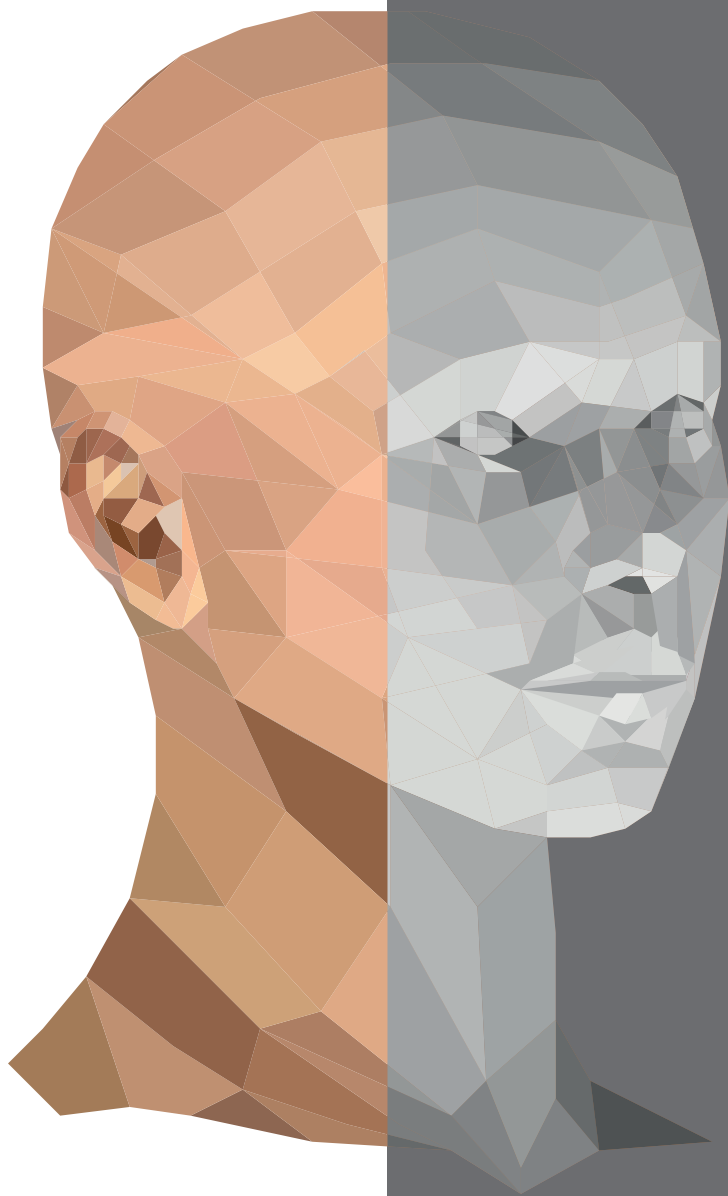


nopod[®] instruments



HNO / plastische chirurgie

ENT / plastic surgery

ORL / cirugía plástica

ORL / chirurgie plastique

ORL / chirurgia plastica



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corporate video



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catálogos apropiados.**

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catalogues appropriés.**

**Chieda prego i nostri
cataloghi adatti.**

>> Unser Lieferprogramm

Allgemeinchirurgie und Gynäkologie
Plastische Chirurgie und HNO
Thorax, Herz und Gefäßchirurgie
Neurochirurgie
Ophthalmologie
Endoskopie
Container und Sterilisation
Dental und Oral

>> Our product range

General Surgery and Gynecology
Plastic Surgery and ENT
Thoracic and cardiovascular surgery
Neurosurgery
Ophthalmology
Endoscopy
Container and Sterilization
Dental and Oral

**>> Nuestro gama
de productos**

Cirugía general y ginecología
Cirugía plástica y ORL
Cirugía torácica y cardiovascular
Neurocirugía
Oftalmología
Endoscopia
Contenedor y esterilización
Odontología y oral

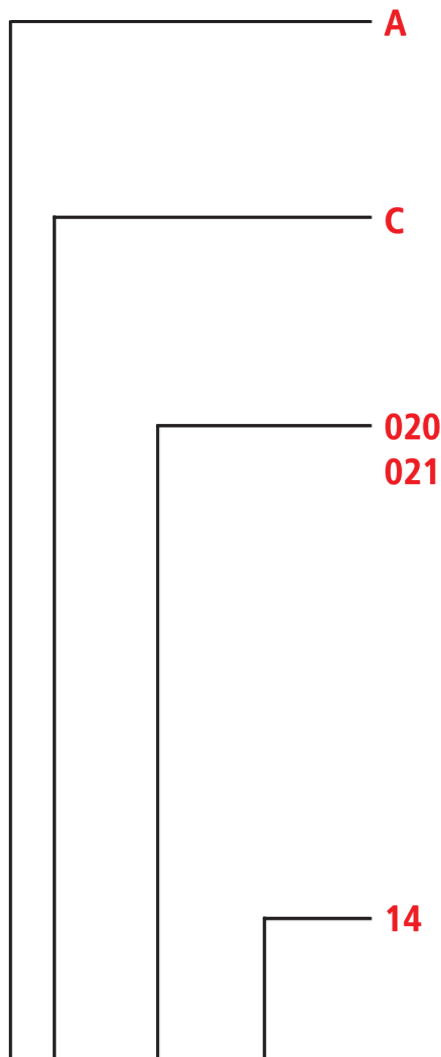
>> Notre gamme

Chirurgie générale et Gynecologie
Chirurgie plastique et ORL
Chirurgie thoracique et cardiovasculaire
Neurochirurgie
Ophtalmologie
Endoscopie
Conteneur et stérilisation
Dental et Oral

**>> Nostro programma
di produzione**

Chirurgia generale e Ginecologia
Chirurgia plastica ed ORL
Chirurgia toracica e cardiovascolare
Neurochirurgia
Oftalmologia
Endoscopia
Contentitore e sterilizzazione
Odontoiatria e Orale





Artikelcode **AC 020/14**

Allgemeines Instrumentarium

General Instruments
Instrumental Général
Instruments Générales
Strumenti generali

Scheren

Scissors
Tijeras
Ciseaux
Forbici

Fortlaufende Nummern

Gerade Ziffer = gerades Instrument
Ungerade Ziffer = gebogenes Instrument

Continuous number

Even number = straight instrument
Odd number = curved instrument

Número de orden

números pares = instrumento derecho
números impares = instrumento curvado

Numéros d'ordre

numéro pair = instrument droit
numéro impair = instrument courbe

Numeri progressivamente

numero pari = strumento retto
numero dispari = strumento curvo

Länge oder Figur

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

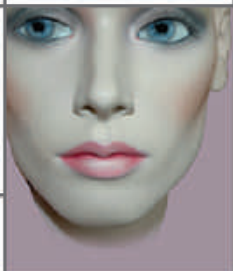
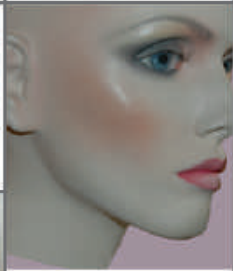
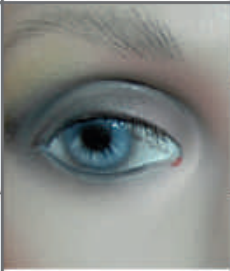
HNO / plastische Chirurgie

ENT / plastic surgery

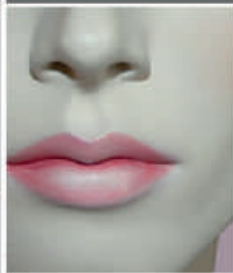
ORL / cirugía plástica

ORL / chirurgie plastique

ORL / chirurgia plastica



nopa[®] instruments



Wir weisen ausdrücklich darauf hin, dass die gezeigten/ genannten Produkte nur von ausgebildetem Fachpersonal mit entsprechender Qualifikation und unter der Voraussetzung des sachgemäßen, zweckbestimmten und bestimmungsgemäßen Gebrauchs, laut Angaben der Bedienungsanleitung verwendet und eingesetzt werden dürfen.

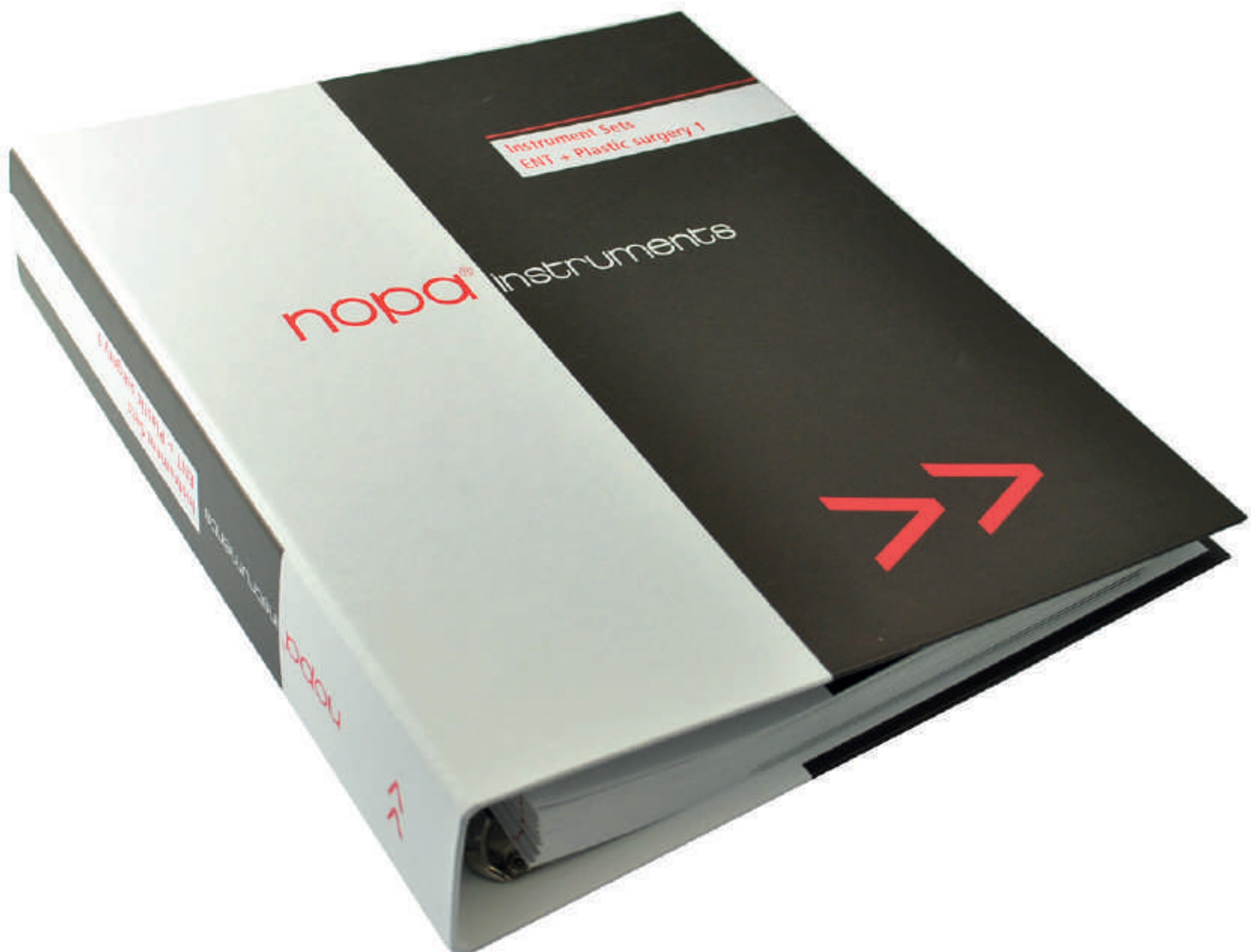
Unsachgemäße und die nicht bestimmungsmäßige Verwendung der Produkte, kann zu schwerwiegenden und unerwünschten Folgen, sowie Komplikationen führen.

We expressly point out that the products shown/mentioned may only be used and operated by trained specialist personnel with the appropriate qualifications, and for the proper, intended and prescribed purpose as specified in the operating instructions.

Improper and/or non-prescribed use of the products may lead to serious and undesirable consequences as well as complications.

>> Klemmen >> Hemostats >> Pinzas hemostáticas >> Pincas hémostatiques >> Pinze emostatiche	15-32	AA
>> Pinzetten >> Forceps >> Pinzas >> Pincas >> Pinze	33-58	AB
>> Scheren >> Scissors >> Tijeras >> Ciseaux >> Forbici	59-94	AC
>> Skalpelle >> Scalpels >> Bisturíes >> Bistouris >> Bisturi	95-100	AD
>> Naht >> Suture >> Sutura >> Suture >> Sutura	101-128	AE
>> Tupferzangen >> Sponge Forceps >> Pinzas para pólipos >> Pincas à pansements >> Pinze per polipi	129-134	AF
>> Wundhaken >> Retractors >> Separadores >> Ecarteurs >> Divaricatori	135-152	AK
>> Sonden >> Probes >> Sondas >> Sondes >> Sonde	153-155	AL
>> Punktion/Kanülen >> Puncture/Special Needles >> Punción/Agujas especiales >> Ponction/Aiguilles spéciales >> Puntura/Aghi speciali	156-162	AO
>> Narkose >> Anaesthesia >> Anestesia >> Anesthésie >> Anestesia	163-180	AP
>> Diagnostik >> Diagnostics >> Diagnóstico >> Diagnostic >> Diagnostica	181-194	AR
>> Orthopädie >> Orthopaedic >> Ortopedia >> Orthopédie >> Ortopedia	195-228	KA
>> Mund/Zunge/Tonsillen >> Oral Instruments/Tonsils >> Boca/Lengua/Amígdalas >> Bouche/Langue/Amygdales >> Bocca/Lingua/Tonsille	229-276	KL
>> Otologie >> Otology >> Otología >> Otologie >> Otologia	277-308	KM
>> Rhinologie >> Rhinology >> Rinología >> Rhinologie >> Rinologia	309-358	KO
>> Verschiedenes >> Various items >> Diversos Articulos >> Articles divers >> Articoli diversi	359-364	KU
>> Container System >> Container System >> Sistema de contenedor >> Système de conteneur >> Sistema del contenitore	365-388	KYE
>> Endoskopie >> Endoscopy >> Endoscopia >> Endoscopie >> Endoscopia	389-414	X



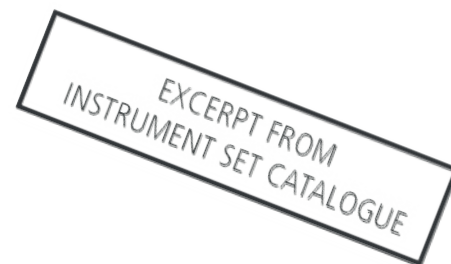


- >> Bitte fordern Sie unseren Set-Katalog mit mehr als 50 HNO Instrumenten Sieben an.
- >> Please ask for our instruments set catalogue including more than 50 ENT instruments sets.
- >> Por favor solicite nuestro catálogo de cajas incluyendo más de 50 cajas de instrumentos ORL.
- >> N'hésitez pas à faire la demande de notre catalogue de boîtes comprenant plus de 50 boîtes d'instruments ORL.
- >> La preghiamo di richiedere il nostro catalogo di set includendo più di 50 set di strumenti ORL.

SET

ZS 345/00

Siebvorschlag - Suggested instrument set

**ENDOSKOPISCHES FACELIFT SET****ENDOSCOPIC FACELIFT SET****SET ESTIRAMIENTO FACIAL ENDOSCÓPICO****BOÎTE LIFTING FACIAL ENDOSCOPIQUE****SET LIFTING FACIALE ENDOSCOPICO**

Content:		Qty
AK 456/01	OPTICAL DISSECTOR FOR PLAST. ENDOSCOPES 4.0 MM 30° TYP1	1
KA 690/08	LANGENBECK PERIOST-ELEV. 8 MM 19.5 CM	1
KA 709/01	MIDFACE FASCIA DISSECTOR, 23.0 CM	1
KA 709/02	TEMPORAL „T“ DISSECTOR, 25.0 CM	1
KA 709/03	SUPRAORBITAL DISSECTOR, 26.0 CM	1
KA 709/04	ARCUS MARGINALIS DISSECTOR, 25.3 CM	1
KA 709/05	FLAP DISSECTOR, 25.0 CM	1
KA 709/06	FRONTOTEMPORAL DISSECTOR, STRAIGHT, 24.0 CM	1
KA 709/07	FRONTOTEMPORAL DISSECTOR, CURVED, 24.0 CM	1
KA 709/08	ORBITAL RIM DISSECTOR, HALF CURVED, 23.5 CM	1
KA 709/09	FACELIFT DISSECTOR, STRAIGHT, 21.0 CM	1
KA 709/10	FACELIFT DISSECTOR, CURVED, 23.5 CM	1
KA 709/11	NERVE DISSECTOR, HALF CURVED, 23.5 CM	1
KA 709/30	ZYGOMATIC ARCH ELEVATOR, 22.0 CM	1
KA 709/31	PARIETAL PERIOSTAL ELEVATOR, 26.0 CM	1
KA 709/32	FACELIFT ELEVATOR, 1/4 CURVED, 23.5 CM	1
KA 709/33	FACELIFT ELEVATOR, FULL CURVED, 23.5 CM	1
KA 709/34	FACELIFT ELEVATOR, HALF CURVED, 23.5 CM	1
SK 305/06	WIRE BASKET, 485X255X60 MM	1
SU 515/29	ENDOSCOPY WIRE BASKET 290X80X52 MM	1
SX 432/02	SILICON MAT 225X225 MM	2
XM 010/00	HANDLE, INSULATED, ROTATABLE	1
XM 014/00	HANDLE W/RATCHET, ROTATABLE WITH STOP	1
XM 020/18	SHAFT, 18.0 CM, Ø 5.0 MM	1
XM 139/18	METZENBAUM, SCISSORS, CURVED, 18.0 CM, Ø 5.0 MM	1
XM 170/18	DOLPHIN, GRASPING FORCEPS, 18.0 CM, Ø 5.0 MM	1
XM 295/18	METZENBAUM, SCISSORS, CURV. JAWS, CURV., HORIZ., 18.0 CM, Ø 3.0 MM	1
XM 296/18	DOLPHIN, GRASPING FORCEPS, SHAFT CURVED, HORIZ., 18.0 CM, Ø 3.0 MM	1
XP 701/43	OPTIC F. ARTHROSCOPY/SINUSCOPY 4.0 MM 30°	1

Basic instruments for FACELIFT: Set Rhytidectomy ZS 346/00

See catalogue „Container and Sterilization“, if required.



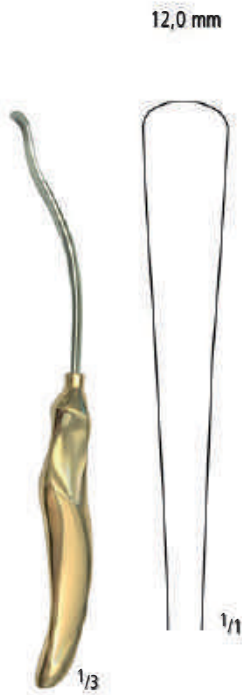
EXCERPT FROM
INSTRUMENT SET CATALOGUE



OPTICAL DISSECTOR FOR ENDOSCOPES
AK 456/01
 175 mm, Ø 4,0 mm $\alpha = 30^\circ$

KA 690/08
 19,5 cm/7³/₄"

EXCERPT FROM
INSTRUMENT SET CATALOGUE



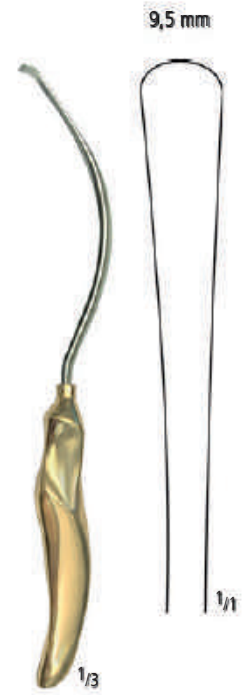
KA 709/01
23,0 cm/9¹/₈"



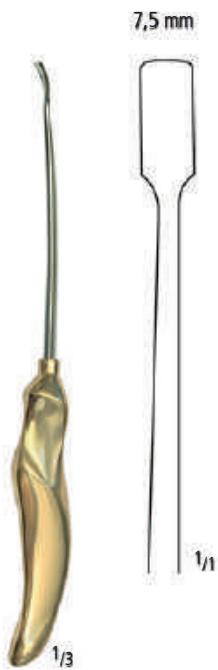
KA 709/02
25,0 cm/9³/₄"



KA 709/03
26,0 cm/10¹/₄"



KA 709/04
25,3 cm/10"



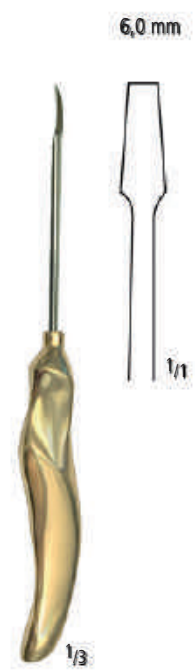
KA 709/05
25,0 cm/9³/₄"



KA 709/06
24,0 cm/9¹/₂"



KA 709/07
24,0 cm/9¹/₂"

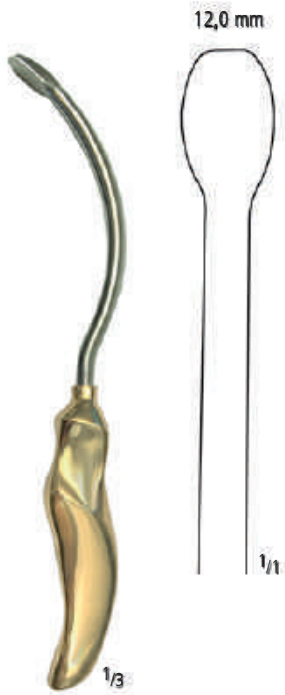


KA 709/30
22,0 cm/8³/₄"

neck lift
rhino basic
rhino advanced
otoplasty
facelift
facelift endoscopy
blepharoplasty
hairtransplantation

facelift endoscopy

EXCERPT FROM
INSTRUMENT SET CATALOGUE



KA 709/31
25,0 cm/9³/₄"



KA 709/32
24,0 cm/9¹/₂"



KA 709/33
24,0 cm/9¹/₂"



KA 709/34
23,5 cm/9¹/₄"



KA 709/37
23,5 cm/9¹/₄"



KA 709/38
21,0 cm/8¹/₄"

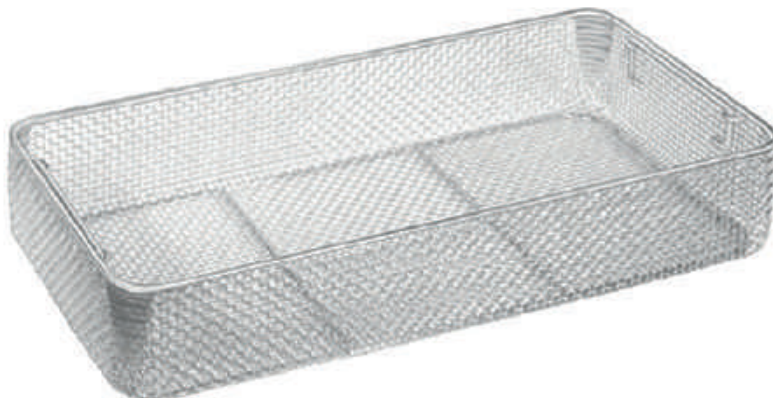


KA 709/39
23,5 cm/9¹/₄"



KA 709/40
23,5 cm/9¹/₄"

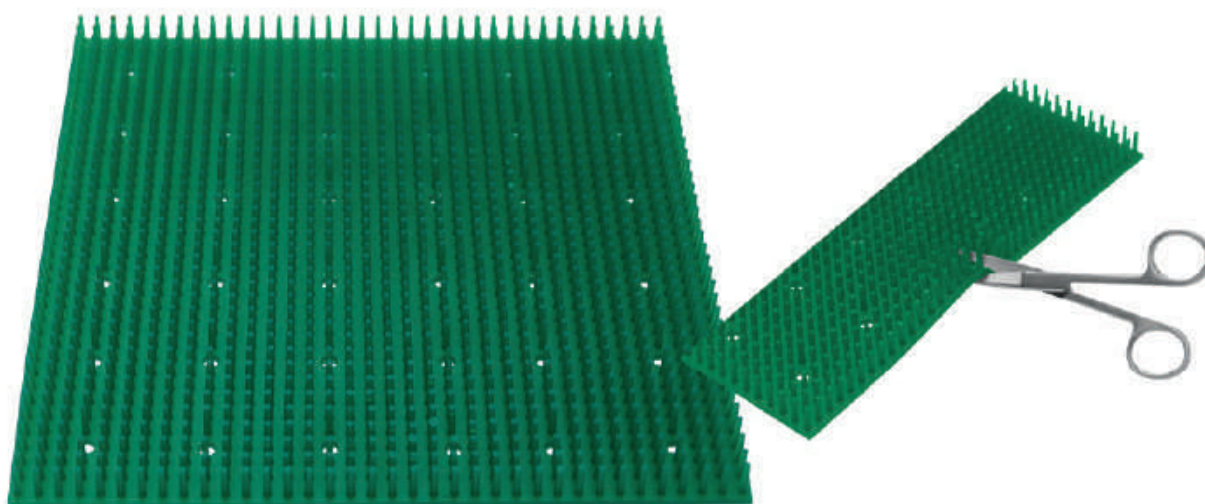
EXCERPT FROM
INSTRUMENT SET CATALOGUE



L(mm)	B(mm)	H(mm)	
485	255	60	SK 305/06



L(mm)	B(mm)	H(mm)	for 1 Telescope
290	80	52	SU 515/29



L(mm)	B(mm)	
225	225	SX 432/02

neck lift

rhino basic

rhino advanced

otoplasty

facelift

facelift endoscopy

blepharoplasty

hairtransplantation

EXCERPT FROM
INSTRUMENT SET CATALOGUE



XM 010/00



XM 014/00

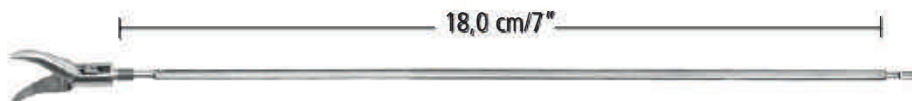


15 mm



Ø 5,0 mm L 18,0 cm/7" **XM 020/18**

maximum precision and quality standards



Ordering information: Please order handle, tube and working tip.

EXCERPT FROM
INSTRUMENT SET CATALOGUE



METZENBAUM SCISSORS CURVED

Ø 5,0 mm

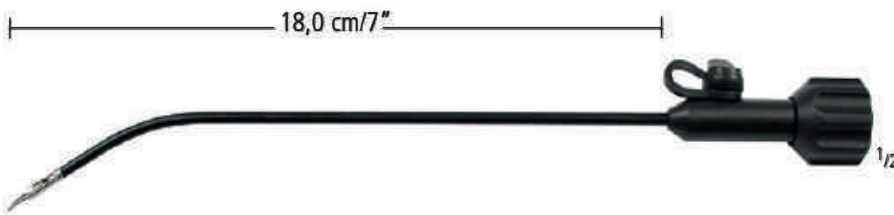
XM 139/18



DOLPHIN

Ø 5,0 mm

XM 170/18



METZENBAUM SCISSORS CURVED

Ø 3,0 mm

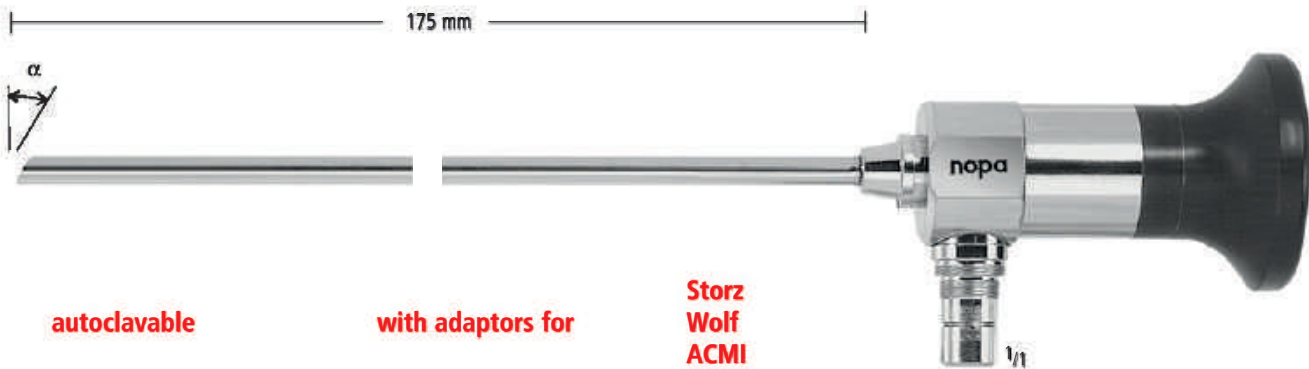
XM 295/18



DOLPHIN GRASPING FORCEPS

Ø 3,0 mm

XM 296/18



autoclavable

with adaptors for

**Storz
Wolf
ACMI**

ARTHROSCOPE

Wide angle

Ø 4,0 mm

$\alpha = 30^\circ$

XP 701/43

neck lift

rhino basic

rhino advanced

otoplasty

facelift

facelift endoscopy

blepharoplasty

hairtransplantation



KLEMMEN
HEMOSTATS
PINZAS HEMOSTATICAS
PINCES HEMOSTATIQUES
PINZE EMOSTATICHE

AA

nopa[®] instruments

Weitere Klemmen finden Sie in unserem Katalog „Allgemeines Instrumentarium“ in Gruppe AA.

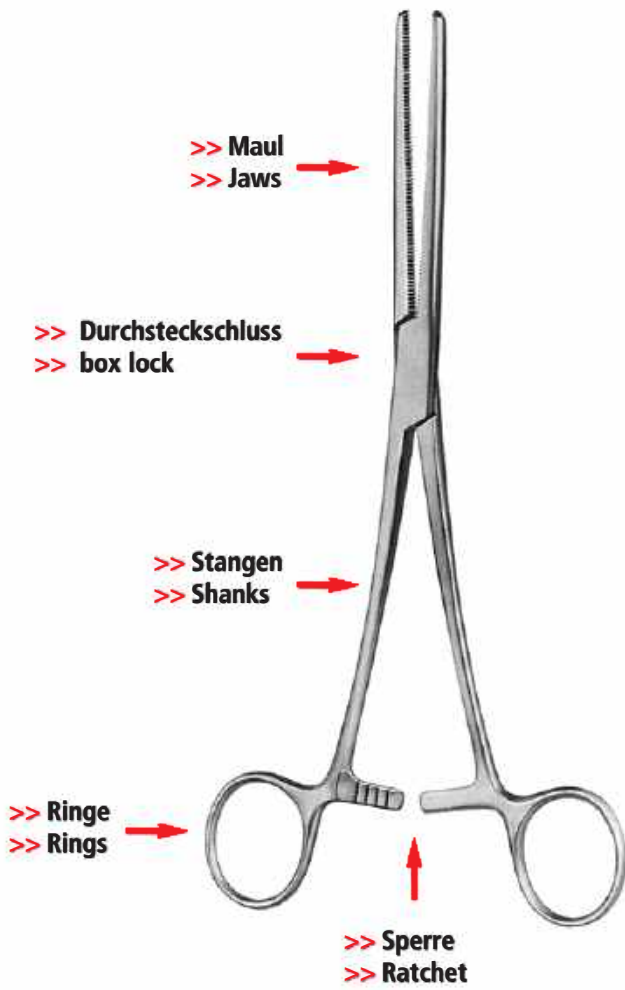
For further hemostats kindly refer to our catalogue „General Instruments“, section AA.

Para pinzas hemostaticas adicionales, por favor consulte nuestro catálogo de „Instrumental de uso general“, grupo AA.

Pour des pinces hemostatiques supplémentaires, consultez notre catalogue „Instrumentation Generale“, section AA.

Per gli altri pinze emostatiche, consultare il nostro catalogo „Strumentazione Generale“, gruppo AA.





>> Spitzen
>> Tips



>> ohne Zähne
>> without teeth



>> mit Zähnen 1:2
>> with teeth 1:2

>> Maulbiegung
>> jaw curvature



>> gerade
>> straight



>> gebogen
>> curved

>> Riefung
>> serrations



>> quer
>> horizontal



>> längs
>> longitudinal



>> kreuz
>> cross

Gewebefasszängchen
Tissue Seizing Forceps
Pinzas para coger tejidos
Pinces pour saisir le tissu
Pinze per afferrare tessuti

AA

AB

AC

AD

AE

AF

AK

AL

AO

AP

AR

KA

KL

KM

KO

KU

KYE

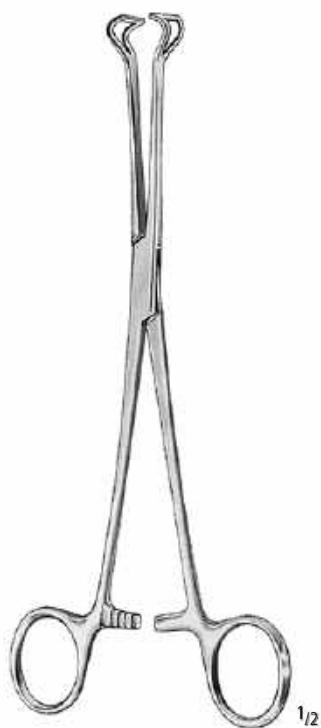
X



ALLIS 4:5
KD 054/15
15,0 cm/6"



ALLIS 5:6
15,0 cm/6" **KD 055/15**
19,0 cm/7 1/2" **KD 055/19**
25,0 cm/10" **KD 055/25**



BABCOCK

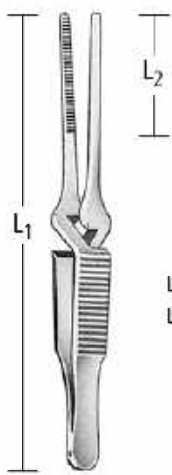






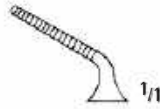
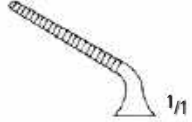
KD 111/16
16,0 cm/6 1/4"



KD 111/18
18,0 cm/7"

Bulldogklemmen
Bulldog Clamps
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog



						
	AA 050/01	AA 050/02	AA 050/03	AA 051/01	AA 051/02	AA 051/03
L ₁	50 mm	50 mm	60 mm	50 mm	50 mm	60 mm
L ₂	8 mm	12 mm	20 mm	8 mm	12 mm	20 mm

3 gr. Gewicht Weight Peso Poids Peso	50 gr. Druck Pressure Presión Pression Pressione
---	---



**VENA
ARTERIA**

**AA 052/01
AA 053/01**

**TITAN 30 mm
AA 052/02
AA 053/02**

**AA 052/03
AA 053/03**

**AA 054/01
AA 055/01**

**TITAN 35 mm
AA 054/02
AA 055/02**

**AA 054/03
AA 055/03**



**VENA
ARTERIA**

**AA 056/01
AA 057/01**

**TITAN 40 mm
AA 056/02
AA 057/02**

**AA 056/03
AA 057/03**

**AA 058/01
AA 059/01**

**TITAN 50 mm
AA 058/02
AA 059/02**

**AA 058/03
AA 059/03**

Bulldogklemmen, Anlegezange
 Bulldog Clamps, Setting Forceps
 Clamps Bulldog, Pinza para poner
 Clamps Bulldog, Pince à poser
 Pinze Bulldog, Pinza per posizionare



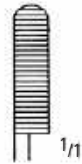
DIEFFENBACH



AA 060/03
3,5 cm/1 1/2"



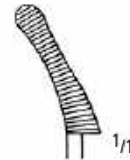
AA 060/05
5,0 cm/2"



AA 060/06
6,0 cm/2 1/2"



AA 061/03
3,5 cm/1 1/2"



AA 061/05
5,0 cm/2"



AA 061/06
6,0 cm/2 1/2"



JOHNS-HOPKINS
AA 069/24
24,5 cm/9 3/4"



JOHNS-HOPKINS



AA 070/04
4,0 cm/1 1/2"



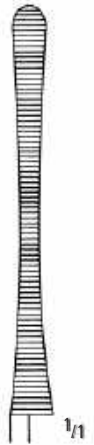
AA 070/05
5,0 cm/2"



AA 070/06
6,5 cm/2 1/2"



AA 070/07
7,5 cm/3"



AA 070/09
9,0 cm/3 1/2"



AA 071/04
4,0 cm/1 1/2"



AA 071/05
5,0 cm/2"



AA 071/06
6,5 cm/2 1/2"



AA 071/07
7,5 cm/3"



AA 071/09
9,0 cm/3 1/2"

AA
AB
AC
AD
AE
AF
AK
AL
AO
AP
AR
KA
KL
KM
KO
KU
KYE
X

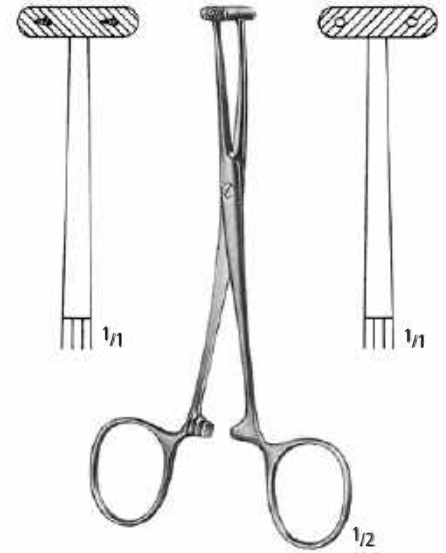
Fasszangen
Seizing Forceps
Pinzas para coger
Pinces à saisir
Pinze per afferrare



CHAPUT
AA 072/02
13,0 cm/5"



TUFFIER
AA 072/04
13,0 cm/5"



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



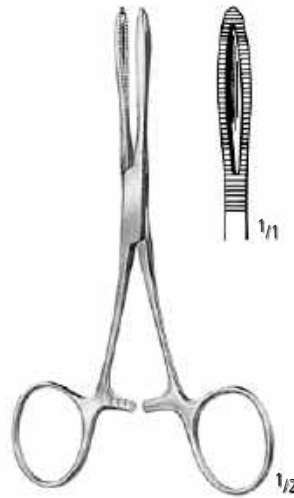
PEAN
14,0 cm/5 1/2" **AA 080/14**
16,0 cm/6 1/4" **AA 080/16**



AA 080/14



AA 080/16



KROENLEIN
AA 082/13
13,0 cm/5"



PENNINGTON
AA 084/15
15,5 cm/6"



AA 084/15

Arterienklemmen
 Artery Forceps
 Pinzas hemostáticas
 Pincas hémostatiques
 Pinze emostatiche

AA

AB

AC

AD

AE

AF

AK

AL

AO

AP

AR

KA

KL

KM

KO

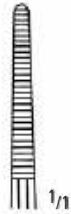
KU

KYE

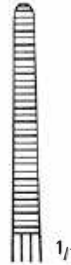
X



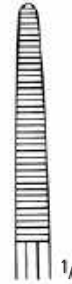
SPENCER-WELLS



AA 110/13
 13,0 cm/5"



AA 110/14
 14,0 cm/5 1/2"



AA 110/15
 15,5 cm/6"



AA 110/18
 18,0 cm/7"



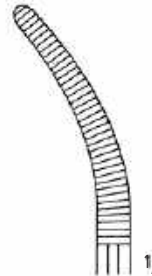
AA 110/20
 20,0 cm/8"



AA 111/13
 13,0 cm/5"



AA 111/14
 14,0 cm/5 1/2"



AA 111/15
 15,5 cm/6"



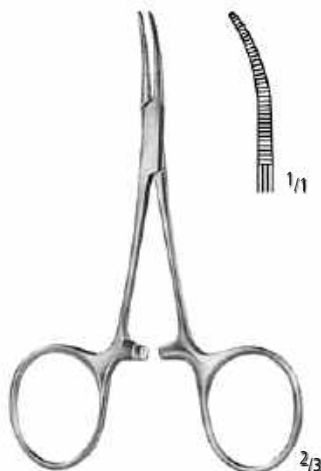
AA 111/18
 18,0 cm/7"



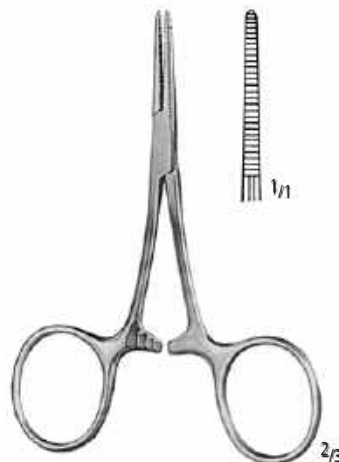
AA 111/20
 20,0 cm/8"



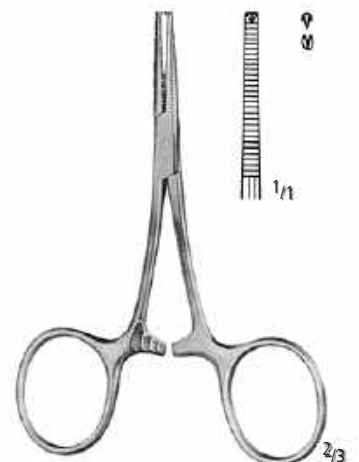
HARTMANN
AA 114/10
 10,0 cm/4"



HARTMANN
AA 115/10
 10,0 cm/4"

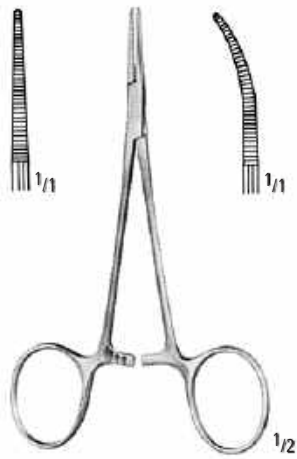


CARREL
AA 116/08
 8,5 cm/3 1/2"



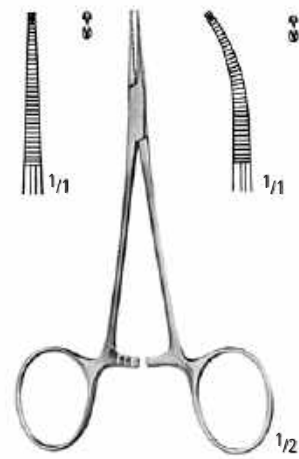
TERRIER 1:2
AA 118/08
 8,5 cm/3 1/2"

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



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

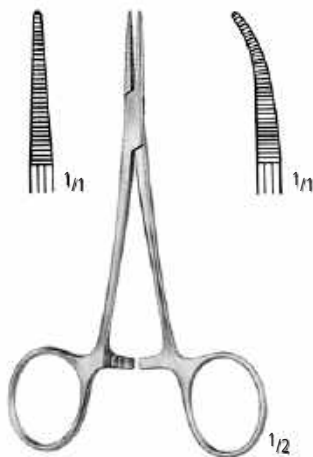
10,0 cm/4"
 12,0 cm/4³/₄"



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

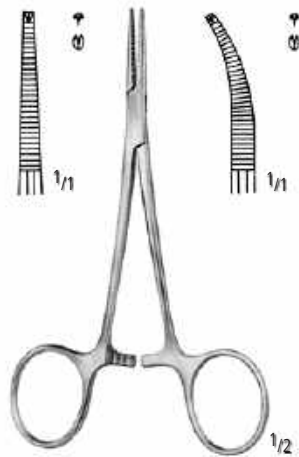
WILLIAM STEWART HALSTED

was professor of surgery in the Johns Hopkins University. In 1890 he had bronze casts made of his own hands. On these casts the first surgical rubber gloves were moulded.



HALSTED-MOSQUITO
 AA 150/12 AA 151/12
 AA 150/14 AA 151/14

12,5 cm/5"
 14,0 cm/5¹/₂"



HALSTED-MOSQUITO 1:2
 AA 152/12 AA 153/12
 AA 152/14 AA 153/14

Arterienklemmen
 Artery Forceps
 Pinzas hemostáticas
 Pincas hémostatiques
 Pinze emostatiche

AA

AB

AC

AD

AE

AF

AK

AL

AO

AP

AR

KA

KL

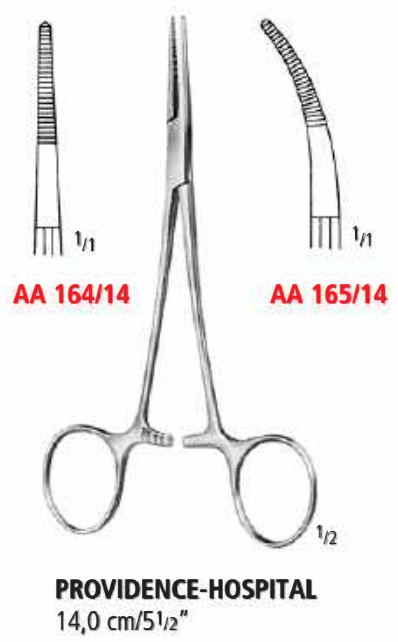
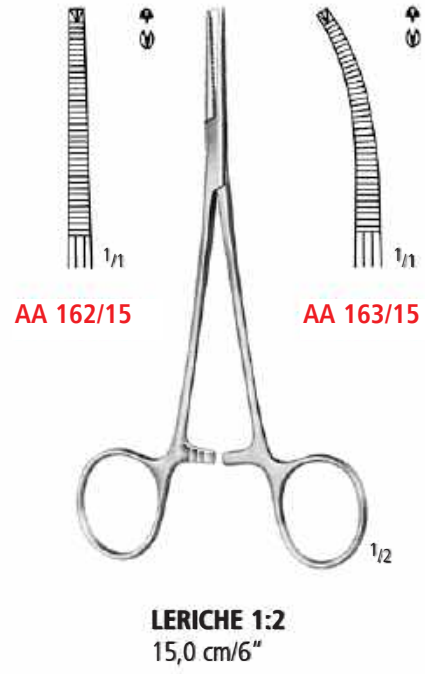
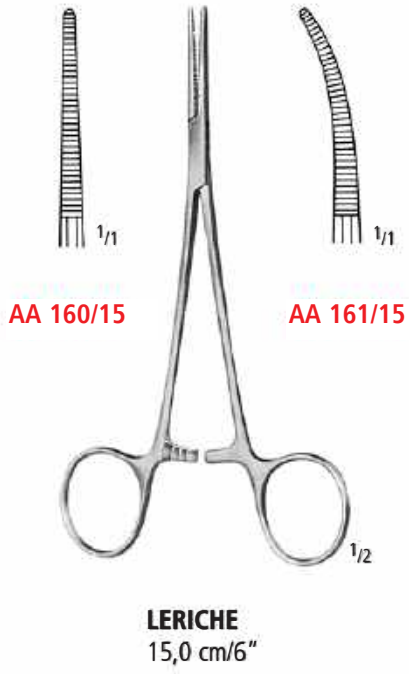
KM

KO

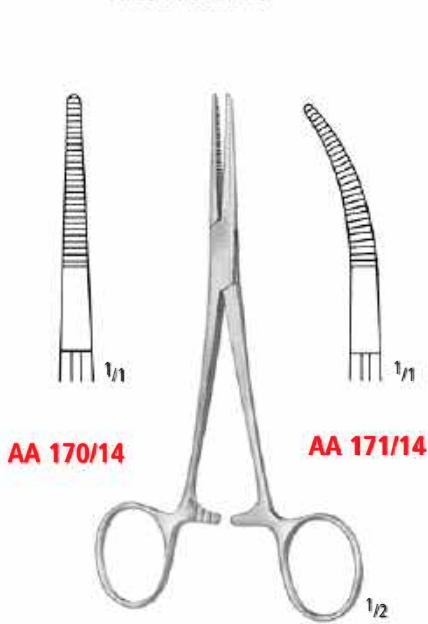
KU

KYE

X



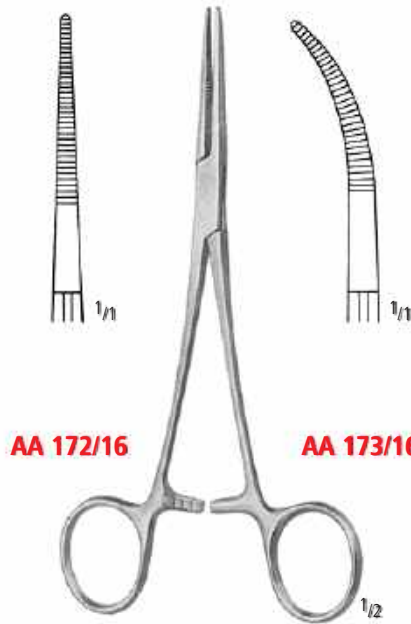
Arterienklemmen
 Artery Forceps
 Pinzas hemostáticas
 Pincas hémostatiques
 Pinze emostatiche



AA 170/14

AA 171/14

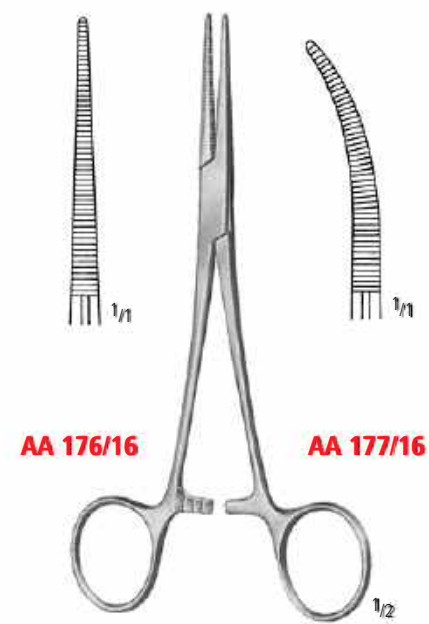
KELLY
 14,0 cm/5½"



AA 172/16

AA 173/16

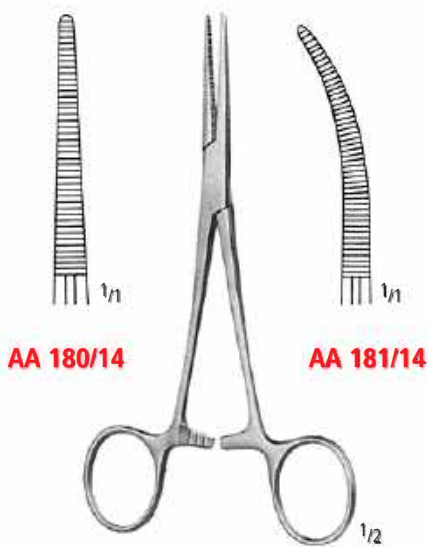
KELLY-RANKIN
 16,0 cm/6¼"



AA 176/16

AA 177/16

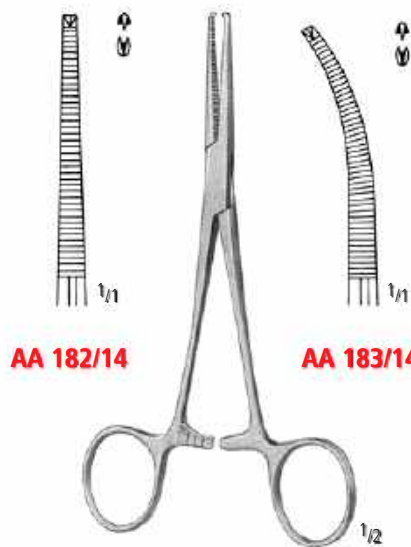
COLLER
AA 176/14 14,0 cm/5½" **AA 177/14**
AA 176/16 16,0 cm/6¼" **AA 177/16**



AA 180/14

AA 181/14

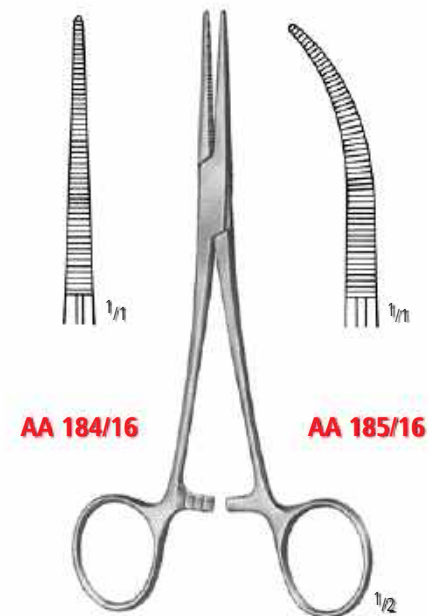
CRILE
 14,0 cm/5½"



AA 182/14

AA 183/14

CRILE 1:2
 14,0 cm/5½"



AA 184/16

AA 185/16

CRILE-RANKIN
 16,0 cm/6¼"

Arterienklemmen
 Artery Forceps
 Pinzas hemostáticas
 Pincas hémostatiques
 Pinze emostatiche

AA

AB

AC

AD

AE

AF

AK

AL

AO

AP

AR

KA

KL

KM

KO

KU

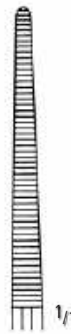
KYE

X



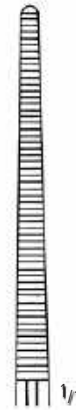
ROCHESTER-PEAN

1/2



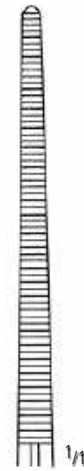
1/1

AA 200/14
 14,0 cm/5 1/2"



1/1

AA 200/16
 16,0 cm/6 1/4"



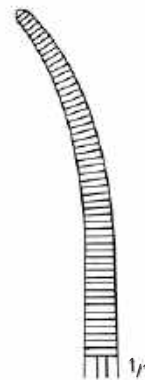
1/1

AA 200/18
 18,0 cm/7"



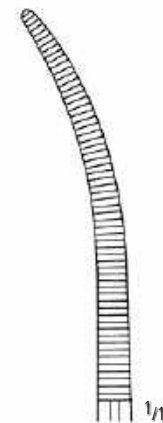
1/1

AA 201/14
 14,0 cm/5 1/2"



1/1

AA 201/16
 16,0 cm/6 1/4"



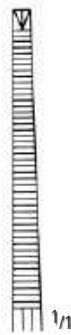
1/1

AA 201/18
 18,0 cm/7"

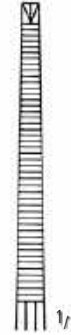
Arterienklemmen
 Artery Forceps
 Pinzas hemostáticas
 Pincas hémostatiques
 Pinze emostatiche



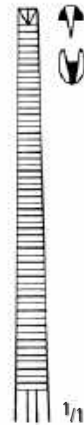
OCHSNER-KOCHER 1:2



AA 210/14
 14,0 cm/5 1/2"



AA 210/16
 16,0 cm/6 1/4"



AA 210/18
 18,0 cm/7"



AA 211/14
 14,0 cm/5 1/2"



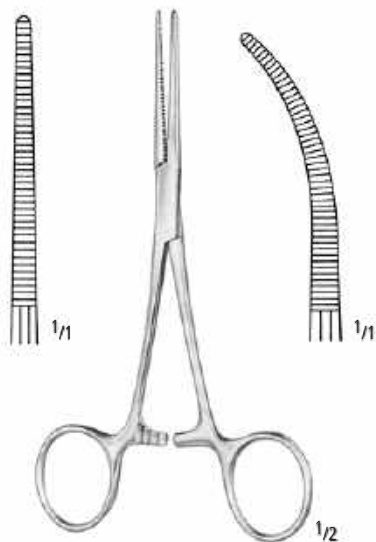
AA 211/16
 16,0 cm/6 1/4"



AA 211/18
 18,0 cm/7"

Grazile Arterienklemmen
 Delicate Artery Forceps
 Pinzas hemostáticas delgadas
 Pincas hémostatiques grâciles
 Pinze emostatiche delicate

AA
 AB
 AC
 AD
 AE
 AF
 AK
 AL
 AO
 AP
 AR
 KA
 KL
 KM
 KO
 KU
 KYE
 X

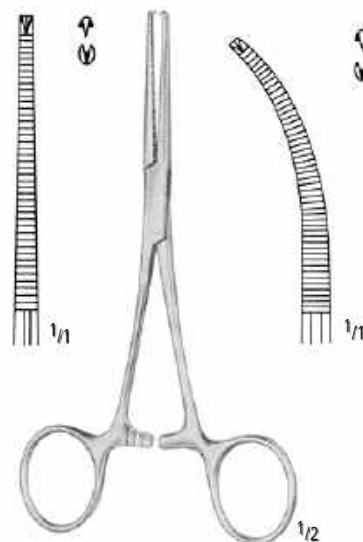


PEAN - DELICATE

- | | |
|------------------|------------------|
| AA 214/13 | AA 215/13 |
| AA 214/14 | AA 215/14 |
| AA 214/16 | AA 215/16 |

- 13,0 cm/5"
 14,0 cm/5 1/2"
 16,0 cm/6 1/4"

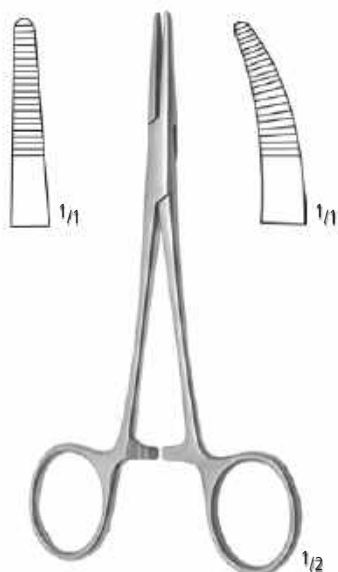
JULES PEAN, born 1830, died 1898, was the most important French gynecological surgeon of his time. He studied at Paris 1860. 1864 Pean was the first surgeon in Paris to perform an ovariectomy. By the use of Pean pins he introduced forceps pressure for control of hemorrhage, thus he invented the most used surgical instrument, next to the scalpel.



KOCHER 1:2 - DELICATE

- | | |
|------------------|------------------|
| AA 216/13 | AA 217/13 |
| AA 216/14 | AA 217/14 |
| AA 216/16 | AA 217/16 |

ALBERT J. OCHSNER, born 1858, died 1925. He devoted much time to attending and participating in medical discussions and was member of all leading societies in his fields.



CAIRNS

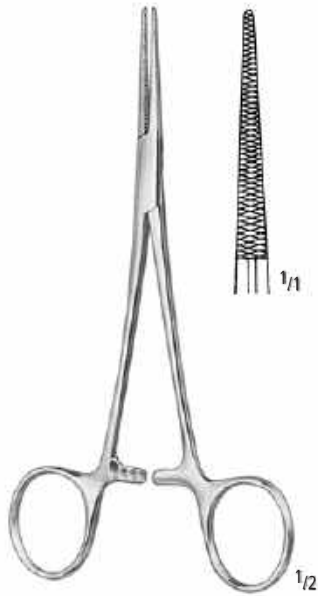
- | | | |
|------------------|-------------------|------------------|
| AA 218/15 | 15,0 cm/6" | AA 219/15 |
|------------------|-------------------|------------------|



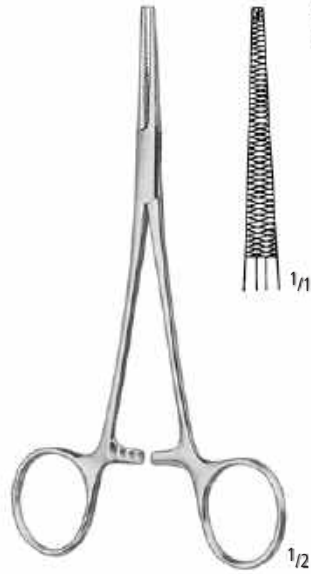
DUNHILL

- | |
|-------------------|
| AA 220/13 |
| 13,0 cm/5" |

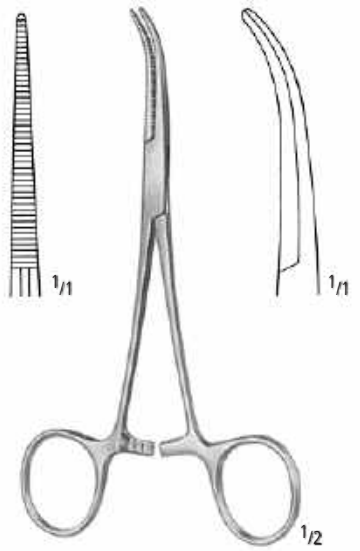
Arterienklemmen, Kopfhautklemmen
 Artery Forceps, Scalp Flap Forceps
 Pinzas hemostáticas, Pinzas hemostáticas para pericráneo
 Pincés hémostatiques, Pincés hémostatiques pour le cuir chevelu
 Pinze emostatiche, Pinze emostatiche per il cuoio capelluto



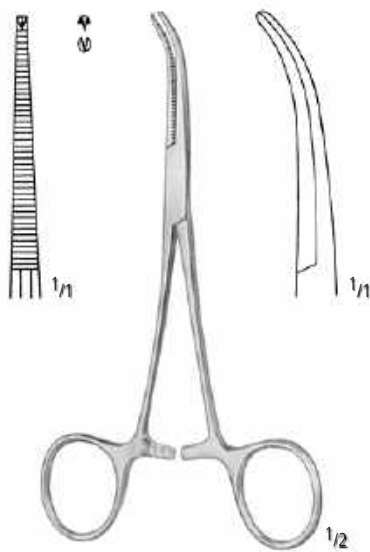
DIXON-LOVELACE
AA 286/15
 15,5 cm/6"



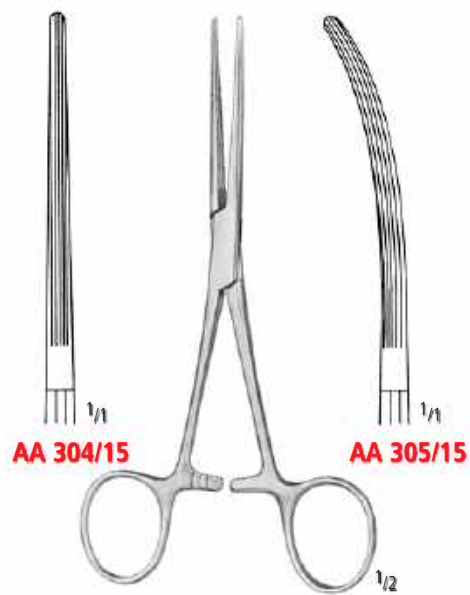
DIXON-LOVELACE 1:2
AA 288/15
 15,5 cm/6"



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



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



BAINBRIDGE
 15,0 cm/6"
 18,5 cm/7 1/3"

AA 304/15
AA 304/18

AA 305/15
AA 305/18

Präparier- und Ligaturklemmen
 Dissecting and Ligature Forceps
 Pinzas para preparaciones y ligaduras
 Pincas à dissection et à ligatures
 Pinze per preparazioni e legature

AA

AB

AC

AD

AE

AF

AK

AL

AO

AP

AR

KA

KL

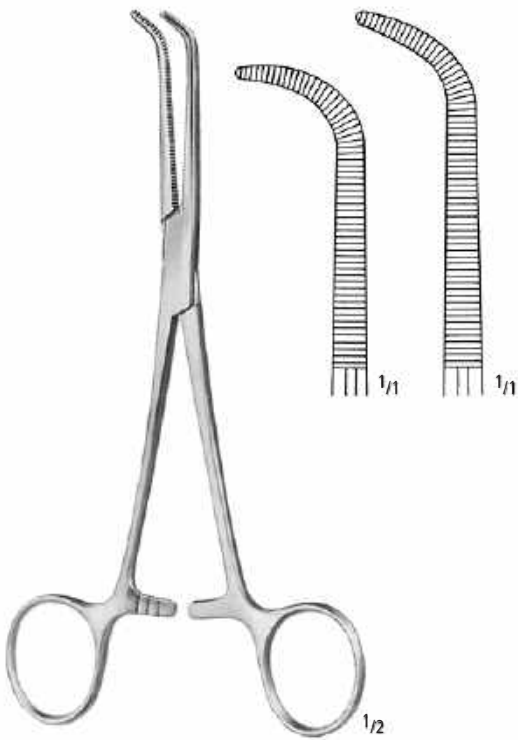
KM

KO

KU

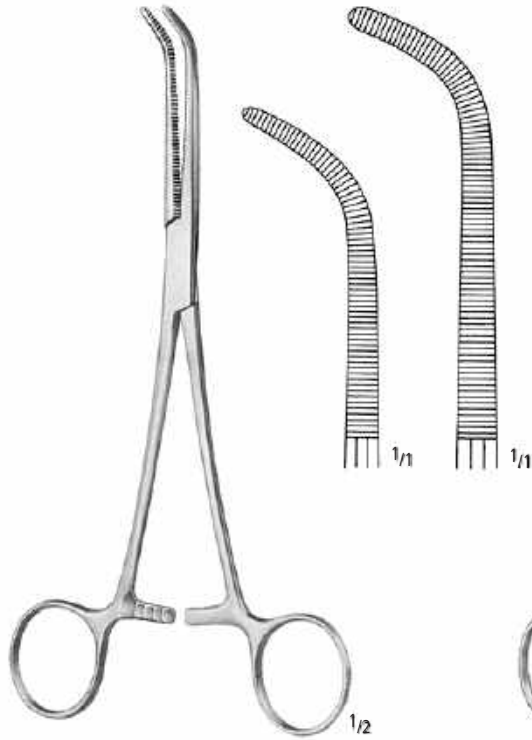
KYE

X



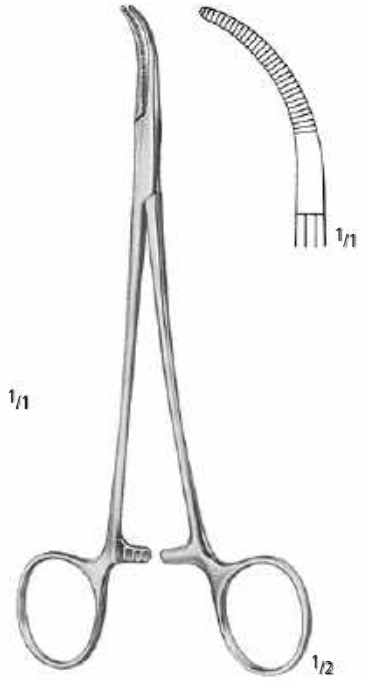
MIXTER
 15,5 cm/6"
 19,0 cm/7½"

AA 345/15
AA 345/19

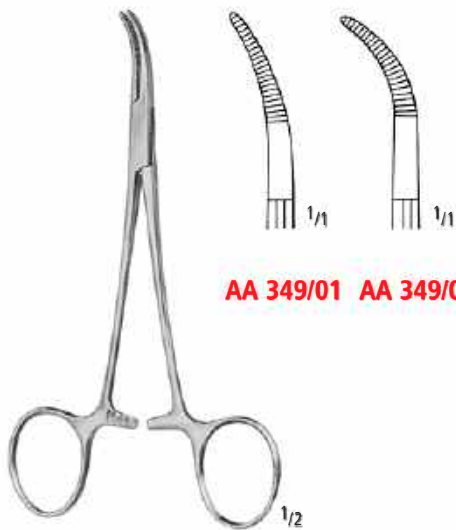


MIXTER-O'SHAUGNESSY
 15,5 cm/6"
 19,0 cm/7½"

AA 347/15
AA 347/19

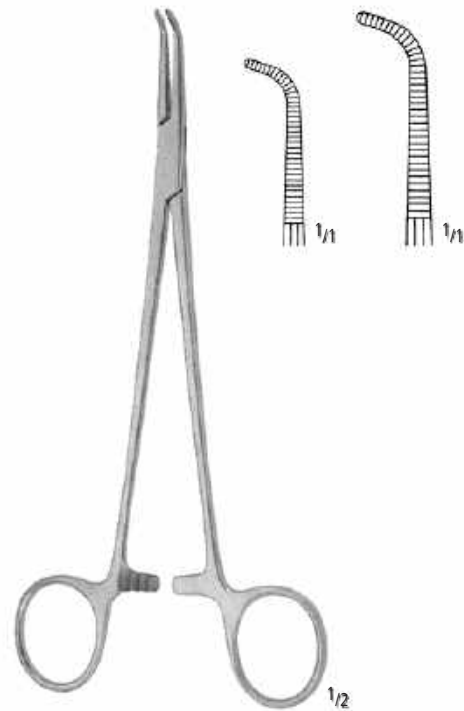


BABY-MIXTER
 AA 348/18
 18,0 cm/7"



AA 349/01 AA 349/02

BABY-MIXTER
 14,0 cm/5½"



GEMINI
 14,0 cm/5½"
 18,0 cm/7"

AA 365/14
AA 365/18

Tuchklemmen
Towel Forceps
Pinzas de campo
Pincas à champs
Pinze per fissare le compresse (Fissatele)



SCHAEDEL
AA 710/09
9,0 cm/3 1/2"



JONES
5,0 cm/2"
9,0 cm/3 1/2" **AA 711/05**
AA 711/09



ENGL. MODELL
AA 717/09
9,0 cm/3 1/2"



DOYEN
AA 721/18
18,0 cm/7"



BERNHARD
AA 726/16
16,5 cm/6 1/2"



LANE
15,0 cm/6"
18,0 cm/7"
20,0 cm/8" **AA 730/15**
AA 730/18
AA 730/20

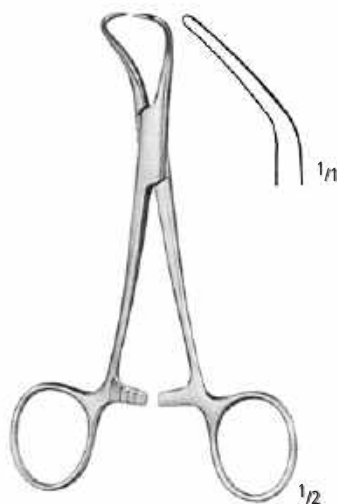
Tuchklemmen
Towel Forceps
Pinzas para compresas, Pinzas de campo
Pinces à champs, Pinces à compresses
Pinze per fissare le compresse (Fissatele)



AA 749/11

11,0 cm/4¹/₃"

- mit Schlauch- oder Kabelhalter
- with clip for tubing or cable
- con porta-tubo o porta-cable
- avec clamp porte-tube ou porte-corton d'alimentation
- con porta tubo o porta cavo



BACKHAUS

8,0 cm/3"

11,0 cm/4¹/₃"

13,0 cm/5"

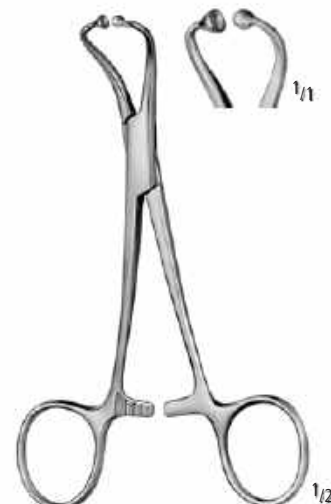
15,0 cm/6"

AA 751/08

AA 751/11

AA 751/13

AA 751/15



BALL & SOCKET

11,0 cm/4¹/₃"

13,0 cm/5"

AA 753/11

AA 753/13

für Papiertücher
for paper tissues
para servilletas de papel
pour serviettes en papier
per tessuti di carta



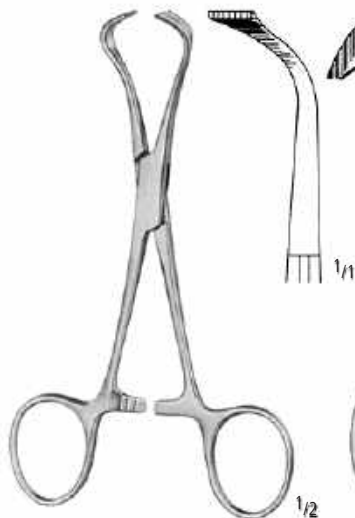
ROEDER

13,0 cm/5"

AA 761/13

15,0 cm/6"

AA 761/15



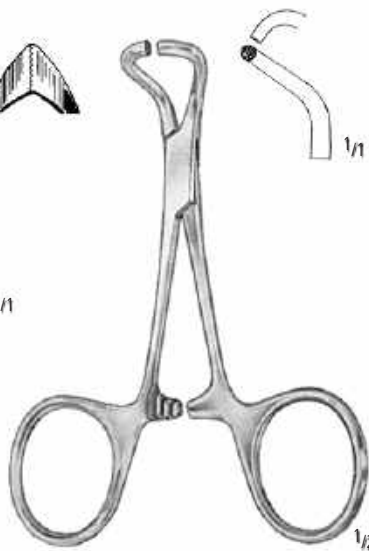
LORNA

10,0 cm/4"

AA 763/10

13,0 cm/5"

AA 763/13



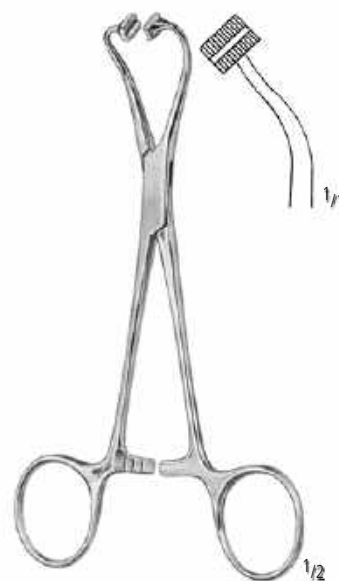
TOHOKU-JAPAN

10,0 cm/4"

AA 764/10

13,0 cm/5"

AA 764/13



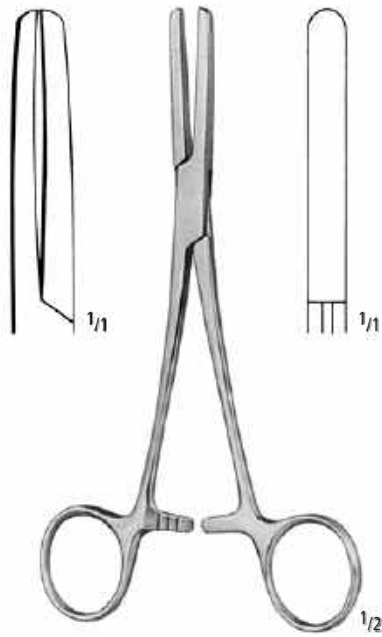
PEERS

AA 765/14

14,5 cm/5³/₄"

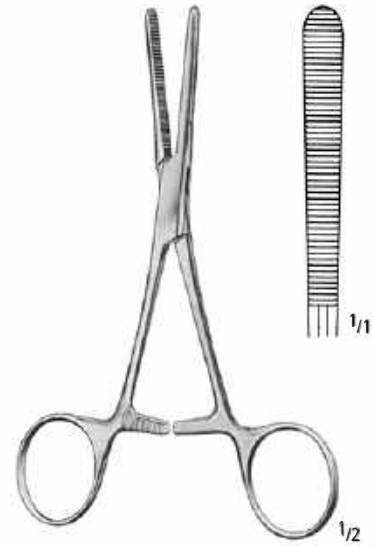
AA
AB
AC
AD
AE
AF
AK
AL
AO
AP
AR
KA
KL
KM
KO
KU
KYE
X

Schlauchklemmen
Tubing Clamps
Pinzas para tubos
Presses-tube
Pinze serratubi



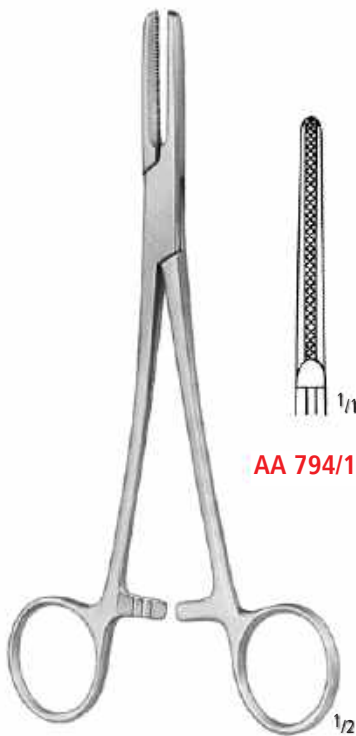
PRESBYTERIAN

16,5 cm/6¹/₂" **AA 790/16**
18,0 cm/7" **AA 790/18**



KLINIKUM BERLIN

AA 792/14
14,5 cm/5³/₄"
mit langer Sperre
with long ratchet
con cremallera larga
à crémaillère extra longue
con cremagliera extra lunga



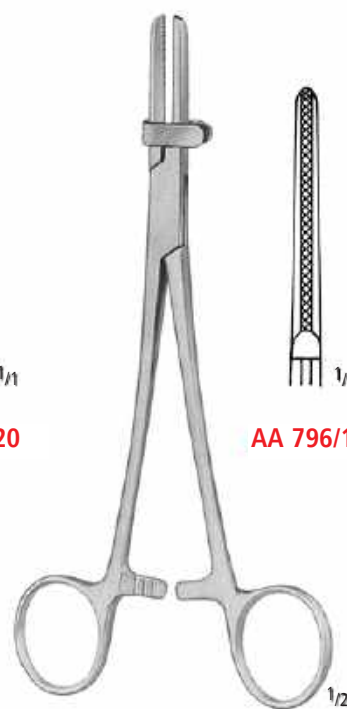
AA 794/15

AA 794/18

AA 794/20

AA 794/15
AA 794/18
AA 794/20

15,5 cm/6"
18,0 cm/7"
20,0 cm/8"



AA 796/15

AA 796/18

AA 796/20

AA 796/15
AA 796/18
AA 796/20

PINZETTEN

FORCEPS

PINZAS

PINCES

PINZE

AB

nopa[®] instruments

Weitere Pinzetten finden Sie in unserem Katalog „Allgemeines Instrumentarium“ in Gruppe AB.

For further forceps kindly refer to our catalogue „General Instruments“, section AB.

Para pinzas adicionales, por favor consulte nuestro catálogo de „Instrumental de uso general“, grupo AB.


Pour des pinces supplémentaires, consultez notre catalogue „Instrumentation Generale“, section AB.

Per gli altri pinze, consultare il nostro catalogo „Strumentazione Generale“, gruppo AB.




AB PINZETTEN FORCEPS PINZAS PINCES PINZE

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



STANDARD

	2,2 mm	2,8 mm	3,0 mm	3,2 mm	3,4 mm	3,6 mm	3,6 mm
	AB 050/10	AB 050/11	AB 050/13	AB 050/14	AB 050/16	AB 050/18	AB 050/20
				10,5 cm/4 ¹ / ₄ "	AB 050/10		
				11,5 cm/4 ¹ / ₂ "	AB 050/11		
				13,0 cm/5"	AB 050/13		
				14,5 cm/5 ³ / ₄ "	AB 050/14		
				16,0 cm/6 ¹ / ₄ "	AB 050/16		
				18,0 cm/7"	AB 050/18		
				20,0 cm/8"	AB 050/20		



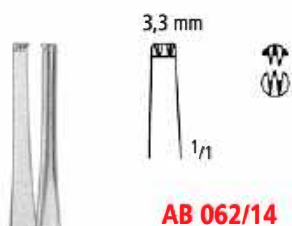
1:2 STANDARD

	2,4 mm	2,5 mm	2,6 mm	2,8 mm	3,4 mm	3,4 mm	3,6 mm
	AB 060/10	AB 060/11	AB 060/13	AB 060/14	AB 060/16	AB 060/18	AB 060/20
				10,5 cm/4 ¹ / ₄ "	AB 060/10		
				11,5 cm/4 ¹ / ₂ "	AB 060/11		
				13,0 cm/5"	AB 060/13		
				14,5 cm/5 ³ / ₄ "	AB 060/14		
				16,0 cm/6 ¹ / ₄ "	AB 060/16		
				18,0 cm/7"	AB 060/18		
				20,0 cm/8"	AB 060/20		

PINZETTEN FORCEPS PINZAS PINCES PINZE

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

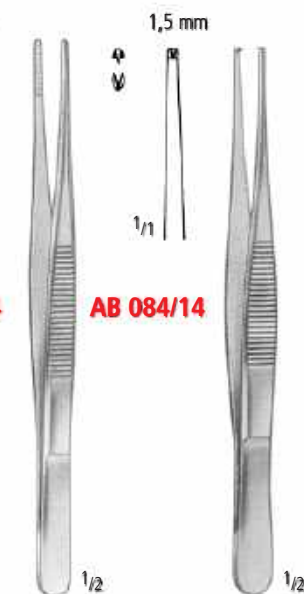
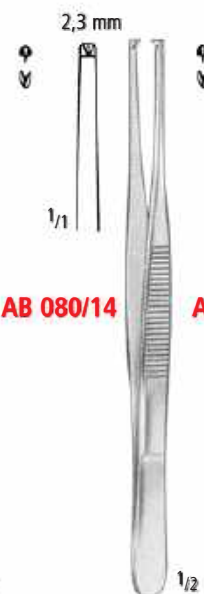
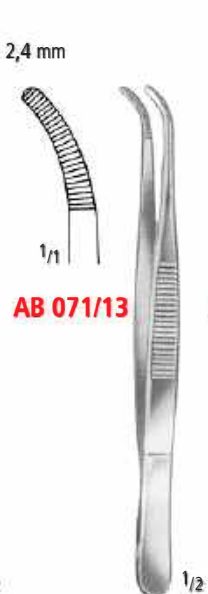
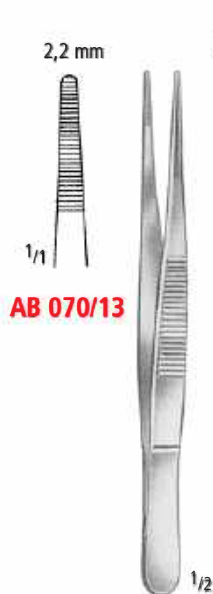
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2:3
 13,0 cm/5"
 14,5 cm/5³/₄"
 16,0 cm/6¹/₄"
 18,0 cm/7"
 20,0 cm/8"

3:4
AB 064/13
AB 064/14
AB 064/16

4:5
AB 066/13
AB 066/14
AB 066/16



1:2 **1:2**

schmal - narrow - estrechas - étroites - strette

fein - delicate - finas - fines - fine

10,5 cm/4¹/₄"
 11,5 cm/4¹/₂"
 13,0 cm/5"
 14,5 cm/5³/₄"
 16,0 cm/6¹/₄"
 18,0 cm/7"
 20,0 cm/8"

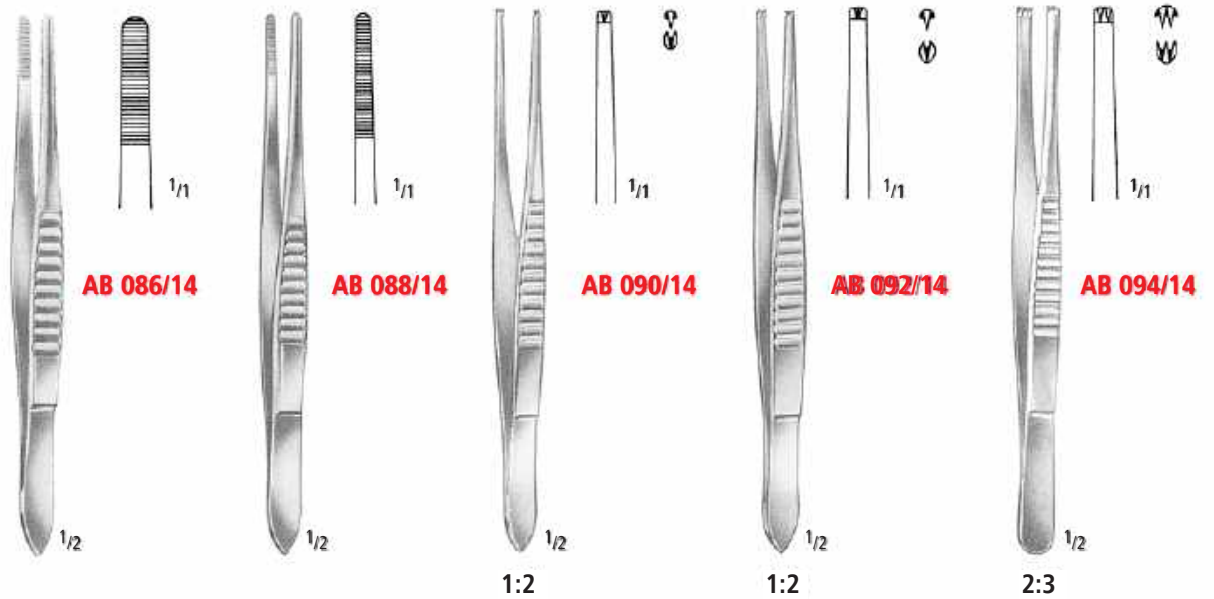
AB 070/10	AB 071/10	AB 080/10	AB 081/10
AB 070/11	AB 071/11	AB 080/11	AB 081/11
AB 070/13	AB 071/13	AB 080/13	AB 081/13
AB 070/14	AB 071/14	AB 080/14	AB 081/14
AB 070/16	AB 071/16	AB 080/16	AB 081/16
AB 070/18	AB 071/18	AB 080/18	AB 081/18
AB 070/20	AB 071/20	AB 080/20	AB 081/20

AB 083/13 **AB 084/13**
AB 083/14 **AB 084/14**

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

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

MODELL USA



schmal - narrow - estrechas - étroites - strette

12,0 cm/4³/₄"
 13,0 cm/5"
 14,5 cm/5³/₄"
 15,5 cm/6"
 18,0 cm/7"

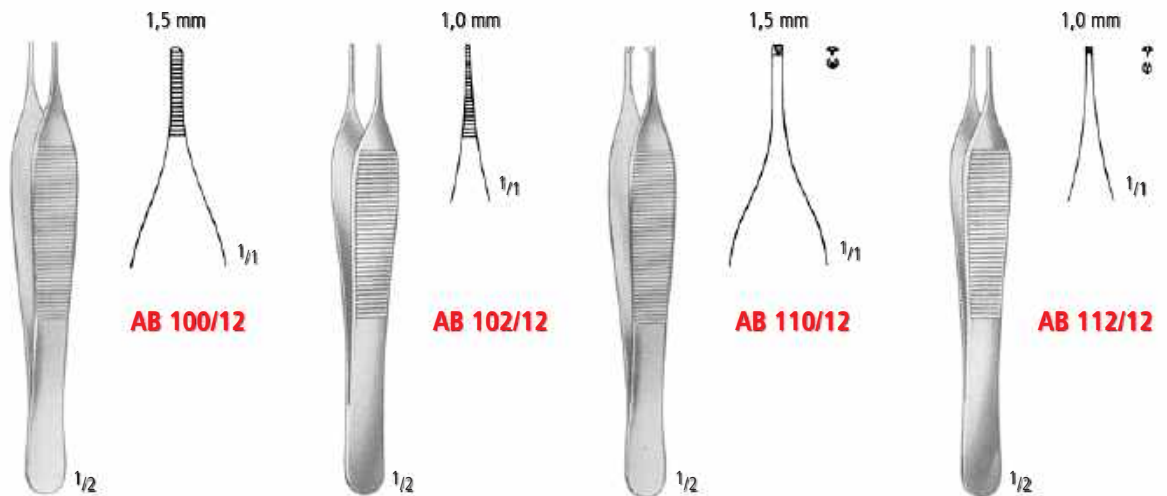
AB 086/12
AB 086/13
AB 086/14
AB 086/15
AB 086/18

AB 088/12
AB 088/13
AB 088/14
AB 088/15

AB 090/13
AB 090/14
AB 090/15

AB 092/12
AB 092/13
AB 092/14
AB 092/15
AB 092/18

AB 094/12
AB 094/13
AB 094/14
AB 094/15
AB 094/18



12,0 cm/4³/₄"
 15,0 cm/6"

ADSON
AB 100/12
AB 100/15

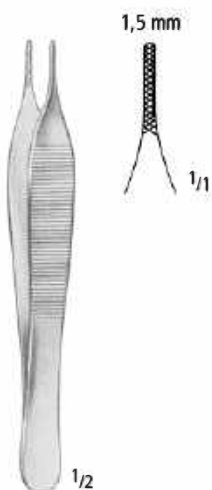
MICRO-ADSON
AB 102/12
AB 102/15

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

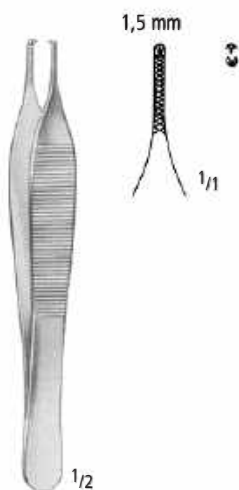
MICRO-ADSON 1:2
AB 112/12
AB 112/15

PINZETTES FORCEPS PINZAS PINCES PINZE

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



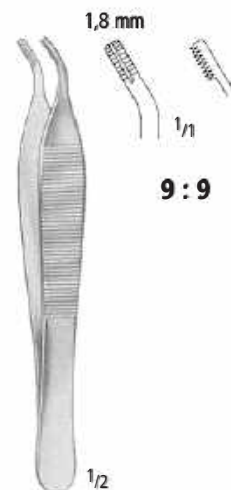
ADSON
AB 114/12
 12,0 cm/4³/₄"



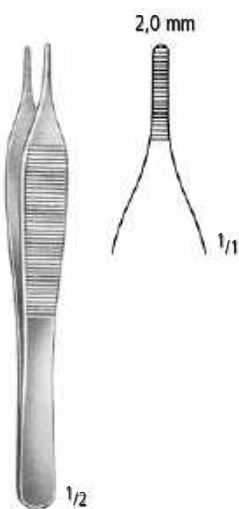
ADSON 1:2
AB 115/12
 12,0 cm/4³/₄"



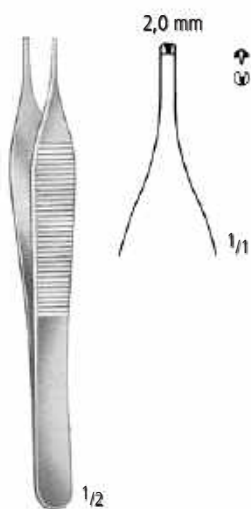
ADSON-BROWN
 12,0 cm/4³/₄"



ADSON-BROWN
AB 117/09
 12,0 cm/4³/₄"



EWALD
AB 118/01
 12,0 cm/4³/₄"



EWALD 1:2
AB 118/02
 12,0 cm/4³/₄"



McINDOE
AB 119/15
 15,0 cm/6"



SEMKEN
AB 120/12 12,5 cm/5"
AB 120/15 15,5 cm/6"

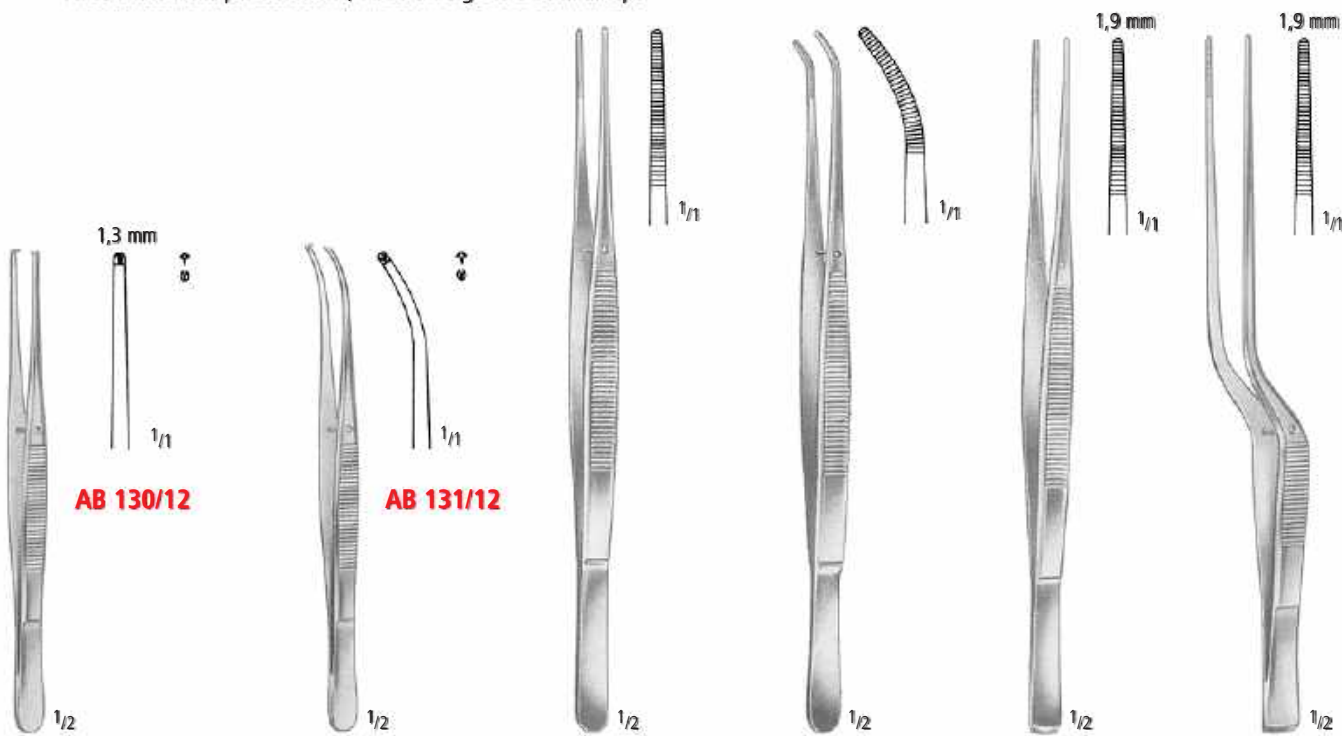


SEMKEN
AB 121/12 12,5 cm/5"
AB 121/15 15,5 cm/6"

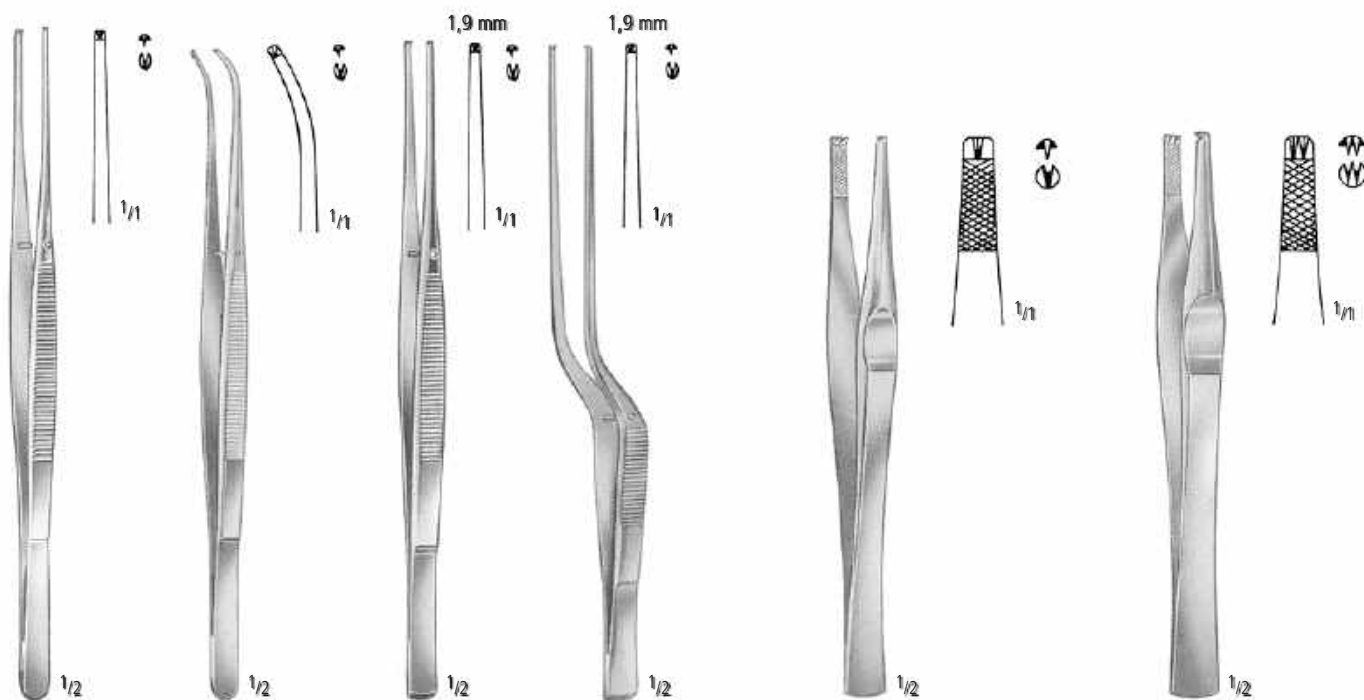
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AB PINZETTEN FORCEPS PINZAS PINCES PINZE

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



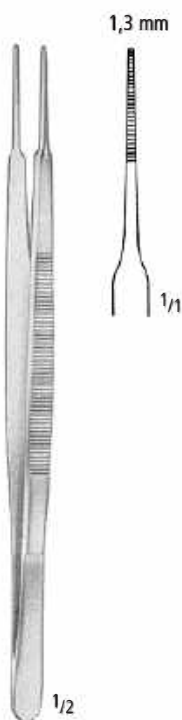
AB 130/12 AB 130/15	SEMKEN 1:2 12,5 cm/5" 15,5 cm/6"	AB 131/12 AB 131/15	TAYLOR AB 140/17 17,5 cm/7"	TAYLOR AB 141/17 17,5 cm/7"	TAYLOR AB 142/17 17,5 cm/7"	TAYLOR AB 143/17 17,5 cm/7"
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TAYLOR 1:2 AB 150/17 17,5 cm/7"	TAYLOR 1:2 AB 151/17 17,5 cm/7"	TAYLOR 1:2 AB 152/17 17,5 cm/7"	TAYLOR 1:2 AB 153/17 17,5 cm/7"	LANE 1:2 AB 156/14 AB 156/20 14,5 cm/5 ³ / ₄ " 20,0 cm/8"	LANE 2:3 AB 158/14 AB 158/20
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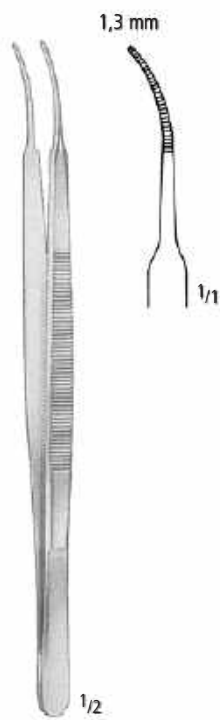
PINZETTEN FORCEPS PINZAS PINCES PINZE

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

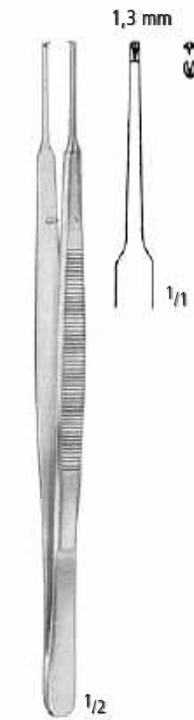


GERALD
AB 160/18

18,0 cm/7"

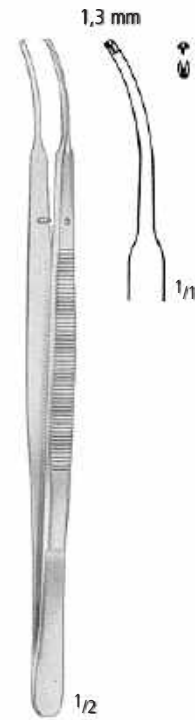


GERALD
AB 161/18



GERALD 1:2
AB 170/18

18,0 cm/7"



GERALD 1:2
AB 171/18



CUSHING
AB 180/17

17,5 cm/7"



CUSHING
AB 181/17



CUSHING 1:2
AB 190/17

17,5 cm/7"

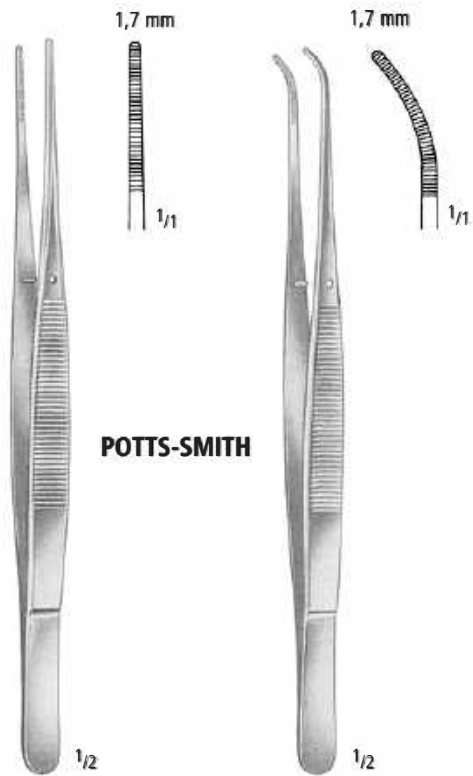


CUSHING 1:2
AB 191/17

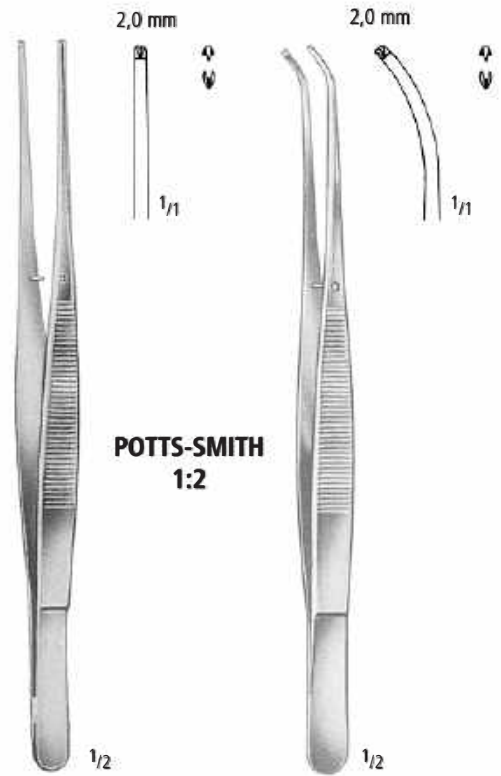
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AB PINZETTEN FORCEPS PINZAS PINCES PINZE

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



POTTS-SMITH



**POTTS-SMITH
1:2**

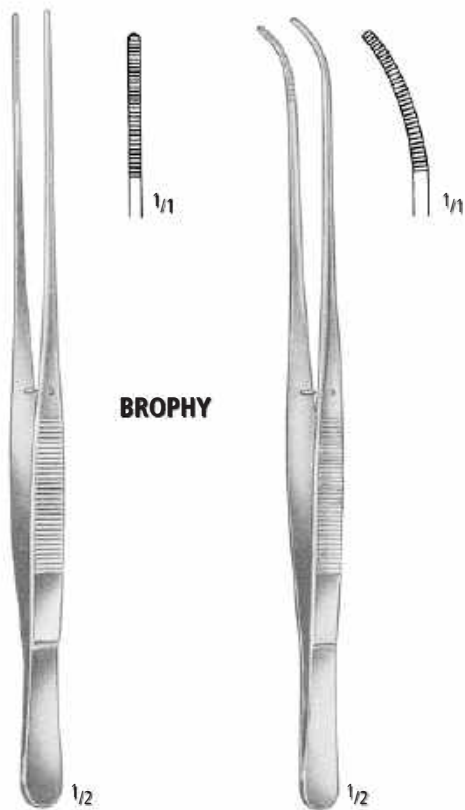
18,0 cm/7"

AB 200/18

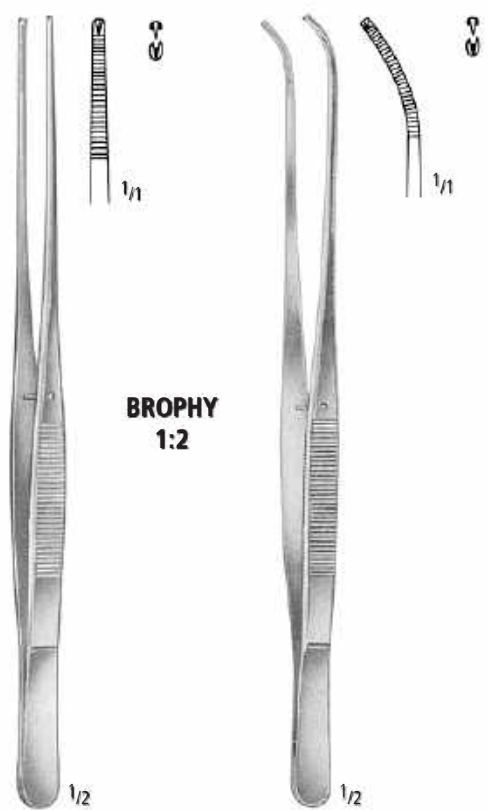
AB 201/18

AB 210/18

AB 211/18



BROPHY



**BROPHY
1:2**

20,0 cm/8"

AB 250/20

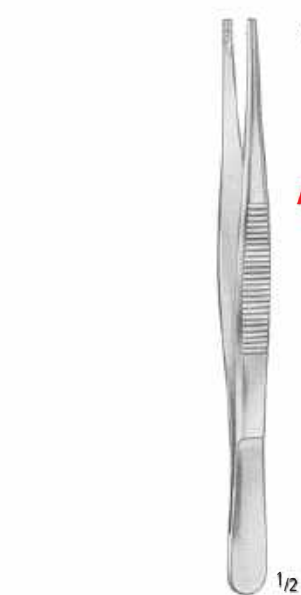
AB 251/20

AB 260/20

AB 261/20

PINZETTEN FORCEPS PINZAS PINCES PINZE

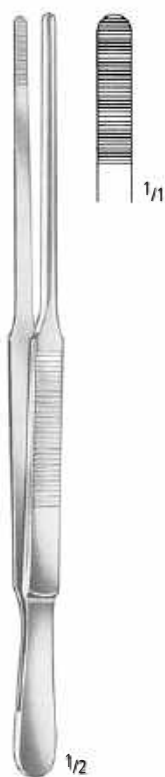
Anatomische Pinzetten, Chirurgische Pinzetten
 Dressing Forceps, Tissue Forceps
 Pinzas de disección, Pinzas de disección con dientes
 Pincés à dissection, Pincés à griffes
 Pinze anatomiche per dissezione, Pinze chirurgiche a denti di topo



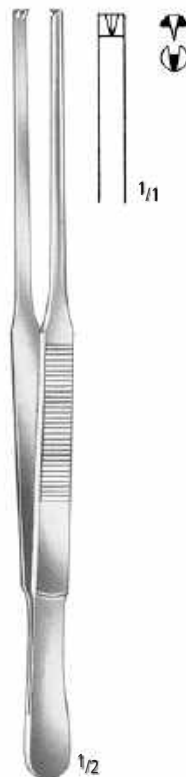
AB 270/15

15,0 cm/6"
 20,0 cm/8"

BROWN
AB 270/15
AB 270/20



DUEHRSSSEN
AB 290/20



DUEHRSSSEN 1:2
AB 292/20



DUEHRSSSEN 2:3
AB 294/20

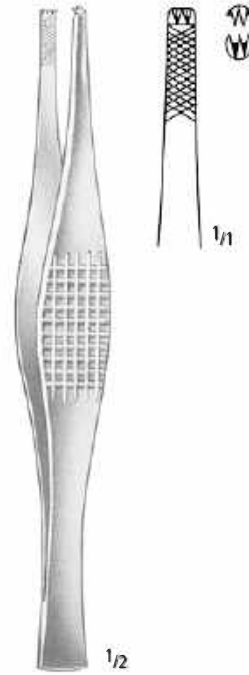
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 KYE
 X

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

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

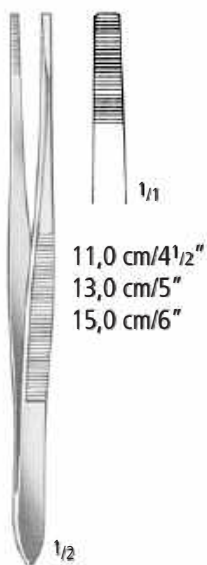


AB 316/20



FERRIS-SMITH 2:3
AB 320/18
 18,0 cm/7"

STILLE-BARRAYA 3:4
 18,0 cm/7" **AB 316/18**
 20,0 cm/8" **AB 316/20**



STILLE
AB 370/11
AB 370/13
AB 370/15



STILLE 1:2
AB 380/15
 15,0 cm/6"



STILLE 2:3
AB 382/15
 15,0 cm/6"



2:3
AB 400/15

15,0 cm/6" **AB 400/15**
 20,0 cm/8" **AB 400/20**



4:5
AB 404/15

AB 404/15
AB 404/20

ADLERKREUTZ

PINZETTEN FORCEPS PINZAS PINCES PINZE

Chirurgische Pinzetten, Fasspinzetten
 Tissue Forceps, Grasping Forceps
 Pinzas de disección con dientes, Pinzas para coger
 Pincers à griffes, Pincers pour saisir les tissus
 Pinze chirurgiche a denti di topo, Pinze per afferrare tessuti

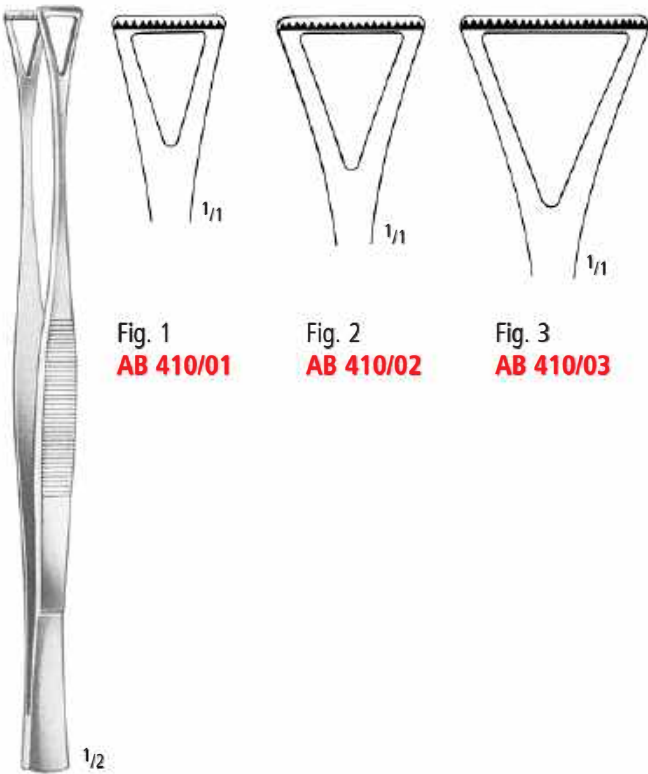
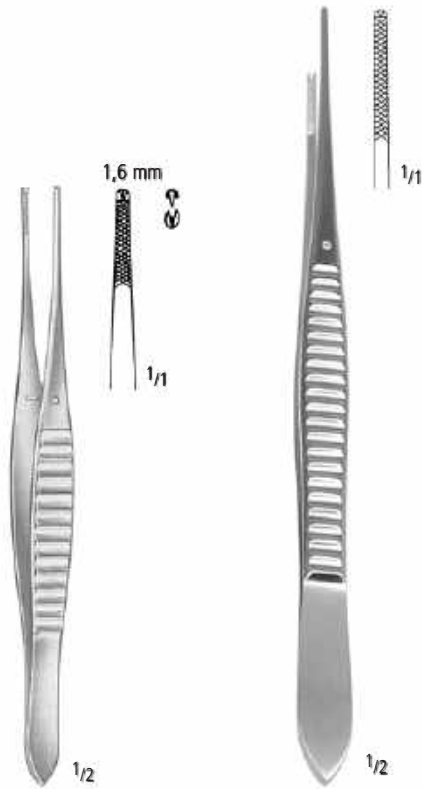


Fig. 1
AB 410/01

Fig. 2
AB 410/02

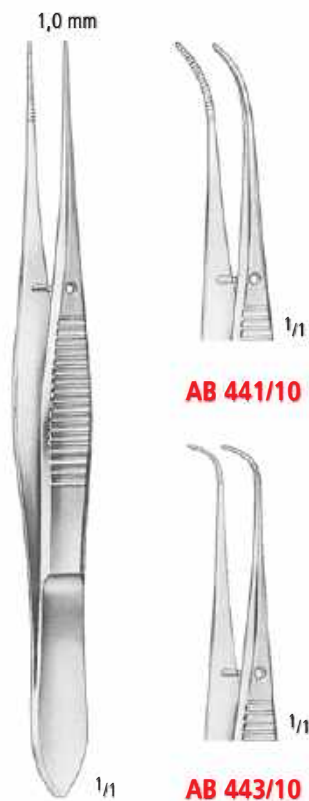
Fig. 3
AB 410/03



GILLIES 1:2
AB 430/15
 15,0 cm/6"

WAUGH 1:2
AB 434/20
 20,5 cm/8"

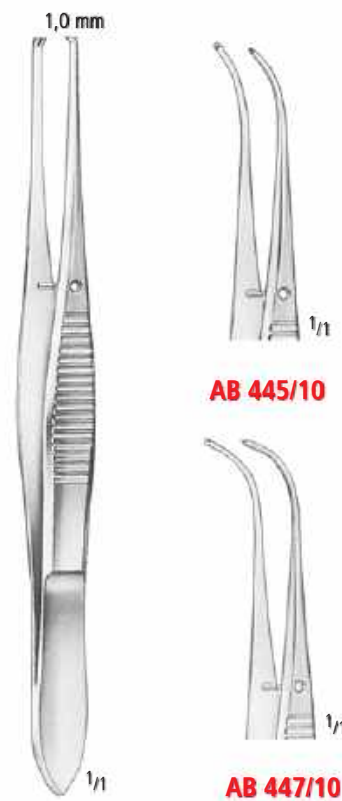
COLLIN-DUVAL
 20,0 cm/8"



AB 440/10
 10,5 cm/4 1/4"

AB 441/10

AB 443/10



1:2
AB 444/10
 10,5 cm/4 1/4"

AB 445/10

AB 447/10

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AB PINZETTEN FORCEPS PINZAS PINCES PINZE

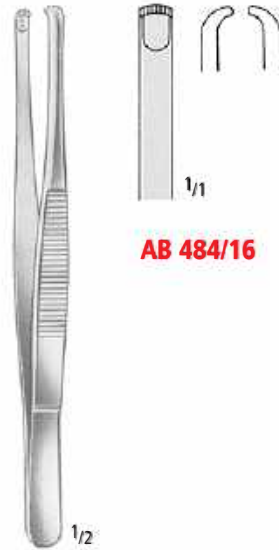
Chirurgische Pinzetten, Fasspinzetten
 Tissue Forceps, Grasping Forceps
 Pinzas de disección con dientes, Pinzas para coger
 Pincés à griffes, Pincés pour saisir les tissus
 Pinze chirurgiche a denti di topo, Pinze per afferrare tessuti



AB 480/15

RUSS. MODELL
 15,0 cm/6"
 20,0 cm/8"

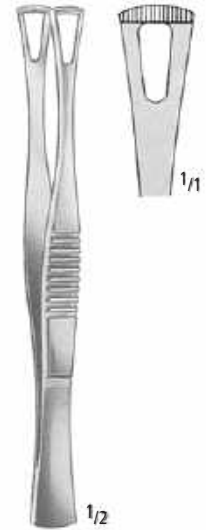
AB 480/15
AB 480/20



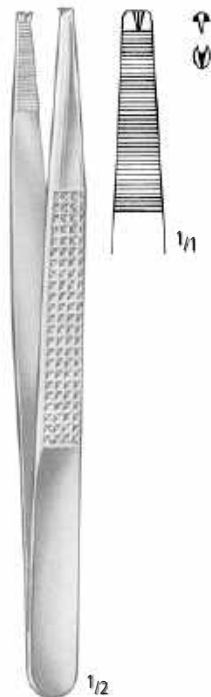
AB 484/16

DURANTE
 14,5 cm/5³/₄"
 16,0 cm/6¹/₄"
 20,0 cm/8"

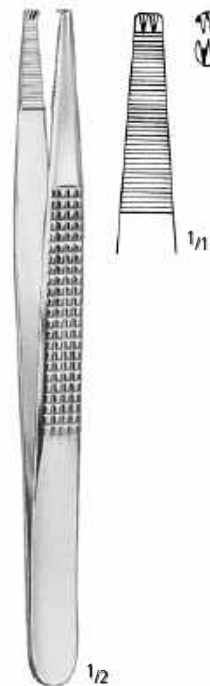
AB 484/14
AB 484/16
AB 484/20



DUVAL
AB 486/14
 14,5 cm/5³/₄"












BONNEY 1:2
AB 490/18
 18,0 cm/7"



BONNEY 2:3
AB 492/18
 18,0 cm/7"

PINZETTEN FORCEPS PINZAS PINCES PINZE

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

	1/1	No. 1	AB 501/01 12,0 cm/4 ³ / ₄ "
	1/1	No. 2	AB 501/02 12,0 cm/4 ³ / ₄ "
	1/1	No. 3	AB 501/03 12,0 cm/4 ³ / ₄ "
	1/1	No. 4	AB 501/04 11,0 cm/4 ¹ / ₃ "
	1/1	No. 5	AB 501/05 11,0 cm/4 ¹ / ₃ "
	1/1	No. 5a	AB 501/15 11,0 cm/4 ¹ / ₃ "
	1/1	No. 5/45°	AB 501/45 10,5 cm/4 ¹ / ₄ "
	1/1	No. 5/90°	AB 501/90 10,5 cm/4 ¹ / ₄ "
	1/1	No. 7	AB 502/07 11,5 cm/4 ¹ / ₂ "

AA

AB

AC

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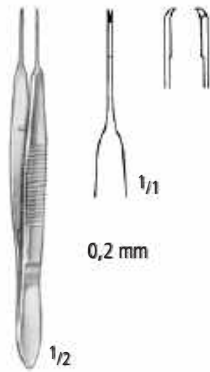
KU

KYE

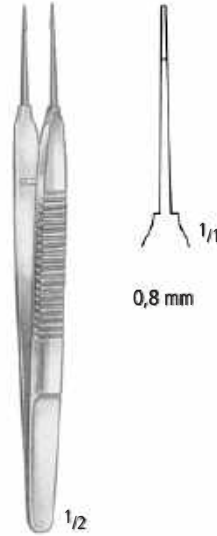
X

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

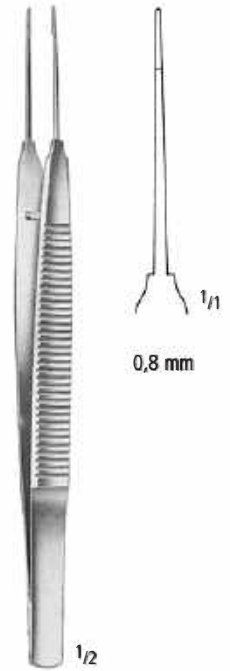
Mikro-Pinzetten, Knüpfpinzetten mit Plateau
 Micro Forceps, Suture Tying Forceps with platform
 Micro-Pinzas, Pinzas de ligadura con plataforma
 Micro-Pinces, Pinces à ligature avec plate-forme
 Micro-Pinze, Pinze per ligature con piattaforma



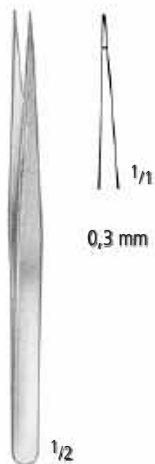
1:2
AB 530/09
 9,5 cm/3³/₄"



AUSTIN
AB 532/14
 14,0 cm/5¹/₂"



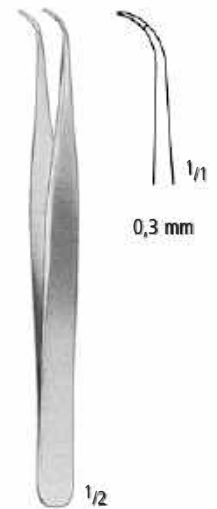
AUSTIN
AB 532/18
 18,0 cm/7"



AB 534/12
 12,0 cm/4³/₄"



VISE
AB 534/13
 13,5 cm/5¹/₄"



VISE
AB 535/13
 13,5 cm/5¹/₄"

PINZETTEN FORCEPS PINZAS PINCES PINZE

Mikro-Pinzetten, Knüpfpinzetten mit Plateau, Gefäßdilator
 Micro Forceps, Suture Tying Forceps with platform, Vessel Dilator
 Micro-Pinzas, Pinzas de ligadura con plataforma, Dilatador para vasos
 Micro-Pinces, Pinces à ligature avec plate-forme, Dilatateur pour vaisseaux
 Micro-Pinze, Pinze per ligature con piattaforma, Dilatatore per vasi



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



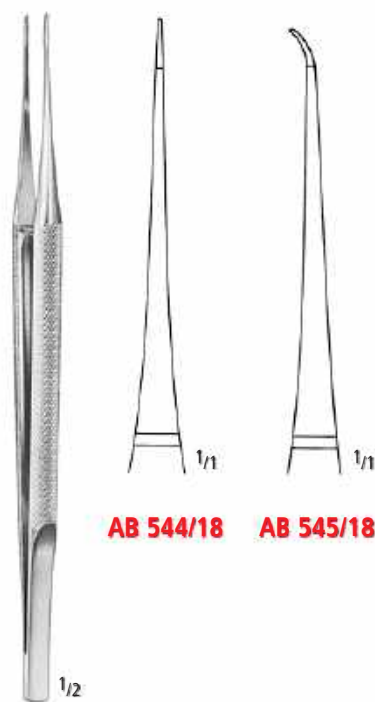
1:2
AB 538/14
 14,0 cm/5 1/2"



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

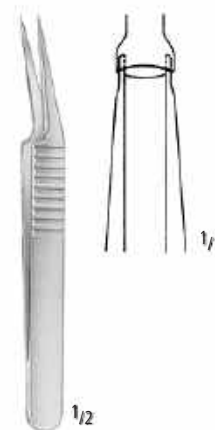


12,0 cm/4 3/4"
 15,0 cm/6"
AB 542/12 **AB 543/12**
AB 542/15 **AB 543/15**



18,0 cm/7"

AB 544/18 **AB 545/18**



AB 546/11
 11,0 cm/4 1/3"

AA
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 KM
 KO
 KU
 KYE
 X

Splitter-Pinzetten
 Splinter Forceps
 Pinzas para espinas
 Pincas à échardes
 Pinze per schegge



AB 550/11

1/1

FEILCHENFELD

- 7,5 cm/3" **AB 550/07**
- 9,0 cm/3 1/2" **AB 550/09**
- 11,5 cm/4 1/2" **AB 550/11**



1/1

HUNTER

- AB 552/10**
- 10,5 cm/4 1/4"



1/1

HUNTER

- AB 553/10**
- 10,5 cm/4 1/4"

PINZETTEN FORCEPS PINZAS PINCES PINZE

Splitter-Pinzetten
 Splinter Forceps
 Pinzas para espinas
 Pincès à échardes
 Pinze per schegge

ohne Führungsstift
 without guide pin
 sin espiga de guía
 sans repères
 senza perno da guida

8,0 cm/3"
 9,0 cm/3 1/2"
 10,5 cm/4 1/4"
 11,5 cm/4 1/3"
 12,5 cm/5"
 14,5 cm/5 3/4"



AB 562/10

AB 562/08
AB 562/09
AB 562/10
AB 562/11
AB 562/12
AB 562/14



AB 563/10

AB 563/08
AB 563/09
AB 563/10
AB 563/11
AB 563/12
AB 563/14

mit Führungsstift
 with guide pin
 con espiga de guía
 avec repères
 con perno da guida

10,5 cm/4 1/4"
 11,5 cm/4 1/2"
 12,5 cm/5"
 14,5 cm/5 3/4"



AB 566/10

AB 566/10
AB 566/11
AB 566/12
AB 566/14



AB 567/10

AB 567/10
AB 567/11
AB 567/12
AB 567/14

AA
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 KM
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 KU
 KYE
 X

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

Splitter-Pinzetten
 Splinter Forceps
 Pinzas para espinas
 Pincès à échardes
 Pinze per schegge



AB 570/13

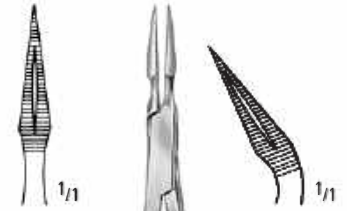
AB 571/13



STIEGLITZ
 13,5 cm/5 1/4"

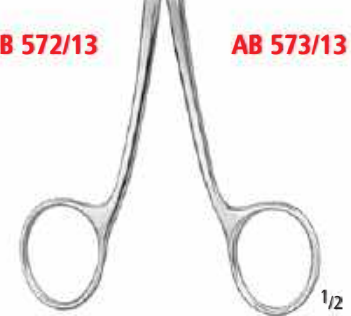


STIEGLITZ
AB 571/90
 13,5 cm/5 1/4"

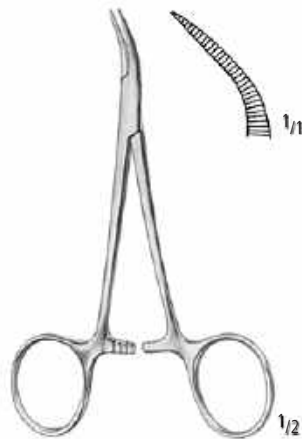


AB 572/13

AB 573/13



STIEGLITZ
 13,5 cm/5 1/4"

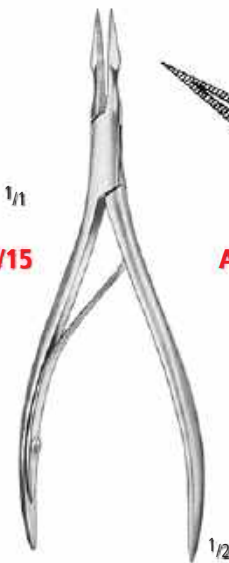


PEET
AB 580/11
 11,5 cm/4 1/2"



AB 582/15

AB 583/15



RALK
 15,0 cm/6"

PINZETTEN FORCEPS PINZAS PINCES PINZE

Cilienpinzetten
Cilia Forceps
Pinzas depilatorias
Pincas à épiler les cils
Pinze depilatorie



LITTAUER
AB 620/08
8,5 cm/3 1/3"



AB 621/09
9,0 cm/3 1/2"



DOUGLAS
AB 624/09
9,0 cm/3 1/2"



BEER
AB 626/09
9,0 cm/3 1/2"



ZIEGLER
AB 628/09
9,0 cm/3 1/2"

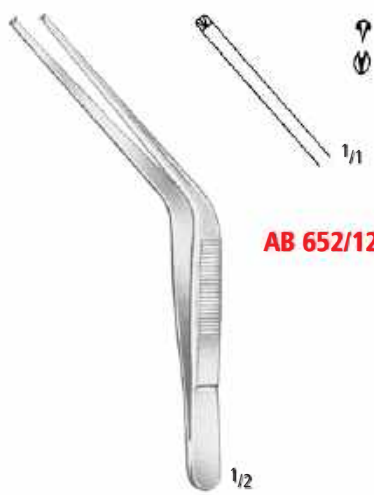
AA
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AB PINZETTEN FORCEPS PINZAS PINCES PINZE

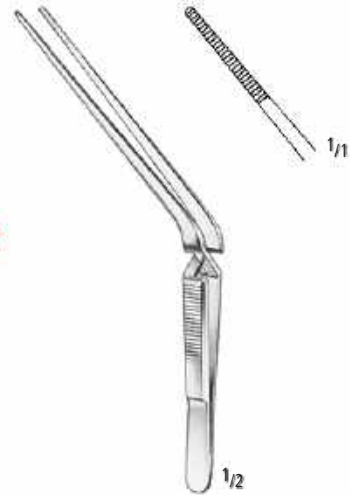
Ohr- und Nasenpinzetten
 Ear and Nose Dressing Forceps
 Pinzas auriculares y nasales
 Pincès auriculaires et nasales
 Pinze auricolare e nasale



AB 650/11



AB 652/12



TROELTSCH (WILDE)

Mod. Jalasvirta

AB 654/11

AB 654/13

11,0 cm/4¹/₃"

13,0 cm/5"

11,0 cm/4¹/₃"
 12,0 cm/4³/₄"
 15,0 cm/6"
 18,0 cm/7"

TROELTSCH (WILDE)

AB 650/11

AB 650/12

AB 650/15

AB 650/18

TROELTSCH (WILDE) 1:2

AB 652/12

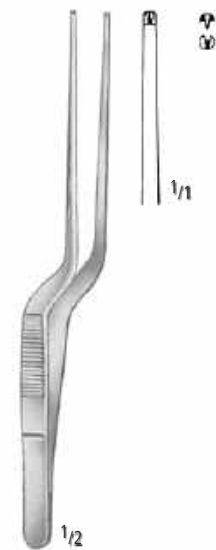
AB 652/15

AB 652/18



LUCAE
AB 656/14

14,0 cm/5¹/₂"



LUCAE 1:2
AB 658/14

14,0 cm/5¹/₂"



AB 660/18

JANSEN

16,0 cm/6¹/₄"

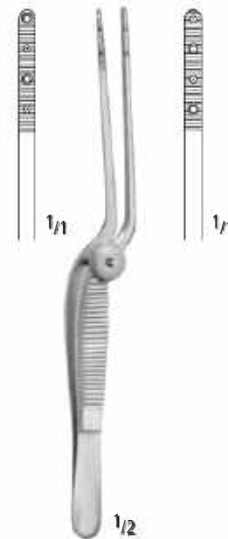
18,0 cm/7"

20,0 cm/8"

AB 660/16

AB 660/18

AB 660/20



COTTLE
AB 665/14

14,0 cm/5¹/₂"



GRUENWALD (JANSEN)

AB 690/20

20,0 cm/8"

PINZETTEN FORCEPS PINZAS PINCES PINZE

Fixierpinzetten, Nahtpinzetten
 Fixation Forceps, Suture Forceps
 Pinzas de fijación, Pinzas para sutura
 Pincés à fixer, Pincés pour sutures
 Pinze fissatrice, Pinze per sutura



ST. MARTIN 1:2
AB 812/07
 7,0 cm/2¾"



AB 816/01

0,12 mm
 0,30 mm
 0,50 mm
 1,00 mm
 1,50 mm

AB 816/01
AB 816/03
AB 816/05
AB 816/10
AB 816/15

CASTROVIEJO 1:2
 10,0 cm/4"



AB 817/01

AB 817/01
AB 817/03
AB 817/05
AB 817/10
AB 817/15

CASTROVIEJO 1:2
 10,0 cm/4"



AB 819/01

McPHERSON
 10,0 cm/4"



AB 819/02



KELMAN-McPHERSON 1:2
AB 820/10
 10,0 cm/4"

10 x
 0,3 mm

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

Nahtpinzetten
Suture Forceps
Pinzas para sutura
Pincès pour sutures
Pinze per sutura



BONACCOLTO
AB 824/01
10,0 cm/4"



BONACCOLTO
AB 824/02
10,0 cm/4"



10 x
0,12 mm

AB 825/01



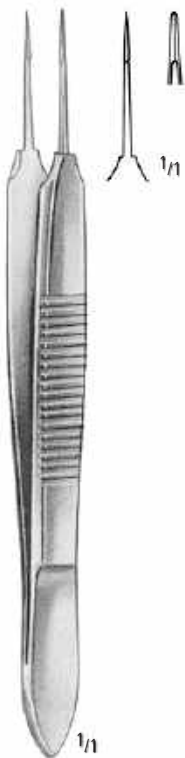
1/1



1/1



MOD. BONN
10,0 cm/4"



MOD. TÜBINGEN
AB 826/10
10,0 cm/4"



PAUFIQUE 1:2
AB 828/10
10,0 cm/4"

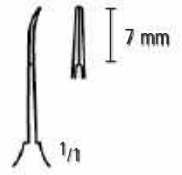


HARMS
AB 829/01
10,0 cm/4"



7 mm

1/1



7 mm

1/1



HARMS
AB 829/02
10,0 cm/4"

PINZETTEN FORCEPS PINZAS PINCES PINZE

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



1/2

DE BAKAY



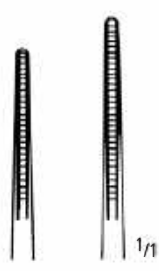
1,5 mm

AB 860/16 = 16,0 cm/6¹/₄"
AB 860/20 = 20,0 cm/8"



1/2

DE BAKAY



2,0 mm

AB 862/16 = 16,0 cm/6¹/₄"
AB 862/20 = 20,0 cm/8"



1/2

DE BAKAY



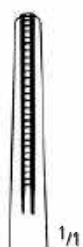
2,8 mm

AB 864/16 = 16,0 cm/6¹/₄"
AB 864/20 = 20,0 cm/8"



1/2

DE BAKAY



3,5 mm

AB 866/20 = 20,0 cm/8"



1/2

DE BAKAY



2,0 mm

AB 869/16 = 16,0 cm/6¹/₄"
AB 869/20 = 20,0 cm/8"

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AB PINZETTEN FORCEPS PINZAS PINCES PINZE

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

nopa[®]
TUC



AB 880/15
 15,0 cm/6"



AB 880/18
 18,0 cm/7"



AB 880/20
 20,0 cm/8"



AB 882/14
 14,0 cm/5 1/2"



AB 882/16
 16,0 cm/6 1/4"



AB 882/18
 18,0 cm/7"



AB 882/20
 20,0 cm/8"



POTTS-SMITH

OEHLER 1:2



SEMKEN
AB 890/12 12,5 cm/5"
AB 890/15 15,5 cm/6"



AB 890/12



GILLIES 1:2
AB 900/15
 15,0 cm/6"



JEWELER
AB 902/15
 15,0 cm/6"



PINZETTEN FORCEPS PINZAS PINCES PINZE

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



ADSON

AB 930/12
12,0 cm/4³/₄"



AB 932/12
12,0 cm/4³/₄"



AB 930/15
15,0 cm/6"



AB 932/15
15,0 cm/6"



CUSHING
17,5 cm/7"

AB 940/17



AB 941/18



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



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



AA
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 AG
 AH
 AI
 AJ
 AK
 AL
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 AN
 AO
 AP
 AQ
 AR
 AS
 AT
 AU
 AV
 AW
 AX

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



DE BAKERY
 16,0 cm/6¹/₄"
 20,0 cm/8"
 1,5 mm **AB 944/16**
 2,0 mm **AB 946/16**
AB 944/20 **AB 946/20**



BONNEY 1:2
AB 948/18
 18,0 cm/7"



WANGENSTEEN
AB 950/15
 15,0 cm/6"

SCHEREN
SCISSORS
TIJERAS
CISEAUX
FORBICI

AC

nopa[®] instruments

Weitere Scheren finden Sie in unserem Katalog „Allgemeines Instrumentarium“ in Gruppe AC.

For further scissors kindly refer to our catalogue „General Instruments“, section AC.

Para tijeras adicionales, por favor consulte nuestro catálogo de „Instrumental de uso general“, grupo AC.

Pour des ciseaux supplémentaires, consultez notre catalogue „Instrumentation Generale“, section AC.

Per gli altri forbici, consultare il nostro catalogo „Strumentazione Generale“, gruppo AC.





nopa® SC SUPER CUT



Besonderheit:

nopa Super Cut Scheren haben eine rasierklingscharfe Schneide, kombiniert mit einer mikrogezahnten Schneide.

>> Diese Scheren sind durch einen glänzenden und einen sandgestrahlten Ring gekennzeichnet.

Features:

nopa Super Cut scissors have a razor-like edge combined with one micro serrated blade.

>> these scissors are characterized by a shiny and a matt finish ring.

Verfügbare Modelle / Available Patterns

Im Katalog durch * markiert. / Marked in the catalog with * .

AC 010/14 SC	Standard Operating Scissors, straight, blunt/blunt, 14.5 cm SC
AC 011/14 SC	Standard Operating Scissors, curved, blunt/blunt, 14.5 cm SC
AC 020/14 SC	Standard Operating Scissors, straight, sharp/blunt, 14.5 cm SC
AC 021/14 SC	Standard Operating Scissors, curved, sharp/blunt, 14.5 cm SC
AC 030/14 SC	Standard Operating Scissors, straight, sharp/sharp, 14.5 cm SC
AC 031/14 SC	Standard Operating Scissors, curved, sharp/sharp, 14.5 cm SC
AC 070/14 SC	MAYO Operating Scissors, straight, blunt/blunt, 14.5 cm SC
AC 070/17 SC	MAYO Operating Scissors, straight, blunt/blunt, 17.0 cm SC
AC 071/14 SC	MAYO Operating Scissors, curved, blunt/blunt, 14.5 cm SC
AC 071/17 SC	MAYO Operating Scissors, curved, blunt/blunt, 17.0 cm SC
AC 072/17 SC	MAYO-STILLE Operating Scissors, straight, blunt/blunt, 17.0 cm SC
AC 073/17 SC	MAYO-STILLE Operating Scissors, curved, blunt/blunt, 17.0 cm SC
AC 100/14 SC	METZENBAUM Scissors, straight, blunt/blunt, 14.0 cm SC
AC 101/14 SC	METZENBAUM Scissors, curved, blunt/blunt, 14.0 cm SC
AC 110/18 SC	METZENBAUM-NELSON Scissors, blunt/blunt, 18.0 cm SC
AC 110/20 SC	METZENBAUM-NELSON Scissors, straight, blunt/blunt 20.0 cm SC
AC 111/18 SC	METZENBAUM-NELSON Scissors, curved, 18.0 cm SC
AC 111/20 SC	METZENBAUM-NELSON Scissors, curved, 20.0 cm SC
AC 140/14 SC	METZENBAUM-DELICATE Scissors, straight, blunt/blunt, 14.5 cm SC
AC 141/14 SC	METZENBAUM-DELICATE Scissors, curved, blunt/blunt, 14.5 cm SC
AC 150/18 SC	METZENBAUM-DELICATE Scissors, straight, blunt/blunt, 18.0 cm SC
AC 151/18 SC	METZENBAUM-DELICATE Scissors, curved, blunt/blunt, 18.0 cm SC
AC 166/20 SC	GORNEY Dissecting Scissors, straight, toothed, 19.5 cm SC
AC 167/20 SC	GORNEY Dissecting Scissors, curved, toothed, 19.5 cm SC
AC 170/16 SC	LEXER Dissecting Scissors, straight, 16.0 cm SC
AC 171/16 SC	LEXER Dissecting Scissors, curved, 16.0 cm SC
AC 204/14 SC	JOSEPH plastic surgery scissors, straight, 14.0 cm SC
AC 205/14 SC	JOSEPH plastic surgery scissors, curved, 14.0 cm SC
AC 208/12 SC	KILNER plastic surgery scissors, straight, 12.0 cm SC
AC 210/12 SC	KILNER plastic surgery scissors, curved, 12.0 cm SC
AC 214/15 SC	REYNOLDS Dissecting Scissors, straight, sharp, 15.0 cm SC
AC 214/18 SC	REYNOLDS Dissecting Scissors, straight, sharp, 18.0 cm SC
AC 215/15 SC	REYNOLDS Dissecting Scissors, curved, sharp, 15.0 cm SC
AC 215/18 SC	REYNOLDS Dissecting Scissors, curved, sharp, 18.0 cm SC
AC 408/11 SC	Fine Operating Scissors, straight, sharp/sharp, 11.0 cm SC
AC 409/11 SC	Fine Operating Scissors, curved, sharp/sharp, 11.0 cm SC
AC 450/11 SC	Iris Scissors, straight, sharp/sharp, 11.5 cm SC
AC 451/11 SC	Iris Scissors, curved, sharp/sharp, 11.5 cm SC
AC 476/11 SC	STEVENS Tenotomy Scissors, straight, blunt, 11.5 cm SC
AC 477/11 SC	STEVENS Tenotomy Scissors, curved, blunt, 11.5 cm SC

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Chirurgische Scheren
Operating Scissors
Tijeras para cirugía
Ciseaux à chirurgie
Forbici per chirurgia



STANDARD

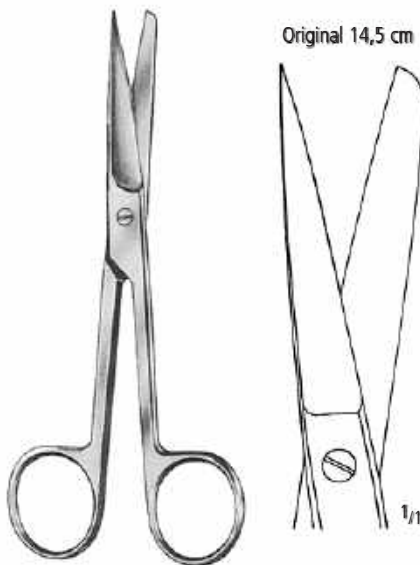
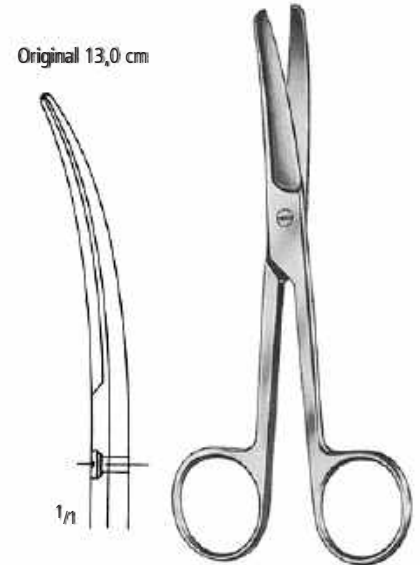
Fig.1
gerade
straight
rectas
droits
rette

- AC 010/10 10,5 cm/4¹/₄"
- AC 010/11 11,5 cm/4¹/₂"
- AC 010/13 13,0 cm/5"
- AC 010/14* 14,5 cm/5³/₄"
- AC 010/15 15,5 cm/6"
- AC 010/16 16,5 cm/6¹/₂"
- AC 010/17 17,5 cm/7"
- AC 010/18 18,5 cm/7¹/₃"
- AC 010/20 20,0 cm/8"

STANDARD

Fig.1
gebogen
curved
curvas
courbes
curve

- AC 011/10 10,5 cm/4¹/₄"
- AC 011/11 11,5 cm/4¹/₂"
- AC 011/13 13,0 cm/5"
- AC 011/14* 14,5 cm/5³/₄"
- AC 011/15 15,5 cm/6"
- AC 011/16 16,5 cm/6¹/₂"
- AC 011/17 17,5 cm/7"
- AC 011/18 18,5 cm/7¹/₃"
- AC 011/20 20,0 cm/8"



STANDARD

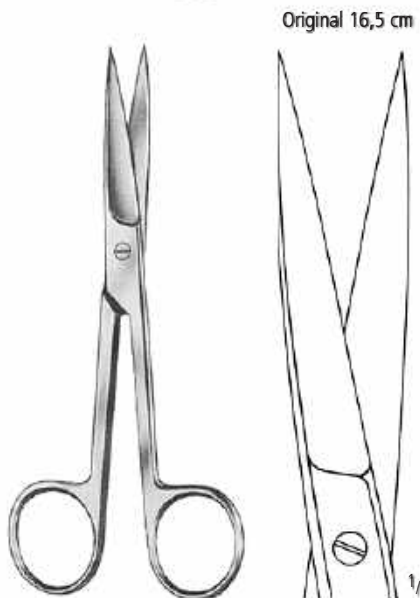
Fig.2
gerade
straight
rectas
droits
rette

- AC 020/10 10,5 cm/4¹/₄"
- AC 020/11 11,5 cm/4¹/₂"
- AC 020/13 13,0 cm/5"
- AC 020/14* 14,5 cm/5³/₄"
- AC 020/15 15,5 cm/6"
- AC 020/16 16,5 cm/6¹/₂"
- AC 020/17 17,5 cm/7"
- AC 020/18 18,5 cm/7¹/₃"
- AC 020/20 20,0 cm/8"

STANDARD

Fig.2
gebogen
curved
curvas
courbes
curve

- AC 021/10 10,5 cm/4¹/₄"
- AC 021/11 11,5 cm/4¹/₂"
- AC 021/13 13,0 cm/5"
- AC 021/14* 14,5 cm/5³/₄"
- AC 021/15 15,5 cm/6"
- AC 021/16 16,5 cm/6¹/₂"
- AC 021/17 17,5 cm/7"
- AC 021/18 18,5 cm/7¹/₃"
- AC 021/20 20,0 cm/8"



STANDARD

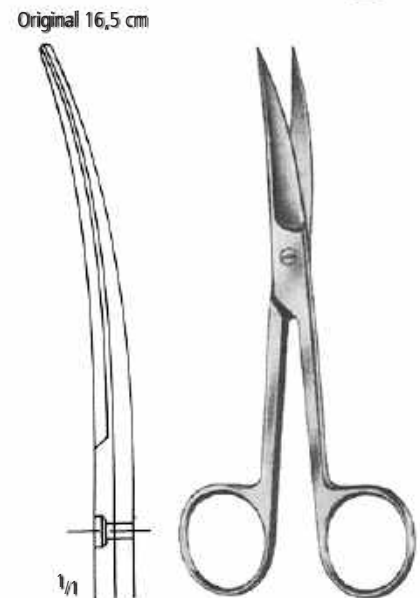
Fig.3
gerade
straight
rectas
droits
rette

- AC 030/10 10,5 cm/4¹/₄"
- AC 030/11 11,5 cm/4¹/₂"
- AC 030/13 13,0 cm/5"
- AC 030/14* 14,5 cm/5³/₄"
- AC 030/15 15,5 cm/6"
- AC 030/16 16,5 cm/6¹/₂"
- AC 030/17 17,5 cm/7"
- AC 030/18 18,5 cm/7¹/₃"
- AC 030/20 20,0 cm/8"

STANDARD

Fig.3
gebogen
curved
curvas
courbes
curve

- AC 031/10 10,5 cm/4¹/₄"
- AC 031/11 11,5 cm/4¹/₂"
- AC 031/13 13,0 cm/5"
- AC 031/14* 14,5 cm/5³/₄"
- AC 031/15 15,5 cm/6"
- AC 031/16 16,5 cm/6¹/₂"
- AC 031/17 17,5 cm/7"
- AC 031/18 18,5 cm/7¹/₃"
- AC 031/20 20,0 cm/8"



SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Chirurgische Scheren
Operating Scissors
Tijeras para cirugía
Ciseaux à chirurgie
Forbici per chirurgia



Original 13,0 cm



GRAZIL

Fig.1
gerade
straight
rectas
droits
rette

AC 040/13
AC 040/14

13,0 cm/5"
14,5 cm/5³/₄"

Original 13,0 cm



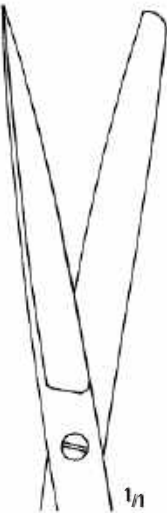
GRAZIL

Fig. 1
gebogen
curved
curvas
courbes
curve

AC 041/13
AC 041/14



Original 14,5 cm



GRAZIL

Fig.2
gerade
straight
rectas
droits
rette

AC 042/13
AC 042/14

13,0 cm/5"
14,5 cm/5³/₄"

Original 14,5 cm



GRAZIL

Fig. 2
gebogen
curved
curvas
courbes
curve

AC 043/13
AC 043/14



Original 14,5 cm



GRAZIL

Fig.3
gerade
straight
rectas
droits
rette

AC 046/13
AC 046/14

13,0 cm/5"
14,5 cm/5³/₄"

Original 14,5 cm



GRAZIL

Fig. 3
gebogen
curved
curvas
courbes
curve

AC 047/13
AC 047/14



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AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Chirurgische Scheren
 Operating Scissors
 Tijeras para cirugía
 Ciseaux à chirurgie
 Forbici per chirurgia

Inzisionsscheren
 Incision Scissors
 Tijeras para incision
 Ciseaux à incision
 Forbici per incisioni



AC 052/13 = 13,0 cm/5"
AC 052/14 = 14,5 cm/5³/₄"



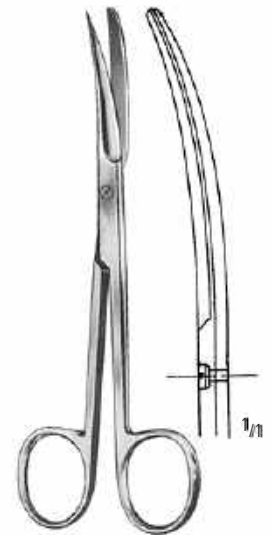
AC 054/15
 15,5 cm/6"



RICHTER
AC 056/14
 14,5 cm/5³/₄"



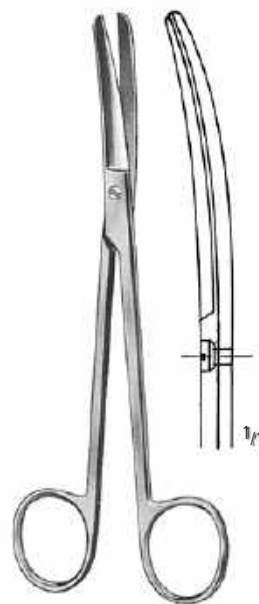
AC 060/14



DEAVER
 14,0 cm/5¹/₂" **AC 061/14**



AC 062/15

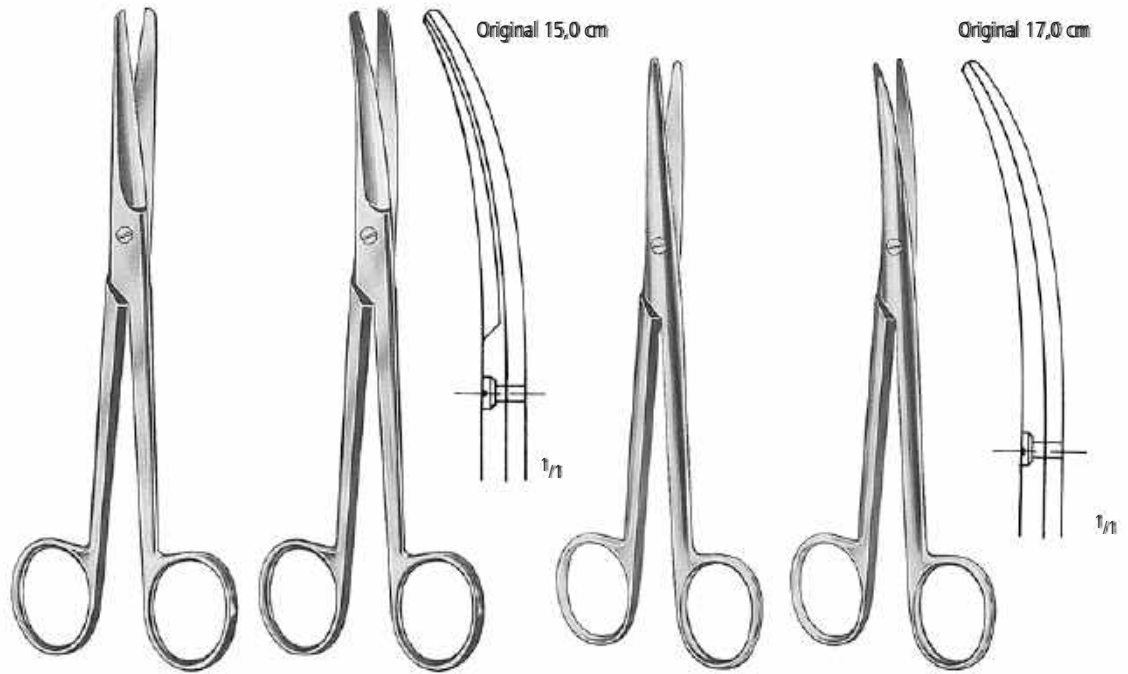


MIXTER
 15,5 cm/6"

AC 063/15

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

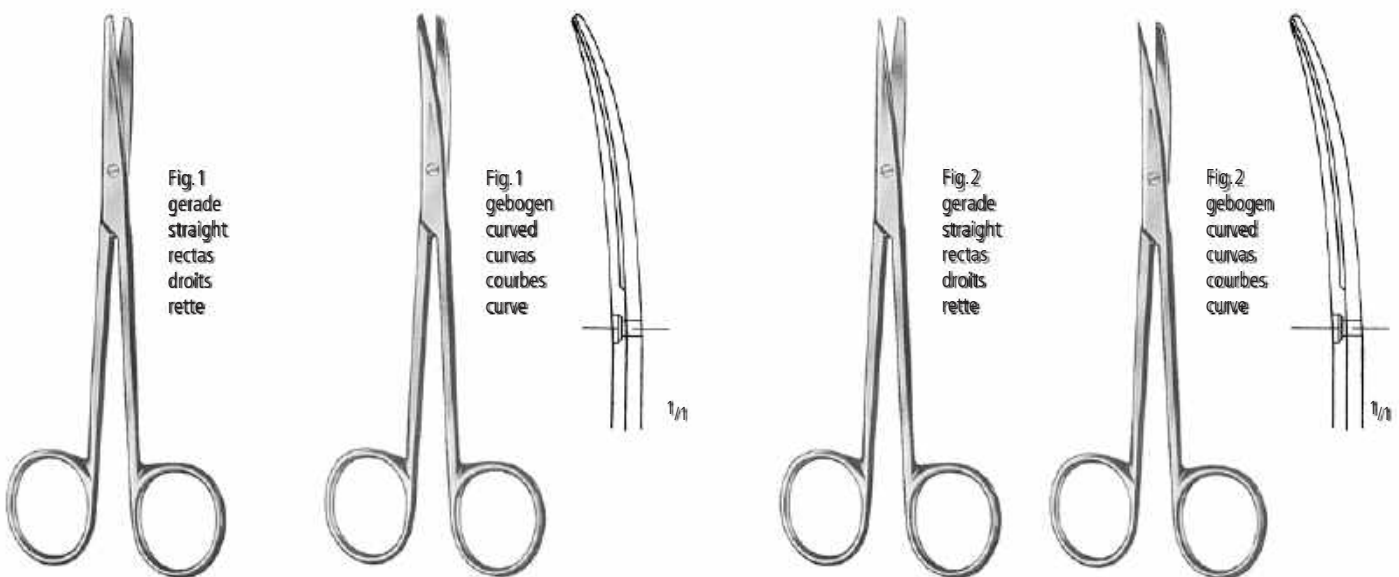
Chirurgische Scheren, Präparierscheren
 Operating Scissors, Dissecting Scissors
 Tijeras para cirugía, Tijeras para preparaciones
 Ciseaux à chirurgie, Ciseaux à dissection
 Forbici per chirurgia, Forbici per preparazioni



MAYO

MAYO-STILLE

14,5 cm/5 ³ / ₄ "	AC 070/14*	AC 071/14*		
15,0 cm/6"			AC 072/15	AC 073/15
17,0 cm/6 ³ / ₄ "	AC 070/17*	AC 071/17*	AC 072/17*	AC 073/17*
19,5 cm/7 ³ / ₄ "			AC 072/19	AC 073/19



METZENBAUM

METZENBAUM

AC 100/14*
14,5 cm/5³/₄"

AC 101/14*
14,5 cm/5³/₄"

AC 102/14
14,5 cm/5³/₄"

AC 103/14
14,5 cm/5³/₄"

Präparierscheren
 Dissecting Scissors
 Tijeras para preparaciones
 Ciseaux à dissection
 Forbici per preparazioni



Fig.3
 gerade
 straight
 rectas
 droits
 rette

AC 104/14
 14,5 cm/5³/₄"

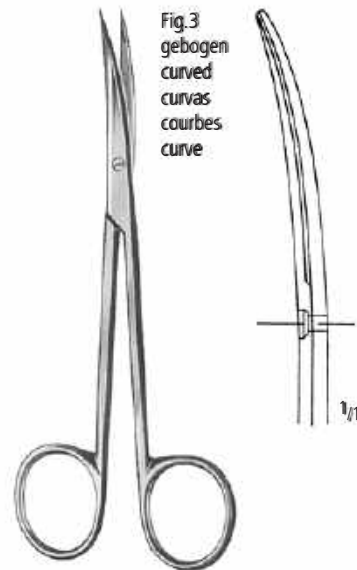


Fig.3
 gebogen
 curved
 curvas
 courbes
 curve

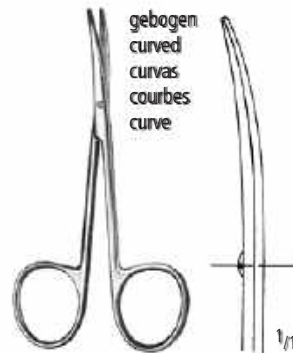
AC 105/14
 14,5 cm/5³/₄"

METZENBAUM



gerade
 straight
 rectas
 droits
 rette

AC 108/11
 11,5 cm/4¹/₂"



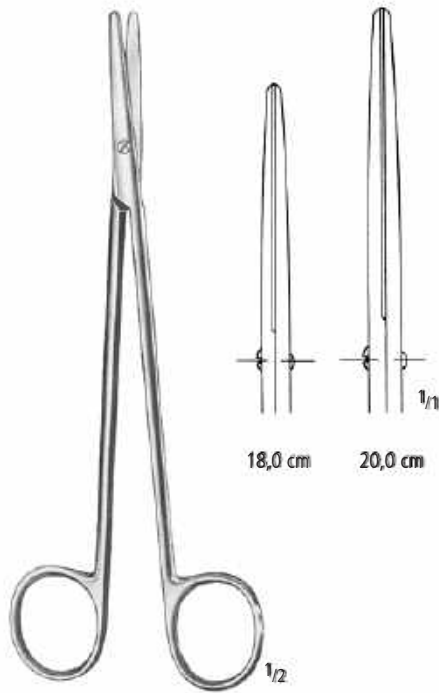
gebogen
 curved
 curvas
 courbes
 curve

AC 109/11
 11,5 cm/4¹/₂"

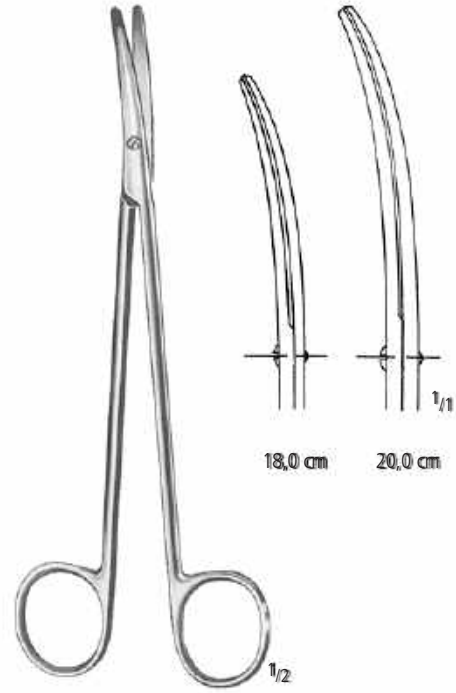
METZENBAUM-BABY

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Präparierscheren
Dissecting Scissors
Tijeras para preparaciones
Ciseaux à dissection
Forbici per preparazioni



METZENBAUM-NELSON



METZENBAUM-NELSON



Fig. 1

Fig. 2

Fig. 3

18,0 cm/7"	AC 110/18*	AC 111/18*	AC 120/18	AC 121/18	AC 130/18	AC 131/18
20,0 cm/8"	AC 110/20*	AC 111/20*	AC 120/20	AC 121/20	AC 130/20	AC 131/20

AA
AB
AC
AD
AE
AF
AK
AL
AO
AP
AR
KA
KL
KM
KO
KU
KYE
X

Präparierscheren, DELICATE
 Dissecting Scissors, DELICATE
 Tijeras para preparaciones, DELICATE
 Ciseaux à dissection, DELICATE
 Forbici per preparazioni, DELICATE

METZENBAUM-DELICATE

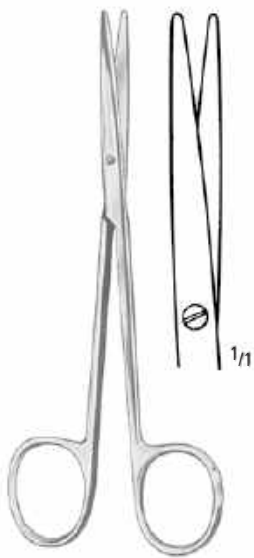


Fig. 1
AC 140/14*
 14,5 cm/5³/₄"

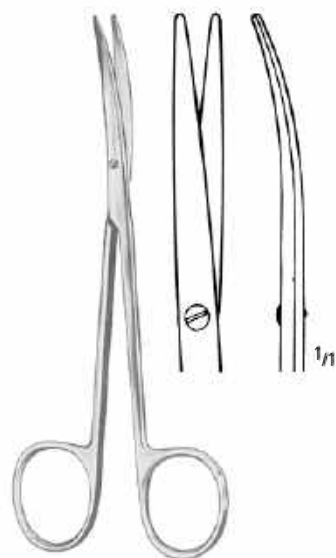


Fig. 1
AC 141/14*
 14,5 cm/5³/₄"

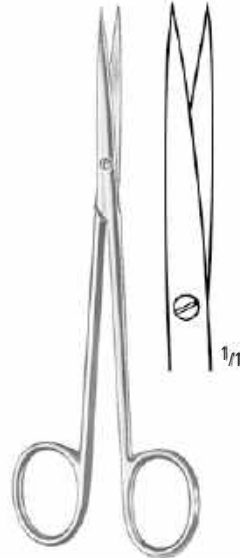


Fig. 3
AC 142/14
 14,5 cm/5³/₄"

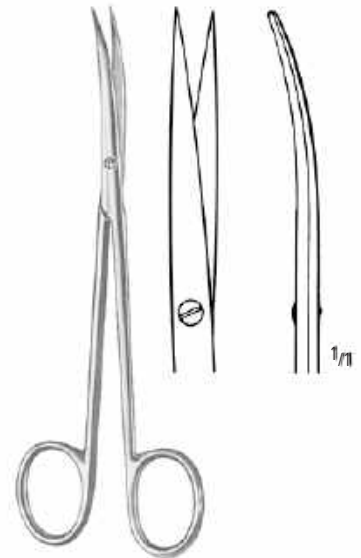


Fig. 3
AC 143/14
 14,5 cm/5³/₄"

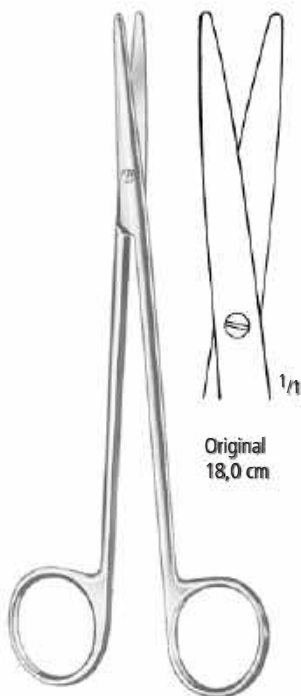


Fig. 1

18,0 cm/7"
 20,0 cm/8"

AC 150/18*
AC 150/20

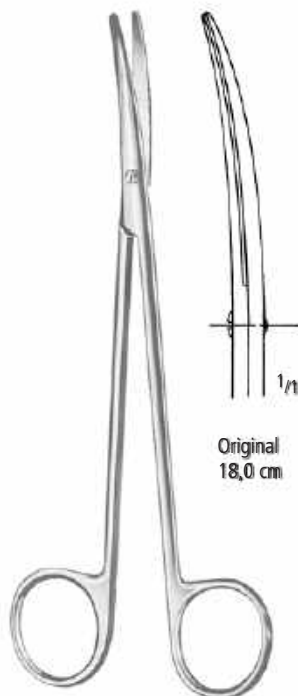


Fig. 1

AC 151/18*
AC 151/20

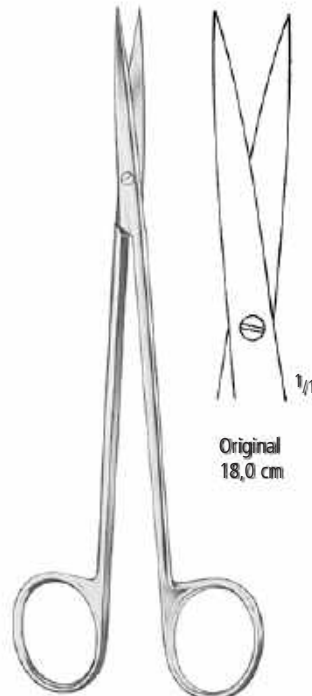


Fig. 3

AC 152/18
AC 152/20

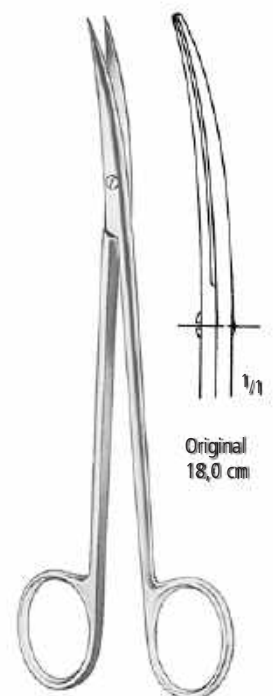


Fig. 3

AC 153/18
AC 153/20

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Face-Lift Scheren
 Face-Lift Scissors
 Tijeras para Face-Lift
 Ciseaux à Face-Lift
 Forbici per Face-Lift



TREP SAT
 18,0 cm/7"



AC 160/05
 5,0 mm

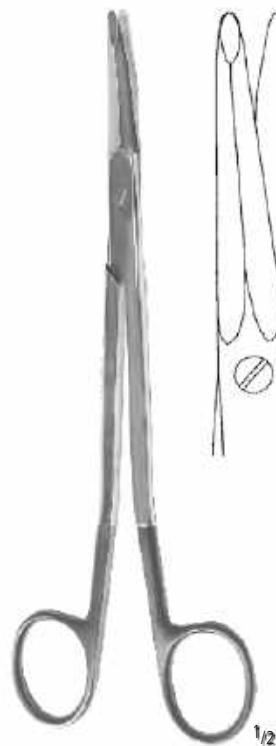


AC 160/08
 8,0 mm



AC 160/15
 15,0 mm

Original 19,0 cm

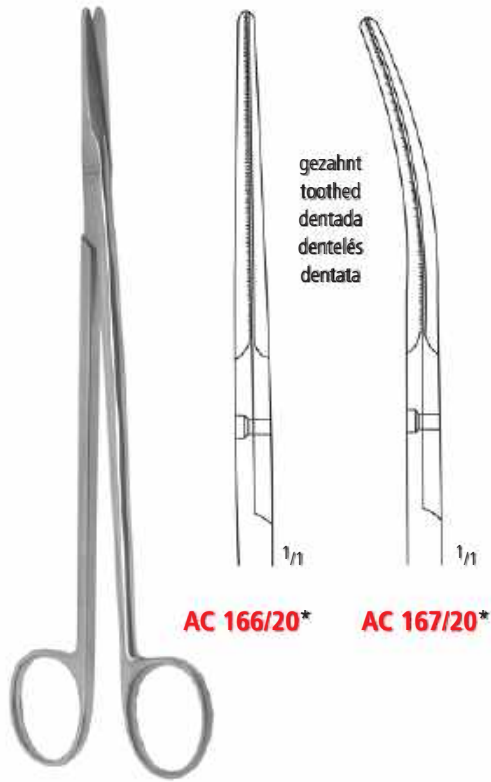


FREEMAN-GORNEY
 gebogen
 curved
 curvas
 courbes
 curve

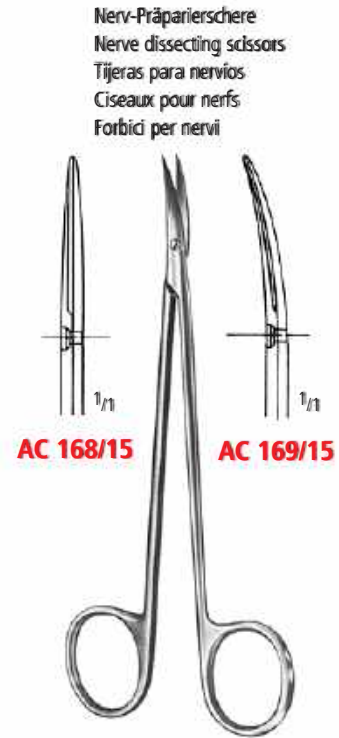
- AC 163/17** 17,0 cm/6³/₄"
- AC 163/19** 19,0 cm/7¹/₂"
- AC 163/23** 23,0 cm/9"

AA
 AB
AC
 AD
 AE
 AF
 AK
 AL
 AO
 AP
 AR
 KA
 KL
 KM
 KO
 KU
 KYE
 X

Präparierscheren
Dissecting Scissors
Tijeras para preparaciones
Ciseaux à dissection
Forbici per preparazioni



GORNEY
19,5 cm/7³/₄"



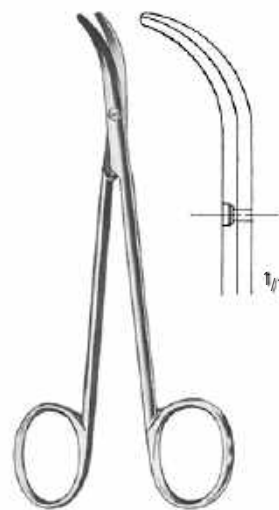
15,0 cm/6"



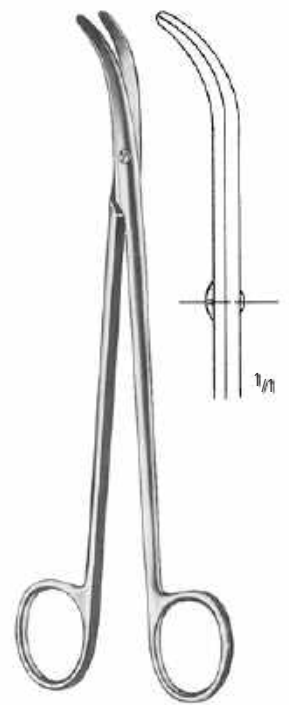
LEXER
AC 170/16*
16,0 cm/6¹/₄"



LEXER
AC 171/16*
16,0 cm/6¹/₄"



FOMON
AC 173/13
13,5 cm/5¹/₄"



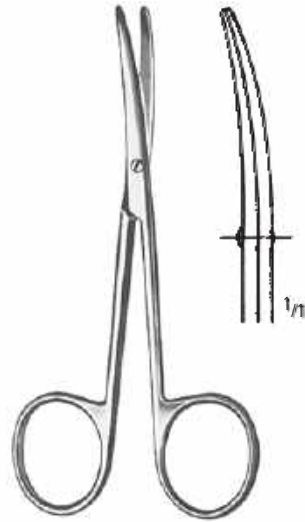
THOREK
AC 175/19
19,0 cm/7¹/₂"

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Präparierscheren
Dissecting Scissors
Tijeras para preparaciones
Ciseaux à dissection
Forbici per preparazioni



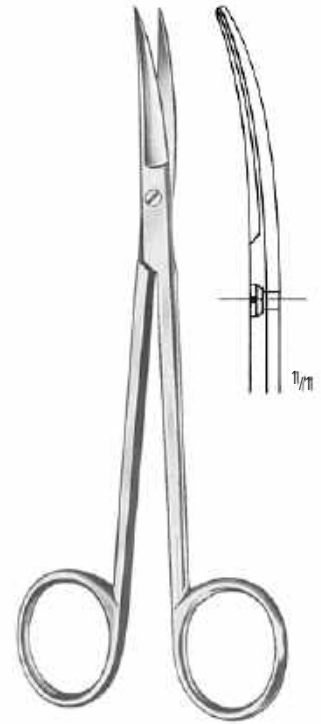
LEXER-BABY
AC 176/10
10,0 cm/4"



LEXER-BABY
AC 177/10
10,0 cm/4"



AC 200/14
14,0 cm/5 1/2"

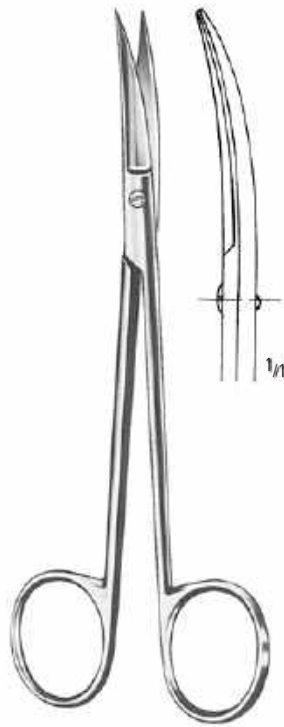


SANVENERO

AC 201/14
14,0 cm/5 1/2"



AC 204/14*
14,0 cm/5 1/2"



JOSEPH

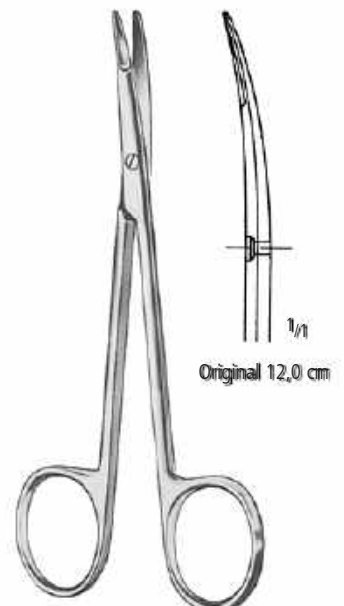
AC 205/14*
14,0 cm/5 1/2"



AC 208/12*
AC 208/15
AC 208/18
AC 208/20

KILNER (RAGNELL)

12,0 cm/4 3/4"
15,0 cm/6"
18,0 cm/7"
20,0 cm/8"



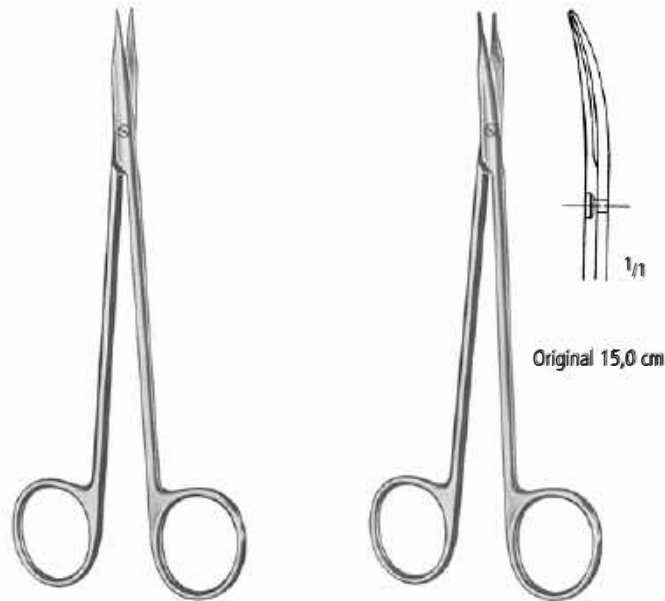
AC 210/12*
AC 210/15
AC 210/18
AC 210/20

Original 12,0 cm

AA
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AR
KA
KL
KM
KO
KU
KYE
X

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Präparierscheren, Tonsillenscheren
 Dissecting Scissors, Tonsil Scissors
 Tijeras para preparaciones, Tijeras para amígdalas
 Ciseaux à dissection, Ciseaux pour les amygdales
 Forbici per preparazioni, Forbici per tonsille



REYNOLDS
AC 214/15* 15,0 cm/6"
AC 214/18* 18,0 cm/7"
AC 215/15*
AC 215/18*



PRINCE
AC 301/17
 17,5 cm/7"

BÖTTCHER
AC 302/18
 18,0 cm/7"

GOOD
AC 303/19
 19,0 cm/7 1/2"

GOOD-SCHWECKENDICK
AC 304/19
 19,0 cm/7 1/2"

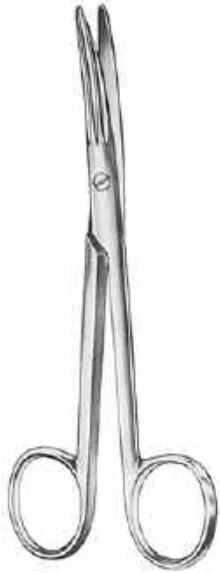
gezahnt
 saw edge
 dentadas
 dentelés
 dentata

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

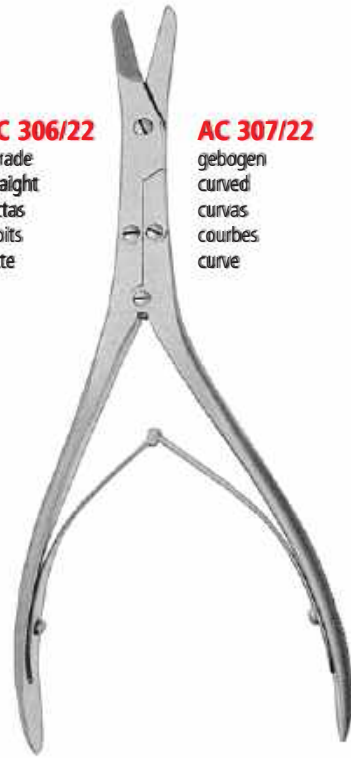
Nasenschere, Kropfschere
 Nasal Scissors, Goitre Enucleation Scissors
 Tijeras nasales, Tijeras para bocio
 Ciseaux nasaux, Ciseaux à goitre
 Forbici nasali, Forbici per gozzo

AC 306/22
 gerade
 straight
 rectas
 droits
 rette

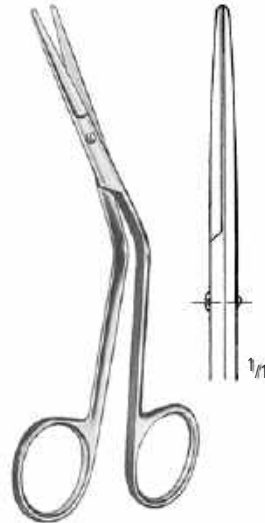
AC 307/22
 gebogen
 curved
 curvas
 courbes
 curve



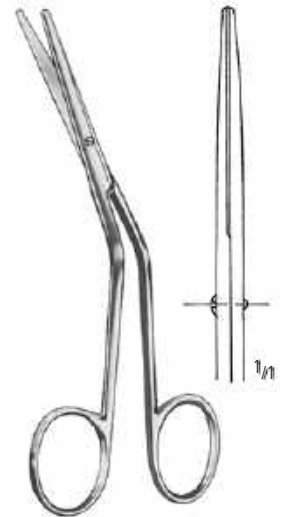
SCHOEMAKER
AC 305/15
 15,0 cm/6"



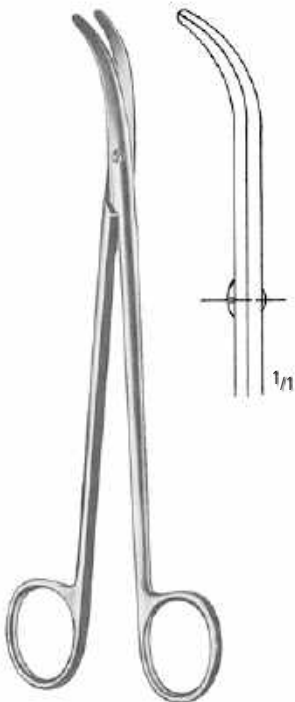
CAPLAN
 22,0 cm/9"



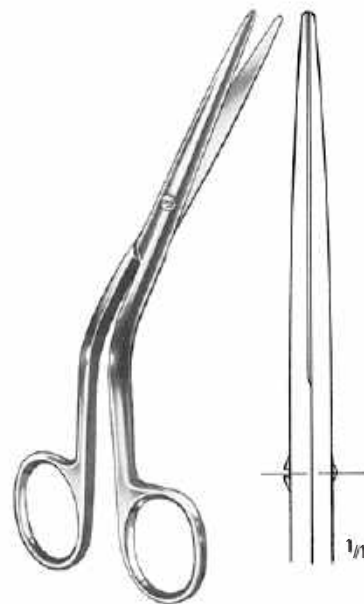
FOMON
AC 309/13
 13,5 cm/5 1/4"



FOMON
AC 310/13
 13,5 cm/5 1/4"



HALLE
AC 313/19
 19,0 cm/7 1/2"



COTTLE
AC 315/16
 16,0 cm/6 1/4"



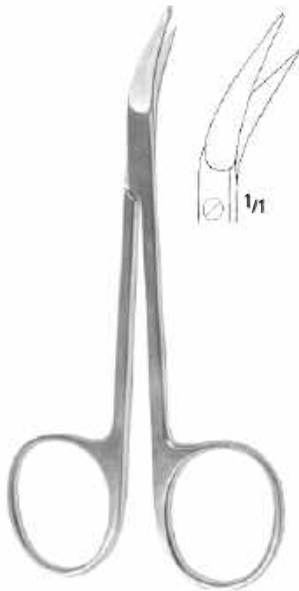
HEYMANN
AC 317/18
 18,0 cm/7"



HEYMANN
AC 318/19
 19,5 cm/7 3/4"

AA
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AC
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 AG
 AH
 AI
 AJ
 AK
 AL
 AM
 AN
 AO
 AP
 AQ
 AR
 AS
 AT
 AU
 AV
 AW
 AX

Feine chirurgische Scheren
 Fine Operating Scissors
 Tijeras finas para cirugía
 Ciseaux fins à chirurgie
 Forbici fini per chirurgia



PERWITZSCHKY
AC 403/11
 11,0 cm/4 1/2"



WAGNER
 12,0 cm/4 3/4"

gerade
 straight
 rectas
 droits
 rette



Fig. 1
AC 404/01



Fig. 2
AC 404/02



Fig. 3
AC 404/03

gebogen
 curved
 curvas
 courbes
 curve



Fig. 1
AC 405/01



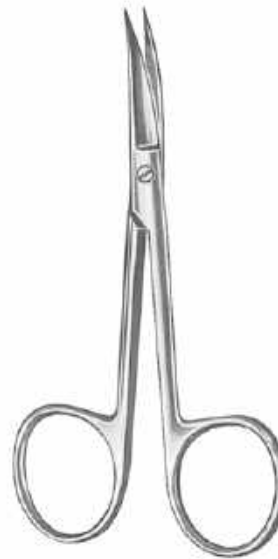
Fig. 2
AC 405/02



Fig. 3
AC 405/03



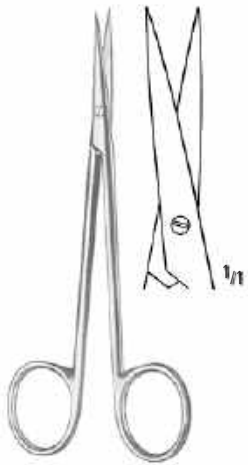
AC 408/11*
 11,0 cm/4 1/3"



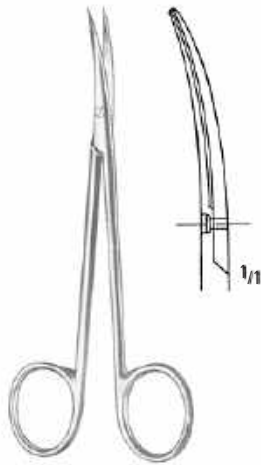
AC 409/11*
 11,0 cm/4 1/3"

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

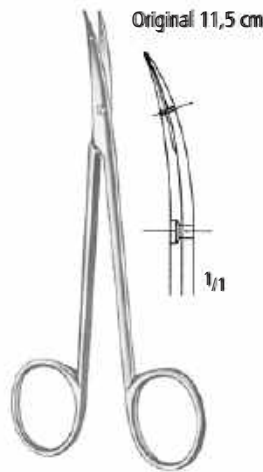
Feine Scheren
 Fine Scissors
 Tijeras finas
 Ciseaux fins
 Forbici fini



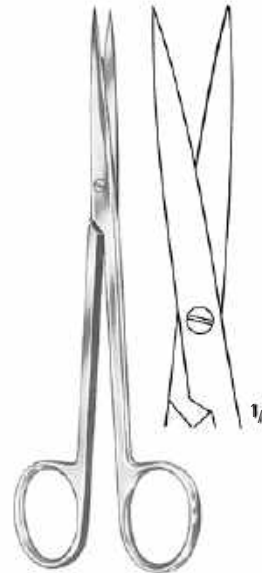
AC 410/11
 11,5 cm/4 1/2"



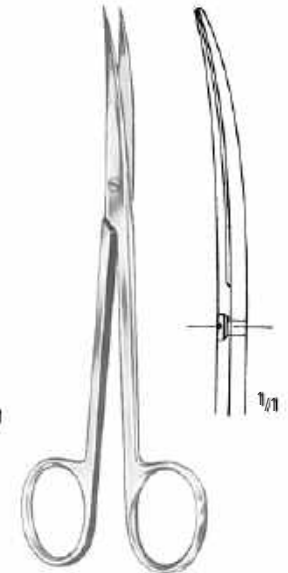
AC 411/11
 11,5 cm/4 1/2"



LITTLER
AC 412/11 11,5 cm/4 1/2"
AC 412/14 14,0 cm/5 1/2"



BROPHY (SULLIVAN)
AC 414/14 14,5 cm/5 3/4"
AC 415/14 14,5 cm/5 3/4"



AC 418/13
 13,0 cm/5"

AC 419/13
 13,0 cm/5"



AC 422/10 10,5 cm/4 1/4"
AC 422/11 11,5 cm/4 1/2"



AC 423/10
AC 423/11

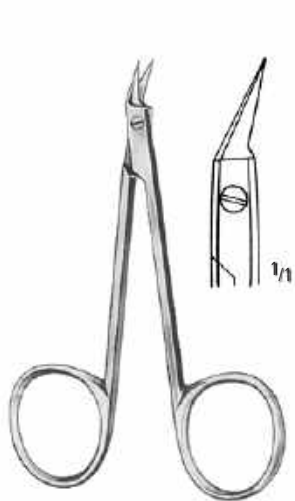


AC 424/11
 11,5 cm/4 1/2"

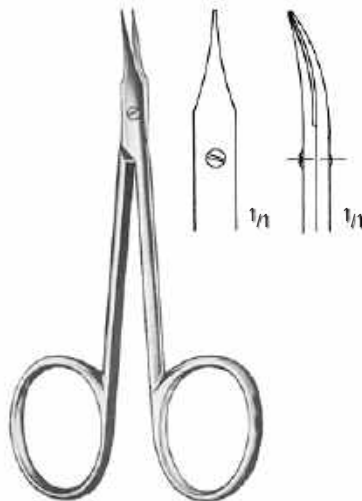
AA
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AC
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 AG
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 AI
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 AK
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 AM
 AN
 AO
 AP
 AQ
 AR
 AS
 AT
 AU
 AV
 AW
 AX

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Feine Scheren
Fine Scissors
Tijeras finas
Ciseaux fins
Forbici fini



O'BRIEN
AC 427/09
9,0 cm/3 1/2"

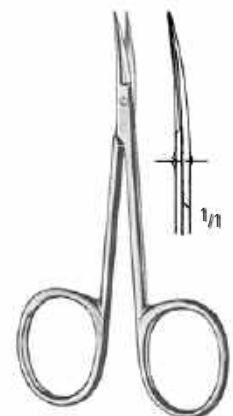


WALTON
AC 429/10
10,0 cm/4"

sehr fein
extra delicate
muy finas
très fin
molto sottile

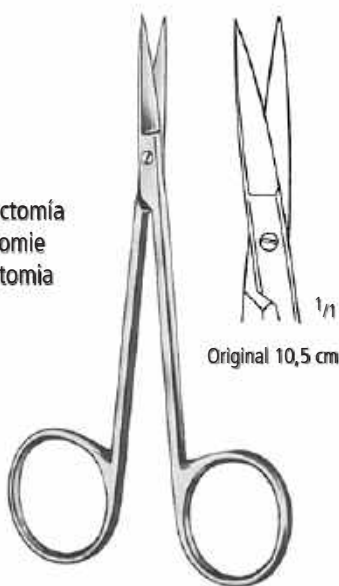


MOD. BONN
AC 430/08
8,0 cm/3"

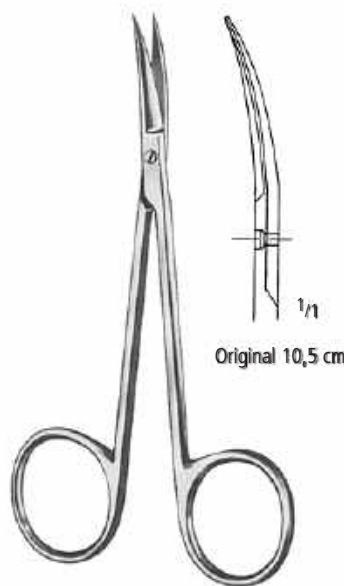


AC 431/08
8,0 cm/3"

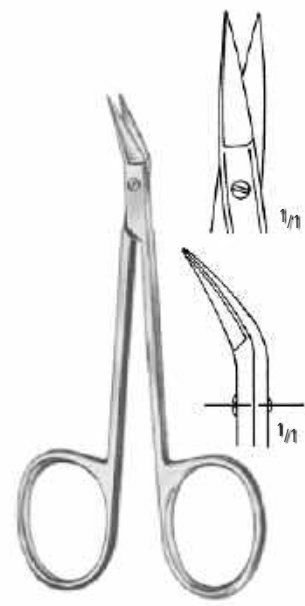
Irisscheren
Iris Scissors
Tijeras para iridectomía
Ciseaux à iridectomie
Forbici per iridectomia



Original 10,5 cm



Original 10,5 cm



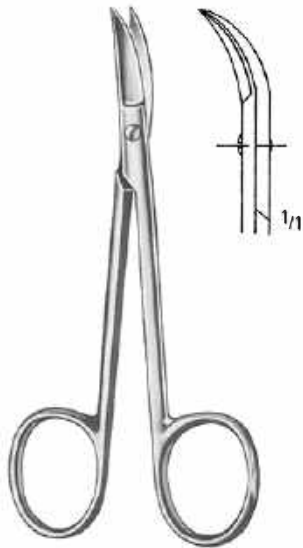
WILMER
AC 471/10
10,0 cm/4"

9,0 cm/3 1/2"	AC 450/09	AC 451/09
10,5 cm/4 1/4"	AC 450/10	AC 451/10
11,5 cm/4 1/2"	AC 450/11*	AC 451/11*

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Feine Scheren, Ligaturscheren
 Fine Scissors, Ligature Scissors
 Tijeras finas, Tijeras para ligaduras
 Ciseaux fins, Ciseaux à ligatures
 Forbici fini, Forbici per legatura

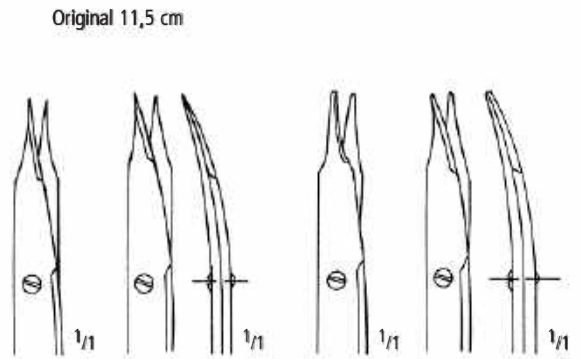
AA
AB
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AK
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AO
AP
AR
KA
KL
KM
KO
KU
KYE
X



CHADWICK
AC 473/11
 11,0 cm/4¹/₃"



STEVENS
 10,5 cm/4¹/₄"
 11,5 cm/4¹/₂"



spitz pointed agudas pointues acuta	gebogen curved curvas courbes curve	stumpf blunt romas mousses smussa	gebogen curved curvas courbes curve
gerade straight rectas droits rette		gerade straight rectas droits rette	

AC 474/10 **AC 475/10** **AC 476/10** **AC 477/10**
AC 474/11 **AC 475/11** **AC 476/11*** **AC 477/11***



SPENCER
 9,0 cm/3¹/₂" **AC 500/09**
 10,5 cm/4¹/₄" **AC 500/10**
 12,5 cm/5" **AC 500/13**



SPENCER-DELICATE
AC 501/11
 11,0 cm/4¹/₃"



LITTAUER
AC 502/14
 14,0 cm/5¹/₂"



AC 503/16
 16,0 cm/6¹/₄"

* Auch erhältlich als SC * Also available as SC

Ligaturscheren
Ligature Scissors
Tijeras para ligaduras
Ciseaux à ligatures
Forbici per legatura



SHORTBENT
AC 513/09
9,0 cm/3 1/2"



NORTHBENT
AC 514/12
12,5 cm/5"

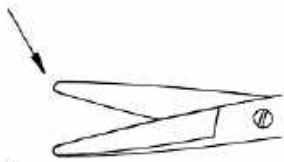


BUCK
14,5 cm/5 3/4" **AC 516/14**
18,0 cm/7" **AC 516/18**

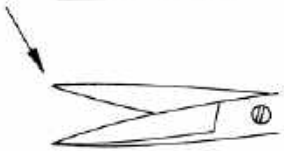
SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici

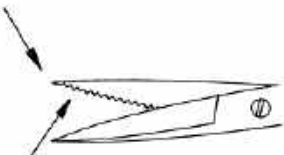
- >> Alle unsere Mikroscheren werden von Fachkräften mit jahrelanger Erfahrung hergestellt. Die Endkontrolle findet unter dem Mikroskop statt. Um Ihnen ein ermüdungsfreies Arbeiten zu ermöglichen, wird dem Federdruck größte Aufmerksamkeit gewidmet.
- >> Bitte wählen Sie unter Rund- oder Flachgriffscheren.



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



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

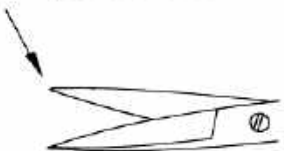


Nerve: Ein Blatt ist **fein gezahnt**, um ein Herausgleiten des Nervs zu vermeiden.

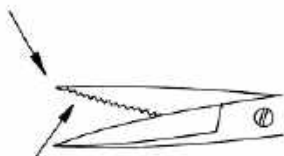
- >> All our Micro Scissors are manufactured by skilled craftsmen with many years of experience. Final inspection is carried out under a microscope. Careful attention is paid to the closing pressure of the spring handle, to ensure precise work during surgeries, without fatigue.
- >> Round or flat handle 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
AD
AE
AF
AK
AL
AO
AP
AR
KA
KL
KM
KO
KU
KYE
X

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



**Dissection
AC 801/15**



**Adventitia
AC 803/15**

14,5 cm/5³/₄"



**Dissection
AC 801/18**



**Adventitia
AC 803/18**

18,0 cm/7"

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



AC 807/14
14,5 cm/5³/₄"



AC 812/18
18,0 cm/7"



AC 817/18
18,0 cm/7"

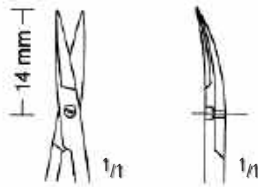
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AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

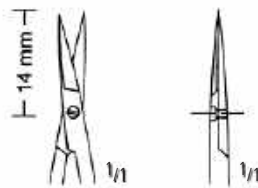
Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



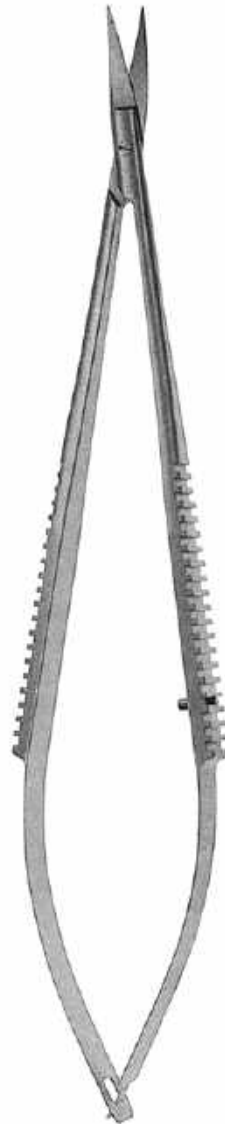
11,0 cm/4¹/₃"



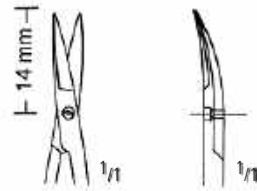
**Dissection
AC 821/11**



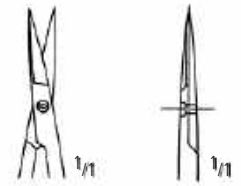
**Adventitia
AC 830/11**



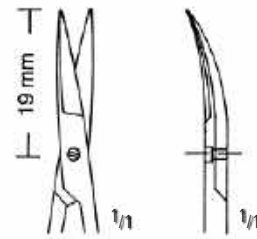
15,0 cm/6"



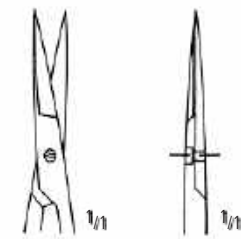
**Dissection
AC 823/15**



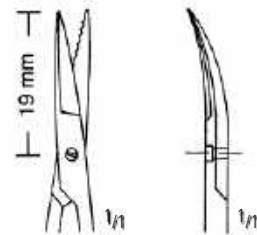
**Adventitia
AC 832/15**



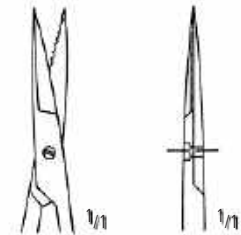
**Dissection
AC 825/15**



**Adventitia
AC 834/15**



**Dissection
AC 827/15**



**Adventitia
AC 836/15**

>> Nerve >>

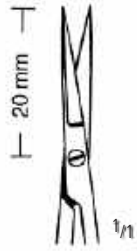
SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici

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KYE
X



18,5 cm/7¹/₈"



AC 850/19



AC 851/19



16,0 cm/6¹/₄"
20,0 cm/8"



AC 860/16
AC 860/20



AC 861/16
AC 861/20



AC 862/16
AC 862/20



AC 863/16
AC 863/20



AC 864/16
AC 864/20



AC 865/16
AC 865/20

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

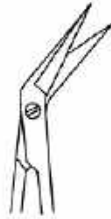
Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



18,0 cm/7"



AC 870/01
25°



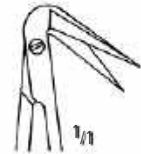
AC 870/02
45°



AC 870/03
60°



AC 870/04
90°



AC 870/05
125°



18,0 cm/7"



AC 871/01
25°



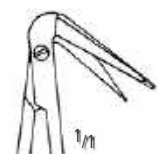
AC 871/02
45°



AC 871/03
60°



AC 871/04
90°



AC 871/05
125°

nopa® TUC® SC Super Cut

SUPER CUT TUC



Besonderheit:

Nutzen Sie die Vorteile von Hartmetalleinsätzen.

nopa TUC Super Cut Scheren haben eine rasierklingscharfe Schneide, kombiniert mit einer mikrogezahnten Schneide.

>> Diese Scheren sind durch einen glänzenden und einen vergoldeten Ring gekennzeichnet.

Features:

Use the advantages of Tungsten Carbide.

nopa TUC Super Cut scissors have a razor-like edge combined with one micro serrated blade.

>> these scissors are characterized by a shiny and a gold ring.

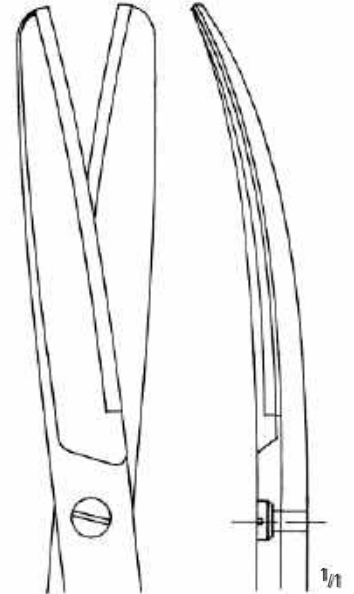
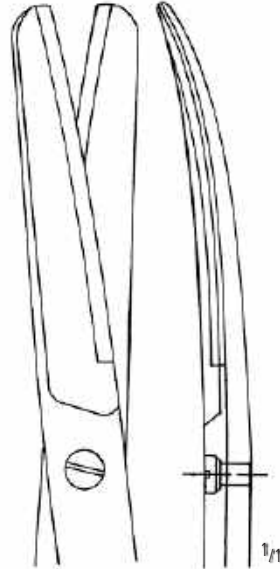
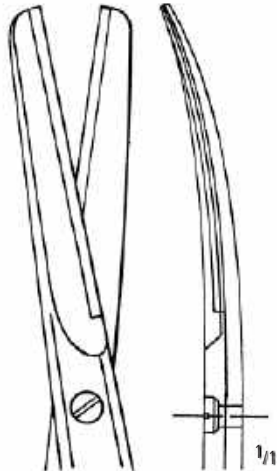
Verfügbare Modelle / Available Patterns

Im Katalog durch * markiert. / Marked in the catalog with * .

AC 910/14 SC	MAYO Dissecting Scissors, TUC, straight, blunt/blunt, 14.5 cm SC
AC 910/17 SC	MAYO Dissecting Scissors, TUC, straight, blunt/blunt, 17.0 cm SC
AC 911/14 SC	MAYO Dissecting Scissors, TUC, curved, blunt/ blunt, 14.5 cm SC
AC 911/17 SC	MAYO Dissecting Scissors, TUC, curved, blunt/blunt, 17.0 cm SC
AC 916/15 SC	MAYO-STILLE Scissors, TUC, straight, blunt/blunt, 15.0 cm SC
AC 917/15 SC	MAYO-STILLE Scissors, TUC, curved, blunt/blunt, 15.0 cm SC
AC 930/14 SC	METZENBAUM Scissors, TUC, straight, blunt/blunt, 14.5 cm SC
AC 931/14 SC	METZENBAUM Scissors, TUC, curved, blunt/blunt, 14.5 cm SC
AC 940/18 SC	METZENBAUM Scissors, TUC, straight, blunt/blunt, 18.0 cm SC
AC 940/20 SC	METZENBAUM Scissors, TUC, straight, blunt/blunt, 20.0 cm SC
AC 941/18 SC	METZENBAUM Scissors, TUC, curved, blunt/blunt, 18.0 cm SC
AC 941/20 SC	METZENBAUM Scissors, TUC, curved, 20.0 cm SC
AC 960/14 SC	METZENBAUM-DELIC. Scissors, TUC, straight, blunt/blunt, 14.5 cm SC
AC 961/14 SC	METZENBAUM-DELIC. Scissors, TUC, curved, blunt/blunt, 14.5 cm SC
AC 970/18 SC	METZENBAUM-DELIC. Scissors, TUC, straight, blunt 18.0 cm SC
AC 970/20 SC	METZENBAUM-DELIC. Scissors, TUC, straight, blunt, 20.0 cm SC
AC 971/18 SC	METZENBAUM-DELIC. Scissors, TUC, curved, blunt, 18.0 cm SC
AC 971/20 SC	METZENBAUM-DELIC. Scissors, TUC, curved, blunt, 20.0 cm SC
AC 974/11 SC	STEVENS Tenotomy Scissors, TUC, straight, pointed, 11.5 cm SC
AC 975/11 SC	STEVENS Tenotomy Scissors, TUC, curved, pointed, 11.5 cm SC
AC 984/11 SC	Iris Scissors, TUC, straight, sharp, 11.5 cm SC
AC 985/11 SC	Iris Scissors, TUC, curved, sharp, 11.5 cm SC

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

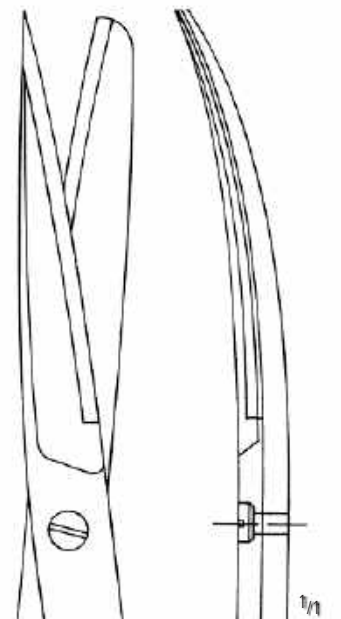
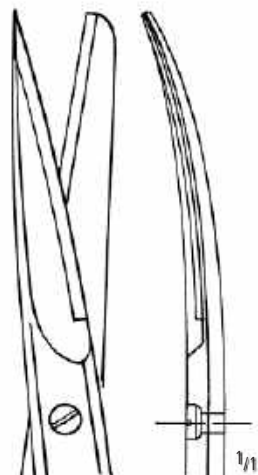
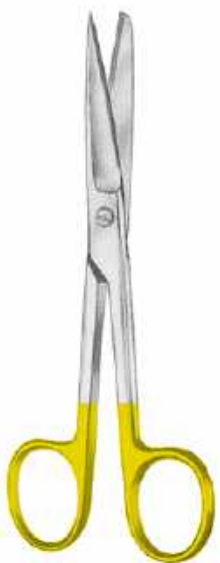


STANDARD
 Fig. 1

straight: 14,5 cm/5³/₄"
AC 900/14
 curved: **AC 901/14**

16,5 cm/6¹/₂"
AC 900/16
AC 901/16

18,5 cm/7¹/₃"
AC 900/18
AC 901/18



STANDARD
 Fig. 2

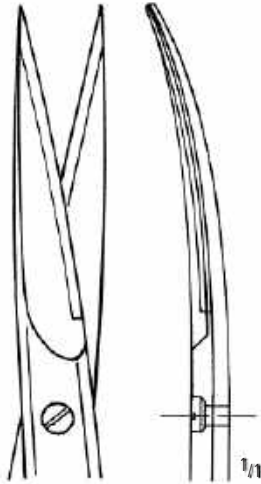
straight: 14,5 cm/5³/₄"
AC 902/14
 curved: **AC 903/14**

16,5 cm/6¹/₂"
AC 902/16
AC 903/16

18,5 cm/7¹/₃"
AC 902/18
AC 903/18

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



STANDARD
 Fig. 3

straight: 14,5 cm/5³/₄"
AC 904/14
 curved: **AC 905/14**

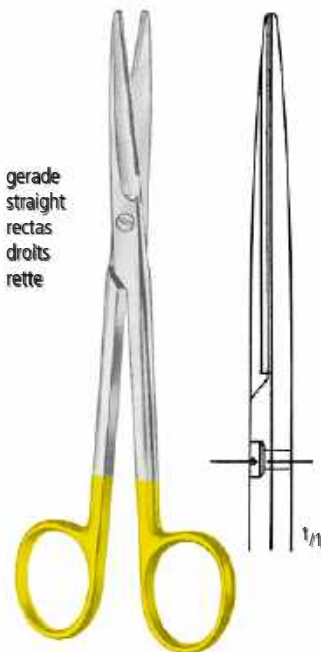


16,5 cm/6¹/₂"
AC 904/16
AC 905/16



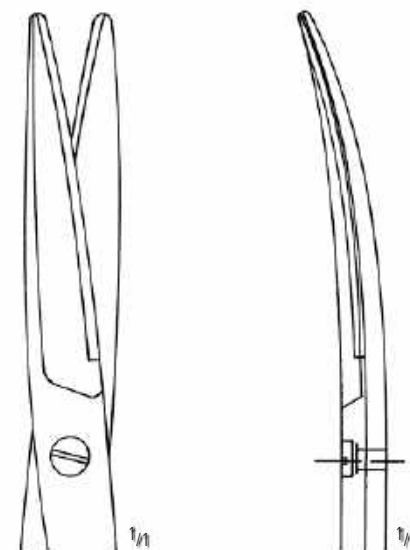
18,5 cm/7¹/₈"
AC 904/18
AC 905/18

nopa[®]
TUC



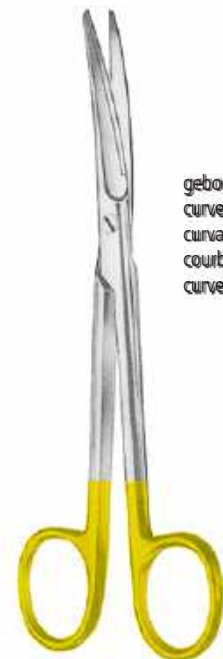
gerade
 straight
 rectas
 droits
 rette

MAYO
AC 910/14*
AC 910/17*



Original 17,0 cm

14,5 cm/5¹/₂"
 17,0 cm/6³/₄"



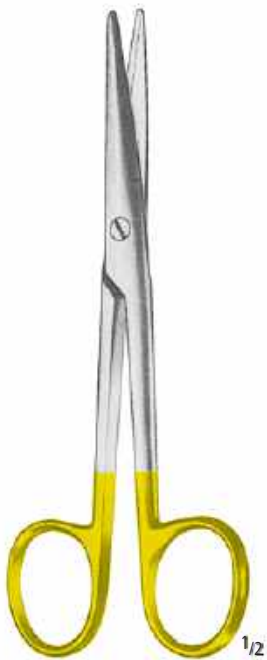
gebogen
 curved
 curvas
 courbes
 curve

MAYO
AC 911/14*
AC 911/17*

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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



MAYO-STILLE
AC 916/15*
AC 916/17

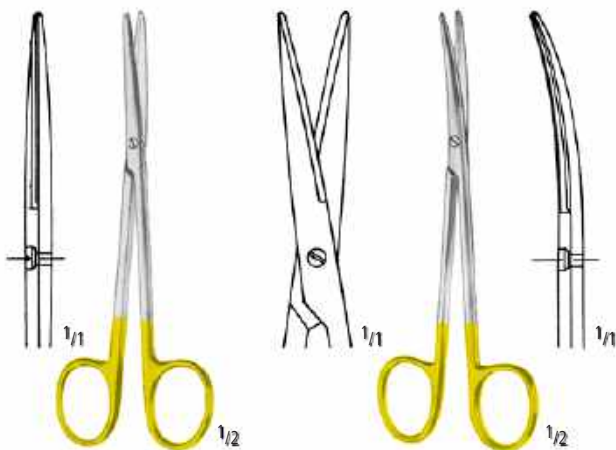


Original 17,0 cm

15,0 cm/6"
 17,0 cm/6³/₄"



MAYO-STILLE
AC 917/15*
AC 917/17



AC 922/11
 11,5 cm/4¹/₂"

METZENBAUM

AC 923/11
 11,5 cm/4¹/₂"



AC 930/14*
 14,5 cm/5³/₄"

METZENBAUM



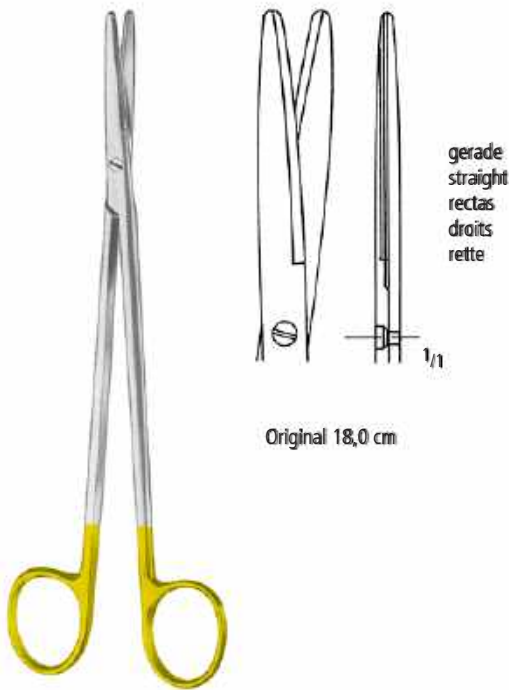
AC 931/14*
 14,5 cm/5³/₄"

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



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Original 18,0 cm

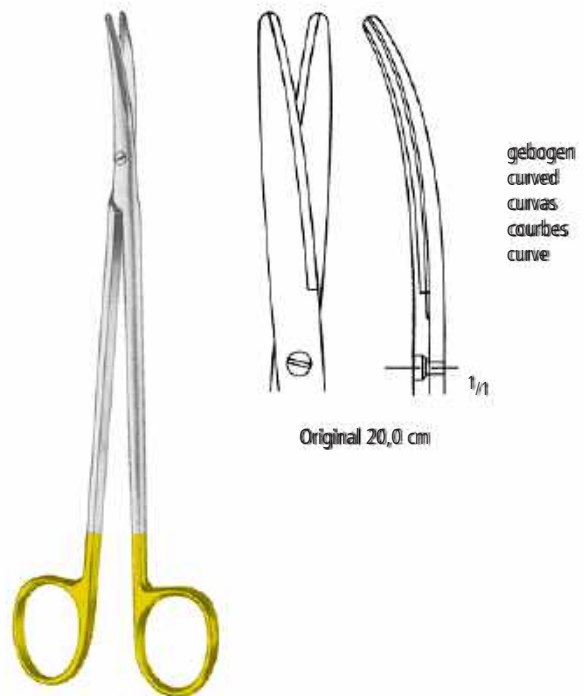
METZENBAUM

18,0 cm/7"

AC 940/18*

20,0 cm/8"

AC 940/20*



Original 20,0 cm

METZENBAUM

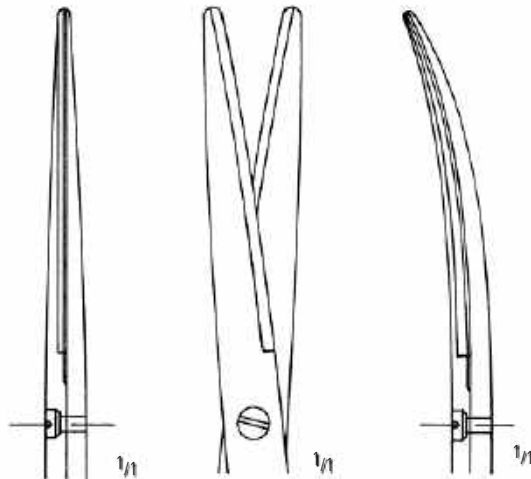
18,0 cm/7"

AC 941/18*

20,0 cm/8"

AC 941/20*

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



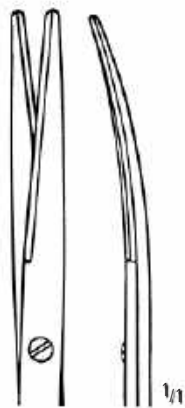
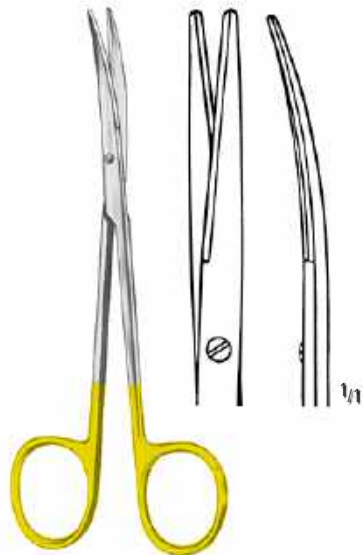
LEXER
AC 952/16
 16,0 cm/6¹/₄"



LEXER
AC 953/16
 16,0 cm/6¹/₄"

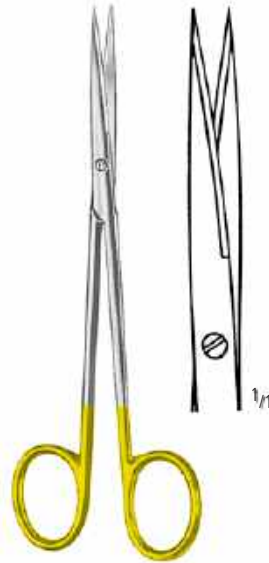


AC 960/14*
 14,5 cm/5³/₄"



AC 961/14*
 14,5 cm/5³/₄"

METZENBAUM-DELICATE



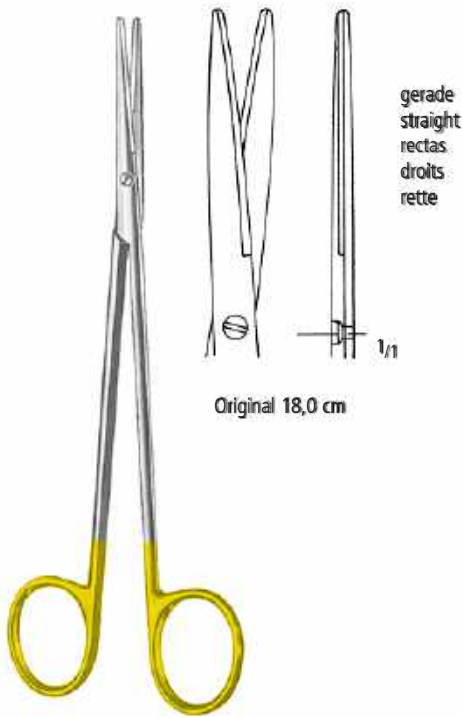
AC 962/14
 14,5 cm/5³/₄"



AC 963/14
 14,5 cm/5³/₄"

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

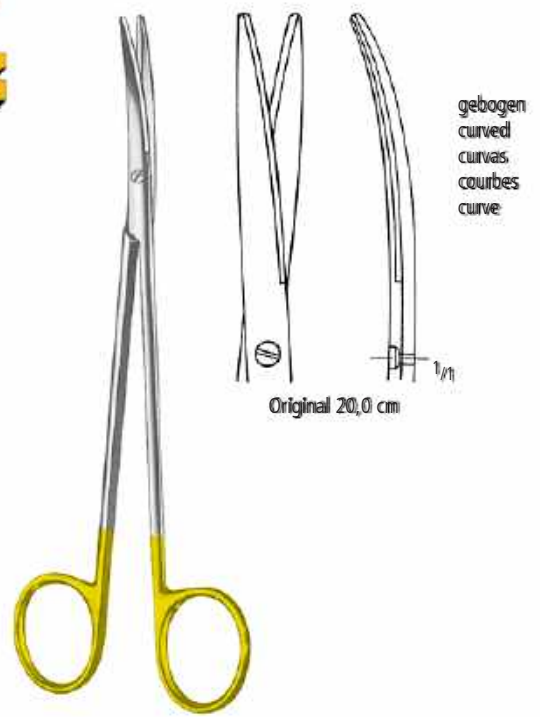
Scheren mit Hartmetalleinlagen
 Scissors with Tungsten Carbide Inserts
 Tijeras con filos de carburo de tungsteno
 Ciseaux avec plaquettes en carbure de tungstène
 Forbici con taglio al carburo di tungsteno



Original 18,0 cm

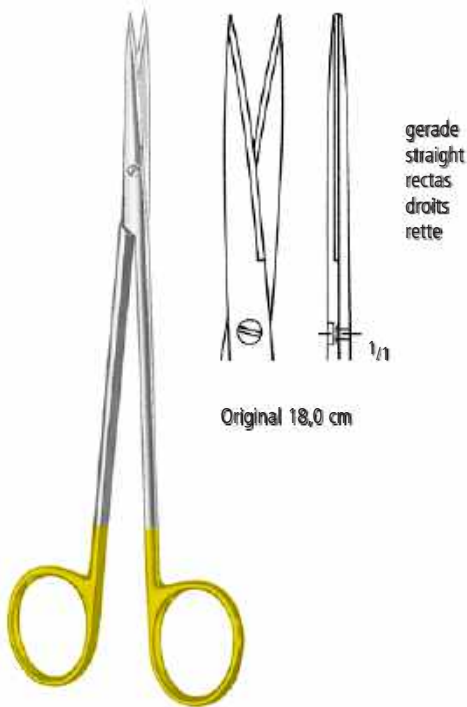
METZENBAUM-DELICATE
 18,0 cm/7" **AC 970/18***
 20,0 cm/8" **AC 970/20***

nopa[®]
TUC



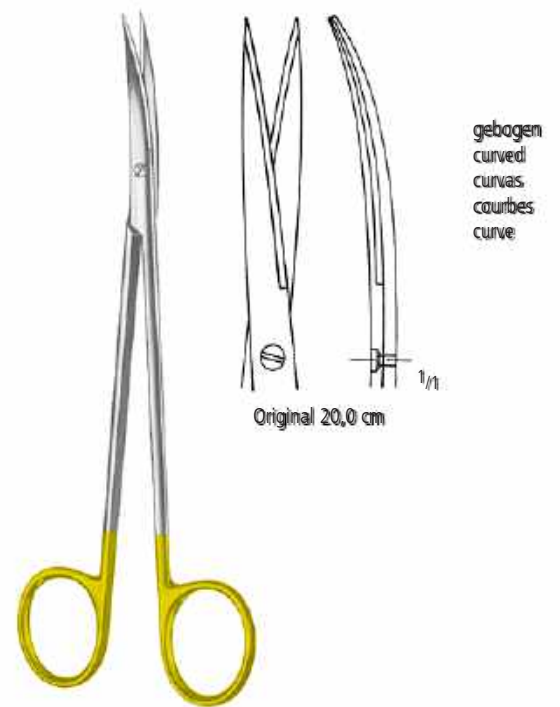
Original 20,0 cm

METZENBAUM-DELICATE
 18,0 cm/7" **AC 971/18***
 20,0 cm/8" **AC 971/20***



Original 18,0 cm

METZENBAUM-DELICATE
 18,0 cm/7" **AC 972/18**
 20,0 cm/8" **AC 972/20**



Original 20,0 cm

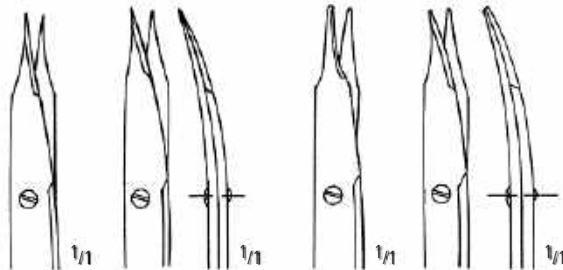
METZENBAUM-DELICATE
 18,0 cm/7" **AC 973/18**
 20,0 cm/8" **AC 973/20**

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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 11,5 cm



	spitz pointed agudas pointues acuta		stumpf blunt romas mousses smussa
gerade straight rectas droits rette	gebogen curved curvas courbes curve	gerade straight rectas droits rette	gebogen curved curvas courbes curve

STEVENS

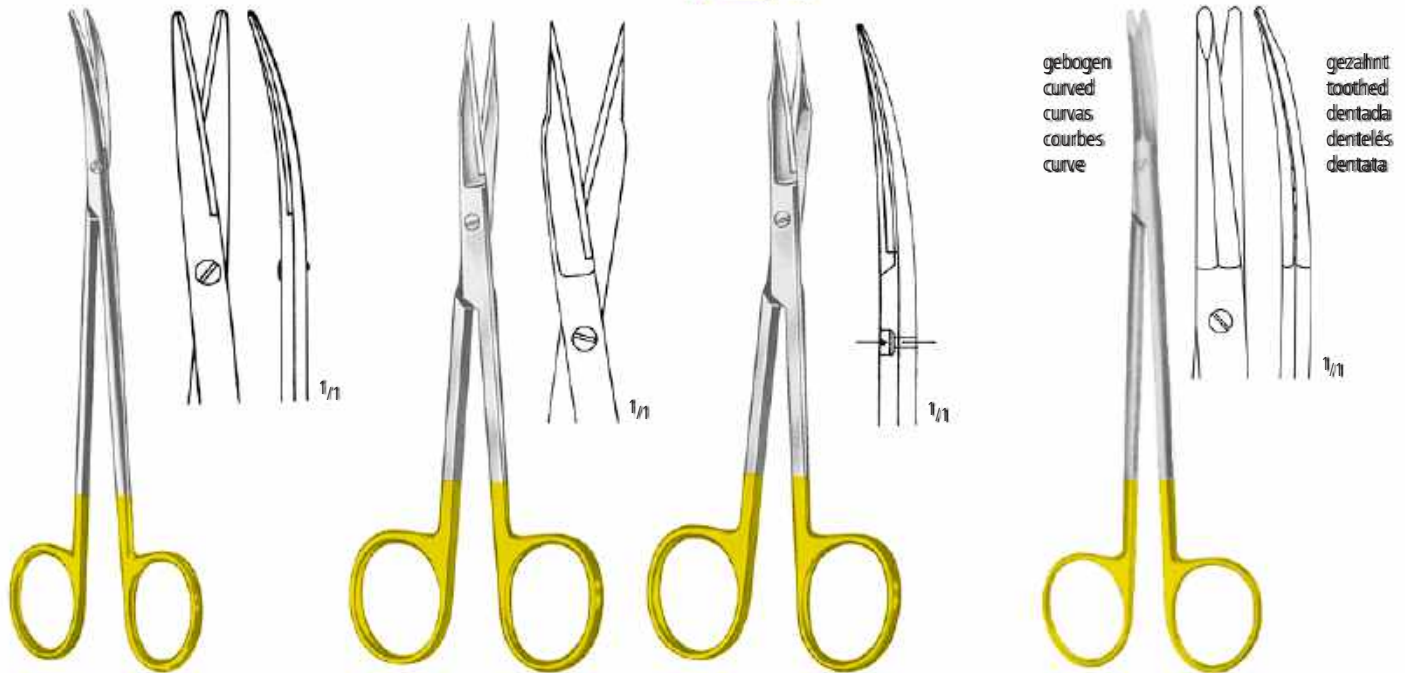
10,5 cm/4¹/₄"
 11,5 cm/4¹/₂"

AC 974/10 AC 975/10 AC 976/10 AC 977/10
AC 974/11* AC 975/11* AC 976/11 AC 977/11

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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

nopa[®]
TUC

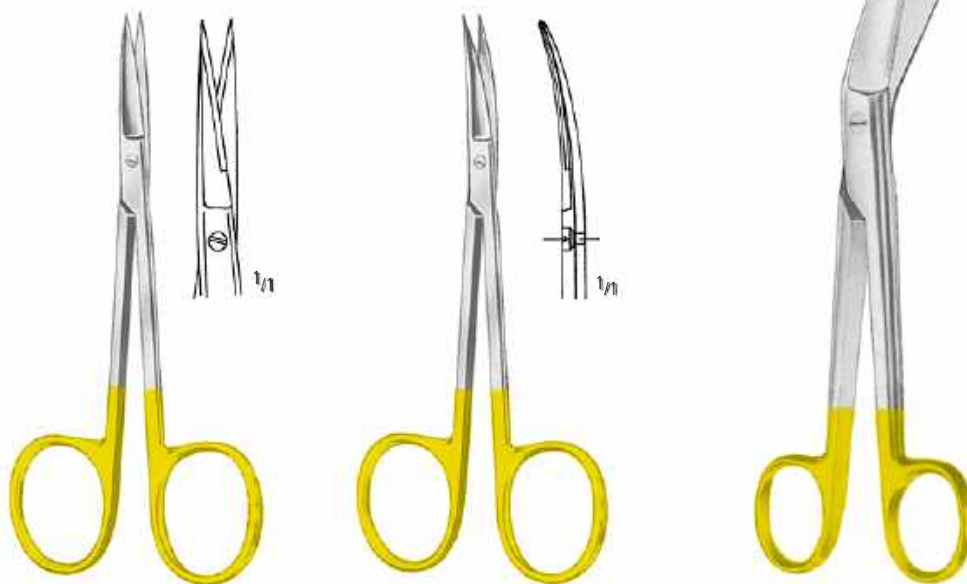


TOENNIS-ADSON-DELICATE
AC 977/17
 17,5 cm/7"

GOLDMAN-FOX
AC 980/13
 13,0 cm/5"

AC 981/13
 13,0 cm/5"

KAYE
AC 983/15
 15,0 cm/6"



AC 984/11*
 11,5 cm/4 1/2"

AC 985/11*
 11,5 cm/4 1/2"

LISTER
AC 999/18
 18,0 cm/7"

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 AX

SKALPELLE
SCALPELS
BISTURIES
BISTOURIS
BISTURI

AD

nopa[®] instruments

Weitere Skalpelle finden Sie in unserem Katalog „Allgemeines Instrumentarium“ in Gruppe AD.

For further scalpels kindly refer to our catalogue „General Instruments“, section AD.

Para bisturías adicionales, por favor consulte nuestro catálogo de „Instrumental de uso general“, grupo AD.

Pour des bistouris supplémentaires, consultez notre catalogue „Instrumentation Generale“, section AD.

Per gli altri bisturi, consultare il nostro catalogo „Strumentazione Generale“, gruppo AD.



AD SKALPELLE SCALPELS BISTURIES BISTOURIS BISTURI

Skalpellgriffe
 Scalpel Handles
 Mangos de bisturías
 Manches pour bistouris
 Manici per bisturi



AD 009/03
No. 3

AD 010/03
No. 3

AD 010/04
No. 4

AD 010/05
No. 5K

AD 025/07
No. 7

AD 027/07
No. 7K

SKALPELLE SCALPELS BISTURIES BISTOURIS BISTURI

Skalpeligriffe
 Scalpel Handles
 Mangos de bisturías
 Manches pour bistouris
 Manici per bisturi

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AD 030/16



AD 031/16
 No. 3



AD 031/21



COLLIN
AD 040/08
 No. 8

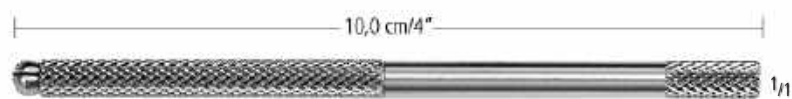
hohl
 hollow
 hueco
 creux
 vuoto



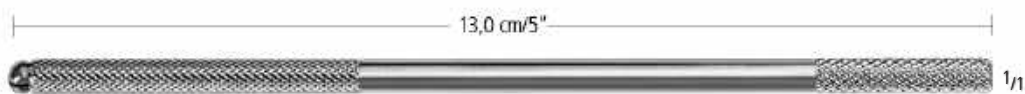
COLLIN
AD 042/09
 No. 9

Skalpgriffe
Scalpel Handles
Mangos de bisturías
Manches pour bistouris
Manici per bisturi

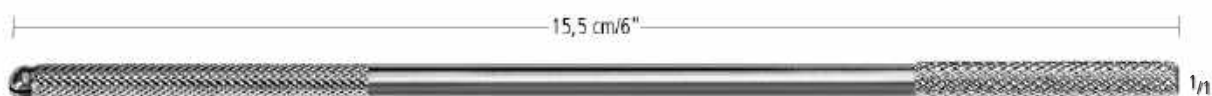
MINI



AD 065/10



AD 065/13



AD 065/15

SKALPELLE SCALPELS BISTURIES BISTOURIS BISTURI

Dermatome
Dermatomes
Dermatomos
Dermatomos
Dermatomi

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AL
AO
AP
AR
KA
KL
KM
KO
KU
KYE
X



AD 495/31
15,5 cm/6"

WATSON
AD 495/30
30,5 cm/12"
0,1 - 2,0 mm

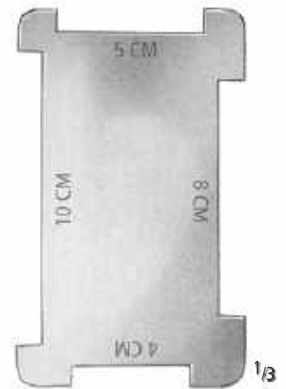
HUMBY
AD 495/32
32,0 cm/12³/₄"
0,1 - 1,2 mm



SCHINK
AD 500/00
30,0 cm/12"



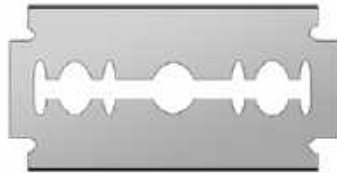
AD 510/01



AD 510/02

AD SKALPELLE SCALPELS BISTURIES BISTOURIS BISTURI

Dermatome, Rasierklingen, Klingenbrecher
 Dermatomes, Razor Blades, Blade Breakers
 Dermatomo, Hojas de afeitador, Pinzas para romper hojas
 Dermatomes, Lames de rasoir, Pincettes pour casser les lames
 Dermatomi, Lamette da barba, Pinze per rompere la lamette



AD 540/00

RASIERKLINGEN, VERPACKUNGSEINHEIT 10 STCK
 RAZOR BLADES, PACKING UNIT 10 PIECES
 HOJAS DE AFEITAR, UNIDAD DE VENTA 10 PZ
 LAMES DE RASOIR, UNITÉ À 10 PIÈCES
 LAMETTE DA BARBA, UNITÀ DI VENDITA 10 PZ

SILVER
AD 515/19
 19,0 cm/7¹/₂



TROUTMAN-CHRIS
AD 550/09
 Ø 5,5 mm
 9,0 cm/3¹/₂"



TROUTMAN-CHRIS
AD 551/09
 Ø 5,5 mm
 9,0 cm/3¹/₂"



AD 552/11
 11,0 cm/4¹/₃"



CASTROVIEJO
AD 554/13
 Ø 8 mm
 13,0 cm/5"

NAHT
SUTURE
SUTURA
SUTURE
SUTURA

AE

nopa[®] instruments

Weitere Naht-Instrumente finden Sie in unserem Katalog „Allgemeines Instrumentarium“ in Gruppe AE.

For further suture instruments kindly refer to our catalogue „General Instruments“, section AE.

Para instrumentos de sutura adicionales, por favor consulte nuestro catálogo de „Instrumental de uso general“, grupo AE.

Pour des instruments de suture supplémentaires, consultez notre catalogue „Instrumentation Generale“, section AE.

Per gli altri accessori di sutura, consultare il nostro catalogo „Strumentazione Generale“, gruppo AE.



AE NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles
Portaghi



BOYNTON
AE 036/12
12,0 cm/4³/₄"

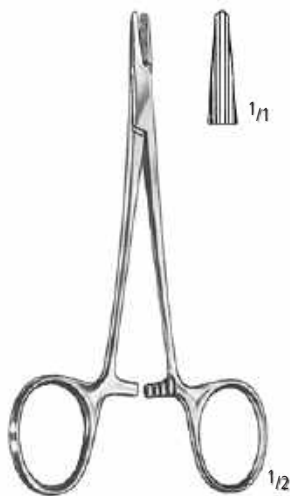


AE 038/16 **AE 039/16**

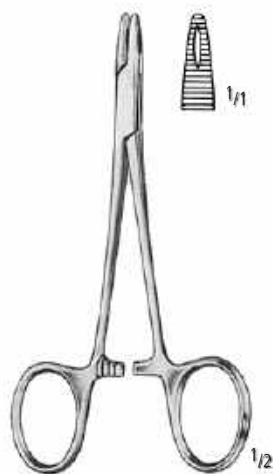
ARRUGA
16,0 cm/6¹/₄"



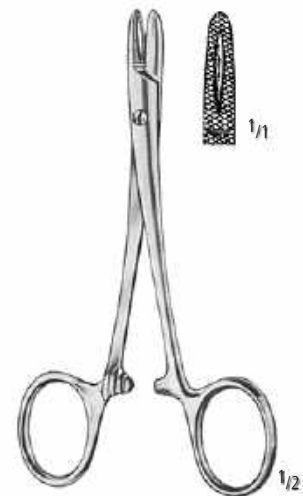
DERF
AE 050/12
12,0 cm/4³/₄"



DERF-CONVERSE
AE 052/12
12,5 cm/5"



COLLIER
AE 056/12
12,5 cm/5"

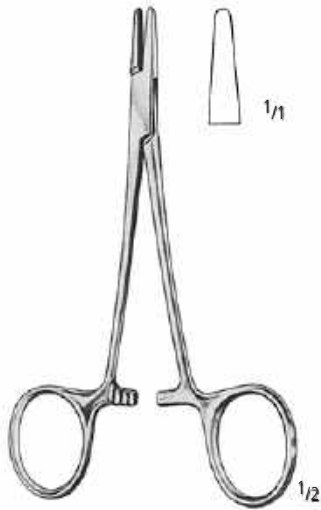


DOYEN
AE 058/12
12,5 cm/5"

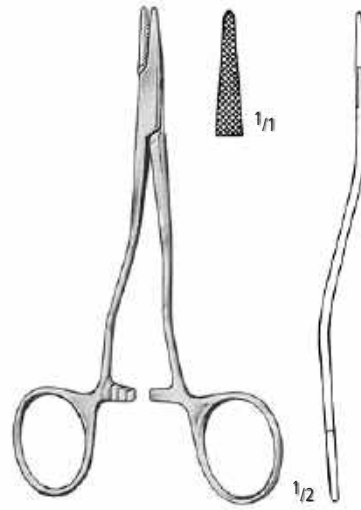
NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter
 Needle Holders
 Porta-agujas
 Porte-aiguilles
 Portaghi

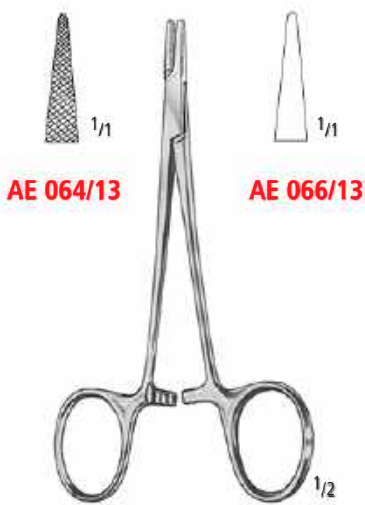
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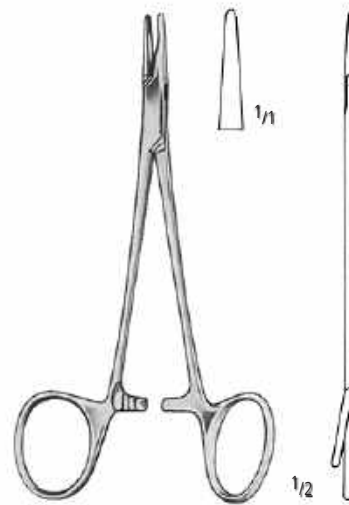
WEBSTER
AE 060/13
 13,0cm/5"



KILNER
AE 063/13
 13,0 cm/5"



HALSEY
 13,0cm/5"



NEIVERT
AE 068/13
 13,0cm/5"

AE NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter
 Needle Holders
 Porta-agujas
 Porte-aiguilles
 Portaghi



CRILE-WOOD

15,0 cm/6" **AE 070/15**
 18,0 cm/7" **AE 070/18**



BABY-CRILE-WOOD

AE 072/15
 15,0 cm/6"



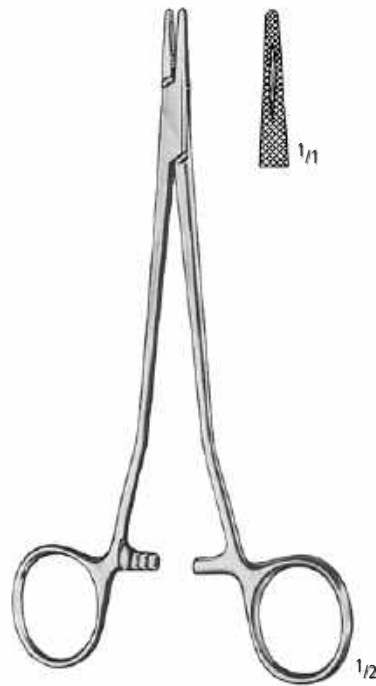
CARROLL

AE 074/15
 15,0 cm/6"



CRILE-MURRAY

AE 076/15
 15,0 cm/6"



SAROT

AE 080/18
 18,0 cm/7"

NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles
Portaghi

AE 088/15
15,0 cm/6"

AE 088/17
17,0 cm/6¾"

AE 090/17
17,0 cm/6¾"

ADSON
AE 094/18
18,0 cm/7"

SENNING
(Schwed. Modell)

M.G.H.
(Mass.-General-Hospital)

AE 100/14
14,0 cm/5½"

AE 100/16
16,0 cm/6¼"

AE 100/18
18,0 cm/7"

AE 100/20
20,0 cm/8"

MAYO-HEGAR-DELICATE

AE 110/16
16,0 cm/6¼"

AE 110/18
18,0 cm/7"

AE 110/20
20,0 cm/8"

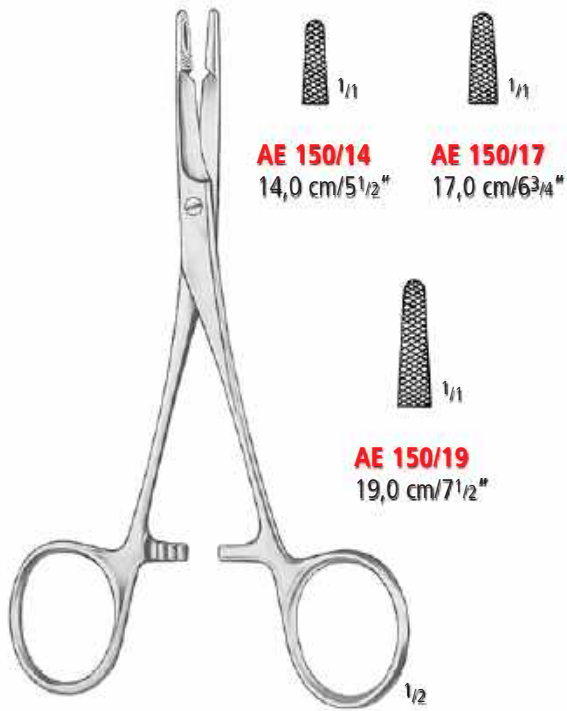
BAUMGARTNER
AE 112/14
14,0 cm/5½"

MAYO-HEGAR

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AE NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles
Portaghi

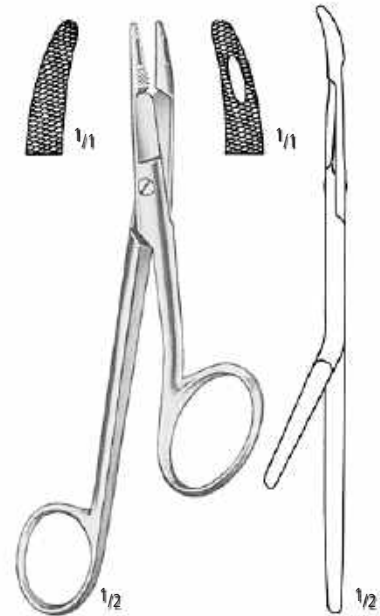


AE 150/14
14,0 cm/5 1/2"

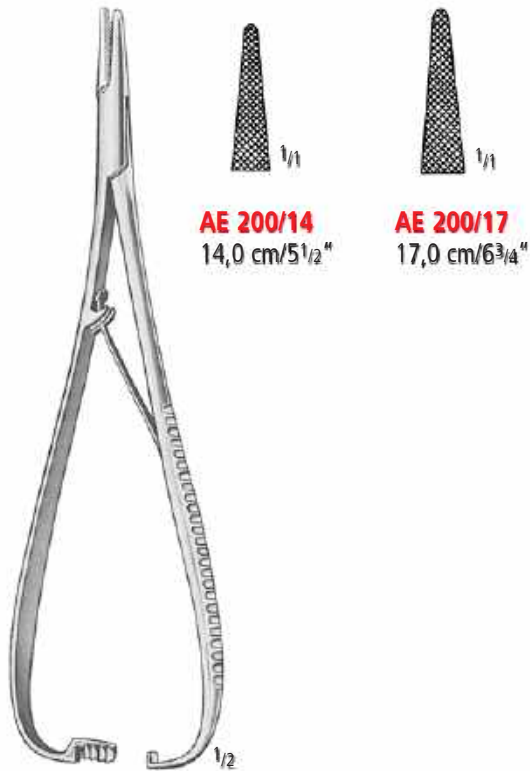
AE 150/17
17,0 cm/6 3/4"

AE 150/19
19,0 cm/7 1/2"

OLSEN-HEGAR



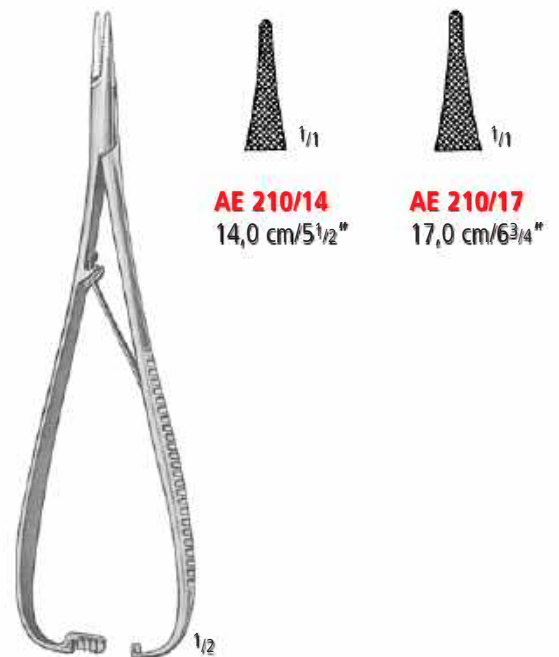
GILLIES
AE 155/16
16,0 cm/6 1/4"



AE 200/14
14,0 cm/5 1/2"

AE 200/17
17,0 cm/6 3/4"

MATHIEU



AE 210/14
14,0 cm/5 1/2"

AE 210/17
17,0 cm/6 3/4"

MATHIEU-DELICATE

NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles
Portaghi



CRILE
AE 224/15
15,0 cm/6"



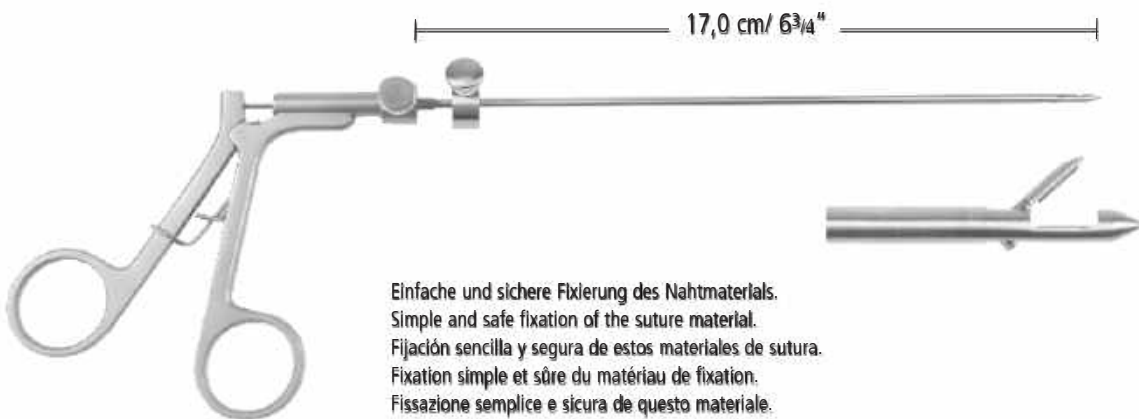
TOENNIS
AE 226/18
18,0 cm/7"



LANGENBECK

AE 228/18
18,0 cm/7"

AE 228/20
20,0 cm/8"



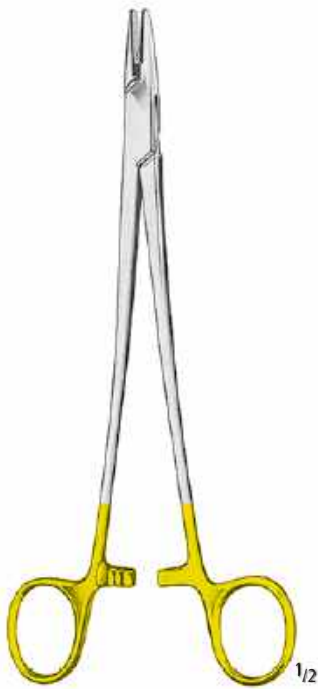
Suture Instrument
AE 310/17
Ø 3,0 mm

Einfache und sichere Fixierung des Nahtmaterials.
Simple and safe fixation of the suture material.
Fijación sencilla y segura de estos materiales de sutura.
Fixation simple et sûre du matériau de fixation.
Fissazione semplice e sicura de questo materiale.

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AE NAHT SUTURE SUTURA SUTURE SUTURA

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



MAYO-HEGAR



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



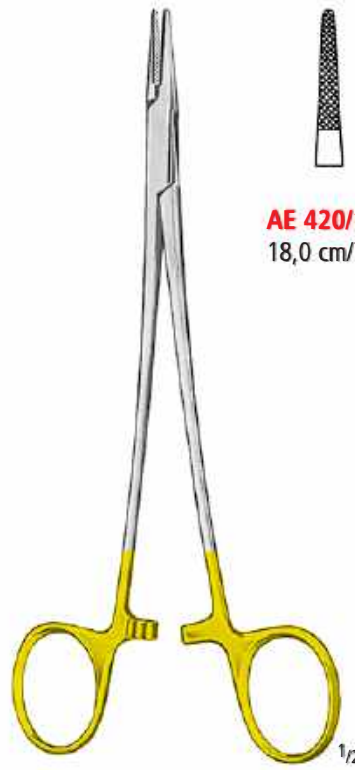
AE 400/16
16,0 cm/6 1/4"



AE 400/18
18,0 cm/7"



AE 400/20
20,0 cm/8"



**DE BAKEY
(MAYO-HEGAR-DELICATE)**



AE 420/18
18,0 cm/7"



AE 420/20
20,0 cm/8"

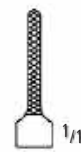
RYDER/FRENCH-EYE



AE 430/13
13,0 cm/5"



AE 430/15
15,0 cm/6"



AE 430/18
18,0 cm/7"

MICRO RYDER



AE 434/13
13,0 cm/5"



AE 434/15
15,0 cm/6"

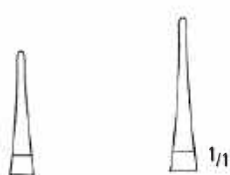


AE 434/18
18,0 cm/7"



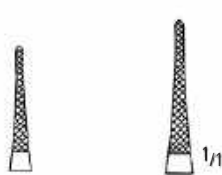
NAHT SUTURE SUTURA SUTURE SUTURA

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



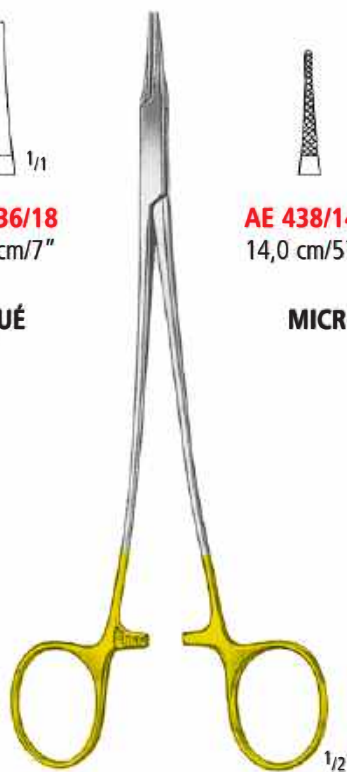
AE 436/14 14,0 cm/5¹/₂"
AE 436/18 18,0 cm/7"

EUFRATE PASQUÉ

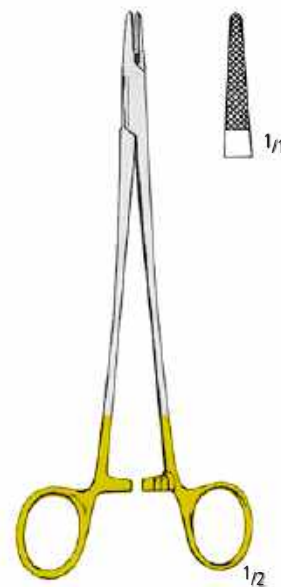


AE 438/14 14,0 cm/5¹/₂"
AE 438/18 18,0 cm/7"

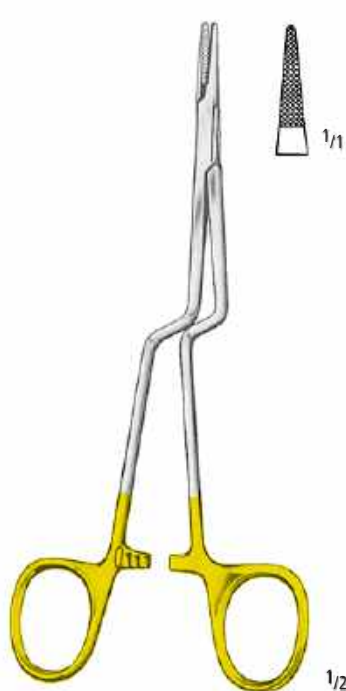
MICROVASCULAR



extrem fein extremely delicate muy fino très fin molto fino



CARROLL
AE 440/15
 15,0 cm/6"



JACOBSON
AE 444/18
 18,0 cm/7"



NEW ORLEANS
AE 446/18
 18,0 cm/7"



SENNING
 (SWEDISH PATTERN)

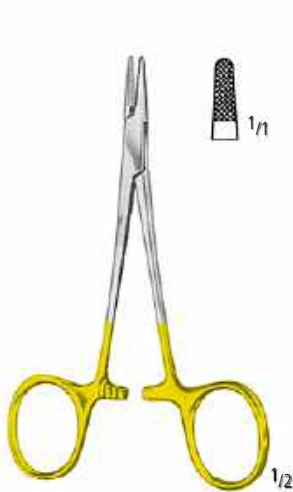
AE 448/15
 15,0 cm/6"

AE 448/17
 17,0 cm/6³/₄"

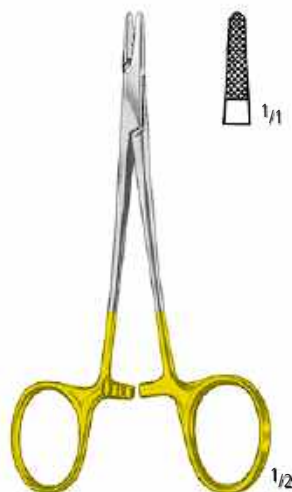
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AE NAHT SUTURE SUTURA SUTURE SUTURA

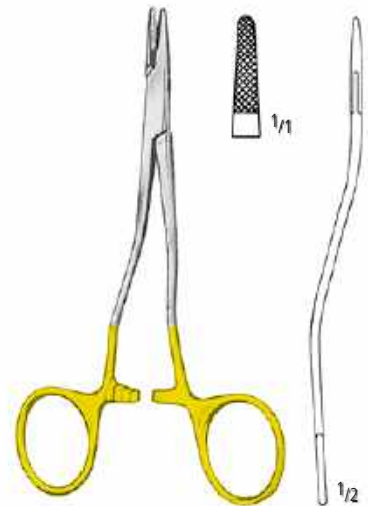
Nadelhalter mit Hartmetalleinsätzen
 Needle Holders with Tungsten Carbide Inserts
 Porta-agujas con bocas de carburo de Tungsteno
 Porte-aiguilles à mors en carbure de tungstène
 Portaghi con placche di carburo di tungsteno



DERF
AE 450/12
 12,5 cm/5"

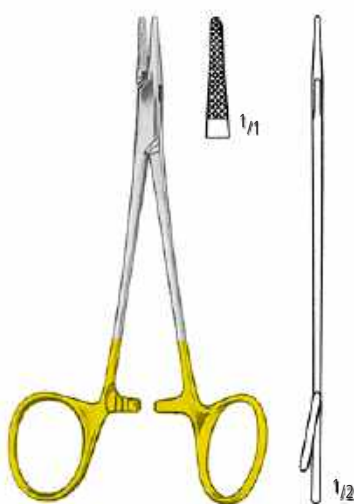


CONVERSE
AE 452/12
 12,5 cm/5"

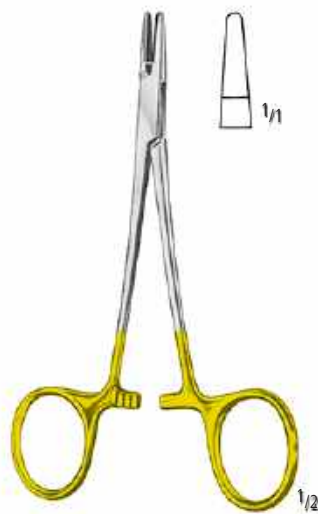


KILNER
AE 455/13
 13,5 cm/5 1/4"

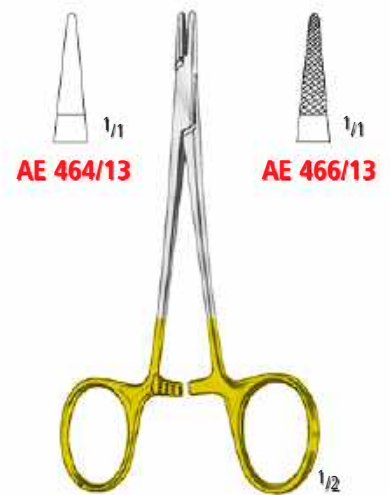
nopa[®]
TUC



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



WEBSTER
AE 460/13
 13,0 cm/5"



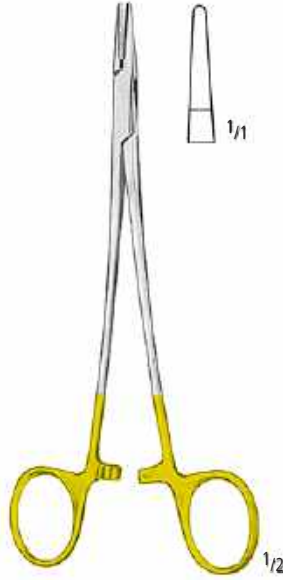
HALSEY
 13,0 cm/5"

NAHT SUTURE SUTURA SUTURE SUTURA

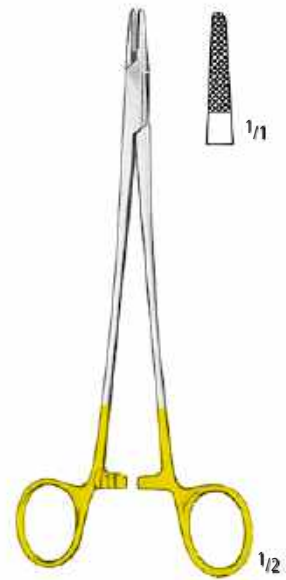
Nadelhalter mit Hartmetalleinsätzen
 Needle Holders with Tungsten Carbide Inserts
 Porta-agujas con bocas de carburo de Tungsteno
 Porte-aiguilles à mors en carbure de tungstène
 Portaghi con placche di carburo di tungsteno



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

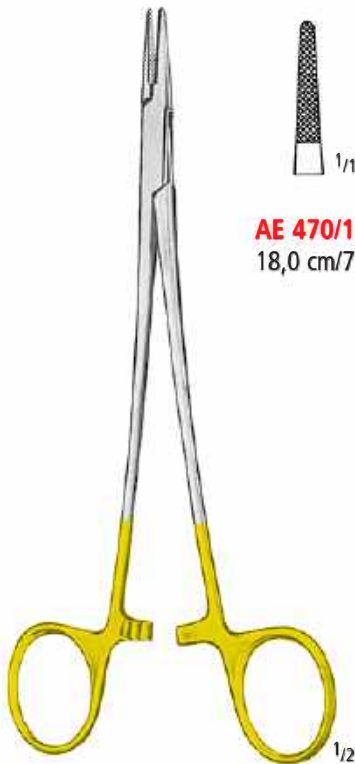


CRILE-WOOD
AE 469/15
 15,0 cm/6"

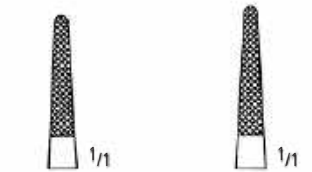


CRILE-WOOD
AE 470/15
 15,0 cm/6"

nopa®
TUC



CRILE-WOOD



AE 470/18
 18,0 cm/7"

AE 470/20
 20,0 cm/8"



AE 471/18
 18,0 cm/7"



SAROT

AE 480/18
 18,0 cm/7"

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Nadelhalter diamantstaubbeschichtet
Needle Holders diamond dust coated
Porta-agujas polvo de diamante recubierto
Porte-aiguilles enduit de poussière de diamant
Portaghi polvere diamantata

nopa® DIAMOND



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

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

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

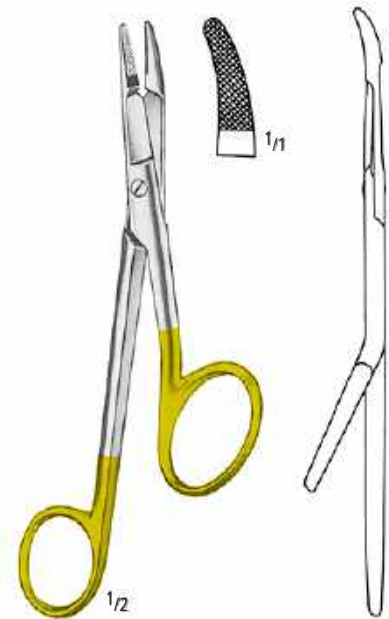


AE 488/14
 14,0 cm/5 1/2"

AE 488/17
 17,0 cm/6 3/4"

AE 488/19
 19,0 cm/7 1/2"

OLSEN-HEGAR



GILLIES
AE 490/16
 16,0 cm/6 1/4"

MATHIEU



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

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

MATHIEU



AE 501/14
 14,0 cm/5 1/2"

MATHIEU

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AE NAHT SUTURE SUTURA SUTURE SUTURA

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



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



1/1



1/1



1/1

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

AE 504/20
 20,0 cm/8"



AE 507/17
 17,0 cm/6 3/4"



1/1



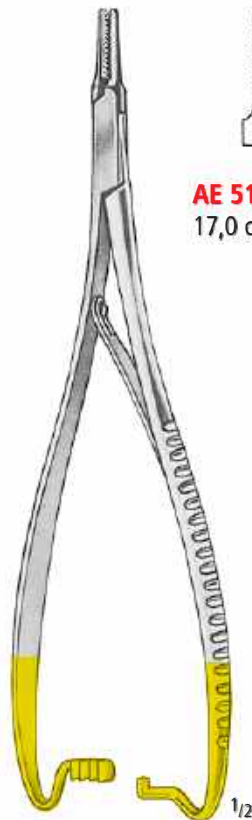
1/1

AE 507/19
 19,5 cm/7 1/2"

MATHIEU-DELICATE



METZENBAUM



AE 510/17
 17,0 cm/6 3/4"



1/1

MATHIEU-RYDER



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



1/1

MATHIEU-RYDER VASCULAR

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



BOYNTON
 12,0 cm/4³/₄"



ARRUGA
 16,0 cm/6¹/₄"



TOENNIS
AE 522/18
 18,0 cm/7"



LICHTENBERG
AE 524/20
 20,0 cm/8"

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AE NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter, Drahtzangen mit Hartmetalleinsätzen
 Needle Holders, Wire Twisting Forceps with Tungsten Carbide Inserts
 Porta-agujas, Pinzas para torcer hilos con bocas de carburo de Tungsteno
 Porte-aiguilles, Pinces à torsader le fil à mors en carbure de tungstène
 Portaghi, Pinze per ritorcere fili con placche di carburo di tungsteno



AE 542/18
18,0 cm/7"

LANGENBECK-DELICATE



AE 544/18
18,0 cm/7"



AE 544/20
20,0 cm/8"

LANGENBECK-RYDER



AE 550/13
13,0 cm/5"



AE 550/18
18,0 cm/7"

STERNUM



AE 551/01
15,0 cm/6"



AE 551/02
18,0 cm/7"



AE 556/01
16,5 cm/6 1/2"



AE 556/02
15,0 cm/6"



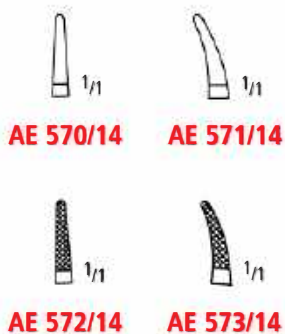
AE 556/03
15,0 cm/6"



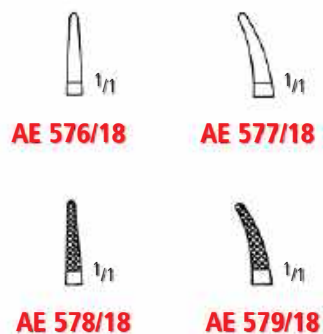
CORWIN

NAHT SUTURE SUTURA SUTURE SUTURA

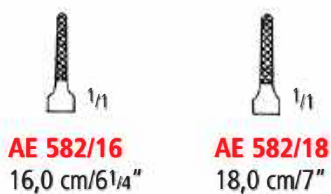
Mikro-Nadelhalter mit Hartmetalleinsätzen
 Micro-Needle Holders with Tungsten Carbide Inserts
 Micro-Porta-agujas con bocas de carburo de Tungsteno
 Micro-Porte-aiguilles à mors en carbure de tungstène
 Micro-Portaghi con placche di carburo di tungsteno



CASTROVIEJO
 14,0 cm/5½"



18,0 cm/7"



DIETHRICH



KALT
AE 584/14
 13,5 cm/5¼"



CASTROVIEJO
AE 586/13
 13,0 cm/5"

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AE NAHT SUTURE SUTURA SUTURE SUTURA

Mikro-Nadelhalter mit Rundgriff, diamantstaubbeschichtet
 Micro-Needle Holders with Pen-Type Handle, diamond dust coated
 Micro-Porta-agujas con mango redondo, polvo de diamante recubierto
 Micro-Porte-aiguilles à manches rondes, enduit de poussière de diamant
 Micro-Portaghi con manici rotondi, polvere diamantata

nopa[®] DIAMOND



1/1

KS 080/14
14,0 cm/5 1/2"



1/1

KS 080/18
18,0 cm/7"

1/1



1/1

KS 081/14
14,0 cm/5 1/2"



1/1

KS 081/18
18,0 cm/7"

1/1

NAHT SUTURE SUTURA SUTURE SUTURA

Mikro-Nadelhalter mit Rundgriff, diamantstaubbeschichtet
 Micro-Needle Holders with Pen-Type Handle, diamond dust coated
 Micro-Porta-agujas con mango redondo, polvo de diamante recubierto
 Micro-Porte-aiguilles à manches rondes, enduit de poussière de diamant
 Micro-Portaghi con manici rotondi, polvere diamantata

nopa® DIAMOND



KS 082/21



KS 083/21

21,0 cm/8 1/4"

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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



REILL
 15,0 cm/6"



REILL
 15,0 cm/6"

NAHT SUTURE SUTURA SUTURE SUTURA

Mikro-Nadelhalter mit Rundgriff
 Micro-Needle Holders with Pen-Type Handle
 Micro-Porta-agujas con mango redondo
 Micro-Porte-aiguilles à manches rondes
 Micro-Portaghi con manici rotondi



AE 621/14
 14,0 cm/5 1/2"



AE 623/14
 14,0 cm/5 1/2"

...für Rechtshänder
 ...for right handed surgeons
 ...para diestros
 ...pour des droitiers
 ...per destrimani

Maulteil konkav/konvex
 Jaws concave/convex
 Bocas concavas/convexas
 Mors concave/convexe
 Morso concavo/convesso



AE 625/14
 14,0 cm/5 1/2"

...für Linkshänder
 ...for left handed surgeons
 ...para zurdos
 ...pour gaucher
 ...per mancini

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AE NAHT SUTURE SUTURA SUTURE SUTURA

Mikro-Nadelhalter mit Rundgriff
 Micro-Needle Holders with Pen-Type Handle
 Micro-Porta-agujas con mango redondo
 Micro-Porte-aiguilles à manches rondes
 Micro-Portaghi con manici rotondi



AE 630/18
 18,0 cm/7"



AE 631/18
 18,0 cm/7"



AE 632/18
 18,0 cm/7"



AE 633/18
 18,0 cm/7"

NAHT SUTURE SUTURA SUTURE SUTURA

Mikro-Nadelhalter
 Micro-Needle Holders
 Micro-Porta-agujas
 Micro-Porte-aiguilles
 Micro-Portaghi

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AE 680/16
AE 680/18

16,5 cm/6 1/2"
 18,0 cm/7"



AE 681/16
AE 681/18

AE NAHT SUTURE SUTURA SUTURE SUTURA

Reverdin-Nadeln, Unterbindungsnadeln
 Reverdin Needles, Ligature Needles
 Agujas de Reverdin, Agujas para ligaduras
 Aiguilles de Reverdin, Aiguilles à ligatures
 Aghi di Reverdin, Aghi per legatura



REVERDIN
 14,0 cm/5¹/₂"



Fig. 1
AE 700/01



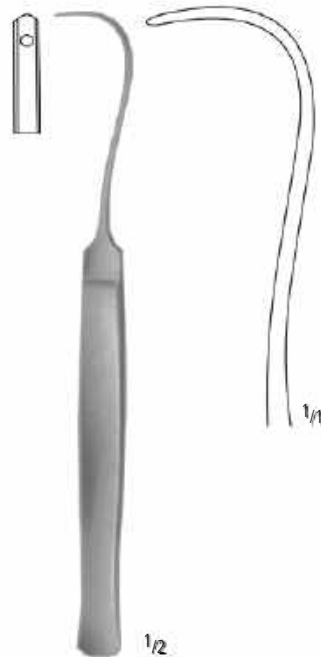
2
AE 700/02



3
AE 700/03



4
AE 700/04

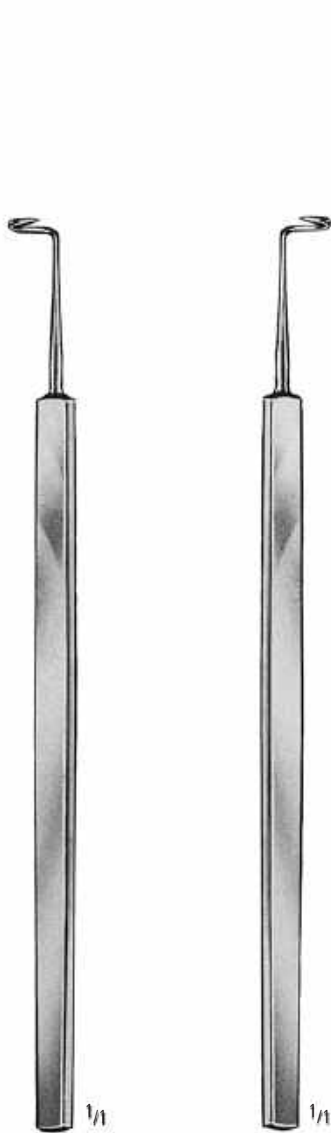


SYME
AE 753/17
 17,0 cm/6³/₄"

NAHT SUTURE SUTURA SUTURE SUTURA

Unterbindungsnadeln
Ligature Needles
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura

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DE LA ROZA
AE 767/01
12,0 cm/4³/₄"

DE LA ROZA
AE 767/02
12,0 cm/4³/₄"



HESSBERG
AE 768/15
15,0 cm/6"



JACOBI
AE 769/14
14,0 cm/5¹/₂"



KRONECKER
AE 770/01
15,0 cm/6"



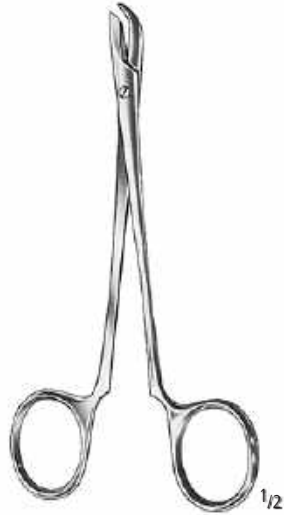
KRONECKER
AE 770/02
15,0 cm/6"

AE NAHT SUTURE SUTURA SUTURE SUTURA

Wundklammerzängchen
Suture Forceps
Pinzas para agrafes
Pincers pour agrafes
Pinze per agrafes



MICHEL
AE 850/12
12,0 cm/4³/₄"



COLLIN
AE 852/13
13,0 cm/5"



RICHTER-HEATH
AE 853/14
14,0 cm/5¹/₂"



WACHENFELDT
AE 855/01
12,5 cm/5"



HEGENBARTH
AE 856/12
12,5 cm/5"



MICHEL
AE 858/12
12,0 cm/4³/₄"

NAHT SUTURE SUTURA SUTURE SUTURA

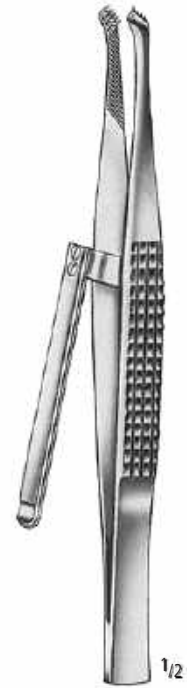
Wundklammerzängchen, -pinzetten und Wundklammern
 Suture Forceps and Clips
 Pinzas para agrafes y agrafes
 Pincas pour agrafes et agrafes
 Pinze per agrafes ed agrafes



LANGE
AE 859/10
 10,0 cm/4"



CHILDE
AE 860/01
 18,0 cm/7"



CHILDE
AE 860/02
 18,0 cm/7"

Verkaufseinheit: 1000 Stück
 Unit for Sale: 1000 each
 Unidad de venta: 1000 piezas
 Unité de vente: 1000 pièces
 Unità di vendita: 1000 pezzi



MICHEL

Größen
 sizes
 tamaños
 dimensions
 dimensioni

Artikel Nr.	mm	
AE 870/08	7,5 x 1,75	
AE 870/11	11 x 2,5	
AE 870/12	12 x 3	
AE 870/14	14 x 3	
AE 870/16	16 x 3	
AE 870/18	18 x 3	
AE 870/20	20 x 3	

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Weitere Instrumente der Bereiche AF-AR finden Sie in unserem Katalog „Allgemeines Instrumentarium“ in den Gruppen AF-AR.

For further instruments of the section AF-AR kindly refer to our catalogue „General Instruments“, sections AF-AR.

Para instrumentos adicionales del este grupo AF-AR, por favor consulte nuestro catálogo de „Instrumental de uso general“, grupos AF-AR.

Pour instruments supplémentaires AF-AR, consultez notre catalogue „Instrumentation Generale“, sections AF-AR.

Per altri strumenti de questo gruppo AF-AR, consultare il nostro catalogo „Strumentazione Generale“, gruppi AF-AR.

AF-AR

nopa[®] instruments

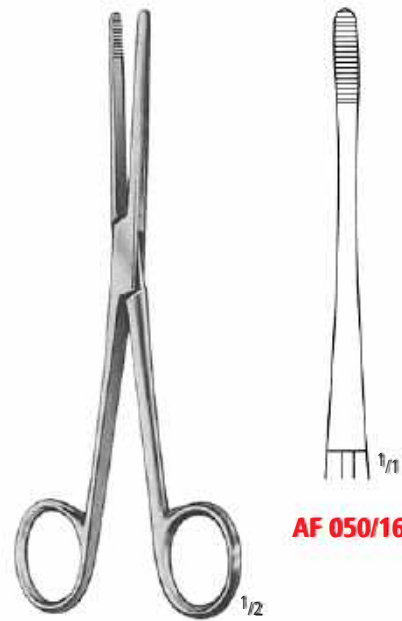
Tupferzangen	Seite	129-134
Sponge Forceps	Page	129-134
Pinzas para pólipos	Página	129-134
Pinces à panséments	Page	129-134
Pinze per polipi	Pagina	129-134
Wundhaken	Seite	135-152
Retractors	Page	135-152
Separadores	Página	135-152
Ecarteurs	Page	135-152
Divaricatori	Pagina	135-152
Sonden	Seite	153-155
Probes	Page	153-155
Sondas	Página	153-155
Sondes	Page	153-155
Sonde	Pagina	153-155
Punktion/Kanülen	Seite	156-162
Puncture/Special Needles	Page	156-162
Punción/Agujas especiales	Página	156-162
Ponction/Aiguilles spéciales	Page	156-162
Puntura/Aghi speciali	Pagina	156-162
Narkose	Seite	163-180
Anaesthesia	Page	163-180
Anestesia	Página	163-180
Anesthésie	Page	163-180
Anestesia	Pagina	163-180
Diagnostik	Seite	181-194
Diagnostics	Page	181-194
Diagnóstico	Página	181-194
Diagnostic	Page	181-194
Diagnostica	Pagina	181-194



Schwammzangen
Sponge Holding Forceps
Pinzas para esponjas
Pinces à éponges
Pinze per spugne



BRYANT
AF 040/13
13,0 cm/5"



LISTER
13,0 cm/5" **AF 050/13**
16,0 cm/6¹/₄" **AF 050/16**
18,0 cm/7" **AF 050/18**

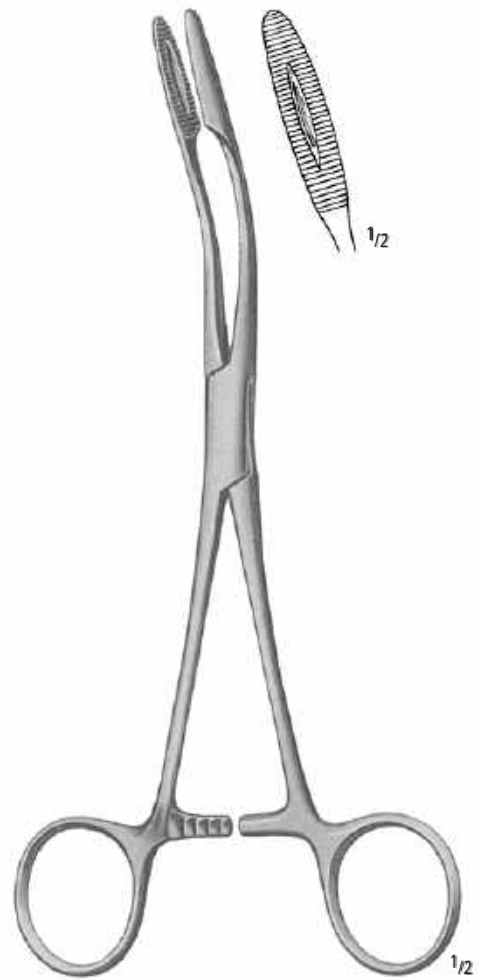
AF 050/16

Korn- und Tupferzangen, Schwammzangen
 Polypus and Dressing Forceps, Sponge Holding Forceps
 Pinzas para pólipos, tapones y esponjas
 Pincas à pansements, à tampons et à éponges
 Pinze per polipi, tamponi e spugne



GROSS-MAIER
AF 100/20
AF 100/25

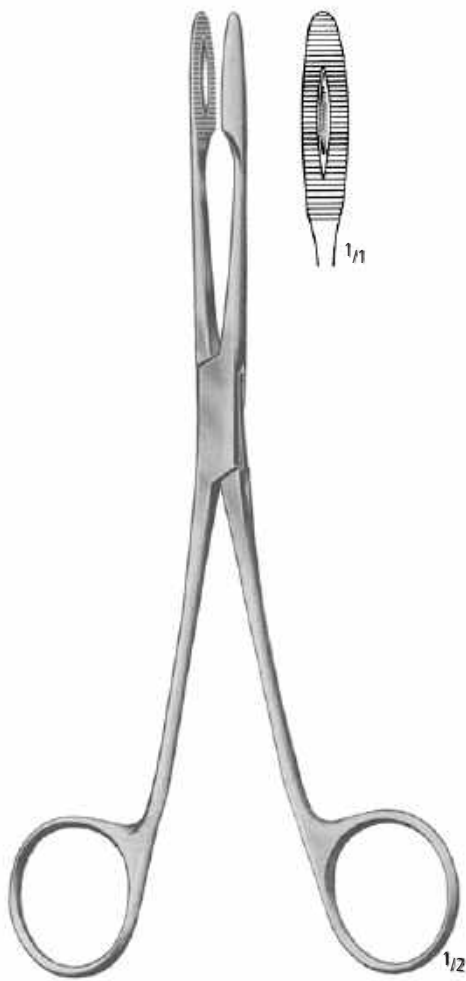
20,0 cm/8"
 25,0 cm/10"



GROSS-MAIER
AF 101/20
AF 101/25

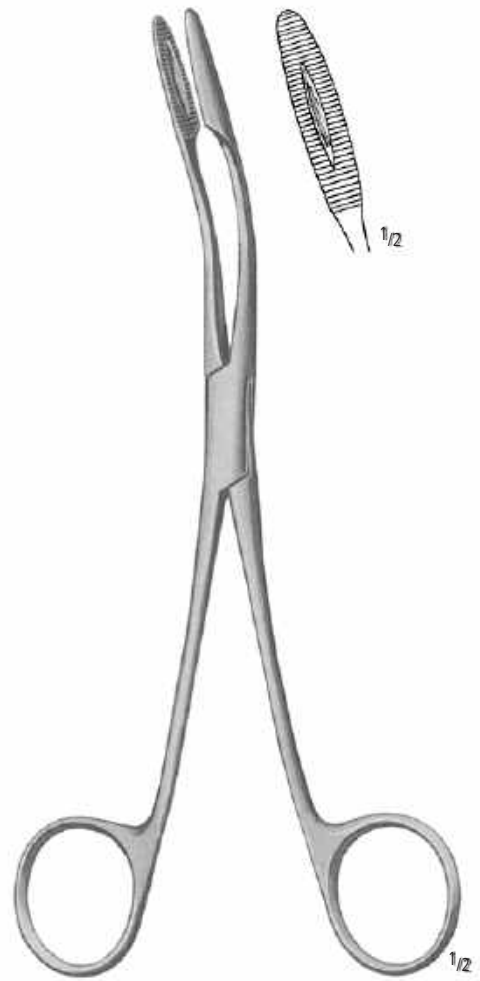
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Korn- und Tupferzangen, Schwammzangen
 Polypus and Dressing Forceps, Sponge Holding Forceps
 Pinzas para pólipos, tapones y esponjas
 Pincers à pansements, à tampons et à éponges
 Pinze per polipi, tamponi e spugne



GROSS-MAIER
AF 102/20
AF 102/25

20,0 cm/8"
 25,0 cm/10"



GROSS-MAIER
AF 103/20
AF 103/25

Korn- und Tupferzangen, Schwammzangen
 Polypus and Dressing Forceps, Sponge Holding Forceps
 Pinzas para pólipos, tapones y esponjas
 Pincas à pansements, à tampons et à éponges
 Pinze per polipi, tamponi e spugne



DUPLAY
AF 176/20
 20,5 cm/8"



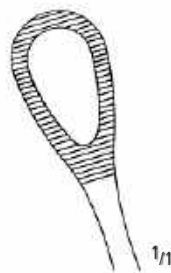
DUPLAY
AF 177/20
 20,5 cm/8"



FOERSTER-BALLENGER



AF 200/18
AF 200/20



AF 201/18
AF 201/20

18,0 cm/7"
 20,0 cm/8"



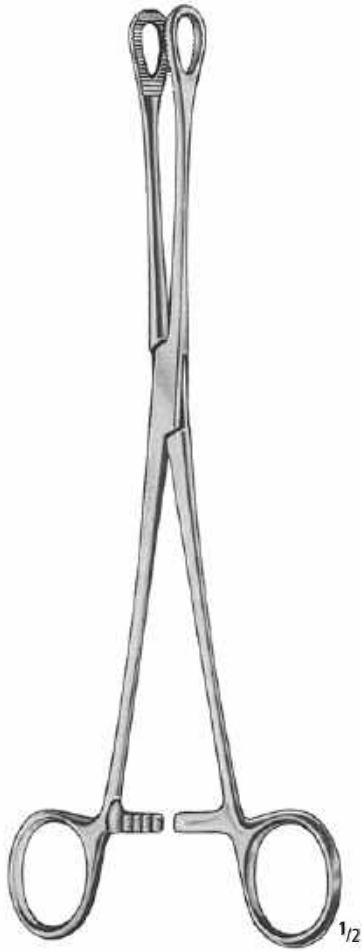
AF 202/18
AF 202/20



AF 203/18
AF 203/20

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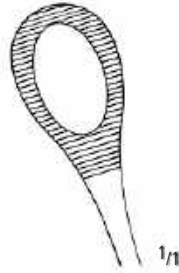
Korn- und Tupferzangen, Schwammzangen
 Polypus and Dressing Forceps, Sponge Holding Forceps
 Pinzas para pólipos, tapones y esponjas
 Pincas à pansements, à tampons et à éponges
 Pinze per polipi, tamponi e spugne



FOERSTER-BALLENGER
 25,0 cm/10"



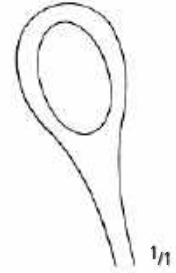
AF 200/25



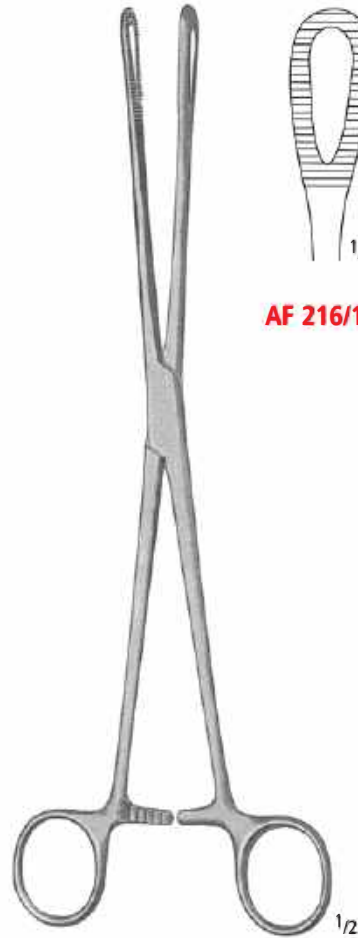
AF 201/25



AF 202/25



AF 203/25



RAMPLEY
 18,0 cm/7"



AF 216/18

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



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



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



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



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



AK 026/01



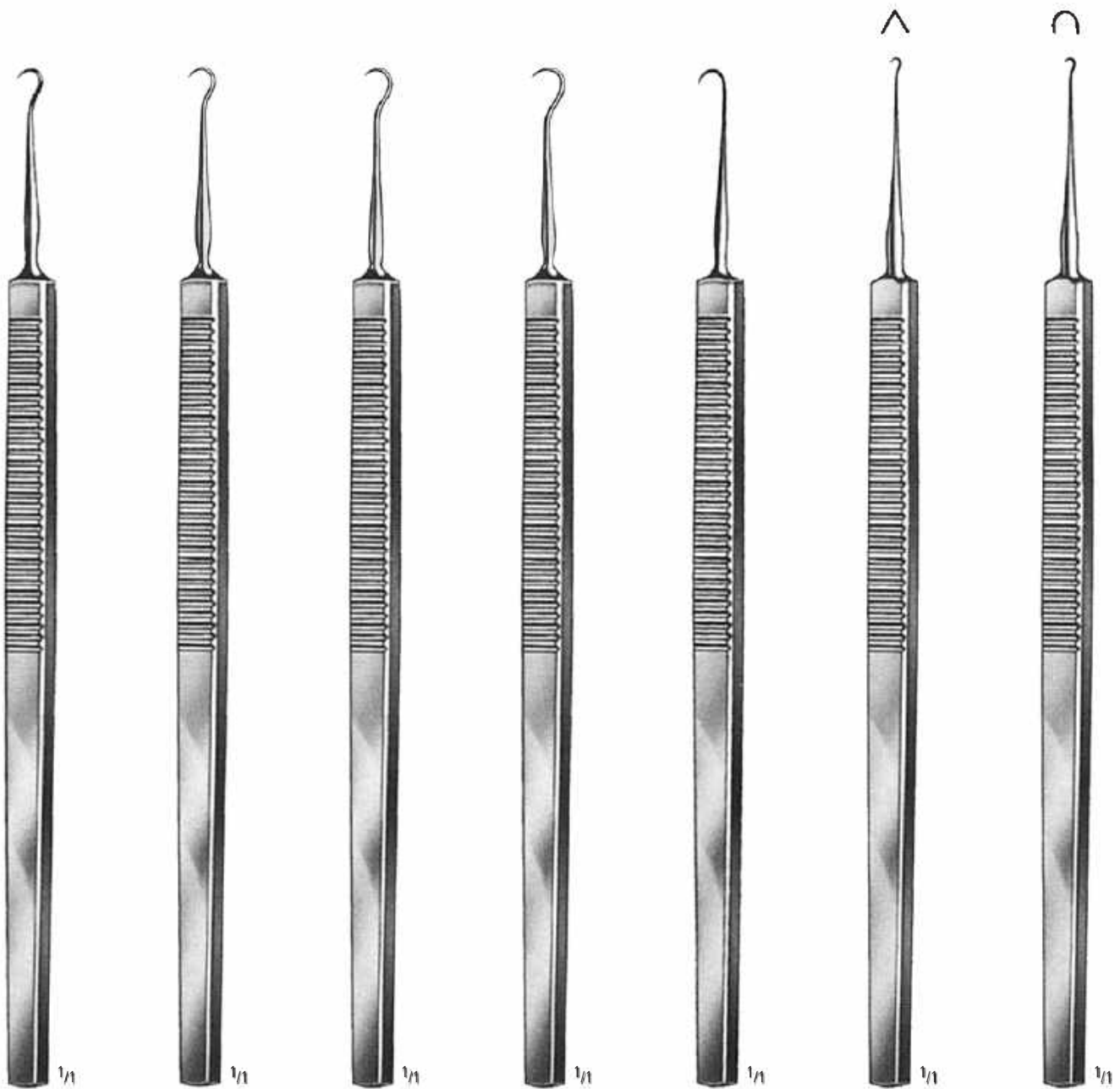
KLEINERT-KUTZ
AK 026/02
16,0 cm/6 1/4"



AK 026/03

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Feine Wundhaken
 Delicate Hooks
 Ganchos
 Crochets très fins
 Divaricatori sottili



AK 028/01
 16,0 cm/6 1/4"

AK 028/02
 16,0 cm/6 1/4"

AK 028/03
 16,0 cm/6 1/4"

AK 028/04
 16,0 cm/6 1/4"

O' CONNOR
AK 030/16
 16,0 cm/6 1/4"

GRAEFE
AK 032/01
 16,0 cm/6 1/4"

GRAEFE
AK 032/02
 16,0 cm/6 1/4"

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili

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CUSHING
28,0 cm/11"



AK 034/01



AK 034/02



AK 036/01



AK 036/02



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



AK 040/05
5 mm



AK 040/07
7 mm

17,0 cm/6³/₄"



AK 042/10
Ø 1,0 mm



AK 042/12
Ø 1,2 mm

18,5 cm/7¹/₃"



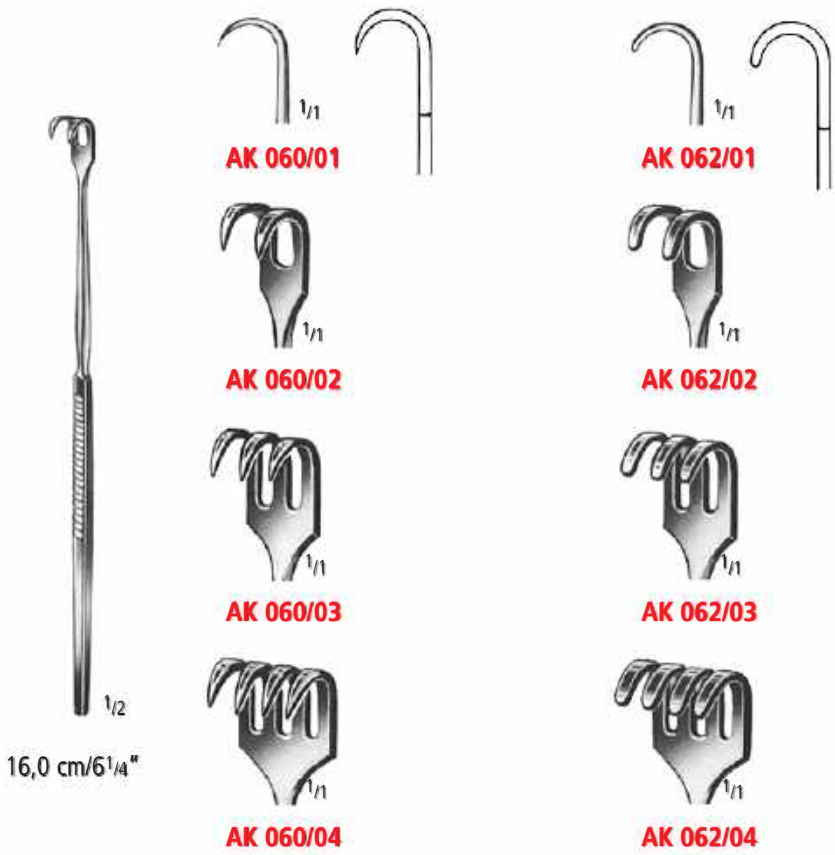
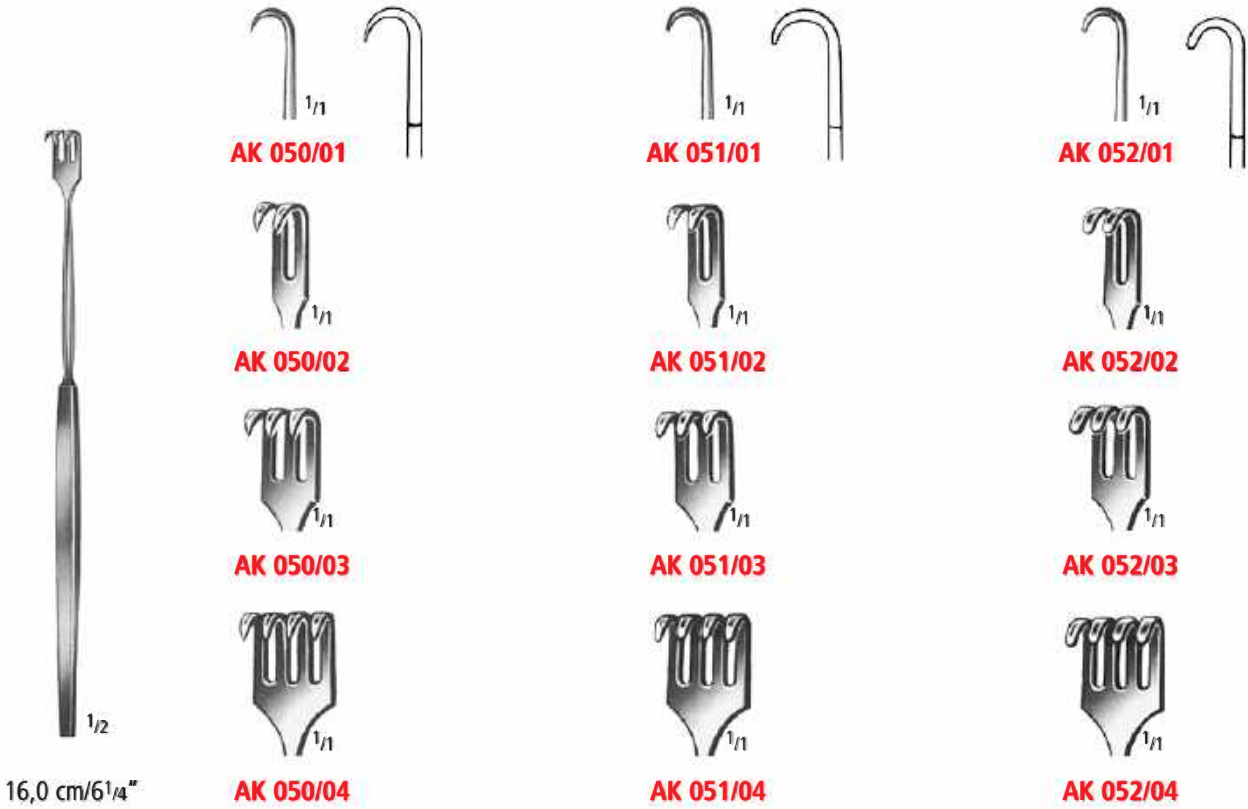
AK 044/11
11,0 cm/4¹/₃"



AK

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



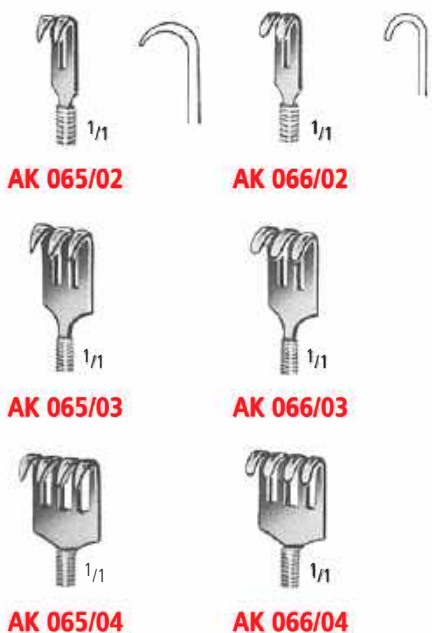
WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



flexibel
flexible
flexible
flexible
flessibile

16,0 cm/6 1/4"



AK 065/02

AK 066/02

AK 065/03

AK 066/03

AK 065/04

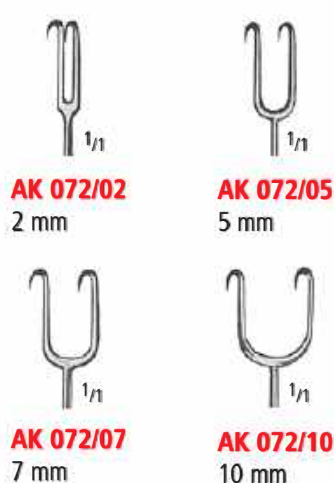
AK 066/04



JOSEPH
AK 070/16
16,0 cm/6 1/4"



JOSEPH
16,0 cm/6 1/4"



AK 072/02
2 mm

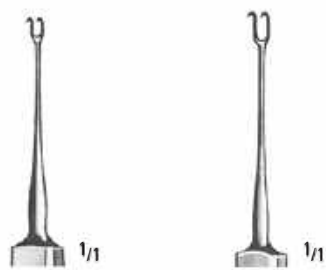
AK 072/05
5 mm

AK 072/07
7 mm

AK 072/10
10 mm



GUTHRIE
16,0 cm/6 1/4"



AK 074/01

AK 074/02



ROLLET
AK 076/13
13,0 cm/5"



AK 077/13

AK 078/13

KNAPP
13,0 cm/5"

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Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



MEYERDING
18,0 cm/7"



AK 080/01
18 x 7 mm



AK 080/02
16 x 5 mm



AK 080/03
7 x 4 mm



AK 080/04
10 x 3 mm



AK 080/05
7 x 4 mm



AK 080/06
4 x 10 mm



SENN-GREEN
15,0 cm/6"



AK 082/10
10 x 6 mm



AK 082/20
22 x 8 mm



MINI-LANGENBECK
16,0 cm/6¼"



AK 086/10
10 x 6 mm



AK 086/17
17 x 5 mm



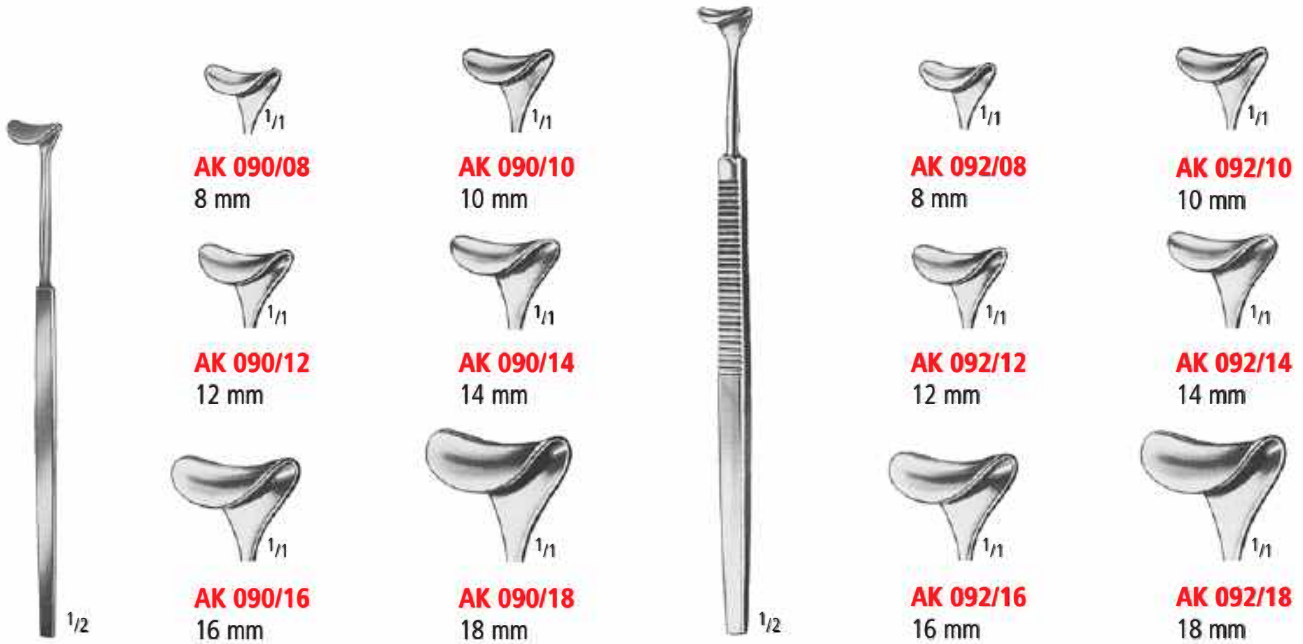
AK 086/20
20 x 6 mm



AK 086/22
22 x 8 mm

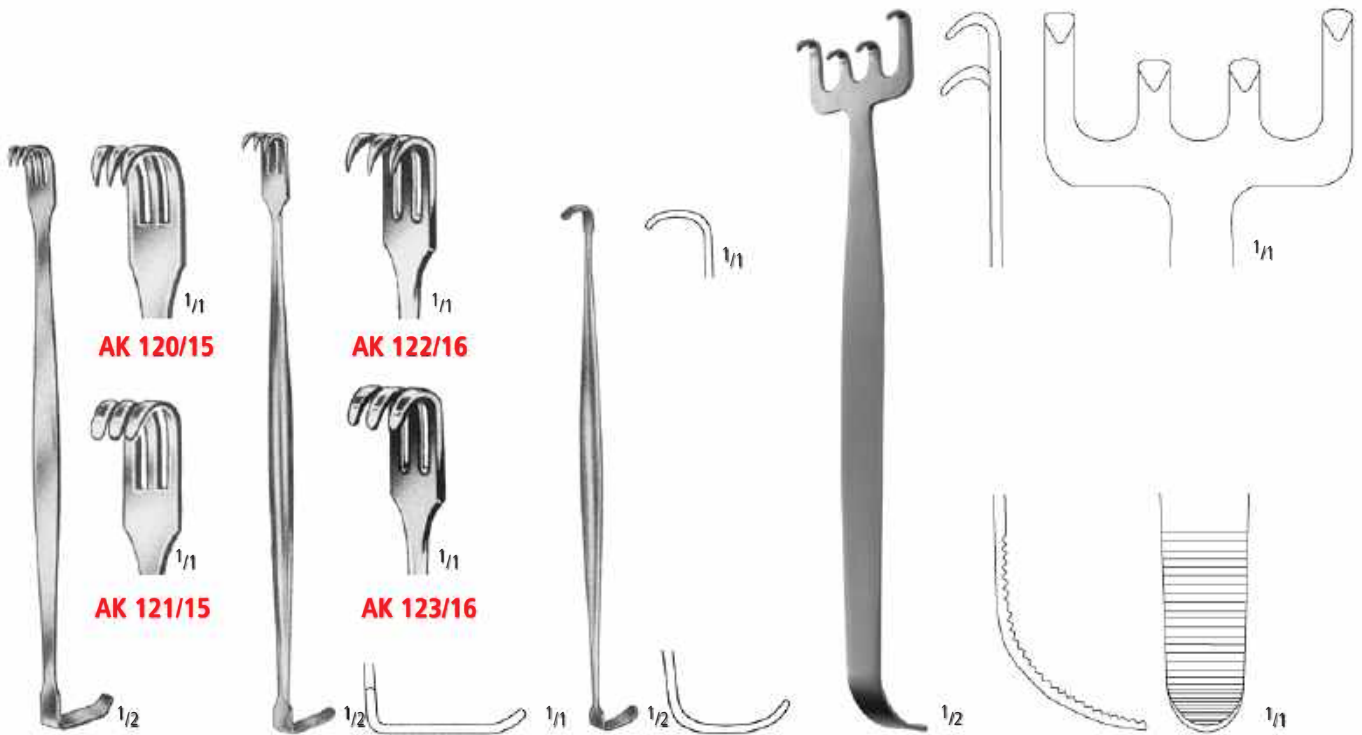
WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



DESMARRES
13,0 cm/5"

DESMARRES
16,0 cm/6 1/4"



BABY-SENN-MILLER
15,0 cm/6"

SENN-MILLER
16,0 cm/6 1/4"

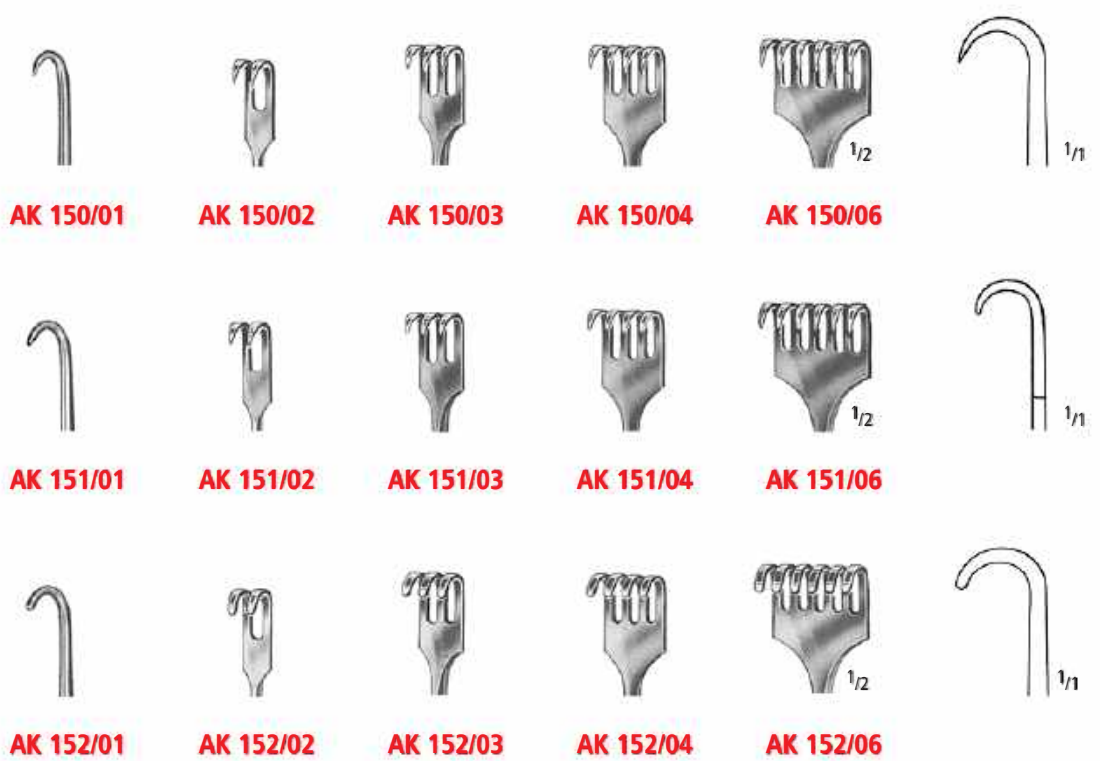
RAGNELL-DAVIS
AK 125/14
14,0 cm/5 1/2"

WALTER
AK 128/19
19,0 cm/7 1/2"

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VOLKMANN
21,5 cm/8¹/₂"

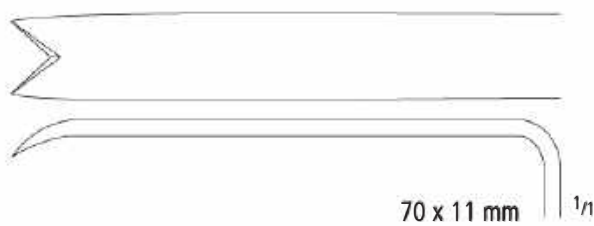


KOCHER
22,0 cm/8³/₄"





OBWEGESER
AK 225/02
 24,0 cm/9 1/2"



KOCHER-LANGENBECK
 21,5 cm/8 1/2"



AK 233/01
 25 x 6 mm



AK 233/02
 35 x 8 mm



AK 233/03
 35 x 11 mm



AK 233/04
 35 x 15 mm

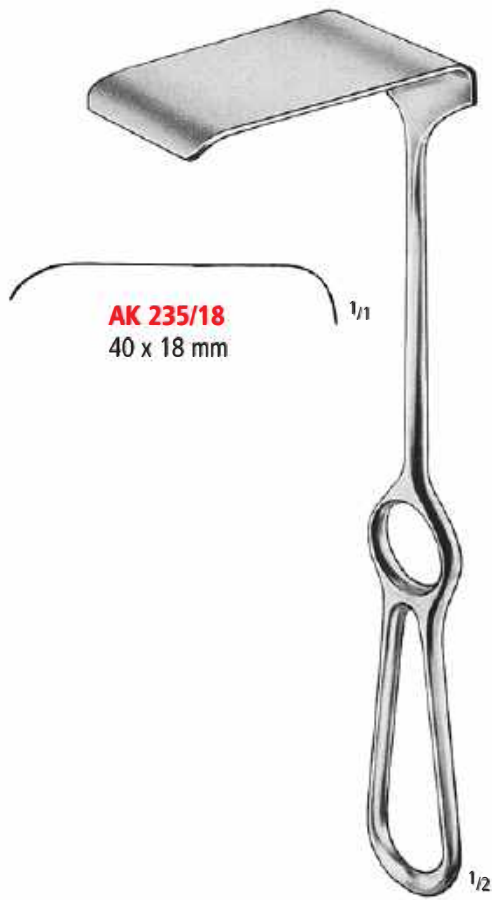


AK 233/05
 40 x 11 mm



AK 233/06
 55 x 11 mm

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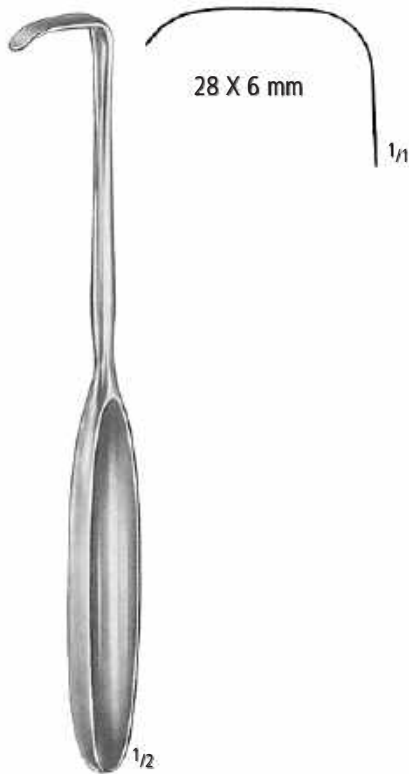
AK 235/18
40 x 18 mm

KOCHER
23,0 cm/9"



AK 236/01
44 x 16 mm

SAUERBRUCH
22,5 cm/8³/₄"



28 X 6 mm

LAHEY
AK 242/19
19,0 cm/7¹/₂"



12 X 14 mm

LITTLE
AK 243/20
20,0 cm/8"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI



MIDDELDORPF
AK 244/17-30



14 X 17 mm

AK 244/17
AK 245/17
21,5 cm/8½"



20 X 22 mm

AK 244/22
AK 245/22
22,0 cm/8¾"



26 X 30 mm

AK 244/30
AK 245/30
23,5 cm/9⅓"



MIDDELDORPF
AK 245/17-30



RICHARDSON (KELLY)
24,0 cm/9½"



AK 247/01
28 X 20 mm



AK 247/02
36 x 28 mm



AK 247/03
44 X 38 mm

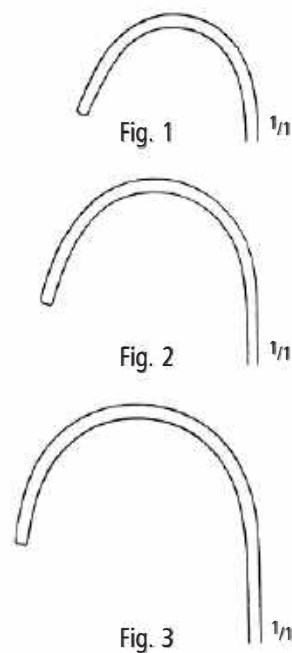


AK 247/04
52 X 22 mm



AK 247/05
65 X 50 mm

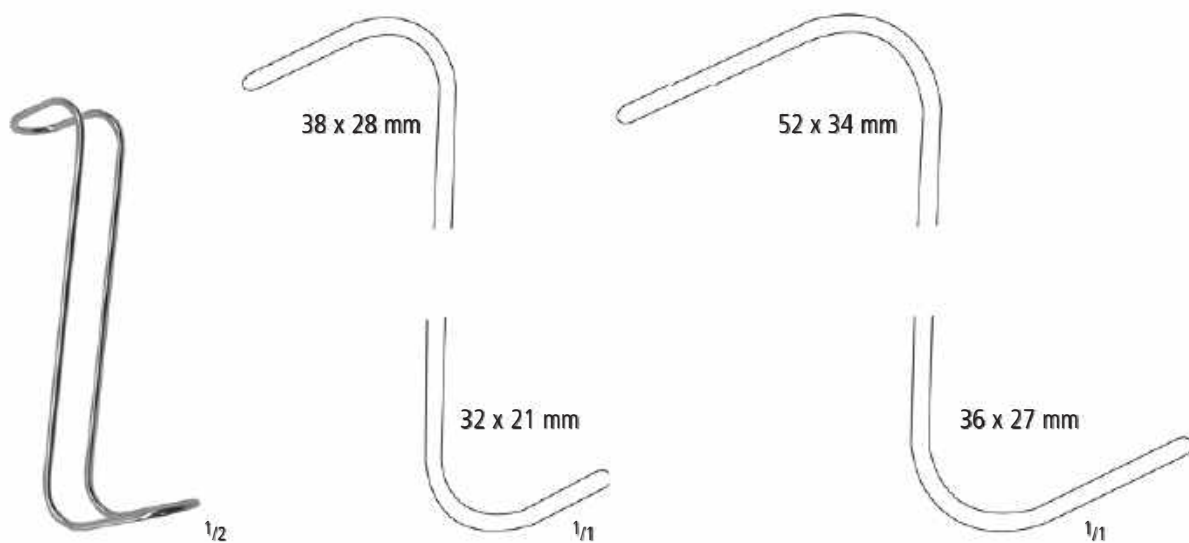
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ROUX

16,5 cm/6 1/2"

- Fig. 1+2+3 **AK 350/00**
- Fig. 1 **AK 350/01**
- Fig. 2 **AK 350/02**
- Fig. 3 **AK 350/03**



COLLIN-HARTMANN

- 14,0 cm/5 1/2" **AK 351/14**
- 16,0 cm/6 1/4" **AK 351/16**



Fig. 1 **AK 352/01**
Fig. 2 **AK 352/02**

FARABEUF
AK 352/00 Fig. 1+2
12,0 cm/4³/₄"



Fig. 1 **AK 354/01**
Fig. 2 **AK 354/02**

FARABEUF
AK 354/00 Fig. 1+2
15,0 cm/6"



Fig. 1 **AK 373/01**
Fig. 2 **AK 373/02**

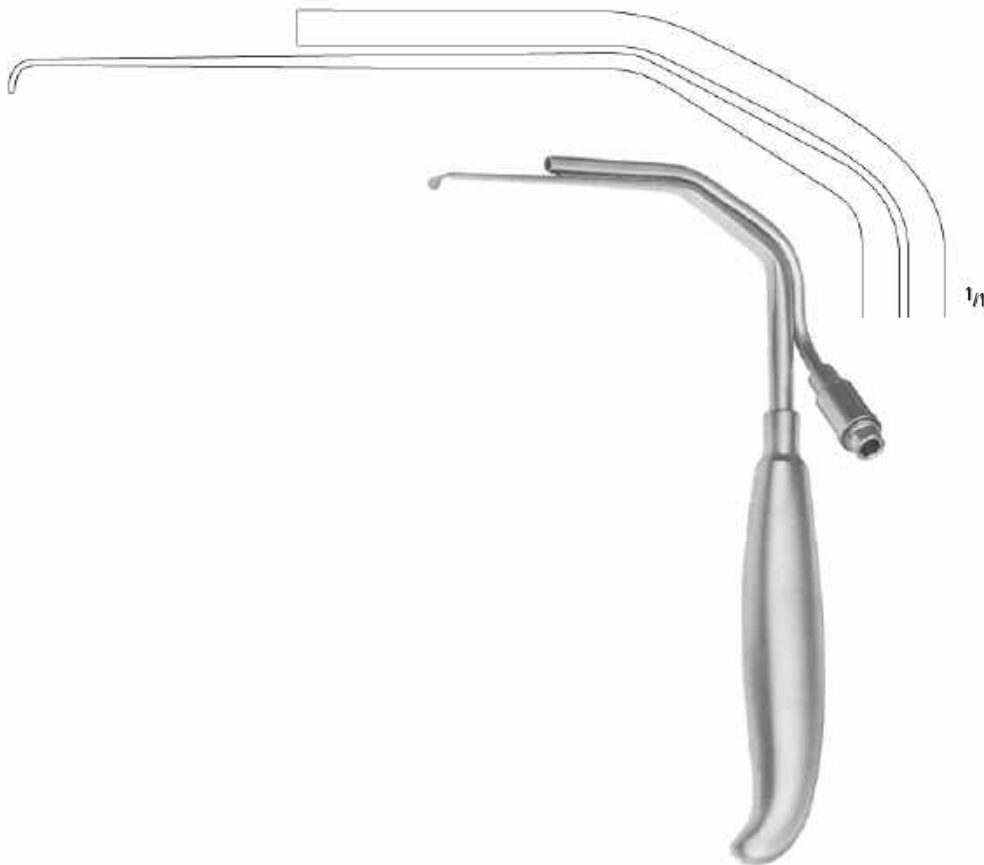
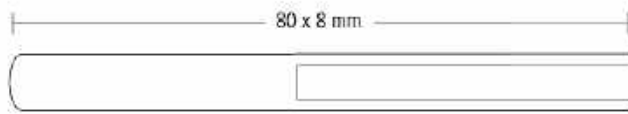
PARKER
AK 373/00 Fig. 1+2
13,5 cm/5¹/₄"

AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

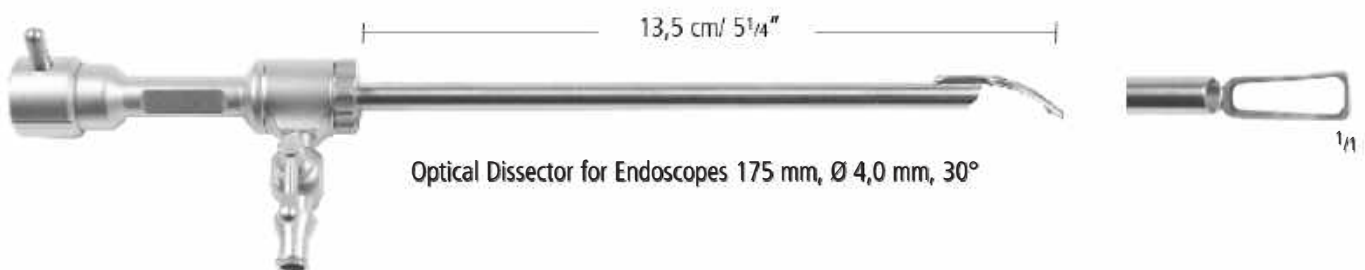
Wundhaken mit Kaltlichtbeleuchtung
 Retractor with fibreoptic illumination
 Retractor con iluminación de fibra óptica
 Rétracteur avec illumination par fibre optique
 Divaricatore con illuminazione a fibre ottiche



FERREIRA
AK 451/10
 10 cm/4"



AK 452/15



Optical Dissector for Endoscopes 175 mm, Ø 4,0 mm, 30°

AK 456/01

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestaticos
Ecarteurs autostatiques
Divaricatori autostatici



FINSEN

5,0 cm/2" **AK 500/05** **AK 501/05**
7,0 cm/2³/₄" **AK 500/07** **AK 501/07**



AK 502/10 **AK 503/10**
10,0 cm/4"



ALM

7,0 cm/2³/₄" **AK 506/07** **AK 507/07**
10,0 cm/4" **AK 506/10** **AK 507/10**



JANSEN

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



JANSEN

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



SNITMAN

AK 514/10 **AK 515/10**
10,5 cm/4¹/₄"

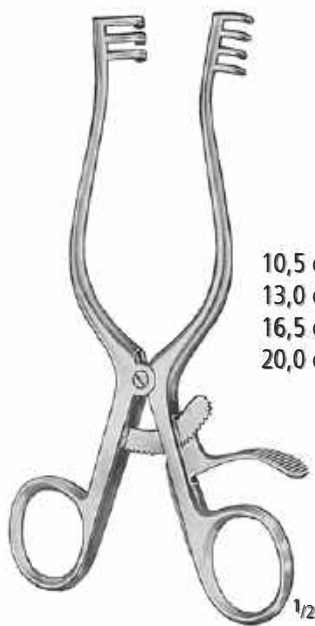
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AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestaticos
Ecarteurs autostatiques
Divaricatori autostatici



WEITLANER-BABY
AK 519/14
14,0 cm/5 1/2"



WEITLANER

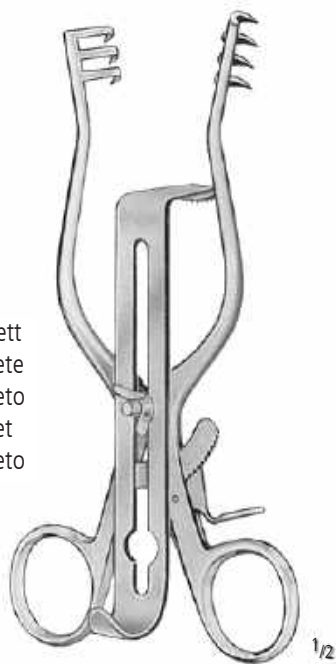
10,5 cm/4 1/4"
13,0 cm/5"
16,5 cm/6 1/2"
20,0 cm/8"

2 x 3
3 x 4
3 x 4
3 x 4

^
AK 522/10
AK 524/13
AK 526/16
AK 528/20

∩
AK 523/10
AK 525/13
AK 527/16
AK 529/20

komplett
complete
completo
complet
completo



HENLEY

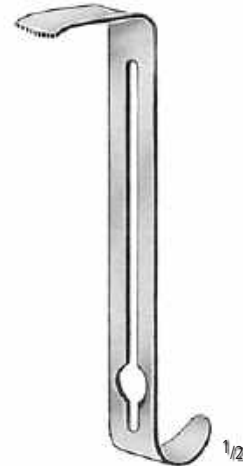
^ ∩
AK 536/00 **AK 537/00**
16,5 cm/6 1/2"



19 mm x 16 mm
AK 536/19



25 mm x 16 mm
AK 536/25



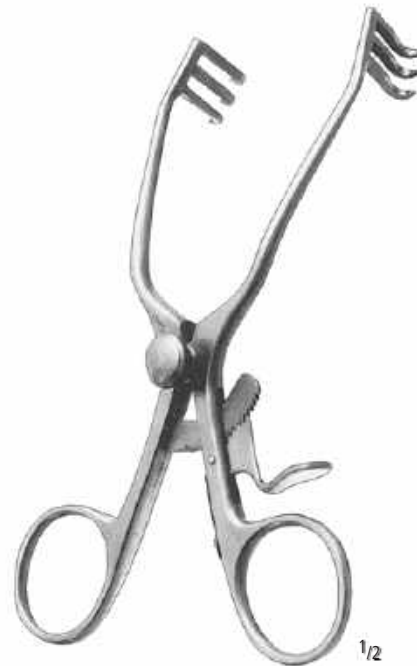
32 mm x 16 mm
AK 536/32

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestaticos
Ecarteurs autostatiques
Divaricatori autostatici



MILLIGAN
 AK 538/13 AK 539/13
 13,0 cm/5"



SCHUHKNECHT
 AK 542/14 AK 543/14
 14,0 cm/5 1/2"



WULLSTEIN
 10,5 cm/4 1/4" AK 544/10 AK 545/10
 13,0 cm/5" AK 544/13 AK 545/13
 16,0 cm/6 1/4" AK 544/16 AK 545/16



MOLLISON
 AK 550/15 AK 551/15
 15,0 cm/6"

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AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
 Selfretaining Retractors
 Separadores autoestaticos
 Ecarteurs autostatiques
 Divaricatori autostatici



ADSON-BABY
AK 562/14
 14,0 cm/5 1/2"



CONE
 ^ 3 x 4 ^
AK 564/13 **AK 565/13**
 13,0 cm/5"



SCALP-CONTOUR
 ^ ^
AK 574/14 **AK 575/14**
 14,0 cm/5 1/2"



PLESTER
AK 590/10 **AK 590/13**
 10,0 cm/4" 13,0 cm/5"



PLESTER-R
AK 591/10 **AK 591/13**
 10,0 cm/4" 13,0 cm/5"



PLESTER-L
AK 592/10 **AK 592/13**
 10,0 cm/4" 13,0 cm/5"



TÜBINGER MODELL
AK 594/16 **AK 594/18**
 16,5 cm/6 1/2" 18,0 cm/7"

SONDEN PROBES SONDAS SONDES SONDE

Sonden
Probes
Sondas
Sondes
Sonde



1/2



1/2



1/2

Silber
silver
de plata
en argent
d'argento



1/2

11,5 cm/4 1/2"
13,0 cm/5"
14,5 cm/5 3/4"
16,0 cm/6 1/4"
18,0 cm/7"
20,0 cm/8"
25,0 cm/10"

	1,0 mm	2,0 mm
	AL 001/11	AL 002/11
	AL 001/13	AL 002/13
	AL 001/14	AL 002/14
	AL 001/16	AL 002/16
	AL 001/18	AL 002/18
	AL 001/20	AL 002/20
	AL 001/25	AL 002/25

AL 003/11
AL 003/13
AL 003/14
AL 003/16
AL 003/18
AL 003/20
AL 003/25

MYRTLE LEAF

AL 007/14
AL 007/16
AL 007/18
AL 007/20

STACKE
AL 013/10
10,5 cm/4 1/4"
Ø 1,0 mm



1/2



1/2

DOYEN

AL 017/14



1/2

AL 020/11
AL 020/13
AL 020/14
AL 020/16
AL 020/18



1/2

NELATON

AL 022/16

11,5 cm/4 1/2"
13,0 cm/5"
14,5 cm/5 3/4"
16,0 cm/6 1/4"
18,0 cm/7"
20,0 cm/8"

AL 015/11
AL 015/13
AL 015/14
AL 015/16
AL 015/18
AL 015/20

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AL SONDEN PROBES SONDAS SONDES SONDE

Sonden und Watteträger
 Probes and Cotton Applicators
 Sondas y Porta-algodones
 Sondes et Porte-coton
 Sonde e Portacotone



BRODIE
AL 026/20
 20,0 cm/8"



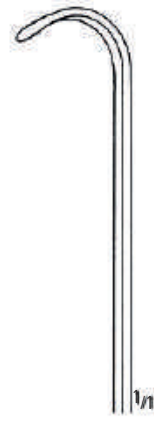
LOCKHART-MUMMERY
 Fig. 1
AL 030/01



LOCKHART-MUMMERY
 Fig. 2
AL 030/02



LOCKHART-MUMMERY
 Fig. 3
AL 030/03



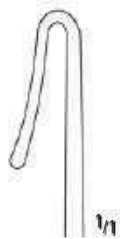
LOCKHART-MUMMERY
 Fig. 4
AL 030/03



PRATT
 21,0 cm/8 1/4"



AL 035/01



AL 035/02



AL 035/03



FARRELL

0,9 mm
 12,0 cm/4 3/4"
AL 100/12
 14,0 cm/5 1/2"
AL 100/14

AL 100/16

1,2 mm

AL 100/18



FARRELL

0,9 mm
 12,0 cm/4 3/4"
AL 120/12
 14,0 cm/5 1/2"
AL 120/14

AL 120/16

1,1 mm

1,2 mm

AL 120/18

SONDEN PROBES SONDAS SONDES SONDE

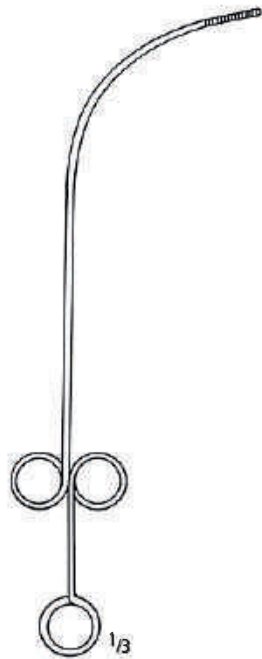
Watteträger
Cotton Applicators
Porta-algodones
Porte-coton
Portacotone



UCKERMANN
AL 160/16
16,0 cm/6¹/₄"



JOBSON-HORNE
AL 162/18
18,0 cm/7"



FEIN
AL 170/28
28,0 cm/11"



TOBOLD
AL 171/25
25,0 cm/10"

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Trokare
Trocars
Trócares
Trocarts
Trequarti

**LICHTWITZ**

1,0 x 100 mm	AO 178/10
1,5 x 100 mm	AO 178/15
1,8 x 100 mm	AO 178/18
2,0 x 100 mm	AO 178/20

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



YANKAUER
AO 400/00
27,0 cm/10³/₄"



WALTON-YANKAUER
AO 404/00
32,5 cm/13"



ANDREWS-PYNCHON
AO 406/00
23,5 cm/9¹/₃"



DE BAKEY
AO 408/00
27,5 cm/10³/₄"

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



COUPLAND
AO 410/00



POOLE
AO 420/22
10,0 mm



POOLE
AO 421/22
8,0 mm



BABY-POOLE
AO 422/20
5,5 mm

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



FRAZIER

6 Charr.	AO 430/06
8 Charr.	AO 430/08
10 Charr.	AO 430/10
12 Charr.	AO 430/12
15 Charr.	AO 430/15



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



NIJMEGEN

1,0 mm x 70 mm	AO 433/10
1,5 mm x 70 mm	AO 433/15
2,0 mm x 70 mm	AO 433/20
2,5 mm x 70 mm	AO 433/25
3,0 mm x 70 mm	AO 433/30
4,0 mm x 70 mm	AO 433/40



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



EICKEN-KILLIAN

13,0 cm/5"	
Ø 2,5 mm	AO 436/02
Ø 3,0 mm	AO 436/03
Ø 4,0 mm	AO 436/04

complete with
suction tube
+ cannula 0,5 mm
+ cannula 0,7 mm
+ cannula 0,9 mm

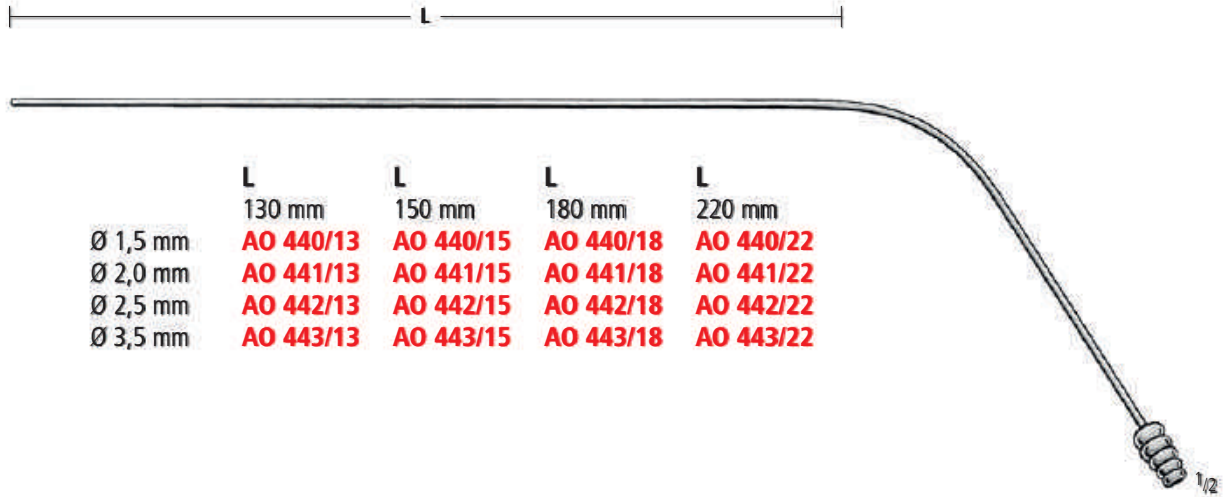


WULLSTEIN

MICRO
AO 438/00

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



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



ADSON
AO 450/04
21,0 cm/8¹/₄"
Ø 4,0 mm

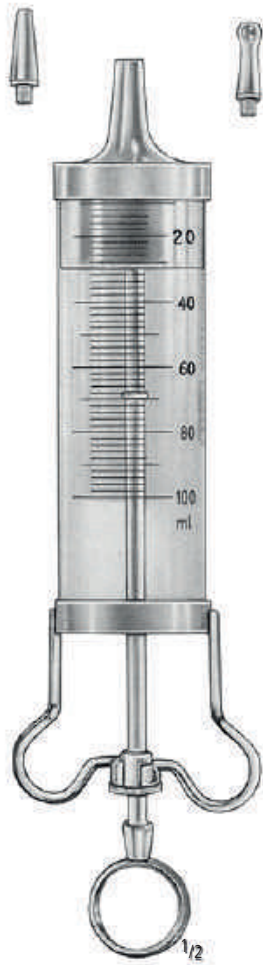
Weitere Sauginstrumente siehe Kapitel KL, KM, KO
More suction instruments in chapter KL, KM, KO
Para otras Tubos de aspiration ver seccion KL, KM, KO
D'autres canules d'aspiration groupe KL, KM, KO
Altre cannule per aspirazione vedi gruppo KL, KM, KO

Spritzen
Syringes
Jeringas
Seringues
Siringhe

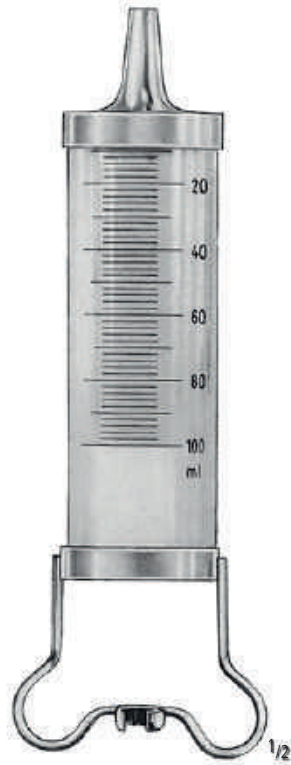
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50 ml **AO 869/05**



JANET
50 ml **AO 870/05**
100 ml **AO 870/10**
150 ml **AO 870/15**
200 ml **AO 870/20**



50 ml **AO 871/05**
100 ml **AO 871/10**
150 ml **AO 871/15**
200 ml **AO 871/20**

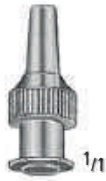


disposable
20 ml **AO 875/02**

Hähne und Verbindungsstücke
 Stopcocks and connecting pieces
 Llaves y Piezas de conexión
 Robinets et Raccords
 Rubinetti e Raccordiostotomi aspiranti



AO 910/00



AO 911/00



AO 912/00



AO 913/00



AO 915/00



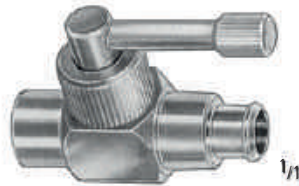
AO 916/00



AO 917/00



AO 918/00



AO 920/00

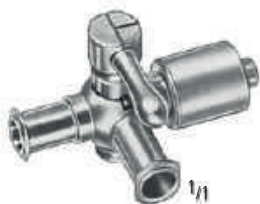
links
 left
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 sinistra



AO 921/01

rechts
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 destra

AO 921/02



AO 922/00



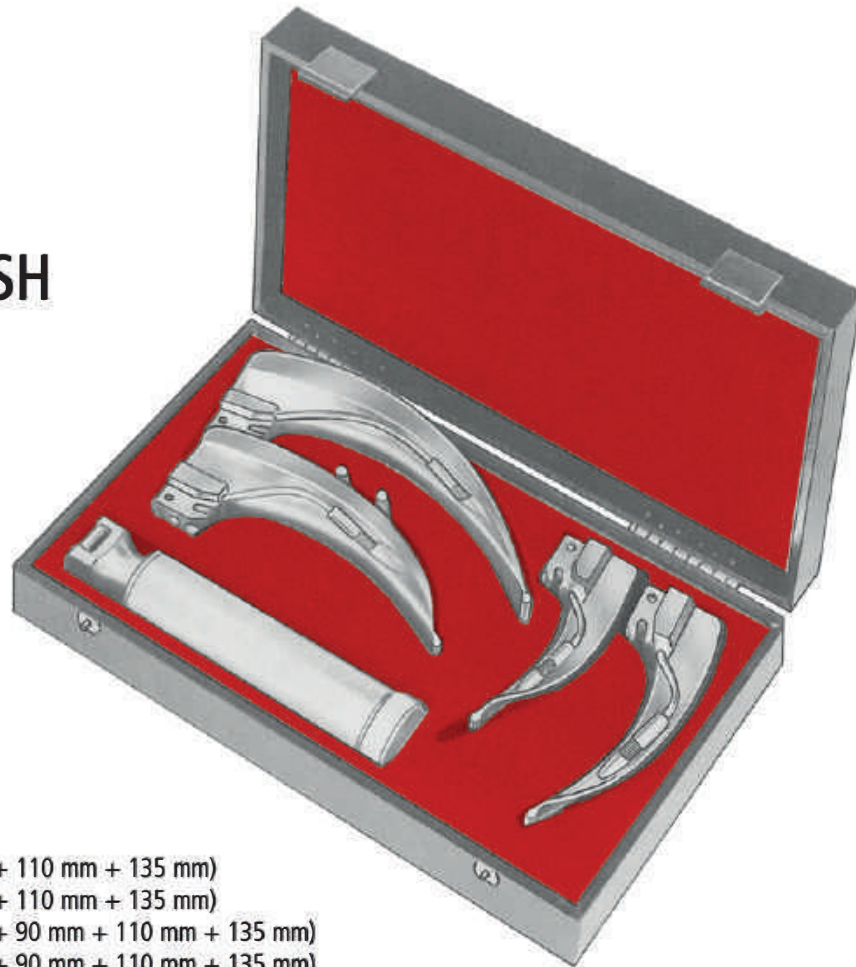
AO 923/00



AO 924/00

Laryngoskope
Laryngoscopes
Laringoscopios
Laryngoscopes
Laringoscopi

McINTOSH



- AP 250/00** Halogen (90 mm + 110 mm + 135 mm)
- AP 250/50** LED (90 mm + 110 mm + 135 mm)
- AP 250/01** Halogen (75 mm + 90 mm + 110 mm + 135 mm)
- AP 250/51** LED (75 mm + 90 mm + 110 mm + 135 mm)

komplett - complete - completo - complet - completo



		Halogen	LED
Fig. 0,	55 mm	AP 252/00	AP 252/50
Fig. 1,	75 mm	AP 252/01	AP 252/51
Fig. 2,	90 mm	AP 252/02	AP 252/52
Fig. 3,	110 mm	AP 252/03	AP 252/53
Fig. 4,	135 mm	AP 252/04	AP 252/54

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Laryngoskope
Laryngoscopes
Laringoscopios
Laryngoscopes
Laringoscopi

FOREGGER (WISCONSIN)



- | | |
|--------------------------|------------------------------------|
| AP 260/00 Halogen | (110 mm + 140 mm + 170 mm) |
| AP 260/50 LED | (110 mm + 140 mm + 170 mm) |
| AP 260/01 Halogen | (95 mm + 110 mm + 140 mm + 170 mm) |
| AP 260/51 LED | (95 mm + 110 mm + 140 mm + 170 mm) |

komplett - complete - completo - complet - completo



		Halogen	LED
Fig. 00,	55 mm	AP 262/10	AP 262/60
Fig. 0,	70 mm	AP 262/00	AP 262/50
Fig. 1,	95 mm	AP 262/01	AP 262/51
Fig. 2,	110 mm	AP 262/02	AP 262/52
Fig. 3,	140 mm	AP 262/03	AP 262/53
Fig. 4,	170 mm	AP 262/04	AP 262/54

Laryngoskope
Laryngoscopes
Laringoscopios
Laryngoscopes
Laringoscopi

MILLER



- AP 270/00** Halogen (130 mm + 170 mm + 180 mm)
- AP 270/50** LED (130 mm + 170 mm + 180 mm)
- AP 270/01** Halogen (80 mm + 130 mm + 170 mm + 180 mm)
- AP 270/51** LED (80 mm + 130 mm + 170 mm + 180 mm)

komplett - complete - completo - complet - completo



		Halogen	LED
Fig. 00,	45 mm	AP 272/10	AP 272/60
Fig. 0,	55 mm	AP 272/00	AP 272/50
Fig. 1,	80 mm	AP 272/01	AP 272/51
Fig. 2,	130 mm	AP 272/02	AP 272/52
Fig. 3,	170 mm	AP 272/03	AP 272/53
Fig. 4,	180 mm	AP 272/04	AP 272/54

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Laryngoskope
Laryngoscopes
Laringoscopios
Laryngoscopes
Laringoscopi



AP 280/19
Ø 19 mm



AP 280/28
Ø 28 mm



AP 280/37
Ø 37 mm



AP 282/00
Fig. 2-4
Halogen



AP 282/01
Fig. 2-4
LED



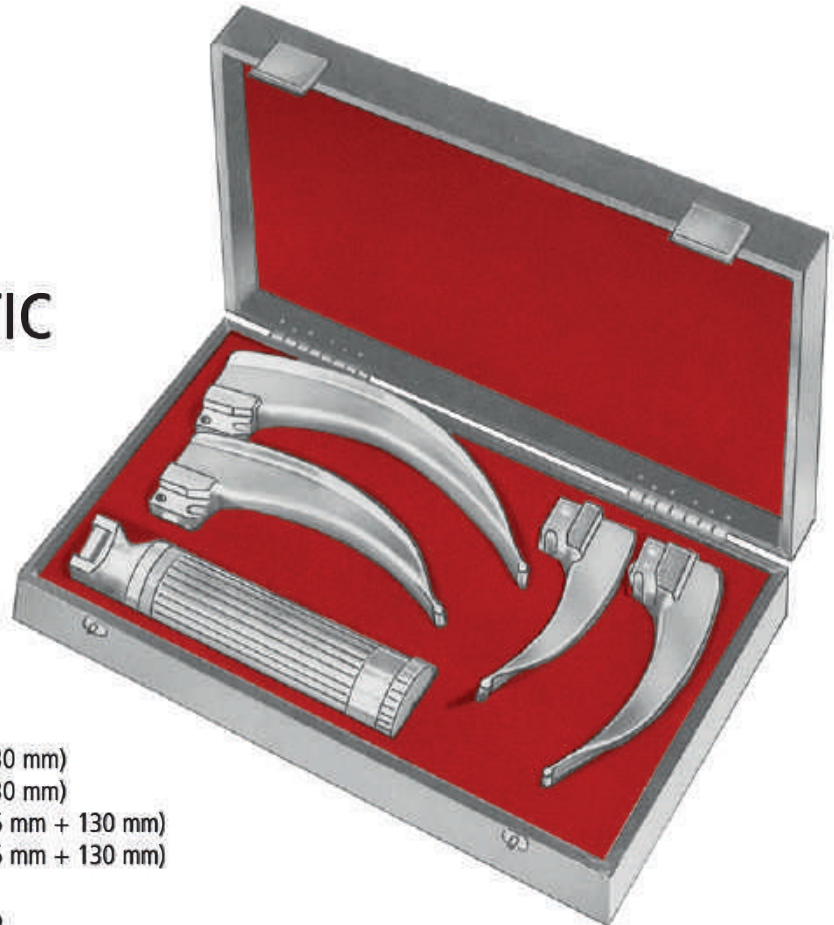
AP 284/00
Fig. 0-1
Halogen



AP 284/01
Fig. 0-1
LED

Kaltlicht Laryngoskope
 Fibre Optic Laryngoscopes
 Laringoscopios con luz fría
 Laryngoscopes à lumière froide
 Laringoscopi a luce fredda

McINTOSH FIBRE OPTIC



- AP 300/00** Halogen (80 mm + 105 mm + 130 mm)
- AP 300/50** LED (80 mm + 105 mm + 130 mm)
- AP 300/01** Halogen (70 mm + 80 mm + 105 mm + 130 mm)
- AP 300/51** LED (70 mm + 80 mm + 105 mm + 130 mm)

komplett - complete - completo - complet - completo



		Halogen	LED
Fig. 0,	55 mm	AP 302/00	AP 302/50
Fig. 1,	70 mm	AP 302/01	AP 302/51
Fig. 2,	80 mm	AP 302/02	AP 302/52
Fig. 3,	105 mm	AP 302/03	AP 302/53
Fig. 4,	130 mm	AP 302/04	AP 302/54

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Kaltlicht Laryngoskope
 Fibre Optic Laryngoscopes
 Laringoscopios con luz fría
 Laryngoscopes à lumière froide
 Laringoscopi a luce fredda

FOREGGER (WISCONSIN) FIBRE OPTIC



- AP 310/00** Halogen (110 mm + 140 mm + 170 mm)
- AP 310/50** LED (110 mm + 140 mm + 170 mm)
- AP 310/01** Halogen (95 mm + 110 mm + 140 mm + 170 mm)
- AP 310/51** LED (95 mm + 110 mm + 140 mm + 170 mm)

komplett - complete - completo - complet - completo



		Halogen	LED
Fig. 0,	70 mm	AP 312/00	AP 312/50
Fig. 1,	95 mm	AP 312/01	AP 312/51
Fig. 2,	110 mm	AP 312/02	AP 312/52
Fig. 3,	140 mm	AP 312/03	AP 312/53
Fig. 4,	170 mm	AP 312/04	AP 312/54

Kaltlicht Laryngoskope
 Fibre Optic Laryngoscopes
 Laringoscopios con luz fría
 Laryngoscopes à lumière froide
 Laringoscopi a luce fredda

MILLER FIBRE OPTIC



- AP 320/00** Halogen (80 mm + 130 mm + 170 mm)
- AP 320/50** LED (80 mm + 130 mm + 170 mm)
- AP 320/01** Halogen (80 mm + 130 mm + 170 mm + 180 mm)
- AP 320/51** LED (80 mm + 130 mm + 170 mm + 180 mm)

komplett - complete - completo - complet - completo



		Halogen	LED
Fig. 0,	55 mm	AP 322/00	AP 322/50
Fig. 1,	80 mm	AP 322/01	AP 322/51
Fig. 2,	130 mm	AP 322/02	AP 322/52
Fig. 3,	170 mm	AP 322/03	AP 322/53
Fig. 4,	180 mm	AP 322/04	AP 322/54

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Kaltlicht Laryngoskope
 Fibre Optic Laryngoscopes
 Laringoscopios con luz fría
 Laryngoscopes à lumière froide
 Laringoscopi a luce fredda

FIBRE OPTIC



AP 340/00
 Ø 30 mm



AP 341/00
 Ø 20 mm



AP 345/01
 2,5 V
 Halogen

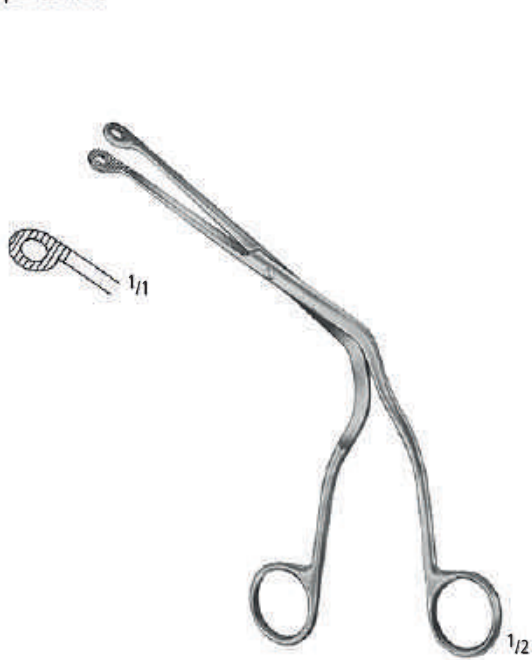


AP 345/02
 2,5 V
 Krypton



AP 345/03
 2,5 V
 LED

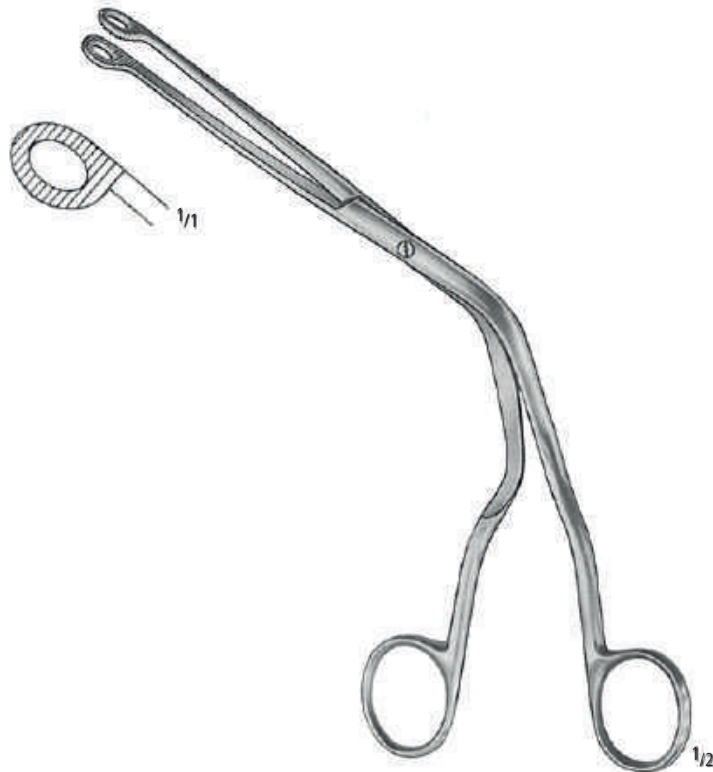
Katheterzangen
 Catheter Forceps
 Pinzas para catéteres
 Pincas pour sondes
 Pinze per cannule



MAGILL
AP 410/16
 16,0 cm/6¹/₄"



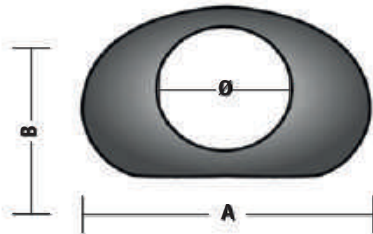
MAGILL
AP 410/20
 20,0 cm/8"



MAGILL
AP 410/25
 25,0 cm/10"

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 KYE
 X

Operations-Laryngoskope
 Operating laryngoscopes
 Laringoscopios para operaciones
 Laryngoscopes opératoires
 Laringoscopi operatori



		[mm]			
		L	A	B	Ø
Fig. 1	AP 425/01	135	20	12	11
Fig. 2	AP 425/02	152	21	13	11
Fig. 3	AP 425/03	182	21	13	12
Fig. 4	AP 425/04	172	27	15	14,5
Fig. 5	AP 425/05	172	29	19	16
Fig. 6	AP 425/06	182	26	17	13x18
Fig. 7	AP 425/07	222	26	17	13x18

Fig. 1



AP 425/01
 für Kleinkinder
 for small children
 para niños pequeños
 pour petits enfants
 per piccolo bambini

Fig. 2



AP 425/02
 für Kinder
 for children
 para niños
 pour enfants
 per bambini

Fig. 3



AP 425/03
 für kleine Erwachsene
 for small adults
 para adultos pequeños
 pour petits adultes
 per piccolo adulti

Fig. 4



AP 425/04
 für mittelgroße Erwachsene
 for mid-size adults
 para adultos mediano
 pour moyens adultes
 per adulti di media altezza

Fig. 5



AP 425/05
 für große Erwachsene
 for large adults
 para adultos grande
 pour grand adultes
 per grande adulti

Fig. 6



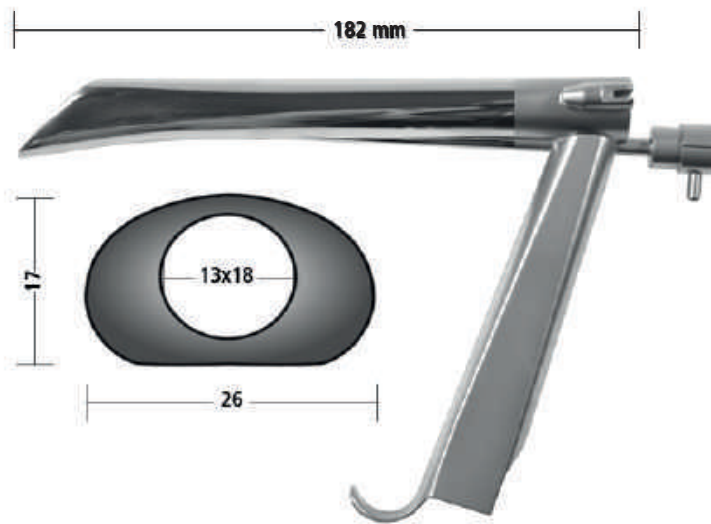
AP 425/06
 für vordere Kommissur
 for anterior commissure
 para comisura anterior
 pour commissure antérieure
 per commissura anteriore

Fig. 7



AP 425/07
 für lange Hälse
 for long necks
 para cuellos largos
 pour long cous
 per collos longo

Operations-Laryngoskope
 Operating laryngoscopes
 Laringoscopios para operaciones
 Laryngoscopes opératoires
 Laringoscopi operatori

**AP 427/00**18,2 cm/ 7¹/₄"

Videolaryngoskop mit Endoskopführung
 Video laryngoscope with endoscope-guide
 Laringoscopios para video
 Laryngoscopes video
 Laringoscopi video

For use with endoscope
 175 mm, Ø 4,0 mm

AA

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AO

AP

AR

KA

KL

KM

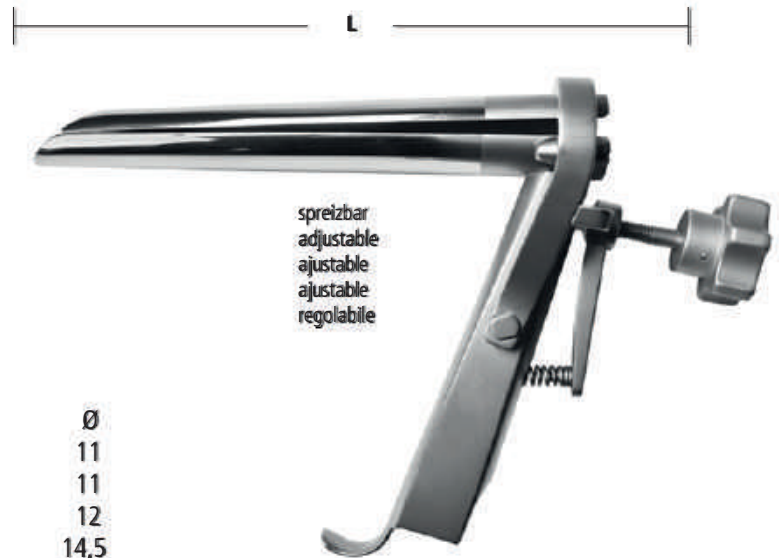
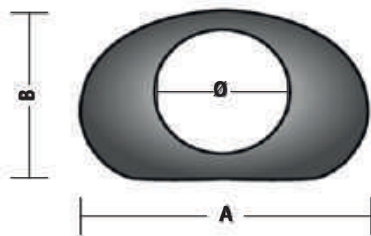
KO

KU

KYE

X

Operations-Laryngoskope
 Operating laryngoscopes
 Laringoscopios para operaciones
 Laryngoscopes opératoires
 Laringoscopi operatori



		[mm]			
		L	A	B	Ø
Fig. 1	AP 430/01	135	20	12	11
Fig. 2	AP 430/02	152	21	13	11
Fig. 3	AP 430/03	182	21	13	12
Fig. 4	AP 430/04	172	27	15	14,5
Fig. 5	AP 430/05	172	29	19	16
Fig. 6	AP 430/06	182	26	17	13x18
Fig. 7	AP 430/07	222	26	17	13x18

Fig. 1



AP 430/01
 für Kleinkinder
 for small children
 para niños pequeños
 pour petits enfants
 per piccolo bambini

Fig. 2



AP 430/02
 für Kinder
 for children
 para niños
 pour enfants
 per bambini

Fig. 3



AP 430/03
 für kleine Erwachsene
 for small adults
 para adultos pequeños
 pour petits adultes
 per piccolo adulti

Fig. 4



AP 430/04
 für mittelgroße Erwachsene
 for mid-size adults
 para adultos mediano
 pour moyens adultes
 per adulti di media altezza

Fig. 5



AP 430/05
 für große Erwachsene
 for large adults
 para adultos grande
 pour grand adultes
 per grande adulti

Fig. 6



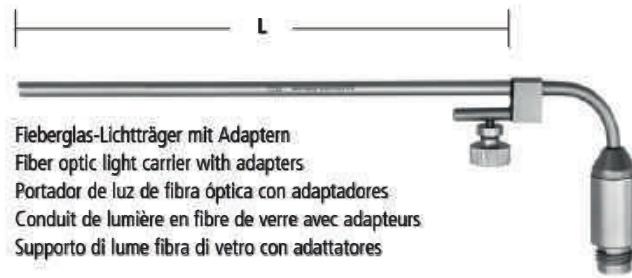
AP 430/06
 für vordere Kommissur
 for anterior commissure
 para comisura anterior
 pour commissure antérieure
 per commissura anteriore

Fig. 7



AP 430/07
 für lange Hälse
 for long necks
 para cuellos largos
 pour long cous
 per collos longo

Operations-Laryngoskope
 Operating laryngoscopes
 Laringoscopios para operaciones
 Laryngoscopes opératoires
 Laringoscopi operatori



Fiberglas-Lichtträger mit Adaptern
 Fiber optic light carrier with adapters
 Portador de luz de fibra óptica con adaptadores
 Conduit de lumière en fibre de verre avec adapteurs
 Supporto di lume fibra di vetro con adattatore

AP 431/01
 L = 144 mm

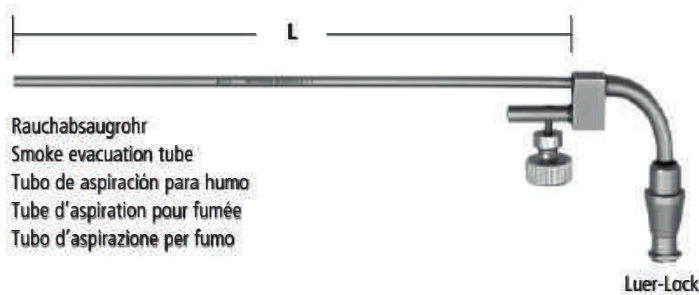
für, for, para, pour, per
Fig. 1-2
AP 425/01 - AP 425/02
AP 430/01 - AP 430/02

AP 431/03
 L = 171 mm

Fig. 3-6
AP 425/03 - AP 425/06
AP 430/03 - AP 430/06

AP 431/07
 L = 216 mm

Fig. 7
AP 425/07
AP 430/07



Rauchabsaugrohr
 Smoke evacuation tube
 Tubo de aspiración para humo
 Tube d'aspiration pour fumée
 Tubo d'aspirazione per fumo

Luer-Lock

AP 433/01
 L = 125 mm

für, for, para, pour, per
Fig. 1-2
AP 425/01 - AP 425/02
AP 430/01 - AP 430/02

AP 433/03
 L = 174 mm

Fig. 3-7
AP 425/03 - AP 425/07
AP 430/03 - AP 430/07



Injektionskanüle
 Injection cannula
 Cánula de inyección
 Canule d'injection
 Cannula d'iniezione

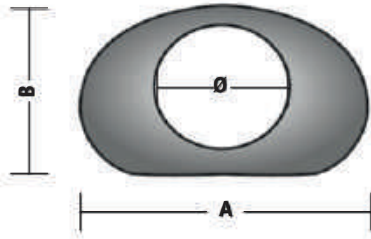
Luer-Lock

AP 434/01
 L = 120 mm

für, for, para, pour, per
Fig. 1-7
AP 425/01 - AP 425/07
AP 430/01 - AP 430/07

AA
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 KU
 KYE
 X

Operations-Laryngoskope für Laser
 Operating laryngoscopes for laser
 Laringoscopios para operaciones para láser
 Laryngoscopes opératoires pour laser
 Laringoscopi operatori per laser



matte Oberfläche, für die Benutzung mit CO₂-Laser
 mat surface, for use with CO₂ laser
 superficie mate, para aplicación con láser de CO₂
 surface mate, pour l'application avec laser CO₂
 superficie opaca, per applicazione con laser CO₂

		[mm]			
		L	A	B	Ø
Fig. 1	AP 440/01	135	20	12	11
Fig. 2	AP 440/02	152	21	13	11
Fig. 3	AP 440/03	182	21	13	12
Fig. 4	AP 440/04	172	27	15	14,5
Fig. 5	AP 440/05	172	29	19	16
Fig. 6	AP 440/06	182	26	17	13x18
Fig. 7	AP 440/07	222	26	17	13x18

Fig. 1



AP 440/01
 für Kleinkinder
 for small children
 para niños pequeños
 pour petits enfants
 per piccolo bambini

Fig. 2



AP 440/02
 für Kinder
 for children
 para niños
 pour enfants
 per bambini

Fig. 3



AP 440/03
 für kleine Erwachsene
 for small adults
 para adultos pequeños
 pour petits adultes
 per piccolo adulti

Fig. 4



AP 440/04
 für mittelgroße Erwachsene
 for mid-size adults
 para adultos mediano
 pour moyens adultes
 per adulti di media altezza

Fig. 5



AP 440/05
 für große Erwachsene
 for large adults
 para adultos grande
 pour grand adultes
 per grande adulti

Fig. 6



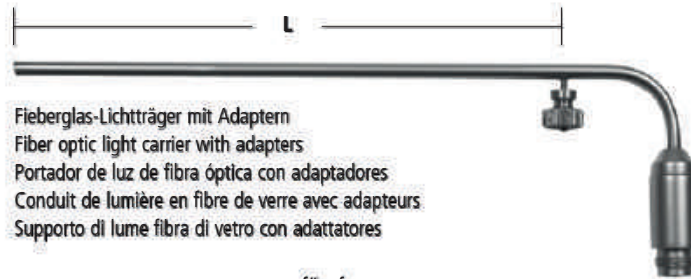
AP 440/06
 für vordere Commissur
 for anterior commissure
 para comisura anterior
 pour commissure antérieure
 per commissura anteriore

Fig. 7



AP 440/07
 für lange Hälsen
 for long necks
 para cuellos largos
 pour long cous
 per collos longo

Zubehör für Laser Operations-Laryngoskope
 Accessories for laser operating laryngoscopes
 Accesorios para láser laringoscopios para operaciones
 Accessoires pour laser laryngoscopes opératoires
 Accessori per laser laringoscopi operatori



Fiberglas-Lichtträger mit Adaptern
 Fiber optic light carrier with adapters
 Portador de luz de fibra óptica con adaptadores
 Conduit de lumière en fibre de verre avec adapteurs
 Supporto di lume fibra di vetro con adattatore

AP 441/01
 L = 144 mm

für, for, para, pour, per

Fig. 1-2
AP 440/01 - AP 440/02

AP 441/03
 L = 171 mm

Fig. 3-6
AP 440/03 - AP 440/06

AP 441/07
 L = 216 mm

Fig. 7
AP 440/07



Rauchabsaugrohr
 Smoke evacuation tube
 Tubo de aspiración para humo
 Tube d'aspiration pour fumée
 Tubo d'aspirazione per fumo

Luer-Lock

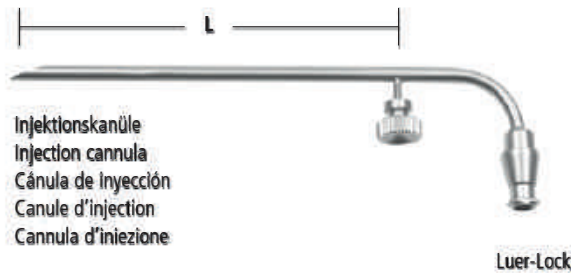
AP 443/01
 L = 125 mm

für, for, para, pour, per

Fig. 1-2
AP 440/01 - AP 440/02

AP 443/03
 L = 174 mm

Fig. 3-7
AP 440/03 - AP 440/07



Injektionskanüle
 Injection cannula
 Cánula de inyección
 Canule d'injection
 Cannula d'iniezione

Luer-Lock

AP 444/01
 L = 120 mm

für, for, para, pour, per

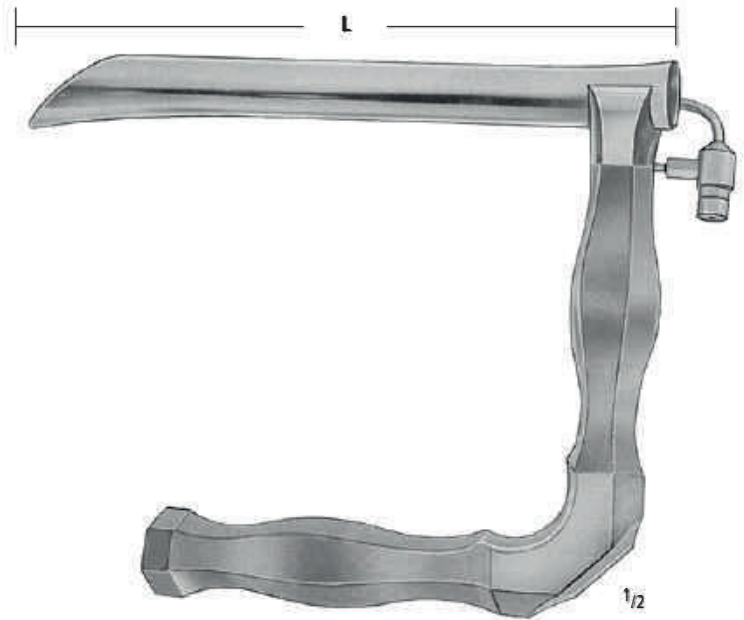
Fig. 1-7
AP 440/01 - AP 440/07

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 KYE
 X

Kaltlicht Laryngoskope
 Fibre Optic Laryngoscopes
 Laringoscopios con luz fría
 Laryngoscopes à lumière froide
 Laringoscopi a luce fredda

HOLINGER

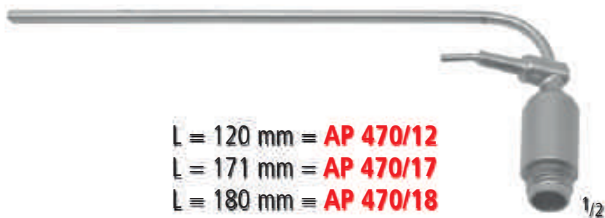
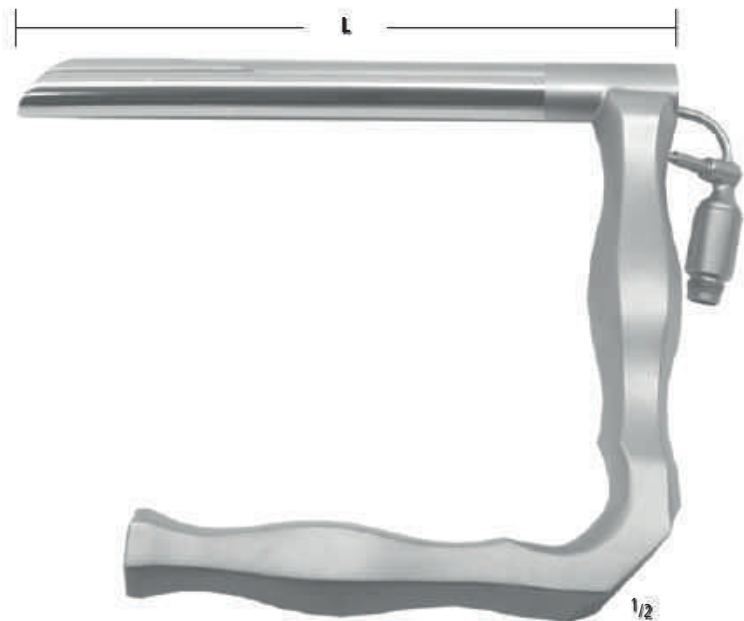
- L = 120 mm = **AP 455/03**
- L = 171 mm = **AP 455/02**
- L = 180 mm = **AP 455/01**



- L = 120 mm = **AP 457/03**
- L = 171 mm = **AP 457/02**
- L = 180 mm = **AP 457/01**

JACKSON

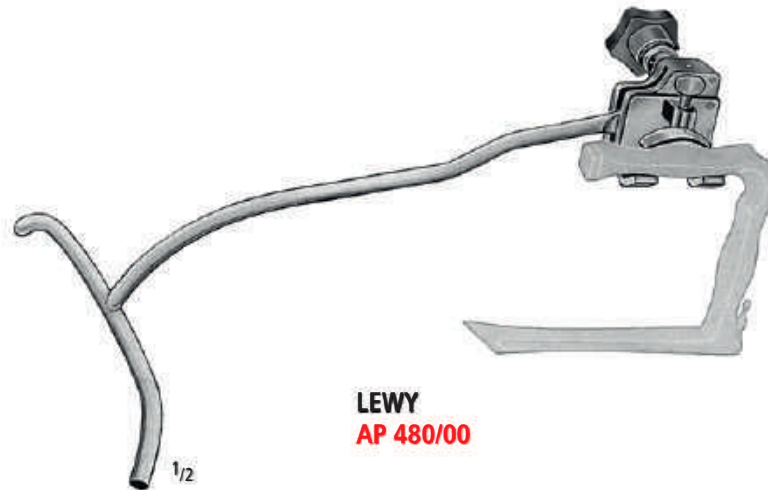
- L = 120 mm = **AP 465/12**
- L = 171 mm = **AP 465/17**
- L = 180 mm = **AP 465/18**



- L = 120 mm = **AP 470/12**
- L = 171 mm = **AP 470/17**
- L = 180 mm = **AP 470/18**

Adapter STORZ, WOLF, ACMI auf Wunsch
 Adaptor STORZ, WOLF, ACMI on request
 Adaptador STORZ, WOLF, ACMI sobre pedido
 Adaptateur STORZ, WOLF, ACMI à la demande
 Adattatori STORZ, WOLF, ACMI su richiesta

Zubehör für Operations-Laryngoskope
 Accessories for operating laryngoscopes
 Accesorios para laringoscopios para operaciones
 Accessoires pour laryngoscopes opératoires
 Accessori per laringoscopi operatori



LEWY
AP 480/00

Laryngoskophalter mit Bruststütze, komplett
 Laryngoscope holder with chest support, complete
 Porta-laringoscopio con soporte de pecho, completo
 Porta-laryngoscope avec support de poitrine, complète
 Porta-laringoscopio con supporto sternale, completo



AP 481/24
 24,0 cm/9 1/2"
 für Kinder
 for children
 para niños
 pour enfants
 per bambini

AP 481/34
 34,0 cm/13 3/8"
 für Erwachsene
 for adults
 para adultos
 pour adultes
 per adulti

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Zubehör für Operations-Laryngoskope
 Accessories for operating laryngoscopes
 Accesorios para laringoscopios para operaciones
 Accessoires pour laryngoscopes opératoires
 Accessori per laringoscopi operatori

Stützstange, allein
 Support rod, only
 Soporte barra, sola
 Barre de support, seule
 Barra di supporto, sola



AP 483/24
 24,0 cm/9½"
 für Kinder
 for children
 para niños
 pour enfants
 per bambini

AP 483/34
 34,0 cm/13¾"
 für Erwachsene
 for adults
 para adultos
 pour adultes
 per adulti



AP 485/09
 Ø 9,5 cm

Gummiring für Stützstange, allein
 Rubber ring for support rod, only
 Anillo de goma para soporte barra, solo
 Anneau de gomme pour barre de support, seul
 Anello di gomma per barra di supporto, solo



AP 485/10

Laryngoskophalter, allein
 Laryngoscope holder, only
 Porta-laringoscopio, solo
 Porta-laryngoscope, seul
 Porta-laringoscopio con supporto sternale, solo

Stirnlampen, Stirnspiegel
 Head Lamps, Head Mirrors
 Lámparas frontales, Espejos frontales
 Eclaireurs frontaux, Miroirs frontaux
 Lampade frontali, Specchi frontali



AR 090/00



ZIEGLER

90 mm = **AR 102/09**

100 mm = **AR 102/10**

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KYE
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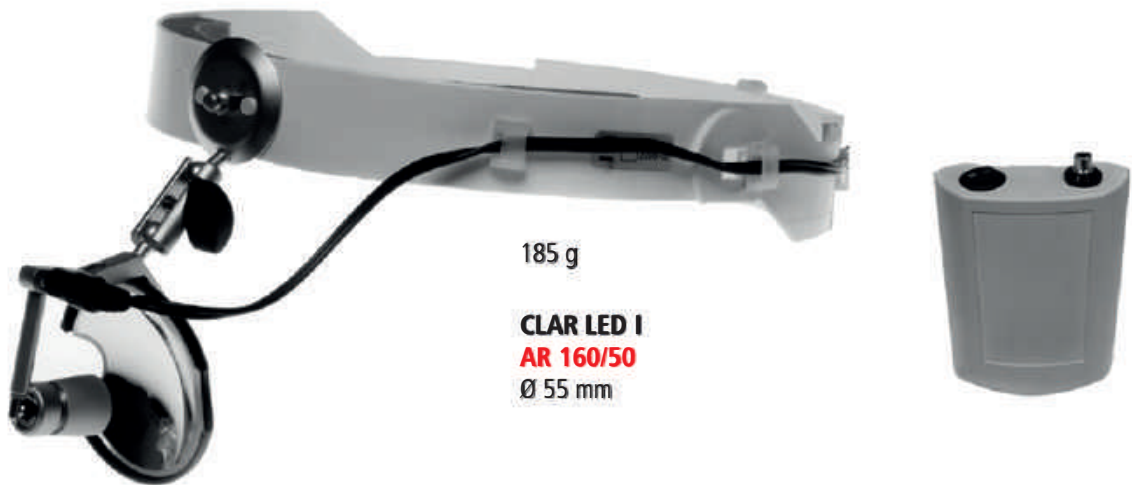
Stirnlampen (Xenon), Kaltlicht-Stirnlampen
 Head Lamps (Xenon), Fibre Optic Head Lamps
 Lámparas frontales (Xenon), Lámparas frontales de luz fría
 Eclaireurs frontaux (Xenon), Eclaireurs frontaux à lumière froide
 Lampade frontali (Xenon), Lampade frontali a luce fredda



CLAR 55
AR 150/55
 Ø 55 mm
 6 V



CLAR S
AR 160/00
 Ø 98 mm
 6 V



185 g
CLAR LED I
AR 160/50
 Ø 55 mm

Stirnspiegel mit LED inkl. Batteriegehäuse (4 x Typ C) / Stirnband: ergonomisch, verstellbar, gepolstert (Schaumstoff)
 Head mirror with LED incl. battery box (4 x type C) / headband: ergonomic, adjustable, upholstered (foam)
 Espejo frontal con LED incl. caja para baterías (4 x tipo C) / cinta: ergonómica, ajustable, almohadillada (espuma)
 Miroir frontal avec DEL incl. boîte pour batteries (4 x type C) / serre-tête: ergonomique, ajustable, rembourré (mousse synthétique)
 Specchio frontale con LED incl. alloggiamento batteria (4 x tipo C) / benda: ergonomica, regolabile, imbottita (espanso)

Stirnlampen, Stirnspiegel
 Head Lamps, Head Mirrors
 Lámparas frontales, Espejos frontales
 Eclaireurs frontaux, Miroirs frontaux
 Lampade frontali, Specchi frontali



XENON
AR 162/00



AR 162/01
 Ersatzlampe mit Reflektor
 Spare lamp with reflector
 Lámpara de repuesto
 Lampe de rechange
 Lampada de ricambio

Helle Stirnleuchte mit 6000Cd Hochleistungs-Xenon-Lampe / optimiertes parabolisches optisches System mit festem Focus / integrierte Batteriebox für 2 Mignonzellen (AA)
 Very bright Xenon Headlight with high power optical system and fix focus / Special miniature Xenon incandescent reflector lamp (6000 candle power) / integrated battery box for 2 AA cells



AR 165/11

Lieferung ohne Adapter
 Delivery without adapter
 Entrega sin adaptador
 Livraison sans adaptateur
 Consegna senza adattatore

Fiberoptische Miniaturstirnleuchte für den OP-Bereich / Miniatur-Hochleistungsoptik / Faserbündel Ø 3,5 mm / heller, homogener Lichtfleck / ledergepolstertes Stirnband mit seitlichen Kopfstützen und Stellrad / mit Kopfbügelstirnband
 Fibre Optic miniature Headlight for operation theatre / Perfect view by very small optic / The fibre bundle diameter of 3.5 mm and the double lens system effect small and homogenous light spot / With lateral head supports / Easily adjustable by hand wheel / With cross band



360 g

CLAR FO I
AR 165/21
 Ø 33 mm

Lieferung ohne Adapter
 Delivery without adapter
 Entrega sin adaptador
 Livraison sans adaptateur
 Consegna senza adattatore

Klassischer Kaltlicht-Stirnspiegel für HNO-Anwendungen / Hochleistungsspiegelreflektor / Glasfaserkabel: 2,2 m; Ø 4,0 mm / Kopfband: komfortabel, gepolstert (Leder) / Kopfbügel mit Schnellverstellung
 Conventional fibre optic head mirror for ENT applications / powerful mirror reflector / fibre optic cable: 2,2 m; Ø 4,0 mm / headband: comfortable, upholstered (leather) / headband with quick adjustment

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 KYE
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Stirnlampen (LED)
 Head Lamps (LED)
 Lámparas frontales (LED)
 Eclaireurs frontaux (DEL)
 Lampade frontali (LED)

Moderne fokussierbare Fiberoptik-Stirnleuchte mit Hochleistungsoptik / weitem Stellbereich / Hohe Lichtleistung / komfortables Kopfband / Spezialkabel mit Halteclips (Teilung im Kopfbereich) für optimalen Tragekomfort
 Modern focusable Fibre Optic Headlight with high performance optical system / wide focus range and powerful light spot / Light weight and comfortable headband / special cable with grown clips for long time use and highest comfort



OP COLD 1
AR 165/31

für allgemeine Chirurgie und HNO, geteiltes, armiertes Spezialkabel, Kopfband mit Top, schwarz
 for general surgery and ENT, bifurcated, shielded special cable, headband with top, black

Abstand	Leuchtfeld
Distance	Luminous field
Distancia	Campo luminoso
Distance	Champ lumineux
Distanza	Campo luminoso
30 cm	Ø 25-70 mm
6000 K	



150 g
POWER LED I
AR 167/00

Leistungsstarke, fokussierbare Stirnleuchte mit weißer LED inkl. Batteriegehäuse (5 x Typ AA) / Stirnband: ergonomisch, verstellbar, gepolstert (Neopren)
 Powerful, focusable headlight with white LED incl. battery box (5 x type AA) / headband: ergonomic, adjustable, upholstered (neoprene)
 Lámpara frontal de alto rendimiento, enfocable con LED blanco incl. caja para baterías (5 x tipo AA) / cinta: ergonómica, ajustable, almohadillada (neopreno)
 Lampe frontale, très performant, focalisable avec DEL blanche incl. boîte pour batteries (5 x type AA) / serre-tête: ergonomique, ajustable, rembourré (néoprène)
 Lampada frontale, alto rendimento, regolabile con LED bianco incl. alloggiamento batteria (5 x tipo AA) / benda: ergonomica, regolabile, imbottita (neoprene)

DIAGNOSTIK DIAGNOSTICS DIAGNOSTICO DIAGNOSTIC DIAGNOSTICA

Stirnlampen (LED)
 Head Lamps (LED)
 Lámparas frontales (LED)
 Eclaireurs frontaux (DEL)
 Lampade frontali (LED)

Abstand	Leuchtfeld
Distance	Luminous field
Distancia	Campo luminoso
Distance	Champ lumineux
Distanza	Campo luminoso
20 cm	Ø 8-35 mm
30 cm	Ø 9-55 mm
60 cm	Ø 18-115 mm

6000 K



230 g

OP LED I
AR 168/00

Leistungsstarke, fokussierbare Stirnleuchte mit moderner LED inkl. Li-Akku und Ladegerät / Stirnband: ergonomisch, flexibel, gepolstert (Neopren) / für längere Operationen
 Powerful, focusable head light with modern LED incl. Li-accumulator and charger / headband: ergonomic, flexible, upholstered (neoprene) / for longer surgeries
 Lámpara frontal de alto rendimiento, enfocable con LED moderno incl. Li-acumulador y cargador / cinta: ergonómica, flexible, almohadillada (neopreno) / por operaciones largas
 Lampe frontale, très performant, focalisable avec DEL moderne incl. Li-accumulateur et chargeur / serre-tête: ergonomique, flexible, rembourré (néoprène) / pour opérations longues
 Lampada frontale, alto rendimento, regolabile con LED moderno incl. Li-accumulatore e caricabatteria / benda: ergonomica, flessibile, imbottita (neoprene) / per operazioni più lunga

Abstand	Leuchtfeld
Distance	Luminous field
Distancia	Campo luminoso
Distance	Champ lumineux
Distanza	Campo luminoso
20 cm	Ø 8-35 mm
30 cm	Ø 9-55 mm
60 cm	Ø 18-115 mm

6000 K



350 g

AUTO SWITCH
AR 169/00

Auto-Switch LED-Stirnleuchte mit Ladeständer / Kabellos / Li-Ion Akku / Betriebsdauer ca. 3,5 h
 Auto Switch LED Headlight with charging stand / Wireless / Li-Ion rechargeable battery pack / Operation time approx. 3,5 h

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 AS
 AT
 AU
 AV
 AW
 AX

Nystagmusbrillen (Halogen)
Nystagmus Spectacles (Halogen)
Gafas Nistagmo (Halógeno)
Lunettes Nystagmus (Halogène)
Occhiali Nistagmo (Halogeno)



AR 180/02

Feste Bikonvexlinsen (+18 Dioptrien) / fester, transversaler Batteriegriff (ohne Batterien) / Lichtstärkenregulierung -
Fixed biconvex lenses (+18 diopters) / fixed, transversal battery handle (without batteries) / light intensity control -
Lentes biconvexas, fijas (+18 dioptria) / mango de batería transversal, fijo (sin baterías) / intensidad de la luz regulable -
Lentilles biconvexes fixes (+18 dioptries) / poignée à batterie fixe, transversal (sans batteries) / intensité lumineuse réglable -
Lenti biconvesse, fisse (+18,0 diotrie) / manico a batteria fisso, transversal (senza batterie) / intensità luminosa regolabile



AR 180/03

Feste Bikonvexlinsen (+18 Dioptrien) / seitlicher, abnehmbarer Batteriegriff (ohne Batterien) mit Bajonettanschluss / Lichtstärkenregulierung -
Fixed biconvex lenses (+18 diopters) / lateral, detachable battery handle (without batteries) with bayonet connection / light intensity control -
Lentes biconvexas, fijas (+18 dioptria) / mango de batería lateral, desacoplable (sin baterías) con conexión bayoneta / intensidad de la luz regulable -
Lentilles biconvexes fixes (+18 dioptries) / poignée à batterie latérale, démontable (sans batteries) avec connexion baionnette / intensité lumineuse réglable -
Lenti biconvesse, fisse (+18,0 diotrie) / manico a batteria laterale, removibile (senza batterie) con connessione baionetta / intensità luminosa regolabile



AR 180/11

Feste Bikonvexlinsen (+18 Dioptrien) / Clip-Kopfband / festes Anschlusskabel 1,4 m / Li-Akku-Steuereinheit und Ladestation / Lichtstärkenregulierung / Timerfunktion -
Fixed biconvex lenses (+18 diopters) / clip-headband / fixed connection cable 1,4 m / Li-accumulator with control unit and charging station / light intensity control / timer function -
Lentes biconvexas, fijas (+18 dioptria) / cinta / cable fijo de conexión 1,4 m / Li-acumulador con unidad de control y base de recarga / intensidad de la luz regulable / función de temporizador -
Lentilles biconvexes fixes (+18 dioptries) / serre-tête / cable de raccordement fixe 1,4 m / Li-accumulateur avec appareil de contrôle y base de chargement / intensité lumineuse réglable / fonction de temporization -
Lenti biconvesse, fisse (+18,0 diotrie) / benda / cavo di raccordo 1,4 m / Li-accumulatore con unità di controllo y stazione di carico / intensità luminosa regolabile / funzione di timer

Nystagmusbrillen (LED)
 Nystagmus Spectacles (LED)
 Gafas Nistagmo (LED)
 Lunettes Nystagmus (DEL)
 Occhiali Nistagmo (LED)



AR 180/12

Feste Bikonvexlinsen (+18 Dioptrien) / Clip-Kopfband / festes Anschlusskabel 1,4 m / Steuereinheit mit Netzgerät / Lichtstärkenregulierung / Timerfunktion
 Fixed biconvex lenses (+18 diopters) / clip-headband / fixed connection cable 1,4 m / control unit with power supply / light intensity control / timer function
 Lentes biconvexas, fijas (+18 dioptria) / cinta / cable fijo de conexión 1,4 m / unidad de control con aparato de alimentación / intensidad de la luz regulable / función de temporizador -
 Lentilles biconvexes fixes (+18 dioptries) / serre-tête / cable de raccordement fixe 1,4 m / appareil de contrôle avec bloc d'alimentation / fonction de temporization-
 Lenti biconvesse, fisse (+18,0 diotrie) / benda / cavo di raccordo 1,4 m / unità di controllo con alimentatore / intensità luminosa regolabile / funzione di timer



AR 180/23

Ersatzlampe
 Spare bulb
 Lámpara de repuesto
 Lampe de rechange
 Lampada di ricambio



AR 180/24

Lampenabdeckung
 Bulb cover
 Cobertura para lámpara
 Cache pour lampe
 Copertura per lampada

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Facelift-Markierer, Sensibilitäts-Instrumente
 Facelift marker, Sensibility Instruments
 Marcador para facelift, Instrumentos sensibilidad
 Marqueur pour facelift, Instruments sensibilités
 Marcatore per facelift, Strumenti per sensibilità



AR 297/16
 16,0 cm/6 1/4"

AR 298/16
 16,0 cm/6 1/4"



ALY
AR 300/00
 19,0 cm/7 1/2"



WARTENBERG
AR 301/00

Stethoskope
Stethoscopes
Estetoscopios
Stéthoscopes
Stetoscopi



RIRAP

40,0 cm/16" = **AR 320/40**

80,0 cm/32" = **AR 320/80**

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Stethoskope
Stethoscopes
Estetoscopios
Stéthoscopes
Stetoscopi



CARDIOPHON
AR 321/00



DUPLEX
AR 322/00

Blutdruckmesser
Blood Pressure Manometers
Manómetro para la presión de la sangre
Tensiomètre à mercure
Sfigmomanometro a mercurio



PRECISA
AR 352/00

Diagnostik-Bestecke
Diagnostic Sets
Juegos para diagnóstico
Trousses à diagnostic
Astucci per diagnostica



UNI-ECONOM
AR 400/00

Diagnostik-Bestecke
 Diagnostic Sets
 Juegos para diagnóstico
 Trousses à diagnostic
 Astucci per diagnostica



OTO - / OPHTHALMOSKOP
AR 402/00



OTOSKOP UNI
AR 410/00

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USB Video Otokop



USB VIDEO OTOSKOP ORLVISION OX1
AR 415/00

Technical Specification Video Otokop OX1

Model	OX1
Direction of View (DOV)	0°
Field of View (FOV)	60°
Depth of Focus (DOF)	5 - 50 mm
Diameter Ø	4,0 mm
Ear Funnel, Disposable	2,0 mm und 4,0 mm
Illumination	High Power Whitelight LED
Video System	NTSC
Interface	USB 2.0 and Composite Video (Cinch)
Power Supply	5V Medical AC-Adapter or USB 2.0
Dimensions, Handpiece	130 mm x 40 mm x 40 mm / 60 Gramm
Dimensions, Hub	170 mm x 70 mm x 130 mm / 400 Gramm
Supply Cable, Hub to USB	1800 mm
Supply Cable, Hub to Handpiece	1800 mm
Medical Classification	Class 1
Protection Class	IP 65

ORTHOPÄDIE
ORTHOPAEDIC
ORTOPEDIA
ORTHOPEDIE
ORTOPEDIA

KA

nopa[®] instruments

Weitere Orthopädie-Instrumente finden Sie in unserem Orthopädie-Programm.

For further orthopaedic instruments, kindly refer to our orthopedics assortment.

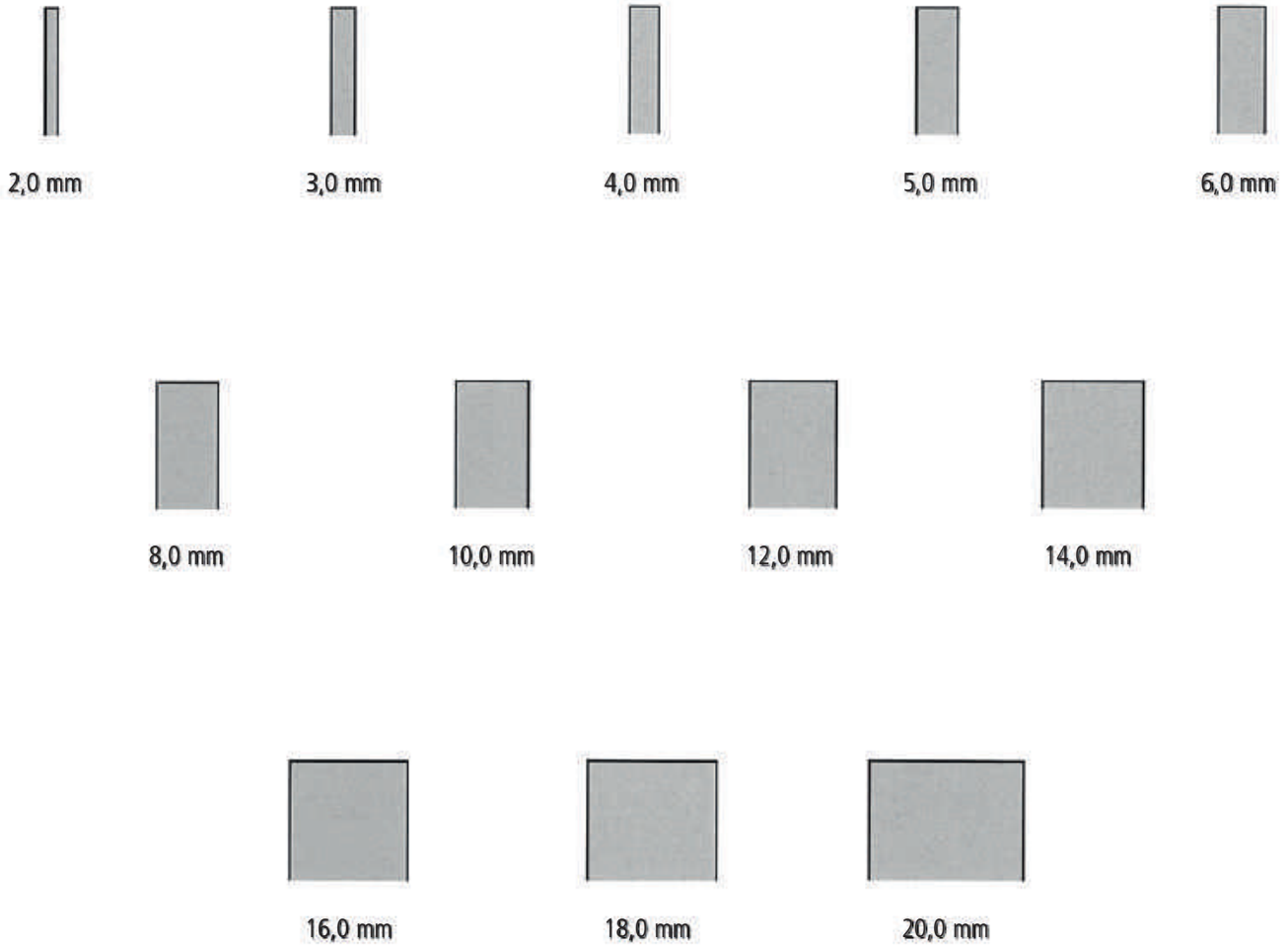
Para instrumentos de ortopedia adicionales, por favor consulte nuestro programa de ortopedia.

Pour des instruments d'orthopédie supplémentaires, consultez notre gamme d'orthopédie.

Per gli altri strumenti ortopedici, consultare il nostro assortimento de la ortopedia.



Maßtabelle
 Scale
 Tabla de medida
 Tableau de la mesure
 Scala



Weitere Größen finden Sie in unserem Orthopädie-Programm.
 For further sizes kindly refer to our orthopaedics assortment.

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



1/2

mm 13,5 cm/5 1/4"

- 8,0 KA 400/08
- 10,0 KA 400/10
- 12,0 KA 400/12
- 14,0 KA 400/14
- 16,0 KA 400/16



1/2

13,5 cm/5 1/4"

- KA 401/08
- KA 401/10
- KA 401/12
- KA 401/14
- KA 401/16



1/2

13,5 cm/5 1/4"

- KA 402/08
- KA 402/10
- KA 402/12
- KA 402/14
- KA 402/16



1/2

HOKE
 mm 14,0 cm/5 1/2"

- 3,0 KA 404/03
- 5,0 KA 404/05
- 6,0 KA 404/06
- 8,0 KA 404/08
- 9,0 KA 404/09



1/2

LUCAS
 mm 16,0 cm/6 1/4"

- 4,0 KA 406/04
- 6,0 KA 406/06



1/2

LUCAS
 mm 16,0 cm/6 1/4"

- 3,0 KA 407/03
- 5,0 KA 407/05

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



	ALEXANDER
	18,0 cm/7"
mm	
4,0	KA 418/04
6,0	KA 418/06
8,0	KA 418/08
10,0	KA 418/10
12,0	KA 418/12
14,0	KA 418/14

	ALEXANDER
	18,0 cm/7"
mm	
4,0	KA 419/04
6,0	KA 419/06
8,0	KA 419/08
10,0	KA 419/10
12,0	KA 419/12
14,0	KA 419/14



13,5 cm/5 ¹ / ₄ "	17,0 cm/6 ³ / ₄ "
KA 433/02	KA 437/02
KA 433/03	KA 437/03
KA 433/04	KA 437/04
KA 433/05	KA 437/05
KA 433/06	KA 437/06
KA 433/07	KA 437/07
KA 433/08	KA 437/08

PARTSCH

mm	13,5 cm/5 ¹ / ₄ "	17,0 cm/6 ³ / ₄ "
2,0	KA 443/02	KA 447/02
3,0	KA 443/03	KA 447/03
4,0	KA 443/04	KA 447/04
5,0	KA 443/05	KA 447/05
6,0	KA 443/06	KA 447/06
7,0	KA 443/07	KA 447/07
8,0	KA 443/08	KA 447/08

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

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SMITH-PETERSEN
 20,0 cm/8"

mm	KA 450/06	KA 451/06		
6,0	KA 450/09	KA 451/09	KA 452/09	KA 453/09
9,0	KA 450/13	KA 451/13		
13,0			KA 452/14	KA 453/14
14,0				
16,0	KA 450/16	KA 451/16	KA 452/19	KA 453/19
19,0	KA 450/19	KA 451/19		

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



HIBBS
 24,0 cm/9 1/2"

mm
 6,0 **KA 455/06**
 13,0 **KA 455/13**

KA 456/06
KA 456/13

KA 457/06
KA 457/13

KA 458/06
KA 458/13

KA 459/06
KA 459/13

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



STILLE
 20,0 cm/8"

mm
 8,0 **KA 460/08**
 10,0 **KA 460/10**
 15,0 **KA 460/15**

KA 461/08
KA 461/10
KA 461/15

KA 462/08
KA 462/10
KA 462/15

KA 463/08
KA 463/10
KA 463/15

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



MINI-LEXER
 18,0 cm/7"



MINI-LEXER
 18,0 cm/7"



LEXER
 22,0 cm/8³/₄"



LEXER
 22,0 cm/8³/₄"

mm
 4,0
 6,0
 7,0
 8,0
 10,0
 12,0
 15,0

KA 470/04
KA 470/06
KA 470/08
KA 470/10
KA 470/12
KA 470/15

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

KA 472/07
KA 472/10
KA 472/15

KA 473/07
KA 473/10
KA 473/15

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

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



LEXER
 27,5 cm/10³/₄"

mm
 5,0
 10,0 **KA 474/10**
 15,0 **KA 474/15**



LEXER
 27,5 cm/10³/₄"

KA 475/10
KA 475/15



LEXER
 25,0 cm/10"

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



LEXER
 25,0 cm/10"

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

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

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



COBB
 28,0 cm/11"

KA 478/01



COBB
 28,0 cm/11"

KA 478/02



COBB
 28,0 cm/11"

KA 478/03



COBB
 28,0 cm/11"












KA 478/04

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



DAHMEN
 30,0 cm/12"

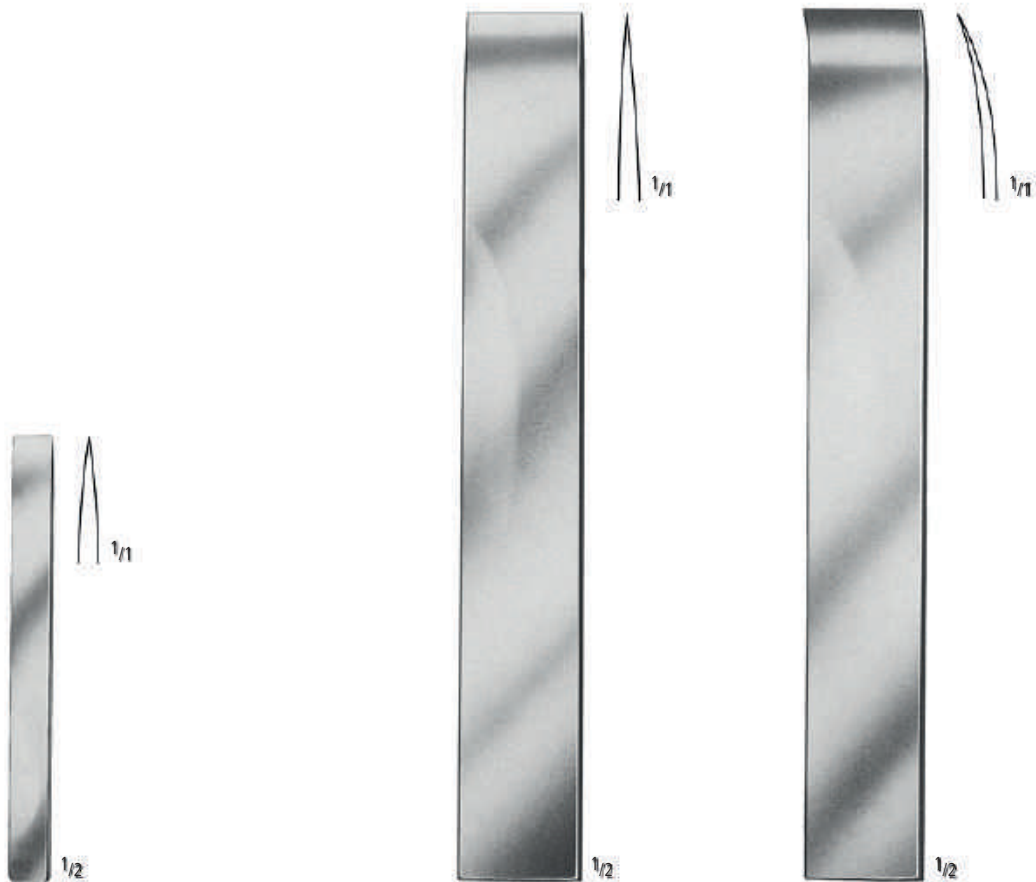
Ferrozellgriff
 Hartpress-Handle
 Mango en "Ferrozell"
 Manche en "Ferrozell"
 Manico in "Ferrozell"

							
	4,0 mm	5,0 mm	6,0 mm	8,0 mm	10,0 mm	12,0 mm	15,0 mm
							
	KA 479/01	KA 479/02	KA 479/03	KA 479/04			
	KA 479/05	KA 479/06	KA 479/07	KA 479/08			
	KA 479/09	KA 479/10	KA 479/11	KA 479/12			
	KA 479/13	KA 479/14	KA 479/15	KA 479/16			
	KA 479/17	KA 479/18	KA 479/19	KA 479/20			
	KA 479/21	KA 479/22	KA 479/23	KA 479/24			
	KA 479/25	KA 479/26	KA 479/27	KA 479/28			

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

Weitere Meißel und Osteotome siehe Gruppe KO
 Further Chisels, Gouges and Osteotomes see section KO
 Otras tijeras Cinceles y Gubias ver seccion KO
 D'autres Ciseaux-Burins et Ostéotomes voir groupe KO
 Altre Scalpelli, Osteotomi, Sgorbie vedi gruppo KO



MINI-LAMBOTTE
 12,5 cm/5"

MINI-LAMBOTTE
 17,0 cm/6³/₄"

LAMBOTTE
 24,0 cm/9¹/₂"

LAMBOTTE
 23,0 cm/9"

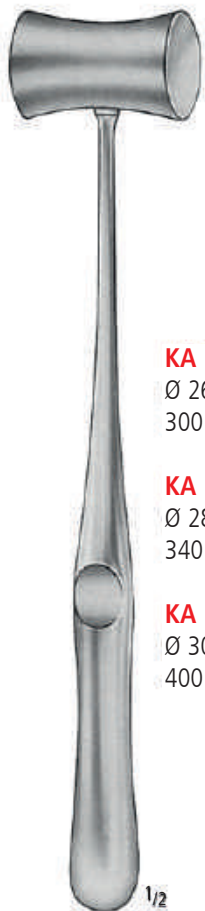
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| mm | |
| 3,0 | KA 480/03 |
| 4,0 | KA 480/04 |
| 6,0 | KA 480/06 |
| 8,0 | KA 480/08 |
| 10,0 | KA 480/10 |
| 12,0 | KA 480/12 |
| 15,0 | KA 480/15 |

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| | KA 481/10 |
| | KA 481/12 |
| | KA 481/15 |

- | | |
|------|------------------|
| mm | |
| 15,0 | KA 482/15 |

- | | |
|--|------------------|
| | KA 483/15 |
|--|------------------|

Hämmer
Mallets
Martillos
Marteaux
Martelli



KA 520/30
Ø 26 mm
300 g (10³/₄ oz.)

KA 520/34
Ø 28 mm
340 g (12 oz.)

KA 520/40
Ø 30 mm
400 g (14¹/₄ oz.)

WILLIGER
24,0 cm/9¹/₂"

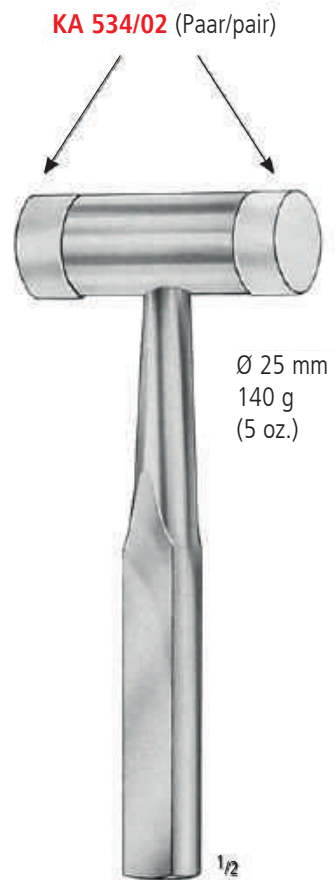


COTTLE
KA 531/24
19,0 cm/7¹/₂"
240 g (8¹/₂ oz.)



Ø 30 mm
220 g (7³/₄ oz.)

COLLIN
KA 532/22
20,0 cm/8"



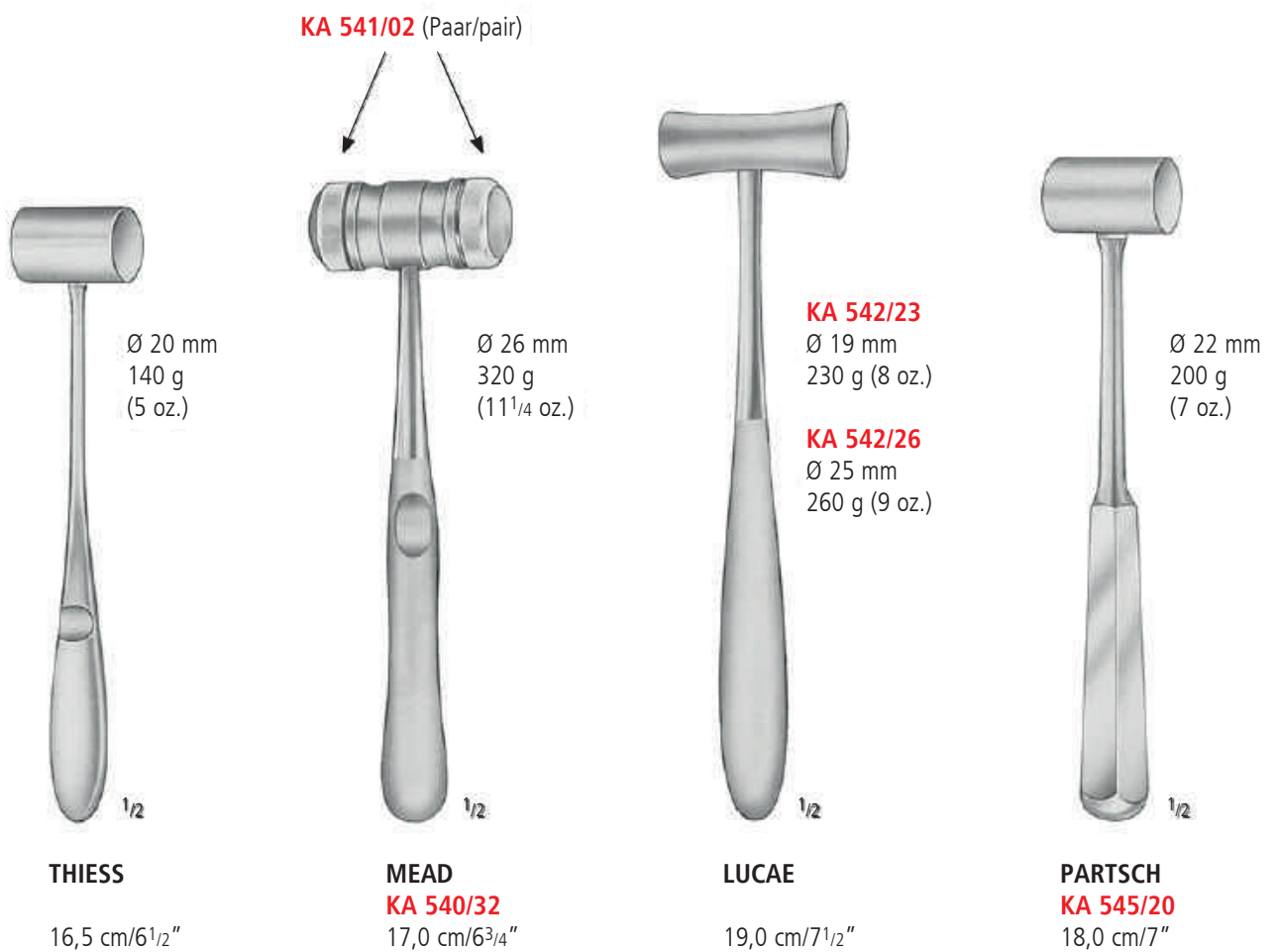
KA 534/02 (Paar/pair)

Ø 25 mm
140 g
(5 oz.)

KA 534/14
18,0 cm/7"

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Hämmer
Mallets
Martillos
Marteaux
Martelli



KA 535/16

bleigefüllt
lead filled
relleno de plomo
garni de plomb
guarnito di piombo

KA 536/16

Messing, massiv
brass, solid
latón, macizo
laiton, solide
ottone, solido

Hämmer
Mallets
Martillos
Marteaux
Martelli



KA 554/90



KA 554/37
370 g (12³/₄ oz.)
Ferrozell



KA 555/13
125 g (4¹/₄ oz.)
Ferrozell



Ø 25,0 mm
320 g

mit auswechselbaren Backen
with interchangeable discs
con tapas intercambiables
avec plaques interchangeables
con placche intercambiabili

KA 556/32
18,0 cm/7"

KA 556/99
Nylonbacken allein, paarweise
Nylon Faces only, pair
Tapas de Nylon sueltas, par
Plaques en Nylon seules, paire
Placche in Nylon sole, a paia

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Scharfe Löffel
 Bone Currettes
 Cucharillas cortantes
 Currettes tranchantes
 Curette taglienti



VOLKMANN
 17,0 cm/6³/₄"



Fig. 0000
KA 600/00



Fig. 000
KA 601/00



Fig. 00
KA 602/00



Fig. 0
KA 603/00



Fig. 1
KA 603/01



Fig. 2
KA 603/02



Fig. 3
KA 603/03



Fig. 4
KA 603/04



Fig. 5
KA 603/05



Fig. 6
KA 603/06

1/11



BRUNS
 17,0 cm/6³/₄"



Fig. 000
KA 610/00



Fig. 00
KA 611/00



Fig. 0
KA 612/00



Fig. 1
KA 612/01



Fig. 2
KA 612/02



Fig. 3
KA 612/03



Fig. 4
KA 612/04



Fig. 5
KA 612/05



Fig. 6
KA 612/06

1/11

Scharfe Löffel
 Bone Curettes
 Cucharillas cortantes
 Curettes tranchantes
 Curette taglienti

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Fig. 000
KA 615/00



Fig. 00
KA 616/00



Fig. 0
KA 617/00



Fig. 1
KA 617/01



Fig. 2
KA 617/02



Fig. 3
KA 617/03



Fig. 4
KA 617/04



Fig. 5
KA 617/05



SPRATT
 17,0 cm/6³/₄"



SCHUDE
 17,0 cm/6³/₄"



Fig. 000
KA 620/00



Fig. 00
KA 621/00



Fig. 0
KA 622/00



Fig. 1
KA 622/01



Fig. 2
KA 622/02



Fig. 3
KA 622/03



Fig. 4
KA 622/04

Scharfe Löffel
 Bone Currettes
 Cucharillas cortantes
 Currettes tranchantes
 Curette taglienti



2 mm
KA 623/02



3 mm
KA 623/03



4 mm
KA 623/04



5 mm
KA 623/05



6 mm
KA 623/06



3 mm
KA 623/13



4 mm
KA 623/14



5 mm
KA 623/15



6 mm
KA 623/16



FOX



PIFFARD



4 mm
KA 624/01



5 mm
KA 624/02



6 mm
KA 624/03

Scharfe Löffel
 Bone Curettes
 Cucharillas cortantes
 Curettes tranchantes
 Curette taglienti

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BRUNS
 23,0 cm/9"



Fig. 000
KA 625/00

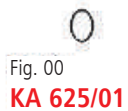


Fig. 00
KA 625/01



Fig. 0
KA 625/02



Fig. 1
KA 625/03

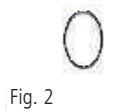


Fig. 2
KA 625/04



Fig. 3
KA 625/05

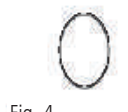


Fig. 4
KA 625/06



Fig. 5
KA 625/07



Fig. 6
KA 625/08



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



Fig. 000
KA 626/00



Fig. 00
KA 627/00



Fig. 0
KA 628/00



Fig. 1
KA 628/01

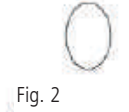


Fig. 2
KA 628/02



Fig. 3
KA 628/03



Fig. 4
KA 628/04



Fig. 5
KA 628/05



Fig. 6
KA 628/06



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



Fig. 000
KA 629/00



Fig. 00
KA 630/00



Fig. 0
KA 631/00



Fig. 1
KA 631/01



Fig. 2
KA 631/02



Fig. 3
KA 631/03



Fig. 4
KA 631/04



Fig. 5
KA 631/05



Fig. 6
KA 631/06

Scharfe Löffel
Bone Currettes
Cucharillas cortantes
Currettes tranchantes
Curette taglienti



WILLIGER
13,5 cm/5¹/₄"



MARTINI
13,5 cm/5¹/₄"



JANSEN
KA 644/16
16,0 cm/6¹/₄"



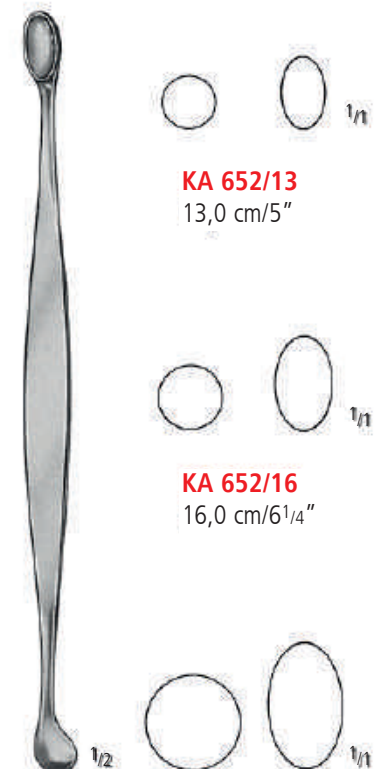
JANSEN
KA 645/15
15,0 cm/6"



KA 648/21
21,0 cm/8¹/₄"



VOLKMANN **KA 650/17**
17,0 cm/6³/₄"



VOLKMANN **KA 652/20**
20,0 cm/8"

Raspatorien
Raspatories
Raspadores
Rugines-Raspatoires
Periostotomi

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KA 665/18
18,0 cm/7"



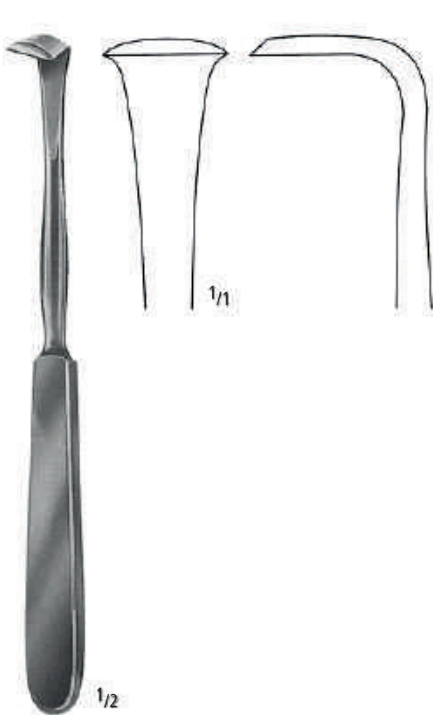
KA 666/18
18,0 cm/7"



KA 667/18
18,0 cm/7"



KA 668/18
18,0 cm/7"



LANGENBECK
KA 671/18
18,0 cm/7"



LANGENBECK
KA 672/19
19,0 cm/7 1/2"

15 mm
KA 673/15



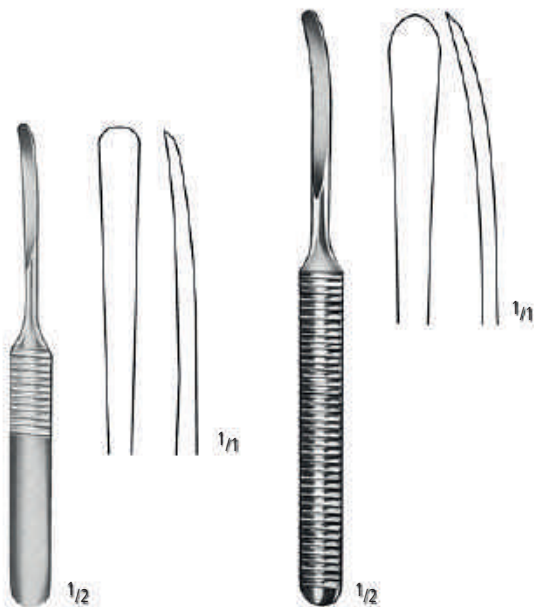
KA 675/05

6,0 mm
KA 675/06

7,0 mm
KA 675/07

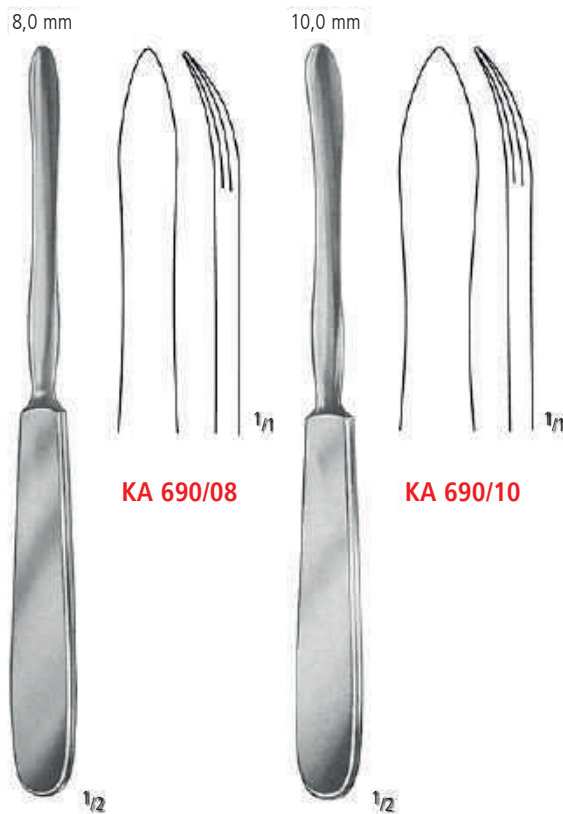
16,0 cm/6 1/4"

Raspatorien, Elevatorien
 Raspatories, Elevators
 Raspadores, Elevadores
 Rugines-Raspatoires, Elévateurs
 Periostotomi, Elevatori



WILLIGER
KA 680/13
 13,0 cm/5"

WILLIGER
KA 680/16
 16,0 cm/6¹/₄"



KA 690/06

KA 690/08

KA 690/10

LANGENBECK
 19,5 cm/7³/₄"



WILLIGER
KA 692/16
 16,0 cm/6¹/₄"



WILLIGER
KA 694/17
 17,0 cm/6³/₄"



SEBILEAU
KA 695/05
 17,5 cm/7"

Elevatori
Elevators
Elevadores
Elévateurs
Elevatori



KA 696/17
17,5 cm/6³/₄"



KA 698/16
16,0 cm/6¹/₄"



ALDERDYCE
KA 699/21
21,0 cm/8¹/₄"



McDONALD
KA 700/19
19,0 cm/7¹/₂"



KA 701/19
scharf
sharp
cortante
tranchant
tagliente

KA 702/19
stumpf
blunt
romo
moussé
smusso

FREER
19,0 cm/7¹/₂"



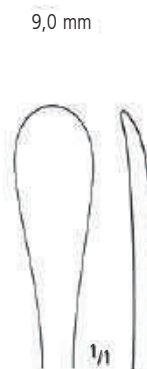
FREER
KA 703/18
18,0 cm/7"



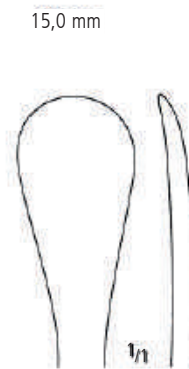
HOEN



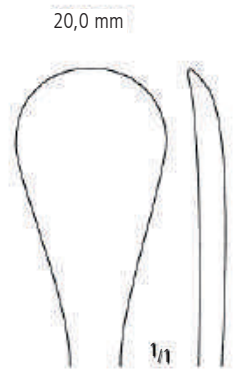
KA 704/07
18,0 cm/7"



KA 704/09
18,0 cm/7"



KA 704/15
19,0 cm/7¹/₂"



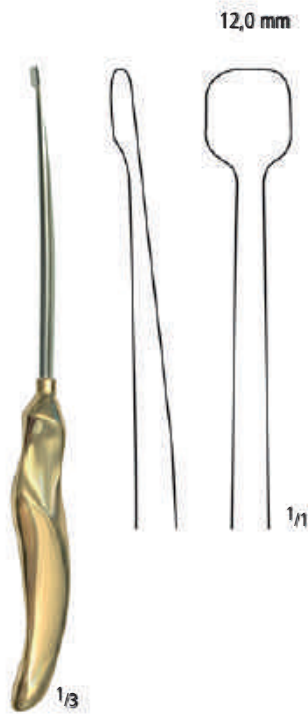
KA 704/20
19,0 cm/7¹/₂"

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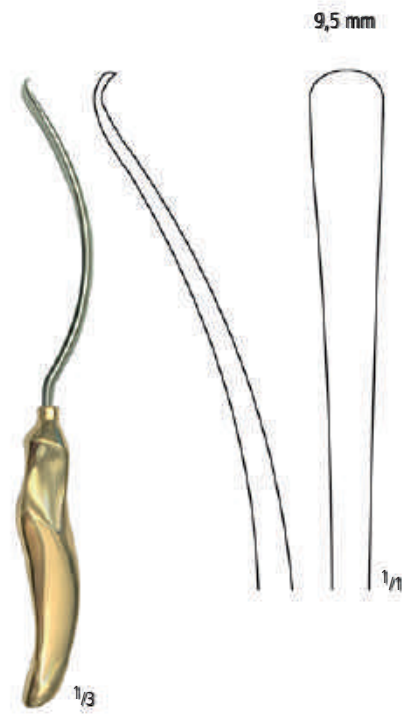
Face-Lift Dissektoren
 Face-Lift Dissectors
 Face-Lift Dissectores
 Face-Lift Dissecteurs
 Face-Lift Dissettori



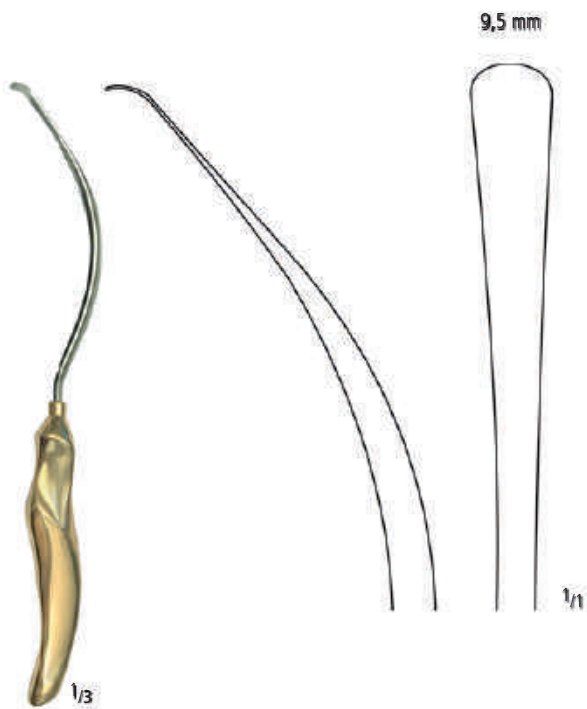
KA 709/01
 23,0 cm/9 1/8"



KA 709/02
 25,0 cm/9 3/4"



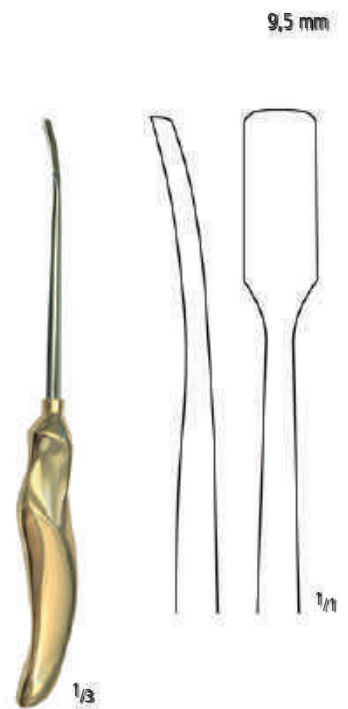
KA 709/03
 26,0 cm/10 1/4"



KA 709/04
 25,3 cm/10"



KA 709/05
 25,0 cm/9 3/4"

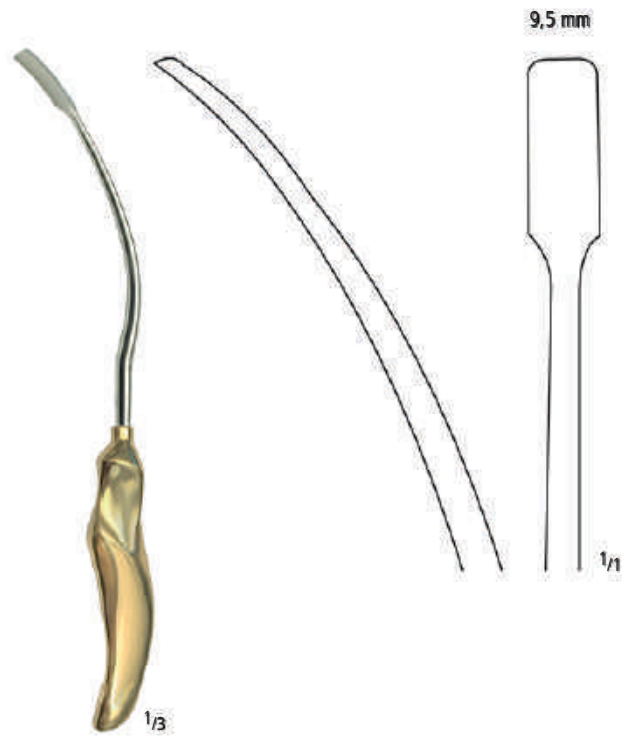


KA 709/06
 24,0 cm/9 1/2"

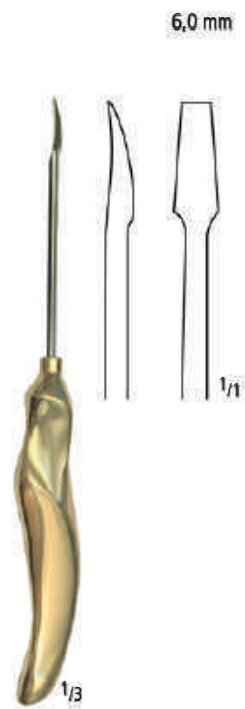
Face-Lift Dissektoren
 Face-Lift Dissectors
 Face-Lift Dissectores
 Face-Lift Dissecteurs
 Face-Lift Dissettori



KA 709/07
 24,0 cm/9¹/₂"



KA 709/12
 28,0 cm/11"



KA 709/30
 22,0 cm/8³/₄"



KA 709/31
 25,0cm/9³/₄"

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Face-Lift Dissektoren
 Face-Lift Dissectors
 Face-Lift Disectores
 Face-Lift Dissecteurs
 Face-Lift Dissettori



KA 709/32
 23,5 cm/9¹/₄"



KA 709/33
 24,0 cm/9¹/₂"



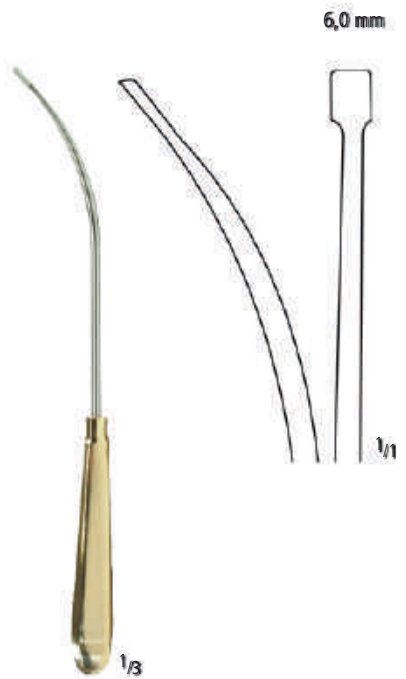
KA 709/34
 23,5 cm/9¹/₄"



KA 709/35
 23,5 cm/9¹/₄"



KA 709/36
 23,5 cm/9¹/₄"



KA 709/37
 23,5 cm/9¹/₄"

Face-Lift Dissektoren
 Face-Lift Dissectors
 Face-Lift Dissectores
 Face-Lift Dissecteurs
 Face-Lift Dissettori



KA 709/38
 21,0 cm/8¹/₄"



KA 709/39
 23,5 cm/9¹/₄"



KA 709/40
 23,5 cm/9¹/₄"



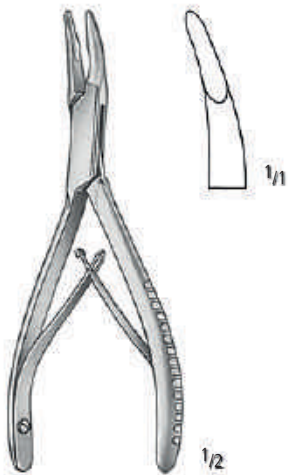
KA 710/01
 23,5 cm/9¹/₄"



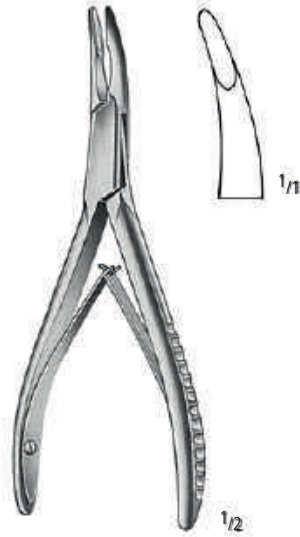
KA 710/02
 23,5 cm/9¹/₄"

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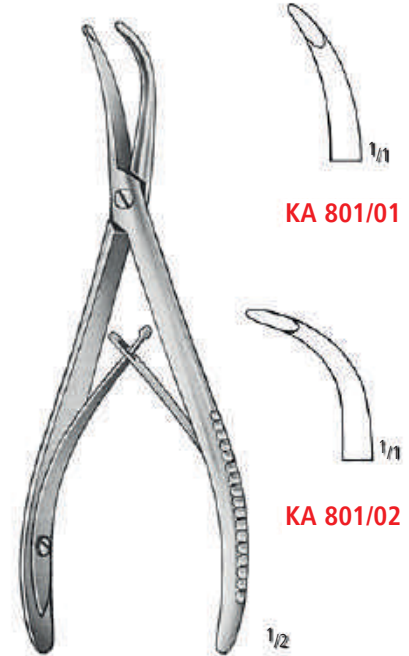
Hohlmeisselzangen
 Bone Rongeurs
 Pinzas-gubias
 Pincès-gouges
 Pinze-sgorbie



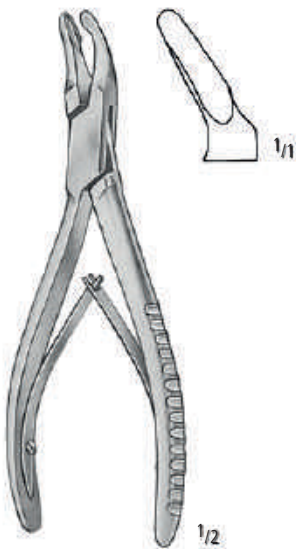
MINI-FRIEDMAN
KA 800/12
 12,0 cm/5"



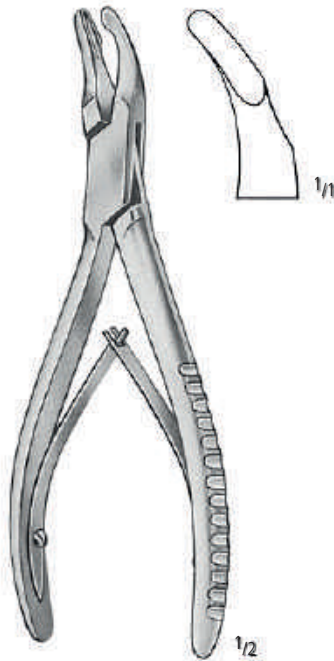
FRIEDMAN
KA 800/14
 14,0 cm/5 1/2"



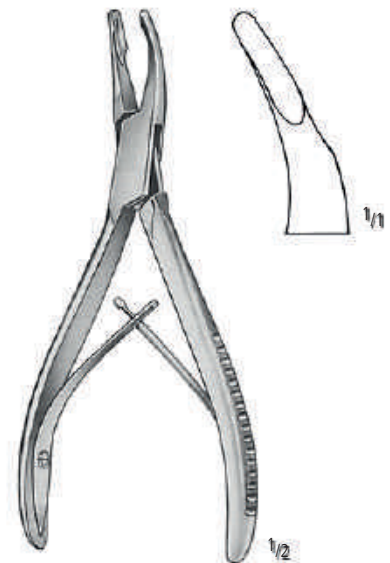
STELLBRINK
 17,0 cm/6 3/4"



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

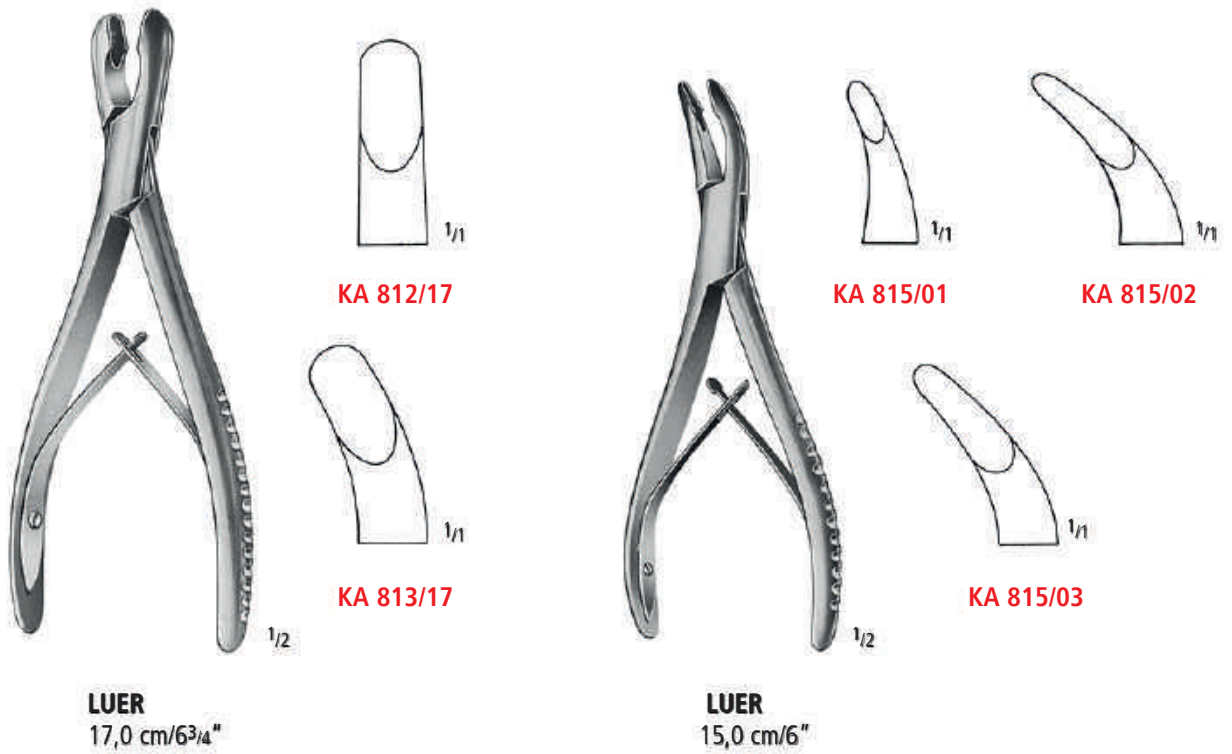
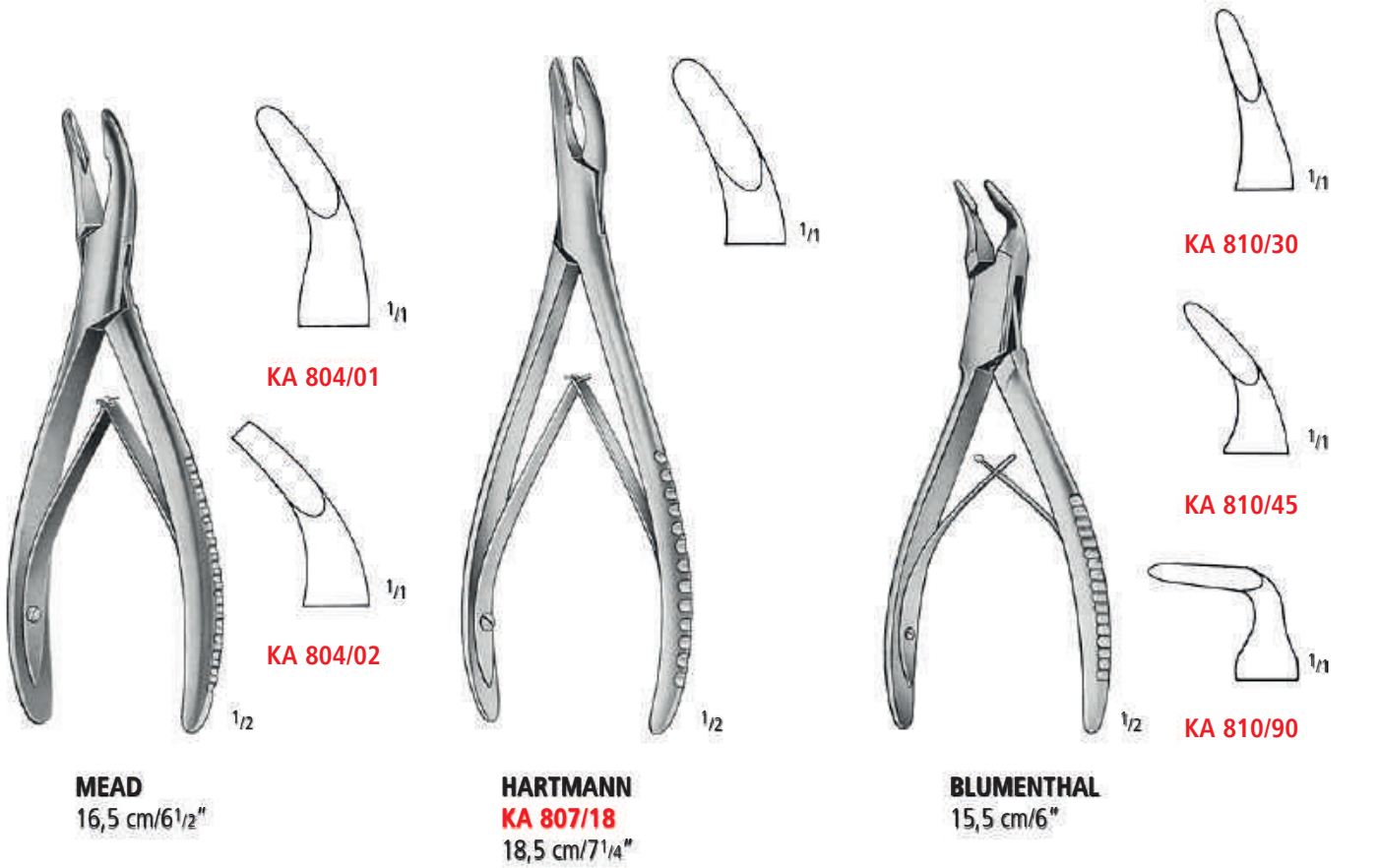


CLEVELAND
KA 802/17
 17,0 cm/6 3/4"



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

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



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



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



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

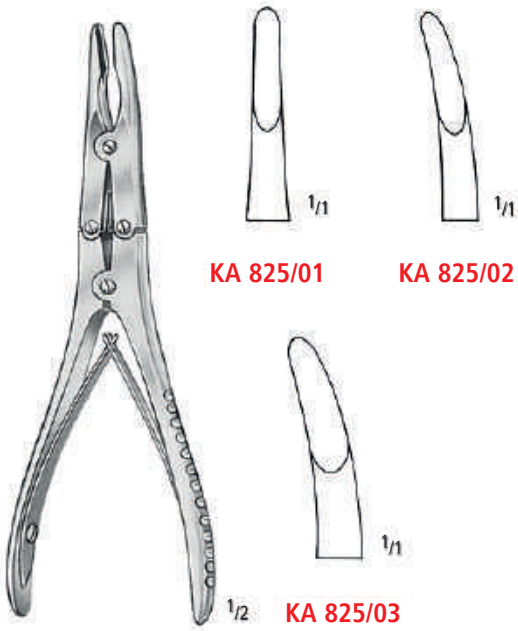


MARQUARDT
KA 821/20
 20,0 cm/8"



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

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

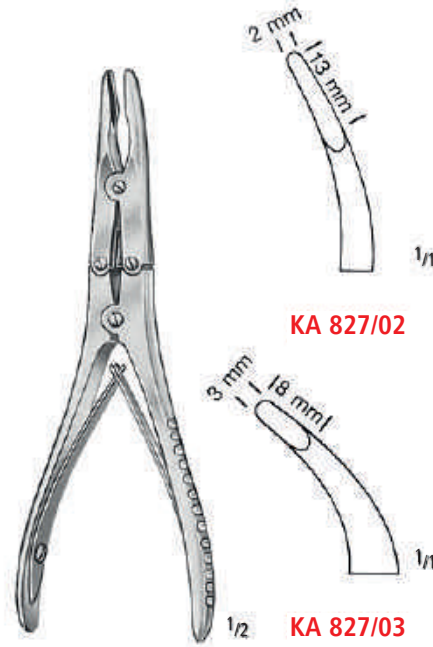


KA 825/01

KA 825/02

KA 825/03

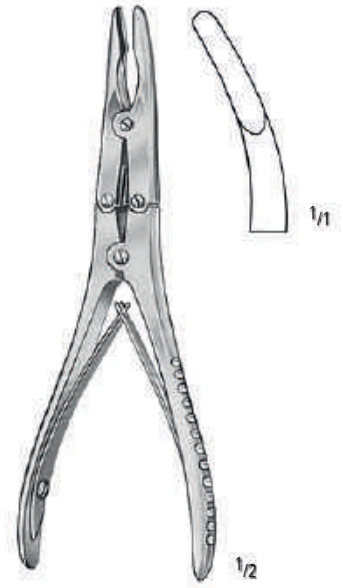
BÖHLER
 15,0 cm/6"



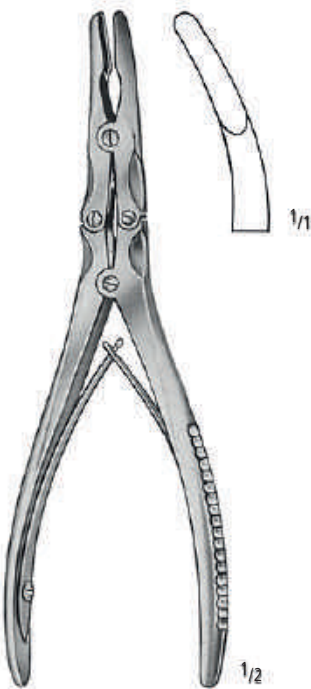
KA 827/02

KA 827/03

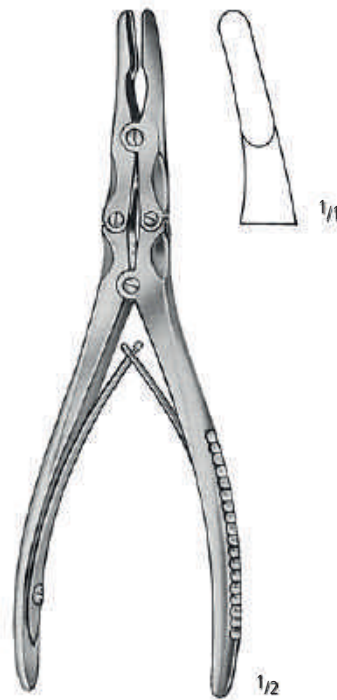
KLEINERT-KUTZ
 15,0 cm/6"



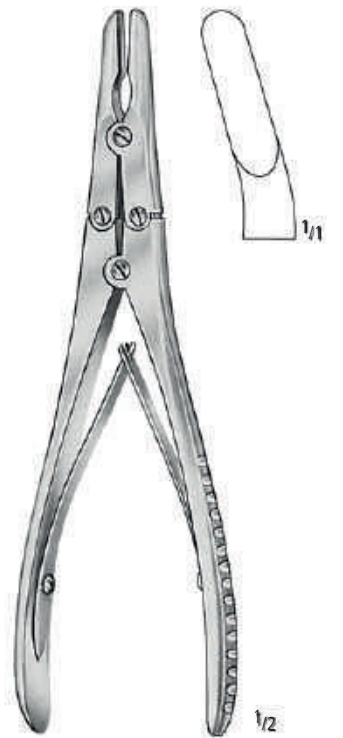
RUSKIN-MINI
KA 829/15
 15,0 cm/6"



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



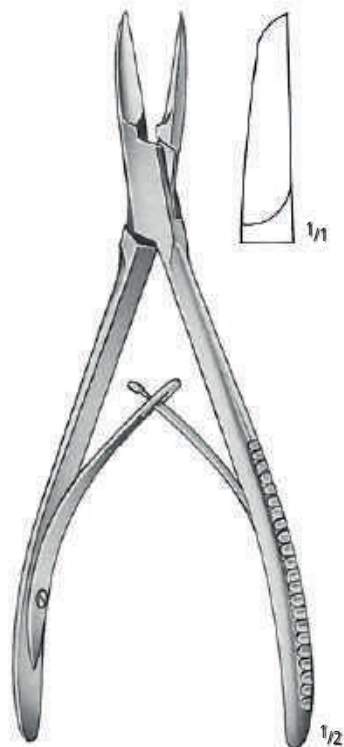
ZAUFAL-JANSEN
KA 835/18
 18,0 cm/7"



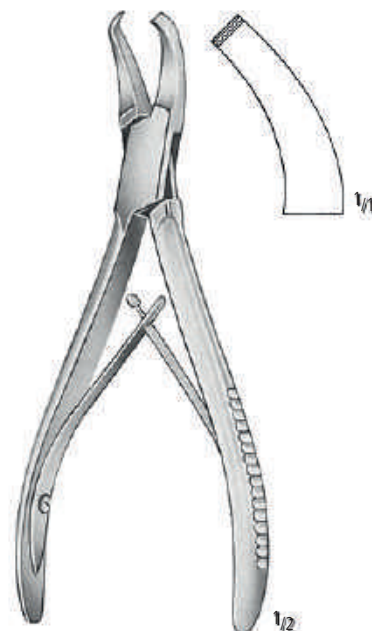
RUSKIN
KA 836/18
 18,0 cm/7"

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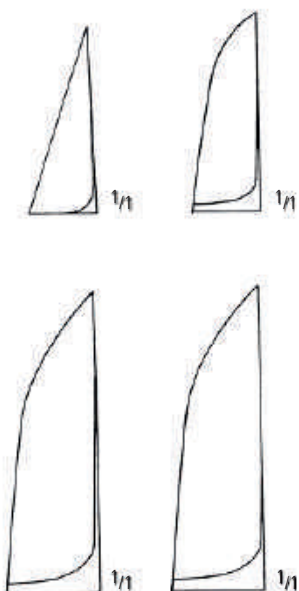
Knochensplitterzangen
 Bone Cutting Forceps
 Pinzas cortantes para huesos
 Pincas coupantes à os
 Cesioie per ossa



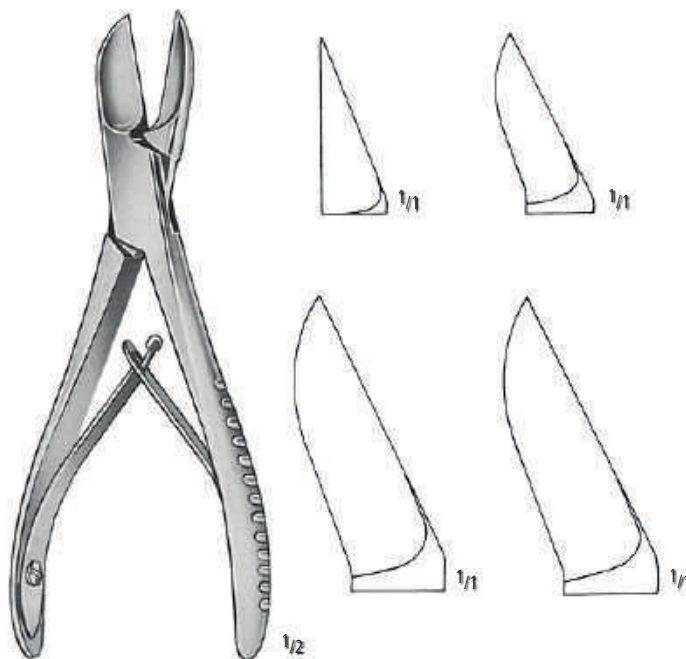
COTTLE KAZANJIAN
KA 870/19
 19,0 cm/7¹/₂"



CLEVELAND-GARDNER
KA 872/16
 18,0 cm/6¹/₄"



KA 880/14
KA 880/17
KA 880/19
KA 880/22



LISTON
 14,0 cm/5¹/₂"
 17,0 cm/6³/₄"
 19,0 cm/7¹/₂"
 22,0 cm/8³/₄"

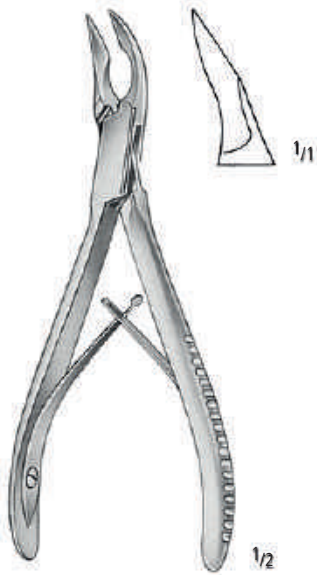
KA 881/14
KA 881/17
KA 881/19
KA 881/22



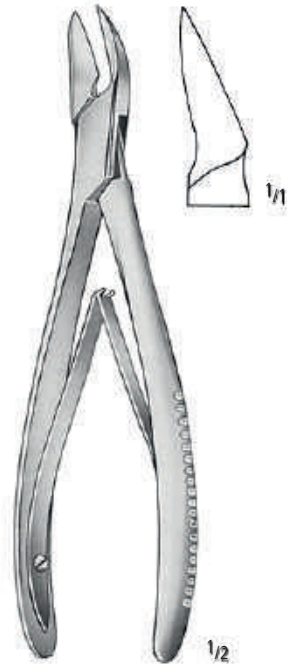
LITTAUER-LISTON
KA 882/15
 15,0 cm/6"

Knochensplitterzangen
 Bone Cutting Forceps
 Pinzas cortantes para huesos
 Pinces coupantes à os
 Cesioie per ossa

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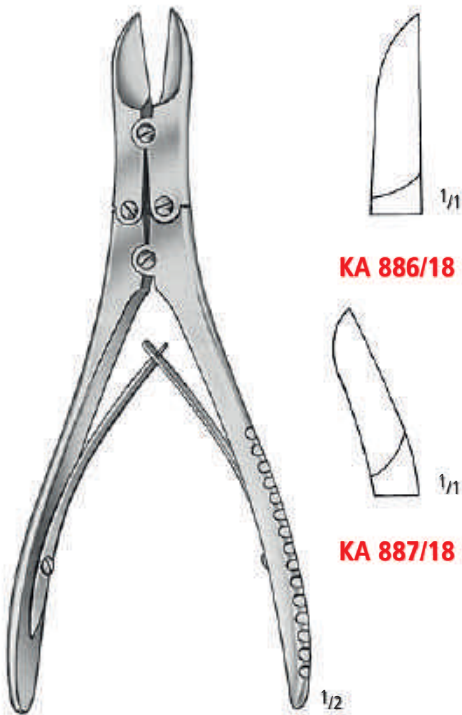
CLEVELAND
KA 884/15
 15,0 cm/6"



CLEVELAND
KA 884/17
 17,0 cm/6³/₄"



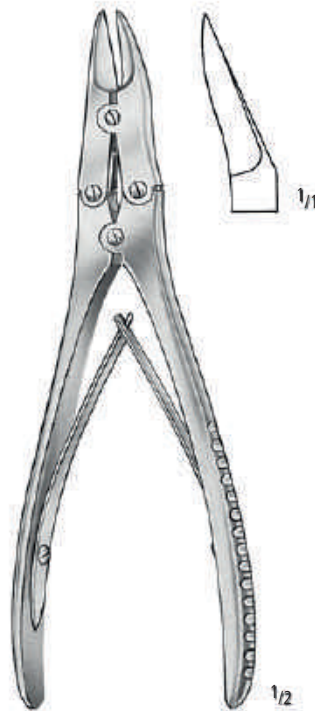
KA 885/12
 12,0 cm/4³/₄"



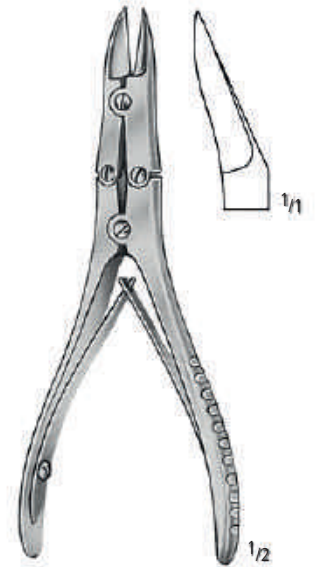
KA 886/18

KA 887/18

RUSKIN-LISTON
 18,5 cm/7¹/₄"

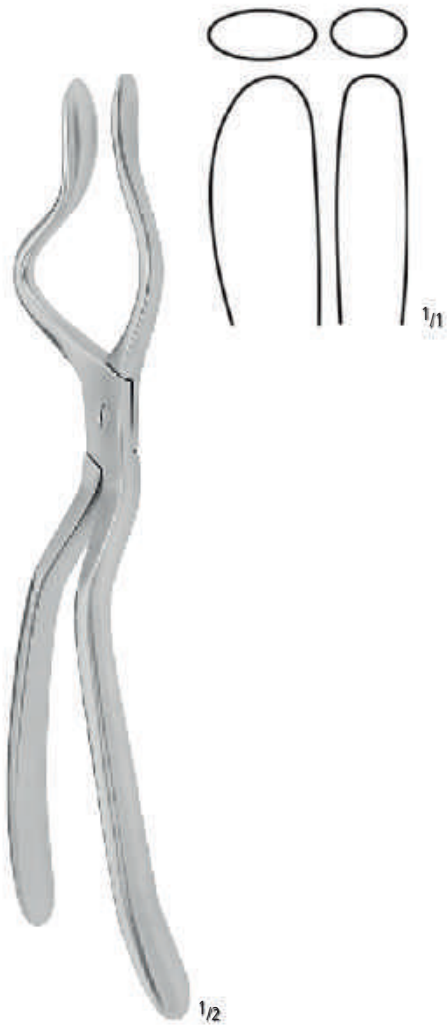


MC INDOE
KA 888/17
 17,5 cm/7"

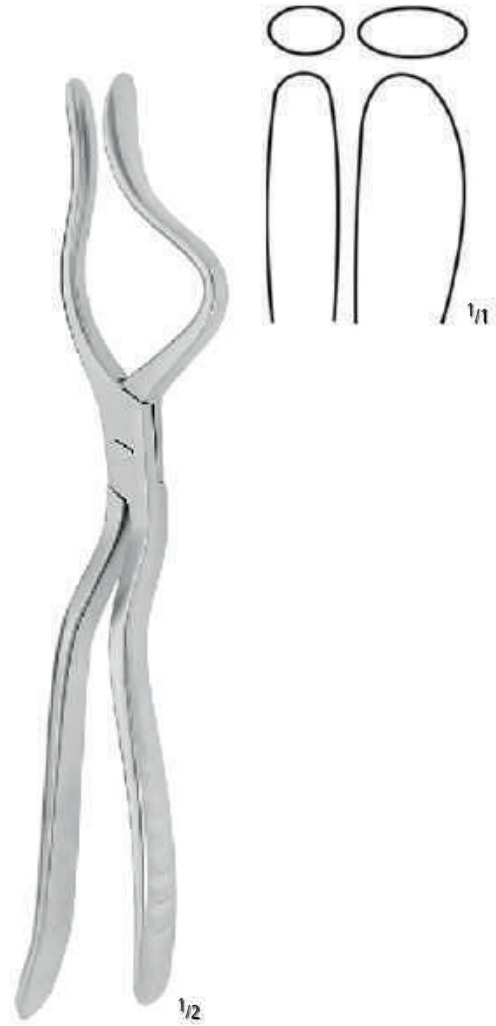


WALTON-LISTON
KA 889/01
 15,0 cm/6"

Repositionszangen
 Reposition Forceps
 Pinzas de reposicion
 Pinces de reposition
 Pinze per riposizione



ROWE
KA 2970/23
 23,0 cm/9"



ROWE
KA 2971/23
 23,0 cm/9"

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nopa[®] instruments

Mund	Seite	229-241
Mouth	Page	229-241
Boca	Página	229-241
Bouche	Page	229-241
Bocca	Pagina	229-241

Tracheotomie	Seite	242-246
Tracheotomy	Page	242-246
Traqueotomía	Página	242-246
Tracheotomie	Page	242-246
Tracheotomia	Pagina	242-246

Tonsillen	Seite	247-255
Tonsils	Page	247-255
Amígdalas	Página	247-255
Amygdales	Page	247-255
Tonsille	Pagina	247-255

Laryngologie	Seite	256-276
Laryngology	Page	256-276
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Laryngologie	Page	256-276
Laringologia	Pagina	256-276



KL MUND MOUTH BOCA BOUCHE BOCCA

Fingerschützer, Mundkeile, Mundsperrer
 Finger Protectors, Oral Wedges, Mouth Gags
 Dedales, Garrotes, Abre-bocas
 Doigtiers, Baillons, Ouvre-bouches
 Ditali, Apribocca



LANGENBECK

KL 015/01 **KL 015/02** **KL 015/03**
 Ø 22,0 mm Ø 24,5 mm Ø 26,5 mm



MAUNDER
KL 018/00



PITHA
KL 020/00



HEISTER
KL 030/13
 13,0 cm/5"



MOLT
KL 040/11
 11,0 cm/4 1/3"



MOLT
KL 040/14
 14,0 cm/5 1/2"

MUND MOUTH BOCA BOUCHE BOCCA

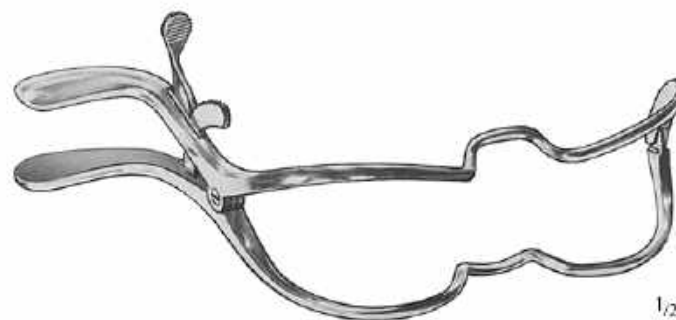
Mundsperrer
 Mouth Gags
 Abre-bocas
 Ouvre-bouches
 Apribocca



DENHART
KL 042/12
 12,0 cm/4¾"



ROSER-KÖNIG
 16,0 cm/6¼" **KL 044/16**
 19,0 cm/7½" **KL 044/19**



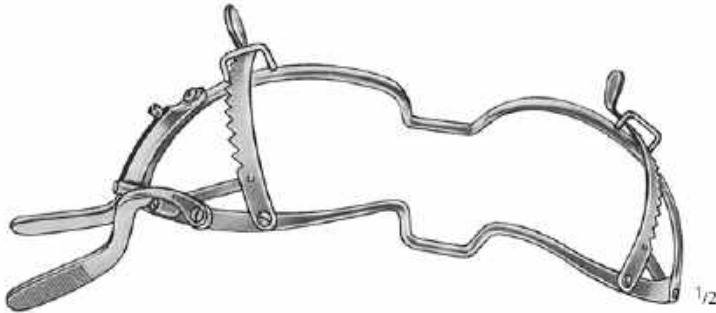
JENNINGS
KL 046/09 9,0 cm/3½"
KL 046/11 11,0 cm/4⅓"
KL 046/13 13,0 cm/5"
KL 046/15 15,0 cm/6"

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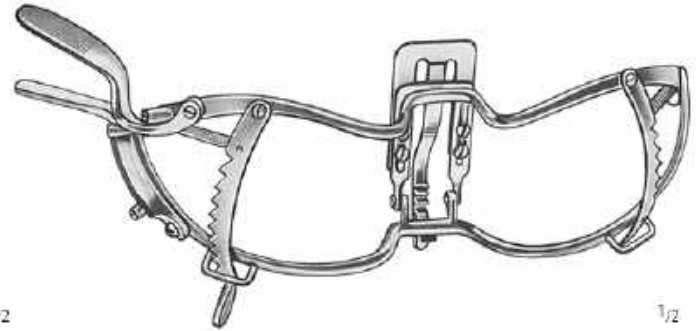
KL MUND MOUTH BOCA BOUCHE BOCCA

Mundsperrer
 Mouth Gags
 Abre-bocas
 Ouvre-bouches
 Apribocca



WHITEHEAD
KL 048/11
KL 048/13
KL 048/15

11,0 cm/4¹/₃"
 13,0 cm/5"
 15,0 cm/6"



WHITEHEAD
KL 049/11
KL 049/13
KL 049/15



KILNER-DOUGHTY
KL 060/00
 komplett
 complete
 completo
 complet
 completo



Fig. 1
KL 060/01
 65x28 mm



Fig. 2
KL 060/02
 75x32 mm



Fig. 3
KL 060/03
 80x37 mm



KL 060/08

MUND MOUTH BOCA BOUCHE BOCCA

Mundsperr
Mouth Gags
Abre-bocas
Ouvre-bouches
Apribocca



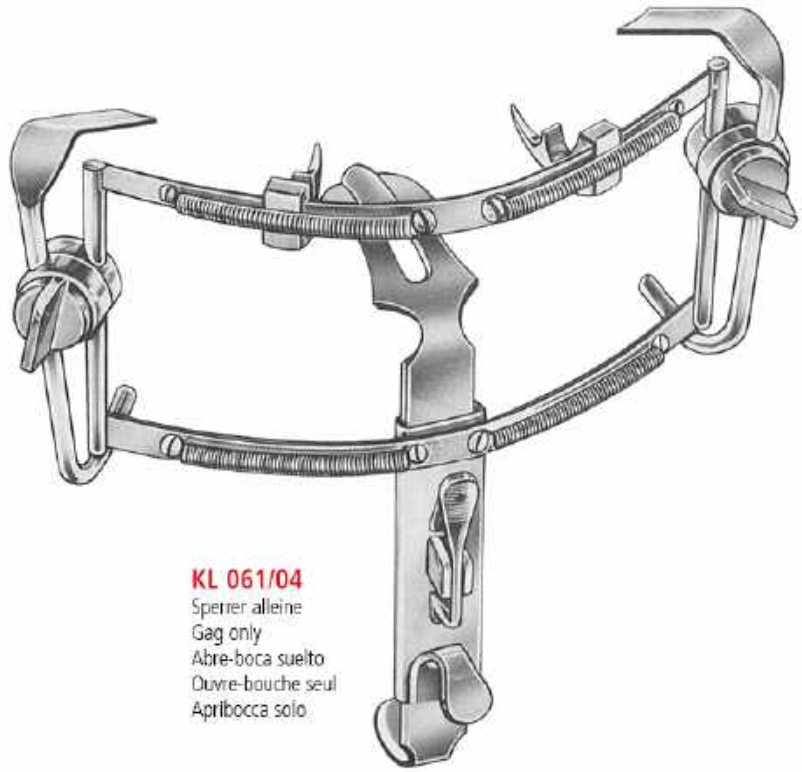
Fig. 1
KL 061/01
55x25 mm



Fig. 2
KL 061/02
60x27 mm



Fig. 3
KL 061/03
70x30 mm



KL 061/04
Sperrer alleine
Gag only
Abre-boca suelto
Ouvre-bouche seul
Apribocca solo

DINGMANN
KL 061/00
komplett
complete
completo
complet
completo



KL 064/06
Sperrer alleine
Gag only
Abre-boca suelto
Ouvre-bouche seul
Apribocca solo

DAVIS-BOYLE
KL 064/00
komplett
complete
completo
complet
completo



KL 064/08
Silikon
Silicon
Silicona
Silicone
Silicone

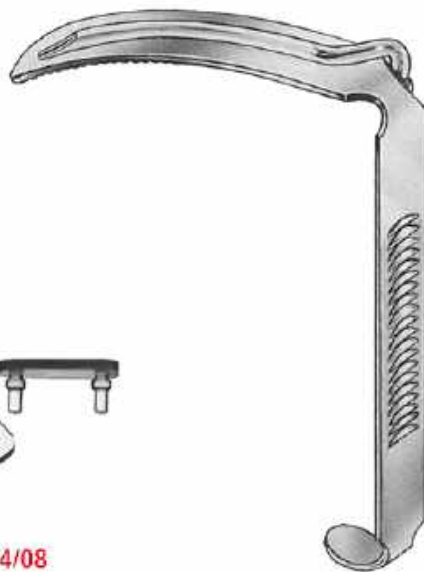


Fig. 1
KL 064/01
105x27 mm



Fig. 2
KL 064/02
90x25 mm



Fig. 3
KL 064/03
75x25 mm



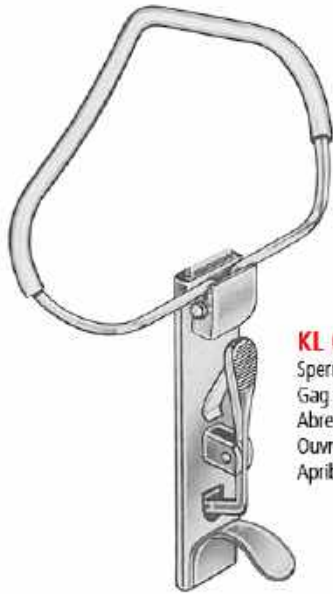
Fig. 4
KL 064/04
60x22 mm



Fig. 5
KL 064/05
25x20 mm

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Mundsperrer
 Mouth Gags
 Abre-bocas
 Ouvre-bouches
 Apribocca



KL 066/04
 Sperrer alleine
 Gag only
 Abre-boca suelto
 Ouvre-bouche seul
 Apribocca solo

MC IVOR
KL 066/00
 komplett
 complete
 completo
 complet
 completo

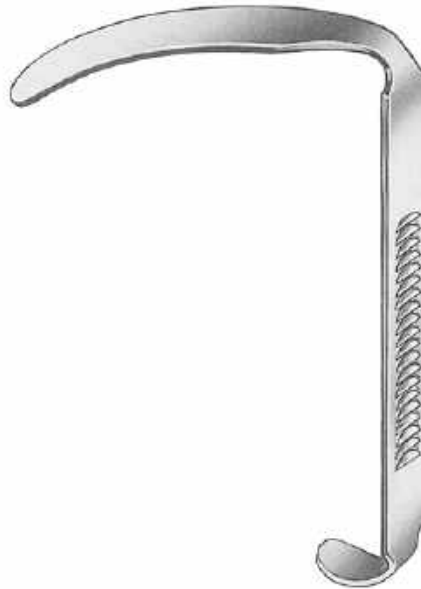


Fig. 1
KL 066/01
 95x27 mm



Fig. 2
KL 066/02
 85x22 mm



Fig. 3
KL 066/03
 70x22 mm



links
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 à gauche
 a sinistra
 a la izquierda



rechts
 right
 à droite
 a destra
 a la derecha

RING

Fig.		
2	KL 067/02	65x24 mm
3	KL 067/03	72x27 mm
4	KL 067/04	87x34 mm
5	KL 067/05	95x37 mm

KL 067/12	
KL 067/13	
KL 067/14	
KL 067/15	



MODELL WÜRZBURG

Fig.		
1	66x28 mm	KL 068/01
2	75x32 mm	KL 068/02
3	83x34 mm	KL 068/03
4	93x37 mm	KL 068/04
5	100x38 mm	KL 068/05

MUND MOUTH BOCA BOUCHE BOCCA

Mundsperr
Mouth Gags
Abre-bocas
Ouvre-bouches
Apribocca

links
left
à gauche
a sinistra
a la izquierda



DAVIS-MAYER
KL 069/01

rechts
right
à droite
a destra
a la derecha



DAVIS-MAYER
KL 069/03



DAVIS-MAYER

Fig.		
1	70 mm	KL 069/11
2	75 mm	KL 069/12
3	80 mm	KL 069/13
4	85 mm	KL 069/14



HERBERHOLD

Fig.		
1	63x28 mm	KL 070/01
2	73x33 mm	KL 070/02
3	82x37 mm	KL 070/03
4	90x42 mm	KL 070/04

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KYE
X

Mundsperrer
 Mouth Gags
 Abre-bocas
 Ouvre-bouches
 Apribocca



KL 072/01

Band für Bruststütze für Mundsperrer
 Band for Chest support for Mouth Gag
 La bande Supporte contra-pecho para abre-bocas
 Nastro Support contre-poirtrine pour ouvre-bouches
 La cinta Supporto contro-petto per apribocca



NEGUS

KL 072/08 = 8,5 cm/3 1/4"
 KL 072/11 = 11,0 cm/4 1/4"
 KL 072/14 = 14,0 cm/5 1/2"

Bruststütze für Mundsperrer
 Chest support for Mouth Gag
 Soporte contra-pecho para abre-bocas
 Support contre-poirtrine pour ouvre-bouches
 Supporto contro-petto per apribocca



DRAFFIN
KL 073/00

Bruststütze für Mundsperrer
 Bipod for mouth gag
 Soporte de pecho bipod
 Support de poitrine bipod
 Supporto di petto bipod

Mundkeile
 Oral Wedges
 Garrotes
 Baillons
 Apribocca

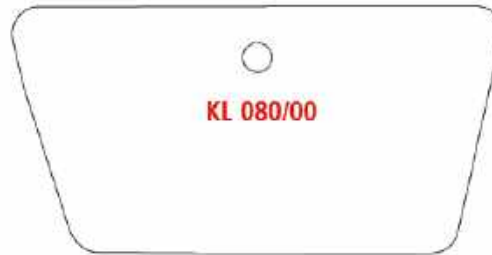
für Erwachsene
 for adults
 para adultos
 pour adultes
 per adulti

für Kinder
 for children
 para niños
 pour enfants
 per bambini



1/2

McKESSON
KL 080/00-04



KL 080/00



KL 080/03



KL 080/01



KL 080/04



KL 080/02



1/2

McKESSON
KL 082/01-04



KL 082/01



KL 082/03



KL 082/02



KL 082/04

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KL ZUNGE TONGUE LENGUA LANGUE LINGUA

Wangen- und Lippenhalter, Zungendrücker
 Cheek and Lip Retractors, Tongue Depressors
 Separadores para mejillas y labios, Abaja-lenguas
 Ecarteurs des joues et des lèvres, Abaisse-langues
 Divaricatori per guancie e labbra, Abbassalingua



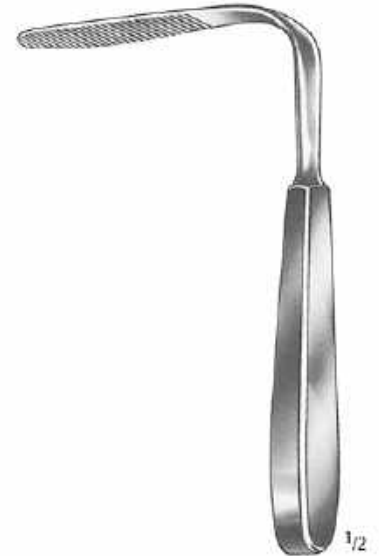
SIMPLEX
KL 100/11
 11,0 cm/4¹/₃"



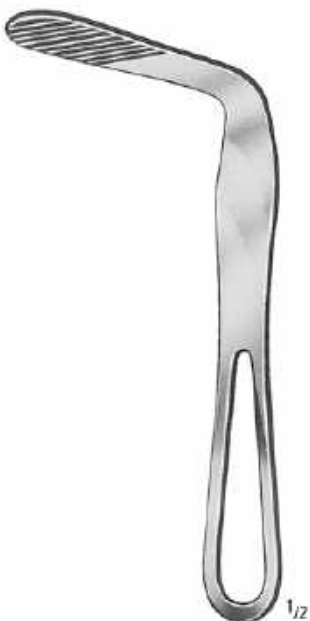
LACK
KL 103/13 = 13,0 cm/5"
KL 103/19 = 19,0 cm/7¹/₂"
KL 103/22 = 22,0 cm/8³/₄"



STERNBERG
KL 105/12 = 12,0 cm/4³/₄"
KL 105/14 = 14,0 cm/5¹/₂"
KL 105/16 = 16,0 cm/6¹/₄"



TOBOLD
KL 112/14
 14,5 cm/5³/₄"



HARTMANN
KL 114/15
 15,0 cm/6"



MORITZ-SCHMIDT
KL 116/19
 19,0 cm/7¹/₂"



WIEDER
 14,5 cm/5³/₄"



KL 120/14
 28 mm



KL 120/15
 32 mm

ZUNGE TONGUE LENGUA LANGUE LINGUA

Wangen- und Lippenhalter, Zungendrucker
 Cheek and Lip Retractors, Tongue Depressors
 Separadores para mejillas y labios, Abaja-lenguas
 Ecarteurs des joues et des lèvres, Abaisse-langues
 Divaricatori per guancie e labbra, Abbassalingua



KL 122/19
 19,0 cm/7 1/2"



STANDARD
KL 124/14
 14,5 cm/5 3/4"



UNIV. MINNESOTA
KL 125/14
 14,0 cm/5 1/2"



KROENIG
KL 126/15
 15,0 cm/6"



MAYO
KL 128/17
 17,0 cm/6 3/4"



DOYEN
KL 129/13
 13,0 cm/5"



DOYEN
KL 129/16
 16,0 cm/6 1/4"



BRUENINGS
KL 130/19
 19,0 cm/7 1/2"



FRENZEL
KL 131/16
 16,5 cm/6 1/2"



KL 132/18
 18,0 cm/7"

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KL MUND MOUTH BOCA BOUCHE BOCCA

Retraktoren, Zungenzangen
 Retractors, Tongue Holding Forceps
 Separadores, Pinzas tira-lengua
 Ecarteurs, Pincés tire-langue
 Divaricatori, Pinze tiralingua



KL 133/16
 16,5 cm/6¹/₂"



KL 134/22
 22,0 cm/8³/₄"
 16,0 mm



KL 135/01
 21,0 cm/8¹/₄"



KL 135/02
 21,0 cm/8¹/₄"



KL 136/25
 25,0 cm/10"
 12,5/27,0 mm



COLLIN
KL 140/16
 16,0 cm/6¹/₄"



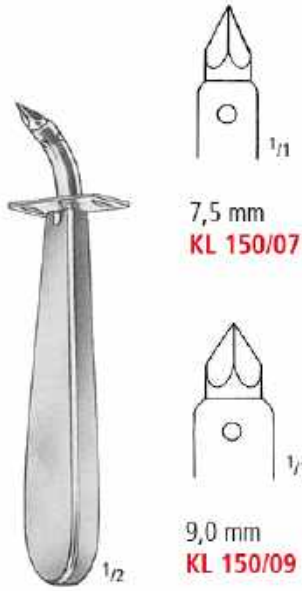
YOUNG
KL 144/17
 17,0 cm/6³/₄"



KL 144/99
 Paar
 pair
 par
 pairé
 paio

MUND MOUTH BOCA BOUCHE BOCCA

Retraktoren, Zungenzangen, Trokare
 Retractors, Tongue Holding Forceps, Trocars
 Separadores, Pinzas tira-lengua, Traqueótomos
 Ecarteurs, Pincas tire-langue, Trachéotomes
 Divaricatori, Pinze tiralingua, Tracheotomi



UCKERMANN

7,5 mm
KL 150/07

9,0 mm
KL 150/09



STIERLEN

KL 153/07 = 7,0 cm/2³/₄"
KL 153/09 = 9,0 cm/3¹/₂"
KL 153/10 = 10,0 cm/4"



LABORDE
KL 155/14
 14,0 cm/5¹/₂"



TROUSSEAU
KL 157/14
 14,0 cm/5¹/₂"



WEERDA
KL 158/19
 19,0 cm/ 7¹/₂"



BOSE
KL 159/07
 7,0 cm/2³/₄"

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Tracheal-Häkchen
Trachea Retractors
Separadores para la tráquea
Ecarteurs pour trachéotomie
Uncini tracheali



links
left
izquierdo
à gauche
sinistro

BOSE
KL 166/01
16,0 cm/6¹/₄"



rechts
right
derecho
à droite
destro

BOSE
KL 166/02
16,0 cm/6¹/₄"



KL 167/01

KL 167/02

ITERSON
16,0 cm/6¹/₄"



SCHOENBORN
KL 176/21
21,0 cm/8¹/₄"



LUKENS
KL 177/17
17,0 cm/6³/₄"

TRACHEOTOMIE TRACHEOTOMY TRAQUEOTOMIA TRACHEOTOMIE TRACHEOTOMIA

Tracheal-Häkchen
Trachea Retractors
Separadores para la tráquea
Ecarteurs pour trachéotomie
Uncini tracheali



KL 178/01



KL 178/02



JACKSON
KL 179/17
17,0 cm/6³/₄"



ROSE
KL 180/13
13,0 cm/5"



LUER
KL 181/11
11,0 cm/4¹/₃"



JACKSON
KL 182/15
15,0 cm/6"



NEWS
KL 183/15
15,0 cm/6"



HUPP
KL 184/15
15,0 cm/6"



WAGNER-MOSHER
Ø 5,0 mm **KL 185/05**
Ø 7,0 mm **KL 185/07**
Ø 9,0 mm **KL 185/09**

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KL TRACHEOTOMIE TRACHEOTOMY TRAQUEOTOMIA TRACHEOTOMIE TRACHEOTOMIA

Tracheal-Kanülen
Trachea Tubes
Cánulas traqueales
Canules pour trachéotomie
Canule tracheali

Internationale Größenskala
International scale
Escala Internacional
Echelle internationale
Scala internazionale

Fig.	0	1	2	3	4	5	6	7	8	9
Ø mm	4	5	6	7	8	9	10	11	12	13
Charr./Fr.	12	15	18	21	24	27	30	33	36	39
Länge	45	50	55	60	65	70	75	80	85	90

Länge des Außenrohrs
Length of outer tube
Large de la cánula exterior
Longueur du tube extérieur
Lunghezza del tubo esterno

Sprechkanüle
Speaking tube
Cánula parlante
Canule parlante
Cannula parlante



Standard



CHEVALIER-JACKSON



Kunststoff
Plastic
El plástico
Plastique
Materia plastica

Fig.	mm Ø	45-90 mm	45-90 mm	65-90 mm
0	4	KL 200/04	KL 206/04	
1	5	KL 200/05	KL 206/05	
2	6	KL 200/06	KL 206/06	
3	7	KL 200/07	KL 206/07	
4	8	KL 200/08	KL 206/08	KL 210/08
5	9	KL 200/09	KL 206/09	KL 210/09
6	10	KL 200/10	KL 206/10	KL 210/10
7	11	KL 200/11	KL 206/11	KL 210/11
8	12	KL 200/12	KL 206/12	KL 210/12
9	13	KL 200/13	KL 206/13	KL 210/13



GUEDEL Size 0-4, 10 pieces
Airways Set
KL 215/00

TRACHEOTOMIE TRACHEOTOMY TRAQUEOTOMIA TRACHEOTOMIE TRACHEOTOMIA

Tracheotomie-Besteck
Tracheotomy Set
Estuche para traqueotomía
Jeu d'instruments pour trachéotomie
Set per tracheotomia



KL 234/00

bestehend aus:

- 1 Metalletui
- AD 010/04** 1 Griff und 1 Klinge Fig. 20
- AD 010/04** 1 Griff und 1 Klinge Fig. 23
- AB 050/13** 1 Anatomische Pinzette 13,0 cm
- AB 060/13** 2 Chirurgische Pinzetten 13,0 cm
- AA 214/13** 2 Pean Klemmen 13,0 cm
- AL 015/13** 1 Hohlsonde 13,0 cm
- KL 159/07** 1 Trachealdilatator Bose
- KL 167/02** 2 Trachealhäkchen Iterson, stumpf
- KL 166/01** 1 Trachealhäkchen Bose, scharf, links
- KL 166/02** 1 Trachealhäkchen Bose, scharf, rechts
- KL 200/07** 1 Trachealkanüle Luer Standard, Fig. 2
- KL 200/08** 1 Trachealkanüle Luer Standard, Fig. 4
- 1 Reinigungsbürste

compuesto de:

- 1 Estuche de metal
- AD 010/04** 1 Mango con 1 hoja fig. 20
- AD 010/04** 1 Mango con 1 hoja fig. 23
- AB 050/13** 1 Pinza de disección, 13,0 cm
- AB 060/13** 2 Pinzas de disección, 13,0 cm, 1:2
- AA 214/13** 2 Pean Pinzas hemostáticas, 13,0 cm
- AL 015/13** 1 Sonda acanalada, 13,0 cm
- KL 159/07** 1 Dilatador traqueal Bose
- KL 167/02** 2 Separadores traqueales Iterson, romos
- KL 166/01** 1 Separador traqueal, agudo, izquierdo
- KL 166/02** 1 Separador traqueal, agudo, derecho
- KL 200/07** 1 Luer Cánula traqueal, Standard, fig. 2
- KL 200/08** 1 Luer Cánula traqueal, Standard, fig. 4
- 1 Cepillo de limpieza

composto da:

- 1 scatola in metallo
- AD 010/04** 1 Manico di bisturi con 1 lama fig. 20
- AD 010/04** 1 Manico di bisturi con 1 lama fig. 23
- AB 050/13** 1 Pinza per dissezione, 13,0 cm
- AB 060/13** 2 Pinze per dissezione, 13,0 cm, 1:2
- AA 214/13** 2 Pinze ermostatiche Pean, 13,0 cm
- AL 015/13** 1 Sonda scanalata, 13,0 cm
- KL 159/07** 1 Dilatatore traqueale Bose
- KL 167/02** 2 Uncini traqueali Iterson, smussi
- KL 166/01** 1 Uncino traqueale Bose, acuto, sinistro
- KL 166/02** 1 Uncino traqueale Bose, acuto, destro
- KL 200/07** 1 Luer Cannula traqueale Standard, fig. 2
- KL 200/08** 1 Luer Cannula traqueale Standard, fig. 4
- 1 Spazzolino per pulire

consisting of:

- 1 Metal case
- AD 010/04** 1 Handle with 1 blade Fig. 20
- AD 010/04** 1 Handle with 1 blade Fig. 23
- AB 050/13** 1 Dressing Forceps 13,0 cm
- AB 060/13** 2 Tissue Forceps 13,0 cm
- AA 214/13** 2 Pean Artery Forceps 13,0 cm
- AL 015/13** 1 Grooved Director 13,0 cm
- KL 159/07** 1 Trachea Dilator Bose
- KL 167/02** 2 Trachea Retractors, Iterson, blunt
- KL 166/01** 1 Trachea Retractor, Bose, sharp, left
- KL 166/02** 1 Trachea Retractor, Bose, sharp, right
- KL 200/07** 1 Luer Trachea Tube Standard, Fig. 2
- KL 200/08** 1 Luer Trachea Tube Standard, Fig. 4
- 1 Cleaning Brush

composé de:

- 1 boîte métal
- AD 010/04** 1 Manche de bistouri et 1 lame fig. 20
- AD 010/04** 1 Manche de bistouri et 1 lame fig. 23
- AB 050/13** 1 Pince à dissection, 13,0 cms
- AB 060/13** 2 Pinces à griffes, 13,0 cms
- AA 214/13** 2 Pinces hémostatiques Péan, 13,0 cms
- AL 015/13** 1 Sonde cannelée, 13,0 cms
- KL 159/07** 1 Dilatateur trachéal Bose
- KL 167/02** 2 Erignes trachéales Iterson, mousses
- KL 166/01** 1 Erigne trachéale Bose, pointue, à gauche
- KL 166/02** 1 Erigne trachéale Bose, pointue, à droite
- KL 200/07** 1 Luer Canule trachéale Standard, fig. 2
- KL 200/08** 1 Luer Canule trachéale Standard, fig. 4
- 1 Brosse à nettoyer

AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NM NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

KL KROPF GOITRE BOCIO GOITRE GOZZO

Sonden, Fasszangen, Muskelklemme
 Directors, Seizing Forceps, Muscular Clamp
 Sondas, Pinzas para el bocio, Pinza para músculos
 Sondes, Pince à goitre, Pince musculaire
 Sonde, Pinze per gozzo, Pinza muscolare



KOCHER

15,0 cm/6"
 16,0 cm/6¹/₄"
 18,0 cm/7"

KL 240/15
KL 240/16



¹/₁



¹/₁

KL 241/15
KL 241/16



¹/₁

KL 242/18



LAHEY

KL 244/15
 15,0 cm/6"

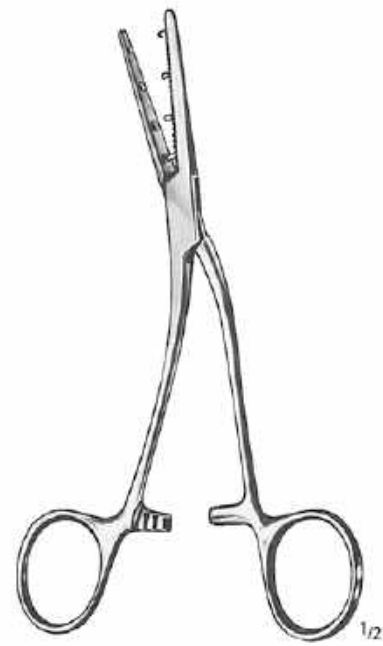


¹/₁



¹/₁

KL 244/20
 20,0 cm/8"

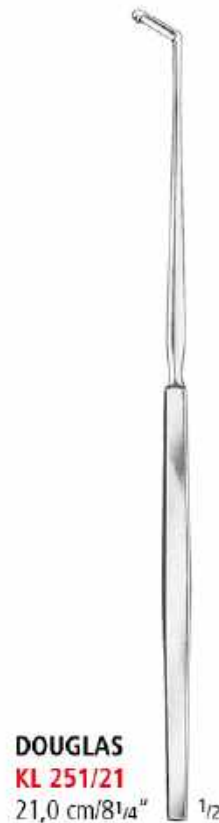


MASTIN
KL 245/17
 17,0 cm/6³/₄"

¹/₂

TONSILLEN TONSILS AMIGDALAS AMYGDALES TONSILLE

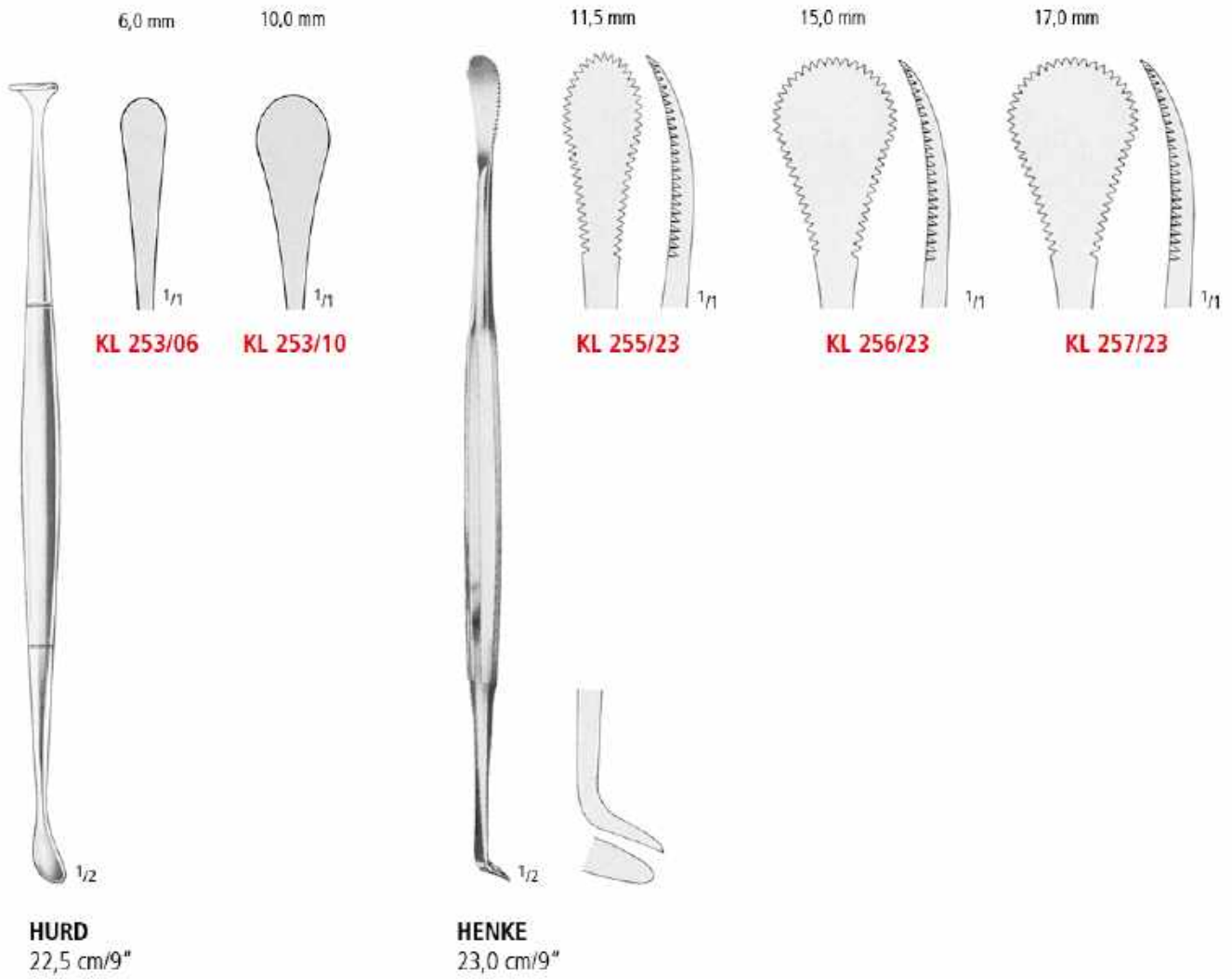
Tonsillmesser
Tonsil Knives
Bisturles para amígdalas
Bistouris pour amygdales
Bisturi per tonsille



AA
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KL TONSILLEN TONSILS AMIGDALAS AMYGDALES TONSILLE

Dissektoren
Dissectors
Disecadores
Dissecteurs
Dissettori



TONSILLEN TONSILS AMIGDALAS AMYGDALES TONSILLE

Dissektoren
Dissectors
Disecadores
Dissecteurs
Dissettori

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WÜRZBURG
KL 259/21
21,0 cm/8¹/₄"



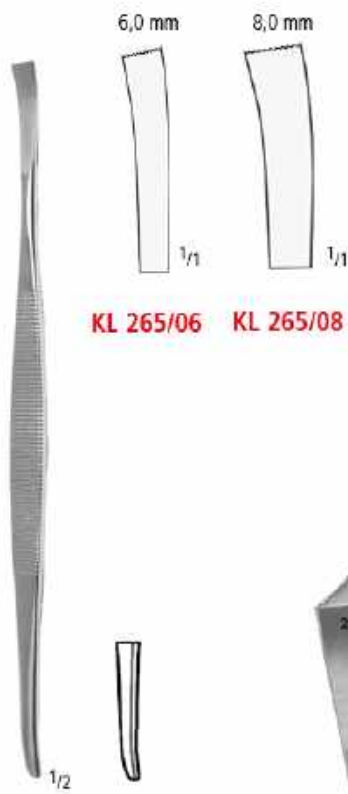
MOLLISON
KL 260/21
21,0 cm/ 8¹/₄"



LUNIATSCHECK
KL 262/19
19,0 cm/7¹/₂"



LOPEZ-REINKE
KL 264/23
23,5 cm/9¹/₃"



KL 265/06 **KL 265/08**

GWYNNE
20,0 cm/8"



MARLIN
KL 266/01



RÖDER
KL 266/26
26,5 cm/10 1/2"



MARSCHIK
KL 267/22
22,0 cm/8 3/4"

TONSILLEN TONSILS AMIGDALAS AMYGDALES TONSILLE

Tonsillenretractoren, Tonsillennadeln
 Tonsil retractors, Tonsil Needles
 Separadores para Amígdalas, Agujas para Amígdalas
 Ecarteurs per Amígdalas, Aiguilles per Amígdalas
 Devaricatori per Tonsille, Aghi per Tonsille



HOFER
KL 268/24
 24,0 cm/9 1/2"



NAGER
KL 269/23
 23,0 cm/9"



DUPUY WEISS
KL 274/01
 22,0 cm/8 3/4"



DUPUY WEISS
KL 274/02
 22,0 cm/8 3/4"

AA
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KL TONSILLEN TONSILS AMIGDALAS AMYGDALES TONSILLE

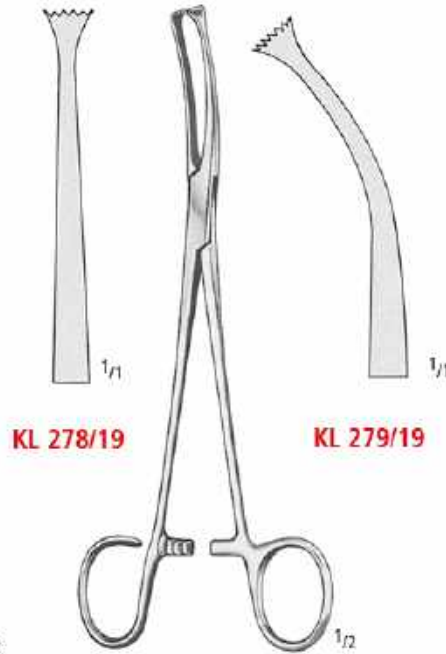
Tonsillenzangen
Tonsil Forceps
Pinzas para las amígdalas
Pinces pour amygdales
Pinze per tonsille



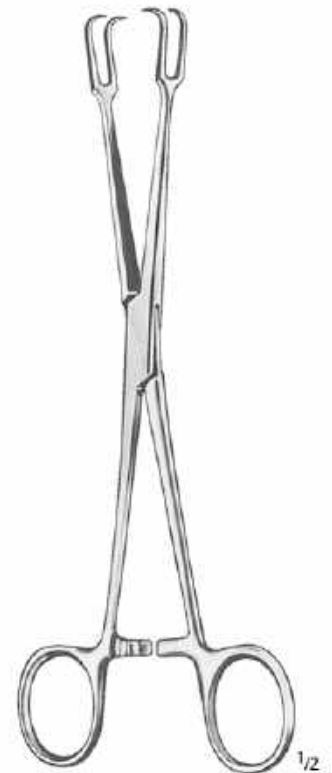
WHITE
KL 276/18 18,0 cm/7"
KL 276/23 23,0 cm/9"



BALLENGER 3:3
KL 277/21 21,5 cm/8 1/2"



KL 278/19 **KL 279/19**
COLVER
19,0 cm/7 1/2"



MUSEUX
KL 280/20 20,0 cm/8"



BLOHMKE
KL 281/20 20,0 cm/8"



TIVNEN
KL 283/21 21,0 cm/8 1/4"



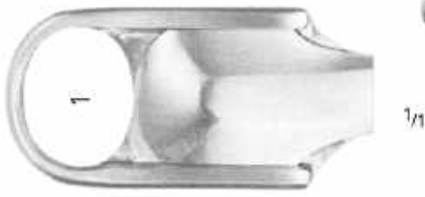
TYDING
KL 284/21 21,0 cm/8 1/4"



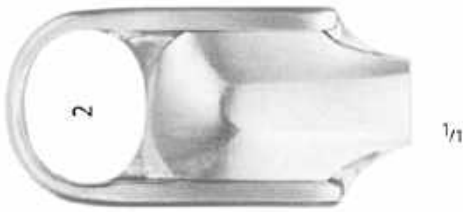
MARSCHIK-KRONE 3:3
KL 285/21 20,5 cm/8 1/8"

TONSILLEN TONSILS AMIGDALAS AMYGDALES TONSILLE

Tonsillotom, Tonsillenkannülen
 Tonsillectome, Tonsil Cannula
 Amigdalótomo, Canula para las amígdalas
 Amygdalotome, Canule pour amygdales
 Tonsillotomo, Cannula per tonsille



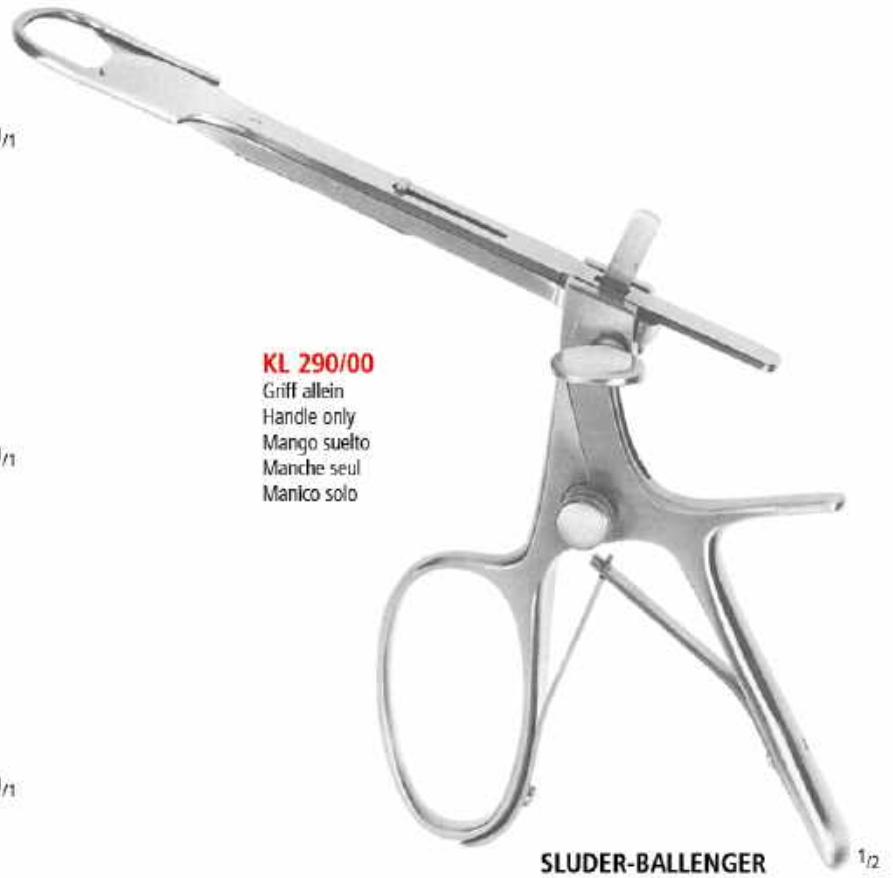
KL 291/01



KL 291/02



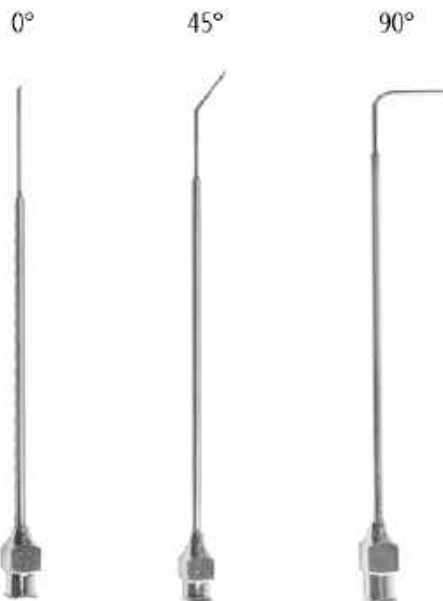
KL 291/03



KL 290/00
 Griff allein
 Handle only
 Mango suelto
 Manche seul
 Manico solo

SLUDER-BALLENGER

KL 290/03
 komplett mit 3 Aufsätzen
 complete with 3 tips
 completo con 3 puntas
 complet avec 3 lames
 completo di 3 lame



KL 296/01
 Ø 0,8mm

KL 296/02
 Ø 0,8mm

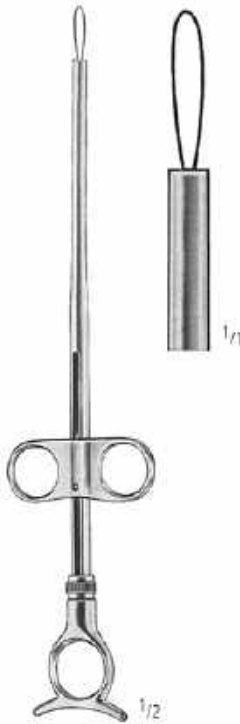
KL 296/03
 Ø 0,8mm

Sauginstrumente, Spritzen siehe Gruppe AO
 More suction instruments, Syringes in chapter AO
 Para otras Tubos de aspiración, Jeringas ver sección AO
 D'autres canules d'aspiration, Seringues groupe AO
 Altre cannule per aspirazione, Siringhe vedi gruppo AO

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KL TONSILLEN TONSILS AMIGDALAS AMYGDALES TONSILLE

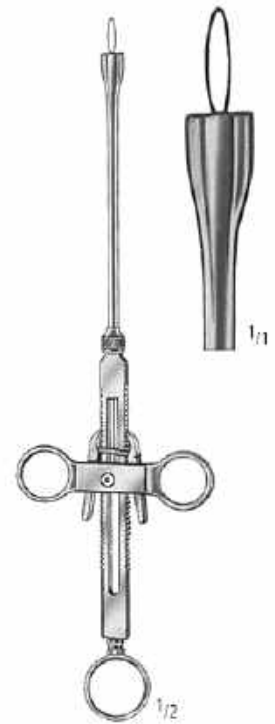
Tonsillenschnürer
 Tonsil Snares
 Cierra-nudos para amígdalas
 Serre-nœuds pour l'ablation des amygdales
 Serranodi per tonsille



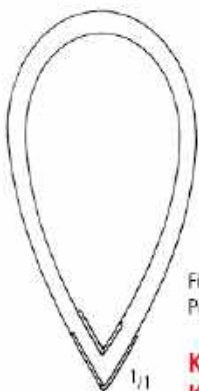
EVES
KL 300/28
 28,0 cm/11"



EVES
KL 302/28
 28,0 cm/11"



BRUENINGS
KL 306/28
 28,0 cm/11"



Für - For - Para -
 Pour - Per

KL 300/28
KL 302/28
KL 314/01

Packung 100 Stück:
 Pack of 100 pcs.
 Paquete de 100 unidades
 en paquets de 100 pièces
 pacco di 100 pezzi

KL 310/40 = 40 mm
KL 310/50 = 50 mm

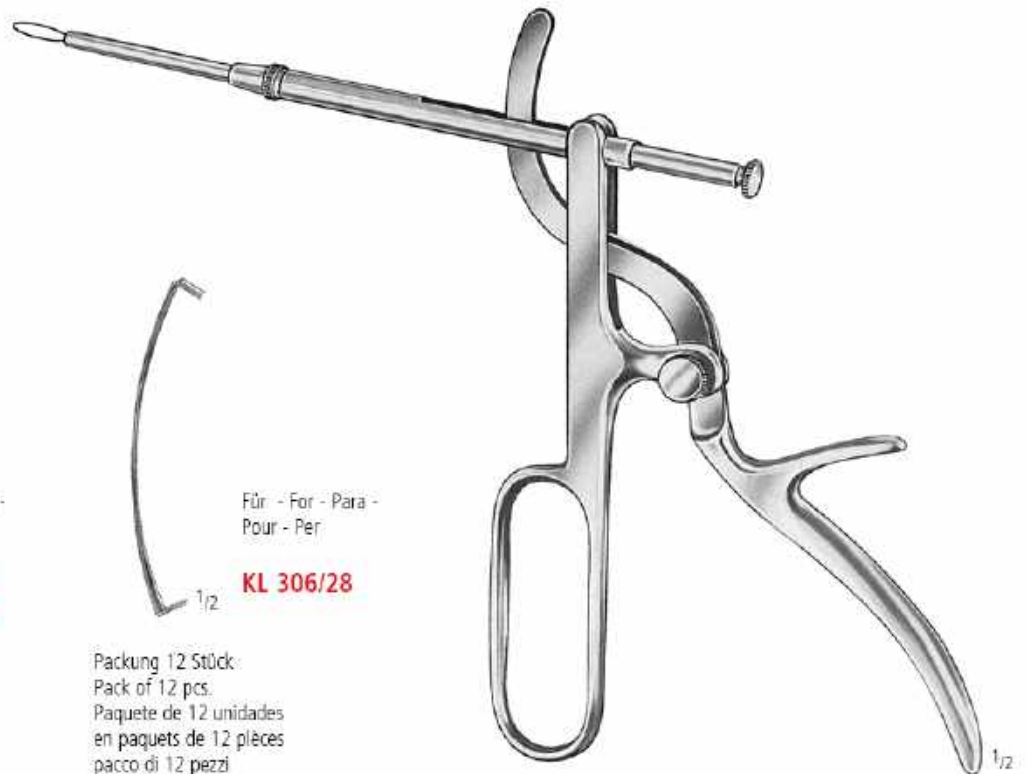


Für - For - Para -
 Pour - Per

KL 306/28

Packung 12 Stück:
 Pack of 12 pcs.
 Paquete de 12 unidades
 en paquets de 12 pièces
 pacco di 12 pezzi

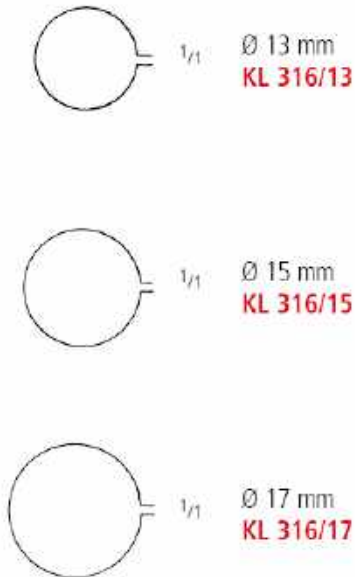
KL 311/03 = 0,3 mm



TYDING
KL 314/01

TONSILLEN TONSILS AMIGDALAS AMYGDALES TONSILLE

Scharfe Tonsillenzangen
Tonsil Punches
Pinzas cortantes para amígdalas
Pincès emporte-pièces pour amygdales
Pinze tagliente per tonsille



HARTMANN



SCHMEDEN

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Universalgriffe und Aufsätze
 Universal handles and tips
 Mangos universales y pinzas intercambiables
 Manches universels et pinces interchangeables
 Manici universali e pinze intercambiabili



HUBER
KL 360/00



BRUENINGS
 20,0 cm/8" **KL 364/20**
 30,0 cm/12" **KL 364/30**
 40,0 cm/16" **KL 364/40**
 50,0 cm/20" **KL 364/50**
 60,0 cm/24" **KL 364/60**



KL 365/20

BRUENINGS
 20,0 cm/8"

KL 366/20

starr
 rigid
 rigida
 rigide
 rigida

biegsam
 malleable
 flexible
 flexible
 flessibile

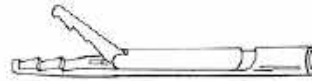
LARYNGOLOGIE LARYNGOLOGY LARINGOLOGIA LARYNGOLOGIE LARINGOLOGIA

Universalgriffe und Aufsätze
 Universal handles and tips
 Mangos universales y pinzas intercambiables
 Manches universels et pinces interchangeables
 Manici universali e pinze intercambiabili



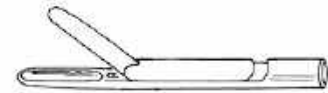
FRAENKEL

KL 400/00



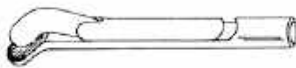
SEIFFERT

KL 402/00



FRAENKEL

KL 403/00



SCHEINMANN

KL 404/00



SCHEINMANN



KL 405/00



BRUENINGS



KL 406/02



KL 406/03



KL 406/04



BRUENINGS



KL 407/00



KL 407/01



LANGE

KL 408/00



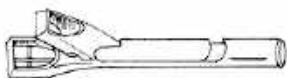
KRAUSE



KL 409/00



KL 409/01



KRAUSE



KL 410/00



CORDES

KL 411/01



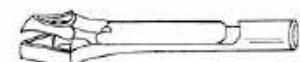
KL 411/02



KL 411/03



KL 411/04



SCHUMACHER



KL 412/00



CORDES

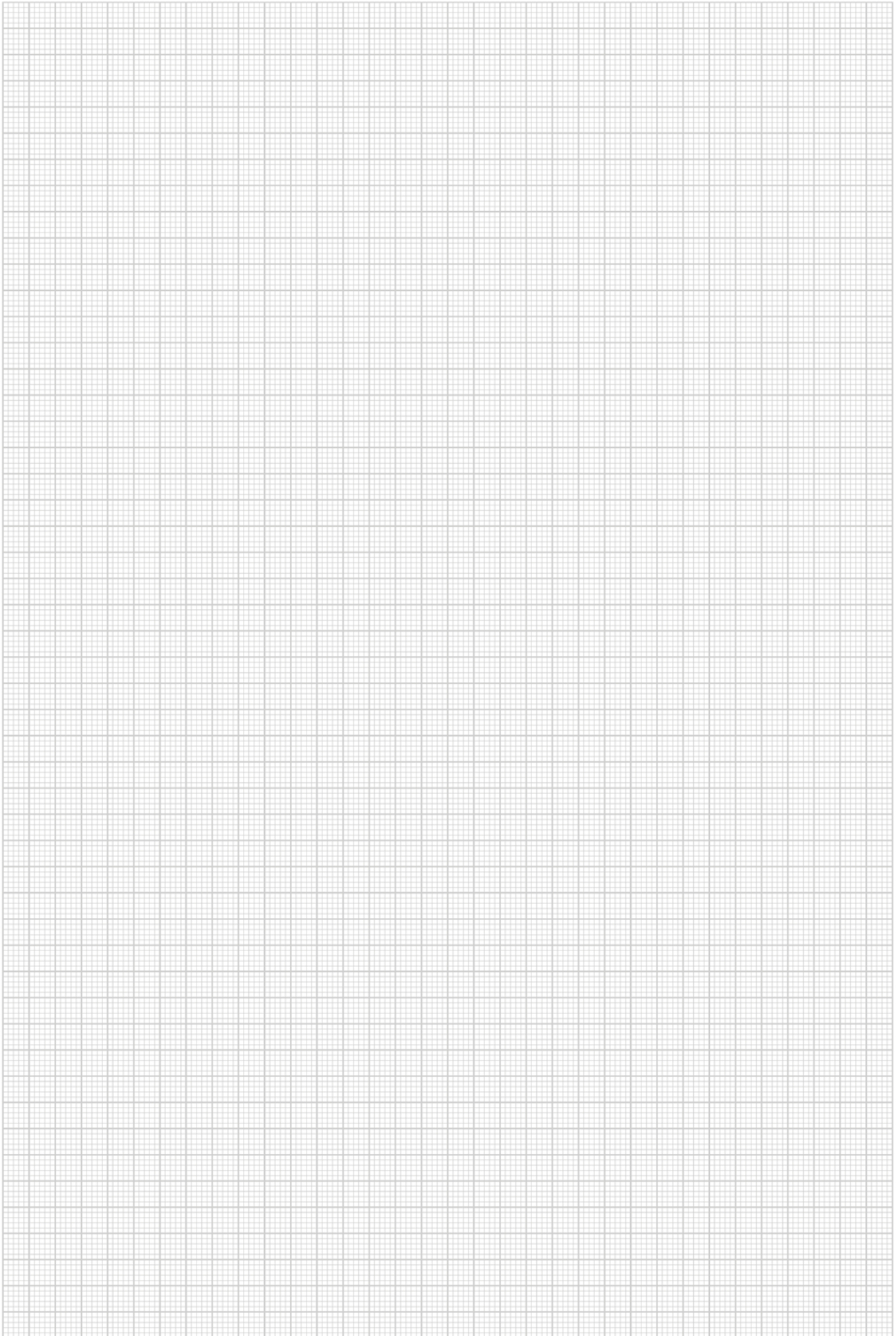


KL 413/01

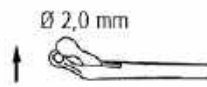
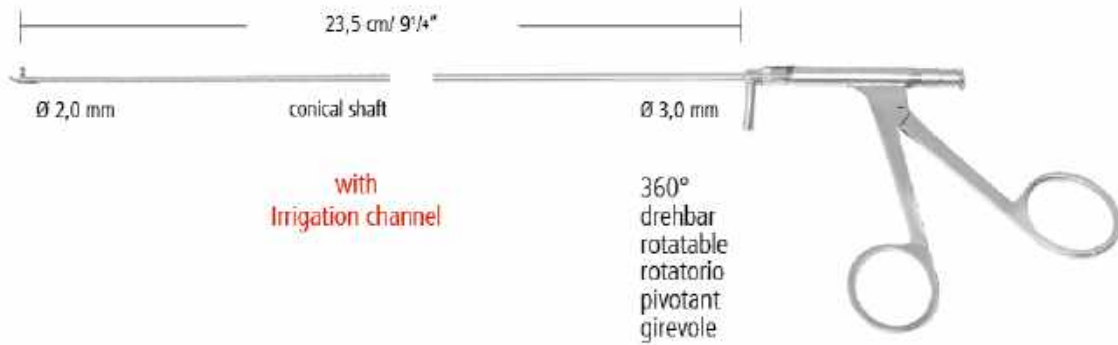


KL 413/02

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Endolaryngeale Mikrochirurgie
 Endolaryngeal Micro-Surgery
 Microcirugia Endolaríngea
 Endolaryngeal micro-chirurgie
 Microchirurgia Endolaríngea



KL 435/10

aufgebogen - curved up - curvo hacia arriba - courbe vers le haut - curva in alto



KL 435/30

aufgebogen - curved up - curvo hacia arriba - courbe vers le haut - curva in alto



KL 435/50

Herzform aufgebogen - heart shape curved up - cordiforme curvo hacia arriba - forme de coeur courbe vers le haut - cuoriforme curva in alto

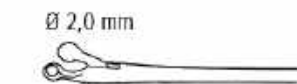
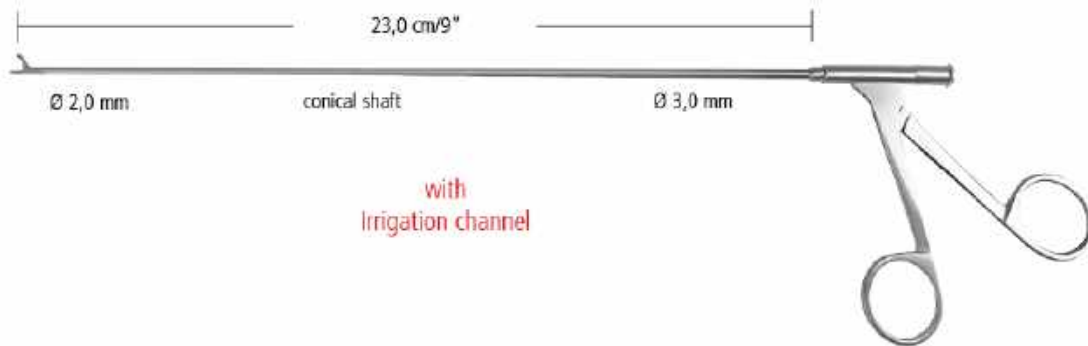


KL 435/70

aufgebogen - curved up - curvo hacia arriba - courbe vers le haut - curva in alto

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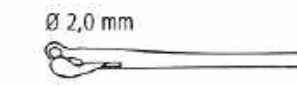
Endolaryngeale Mikrochirurgie
 Endolaryngeal Micro-Surgery
 Microcirugía Endolaríngea
 Endolaryngeal micro-chirurgie
 Microchirurgia Endolaríngea



KL 438/00
 gerade - straight - rectas - droits - rette



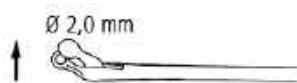
KL 438/01
 aufgebogen - curved up - curvo arriba - courbe vers le haut - curva in alto



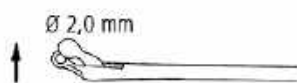
KL 438/02
 rechts - right - a la derecha - à droite - a destra



KL 438/03
 links - left - a la izquierda - à gauche - a sinistra



KL 438/04
 aufgebogen 45° rechts - curved up 45° right - arriba 45° a derecha -
 courbe vers le haut 45° à droite - alto 45° a destra



KL 438/05
 Ø 2,0 mm - aufgebogen 45° links - curved up 45° left - arriba 45° a izquierda -
 courbe vers le haut 45° à gauche - alto 45° a sinistra



KL 438/06
 oval 2,5 x 5,0 mm - mit Fenster aufgebogen - with window curved up -
 con ventana curvado hacia arriba - avec fenetre courbe vers le haut - con finestra curva in alto



KL 438/40
 gerade - straight - rectas - droits - rette



KL 438/41
 aufgebogen - curved up - curvo arriba - courbe vers le haut - curva in alto

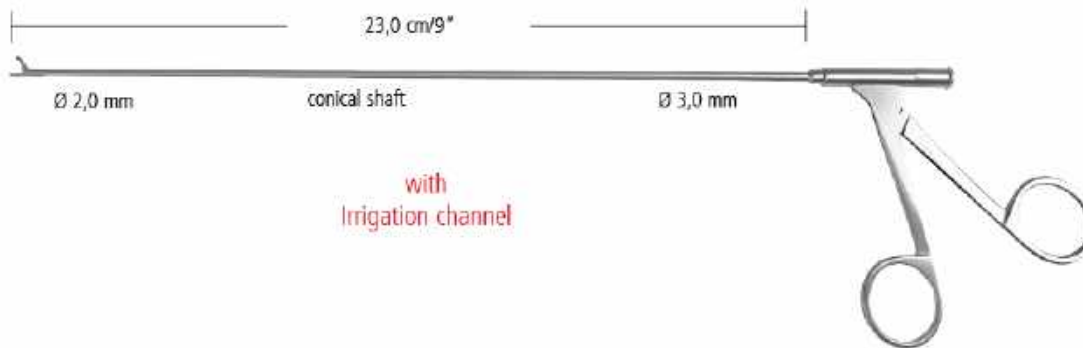


KL 438/42
 rechts - right - a la derecha - à droite - a destra



KL 438/43
 links - left - a la izquierda - à gauche - a sinistra

Endolaryngeale Mikrochirurgie
 Endolaryngeal Micro-Surgery
 Microcirugia Endolaríngea
 Endolaryngeal micro-chirurgie
 Microchirurgia Endolaríngea



KL 438/44

Herzform gerade - heart shape straight - cordiforme droits - forme de coeur droit - cuoriforme retta



KL 438/45

Herzform aufgebogen - heart shape curved up - cordiforme curvo arriba - forme de coeur courbe vers le haut - cuoriforme curva in alto



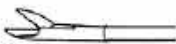
KL 438/46

Herzform rechts - heart shape right - cordiforme a la derecha - forme de coeur à droite - cuoriforme a destra



KL 438/47

Herzform links - heart shape left - cordiforme a la izquierda - forme de coeur à gauche - cuoriforme a sinistra



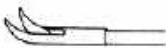
KL 438/80

gerade - straight - rectas - droits - rette



KL 438/81

aufgebogen - curved up - curvo arriba - courbe vers le haut - curva in alto



KL 438/82

rechts - right - a la derecha - à droite - a destra

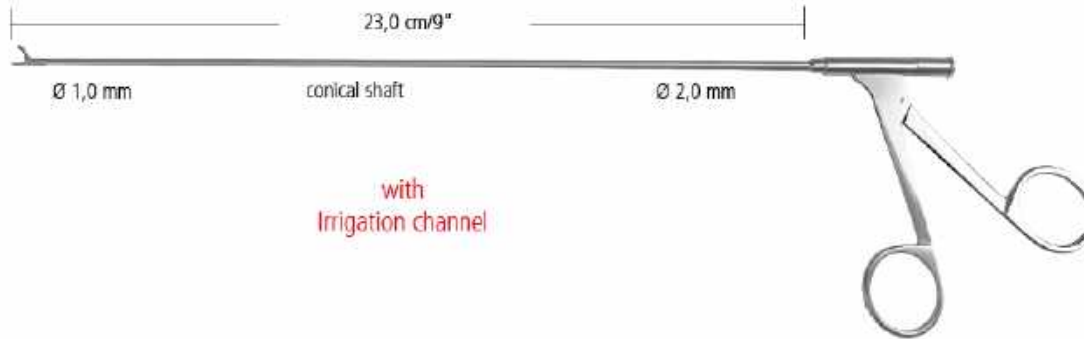


KL 438/83

links - left - a la izquierda - à gauche - a sinistra

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Endolaryngeale Mikrochirurgie
 Endolaryngeal Micro-Surgery
 Microcirugía Endolaríngea
 Endolaryngeal micro-chirurgie
 Microchirurgia Endolaríngea



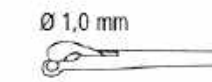
KL 439/00
 gerade - straight - rectas - droits - rette



KL 439/01
 aufgebogen - curved up - curvo arriba - courbe vers le haut - curva in alto



KL 439/02
 rechts - right - a la derecha - à droite - a destra



KL 439/03
 links - left - a la izquierda - à gauche - a sinistra



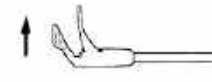
KL 439/40
 gerade - straight - rectas - droits - rette



KL 439/42
 rechts - right - a la derecha - à droite - a destra



KL 439/43
 links - left - a la izquierda - à gauche - a sinistra

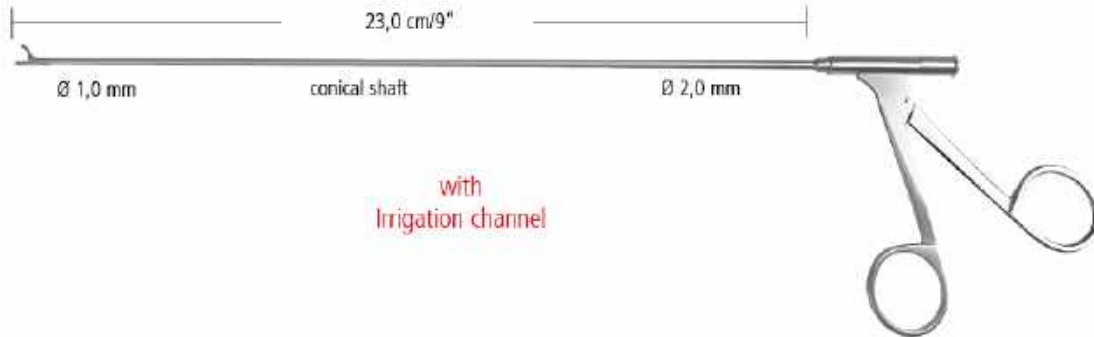


KL 439/48
 Herzform aufgebogen 45° rechts - heart shape curved up 45° right - cordiforme curvo arriba 45° a derecha -
 forme de coeur courbe vers le haut 45° à droite - cuoriforme curvo in alto 45° a destra



KL 439/49
 Herzform aufgebogen 45° links - heart shape curved up 45° left - cordiforme curvo arriba 45° a la izquierda -
 forme de coeur courbe vers le haut 45° à gauche - cuoriforme curvo in alto 45° a sinistra

Endolaryngeale Mikrochirurgie
 Endolaryngeal Micro-Surgery
 Microcirugía Endolaríngea
 Endolaryngeal micro-chirurgie
 Microchirurgia Endolaríngea



KL 439/80
 gerade - straight - rectas - droits - rette



KL 439/81
 aufgebogen - curved up - curvo arriba - courbe vers le haut - curva in alto



KL 439/82
 rechts - right - a la derecha - à droite - a destra

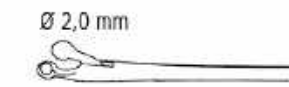


KL 439/83
 links - left - a la izquierda - à gauche - a sinistra

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KL

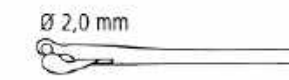
Endolaryngeale Mikrochirurgie
 Endolaryngeal Micro-Surgery
 Microcirugía Endolaríngea
 Endolaryngeal micro-chirurgie
 Microchirurgia Endolaríngea



KL 440/00
 gerade - straight - rectas - droits - rette



KL 440/01
 aufgebogen - curved up - curvo arriba - courbe vers le haut - curva in alto



KL 440/02
 rechts - right - a la derecha - à droite - a destra



KL 440/03
 links - left - a la izquierda - à gauche - a sinistra



KL 441/00
 gerade - straight - rectas - droits - rette



KL 441/01
 rechts - right - a la derecha - à droite - a destra



KL 441/02
 links - left - a la izquierda - à gauche - a sinistra



KL 443/00
 gerade - straight - rectas - droits - rette



KL 443/01
 aufgebogen - curved up - curvo arriba - courbe vers le haut - curva in alto



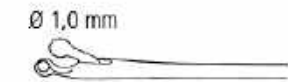
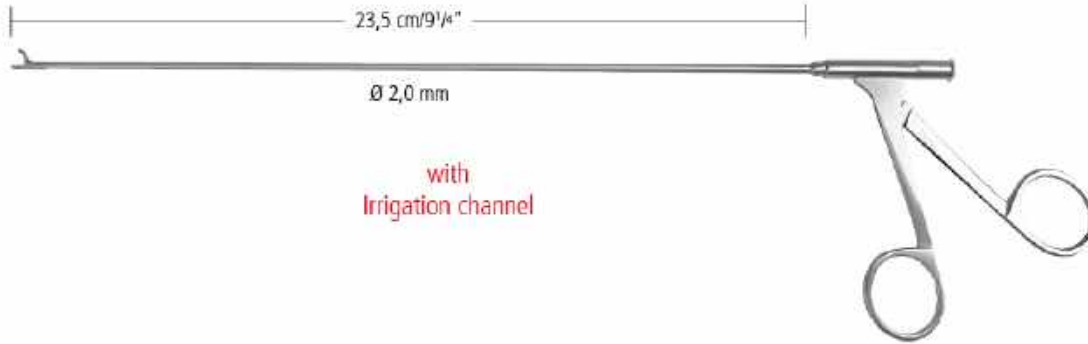
KL 443/02
 rechts - right - a la derecha - à droite - a destra



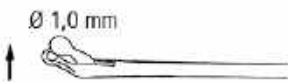
KL 443/04
 links - left - a la izquierda - à gauche - a sinistra

Endolaryngeale Mikrochirurgie
 Endolaryngeal Micro-Surgery
 Microcirugia Endolaríngea
 Endolaryngeal micro-chirurgie
 Microchirurgia Endolaríngea

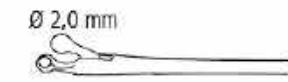
Kinder
 Children
 Niños
 Enfants
 Bambini



KL 444/00
 gerade - straight - rectas - droits - rette



KL 444/01
 aufgebogen - curved up - curvo arriba - courbe vers le haut - curva in alto



KL 444/20
 gerade - straight - rectas - droits - rette



KL 444/21
 aufgebogen - curved up - curvo arriba - courbe vers le haut - curva in alto



KL 444/80
 gerade - straight - rectas - droits - rette



KL 445/00
 gerade - straight - rectas - droits - rette



KL 445/01
 aufgebogen - curved up - curvo arriba - courbe vers le haut - curva in alto



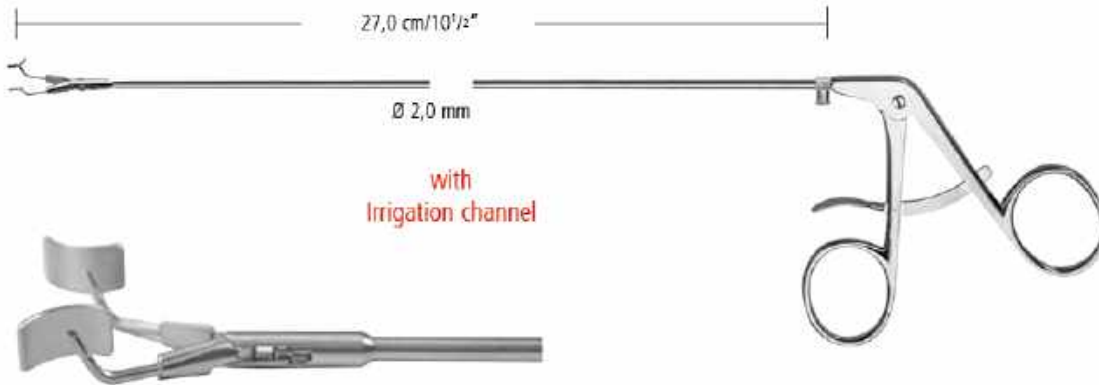
KL 445/02
 rechts - right - a la derecha - à droite - a destra



KL 445/03
 links - left - a la izquierda - à gauche - a sinistra

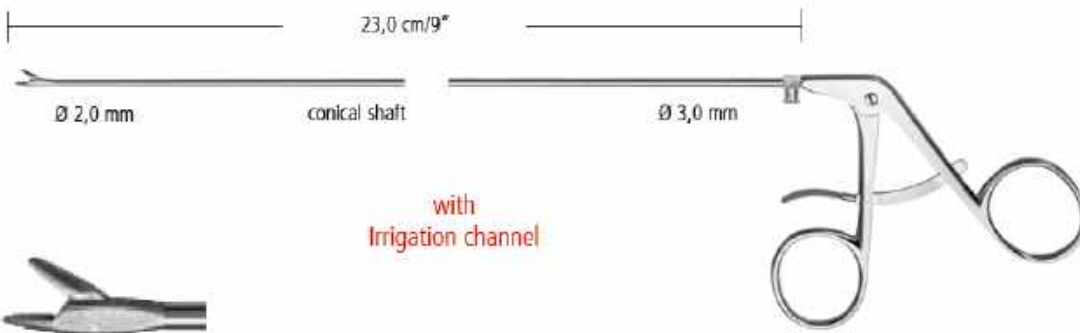
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Endolaryngeale Mikrochirurgie
 Endolaryngeal Micro-Surgery
 Microcirugia Endolaríngea
 Endolaryngeal micro-chirurgie
 Microchirurgia Endolaríngea



Stimmbandsprelzer
 Vocal cord spreader
 Devaricatore per corde vocali
 Ecarteur à cordes vocales
 Separador cuerdas vocals

KL 450/00

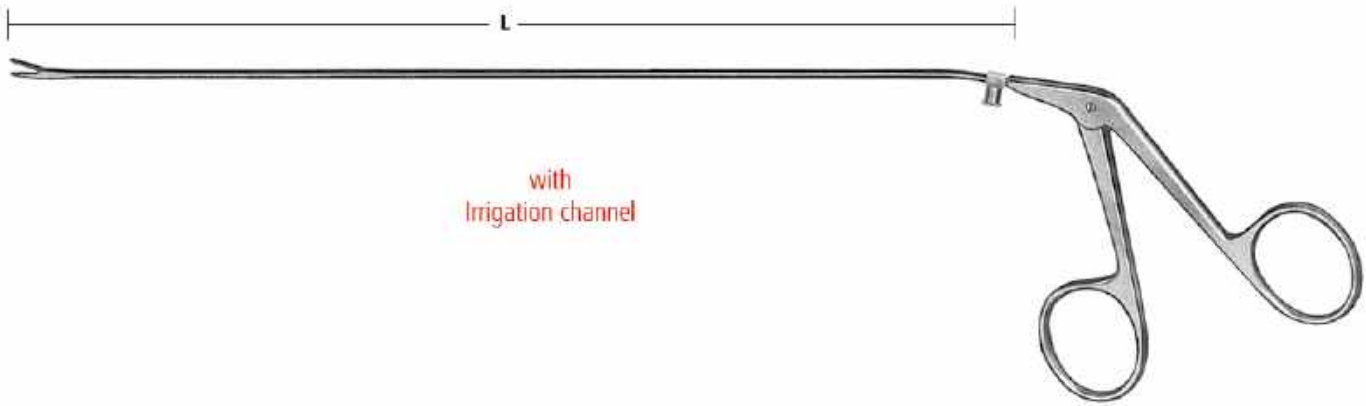


Nadelhalter
 Needle holder
 Portaghi
 Porte aiguille
 Porta-aguja

KL 453/00

LARYNGOLOGIE LARYNGOLOGY LARINGOLOGIA LARYNGOLOGIE LARINGOLOGIA

Zangen zur Laryngo-Bronchoskopie
 Forceps for Laryngo-Bronchoscopy
 Pinzas para Laringo-Broncoscopia
 Pinces pour Laryngo-Bronchoscopie
 Pinze per Laringo-Broncoscopia



Ø 1,5 mm



L
 30,0 cm/12"
 35,0 cm/14"

KL 460/30
KL 460/35

KL 461/30
KL 461/35

KL 462/30
KL 462/35

KL 463/30
KL 463/35

Ø 2,5 mm



L
 40,0 cm/16"
 45,0 cm/18"
 50,0 cm/20"
 55,0 cm/22"
 60,0 cm/24"

KL 460/40
KL 460/45
KL 460/50
KL 460/55
KL 460/60

KL 461/40
KL 461/45
KL 461/50
KL 461/55
KL 461/60

KL 462/40
KL 462/45
KL 462/50
KL 462/55
KL 462/60

KL 463/40
KL 463/45
KL 463/50
KL 463/55
KL 463/60

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KL MUND MOUTH BOCA BOUCHE BOCCA

Mundspiegelgriffe
 Mouth mirror handles
 Mangos para espejos de boca
 Manches pour miroirs à bouche
 Manici per specchietti



1/1

SECCO

KL 506/01
 14,0 cm/5 1/2"



1/1

KL 507/12
 12,0 cm/4 3/4"



1/1

KL 508/12
 12,0 cm/4 3/4"
 Ø 6,0 mm



1/1

KL 509/14
 14,0 cm/5 1/2"
 Ø 8,0 mm



1/1

KL 509/24
 14,0 cm/5 1/2"
 Ø 11,0 mm



1/1

KL 510/12
 12,0 cm/4 3/4"

MUND MOUTH BOCA BOUCHE BOCCA

Mundspiegelansätze
 Mouth mirrors
 Espejos de boca
 Mirrors à bouche
 Specchietti



Verpackungseinheit / packing unit 12 St./pc.

Größe
 Size
 Tamaño
 Taille
 Dimens.
 plan, metr. Gewinde
 plane, metr. thread
 plano, rosca métrica
 plan, filetage métrique
 piano, filettatura metrica

metr. Gewinde, hohl
 metr. thread, concave
 rosca métrica, cóncavo
 filetage métrique, concave
 filettatura metrica, cavo

Ø mm

22 4
 24 5

KL 511/04
KL 511/05

KL 512/04
KL 512/05

HILGER
KL 513/02

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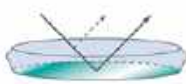
KL MUND MOUTH BOCA BOUCHE BOCCA

HD Ultra FS Mundspiegelansätze
 HD Ultra FS Mouth mirrors
 HD Ultra FS Espejos de boca
 HD Ultra FS Mirrors à bouche
 HD Ultra FS Specchietti



HD ULTRA FS Mouth Mirrors		Size		QTY	REF	
1	HD ULTRA FS	4	Ø 22mm	plane	box of 6	KL 515/04
	HD ULTRA FS	5	Ø 24mm	plane	box of 6	KL 515/05
2	HD ULTRAretract FS	4	Ø 22mm	plane	box of 6	KL 517/04
	HD ULTRAretract FS	5	Ø 24mm	plane	box of 6	KL 517/05
3	HD ULTRAretract FS, bifurcated stem	4	Ø 22mm	plane	box of 6	KL 518/04
	HD ULTRAretract FS, bifurcated stem	5	Ø 24mm	plane	box of 6	KL 518/05
4	HD ULTRA FS, bifurcated stem stem double 45°	4	Ø 22 mm	plane	each	KL 518/34
5	HD ULTRAduo, double side in front and behind	4	Ø 22 mm	plane	box of 6	KL 518/44
	HD ULTRAduo, double side in front and behind	5	Ø 24 mm	plane	box of 6	KL 518/45
6	HD ULTRAmicro		Ø 3 mm		each	KL 518/53
	HD ULTRAmicro	mini mirror	Ø 5 mm		each	KL 518/55
	HD ULTRAmicro	mini mirror	3 x 6 mm		each	KL 518/56

only one reflection = exact sharp image



Front Surface Coating



The splitted mirror shows the crystal clear bright reflection of the HD ULTRA FS compared to Rhodium.

Kehlkopfspiegel
Laryngeal Mirrors
Espejos laríngeos
Miroirs laryngiens
Specchi laringei



Fig. 00



Fig. 0



Fig. 1

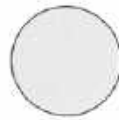


Fig. 2

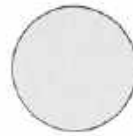


Fig. 3

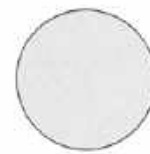


Fig. 4

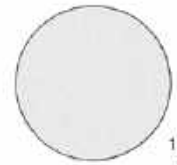


Fig. 5

1/n

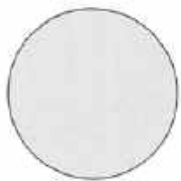


Fig. 6

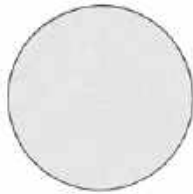


Fig. 7

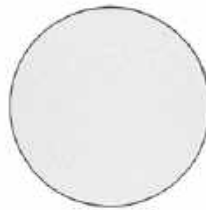


Fig. 8

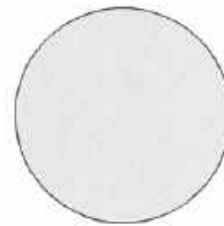


Fig. 9

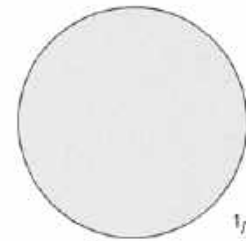


Fig. 10

1/n



1/2

KL 500/10



1/2

- KL 520/08
- KL 520/10
- KL 520/12
- KL 520/14
- KL 520/16
- KL 520/18
- KL 520/20
- KL 520/22
- KL 520/24
- KL 520/26
- KL 520/28
- KL 520/30

- Fig. 00
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- 9
- 10

- mm Ø 8
- 10
- 12
- 14
- 16
- 18
- 20
- 22
- 24
- 26
- 28
- 30



1/2

- KL 522/08
- KL 522/10
- KL 522/12
- KL 522/14
- KL 522/16
- KL 522/18
- KL 522/20
- KL 522/22
- KL 522/24
- KL 522/26
- KL 522/28
- KL 522/30



1/2

MICHEL

- KL 524/12
- KL 524/14
- KL 524/16
- KL 524/18

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Postrinoskopie-Spiegel, Kehlkopfzangen
 Mirror Post-Rhinoscopic, Laryngeal Forceps
 Espejo postrinosópico, Pinzas para laringeos
 Miroir postrinoscopique, Pinces à laryngiens
 Specchio postrinoscopico, Pinze per laringei



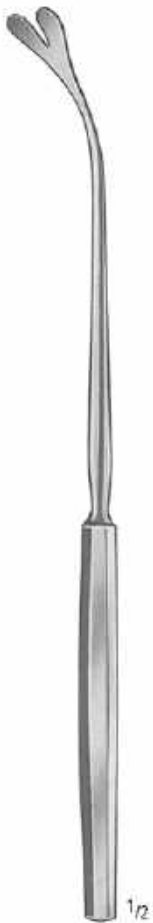
1/2



KL 550/00
 Spiegel/Endoskopwärmer
 Mirror/Endoscop Heater

ST. CLAIRE THOMSON

- 18,0 cm/7"
- 8,0 mm **KL 526/08**
- 10,0 mm **KL 526/10**
- 12,0 mm **KL 526/12**
- 14,0 mm **KL 526/14**
- 16,0 mm **KL 526/16**



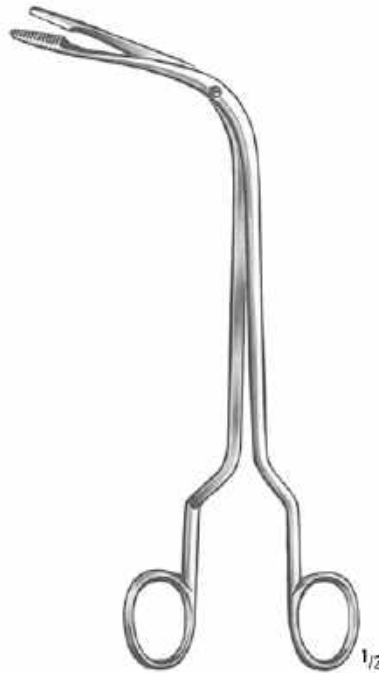
1/2

REICHERT
KL 590/24
 24,0 cm/9 1/2"



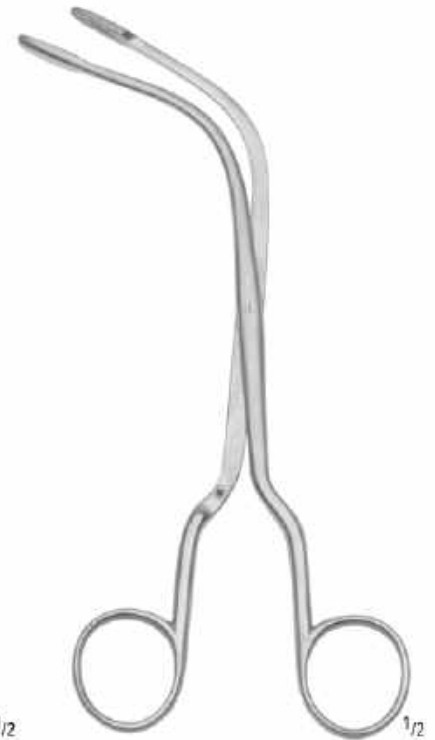
1/2

KILLIAN
KL 594/20
 20,0 cm/8"



1/2

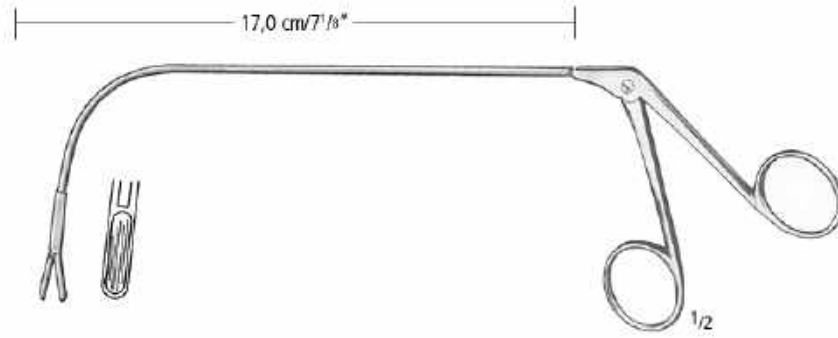
FRAENKEL
KL 601/18
 18,0 cm/7"



1/2

FRAENKEL
KL 603/19
 19,0 cm/7 1/2"

Kehlkopfpolypenzangen
Laryngeal Polypus Forceps
Pinzas para pólipos laríngeos
Pincas à polypes laryngiens
Pinze per polipi laringei



Without irrigation channel

KL 613/00

FRAENKEL
26,5 cm/10 1/2"

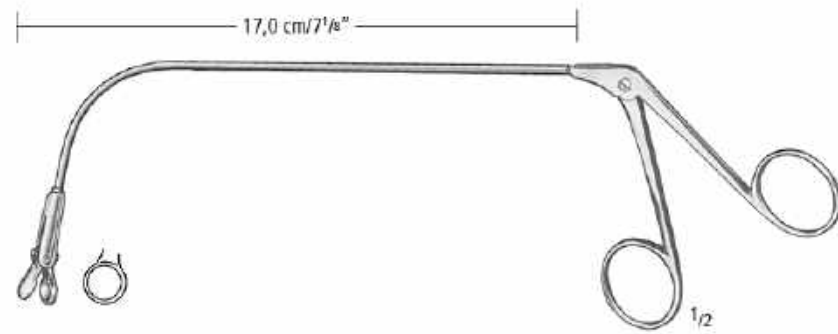
With irrigation channel
on request

KL 613/10

KL 613/11

vertikal
vertical
vertical
vertical
verticale

horizontal
horizontal
horizontal
horizontal
orizzontale



Without irrigation channel

KL 614/00

KL 614/01

KL 614/02

KL 614/03

LANGE
26,5 cm/10 1/2"

With irrigation channel
on request

KL 614/11

KL 614/12

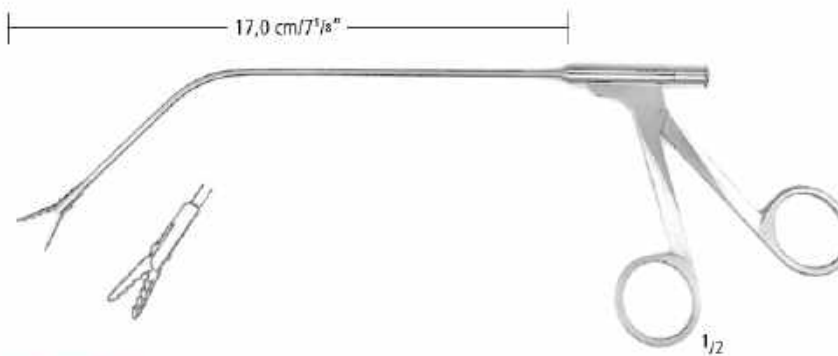
KL 614/13

gerade
straight
rectas
droits
rette

aufgebogen
curved up
curvo arriba
courbe vers le haut
curva in alto

rechts
right
a la derecha
à droite
a destra

links
left
a la izquierda
à gauche
a sinistra



Without irrigation channel

KL 615/00

ALLIGATOR

With irrigation channel
on request

KL 615/10

KL 615/11

vertikal
vertical
vertical
vertical
verticale

horizontal
horizontal
horizontal
horizontal
orizzontale

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KL SPEICHEL GANG DUCTUS SALIVATORY DUCTUS SALIVARIUS

Speichelgangsonden
 Ductus salivatory Probes
 Sondes exploratrices pour le ductus salivarius
 Sondas exploradoras para ductus salivarius
 Sonde esploratrici per ductus salivarius

geknotigt
pointed
con botón
boutonné
bottenuto

aus Silber
Sterling silver
de plata pura
en argent pur
in argento puro

zylindrisch
cylindrical
cilindrica
cylindrique
cilindrico

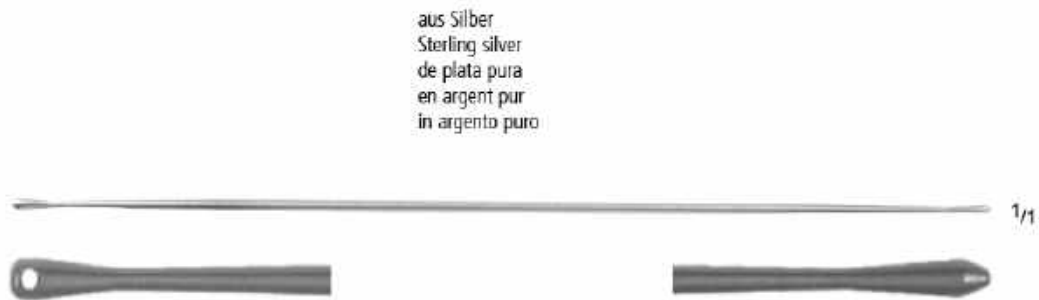
Fig.	mm Ø
0000/00	0,4 / 0,6
00/0	0,7 / 0,8
0/1	0,8 / 0,9
1/2	0,9 / 1,1
2/3	1,1 / 1,3
3/4	1,3 / 1,4
4/5	1,4 / 1,5
5/6	1,5 / 1,6
6/7	1,6 / 1,8
7/8	1,8 / 1,9

KP 114/00
KP 115/00
KP 115/01
KP 115/12
KP 115/23
KP 115/34
KP 115/45
KP 115/56
KP 115/67
KP 115/78

KP 116/00
KP 117/00
KP 117/01
KP 117/12
KP 117/23
KP 117/34
KP 117/45
KP 117/56
KP 117/67
KP 117/78

BOWMAN
12,5 cm/5"

BOWMAN
12,5 cm/5"



PROBE FOR SALIVARY GLAND

KL 720/13

13,0 cm/5"

Ø 1,4 mm

0,7 mm Loch - hole - agujero - trou - buco

SPEICHEL GANG DUCTUS SALIVARY DUCTUS SALIVARIUS

Speichelgangdilatoren
 Ductus salivary Dilators
 Dilateurs para ductus salivarius
 Dilatadoras pour le ductus salivarius
 Dilatori per ductus salivarius



WILDER
 10,0 cm/4"



KP 120/01
 Fig. 1



KP 120/02
 Fig. 2



KP 120/03
 Fig. 3



MULDOON
KP 121/11
 10,5 cm/4 1/4"



PERWITZSCHKY
AC 403/11
 11,0 cm/4 1/2"

Weitere Scheren siehe Gruppe AC
 Further scissors see section AC
 Otras tijeras cortantes ver seccion AC
 D'autres ciseaux voir groupe AC
 Altre forbici vedi gruppo AC

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nopa[®] instruments

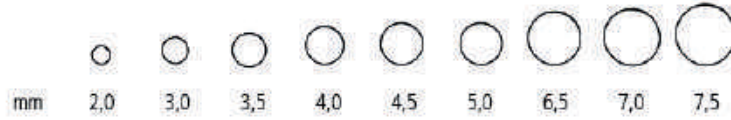
Otologie
Otology
Otología
Otologie
Otologia

Seite 277-308
Page 277-308
Página 277-308
Page 277-308
Pagina 277-308



Ohrspekula
Ear Specula
Espéculos auriculares
Spéculum auriculaires
Specoli auricolari

∅ = Innendurchmesser
inside diameter
diámetro interior
diamètre intérieur
diámetro interno



KM 020/03
Set 1 - 3



für Kinder
for children
para niños
pour enfants
per bambini
KM 030/03
Set 0 - 2



für Erwachsene
for adults
para adultos
pour adultes
per adulti
KM 040/03
Set 2 - 4
KM 040/04
Set 1 - 4

	POLITZER	HARTMANN	HARTMANN
mm			
2,0	KM 021/01		KM 031/00
3,0	KM 021/02		
3,5		KM 031/01	KM 031/01
4,0	KM 021/03		
5,0	KM 021/04	KM 031/02	KM 031/02
6,5			KM 031/03
7,5			KM 031/04



schwarz
black
negro
noir
nero
KM 042/04
Set 0 - 3



KM 044/03
Set 2 - 4
KM 044/04
Set 1 - 4



KM 050/04
Set 1 - 4

	HARTMANN	TOYNBEE	GRUBER
mm			
3,0	KM 041/00		KM 045/01
4,0	KM 041/01		KM 045/02
4,5			KM 051/01
5,0	KM 041/02	KM 045/03	
5,5			KM 051/02
6,5		KM 045/04	KM 051/03
7,0	KM 041/03		KM 051/04

OHR OTOLGY OTOLOGIA OTOLOGIE OTOLOGIA

Ohrspekula
Ear Specula
Espéculos auriculares
Spéculums auriculaires
Specoli auricolari
























BOUCHERON
KM 056/00
Set 1 - 4

-  **KM 056/01**
3,5 mm
-  **KM 056/02**
4,5 mm
-  **KM 056/03**
5,5 mm
-  **KM 056/04**
6,5 mm



FARRIOR

	3,3 mm	KM 060/33		3,0 x 4,0 mm	KM 062/30		KM 063/30		KM 064/30
	4,3 mm	KM 060/43		4,0 x 5,0 mm	KM 062/40		KM 063/40		KM 064/40
	4,8 mm	KM 060/48		4,5 x 5,5 mm	KM 062/45		KM 063/45		KM 064/45
	5,3 mm	KM 060/53		5,0 x 6,0 mm	KM 062/50		KM 063/50		KM 064/50
	5,8 mm	KM 060/58		5,5 x 6,5 mm	KM 062/55		KM 063/55		KM 064/55
	6,3 mm	KM 060/63		6,0 x 7,0 mm	KM 062/60		KM 063/60		KM 064/60
	6,7 mm	KM 060/67		6,5 x 7,5 mm	KM 062/65		KM 063/65		KM 064/65
	7,2 mm	KM 060/72		7,0 x 8,0 mm	KM 062/70		KM 063/70		KM 064/70
	7,7 mm	KM 060/77		7,5 x 8,5 mm	KM 062/75		KM 063/75		KM 064/75

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Ohrspekula
 Ear Specula
 Espéculos auriculares
 Spéculums auriculaires
 Specoli auricolari



BRUENINGS

KM 080/00

komplett mit 4 Spekula Fig. 0 - 3
 complete with 4 specula fig. 0 - 3
 completo con 4 espéculos fig. 0 - 3
 complet avec 4 spéculums fig. 0 - 3
 completo con 4 specoli fig. 0 - 3

	Fig. 00	KM 081/01 2,0/4,0 mm	
	0	KM 081/02 3,0/4,8 mm	
	1	KM 082/01 4,0/6,0 mm	
	2	KM 082/02 5,0/7,0 mm	KM 084/01 Saugkammer, allein Suction Head, only Cámara de aspiración, suelto Chambre aspiratrice, seule Camera aspirante, sola
	3	KM 082/03 6,5/8,5 mm	
	4	KM 082/04 8,5/10,5 mm	KM 085/00 Gebläse, allein Rubbertube and bulb, only Insuflador de goma, suelto Soufflerie, seule Soffiera, sola
	5	KM 082/05 10,5/12,5 mm	

für 12 Spekula
 for 12 specula
 para 12 espéculos
 pour 12 spéculums
 per 12 specoli



KM 090/12

Ohrspekula
 Ear Specula
 Espéculos auriculares
 Spéculums auriculaires
 Specoli auricolari



SIEGLE

KM 092/00

komplett
 complete
 completo
 complet
 completo

5,0/6,0 mm



KM 092/01

6,0/7,0 mm



KM 092/02

7,0/8,0 mm



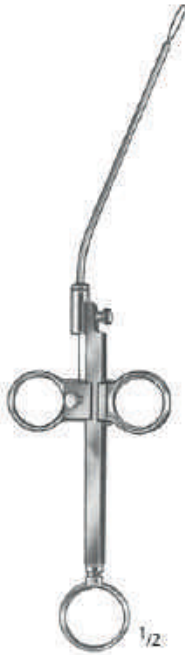
KM 092/03

KM 092/90

Gebläse, allein
 Rubbertube and bulb, only
 Insuflador de goma, suelto
 Soufflerie, seule
 Soffiera, sola

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Polypenschnürer
 Polypus Snares
 Polipótomos
 Serre-nœuds
 Serranodi



KRAUSE
KM 100/00
 16,0 cm/6 1/4"



KRAUSE-VOSS
KM 110/00
 16,0 cm/6 1/4"



LANGE-WILDE
KM 115/00
 16,0 cm/6 1/4"



Packung 12 Stück
 Pack. of 12 pcs.
 Paquete de 12 unidades
 en paquets de 12 pièces
 pacco di 12 pezzi

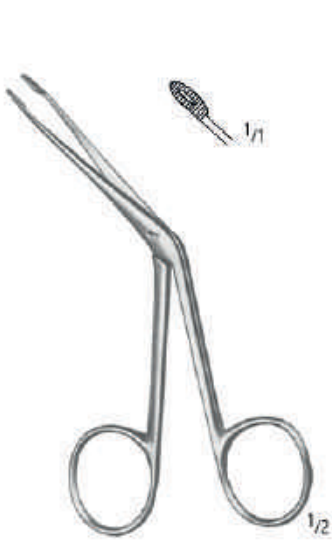
KM 130/02 = 0,2 mm
KM 130/03 = 0,3 mm

Packung 100 Stück
 Pack. of 100 pcs.
 Paquete de 100 unidades
 en paquets de 100 pièces
 pacco di 100 pezzi

KM 132/02 = 0,2 mm
KM 132/03 = 0,3 mm

OHR OTOLGY OTOLOGIA OTOLOGIE OTOLOGIA

Ohrzängchen
 Ear Forceps
 Pinzas auriculares
 Pincas auriculaires
 Pinze auricolari



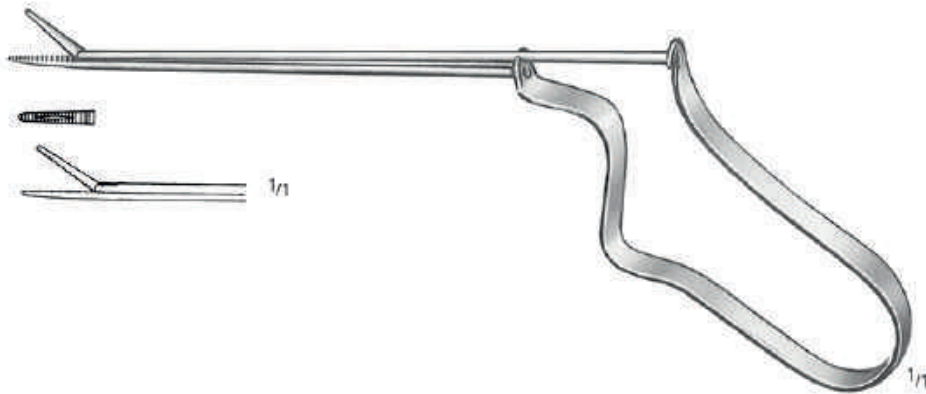
HARTMANN
KM 200/00
 12,0 cm/4³/₄"



HARTMANN
KM 200/01
 14,0 cm/5¹/₂"



TILLEY
KM 201/00
 14,0 cm/5¹/₂"



BUCK
KM 205/00



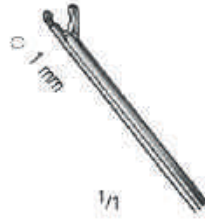
QUIRE
KM 207/00

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Ohrzängchen
Ear Forceps
Pinzas auriculares
Pincès auriculaires
Pinze auricolari



HARTMANN-WULLSTEIN
KM 220/08



HARTMANN-WULLSTEIN
KM 222/08



HARTMANN
KM 226/08 8,5 cm/3 1/3"
KM 226/14 14,0 cm/5 1/2"



HARTMANN
KM 228/08
KM 228/14



HARTMANN-NOYES
KM 230/08



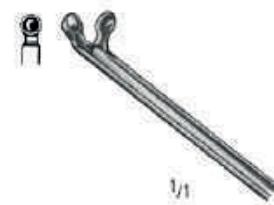
DUCKBILL
KM 233/08



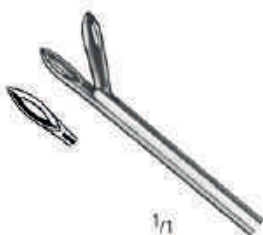
WEINGÄRTNER
KM 234/08



HARTMANN
KM 238/20 = 2,0 mm
KM 238/25 = 2,5 mm
KM 238/30 = 3,0 mm



HARTMANN
KM 240/20 = 2,0 mm
KM 240/25 = 2,5 mm
KM 240/30 = 3,0 mm



STRÜMPEL
KM 242/08



HARTMANN
KM 244/08



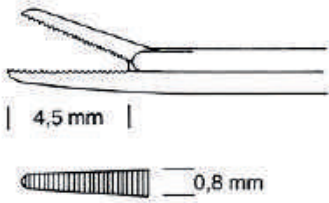
HARTMANN
KM 248/08



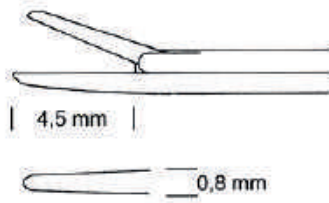
HARTMANN-HOFFMANN
KM 248/20

OHR OTOLGY OTOLOGIA OTOLOGIE OTOLOGIA

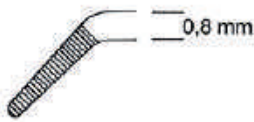
Mikro Ohrzängchen
 Micro Ear Forceps
 Micro pinzas auriculares
 Micro pinces auriculaires
 Micro pinze auricolari



KM 300/08



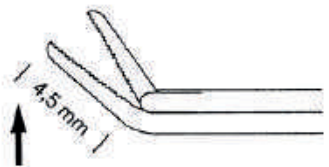
KM 304/08



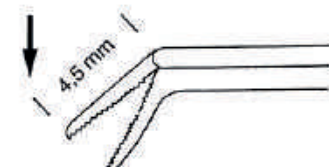
KM 308/08



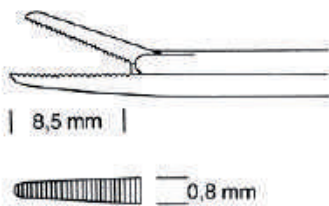
KM 312/08



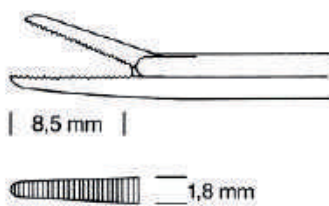
KM 316/08



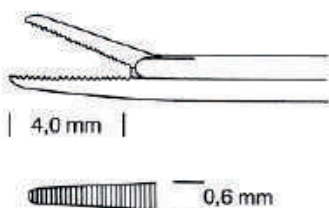
KM 320/08



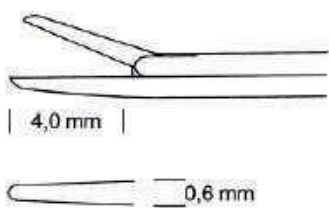
KM 324/08



KM 326/08



KM 328/08



KM 330/08

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KM

KM OHR OTOTOLOGY OTOLOGIA OTOLOGIE OTOLOGIA

Mikro Ohrzangchen
 Micro Ear Forceps
 Micro pinzas auriculares
 Micro pinces auriculaires
 Micro pinze auricolari

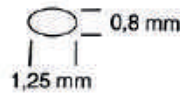


KM 334/08

gerade
 straight
 rectas
 droits
 rette



4,0 mm



0,8 mm
 1,25 mm



KM 338/08

rechts gebogen
 curved right
 curvas derecha
 courbes  droite
 curva destra



KM 342/08

links gebogen
 curved left
 curvas izquierda
 courbes  gauche
 curva sinistra



KM 346/08

aufgebogen
 curved up
 curvas arriba
 courbes en montant
 curva in alto

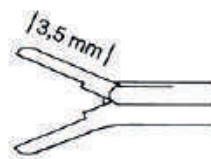


KM 350/08

abgebogen
 curved down
 curvas abajo
 courbes en bas
 curva in basso



CRURA-NIPPER
KM 354/08



3,5 mm



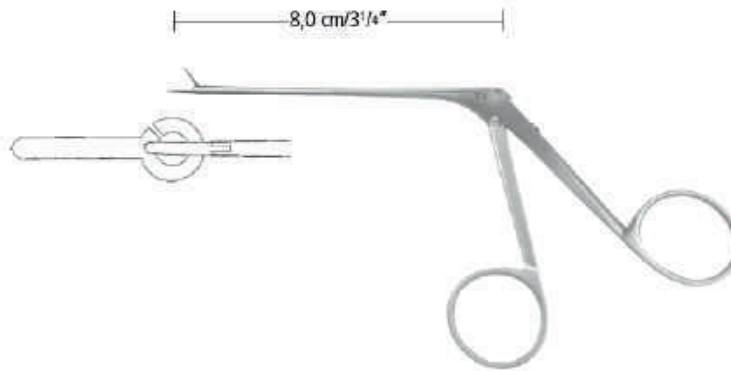
0,8 mm



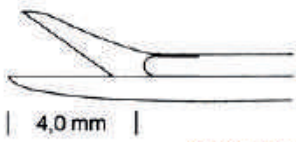
McGEE
KM 356/08

OHR OTOLGY OTOLOGIA OTOLOGIE OTOLOGIA

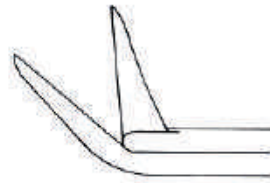
Mikro Ohrzängchen
 Micro Ear Forceps
 Micro pinzas auriculares
 Micro pinces auriculaires
 Micro pinze auricolari



FULLER
KM 358/08



KM 362/08



KM 364/08



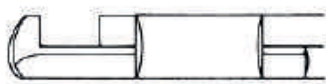
KM 366/08



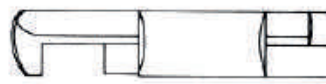
KM 370/08



BELLUCCI



KM 376/08



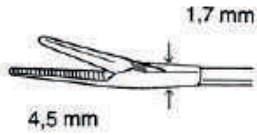
KM 378/08



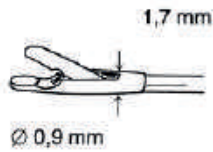
DIETER

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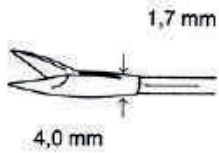
Mikro Ohrzangchen, Stanzen
 Micro Ear Forceps, Punches
 Micro pinzas auriculares, Pinzas oste6tomos
 Micro pinces auriculaires, Pincos ost6otomes
 Micro pinze auricolari, Pinze osteotomi



KM 400/08



KM 405/08



KM 410/08



WULLSTEIN



CITELLI
KM 490/01
KM 490/02
KM 490/03



BEYER
KM 492/19

Weitere Stanzen siehe Gruppen KO und KS.
 For further Punches see sections KO and KS.
 Para otras pinzas cortantes ver seccion KO y KS.
 D'autres pincos coupantes voir groupe KO et KS.
 Altre pinze taglianti vedi gruppo KO e KS.

OHR OTOLGY OTOLOGIA OTOLOGIE OTOLOGIA

Küretten, Löffel
Curettes, Spoons
Curetas, Cucharillas
Curettes
Curette, Cucchiali

stumpf - blunt - romas - mousses - smusse



KM 520/00 KM 521/00 KM 522/00 KM 522/01 KM 522/02 KM 522/03 KM 522/04 KM 522/05

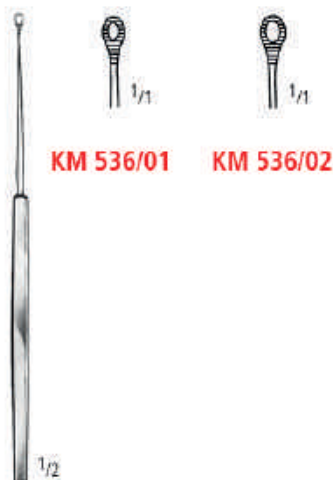


Fig.000 00 0 1 2 3 4 5

KM 530/00 KM 531/00 KM 532/00 KM 532/01 KM 532/02 KM 532/03 KM 532/04 KM 532/05

scharf - sharp - cortantes - tranchantes - taglienti

BUCK
16,5 cm/6 1/2"



KM 536/01 KM 536/02

SHAPLEIGH
13,0 cm/5"



LANGENBECK
KM 538/13
13,0 cm/5"



BARTH
KM 540/18
18,0 cm/7"



JANSEN
KM 542/15
15,0 cm/6"

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Schlingen, Hakchen
 Loops, Hooklets
 Asas, Gandhitas
 Anses, Crochets
 Anse, Uncini



KM 550/01

KM 550/02

KM 550/03

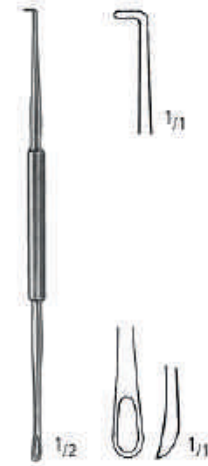
BILLEAU
 16,5 cm/6 1/2"



KM 552/01

KM 552/02

SNELLEN
 16,5 cm/6 1/2"



GROSS
KM 556/12
 12,0 cm/4 3/4"



HARTMANN
KM 560/16
 16,5 cm/6 1/2"

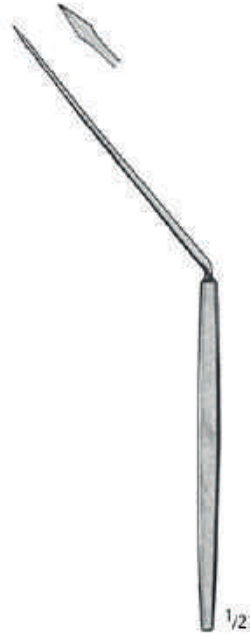
ZAUFAL
KM 566/16
 16,5 cm/6 1/2"



WAGENER
 14,0 cm/5 1/2"

LUCAE
 14,0 cm/5 1/2"

Parazentesenadeln, Messer
 Paracentesis Needles, Knives
 Aguja para paracentesis, Cuchillos
 Aiguilles à paracentèse, Couteaux
 Aghi per paracentesi, Coltelli



POLITZER
KM 610/16
 16,5 cm/6 1/2"



LUCAE
KM 612/18
 18,5 cm/7 1/3"



POLITZER
KM 614/17
 17,0 cm/6 3/4"



POLITZER
KM 616/16
 16,0 cm/6 1/4"

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Nadeln, Häkchen
 Needles, Hooklets
 Agujas, Ganchos
 Aiguilles, Crochets
 Aghi, Gandi



BARBARA
 25°
 KM 630/03
 KM 630/06
 KM 630/10



SHAMBAUGH
 45°
 KM 631/03
 KM 631/06
 KM 631/10
 KM 631/12
 KM 631/15
 KM 631/20
 KM 631/25



SHAMBAUGH
 90°
 KM 632/03
 KM 632/06
 KM 632/10
 KM 632/12
 KM 632/15
 KM 632/20
 KM 632/25



BARBARA
 KM 633/06
 KM 633/10

- 0,3 mm
- 0,6 mm
- 1,0 mm
- 1,2 mm
- 1,5 mm
- 2,0 mm
- 2,5 mm



16,0 cm/6 1/4"



BARBARA
 KM 634/00



BARBARA
 KM 634/01



BARBARA
 KM 634/02



ROSEN
 KM 634/03

OHR OTOLGY OTOLOGIA OTOLOGIE OTOLOGIA

Nadeln, Häkchen
Needles, Hooklets
Agujas, Ganchos
Aiguilles, Crochets
Aghi, Ganci



0,3 mm **KM 638/03**
0,6 mm **KM 638/06**
1,0 mm **KM 638/10**



KM 640/03
KM 640/06
KM 640/10



KM 642/03
KM 642/06
KM 642/10



0,3 mm **KM 639/03**
0,6 mm **KM 639/06**
1,0 mm **KM 639/10**



KM 641/03
KM 641/06
KM 641/10



KM 643/03
KM 643/06
KM 643/10



16,0 cm/6 1/4"



McGEE
0,5 mm **KM 646/05**
1,0 mm **KM 646/10**



McGEE
KM 647/05
KM 647/10



BARBARA
KM 648/00



ROSEN
KM 648/01

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KM OHR OTOTOLOGY OTOLOGIA OTOLOGIE OTOLOGIA

Messer
Knives
Cuchillos
Couteaux
Coltelli



ROSEN
16,0 cm/6 1/4"



KM 660/10 1,0 mm
KM 660/14 1,4 mm
KM 660/16 1,6 mm
KM 660/20 2,0 mm



KM 660/26 2,6 mm
KM 660/28 2,8 mm
KM 660/30 3,0 mm



16,0 cm/6 1/4"



PLESTER
KM 662/16
KM 663/16
PLESTER
KM 665/16
TABB
KM 666/16



SCHUKNECHT
16,0 cm/6 1/4"



KM 667/16
KM 668/16



WULLSTEIN
KM 669/16
16,0 cm/6 1/4"



SCHUKNECHT
KM 670/16
16,0 cm/6 1/4"





FISCH
16,0 cm/6 1/4"



KM 680/01



KM 680/02



KM 680/03



KM 680/04



HOUSE
16,0 cm/6 1/4"



KM 682/35
3,5 mm



KM 682/40
4,0 mm



KM 682/45
4,5 mm



KM 682/50
5,0 mm



ROSEN
19,0 cm/7 1/2"



KM 683/15
1,5 mm



KM 683/25
2,5 mm



ROSEN
16,0 cm/6 1/4"



KM 684/01



KM 684/02



KM 684/03

rund
round
redondo
rond
rotondo



KM 684/04



KM 684/05



KM 684/06



PLESTER
KM 685/16
16,0 cm/6 1/4"

KM OHR OTOTOLOGY OTOLOGIA OTOLOGIE OTOLOGIA

Instrumente für die Stapes-Fußplatte
 Footplate Hand Instruments
 Instrumentos para la platina estapediana
 Instruments pour chirurgie de l'étrier
 Strumenti per lo stapes



HOUSE
 15,0 cm/6"
KM 703/01 1,0 + 1,2 mm
KM 703/02 1,5 + 1,8 mm



HOUSE
 15,0 cm/6"
KM 705/01
KM 705/02



SHEA
KM 706/16
 16,0 cm/6 1/4"



SHEA
KM 707/16
 16,0 cm/6 1/4"



16,0 cm/6 1/4"



BUCKINGHAM
KM 710/01



BUCKINGHAM
KM 710/02



BUCKINGHAM
KM 710/03



LARKIN
KM 711/01



LARKIN
KM 711/02



LARKIN
KM 711/03

OHR OTOLOGY OTOLOGIA OTOLOGIE OTOLOGIA

Instrumente für die Stapes-Fußplatte
 Footplate Hand Instruments
 Instrumentos para la platina estapediense
 Instruments pour chirurgie de l'étrier
 Strumenti per lo stapes



HEERMANN
KM 715/00



0,7 mm
KM 715/01



0,7 mm
KM 715/02



1,0 mm
KM 715/03



1,5 mm
KM 715/04



3,0 mm
KM 715/05



KM 716/00
 19,5 cm/7³/₄"



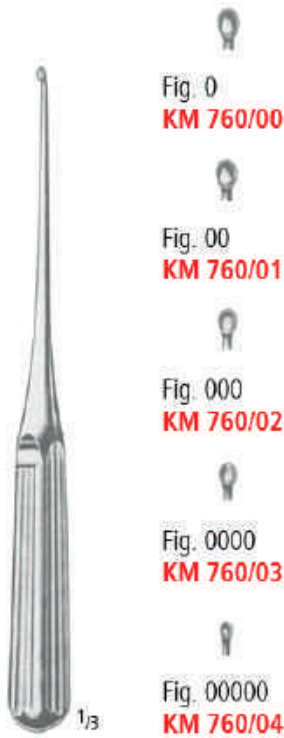
SCHUKNECHT
KM 717/00



FISCH
KM 719/16
 16,0 cm/6¹/₄"

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Küretten, Elevatorien, Raspatorien
 Curettes, Elevators, Raspatories
 Curetas, Elevadores, Legras
 Curettes, Elévateurs, Rugines
 Curette, Elevatori, Periostotomi



LEMPERT
21,0 cm/8¹/₄"



WULLSTEIN
16,0 cm/6¹/₄"



LEMPERT
KM 764/03
16,0 cm/6¹/₄"



SHAMBAUGH-DERLACKI
KM 765/16
16,5 cm/6¹/₂"

LEMPERT
17,0 cm/6³/₄"

Küretten, Elevatorien, Meißel, Messer
 Curettes, Elevators, Chisel, Knives
 Curetas, Elevadores, Cinceles, Cuchillos
 Curettes, Elévateurs, Ciseaux, Coutreaux
 Curette, Elevatori, Scalpelli, Coltelli



1/2

JANSEN

19,0 cm/7 1/2"

9,0 mm **KM 768/09**
 14,0 mm **KM 768/14**



1/2

PASSOW

13,0 cm/5"

2,0 X 2,0 mm **KM 769/02**
 3,0 X 3,0 mm **KM 769/03**



1/2

BEALES

16,0 cm/6 1/4"

Fig. 1
KM 771/01

Fig. 2
KM 771/02



1/2

MUCK

KM 778/13
 13,0 cm/5"

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 X

KM

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



Weitere Sauginstrumente siehe Gruppe AO.
More suction instruments in chapter AO.
Para otras Tubos de aspiración ver sección AO.
D'autres canules d'aspiration groupe AO.
Altre cannule per aspirazione vedi gruppo AO.



HOUSE

- 0,9 + 0,7 mm **KM 830/09**
- 1,2 + 0,9 mm **KM 830/12**
- 1,5 + 1,2 mm **KM 830/15**
- 1,8 + 1,8 mm **KM 830/18**
- 2,5 + 2,0 mm **KM 830/25**
- 3,0 + 2,0 mm **KM 830/30**
- 4,5 + 2,0 mm **KM 830/45**

BARON (SCHUKNECHT)

- 1,0 mm x 75 mm **KM 832/10**
- 1,5 mm x 75 mm **KM 832/15**
- 2,0 mm x 75 mm **KM 832/20**



ZÖLLNER
KM 835/00



- ∅ 0,5 mm **KM 835/05**
- ∅ 0,7 mm **KM 835/07**



WULLSTEIN
KM 836/00



HOUSE
KM 837/00



HOUSE

- 0,6 mm **KM 838/06**
- 0,8 mm **KM 838/08**
- 1,0 mm **KM 838/10**
- 1,2 mm **KM 838/12**
- 1,5 mm **KM 838/15**
- 1,8 mm **KM 838/18**
- 2,0 mm **KM 838/20**
- 2,2 mm **KM 838/22**
- 2,5 mm **KM 838/25**
- 3,0 mm **KM 838/30**

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



VERHOEVEN

- 0,7 mm x 100 mm **KM 842/07**
- 0,9 mm x 100 mm **KM 842/09**
- 1,2 mm x 100 mm **KM 842/12**
- 1,6 mm x 100 mm **KM 842/16**



VERHOEVEN

straight

- 1,2 mm x 90 mm **KM 843/12**
- 1,5 mm x 90 mm **KM 843/15**
- 2,0 mm x 90 mm **KM 843/20**
- 3,0 mm x 90 mm **KM 843/30**



VERHOEVEN
down curved

- 1,2 mm x 90 mm **KM 844/12**
- 1,5 mm x 90 mm **KM 844/15**
- 2,0 mm x 90 mm **KM 844/20**



VERHOEVEN
up curved

- 1,2 mm x 90 mm **KM 845/12**
- 1,5 mm x 90 mm **KM 845/15**
- 2,0 mm x 90 mm **KM 845/20**

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COTTLE
KM 850/24
 19,0 cm/7 1/2"
 240 g



HAJEK
KM 851/14
 22,0 cm/8 3/4"
 140 g



Ø 25,0 mm
 320 g

mit auswechselbaren Backen
 with interchangeable discs
 con tapas intercambiables
 avec plaques interchangeables
 con placche intercambiabili

KA 556/32
 18,0 cm/7"

KA 556/99
 Nylonbacken allein, paarweise
 Nylon Faces only, pair
 Tapas de Nylon sueltas, par
 Plaques en Nylon seules, paire
 Placche in Nylon sole, a paia



HARTMANN
 14,0 cm/5 1/2"

- **KM 858/00**
- **KM 858/01**
- **KM 858/02**
- **KM 858/03**
- **KM 858/04**
- **KM 858/05**

Stimmgabeln
Tuning Forks
Diapasones
Diapasons
Diapason

ALU



HARTMANN



**HARTMANN
ALU**



LUCAE



HARTMANN-FRENCH

- c² 16
- c² 32
- c 64
- c 128
- c¹ 256
- c² 512
- c³ 1024
- c⁴ 2048
- c⁵ 4096

- KM 862/00
- KM 862/01
- KM 862/02
- KM 862/03
- KM 862/04
- KM 862/05

- KM 862/10
- KM 862/11
- KM 862/12
- KM 862/13
- KM 862/14
- KM 862/15

- KM 863/00
- KM 863/01
- KM 863/02
- KM 863/03
- KM 863/04
- KM 863/05

- KM 864/00
- KM 864/01
- KM 864/02
- KM 864/03
- KM 864/04



KM 865/05 = KM 862/02
KM 862/03
KM 862/04
KM 864/03
KM 864/04

KM 865/06 = KM 862/02
KM 862/03
KM 862/04
KM 862/05
KM 864/03
KM 864/04

KM 865/08 = KM 862/02
KM 862/03
KM 862/04
KM 862/05
KM 864/01
KM 864/02
KM 864/03
KM 864/04

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Stimmgabeln
Tuning Forks
Diapasones
Diapasons
Diapason

ALU



C 64

KM 866/01



C 128

KM 866/02



C 256

KM 866/03



C 512

KM 866/04



C 1024

KM 866/05



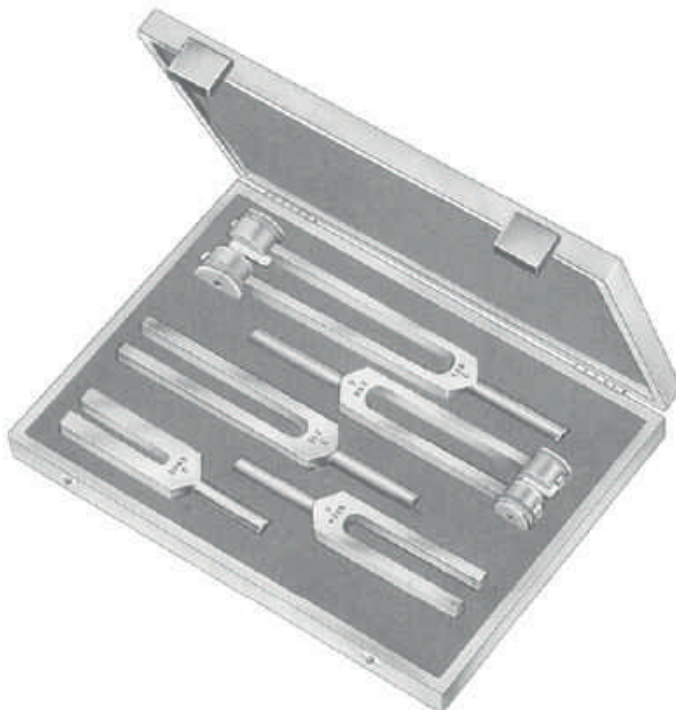
C 2048

KM 866/06



C 4096

KM 866/07



KM 867/05 = KM 866/02
KM 866/03
KM 866/04
KM 866/05
KM 866/06

Luftdusche, Pulverbläser
 Air Bag, Powder Blower
 Insufladores, Pulverizadores
 Insufflateurs
 Insuffiatori



KM 890/01



Ø 4 mm = KM 890/04



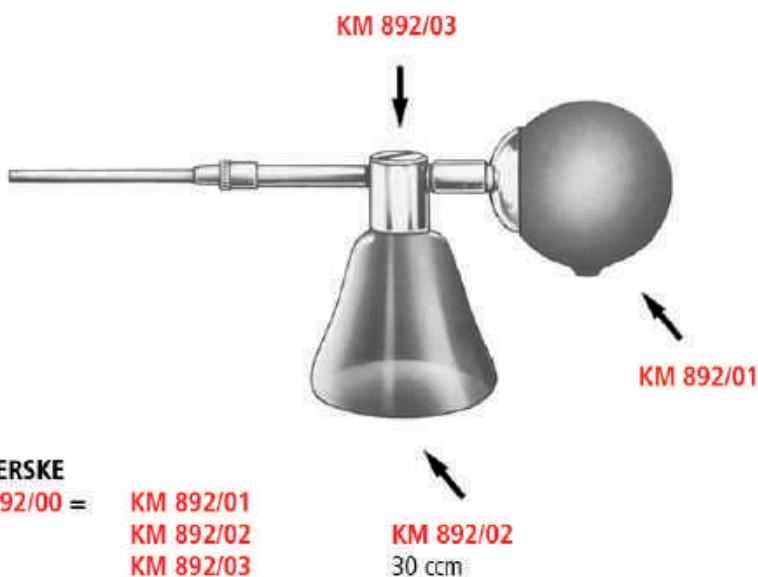
Ø 15 mm = KM 890/15
 Ø 17 mm = KM 890/17
 Ø 22 mm = KM 890/22



KM 890/30

POLITZER

- KM 890/00 = KM 890/00
 KM 890/04
 KM 890/15
 KM 890/17
 KM 890/22
 KM 890/30



KABIERSKE

- KM 892/00 = KM 892/01
 KM 892/02
 KM 892/03
 KM 892/08
 KM 892/11
 KM 892/13



8,0 cm/3" KM 892/08



11,0 cm/4 1/3" KM 892/11



13,0 cm/5" KM 892/13

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Ohrspritzen
 Ear Syringes
 Jeringas auriculares
 Seringues auriculaires
 Siringhe per orecchio



KM 898/01



KM 898/02



KM 898/03



50 ml **KM 898/05**
 75 ml **KM 898/08**
 100 ml **KM 898/10**
 komplett
 complete
 completo
 complet
 completo

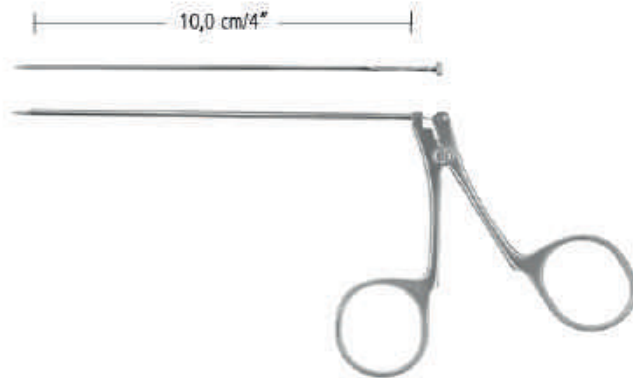
Paukenröhrchen
 Ventilation Tubes
 Tubes de ventilation
 Tubos de ventilación
 Tubi di ventilazione

TITAN



TÜBINGER

- Ø 1,00 mm = **KM 899/00**
- Ø 1,25 mm = **KM 899/01**
- Ø 1,50 mm = **KM 899/02**



KM 910/10



GELFOAM-HOUSE

- 18,0 cm/7"
- 11 x 14 mm **KM 920/11**
- 22 x 30 mm **KM 920/22**
- 30 x 30 mm **KM 920/30**

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nopa[®] instruments

Rhinologie
Rhinology
Rinología
Rhinologie
Rinología

Seite 309-358
Page 309-358
Página 309-358
Page 309-358
Página 309-358



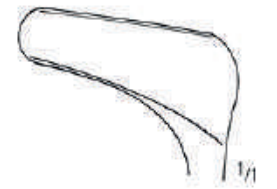


NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

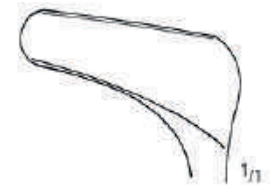
Nasenspekula
Nasal Specula
Espéculos nasales
Spéculums nasaux
Specoli nasali



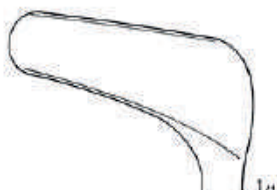
HARTMANN-HALLE
15,0 cm/6"



KO 050/01



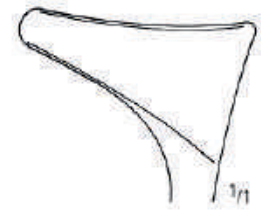
KO 050/02



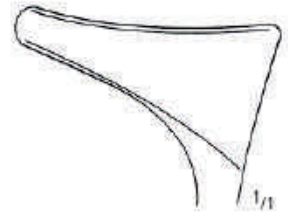
KO 050/03



HARTMANN
15,0 cm/6"



KO 052/01



KO 052/02



KO 052/03



TIECK-HALLE
13,5 cm/5 1/4"



KO 060/01



KO 060/02



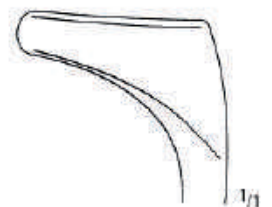
BECKMANN
KO 063/13
13,0 cm/5"



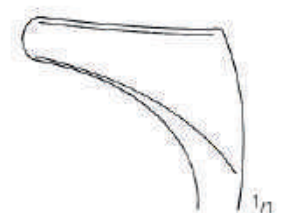
BECKMANN
15,0 cm/6"



KO 065/01



KO 065/02



KO 065/03

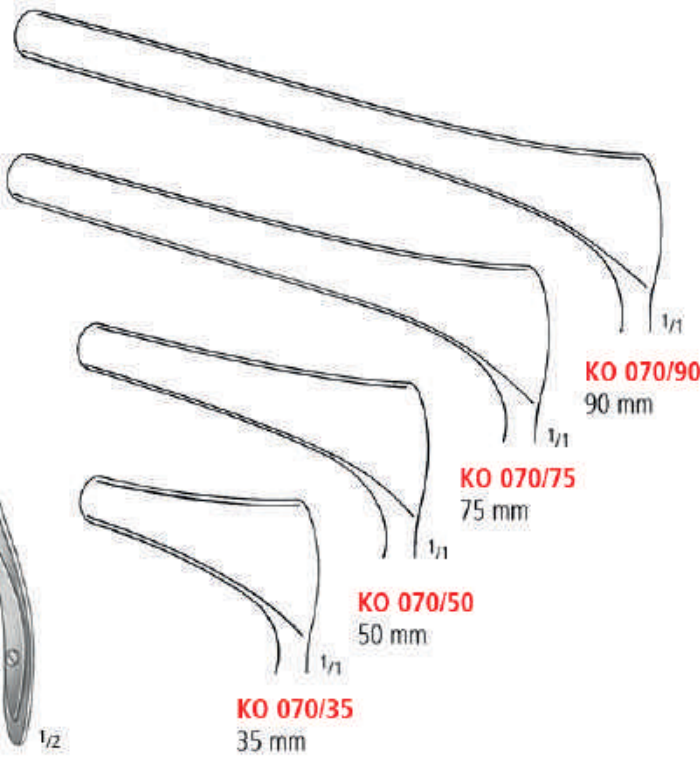
AA
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KO NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

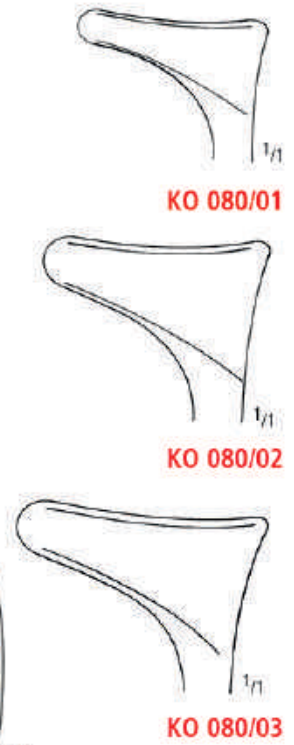
Nasenspekula, Nasenrachen-Spekulum
 Nasal Specula, Nasopharyngeal Speculum
 Espécules nasales, Espéculo nasolaringeal
 Spéculums nasaux, Spéculum nasopharyngien
 Specoli nasali, Speculum nasolaringeale



KILLIAN
13,0 cm/5"



MOD. WIEN
14,5 cm/5 3/4"



SONNENSCHN
KO 081/15
15,0 cm/6"



MARTIN
KO 082/13
13,0 cm/5"



CARDIFF
KO 083/13
13,0 cm/5"



PILCHER
KO 084/15
15,0 cm/6"



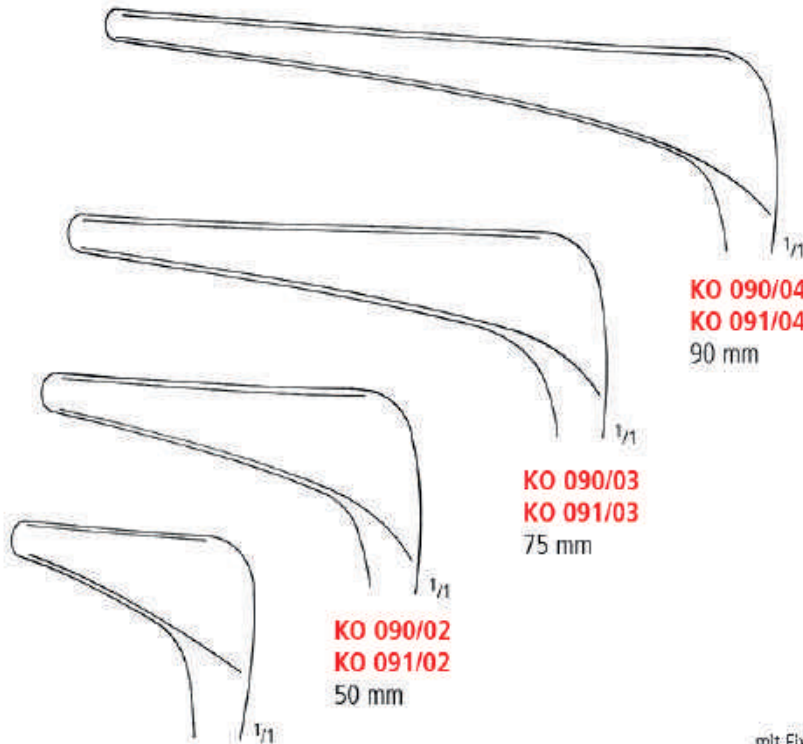
YANKAUER
KO 087/19
19,0 cm/7 1/2"

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Nasenspekula
Nasal Specula
Especúlos nasales
Spéculums nasaux
Specoli nasali



COTTLE
KO 090/01-04
15,0 cm/6"



KO 090/04
KO 091/04
90 mm

KO 090/03
KO 091/03
75 mm

KO 090/02
KO 091/02
50 mm



mit Fixierschraube
with fixing screw
con tornillo de fijación
avec vis de fixation
con vite fissaggio

COTTLE
KO 091/01-04
15,0 cm/6"



KO 094/01



KO 094/02



KO 094/03



KO 095/01



KO 095/02



KO 095/03



THUDICHUM
(GOLDSMITH)
6,5 cm/2 1/2"



VOLTOLINI
(DUPLAY)

AA
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KO

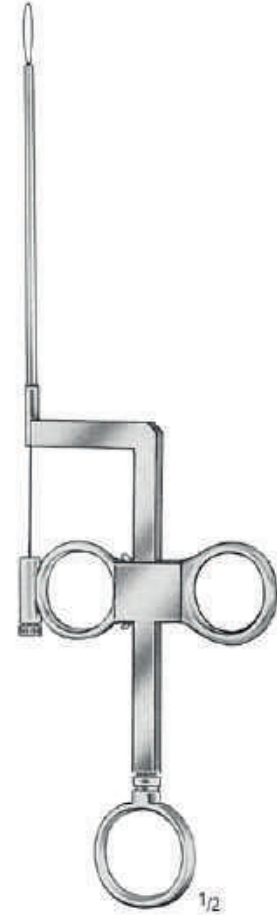
Polypenschnürer
 Nasal Snares
 Polipótomos
 Serre-nœuds pour polypes
 Serranodi per polipi



KRAUSE
KO 100/00
 26,0 cm/10¹/₂"



KRAUSE-VOSS
KO 102/00
 26,0 cm/10¹/₂"



LANGE-WILDE
KO 104/00
 24,0 cm/9¹/₂"



KO 120/12

Bündel mit 12 Stück
 bundles of 1 dozen each
 en atados de 12 piezas
 en paquets de 12 pièces
 in fascetti di 12 pezzi



10,0 m/33 ft.

0,3 mm **KO 121/03**

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Polypenzangen
Nasal Polypus Forceps
Pinzas para pólipos
Pincès à polypes nasaux
Pinze per polipi nasali

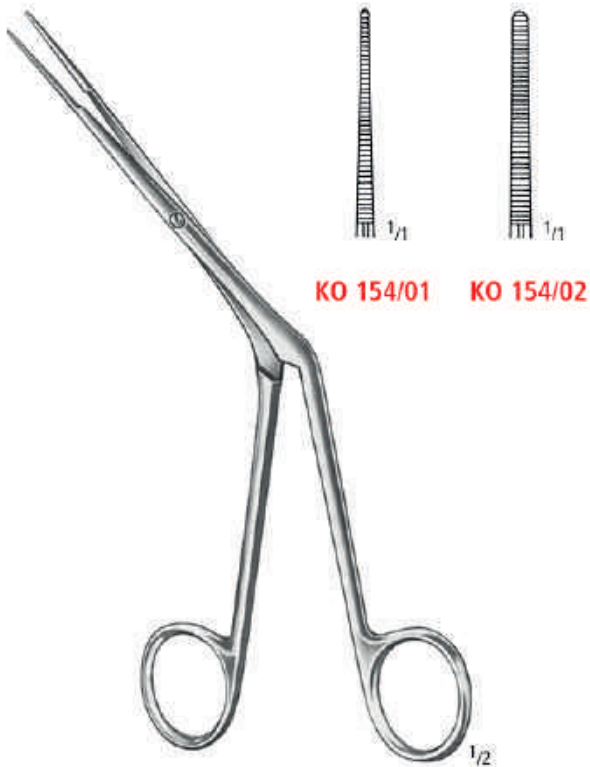


HARTMANN
KO 150/16 16,0 cm/6¹/₄"
KO 150/20 20,0 cm/8"

HEYMANN-KNIGHT
KO 151/18 18,0 cm/7"

LUBET-BARBON
KO 152/20 20,0 cm/8"

KILLIAN
KO 153/17 17,0 cm/6³/₄"



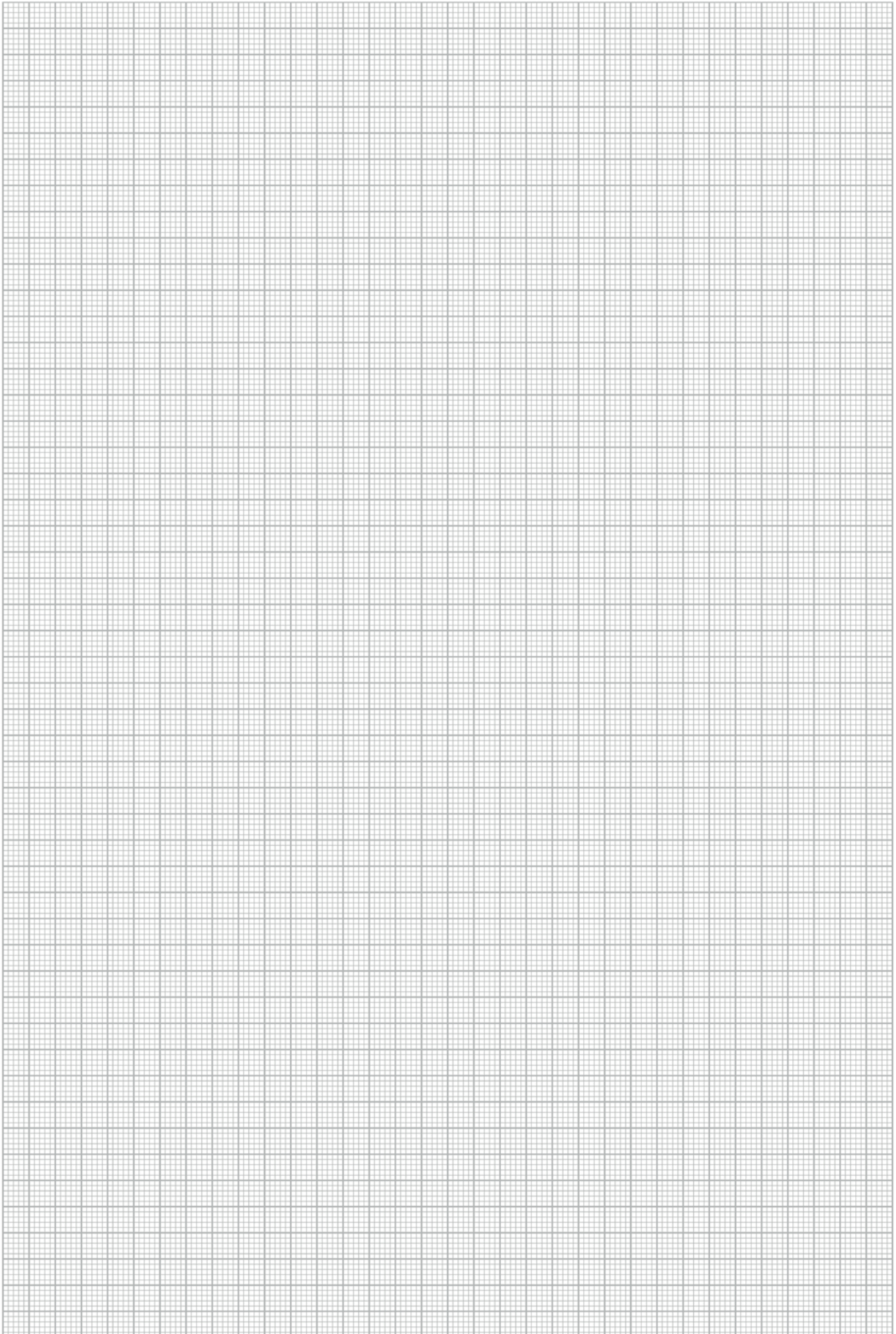
KO 154/01 KO 154/02

WESTMACOTT
20,0 cm/8"

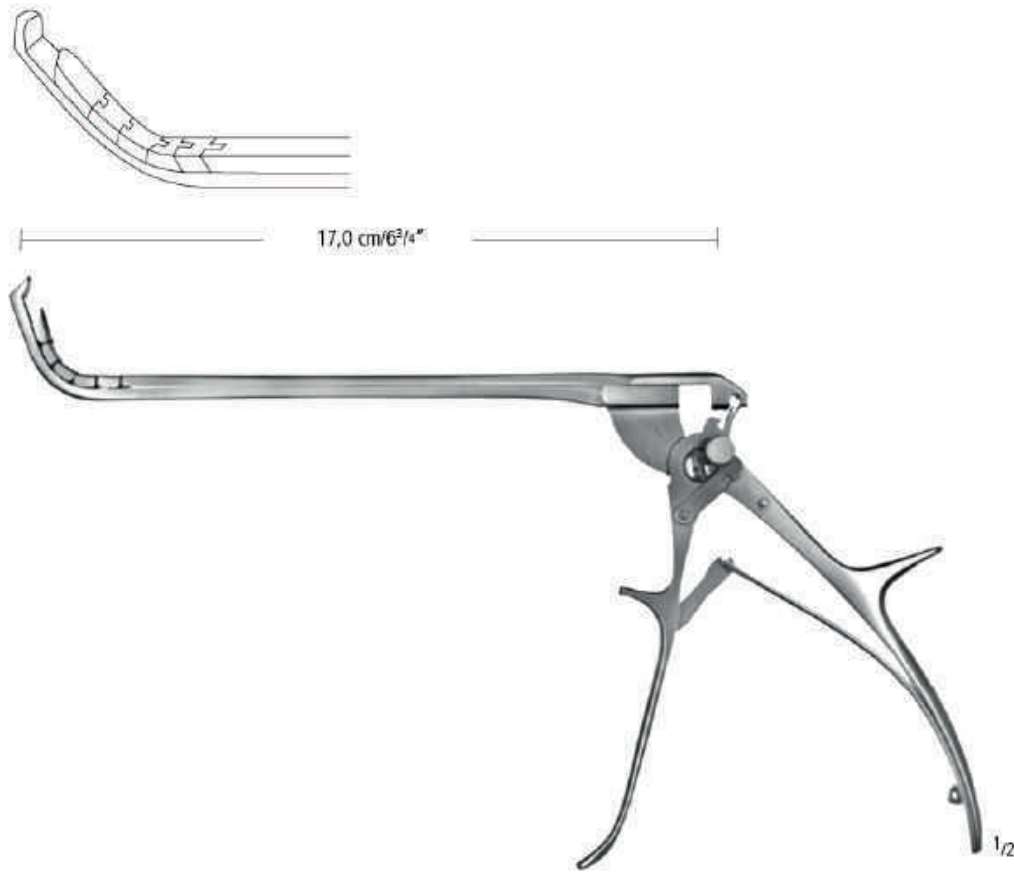


HARTMANN
KO 155/19 19,0 cm/7¹/₂"

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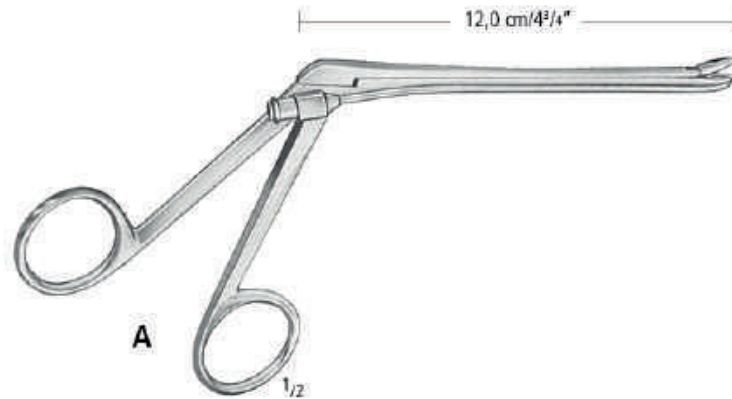
Stirnhöhlenstanze
 Frontal sinus punch forceps
 Pinzas para seno frontal
 Pincès pour sinus frontal
 Pinze per seno frontale









2,0 mm **KO 165/02**
 3,0 mm **KO 165/03**

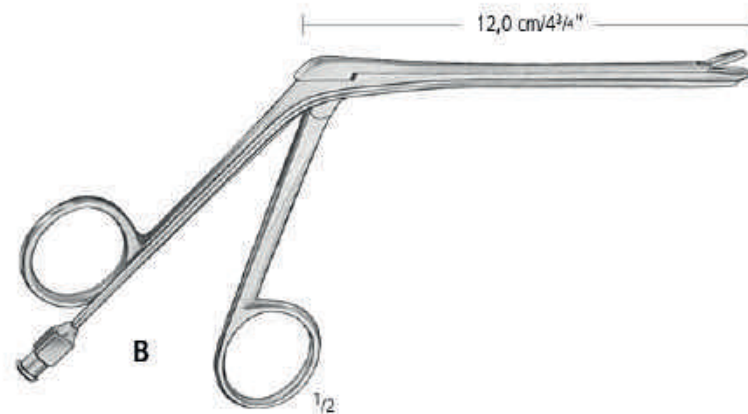
AA
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Sinuskopie-Zangen
 Sinuscopy Forceps
 Pinzas para senoscopia
 Pince à sinus
 Pinze per sinuscopia



WEIL-BLAKESLEY

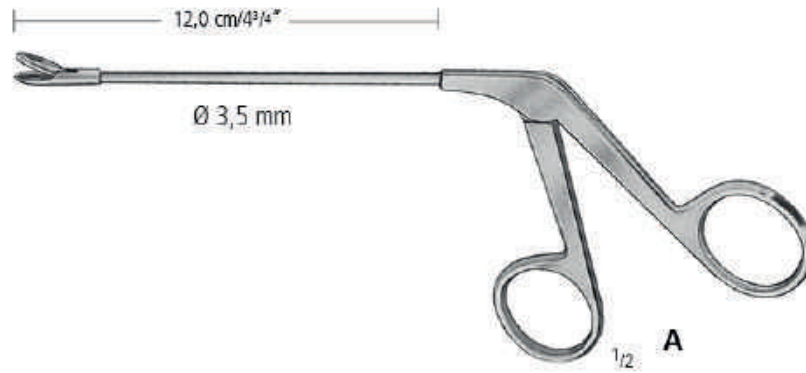
				
		2,5 mm	3,0 mm	3,5 mm
	0°	A KO 170/01	KO 170/02	KO 170/03
		B KO 170/11	KO 170/12	KO 170/13
	45°	A KO 170/06	KO 170/07	KO 170/08
		B KO 170/16	KO 170/17	KO 170/18
	90°	A KO 170/21	KO 170/22	KO 170/23
		B KO 170/31	KO 170/32	KO 170/33













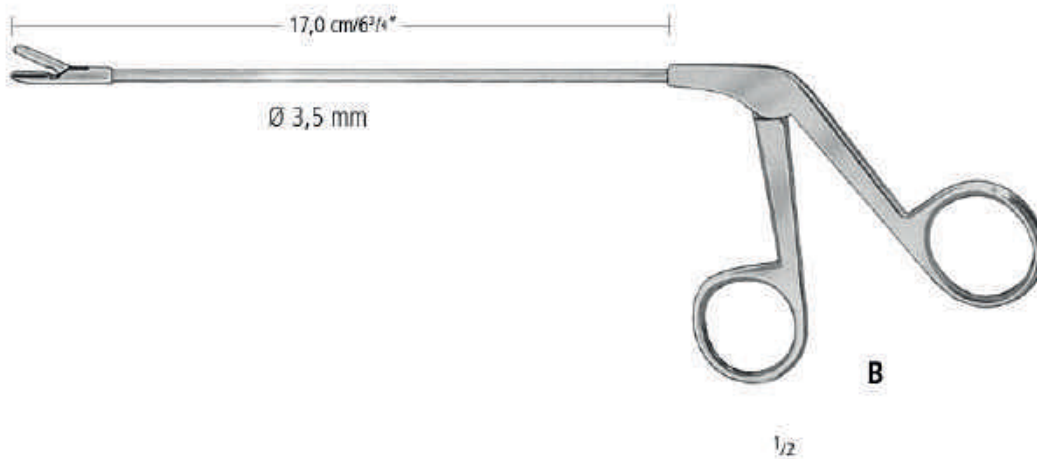
WEIL-BLAKESLEY

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Sinuskopie-Zangen
 Sinuscopy Forceps
 Pinzas para senoscopia
 Pince à sinus
 Pinze per sinusopia



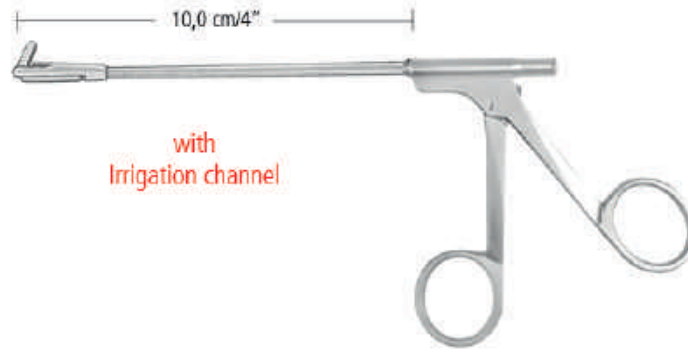
					
		2,5 mm	3,0 mm	3,5 mm	4,0 mm
WEIL-BLAKESLEY 0°	A	KO 171/01	KO 171/02	KO 171/03	KO 171/04
	B	KO 171/11	KO 171/12	KO 171/13	KO 171/14
					
		2,5 mm	3,0 mm	3,5 mm	4,0 mm
WEIL-BLAKESLEY 45°	A	KO 171/06	KO 171/07	KO 171/08	KO 171/09
	B	KO 171/16	KO 171/17	KO 171/18	KO 171/19
					
		4,0 x 10,0 mm			
TAKAHASHI	A	KO 171/27			
					
		1,0 x 10,0 mm			
STRUYCKEN	A	KO 171/28			






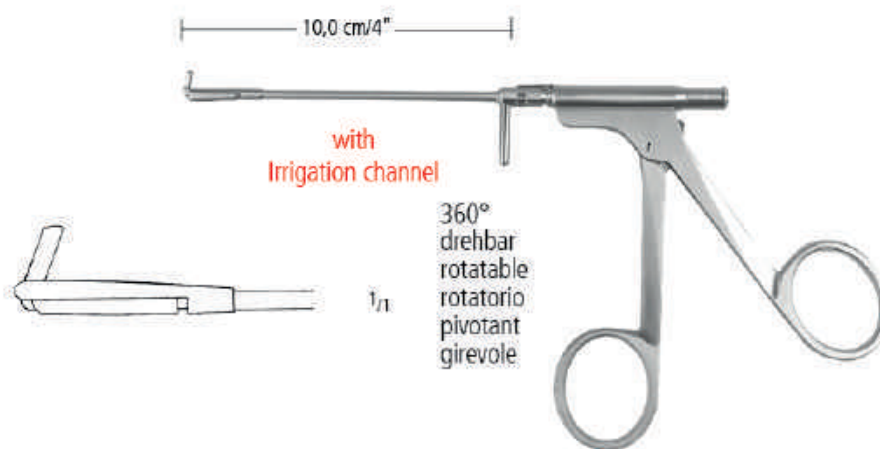
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Sinuskopie-Zangen
 Sinuscopy Forceps
 Pinzas para senoscopia
 Pince à sinus
 Pinze per sinuscopia

**STANZEN
 RETRO-PUNCHES**



		Ø 3,0 mm	Ø 4,5 mm
		1,5 x 3,0 mm	2,5 x 6,5 mm
	1/1	KO 175/01	KO 175/03
	1/1	KO 175/11	KO 175/13
	1/1	KO 175/21	KO 175/23



Ø 3,0 mm	Ø 3,0 mm
1,5 x 3,0 mm	2,0 x 5,0 mm
KO 175/31	KO 175/32

Sinuskopie-Zangen
 Sinuscopy Forceps
 Pinzas para senoscopia
 Pince à sinus
 Pinze per sinuscopia

RUNDKOPF-STANZEN
CIRCULAR-PUNCHES

18,0 cm / 7"

with Irrigation channel

α	\emptyset	
0°	3,5 mm	KO 177/01
0°	4,5 mm	KO 177/02

17,0 cm / 6 3/4"

with Irrigation channel

α	\emptyset	
65°	3,5 mm	KO 177/03
65°	4,5 mm	KO 177/04

17,0 cm / 6 3/4"

with Irrigation channel

α	\emptyset	
45°	3,5 mm	KO 177/05
45°	4,5 mm	KO 177/06

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Sinuskopie-Zangen
 Sinuscopy Forceps
 Pinzas para senoscopia
 Pince à sinus
 Pinze per sinuscopia

**SCHEREN
 SCISSORS**

glatt
 smooth



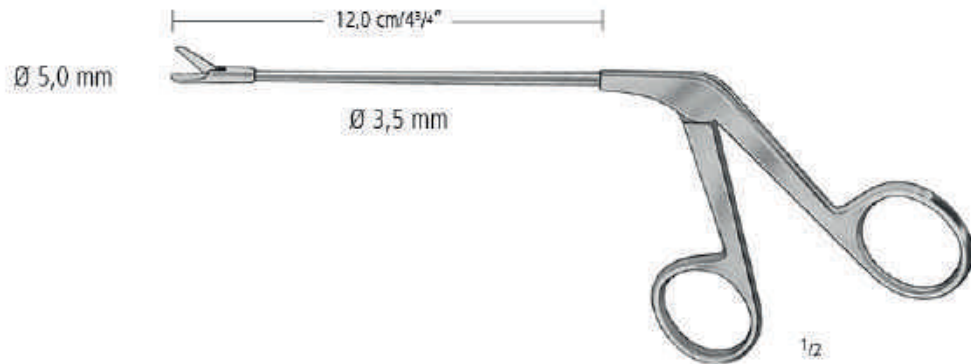
KO 180/01



KO 180/02



KO 180/03



gezahnt
 serrated



KO 180/11



KO 180/12



KO 180/13

Sinuskopie-Zangen
 Sinuscopy Forceps
 Pinzas para senoscopia
 Pince à sinus
 Pinze per sinuscopia

**SCHEREN
 SCISSORS**

glatt
 smooth



1/1

KO 180/21



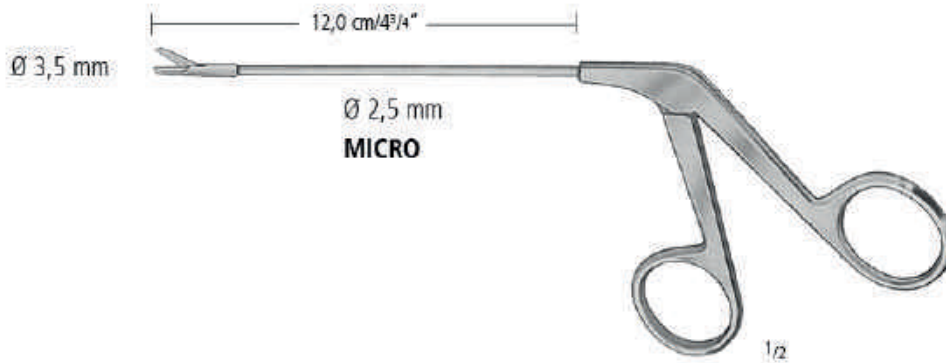
1/1

KO 180/22



1/1

KO 180/23



gezahnt
 serrated



1/1

KO 180/31



1/1

KO 180/32



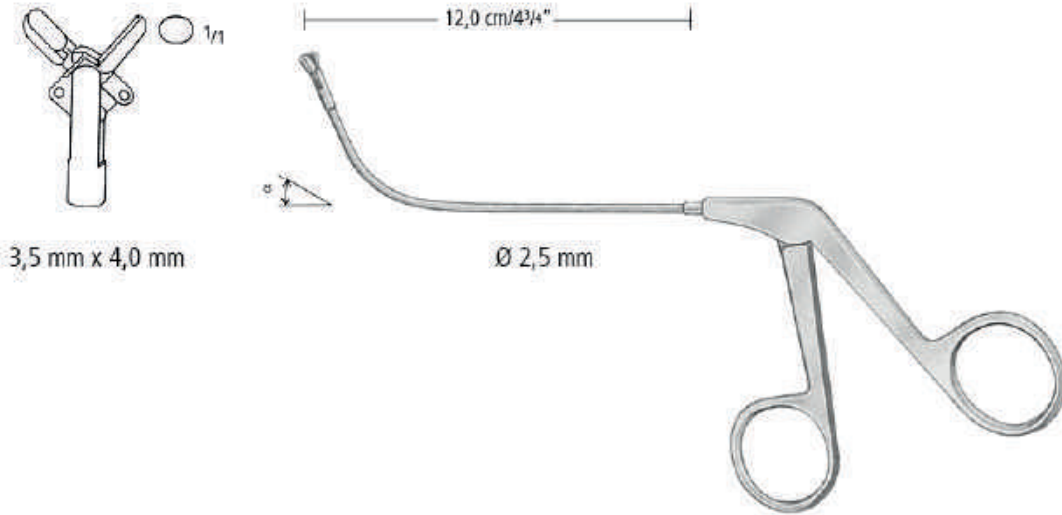
1/1


KO 180/33

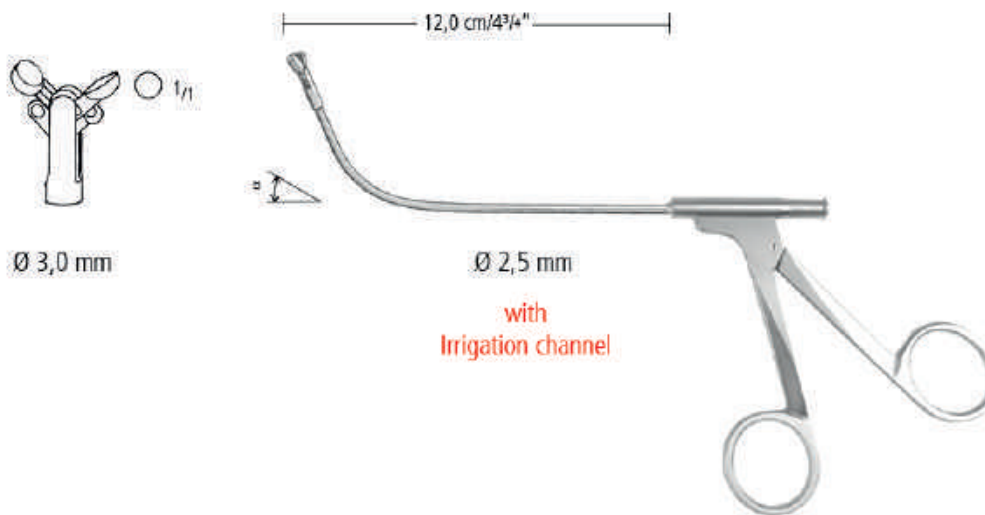
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Sinuskopie-Zangen
 Sinuscopy Forceps
 Pinzas para senoscopia
 Pince à sinus
 Pinze per sinuscopia


**STIRNHÖHLEN ZANGEN
 FRONTAL SINUS FORCEPS**



	horizontal öffnend horizontal cutting	vertikal öffnend vertical cutting
70°	KO 185/01	KO 185/11
90°	KO 185/02	KO 185/12
110°	KO 185/03	KO 185/13

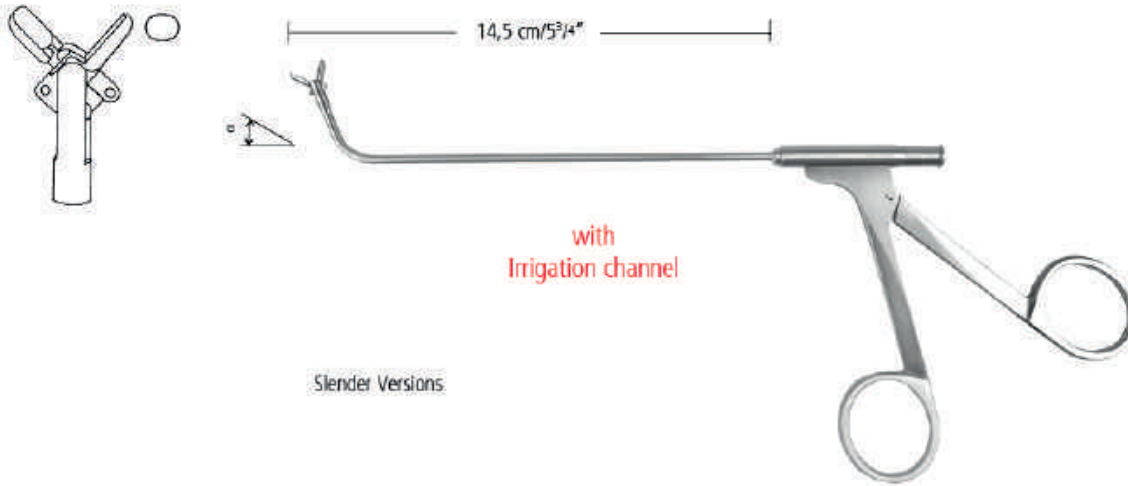


STAMMBERGER

	horizontal öffnend horizontal cutting	vertikal öffnend vertical cutting
65°	KO 186/01	KO 186/02

Sinuskopie-Zangen
 Sinuscopy Forceps
 Pinzas para senoscopia
 Pince à sinus
 Pinze per sinuscopia

**STIRNHÖHLEN ZANGEN
 FRONTAL SINUS FORCEPS**



Slender Versions

	Ausstattung Bite	horizontal öffnend horizontal cutting	vertikal öffnend vertical cutting
50°	2,0 mm	KO 187/01	KO 187/02
50°	3,0 mm	KO 187/03	KO 187/04
50°	4,0 mm	KO 187/05	KO 187/06
90°	2,0 mm	KO 187/11	KO 187/12
90°	3,0 mm	KO 187/13	KO 187/14
90°	4,0 mm	KO 187/15	KO 187/16

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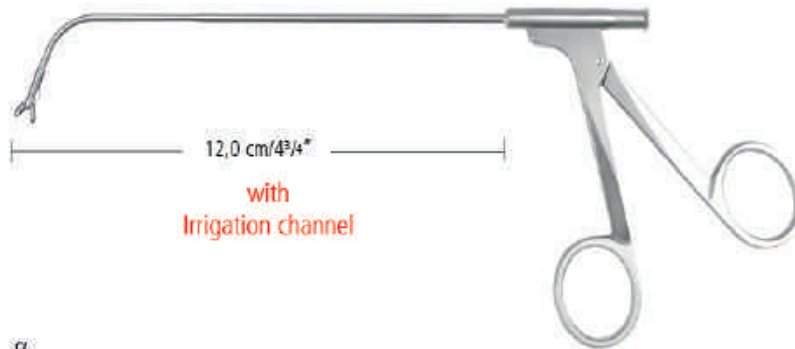
KO

Sinuskopie-Zangen
 Sinuscopy Forceps
 Pinzas para senoscopia
 Pince à sinus
 Pinze per sinuscopia

**KIEFERNHÖHLEN FASSZANGEN
 ANTRUM GRASPING FORCEPS**



vertical jaw opening



12,0 cm/4³/₄"
 with
 Irrigation channel



ovale Löffel Ø
 cupped jaws Ø

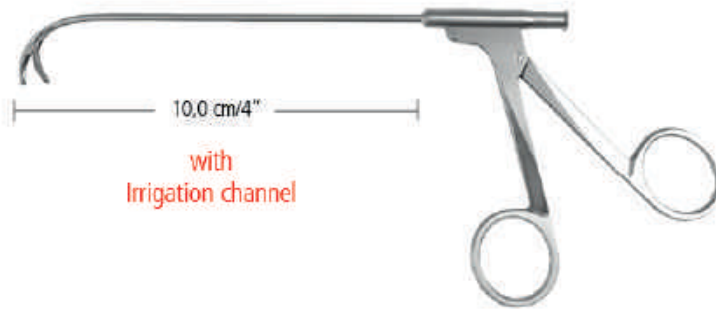
70°

3,0 mm

KO 190/01



90° bis 120° rückwärts
 90° to 120° backbiter

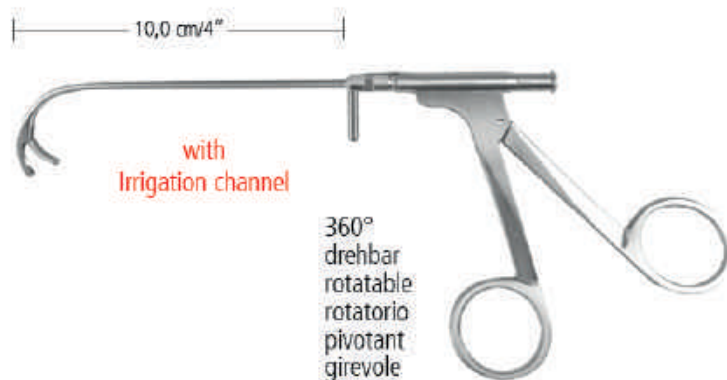


10,0 cm/4"
 with
 Irrigation channel

KO 190/02



90° bis 120° rückwärts
 90° to 120° backbiter



10,0 cm/4"
 with
 Irrigation channel

360°
 drehbar
 rotatable
 rotatorio
 pivotant
 girevole

KO 190/03

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Sinuskopie-Zangen
 Sinuscopy Forceps
 Pinzas para senoscopia
 Pince à sinus
 Pinze per sinuscopia



KO 200/01



KO 200/02



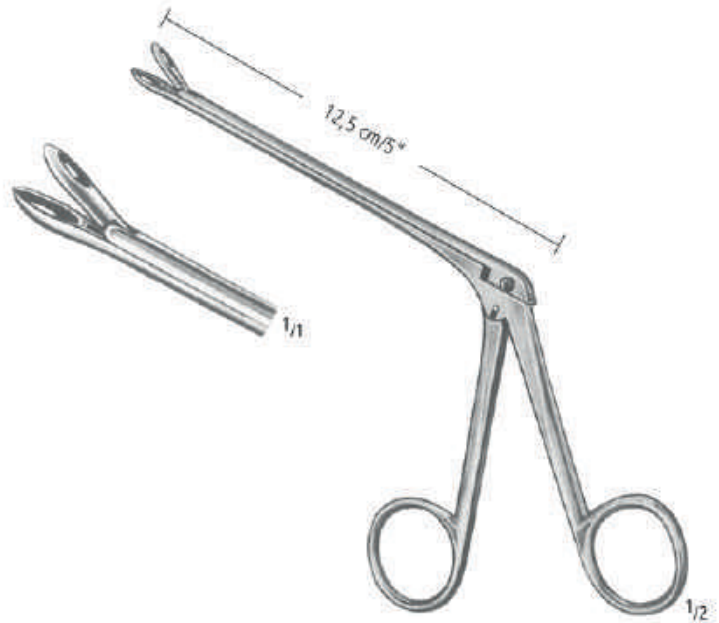
KO 200/03



KO 200/04



KO 200/05



WEIL-BLAKESLEY



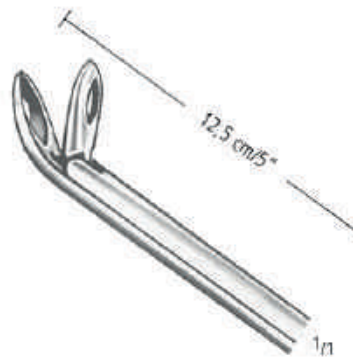
KO 201/01



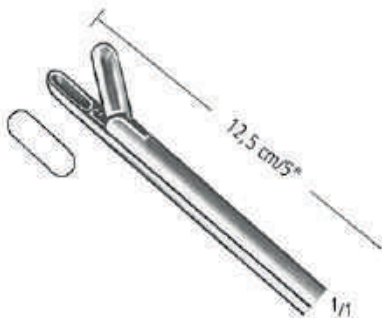
KO 201/02



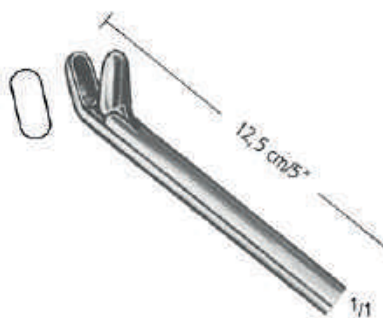
KO 201/03



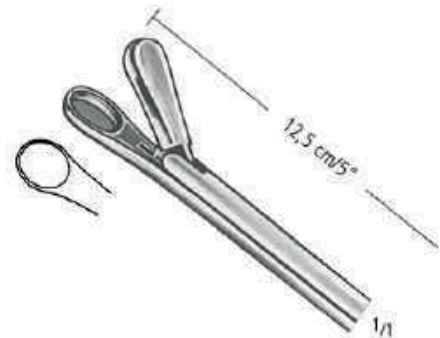
WEIL-BLAKESLEY



WATSON-WILLIAMS
 KO 203/12







WATSON-WILLIAMS
 KO 204/12



WATSON-WILLIAMS
 KO 205/12

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Scharfe Nasenzangen
 Nasal Cutting Forceps
 Pinzas cortantes para nariz
 Pincès coupantes pour le nez
 Pinze taglienti per il naso

-  $\frac{1}{1}$ 5 mm
KO 210/05
-  $\frac{1}{1}$ 7 mm
KO 210/07
-  $\frac{1}{1}$ 9 mm
KO 210/09
-  $\frac{1}{1}$ 11 mm
KO 210/11



HARTMANN



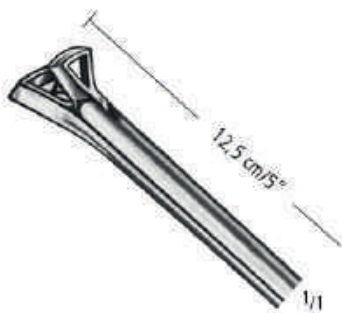
KO 214/01



KO 214/02



KO 214/03



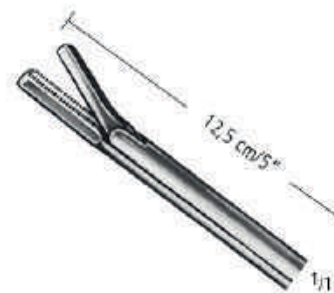
SCHMEDEN



KO 215/01



KO 215/02



STRUYCKEN

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Scharfe Nasenzangen
 Nasal Cutting Forceps
 Pinzas cortantes para nariz
 Pincès coupantes pour le nez
 Pinze taglienti per il naso



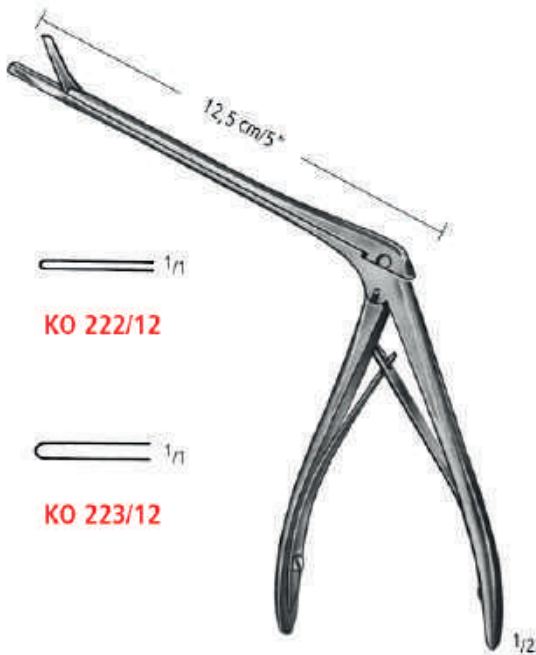
KO 220/12



KO 221/12



TAKAHASHI



KO 222/12

KO 223/12

STRUYCKEN



JANSEN-MIDDLETON

KO 225/19
 19,0 cm/7 1/2"



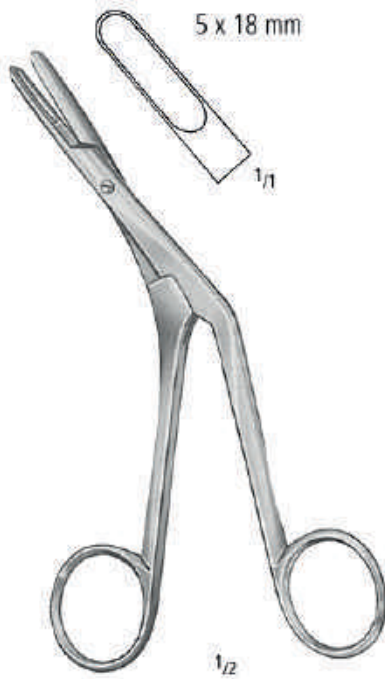
JANSEN-MIDDLETON

KO 226/19
 19,0 cm/7 1/2"

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KO

Siebbein- und Septumzangen
 Ethmoid and Septum Forceps
 Pinzas para etmoides y para el tabique nasal
 Pince ethmoidales et pour la cloison nasale
 Pinze etmoidali e per il setto nasale



CRAIG
KO 230/17
 17,0 cm/6³/₄"



BRUENINGS
 19,0 cm/7¹/₂"

KO 235/01

KO 235/02

KO 235/03

KO 235/04



LUC
 20,0 cm/8"

KO 236/01

KO 236/02

KO 237/01

KO 237/02



KNIGHT
KO 238/18
 18,0 cm/7"

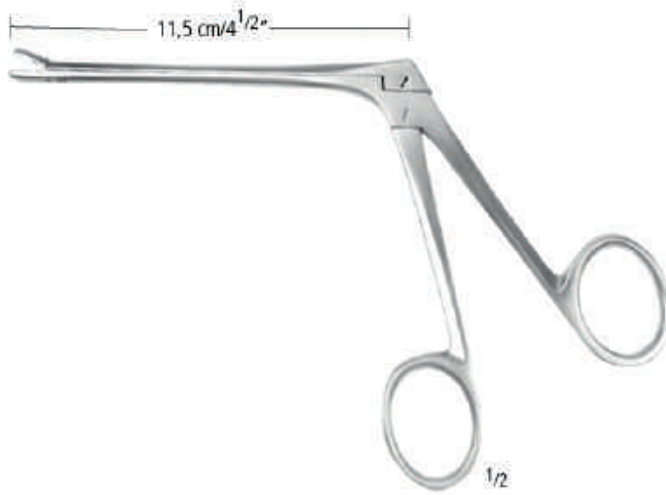


KO 240/01

KO 240/02

KO 240/03

Nasenzangen
Nasal Forceps
Pinzas para nariz
Pincès pour le nez
Pinze per il naso



ST. BARTHOLOMEW
3,0 mm
19,0 cm/7 1/2"



KO 245/00
straight



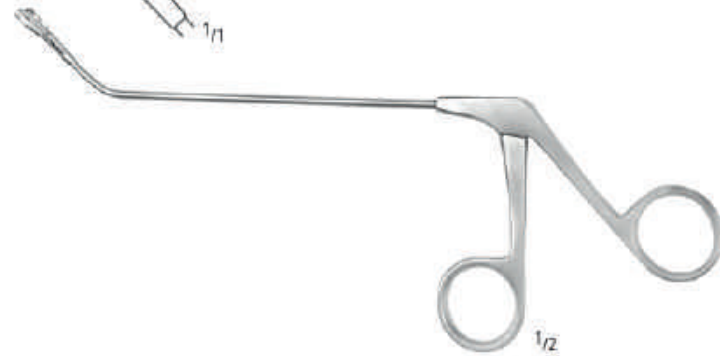
KO 245/01
140° up



KO 245/02
140° down



KAZANJIAN
KO 247/19
19,0 cm/7 1/2"



JATHO
KO 248/15
15,0 cm/6"

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KO NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Keilbeinstanzen
Sphenoid Punches
Pinzas para seno esfenoidal
Pincès pour sinus sphénoïdal
Pinze per seno sfenoidale



4 x 4 mm
KO 270/14



4 x 4 mm
KO 271/14



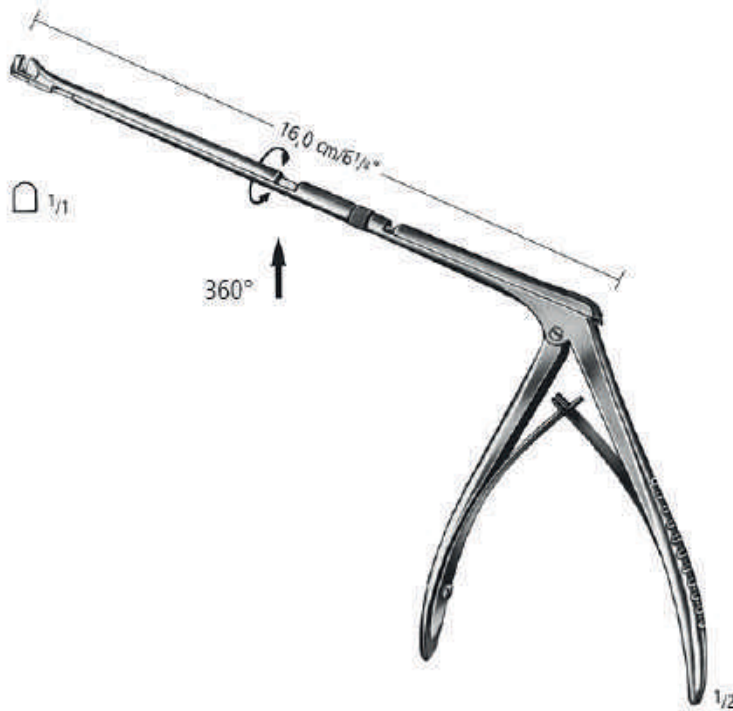
3,5 x 3,5 mm
KO 272/14



3,5 x 3,5 mm
KO 273/14



HAJEK-KOFFLER

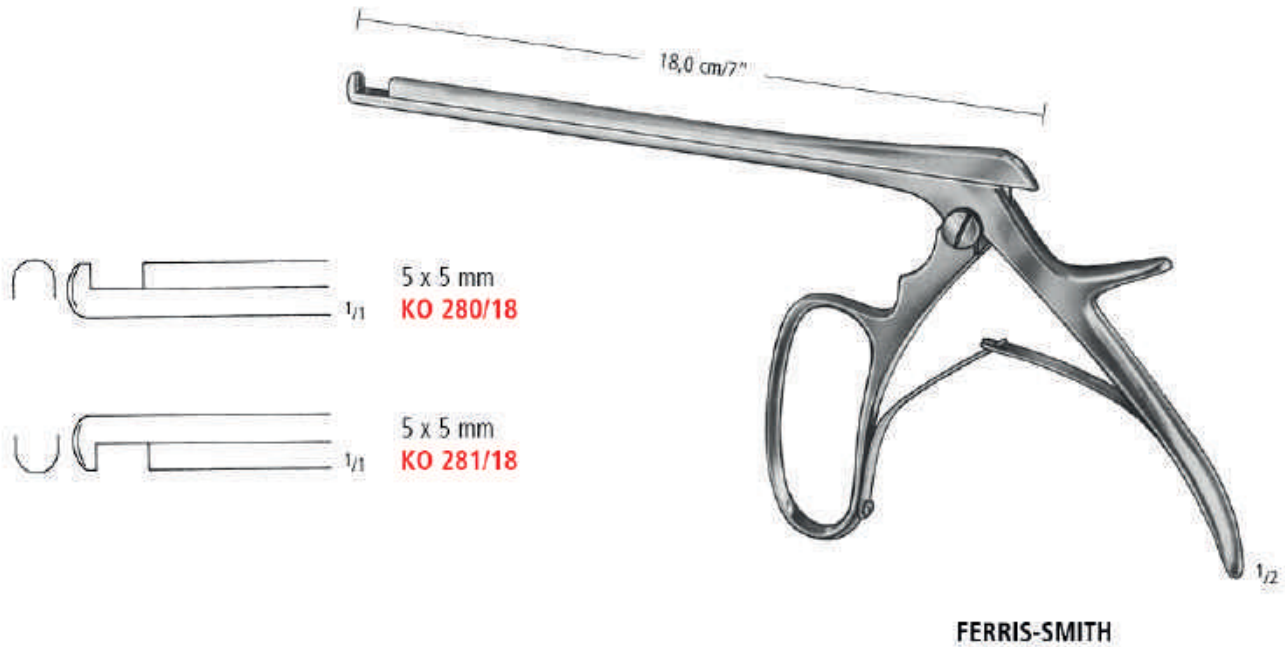


HAJEK-KOFFLER
KO 274/16



KERRISON

Keilbeinstanzen
 Sphenoid Punches
 Pinzas para seno esfenoidal
 Pinces pour sinus sphénoïdal
 Pinze per seno sfenoidale



FERRIS-SMITH

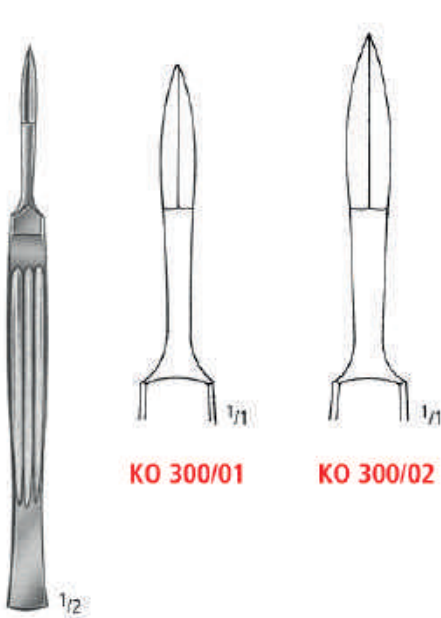


HAJEK-CLAUS
KO 285/20
 20,0 cm/8"

Weitere Stanzen in Gruppe KS.
 For further punches see section KS.
 Para otras pinzas cortantes ver sección KS.
 D'autres pinces coupantes voir groupe KS.
 Altre pinze taglienti vedi gruppo KS.

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Nasenplastik- und Operationsmesser
 Rhinoplastic and Nasal Knives
 Bisturles para operaciones de la nariz
 Bistouris pour opérations du nez
 Bisturi per operazioni nasali



KO 300/01

KO 300/02

JOSEPH
KO 300/01-KO 301/02
 14,5 cm/5³/₄"



FOMON
KO 304/16
 16,0 cm/6¹/₄"



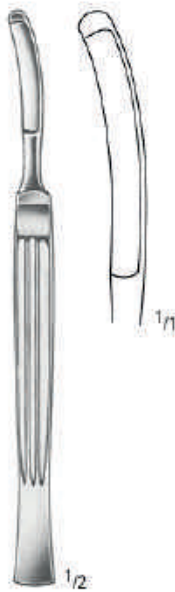
MASING
KO 305/13
 13,0 cm/5"



COTTLE
KO 306/15
 15,0 cm/6"



COTTLE
KO 307/15
 15,0 cm/6"



CONVERSE
KO 308/16
 16,0 cm/6¹/₄"



JOSEPH
KO 309/15
 15,0 cm/6"



FREER "D"
KO 310/01
 15,0 cm/6"



FREER
KO 310/03
 15,0 cm/6"



JOSEPH
KO 316/16
 16,5 cm/6¹/₂"

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Saug-Elevatoren, Spülkanülen, Septumnadel, Stirnhöhlen-Dilatator
 Aspirating Elevator, Irrigating Cannulas, Septum needle, Frontal Sinus Dilators
 Elevador aspirador, Cánulas irrigación, Agujas para Septum, Dilatadores para el seno frontal
 Élévateur aspirant, Canules à irrigation, Aiguilles pour Septum, Dilatateurs pour le sinus frontal
 Elevatore con aspirazione, Cannule per irrigazione, Aghi per Septum, Dilatatori per il seno frontale



FREER
KO 320/21
 21,0 cm/8 1/4"



GORNEY
KO 321/18
 18,0 cm/7"



NEGUS
KO 322/21
 21,0 cm/8 1/4"



PAULSEN
 18,0 cm/7 3/4"
 Ø 1,5 mm **KO 323/15**
 Ø 2,5 mm **KO 323/25**



GUILLEN
KO 324/20
 20,0 cm/8"



20,0 cm/8"
 Ø 4,0 mm **KO 325/40**
 Ø 5,0 mm **KO 325/50**



MYLES
 9,0 cm/3 1/2" **KO 326/09**
 11,5 cm/4 1/2" **KO 326/11**
 Silver



SEPTUM
KO 327/08
 Ø 0,8mm
 Luer



RITTER-HALLE
 2,5 mm **KO 328/25**
 3,0 mm **KO 328/30**
 4,0 mm **KO 328/40**
 5,0 mm **KO 328/50**

Sauginstrumente siehe Gruppe AO
 More suction instruments in chapter AO
 Para otras Tubos de aspiración ver sección AO
 D'autres canules d'aspiration groupe AO
 Altre cannule per aspirazione vedi gruppo AO

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 KYE
 X

Septummesser, Septum- und Periost-Elevatoren
 Septum Knives, Septum and Periosteal Elevators
 Bisturles para el tabique nasal y para el periostio, elevadores
 Bistouris pour la cloison et le périoste, élévateurs
 Bisturi per il setto ed il periostio, elevatori



BALLENGER
KO 330/03-05
 20,0 cm/8"



3,0 mm
KO 330/03
KO 331/03



4,0 mm
KO 330/04
KO 331/04



5,0 mm
KO 330/05
KO 331/05



BALLENGER
KO 331/03-05
 20,0 cm/8"



TRELAT
KO 333/14
 14,5 cm/ 5³/₄"



BALLENGER
 5,0 x 4,0 mm
KO 334/22
 22,0 cm/8³/₄"



ROGER
 4,5 x 4,5 mm
KO 335/19
 19,0 cm/7¹/₂"



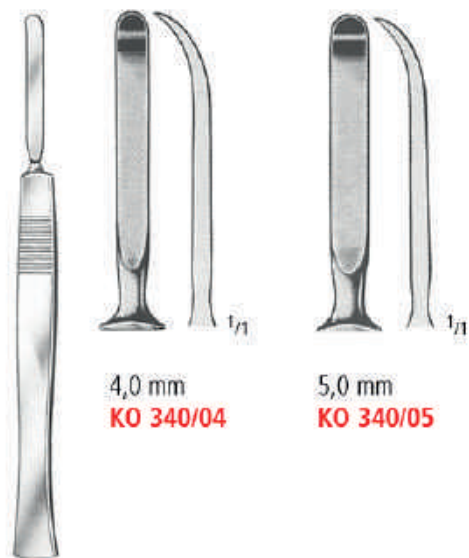
CARTER
KO 336/21
 21,0 cm/8¹/₄"



AUFRICHT
KO 338/17
 17,0 cm/6³/₄"

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Septum- und Periost-Elevatorien
 Septum and Periosteal Elevators
 Elevadores para el tabique nasal y para el periostio
 Élévateurs pour la cloison et le périoste
 Elevatori per il setto ed il periostio



4,0 mm
KO 340/04

5,0 mm
KO 340/05



HALLE
KO 342/16
 16,5 cm/6 1/2"



JOSEPH
KO 343/16
 16,0 cm/6 1/4"

McKENTY
 15,0 cm/6"



KO 344/19

scharf
 sharp
 cortante
 tranchant
 tagliente

KO 345/19

stumpf
 blunt
 romo
 mousse
 smusso

JOSEPH-MASING
KO 341/22
 21,0 cm/8 1/4"



FREER
KO 348/18
 18,0 cm/7"



COTTLE
KO 349/23
 23,0 cm/9"



McKENTY
KO 350/22
 22,0 cm/8 3/4"

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KO

Septum- und Periost-Elevatorien
 Septum and Periosteal Elevators
 Elevadores para el tabique nasal y para el periostio
 Élévateurs pour la cloison et le périoste
 Elevatori per il setto ed il periostio



COTTLE
KO 352/21
 21,0 cm/8¹/₄"



MASING
KO 353/21
 21,0 cm/8¹/₄"



HOWARTH
KO 354/21
 21,5 cm/8¹/₂"



KILLIAN
KO 355/18
 18,0 cm/7"



KILLIAN
KO 356/22
 22,0 cm/8³/₄"

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Instrumente zur Nasenplastik
 Rhinoplastic Instruments
 Instrumentos para la plástica nasal
 Instruments pour la plastique nasale
 Strumenti per la plastica nasale



**NOLST-TRENITÉ
 JOSEPH**
KO 357/20
 20,0 cm/8"



PIERCE
KO 358/21
 21,0 cm/8 1/4"



PENNINGTON
KO 359/21
 21,0 cm/8 1/4"



JOSEPH
 19,0 cm/7 1/2"



KO 362/00



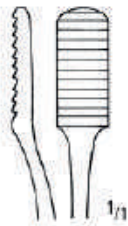
KO 362/01



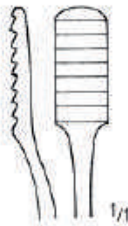
KO 362/02

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Nasenraspeln
Nasal Rasps
Escofinas nasal
Râpes nasale
Raspe nasali

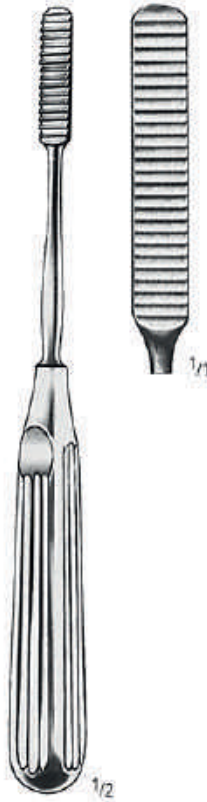


KO 365/01

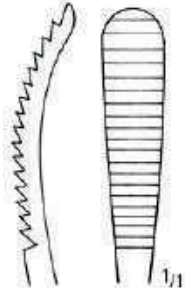


KO 365/02

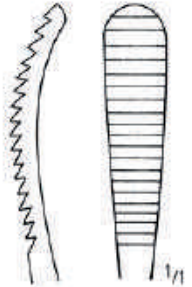
LEWIS
18,0 cm/7"



COTTLE
KO 366/21
21,0 cm/8¹/₄"



KO 367/01



KO 367/02

AUFRICHT
21,0 cm/8¹/₄"



MALTZ
KO 368/18
18,0 cm/7"



nopa[®]
TUE

AUFRICHT GLABELLA
KO 368/20
20,0 cm/8"



KO 369/01



KO 369/02

JOSEPH
16,0 cm/6¹/₄"



GALLAGHER
KO 370/00
16,0 cm/6¹/₄"

Nasenraspel
Nasal Rasps
Escofinas nasal
Râpes nasale
Raspe nasali



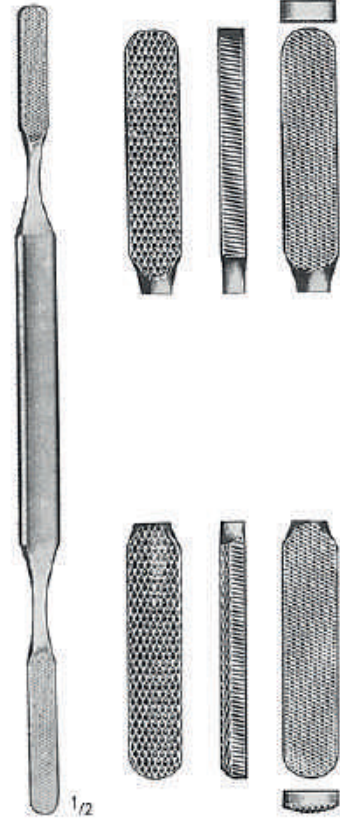
WIENER
18,0 cm/7"



KO 375/01



KO 375/02



FOMON
KO 377/21
21,0 cm/8¼"

nopa® DIAMOND



FOMON
KO 377/31
21,0 cm/8¼"



MASING
KO 378/21
21,0 cm/8¼"



MASING
KO 379/21
21,0 cm/8¼"

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Nasenraspel
Nasal Rasps
Escofinas nasal
Râpes nasale
Raspe nasali



Fig. 1
KO 380/01



Fig. 2
KO 380/02



Fig. 3
KO 380/03



Fig. 4
KO 380/04



Fig. 5
KO 380/05



MILLER-COLBURN
KO 380/01-05
19,0 cm/7 1/2"



Fig. 1
KO 381/01



Fig. 2
KO 381/02



Fig. 3
KO 381/03



Fig. 4
KO 381/04



Fig. 5
KO 381/05



MILLER-COLBURN
KO 381/01-05
19,0 cm/7 1/2"

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Nasenraspel
Nasal Rasps
Escofinas nasal
Râpes nasale
Raspe nasali



LEWIS
KO 390/01-02
18,0 cm/7"

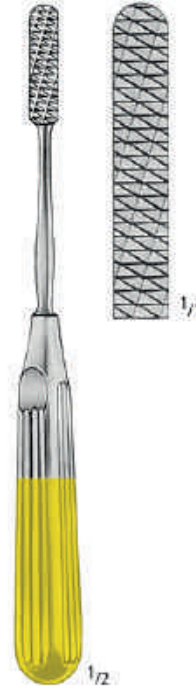


KO 390/01



KO 390/02

nopa®
TUC



COTTLE
KO 392/21
21,0 cm/8 1/4"



FOMON
KO 395/01-05
20,0 cm/8"



KO 395/01



KO 395/02



KO 395/03



KO 395/04



KO 395/05



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KO NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Feine Wundhaken
 Delicate Hooks
 Ganchos
 Crochets très fins
 Divaricatori sottili



JOSEPH
KO 400/01
 15,0 cm/6"



JOSEPH
 16,0 cm/6¹/₄"



KO 400/02
 2,0 mm



KO 400/05
 5,0 mm



KO 400/07
 7,0 mm



KO 400/10
 10,0 mm



COTTLE
KO 402/16
 16,0 cm/6¹/₄"



FOMON
KO 403/17
 17,0 cm/6³/₄"



LANGE
KO 404/22
 22,0 cm/8³/₄"



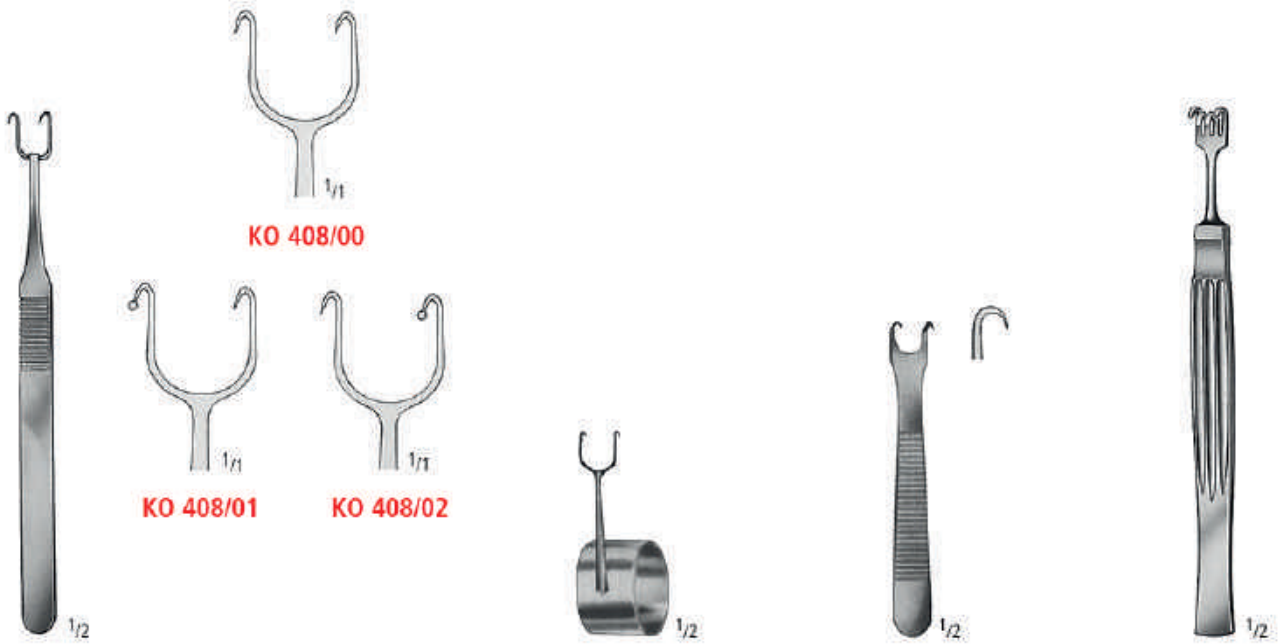
FOMON
KO 405/16
 16,0 cm/6¹/₄"



FREER
KO 406/15
 15,0 cm/6"

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Feine Wundhaken
 Delicate Hooks
 Ganchos
 Crochets très fins
 Divaricatori sottili



COTTLE
 14,0 cm/5½"

KO 408/00

KO 408/01

KO 408/02

COTTLE (MILLARD)
KO 409/00

KILNER
KO 410/10

COTTLE
KO 411/14
 14,0 cm/5½"



COTTLE-NEIVERT
KO 412/20
 20,0 cm/8"

CONVERSE
KO 413/12
 12,0 cm/4¾"

MASING
KO 414/20
 20,0 cm/8"

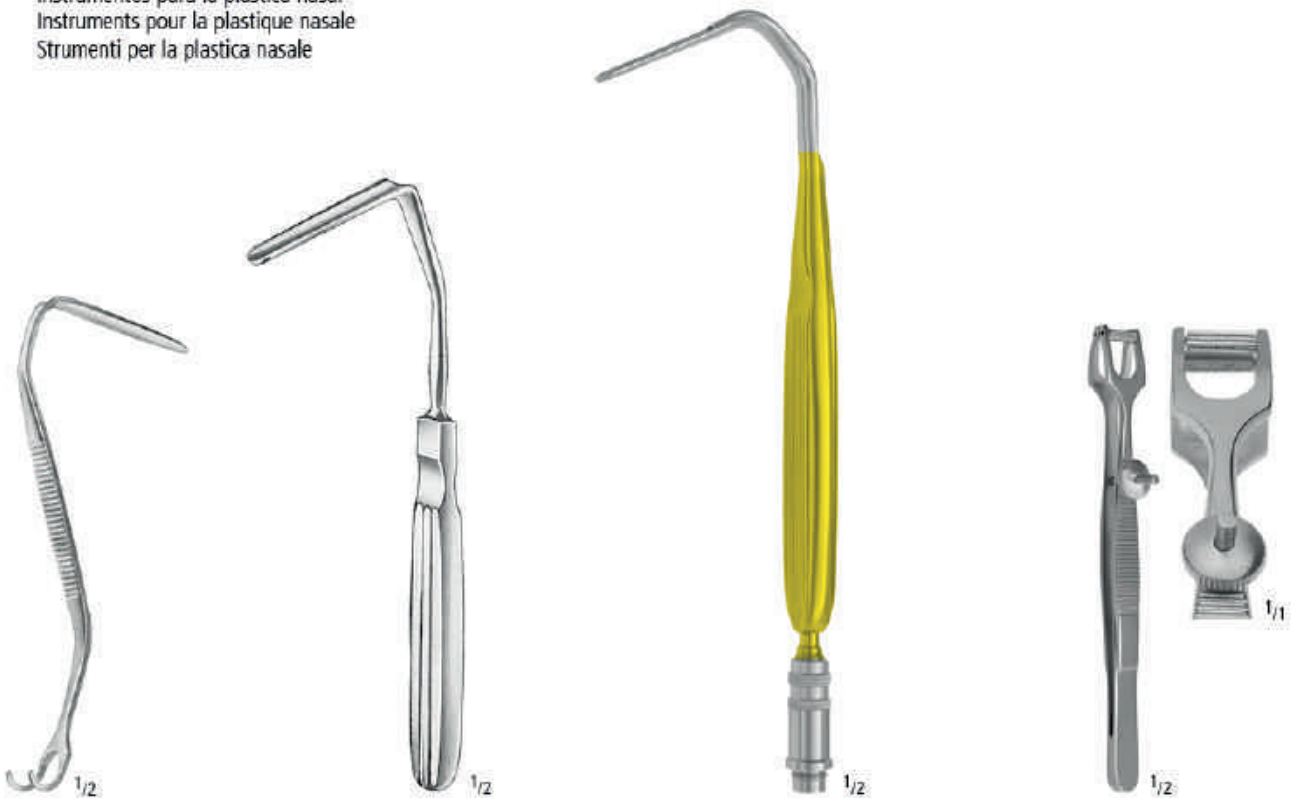
COTTLE
KO 415/15
 15,0 cm/6"

COTTLE
KO 416/15
 15,0 cm/6"

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KO

Instrumente zur Nasenplastik
 Rhinoplastic Instruments
 Instrumentos para la plástica nasal
 Instruments pour la plastique nasale
 Strumenti per la plastica nasale



AUFRICHT (WALTER)
KO 428/14
 13,5 cm/5¹/₄"

AUFRICHT
KO 430/45
 16,0 cm/6¹/₄"

AUFRICHT
KO 430/50
 mit Kaltlicht
 with fibre optic illumination

COTTLE
KO 435/11
 11,0 cm/4¹/₃"

9,0 mm



MC INDOE
KO 442/09
 15,0 cm/6"

10,0 mm



MC INDOE
KO 442/10
 15,0 cm/6"



BARSKY
KO 443/15
 15,0 cm/6"



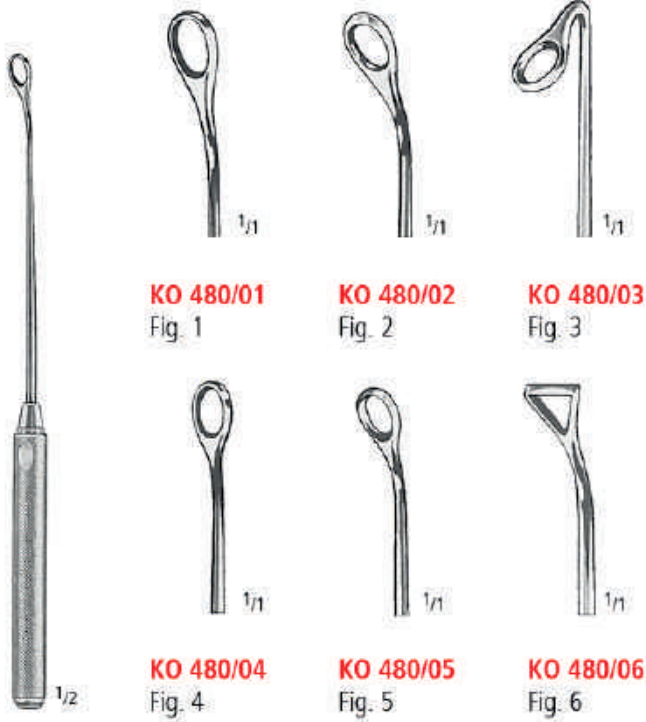
HUMBY
KO 444/12
 11,5 cm/4¹/₂"



CONVERSE
 9,0 cm/3¹/₂"
 9,5 x 18,00 mm **KO 445/18**
 12,5 x 28,0 mm **KO 445/28**
 13,5 x 41,0 mm **KO 445/41**
 13,5 x 53,0 mm **KO 445/53**

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Küretten, Löffel, Messer
 Sharp Currettes, Spoons, Knives
 Curetas cortantes, Cucharillas, Cuchillos
 Currettes tranchantes, Couteaux
 Curette taglienti, Cucchiari, Coltelli



KO 480/01
Fig. 1

KO 480/02
Fig. 2

KO 480/03
Fig. 3

KO 480/04
Fig. 4

KO 480/05
Fig. 5

KO 480/06
Fig. 6



COAKLEY
KO 481/19
19,0 cm/7 1/2"

FAULKNER
KO 482/21
21,0 cm/8 1/4"

MACKAY
KO 483/21
21,0 cm/8 1/4"
2,5 x 5,0 mm

COAKLEY
KO 480/01-06
17,0 cm/6 3/4"



SEWALL
KO 485/20
20,0 cm/8"

PRATT
KO 486/21
21,0 cm/8 1/4"

MACKAY
KO 489/21
21,0 cm/8 1/4"

KO 490/20
20,0 cm/8"

KUHN-BOLGER
55°
KO 492/55
19,0 cm/7 1/2"

KUHN-BOLGER
90°
KO 492/90
19,0 cm/7 1/2"

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KO NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Küretten, Löffel, Flach- und Hohlmeißel
 Sharp Currettes, Spoons, Chisels and Gouges
 Curetas cortantes, Cucharillas, Cinceles y Gubias
 Curettes tranchantes, Ciseaux-burins et Gouges
 Curette taglienti, Cucchiari, Scalpelli e Sgorbie



UFFENDORDE
KO 493/21
 21,0 cm/8¹/₄"



UFFENDORDE
KO 494/21
 21,0 cm/8¹/₄"



HALLE
KO 495/21
 21,0 cm/8¹/₄"



FREER
KO 602/04
 16,0 cm/6¹/₄"



FREER
KO 603/04
 16,0 cm/6¹/₄"



WEST
KO 604/04
 16,0 cm/6¹/₄"



WEST
KO 605/04
 16,0 cm/6¹/₄"



FREER
KO 606/06
 15,0 cm/6"



BALLENGER
 16,0 cm/6¹/₄"



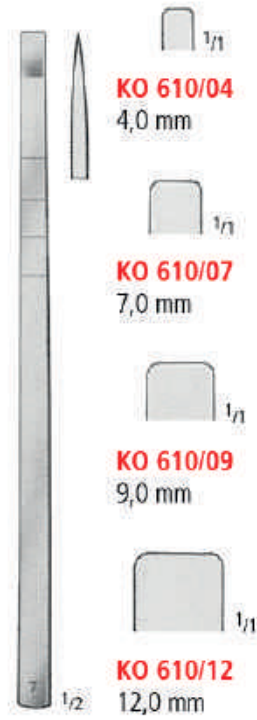
KILLIAN
KO 608/05
 17,0 cm/6³/₄"



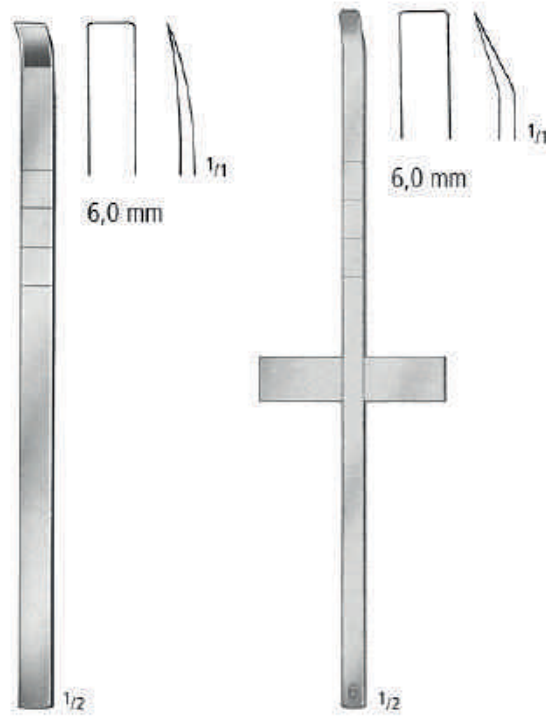
KILLIAN-CLAUS
KO 609/05
 17,0 cm/6³/₄"

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

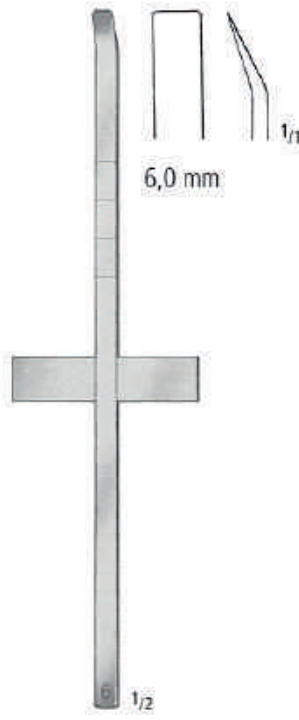
Osteotome und Flachmeißel
 Osteotomes and Chisels
 Osteótomos y Cinceles
 Ostéotomes et Ciseaux-burins
 Osteotomi e Scalpelli



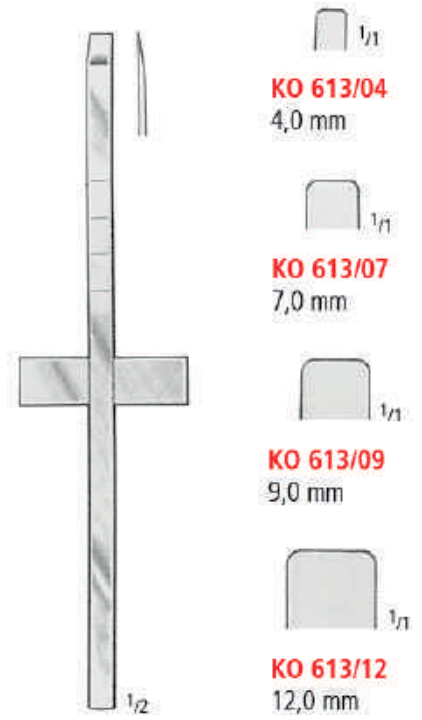
COTTLE
18,0 cm/7"



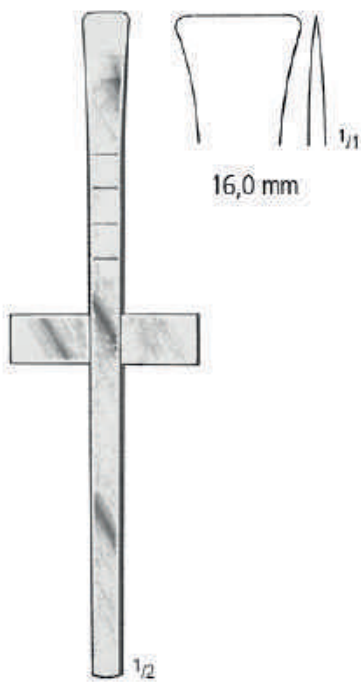
COTTLE
KO 611/06
18,0 cm/7"



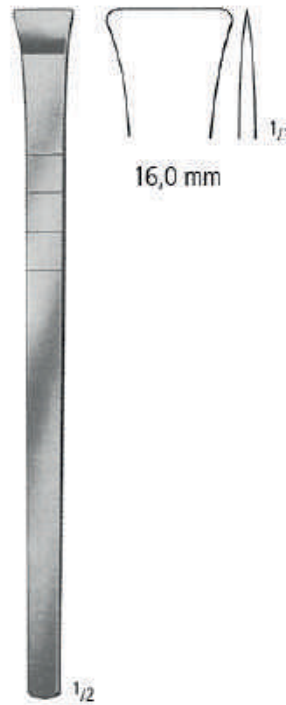
COTTLE
KO 612/06
18,0 cm/7"



COTTLE
18,0 cm/7"



COTTLE
KO 614/16
18,0 cm/7"



COTTLE
KO 615/16
18,0 cm/7"



KO 617/02
18,0 cm/7"

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Osteotome
Osteotomes
Osteótomos
Ostéotomes
Osteotomi



KO 618/20
2,0 mm



KO 618/25
2,5 mm



KO 619/22
2,2 mm



KO 619/30
3,0 mm



KO 618/30
3,0 mm



KO 618/40
4,0 mm

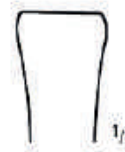


KO 619/40
4,0 mm

**NOLST-TRENITÉ
MIKRO-OSTEOTOM**
18,0 cm/7"



KO 620/10
10,0 mm



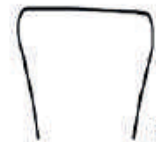
KO 620/12
12,0 mm



KO 620/14
14,0 mm



KO 620/16
16,0 mm






























KO 620/18
18,0 mm

**NOLST-TRENITÉ
OSTEOTOM**
18,0 cm/7"

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Osteotome und Flachmeißel
 Osteotomes and Chisels
 Osteótomos y Cinceles
 Ostéotomes et Ciseaux-burins
 Osteotomi e Scalpelli

							
KO 635/03 3,0 mm	KO 635/04 4,5 mm	WALTER 19,0 cm/7 1/2"	KO 636/03 3,0 mm	KO 636/04 4,0 mm		KO 637/07 7,0 mm	KO 637/08 8,0 mm
							
			KO 636/07 7,0 mm	KO 636/09 9,0 mm		KO 637/10 10,0 mm	KO 637/12 12,0 mm
							
			KO 636/12 12,0 mm		SHEEHAN 17,0 cm/6 3/4"		
							
RUBIN 18,0 cm/7"	KO 638/10 10,0 mm	FOMON 17,0 cm/6 3/4"	KO 639/04 4,0 mm	KO 639/05 5,0 mm		KO 640/10 10,0 mm	KO 640/12 12,0 mm
							
	KO 638/12 12,0 mm		KO 639/06 6,0 mm	KO 639/07 7,0 mm		KO 640/14 14,0 mm	KO 640/16 16,0 mm
							
	KO 638/14 14,0 mm						

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Osteotome und Flachmeißel
 Osteotomes and Chisels
 Osteótomos y Cinceles
 Ostéotomes et Ciseaux-burins
 Osteotomi e Scalpelli



MASING
KO 643/00
 17,5 cm/7"



MASING
KO 643/01
 17,5 cm/7"



MASING
KO 643/02
 17,5 cm/7"



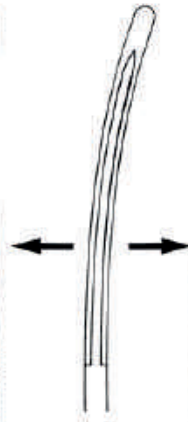
SILVER
KO 644/00
 18,0 cm/7"



SILVER
KO 644/01
 18,0 cm/7"



SILVER
KO 644/02
 18,0 cm/7"



NEIVERT
KO 645/00
 20,0 cm/8"



ANDERSON-NEIVERT
KO 645/01
 20,0 cm/8"



ANDERSON-NEIVERT
KO 645/02
 20,0 cm/8"



CONVERSE
KO 646/01



CONVERSE
KO 646/02



OBWEGESER
KO 647/02
 18,5 cm/7 1/3"

CONVERSE
KO 646/00
 19,0 cm/7 1/2"

Ringmesser
 Adenoid Currettes
 Cuchillos para vegetaciones adenoides
 Couteaux à végétations adénoïdes
 Coltelli per vegetazioni adenoidee



**KO 700/00
 KO 701/00**



**KO 700/01
 KO 701/01**



**KO 700/02
 KO 701/02**



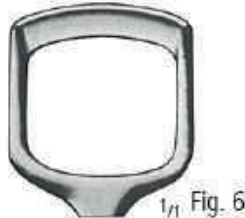
**KO 700/03
 KO 701/03**



**KO 700/04
 KO 701/04**



**KO 700/05
 KO 701/05**



**KO 700/06
 KO 701/06**



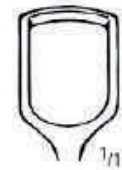
**BECKMANN
 KO 700/01-06
 22,0 cm/8³/₄"**



**BECKMANN (NEGUS)
 KO 701/01-06
 22,0 cm/8³/₄"**



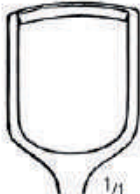
**BARNHILL
 KO 702/01-04
 22,0 cm/8³/₄"**



KO 702/01



KO 702/02



KO 702/03



KO 702/04

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Ringmesser, Tonsillotome
 Adenoid Currettes, Adenotomes
 Cuchillos para vegetaciones adenoides, Adenótomos
 Couteaux à végétations adénoïdes, Adénotomes
 Coltelli per vegetazioni adenoidee, Adenotomi



KO 705/01



KO 705/02



KO 705/03



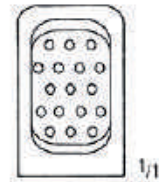
KO 705/04



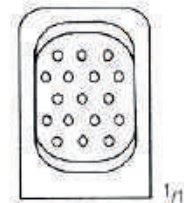
ST. CLAIR-THOMPSON
KO 705/01-04
 21,0 cm/8¹/₄"



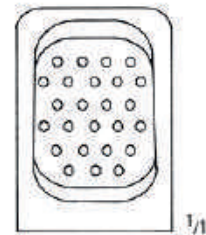
LA FORCE
 25,0 cm/10"



1/1



1/1



1/1

mit gelochter Klinge
 with perforated blade
 con hoja perforada
 à lame perforée
 con lama perforata

Fig. 1 **KO 712/01**
 Fig. 2 **KO 712/02**
 Fig. 3 **KO 712/03**

Ersatzklingen
 Spare blades
 Hojas repuesto
 Lames de rechange
 Lami da ricambio

Fig. 1 **KO 713/01**
 Fig. 2 **KO 713/02**
 Fig. 3 **KO 713/03**

Septumrichtzangen
 Septum Straightening Forceps
 Pinzas para enderezar el tabique nasal
 Pinces pour la cloison nasale
 Pinze per raddrizzare il setto nasale



ASCH
KO 750/23
 23,0 cm/9"



WALSHAM
 23,0 cm/9"



KO 751/00



KO 751/01



KO 751/02

AA
 AB
 AC
 AD
 AE
 AF
 AK
 AL
 AO
 AP
 AR
 KA
 KL
 KM
 KU
 KYE
 X

KO

Instrumente zur Nasenplastik
 Rhinoplastic Instruments
 Instrumentos para la plástica nasal
 Instruments pour la plastique nasale
 Strumenti per la plastica nasale



RUBIN
KO 753/20
 20,0 cm/8"



KRESSNER
 20,0 cm/8"



KO 754/60
 2,5 x 60 mm



KO 754/70
 4 x 70 mm



KO 754/75
 5 x 75 mm

Knorpelquetscher
 Cartilage crusher
 Trituradora de sustancia cartilaginosa
 Presse pour matière cartilagineuse
 Trita cartilagine



COTTLE
KO 756/00



BOIES
KO 757/18
 18,0 cm/7"



GOLDMANN
KO 758/20
 20,0 cm/8"

Hämmer
Mallets
Martillos
Maillets
Martelli



Ø 25,0 mm
140 g

mit auswechselbaren Backen
with interchangeable discs
con tapas intercambiables
avec plaques interchangeables
con placche intercambiabili

1/2

KO 800/18
18,0 cm/7"

KO 800/99

Ferrozellbacken allein, paarweise
Ferrozell Faces only, pair
Tapas de Ferrozell sueltas, par
Plaques en Ferrozell seules, paire
Placche in Ferrozell sole, a paia



Ø 30,0 mm
240 g

1/2

COTTLE
KO 801/19
19,0 cm/7 1/2"



Ø 25,0 mm
320 g

mit auswechselbaren Backen
with interchangeable discs
con tapas intercambiables
avec plaques interchangeables
con placche intercambiabili

1/2

KA 556/32
18,0 cm/7"

KA 556/99

Nylonbacken allein, paarweise
Nylon Faces only, pair
Tapas de Nylon sueltas, par
Plaques en Nylon seules, paire
Placche in Nylon sole, a paia

Weitere Hämmer siehe Gruppe KA
More Mallets in chapter KA
Para otras Martillos ver seccion KA
D'autres Maillets groupe KA
Altre Martelli vedi gruppo KA

AA
AB
AC
AD
AE
AF
AK
AL
AO
AP
AR
KA
KL
KM
KO
KU
KYE
X

Wundhaken
 Retractors
 Separadores
 Ecarteurs
 Divaricatori



BRUENINGS-BRUNK
KO 820/19
 19,0 cm/7½"



SCHÄFER
KO 821/23
 23,0 cm/9"

Weitere Wundhaken siehe Gruppe AK
 More Retractors in chapter AK
 Para otras Separadores ver seccion AK
 D'autres Ecarteurs groupe AK
 Altre Divaricatori vedi gruppo AK

VERSCHIEDENES
VARIOUS ITEMS
DIVERSOS ARTICULOS
ARTICLES DIVERS
ARTICOLI DIVERSI

KU

nopa[®] instruments

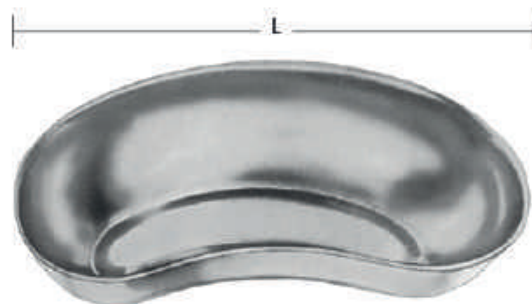




Ø x h

40 x 19 mm	0,05 l	KU 300/04
61 x 30 mm	0,07 l	KU 300/06
80 x 40 mm	0,14 l	KU 300/08
116 x 50 mm	0,35 l	KU 300/11
128 x 55 mm	0,45 l	KU 300/12
147 x 65 mm	0,70 l	KU 300/14

KU 301/01	= 0,25 l
KU 301/02	= 0,50 l
KU 301/03	= 1,00 l
KU 301/04	= 2,00 l



L = 170 mm	KU 302/17
L = 200 mm	KU 302/20
L = 250 mm	KU 302/25
L = 275 mm	KU 302/27



KU 303/65

KU 303/00
Ø = 65 mm



KU 304/50 = 50 x 25 x 4,5 mm
KU 304/65 = 65 x 42 x 8,0 mm
KU 304/75 = 75 x 25 x 4,5 mm



KU 306/15 = 150 x 95 x 13 mm

AA
AB
AC
AD
AE
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AK
AL
AO
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AR
KA
KL
KM
KO
KYE
X

KU



l x b x h

230 x 155 x 30 mm

KU 307/23

300 x 175 x 30 mm

KU 307/30

300 x 175 x 40 mm

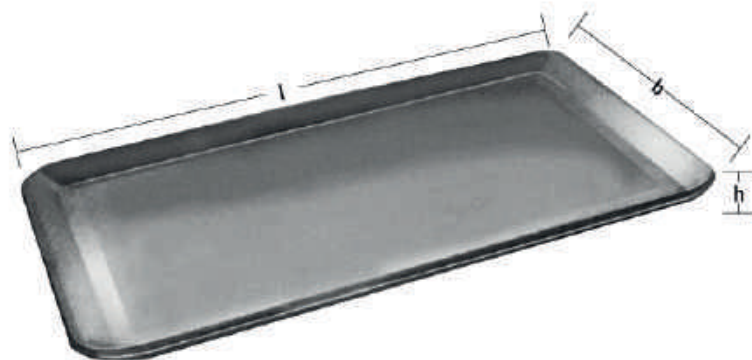
KU 308/30

350 x 240 x 36 mm

KU 308/35

400 x 300 x 50 mm

KU 308/50



l x b x h

210 x 160 x 10 mm

KU 309/21

240 x 180 x 10 mm

KU 309/24

310 x 150 x 10 mm

KU 309/31

310 x 210 x 10 mm

KU 310/31

350 x 240 x 10 mm

KU 310/35

400 x 270 x 20 mm

KU 310/40

420 x 280 x 10 mm

KU 310/42



Ø x h	l	
165 x 60 mm	0,75	KU 311/16
175 x 70 mm	1,00	KU 311/17
220 x 80 mm	2,00	KU 311/22
225 x 90 mm	2,50	KU 311/23
240 x 110 mm	3,00	KU 311/24
275 x 115 mm	4,50	KU 311/27
290 x 125 mm	6,00	KU 311/29
310 x 120 mm	6,00	KU 311/31
345 x 125 mm	8,50	KU 311/34
380 x 130 mm	11,00	KU 311/38



l x b x h	
16,5 x 9,0 x 3,5 cm	KU 312/16
20,0 x 10,0 x 5,0 cm	KU 312/20
22,0 x 15,0 x 5,0 cm	KU 312/22
26,0 x 15,0 x 5,0 cm	KU 312/26
30,5 x 20,5 x 5,0 cm	KU 312/30



Ø x h	
30 x 90 mm	KU 314/09
50 x 100 mm	KU 314/10
50 x 130 mm	KU 314/13
50 x 175 mm	KU 314/17
75 x 100 mm	KU 315/10
75 x 130 mm	KU 315/13
75 x 175 mm	KU 315/17

AA

AB

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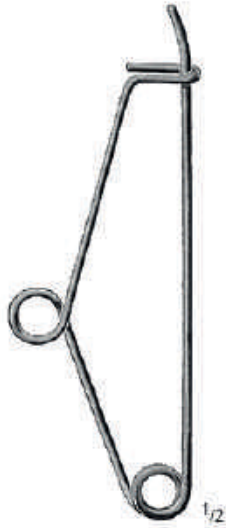
KU

KYE

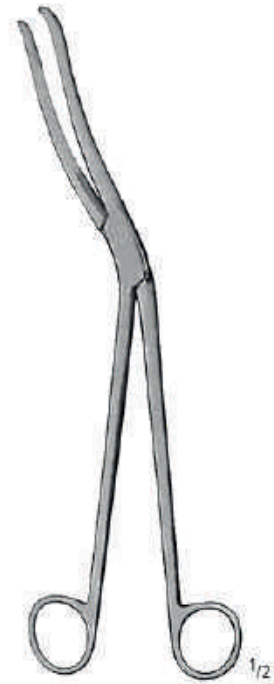
X



MAYO
KU 318/14
14,0 cm/5¹/₂"



MAYO
KU 320/14
14,0 cm/5¹/₂"



CHEATE
KU 321/27
27,0 cm/10¹/₂"



ROGGE
KU 322/23
23,0 cm/9"



PYE-SMITH (HARRISON)
KU 323/25 25,0 cm/10"
KU 323/30 30,0 cm/12"



KU 325/18
18,0 cm/7"

container system
container system
sistema de contenedor
système de conteneur
sistema del contenitore

KYE

nopa[®] instruments

Unser komplettes Container Programm finden Sie in unserem Katalog „Container System“.

For our complete range of sterilizing containers kindly refer to our catalogue „Container system“.

Para nuestro gama completa de contenedores, por favor consulte nuestro catálogo de „Sistema de contenedor“.

Pour notre gamme complet des conteneurs, consultez notre catalogue „Système de conteneur“.

Per nostro assortimento completo di contenitore, consultare il nostro catalogo „Sistema del Contenitore“.



COLOR SAMPLE BOARD



Erklärung zu unseren Symbolen • Explanation of our symbols • Explicación de nuestros símbolos
 • Explication de nos figures • Spiegazione dei nostri simboli

Wanne • Bottom • Fondo • Fond • Fondo



Wanne nicht gelocht
 Bottom not perforated
 Fondo no perforado
 Fond non poinçonné
 Fondo non perforato



Wanne gelocht
 Bottom perforated
 Fondo perforado
 Fond poinçonné
 Fondo perforato

Deckel • Lid • Tapa • Couvercle • Coperchio



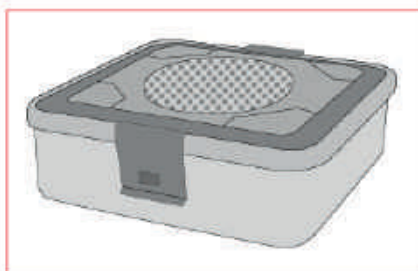
Deckel gelocht
 Lid perforated
 Tapa perforada
 Couvercle poinçonné
 Coperchio perforato



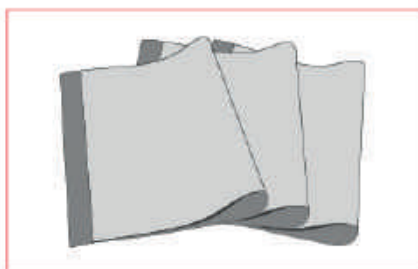
Sicherheitsdeckel
 Safety lid
 Tapa de seguridad
 Couvercle de sécurité
 Coperchio di sicurezza



Deckel nicht gelocht
 Lid not perforated
 Tapa no perforada
 Couvercle non poinçonné
 Coperchio non perforato



Zur Verwendung mit Sterilisationscontainern
 For use with sterilization containers
 Por uso con contenedores de esterilización
 Pour l'usage avec des conteneurs de stérilisation
 Per l'uso con contenitori di sterilizzazione



Zur Verwendung mit Weichverpackung
 For the use with soft packaging materials
 Por uso con envase blando
 Pour l'usage avec des emballages mous
 Per l'uso con imballaggio blando

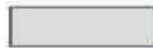
1/2
Container



Deckel gelocht, allein
Lid perforated, only
Tapa perforada, suelta
Couvercle poinçonné, seul
Coperchio perforato, solo



L(mm) **B(mm)**
285 280



KYE 280/01



KYE 280/02



KYE 280/03



KYE 280/04



KYE 280/05



Sicherheitsdeckel alleine, nur zur Verwendung mit Deckel gelocht
Safety lid only, only for use with lid perforated
Tapa de seguridad suelta, sólo para uso con tapa perforada
Couvercle de sécurité seul, utilisation uniquement avec couvercle poinçonné
Coperchio di sicurezza solo, solo per uso con coperchio perforato



L(mm) **B(mm)**
285 280



KYE 281/01



KYE 281/02



KYE 281/03



KYE 281/04



KYE 281/05



Deckel nicht gelocht, allein
Lid not perforated, only
Tapa no perforada, suelta
Couvercle non poinçonné, seul
Coperchio non perforato, solo



L(mm) **B(mm)**
285 280



KYE 289/01



KYE 289/02



KYE 289/03



KYE 289/04



KYE 289/05

Bestellinformation: Wanne + Deckel
 Order information: Bottom + Lid
 Información de pedido: Fondo + Tapa
 Information de commande: Fond + Couvercle
 Informazione dell'ordine: Fondo + Coperchio

1/2
Container

KYE
 SK
 KYE
 SK
 KYE
 SK
 SU



Wanne gelocht, allein
 Bottom perforated, only
 Fondo perforado, suelto
 Fond poinçonné, seul
 Fondo perforato, solo



Wanne nicht gelocht, allein
 Bottom not perforated, only
 Fondo no perforado, suelto
 Fond non poinçonné, seul
 Fondo non perforato, solo

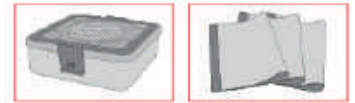


L(mm)	B(mm)	H(mm)	
285	280	100	KYE 284/10
285	280	135	KYE 284/13
285	280	150	KYE 284/15
285	280	200	KYE 284/20
285	280	260	KYE 284/26

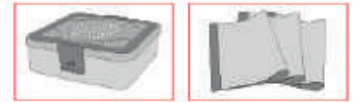
L(mm)	B(mm)	H(mm)	
285	280	100	KYE 286/10
285	280	135	KYE 286/13
285	280	150	KYE 286/15
285	280	200	KYE 286/20
285	280	260	KYE 286/26



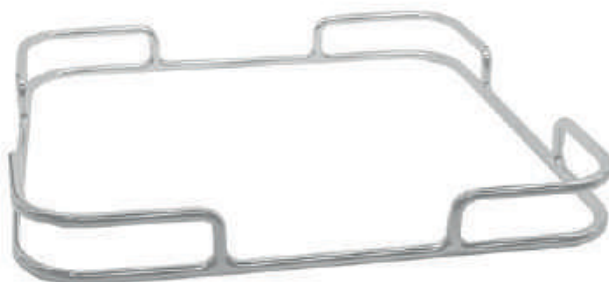
L(mm)	B(mm)	H(mm)	
255	245	30	SK 105/03
255	245	50	SK 105/05
255	245	60	SK 105/06
255	245	70	SK 105/07
255	245	100	SK 105/10



L(mm)	B(mm)	
255	245	SK 105/50



L(mm)	B(mm)	
255	255	SK 105/61



L(mm)	B(mm)	H(mm)	
255	255	30	SK 105/62





L(mm)	B(mm)	H(mm)	
255	245	130	SK 105/71
255	245	180	SK 105/72
255	245	230	SK 105/73



Lochblechsiebkorb
Perforated steel basket
Cestilla de acero perforado
Panier d'acier poinçonné
Cestello d'acciaio perforato



L(mm)	B(mm)	H(mm)	
255	245	50	SK 110/05
255	245	60	SK 110/06
255	245	70	SK 110/07
255	245	100	SK 110/10



Siebdeckel
Top for basket
Tapa para cestilla
Couvercle pour panier
Coperchio per cestello



L(mm)	B(mm)	
255	245	SK 110/50



3/4
Container



Deckel gelocht, allein
Lid perforated, only
Tapa perforada, suelta
Couvercle poinçonné, seul
Coperchio perforato, solo



L(mm) **B(mm)**
465 280



KYE 280/61



KYE 280/62



KYE 280/63



KYE 280/64



KYE 280/65



Sicherheitsdeckel alleine, nur zur Verwendung mit Deckel gelocht
Safety lid only, only for use with lid perforated
Tapa de seguridad suelta, sólo para uso con tapa perforada
Couvercle de sécurité seul, utilisation uniquement avec couvercle poinçonné
Coperchio di sicurezza solo, solo per uso con coperchio perforato



L(mm) **B(mm)**
465 280



KYE 281/61



KYE 281/62



KYE 281/63



KYE 281/64



KYE 281/65



Deckel nicht gelocht, allein
Lid not perforated, only
Tapa no perforada, suelta
Couvercle non poinçonné, seul
Coperchio non perforato, solo



L(mm) **B(mm)**
465 280



KYE 289/61



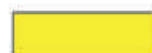
KYE 289/62



KYE 289/63



KYE 289/64



KYE 289/65

Bestellinformation: Wanne + Deckel
 Order information: Bottom + Lid
 Información de pedido: Fondo + Tapa
 Information de commande: Fond + Couvercle
 Informazione dell'ordine: Fondo + Coperchio

3/4
Container

KYE
 SK
KYE
 SK
 KYE
 SK
 SU



Wanne gelocht, allein
 Bottom perforated, only
 Fondo perforado, suelto
 Fond poinçonné, seul
 Fondo perforato, solo



Wanne nicht gelocht, allein
 Bottom not perforated, only
 Fondo no perforado, suelto
 Fond non poinçonné, seul
 Fondo non perforato, solo

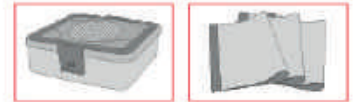


L(mm)	B(mm)	H(mm)	
465	280	100	KYE 282/10
465	280	135	KYE 282/13
465	280	150	KYE 282/15

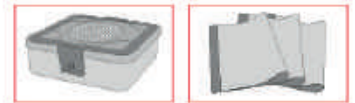
L(mm)	B(mm)	H(mm)	
465	280	100	KYE 283/10
465	280	135	KYE 283/13
465	280	150	KYE 283/15



L(mm)	B(mm)	H(mm)	
405	255	30	SK 205/03
405	255	50	SK 205/05
405	255	60	SK 205/06
405	255	70	SK 205/07
405	255	100	SK 205/10



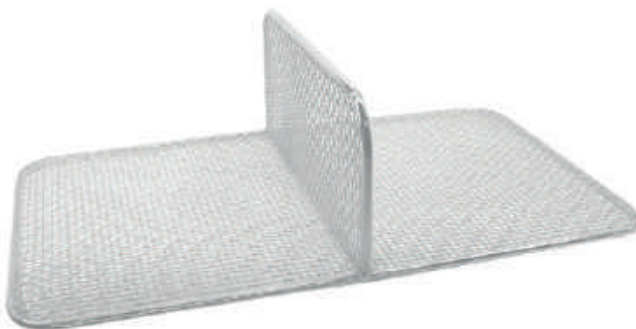
L(mm)	B(mm)	
405	255	SK 205/50



L(mm)	B(mm)	
405	255	SK 205/61

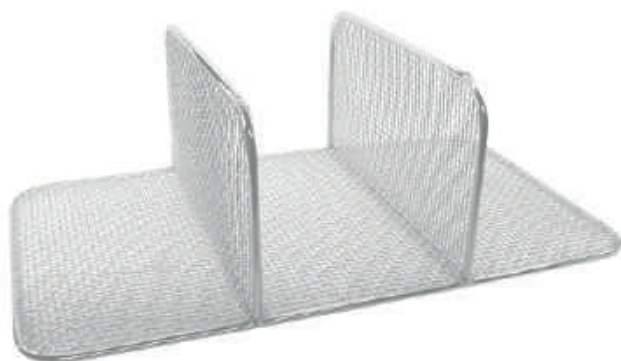


L(mm)	B(mm)	H(mm)	
405	255	30	SK 205/62



L(mm)	B(mm)	H(mm)	
405	250	130	SK 205/71





L(mm) B(mm) H(mm)

405 250 130 **SK 205/72**



KYE

SK

KYE

SK

KYE

SK

SU



Lochblechsiebkorb
Perforated steel basket
Cestilla de acero perforado
Panier d'acier poinçonné
Cestello d'acciaio perforato



L(mm) B(mm) H(mm)

410 250 50 **SK 210/05**
410 250 60 **SK 210/06**
410 250 70 **SK 210/07**
410 250 100 **SK 210/10**



Siebdeckel
Top for basket
Tapa para cestilla
Couvercle pour panier
Coperchio per cestello



L(mm) B(mm)

410 250 **SK 210/50**



1/1
Container

Deckel gelocht, allein
Lid perforated, only
Tapa perforada, suelta
Couvercle poinçonné, seul
Coperchio perforato, solo



L(mm) **B(mm)**
580 280



KYE 280/51



KYE 280/52



KYE 280/53



KYE 280/54

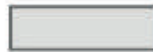


KYE 280/55

Sicherheitsdeckel alleine, nur zur Verwendung mit Deckel gelocht
Safety lid only, only for use with lid perforated
Tapa de seguridad suelta, sólo para uso con tapa perforada
Couvercle de sécurité seul, utilisation uniquement avec couvercle poinçonné
Coperchio di sicurezza solo, solo per uso con coperchio perforato



L(mm) **B(mm)**
580 280



KYE 281/51



KYE 281/52



KYE 281/53



KYE 281/54



KYE 281/55

Deckel nicht gelocht, allein
Lid not perforated, only
Tapa no perforada, suelta
Couvercle non poinçonné, seul
Coperchio non perforato, solo



L(mm) **B(mm)**
580 280



KYE 289/51



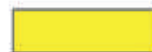
KYE 289/52



KYE 289/53



KYE 289/54



KYE 289/55

Bestellinformation: Wanne + Deckel
 Order information: Bottom + Lid
 Información de pedido: Fondo + Tapa
 Information de commande: Fond + Couvercle
 Informazione dell'ordine: Fondo + Coperchio

1/1
Container

KYE
 SK
 KYE
 SK
KYE
 SK
 SU



Wanne gelocht, allein
 Bottom perforated, only
 Fondo perforado, suelto
 Fond poinçonné, seul
 Fondo perforato, solo

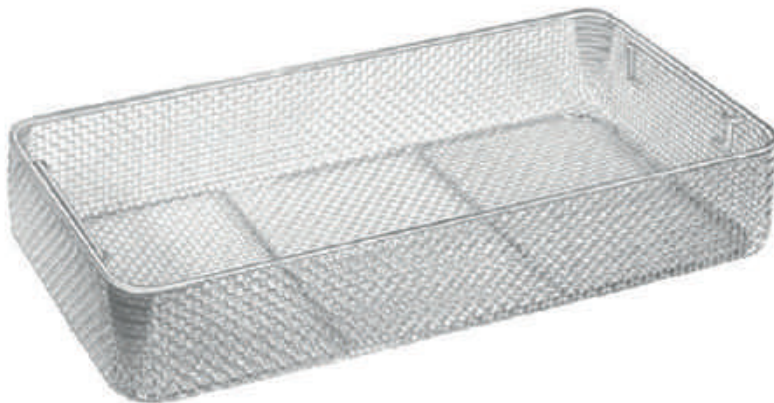


Wanne nicht gelocht, allein
 Bottom not perforated, only
 Fondo no perforado, suelto
 Fond non poinçonné, seul
 Fondo non perforato, solo

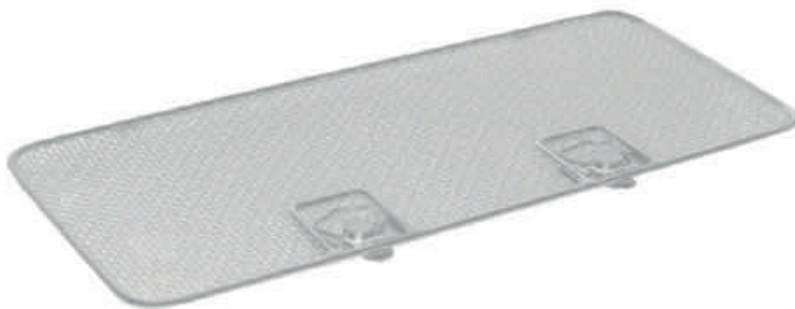


L(mm)	B(mm)	H(mm)	
580	280	100	KYE 285/10
580	280	135	KYE 285/13
580	280	150	KYE 285/15
580	280	200	KYE 285/20
580	280	260	KYE 285/26

L(mm)	B(mm)	H(mm)	
580	280	100	KYE 287/10
580	280	135	KYE 287/13
580	280	150	KYE 287/15
580	280	200	KYE 287/20
580	280	260	KYE 287/26



L(mm)	B(mm)	H(mm)	
485	255	30	SK 305/03
485	255	50	SK 305/05
485	255	60	SK 305/06
485	255	70	SK 305/07
485	255	100	SK 305/10
540	255	30	SK 307/03
540	255	50	SK 307/05
540	255	60	SK 307/06
540	255	70	SK 307/07
540	255	100	SK 307/10



L(mm)	B(mm)	
485	255	SK 305/50
540	255	SK 307/50



KYE

SK

KYE

SK

KYE

SK

SU



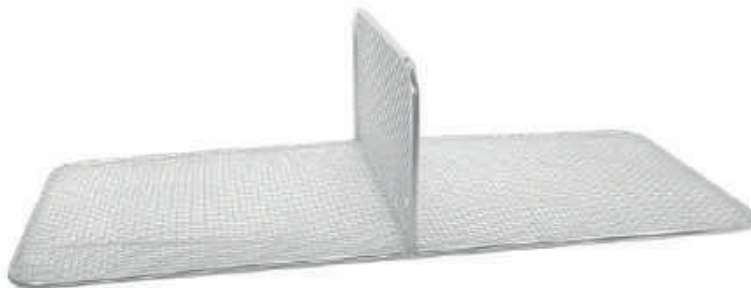
L(mm)	B(mm)
545	255

SK 307/61



L(mm)	B(mm)	H(mm)
545	255	30

SK 307/62

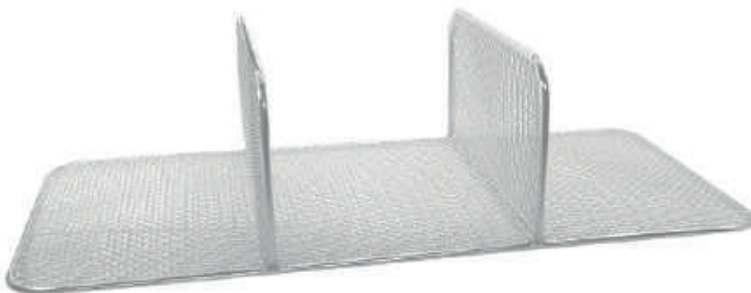


L(mm)	B(mm)	H(mm)
510	250	130
510	250	180
510	250	230

SK 307/71

SK 307/75

SK 307/76



L(mm)	B(mm)	H(mm)
510	250	130
510	250	180
510	230	230

SK 307/72

SK 307/78

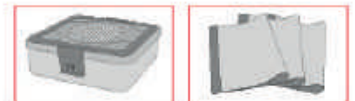
SK 307/79



Lochblechsiebkorb
 Perforated steel basket
 Cestilla de acero perforado
 Panier d'acier poinçonné
 Cestello d'acciaio perforato



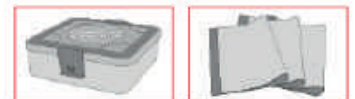
L(mm)	B(mm)	H(mm)	
480	250	50	SK 310/05
480	250	60	SK 310/06
480	250	70	SK 310/07
480	250	100	SK 310/10
540	250	50	SK 311/05
540	250	60	SK 311/06
540	250	70	SK 311/07
540	250	100	SK 311/10



Siebdeckel
 Top for basket
 Tapa para cestilla
 Couverture pour panier
 Coperchio per cestello



L(mm)	B(mm)	
480	250	SK 310/50
540	250	SK 311/50



VERSCHIEDENES
VARIOUS ITEMS
ARTICULOS DIVERSOS
ARTICLES DIVERS
ARTICOLI DIVERSI

SU

nopa[®] instruments

Unser komplettes Programm Verschiedenes finden Sie in unserem Katalog „Container System“.

For our complete range of Various items kindly refer to our catalogue „Container system“.

Para nuestro gama completa de Artículos Diversos, por favor consulte nuestro catálogo de „Sistema de contenedor“.

Pour notre gamme complet des Articles Divers, consultez notre catalogue „Système de conteneur“.

Per nostro assortimento completo di Articoli Diversi, consultare il nostro catalogo „Sistema del Contenitore“.





Ø(mm)

- 40 **SU 105/40**
- 45 **SU 105/45**
- 55 **SU 105/55**
- 75 **SU 105/75**



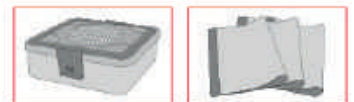
Ø(mm)

- 40 **SU 106/40**
- 45 **SU 106/45**
- 55 **SU 106/55**
- 75 **SU 106/75**



L(mm) Ø(mm)

- 240 60 **SU 108/24**





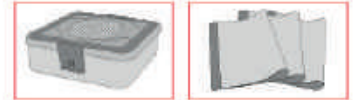
L(mm)	B(mm)	H(mm)	
30	30	30	SU 121/02
30	40	20	SU 121/04
40	40	20	SU 121/06
40	40	40	SU 121/08
60	60	20	SU 121/10
60	60	40	SU 121/12
60	60	60	SU 121/14
80	40	20	SU 121/16
80	40	30	SU 121/18
80	40	40	SU 121/20
80	80	20	SU 121/22
80	80	40	SU 121/24
80	80	60	SU 121/26
80	80	80	SU 121/28
100	100	10	SU 121/30
105	70	25	SU 121/32
120	120	30	SU 121/34
120	120	60	SU 121/36
150	50	35	SU 121/38
190	85	100	SU 121/40
200	100	35	SU 121/42
220	140	50	SU 121/44
235	80	30	SU 121/46
235	155	40	SU 121/48
240	30	40	SU 121/50
240	120	35	SU 121/52
240	240	60	SU 121/54
240	240	80	SU 121/56
275	175	35	SU 121/58
275	200	35	SU 121/60



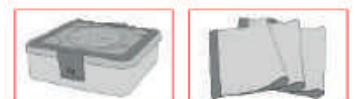


L(mm)	B(mm)	H(mm)	
120	250	30	SU 150/03
120	250	50	SU 150/05
120	250	60	SU 150/06
120	250	70	SU 150/07
120	250	100	SU 150/10
240	250	30	SU 151/03
240	250	50	SU 151/05
240	250	60	SU 151/06
240	250	70	SU 151/07
240	250	100	SU 151/10
255	245	30	SU 152/03
255	245	50	SU 152/05
255	245	60	SU 152/06
255	245	70	SU 152/07
255	245	100	SU 152/10
405	250	30	SU 153/03
405	250	50	SU 153/05
405	250	60	SU 153/06
405	250	70	SU 153/07
405	250	100	SU 153/10
405	255	30	SU 154/03
405	255	50	SU 154/05
405	255	60	SU 154/06
405	255	70	SU 154/07
405	255	100	SU 154/10
480	250	30	SU 155/03
480	250	50	SU 155/05
480	250	60	SU 155/06
480	250	70	SU 155/07
480	250	100	SU 155/10
485	255	30	SU 156/03
485	255	50	SU 156/05
485	255	60	SU 156/06
485	255	70	SU 156/07
485	255	100	SU 156/10

L(mm)	B(mm)	H(mm)	
480	360	30	SU 157/03
480	360	50	SU 157/05
480	360	60	SU 157/06
480	360	70	SU 157/07
480	360	100	SU 157/10
480	480	30	SU 158/03
480	480	50	SU 158/05
480	480	60	SU 158/06
480	480	70	SU 158/07
480	480	100	SU 158/10
515	245	30	SU 159/03
515	245	50	SU 159/05
515	245	60	SU 159/06
515	245	70	SU 159/07
515	245	100	SU 159/10
540	250	30	SU 160/03
540	250	50	SU 160/05
540	250	60	SU 160/06
540	250	70	SU 160/07
540	250	100	SU 160/10



L(mm)	B(mm)	
120	250	SU 150/20
240	250	SU 151/20
255	245	SU 152/20
405	250	SU 153/20
405	255	SU 154/20
480	250	SU 155/20
485	255	SU 156/20
480	360	SU 157/20
480	480	SU 158/20
515	245	SU 159/20
540	250	SU 160/20





KYE

SK

KYE

SK

KYE

SK

SU



SU 509/25



SU 509/45



Nur Deckel farbig
Lid colored only
Solamente tapa en diferentes colores
Seulement de couvercle de couleurs différentes
Solo coperchio colorato

L(mm)	B(mm)	H(mm)			
250	60	50	SU 509/25	SU 509/26	SU 509/27
450	70	70	SU 509/45	SU 509/46	SU 509/47



Nur Deckel farbig
Lid colored only
Solamente tapa en diferentes colores
Seulement de couvercle de couleurs différentes
Solo coperchio colorato

L(mm)	B(mm)	H(mm)			
250	60	50	SU 512/25	SU 512/26	SU 512/27
450	70	70	SU 512/45	SU 512/46	SU 512/47



L(mm)	B(mm)	H(mm)	für 1 Endoskop for 1 Telescope	für 2 Endoskope for 2 Telescopes
180	80	52	SU 515/18	
290	80	52	SU 515/29	SU 516/29
460	80	52	SU 515/46	SU 516/46
600	80	52	SU 515/60	
640	150	77	SU 515/64	
670	80	52	SU 515/67	
700	80	52	SU 515/70	



Mit Silikonfixierungen
with silicon fixations

KYE

SK

KYE

SK

KYE

SK

SU



L(mm)	B(mm)	H(mm)	
290	160	52	SU 520/05
310	150	77	SU 520/10
460	160	52	SU 520/20
460	225	52	SU 520/30
580	160	52	SU 520/40



ENDOSKOPIE
ENDOSCOPY
ENDOSCOPIA
ENDOSCOPIE
ENDOSCOPIA

X

nopa[®] instruments

Weitere Endoskopie-Instrumente finden Sie in unserem Katalog „Endoskopie“.

For further endoscopic instruments kindly refer to our catalogue „Endoscopy“.

Para instrumental de endoscopia adicional, por favor consulte nuestro catálogo de „Endoscopia“.

Pour des instruments d'endoscopie supplémentaires, consultez notre catalogue „Endoscopie“.

Per gli altri strumenti endoscopia, consultare il nostro catalogo „Endoscopia“.

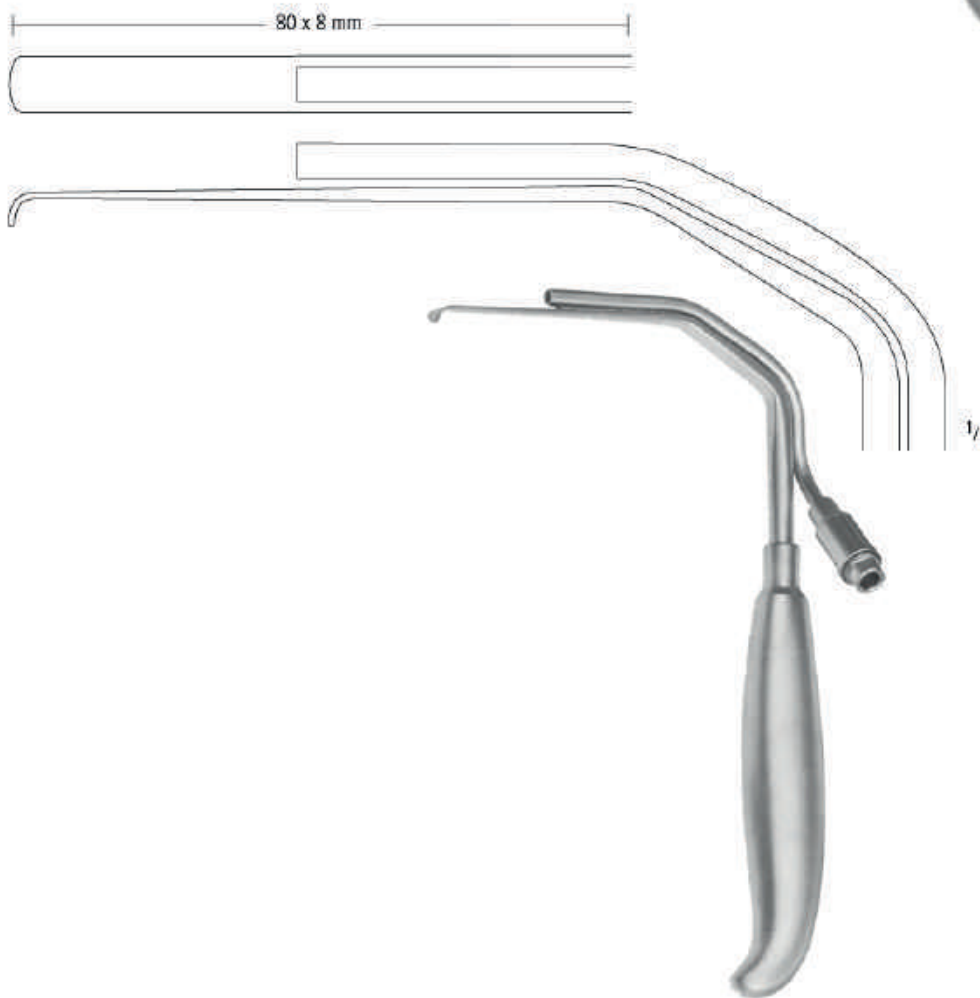


>> Trokarhülsen und Trokare >> Trocar Sleeves and Trocars >> Camisa para trocares y trocares >> Trocards à manche et trocards >> Manicotti trequarti e trequarti	393	XK
>> Easy Clean	394-399	XM
>> Sinuskopie, Otoskopie >> Sinuscopy, otoscopy >> Senoscopia, otoscopia >> Sinuscopie, otoscopie >> Sinuscopia, otoscopia	400-402	XP
>> Flexibles Nasopharyngoskop >> Flexible Nasopharyngoscope >> Nasopharyngoscopio flexible >> Nasopharyngoscope flexible >> Nasopharyngoscopio flessibile	403	XQ
>> HF-Instrumente und Zubehör >> HF-Instruments and accessories >> AF-instrumentos y accesorios >> HF-instruments et accessoires >> AF-strumenti ed accessori	404-411	XR
>> Kaltlichtkabel, Zoom Adapter >> Fibre optic cable, Zoom Adapter >> Cable fibra óptica, Zoom Adaptador >> Câble fibre optique, Zoom Connexion >> Cavo fibra ottica, Zoom Adattatore	412-414	XT

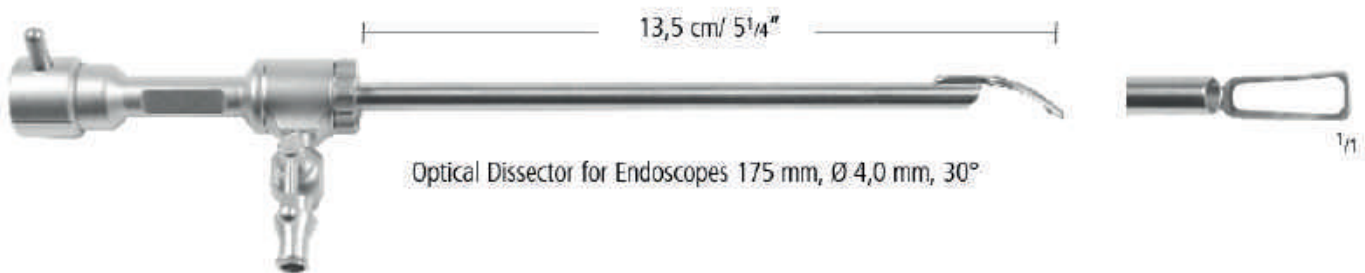
Wundhaken mit Kaltlichtbeleuchtung
 Retractor with fibreoptic illumination
 Retractor con iluminación de fibra óptica
 Rétracteur avec illumination par fibre optique
 Divaricatore con illuminazione a fibre ottiche



FERREIRA
AK 451/10
 10 cm/4"



AK 452/15



Optical Dissector for Endoscopes 175 mm, Ø 4,0 mm, 30°

AK 456/01

Trokarhülsen und Trokare
Trocar Sleeves and Trocars
Camisa para trocares y trocares
Trocards à manche et trocards
Manicotti trequarti e trequarti

XK

XM

XP

XQ

XR

XT



Ⓐ + Ⓑ Universal sheaths with rotating stopcocks

UNIVERSAL SHEATHS L = 175 mm

	Ø mm	A	B
STANDARD	2,7	XK 709/01	XK 709/02
	4,0	XK 709/11	XK 709/12
SMALL JOINT	2,7	XK 709/31	XK 709/32



TROCARS AND OBTURATOR

	Ø mm	∧	∩
STANDARD	2,7	XK 710/01	XK 710/02
	4,0	XK 710/11	XK 710/12
SMALL JOINT	2,7	XK 710/31	XK 710/32

easyClean[®]



XM 010/00



XM 014/00



Ø 5,0 mm L 18,0 cm/7" **XM 020/18**

höchste Präzision und Qualität >> maximum precision and quality standards



Bestellinformation: Bestellen Sie bitte Griff, Schaft und Arbeitseinsatz.
 Ordering information: Please order handle, tube and working tip.

easyClean[®]

XK

XM

XP

XQ

XR

XT



XM 016/00



Ø 5,0 mm

L
18,0 cm/7"

XM 020/18

höchste Präzision und Qualität >> maximum precision and quality standards



Bestellinformation: Bestellen Sie bitte Griff, Schaft und Arbeitseinsatz.
Ordering information: Please order handle, tube and working tip.

Biopsie, scharfe Präparation
 Biopsy, sharp dissection
 Biopsía, disección en punta
 Biopsie, dissection tranchant
 Biopsia, dissezione tagliente

easyClean[®]



	1/1	Ø 5,0 mm	18,0 cm/7" XM 104/18
STANZE PUNCH			
	1/1	Ø 5,0 mm	XM 108/18
HAKENSTANZE HOOK PUNCH			
	1/1	Ø 5,0 mm	XM 130/18
MICROSCHERE MICRO SCISSORS			
	1/1	Ø 5,0 mm	XM 131/18
MICROSCHERE GEBOGEN MICRO SCISSORS CURVED			
	1/1	Ø 5,0 mm	XM 134/18
HAKENSCHERE HOOK SCISSORS			
	1/1	Ø 5,0 mm	XM 138/18
METZENBAUM SCHERE METZENBAUM SCISSORS			
	1/1	Ø 5,0 mm	XM 139/18
METZENBAUM SCHERE GEBOGEN METZENBAUM SCISSORS CURVED			

Stumpfe Präparation, Fasszangen
Blunt Dissection, grasping forceps
Disección roma, pinzas de aprehensión
Dissection émoussée, pinces à préhension
Dissezione smusse, pinze da presa

easyClean[®]



XK

XM

XP

XQ

XR

XT

Fasszangen
Grasping Forceps
Pinzas de aprehensión
Pinces à préhension
Pinze da presa

easyClean[®]



1/1

Ø 5,0 mm

18,0 cm/7"

XM 212/18

SCHARFER ATRAUMATISCHER GREIFER
SHARP ATRAUMATIC GRASPER



1/1

Ø 5,0 mm

XM 214/18

GEZAHNTER GREIFER KOBRA
TOOTHED GRASPER COBRA



1/1

Ø 5,0 mm

XM 216/18

ALLIGATOR GREIFZANGE
ALLIGATOR GRASPING FORCEPS



1/1

Ø 5,0 mm

5,0 x 30,0 mm
5,0 x 40,0 mm
5,0 x 50,0 mm

XM 220/18
XM 221/18
XM 222/18

DE BAKEY



1/1

Ø 5,0 mm

2,5 x 30,0 mm
2,5 x 40,0 mm
2,5 x 50,0 mm

XM 228/18
XM 229/18
XM 230/18

GLASSMAN



1/1

Ø 5,0 mm

XM 236/18

ALLIS

Fasszangen
Grasping Forceps
Pinzas de aprehensión
Pincès à préhension
Pinze da presa

easyClean[®]



BABCOCK

1/n

Ø 5,0 mm

18,0 cm/7"

XM 245/18



**KRALLENGREIFER
CLAW FORCEPS**

1/n

Ø 5,0 mm

XM 254/18



McKERNAN

1/n

Ø 5,0 mm

XM 258/18



HUNTER

1/n

Ø 5,0 mm

XM 260/18

XK

XM

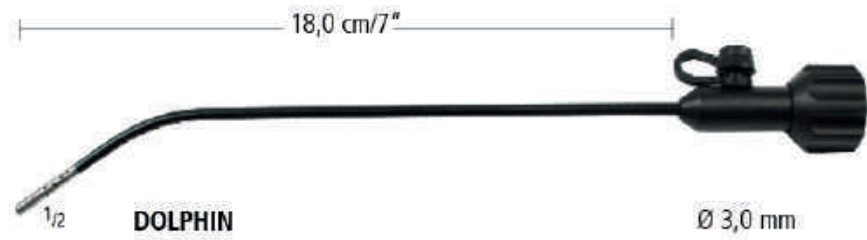
XP

XQ

XR

XT

Scharfe Präparation, Faszangen
 Sharp dissection, Grasping Forceps
 Disección en punta, Pinzas de aprehensión
 Dissection tranchant, Pincas à préhension
 Dissezione tagliente, Pinze da presa





>> autoklavierbar
autoclavable

>> mit Anschluss für
with adaptors for

Storz
Wolf
ACMI

1/1

	STANDARD 90°			
Ø mm	$\alpha = 0^\circ$	$\alpha = 30^\circ$	$\alpha = 70^\circ$	
2,7	XP 700/30	XP 700/33	XP 700/37	



>> autoklavierbar
autoclavable

>> mit Anschluss für
with adaptors for

Storz
Wolf
ACMI

1/1

Arthroscope	Ø mm	$\alpha = 0^\circ$	$\alpha = 30^\circ$	$\alpha = 45^\circ$	$\alpha = 70^\circ$	Wide angle
	4,0	XP 701/40	XP 701/43	XP 701/45	XP 701/47	



>> autoklavierbar
autoclavable

>> mit Anschluss für
with adaptors for

Storz
Wolf
ACMI

1/1

Ø mm	$\alpha = 0^\circ$	$\alpha = 30^\circ$	$\alpha = 70^\circ$	Wide angle
4,0	XP 703/40	XP 703/43	XP 703/47	

Otoskopie
Otoscopy
Otoscofia
Otoscopie
Otoscofia



>> autoklavierbar
autoclavable

>> mit Anschluss für
with adaptors for

Storz
Wolf
ACMI

	STANDARD 90°		
Ø mm	$\alpha = 0^\circ$	$\alpha = 30^\circ$	$\alpha = 70^\circ$
2,7	XP 704/30	XP 704/33	XP 704/37



>> autoklavierbar
autoclavable

>> mit Anschluss für
with adaptors for

Storz
Wolf
ACMI

	STANDARD 90°	
Ø mm	$\alpha = 0^\circ$	$\alpha = 30^\circ$
4,0	XP 718/40	XP 718/43

Flexibles Nasopharyngoskop
Flexible Nasopharyngoscope
Nasopharyngoscopio flexible
Nasopharyngoscope flexible
Nasopharyngoscopio flessibile

XK

XM

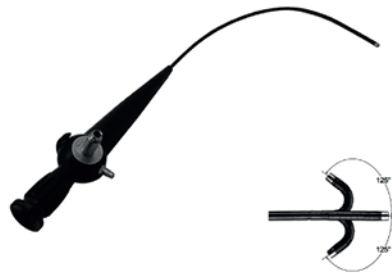
XP

XQ

XR

XT

flexible nasopharyngoscope



XQ 510/30

Das nopa Nasopharyngoskop wird komplett mit Aufbewahrungskoffer und Drucktester geliefert.
The nopa nasopharyngoscope will be delivered in a case and with a pressure testing device.

Flexibles Nasopharyngoskop

Beschreibung XQ 510/30

Diese neue Generation des flexiblen Nasopharyngoskops von nopa wurde unter Berücksichtigung der neuesten Produktionsmethoden und Technologien in enger Zusammenarbeit mit klinischen Anwendern entwickelt.

Die innovativen Besonderheiten und die herausragende optische Qualität garantieren dem Benutzer ein optimales Bild.

Die neue Generation der Bildübertragungs-Technik liefert brillante Detailaufnahmen sowohl in den Ecken eines Bildes als auch in der Bildmitte. Das Erkennen kleinster Strukturen wird dadurch erheblich erleichtert. Die Wiedergabe der natürlichen Farben ermöglicht dem Benutzer eine bessere Diagnostik.

Das nopa Nasopharyngoskop bietet ein Höchstmaß an Hygiene.

Technische Daten

XQ 510/30

nopa Nasopharyngoskop

Bildwinkel:	85°
Tiefenschärfe:	2,5 - 5,0 mm
Außendurchmesser:	3,6 mm
Außendurchmesser distales Ende:	3,6 mm
Nutzlänge:	300 mm

Schwenkbereich des distalen Endes

Aufwärts:	125°
Abwärts:	125°

Technische Änderungen zur Produktverbesserung vorbehalten.

flexible nasopharyngoscope

Description XQ 510/30

This new generation of the flexible nasopharyngoscope from nopa has been newly developed in close cooperation with clinical users, with an eye to production methods and technologies.

The innovative features and the outstanding optical quality provide the best image for the user.

The new generation of image transmission technology provides brilliant detail definition at the edges of the images as well as in the centre. Recognition of even the smallest structures is thereby greatly facilitated. The natural colour rendition assists the user with better diagnostic.

The new generation is also designed for optimum hygiene.

Technical data

XQ 510/30

nopa nasopharyngoscope

Field of view:	85°
Depth of field:	2,5 - 5,0 mm
Outer diameter insertion tube:	3,6 mm
Outer diameter distal end:	3,6 mm
Working length:	300 mm

Bending range of distal tip

Upward:	125°
Down:	125°

Specification subject to change without notice.

Elektrodenhandgriffe
Electrode handles
Mangos porta-electrodos
Manches porte-électrodes
Mancini porta elettrodi



ERBE
XR 800/01



MARTIN/BERCHTOLD
XR 800/05



MARTIN/BERCHTOLD
XR 801/05

Elektrodenhandgriffe mit Kabel
 Electrode handles with cable
 Mangos porta-electrodos con cable fijo
 Manches porte-électrodes avec câble
 Mancini porta elettrodi con cavo

XK

XM

XP

XQ

XR

XT



MARTIN/BERCHTOLD
XR 803/05

ERBE (U.S.)
XR 804/01

VALLEYLAB
XR 805/09

VALLEYLAB
XR 806/09

Anschlusskabel
 Connection cords
 Cables de conexión
 Câbles de raccordement
 Cavi da connessione

monopolar

bipolar



MARTIN / BERCHTOLD

300 cm
500 cm

XR 827/03
XR 827/05

XR 828/03
XR 828/05

XR 830/03
XR 830/05

monopolar

bipolar

monopolar

bipolar



300 cm
500 cm

ERBE
XR 831/03
XR 831/05
(ACC/ICC)

ERBE
XR 831/13
(T-Serie)

ERBE/SELECT
XR 832/03
XR 832/05

ERBE
XR 833/03
XR 833/05

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

Anschlusskabel
 Connection cords
 Cables de conexión
 Câbles de raccordement
 Cavi da connessione

für neutralelektroden for patient plates



300 cm
 500 cm



XR 835/35
XR 835/55



300 cm
 500 cm



XR 836/31
XR 836/51

monopolar



Monopolares Hochfrequenzkabel
 Monopolar high frequency cord
 L = 3,0 m **XR 837/03**
 L = 5,0 m **XR 837/05**



XR 838/04
 10,0 cm/4"
 4,0 mm

XK

XM

XP

XQ

XR

XT

Elektroden
Electrodes
Electrodos
Electrodes
Elettrodi

universal



XR 841/01



XR 841/02



XR 841/03



XR 841/04



XR 841/05



XR 841/06



XR 841/07



XR 841/08



XR 841/09



XR 841/10



XR 841/11



XR 841/12

Elektroden
Electrodes
Electrodos
Electrodes
Elettrodi

XX

XM

XP

XQ

XR

XT

universal



XR 843/01



XR 843/02



XR 843/03



XR 843/04



XR 843/05



XR 843/06



XR 843/07



XR 843/08



XR 843/09

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



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

A=2,0 mm

C=1,0 mm



D=0,5 mm

E=Nadel

F=Profil



11,0 cm/4 ¹ / ₃ "	XR 898/11D	XR 899/11D
11,0 cm/4 ¹ / ₃ "	XR 898/11E	XR 899/11E

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

XK

XM

XP

XQ

XR

XT



- 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 060/23** Ø 6,0 mm, 230 cm

Kaltlicht-Grundkabel
Basic fibre optic cable



- XT 070/18** Ø 4,5 mm, 180 cm
- XT 070/23** Ø 4,5 mm, 230 cm
- XT 070/30** Ø 4,5 mm, 300 cm

- >> **Zusätzliche Isolierung**
- >> **Metallspirale**
- >> **Silikonmantel**
- >> **Sterilisierbar**

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

Adapter
Adapter
Adaptador
Connexion
Adattatore

Projektor-Seite
Projector side

Endoskop-Seite
Endoscope side

XT 100/01



STORZ



XT 100/11

STORZ/WINTER + IBE
OLYMPUS/STRYKER

XT 100/02



WOLF/HENKE-SASS



XT 100/12

WOLF/HENKE-SASS

XT 100/03



ACM/HEINE



XT 100/13

ACM/HEINE

XT 100/04



WINTER + IBE

XT 100/05



OLYMPUS

Bestellinformation / Ordering information

>> **Bitte bestellen Sie Kaltlichtgrundkabel mit 2 Adaptern**

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

Zoom - Adapter
 Zoom - Adapter
 Zoom - Adaptador
 Zoom - Connexion
 Zoom - Adattatore

XK

XM

XP

XQ

XR

XT



XT 361/40

Zoom - Objektiv	15 mm - 25 mm
zoom - objective	15 mm - 25 mm



XT 361/50

Zoom - Objektiv	25 mm - 40 mm
Zoom - objective	25 mm - 40 mm

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