KS 306/01	KS 308/01
Temporary	KS 300/02	KS 302/02			KS 308/02



Permanent	KS 301/01	KS 303/01	KS 305/01	KS 307/01	KS 309/01
Temporary		KS 303/02		KS 307/02	



Permanent	KS 311/01	KS 313/01	KS 315/01	KS 317/01	KS 319/01
Temporary		KS 313/02			



	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

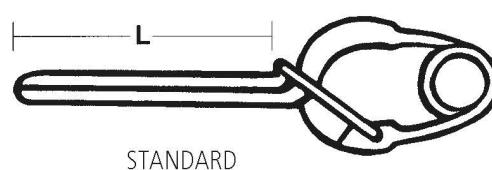


	L (mm)	B (mm)	F (g)
KS 307/02	7,0	4,4	70
KS 308/01	7,0	4,6	110
KS 308/02	7,0	4,6	70
KS 309/01	5,0	3,6	110
KS 311/01	5,0	3,5	110
KS 313/01	7,0	4,0	110
KS 313/02	7,0	4,0	70
KS 315/01	5,0	3,5	130
KS 317/01	7,0	5,7	130
KS 319/01	7,0	4,5	130

KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

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

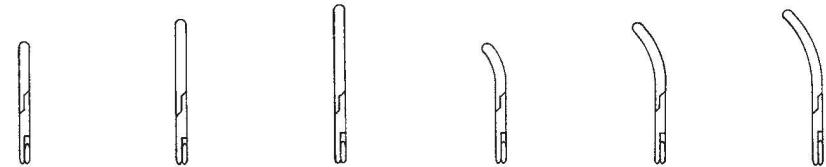
Also available in
TITANIUM



B Maulöffnung
Opening
Abertura
Overture
Apertura

F Schließkraft
Closing Force
Presión
Pression
Pressione

Permanent	KS 330/01	KS 332/01	KS 334/01	KS 331/01	KS 333/01	KS 335/01
Temporary		KS 332/02			KS 333/02	



Permanent	KS 337/01	KS 339/01	KS 341/01	KS 342/01	KS 344/01	KS 346/01	KS 347/01	KS 349/01
Temporary		KS 339/02		KS 342/02	KS 344/02		KS 347/02	KS 349/02

Permanent	KS 351/01	KS 353/01	KS 355/01	KS 357/01	KS 359/01	KS 361/01	KS 363/01
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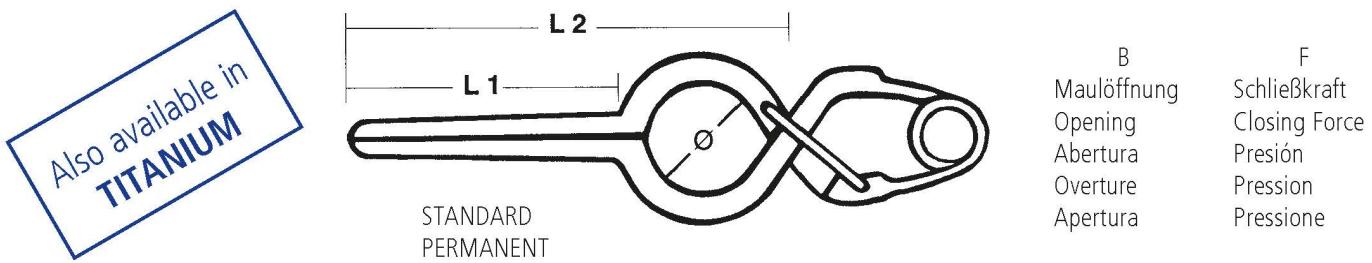
	L (mm)	B (mm)	F (g)
KS 330/01	7,0	6,2	150
KS 331/01	7,0	6,0	150
KS 332/01	9,0	7,0	180
KS 332/02	9,0	7,0	70
KS 333/01	9,0	6,8	180
KS 333/02	9,0	6,8	70
KS 334/01	11,0	7,8	180
KS 335/01	11,0	7,5	180
KS 337/01	7,0	5,5	150
KS 339/01	9,0	6,1	180
KS 339/02	9,0	6,1	70
KS 341/01	11,0	6,5	180
KS 342/01	15,0	9,2	200
KS 342/02	15,0	9,2	70

Also available in
TITANIUM

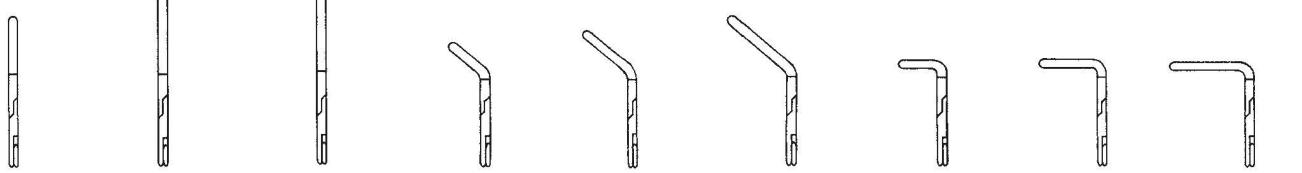
	L (mm)	B (mm)	F (g)
KS 344/01	20,0	11,4	200
KS 344/02	20,0	11,4	90
KS 346/01	25,0	13,3	180
KS 347/01	15,0	8,7	200
KS 347/02	15,0	8,7	70
KS 349/01	15,0	7,4	200
KS 349/02	15,0	7,4	70
KS 351/01	7,0	7,9	200
KS 353/01	9,0	8,7	200
KS 355/01	20,0	13,0	180
KS 357/01	9,0	6,5	200
KS 359/01	7,0	4,5	200
KS 361/01	7,0	7,2	200
KS 363/01	7,0	5,7	200

NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

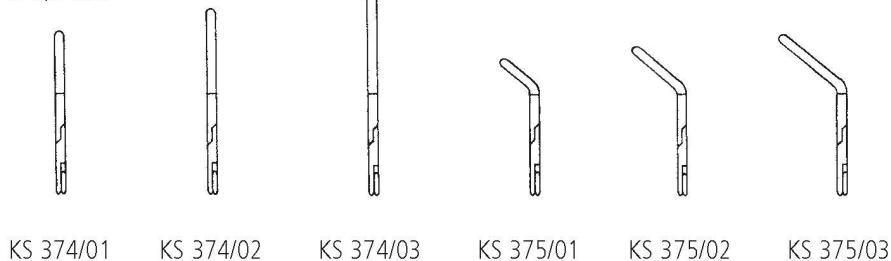
Aneurysmen- und Gefäßclipse
Aneurysm- and Vessel Clips
Clips de Aneurisma
Clips pour Aneurisme
Clips per Aneurismi



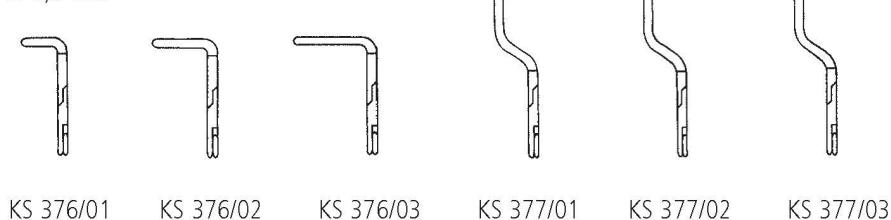
Ø 3,5 mm



Ø 5,0 mm



Ø 5,0 mm



Also available in
TITANIUM

	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

KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

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



MINI
STANDARD

18,0 cm/7"

KS 390/01
KS 390/02

17,0 cm/6 3/4"

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

AA

AB

AC

AE

AK

AO

AR

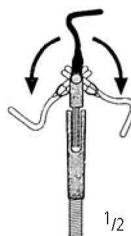
KA

KS

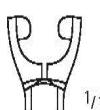
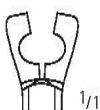
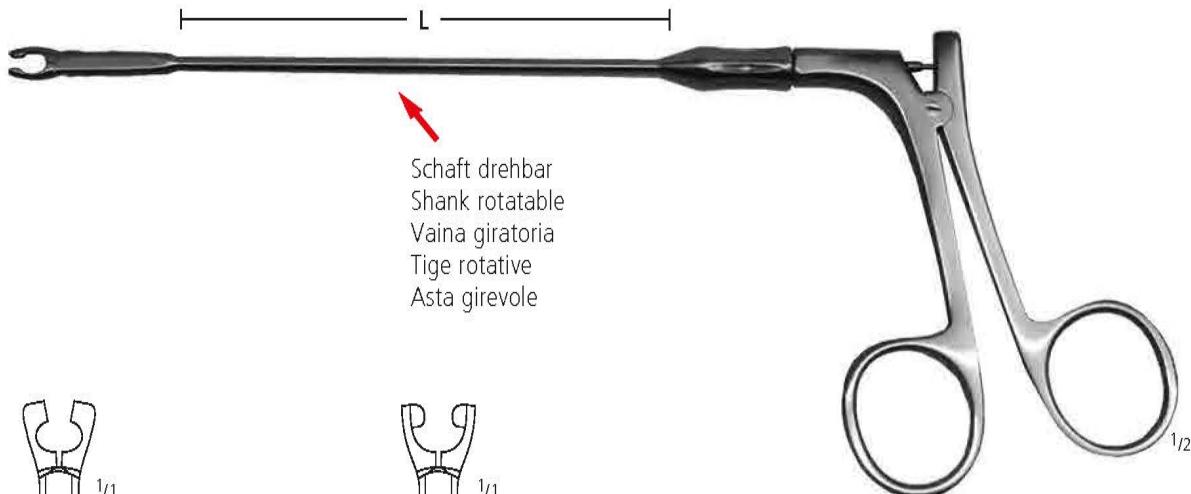
XR

XT

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

KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

Muskelspreizer
Discectomy Retractors
Separadores para músculos
Ecarteurs musculaire
Divaricatori muscolari



20 x 50 mm

△ KS 520/50

□ KS 520/51

20 x 60 mm

KS 520/60

KS 520/61

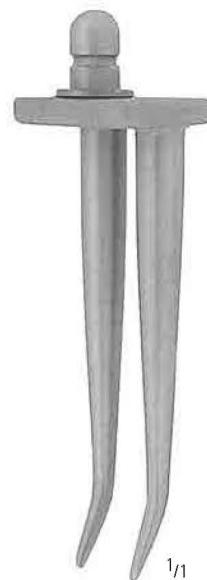
20 x 70 mm

KS 520/70

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

KS 520/37
37 mmKS 520/53
53 mmKS 520/62
62 mm

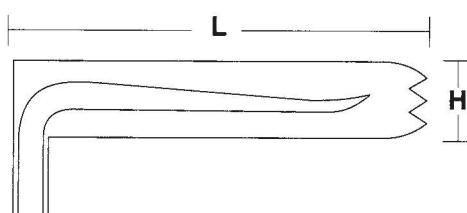
Muskelspreizer
Disectomy Retractors
Separadores para músculos
Ecarteurs musculaire
Divaricatori muscolari



KS 521/51 - KS 521/72
17,0 cm/6 3/4"



KS 522/51 - KS 522/72
17,0 cm/6 3/4"



L	H	Linksmodell Left-type	Rechtsmodell 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

KS

XR

XT

AA

AB

AC

AE

AK

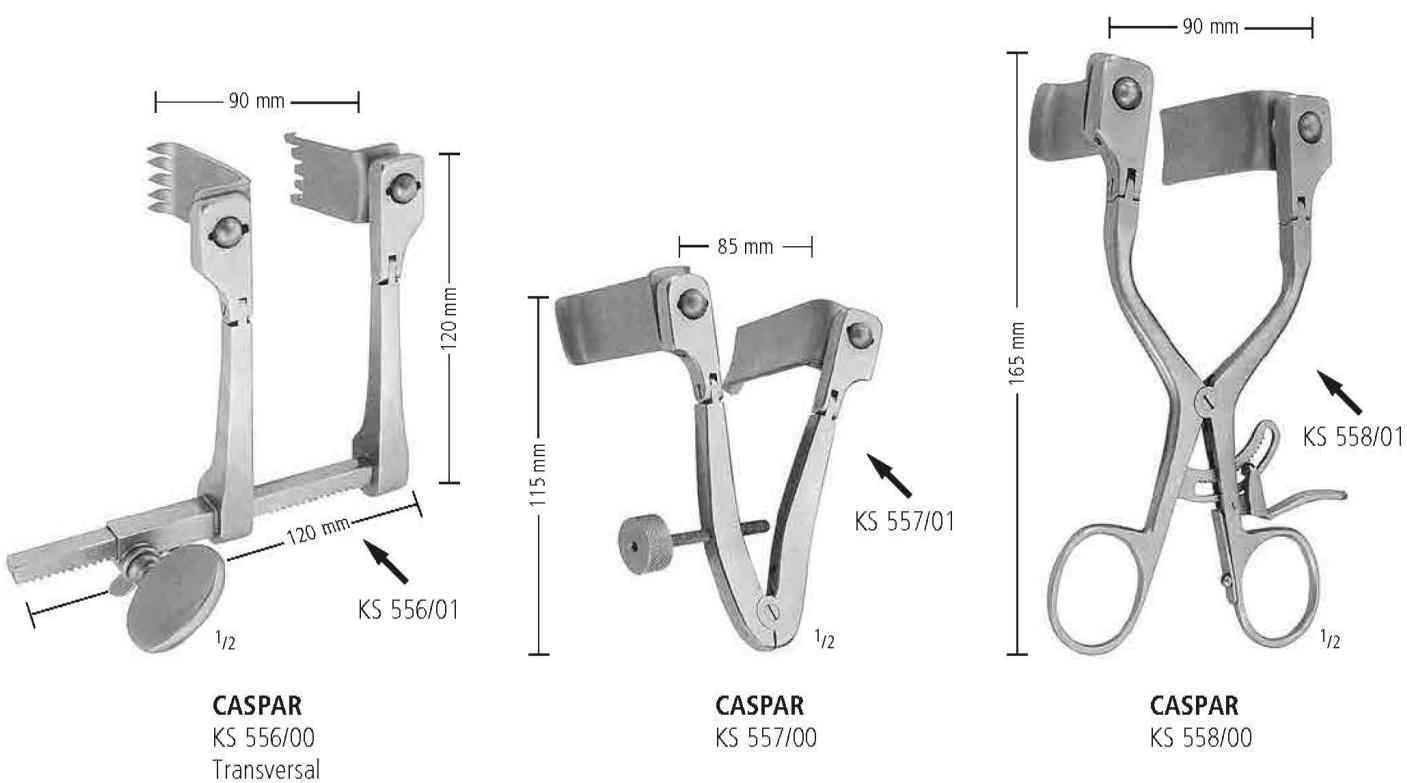
AO

AR

KA

KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

Wundspreizer Wirbelsäule
 Cervical Retractors
 Separadores vertebrales
 Ecarteurs cervicales
 Divaricatori vertebrali



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 cervicales
Divaricatori vertebrali

AA

AB

AC

AE

AK

AO

AR

KA

KS

XR

XT



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



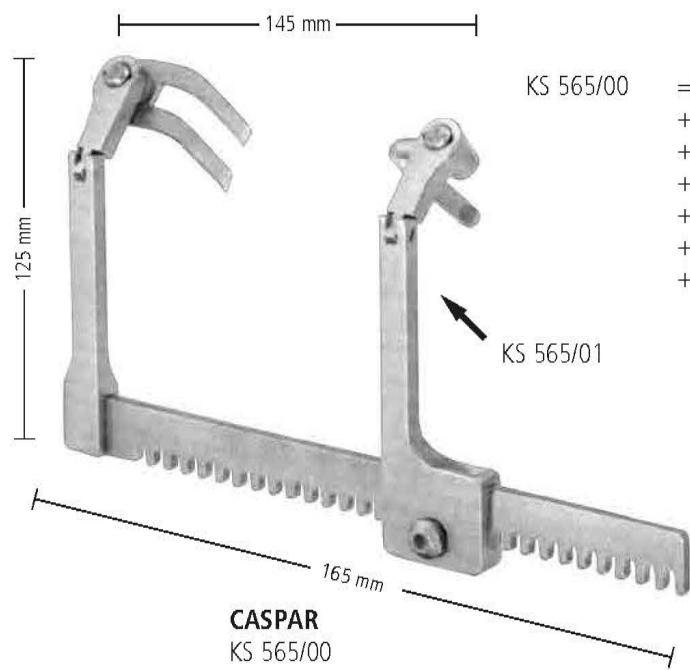
50 x 25 mm KS 559/50
60 x 25 mm KS 559/60



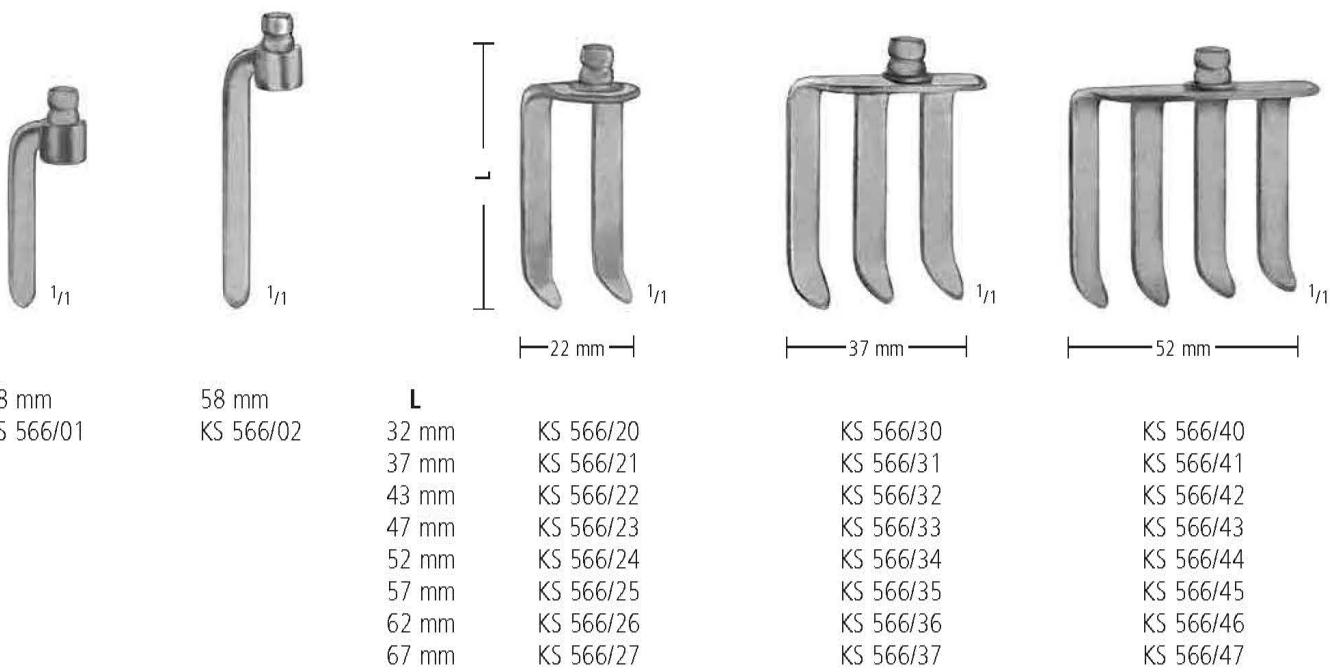
KS 564/00
11,5 cm/4½"

KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

Wundspreizer Wirbelsäule
 Cervical Retractors
 Separadores vertebrales
 Ecarteurs cervicales
 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



Wundspreizer
Retractors
Separadores
Ecarteurs
Divaricatori

AA

AB

AC

AE

AK

AO

KA

KS

XR

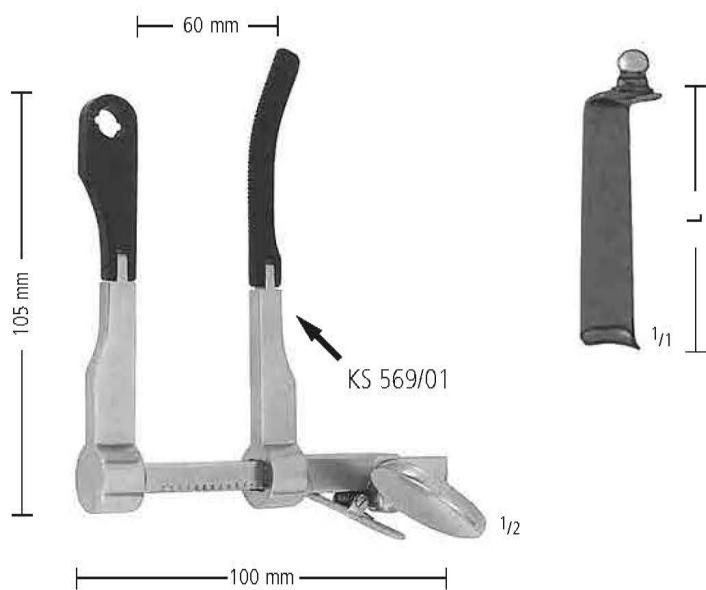
XT

Oberfläche geschwärzt
Surface black-finish



L	
40 mm	KS 568/40
45 mm	KS 568/45
50 mm	KS 568/50
55 mm	KS 568/55
60 mm	KS 568/60

CASPAR

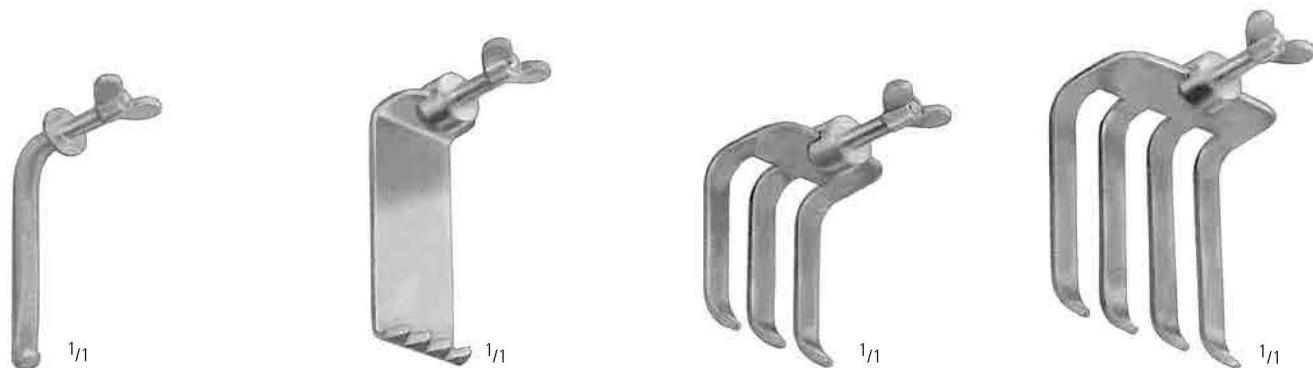
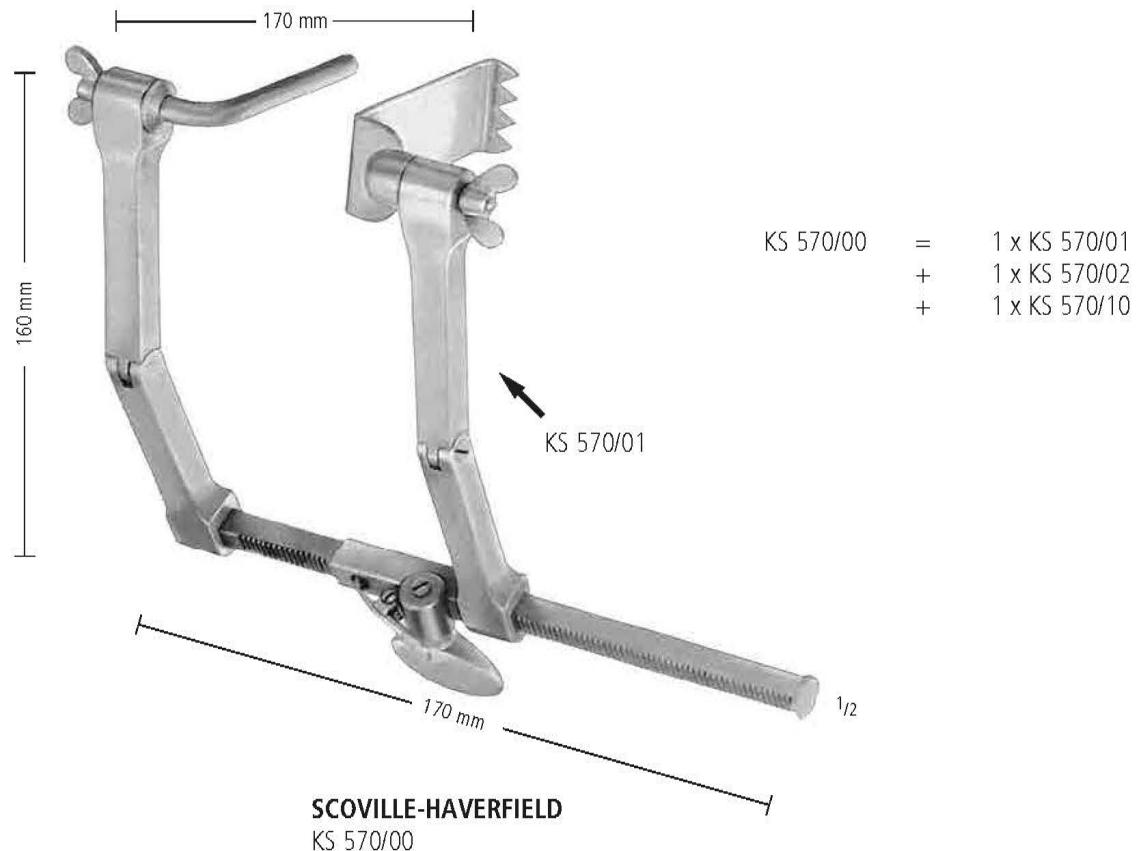


L	
35 mm	KS 569/35
40 mm	KS 569/40
45 mm	KS 569/45
50 mm	KS 569/50
55 mm	KS 569/55
60 mm	KS 569/60

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



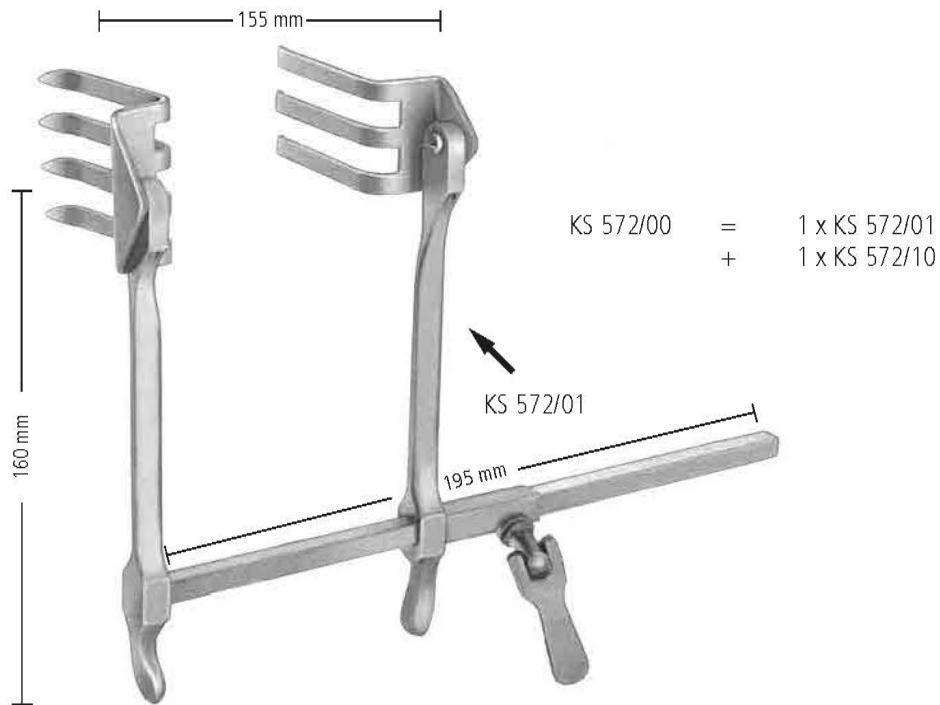
SCOVILLE
KS 570/02
5,5 cm/2"

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



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

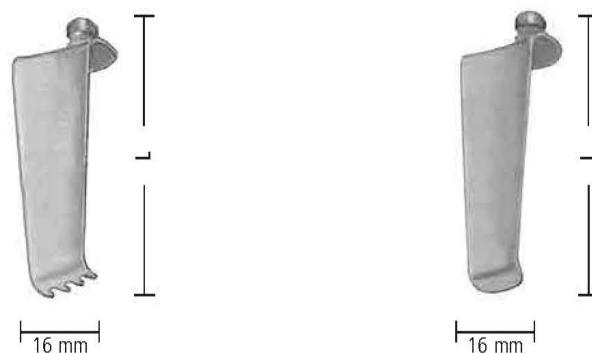
KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

Wundspreizer
Retractors
Separadores
Ecarteurs
Divaricatori

**CLOWARD modif.**

KS 580/00
25,0 cm/10"

1/2



L		L	
40 mm	KS 580/10	40 mm	KS 580/20
45 mm	KS 580/11	45 mm	KS 580/21
50 mm	KS 580/12	50 mm	KS 580/22
55 mm	KS 580/13	55 mm	KS 580/23
60 mm	KS 580/14	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

AA

AB

AC

AE

AK

AO

AR

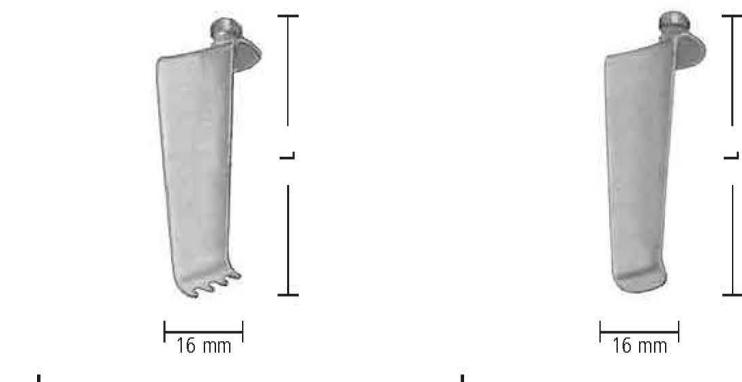
KS

XR

XT



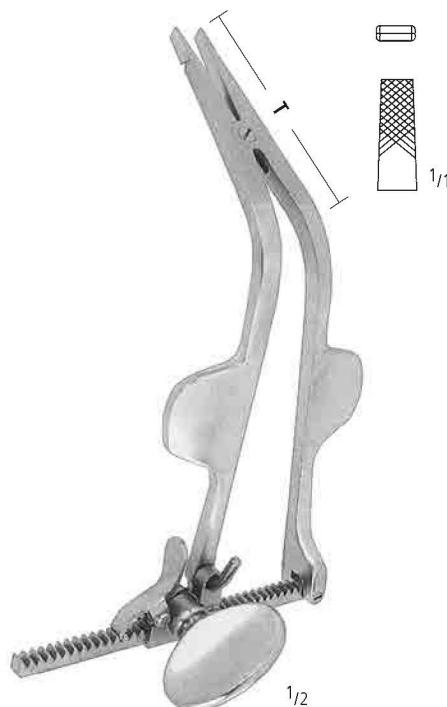
KS 582/00



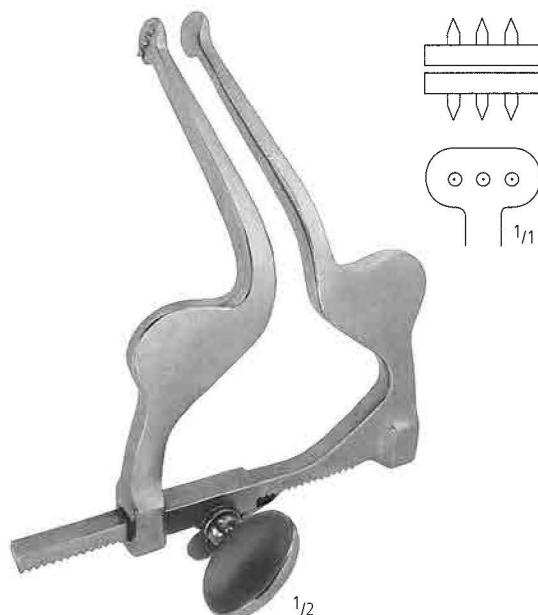
L	KS 580/10	L	KS 580/20
40 mm	KS 580/10	40 mm	KS 580/20
45 mm	KS 580/11	45 mm	KS 580/21
50 mm	KS 580/12	50 mm	KS 580/22
55 mm	KS 580/13	55 mm	KS 580/23
60 mm	KS 580/14	60 mm	KS 580/24

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

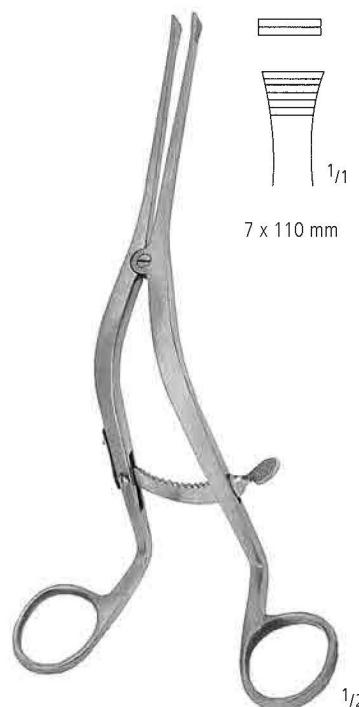
Wirbelkörperspreizer
Lamina Spreaders
Separadores para cuerpos vertebrales
Ecarteurs pour corps vertébraux
Separatori per vertebre



CLOWARD
KS 587/08
T = 70 mm



CLOWARD
KS 588/09
9,0 cm/3 3/4"



CLOWARD
KS 588/11
11,0 cm/4 1/4"

Wirbelkörperspreizer

Lamina Spreaders

Separadores para cuerpos vertebrales

Ecarteurs pour corps vertébraux

Separatori per vertebre

AA

AB

AC

AE

AK

AO

AR

KA

KS

XR

XT



HARMS

KS 590/01

18,0 cm/7"

HARMS

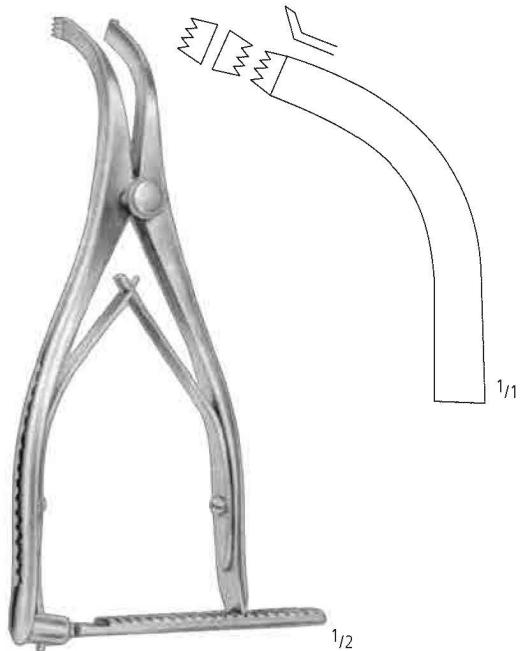
KS 590/02

18,0 cm/7"

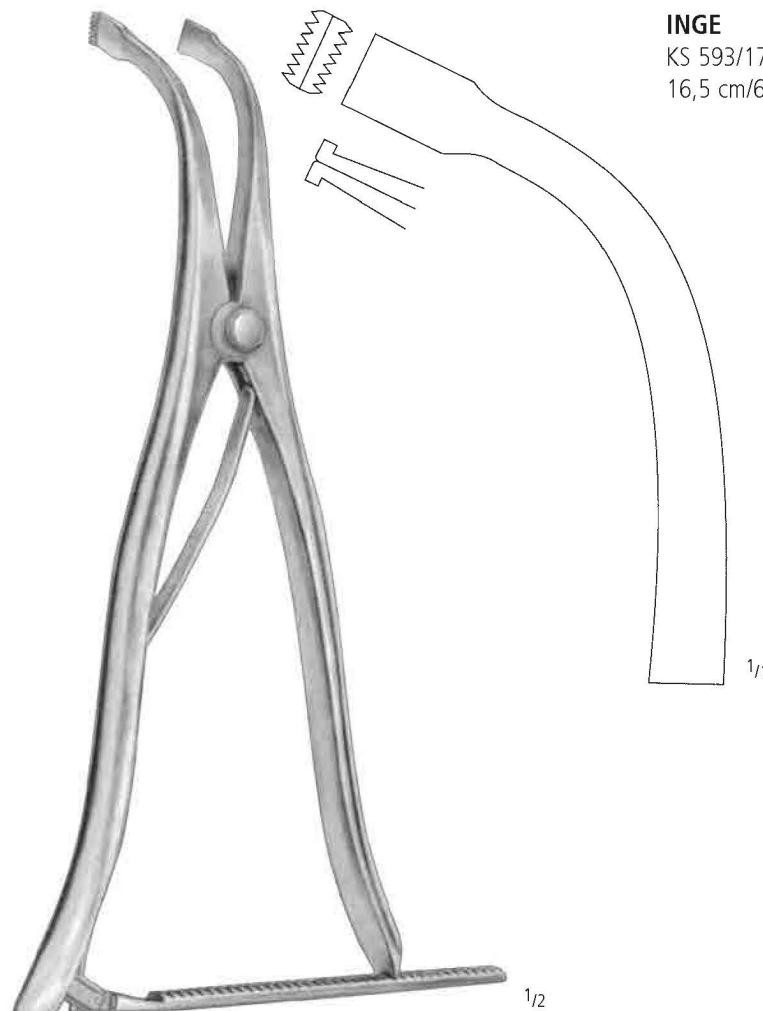
Wirbelkörperspreizer
Lamina Spreaders
Separadores para cuerpos vertebrales
Ecarteurs pour corps vertébraux
Separatori per vertebre



CLOWARD
KS 592/16
16,0 cm/6½"



INGE
KS 593/17
16,5 cm/6½"



INGE
KS 594/27
27,0 cm/10¾"

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

AA

AB

AC

AE

AK

AO

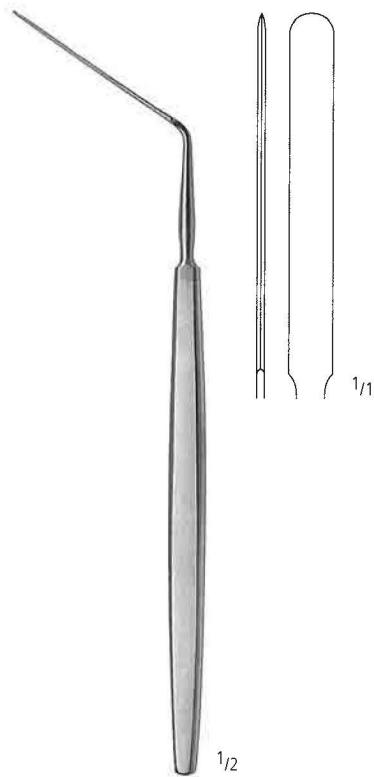
AR

KS

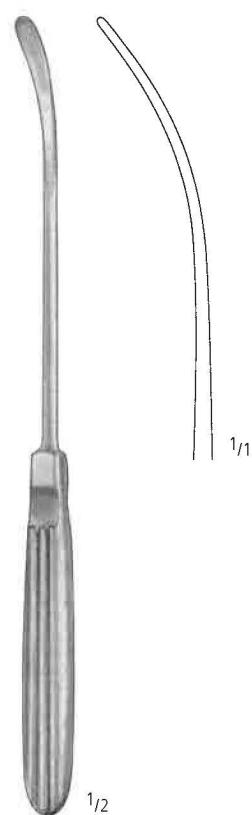
KA

XR

XT



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



SACHS
KS 608/21
21,0 cm/8½"



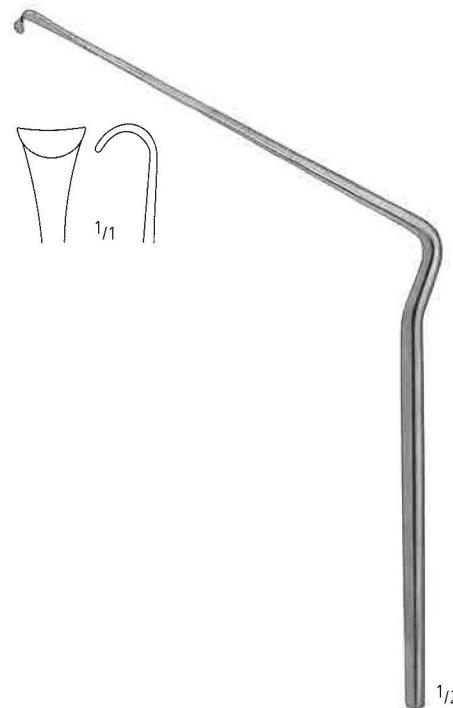
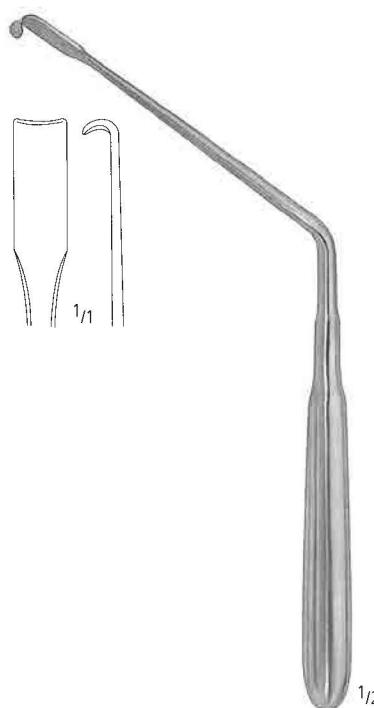
SCOVILLE
KS 609/23
23,0 cm/9¼"

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



Tip	L	L'
3 mm	7,0 cm/3"	10,0 cm/4"
5 mm	KS 610/11	KS 610/21
7 mm	KS 610/12	KS 610/22
	KS 610/13	KS 610/23

LOVE
45° 90°
KS 610/01 KS 610/02 KS 610/03
19,0 cm/7½" 19,0 cm/7½" 19,0 cm/7½"



KS 611/20
20,0 cm/8"

MARTIN
KS 612/21
21,0 cm/8¼"

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

AA

AB

AC

AE

AK

AO

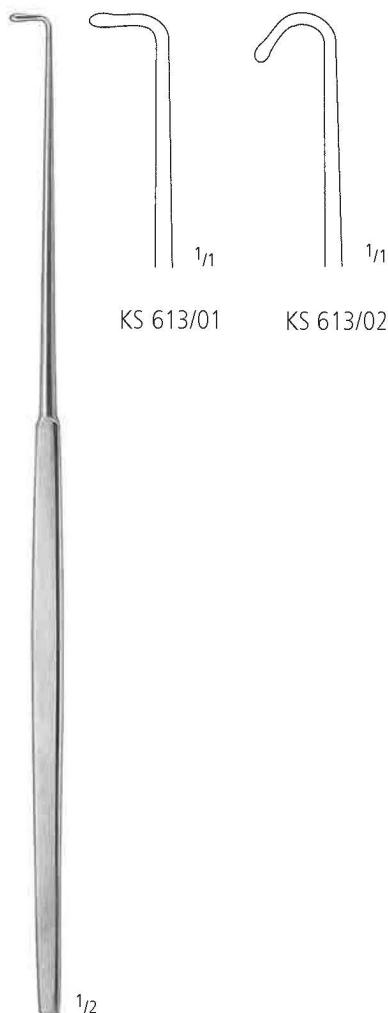
AR

KA

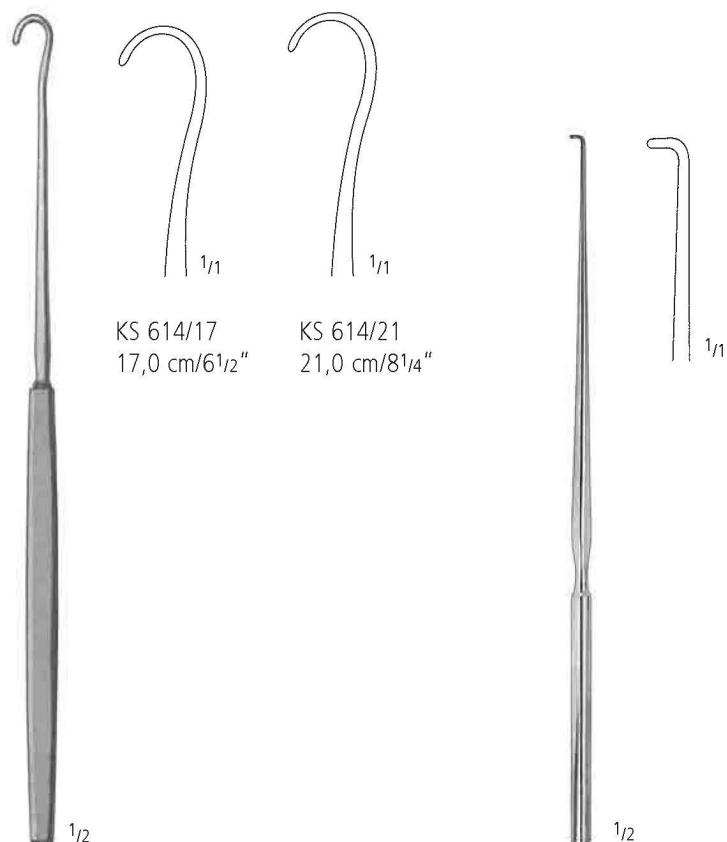
KS

XR

XT



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

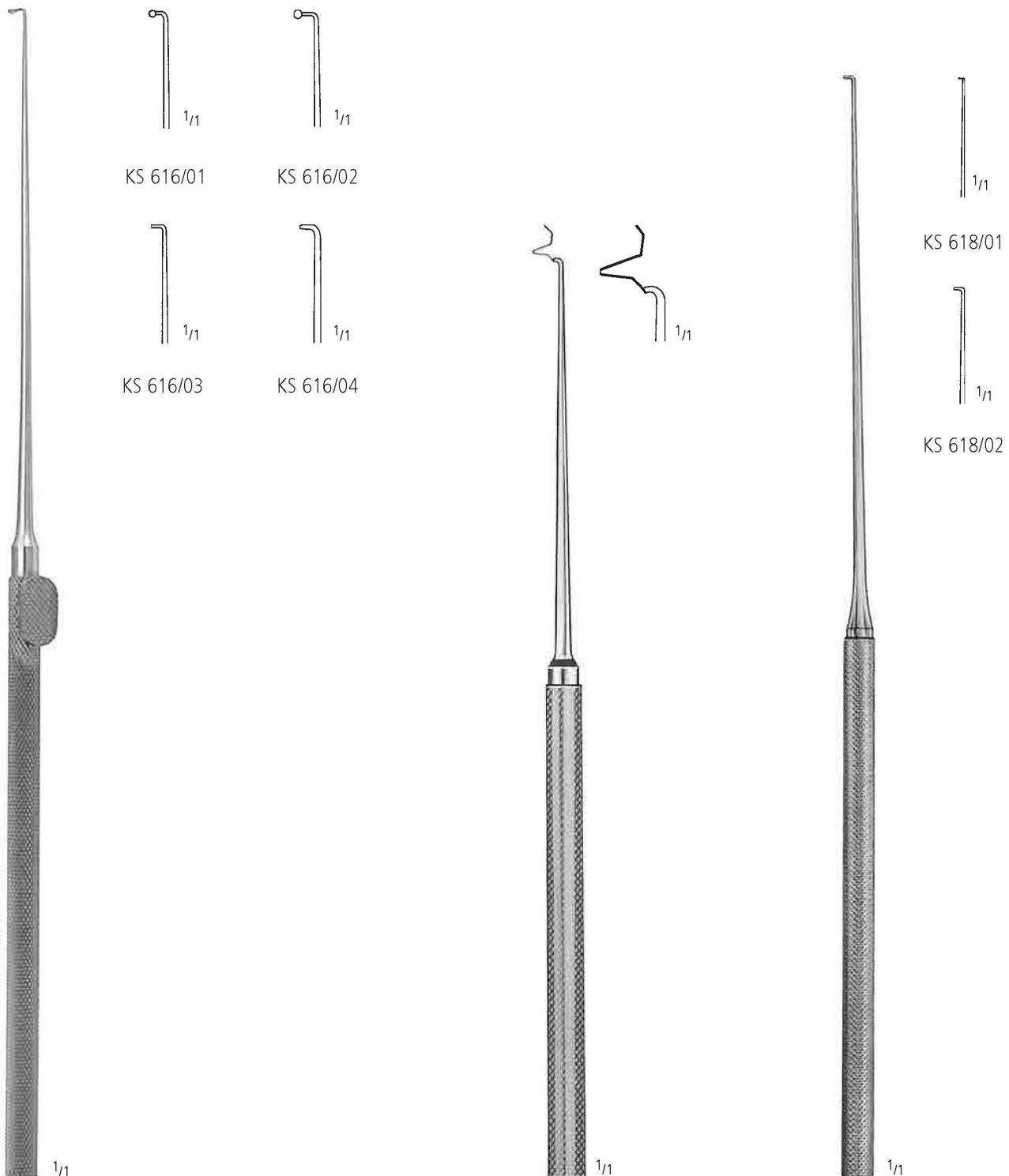


SMITHWICK

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

KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

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

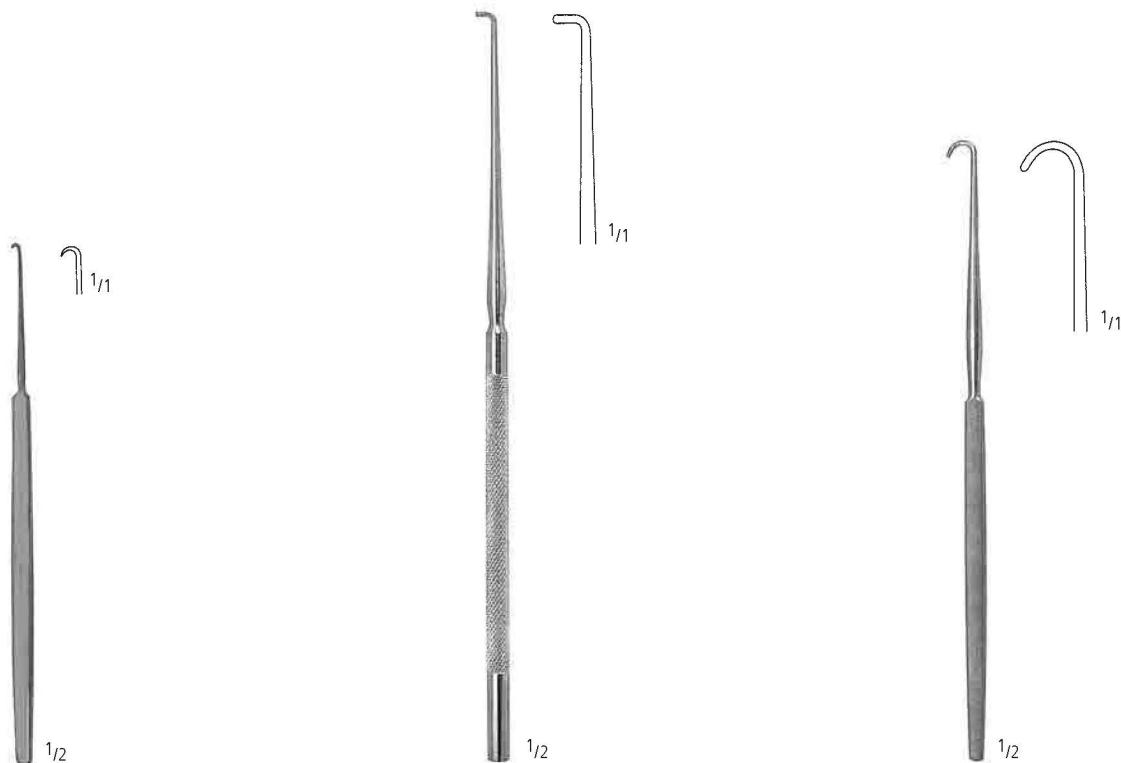
**KRAYENBÜHL**

18,5 cm/7 1/4"

BIEMERKS 617/16
16,0 cm/6 1/4"**FISCH**

18,5 cm/7 1/4"

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



CUSHING
KS 620/14
14,0 cm/5½"

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

GRAHAM
KS 622/16
16,5 cm/6½"

KS

KA

AO

AR

AA

AB

AC

AE

AK

AO

AR

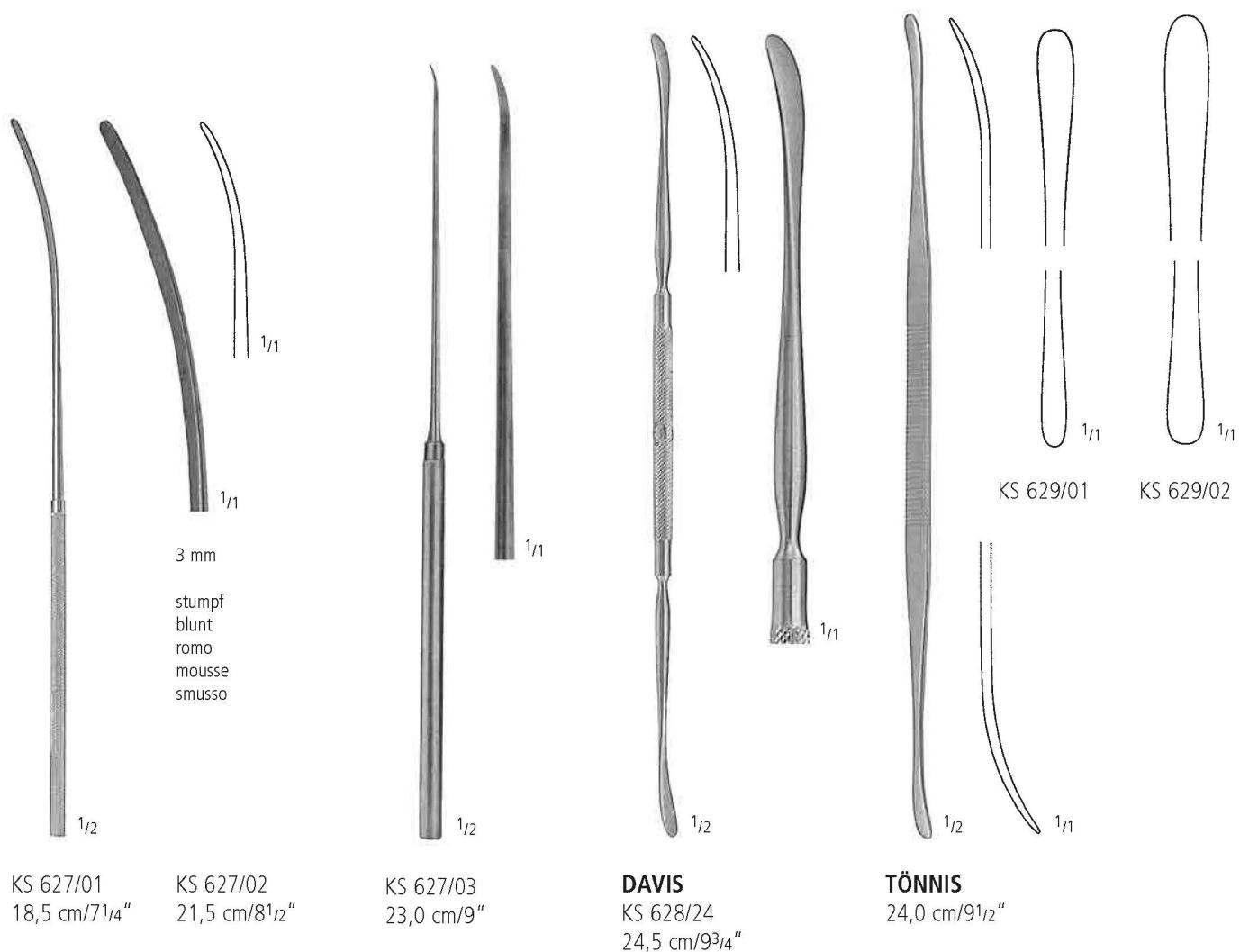
KA

XT

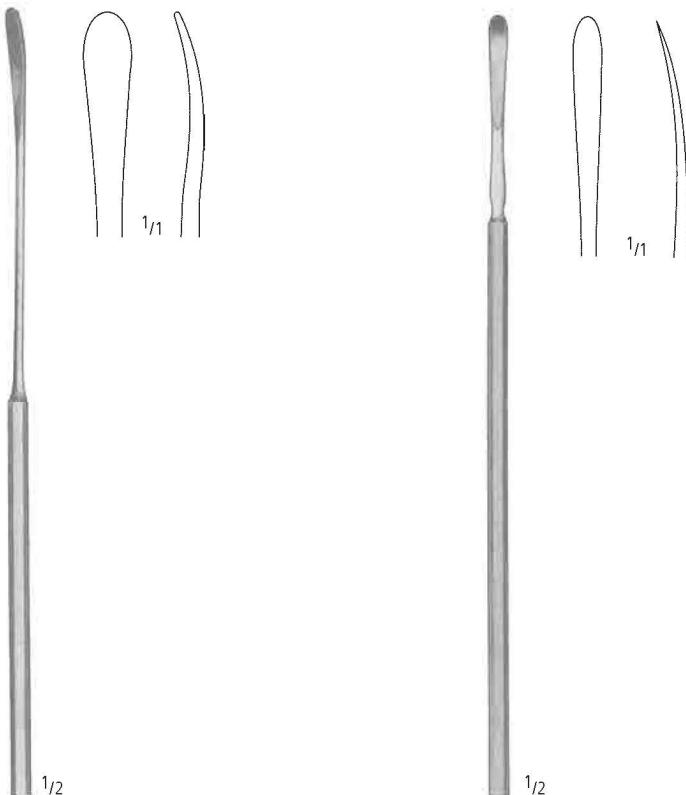
XR

KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

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

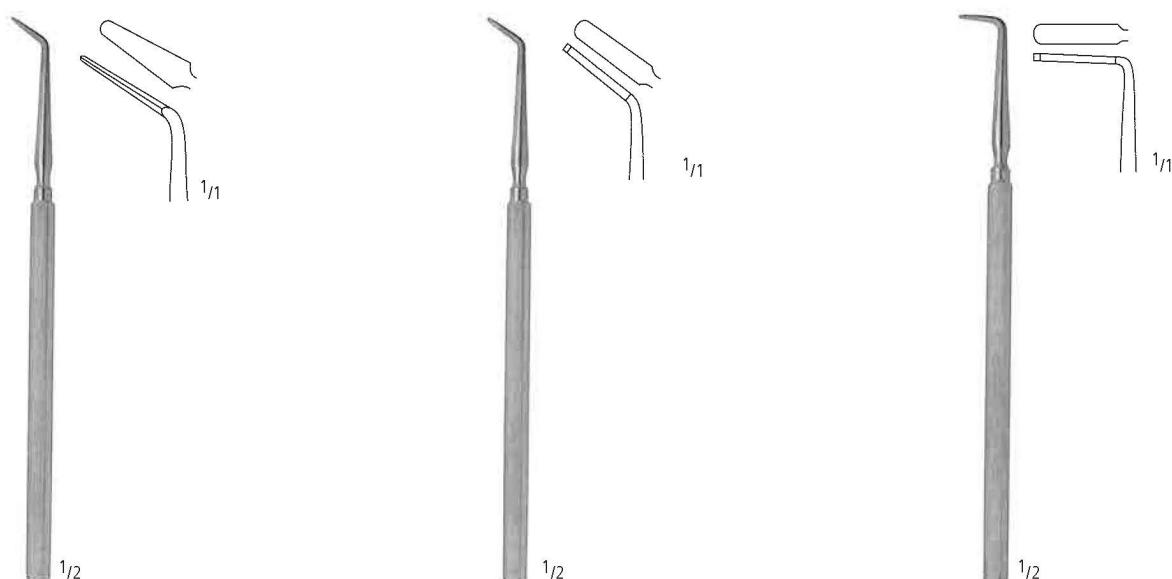


Dura Dissektoren
 Dura Dissectors
 Dissecadores para dura-madre
 Dissecteurs à dure-mère
 Dissetori per dura-madre



SACHS
 KS 631/21
 21,0 cm/8 $\frac{1}{4}$ "

SACHS
 KS 632/21
 21,0 cm/8 $\frac{1}{4}$ "



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

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

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

KS

XR

XT

AA

AB

AC

AE

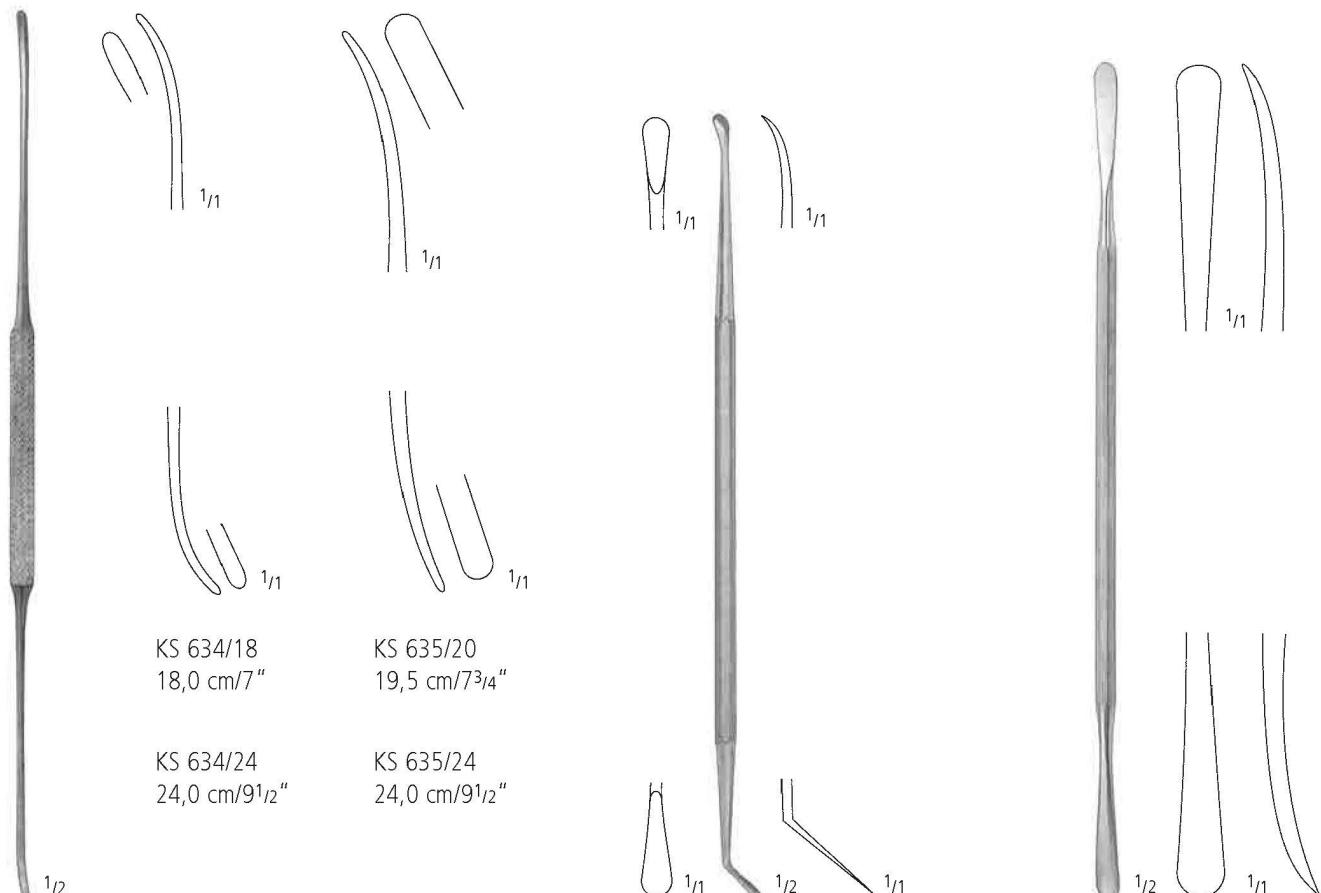
AK

AO

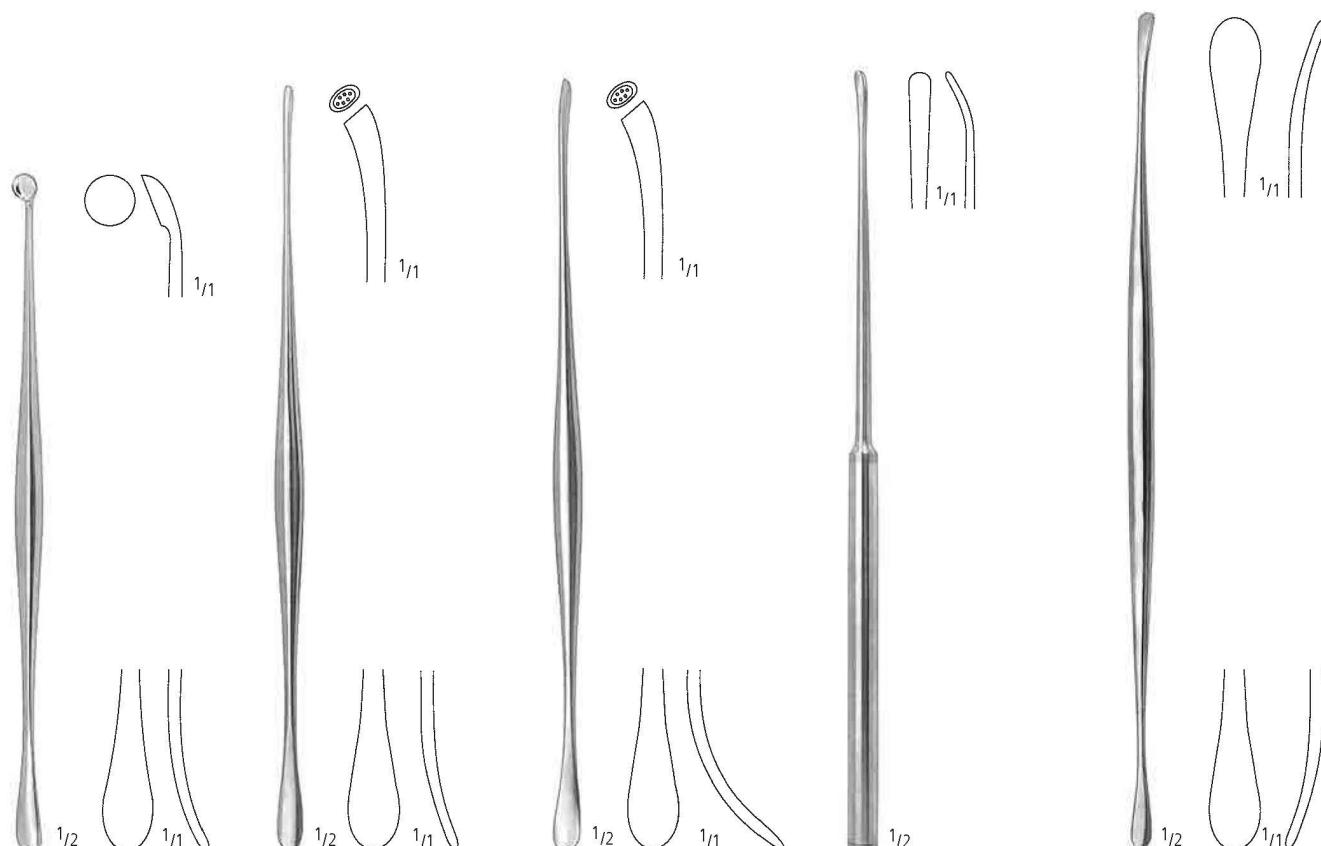
AR

KA

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



Dura Dissektoren
 Dura Dissectors
 Dissecadores 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/7^{3/4}"

PENFIELD
 KS 638/03
 19,5 cm/7^{3/4}"

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

PENFIELD
 KS 638/05
 29,0 cm/11^{1/2}"

Mikro-Instrumente

Micro Instruments

Instrumentos para microcirugía

Instruments pour la chirurgie micro

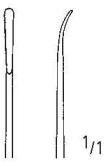
Strumenti per chirurgia micro



KS 640/01



KS 640/03



KS 640/04

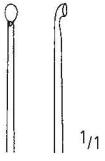
1/1



KS 640/02



KS 640/05

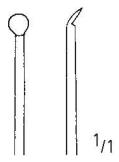


KS 640/06

1/1



KS 640/07



1/1 23,0 cm/9"

1/1 23,0 cm/9"

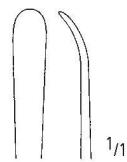
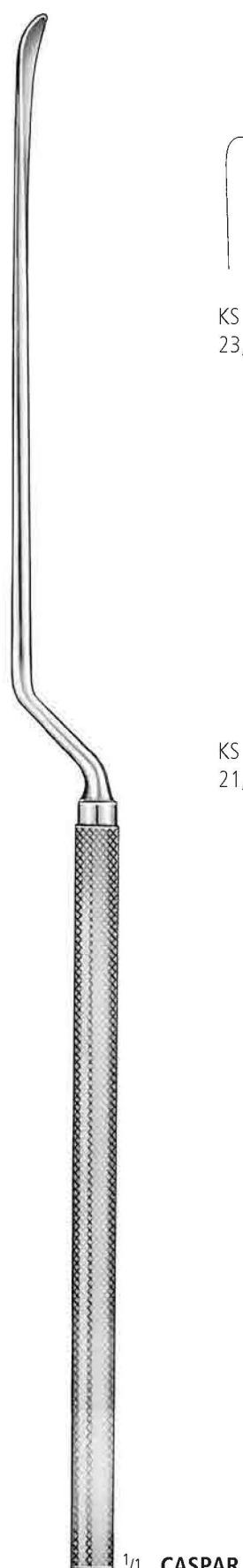
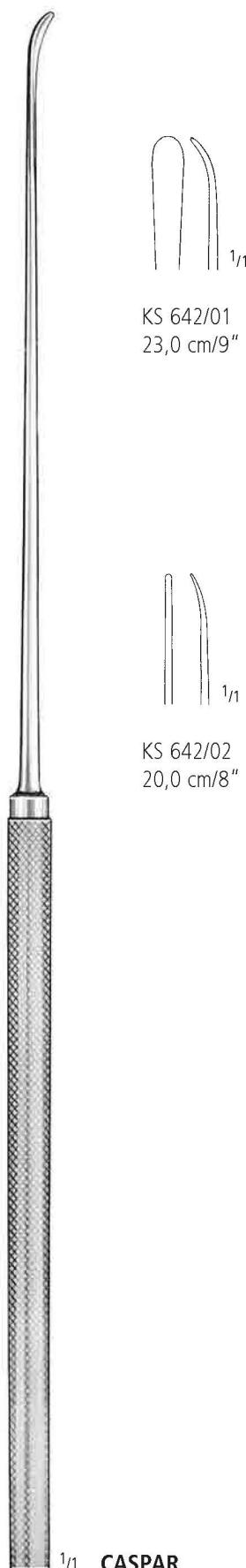
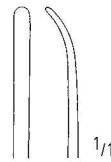
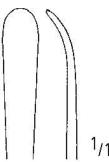
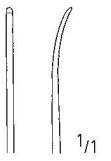
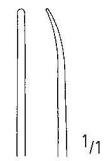
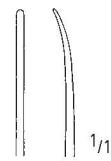
Mikro-Instrumente

Micro Instruments

Instrumentos para microcirugía

Instruments pour la chirurgie micro

Strumenti per chirurgia micro

KS 642/03
23,0 cm/9"KS 642/04
23,0 cm/9"KS 642/01
23,0 cm/9"KS 642/05
21,0 cm/8 1/4"KS 642/02
20,0 cm/8"KS 642/06
21,0 cm/8 1/4"

AA

AB

AC

AE

AK

AR

KS

KA

XR

XT

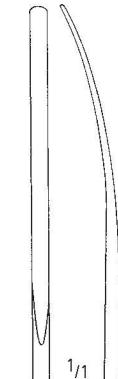
Mikro-Instrumente

Micro Instruments

Instrumentos para microcirugía

Instruments pour la chirurgie micro

Strumenti per chirurgia micro

KS 643/19
18,5 cm/7 1/4"KS 643/22
21,5 cm/8 1/2"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"

1/1

1/1 CASPAR

Mikro-Instrumente

Micro Instruments

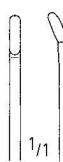
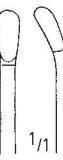
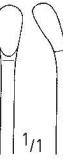
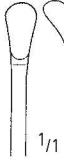
Instrumentos para microcirugía

Instruments pour la chirurgie micro

Strumenti per chirurgia micro



1/1 SAMII

20,0 cm/8" KS 647/01
23,0 cm/9 1/4" KS 648/01KS 647/02
KS 648/02KS 647/03
KS 648/03KS 647/04
KS 648/0420,0 cm/8" KS 647/05
23,0 cm/9 1/4" KS 648/05KS 647/06
KS 648/06KS 647/07
KS 648/07KS 647/08
KS 648/08**KS**

XR

XT

AR

KA

AE

AC

AB

AA

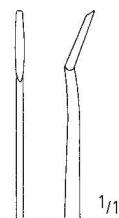
Mikro-Instrumente

Micro Instruments

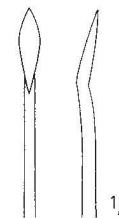
Instrumentos para microcirugía

Instruments pour la chirurgie micro

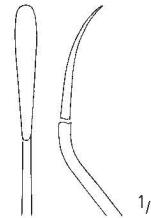
Strumenti per chirurgia micro



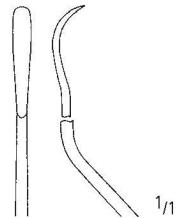
KS 650/01



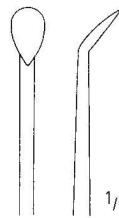
KS 650/02



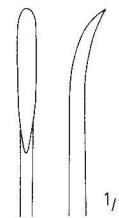
KS 650/06



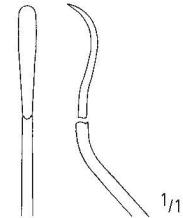
KS 650/07



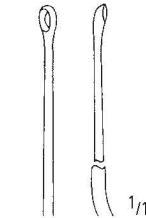
KS 650/03



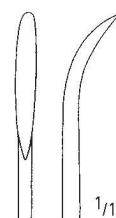
KS 650/04



KS 650/08



KS 650/09



KS 650/05

18,5 cm/7 1/4"

18,5 cm/7 1/4"

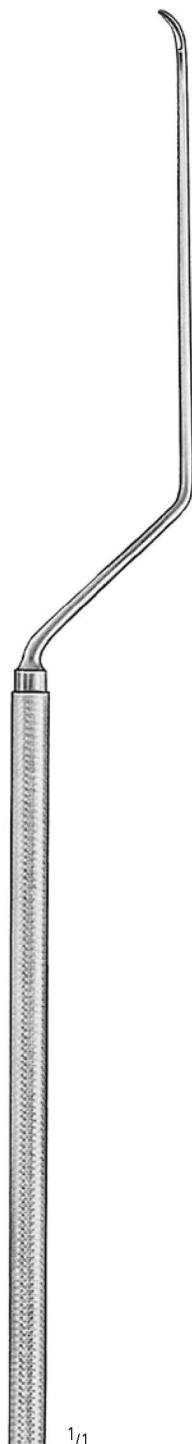
Mikro-Instrumente

Micro Instruments

Instrumentos para microcirugía

Instruments pour la chirurgie micro

Strumenti per chirurgia micro



KS 652/01



KS 652/02



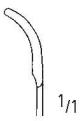
KS 652/03



KS 652/04



KS 652/05



KS 652/06

KOOS

19,0 cm/7½"

KS

XR

XT

AA

AB

AC

AE

AO

AR

KA

145

Mikro-Instrumente

Micro Instruments

Instrumentos para microcirugía

Instruments pour la chirurgie micro

Strumenti per chirurgia micro

**KRAUS**

KS 653/19

19,0 cm/7½"

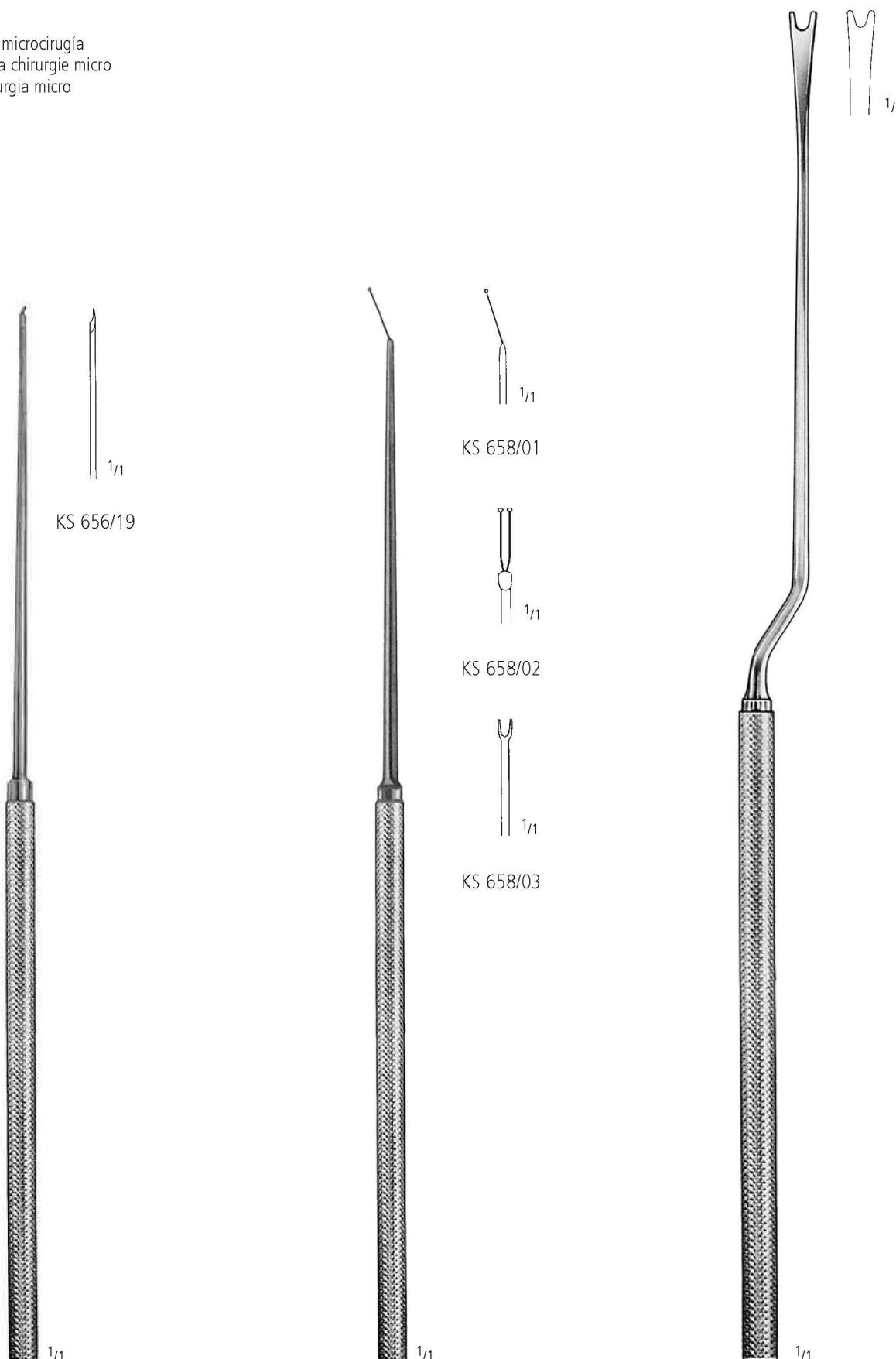
KS 654/01

19,0 cm/7½"

KS 654/02

19,0 cm/7½"

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



JACOBSON
19,0 cm/7½"

JACOBSON
18,5 cm/7¼"

CASPAR
KS 659/23
23,0 cm/9"

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

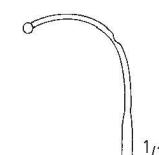
8 mm



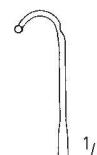
KS 660/08



KS 665/01



KS 665/02



KS 665/03



KS 665/04

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

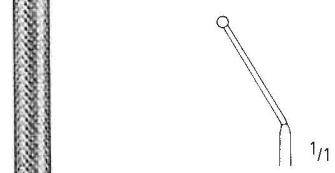
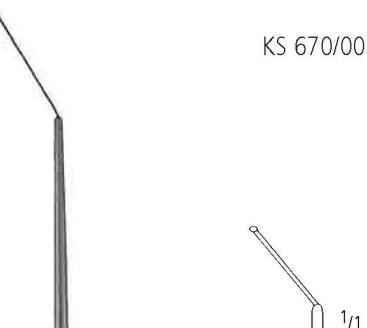
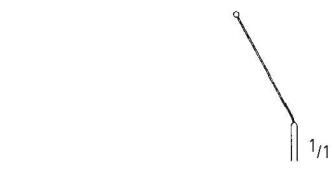
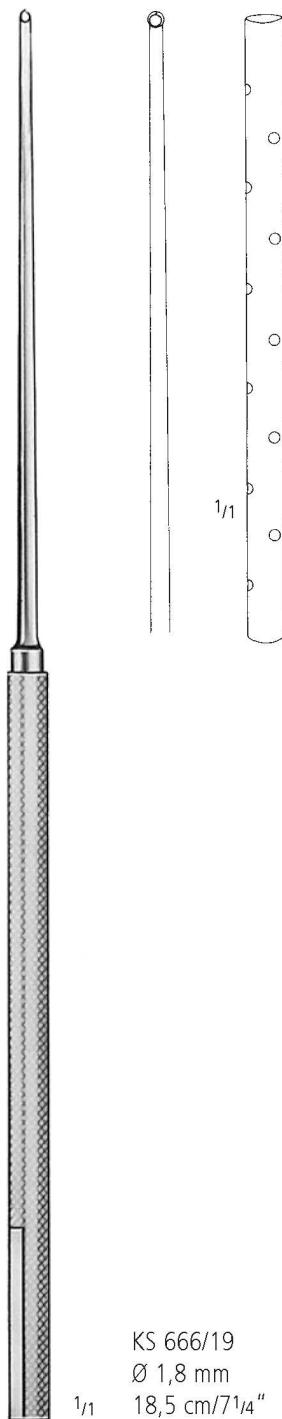
Mikro-Instrumente

Micro Instruments

Instrumentos para microcirugía

Instruments pour la chirurgie micro

Strumenti per chirurgia micro



1/1 12,5 cm/5"

AA

AB

AC

AE

AK

AO

AR

KA

KS

XR

XT

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



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

Rhoton Mikro Dissektoren
Rhoton Micro Dissectors
Rhoton micro discadadores
Rhoton micro dissecteurs
Rhoton micro dissetori



KS 680/10



KS 680/11



KS 680/12



KS 680/13



KS 680/14



KS 680/15

KS

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

Set komplett, 15 Dissektoren
Set complete, 15 dissectors
Set completo, 15 discadadores
Jeu complet, 15 dissecteurs
Set completo, 15 dissetori

RHOTON

AA

AB

AC

AE

AK

AO

AR

KA

XR

XT

KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

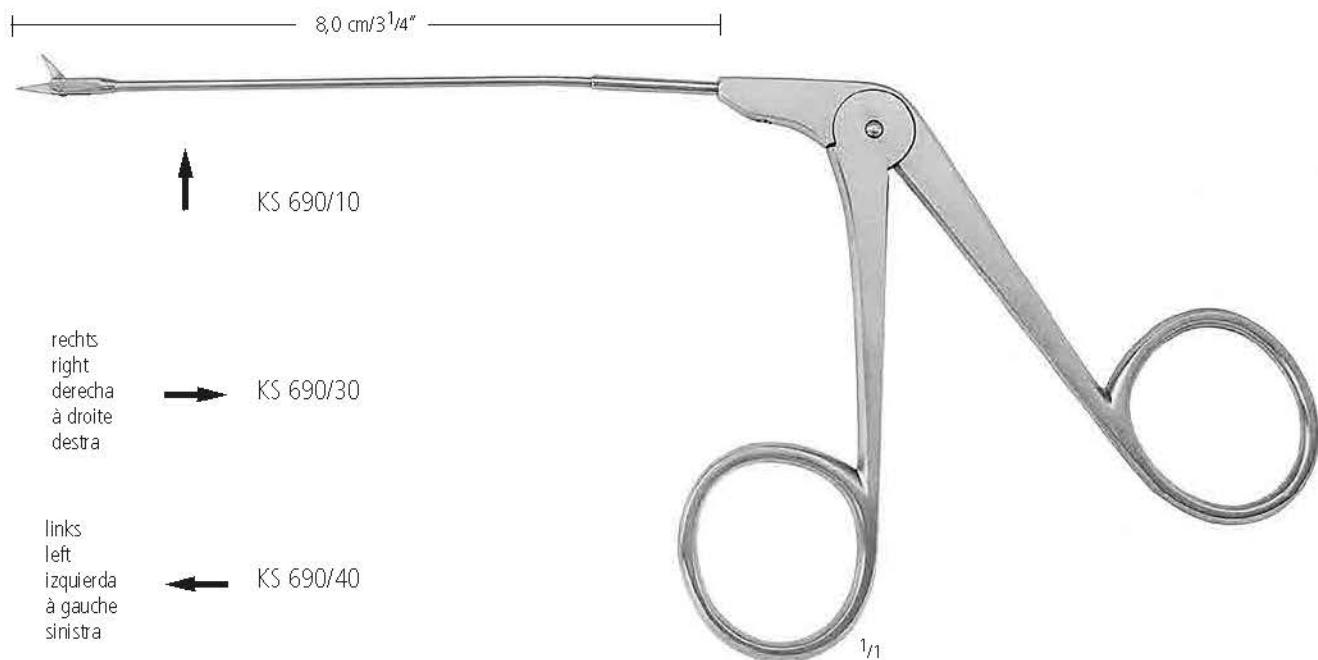
Mikro-Instrumente

Micro Instruments

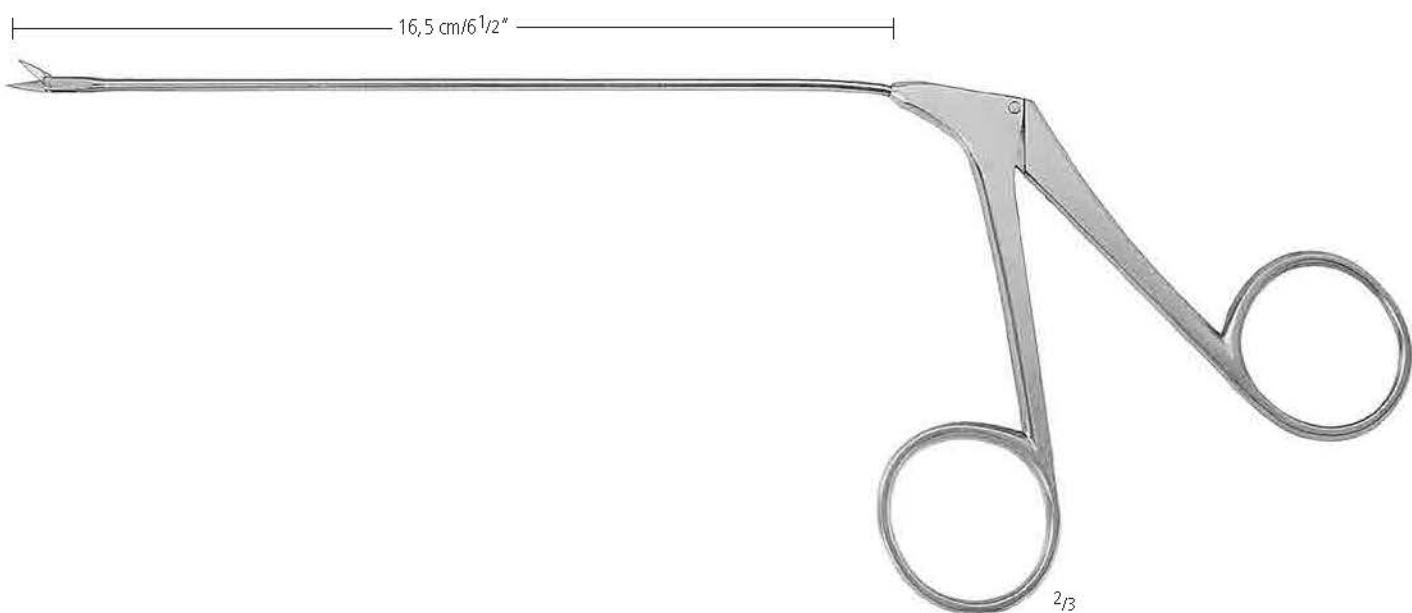
Instrumentos para microcirugía

Instruments pour la chirurgie micro

Strumenti per la chirurgia micro



BELLUCCI

FAHLBUSCH
KS 693/17

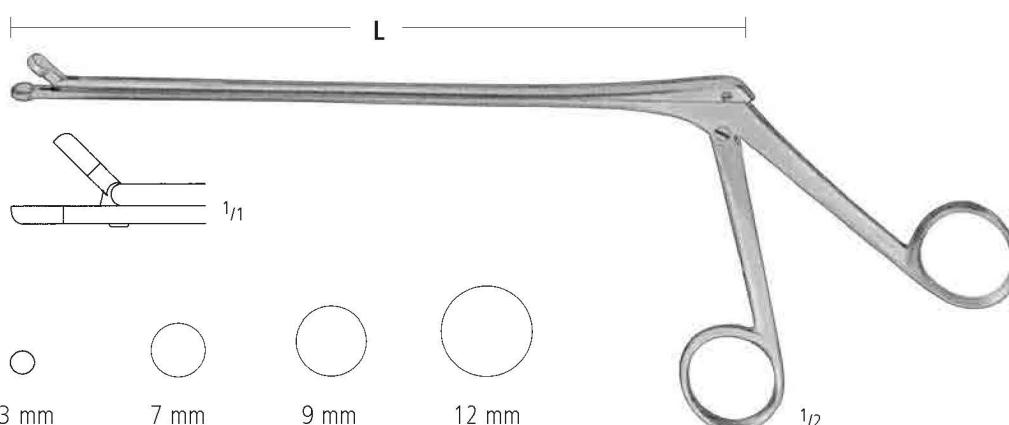
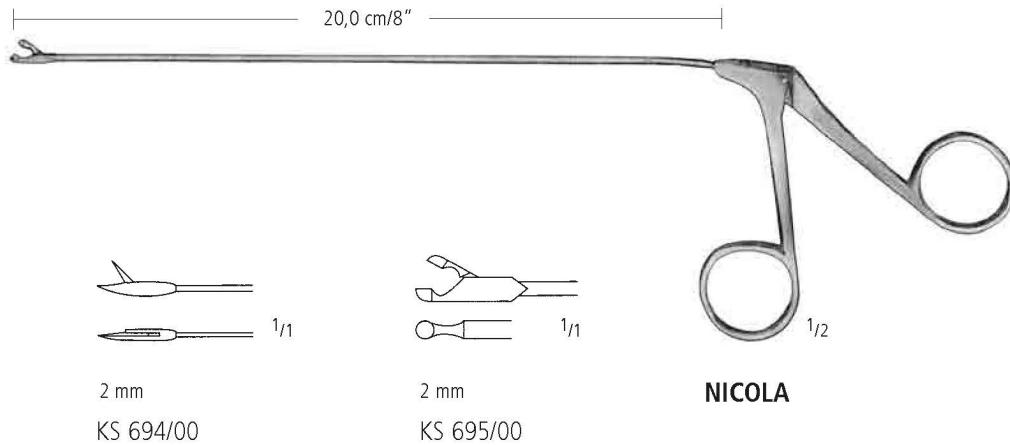
Mikro-Instrumente

Micro Instruments

Instrumentos para microcirugía

Instruments pour la chirurgie micro

Strumenti per la chirurgia micro



\varnothing 3 mm KS 696/03
 \varnothing 7 mm KS 696/07
 \varnothing 9 mm KS 696/09
 \varnothing 12 mm KS 696/12

L = 14,0 cm/5½"
 KS 697/03
 KS 697/07
 KS 697/09
 KS 697/12

KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

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

AA

AB

AC

AE

AK

AO

AR

KA

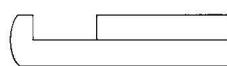
KS

XR

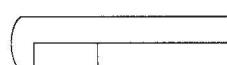
XT

easyClean®

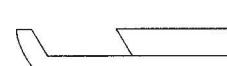
ZERLEGBAR
DETACHABLE
DESMONTABLE
DEMONTABLE
SMONTABILE



	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

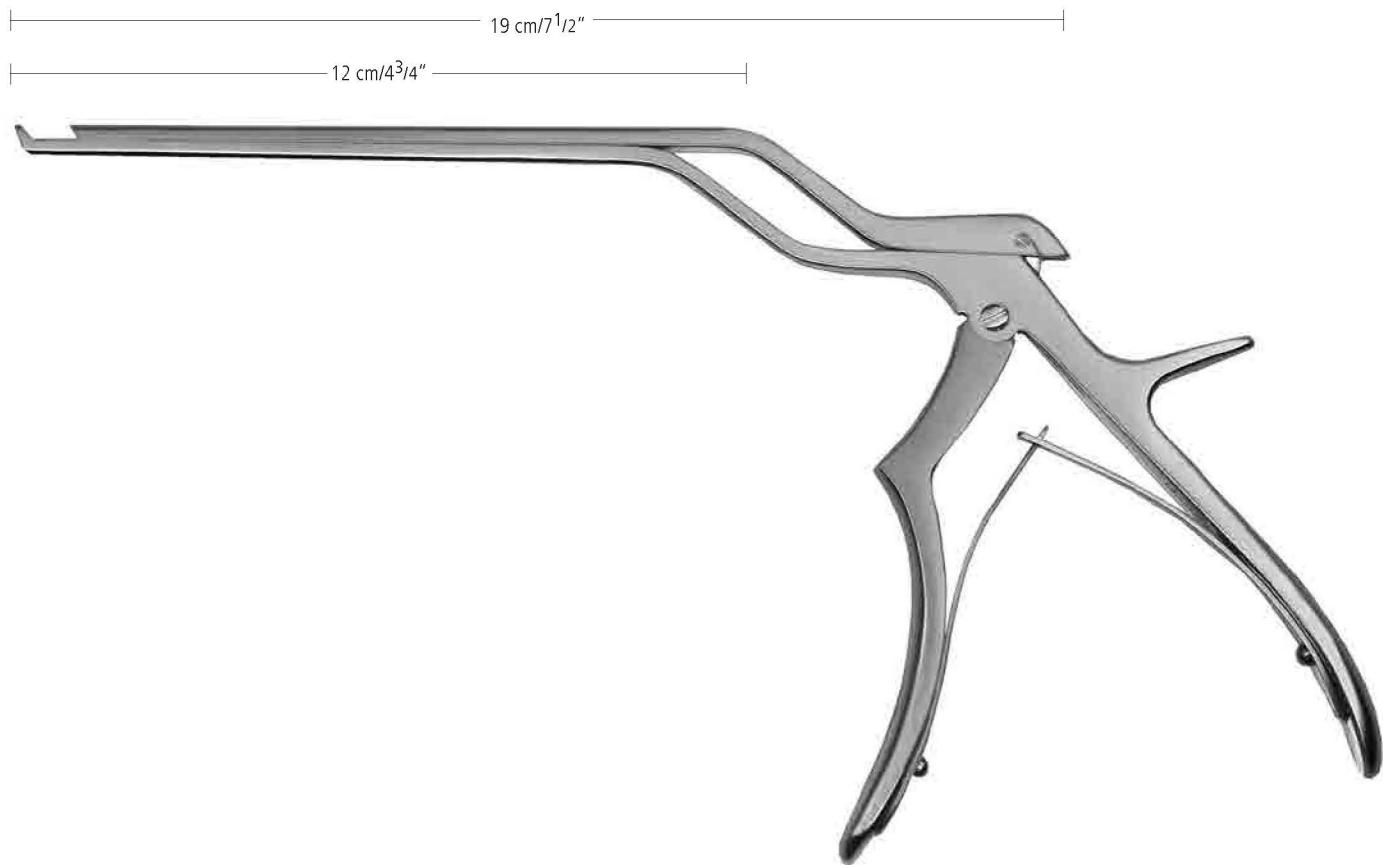


	18,0 cm/7"	20,0 cm/8"
2 mm	KS 707/12	KS 708/12
3 mm	KS 707/13	KS 708/13
4 mm	KS 707/14	KS 708/14
5 mm	KS 707/15	KS 708/15



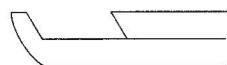
	18,0 cm/7"	20,0 cm/8"
1 mm	KS 713/11	KS 714/11
2 mm	KS 713/12	KS 714/12
3 mm	KS 713/13	KS 714/13
4 mm	KS 713/14	KS 714/14
5 mm	KS 713/15	KS 714/15

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



KERRISON-BAJONETT

12,0 cm/4 3/4"



2 mm	KS 715/12
3 mm	KS 715/13
4 mm	KS 715/14
5 mm	KS 715/15

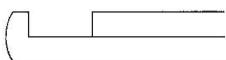
Laminektomie-Stanzen
Laminectomy Punches
Pinzas cortantes para discos intervertebrales
Pince emporte-pièces pour lames intervertébrales
Pinze taglienti per dischi intervertebrali



großer Griff
large handle
mango grande
branche grande
impugnatura grande

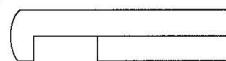
KERRISON-COLCLOUGH

Also available in
TITANIUM

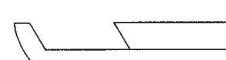


	15,0 cm/6"	18,0 cm/7"	20,0 cm/8"	30,0 cm/12"
2 mm	KS 720/02	KS 721/02	KS 722/02	KS 725/02
3 mm	KS 720/03	KS 721/03	KS 722/03	KS 725/03
4 mm	KS 720/04	KS 721/04	KS 722/04	KS 725/04
5 mm	KS 720/05	KS 721/05	KS 722/05	KS 725/05

Also available in
TITANIUM



	15,0 cm/6"	18,0 cm/7"	20,0 cm/8"	30,0 cm/12"
2 mm	KS 726/02	KS 727/02	KS 728/02	KS 731/02
3 mm	KS 726/03	KS 727/03	KS 728/03	KS 731/03
4 mm	KS 726/04	KS 727/04	KS 728/04	KS 731/04
5 mm	KS 726/05	KS 727/05	KS 728/05	KS 731/05



	15,0 cm/6"	18,0 cm/7"	20,0 cm/8"	30,0 cm/12"
2 mm	KS 732/02	KS 733/02	KS 734/02	KS 737/02
3 mm	KS 732/03	KS 733/03	KS 734/03	KS 737/03
4 mm	KS 732/04	KS 733/04	KS 734/04	KS 737/04
5 mm	KS 732/05	KS 733/05	KS 734/05	KS 737/05

AA

AB

AC

AE

AK

AO

AR

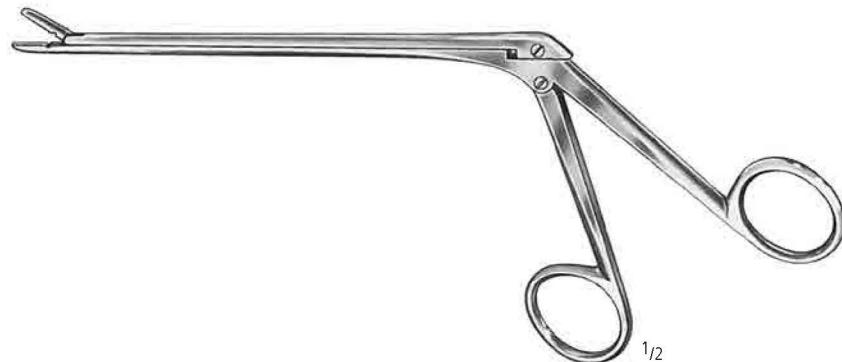
KA

KS

XR

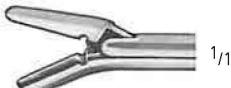
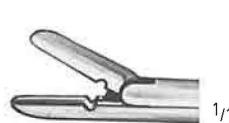
XT

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



Also available in
TITANIUM

CUSHING
LOVE-GREUENWALD
SPURLING



CUSHING
 2 x 10 mm



13,0 cm/5"	KS 742/00
15,0 cm/6"	KS 742/04
18,0 cm/7"	KS 742/08
20,0 cm/8"	KS 742/12
25,0 cm/10"	KS 742/16
30,0 cm/12"	KS 742/20

KS 742/01	KS 742/05
KS 742/09	KS 742/11
KS 742/13	KS 742/15
KS 742/17	KS 742/19
KS 742/21	KS 742/23

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

LOVE-GREUENWALD
 3 x 10 mm



13,0 cm/5"	KS 743/00
15,0 cm/6"	KS 743/04
18,0 cm/7"	KS 743/08
20,0 cm/8"	KS 743/12
25,0 cm/10"	KS 743/16
30,0 cm/12"	KS 743/20

KS 743/01	KS 743/05
KS 743/09	KS 743/11
KS 743/13	KS 743/15
KS 743/17	KS 743/19
KS 743/21	KS 743/23

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

SPURLING
 4 x 10 mm



13,0 cm/5"	KS 744/00
15,0 cm/6"	KS 744/04
18,0 cm/7"	KS 744/08
20,0 cm/8"	KS 744/12
25,0 cm/10"	KS 744/16
30,0 cm/12"	KS 744/20

KS 744/01	KS 744/05
KS 744/09	KS 744/11
KS 744/13	KS 744/15
KS 744/17	KS 744/19
KS 744/21	KS 744/23

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

NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

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

AA

AB

AC

AE

AK

AO

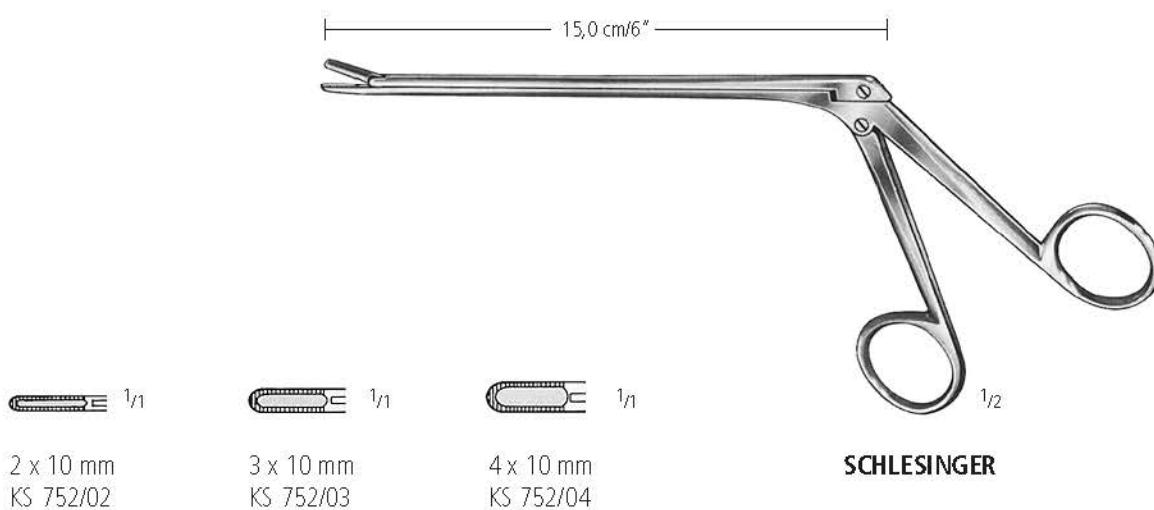
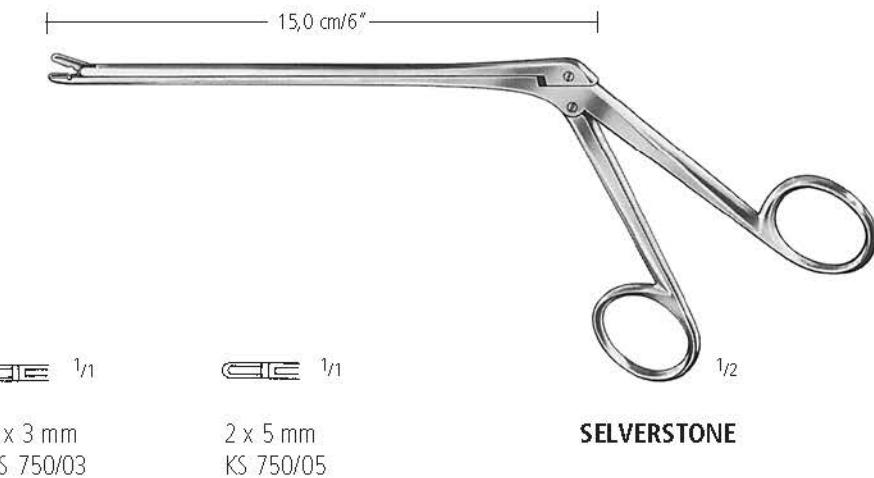
AR

KA

KS

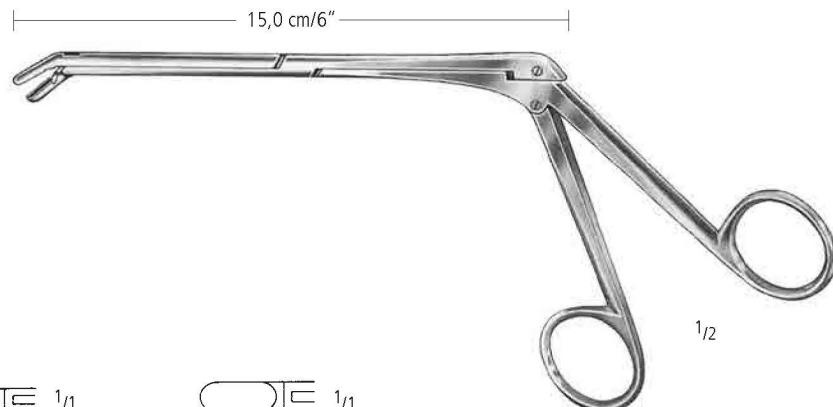
XR

XT



KS NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

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

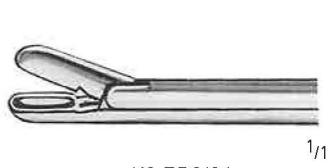


1/1 1/1 1/1
2 x 10 mm 3 x 10 mm 4 x 10 mm
KS 754/02 KS 754/03 KS 754/04

CASPAR



CLOWARD



KS 756/01



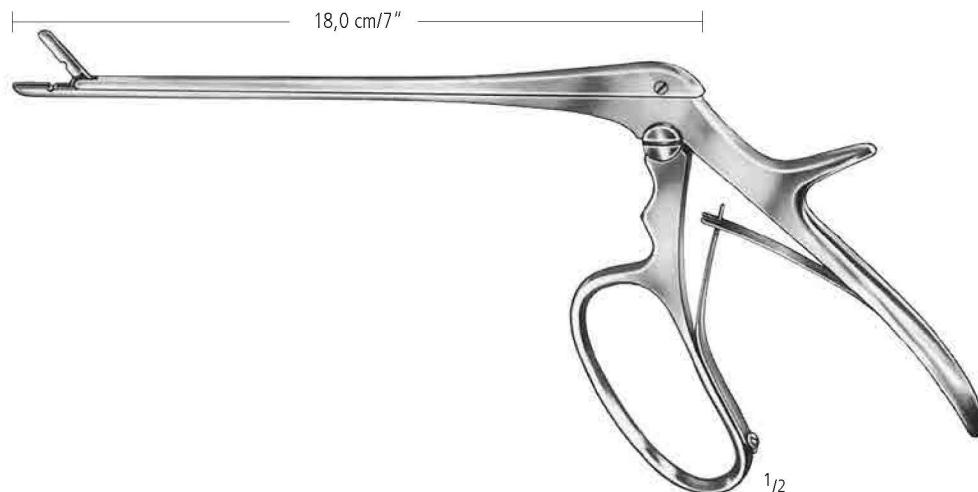
KS 756/02



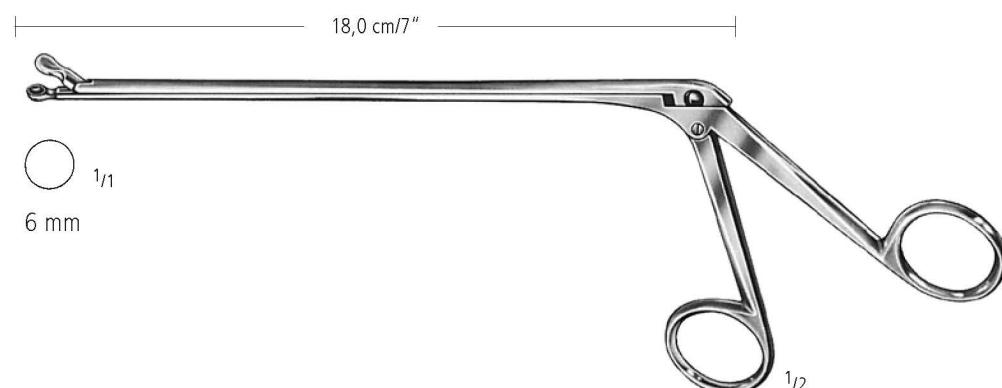
KS 756/03

NEUROCHIRURGIE NEUROSURGERY NEUROCIRUGIA NEUROCHIRURGIE NEUROCHIRURGIA

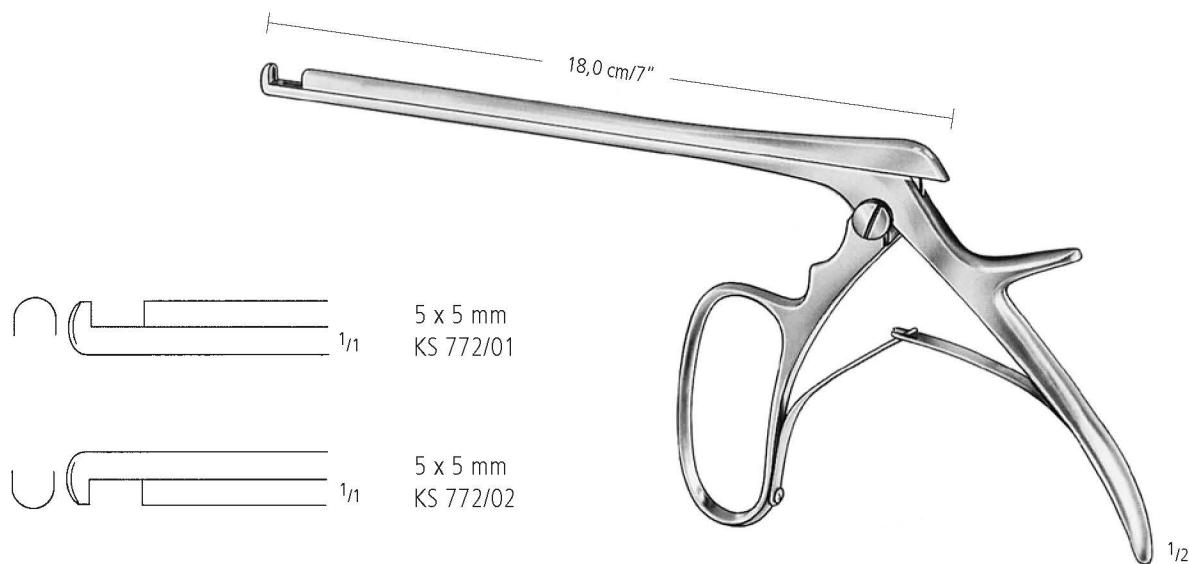
Laminektomie-Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomía
Pince emporte-pièces à laminectomie
Pinze taglienti per laminectomia

**FERRIS-SMITH-CUSHING**

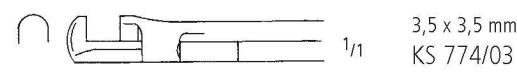
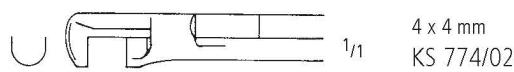
	1/1	1/1	1/1	1/1
	2 x 10 mm	3 x 10 mm	4 x 10 mm	6 x 12 mm
1/1	KS 762/00	KS 763/00	KS 764/00	KS 766/00
1/1	KS 762/01	KS 763/01	KS 764/01	KS 766/01
1/1	KS 762/03	KS 763/03	KS 764/03	KS 766/03

**OLDBERG**
KS 770/00

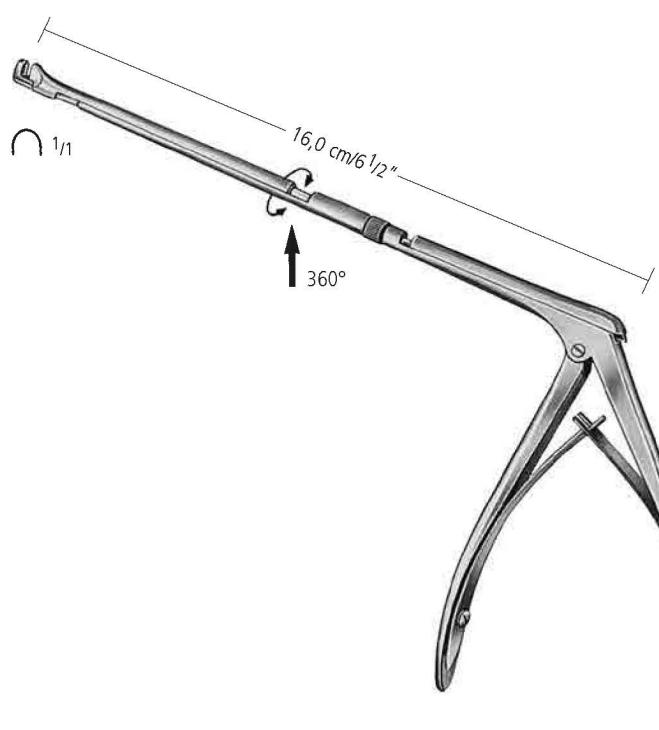
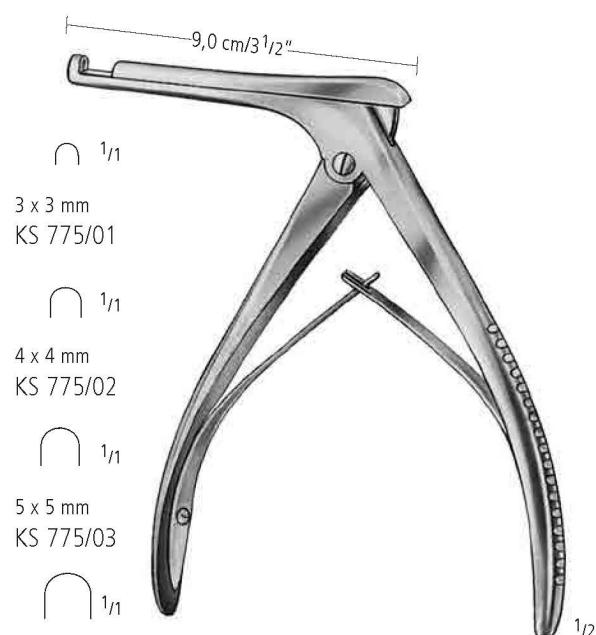
Laminektomie-Stanzen
Laminectomy Punches
Pinzas cortantes para discos intervertebrales
Pinces emporte-pièces pour lames intervertébrales
Pinze taglienti per dischi intervertebrali

**FERRIS-SMITH**

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



HAJEK-KOFFLER

HAJEK-KOFFLER
KS 774/16

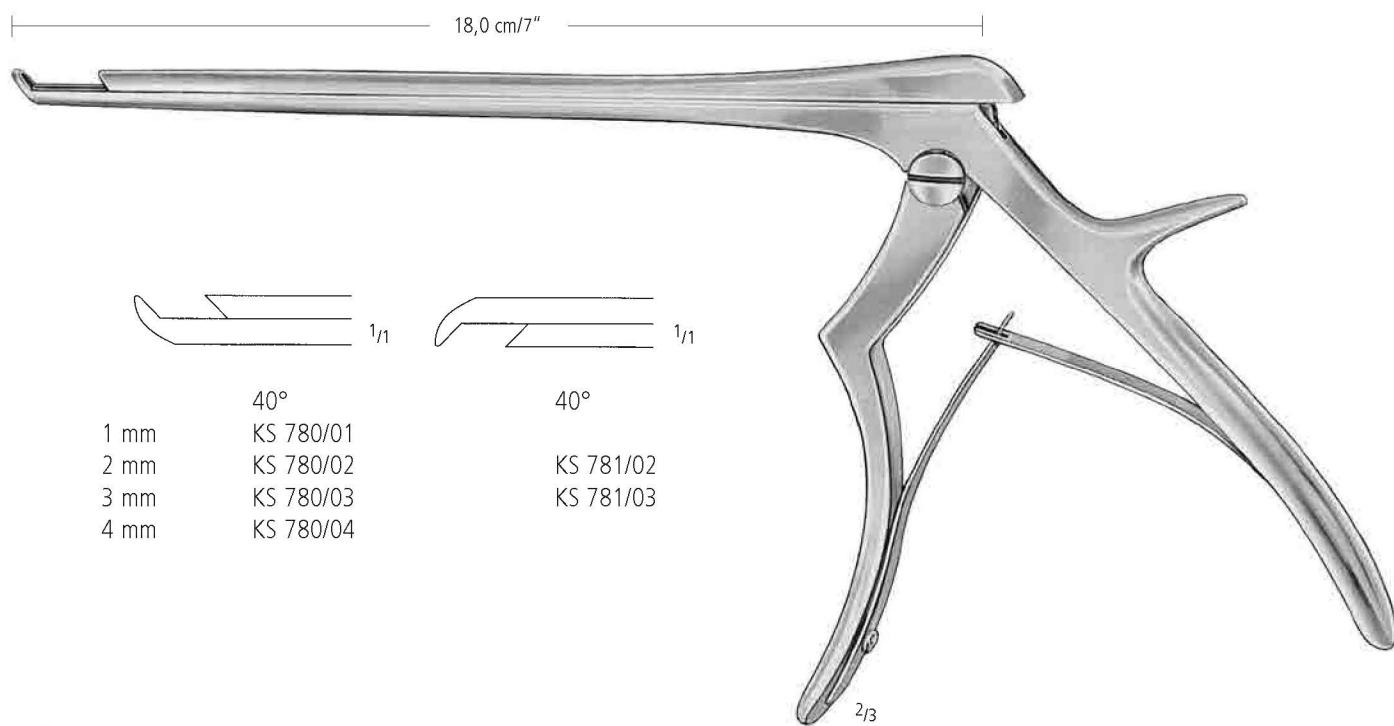
KERRISON

KS

XR

XT

Laminektomie-Stanzen
Laminectomy Punches
Pinzas cortantes para discos intervertebrales
Pinces 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

AA

AB

AC

AE

AK

AO

AR

KA

KS

XR

XT

19,0 cm/7¹/₂"

1/1

1/1

KS 800/22
Ø 2,2 mmKS 802/35
Ø 3,5 mm

1/2

20,0 cm/8"

1/1

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

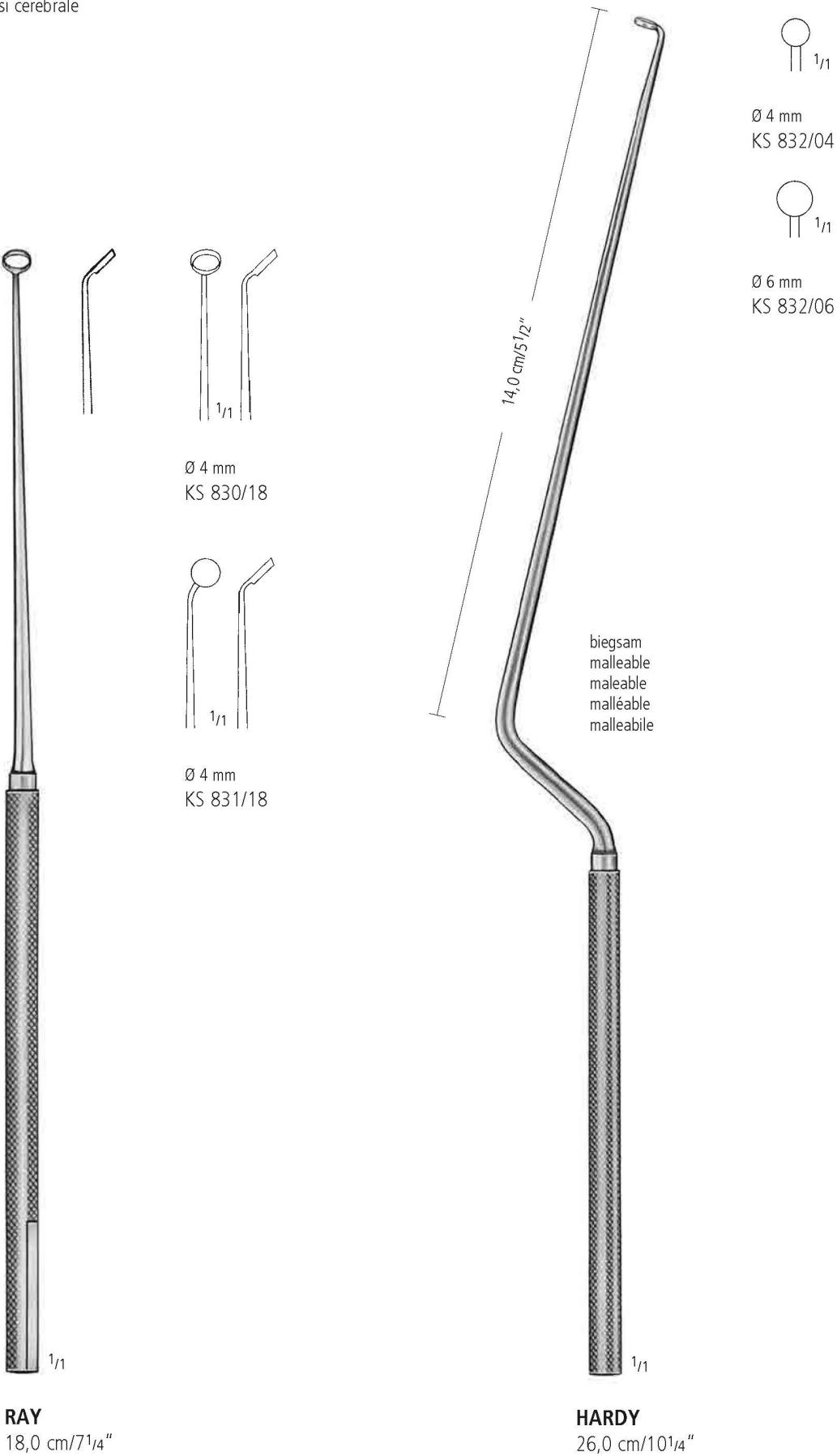
**LANDOLT**

KS 821/21
21,5 cm/8 1/2"

COTTE

KS 822/04
18 cm/7"

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



RAY
 $18,0 \text{ cm} / 7\frac{1}{4}''$

HARDY
 $26,0 \text{ cm} / 10\frac{1}{4}''$

AA
AB
AC
AE
AK
AO
AR
KA
XR
XT
KS

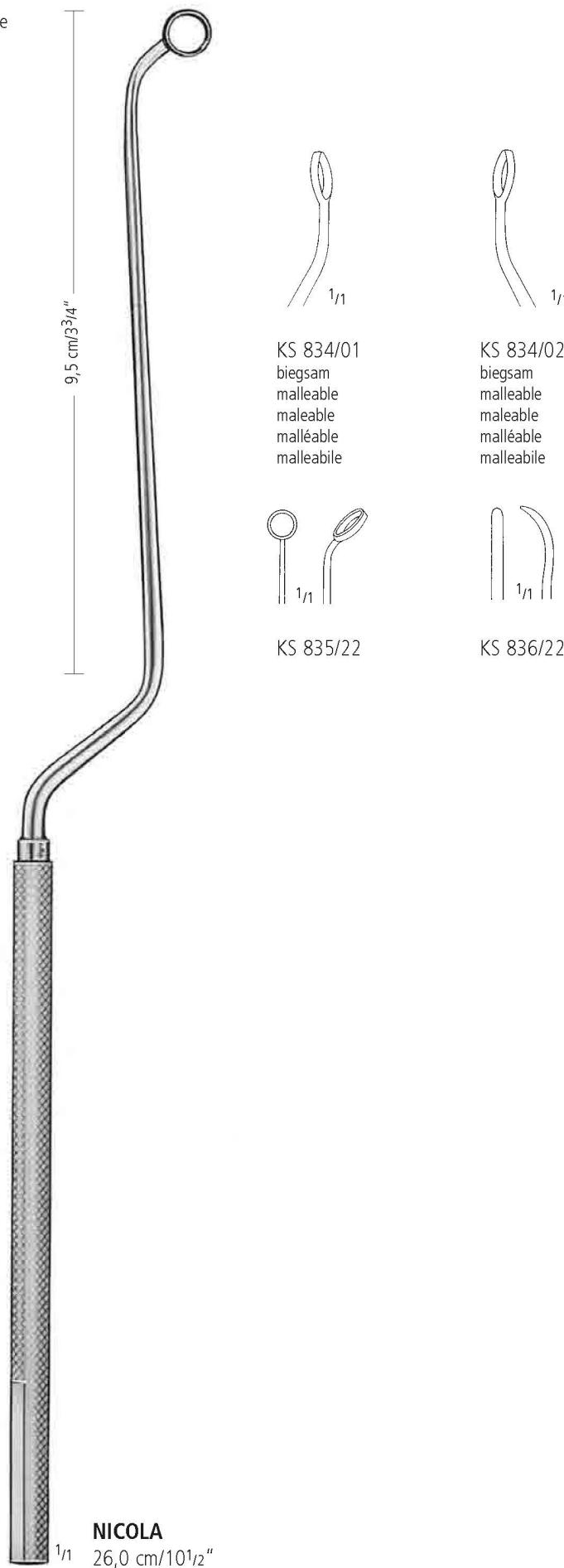
Hypophysen-Instrumente

Pituitary Instruments

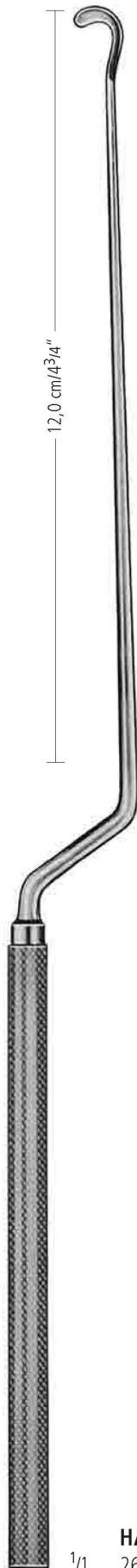
Instrumentos para hipófisis

Instruments pour la chirurgie pituitaire

Strumenti per ipofisi cerebrale



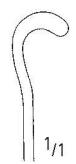
Hypophysen-Instrumente
Pituitary Instruments
Instrumentos para hipófisis
Instruments pour la chirurgie pituitaire
Strumenti per ipofisi cerebrale



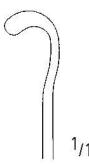
HARDY
1/1 26,0 cm / 10 1/4"



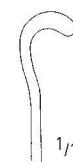
KS 837/01
stumpf
blunt
romo
mousse
smusso



KS 837/02
stumpf
blunt
romo
mousse
smusso



KS 837/03
scharf
sharp
cortante
tranchante
tagliente



KS 837/04
scharf
sharp
cortante
tranchante
tagliente



HARDY
KS 838/25



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



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

AA

AB

AC

AE

AK

AO

AR

KS

KA

XR

XT

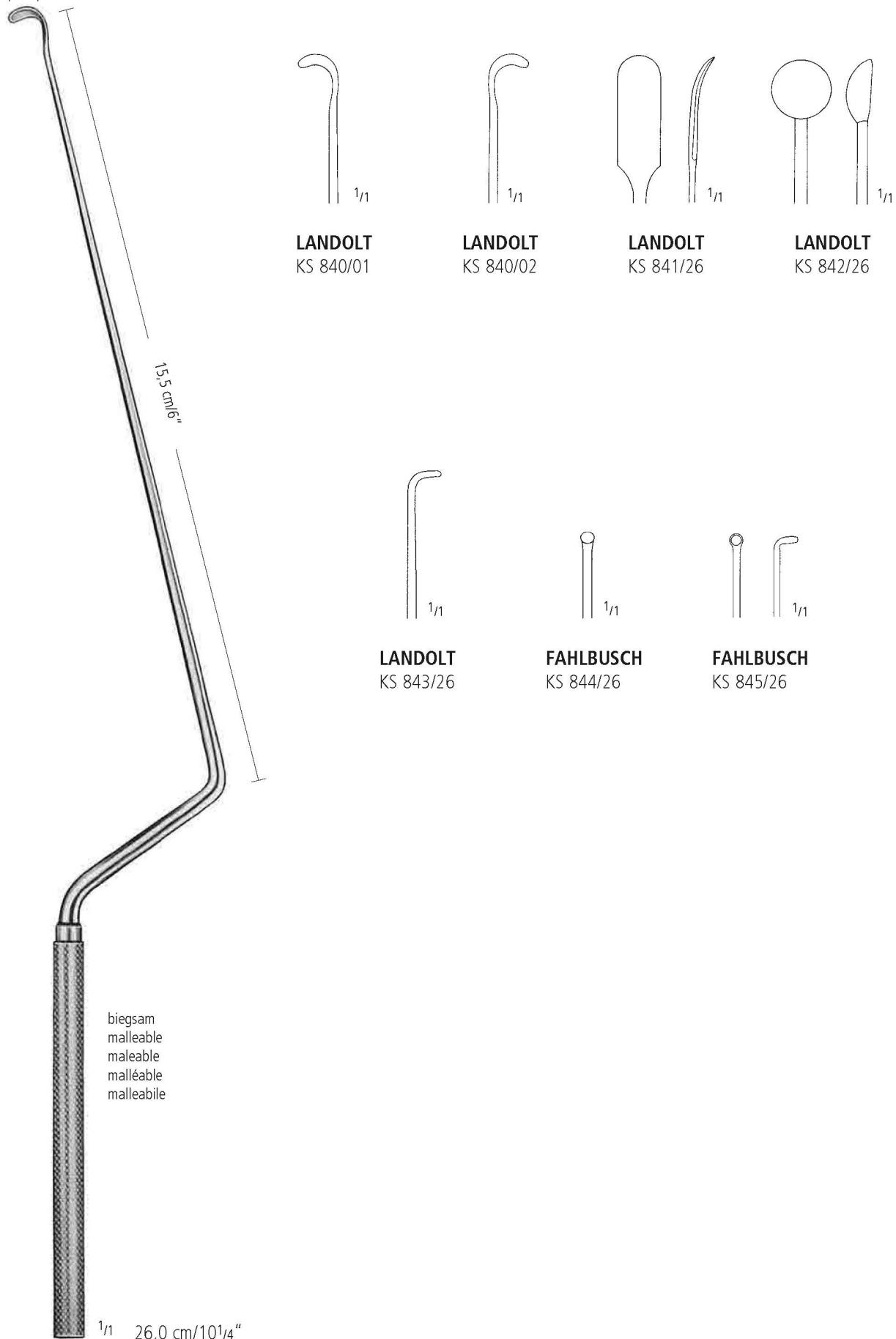
Hypophysen-Instrumente

Pituitary Instruments

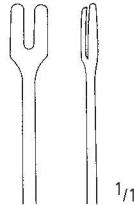
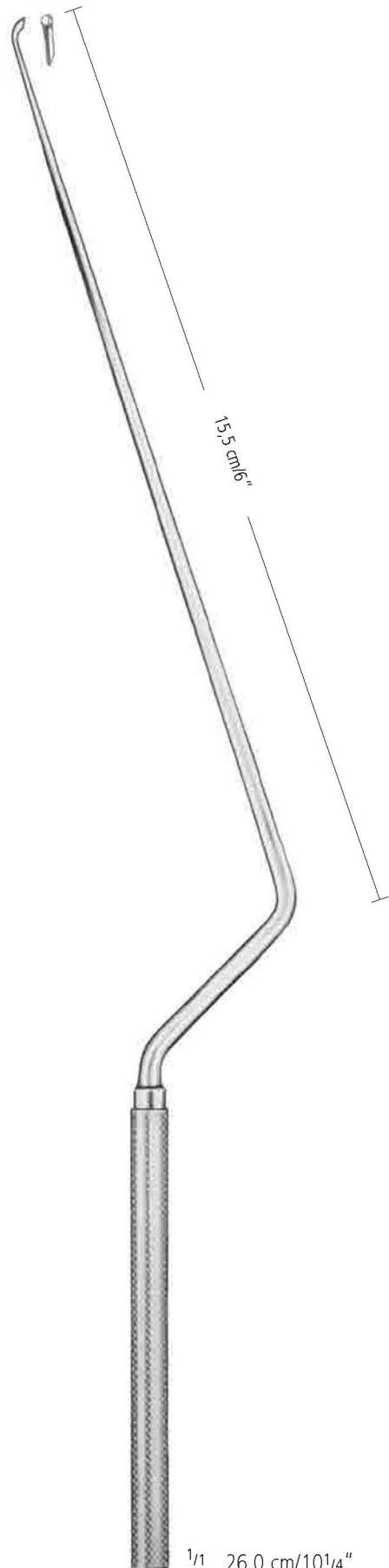
Instrumentos para hipófisis

Instruments pour la chirurgie pituitaire

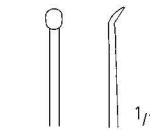
Strumenti per ipofisi cerebrale



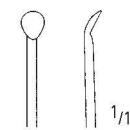
Hypophysen-Instrumente
Pituitary Instruments
Instrumentos para hipófisis
Instruments pour la chirurgie pituitaire
Strumenti per ipofisi cerebrale



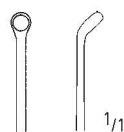
HOSOBUCHI
KS 846/26



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

AA

AB

AC

AE

AK

AO

AR

KA

XR

XT

KS

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**.



XR ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSPIE ENDOSCOPIA

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

monopolar



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

bipolar

**MARTIN/BERCHTOLD**

XR 828/03
XR 828/05

XR 830/03
XR 830/05

monopolar



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

bipolar



ERBE
XR 831/13
XR 831/15
(T-Serie)

monopolar



ERBE/SELECT
XR 832/03
XR 832/05



ERBE
XR 833/03
XR 833/05

bipolar

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

ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSPIE ENDOSCOPIA

Bi-Koagulations-Pinzen
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	XR 894/16 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
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	

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 - **ENDOSCOPE**.

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

>>

ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSPIE ENDOSCOPIA

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

AA

AB

AC

AE

AK

AO

AR

KA

KS

XR

XT



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 060/18 Ø 6,0 mm, 180 cm
XT 060/23 Ø 6,0 mm, 230 cm
XT 060/30 Ø 6,0 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

XT

ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSPIE ENDOSCOPIA

Adapter
Adapter
Adaptador
Connexion
Adattatore

Projektor-Seite
Projector side

Endoskop-Seite
Endoscope side

XT 100/01



STORZ

XT 100/11



STORZ/WINTER + IBE
OPLYMPUS/STRYKER

XT 100/02



WOLF/HENKE-SASS

XT 100/12



WOLF/HENKE-SASS

XT 100/03



ACM/HEINE

XT 100/13



ACM/HEINE

XT 100/04



WINTER + IBE

XT 100/05



OPLYMPUS

Bestellinformation / Ordering information

>> Bitte bestellen Sie Kaltlicht-
grundkabel mit 2 Adapters

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

ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSPIE ENDOSCOPIA

Kaltlichtquellen
Cold Light Sources
Fuente de luz fría
Source à lumière froide
Sorgente luce fredda

AA

AB

AC

AE

AK

AO

AR

KA

KS

XR

nopa[®] light halogen 2 x 250W future 100



XT 170/00	=	110 - 230 VAC
XT 169/00	=	Ersatzlampe Spare bulb Bomba de recambio Lampe de rechange Lampadina di ricambio

nopalight halogen 2 x 250W

Beschreibung XT 170/00

Die nopalight halogen 2 x 250 W Lichtquelle kann bei allen Einsätzen angewendet werden, besonders dann, wenn eine starke Ausleuchtung oder eine Videoaufzeichnung notwendig ist.

Alle modernen Autoshutter-Videokameras werden mit ausreichender Lichtzufuhr versorgt. Die zweite Lampe wird als Reserve bei Lampendefekten oder Lampenausfall durch sofortiges Umschalten während den Einsätzen aktiviert.

Spezielle Wärmeschutzfilter sorgen für eine Schonung der Lichtleiter und eine optimale Lichtfiltrierung. Das Gerät ist MedGV-geprüft.

Technische Daten

Elektr. Versorgung:	100-240 VAC/50-60Hz Weltnetzteil
Farbtemperatur:	über 3500° K
Lichtregelung:	automatisch, stufenlos
Maße (B x H x T):	355 x 110 x 320 mm
Gewicht:	ca. 8,5 kg

Zubehör

Lampe XT 169/00:	250 Watt Halogen
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nopalight halogen 2 x 250W

Description XT 170/00

The nopalight halogen 2 x 250 W lightsource can be utilized in all procedures, especially if a strong illumination or video-monitoring is required.

All modern autoshutter-video cameras will be supplied with sufficient light-intensity, the second lamp serves as stand-by. Simply switch-over.

Special temperature-filters guarantee long life of light cables and optimal light output. The nopalight halogen 2 x 250 W lightsource is approved by MedGV.

Technical data

Power supply:	100-240 VAC/50-60Hz world power supply
Color temperature:	more than 3500° K
Light control:	automatic
Measurements (W x H x D):	355 x 110 x 320 mm
Weight:	approx. 8,5 kg

Accessories

Bulb XT 169/00:	250 Watt Halogen
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Herstellung und Verkauf chirurgischer
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