

HNO / plástica quirúrgica

ENT / plástica quirúrgica

ORL / cirugía plástica

ORL / cirugía plástica

ORL / cirugía plástica

11

Dies ist unser Katalog Plastische Chirurgie, er bleibt unser ausschließliches Eigentum. Es gelten unsere allgemeinen Lieferbedingungen.  
Sie finden diese auf unserer Internetseite: [www.nopa-instruments.com](http://www.nopa-instruments.com).

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[www.nopa-instruments.com](http://www.nopa-instruments.com).

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Nuestras condiciones generales de venta se encuentran en nuestra página web: [www.nopa-instruments.com](http://www.nopa-instruments.com).

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Voilà notre catalogue chirurgie plastique et il demeure notre propriété.  
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Questo è nostro catalogo chirurgia plastica e rimane nostra proprietà.  
Trovano applicazione le nostre condizioni generali di fornitura, che sono disponibili sul nostro sito: [www.nopa-instruments.com](http://www.nopa-instruments.com).

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# corporate video

5



4

Scan QR-Code or visit  
[www.nopa.de](http://www.nopa.de)

3

2

1

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inch

mm



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entsprechenden Kataloge an.**

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**Please request for our  
appropriate catalogues.**

---

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---

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catalogues appropriés.**

---

**Chieda prego i nostri  
cataloghi adatti.**

---

**>> Unser Lieferprogramm**

Allgemeinchirurgie und Gynäkologie  
Plastische Chirurgie und HNO  
Thorax, Herz und Gefäßschirurgie  
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

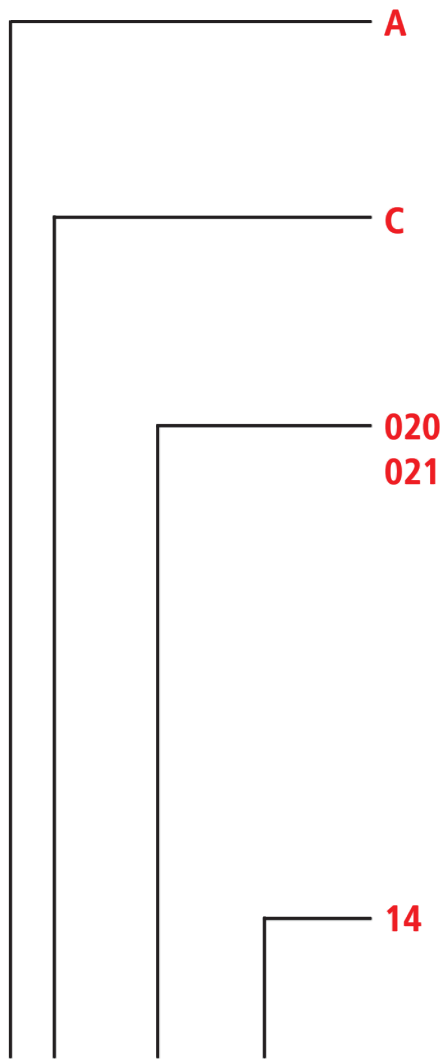
**>> Notre gamme**

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  
Contenitore 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

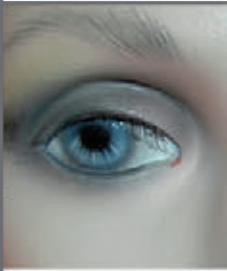
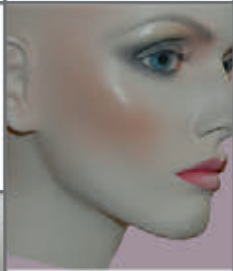
HNO / plastische Chirurgie

ENT / plastic surgery

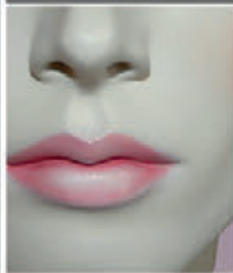
ORL / cirugía plástica

ORL / chirurgie plastique

ORL / chirurgia plastica



nopa<sup>®</sup> 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.

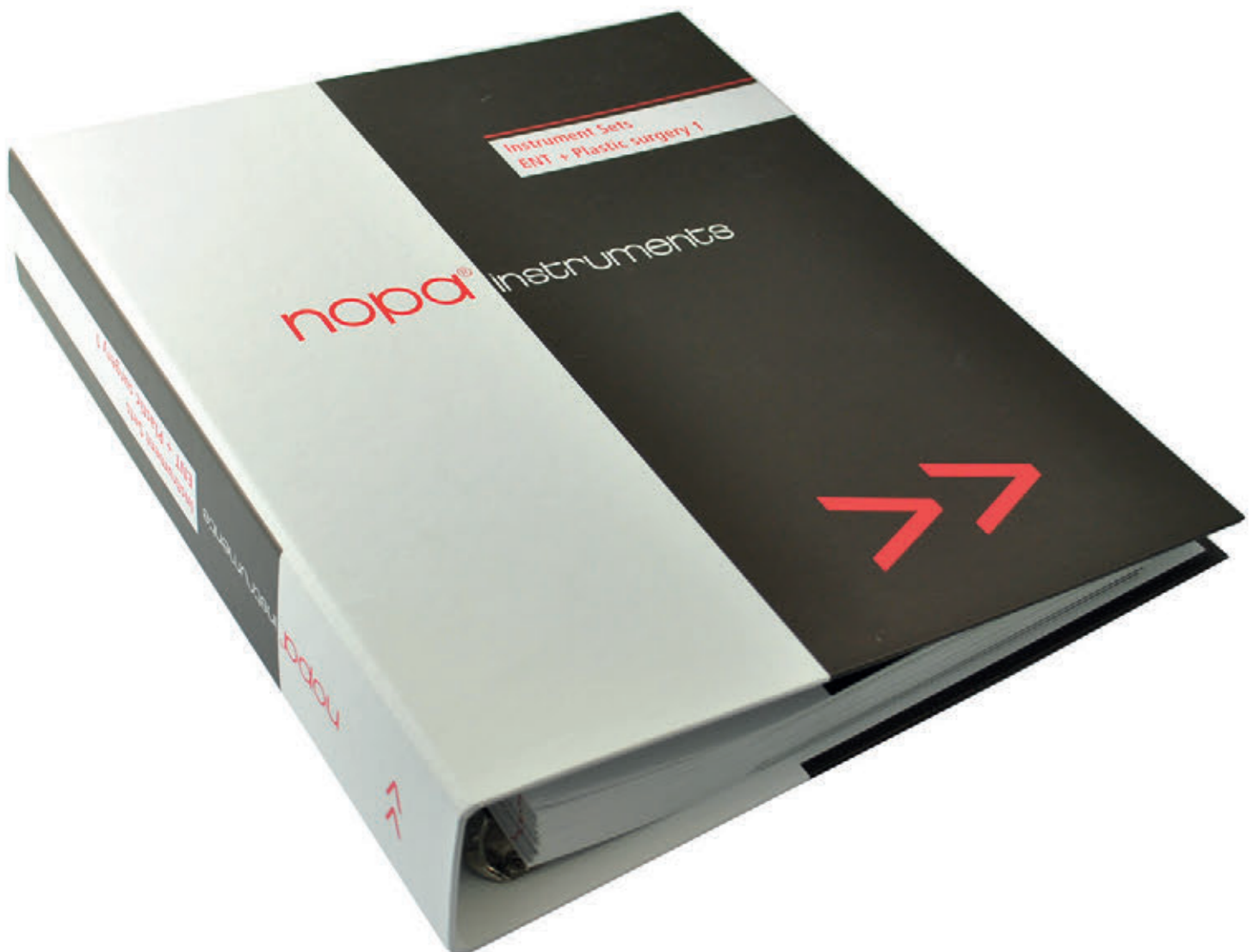
We expressly point out that the products shown/mentioned may only be used and operated by trained specialist personnel with the appropriate qualifications, and for the proper, intended and prescribed purpose as specified in the operating instructions.

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



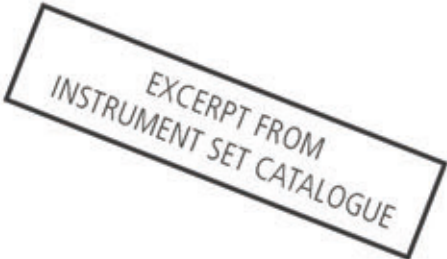
>> Klemmen >> Hemostats >> Pinzas hemostáticas >> Pincas hémostatiques >> Pinze emostatiche	15-32	AA
>> Pinzetten >> Forceps >> Pinzas >> Pincas >> Pinze	33-58	AB
>> Scheren >> Scissors >> Tijeras >> Ciseaux >> Forbici	59-94	AC
>> Skalpelle >> Scalpels >> Bisturíes >> Bistouris >> Bisturi	95-100	AD
>> 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
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>> 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 3450 0  
Sb vorlg - Sg gte d h rsn t st



**ENDOSKOPISCHES FACELIFT SET**  
**ENDOSCOPIC FACELIFT SET**  
**SET ESTIRAMIENTO FACIAL ENDOSCÓPICO**  
**BOITE LIFTING FACIAL ENDOSCOPIQUE**  
**SET LIFTING FACCIALE 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 1 1/4" 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, 485X250X60 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 456001**  
175 mm, Ø 4,0 mm  $\alpha = 30^\circ$



**KA 690008**  
19,5 cm / 7 3/4"

EXCERPT FROM  
INSTRUMENT SET CATALOGUE



**KA 70901**  
23,0 cm/9<sup>1</sup>/<sub>8</sub>"



**KA 70902**  
25,0 cm/9<sup>3</sup>/<sub>4</sub>"



**KA 70903**  
26,0 cm/10<sup>1</sup>/<sub>4</sub>"



**KA 70904**  
25,3 cm/10"



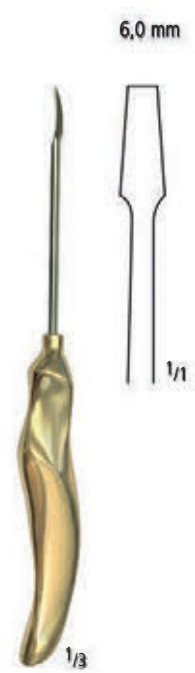
**KA 70905**  
25,0 cm/9<sup>3</sup>/<sub>4</sub>"



**KA 70906**  
24,0 cm/9<sup>1</sup>/<sub>2</sub>"



**KA 70907**  
24,0 cm/9<sup>1</sup>/<sub>2</sub>"

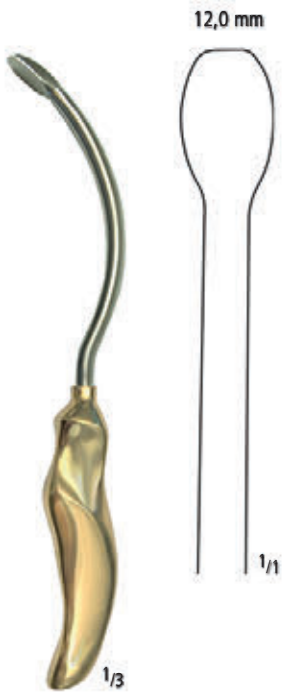


**KA 70908**  
22,0 cm/8<sup>3</sup>/<sub>4</sub>"

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/9<sup>3</sup>/<sub>4</sub>"



**KA 709/32**  
24,0 cm/9<sup>1</sup>/<sub>2</sub>"



**KA 709B33**  
24,0 cm/9<sup>1</sup>/<sub>2</sub>"



**KA 709B34**  
23,5 cm/9<sup>1</sup>/<sub>4</sub>"



**KA 709B37**  
23,5 cm/9<sup>1</sup>/<sub>4</sub>"



**KA 709B38**  
21,0 cm/8<sup>1</sup>/<sub>4</sub>"

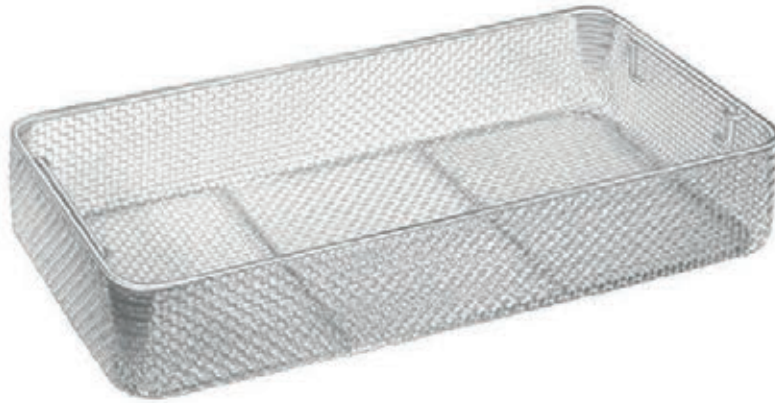


**KA 709B39**  
23,5 cm/9<sup>1</sup>/<sub>4</sub>"



**KA 709M0**  
23,5 cm/9<sup>1</sup>/<sub>4</sub>"

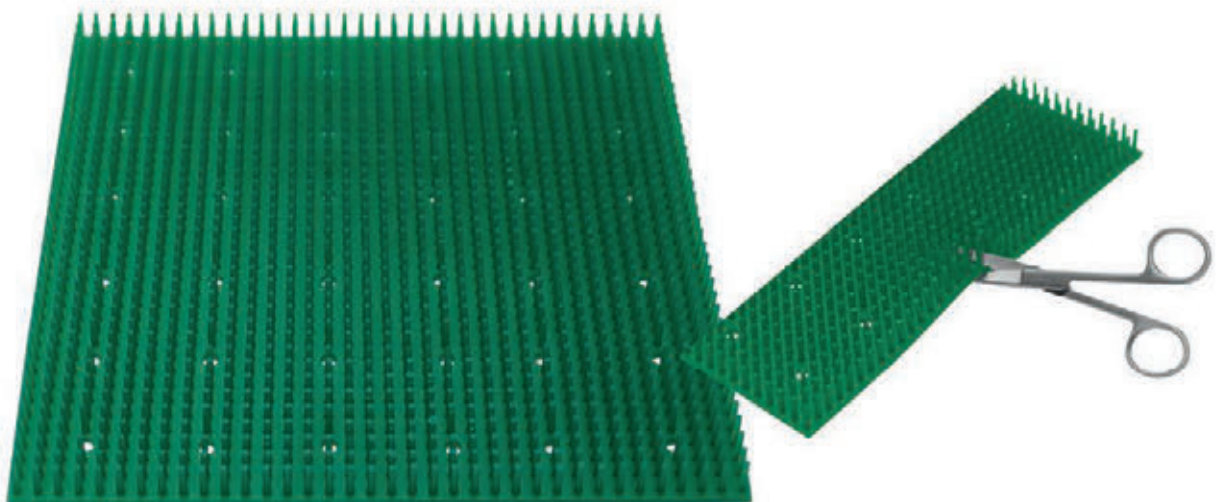
EXCERPT FROM  
INSTRUMENT SET CATALOGUE



L(mm)	B(mm)	H(mm)	
485	255	60	<b>SK 30506</b>



L(mm)	B(mm)	H(mm)	for 1 Telescope
290	80	52	<b>SU 5152 9</b>



L(mm)	B(mm)	
225	225	<b>SX 43202</b>

neck lift

rhino basic

rhino advanced

otoplasty

facelift

facelift endoscopy

blepharoplasty

hairtransplantation

EXCERPT FROM  
INSTRUMENT SET CATALOGUE



**XM 010000**



**XM 014000**



15 mm



Ø 5,0 mm      L      18,0 cm/7"      **XM 020/18**

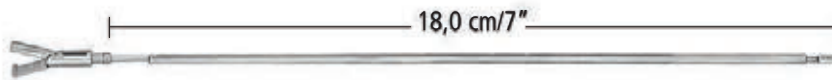
maximum precision and quality standards



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



EXCERPT FROM  
INSTRUMENT SET CATALOGUE



**METZENBAUM SCISSORS CURVED**

Ø 5,0 mm

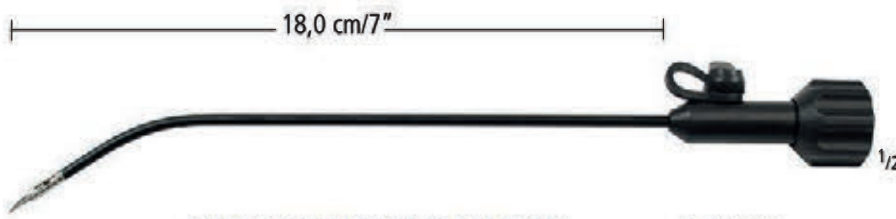
**XM 139M18**



**DOLPHIN**

Ø 5,0 mm

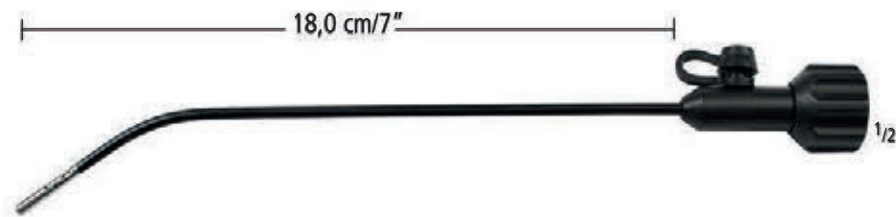
**XM 170M18**



**METZENBAUM SCISSORS CURVED**

Ø 3,0 mm

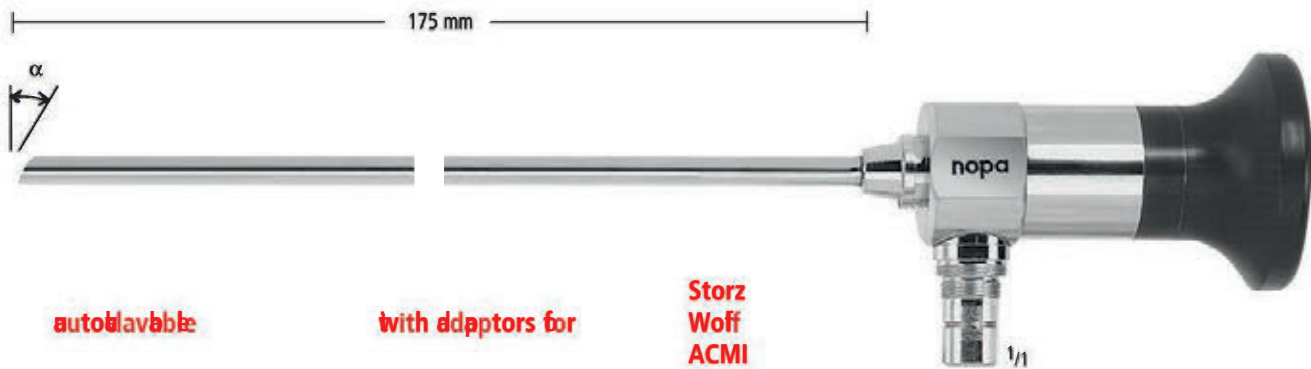
**XM 295M18**



**DOLPHIN GRASPING FORCEPS**

Ø 3,0 mm

**XM 296M18**



autoclavable

with adaptors for

Storz  
Woff  
ACMI

**ARTHROSCOPE**

Wide angle

Ø 4,0 mm

$\alpha = 30^\circ$

**XP 701A13**

neck lift

rhino basic

rhino advanced

otoplasty

facelift

facelift endoscopy

blepharoplasty

hair transplantation



KLEMMEN  
HEMOSTATS  
PINZAS HEMOSTATICAS  
PINCES HEMOSTATIQUES  
PINZE EMOSTATICHE

AA

nopa<sup>®</sup> instruments

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

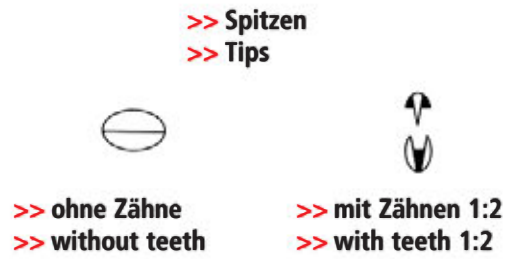
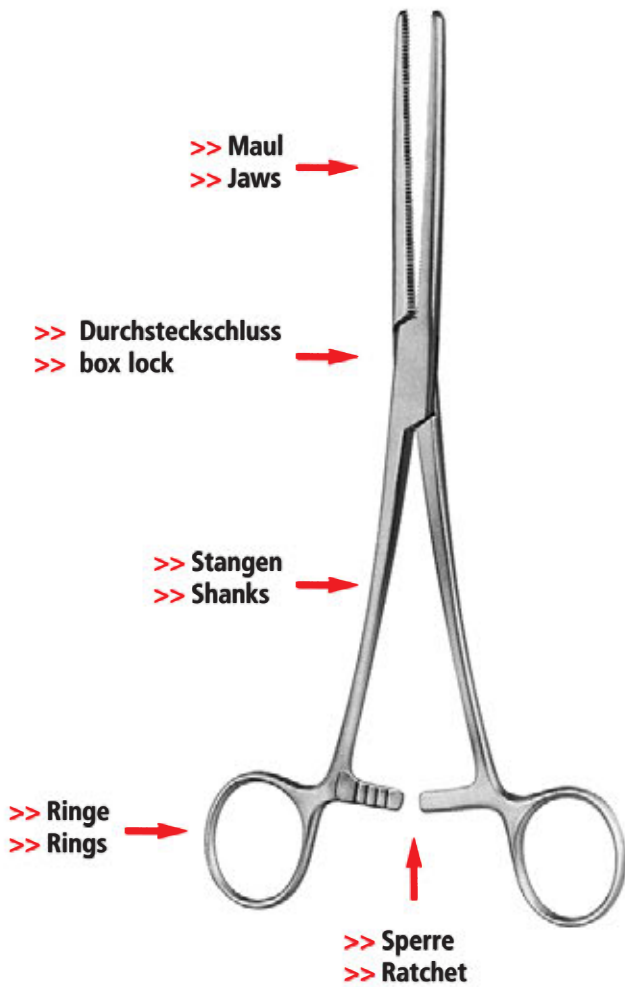
For further hemostats kindly refer to our catalogue „General Instruments“, section AA.

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.





>> Maulbiegung  
>> jaw curvature

>> Riefung  
>> serrations



>> gerade  
>> straight

>> gebogen  
>> curved

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



**BABCOCK**

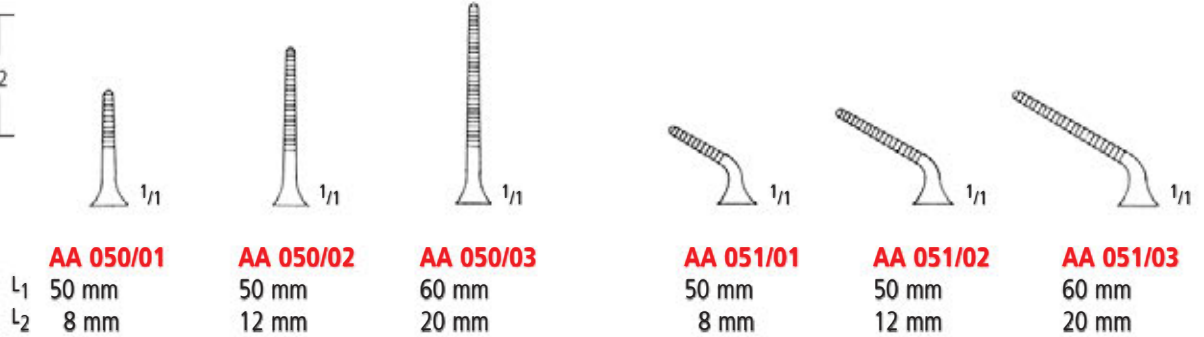
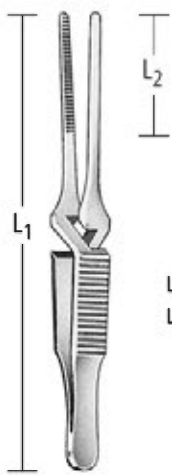


**KD 111/16**  
16,0 cm/6 1/4"



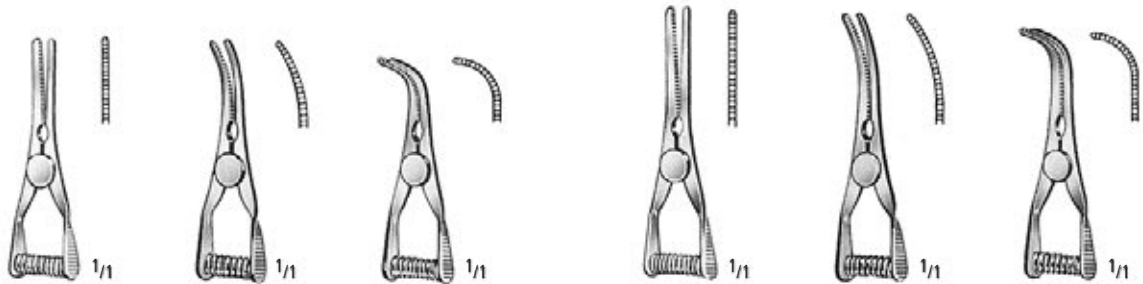
**KD 111/18**  
18,0 cm/7"

Bulldogklemmen  
Bulldog Clamps  
Clamps Bulldog  
Clamps Bulldog  
Pinze Bulldog



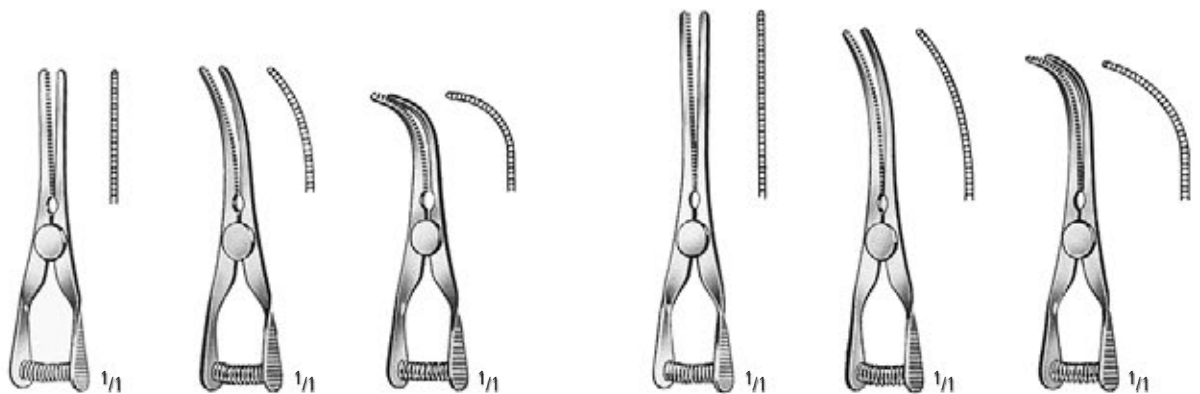
3 gr. Gewicht  
Gewicht  
Weight  
Peso  
Poids  
Peso

50 gr. Druck  
Druck  
Pressure  
Presión  
Pression  
Pressione



**VENA  
ARTERIA**

<b>AA 052/01</b> <b>AA 053/01</b>	<b>TITAN 30 mm</b> <b>AA 052/02</b> <b>AA 053/02</b>	<b>AA 052/03</b> <b>AA 053/03</b>	<b>AA 054/01</b> <b>AA 055/01</b>	<b>TITAN 35 mm</b> <b>AA 054/02</b> <b>AA 055/02</b>	<b>AA 054/03</b> <b>AA 055/03</b>
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**VENA  
ARTERIA**

<b>AA 056/01</b> <b>AA 057/01</b>	<b>TITAN 40 mm</b> <b>AA 056/02</b> <b>AA 057/02</b>	<b>AA 056/03</b> <b>AA 057/03</b>	<b>AA 058/01</b> <b>AA 059/01</b>	<b>TITAN 50 mm</b> <b>AA 058/02</b> <b>AA 059/02</b>	<b>AA 058/03</b> <b>AA 059/03</b>
--------------------------------------	--	--------------------------------------	--------------------------------------	--	--------------------------------------

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

AA  
 AB  
 AC  
 AD  
 AE  
 AF  
 AG  
 AH  
 AI  
 AJ  
 AK  
 AL  
 AM  
 AN  
 AO  
 AP  
 AQ  
 AR  
 AS  
 AT  
 AU  
 AV  
 AW  
 AX  
 KYE  
 X



**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"

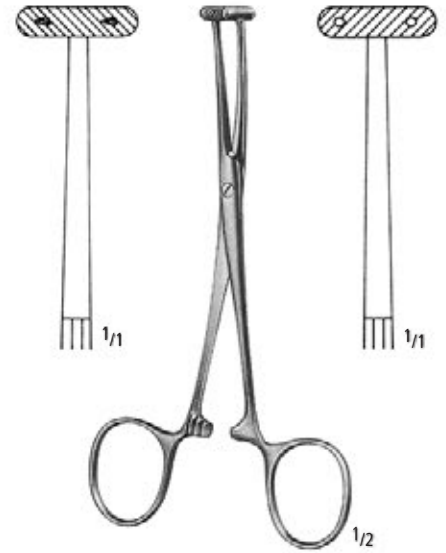
Fasszangen  
Seizing Forceps  
Pinzas para coger  
Pincers à saisir  
Pinze per afferrare



**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"



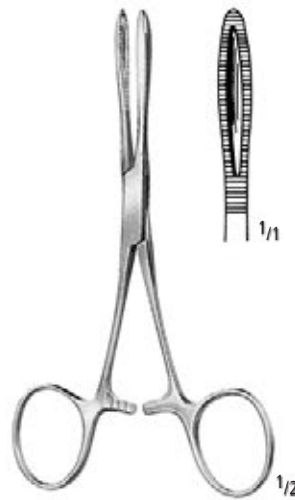
**PEAN**  
14,0 cm/5 1/2" **AA 080/14**  
16,0 cm/6 1/4" **AA 080/16**



**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  
Pincés hémostatiques  
Pinze emostatiche

AA

AB

AC

AD

AE

AF

AK

AL

AO

AP

AR

KA

KL

KM

KO

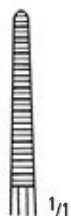
KU

KYE

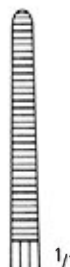
X



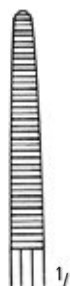
**SPENCER-WELLS**



**AA 110/13**  
13,0 cm/5"



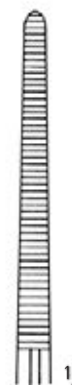
**AA 110/14**  
14,0 cm/5½"



**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/5½"



**AA 111/15**  
15,5 cm/6"



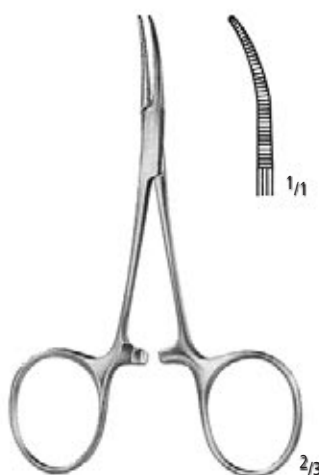
**AA 111/18**  
18,0 cm/7"



**AA 111/20**  
20,0 cm/8"



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



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

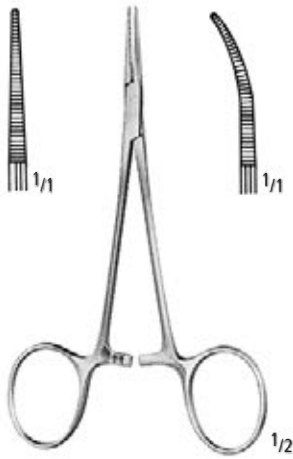


**CARREL**  
**AA 116/08**  
8,5 cm/3½"



**TERRIER 1:2**  
**AA 118/08**  
8,5 cm/3½"

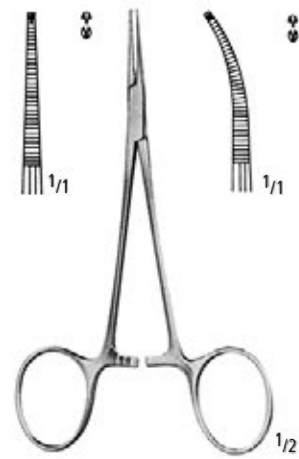
Feine Arterienklemmen  
 Fine Artery Forceps  
 Pinzas hemostáticas finas  
 Pincas hémostatiques fines  
 Pinze emostatiche fine



**MICRO-MOSQUITO**

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

10,0 cm/4"  
 12,0 cm/4¾"



**MICRO-MOSQUITO 1:2**

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

**WILLIAM STEWART HALSTED**

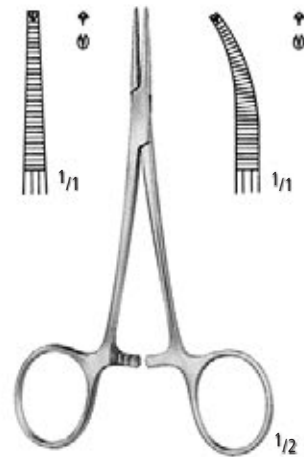
was professor of surgery in the Johns Hopkins University. In 1890 he had bronze casts made of his own hands. On these casts the first surgical rubber gloves were moulded.



**HALSTED-MOSQUITO**

AA 150/12    AA 151/12  
 AA 150/14    AA 151/14

12,5 cm/5"  
 14,0 cm/5½"



**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

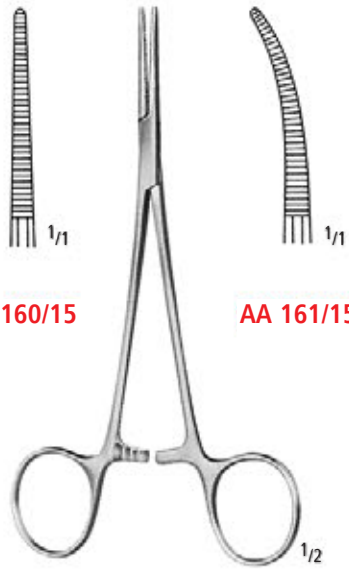
KM

KO

KU

KYE

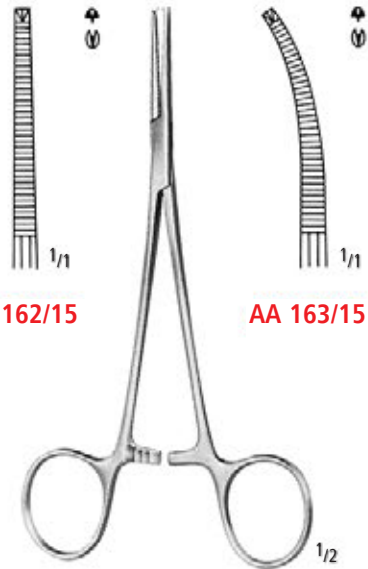
X



AA 160/15

AA 161/15

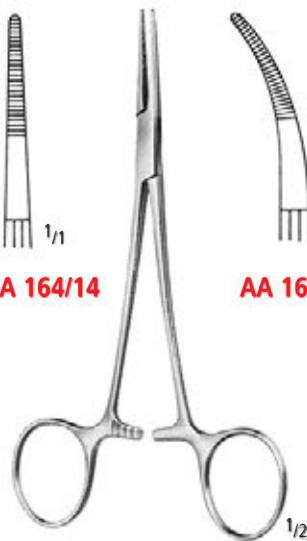
**LERICHE**  
 15,0 cm/6"



AA 162/15

AA 163/15

**LERICHE 1:2**  
 15,0 cm/6"

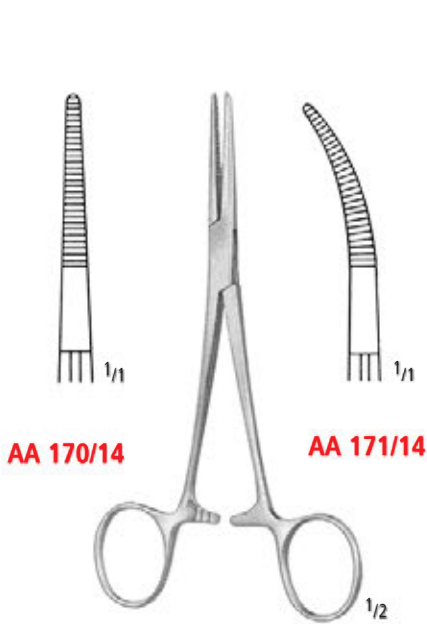


AA 164/14

AA 165/14

**PROVIDENCE-HOSPITAL**  
 14,0 cm/5 1/2"

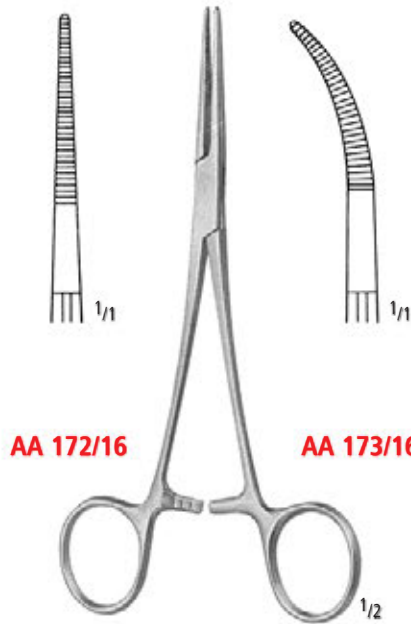
Arterienklemmen  
 Artery Forceps  
 Pinzas hemostáticas  
 Pincas hémostatiques  
 Pinze emostatiche



**AA 170/14**

**AA 171/14**

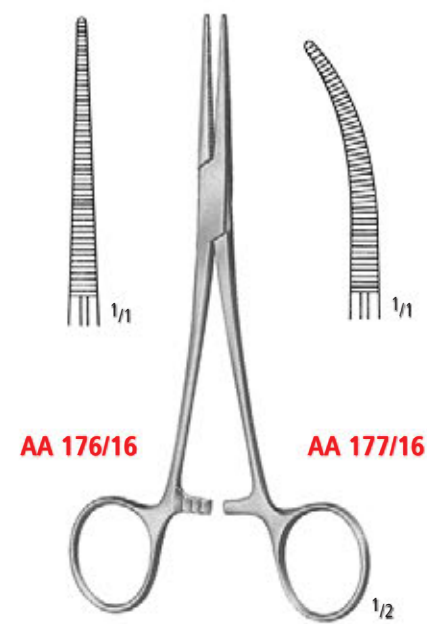
**KELLY**  
 14,0 cm/5 1/2"



**AA 172/16**

**AA 173/16**

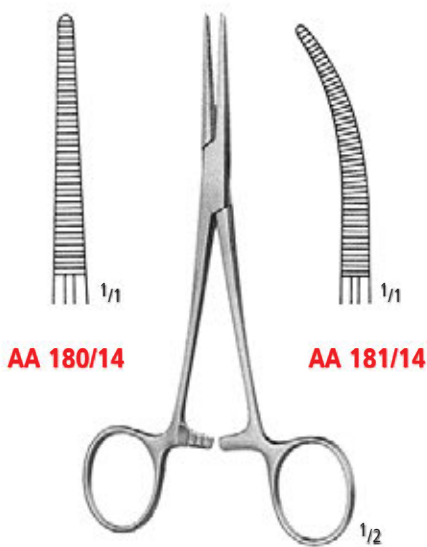
**KELLY-RANKIN**  
 16,0 cm/6 1/4"



**AA 176/16**

**AA 177/16**

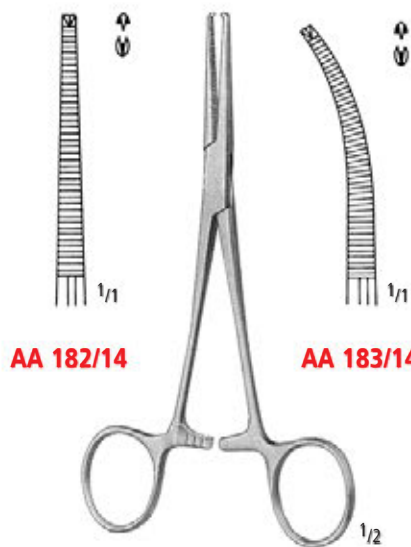
**COLLER**  
**AA 176/14** 14,0 cm/5 1/2" **AA 177/14**  
**AA 176/16** 16,0 cm/6 1/4" **AA 177/16**



**AA 180/14**

**AA 181/14**

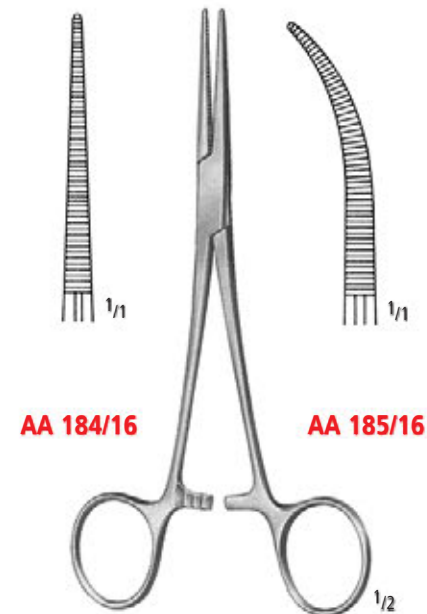
**CRILE**  
 14,0 cm/5 1/2"



**AA 182/14**

**AA 183/14**

**CRILE 1:2**  
 14,0 cm/5 1/2"



**AA 184/16**

**AA 185/16**

**CRILE-RANKIN**  
 16,0 cm/6 1/4"

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

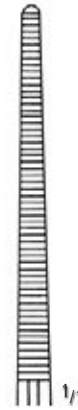
X



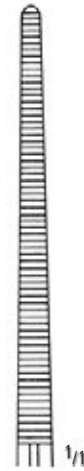
ROCHESTER-PEAN



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



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



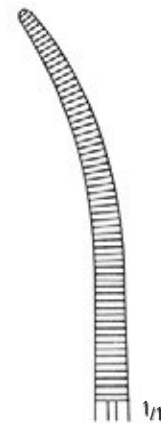
**AA 200/18**  
 18,0 cm/7"



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



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

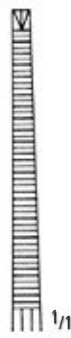


**AA 201/18**  
 18,0 cm/7"

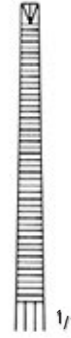
Arterienklemmen  
 Artery Forceps  
 Pinzas hemostáticas  
 Pincas hémostatiques  
 Pinze emostatiche



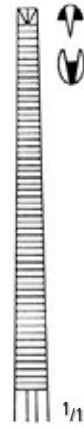
OCHSNER-KOCHER 1:2



**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"



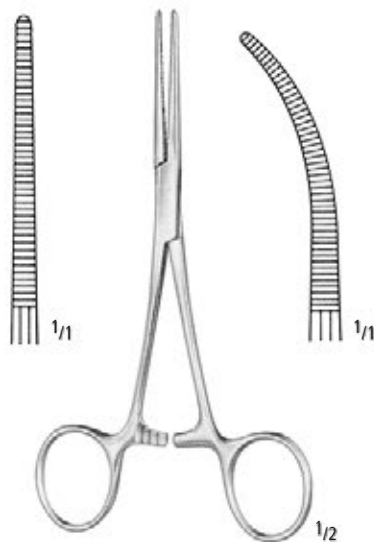
**AA 211/16**  
 16,0 cm/6 1/4"



**AA 211/18**  
 18,0 cm/7"

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

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

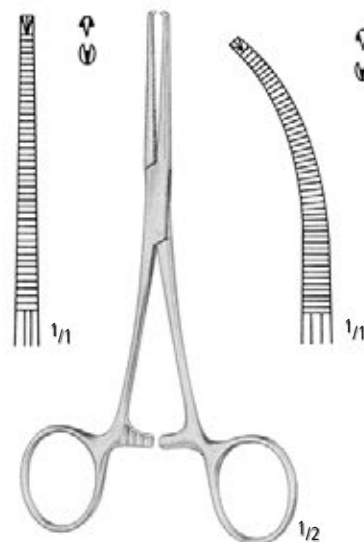


**PEAN - DELICATE**

- |                  |                  |
|------------------|------------------|
| <b>AA 214/13</b> | <b>AA 215/13</b> |
| <b>AA 214/14</b> | <b>AA 215/14</b> |
| <b>AA 214/16</b> | <b>AA 215/16</b> |

- 13,0 cm/5"  
 14,0 cm/5<sup>1</sup>/<sub>2</sub>"  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"

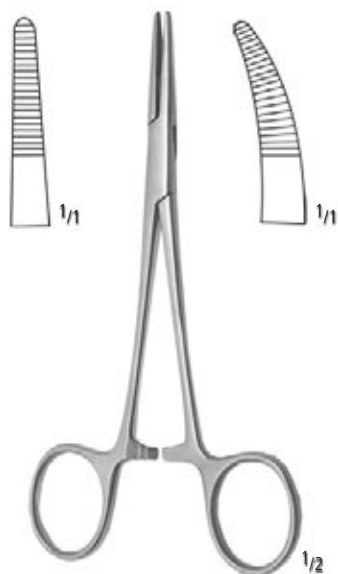
**JULES PEAN**, born 1830, died 1898, was the most important French gynecological surgeon of his time. He studied at Paris 1860. 1864 Pean was the first surgeon in Paris to perform an ovariectomy. By the use of Pean pins he introduced forceps pressure for control of hemorrhage, thus he invented the most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



**KOCHER 1:2 - DELICATE**

- |                  |                  |
|------------------|------------------|
| <b>AA 216/13</b> | <b>AA 217/13</b> |
| <b>AA 216/14</b> | <b>AA 217/14</b> |
| <b>AA 216/16</b> | <b>AA 217/16</b> |

**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**

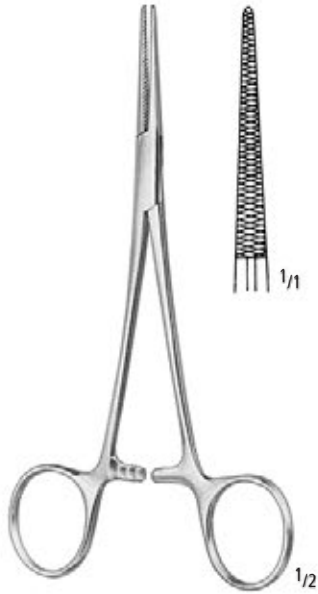
- |                  |            |                  |
|------------------|------------|------------------|
| <b>AA 218/15</b> | 15,0 cm/6" | <b>AA 219/15</b> |
|------------------|------------|------------------|



**DUNHILL**

- |                  |
|------------------|
| <b>AA 220/13</b> |
| 13,0 cm/5"       |

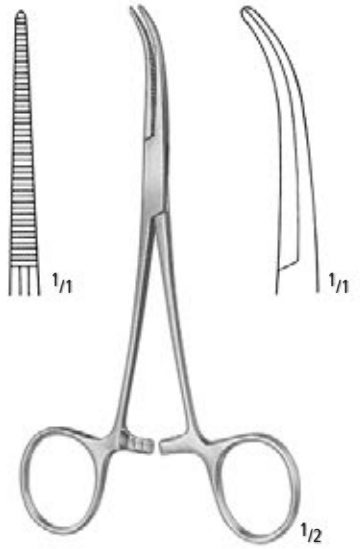
Arterienklemmen, Kopfhautklemmen  
 Artery Forceps, Scalp Flap Forceps  
 Pinzas hemostáticas, Pinzas hemostáticas para pericráneo  
 Pincés hémostatiques, Pincés hémostatiques pour le cuir chevelu  
 Pinze emostatiche, Pinze emostatiche per il cuoio capelluto



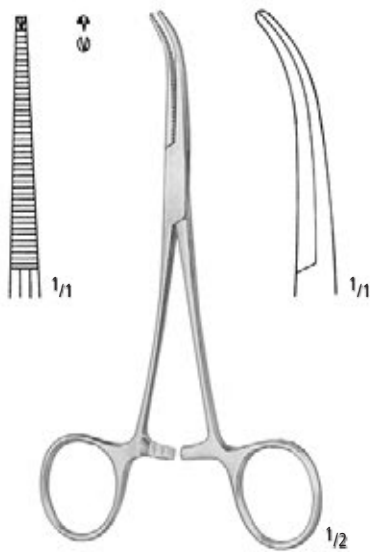
**DIXON-LOVELACE**  
**AA 286/15**  
 15,5 cm/6"



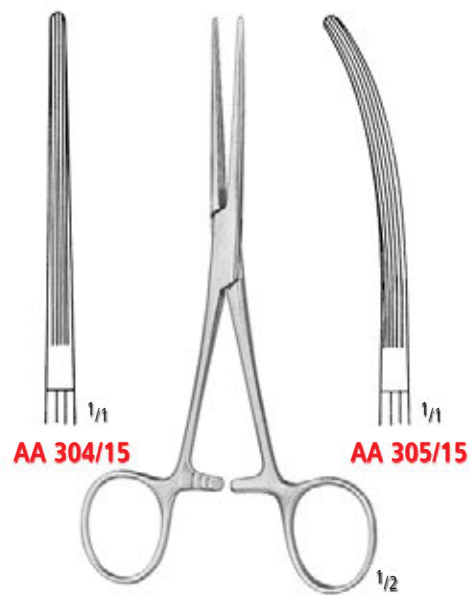
**DIXON-LOVELACE 1:2**  
**AA 288/15**  
 15,5 cm/6"



**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"

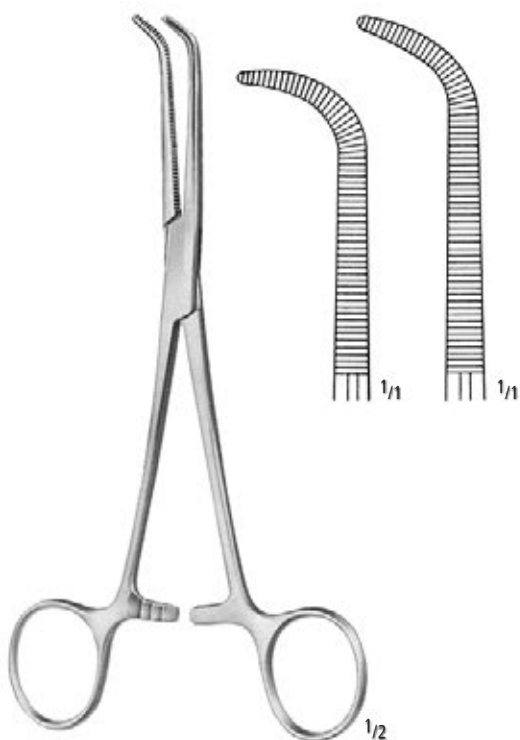
**AA 304/15**  
**AA 304/18**

**AA 305/15**  
**AA 305/18**



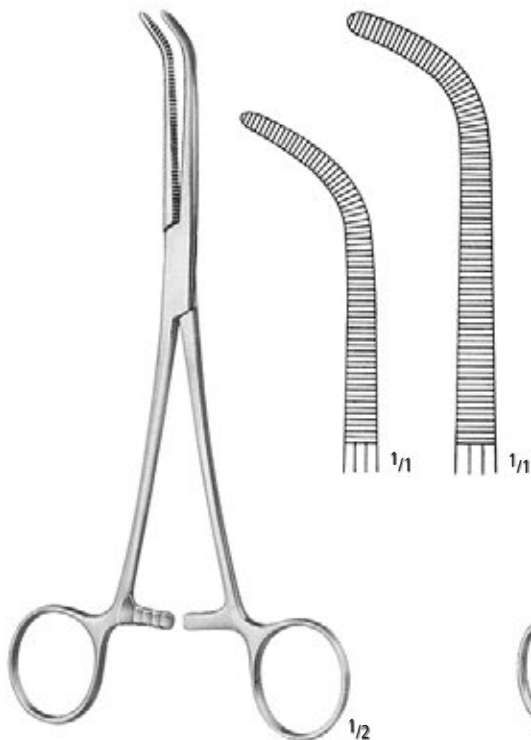
Präparier- und Ligaturklemmen  
 Dissecting and Ligature Forceps  
 Pinzas para preparaciones y ligaduras  
 Pincas à dissection et à ligatures  
 Pinze per preparazioni e legature

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



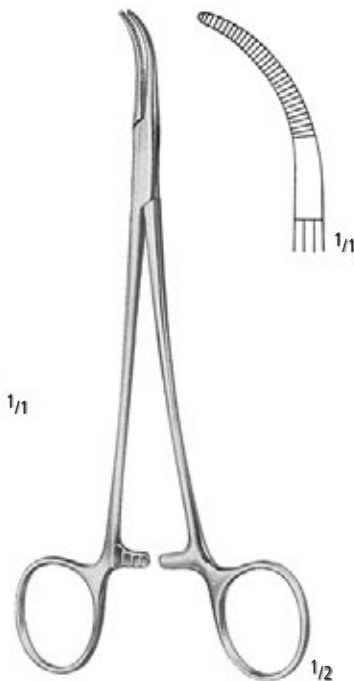
**MIXTER**  
 15,5 cm/6"  
 19,0 cm/7½"

**AA 345/15**  
**AA 345/19**

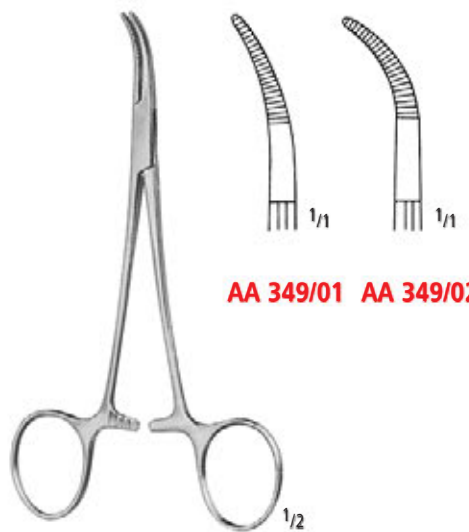


**MIXTER-O'SHAUGNESSY**  
 15,5 cm/6"  
 19,0 cm/7½"

**AA 347/15**  
**AA 347/19**

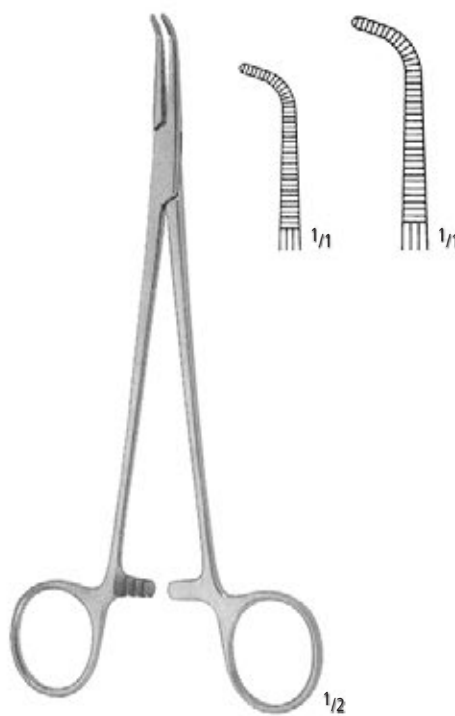


**BABY-MIXTER**  
 AA 348/18  
 18,0 cm/7"



**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  
Pinces 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**

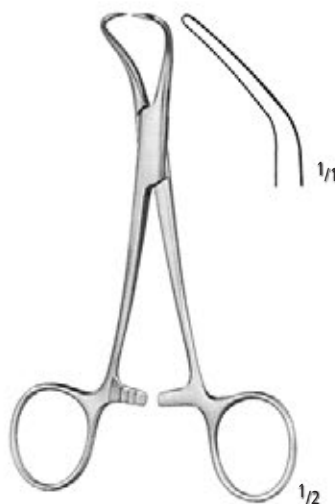
Tuchklemmen  
Towel Forceps  
Pinzas para compresas, Pinzas de campo  
Pinces à champs, Pinces à compresses  
Pinze per fissare le compresse (Fissatele)



**AA 749/11**

11,0 cm/4 1/3"

- 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" **AA 751/08**
- 11,0 cm/4 1/3" **AA 751/11**
- 13,0 cm/5" **AA 751/13**
- 15,0 cm/6" **AA 751/15**



**BALL & SOCKET**

- 11,0 cm/4 1/3" **AA 753/11**
- 13,0 cm/5" **AA 753/13**

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



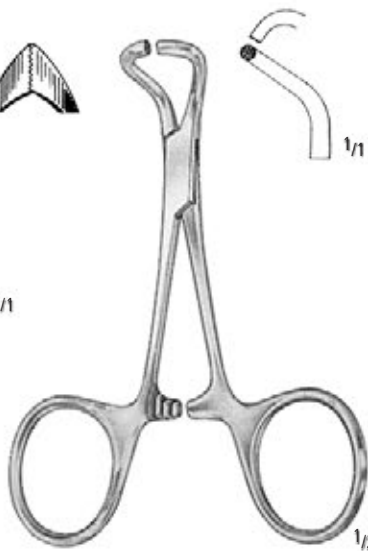
**ROEDER**

- 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**

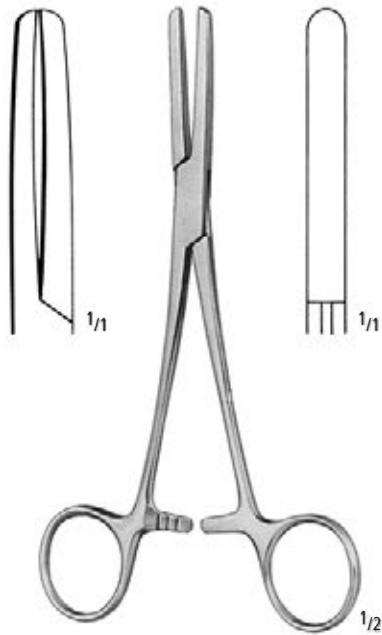


**PEERS**

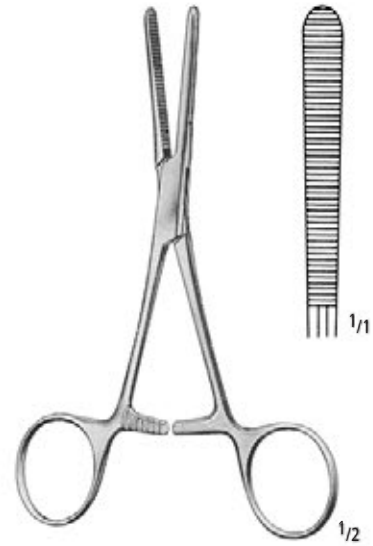
- AA 765/14**
- 14,5 cm/5 3/4"

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

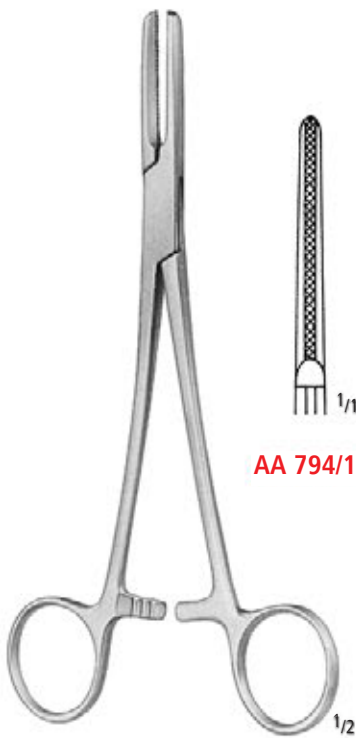
Schlauchklemmen  
Tubing Clamps  
Pinzas para tubos  
Presses-tube  
Pinze serratubi



**PRESBYTERIAN**  
16,5 cm/6<sup>1</sup>/<sub>2</sub>" **AA 790/16**  
18,0 cm/7" **AA 790/18**



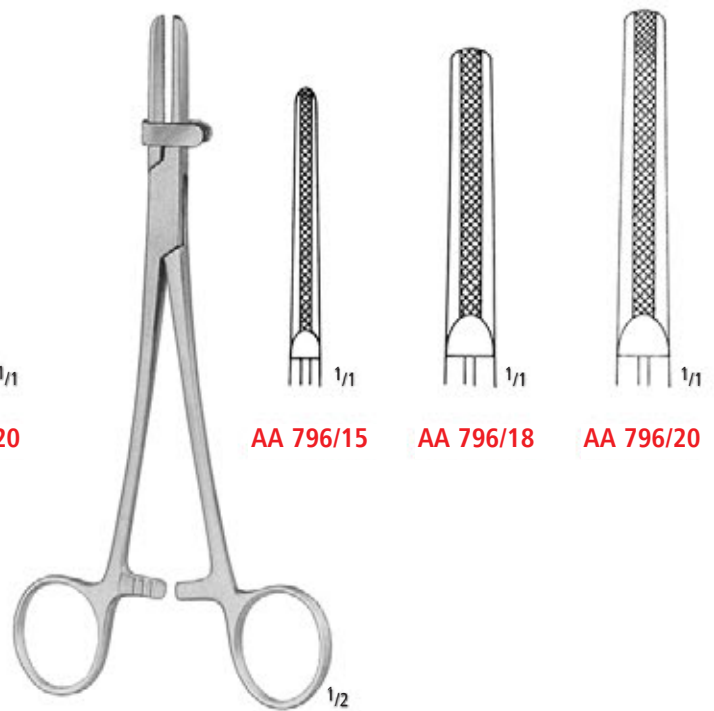
**KLINIKUM BERLIN**  
**AA 792/14**  
14,5 cm/5<sup>3</sup>/<sub>4</sub>"  
mit langer Sperre  
with long ratchet  
con cremallera larga  
à crémaillère extra longue  
con cremagliera extra lunga



**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<sup>®</sup> 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
	<b>AB 050/10</b>	<b>AB 050/11</b>	<b>AB 050/13</b>	<b>AB 050/14</b>	<b>AB 050/16</b>	<b>AB 050/18</b>	<b>AB 050/20</b>
				10,5 cm/4 <sup>1</sup> / <sub>4</sub> "	<b>AB 050/10</b>		
				11,5 cm/4 <sup>1</sup> / <sub>2</sub> "	<b>AB 050/11</b>		
				13,0 cm/5"	<b>AB 050/13</b>		
				14,5 cm/5 <sup>3</sup> / <sub>4</sub> "	<b>AB 050/14</b>		
				16,0 cm/6 <sup>1</sup> / <sub>4</sub> "	<b>AB 050/16</b>		
				18,0 cm/7"	<b>AB 050/18</b>		
				20,0 cm/8"	<b>AB 050/20</b>		



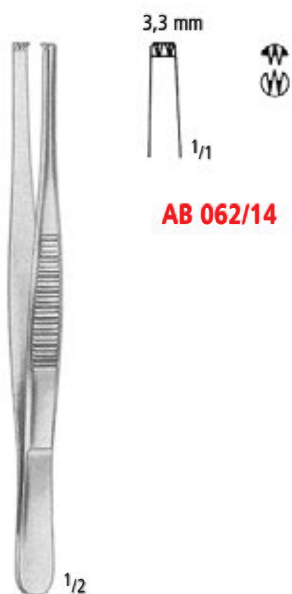
**1:2 STANDARD**

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

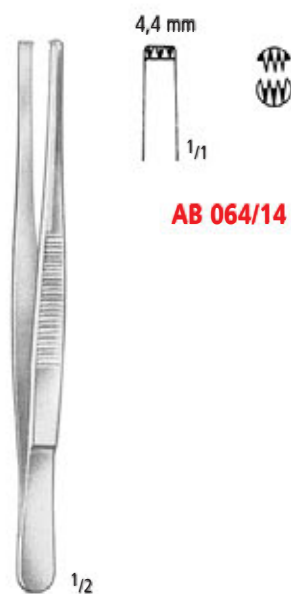
PINZETTEN FORCEPS PINZAS PINCES PINZE

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

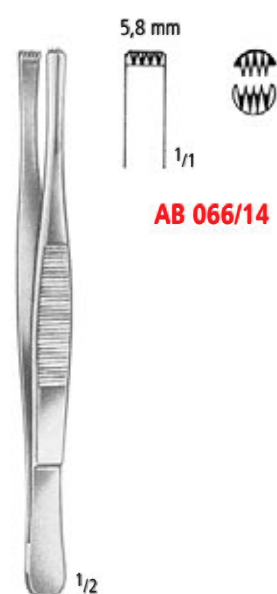
AA  
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**AB 062/14**



**AB 064/14**



**AB 066/14**

**2:3**

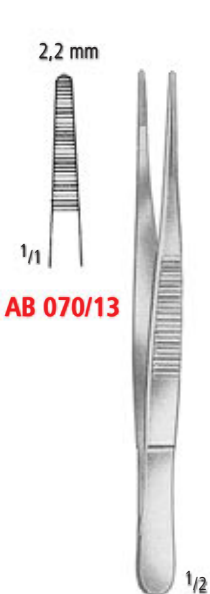
**3:4**

**4:5**

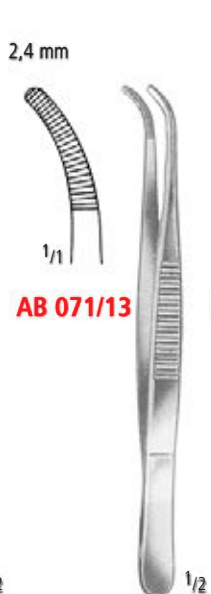
- 13,0 cm/5" **AB 062/13**
- 14,5 cm/5<sup>3</sup>/<sub>4</sub>" **AB 062/14**
- 16,0 cm/6<sup>1</sup>/<sub>4</sub>" **AB 062/16**
- 18,0 cm/7" **AB 062/18**
- 20,0 cm/8" **AB 062/20**

- AB 064/13**
- AB 064/14**
- AB 064/16**

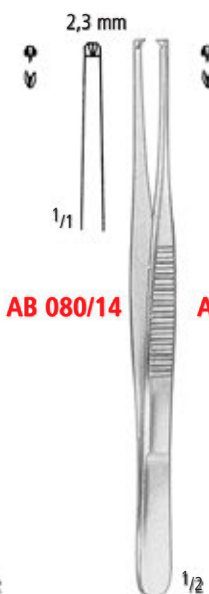
- AB 066/13**
- AB 066/14**
- AB 066/16**



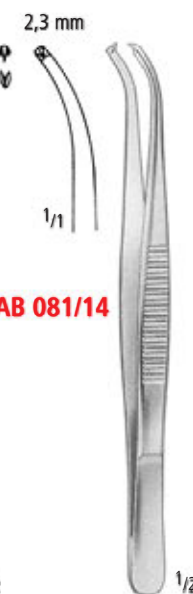
**AB 070/13**



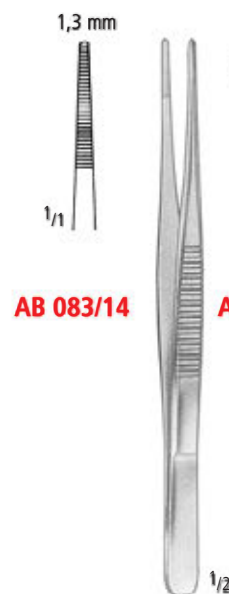
**AB 071/13**



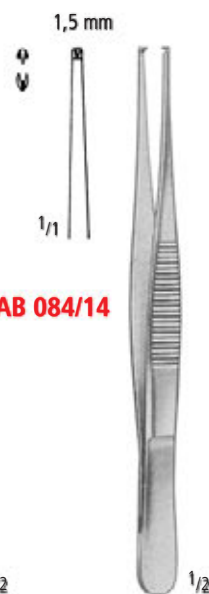
**AB 080/14**



**AB 081/14**



**AB 083/14**



**AB 084/14**

**1:2**

**1:2**

**1:2**

schmal - narrow - estrechas - étroites - strette

fein - delicate - finas - fines - fine

- 10,5 cm/4<sup>1</sup>/<sub>4</sub>" **AB 070/10**
- 11,5 cm/4<sup>1</sup>/<sub>2</sub>" **AB 070/11**
- 13,0 cm/5" **AB 070/13**
- 14,5 cm/5<sup>3</sup>/<sub>4</sub>" **AB 070/14**
- 16,0 cm/6<sup>1</sup>/<sub>4</sub>" **AB 070/16**
- 18,0 cm/7" **AB 070/18**
- 20,0 cm/8" **AB 070/20**

- AB 071/10**
- AB 071/11**
- AB 071/13**
- AB 071/14**
- AB 071/16**
- AB 071/18**
- AB 071/20**

- AB 080/10**
- AB 080/11**
- AB 080/13**
- AB 080/14**
- AB 080/16**
- AB 080/18**
- AB 080/20**

- AB 081/10**
- AB 081/11**
- AB 081/13**
- AB 081/14**
- AB 081/16**
- AB 081/18**
- AB 081/20**

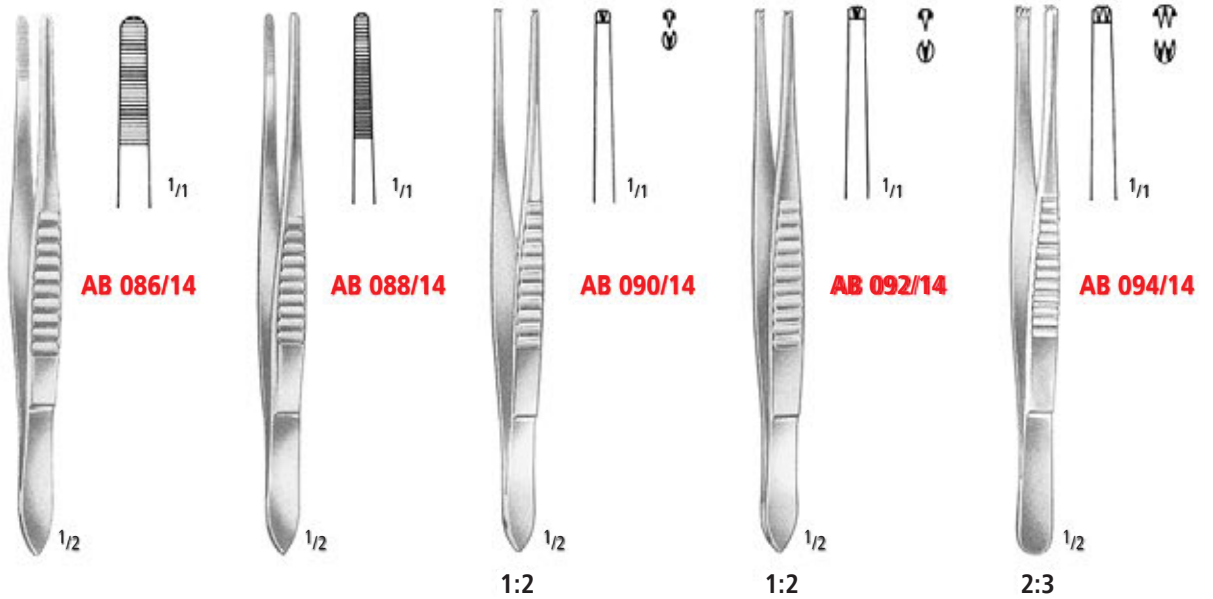
- AB 083/13**
- AB 083/14**

- AB 084/13**
- AB 084/14**

**AB** PINZETTEN FORCEPS PINZAS PINCES PINZE

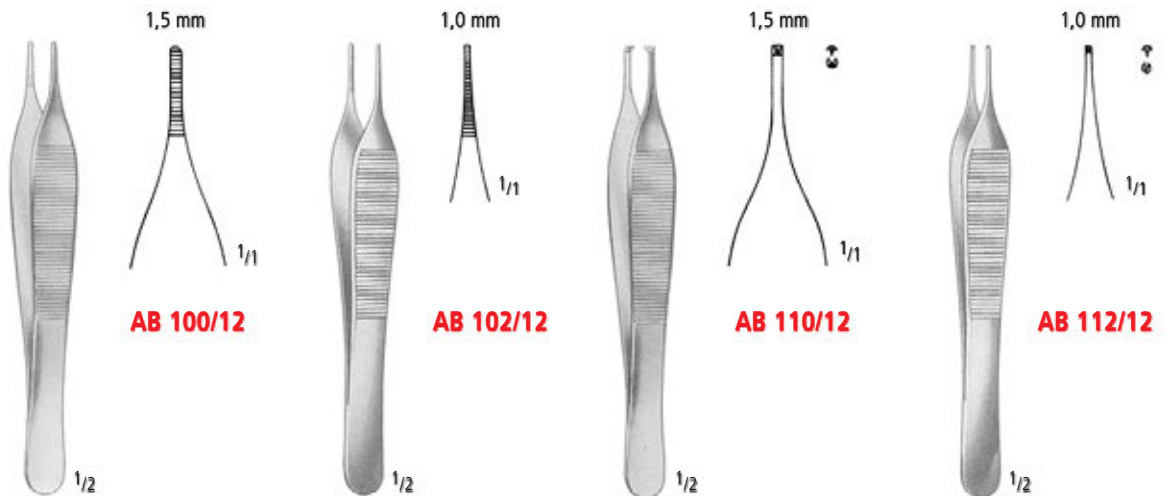
Anatomische Pinzetten, Chirurgische Pinzetten  
 Dressing Forceps, Tissue Forceps  
 Pinzas de disección, Pinzas de disección con dientes  
 Pincés à dissection, Pincés à griffes  
 Pinze anatomiche per dissezione, Pinze chirurgiche a denti di topo

**MODELL USA**



schmal - narrow - estrechas - étroites - strette

12,0 cm/4 <sup>3</sup> / <sub>4</sub> "	<b>AB 086/12</b>	<b>AB 088/12</b>		<b>AB 092/12</b>	<b>AB 094/12</b>
13,0 cm/5"	<b>AB 086/13</b>	<b>AB 088/13</b>	<b>AB 090/13</b>	<b>AB 092/13</b>	<b>AB 094/13</b>
14,5 cm/5 <sup>3</sup> / <sub>4</sub> "	<b>AB 086/14</b>	<b>AB 088/14</b>	<b>AB 090/14</b>	<b>AB 092/14</b>	<b>AB 094/14</b>
15,5 cm/6"	<b>AB 086/15</b>	<b>AB 088/15</b>	<b>AB 090/15</b>	<b>AB 092/15</b>	<b>AB 094/15</b>
18,0 cm/7"	<b>AB 086/18</b>			<b>AB 092/18</b>	<b>AB 094/18</b>



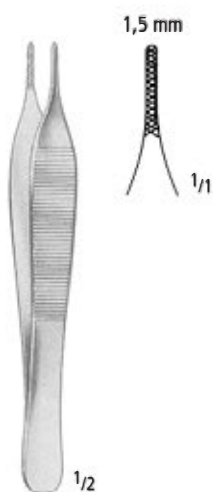
12,0 cm/4 <sup>3</sup> / <sub>4</sub> "	<b>ADSON</b>	<b>MICRO-ADSON</b>	<b>ADSON 1:2</b>	<b>MICRO-ADSON 1:2</b>
15,0 cm/6"	<b>AB 100/12</b>	<b>AB 102/12</b>	<b>AB 110/12</b>	<b>AB 112/12</b>
	<b>AB 100/15</b>	<b>AB 102/15</b>	<b>AB 110/15</b>	<b>AB 112/15</b>



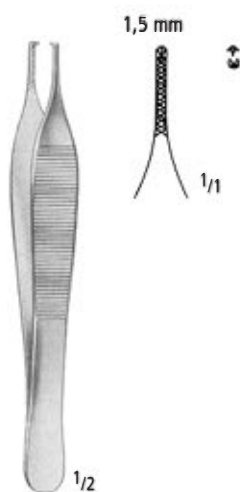
PINZETTES FORCEPS PINZAS PINCES PINZE

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

AA  
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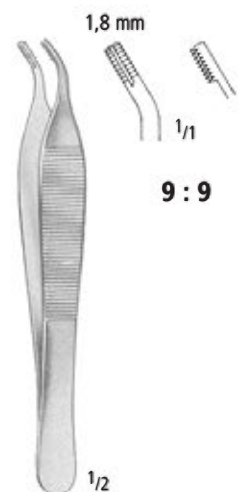
**ADSON**  
**AB 114/12**  
 12,0 cm/4<sup>3</sup>/<sub>4</sub>"



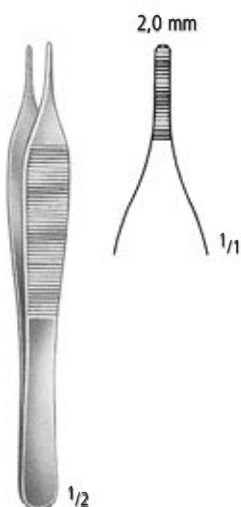
**ADSON 1:2**  
**AB 115/12**  
 12,0 cm/4<sup>3</sup>/<sub>4</sub>"



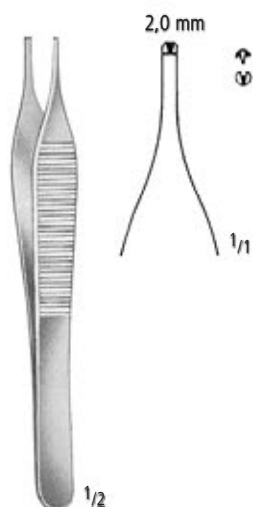
**ADSON-BROWN**  
 12,0 cm/4<sup>3</sup>/<sub>4</sub>"



**ADSON-BROWN**  
**AB 117/09**  
 12,0 cm/4<sup>3</sup>/<sub>4</sub>"



**EWALD**  
**AB 118/01**  
 12,0 cm/4<sup>3</sup>/<sub>4</sub>"



**EWALD 1:2**  
**AB 118/02**  
 12,0 cm/4<sup>3</sup>/<sub>4</sub>"



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



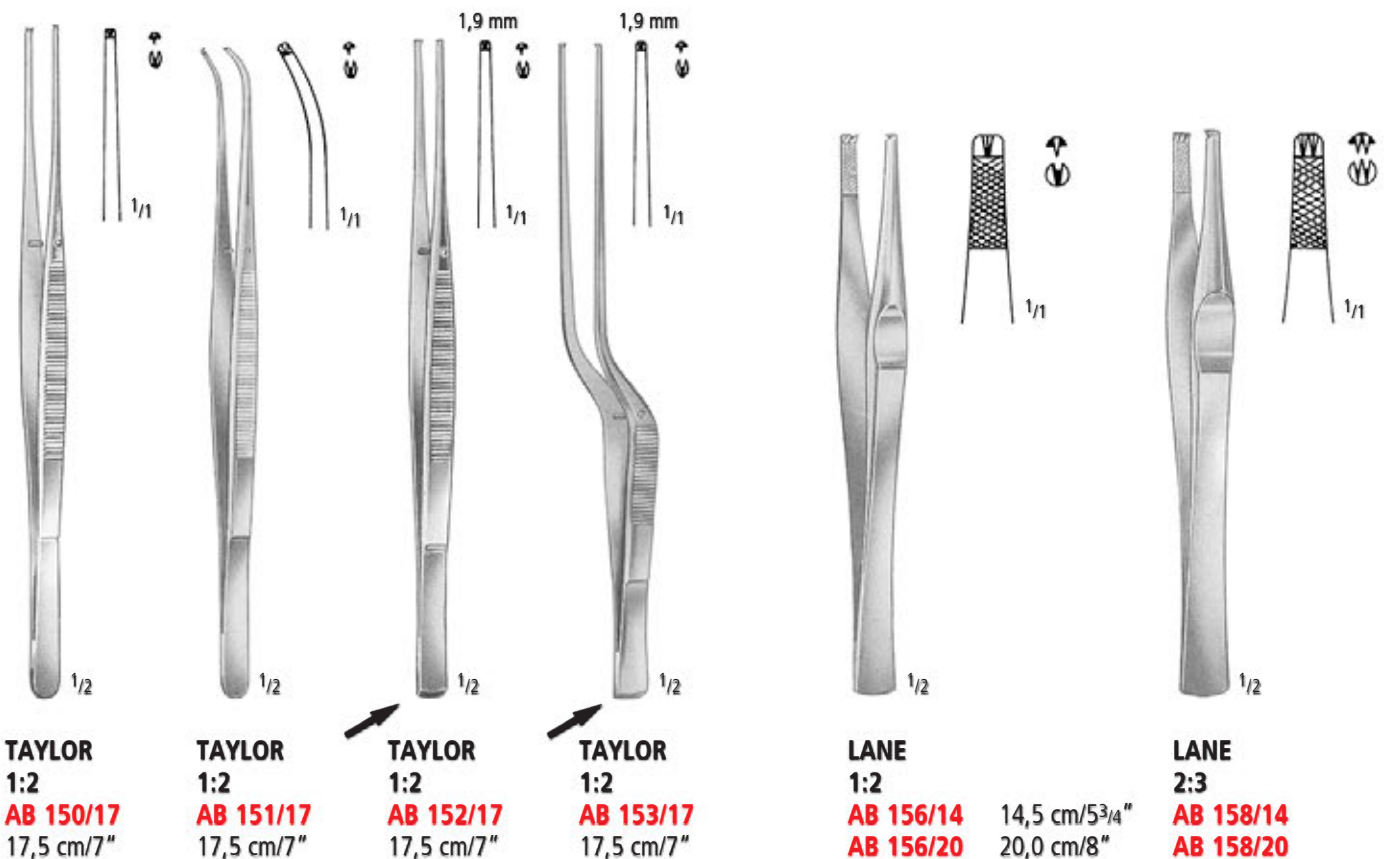
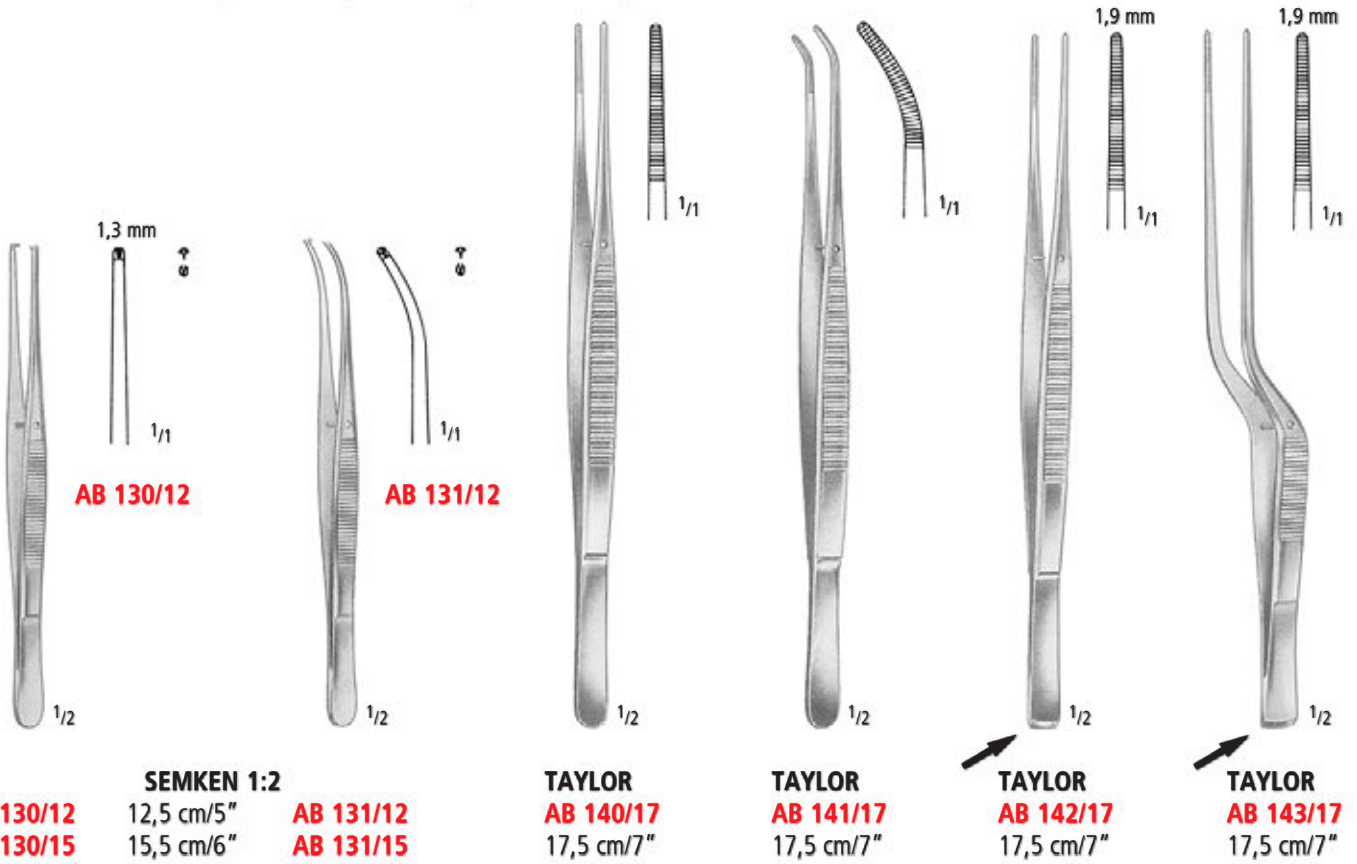
**AB 120/12**  
**AB 120/15**



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

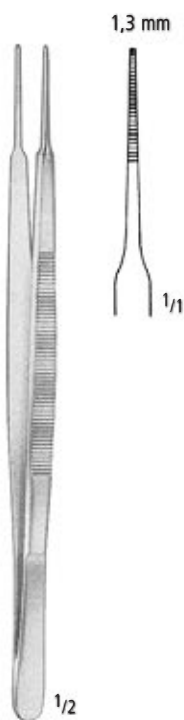
**AB** PINZETTEN FORCEPS PINZAS PINCES PINZE

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

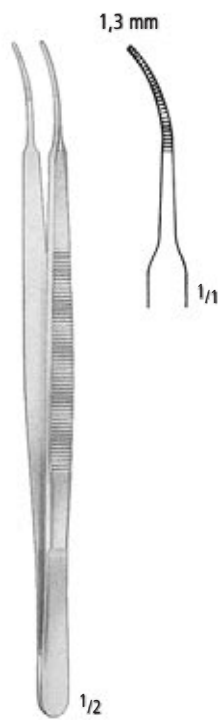


PINZETTEN FORCEPS PINZAS PINCES PINZE

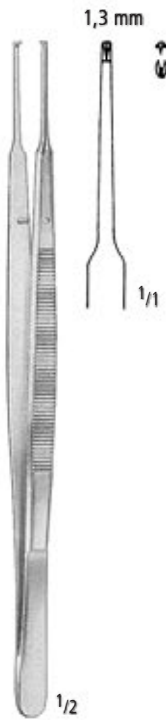
Anatomische Pinzetten, Chirurgische Pinzetten  
 Dressing Forceps, Tissue Forceps  
 Pinzas de disección, Pinzas de disección con dientes  
 Pincers à dissection, Pincers à griffes  
 Pinze anatomiche per dissezione, Pinze chirurgiche a denti di topo



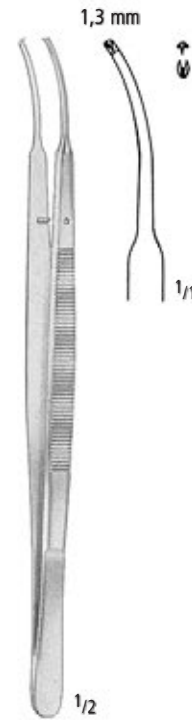
**GERALD**  
**AB 160/18** 18,0 cm/7"



**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"

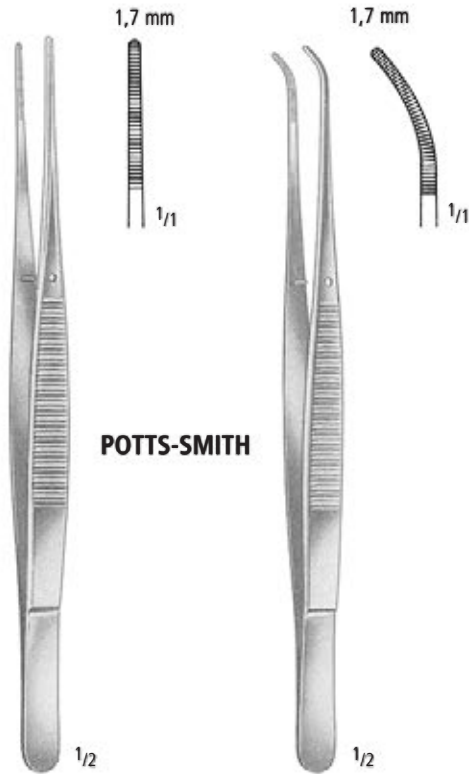


**CUSHING 1:2**  
**AB 191/17**

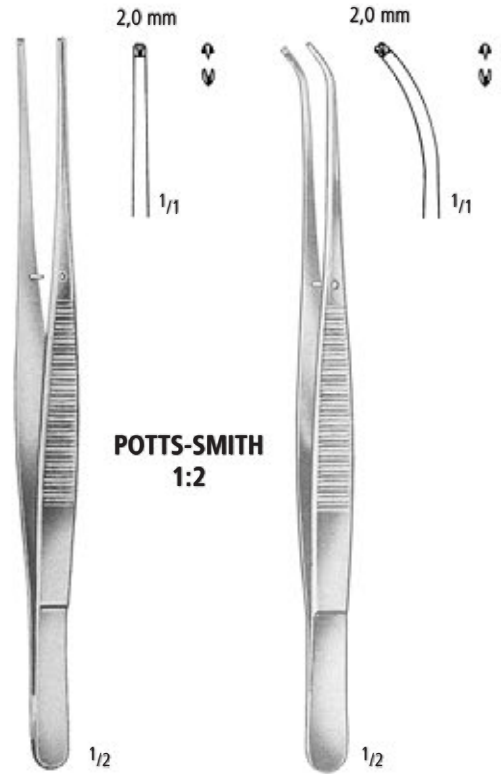
AA  
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**AB** PINZETTEN FORCEPS PINZAS PINCES PINZE

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



**POTTS-SMITH**



**POTTS-SMITH  
1:2**

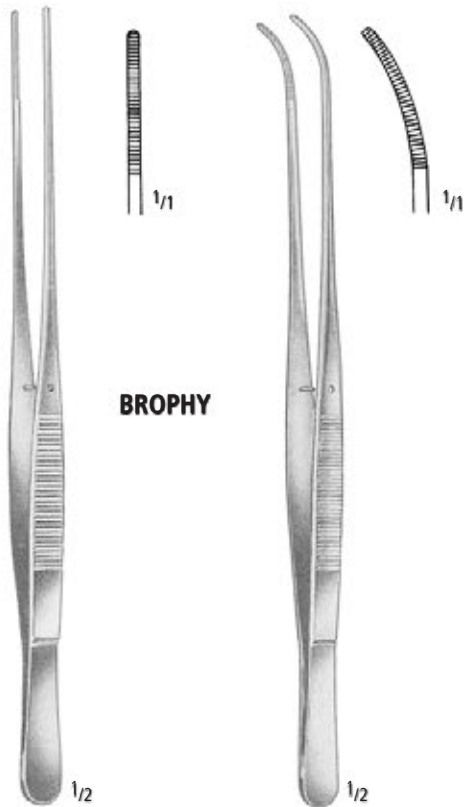
18,0 cm/7"

**AB 200/18**

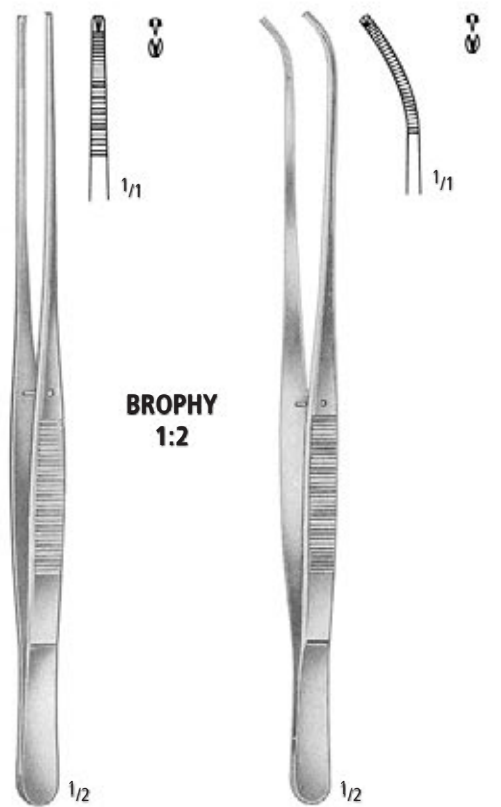
**AB 201/18**

**AB 210/18**

**AB 211/18**



**BROPHY**



**BROPHY  
1:2**

20,0 cm/8"

**AB 250/20**

**AB 251/20**

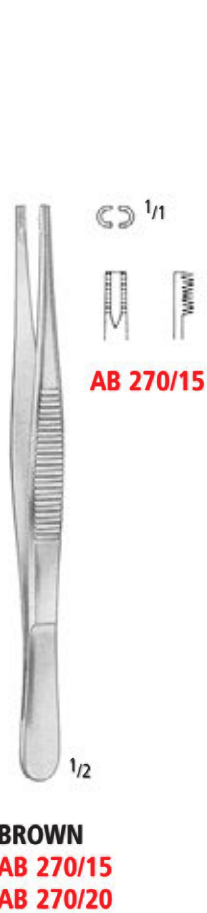
**AB 260/20**

**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

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



AA  
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 AJ  
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**AB** PINZETTEN FORCEPS PINZAS PINCES PINZE

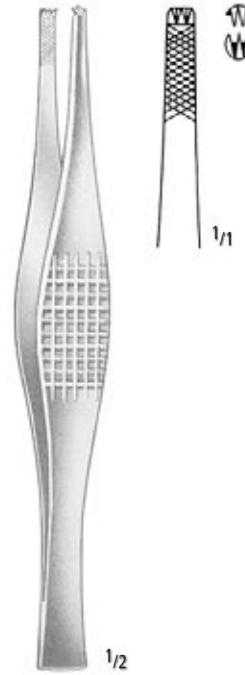
Anatomische Pinzetten, Chirurgische Pinzetten  
 Dressing Forceps, Tissue Forceps  
 Pinzas de disección, Pinzas de disección con dientes  
 Pincers à dissection, Pincers à griffes  
 Pinze anatomiche per dissezione, Pinze chirurgiche a denti di topo



**AB 316/20**

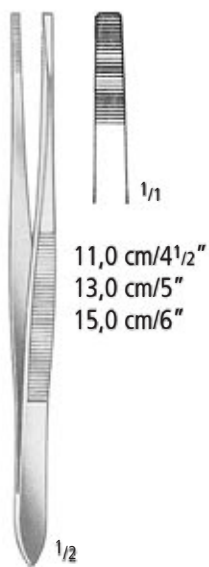
**STILLE-BARRAYA 3:4**

18,0 cm/7" **AB 316/18**  
 20,0 cm/8" **AB 316/20**



**FERRIS-SMITH 2:3**

**AB 320/18**  
 18,0 cm/7"



11,0 cm/4 1/2"  
 13,0 cm/5"  
 15,0 cm/6"

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



**4:5**  
**AB 404/15**

**ADLERKREUTZ**

**AB 404/15**  
**AB 404/20**

PINZETTEN FORCEPS PINZAS PINCES PINZE

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

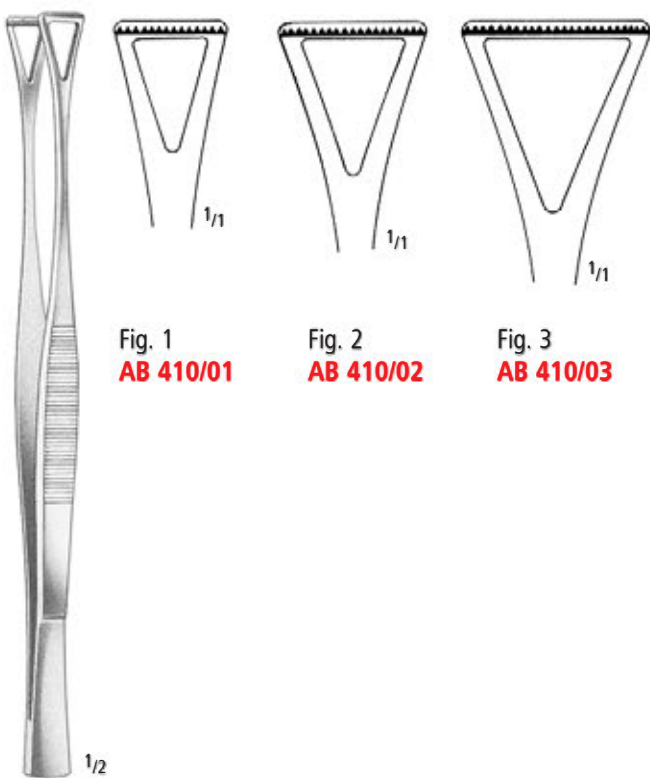
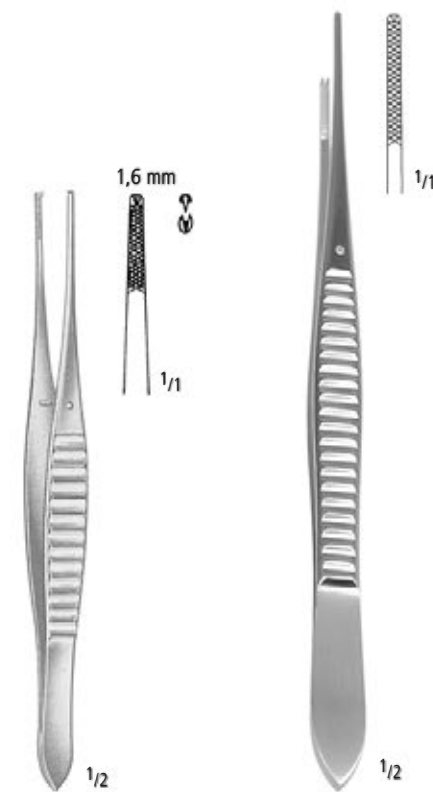


Fig. 1  
**AB 410/01**

Fig. 2  
**AB 410/02**

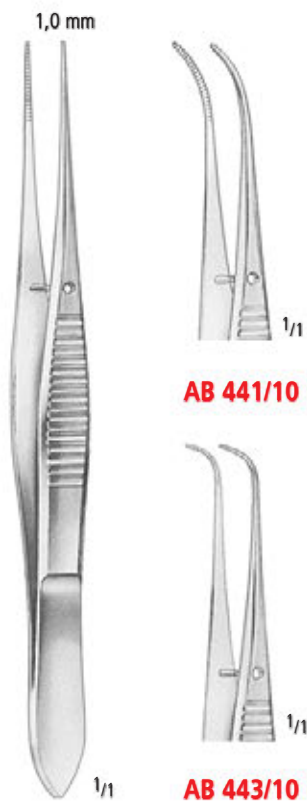
Fig. 3  
**AB 410/03**

**COLLIN-DUVAL**  
 20,0 cm/8"



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

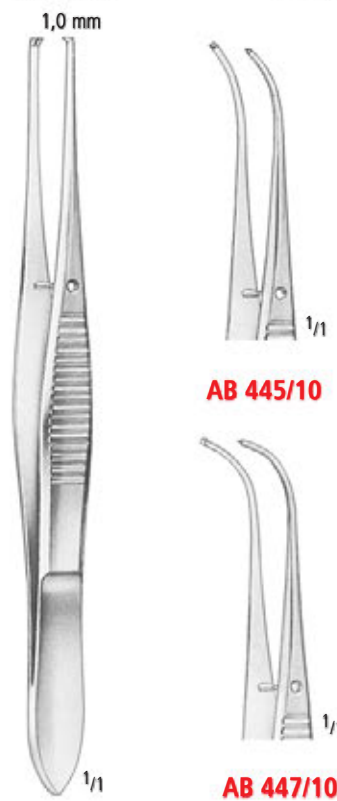
**WAUGH 1:2**  
**AB 434/20**  
 20,5 cm/8"



**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**

AA  
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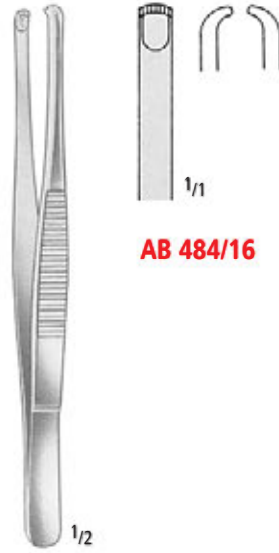
**AB** PINZETTEN FORCEPS PINZAS PINCES PINZE

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



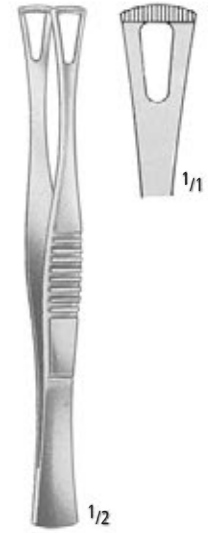
**AB 480/15**

**RUSS. MODELL**  
 15,0 cm/6" **AB 480/15**  
 20,0 cm/8" **AB 480/20**



**AB 484/16**

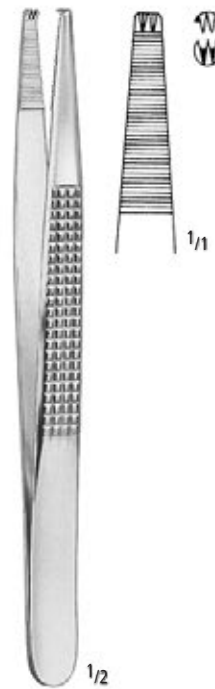
**DURANTE**  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>" **AB 484/14**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>" **AB 484/16**  
 20,0 cm/8" **AB 484/20**



**DUVAL**  
**AB 486/14**  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"



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












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



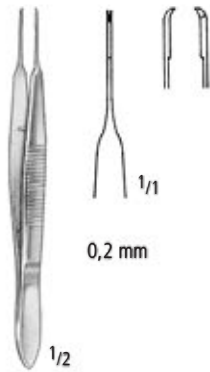
PINZETTEN FORCEPS PINZAS PINCES PINZE

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

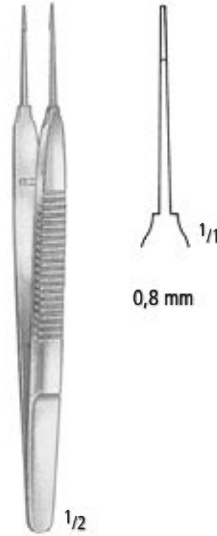
	1/1	No. 1	<b>AB 501/01</b> 12,0 cm/4 <sup>3</sup> / <sub>4</sub> "	AA
	1/1	No. 2	<b>AB 501/02</b> 12,0 cm/4 <sup>3</sup> / <sub>4</sub> "	AB
	1/1	No. 3	<b>AB 501/03</b> 12,0 cm/4 <sup>3</sup> / <sub>4</sub> "	AC
	1/1	No. 4	<b>AB 501/04</b> 11,0 cm/4 <sup>1</sup> / <sub>3</sub> "	AD
	1/1	No. 5	<b>AB 501/05</b> 11,0 cm/4 <sup>1</sup> / <sub>3</sub> "	AE
	1/1	No. 5a	<b>AB 501/15</b> 11,0 cm/4 <sup>1</sup> / <sub>3</sub> "	AF
	1/1	No. 5/45°	<b>AB 501/45</b> 10,5 cm/4 <sup>1</sup> / <sub>4</sub> "	AG
	1/1	No. 5/90°	<b>AB 501/90</b> 10,5 cm/4 <sup>1</sup> / <sub>4</sub> "	AH
	1/1	No. 7	<b>AB 502/07</b> 11,5 cm/4 <sup>1</sup> / <sub>2</sub> "	AI

**AB** PINZETTEN FORCEPS PINZAS PINCES PINZE

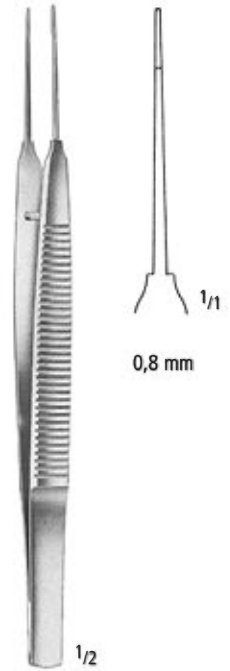
Mikro-Pinzetten, Knüpfpinzetten mit Plateau  
 Micro Forceps, Suture Tying Forceps with platform  
 Micro-Pinzas, Pinzas de ligadura con plataforma  
 Micro-Pinces, Pinces à ligature avec plate-forme  
 Micro-Pinze, Pinze per ligature con piattaforma



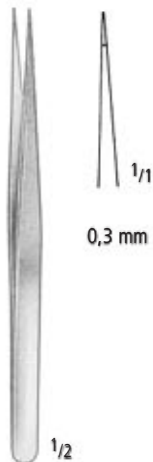
**1:2**  
**AB 530/09**  
 9,5 cm/3<sup>3</sup>/<sub>4</sub>"



**AUSTIN**  
**AB 532/14**  
 14,0 cm/5<sup>1</sup>/<sub>2</sub>"



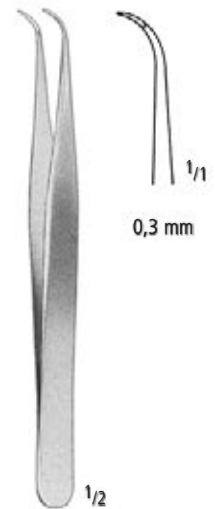
**AUSTIN**  
**AB 532/18**  
 18,0 cm/7"



**AB 534/12**  
 12,0 cm/4<sup>3</sup>/<sub>4</sub>"



**VISE**  
**AB 534/13**  
 13,5 cm/5<sup>1</sup>/<sub>4</sub>"



**VISE**  
**AB 535/13**  
 13,5 cm/5<sup>1</sup>/<sub>4</sub>"

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"



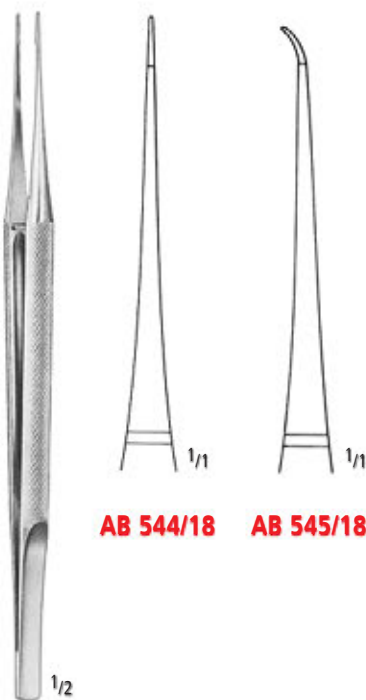
**1:2**  
**AB 540/14**  
 14,0 cm/5 1/2"



**AB 542/12 AB 543/12**

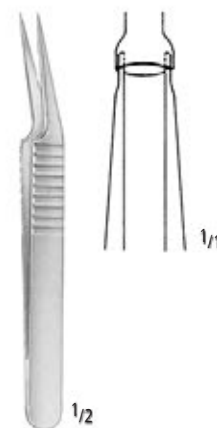
12,0 cm/4 3/4"  
 15,0 cm/6"

**AB 542/12 AB 543/12**  
**AB 542/15 AB 543/15**



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

18,0 cm/7"



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

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

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



**FEILCHENFELD**  
 7,5 cm/3" **AB 550/07**  
 9,0 cm/3½" **AB 550/09**  
 11,5 cm/4½" **AB 550/11**



**HUNTER**  
**AB 552/10**  
 10,5 cm/4¼"



**HUNTER**  
**AB 553/10**  
 10,5 cm/4¼"

PINZETTEN FORCEPS PINZAS PINCES PINZE

Splitter-Pinzetten  
 Splinter Forceps  
 Pinzas para espinas  
 Pincès à écharde  
 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/3½"  
 10,5 cm/4¼"  
 11,5 cm/4⅓"  
 12,5 cm/5"  
 14,5 cm/5¾"



**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/4¼"  
 11,5 cm/4½"  
 12,5 cm/5"  
 14,5 cm/5¾"



**AB 566/10**

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



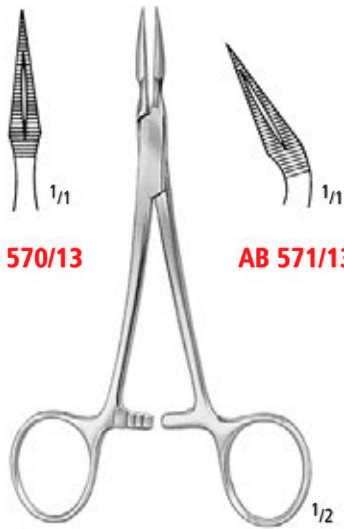
**AB 567/10**

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

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

**AB** PINZETTEN FORCEPS PINZAS PINCES PINZE

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



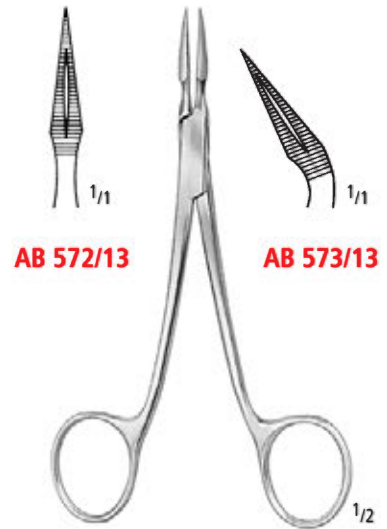
**AB 570/13**

**AB 571/13**

**STIEGLITZ**  
 13,5 cm/5 1/4"



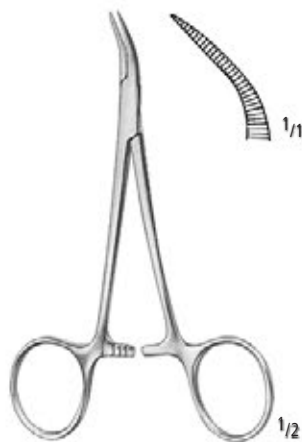
**STIEGLITZ**  
**AB 571/90**  
 13,5 cm/5 1/4"



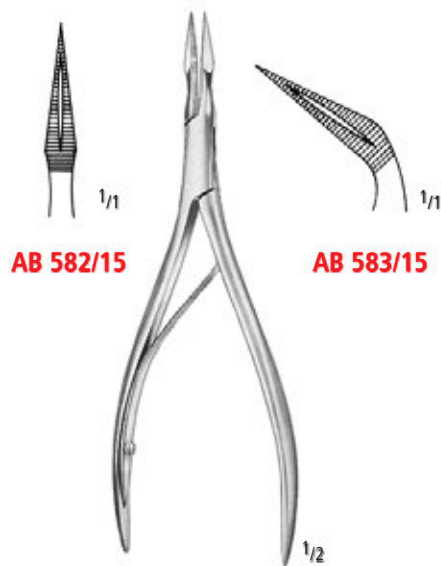
**AB 572/13**

**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

AB

AC

AD

AE

AF

AK

AL

AO

AP

AR

KA

KL

KM

KO

KU

KYE

X

**AB** PINZETTEN FORCEPS PINZAS PINCES PINZE

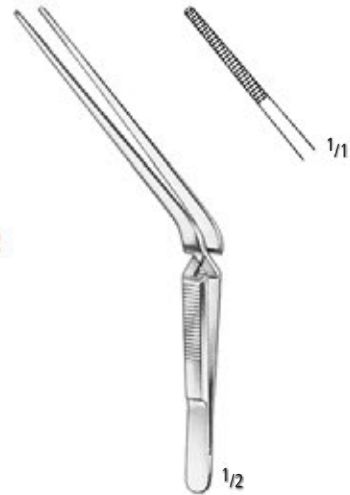
Ohr- und Nasenpinzetten  
 Ear and Nose Dressing Forceps  
 Pinzas auriculares y nasales  
 Pincès auriculaires et nasales  
 Pinze auricolare e nasale



**AB 650/11**



**AB 652/12**



**TROELTSCH (WILDE)**

Mod. Jalasvirta

**AB 654/11**

**AB 654/13**

11,0 cm/4<sup>1</sup>/<sub>3</sub>"

13,0 cm/5"

11,0 cm/4<sup>1</sup>/<sub>3</sub>"  
 12,0 cm/4<sup>3</sup>/<sub>4</sub>"  
 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**

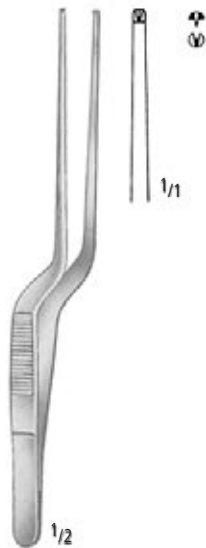
**AB 652/15**

**AB 652/18**



**LUCAE**  
**AB 656/14**

14,0 cm/5<sup>1</sup>/<sub>2</sub>"



**LUCAE 1:2**  
**AB 658/14**

14,0 cm/5<sup>1</sup>/<sub>2</sub>"



**AB 660/18**

**JANSEN**

16,0 cm/6<sup>1</sup>/<sub>4</sub>"

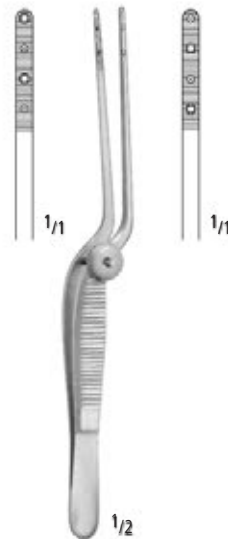
**AB 660/16**

18,0 cm/7"

**AB 660/18**

20,0 cm/8"

**AB 660/20**



**COTTLE**  
**AB 665/14**

14,0 cm/5<sup>1</sup>/<sub>2</sub>"



**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  
 Pincas à fixer, Pincas pour sutures  
 Pinze fissatrice, Pinze per sutura



**ST. MARTIN 1:2**  
**AB 812/07**  
 7,0 cm/2<sup>3</sup>/<sub>4</sub>"



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

**CASTROVIEJO 1:2**  
 10,0 cm/4"

**AB 816/01**

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



**AB 817/01**

**CASTROVIEJO 1:2**  
 10,0 cm/4"

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



**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

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

**AB** PINZETTEN FORCEPS PINZAS PINCES PINZE

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



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



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

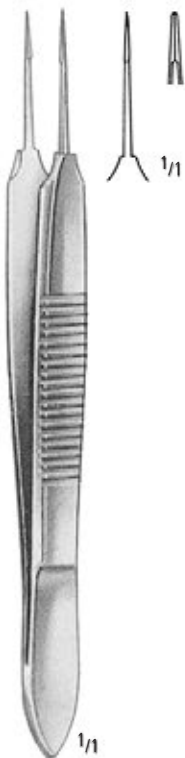


10 x  
0,12 mm **AB 825/01**



**AB 825/02**

**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"



**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

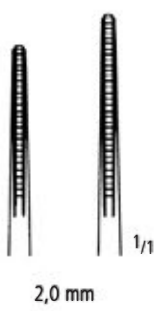


1,5 mm

**AB 860/16** = 16,0 cm/6 1/4"  
**AB 860/20** = 20,0 cm/8"

1/2

DE BAKAY

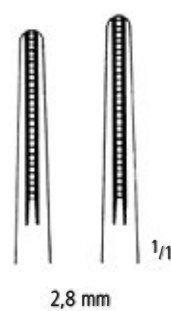


2,0 mm

**AB 862/16** = 16,0 cm/6 1/4"  
**AB 862/20** = 20,0 cm/8"

1/2

DE BAKAY

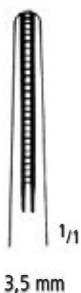


2,8 mm

**AB 864/16** = 16,0 cm/6 1/4"  
**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/6 1/4"  
**AB 869/20** = 20,0 cm/8"

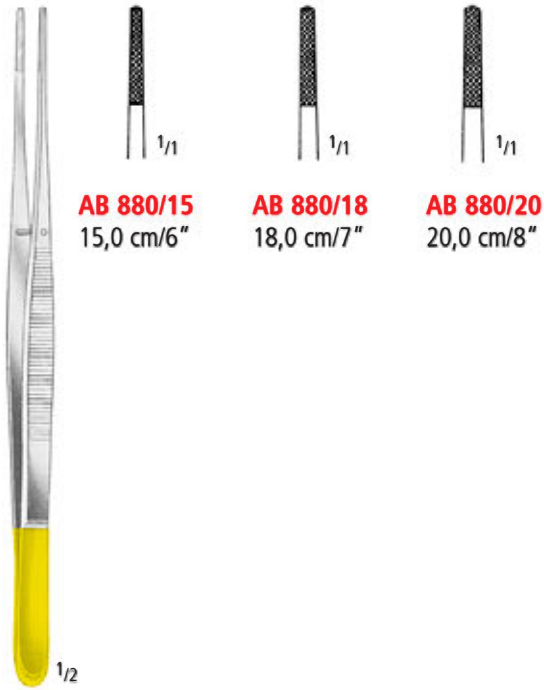
1/2

DE BAKAY

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

**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

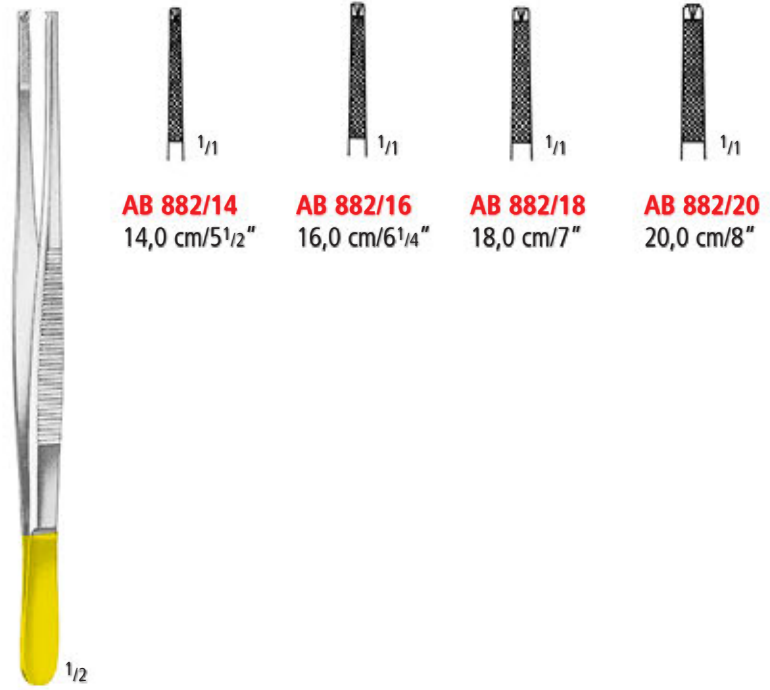


**AB 880/15**  
15,0 cm/6"

**AB 880/18**  
18,0 cm/7"

**AB 880/20**  
20,0 cm/8"

**POTTS-SMITH**



**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"

**OEHLER 1:2**



**AB 890/12**

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



**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

Pinces à dissection avec mors en carbure de tungstène

Pinze per dissezione con punte di carburo di tungsteno



**ADSON**

**AB 930/12**  
12,0 cm/4<sup>3</sup>/<sub>4</sub>"



**AB 932/12**  
12,0 cm/4<sup>3</sup>/<sub>4</sub>"



**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  
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

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



**DE BAKEY**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"  
 20,0 cm/8"

1,5 mm	2,0 mm
<b>AB 944/16</b>	<b>AB 946/16</b>
<b>AB 944/20</b>	<b>AB 946/20</b>



**BONNEY 1:2**  
 18,0 cm/7"



**WANGENSTEEN**  
 15,0 cm/6"

SCHEREN  
SCISSORS  
TIJERAS  
CISEAUX  
FORBICI

AC

nopa<sup>®</sup> 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.

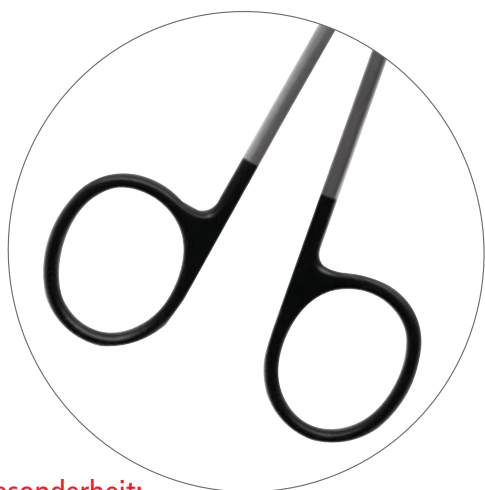
Per gli altri forbici, consultare il nostro catalogo „Strumentazione Generale“, gruppo AC.







nopa® SC  
SUPER CUT



**Besonderheit:**

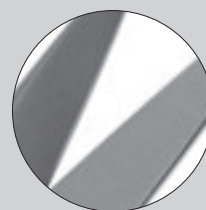
nopa Super Cut Scheren haben eine rasierklingscharfe Schneide, kombiniert mit einer mikrogezahnten Schneide.

>> Diese Scheren sind durch schwarze Ringe gekennzeichnet.

**Features:**

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

>> Black rings for easy identification.



SUPER CUT

**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	LEX R Dissecting Scissors, straight, 16.0 cm SC
AC 171/16 SC	LEX R 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	REM OLDS Dissecting Scissors, straight, sharp, 15.0 cm SC
AC 214/18 SC	REM OLDS Dissecting Scissors, straight, sharp, 18.0 cm SC
AC 215/15 SC	REM OLDS Dissecting Scissors, curved, sharp, 15.0 cm SC
AC 215/18 SC	REM OLDS 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

AA  
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AL  
AO  
AP  
AR  
KA  
KL  
KM  
KO  
KU  
KYE  
X

**AC** SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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



Original 13,0 cm

**STANDARD**

Fig.1  
gerade  
straight  
rectas  
droits  
rette

- AC 010/10 10,5 cm/4<sup>1</sup>/<sub>4</sub>"
- AC 010/11 11,5 cm/4<sup>1</sup>/<sub>2</sub>"
- AC 010/13 13,0 cm/5"
- AC 010/14\* 14,5 cm/5<sup>3</sup>/<sub>4</sub>"
- AC 010/15 15,5 cm/6"
- AC 010/16 16,5 cm/6<sup>1</sup>/<sub>2</sub>"
- AC 010/17 17,5 cm/7"
- AC 010/18 18,5 cm/7<sup>1</sup>/<sub>3</sub>"
- AC 010/20 20,0 cm/8"

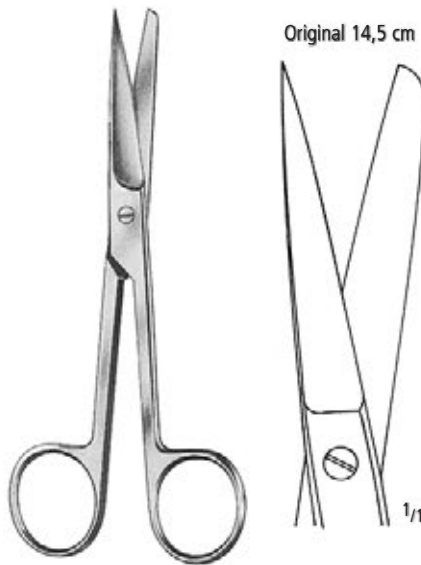
**STANDARD**

Fig.1  
gebogen  
curved  
curvas  
courbes  
curve

- AC 011/10 10,5 cm/4<sup>1</sup>/<sub>4</sub>"
- AC 011/11 11,5 cm/4<sup>1</sup>/<sub>2</sub>"
- AC 011/13 13,0 cm/5"
- AC 011/14\* 14,5 cm/5<sup>3</sup>/<sub>4</sub>"
- AC 011/15 15,5 cm/6"
- AC 011/16 16,5 cm/6<sup>1</sup>/<sub>2</sub>"
- AC 011/17 17,5 cm/7"
- AC 011/18 18,5 cm/7<sup>1</sup>/<sub>3</sub>"
- AC 011/20 20,0 cm/8"



Original 13,0 cm



Original 14,5 cm

**STANDARD**

Fig.2  
gerade  
straight  
rectas  
droits  
rette

- AC 020/10 10,5 cm/4<sup>1</sup>/<sub>4</sub>"
- AC 020/11 11,5 cm/4<sup>1</sup>/<sub>2</sub>"
- AC 020/13 13,0 cm/5"
- AC 020/14\* 14,5 cm/5<sup>3</sup>/<sub>4</sub>"
- AC 020/15 15,5 cm/6"
- AC 020/16 16,5 cm/6<sup>1</sup>/<sub>2</sub>"
- AC 020/17 17,5 cm/7"
- AC 020/18 18,5 cm/7<sup>1</sup>/<sub>3</sub>"
- AC 020/20 20,0 cm/8"

**STANDARD**

Fig.2  
gebogen  
curved  
curvas  
courbes  
curve

- AC 021/10 10,5 cm/4<sup>1</sup>/<sub>4</sub>"
- AC 021/11 11,5 cm/4<sup>1</sup>/<sub>2</sub>"
- AC 021/13 13,0 cm/5"
- AC 021/14\* 14,5 cm/5<sup>3</sup>/<sub>4</sub>"
- AC 021/15 15,5 cm/6"
- AC 021/16 16,5 cm/6<sup>1</sup>/<sub>2</sub>"
- AC 021/17 17,5 cm/7"
- AC 021/18 18,5 cm/7<sup>1</sup>/<sub>3</sub>"
- AC 021/20 20,0 cm/8"



Original 14,5 cm



Original 16,5 cm

**STANDARD**

Fig.3  
gerade  
straight  
rectas  
droits  
rette

- AC 030/10 10,5 cm/4<sup>1</sup>/<sub>4</sub>"
- AC 030/11 11,5 cm/4<sup>1</sup>/<sub>2</sub>"
- AC 030/13 13,0 cm/5"
- AC 030/14\* 14,5 cm/5<sup>3</sup>/<sub>4</sub>"
- AC 030/15 15,5 cm/6"
- AC 030/16 16,5 cm/6<sup>1</sup>/<sub>2</sub>"
- AC 030/17 17,5 cm/7"
- AC 030/18 18,5 cm/7<sup>1</sup>/<sub>3</sub>"
- AC 030/20 20,0 cm/8"

**STANDARD**

Fig.3  
gebogen  
curved  
curvas  
courbes  
curve

- AC 031/10 10,5 cm/4<sup>1</sup>/<sub>4</sub>"
- AC 031/11 11,5 cm/4<sup>1</sup>/<sub>2</sub>"
- AC 031/13 13,0 cm/5"
- AC 031/14\* 14,5 cm/5<sup>3</sup>/<sub>4</sub>"
- AC 031/15 15,5 cm/6"
- AC 031/16 16,5 cm/6<sup>1</sup>/<sub>2</sub>"
- AC 031/17 17,5 cm/7"
- AC 031/18 18,5 cm/7<sup>1</sup>/<sub>3</sub>"
- AC 031/20 20,0 cm/8"



Original 16,5 cm

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/5<sup>3</sup>/<sub>4</sub>"

Original 13,0 cm



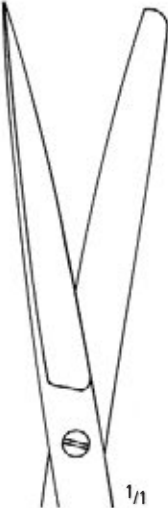
**GRAZIL**

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/5<sup>3</sup>/<sub>4</sub>"

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/5<sup>3</sup>/<sub>4</sub>"

Original 14,5 cm



**GRAZIL**

Fig. 3  
gebogen  
curved  
curvas  
courbes  
curve

**AC 047/13**  
**AC 047/14**

AA  
AB  
**AC**  
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AZ

**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/5<sup>3</sup>/<sub>4</sub>"



**AC 054/15**  
 15,5 cm/6"



**RICHTER**  
**AC 056/14**  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"



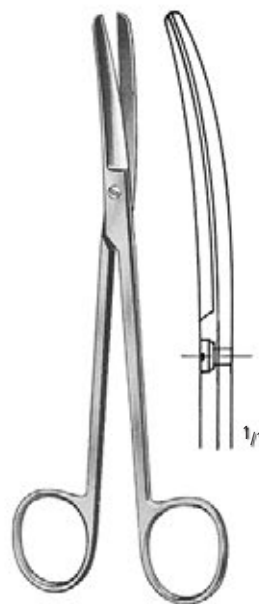
**AC 060/14**



**DEAVER**  
 14,0 cm/5<sup>1</sup>/<sub>2</sub>" **AC 061/14**



**AC 062/15**

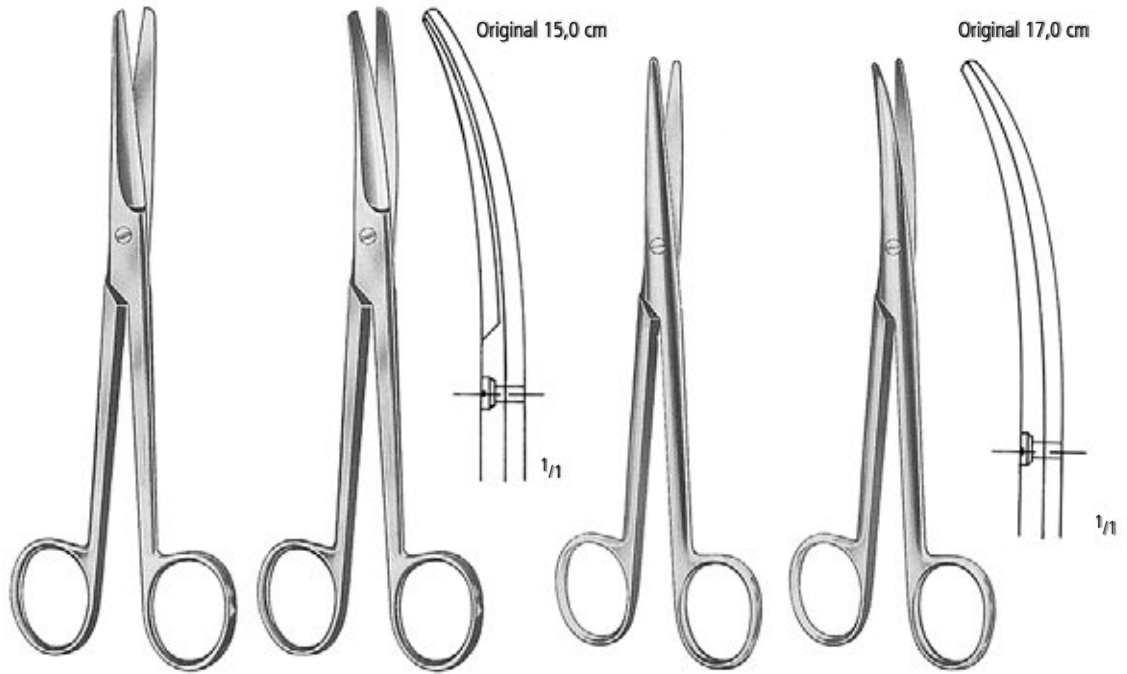


**MIXTER**  
 15,5 cm/6"

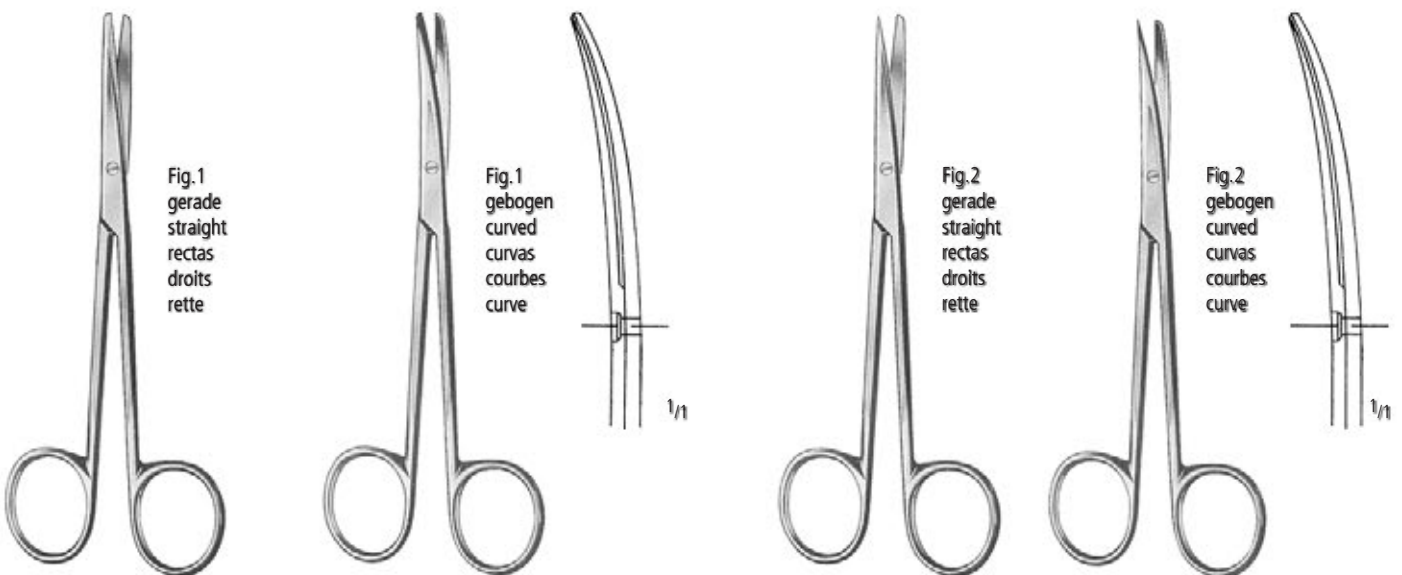
**AC 063/15**

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



**METZENBAUM**  
**AC 100/14\***  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

**METZENBAUM**  
**AC 101/14\***  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

**METZENBAUM**  
**AC 102/14**  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

**METZENBAUM**  
**AC 103/14**  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

\* Auch erhältlich als SC \* Also available as SC

AA  
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AL  
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KL  
KM  
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KU  
KYE  
X

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/5<sup>3</sup>/<sub>4</sub>"

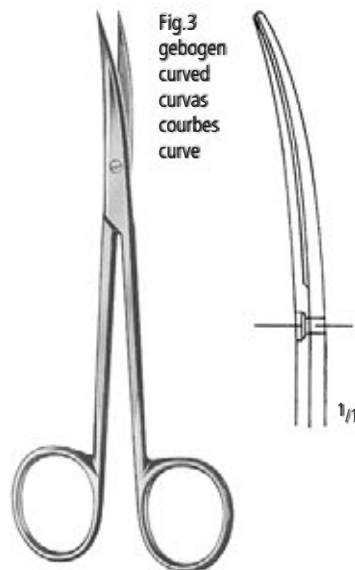


Fig.3  
 gebogen  
 curved  
 curvas  
 courbes  
 curve

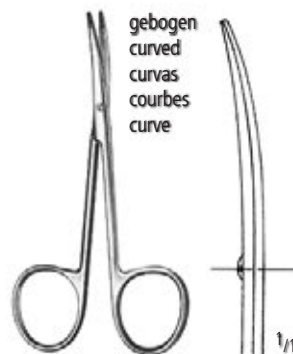
**AC 105/14**  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

**METZENBAUM**



gerade  
 straight  
 rectas  
 droits  
 rette

**AC 108/11**  
 11,5 cm/4<sup>1</sup>/<sub>2</sub>"



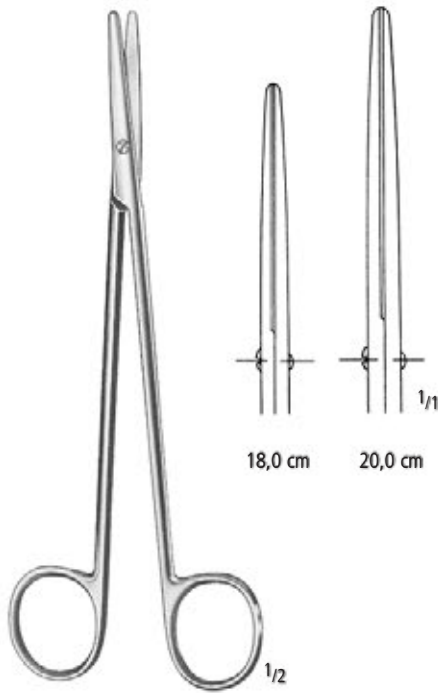
gebogen  
 curved  
 curvas  
 courbes  
 curve

**AC 109/11**  
 11,5 cm/4<sup>1</sup>/<sub>2</sub>"

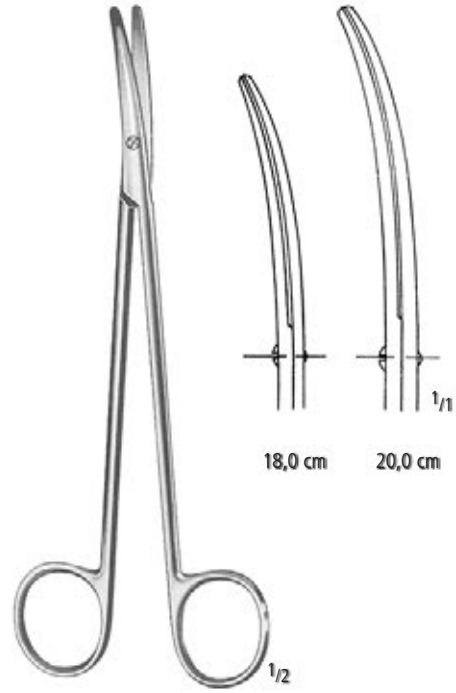
**METZENBAUM-BABY**

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

AA  
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**AC**  
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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**

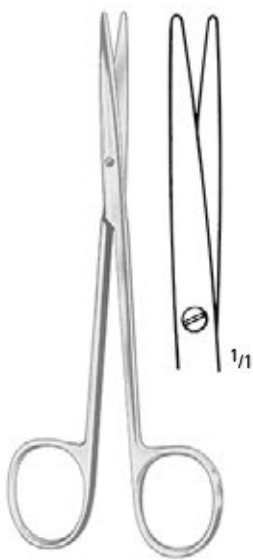


Fig. 1  
**AC 140/14\***  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

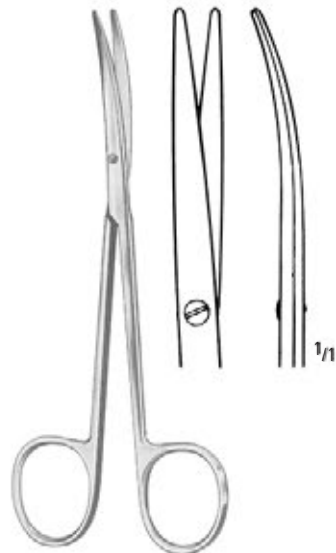


Fig. 1  
**AC 141/14\***  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"



Fig. 3  
**AC 142/14**  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

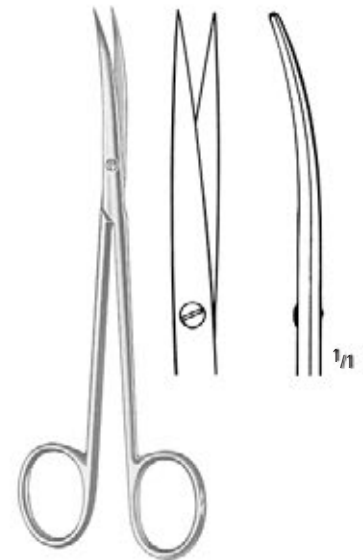


Fig. 3  
**AC 143/14**  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

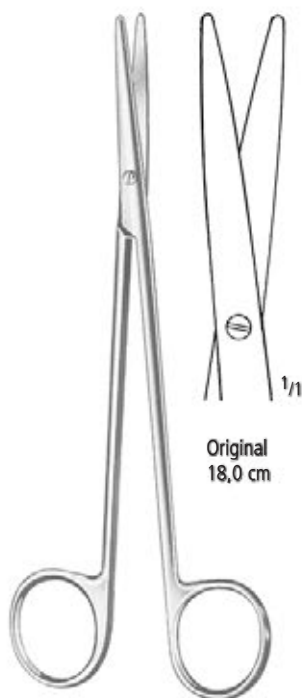


Fig. 1

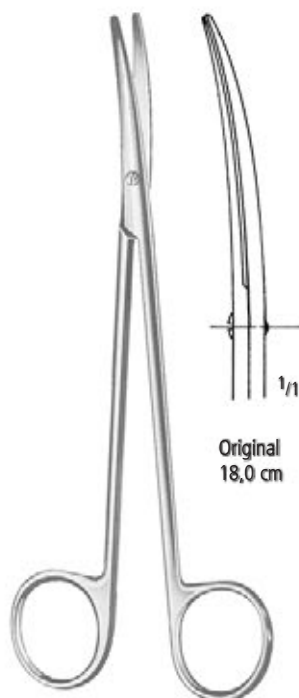


Fig. 1

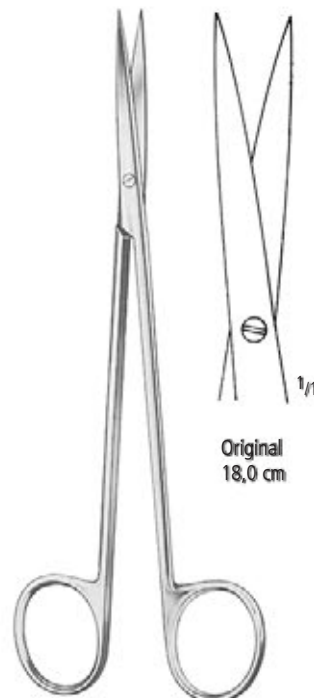


Fig. 3

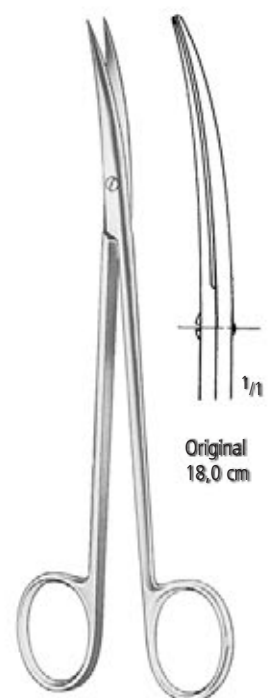


Fig. 3

18,0 cm/7"	<b>AC 150/18*</b>	<b>AC 151/18*</b>	<b>AC 152/18</b>	<b>AC 153/18</b>
20,0 cm/8"	<b>AC 150/20</b>	<b>AC 151/20</b>	<b>AC 152/20</b>	<b>AC 153/20</b>



SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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



**TREPSAT**  
 18,0 cm/7"



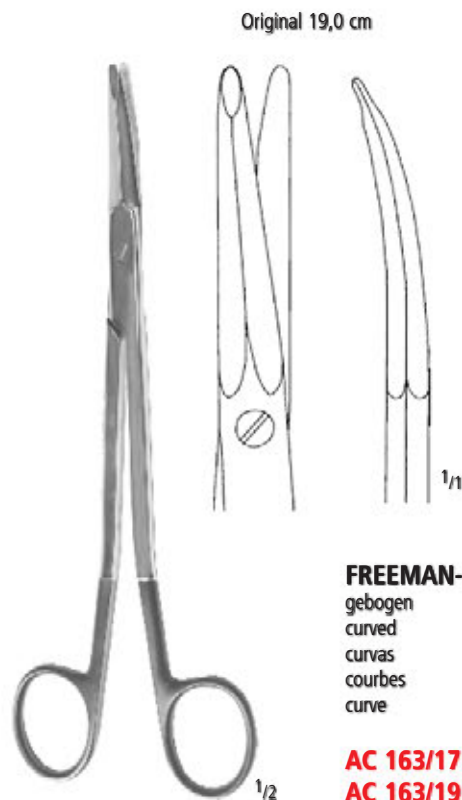
**AC 160/05**  
 5,0 mm



**AC 160/08**  
 8,0 mm



**AC 160/15**  
 15,0 mm



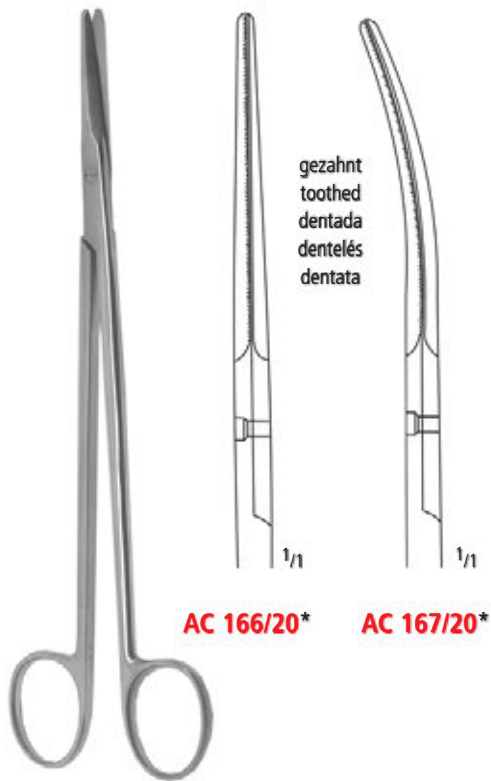
**FREEMAN-GORNEY**  
 gebogen  
 curved  
 curvas  
 courbes  
 curve

- AC 163/17** 17,0 cm/6<sup>3</sup>/<sub>4</sub>"
- AC 163/19** 19,0 cm/7<sup>1</sup>/<sub>2</sub>"
- AC 163/23** 23,0 cm/9"

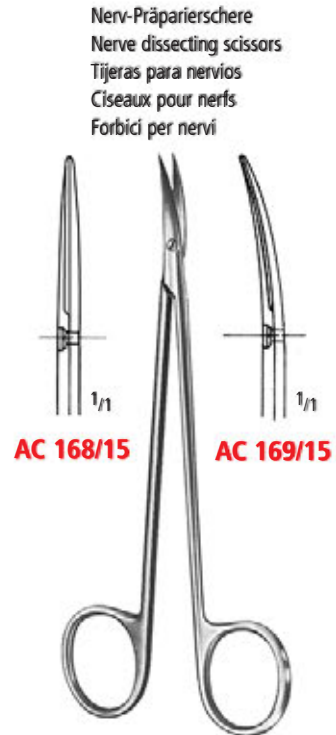
AA  
 AB  
**AC**  
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 KU  
 KYE  
 X

**AC** SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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



**GORNEY**  
19,5 cm/7<sup>3</sup>/<sub>4</sub>"



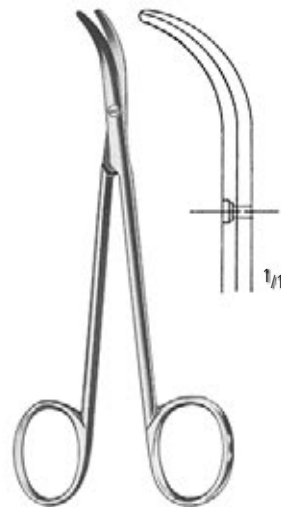
15,0 cm/6"



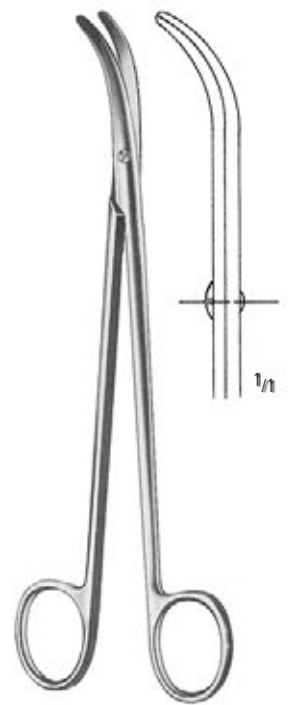
**LEXER**  
**AC 170/16\***  
16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**LEXER**  
**AC 171/16\***  
16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**FOMON**  
**AC 173/13**  
13,5 cm/5<sup>1</sup>/<sub>4</sub>"



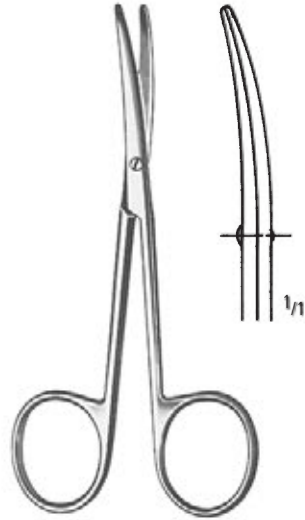
**THOREK**  
**AC 175/19**  
19,0 cm/7<sup>1</sup>/<sub>2</sub>"

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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



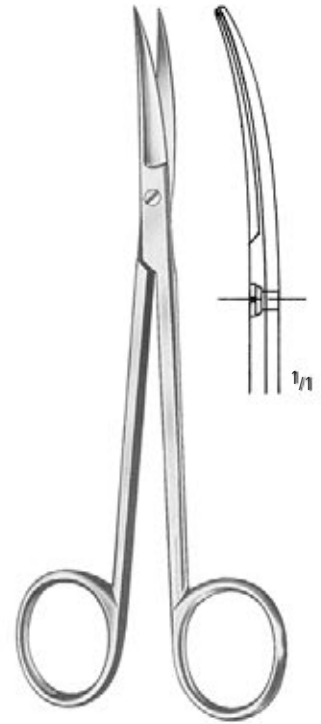
**LEXER-BABY**  
**AC 176/10**  
10,0 cm/4"



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



**AC 200/14**  
14,0 cm/5½"

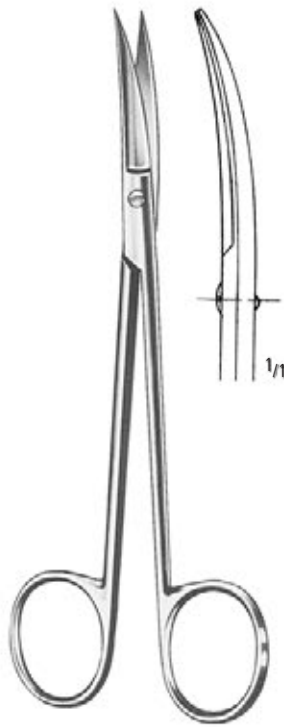


**SANVENERO**

**AC 201/14**  
14,0 cm/5½"



**AC 204/14\***  
14,0 cm/5½"



**JOSEPH**

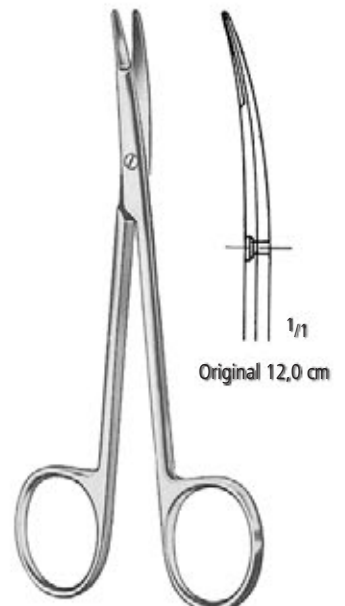
**AC 205/14\***  
14,0 cm/5½"



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

**KILNER (RAGNELL)**

12,0 cm/4¾"  
15,0 cm/6"  
18,0 cm/7"  
20,0 cm/8"



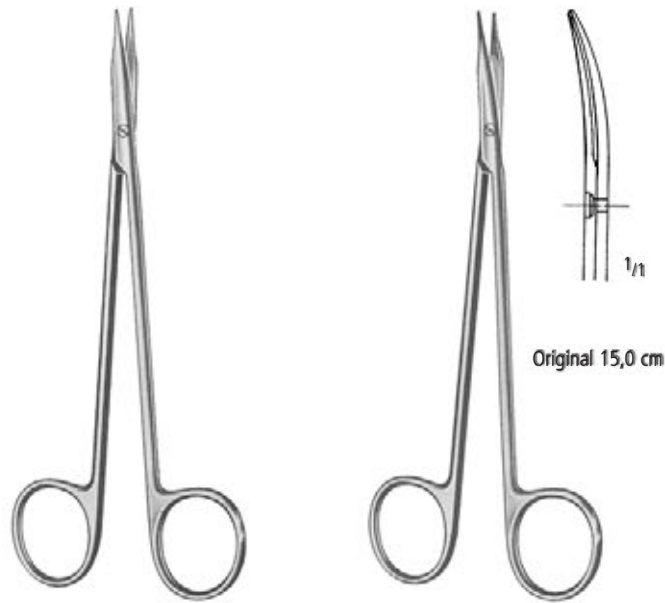
**AC 210/12\***  
**AC 210/15**  
**AC 210/18**  
**AC 210/20**

Original 12,0 cm

AA  
AB  
**AC**  
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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"

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

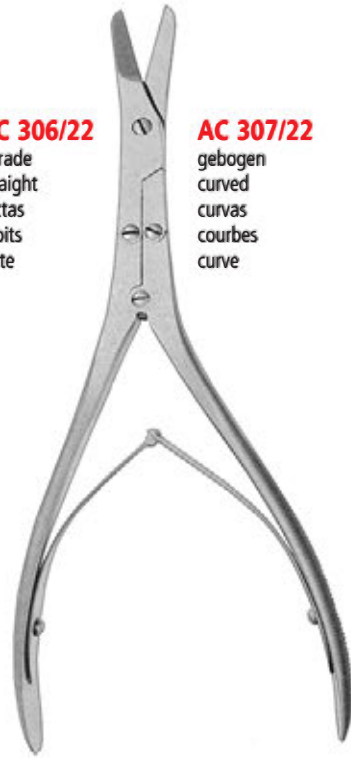
Nasenscheren, Kropfschere  
 Nasal Scissors, Goitre Enucleation Scissors  
 Tijeras nasales, Tijeras para bocio  
 Ciseaux nasaux, Ciseaux à goitre  
 Forbici nasali, Forbici per gozzo

**AC 306/22**  
 gerade  
 straight  
 rectas  
 droits  
 rette

**AC 307/22**  
 gebogen  
 curved  
 curvas  
 courbes  
 curve



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



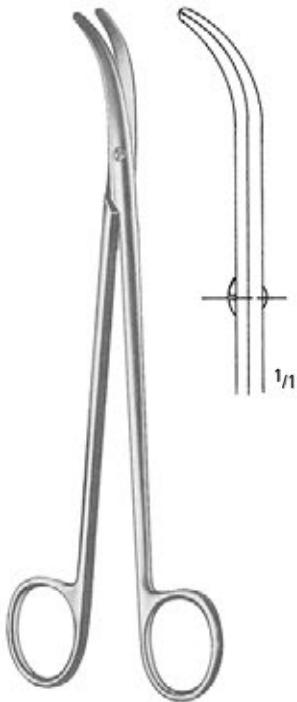
**CAPLAN**  
 22,0 cm/9"



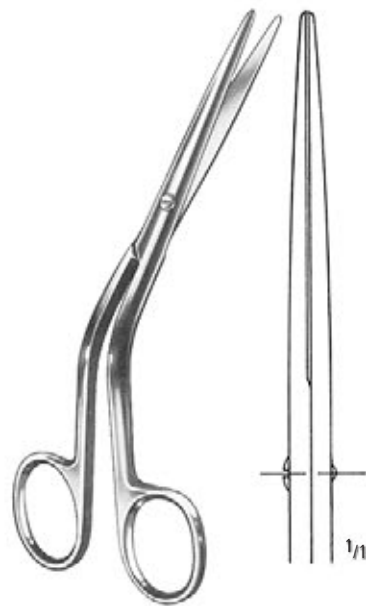
**FOMON**  
**AC 309/13**  
 13,5 cm/5 1/4"



**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"

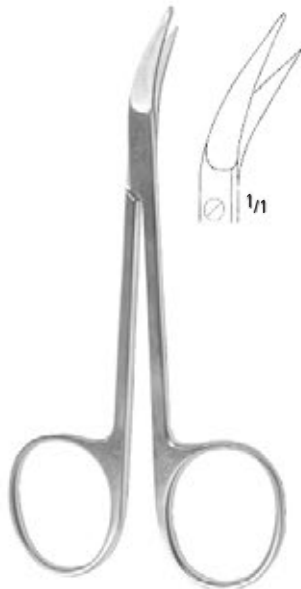


**HEYMANN**  
**AC 318/19**  
 19,5 cm/7 3/4"

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**AC** SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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**



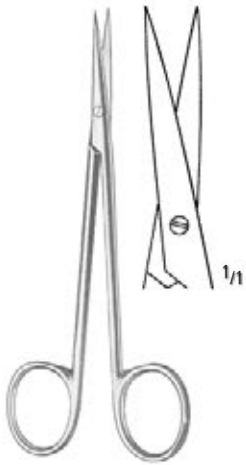
**AC 408/11\***  
 11,0 cm/4 1/3"



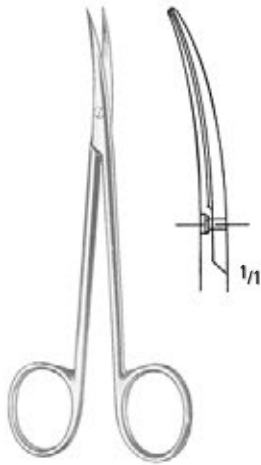
**AC 409/11\***  
 11,0 cm/4 1/3"

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

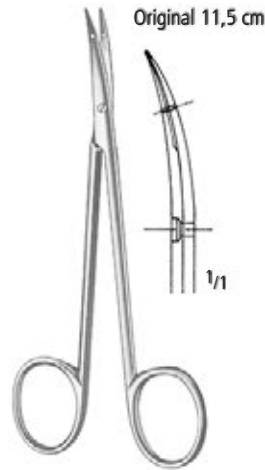
Feine Scheren  
Fine Scissors  
Tijeras finas  
Ciseaux fins  
Forbici fini



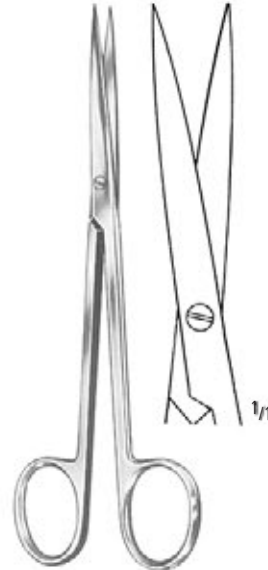
**AC 410/11**  
11,5 cm/4 1/2"



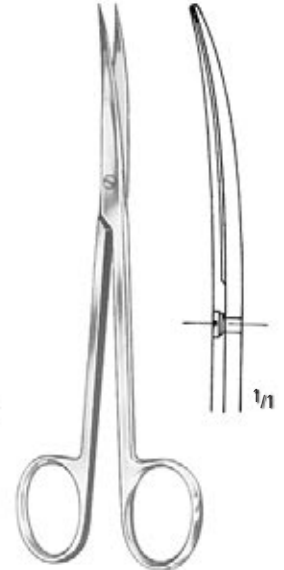
**AC 411/11**  
11,5 cm/4 1/2"



**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 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"

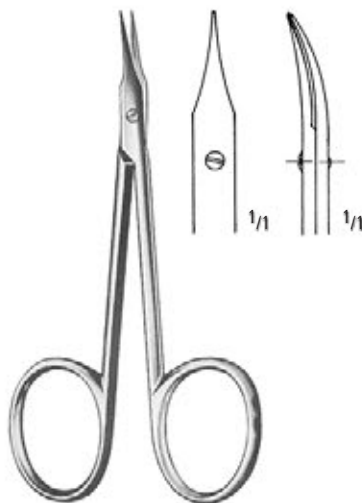
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KYE  
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**AC** SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Feine Scheren  
 Fine Scissors  
 Tijeras finas  
 Ciseaux fins  
 Forbici fini



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

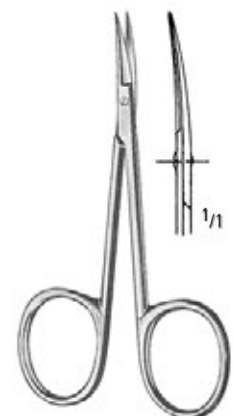


**WALTON**  
**AC 429/10**  
 10,0 cm/4"

sehr fein  
 extra delicate  
 muy finas  
 très fin  
 molto sottile

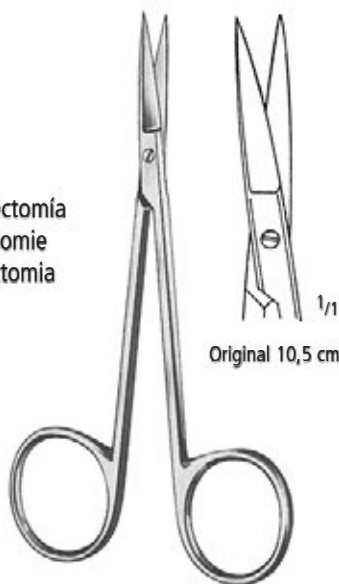


**MOD. BONN**  
**AC 430/08**  
 8,0 cm/3"

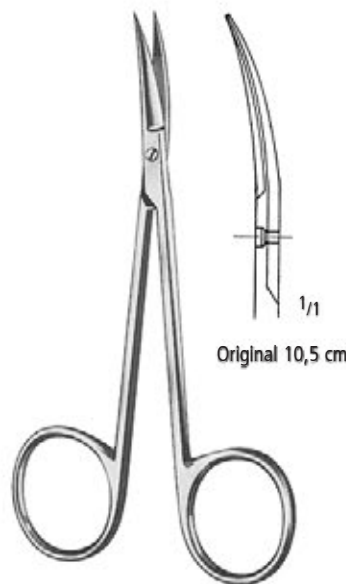


**AC 431/08**  
 8,0 cm/3"

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"

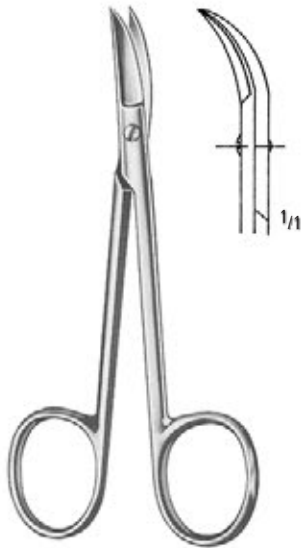
9,0 cm/3 1/2"	<b>AC 450/09</b>	<b>AC 451/09</b>
10,5 cm/4 1/4"	<b>AC 450/10</b>	<b>AC 451/10</b>
11,5 cm/4 1/2"	<b>AC 450/11*</b>	<b>AC 451/11*</b>



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

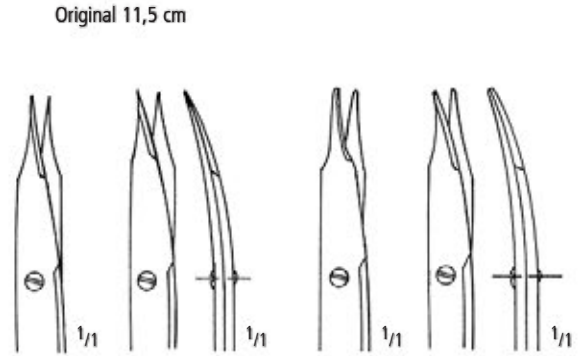
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**CHADWICK**  
**AC 473/11**  
 11,0 cm/4<sup>1</sup>/<sub>3</sub>"



**STEVENS**  
 10,5 cm/4<sup>1</sup>/<sub>4</sub>"  
 11,5 cm/4<sup>1</sup>/<sub>2</sub>"



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/3<sup>1</sup>/<sub>2</sub>"   **AC 500/09**  
 10,5 cm/4<sup>1</sup>/<sub>4</sub>"   **AC 500/10**  
 12,5 cm/5"   **AC 500/13**



**SPENCER-DELICATE**  
**AC 501/11**  
 11,0 cm/4<sup>1</sup>/<sub>3</sub>"



**LITTAUER**  
**AC 502/14**  
 14,0 cm/5<sup>1</sup>/<sub>2</sub>"



**AC 503/16**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"

\* 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<sup>1</sup>/<sub>2</sub>"



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

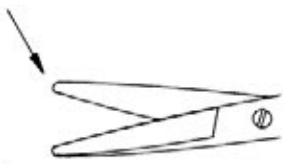


**BUCK**  
14,5 cm/5<sup>3</sup>/<sub>4</sub>" **AC 516/14**  
18,0 cm/7" **AC 516/18**

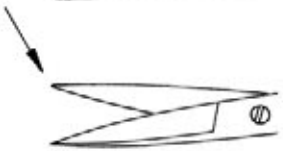
SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren  
Micro Scissors  
Micro Tijeras  
Micro Ciseaux  
Micro Forbici

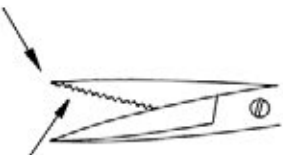
- >> Alle unsere Mikroscheren werden von Fachkräften mit jahrelanger Erfahrung hergestellt. Die Endkontrolle findet unter dem Mikroskop statt. Um Ihnen ein ermüdungsfreies Arbeiten zu ermöglichen, wird dem Federdruck größte Aufmerksamkeit gewidmet.
- >> Bitte wählen Sie unter Rund- oder Flachgriffscheren.



**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.

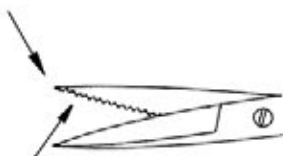
- >> All our Micro Scissors are manufactured by skilled craftsmen with many years of experience. Final inspection is carried out under a microscope. Careful attention is paid to the closing pressure of the spring handle, to ensure precise work during surgeries, without fatigue.
- >> Round or flat handle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



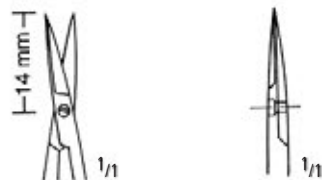
**Nerve:** One blade is **fine-toothed** to avoid slipping of the nerve.

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Mikroscheren  
Micro Scissors  
Micro Tijeras  
Micro Ciseaux  
Micro Forbici



**Dissection  
AC 801/15**

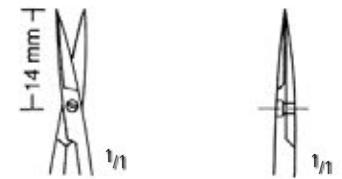


**Adventitia  
AC 803/15**

14,5 cm/5<sup>3</sup>/<sub>4</sub>"



**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

AA

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**AC 807/14**  
14,5 cm/5<sup>3</sup>/<sub>4</sub>"



**AC 812/18**  
18,0 cm/7"

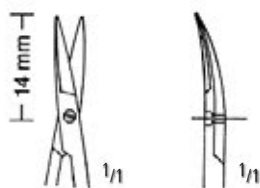


**AC 817/18**  
18,0 cm/7"

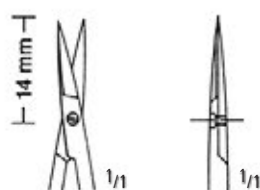
Mikroscheren  
Micro Scissors  
Micro Tijeras  
Micro Ciseaux  
Micro Forbici



11,0 cm/4 1/3"



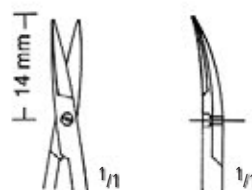
**Dissection  
AC 821/11**



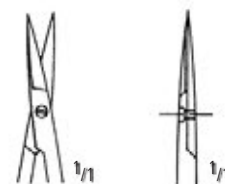
**Adventitia  
AC 830/11**



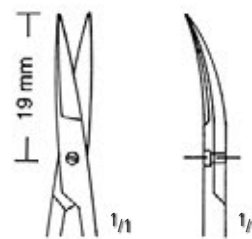
15,0 cm/6"



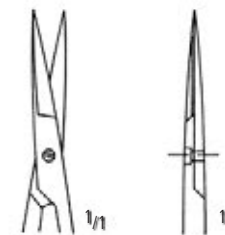
**Dissection  
AC 823/15**



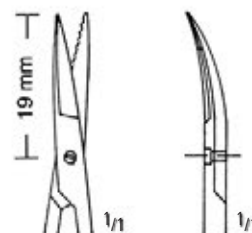
**Adventitia  
AC 832/15**



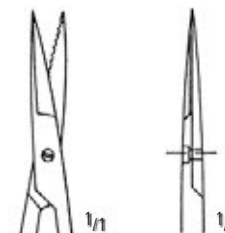
**Dissection  
AC 825/15**



**Adventitia  
AC 834/15**



**Dissection  
AC 827/15**



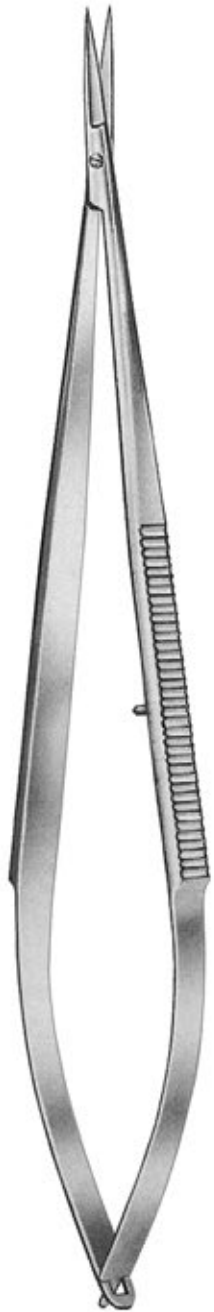
**Adventitia  
AC 836/15**

>> Nerve >>

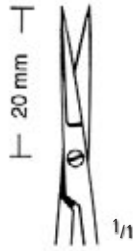
SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren  
Micro Scissors  
Micro Tijeras  
Micro Ciseaux  
Micro Forbici

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18,5 cm/7<sup>1</sup>/<sub>3</sub>"



**AC 850/19**



**AC 851/19**



16,0 cm/6<sup>1</sup>/<sub>4</sub>"  
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°



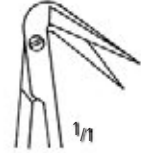
**AC 870/02**  
45°



**AC 870/03**  
60°



**AC 870/04**  
90°



**AC 870/05**  
125°



18,0 cm/7"



**AC 871/01**  
25°



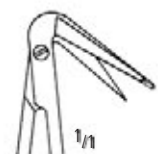
**AC 871/02**  
45°



**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.

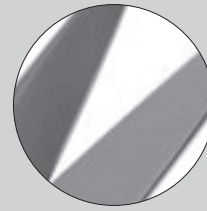
>> Diese Scheren sind durch schwarz/goldene Ringe gekennzeichnet.

**Features:**

Use the advantages of Tungsten Carbide.

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

>> Black/golden rings for easy identification.



**SUPER CUT TUC**

**Verfügbare Modelle / Available Patterns**

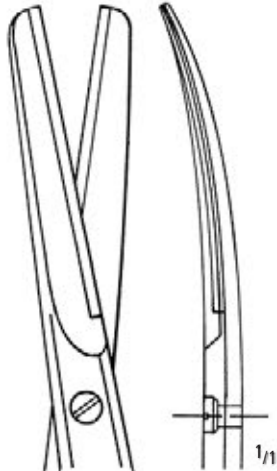
Im Katalog durch \* markiert. / Marked in the catalog with \* .

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

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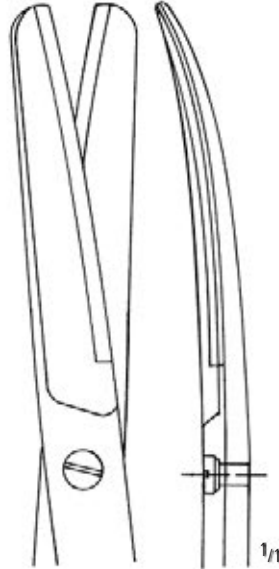
**AC** SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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

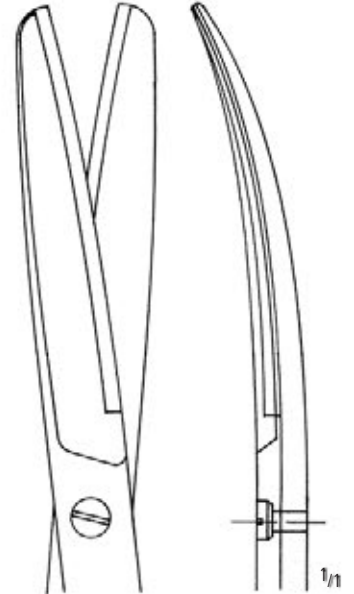


**STANDARD**  
 Fig. 1

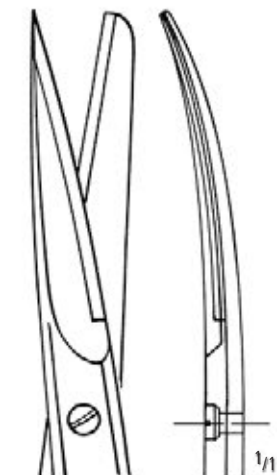
straight: 14,5 cm/5<sup>3</sup>/<sub>4</sub>"  
**AC 900/14**  
 curved: **AC 901/14**



16,5 cm/6<sup>1</sup>/<sub>2</sub>"  
**AC 900/16**  
**AC 901/16**

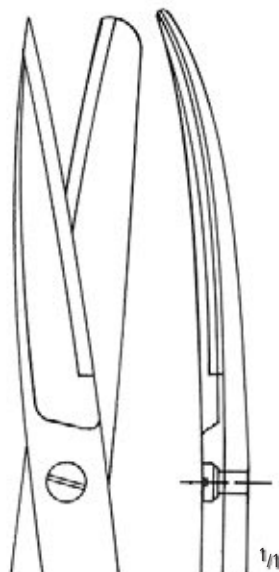


18,5 cm/7<sup>1</sup>/<sub>3</sub>"  
**AC 900/18**  
**AC 901/18**

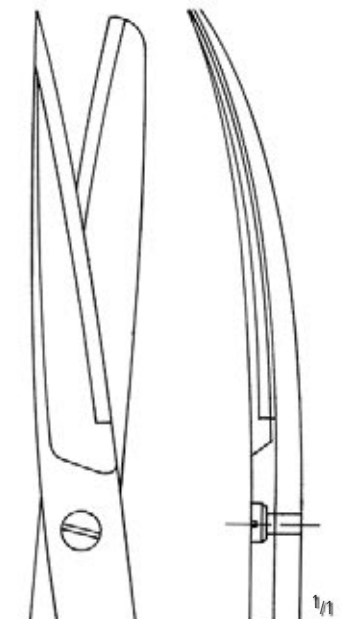


**STANDARD**  
 Fig. 2

straight: 14,5 cm/5<sup>3</sup>/<sub>4</sub>"  
**AC 902/14**  
 curved: **AC 903/14**



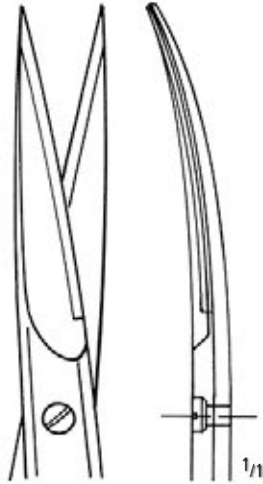
16,5 cm/6<sup>1</sup>/<sub>2</sub>"  
**AC 902/16**  
**AC 903/16**



18,5 cm/7<sup>1</sup>/<sub>3</sub>"  
**AC 902/18**  
**AC 903/18**

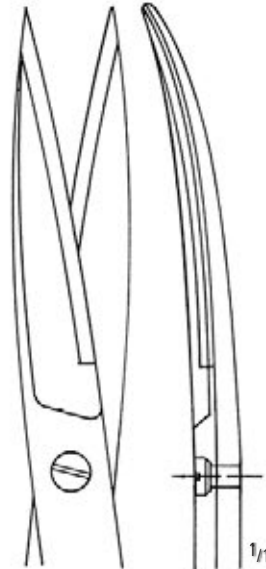
SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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

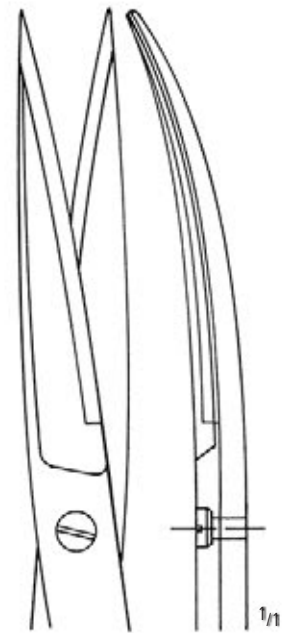


**STANDARD**  
 Fig. 3

straight: 14,5 cm/5<sup>3</sup>/<sub>4</sub>"  
**AC 904/14**  
 curved: **AC 905/14**

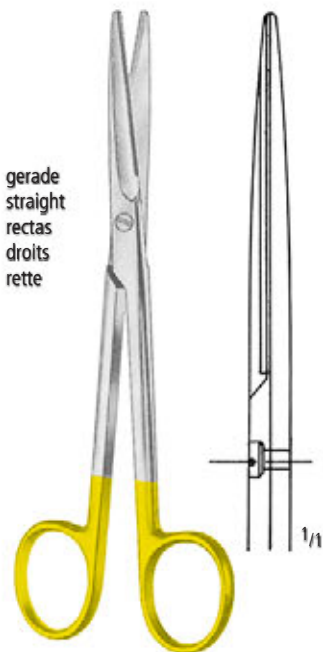


16,5 cm/6<sup>1</sup>/<sub>2</sub>"  
**AC 904/16**  
**AC 905/16**



18,5 cm/7<sup>1</sup>/<sub>3</sub>"  
**AC 904/18**  
**AC 905/18**

nopa<sup>®</sup>  
**TUC**



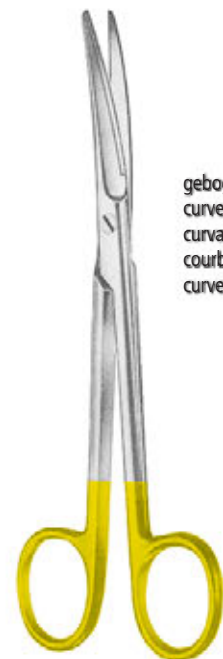
gerade  
 straight  
 rectas  
 droits  
 rette

**MAYO**  
**AC 910/14\***  
**AC 910/17\***



Original 17,0 cm

14,5 cm/5<sup>1</sup>/<sub>2</sub>"  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"



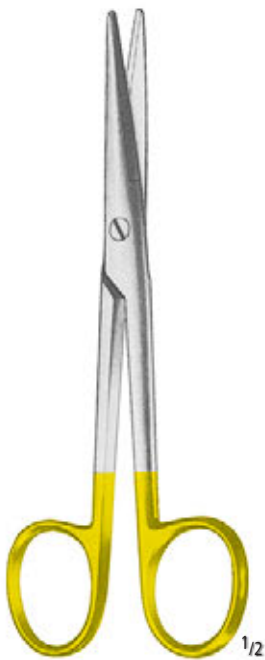
gebogen  
 curved  
 curvas  
 courbes  
 curve

**MAYO**  
**AC 911/14\***  
**AC 911/17\***

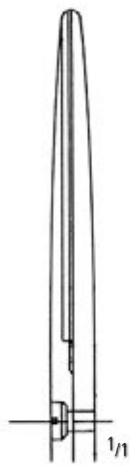
AA  
 AB  
**AC**  
 AD  
 AE  
 AF  
 AG  
 AH  
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 AJ  
 AK  
 AL  
 AM  
 AN  
 AO  
 AP  
 AQ  
 AR  
 AS  
 AT  
 AU  
 AV  
 AW  
 AX

**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

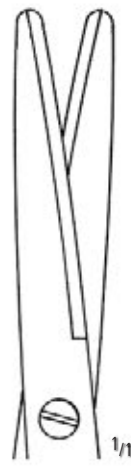


**MAYO-STILLE**  
**AC 916/15\***  
**AC 916/17**

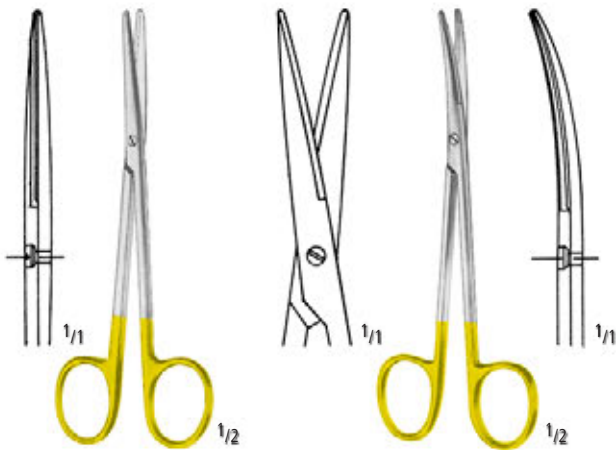


Original 17,0 cm

15,0 cm/6"  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"



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



**AC 922/11**  
 11,5 cm/4<sup>1</sup>/<sub>2</sub>"

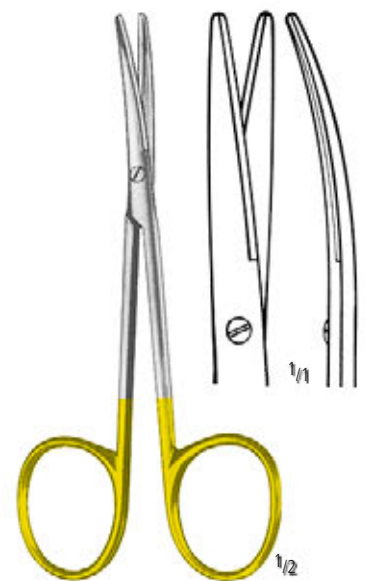
**METZENBAUM**

**AC 923/11**  
 11,5 cm/4<sup>1</sup>/<sub>2</sub>"



**AC 930/14\***  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

**METZENBAUM**



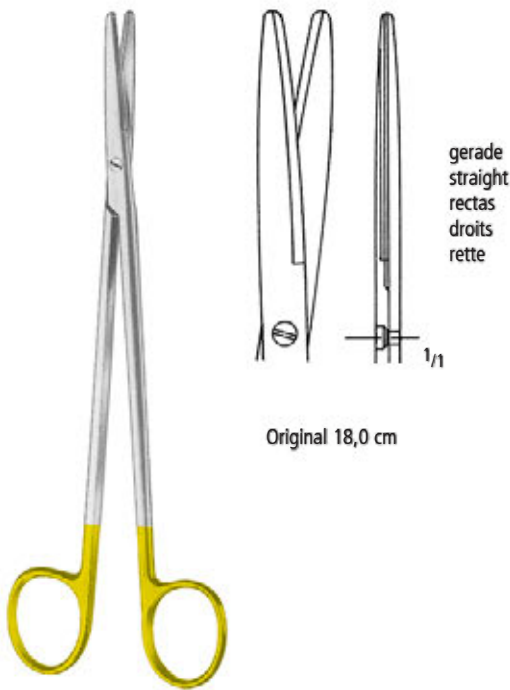
**AC 931/14\***  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

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



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



Original 18,0 cm

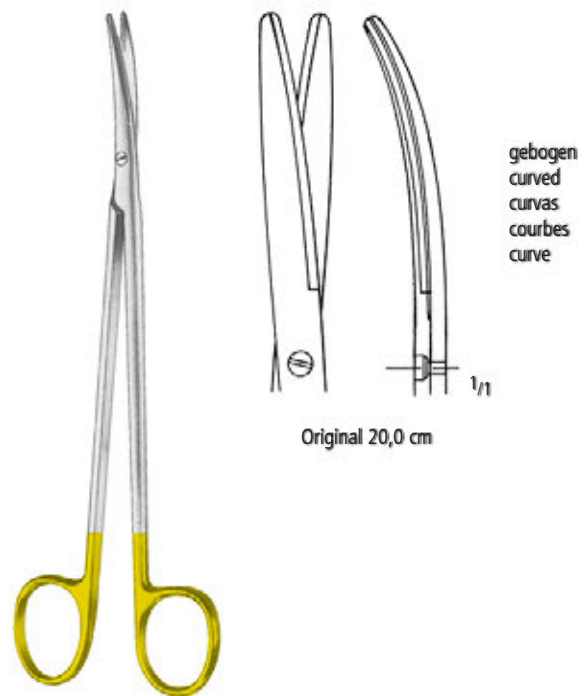
**METZENBAUM**

18,0 cm/7"

**AC 940/18\***

20,0 cm/8"

**AC 940/20\***



Original 20,0 cm

**METZENBAUM**

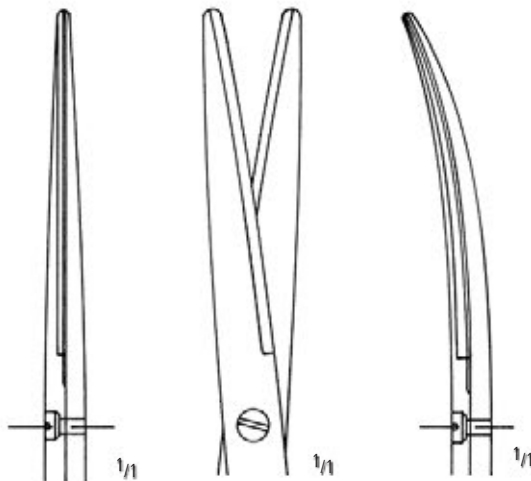
18,0 cm/7"

**AC 941/18\***

20,0 cm/8"

**AC 941/20\***

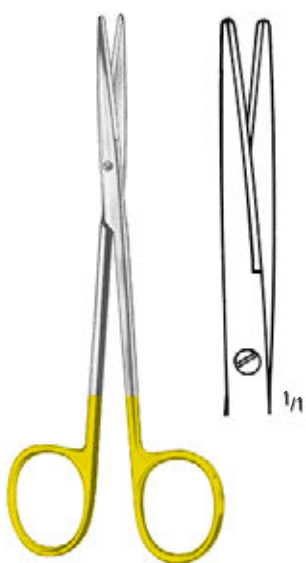
Scheren mit Hartmetalleinlagen  
 Scissors with Tungsten Carbide Inserts  
 Tijeras con filos de carburo de tungsteno  
 Ciseaux avec plaquettes en carbure de tungstène  
 Forbici con taglio al carburo di tungsteno



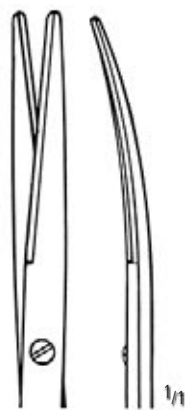
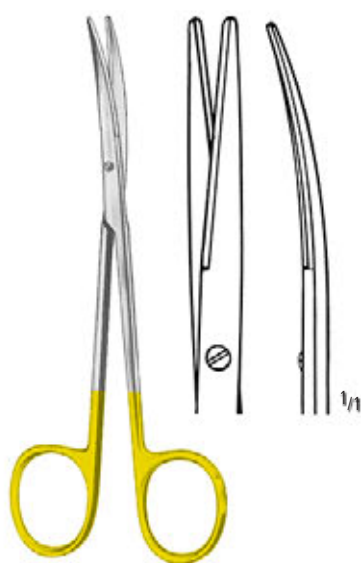
**LEXER**  
**AC 952/16**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**LEXER**  
**AC 953/16**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"

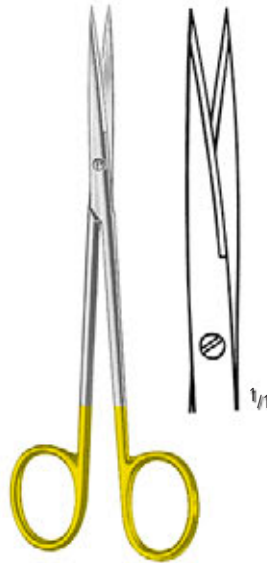


**AC 960/14\***  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

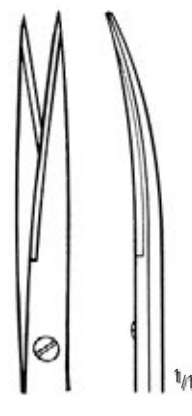


**AC 961/14\***  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

**METZENBAUM-DELICATE**



**AC 962/14**  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

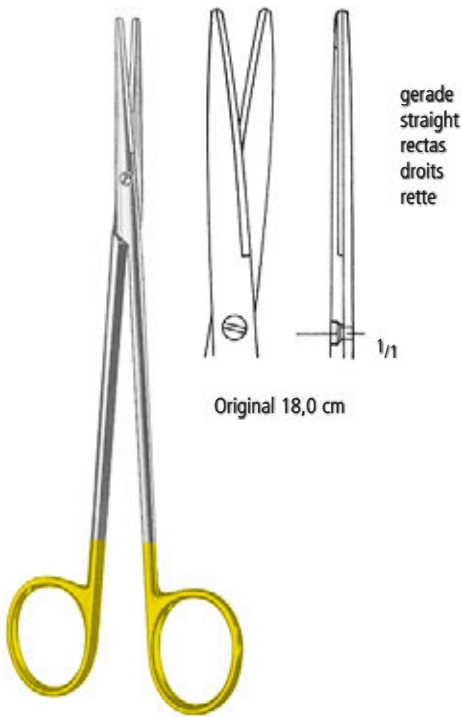


**AC 963/14**  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

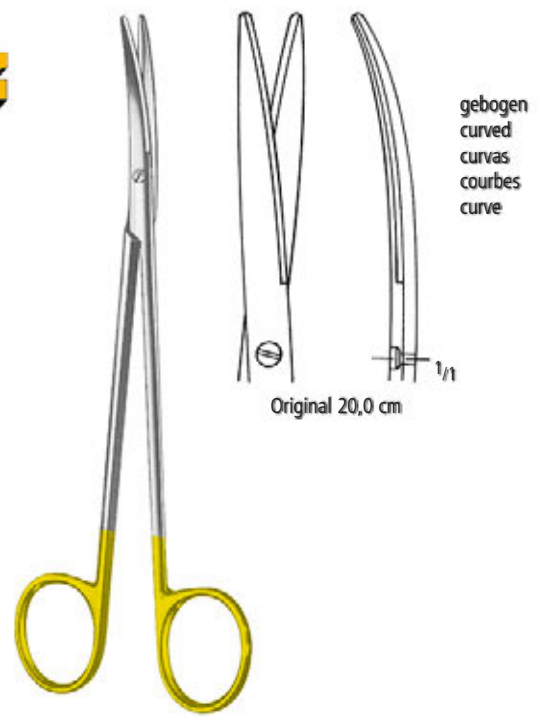
Scheren mit Hartmetalleinlagen  
 Scissors with Tungsten Carbide Inserts  
 Tijeras con filos de carburo de tungsteno  
 Ciseaux avec plaquettes en carbure de tungstène  
 Forbici con taglio al carburo di tungsteno

nopa<sup>®</sup>  
**TUC**



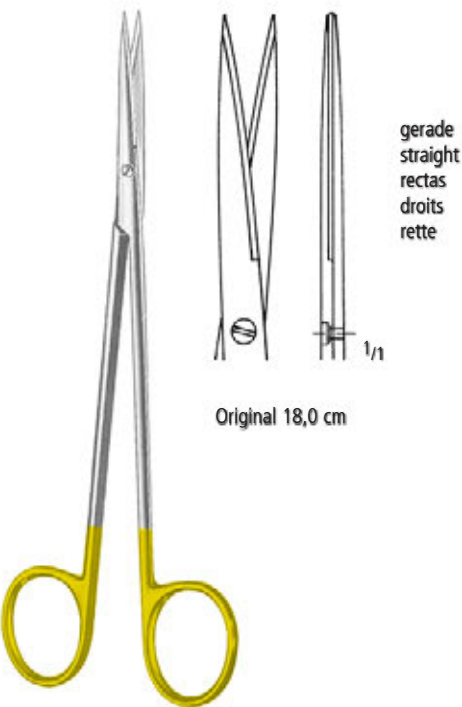
Original 18,0 cm

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



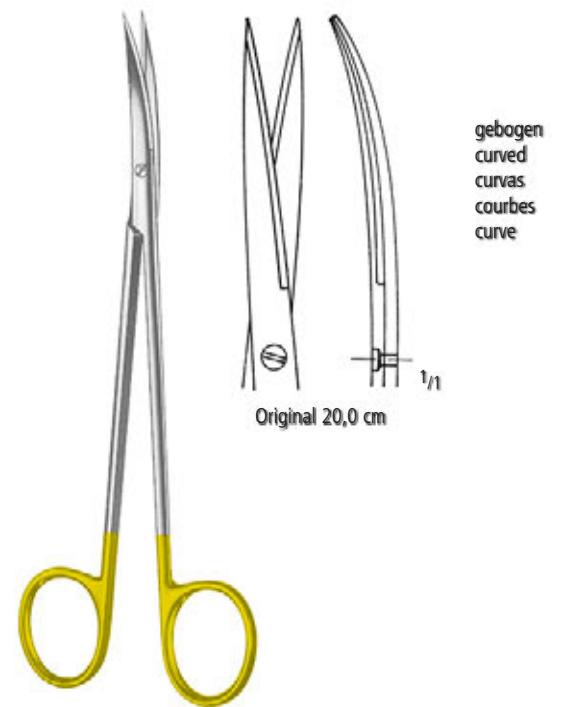
Original 20,0 cm

**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

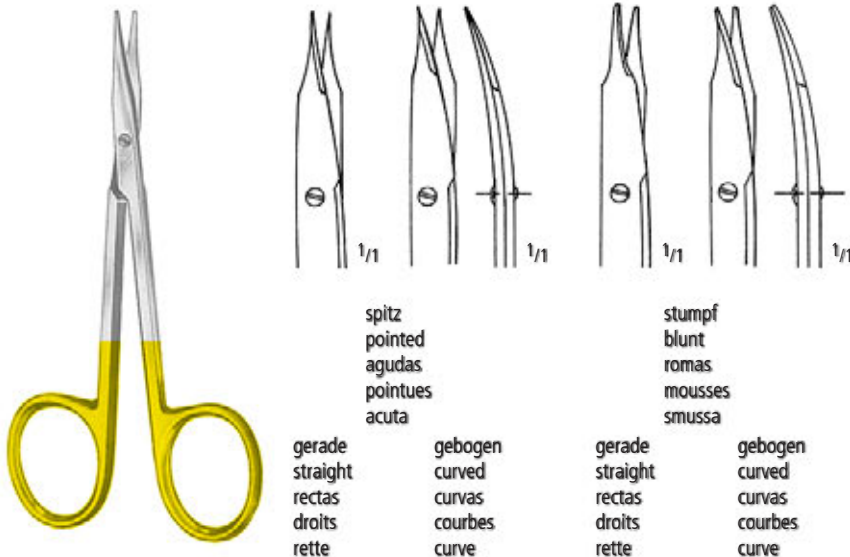
**METZENBAUM-DELICATE**  
 18,0 cm/7" **AC 973/18**  
 20,0 cm/8" **AC 973/20**

AA  
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**AC**  
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 AL  
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 AT  
 AU  
 AV  
 AW  
 AX

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/4<sup>1</sup>/<sub>4</sub>"  
 11,5 cm/4<sup>1</sup>/<sub>2</sub>"

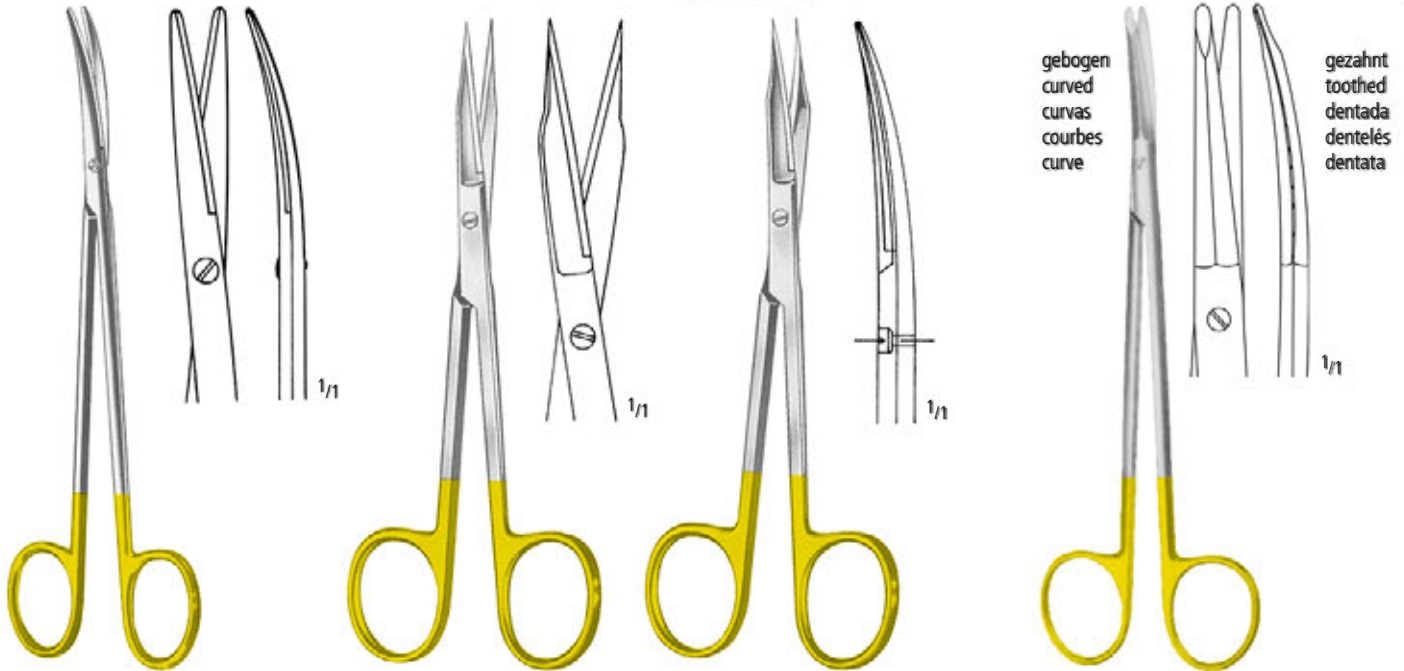
**AC 974/10**    **AC 975/10**    **AC 976/10**    **AC 977/10**  
**AC 974/11\***    **AC 975/11\***    **AC 976/11**    **AC 977/11**



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**



gebogen  
 curved  
 curvas  
 courbes  
 curve

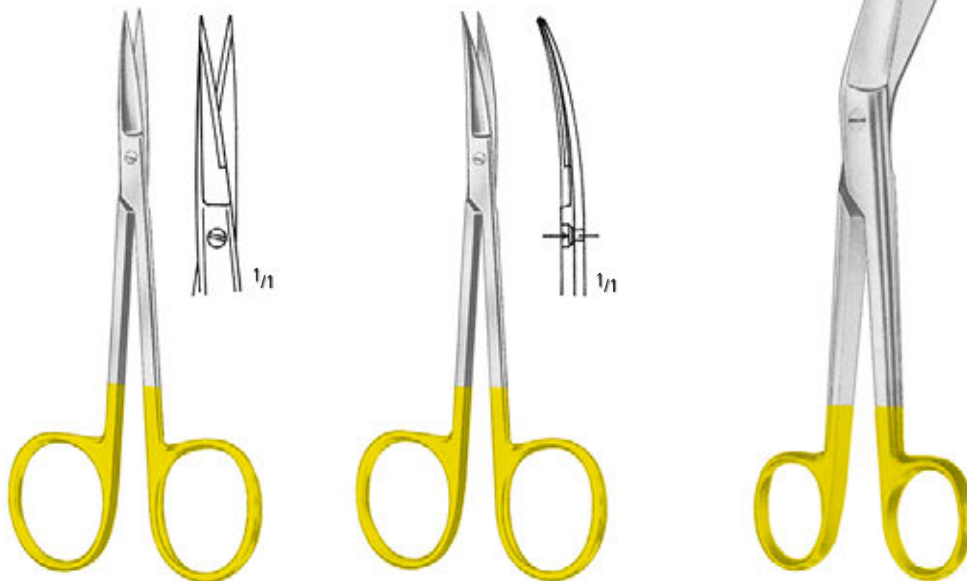
gezahnt  
 toothed  
 dentada  
 dentelés  
 dentata

**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/4½"

**AC 985/11\***  
 11,5 cm/4½"

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

\* Auch erhältlich als SC \* Also available as SC

AA  
 AB  
**AC**  
 AD  
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 AG  
 AH  
 AI  
 AJ  
 AK  
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 AM  
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 AO  
 AP  
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 AR  
 AS  
 AT  
 AU  
 AV  
 AW  
 AX



SKALPELLE  
SCALPELS  
BISTURIES  
BISTOURIS  
BISTURI

AD

nopa<sup>®</sup> 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 bisturios 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

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

AA  
 AB  
 AC  
**AD**  
 AE  
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 AJ  
 AK  
 AL  
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 AO  
 AP  
 AQ  
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 AU  
 AV  
 AW  
 AX



**AD 030/16**



**AD 031/16**  
 No. 3



**AD 031/21**



**COLLIN**  
**AD 040/08**  
 No. 8

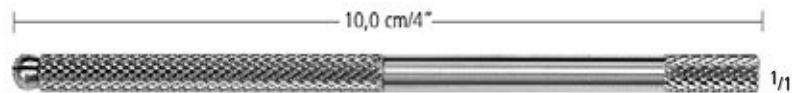
hohl  
 hollow  
 hueco  
 creux  
 vuoto



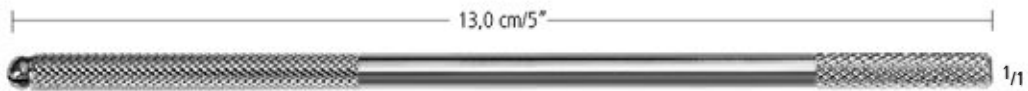
**COLLIN**  
**AD 042/09**  
 No. 9

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

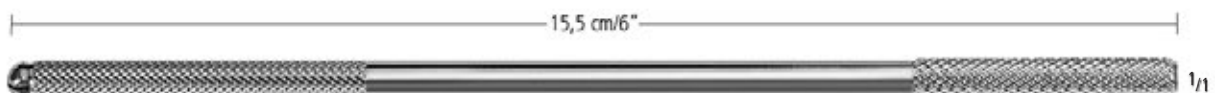
## MINI



**AD 065/10**



**AD 065/13**



**AD 065/15**

SKALPELLE SCALPELS BISTURIES BISTOURIS BISTURI

Dermatome  
Dermatomes  
Dermatomos  
Dermatomos  
Dermatomi

AA

AB

AC

AD

AE

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AP

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KA

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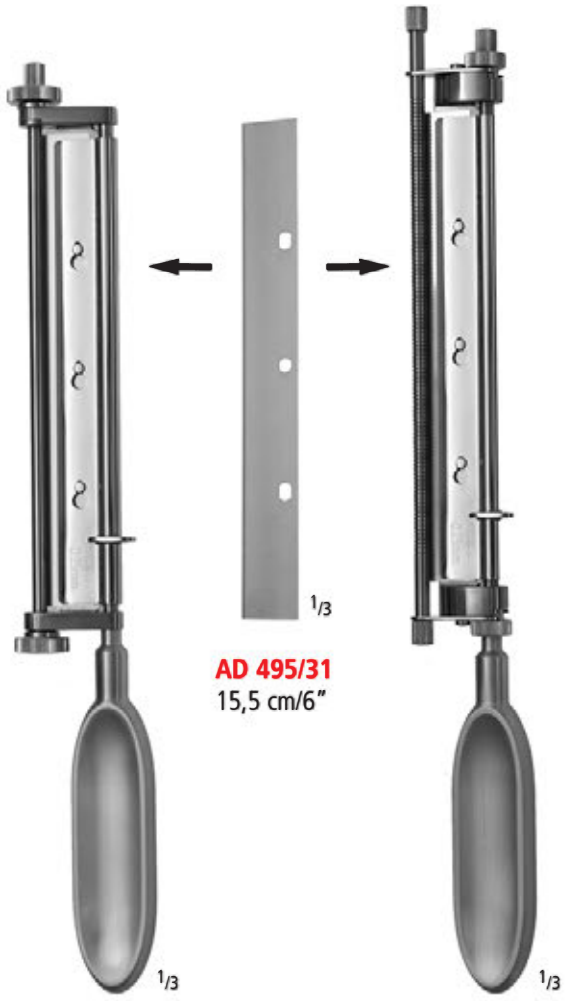
KM

KO

KU

KYE

X



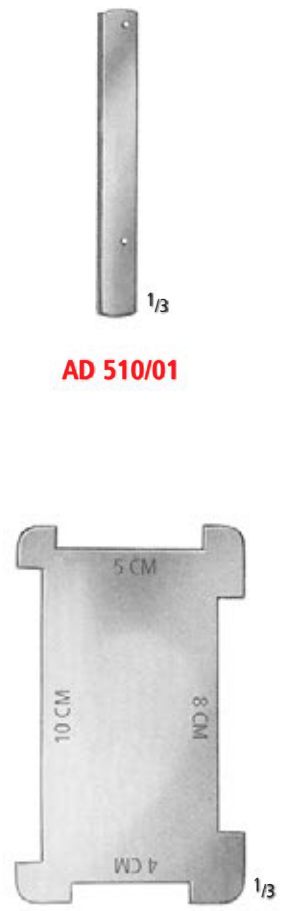
**AD 495/31**  
15,5 cm/6"

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

**HUMBY**  
**AD 495/32**  
32,0 cm/12<sup>3</sup>/<sub>4</sub>"  
0,1 - 1,2 mm



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

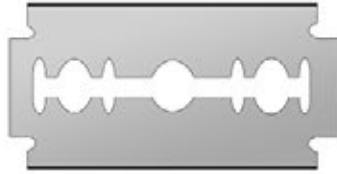


**AD 510/01**

**AD 510/02**

**AD** SKALPELLE SCALPELS BISTURIES BISTOURIS BISTURI

Dermatome, Rasierklingen, Klingenbrecher  
 Dermatomes, Razor Blades, Blade Breakers  
 Dermatomo, Hojas de afeitar, 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/7<sup>1</sup>/<sub>2</sub>



**TROUTMAN-CHRIS**  
**AD 550/09**  
 Ø 5,5 mm  
 9,0 cm/3<sup>1</sup>/<sub>2</sub>"



**TROUTMAN-CHRIS**  
**AD 551/09**  
 Ø 5,5 mm  
 9,0 cm/3<sup>1</sup>/<sub>2</sub>"



**AD 552/11**  
 11,0 cm/4<sup>1</sup>/<sub>3</sub>"



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



NAHT  
SUTURE  
SUTURA  
SUTURE  
SUTURA

AE

nopa<sup>®</sup> 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.

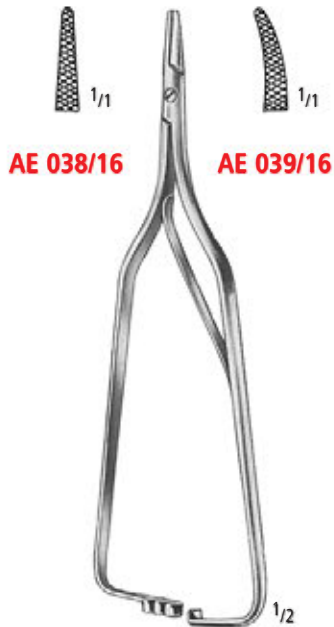


**AE** NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter  
 Needle Holders  
 Porta-agujas  
 Porte-aiguilles  
 Portaghi



**BOYNTON**  
**AE 036/12**  
 12,0 cm/4<sup>3</sup>/<sub>4</sub>"

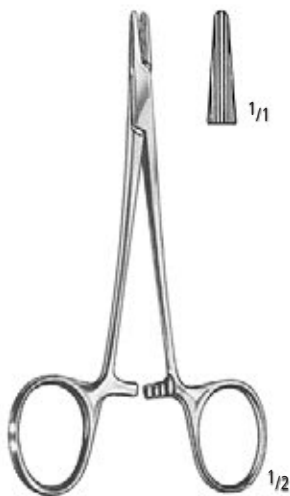


**AE 038/16**      **AE 039/16**

**ARRUGA**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



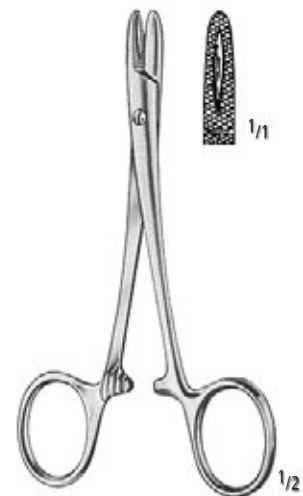
**DERF**  
**AE 050/12**  
 12,0 cm/4<sup>3</sup>/<sub>4</sub>"



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



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

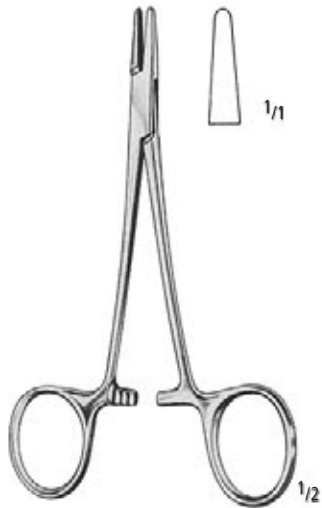


**DOYEN**  
**AE 058/12**  
 12,5 cm/5"

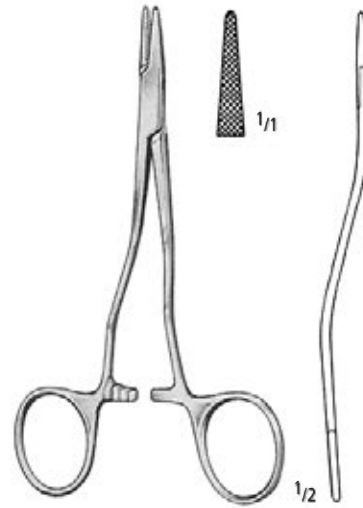
NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter  
Needle Holders  
Porta-agujas  
Porte-aiguilles  
Portaghi

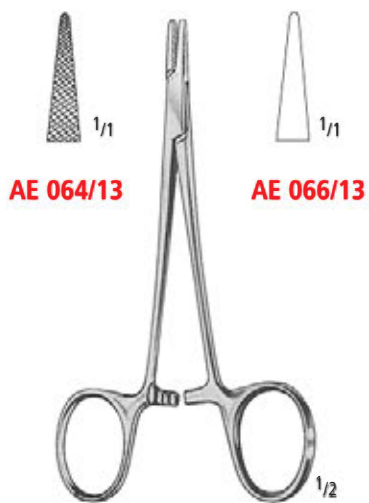
AA  
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AP  
AR  
KA  
KL  
KM  
KO  
KU  
KYE  
X



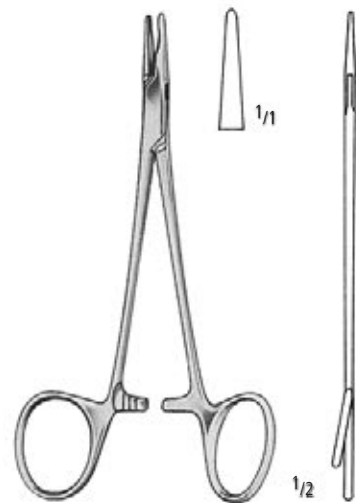
**WEBSTER**  
**AE 060/13**  
13,0cm/5"



**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



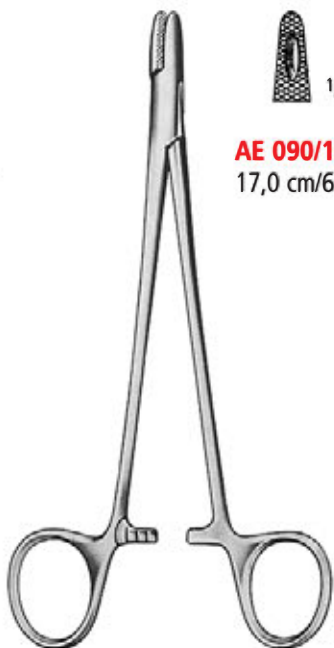
**SENNING**  
(Schwed. Modell)



**AE 088/15**  
15,0 cm/6"



**AE 088/17**  
17,0 cm/6¾"



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



**AE 090/17**  
17,0 cm/6¾"



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



**MAYO-HEGAR**



**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"



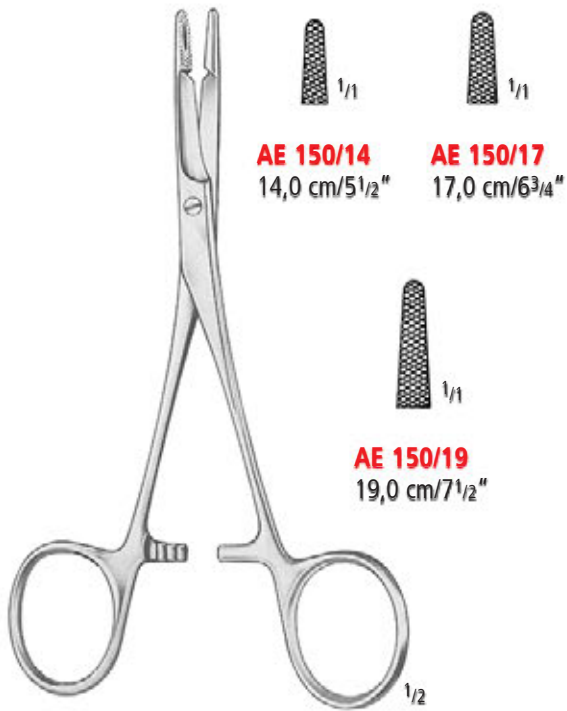
**BAUMGARTNER**  
**AE 112/14**  
14,0 cm/5½"



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**AE** NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter  
Needle Holders  
Porta-agujas  
Porte-aiguilles  
Portaghi

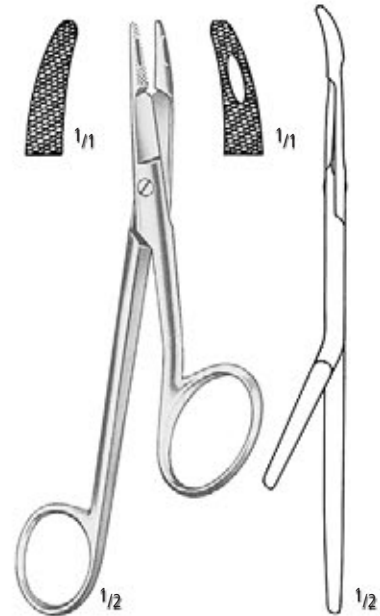


**AE 150/14**  
14,0 cm/5½"

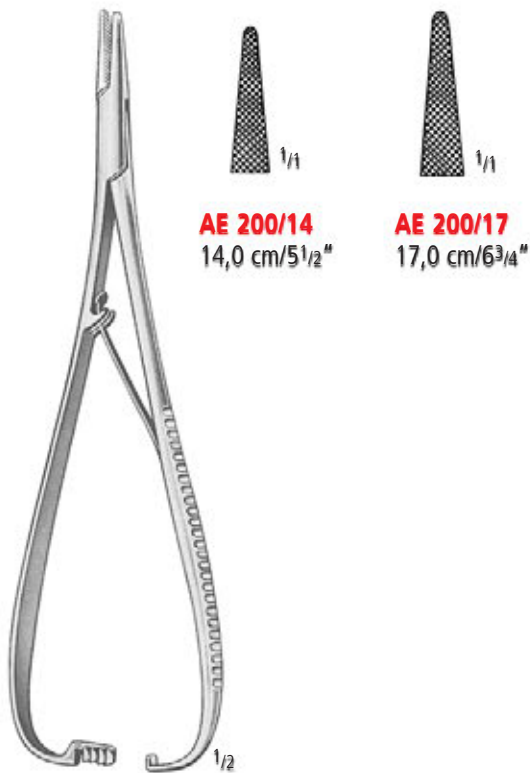
**AE 150/17**  
17,0 cm/6¾"

**AE 150/19**  
19,0 cm/7½"

**OLSEN-HEGAR**



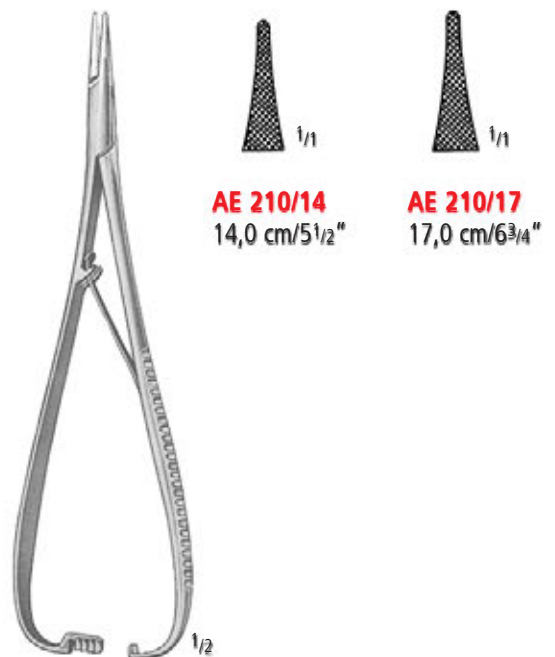
**GILLIES**  
**AE 155/16**  
16,0 cm/6¼"



**AE 200/14**  
14,0 cm/5½"

**AE 200/17**  
17,0 cm/6¾"

**MATHIEU**



**AE 210/14**  
14,0 cm/5½"

**AE 210/17**  
17,0 cm/6¾"

**MATHIEU-DELICATE**

NAHT SUTURE SUTURA SUTURE SUTURA

Nadelhalter  
Needle Holders  
Porta-agujas  
Porte-aiguilles  
Portaghi

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

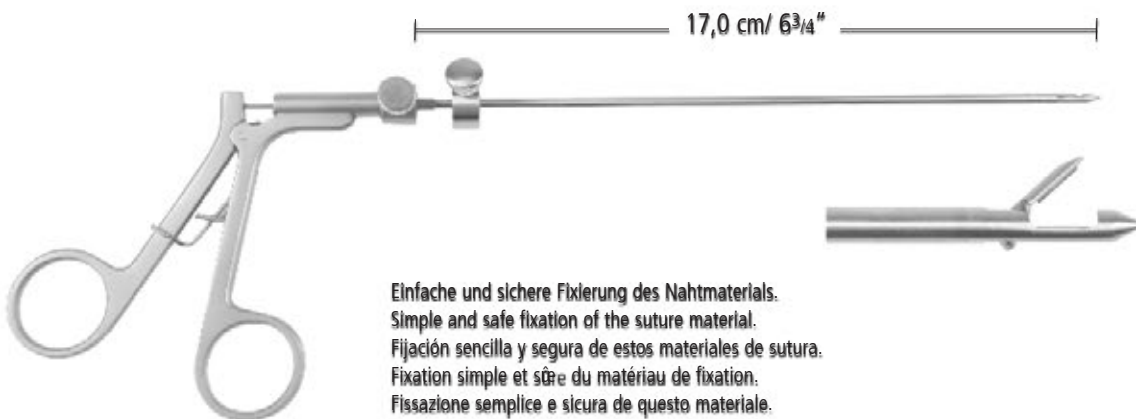


**TOENNIS**  
**AE 226/18**  
18,0 cm/7"



**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 di questo materiale.

**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/5½"



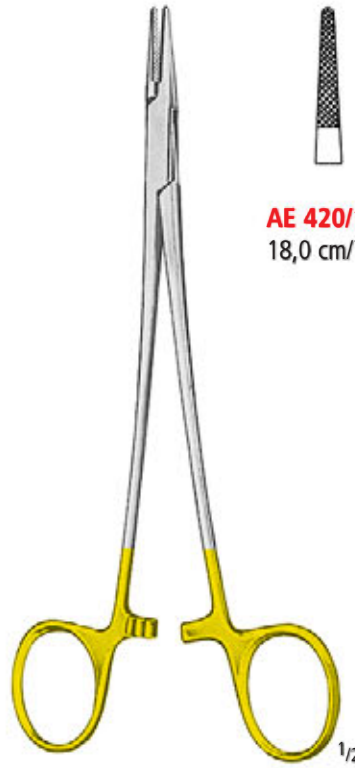
**AE 400/16**  
16,0 cm/6¼"



**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"



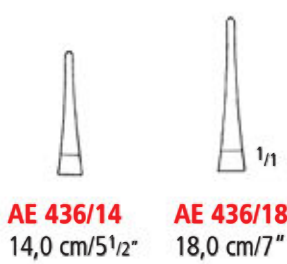
**AE 434/18**  
18,0 cm/7"



NAHT SUTURE SUTURA SUTURE SUTURA

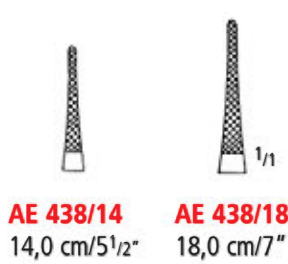
Nadelhalter mit Hartmetalleinsätzen  
 Needle Holders with Tungsten Carbide Inserts  
 Porta-agujas con bocas de carburo de Tungsteno  
 Porte-aiguilles à mors en carbure de tungstène  
 Portaghi con placche di carburo di tungsteno

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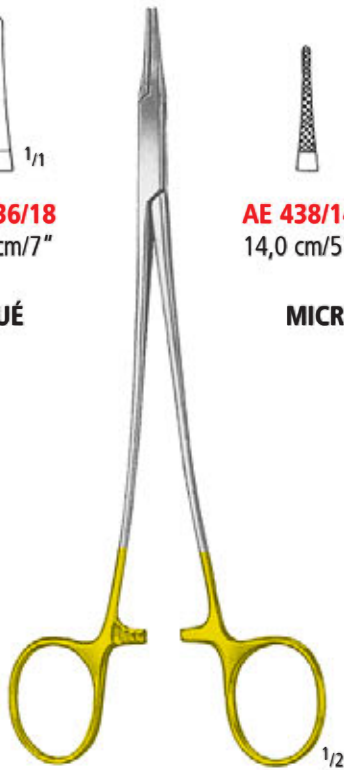
**AE 436/14** 14,0 cm/5 1/2"  
**AE 436/18** 18,0 cm/7"

**EUFRATE PASQUÉ**

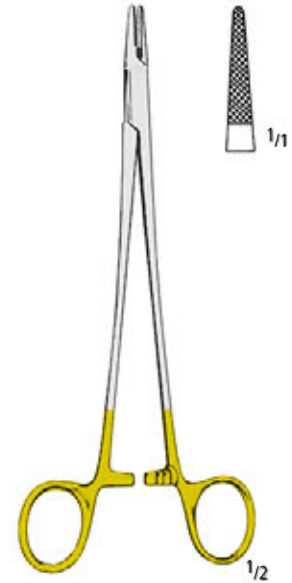


**AE 438/14** 14,0 cm/5 1/2"  
**AE 438/18** 18,0 cm/7"

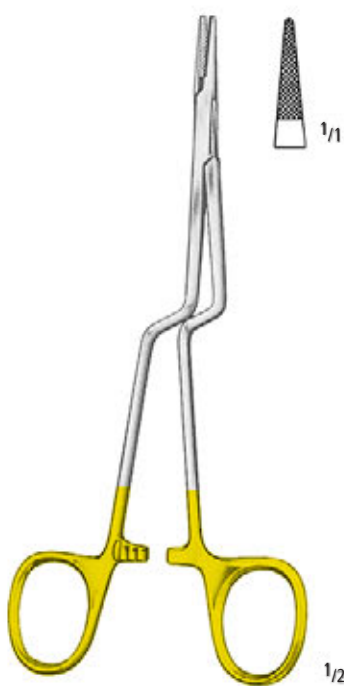
**MICROVASCULAR**



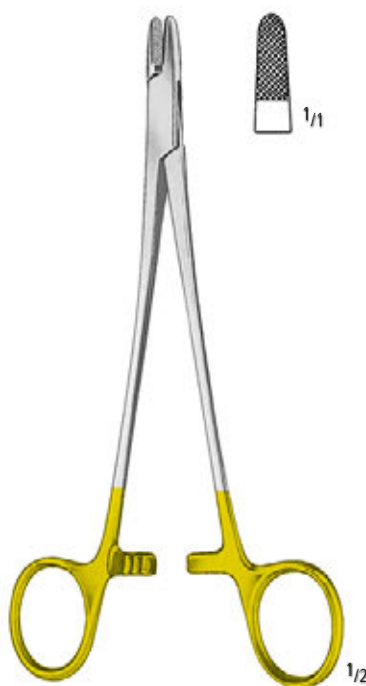
extrem fein extremely delicate muy fino très fin molto fino



**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"



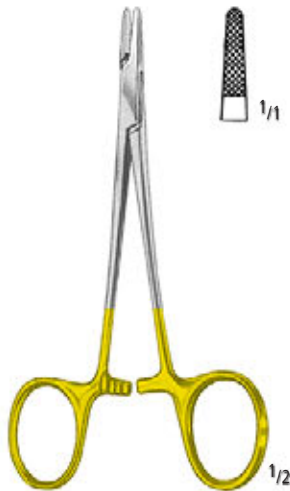
**SENNING**  
 (SWEDISH PATTERN)

**AE** NAHT SUTURE SUTURA SUTURE SUTURA

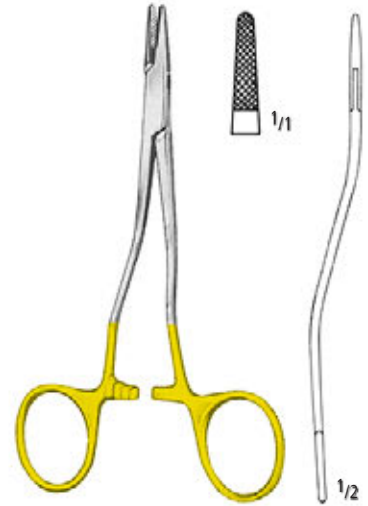
Nadelhalter mit Hartmetalleinsätzen  
 Needle Holders with Tungsten Carbide Inserts  
 Porta-agujas con bocas de carburo de Tungsteno  
 Porte-aiguilles à mors en carbure de tungstène  
 Portaghi con placche di carburo di tungsteno



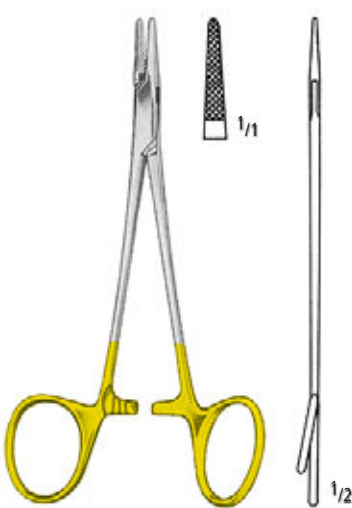
**DERF**  
**AE 450/12**  
 12,5 cm/5"



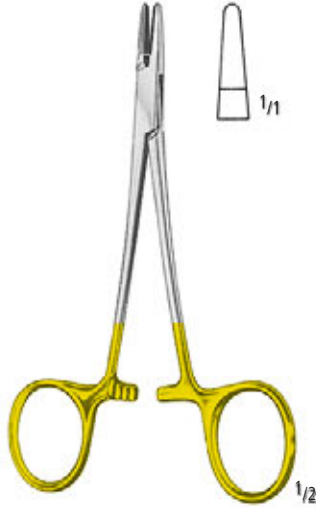
**CONVERSE**  
**AE 452/12**  
 12,5 cm/5"



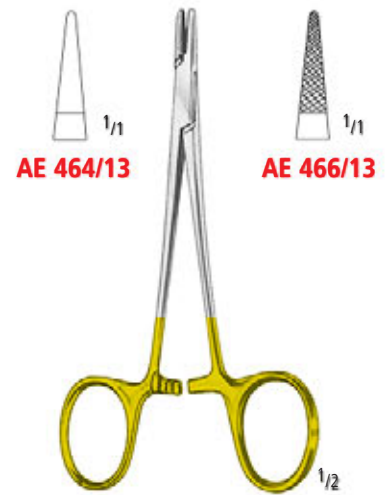
**KILNER**  
**AE 455/13**  
 13,5 cm/5 1/4"



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



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



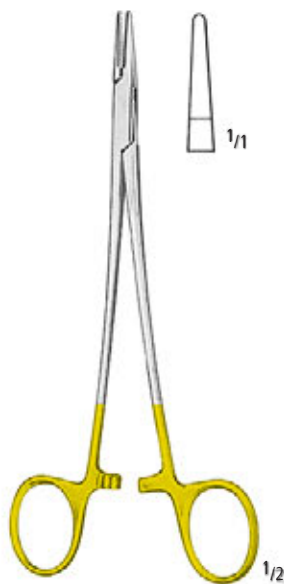
**HALSEY**  
 13,0 cm/5"

NAHT SUTURE SUTURA SUTURE SUTURA

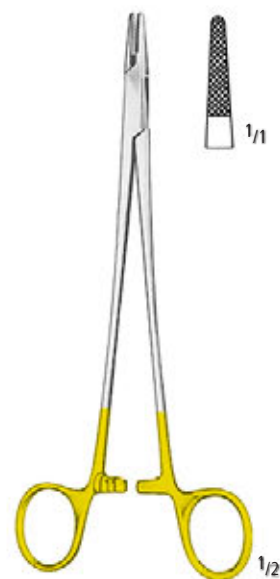
Nadelhalter mit Hartmetalleinsätzen  
 Needle Holders with Tungsten Carbide Inserts  
 Porta-agujas con bocas de carburo de Tungsteno  
 Porte-aiguilles à mors en carbure de tungstène  
 Portaghi con placche di carburo di tungsteno



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

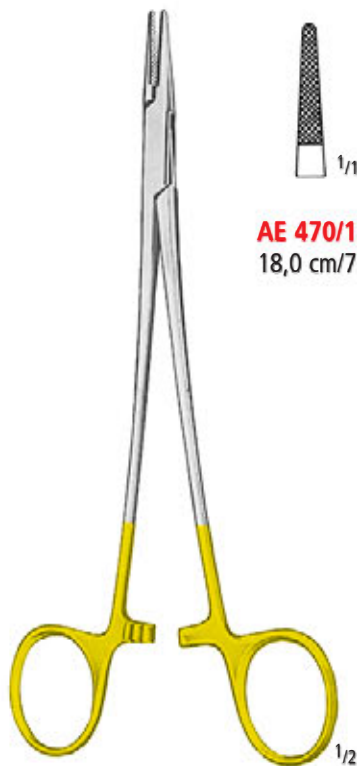


**CRILE-WOOD**  
**AE 469/15**  
 15,0 cm/6"

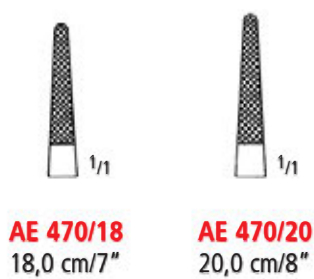


**CRILE-WOOD**  
**AE 470/15**  
 15,0 cm/6"

nopa®  
**TUC**



**CRILE-WOOD**



**AE 471/18**  
 18,0 cm/7"



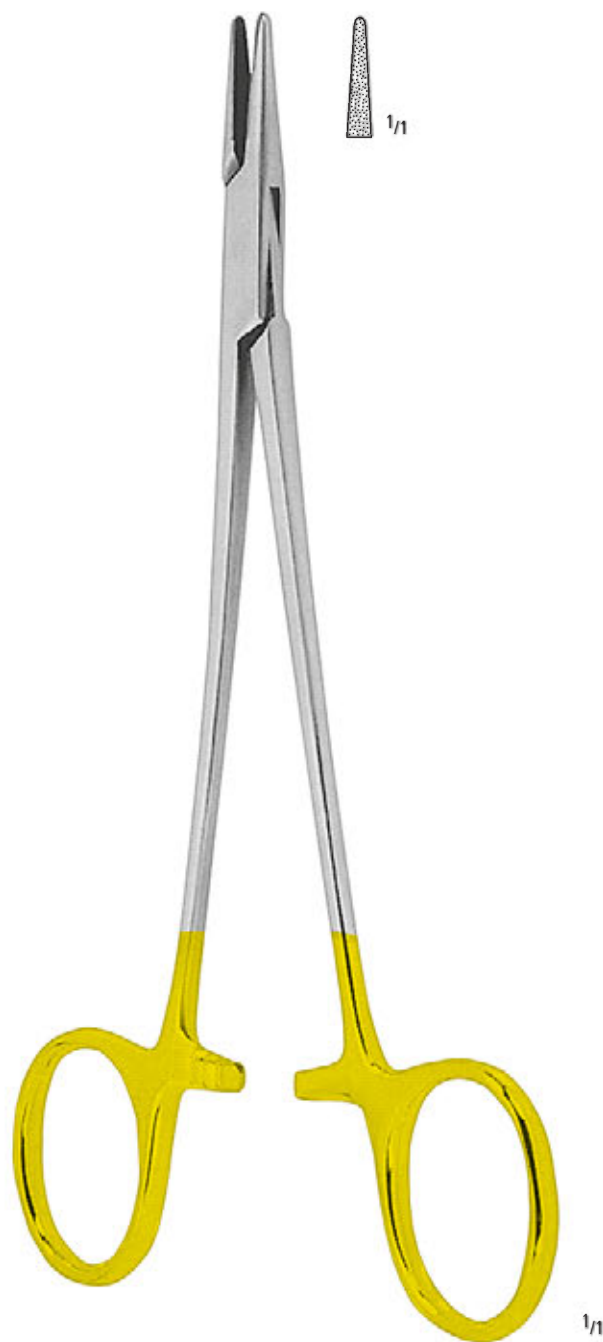
**SAROT**

**AE 480/18**  
 18,0 cm/7"

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 X

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

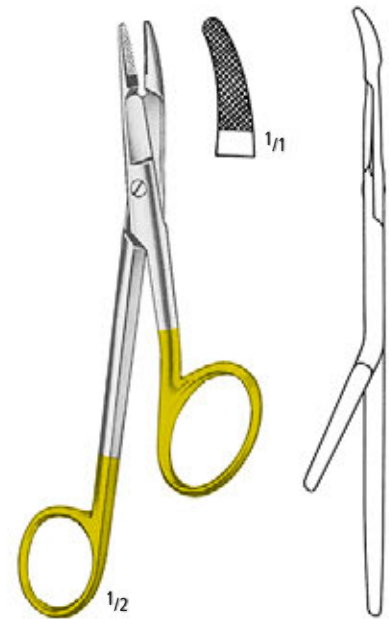


**AE 488/14**  
 14,0 cm/5 1/2"

**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**  
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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



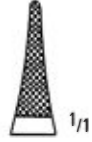
**MATHIEU-DELICATE**



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



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



**AE 504/20**  
20,0 cm/8"



**METZENBAUM**



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



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



**MATHIEU-RYDER**



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



**MATHIEU-RYDER VASCULAR**



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

NAHT SUTURE SUTURA SUTURE SUTURA

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



**BOYNTON**  
 12,0 cm/4<sup>3</sup>/<sub>4</sub>"



**ARRUGA**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



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



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

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 AX

**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"

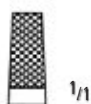
**STERNUM**



**AE 550/18**  
18,0 cm/7"



**AE 551/01**  
15,0 cm/6"



**AE 551/02**  
18,0 cm/7"



**AE 556/01**  
16,5 cm/6½"



**AE 556/02**  
15,0 cm/6"



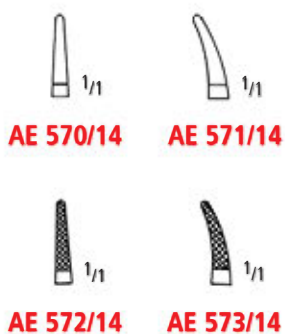
**AE 556/03**  
15,0 cm/6"

**CORWIN**

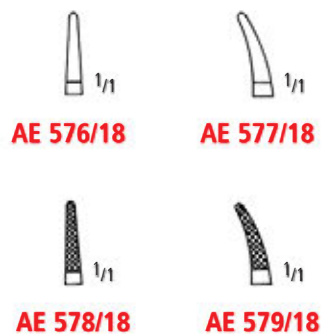


NAHT SUTURE SUTURA SUTURE SUTURA

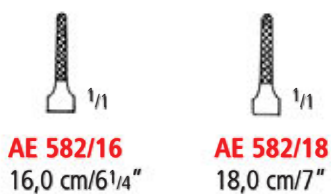
Mikro-Nadelhalter mit Hartmetalleinsätzen  
 Micro-Needle Holders with Tungsten Carbide Inserts  
 Micro-Porta-agujas con bocas de carburo de Tungsteno  
 Micro-Porte-aiguilles à mors en carbure de tungstène  
 Micro-Portaghi con placche di carburo di tungsteno



**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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 AX

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 1/1

**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

1/1

21,0 cm/8 1/4"

AA  
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KYE  
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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



**AE 610/15**



**AE 611/15**

**REILL**  
 15,0 cm/6''



**AE 612/15**



**AE 613/15**

**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

AA  
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 AO  
 AP  
 AR  
 KA  
 KL  
 KM  
 KO  
 KU  
 KYE  
 X

**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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 KU  
 KYE  
 X



**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/5 1/2"



Fig. 1  
**AE 700/01**



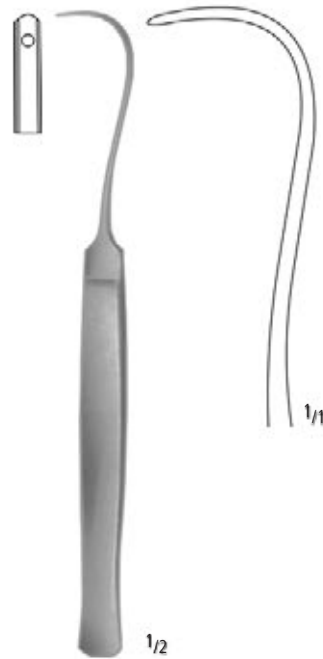
2  
**AE 700/02**



3  
**AE 700/03**



4  
**AE 700/04**



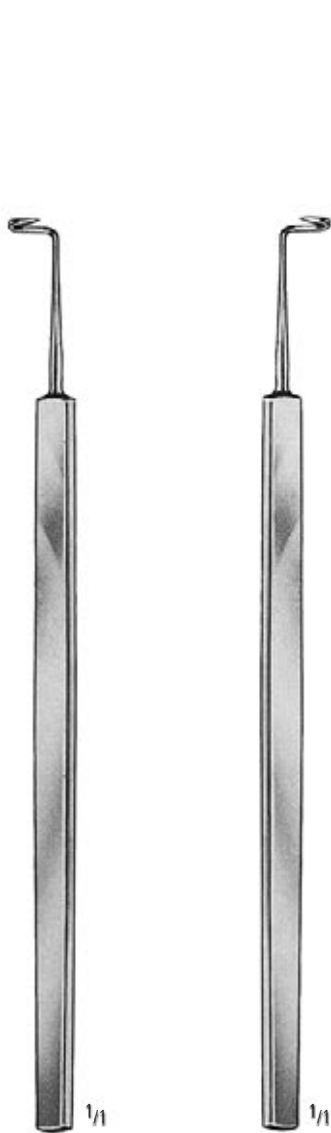
**SYME**  
**AE 753/17**  
 17,0 cm/6 3/4"



NAHT SUTURE SUTURA SUTURE SUTURA

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

AA  
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KU  
KYE  
X



**DE LA ROZA**  
**AE 767/01**  
12,0 cm/4<sup>3</sup>/<sub>4</sub>"

**DE LA ROZA**  
**AE 767/02**  
12,0 cm/4<sup>3</sup>/<sub>4</sub>"



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



**JACOBI**  
**AE 769/14**  
14,0 cm/5<sup>1</sup>/<sub>2</sub>"



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



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

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



**MICHEL**  
**AE 850/12**  
12,0 cm/4<sup>3</sup>/<sub>4</sub>"



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



**RICHTER-HEATH**  
**AE 853/14**  
14,0 cm/5<sup>1</sup>/<sub>2</sub>"



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



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



**MICHEL**  
**AE 858/12**  
12,0 cm/4<sup>3</sup>/<sub>4</sub>"

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**

Artikel Nr.	Größen sizes tamaños dimensions dimensioni mm	
<b>AE 870/08</b>	7,5 x 1,75	
<b>AE 870/11</b>	11 x 2,5	
<b>AE 870/12</b>	12 x 3	
<b>AE 870/14</b>	14 x 3	
<b>AE 870/16</b>	16 x 3	
<b>AE 870/18</b>	18 x 3	
<b>AE 870/20</b>	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<sup>®</sup> instruments

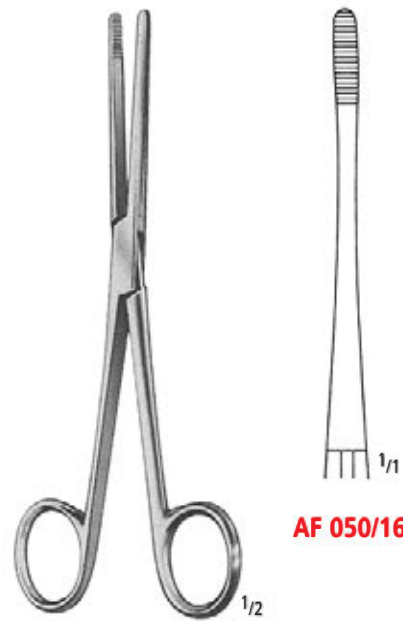
Tupferzangen	Seite	129-134
Sponge Forceps	Page	129-134
Pinzas para pólipos	Página	129-134
Pinces à pansements	Page	129-134
Pinze per polipi	Pagina	129-134
Wundhaken	Seite	135-152
Retractors	Page	135-152
Separadores	Página	135-152
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Punción/Agujas especiales	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
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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/6<sup>1</sup>/<sub>4</sub>" **AF 050/16**  
18,0 cm/7" **AF 050/18**

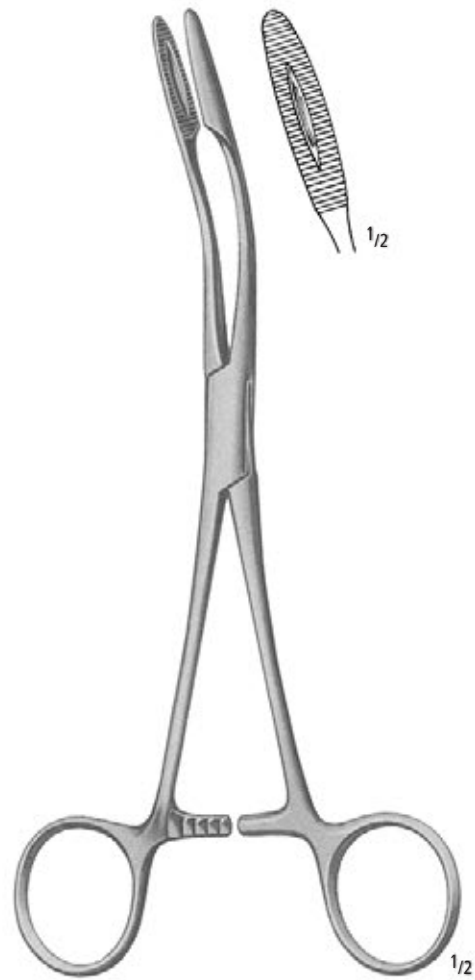
**AF 050/16**

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**

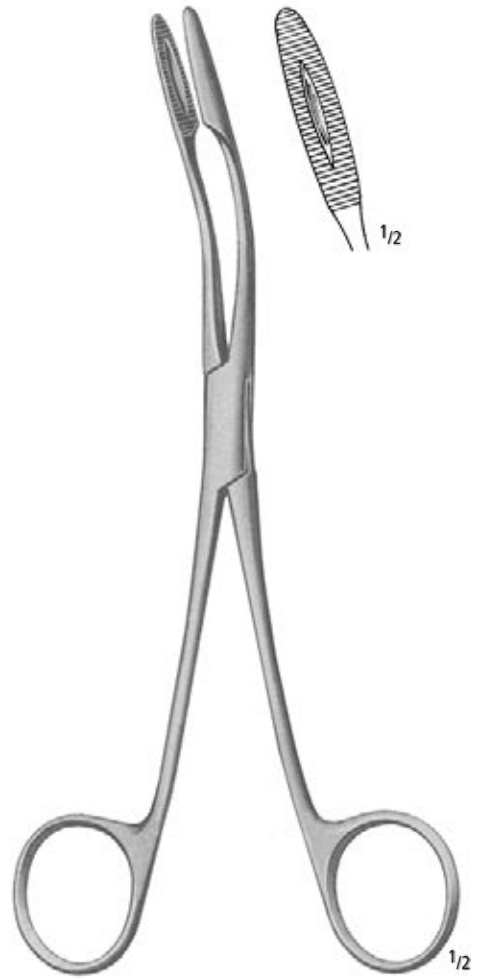
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Korn- und Tupferzangen, Schwammzangen  
 Polypus and Dressing Forceps, Sponge Holding Forceps  
 Pinzas para pólipos, tapones y esponjas  
 Pincas à pansements, à tampons et à éponges  
 Pinze per polipi, tamponi e spugne



**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"



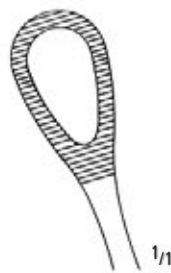
**DUPLAY**  
**AF 177/20**  
 20,5 cm/8"



**FOERSTER-BALLENGER**



**AF 200/18**  
**AF 200/20**



**AF 201/18** 18,0 cm/7"  
**AF 201/20** 20,0 cm/8"



**AF 202/18**  
**AF 202/20**



**AF 203/18**  
**AF 203/20**

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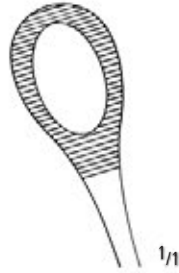
Korn- und Tupferzangen, Schwammzangen  
 Polypus and Dressing Forceps, Sponge Holding Forceps  
 Pinzas para pólipos, tapones y esponjas  
 Pincers à pansements, à tampons et à éponges  
 Pinze per polipi, tamponi e spugne



**FOERSTER-BALLEGER**  
 25,0 cm/10"



**AF 200/25**



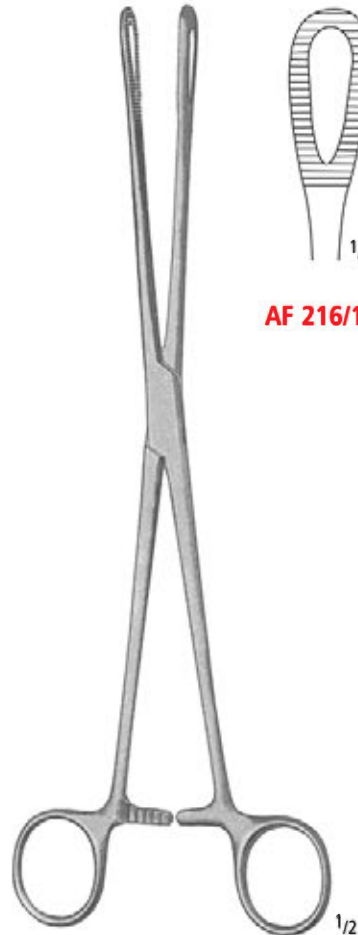
**AF 201/25**



**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**



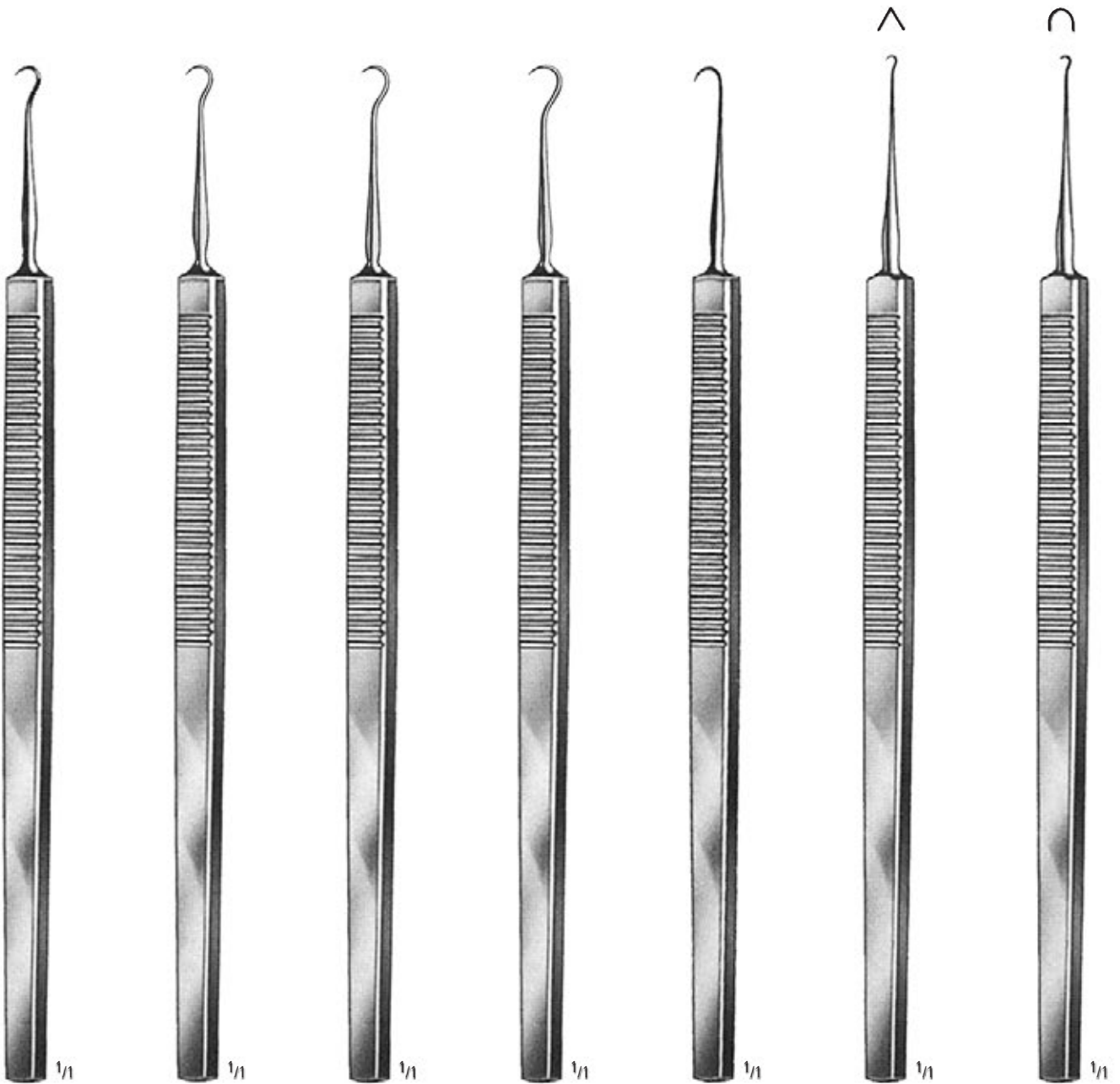
**KLEINERT-KUTZ**  
**AK 026/02**  
16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**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**



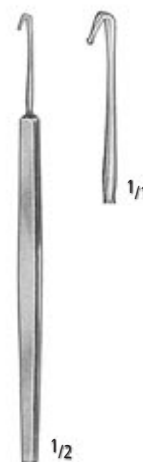
**CUSHING**  
19,0 cm/7 1/2"



**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/6 3/4"



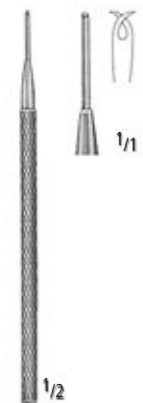
**AK 042/10**  
Ø 1,0 mm



**AK 042/12**  
Ø 1,2 mm



18,5 cm/7 1/8"

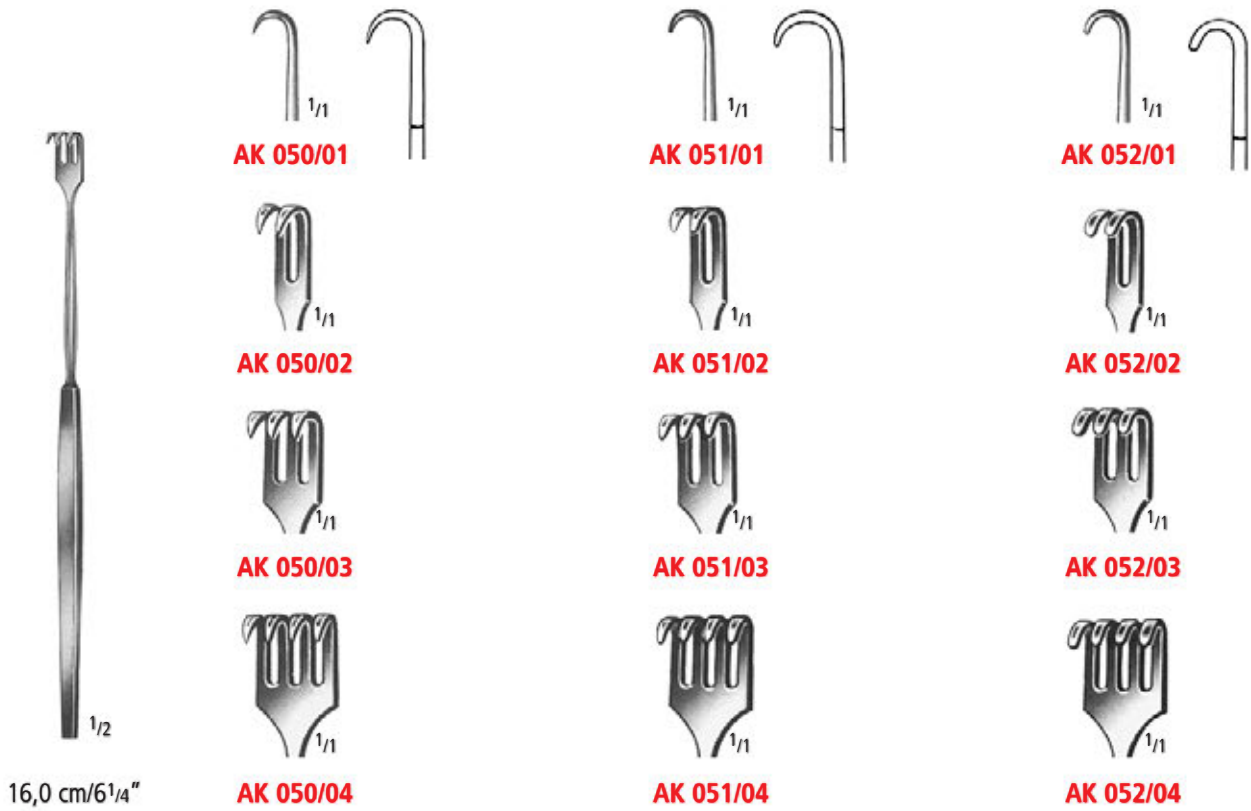


**AK 044/11**  
11,0 cm/4 1/8"

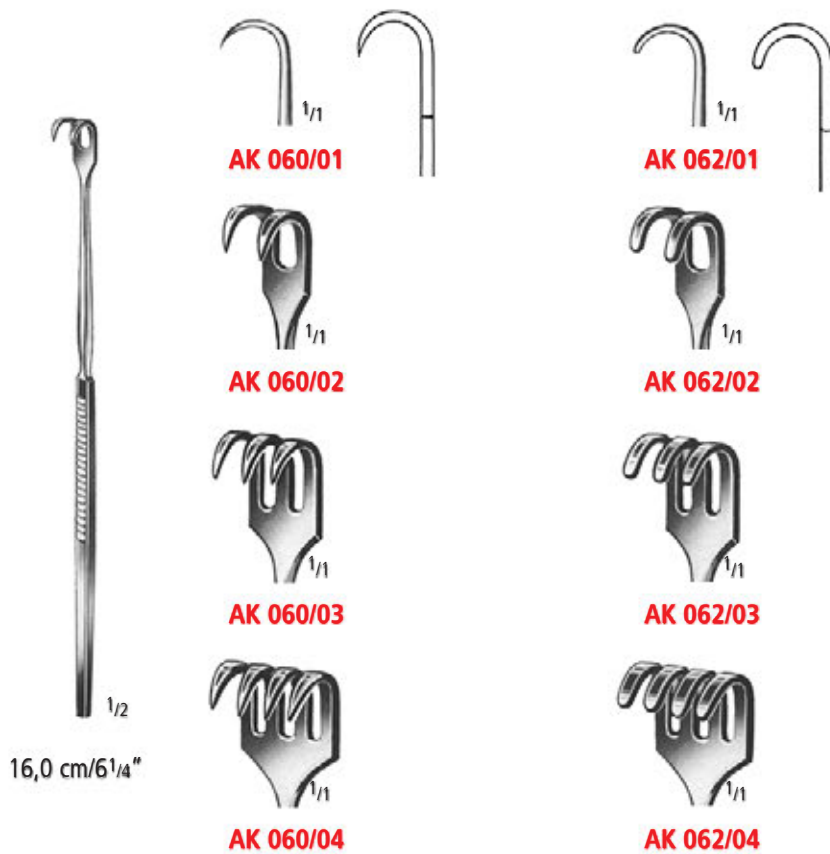
**AK**

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken  
 Delicate Hooks  
 Ganchos  
 Crochets très fins  
 Divaricatori sottili



16,0 cm/6 1/4"



16,0 cm/6 1/4"

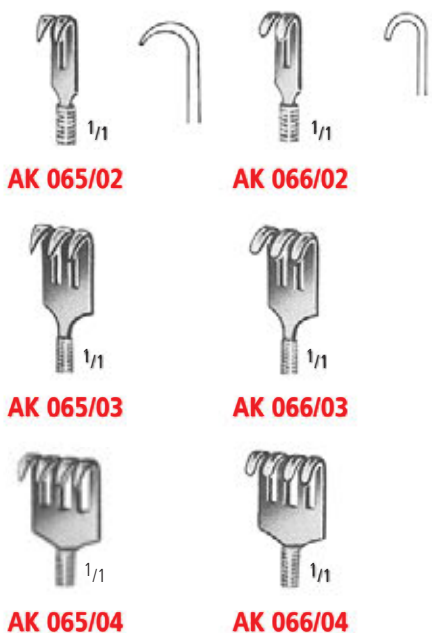
WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

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

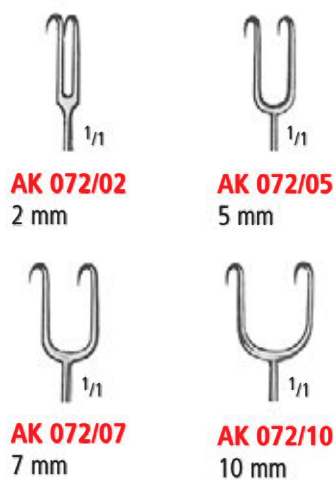
AK 066/04



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"



KNAPP  
13,0 cm/5"



AK 077/13

AK 078/13

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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

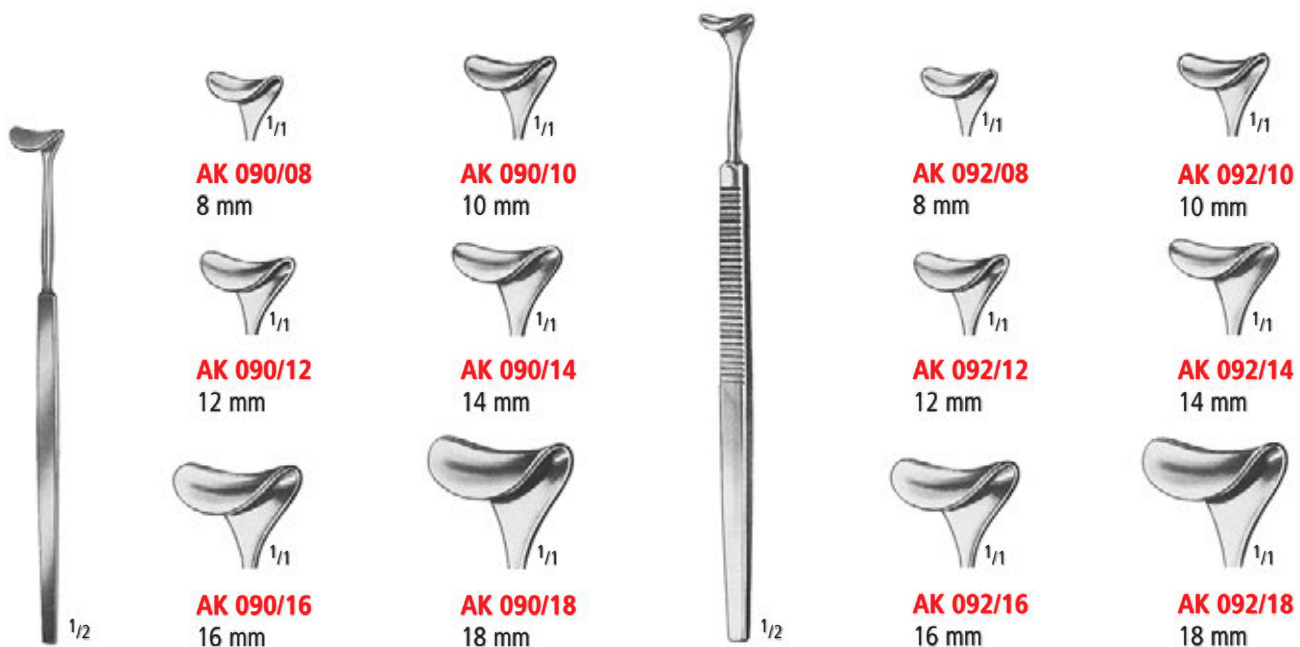


**AK 086/22**  
22 x 8 mm



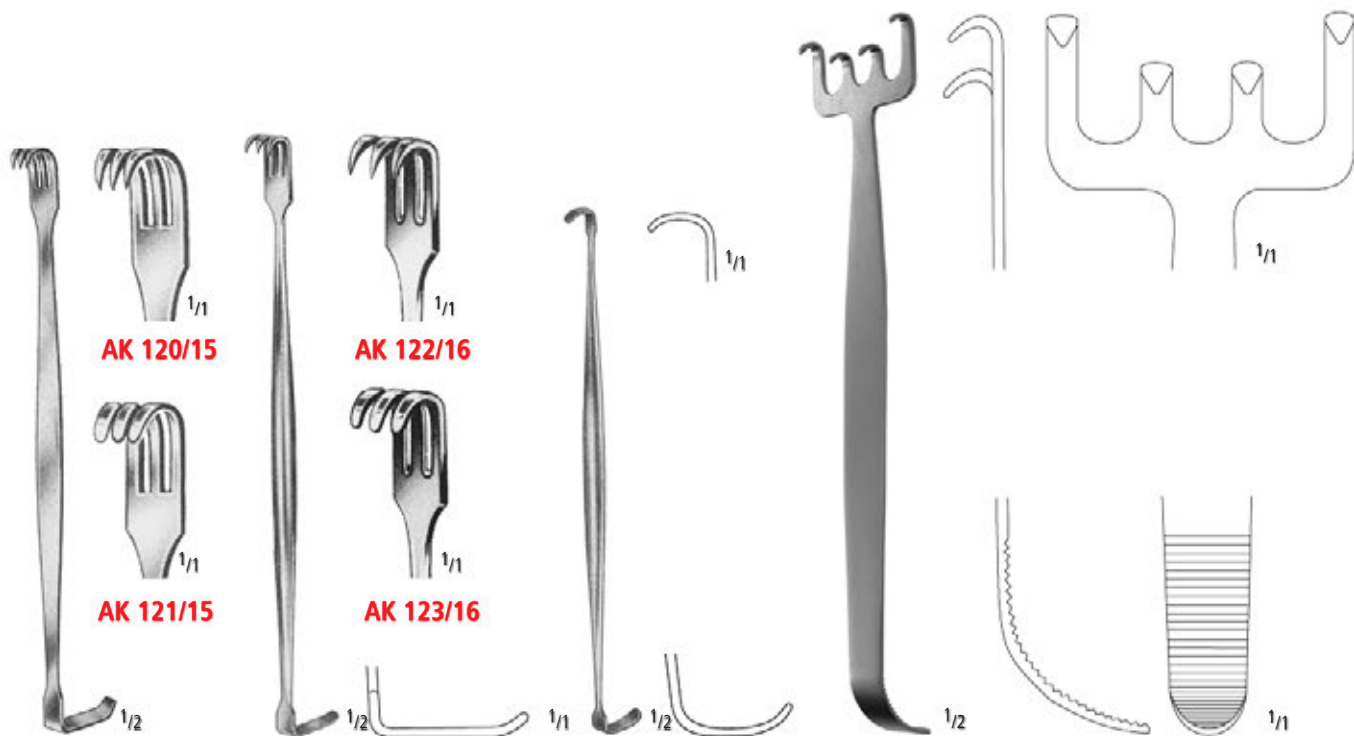
WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

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"

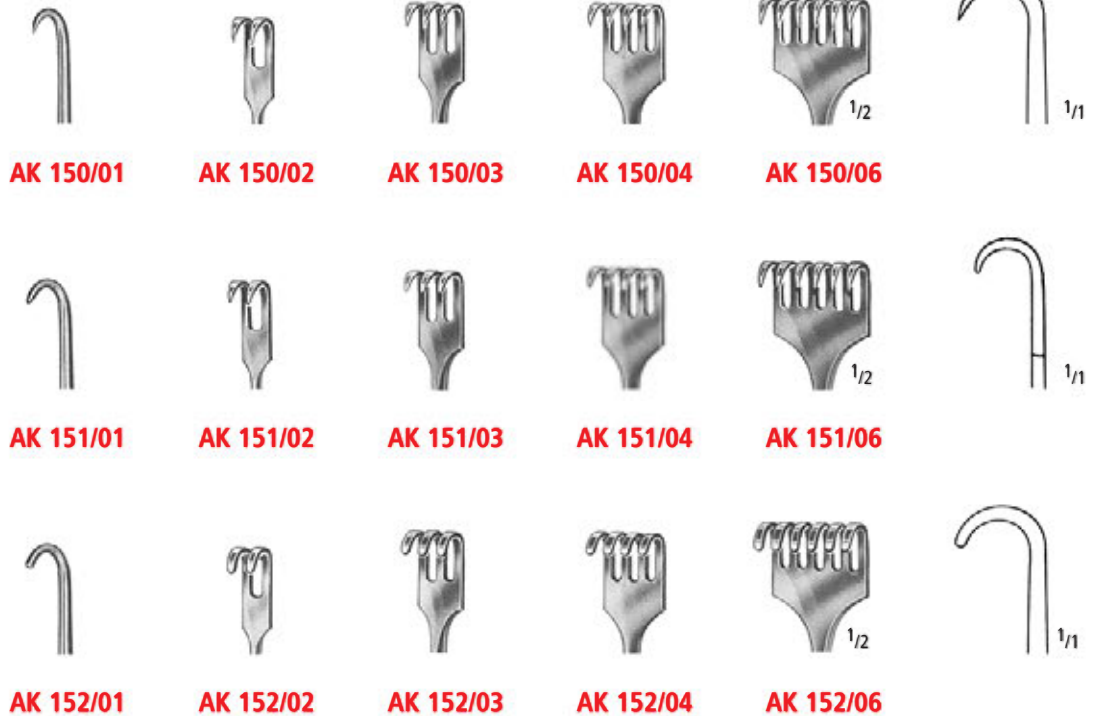
**RAGNELL-DAVIS**  
**AK 125/14**  
14,0 cm/5 1/2"

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

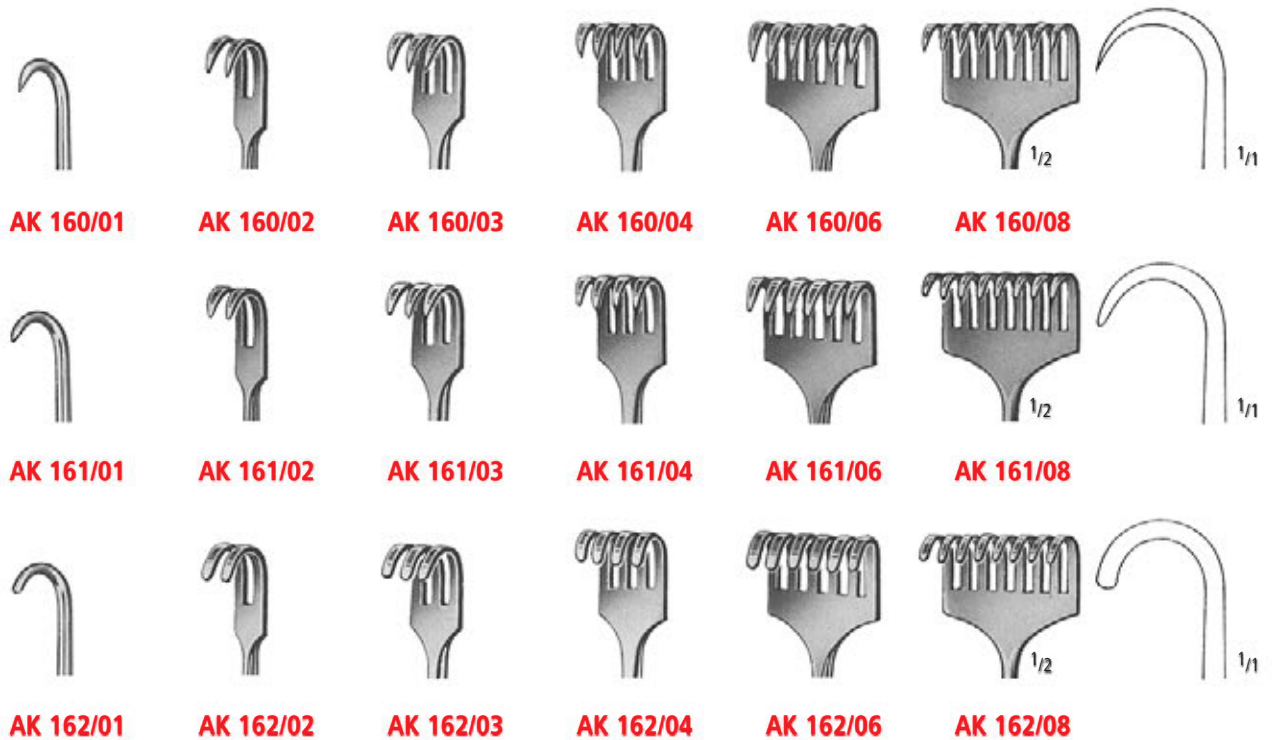
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**VOLKMANN**  
21,5 cm/8<sup>1</sup>/<sub>2</sub>"

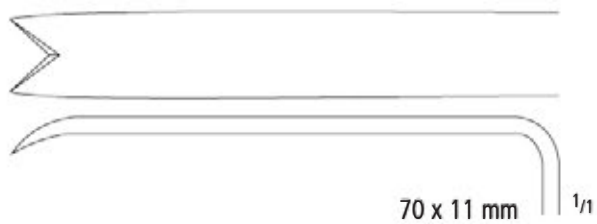


**KOCHER**  
22,0 cm/8<sup>3</sup>/<sub>4</sub>"





**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

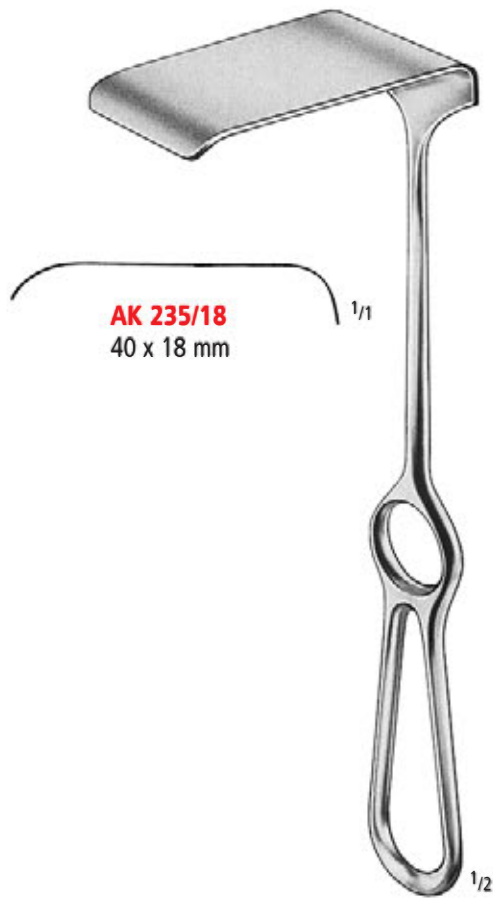


**AK 233/05**  
 40 x 11 mm



**AK 233/06**  
 55 x 11 mm

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**AK 235/18**  
40 x 18 mm

<sup>1/2</sup>

**KOCHER**  
23,0 cm/9"



**AK 236/01**  
44 x 16 mm

<sup>1/1</sup>

<sup>1/2</sup>

**SAUERBRUCH**  
22,5 cm/8<sup>3</sup>/<sub>4</sub>"



28 X 6 mm

<sup>1/1</sup>

<sup>1/2</sup>

**LAHEY**  
**AK 242/19**  
19,0 cm/7<sup>1</sup>/<sub>2</sub>"



12 X 14 mm

<sup>1/1</sup>

<sup>1/2</sup>

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



**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"

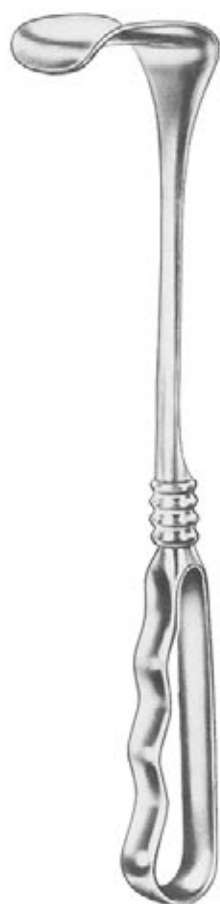


26 X 30 mm

**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



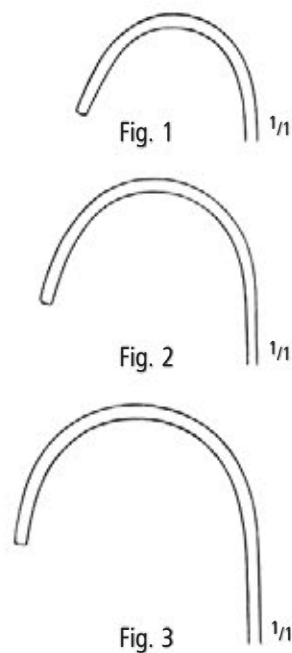
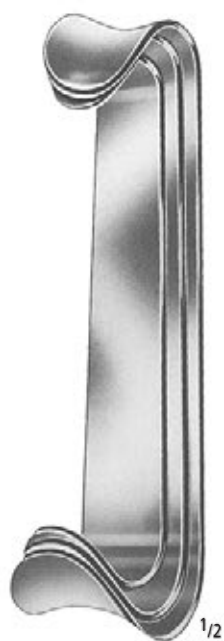
**AK 247/03**  
44 X 38 mm



**AK 247/04**  
52 X 22 mm



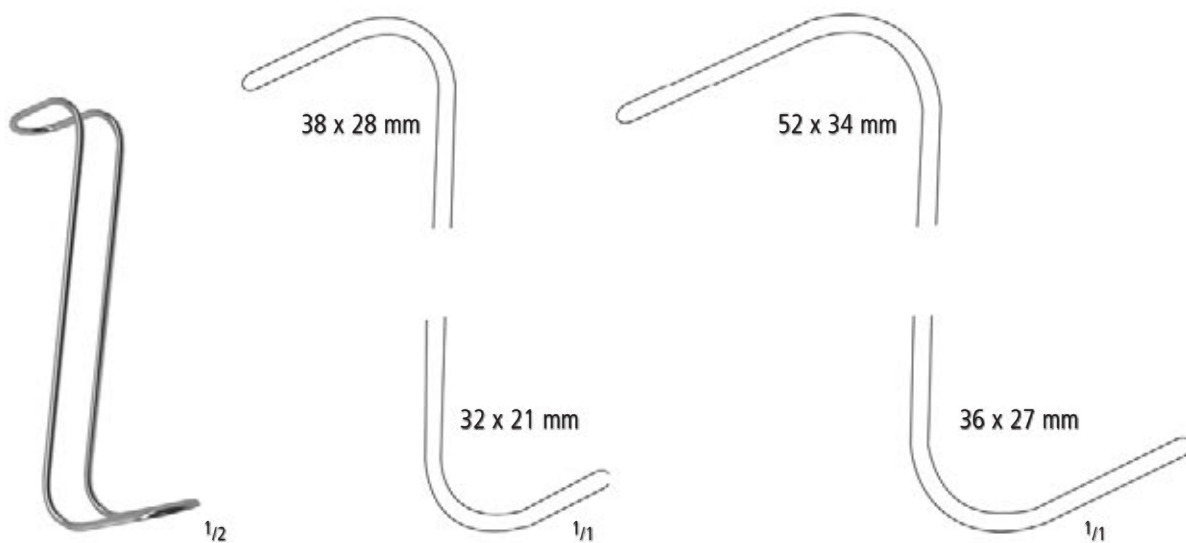
**AK 247/05**  
65 X 50 mm



**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/4<sup>3</sup>/<sub>4</sub>"



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**

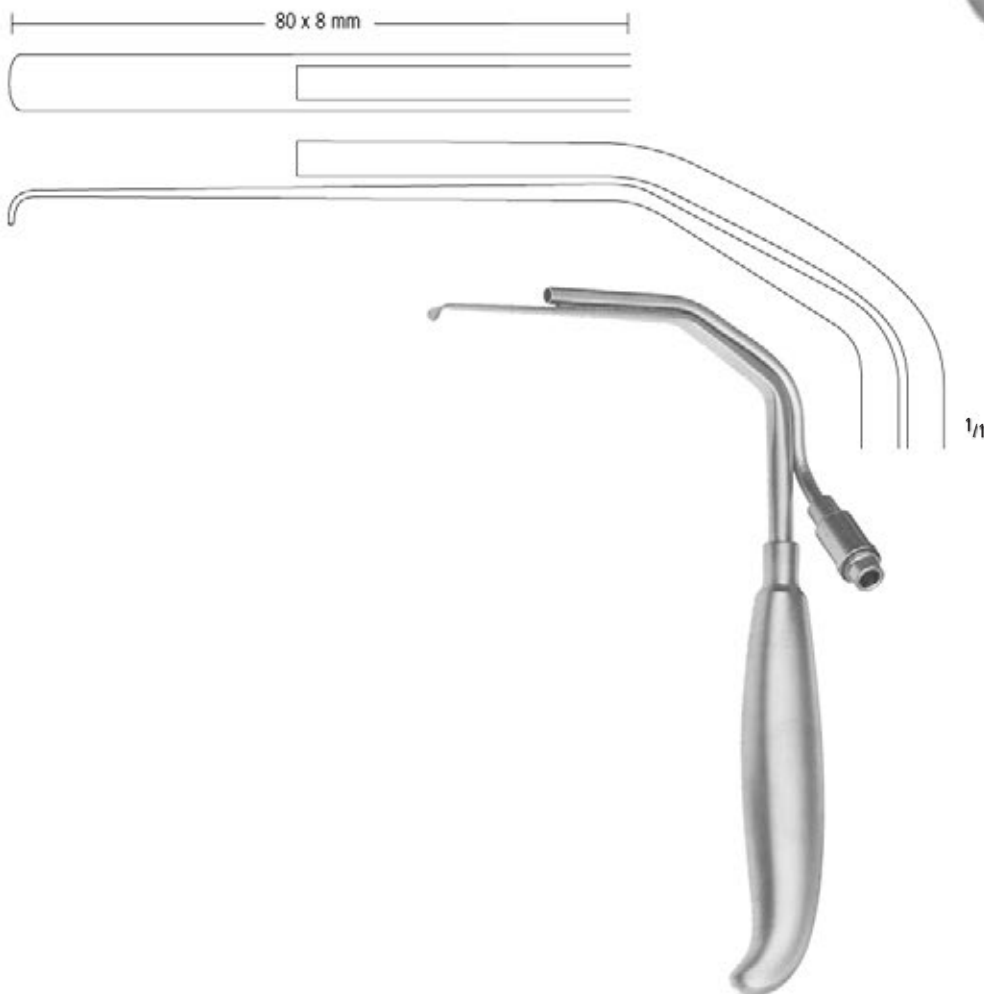
**PARKER**  
**AK 373/00** Fig. 1+2  
13,5 cm/5<sup>1</sup>/<sub>4</sub>"

**AK** WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

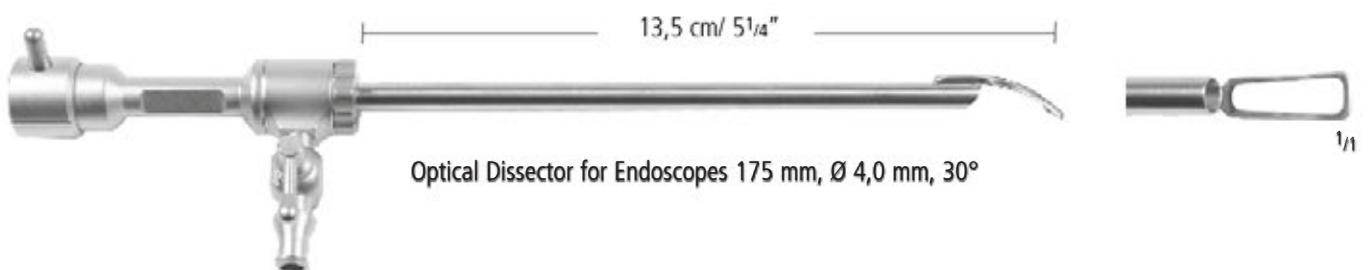
Wundhaken mit Kaltlichtbeleuchtung  
 Retractor with fibreoptic illumination  
 Retractor con iluminación de fibra óptica  
 Rétracteur avec illumination par fibre optique  
 Divaricatore con illuminazione a fibre ottiche



**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"  
7,0 cm/2<sup>3</sup>/<sub>4</sub>"

AK 500/05    AK 501/05  
AK 500/07    AK 501/07



AK 502/10    AK 503/10  
10,0 cm/4"



**ALM**

7,0 cm/2<sup>3</sup>/<sub>4</sub>"  
10,0 cm/4"

AK 506/07    AK 507/07  
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/4<sup>1</sup>/<sub>4</sub>"

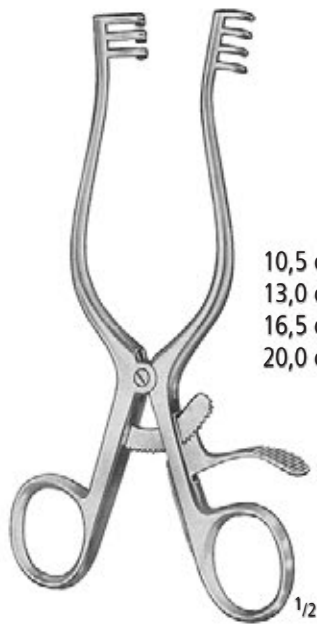
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**AK** WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer  
 Selfretaining Retractors  
 Separadores autoestaticos  
 Ecarteurs autostatiques  
 Divaricatori autostatici



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



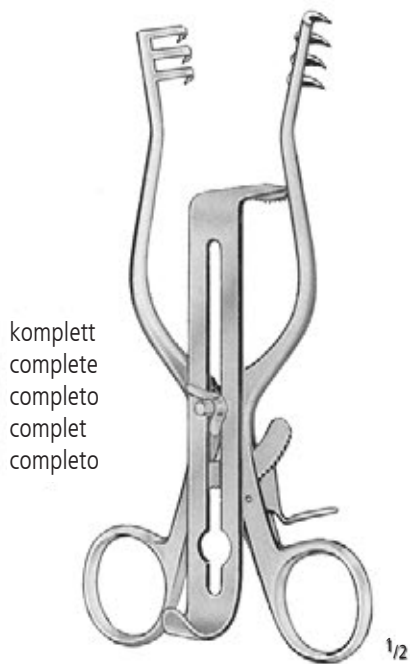
**WEITLANER**

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**



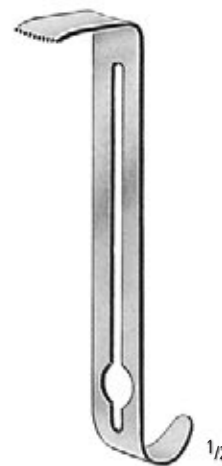
komplett  
 complete  
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**HENLEY**

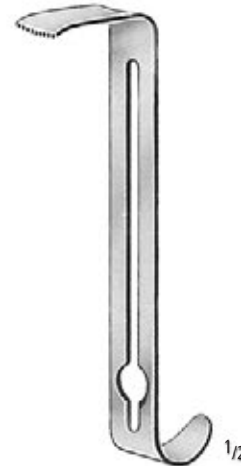
^      ∩  
**AK 536/00**    **AK 537/00**  
 16,5 cm/6 1/2"



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**

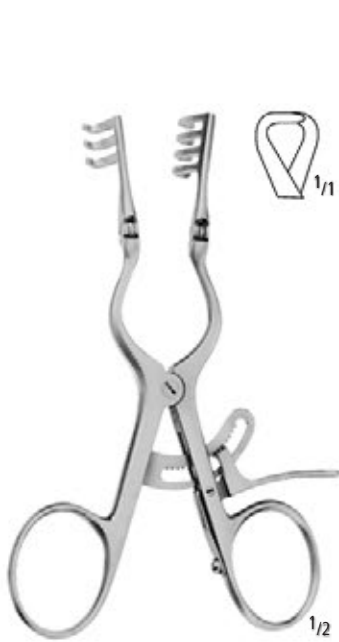


**MOLLISON**  
 ^                      ^  
**AK 550/15**      **AK 551/15**  
 15,0 cm/6"

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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

AL 001/11  
AL 001/13  
AL 001/14  
AL 001/16  
AL 001/18  
AL 001/20  
AL 001/25

2,0 mm

AL 002/11  
AL 002/13  
AL 002/14  
AL 002/16  
AL 002/18  
AL 002/20  
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



1/2



1/2

DOYEN

AL 017/14

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

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

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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**



Fig. 2  
**AL 030/02**



**LOCKHART-MUMMERY**  
 Fig. 3  
**AL 030/03**



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  
**AL 100/12**  
 14,0 cm/5 1/2"

**AL 100/16**

1,2 mm

**AL 100/18**



**FARRELL**

0,9 mm  
**AL 120/12**  
**AL 120/14**

**AL 120/16**

1,2 mm

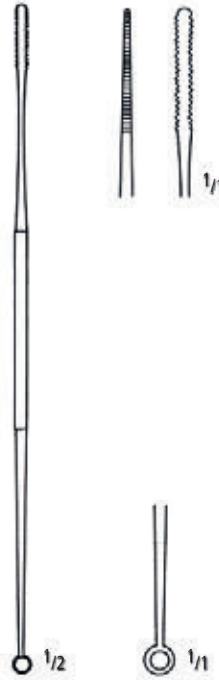
**AL 120/18**

SONDEN PROBES SONDAS SONDES SONDE

Watteträger  
Cotton Applicators  
Porta-algodones  
Porte-coton  
Portacotone



**UCKERMANN**  
**AL 160/16**  
16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**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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KU  
KYE  
X

Trokare  
Trocars  
Trócares  
Trocarts  
Trequarti

**LICHTWITZ**

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



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



**YANKAUER**  
**AO 400/00**  
27,0 cm/10<sup>3</sup>/<sub>4</sub>"



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



**ANDREWS-PYNCHON**  
**AO 406/00**  
23,5 cm/9<sup>1</sup>/<sub>3</sub>"



**DE BAKEY**  
**AO 408/00**  
27,5 cm/10<sup>3</sup>/<sub>4</sub>"

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AR  
KA  
KL  
KM  
KO  
KU  
KYE  
X

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

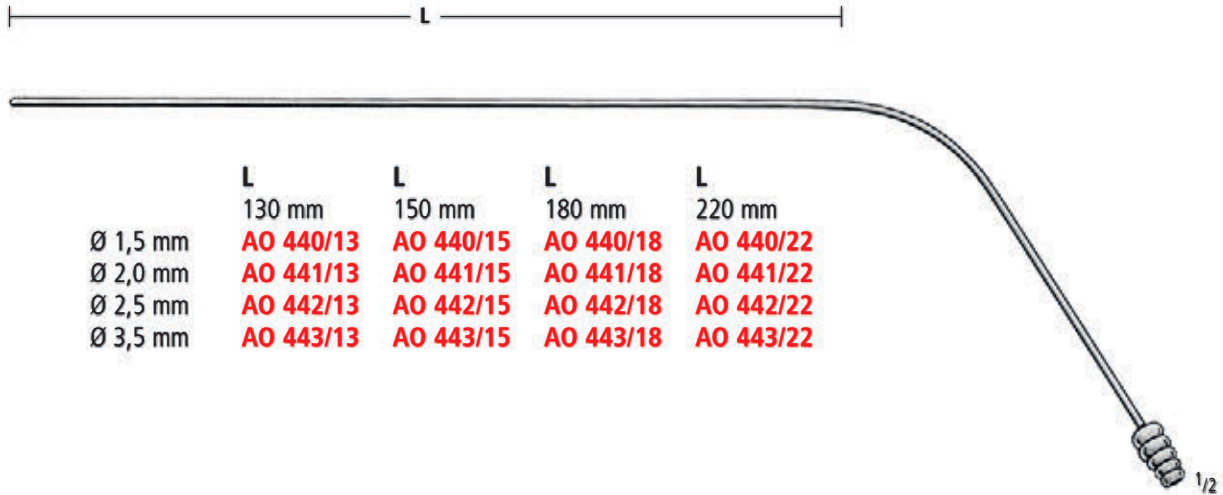


**WULLSTEIN**

- MICRO**
- AO 438/00**

AA  
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KM  
KO  
KU  
KYE  
X

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



**ADSON**  
**AO 450/04**  
21,0 cm/8<sup>1</sup>/<sub>4</sub>"  
Ø 4,0 mm

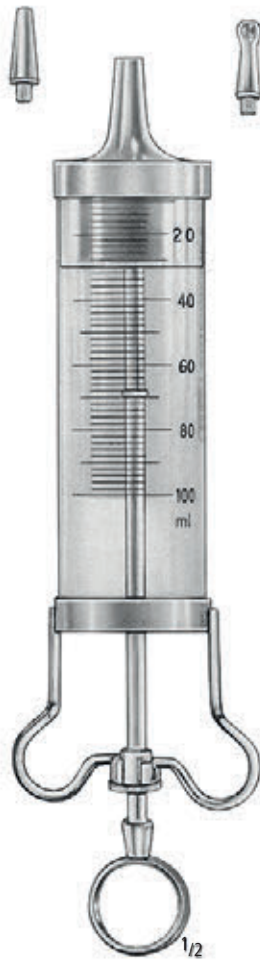
Weitere Sauginstrumente siehe Kapitel KL, KM, KO  
More suction instruments in chapter KL, KM, KO  
Para otras Tubos de aspiration ver seccion KL, KM, KO  
D'autres canules d'aspiration groupe KL, KM, KO  
Altre cannule per aspirazione vedi gruppo KL, KM, KO

Spritzen  
Syringes  
Jeringas  
Seringues  
Siringhe

AA  
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KM  
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KU  
KYE  
X



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**



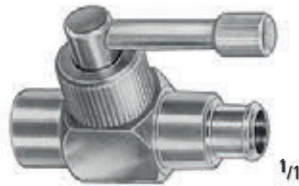
**AO 916/00**



**AO 917/00**



**AO 918/00**



**AO 920/00**

links  
 left  
 izquierda  
 gauche  
 sinistra



**AO 921/01**

rechts  
 right  
 derecha  
 droite  
 destra

**AO 921/02**



**AO 922/00**



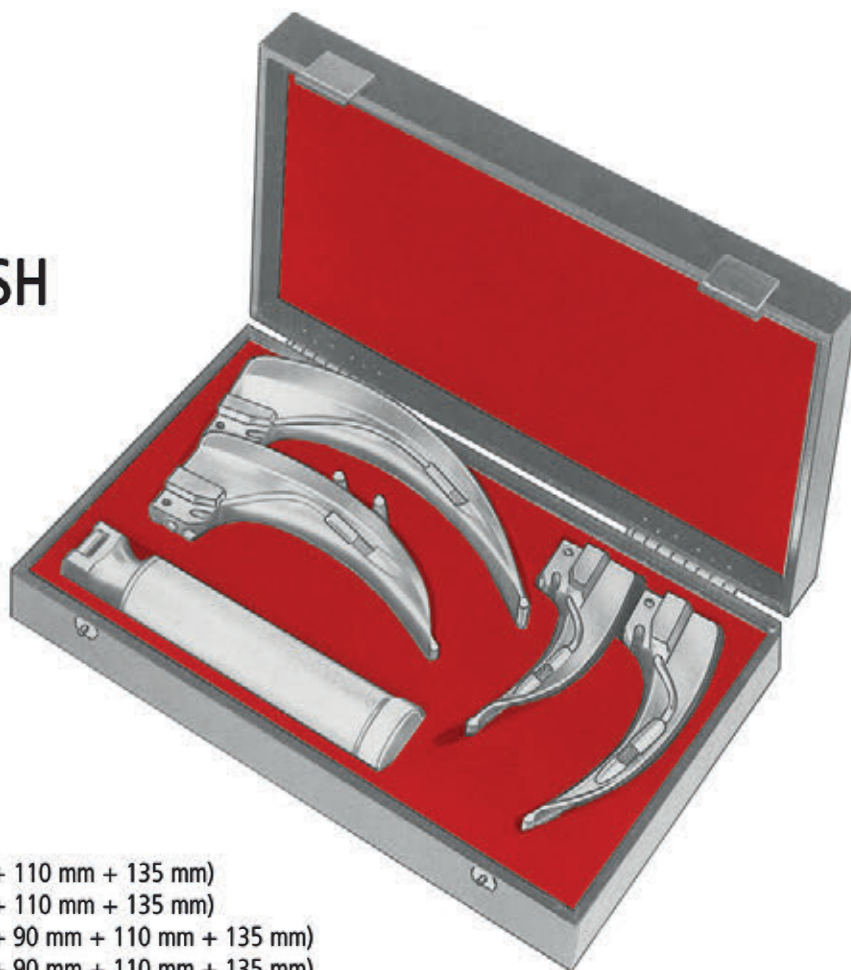
**AO 923/00**



**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	<b>AP 252/00</b>	<b>AP 252/50</b>
Fig. 1,	75 mm	<b>AP 252/01</b>	<b>AP 252/51</b>
Fig. 2,	90 mm	<b>AP 252/02</b>	<b>AP 252/52</b>
Fig. 3,	110 mm	<b>AP 252/03</b>	<b>AP 252/53</b>
Fig. 4,	135 mm	<b>AP 252/04</b>	<b>AP 252/54</b>

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



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

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KYE  
X

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. 1-4  
Halogen



**AP 282/01**  
Fig. 1-4  
LED



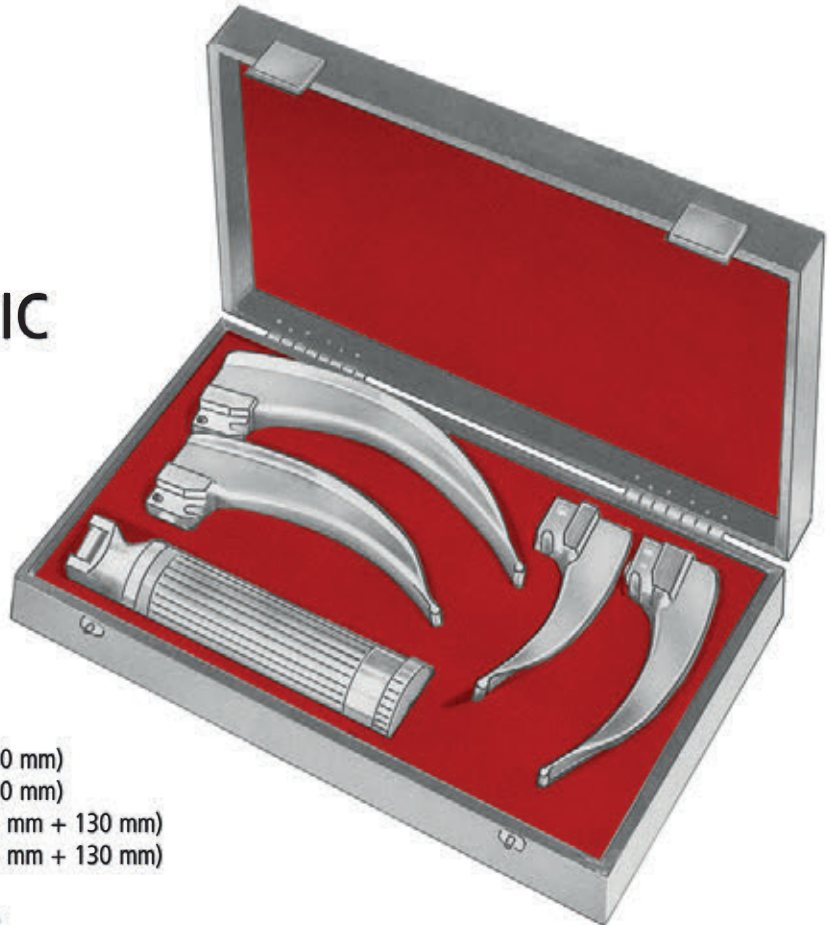
**AP 284/00**  
Fig. 0  
Halogen



**AP 284/01**  
Fig. 0  
LED

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

## McINTOSH FIBRE OPTIC



<b>AP 300/00</b>	Halogen	(80 mm + 105 mm + 130 mm)
<b>AP 300/50</b>	LED	(80 mm + 105 mm + 130 mm)
<b>AP 300/01</b>	Halogen	(70 mm + 80 mm + 105 mm + 130 mm)
<b>AP 300/51</b>	LED	(70 mm + 80 mm + 105 mm + 130 mm)

komplett - complete - completo - complet - completo



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

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KYE  
X

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	<b>AP 312/00</b>	<b>AP 312/50</b>
Fig. 1,	95 mm	<b>AP 312/01</b>	<b>AP 312/51</b>
Fig. 2,	110 mm	<b>AP 312/02</b>	<b>AP 312/52</b>
Fig. 3,	140 mm	<b>AP 312/03</b>	<b>AP 312/53</b>
Fig. 4,	170 mm	<b>AP 312/04</b>	<b>AP 312/54</b>

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	<b>AP 322/00</b>	<b>AP 322/50</b>
Fig. 1,	80 mm	<b>AP 322/01</b>	<b>AP 322/51</b>
Fig. 2,	130 mm	<b>AP 322/02</b>	<b>AP 322/52</b>
Fig. 3,	170 mm	<b>AP 322/03</b>	<b>AP 322/53</b>
Fig. 4,	180 mm	<b>AP 322/04</b>	<b>AP 322/54</b>

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KO  
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KYE  
X

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

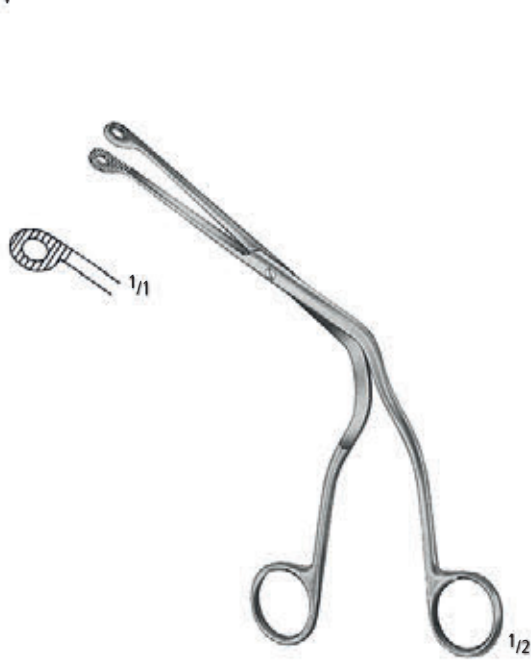


**AP 345/02**  
 2,5 V  
 Krypton



**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/6<sup>1</sup>/<sub>4</sub>"

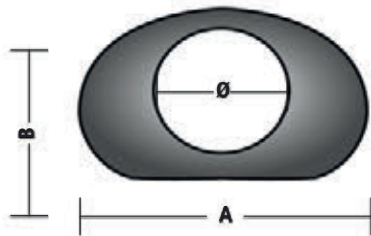


**MAGILL**  
**AP 410/20**  
20,0 cm/8"



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

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



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

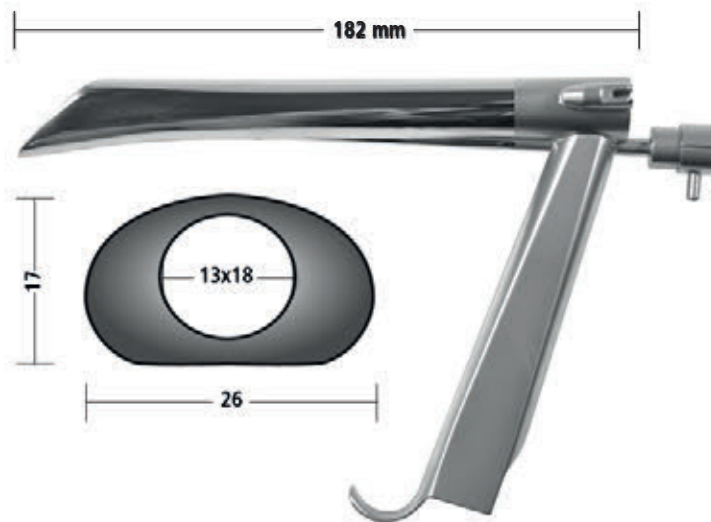
Fig. 7



**AP 425/07**  
 für lange Hälsen  
 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/ 7<sup>1</sup>/<sub>4</sub>"

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

AB

AC

AD

AE

AF

AK

AL

AO

AP

AR

KA

KL

KM

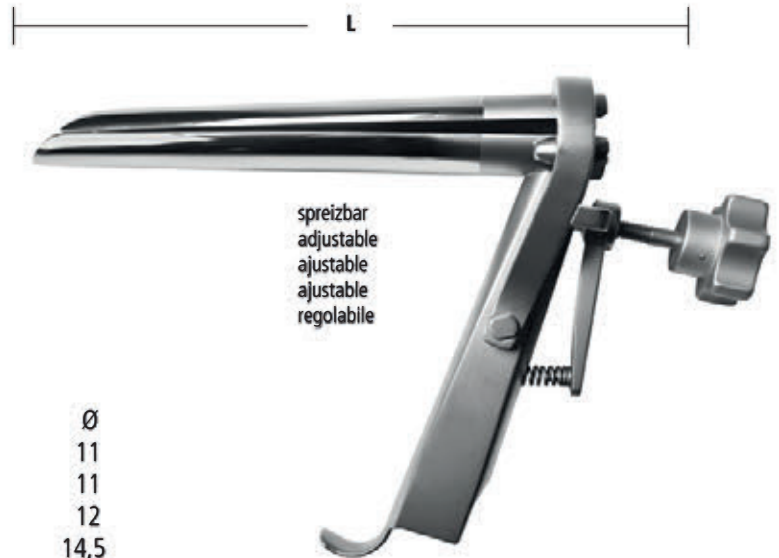
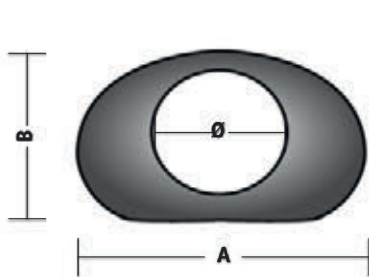
KO

KU

KYE

X

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



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



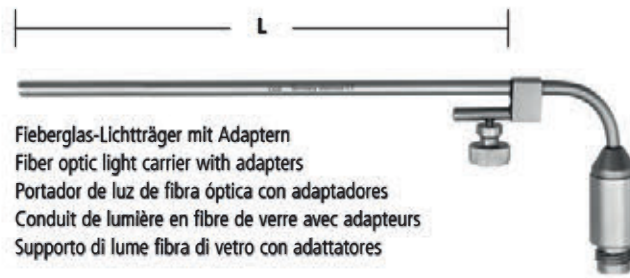
**AP 430/06**  
 für vordere Kommissur  
 for anterior commissure  
 para comisura anterior  
 pour commissure antérieure  
 per commissura anteriore

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

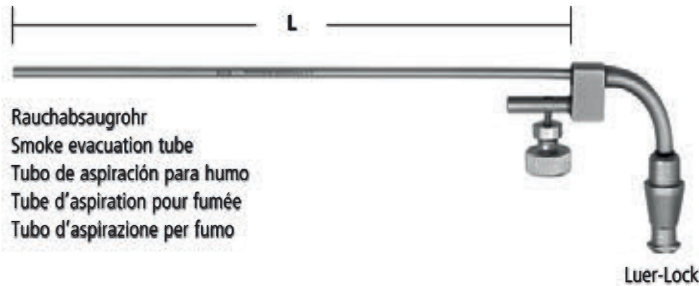
**Fig. 1-2**  
**AP 425/01 - AP 425/02**  
**AP 430/01 - AP 430/02**

**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

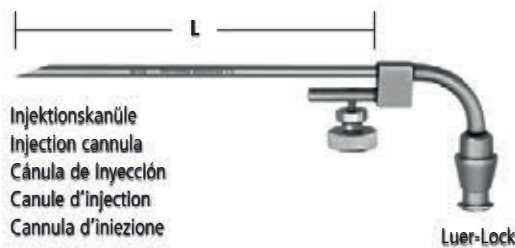
**AP 433/01**  
 L = 125 mm

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

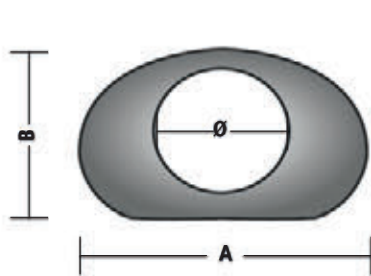
**AP 434/01**  
 L = 120 mm

für, for, para, pour, per

**Fig. 1-7**  
**AP 425/01 - AP 425/07**  
**AP 430/01 - AP 430/07**

AA  
 AB  
 AC  
 AD  
 AE  
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 AK  
 AL  
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 AP  
 AR  
 KA  
 KL  
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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 CO<sub>2</sub>-Laser  
 mat surface, for use with CO<sub>2</sub> laser  
 superficie mate, para aplicación con láser de CO<sub>2</sub>  
 surface mate, pour l'application avec laser CO<sub>2</sub>  
 superficie opaca, per applicazione con laser CO<sub>2</sub>

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



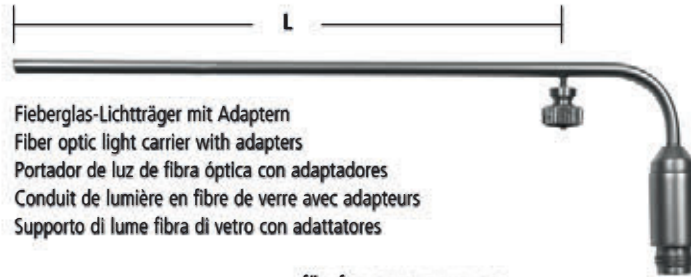
**AP 440/06**  
 für vordere Kommissur  
 for anterior commissure  
 para comisura anterior  
 pour commissure antérieure  
 per commissura anteriore

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



Fieberglas-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

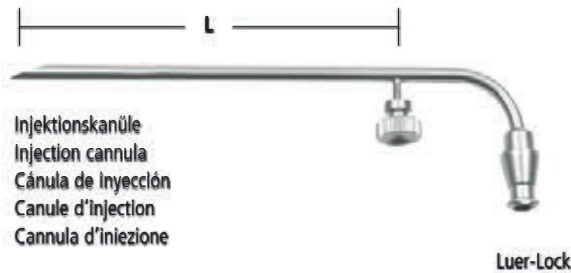
**AP 443/01**  
 L = 125 mm

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

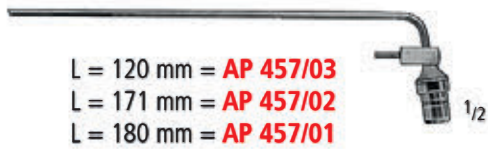
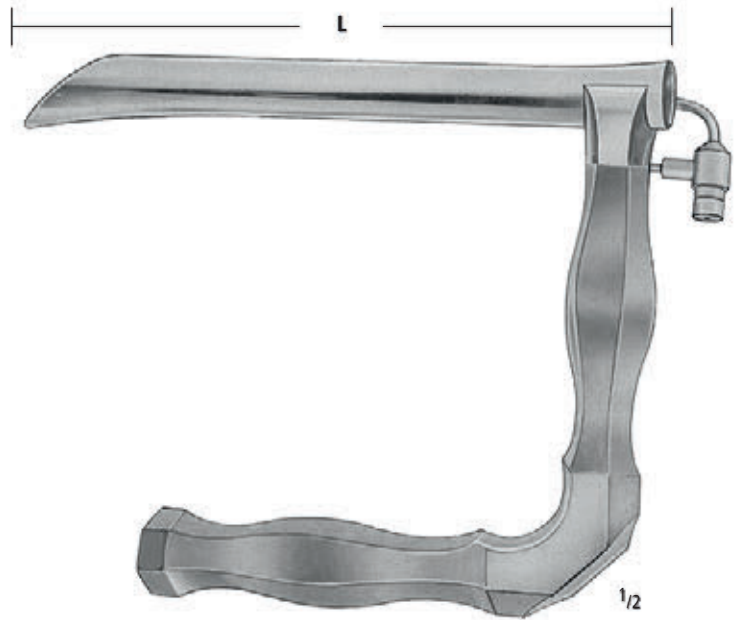
**Fig. 1-7**  
**AP 440/01 - AP 440/07**

AA  
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 KU  
 KYE  
 X

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

**HOLINGER**

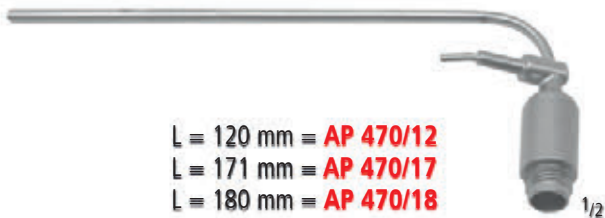
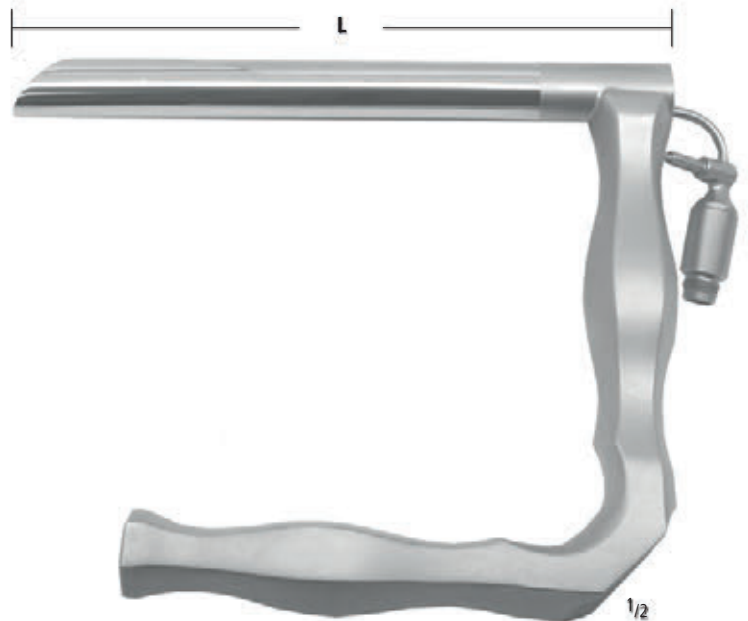
- L = 120 mm = **AP 455/03**
- L = 171 mm = **AP 455/02**
- L = 180 mm = **AP 455/01**



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

**JACKSON**

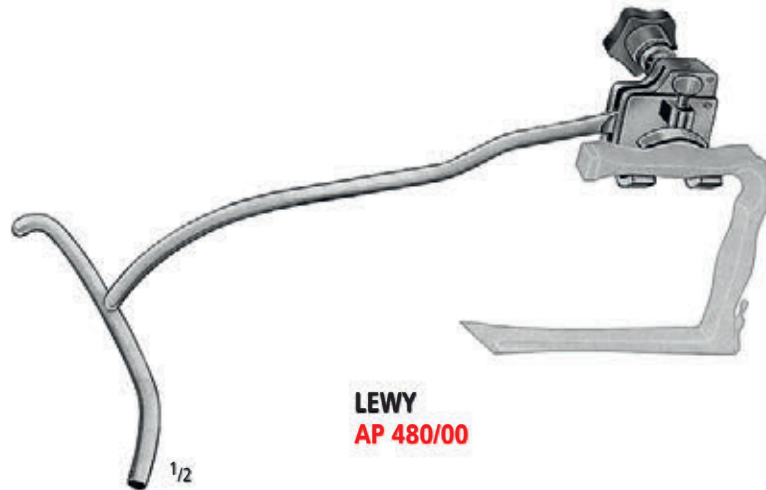
- L = 120 mm = **AP 465/12**
- L = 171 mm = **AP 465/17**
- L = 180 mm = **AP 465/18**



- 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-laringosopio con supporto sternale, completo



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

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

AA  
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 AV  
 AW  
 AX

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/9<sup>1</sup>/<sub>2</sub>"  
 für Kinder  
 for children  
 para niños  
 pour enfants  
 per bambini

**AP 483/34**  
 34,0 cm/13<sup>3</sup>/<sub>8</sub>"  
 für Erwachsene  
 for adults  
 para adultos  
 pour adultes  
 per adulti



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 485/09**  
 Ø 9,5 cm



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

**AP 485/10**



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

AA  
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 KU  
 KYE  
 X



AR 090/00



**ZIEGLER**  
 90 mm = AR 102/09  
 100 mm = AR 102/10

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

AA  
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 KU  
 KYE  
 X

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)

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, focalsable 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

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

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 de 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**

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Diagnostik-Bestecke  
Diagnostic Sets  
Juegos para diagnóstico  
Trousse 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	Claaa 1
Protection Class	IP 65

ORTHOPÄDIE  
ORTHOPAEDIC  
ORTOPEDIA  
ORTHOPEDIE  
ORTOPEDIA

KA

nopa<sup>®</sup> instruments

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

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

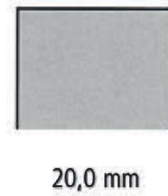
Para instrumentos de ortopedia adicionales, por favor consulte nuestro programa de ortopedia.

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

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

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



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

**PARTSCH**

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

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



**SMITH-PETERSEN**  
 20,0 cm/8"

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

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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

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**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**

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/8<sup>3</sup>/<sub>4</sub>"



**LEXER**  
 22,0 cm/8<sup>3</sup>/<sub>4</sub>"

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/10<sup>3</sup>/<sub>4</sub>"

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



**LEXER**  
 27,5 cm/10<sup>3</sup>/<sub>4</sub>"

**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

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	<b>KA 479/01</b>	<b>KA 479/02</b>	<b>KA 479/03</b>	<b>KA 479/04</b>
	<b>KA 479/05</b>	<b>KA 479/06</b>	<b>KA 479/07</b>	<b>KA 479/08</b>
	<b>KA 479/09</b>	<b>KA 479/10</b>	<b>KA 479/11</b>	<b>KA 479/12</b>
	<b>KA 479/13</b>	<b>KA 479/14</b>	<b>KA 479/15</b>	<b>KA 479/16</b>
	<b>KA 479/17</b>	<b>KA 479/18</b>	<b>KA 479/19</b>	<b>KA 479/20</b>
	<b>KA 479/21</b>	<b>KA 479/22</b>	<b>KA 479/23</b>	<b>KA 479/24</b>
	<b>KA 479/25</b>	<b>KA 479/26</b>	<b>KA 479/27</b>	<b>KA 479/28</b>

**DAHMEN**  
 30,0 cm/12"

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

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/6<sup>3</sup>/<sub>4</sub>"

**LAMBOTTE**  
 24,0 cm/9<sup>1</sup>/<sub>2</sub>"

**LAMBOTTE**  
 23,0 cm/9"

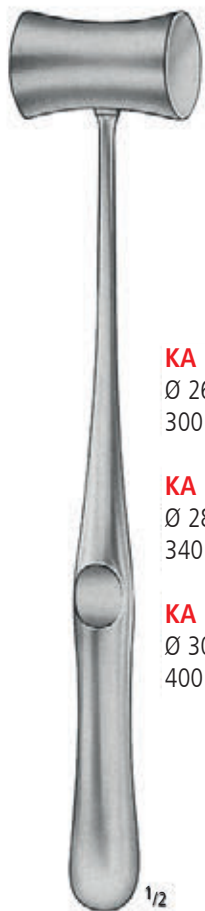
- mm
- 3,0 **KA 480/03**
- 4,0 **KA 480/04**
- 6,0 **KA 480/06**
- 8,0 **KA 480/08**
- 10,0 **KA 480/10**
- 12,0 **KA 480/12**
- 15,0 **KA 480/15**

- KA 481/03**
- KA 481/04**
- KA 481/06**
- KA 481/08**
- 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 (10<sup>3</sup>/<sub>4</sub> oz.)

**KA 520/34**  
Ø 28 mm  
340 g (12 oz.)

**KA 520/40**  
Ø 30 mm  
400 g (14<sup>1</sup>/<sub>4</sub> oz.)

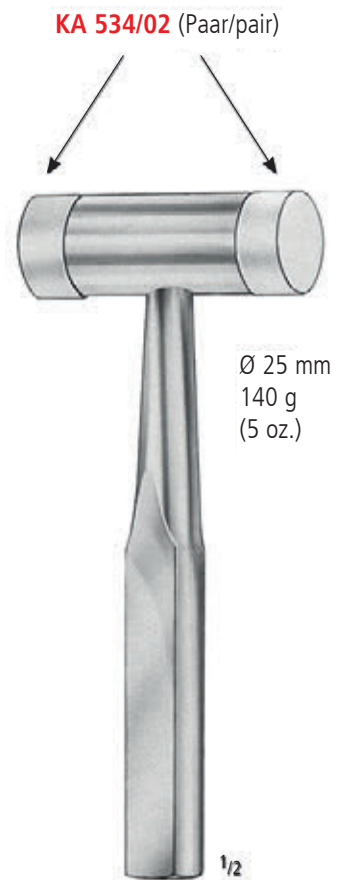
**WILLIGER**  
24,0 cm/9<sup>1</sup>/<sub>2</sub>"



**COTTLE**  
**KA 531/24**  
19,0 cm/7<sup>1</sup>/<sub>2</sub>"  
240 g (8<sup>1</sup>/<sub>2</sub> oz.)



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



**KA 534/02** (Paar/pair)

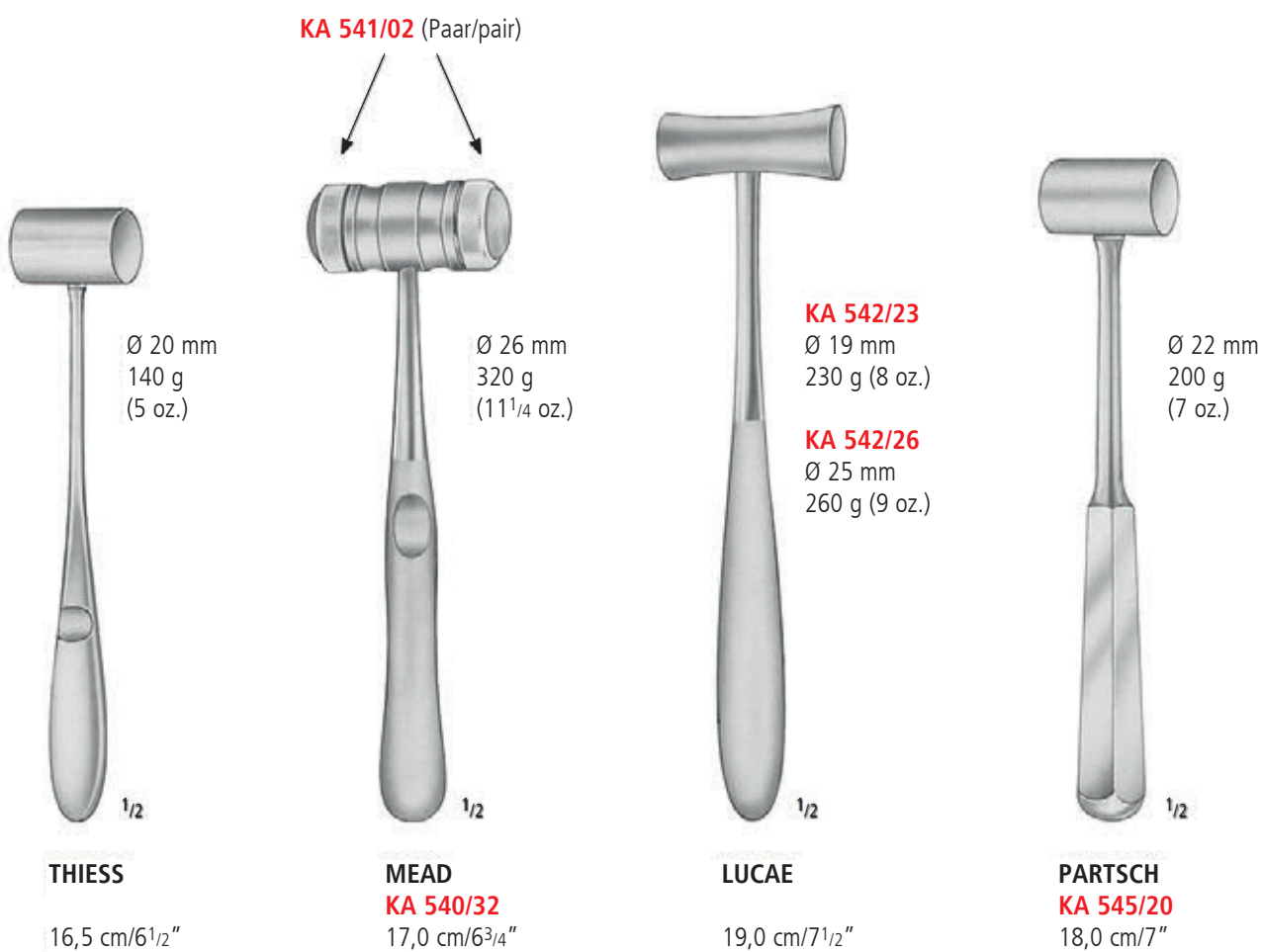
Ø 30 mm  
220 g (7<sup>3</sup>/<sub>4</sub> oz.)

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 (12<sup>3</sup>/<sub>4</sub> oz.)  
Ferrozell



**KA 555/13**  
125 g (4<sup>1</sup>/<sub>4</sub> 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 pala

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Scharfe Löffel  
 Bone Currettes  
 Cucharillas cortantes  
 Currettes tranchantes  
 Curette taglienti



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**



**VOLKMANN**  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"



**BRUNS**  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"



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**



Fig. 6  
**KA 612/06**

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/6<sup>3</sup>/<sub>4</sub>"



**SCHEDE**  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"



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  
 Curettes tranchantes  
 Curette taglienti



**KA 640/00**

**KA 640/01**

**KA 640/12**

**WILLIGER**  
 13,5 cm/5<sup>1</sup>/<sub>4</sub>"



**KA 642/00**

**KA 642/01**

**KA 642/12**

**MARTINI**  
 13,5 cm/5<sup>1</sup>/<sub>4</sub>"



**JANSEN**  
**KA 644/16**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



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



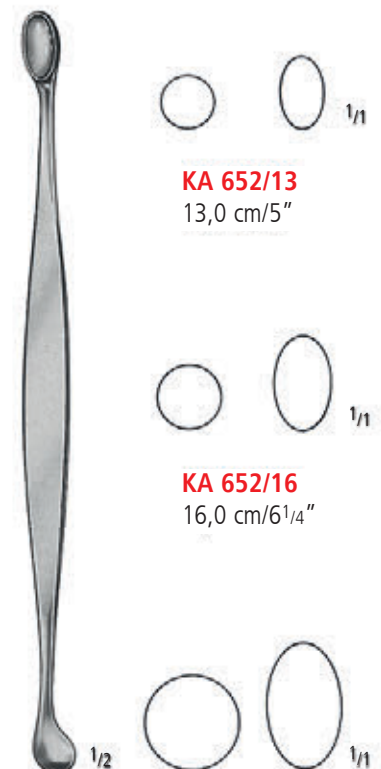
**KA 648/21**  
 21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**KA 650/13**  
 13,0 cm/5"

**KA 650/14**  
 14,0 cm/5<sup>1</sup>/<sub>2</sub>"

**VOLKMANN** **KA 650/17**  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"



**KA 652/13**  
 13,0 cm/5"

**KA 652/16**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"

**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"



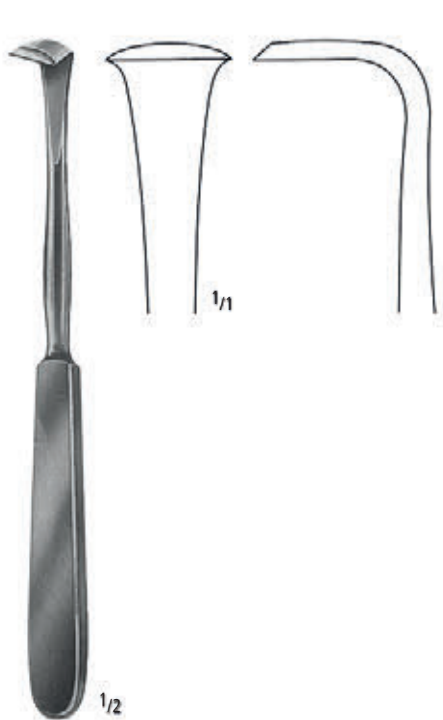
**KA 666/18**  
18,0 cm/7"



**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**



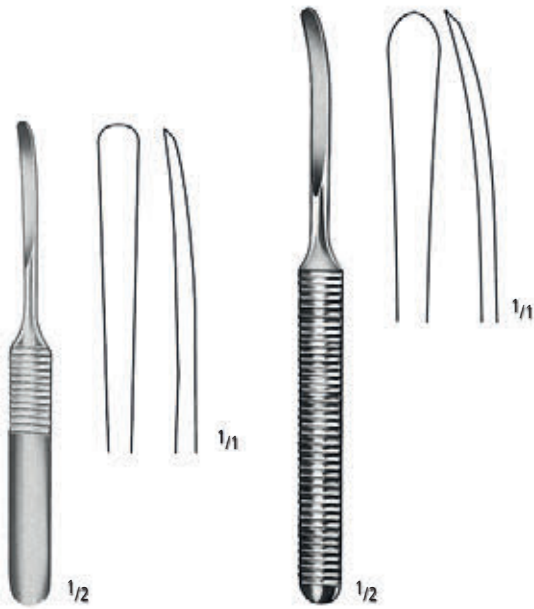
**KA 675/05**

6,0 mm  
**KA 675/06**

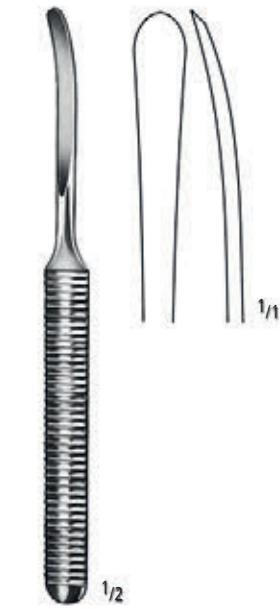
7,0 mm  
**KA 675/07**

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/6<sup>1</sup>/<sub>4</sub>"

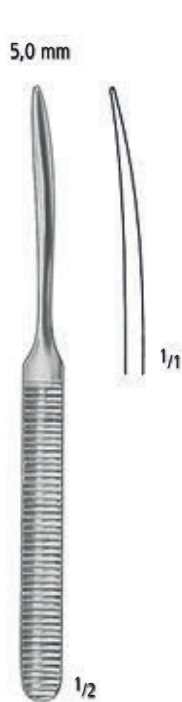


**KA 690/06**

**KA 690/08**

**KA 690/10**

**LANGENBECK**  
 19,5 cm/7<sup>3</sup>/<sub>4</sub>"



**WILLIGER**  
**KA 692/16**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**WILLIGER**  
**KA 694/17**  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"



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

Elevatori  
Elevators  
Elevadores  
Elévateurs  
Elevatori



**KA 696/17**  
17,5 cm/6<sup>3</sup>/<sub>4</sub>"



**KA 698/16**  
16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**ALDERDYCE**  
**KA 699/21**  
21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**McDONALD**  
**KA 700/19**  
19,0 cm/7<sup>1</sup>/<sub>2</sub>"



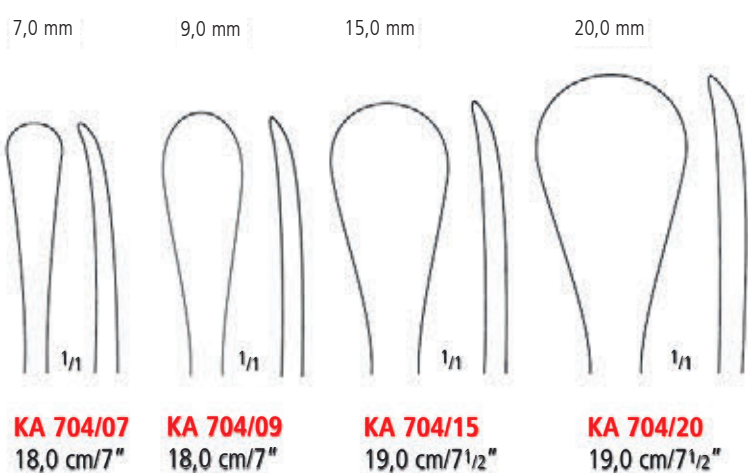
**FREER**  
19,0 cm/7<sup>1</sup>/<sub>2</sub>"



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



**HOEN**



**KA 704/07**  
18,0 cm/7"

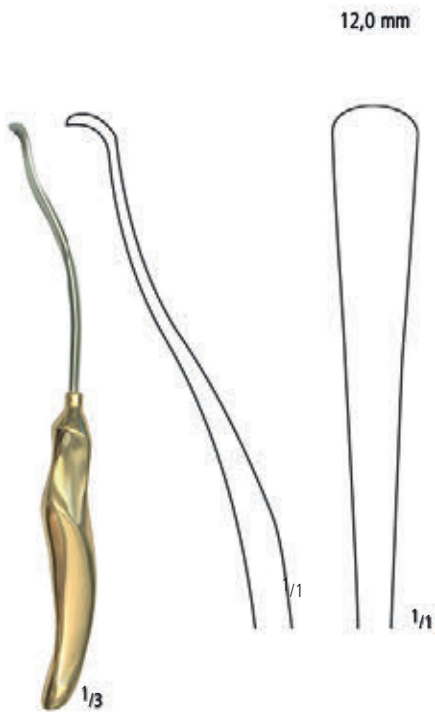
**KA 704/09**  
18,0 cm/7"

**KA 704/15**  
19,0 cm/7<sup>1</sup>/<sub>2</sub>"

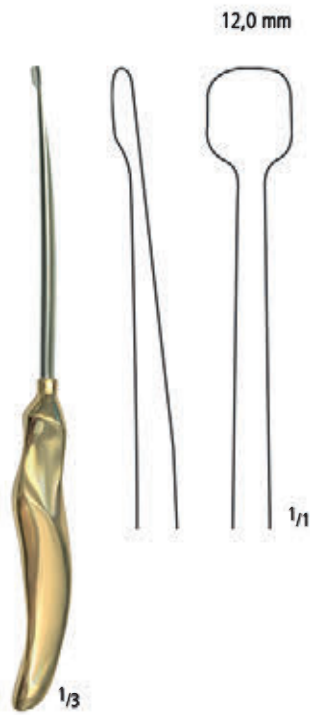
**KA 704/20**  
19,0 cm/7<sup>1</sup>/<sub>2</sub>"

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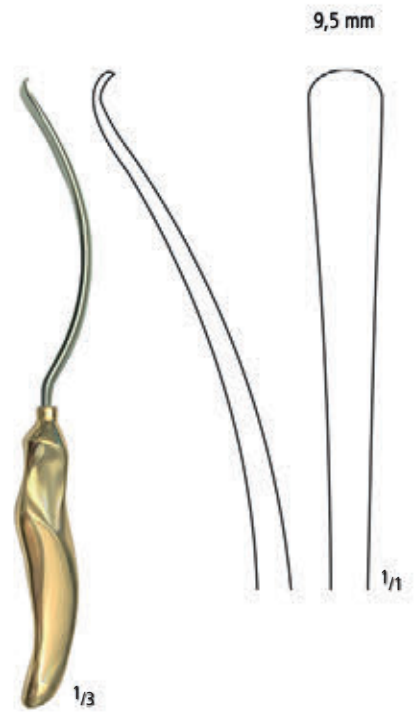
Face-Lift Dissektoren  
 Face-Lift Dissectors  
 Face-Lift Dissectores  
 Face-Lift Dissecteurs  
 Face-Lift Dissettori



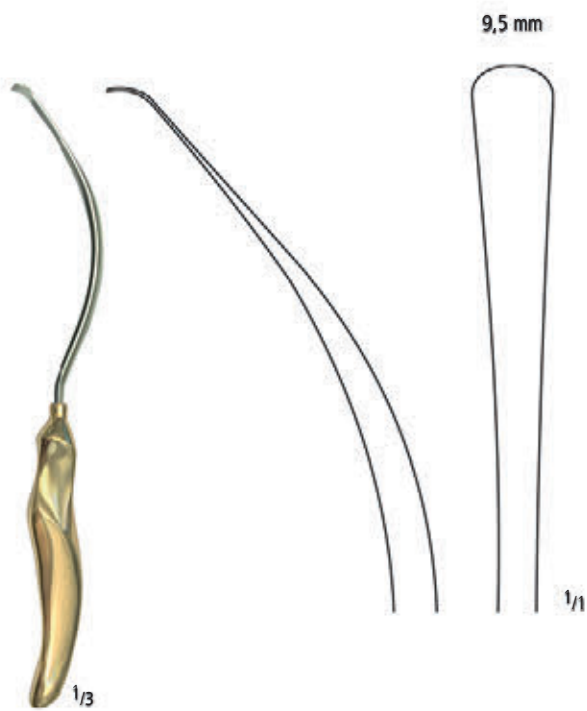
**KA 709/01**  
 23,0 cm/9 1/8"



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



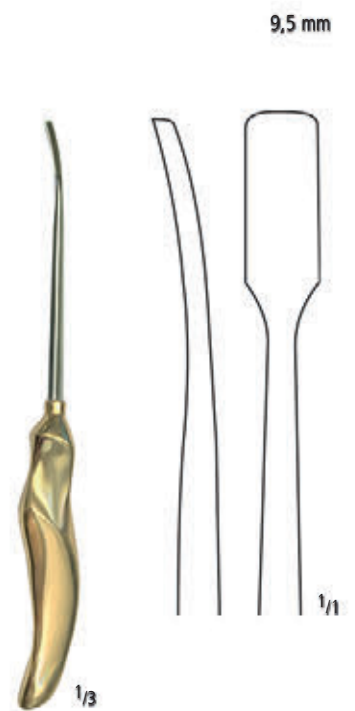
**KA 709/03**  
 26,0 cm/10 1/4"



**KA 709/04**  
 25,3 cm/10"



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

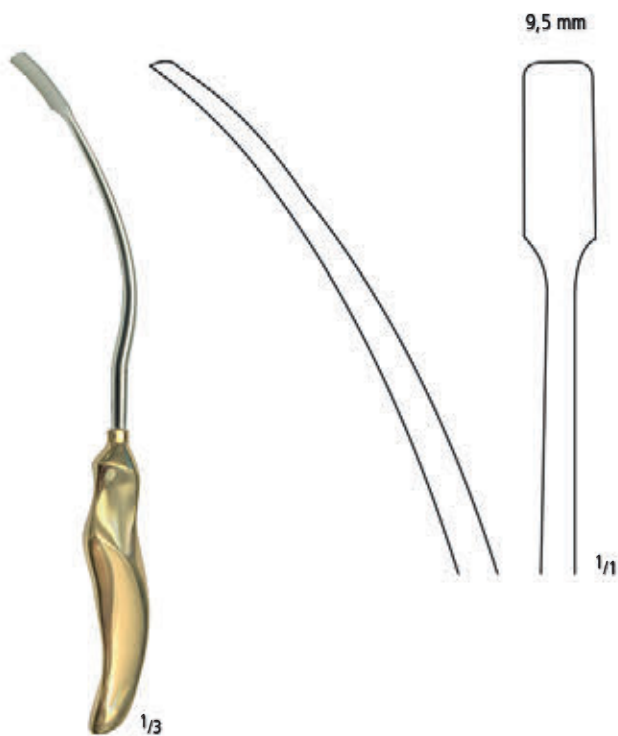


**KA 709/06**  
 24,0 cm/9 1/2"

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



**KA 709/07**  
 24,0 cm/9 1/2"



**KA 709/12**  
 28,0 cm/11"



**KA 709/30**  
 22,0 cm/8 3/4"



**KA 709/31**  
 25,0cm/9 3/4"

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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/9 1/4"



**KA 709/33**  
 24,0 cm/9 1/2"



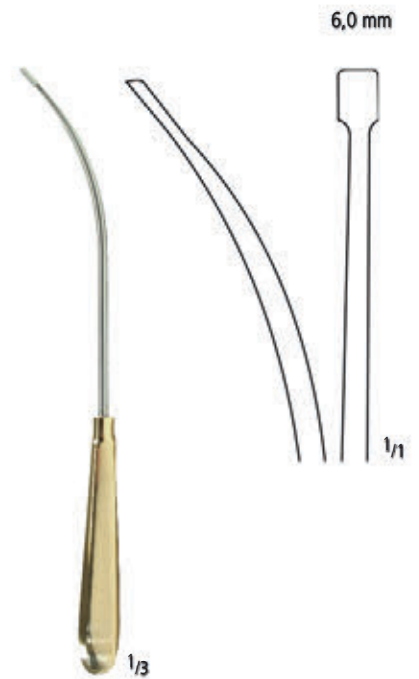
**KA 709/34**  
 23,5 cm/9 1/4"



**KA 709/35**  
 23,5 cm/9 1/4"



**KA 709/36**  
 23,5 cm/9 1/4"



**KA 709/37**  
 23,5 cm/9 1/4"



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



**KA 709/38**  
 21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**KA 709/39**  
 23,5 cm/9<sup>1</sup>/<sub>4</sub>"



**KA 709/40**  
 23,5 cm/9<sup>1</sup>/<sub>4</sub>"



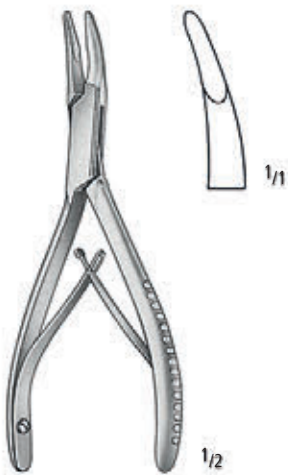
**KA 710/01**  
 23,5 cm/9<sup>1</sup>/<sub>4</sub>"



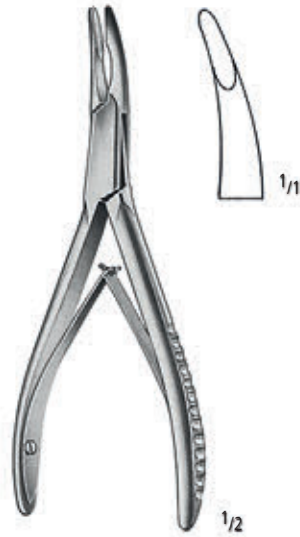
**KA 710/02**  
 23,5 cm/9<sup>1</sup>/<sub>4</sub>"

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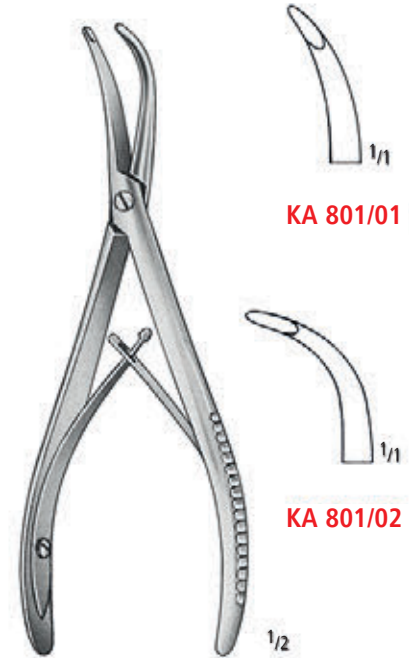
Hohlmeisselzangen  
 Bone Rongeurs  
 Pinzas-gubias  
 Pincès-gouges  
 Pinze-sgorbie



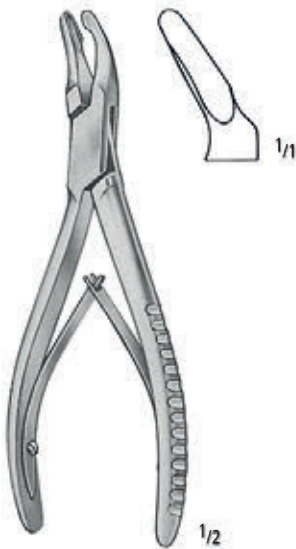
**MINI-FRIEDMAN**  
**KA 800/12**  
 12,0 cm/5"



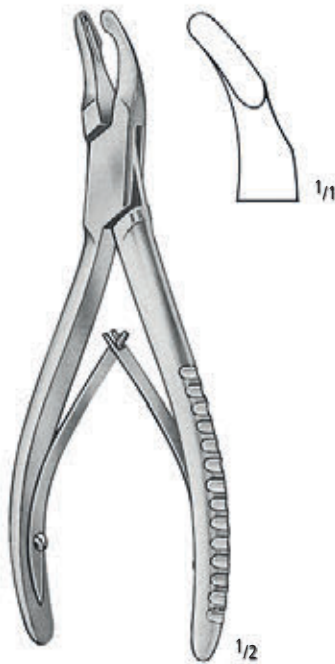
**FRIEDMAN**  
**KA 800/14**  
 14,0 cm/5 1/2"



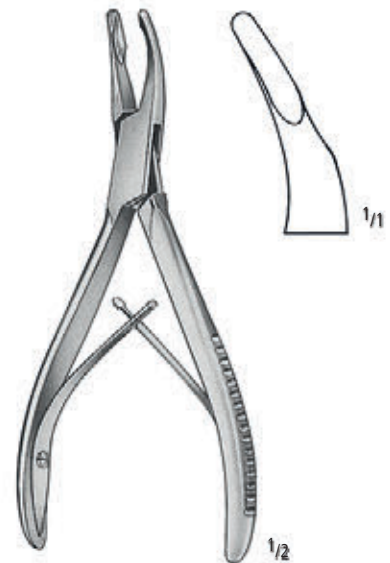
**STELLBRINK**  
 17,0 cm/6 3/4"



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

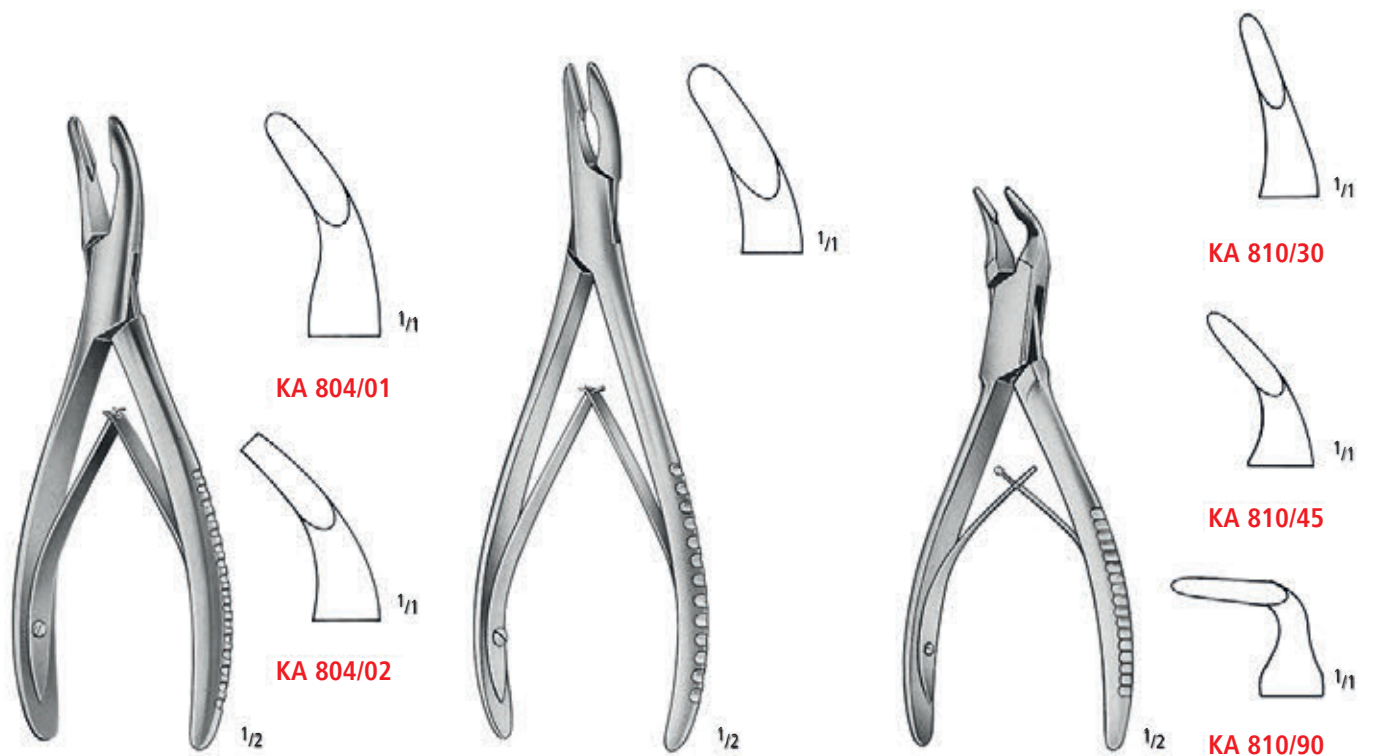


**CLEVELAND**  
**KA 802/17**  
 17,0 cm/6 3/4"



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

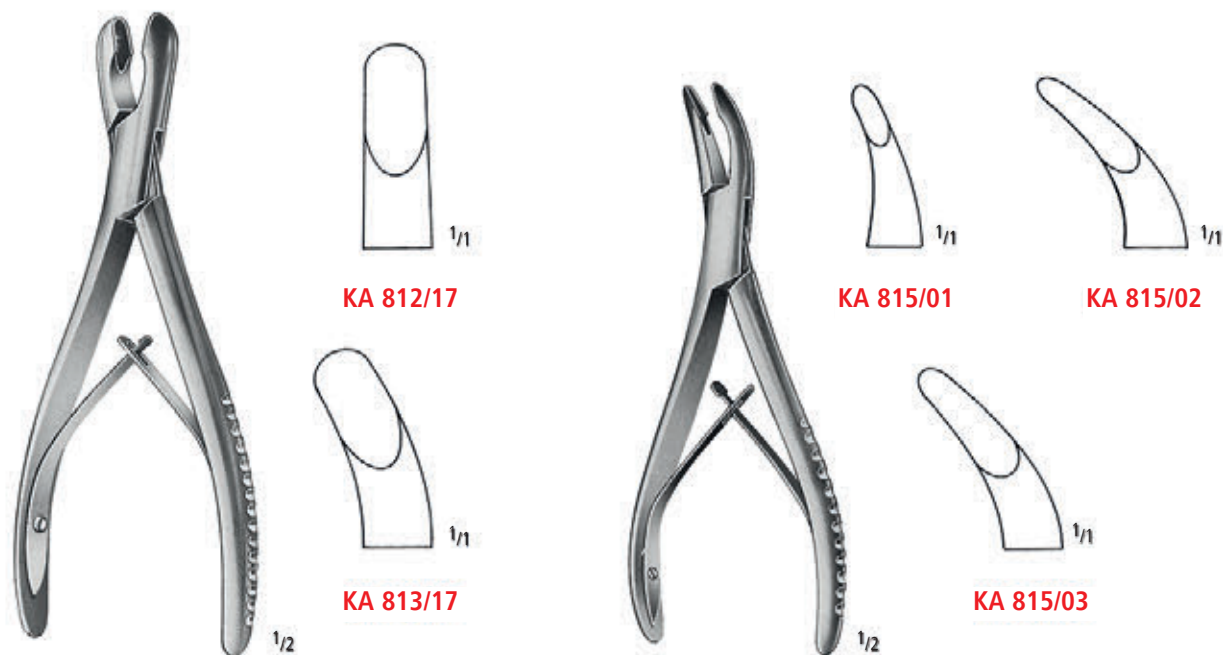
Hohlmeisselzangen  
 Bone Rongeurs  
 Pinzas-gubias  
 Pincès-gouges  
 Pinze-sgorbie



**MEAD**  
 16,5 cm/6½"

**HARTMANN**  
**KA 807/18**  
 18,5 cm/7¼"

**BLUMENTHAL**  
 15,5 cm/6"



**LUER**  
 17,0 cm/6¾"

**LUER**  
 15,0 cm/6"

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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"

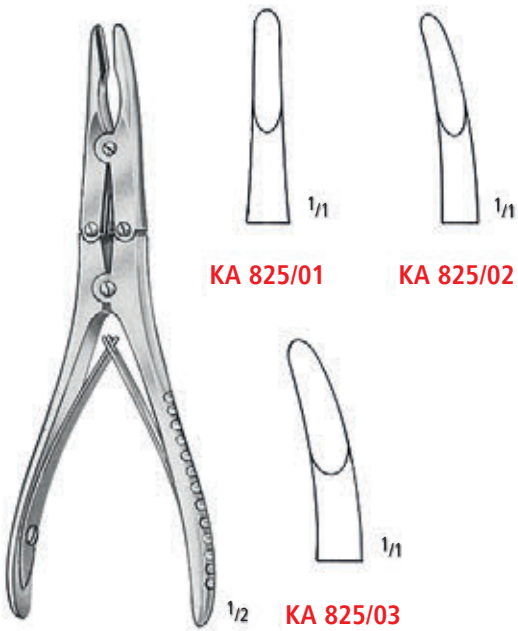


**MARQUARDT**  
**KA 821/20**  
 20,0 cm/8"



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

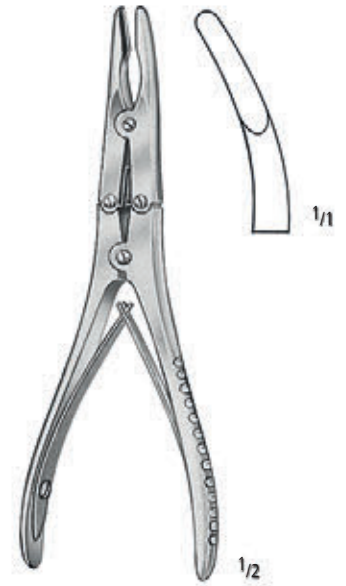
Hohlmeisselzangen  
 Bone Rongeurs  
 Pinzas-gubias  
 Pincis-gouges  
 Pinze-sgorbie



**BÖHLER**  
 15,0 cm/6"



**KLEINERT-KUTZ**  
 15,0 cm/6"



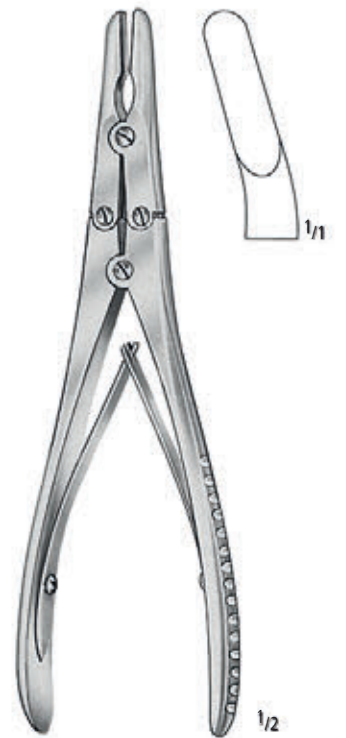
**RUSKIN-MINI**  
 KA 829/15  
 15,0 cm/6"



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



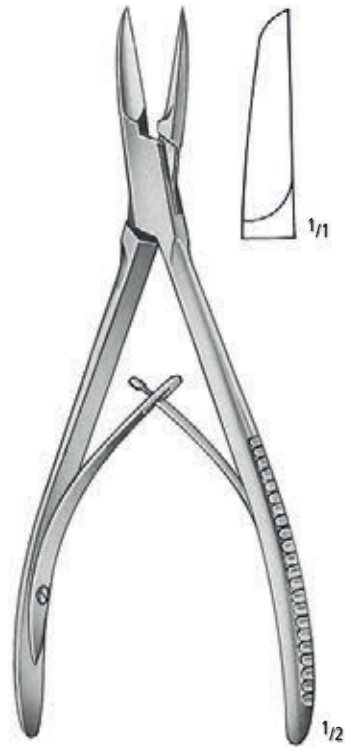
**ZAUFAL-JANSEN**  
 KA 835/18  
 18,0 cm/7"



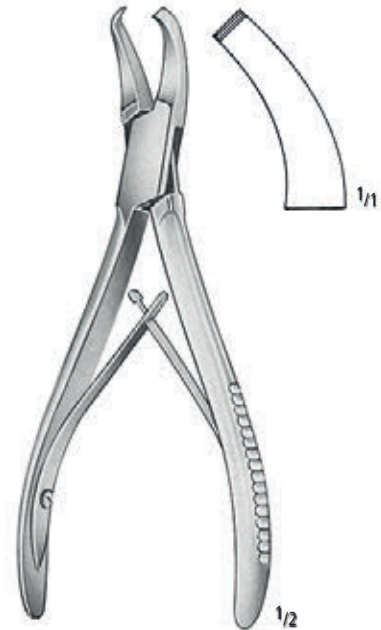
**RUSKIN**  
 KA 836/18  
 18,0 cm/7"

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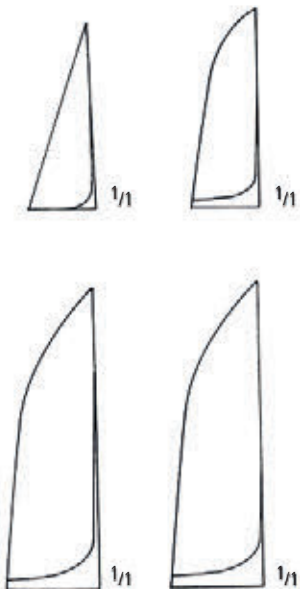
Knochensplitterzangen  
 Bone Cutting Forceps  
 Pinzas cortantes para huesos  
 Pinces coupantes à os  
 Cesioie per ossa



**COTTLE KAZANJIAN**  
**KA 870/19**  
 19,0 cm/7<sup>1</sup>/<sub>2</sub>"



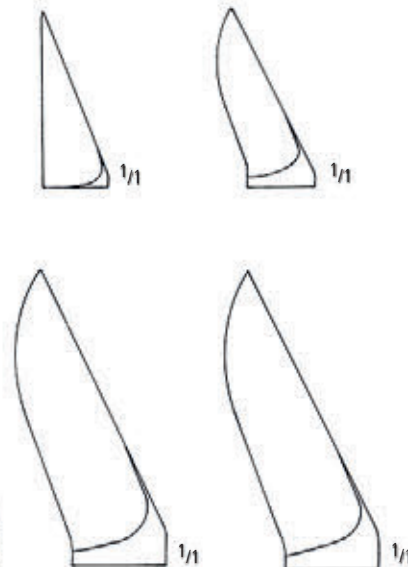
**CLEVELAND-GARDNER**  
**KA 872/16**  
 18,0 cm/6<sup>1</sup>/<sub>4</sub>"



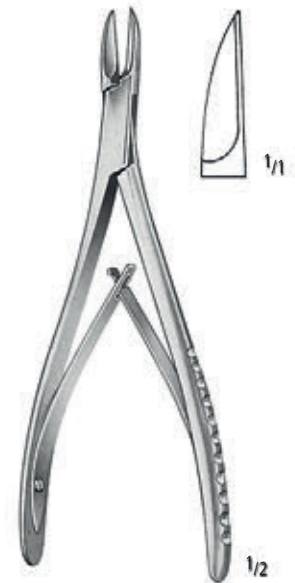
**KA 880/14**  
**KA 880/17**  
**KA 880/19**  
**KA 880/22**



**LISTON**  
 14,0 cm/5<sup>1</sup>/<sub>2</sub>"  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"  
 19,0 cm/7<sup>1</sup>/<sub>2</sub>"  
 22,0 cm/8<sup>3</sup>/<sub>4</sub>"



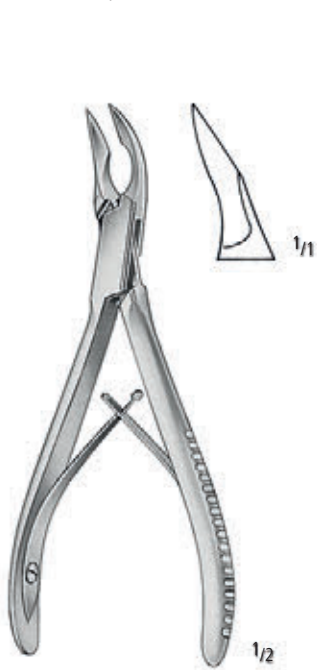
**KA 881/14**  
**KA 881/17**  
**KA 881/19**  
**KA 881/22**



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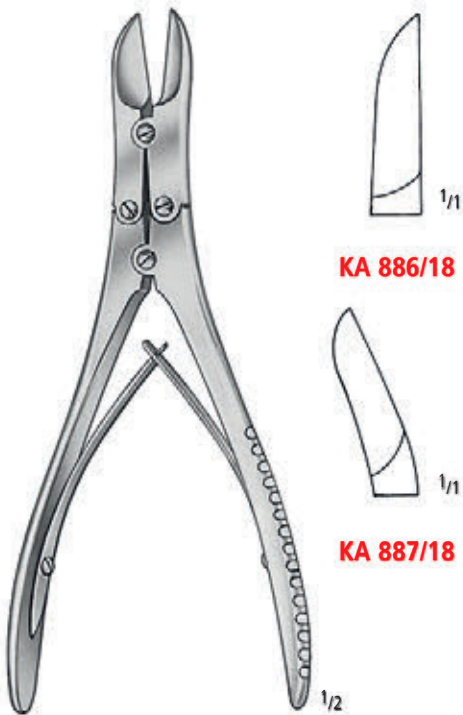
**CLEVELAND**  
**KA 884/15**  
 15,0 cm/6"



**CLEVELAND**  
**KA 884/17**  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"



**KA 885/12**  
 12,0 cm/4<sup>3</sup>/<sub>4</sub>"



**KA 886/18**

**KA 887/18**

**RUSKIN-LISTON**  
 18,5 cm/7<sup>1</sup>/<sub>4</sub>"



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

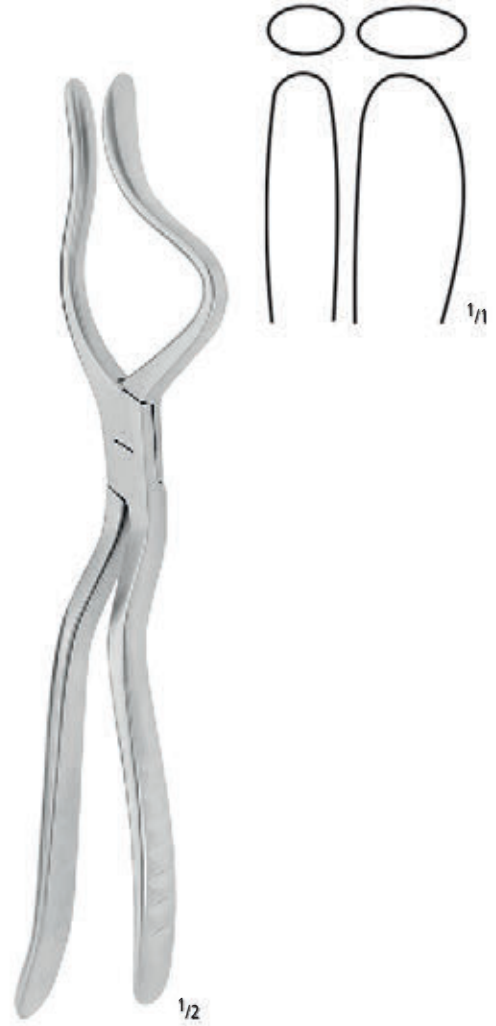


**WALTON-LISTON**  
**KA 889/01**  
 15,0 cm/6"

Repositionszangen  
 Reposition Forceps  
 Pinzas de reposicion  
 Pincas de reposition  
 Pinze per reposizione



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



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



HNO  
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ORL

KL

nopa<sup>®</sup> instruments

Mund	Seite	229-241
Mouth	Page	229-241
Boca	Página	229-241
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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"

Mundsperrer  
Mouth Gags  
Abre-bocas  
Ouvre-bouches  
Apribocca



**DENHART**  
**KL 042/12**  
12,0 cm/4<sup>3</sup>/<sub>4</sub>"



**ROSER-KÖNIG**  
16,0 cm/6<sup>1</sup>/<sub>4</sub>" **KL 044/16**  
19,0 cm/7<sup>1</sup>/<sub>2</sub>" **KL 044/19**

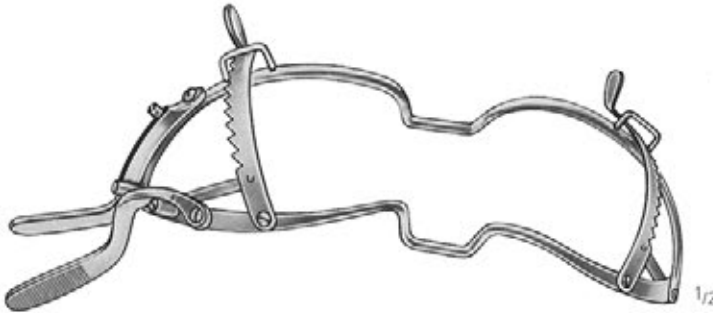


**JENNINGS**  
**KL 046/09** 9,0 cm/3<sup>1</sup>/<sub>2</sub>"  
**KL 046/11** 11,0 cm/4<sup>1</sup>/<sub>3</sub>"  
**KL 046/13** 13,0 cm/5"  
**KL 046/15** 15,0 cm/6"

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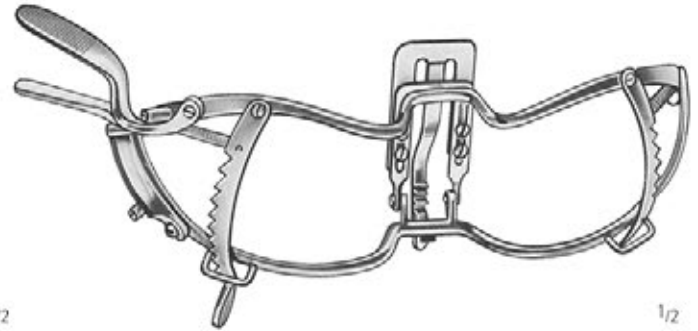
**KL** MUND MOUTH BOCA BOUCHE BOCCA

Mundsperrer  
 Mouth Gags  
 Abre-bocas  
 Ouvre-bouches  
 Apribocca

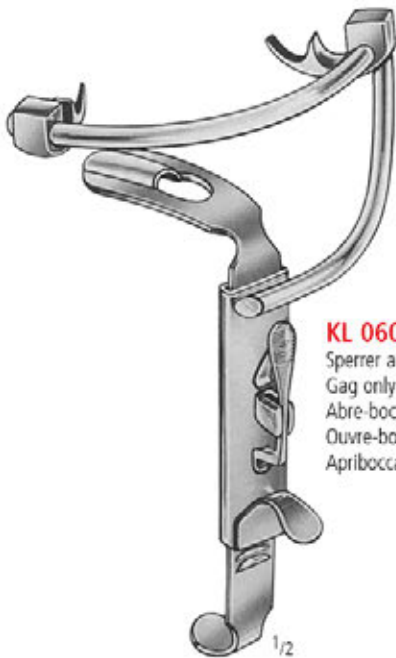


**WHITEHEAD**  
 KL 048/11  
 KL 048/13  
 KL 048/15

11,0 cm/4 1/8"  
 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

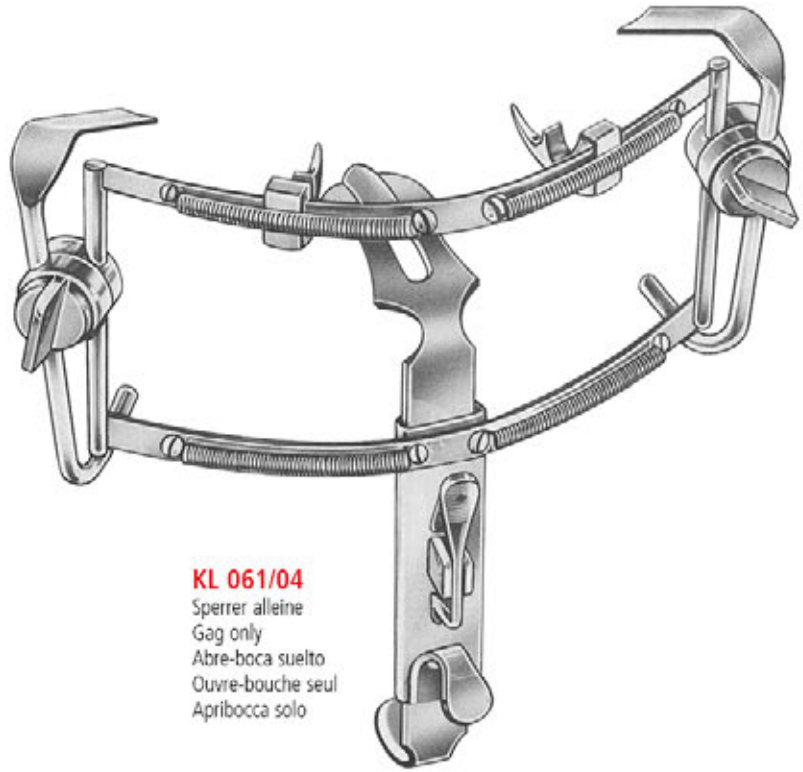
Mundsperrer  
Mouth Gags  
Abre-bocas  
Ouvre-bouches  
Apribocca



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



**KL 064/08**  
Silikon  
Silicon  
Silicona  
Silicone  
Silicone

**DAVIS-BOYLE**  
**KL 064/00**  
komplett  
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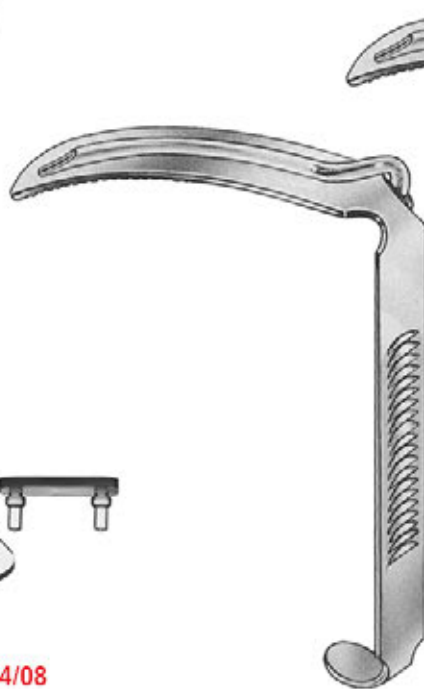


Fig. 1  
**KL 064/01**  
105x27 mm



Fig. 2  
**KL 064/02**  
90x25 mm



Fig. 3  
**KL 064/03**  
75x25 mm



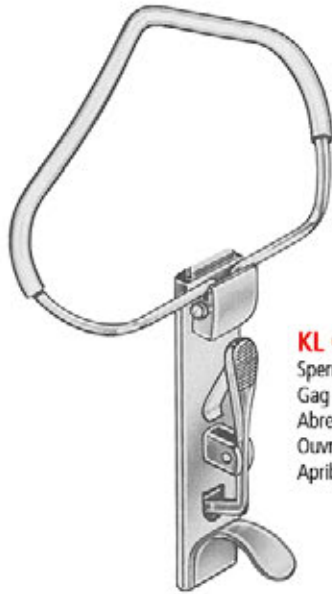
Fig. 4  
**KL 064/04**  
60x22 mm



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  
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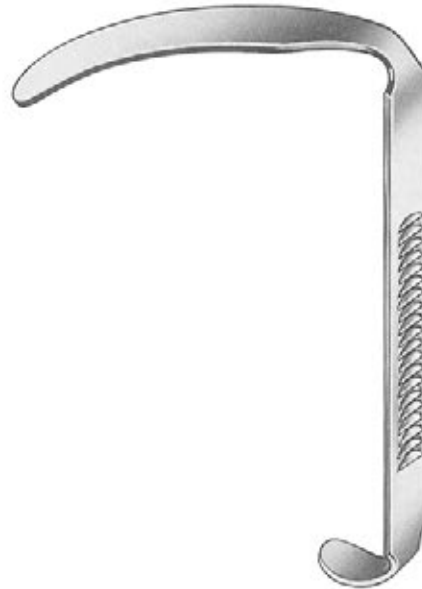


Fig. 1  
**KL 066/01**  
95x27 mm



Fig. 2  
**KL 066/02**  
85x22 mm



Fig. 3  
**KL 066/03**  
70x22 mm



links  
left  
à gauche  
a sinistra  
a la izquierda



rechts  
right  
à droite  
a destra  
a la derecha

**RING**

Fig.		
2	<b>KL 067/02</b>	65x24 mm
3	<b>KL 067/03</b>	72x27 mm
4	<b>KL 067/04</b>	87x34 mm
5	<b>KL 067/05</b>	95x37 mm

<b>KL 067/12</b>	
<b>KL 067/13</b>	
<b>KL 067/14</b>	
<b>KL 067/15</b>	



**MODELL WÜRZBURG**

Fig.		
1	66x28 mm	<b>KL 068/01</b>
2	75x32 mm	<b>KL 068/02</b>
3	83x34 mm	<b>KL 068/03</b>
4	93x37 mm	<b>KL 068/04</b>
5	100x38 mm	<b>KL 068/05</b>

MUND MOUTH BOCA BOUCHE BOCCA

Mundsperrer  
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	<b>KL 069/11</b>
2	75 mm	<b>KL 069/12</b>
3	80 mm	<b>KL 069/13</b>
4	85 mm	<b>KL 069/14</b>



**HERBERHOLD**

Fig		
1	63x28 mm	<b>KL 070/01</b>
2	73x33 mm	<b>KL 070/02</b>
3	82x37 mm	<b>KL 070/03</b>
4	90x42 mm	<b>KL 070/04</b>

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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 Soporte 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  
 Baïllons  
 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**



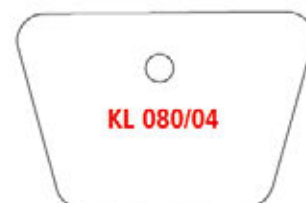
**KL 080/00**



**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/4<sup>1</sup>/<sub>3</sub>"



**LACK**  
**KL 103/13** = 13,0 cm/5"  
**KL 103/19** = 19,0 cm/7<sup>1</sup>/<sub>2</sub>"  
**KL 103/22** = 22,0 cm/8<sup>3</sup>/<sub>4</sub>"



**STERNBERG**  
**KL 105/12** = 12,0 cm/4<sup>3</sup>/<sub>4</sub>"  
**KL 105/14** = 14,0 cm/5<sup>1</sup>/<sub>2</sub>"  
**KL 105/16** = 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**TOBOLD**  
**KL 112/14**  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"



**HARTMANN**  
**KL 114/15**  
 15,0 cm/6"



**MORITZ-SCHMIDT**  
**KL 116/19**  
 19,0 cm/7<sup>1</sup>/<sub>2</sub>"



**WIEDER**  
 14,5 cm/5<sup>3</sup>/<sub>4</sub>"



**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/6<sup>1</sup>/<sub>2</sub>"



**KL 134/22**  
 22,0 cm/8<sup>3</sup>/<sub>4</sub>"  
 16,0 mm



**KL 135/01**  
 21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**KL 135/02**  
 21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**KL 136/25**  
 25,0 cm/10"  
 12,5/27,0 mm



**COLLIN**  
**KL 140/16**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**YOUNG**  
**KL 144/17**  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"



**KL 144/99**  
 Paar  
 pair  
 par  
 palré  
 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**

L  
**KL 153/07** = 7,0 cm/2<sup>3</sup>/<sub>4</sub>"  
**KL 153/09** = 9,0 cm/3<sup>1</sup>/<sub>2</sub>"  
**KL 153/10** = 10,0 cm/4"



**LABORDE**  
**KL 155/14**  
 14,0 cm/5<sup>1</sup>/<sub>2</sub>"



**TROUSSEAU**  
**KL 157/14**  
 14,0 cm/5<sup>1</sup>/<sub>2</sub>"



**WEERDA**  
**KL 158/19**  
 19,0 cm/ 7<sup>1</sup>/<sub>2</sub>"



**BOSE**  
**KL 159/07**  
 7,0 cm/2<sup>3</sup>/<sub>4</sub>"

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Tracheal-Häkchen  
 Trachea Retractors  
 Separadores para la tráquea  
 Ecarteurs pour trachéotomie  
 Uncini tracheali



links  
 left  
 izquierdo  
 à gauche  
 sinistro

1/2

**BOSE**  
**KL 166/01**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



rechts  
 right  
 derecho  
 à droite  
 destro

1/2

**BOSE**  
**KL 166/02**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



1/1

**KL 167/01**

1/1

**KL 167/02**

1/2

**ITERSON**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



1/2

**SCHOENBORN**  
**KL 176/21**  
 21,0 cm/8<sup>1</sup>/<sub>4</sub>"



1/2

**LUKENS**  
**KL 177/17**  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"

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**  
18,0 cm/7"



**JACKSON**  
**KL 179/17**  
17,0 cm/6<sup>3</sup>/<sub>4</sub>"



**ROSE**  
**KL 180/13**  
13,0 cm/5"



**LUER**  
**KL 181/11**  
11,0 cm/4<sup>1</sup>/<sub>3</sub>"



**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**

AA  
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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	LUER	CHEVALIER-JACKSON	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  
Always Set  
**KL 215/00**



TRACHEOTOMIE TRACHEOTOMY TRAQUEOTOMIA TRACHEOTOMIE TRACHEOTOMIA

Tracheotomie-Besteck  
Tracheotomy Set  
Estuche para traqueotomía  
Jeu d'instruments pour trachéotomie  
Set per traqueotomia



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 emostatiche Pean, 13,0 cm
- AL 015/13** 1 Sonda scanalata, 13,0 cm
- KL 159/07** 1 Dilatatore tracheale Bose
- KL 167/02** 2 Uncini tracheali Iterson, smussi
- KL 166/01** 1 Uncino tracheale Bose, acuto, sinistro
- KL 166/02** 1 Uncino tracheale Bose, acuto, destro
- KL 200/07** 1 Luer Cannula tracheale Standard, fig. 2
- KL 200/08** 1 Luer Cannula tracheale 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, mouses
- 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

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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/6<sup>1</sup>/<sub>4</sub>"  
 18,0 cm/7"

**KL 240/15**  
**KL 240/16**



**KL 241/15**  
**KL 241/16**



**KL 242/18**



**LAHEY**

**KL 244/15**  
 15,0 cm/6"



**KL 244/20**  
 20,0 cm/8"



**MASTIN**  
**KL 245/17**  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"

TONSILLEN TONSILS AMIGDALAS AMYGDALES TONSILLE

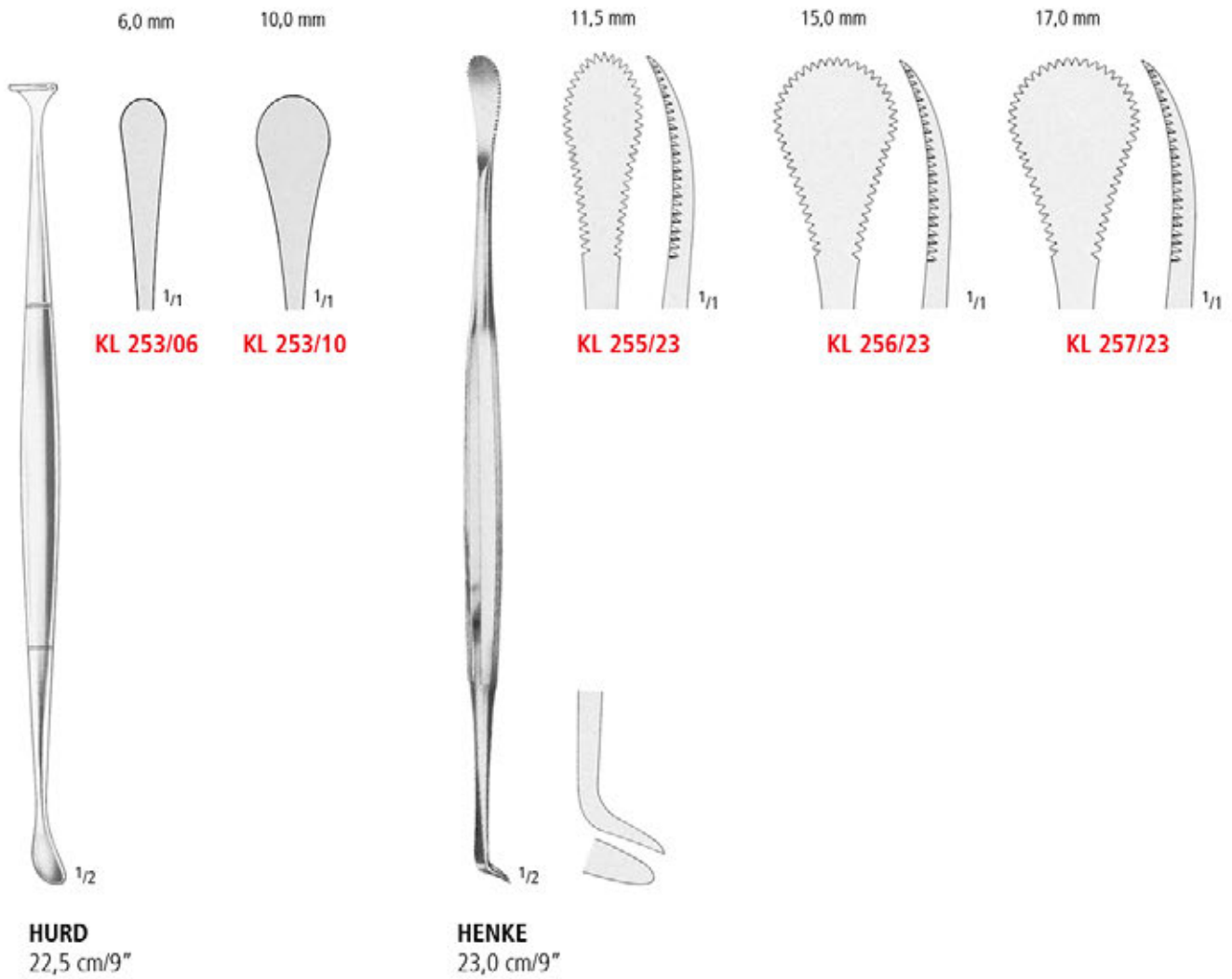
Tonsillennmesser  
Tonsil Knives  
Bisturíes para amígdalas  
Bistouris pour amygdales  
Bisturi per tonsille



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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



**WÜRZBURG**  
**KL 259/21**  
21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**MOLLISON**  
**KL 260/21**  
21,0 cm/ 8<sup>1</sup>/<sub>4</sub>"

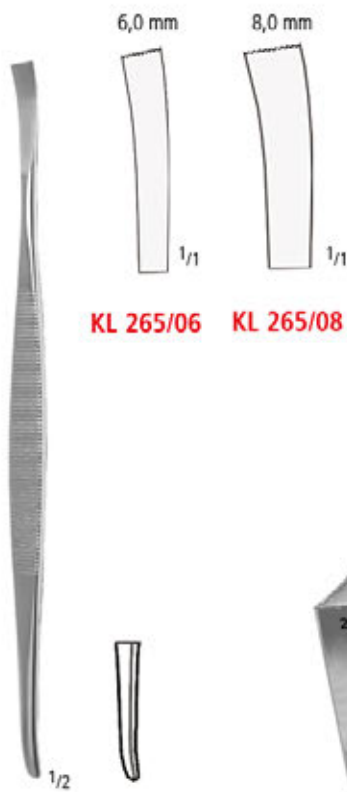


**LUNIATSCHECK**  
**KL 262/19**  
19,0 cm/7<sup>1</sup>/<sub>2</sub>"



**LOPEZ-REINKE**  
**KL 264/23**  
23,5 cm/9<sup>1</sup>/<sub>3</sub>"

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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<sup>1</sup>/<sub>2</sub>"



**NAGER**  
**KL 269/23**  
 23,0 cm/9"



**DUPUY WEISS**  
**KL 274/01**  
 22,0 cm/8<sup>3</sup>/<sub>4</sub>"



**DUPUY WEISS**  
**KL 274/02**  
 22,0 cm/8<sup>3</sup>/<sub>4</sub>"

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**KL** TONSILLEN TONSILS AMIGDALAS AMYGDALES TONSILLE

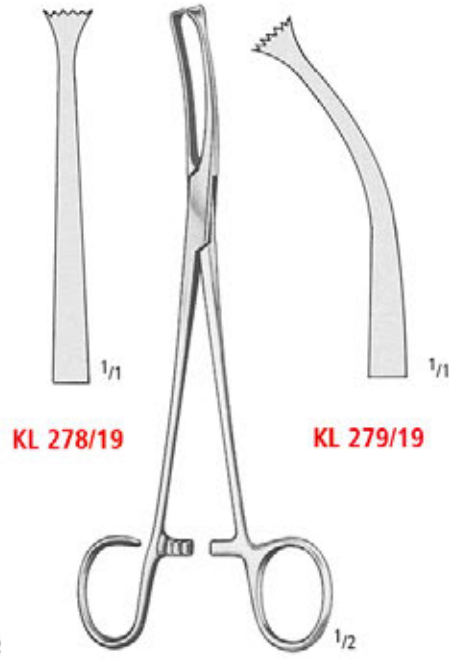
Tonsillenzangen  
Tonsil Forceps  
Pinzas para las amígdalas  
Pincès pour amygdales  
Pinze per tonsille



**WHITE**  
**KL 276/18** 18,0 cm/7"  
**KL 276/23** 23,0 cm/9"



**BALLENGER 3:3**  
**KL 277/21** 21,5 cm/8½"

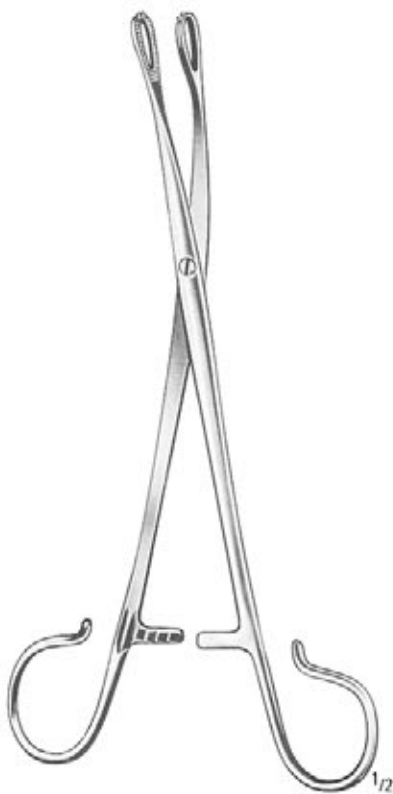


**KL 278/19** **KL 279/19**

**COLVER**  
19,0 cm/7½"



**MUSEUX**  
**KL 280/20** 20,0 cm/8"



**BLOHMKE**  
**KL 281/20** 20,0 cm/8"



**TIVNEN**  
**KL 283/21** 21,0 cm/8¼"



**TYDING**  
**KL 284/21** 21,0 cm/8¼"



**MARSCHIK-KRONE 3:3**  
**KL 285/21** 20,5 cm/8⅛"

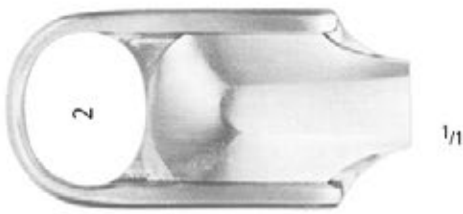


TONSILLEN TONSILS AMIGDALAS AMYGDALES TONSILLE

Tonsillotom, Tonsillikanülen  
 Tonsillectome, Tonsil Cannula  
 Amigdalótomo, Canula para las amígdalas  
 Amygdalotome, Canule pour amygdales  
 Tonsillotomo, Cannula per tonsille



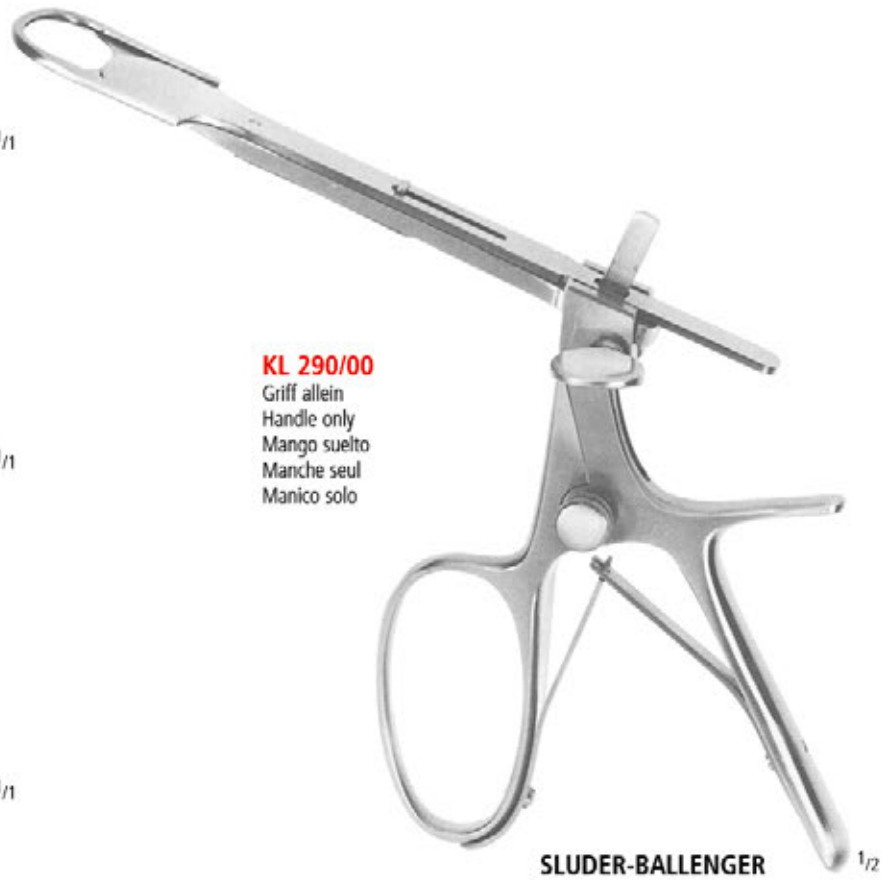
**KL 291/01**



**KL 291/02**



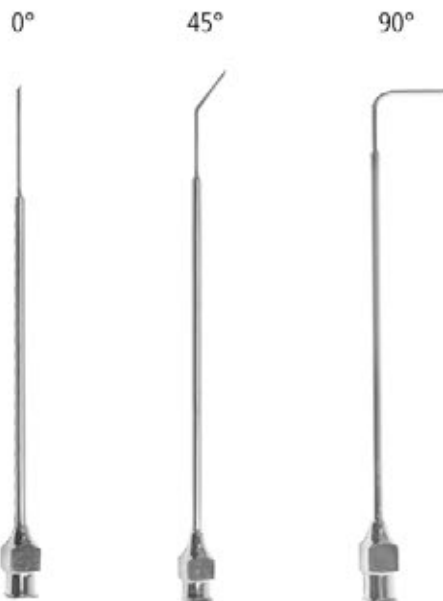
**KL 291/03**



**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 aspiracion, Jeringas ver seccion 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 AMYGDALAS TONSILLE

Tonsillenschnürer  
Tonsil Snares  
Cierra-nudos para amígdalas  
Serre-nœuds pour l'ablation des amygdales  
Serranodi per tonsille



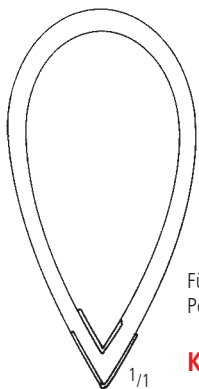
**EVES**  
**KL 300/28**  
28,0 cm/11"



**EVES**  
**KL 302/28**  
28,0 cm/11"



**BRUENINGS**  
**KL 306/28**  
28,0 cm/11"



Für - For - Para -  
Pour - Per

**KL 306/28**

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

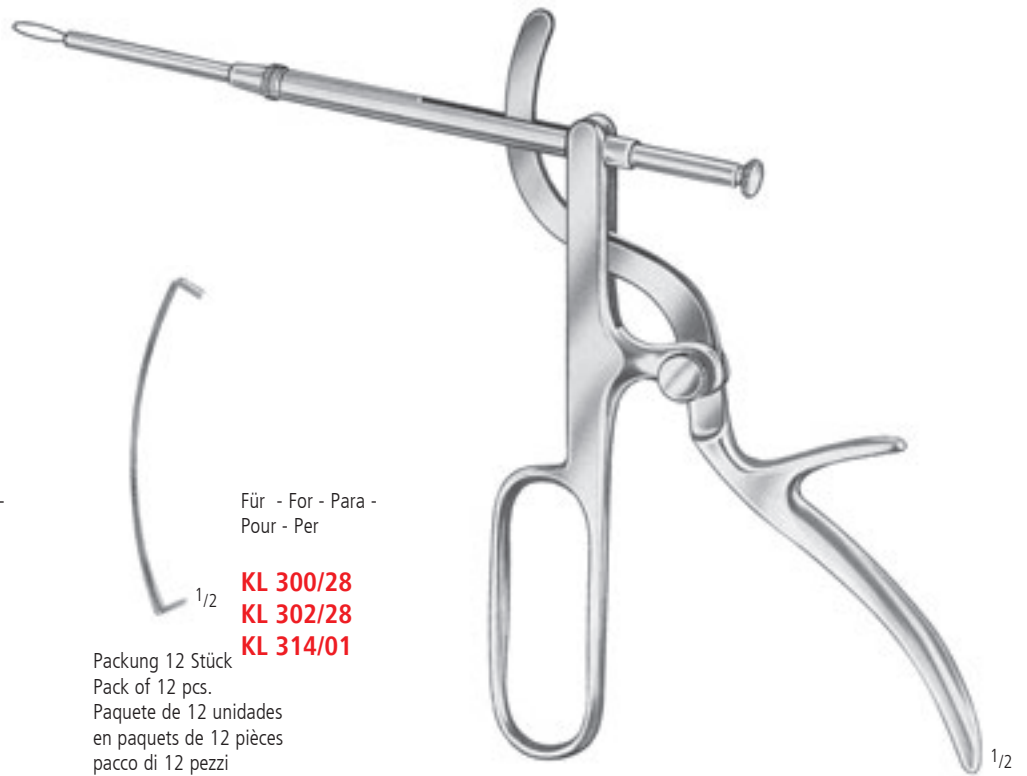


Für - For - Para -  
Pour - Per

**KL 300/28**  
**KL 302/28**  
**KL 314/01**

Packung 12 Stück  
Pack of 12 pcs.  
Paquete de 12 unidades  
en paquets de 12 pièces  
pacco di 12 pezzi

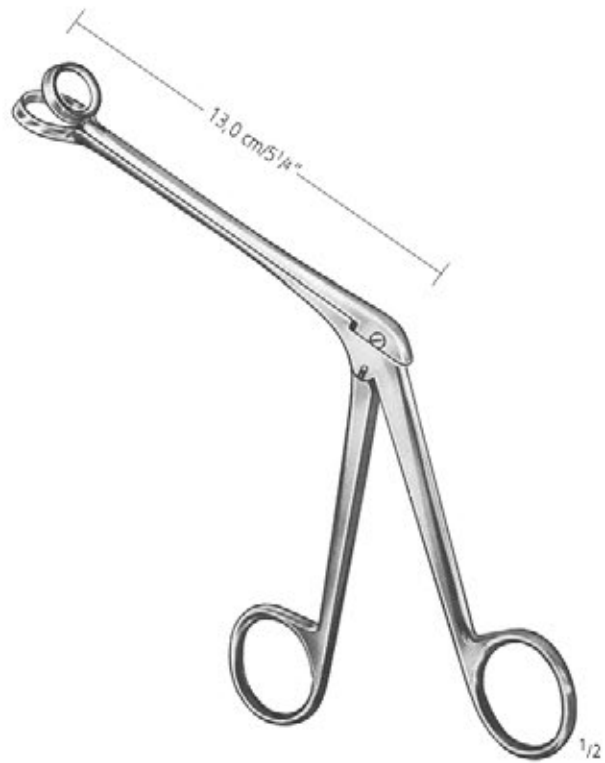
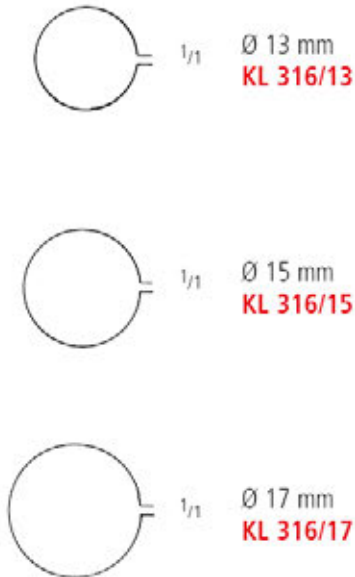
**KL 311/03** = 0,3 mm



**TYDING**  
**KL 314/01**

TONSILLEN TONSILS AMIGDALAS AMYGALES TONSILLE

Scharfe Tonsillenzangen  
Tonsil Punches  
Pinzas cortantes para amígdalas  
Pincas 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**

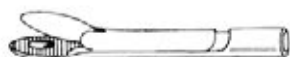
**BRUENINGS**  
 20,0 cm/8"

**KL 366/20**

starr  
 rigid  
 rigida  
 rigide  
 rigida

biegsam  
 malleable  
 flexible  
 flexible  
 flessibile

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**

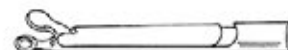
**KL 404/00**



**SCHEINMANN**



**KL 405/00**



**BRUENINGS**



**KL 406/02**



**KL 406/03**



**KL 406/04**



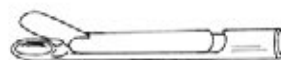
**BRUENINGS**



**KL 407/00**

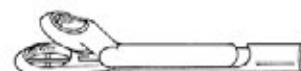


**KL 407/01**



**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**

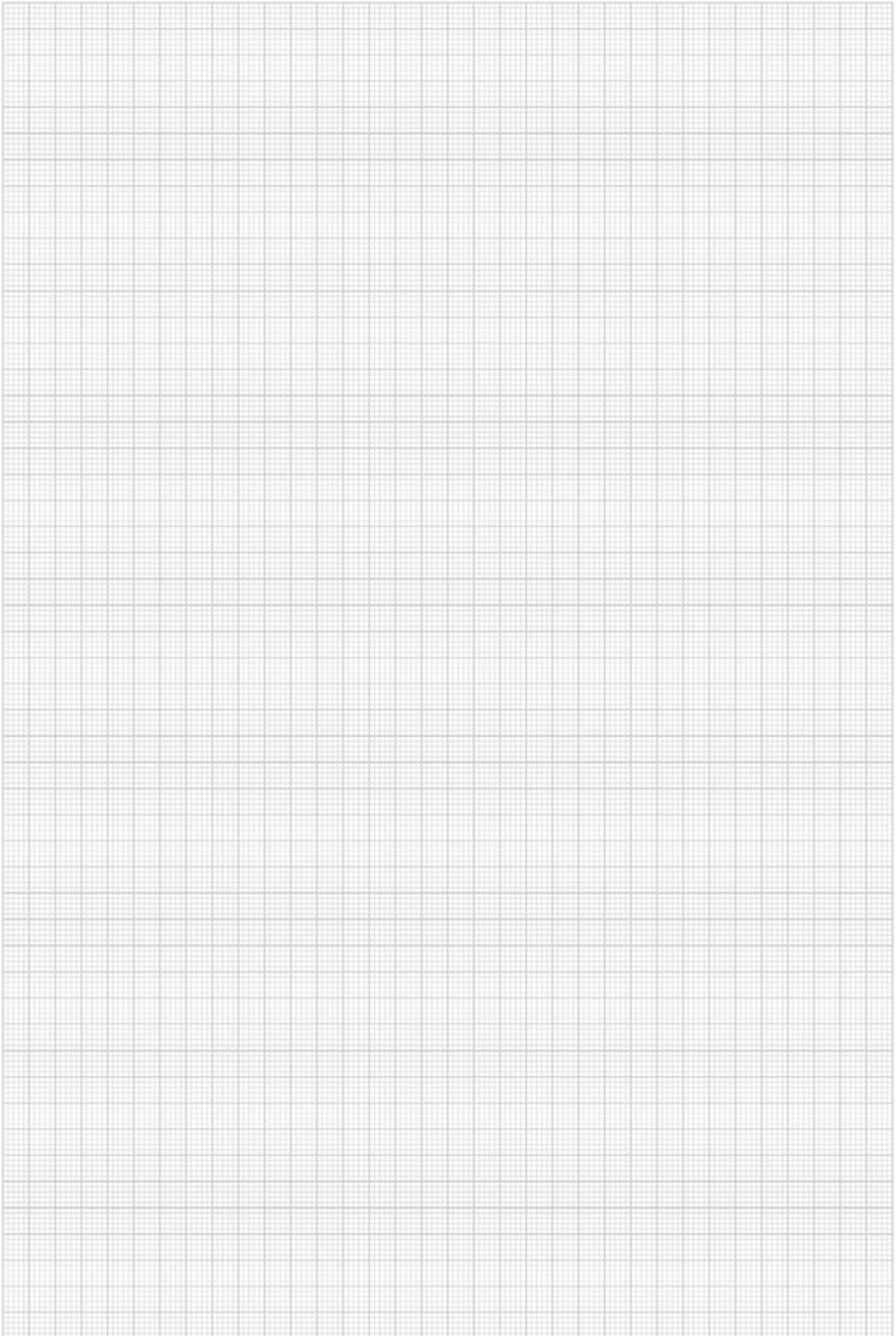


**KL 413/01**

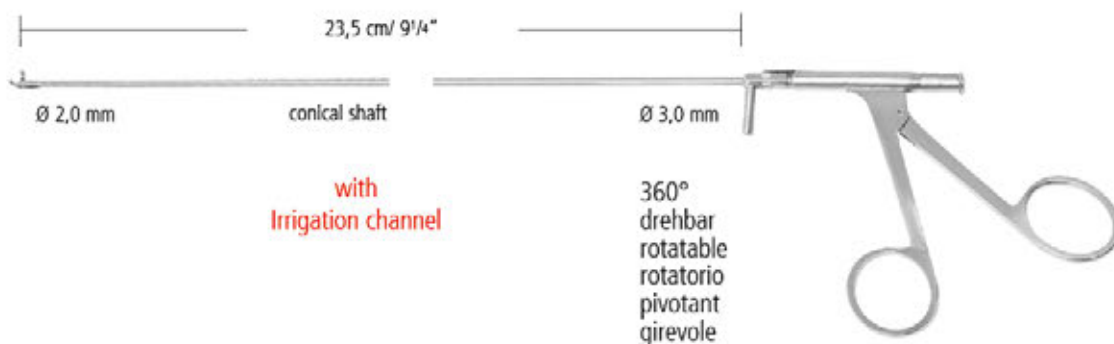


**KL 413/02**

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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

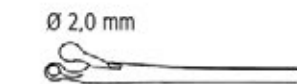
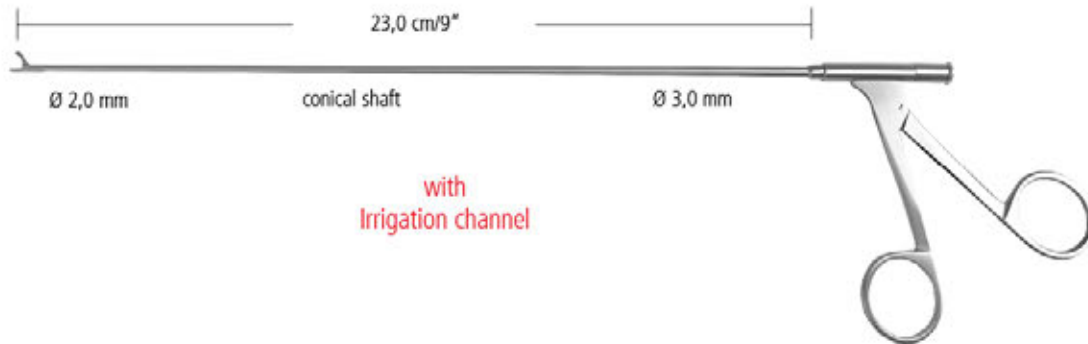


**KL 435/70**

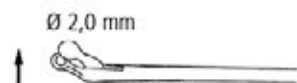
aufgebogen - curved up - curvo hacia arriba - courbe vers le haut - curva in alto

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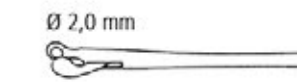
Endolaryngeale Mikrochirurgie  
 Endolaryngeal Micro-Surgery  
 Microcirugia Endolaríngea  
 Endolaryngeal micro-chirurgie  
 Microchirurgia Endolaríngea



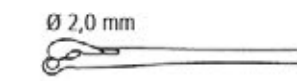
**KL 438/00**  
 gerade - straight - rectas - droits - rette



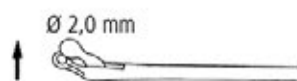
**KL 438/01**  
 aufgebogen - curved up - curvo arriba - courbe vers le haut - curva in alto



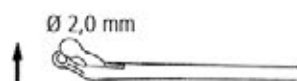
**KL 438/02**  
 rechts - right - a la derecha - à droite - a destra



**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



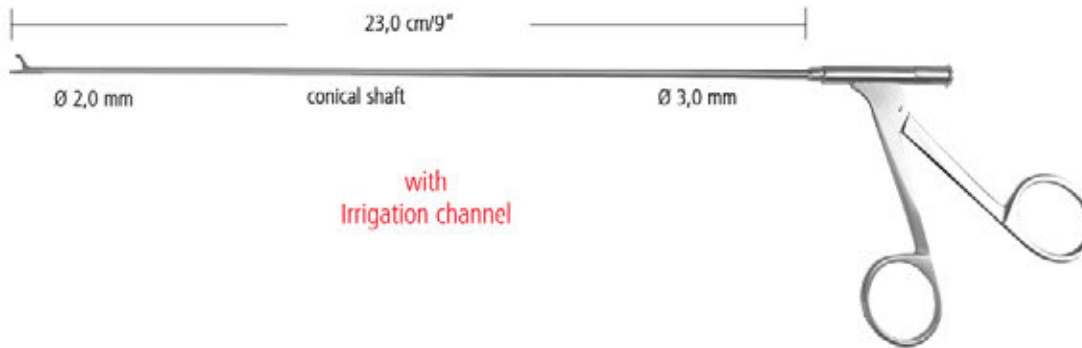
**KL 438/42**  
 rechts - right - a la derecha - à droite - a destra



**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 rette



**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

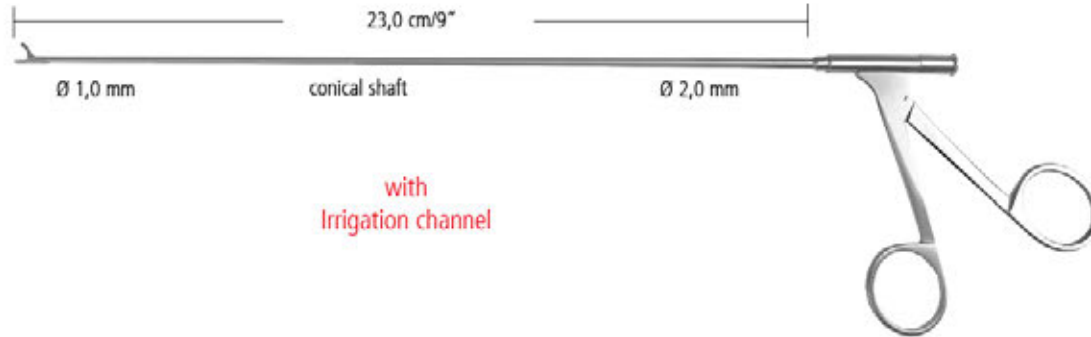


**KL 438/83**

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

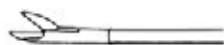
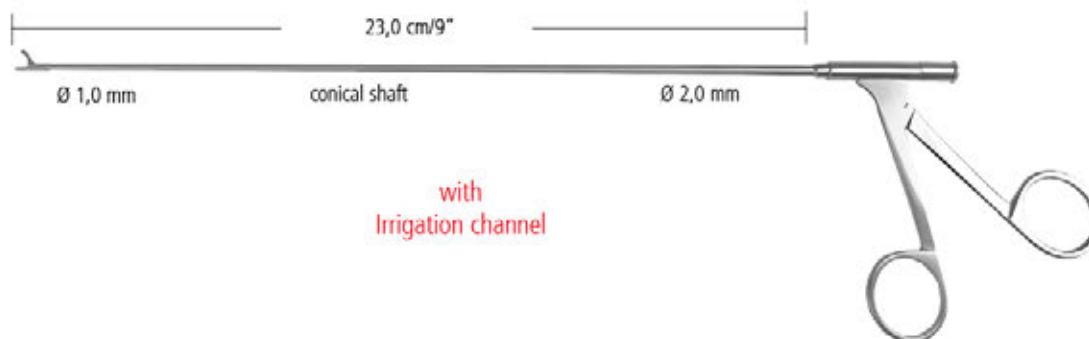


**KL 439/48**  
 Herzform aufgebogen 45° rechts - heart shape curved up 45° right - cordiforme curvo arriba 45° a derecha -  
 forme de coeur courbe vers le haut 45° à droite - cuoriforme curvo in alto 45° a destra

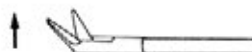


**KL 439/49**  
 Herzform aufgebogen 45° links - heart shape curved up 45° left - cordiforme curvo arriba 45° a la izquierda -  
 forme de coeur courbe vers le haut 45° à gauche - cuoriforme curvo in alto 45° a sinistra

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

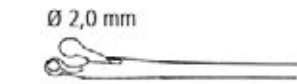
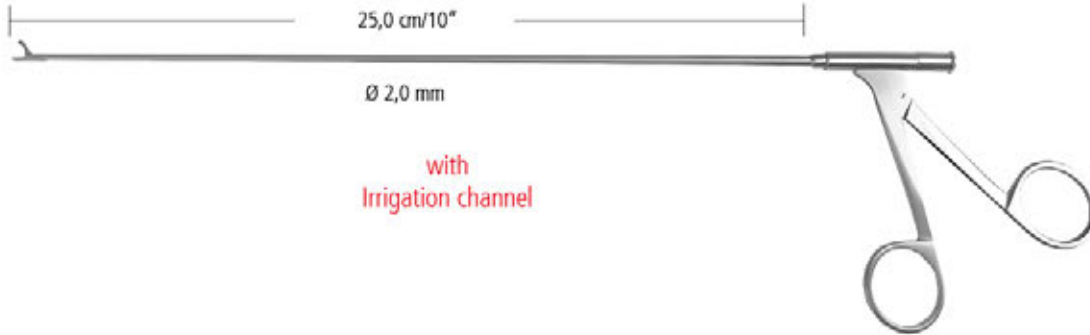


**KL 439/83**  
 links - left - a la izquierda - à gauche - a sinistra

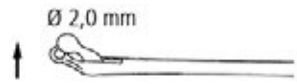
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**KL**

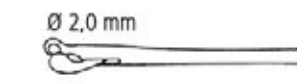
Endolaryngeale Mikrochirurgie  
 Endolaryngeal Micro-Surgery  
 Microcirugía Endolaríngea  
 Endolaryngeal micro-chirurgie  
 Microchirurgia Endolaríngea



**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



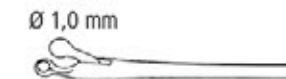
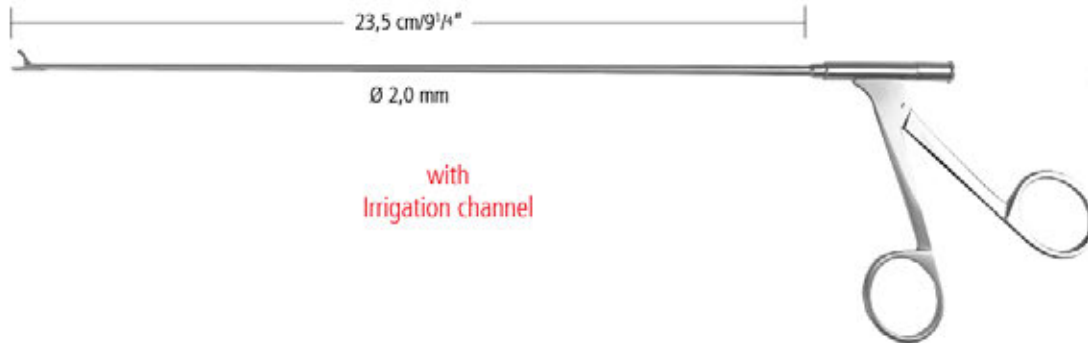
**KL 443/02**  
 rechts - right - a la derecha - à droite - a destra



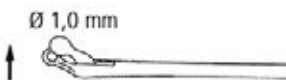
**KL 443/04**  
 links - left - a la izquierda - à gauche - a sinistra

Endolaryngeale Mikrochirurgie  
Endolaryngeal Micro-Surgery  
Microcirugía Endolaríngea  
Endolaryngeal micro-chirurgie  
Microchirurgia Endolaríngea

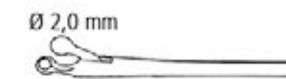
Kinder  
Children  
Niños  
Enfants  
Bambini



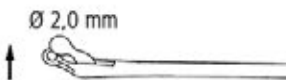
**KL 444/00**  
gerade - straight - rectas - droits - rette



**KL 444/01**  
aufgebogen - curved up - curvo arriba - courbe vers le haut - curva in alto



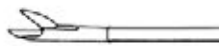
**KL 444/20**  
gerade - straight - rectas - droits - rette



**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



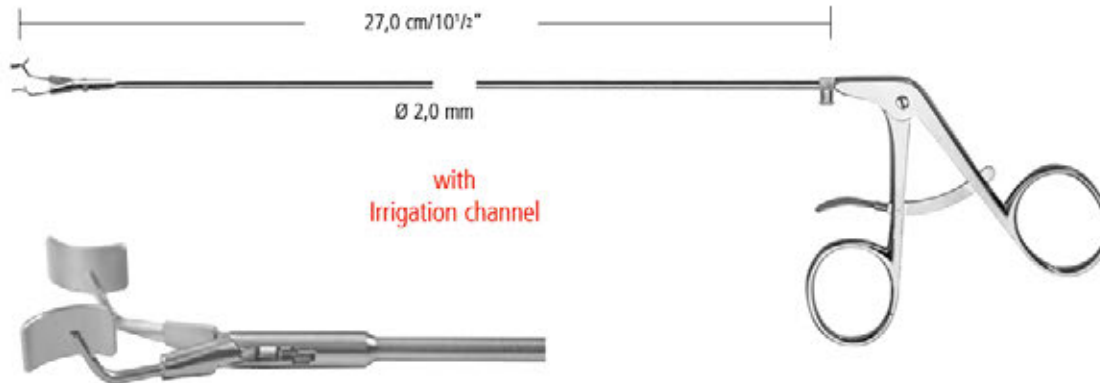
**KL 445/02**  
rechts - right - a la derecha - à droite - a destra



**KL 445/03**  
links - left - a la izquierda - à gauche - a sinistra

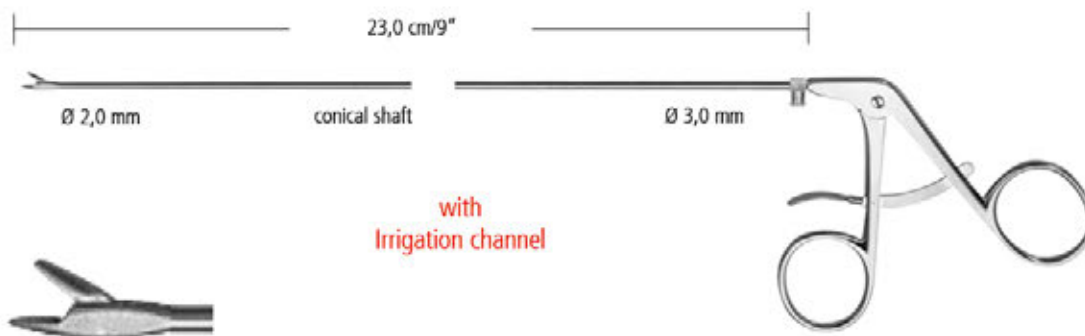
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Endolaryngeale Mikrochirurgie  
 Endolaryngeal Micro-Surgery  
 Microcirugia Endolaríngea  
 Endolaryngeal micro-chirurgie  
 Microchirurgia Endolaríngea



Stimmbandspreizer  
 Vocal cord spreader  
 Devaricatore per corde vocali  
 Ecarteur à cordes vocales  
 Separador cuerdas vocales

**KL 450/00**

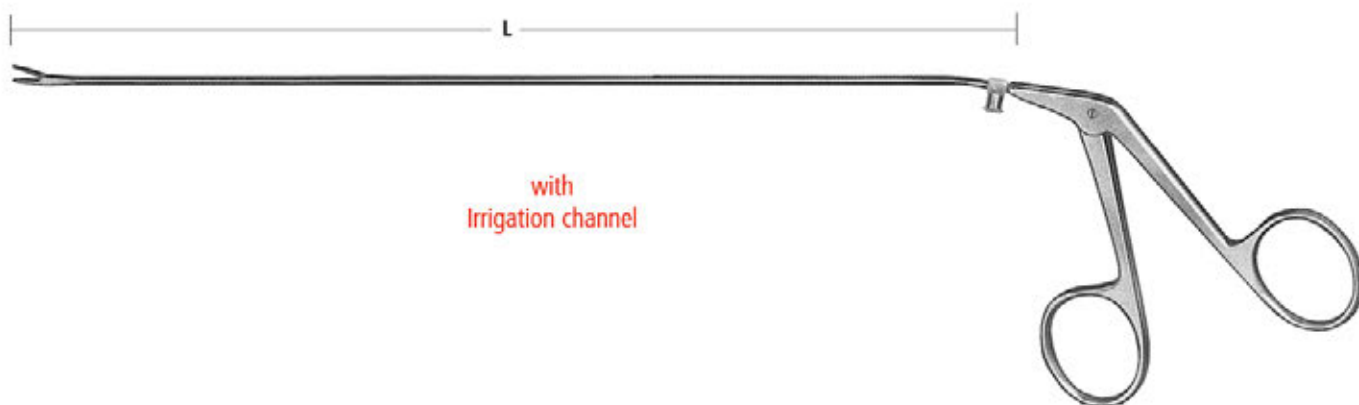


Nadelhalter  
 Needle holder  
 Portaghi  
 Porte aiguille  
 Porta-aguja

**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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 KYE  
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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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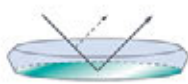
**KL** MUND MOUTH BOCA BOUCHE BOCCA

HD Ultra FS Mundspiegelansätze  
 HD Ultra FS Mouth mirrors  
 HD Ultra FS Espejos de boca  
 HD Ultra FS Mirrors à bouche  
 HD Ultra FS Specchiotti



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 mini mirror	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

1/11



Fig. 6



Fig. 7



Fig. 8

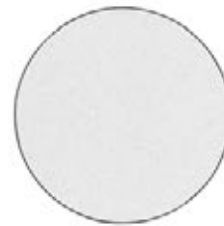


Fig. 9

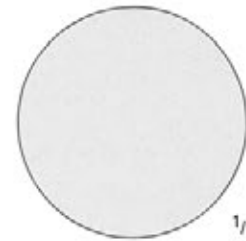


Fig. 10

1/11



KL 500/10



- 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	mm Ø
00	8
0	10
1	12
2	14
3	16
4	18
5	20
6	22
7	24
8	26
9	28
10	30



- 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



MICHEL

- KL 524/12
- KL 524/14
- KL 524/16
- KL 524/18

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KYE  
X

KL

Postrinoskopie-Spiegel, Kehlkopfzangen  
 Mirror Post-Rhinoscopic, Laryngeal Forceps  
 Espejo postrinosópico, Pinzas para laringeos  
 Miroir postrinoscopique, Pincès 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**



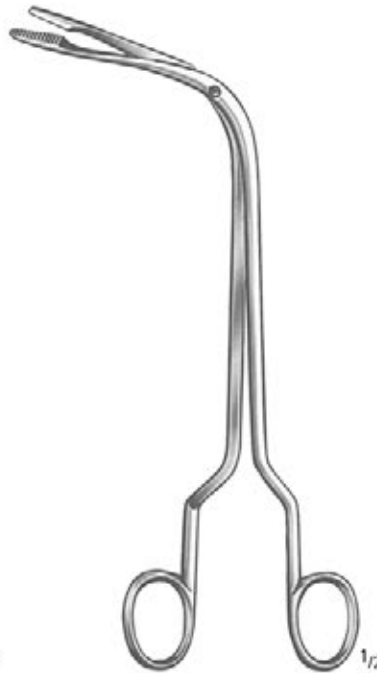
1/2

**REICHERT**  
**KL 590/24**  
 24,0 cm/9 1/2"



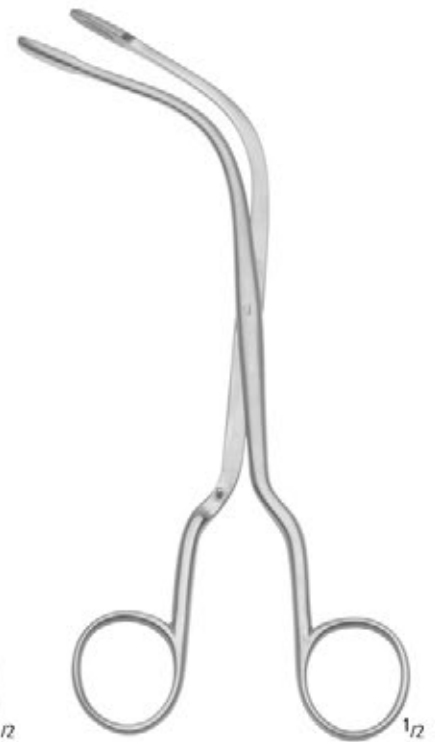
1/2

**KILLIAN**  
**KL 594/20**  
 20,0 cm/8"



1/2

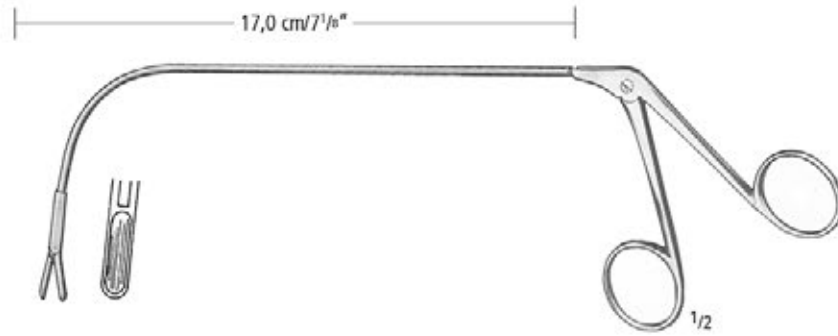
**FRAENKEL**  
**KL 601/18**  
 18,0 cm/7"



1/2

**FRAENKEL**  
**KL 603/19**  
 19,0 cm/7 1/2"

Kehlkopfpolypenzangen  
Laryngeal Polypus Forceps  
Pinzas para pólipos laríngeos  
Pinces à polypes laryngiens  
Pinze per polipi laringei



Without irrigation channel

**KL 613/00**

**FRAENKEL**  
26,5 cm/10 1/2"

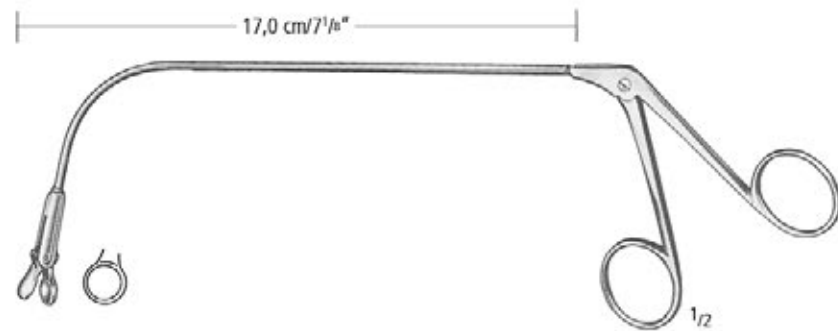
With irrigation channel  
on request

**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**

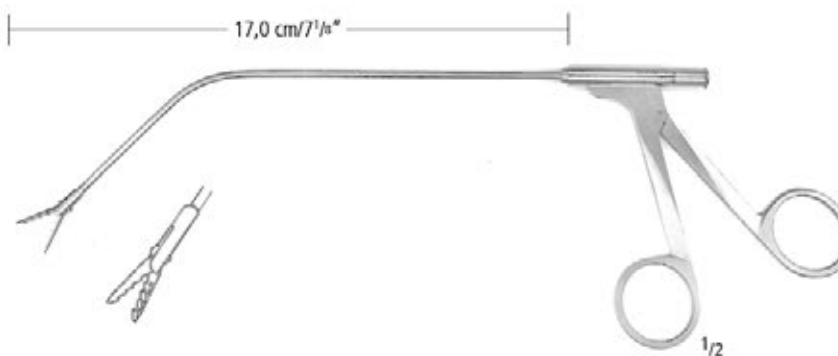
**KL 614/13**

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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X

**KL** SPEICHEL GANG DUCTUS SALIVARY DUCTUS SALIVARIUS

Speichelgangsonden  
 Ductus salivary Probes  
 Sondes exploratrices pour le ductus salivarius  
 Sondas exploradoras para ductus salivarius  
 Sonde esploratrici per ductus salivarius



geknöpft  
 pointed  
 con botón  
 boutonné  
 bottenuto

aus Silber  
 Sterling silver  
 de plata pura  
 en argent pur  
 in argento puro

- 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

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



zylindrisch  
 cylindrical  
 cilíndrica  
 cylindrique  
 cilindrico

- 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"

aus Silber  
 Sterling silver  
 de plata pura  
 en argent pur  
 in argento puro



**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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**KM**

**nopa**<sup>®</sup> instruments

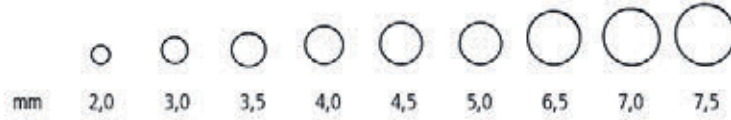
Otologie  
Otology  
Otología  
Otologie  
Otologia

Seite 277-308  
Page 277-308  
Página 277-308  
Page 277-308  
Pagina 277-308



Ohrspekula  
Ear Specula  
Espéculos auriculares  
Spéculums auriculaires  
Specoli auricolari

Ø = 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	<b>KM 021/01</b>		<b>KM 031/00</b>
3,0	<b>KM 021/02</b>		
3,5		<b>KM 031/01</b>	<b>KM 031/01</b>
4,0	<b>KM 021/03</b>		
5,0	<b>KM 021/04</b>	<b>KM 031/02</b>	<b>KM 031/02</b>
6,5			<b>KM 031/03</b>
7,5			<b>KM 031/04</b>



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	<b>KM 041/00</b>		<b>KM 045/01</b>
4,0	<b>KM 041/01</b>		<b>KM 045/02</b>
4,5			<b>KM 051/01</b>
5,0	<b>KM 041/02</b>	<b>KM 045/03</b>	
5,5			<b>KM 051/02</b>
6,5		<b>KM 045/04</b>	<b>KM 051/03</b>
7,0	<b>KM 041/03</b>		<b>KM 051/04</b>

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**



20°



35°

	3,3 mm	<b>KM 060/33</b>
	4,3 mm	<b>KM 060/43</b>
	4,8 mm	<b>KM 060/48</b>
	5,3 mm	<b>KM 060/53</b>
	5,8 mm	<b>KM 060/58</b>
	6,3 mm	<b>KM 060/63</b>
	6,7 mm	<b>KM 060/67</b>
	7,2 mm	<b>KM 060/72</b>
	7,7 mm	<b>KM 060/77</b>

	3,0 x 4,0 mm	<b>KM 062/30</b>	<b>KM 063/30</b>	<b>KM 064/30</b>
	4,0 x 5,0 mm	<b>KM 062/40</b>	<b>KM 063/40</b>	<b>KM 064/40</b>
	4,5 x 5,5 mm	<b>KM 062/45</b>	<b>KM 063/45</b>	<b>KM 064/45</b>
	5,0 x 6,0 mm	<b>KM 062/50</b>	<b>KM 063/50</b>	<b>KM 064/50</b>
	5,5 x 6,5 mm	<b>KM 062/55</b>	<b>KM 063/55</b>	<b>KM 064/55</b>
	6,0 x 7,0 mm	<b>KM 062/60</b>	<b>KM 063/60</b>	<b>KM 064/60</b>
	6,5 x 7,5 mm	<b>KM 062/65</b>	<b>KM 063/65</b>	<b>KM 064/65</b>
	7,0 x 8,0 mm	<b>KM 062/70</b>	<b>KM 063/70</b>	<b>KM 064/70</b>
	7,5 x 8,5 mm	<b>KM 062/75</b>	<b>KM 063/75</b>	<b>KM 064/75</b>

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KU  
KYE  
X

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	<b>KM 081/01</b> 2,0/4,0 mm	
	0	<b>KM 081/02</b> 3,0/4,8 mm	
	1	<b>KM 082/01</b> 4,0/6,0 mm	
	2	<b>KM 082/02</b> 5,0/7,0 mm	<b>KM 084/01</b> Saugkammer, allein Suction Head, only Cámara de aspiración, suelto Chambre aspiratrice, seule Camera aspirante, sola
	3	<b>KM 082/03</b> 6,5/8,5 mm	
	4	<b>KM 082/04</b> 8,5/10,5 mm	<b>KM 085/00</b> Gebläse, allein Rubbertube and bulb, only Insuflador de goma, suelto Soufflerie, seule Soffiera, sola
	5	<b>KM 082/05</b> 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

AA  
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 AE  
 AF  
 AG  
 AH  
 AI  
 AJ  
 AK  
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 AO  
 AP  
 AQ  
 AR  
 AS  
 AT  
 AU  
 AV  
 AW  
 AX  
 AY  
 AZ



**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

**KM**

KO

KU

KYE

X

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

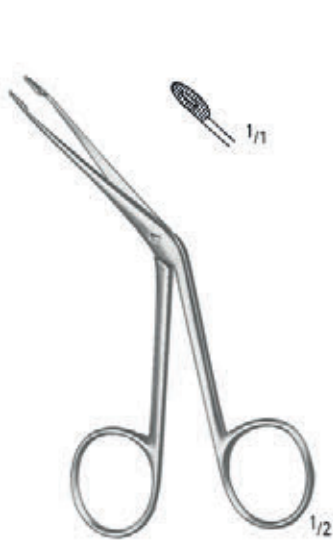
**KM 130/02** = 0,2 mm  
**KM 130/03** = 0,3 mm

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



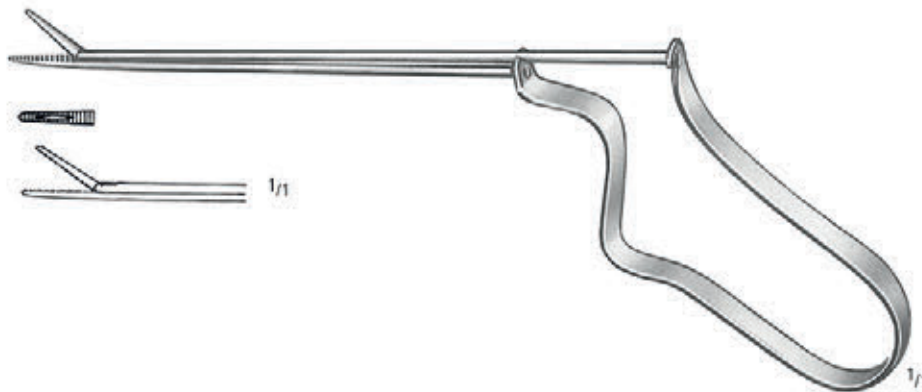
**HARTMANN**  
**KM 200/00**  
12,0 cm/4<sup>3</sup>/<sub>4</sub>"



**HARTMANN**  
**KM 200/01**  
14,0 cm/5<sup>1</sup>/<sub>2</sub>"



**TILLEY**  
**KM 201/00**  
14,0 cm/5<sup>1</sup>/<sub>2</sub>"



**BUCK**  
**KM 205/00**



**QUIRE**  
**KM 207/00**

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KL  
KM  
KO  
KU  
KYE  
X

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



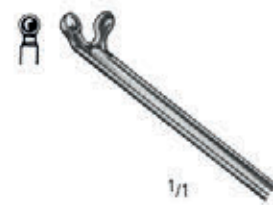
**DUCKBILL**  
KM 233/08



**WEINGÄRTNER**  
KM 234/08



**HARTMANN**  
KM 238/20 = 2,0 mm  
KM 238/25 = 2,5 mm  
KM 238/30 = 3,0 mm



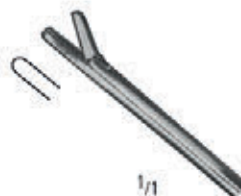
**HARTMANN**  
KM 240/20 = 2,0 mm  
KM 240/25 = 2,5 mm  
KM 240/30 = 3,0 mm



**STRÜMPEL**  
KM 242/08



**HARTMANN**  
KM 244/08



**HARTMANN**  
KM 248/08

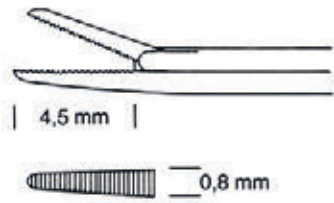


**HARTMANN-HOFFMANN**  
KM 248/20

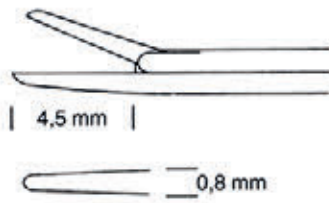


OHR OTOLGY OTOLOGIA OTOLOGIE OTOLOGIA

Mikro Ohrzangchen  
 Micro Ear Forceps  
 Micro pinzas auriculares  
 Micro pinces auriculaires  
 Micro pinze auricolari



**KM 300/08**



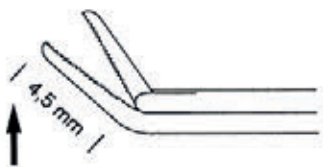
**KM 304/08**



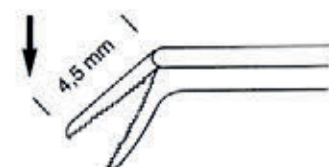
**KM 308/08**



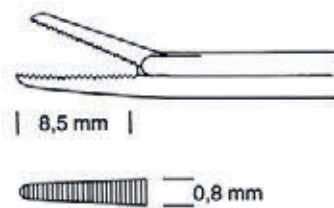
**KM 312/08**



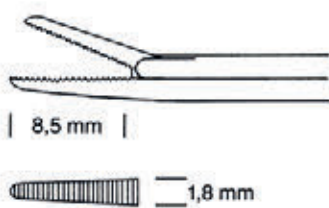
**KM 316/08**



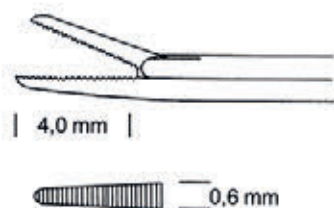
**KM 320/08**



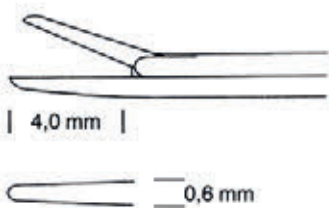
**KM 324/08**



**KM 326/08**



**KM 328/08**



**KM 330/08**

AA  
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 AO  
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 AR  
 KA  
 KL  
 KM  
 KO  
 KU  
 KYE  
 X

**KM** OHR OTOTOLOGY OTOLOGIA OTOLOGIE OTOLOGIA

Mikro Ohrzängchen  
 Micro Ear Forceps  
 Micro pinzas auriculares  
 Micro pinces auriculaires  
 Micro pinze auricolari



gerade  
 straight  
 rectas  
 droits  
 rette

**KM 334/08**



| 4,0 mm |

0,8 mm  
 1,25 mm



rechts gebogen  
 curved right  
 curvas derecha  
 courbes à droite  
 curva destra

**KM 338/08**



links gebogen  
 curved left  
 curvas izquierda  
 courbes à gauche  
 curva sinistra

**KM 342/08**



aufgebogen  
 curved up  
 curvas arriba  
 courbes en montant  
 curva in alto

**KM 346/08**

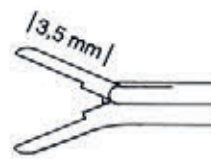


abgebogen  
 curved down  
 curvas abajo  
 courbes en bas  
 curva in basso

**KM 350/08**



**CRURA-NIPPER**  
**KM 354/08**



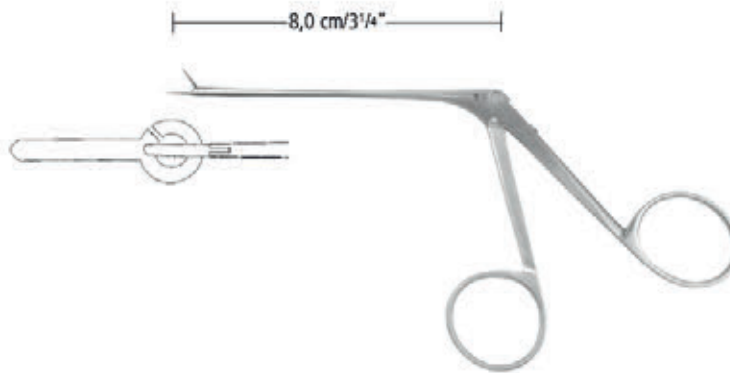
| 3,5 mm |  
 0,8 mm



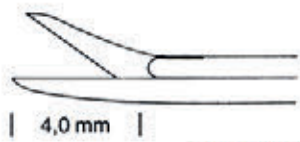
**McGEE**  
**KM 356/08**

OHR OTOLGY OTOLOGIA OTOLOGIE OTOLOGIA

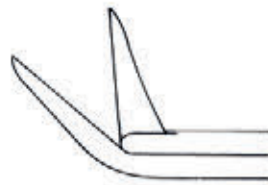
Mikro Ohrzangchen  
 Micro Ear Forceps  
 Micro pinzas auriculares  
 Micro pinces auriculaires  
 Micro pinze auricolari



**FULLER**  
**KM 358/08**



**KM 362/08**



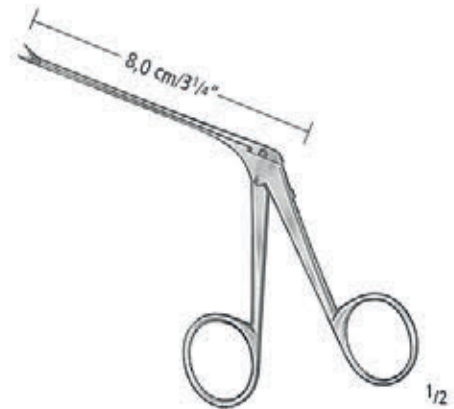
**KM 364/08**



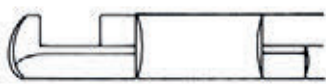
**KM 366/08**



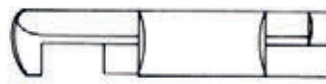
**KM 370/08**



**BELLUCCI**



**KM 376/08**



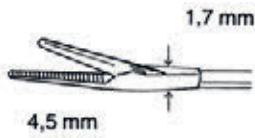
**KM 378/08**



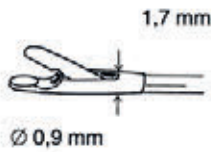
**DIETER**

AA  
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 KL  
**KM**  
 KO  
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 KYE  
 X

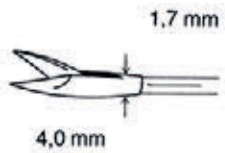
Mikro Ohrzängchen, Stanzen  
 Micro Ear Forceps, Punches  
 Micro pinzas auriculares, Pinzas osteótomos  
 Micro pinces auriculaires, Pincés ostéotomes  
 Micro pinze auricolari, Pinze osteotomi



**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 pincés coupantes voir groupe KO et KS.  
 Altre pinze taglienti 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"

AA  
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KM  
KO  
KU  
KYE  
X

Schlingen, Hakchen  
 Loops, Hooklets  
 Asas, Ganchitos  
 Anses, Crochets  
 Anse, Uncini



**BILLEAU**  
 16,5 cm/6 1/2"



**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"

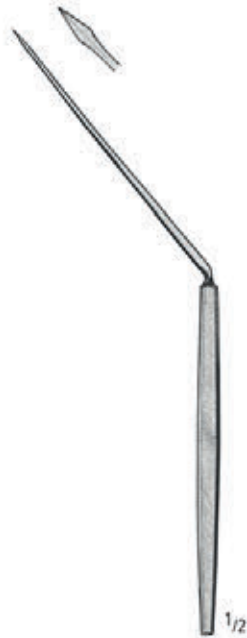
**ZAUFAL**  
**KM 566/16**  
 16,5 cm/6 1/2"



**WAGENER**  
 14,0 cm/5 1/2"

**LUCAE**  
 14,0 cm/5 1/2"

Parazentesenadeln, Messer  
 Paracentesis Needles, Knives  
 Agujas 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 1/2"



**POLITZER**  
**KM 614/17**  
 17,0 cm/6 3/4"



**POLITZER**  
**KM 616/16**  
 16,0 cm/6 1/4"

AA  
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 KL  
**KM**  
 KO  
 KU  
 KYE  
 X

Nadeln, Häkchen  
Needles, Hooklets  
Agujas, Ganchos  
Aiguilles, Crochets  
Aghi, Ganci



**BARBARA**  
25°  
KM 630/03  
KM 630/06  
KM 630/10

- 0,3 mm
- 0,6 mm
- 1,0 mm
- 1,2 mm
- 1,5 mm
- 2,0 mm
- 2,5 mm



**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



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**

AA  
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KL  
KM  
KO  
KU  
KYE  
X

Messer  
Knives  
Cuchillos  
Couteaux  
Coltelli



**ROSEN**  
16,0 cm/6 1/4"



16,0 cm/6 1/4"



**SCHUKNECHT**  
16,0 cm/6 1/4"



**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**



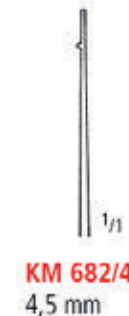
**HOUSE**  
16,0 cm/6 1/4"



**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 685/16**  
16,0 cm/6 1/4"

Instrumente für die Stapes-Fußplatte  
 Footplate Hand Instruments  
 Instrumentos para la platina estapediense  
 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 OTOLGY 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/7<sup>3</sup>/<sub>4</sub>"



**SCHUKNECHT**  
**KM 717/00**



**FISCH**  
**KM 719/16**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"

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

Küretten, Elevatorien, Raspatorien  
 Curettes, Elevators, Raspatories  
 Curetas, Elevadores, Legras  
 Curettes, Elévateurs, Rugines  
 Curette, Elevatori, Periostotomi



-  Fig. 0  
**KM 760/00**
-  Fig. 00  
**KM 760/01**
-  Fig. 000  
**KM 760/02**
-  Fig. 0000  
**KM 760/03**
-  Fig. 00000  
**KM 760/04**

**LEMPERT**  
21,0 cm/8<sup>1</sup>/<sub>4</sub>"



-  2,2 mm  
**KM 762/01**
-  3,2 mm  
**KM 762/02**

**WULLSTEIN**  
16,0 cm/6<sup>1</sup>/<sub>4</sub>"



-  3,0 mm

**LEMPERT**  
**KM 764/03**  
16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**SHAMBAUGH-DERLACKI**  
**KM 765/16**  
16,5 cm/6<sup>1</sup>/<sub>2</sub>"



**LEMPERT**  
17,0 cm/6<sup>3</sup>/<sub>4</sub>"

-  2,0 mm  
**KM 766/02**
-  3,0 mm  
**KM 766/03**
-  4,0 mm  
**KM 766/04**
-  5,0 mm  
**KM 766/05**

Küretten, Elevatorien, Meißel, Messer  
 Curettes, Elevators, Chisel, Knives  
 Curetas, Elevadores, Cinceles, Cuchillos  
 Curettes, Elévateurs, Ciseaux, Coutreaux  
 Curette, Elevatori, Scalpelli, Coltelli



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

9,0 mm **KM 768/09**  
 14,0 mm **KM 768/14**



**PASSOW**  
 13,0 cm/5"

2,0 X 2,0 mm **KM 769/02**  
 3,0 X 3,0 mm **KM 769/03**



**BEALES**  
 16,0 cm/6 1/4"

Fig. 1  
**KM 771/01**

Fig. 2  
**KM 771/02**



**MUCK**  
**KM 778/13**  
 13,0 cm/5"

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

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 aspiration ver seccion 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**



- Ø 0,5 mm **KM 835/05**
- Ø 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**

- c<sup>2</sup> 16
- c<sup>2</sup> 32
- c 64
- c 128
- c<sup>1</sup> 256
- c<sup>2</sup> 512
- c<sup>3</sup> 1024
- c<sup>4</sup> 2048
- c<sup>5</sup> 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
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- 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 865/05 = KM 862/03
- KM 865/05 = KM 862/04
- KM 865/05 = KM 864/03
- KM 865/05 = KM 864/04

- KM 865/06 = KM 862/02
- KM 865/06 = KM 862/03
- KM 865/06 = KM 862/04
- KM 865/06 = KM 862/05
- KM 865/06 = KM 864/03
- KM 865/06 = KM 864/04

- KM 865/08 = KM 862/02
- KM 865/08 = KM 862/03
- KM 865/08 = KM 862/04
- KM 865/08 = KM 862/05
- KM 865/08 = KM 864/01
- KM 865/08 = KM 864/02
- KM 865/08 = KM 864/03
- KM 865/08 = 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**



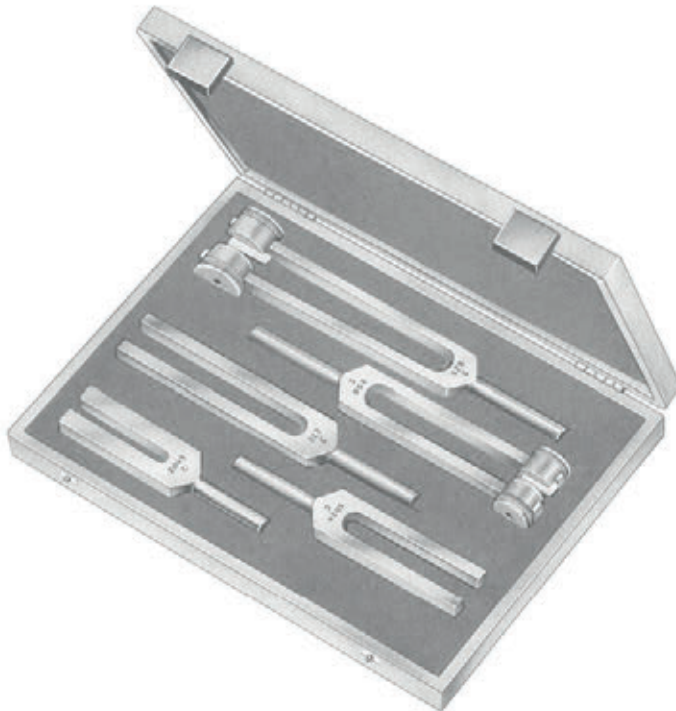
**C 2048**

**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



**POLITZER**

**KM 890/00 =** KM 890/00  
 KM 890/04  
 KM 890/15  
 KM 890/17  
 KM 890/22  
 KM 890/30

**KM 890/01**



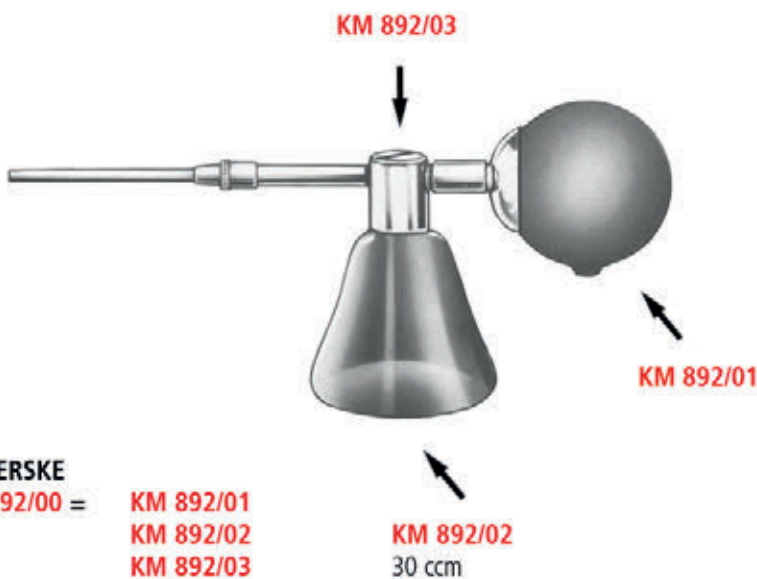
Ø 4 mm = **KM 890/04**



Ø 15 mm = **KM 890/15**  
 Ø 17 mm = **KM 890/17**  
 Ø 22 mm = **KM 890/22**



**KM 890/30**



**KABIERSKE**

**KM 892/00 =** KM 892/01  
 KM 892/02  
 KM 892/03  
 KM 892/08  
 KM 892/11  
 KM 892/13

**KM 892/02**  
 30 ccm



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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 KM  
 KO  
 KU  
 KYE  
 X

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

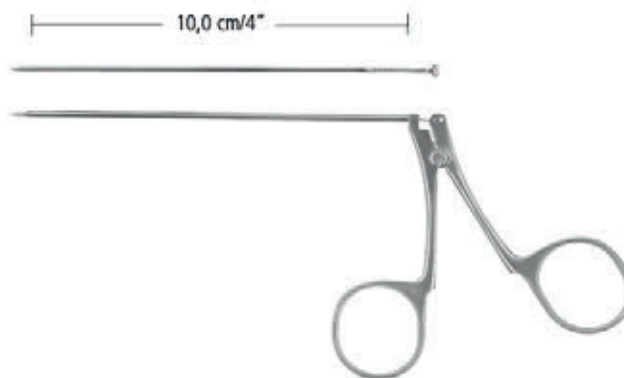
Paukenröhrchen  
Ventilation Tubes  
Tubes de ventilation  
Tubos de ventilación  
Tubi di ventilazione

**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**





HNO  
ENT  
ORL

KO

nopa<sup>®</sup> instruments

Rhinologie  
Rhinology  
Rinología  
Rhinologie  
Rinologia

Seite 309-358  
Page 309-358  
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Page 309-358  
Pagina 309-358



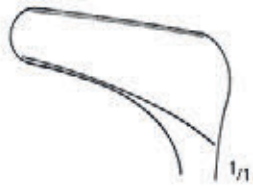


NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Nasenspekula  
Nasal Specula  
Especulos nasales  
Spéculum nasaux  
Specoli nasali



**HARTMANN-HALLE**  
15,0 cm/6"



**KO 050/01**



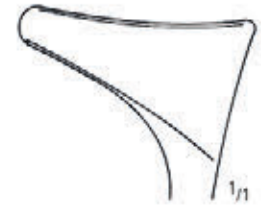
**KO 050/02**



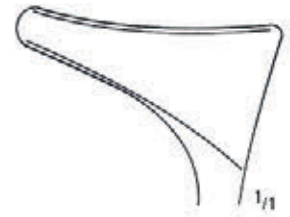
**KO 050/03**



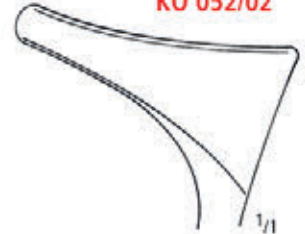
**HARTMANN**  
15,0 cm/6"



**KO 052/01**



**KO 052/02**



**KO 052/03**



**TIECK-HALLE**  
13,5 cm/5¼"



**KO 060/01**



**KO 060/02**



**BECKMANN**  
**KO 063/13**  
13,0 cm/5"



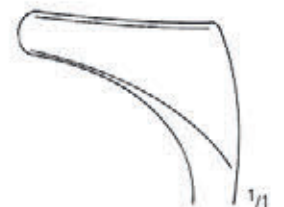
**BECKMANN**  
15,0 cm/6"



**KO 065/01**



**KO 065/02**



**KO 065/03**

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**KO**  
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**KO** NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

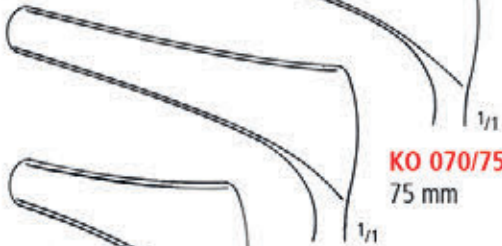
Nasenspekula, Nasenrachen-Spekulum  
 Nasal Specula, Nasopharyngeal Speculum  
 Espécules nasales, Espéculo nasolaringeal  
 Spéculums nasaux, Spéculum nasopharyngien  
 Specoli nasali, Specolum nasolaringeale



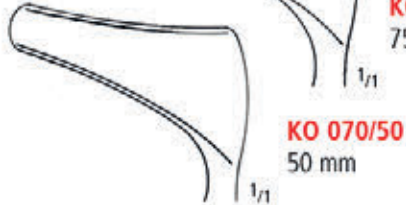
**KILLIAN**  
13,0 cm/5"



**KO 070/90**  
90 mm



**KO 070/75**  
75 mm

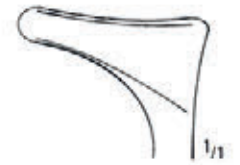


**KO 070/50**  
50 mm

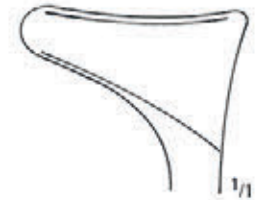
**KO 070/35**  
35 mm



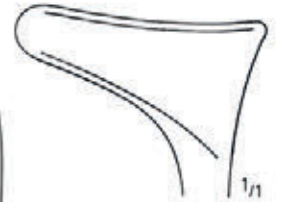
**MOD. WIEN**  
14,5 cm/5 3/4"



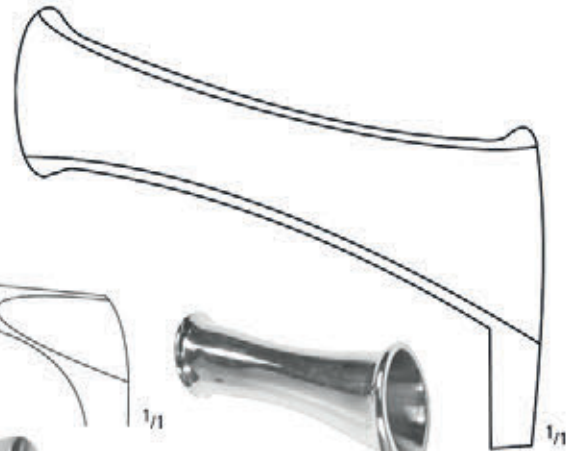
**KO 080/01**



**KO 080/02**



**KO 080/03**



**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"



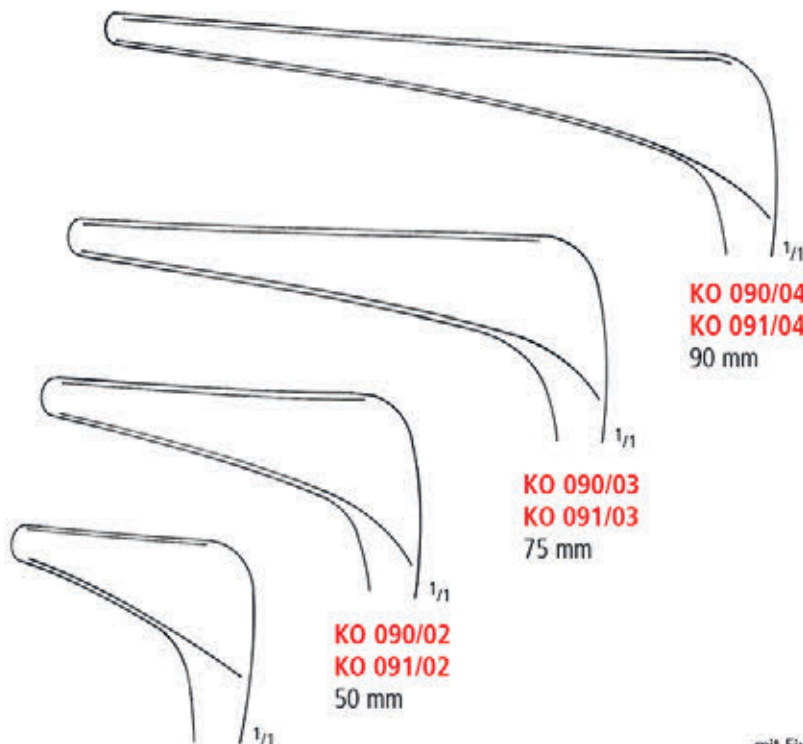
**YANKAUER**  
**KO 087/19**  
19,0 cm/7 1/2"

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Nasenspekula  
Nasal Specula  
Especulos nasales  
Spécules nasaux  
Specoli nasali



**COTTLE**  
KO 090/01-04  
15,0 cm/6"



**KO 090/01**  
**KO 091/01**  
35 mm

**KO 090/03**  
**KO 091/03**  
75 mm

**KO 090/04**  
**KO 091/04**  
90 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)**

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KYE  
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Polypenschnürer  
 Nasal Snares  
 Polipótomos  
 Serre-noeuds pour polypes  
 Serranodi per polipi



**KRAUSE**  
**KO 100/00**  
 26,0 cm/10<sup>1</sup>/<sub>2</sub>"



**KRAUSE-VOSS**  
**KO 102/00**  
 26,0 cm/10<sup>1</sup>/<sub>2</sub>"



**LANGE-WILDE**  
**KO 104/00**  
 24,0 cm/9<sup>1</sup>/<sub>2</sub>"



**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

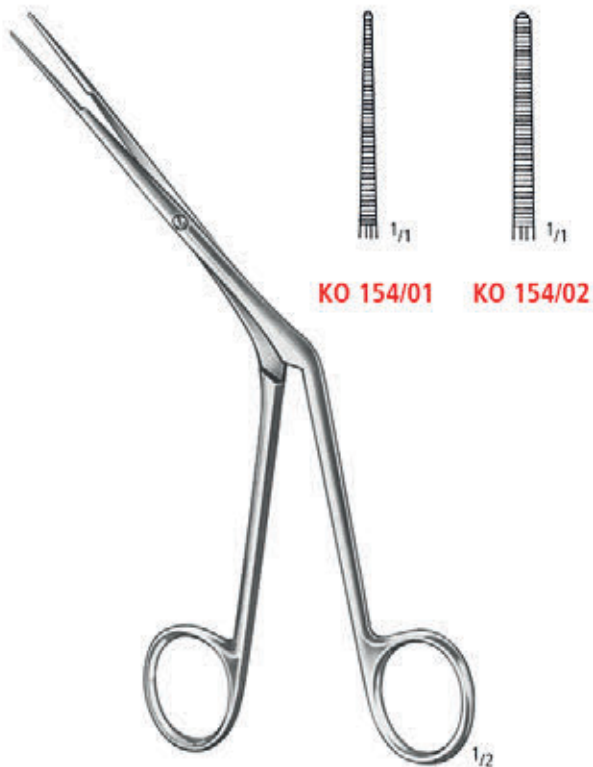


**HARTMANN**  
KO 150/16 16,0 cm/6<sup>1</sup>/<sub>4</sub>"  
KO 150/20 20,0 cm/8"

**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/6<sup>3</sup>/<sub>4</sub>"



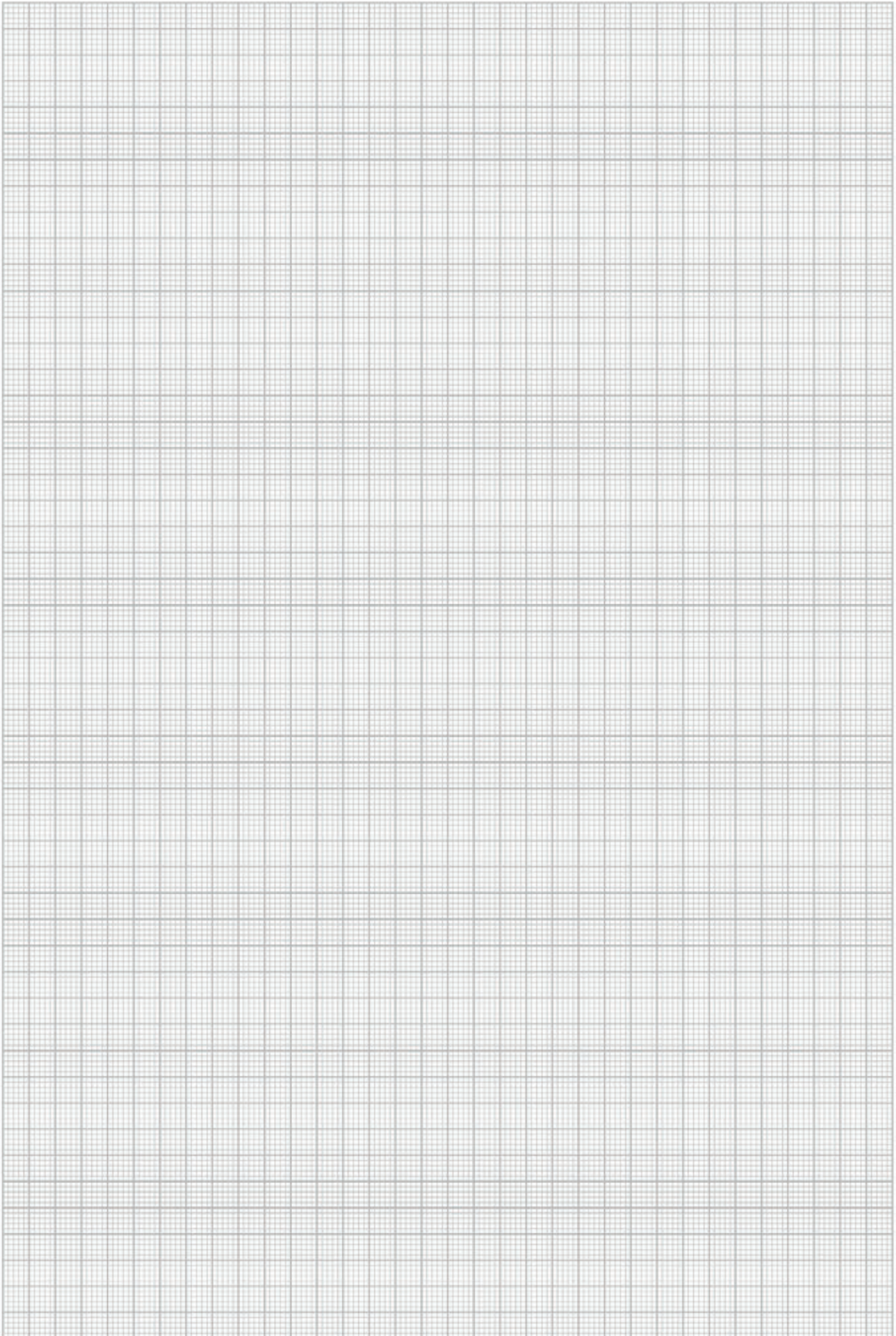
KO 154/01 KO 154/02

**WESTMACOTT**  
20,0 cm/8"



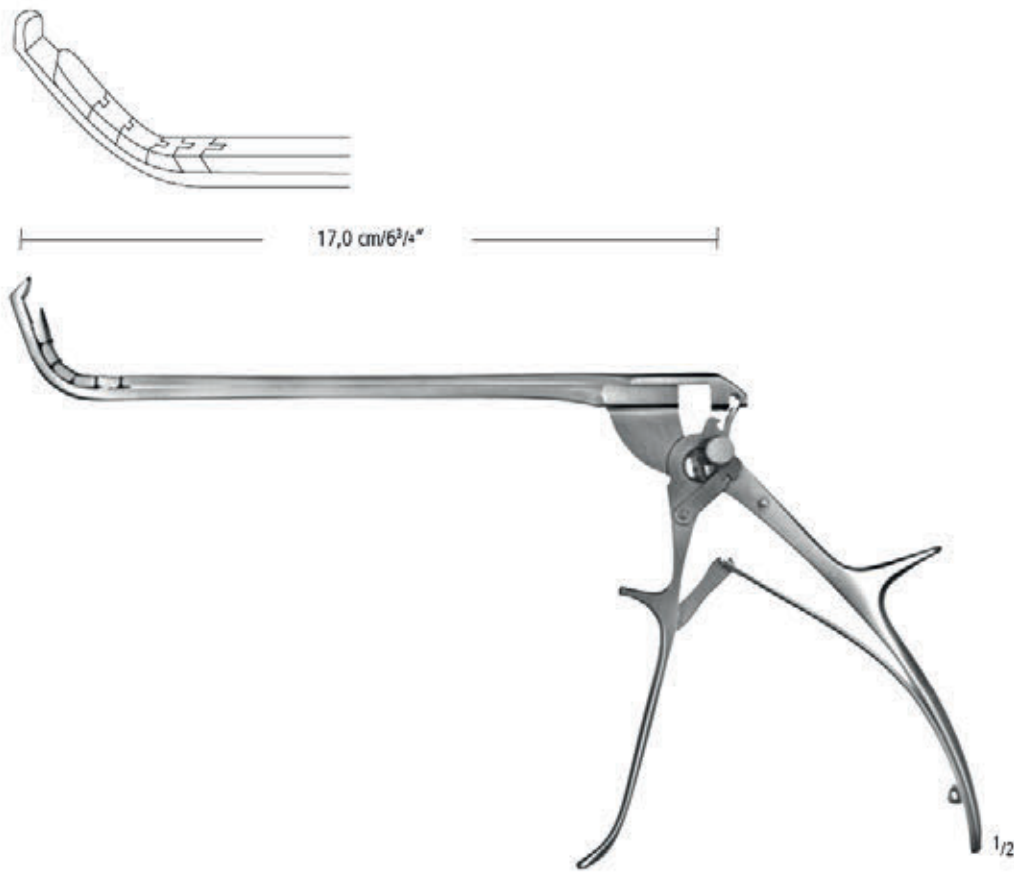
**HARTMANN**  
KO 155/19 19,0 cm/7<sup>1</sup>/<sub>2</sub>"

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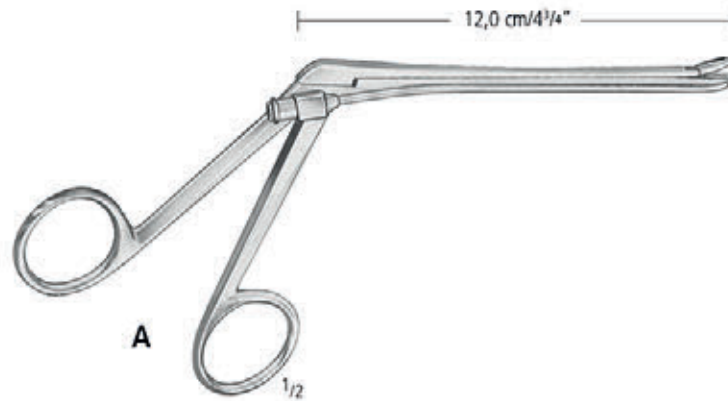
Stirnhöhlenstanze  
 Frontal sinus punch forceps  
 Pinzas para seno frontal  
 Pincès pour sinus frontal  
 Pinze per seno frontale



2,0 mm **KO 165/02**  
 3,0 mm **KO 165/03**

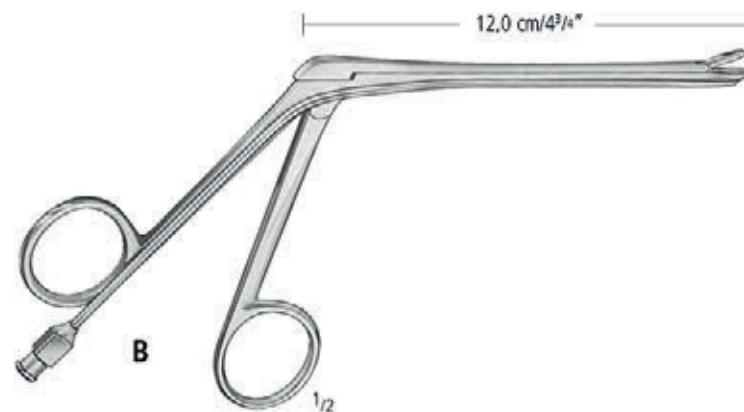
AA  
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 KA  
 KL  
 KM  
**KO**  
 KU  
 KYE  
 X

Sinuskopie-Zangen  
 Sinuscopy Forceps  
 Pinzas para senoscopia  
 Pince à sinus  
 Pinze per sinuscopia



**WEIL-BLAKESLEY**

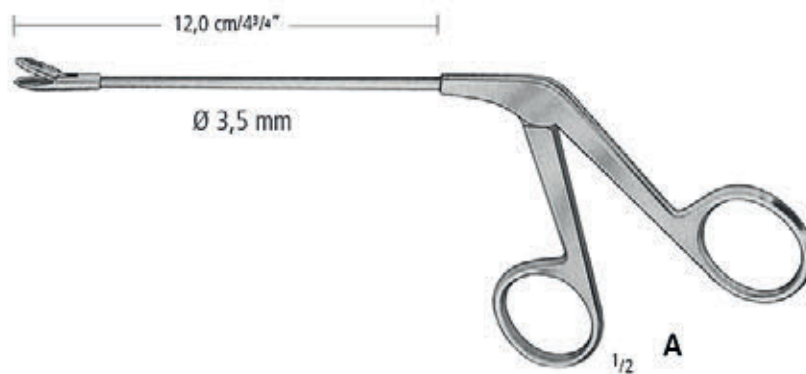
		2,5 mm	3,0 mm	3,5 mm
	0°	A <b>KO 170/01</b>	<b>KO 170/02</b>	<b>KO 170/03</b>
		B <b>KO 170/11</b>	<b>KO 170/12</b>	<b>KO 170/13</b>
	45°	A <b>KO 170/06</b>	<b>KO 170/07</b>	<b>KO 170/08</b>
		B <b>KO 170/16</b>	<b>KO 170/17</b>	<b>KO 170/18</b>
	90°	A <b>KO 170/21</b>	<b>KO 170/22</b>	<b>KO 170/23</b>
		B <b>KO 170/31</b>	<b>KO 170/32</b>	<b>KO 170/33</b>



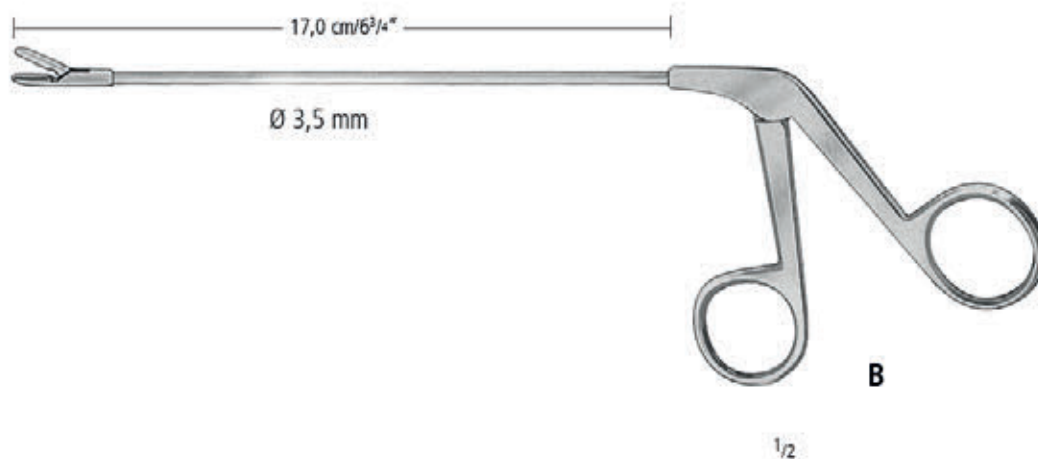
**WEIL-BLAKESLEY**

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Sinuskopie-Zangen  
 Sinuscopy Forceps  
 Pinzas para senoscopia  
 Pince à sinus  
 Pinze per sinusopia



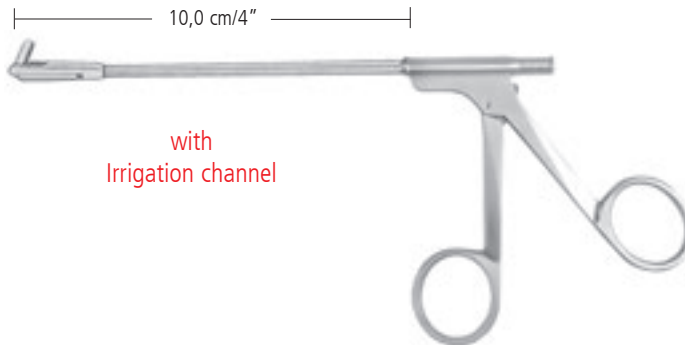
		2,5 mm	3,0 mm	3,5 mm	4,0 mm
WEIL-BLAKESLEY 0°	A	KO 171/01	KO 171/02	KO 171/03	KO 171/04
	B	KO 171/11	KO 171/12	KO 171/13	KO 171/14
		2,5 mm	3,0 mm	3,5 mm	4,0 mm
WEIL-BLAKESLEY 45°	A	KO 171/06	KO 171/07	KO 171/08	KO 171/09
	B	KO 171/16	KO 171/17	KO 171/18	KO 171/19
TAKAHASHI	A	4,0 x 10,0 mm			
STRUYCKEN	A	1,0 x 10,0 mm			


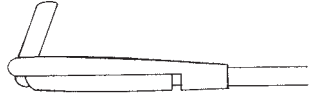



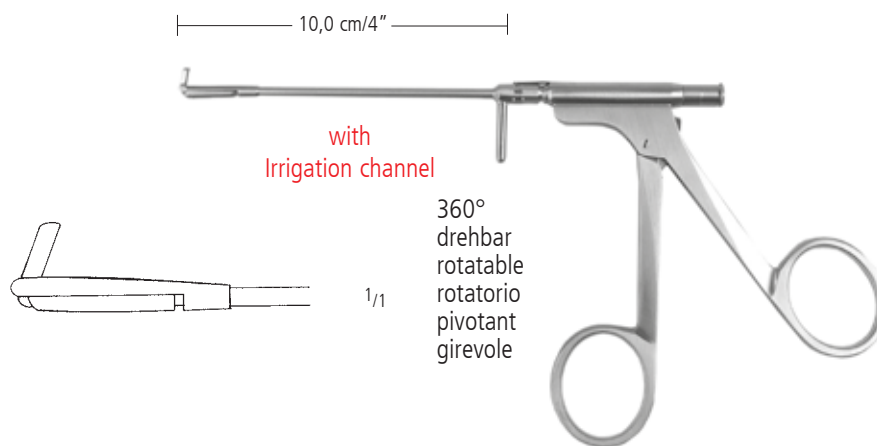
AA  
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 KA  
 KL  
 KM  
 KO  
 KU  
 KYE  
 X

Sinuskopie-Zangen  
Sinuscopy Forceps  
Pinzas para senoscopia  
Pince à sinus  
Pinze per sinuscopia

**STANZEN  
RETRO-PUNCHES**



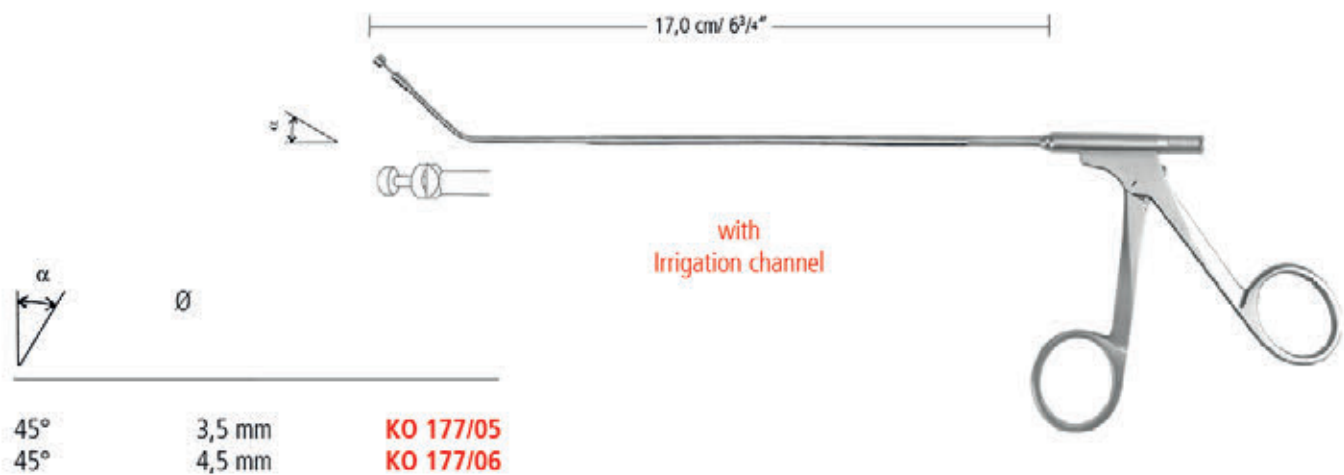
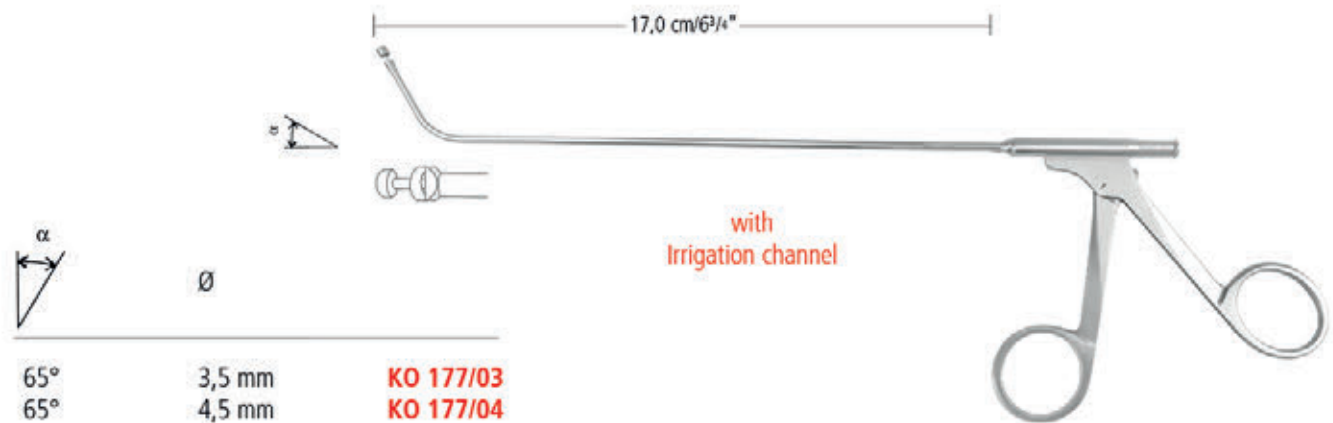
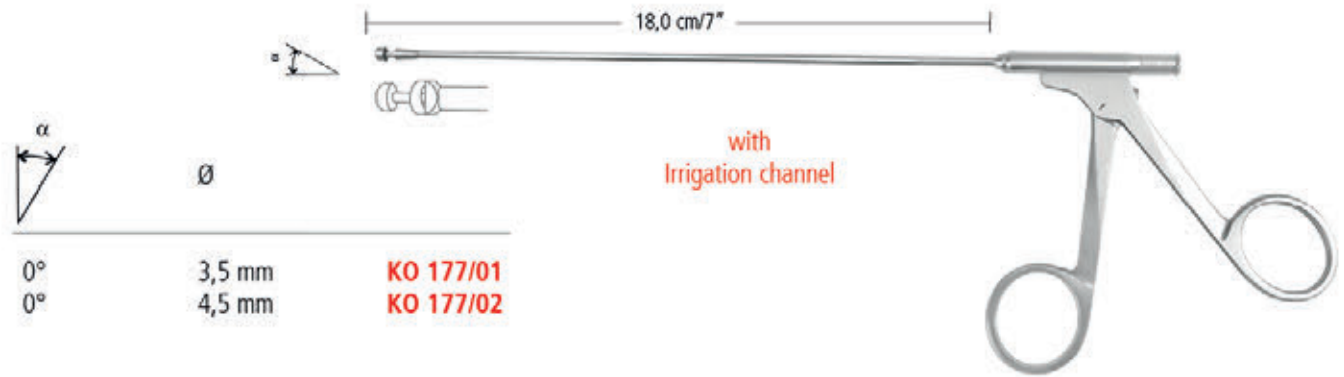
		Ø 3,0 mm	Ø 4,5 mm
		1,5 x 5,5 mm	2,5 x 7,0 mm
	1/1	<b>KO 1750 1</b>	<b>KO 1750 3</b>
	1/1	<b>KO 1751 1</b>	<b>KO 1751 3</b>
	1/1	<b>KO 1752 1</b>	<b>KO 1752 3</b>



	Ø 3,0 mm	Ø 3,0 mm
	1,5 x 5,5 mm	2,0 x 7,0 mm
	<b>KO 175B 1</b>	<b>KO 175B 2</b>

Sinuskopie-Zangen  
 Sinuscopy Forceps  
 Pinzas para senoscopia  
 Pince à sinus  
 Pinze per sinuscopia

**RUNDKOPF-STANZEN**  
**CIRCULAR-PUNCHES**



AA  
 AB  
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 KA  
 KL  
 KM  
 KO  
 KU  
 KYE  
 X

Sinuskopie-Zangen  
 Sinuscopy Forceps  
 Pinzas para senoscopia  
 Pince à sinus  
 Pinze per sinuscopia

**SCHEREN  
 SCISSORS**

glatt  
 smooth



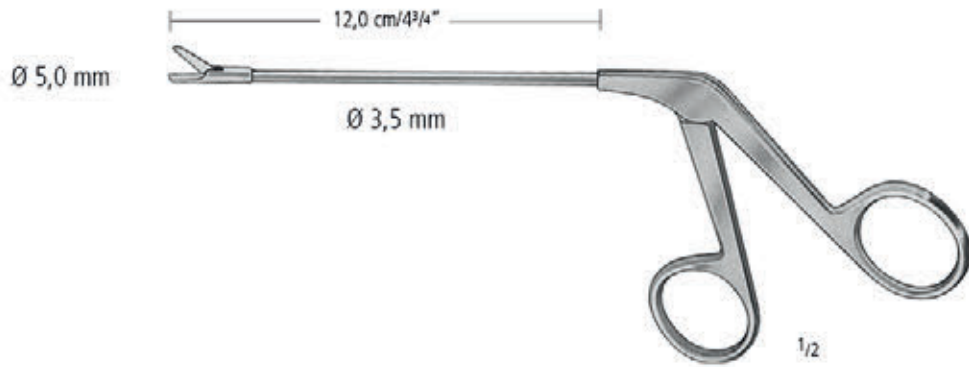
**KO 180/01**



**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**



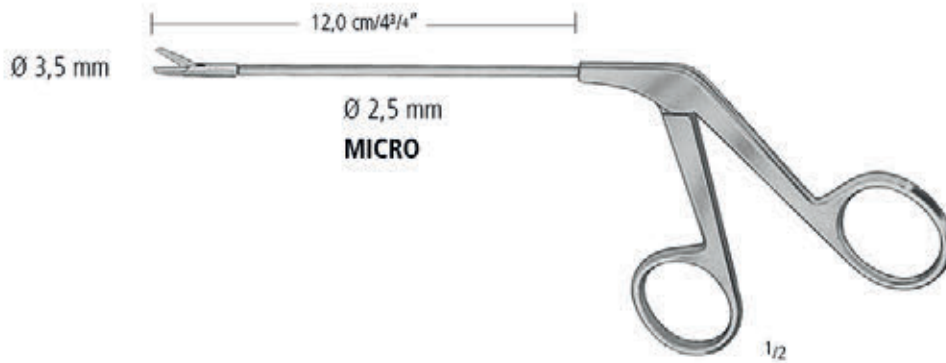
1/1

**KO 180/22**



1/1

**KO 180/23**



gezahnt  
 serrated



1/1

**KO 180/31**



1/1

**KO 180/32**



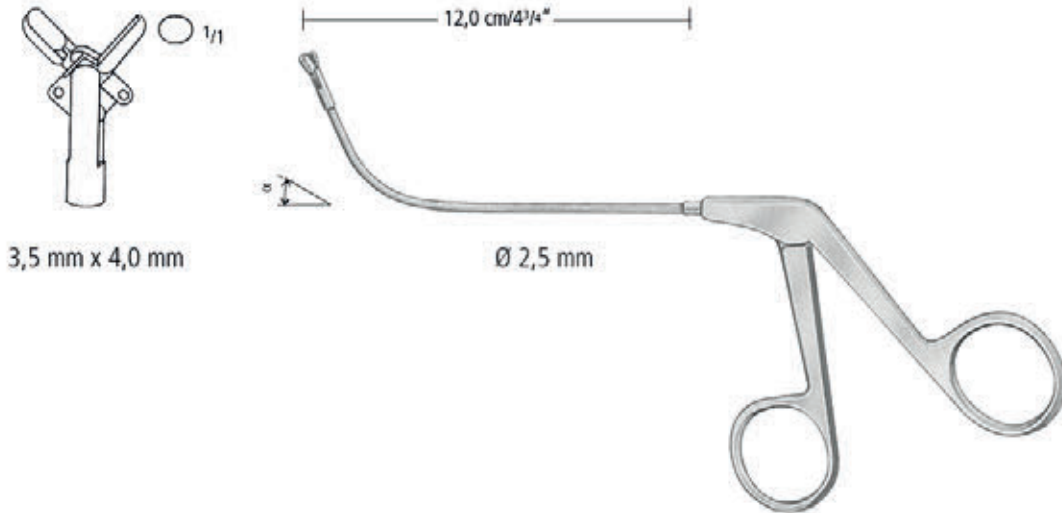
1/1

**KO 180/33**

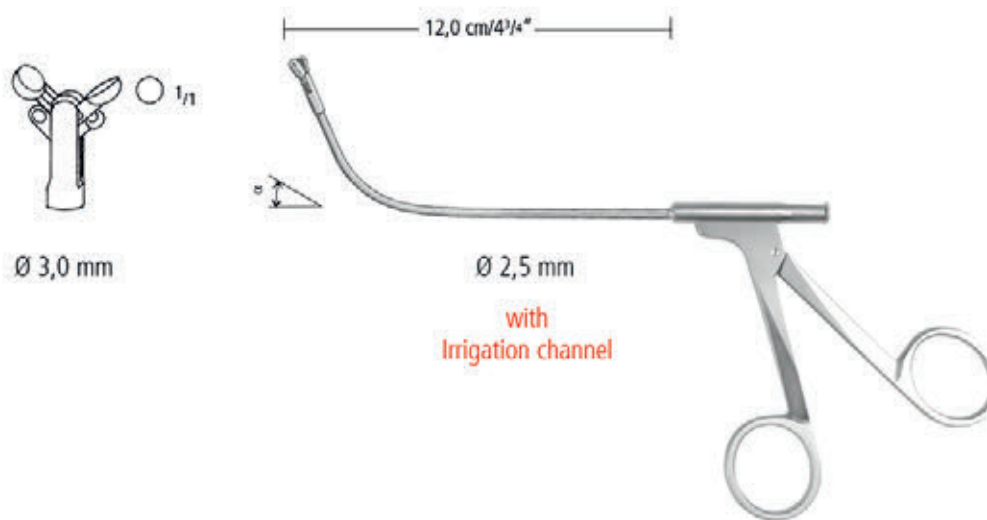
AA  
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 AE  
 AF  
 AK  
 AL  
 AO  
 AP  
 AR  
 KA  
 KL  
 KM  
 KO  
 KU  
 KYE  
 X

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°	<b>KO 185/01</b>	<b>KO 185/11</b>
90°	<b>KO 185/02</b>	<b>KO 185/12</b>
110°	<b>KO 185/03</b>	<b>KO 185/13</b>



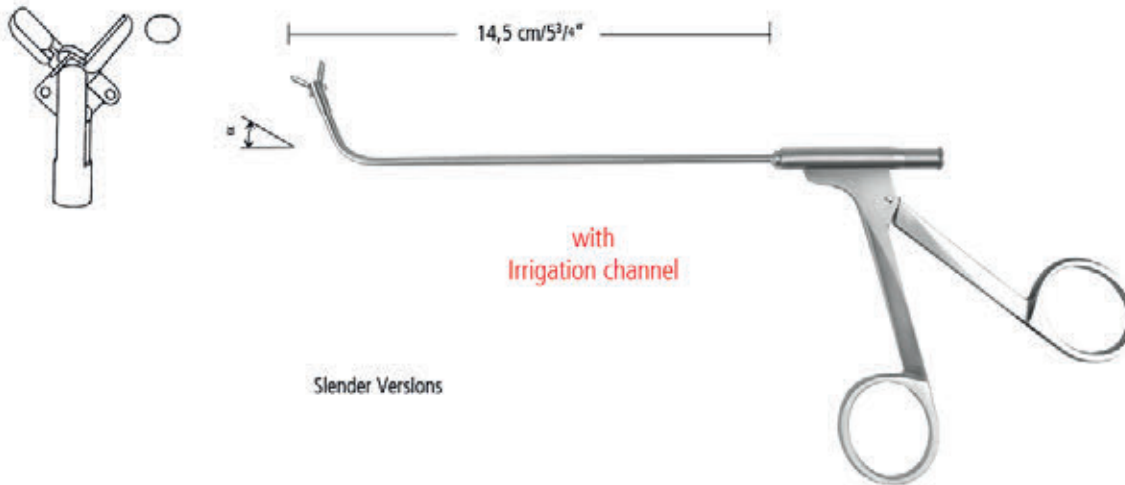
**STAMMBERGER**

	horizontal öffnend horizontal cutting	vertikal öffnend vertical cutting
65°	<b>KO 186/01</b>	<b>KO 186/02</b>



Sinuskopie-Zangen  
Sinuscopy Forceps  
Pinzas para senoscopia  
Pince à sinus  
Pinze per sinuscopia

**STIRNHÖHLEN ZANGEN  
FRONTAL SINUS FORCEPS**



$\alpha$	Ausstanzung Bite	horizontal öffnend horizontal cutting	vertikal öffnend vertical cutting
50°	2,0 mm	<b>KO 187/01</b>	<b>KO 187/02</b>
50°	3,0 mm	<b>KO 187/03</b>	<b>KO 187/04</b>
50°	4,0 mm	<b>KO 187/05</b>	<b>KO 187/06</b>
90°	2,0 mm	<b>KO 187/11</b>	<b>KO 187/12</b>
90°	3,0 mm	<b>KO 187/13</b>	<b>KO 187/14</b>
90°	4,0 mm	<b>KO 187/15</b>	<b>KO 187/16</b>

AA  
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KYE  
X

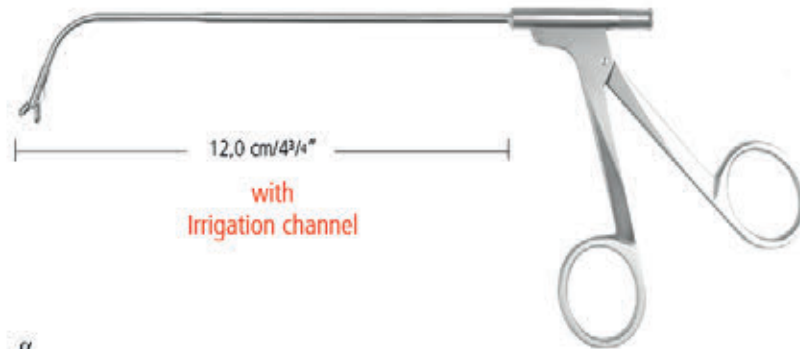
**KO**

Sinuskopie-Zangen  
 Sinuscopy Forceps  
 Pinzas para senoscopia  
 Pince à sinus  
 Pinze per sinuscopia

**KIEFERNHÖHLEN FASSZANGEN  
 ANTRUM GRASPING FORCEPS**



vertical jaw opening



with  
 Irrigation channel



ovale Löffel Ø  
 cupped jaws Ø

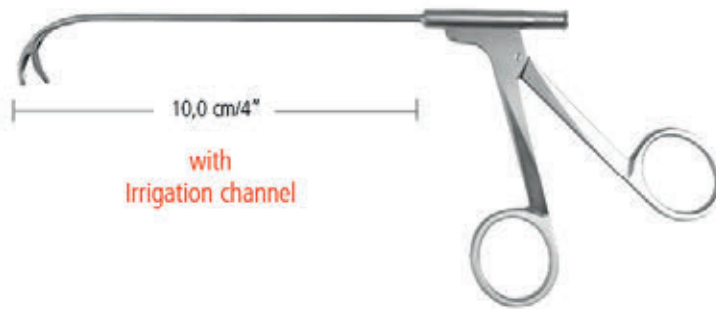
70°

3,0 mm

**KO 190/01**



90° bis 120° rückwärts  
 90° to 120° backbiter

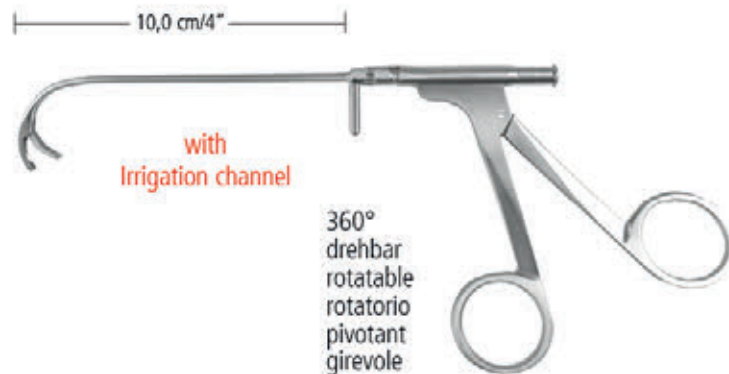


with  
 Irrigation channel

**KO 190/02**



90° bis 120° rückwärts  
 90° to 120° backbiter



with  
 Irrigation channel

360°  
 drehbar  
 rotatable  
 rotatorio  
 pivotant  
 girevole

**KO 190/03**

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



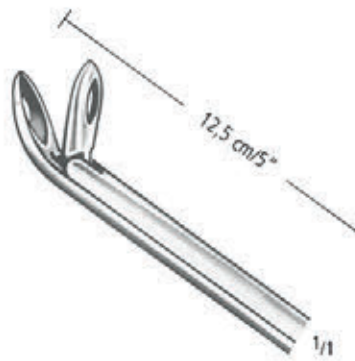
KO 201/01



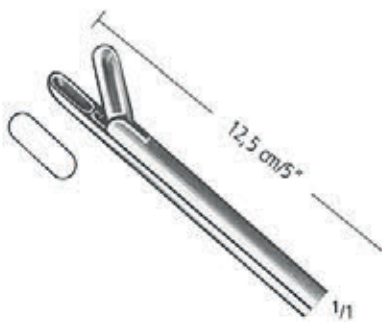
KO 201/02



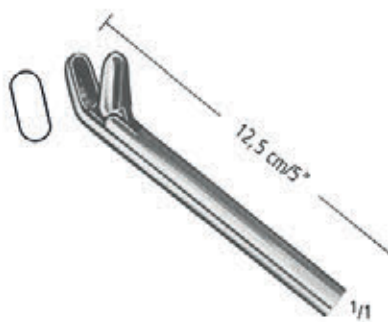
KO 201/03



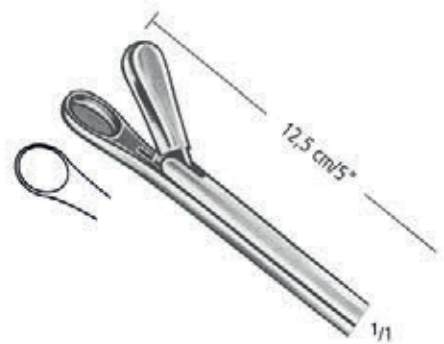
WEIL-BLAKESLEY



WATSON-WILLIAMS  
 KO 203/12




WATSON-WILLIAMS  
 KO 204/12



WATSON-WILLIAMS  
 KO 205/12

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

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**



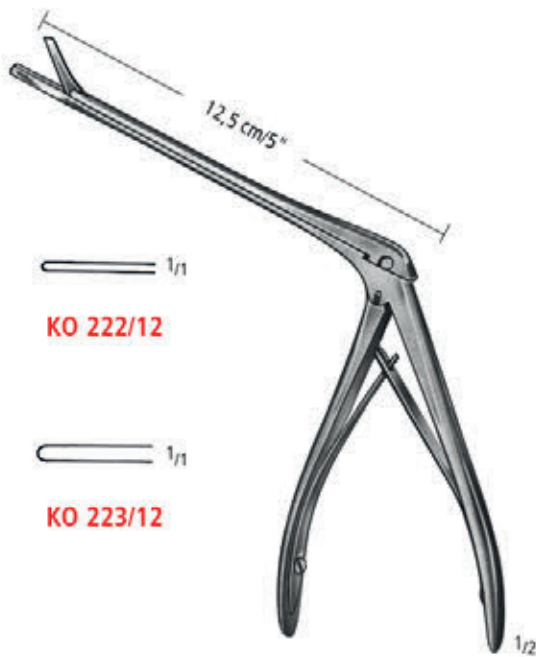
**STRUYCKEN**

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Scharfe Nasenzangen  
 Nasal Cutting Forceps  
 Pinzas cortantes para nariz  
 Pincès coupantes pour le nez  
 Pinze taglienti per il naso



TAKAHASHI



STRUYCKEN



JANSEN-MIDDLETON

KO 225/19  
 19,0 cm/7 1/2"



JANSEN-MIDDLETON

KO 226/19  
 19,0 cm/7 1/2"

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

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/6<sup>3</sup>/<sub>4</sub>"



**BRUENINGS**  
 19,0 cm/7<sup>1</sup>/<sub>2</sub>"



**LUC**  
 20,0 cm/8"

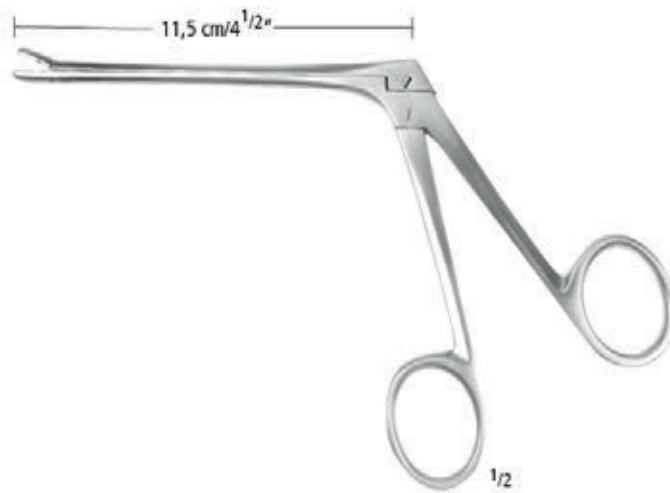


**KNIGHT**  
**KO 238/18**  
 18,0 cm/7"



**HEYMANN**  
 18,0 cm/7"

Nasenzangen  
Nasal Forceps  
Pinzas para nariz  
Pincas 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"

AA  
AB  
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AP  
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KA  
KL  
KM  
KO  
KU  
KYE  
X

Keilbeinstanzen  
Sphenoid Punches  
Pinzas para seno esfenoidal  
Pinces pour sinus sphénoïdal  
Pinze per seno sfenoidale



4 x 4 mm  
**KO 270/14**



4 x 4 mm  
**KO 271/14**



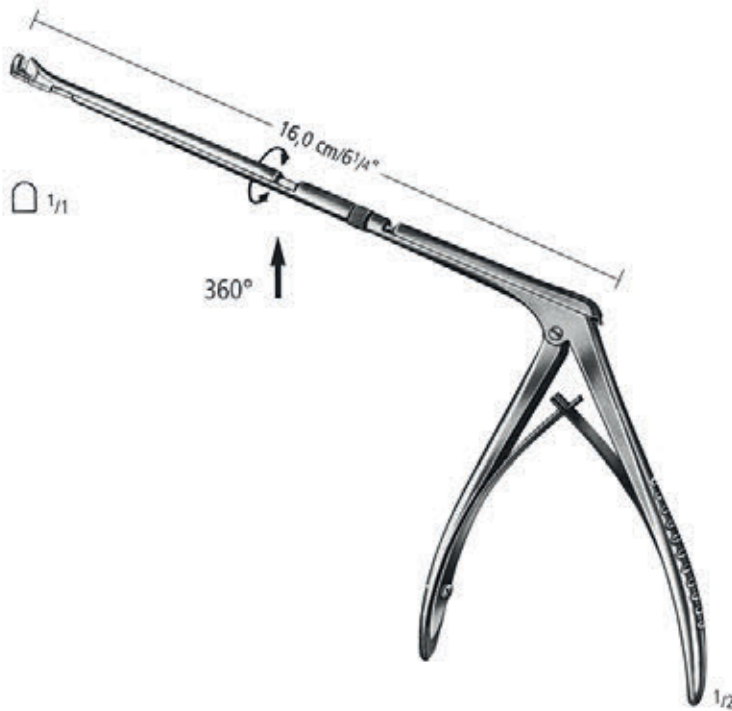
3,5 x 3,5 mm  
**KO 272/14**



3,5 x 3,5 mm  
**KO 273/14**



**HAJEK-KOFFLER**



**HAJEK-KOFFLER**  
**KO 274/16**



**KERRISON**

3 x 3 mm  
**KO 275/90**

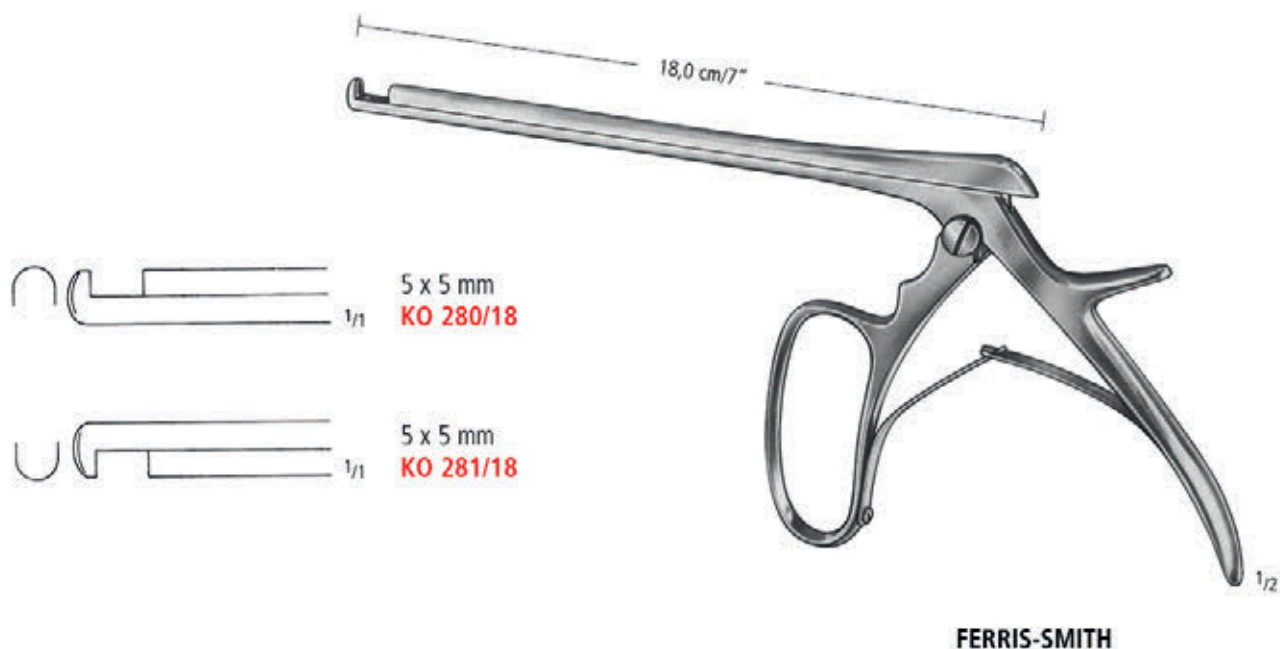
4 x 4 mm  
**KO 276/90**

5 x 5 mm  
**KO 277/90**

6 x 6 mm  
**KO 278/90**



Keilbeinstanzen  
Sphenoid Punches  
Pinzas para seno esfenoidal  
Pinces pour sinus sphénoïdal  
Pinze per seno sfenoidale

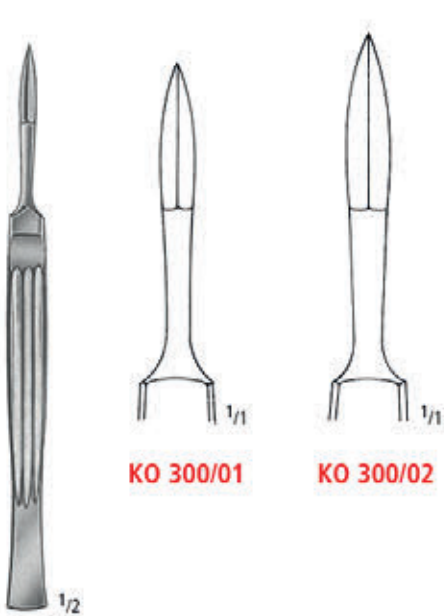


**HAJEK-CLAUS**  
**KO 285/20**  
20,0 cm/8"

Weitere Stanzen in Gruppe KS.  
For further punches see section KS.  
Para otras pinzas cortantes ver seccion KS.  
D'autres pinces coupantes voir groupe KS.  
Altre pinze taglienti vedi gruppo KS.

AA  
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KM  
KO  
KU  
KYE  
X

Nasenplastik- und Operationsmesser  
 Rhinoplastic and Nasal Knives  
 Bisturías 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/5¾"



**FOMON**  
**KO 304/16**  
 16,0 cm/6¼"



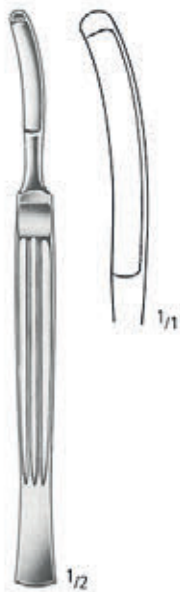
**MASING**  
**KO 305/13**  
 13,0 cm/5"



**COTTLE**  
**KO 306/15**  
 15,0 cm/6"



**COTTLE**  
**KO 307/15**  
 15,0 cm/6"



**CONVERSE**  
**KO 308/16**  
 16,0 cm/6¼"



**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/6½"

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 aspiration ver seccion AO  
 D'autres canules d'aspiration groupe AO  
 Altre cannule per aspirazione vedi gruppo AO

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 KL  
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 KU  
 KYE  
 X

KO

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/ 5<sup>3</sup>/<sub>4</sub>"



**BALLENGER**  
 5,0 x 4,0 mm  
**KO 334/22**  
 22,0 cm/8<sup>3</sup>/<sub>4</sub>"



**ROGER**  
 4,5 x 4,5 mm  
**KO 335/19**  
 19,0 cm/7<sup>1</sup>/<sub>2</sub>"



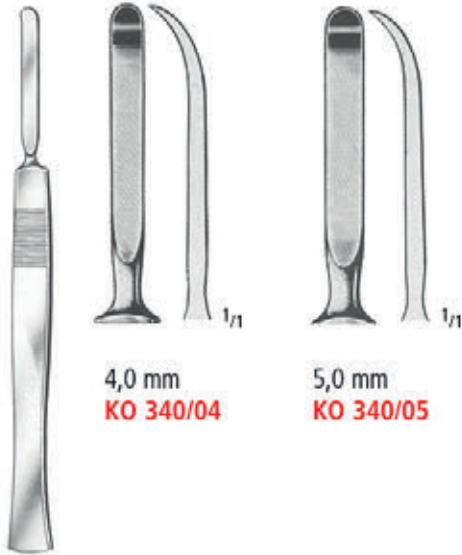
**CARTER**  
**KO 336/21**  
 21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**AUFRICHT**  
**KO 338/17**  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"

NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Septum- und Periost-Elevatoren  
 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



**HALLE**  
 KO 342/16  
 16,5 cm/6<sup>1</sup>/<sub>2</sub>"



**JOSEPH**  
 KO 343/16  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"

**McKENTY**  
 15,0 cm/6"

**JOSEPH-MASING**  
 KO 341/22  
 21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**KO 344/19**

scharf  
 sharp  
 cortante  
 tranchant  
 tagliente

**KO 345/19**

stumpf  
 blunt  
 romo  
 mousse  
 smusso



**FREER**  
 KO 348/18  
 18,0 cm/7"



**COTTLE**  
 KO 349/23  
 23,0 cm/9"



**McKENTY**  
 KO 350/22  
 22,0 cm/8<sup>3</sup>/<sub>4</sub>"

AA  
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 KA  
 KL  
 KM  
 KO  
 KU  
 KYE  
 X

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/8<sup>1</sup>/<sub>4</sub>"



**MASING**  
**KO 353/21**  
 21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**HOWARTH**  
**KO 354/21**  
 21,5 cm/8<sup>1</sup>/<sub>2</sub>"



**KILLIAN**  
**KO 355/18**  
 18,0 cm/7"



**KILLIAN**  
**KO 356/22**  
 22,0 cm/8<sup>3</sup>/<sub>4</sub>"

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<sup>1</sup>/<sub>4</sub>"



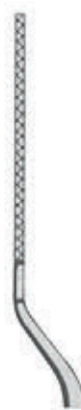
**PENNINGTON**  
**KO 359/21**  
 21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**JOSEPH**  
 19,0 cm/7<sup>1</sup>/<sub>2</sub>"



**KO 362/00**



**KO 362/01**



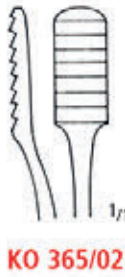
**KO 362/02**

AA  
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 AP  
 AR  
 KA  
 KL  
 KM  
 KO  
 KU  
 KYE  
 X

Nasenraspeln  
Nasal Rasps  
Escofinas nasal  
Râpes nasale  
Raspe nasali

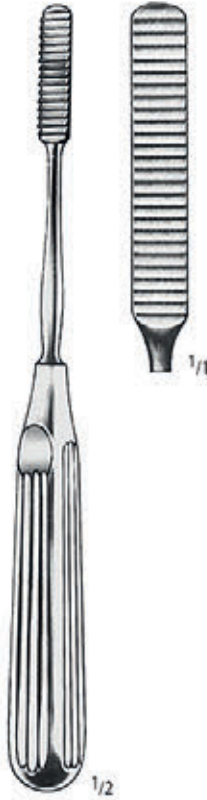


**KO 365/01**



**KO 365/02**

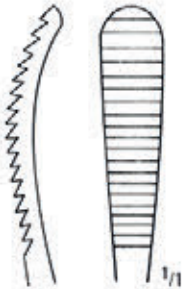
**LEWIS**  
18,0 cm/7"



**COTTLE**  
**KO 366/21**  
21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**KO 367/01**



**KO 367/02**

**AUFRICHT**  
21,0 cm/8<sup>1</sup>/<sub>4</sub>"

nopa<sup>®</sup>  
**TUE**



**MALTZ**  
**KO 368/18**  
18,0 cm/7"



**AUFRICHT GLABELLA**  
**KO 368/20**  
20,0 cm/8"



**JOSEPH**  
16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**KO 369/01**



**KO 369/02**



**GALLAGHER**  
**KO 370/00**  
16,0 cm/6<sup>1</sup>/<sub>4</sub>"



Nasenraspeln  
Nasal Rasps  
Escofinas nasal  
Râpes nasale  
Raspe nasali



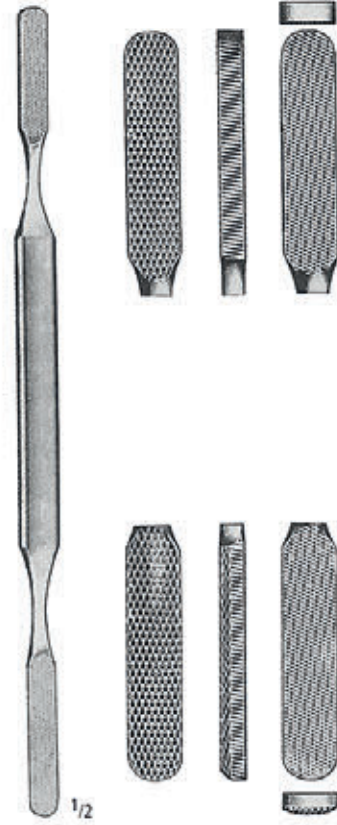
**WIENER**  
18,0 cm/7"



**KO 375/01**



**KO 375/02**



**FOMON**  
**KO 377/21**  
21,0 cm/8 1/4"

nopa® DIAMOND



**FOMON**  
**KO 377/31**  
21,0 cm/8 1/4"



**MASING**  
**KO 378/21**  
21,0 cm/8 1/4"



**MASING**  
**KO 379/21**  
21,0 cm/8 1/4"

AA  
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AR  
KA  
KL  
KM  
KO  
KU  
KYE  
X

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"

Nasenraspeln  
Nasal Rasps  
Escofinas nasal  
Râpes nasale  
Raspe nasali



**LEWIS**  
KO 390/01-02  
18,0 cm/7"



KO 390/01



KO 390/02

nopa<sup>®</sup>  
**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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X

KO

Feine Wundhaken  
 Delicate Hooks  
 Ganchos  
 Crochets très fins  
 Divaricatori sottili



**JOSEPH**  
**KO 400/01**  
 15,0 cm/6"



**JOSEPH**  
 16,0 cm/6 1/4"



**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/6 1/4"



**FOMON**  
**KO 403/17**  
 17,0 cm/6 3/4"



**LANGE**  
**KO 404/22**  
 22,0 cm/8 3/4"



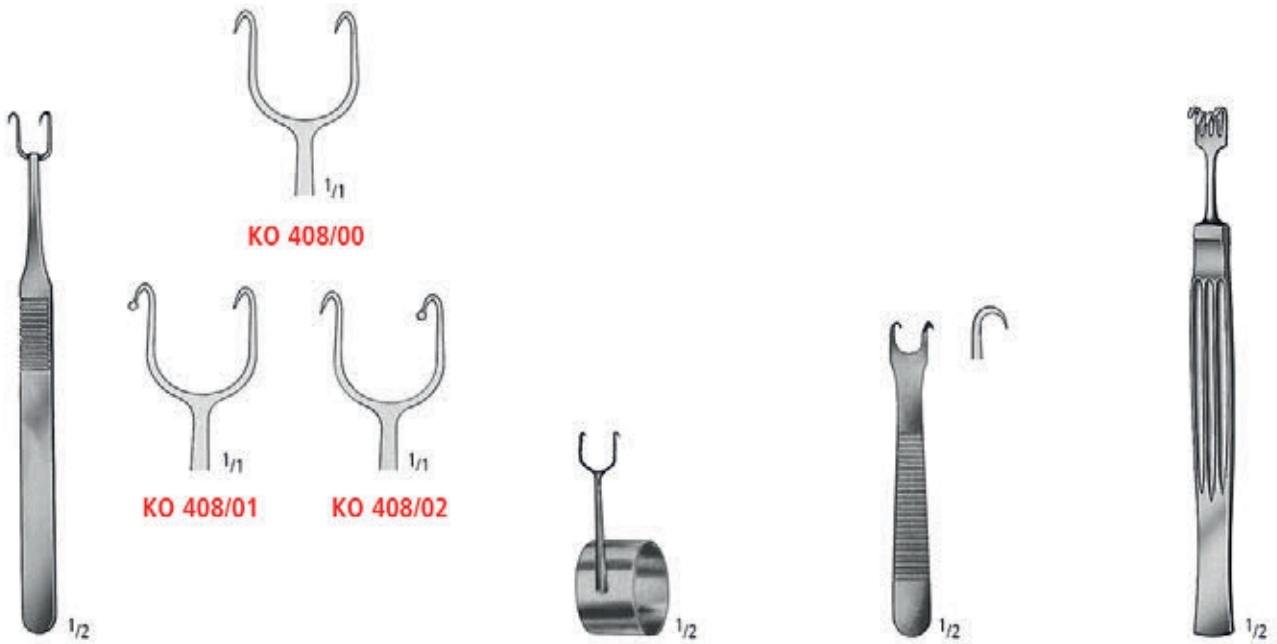
**FOMON**  
**KO 405/16**  
 16,0 cm/6 1/4"



**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"

**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"

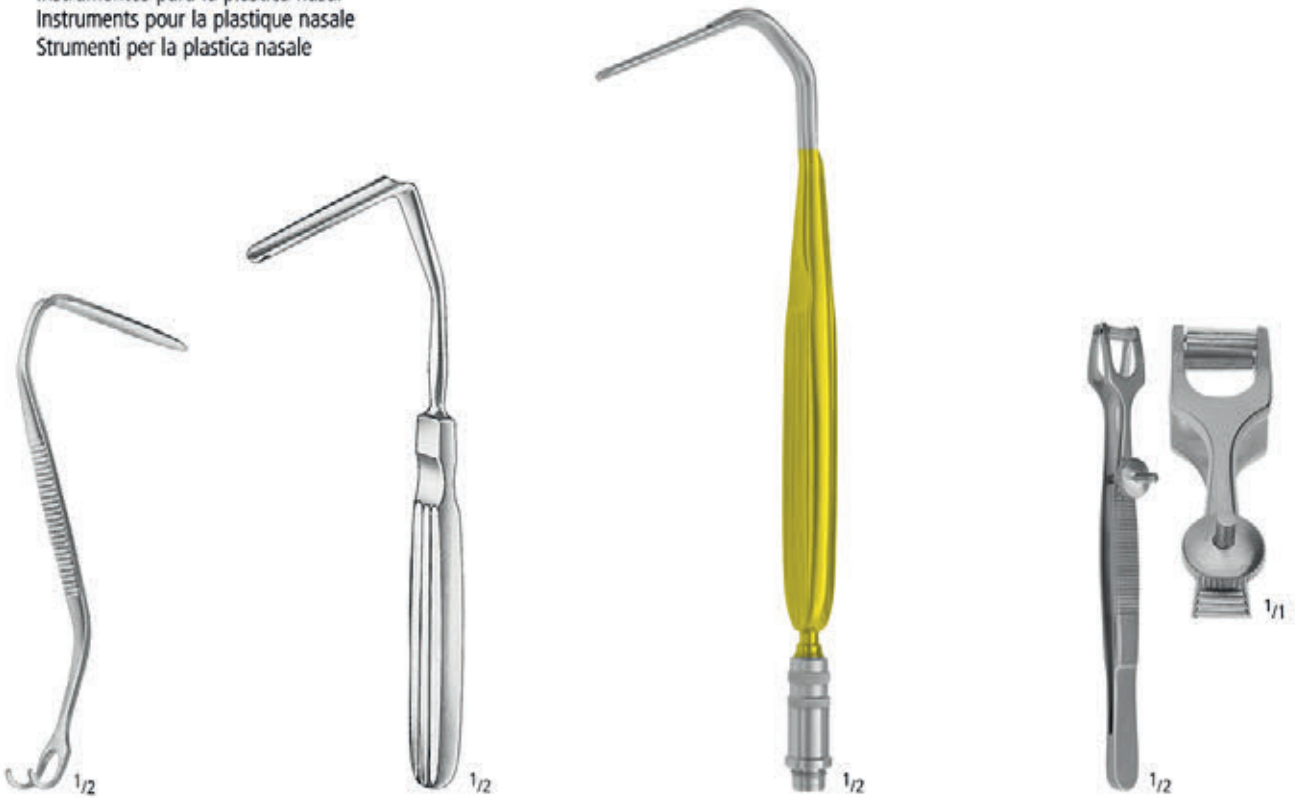
**COTTLE**  
KO 415/15  
15,0 cm/6"

**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/5<sup>1</sup>/<sub>4</sub>"

**AUFRICHT**  
**KO 430/45**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"

**AUFRICHT**  
**KO 430/50**  
 mit Kaltlicht  
 with fibre optic illumination

**COTTLE**  
**KO 435/11**  
 11,0 cm/4<sup>1</sup>/<sub>3</sub>"

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/ 4<sup>1</sup>/<sub>2</sub>"



**CONVERSE**  
 9,0 cm/3<sup>1</sup>/<sub>2</sub>"  
 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<sup>1</sup>/<sub>2</sub>"



**FAULKNER**  
**KO 482/21**  
21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**MACKAY**  
**KO 483/21**  
21,0 cm/8<sup>1</sup>/<sub>4</sub>"  
2,5 x 5,0 mm

**COAKLEY**  
**KO 480/01-06**  
17,0 cm/6<sup>3</sup>/<sub>4</sub>"



**SEWALL**  
**KO 485/20**  
20,0 cm/8"



**PRATT**  
**KO 486/21**  
21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**MACKAY**  
**KO 489/21**  
21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**KO 490/20**  
20,0 cm/8"



**KUHN-BOLGER**  
55°  
**KO 492/55**  
19,0 cm/7<sup>1</sup>/<sub>2</sub>"



**KUHN-BOLGER**  
90°  
**KO 492/90**  
19,0 cm/7<sup>1</sup>/<sub>2</sub>"

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**KO**  
KU  
KYE  
X

**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



**UFFENDORFER**  
**KO 493/21**  
 21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**UFFENDORFER**  
**KO 494/21**  
 21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**HALLE**  
**KO 495/21**  
 21,0 cm/8<sup>1</sup>/<sub>4</sub>"



**FREER**  
**KO 602/04**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**FREER**  
**KO 603/04**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**WEST**  
**KO 604/04**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**WEST**  
**KO 605/04**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"



**FREER**  
**KO 606/06**  
 15,0 cm/6"



**BALLENGER**  
 16,0 cm/6<sup>1</sup>/<sub>4</sub>"

**KO 607/04**  
 4,0 mm

**KO 607/06**  
 6,0 mm

**KO 607/08**  
 8,0 mm



**KILLIAN**  
**KO 608/05**  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"

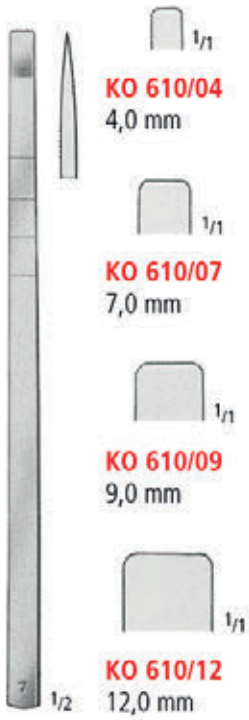


**KILLIAN-CLAUS**  
**KO 609/05**  
 17,0 cm/6<sup>3</sup>/<sub>4</sub>"

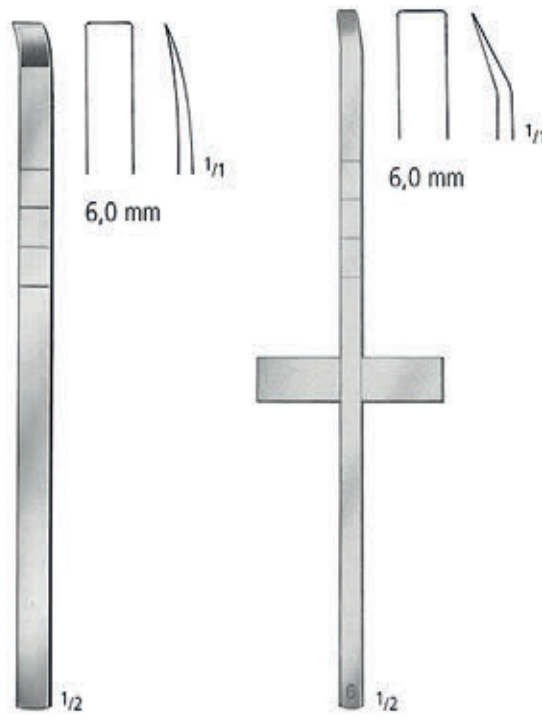


NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

Osteotome und Flachmeißel  
 Osteotomes and Chisels  
 Osteótomos y Cinceles  
 Ostéotomes et Ciseaux-burins  
 Osteotomi e Scalpelli

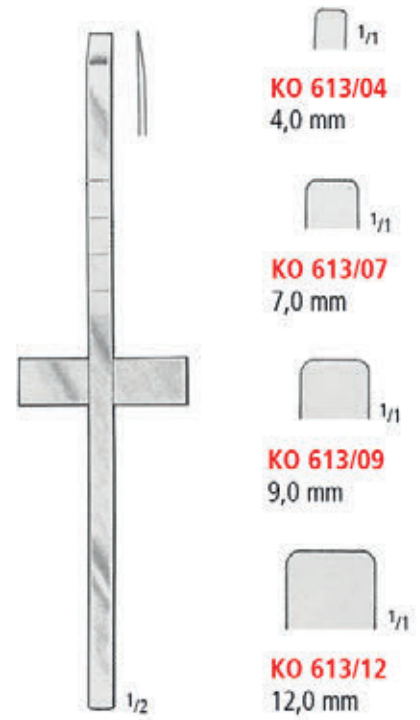


**COTTLE**  
18,0 cm/7"

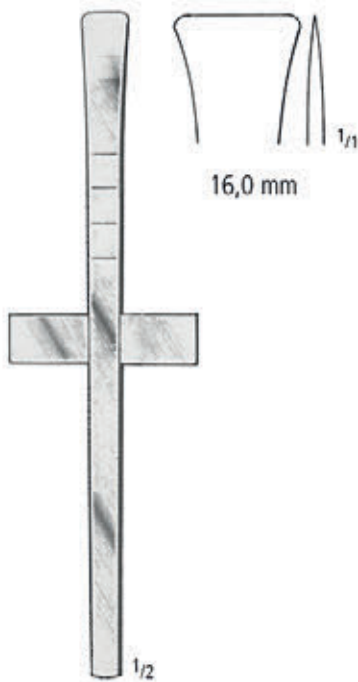


**COTTLE**  
**KO 611/06**  
18,0 cm/7"

**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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KU  
KYE  
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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

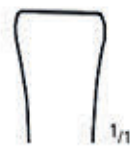


**KO 619/40**  
4,0 mm

**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"

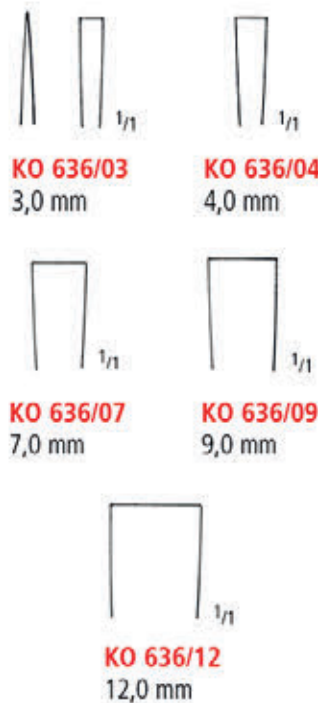
NASE RHINOLOGY RINOLOGIA RHINOLOGIE RINOLOGIA

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



**KO 636/03**  
3,0 mm

**KO 636/04**  
4,0 mm

**KO 636/07**  
7,0 mm

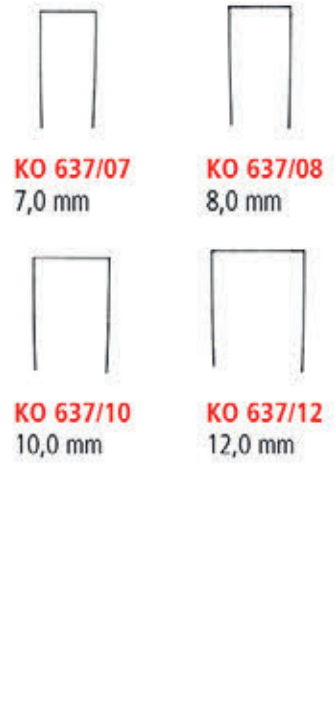
**KO 636/09**  
9,0 mm

**KO 636/12**  
12,0 mm

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



**SHEEHAN**  
17,0 cm/6 3/4"



**KO 637/07**  
7,0 mm

**KO 637/08**  
8,0 mm

**KO 637/10**  
10,0 mm

**KO 637/12**  
12,0 mm



**RUBIN**  
18,0 cm/7"



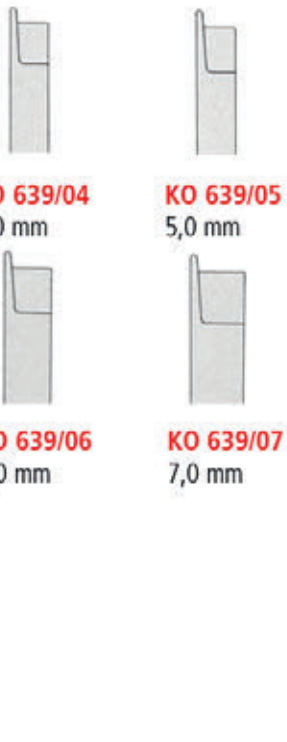
**KO 638/10**  
10,0 mm

**KO 638/12**  
12,0 mm

**KO 638/14**  
14,0 mm



**FOMON**  
17,0 cm/6 3/4"



**KO 639/04**  
4,0 mm

**KO 639/05**  
5,0 mm

**KO 639/06**  
6,0 mm

**KO 639/07**  
7,0 mm



**CINELLI**  
18,0 cm/7"



**KO 640/10**  
10,0 mm

**KO 640/12**  
12,0 mm

**KO 640/14**  
14,0 mm

**KO 640/16**  
16,0 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"



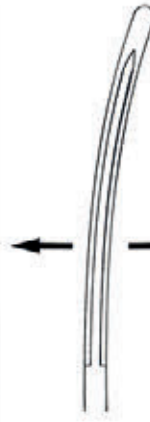
**MASING**  
**KO 643/02**  
 17,5 cm/7"



**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 646/00**  
 19,0 cm/7 1/2"



**CONVERSE**  
**KO 646/02**



**OBWEGESER**  
**KO 647/02**  
 18,5 cm/7 1/3"

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/8<sup>3</sup>/<sub>4</sub>"



**BECKMANN (NEGUS)**  
**KO 701/01-06**  
22,0 cm/8<sup>3</sup>/<sub>4</sub>"



**BARNHILL**  
**KO 702/01-04**  
22,0 cm/8<sup>3</sup>/<sub>4</sub>"



**KO 702/01**



**KO 702/02**



**KO 702/03**

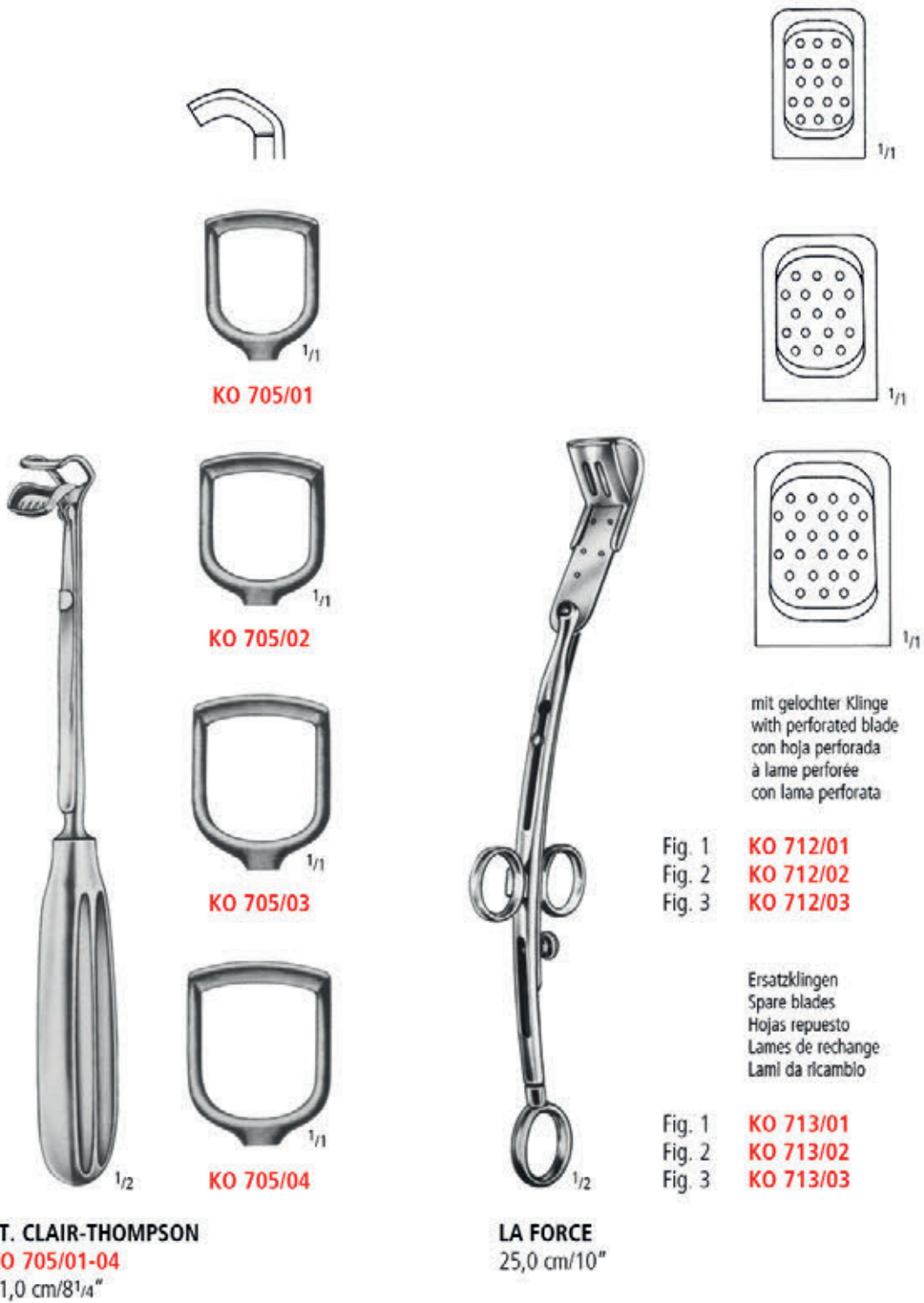


**KO 702/04**

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**KO**

Ringmesser, Tonsillotome  
 Adenoid Currettes, Adenotomes  
 Cuchillos para vegetaciones adenoides, Adenótomos  
 Couteaux à végétations adénoïdes, Adénotomes  
 Coltelli per vegetazioni adenoidee, Adenotomi



**ST. CLAIR-THOMPSON**  
**KO 705/01-04**  
 21,0 cm/8<sup>1</sup>/<sub>4</sub>"

**LA FORCE**  
 25,0 cm/10"

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  
 Pincas 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**

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 KU  
 KYE  
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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



**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

**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 pala



Ø 30,0 mm  
240 g

**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

**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 pala

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

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KO  
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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<sup>®</sup> instruments



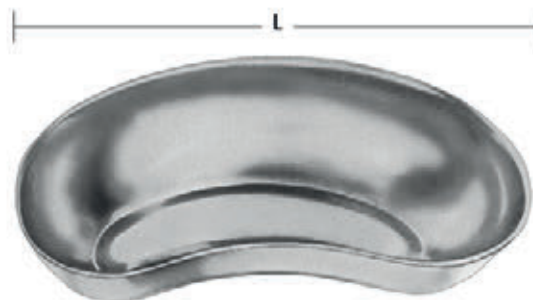


Ø x h

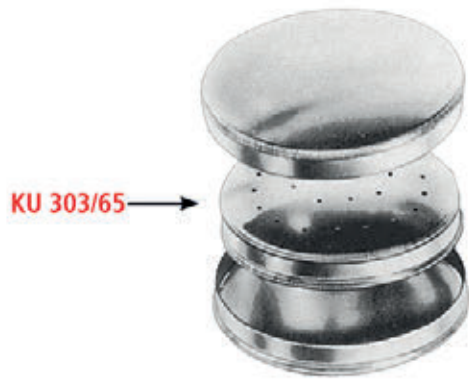
40 x 19 mm	0,05 l	<b>KU 300/04</b>
61 x 30 mm	0,07 l	<b>KU 300/06</b>
80 x 40 mm	0,14 l	<b>KU 300/08</b>
116 x 50 mm	0,35 l	<b>KU 300/11</b>
128 x 55 mm	0,45 l	<b>KU 300/12</b>
147 x 65 mm	0,70 l	<b>KU 300/14</b>



<b>KU 301/01</b>	= 0,25 l
<b>KU 301/02</b>	= 0,50 l
<b>KU 301/03</b>	= 1,00 l
<b>KU 301/04</b>	= 2,00 l



L = 170 mm	<b>KU 302/17</b>
L = 200 mm	<b>KU 302/20</b>
L = 250 mm	<b>KU 302/25</b>
L = 275 mm	<b>KU 302/27</b>



**KU 303/00**  
 $\varnothing = 65 \text{ mm}$



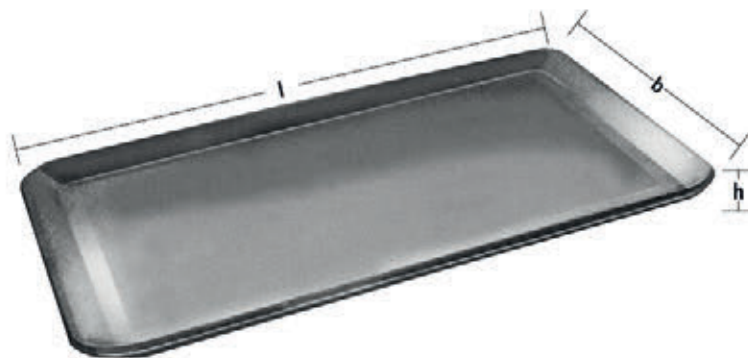
**KU 304/50** = 50 x 25 x 4,5 mm  
**KU 304/65** = 65 x 42 x 8,0 mm  
**KU 304/75** = 75 x 25 x 4,5 mm



**KU 306/15** = 150 x 95 x 13 mm



l x b x h	
230 x 155 x 30 mm	<b>KU 307/23</b>
300 x 175 x 30 mm	<b>KU 307/30</b>
300 x 175 x 40 mm	<b>KU 308/30</b>
350 x 240 x 36 mm	<b>KU 308/35</b>
400 x 300 x 50 mm	<b>KU 308/50</b>



l x b x h	
210 x 160 x 10 mm	<b>KU 309/21</b>
240 x 180 x 10 mm	<b>KU 309/24</b>
310 x 150 x 10 mm	<b>KU 309/31</b>
310 x 210 x 10 mm	<b>KU 310/31</b>
350 x 240 x 10 mm	<b>KU 310/35</b>
400 x 270 x 20 mm	<b>KU 310/40</b>
420 x 280 x 10 mm	<b>KU 310/42</b>



Ø x h	l	
165 x 60 mm	0,75	<b>KU 311/16</b>
175 x 70 mm	1,00	<b>KU 311/17</b>
220 x 80 mm	2,00	<b>KU 311/22</b>
225 x 90 mm	2,50	<b>KU 311/23</b>
240 x 110 mm	3,00	<b>KU 311/24</b>
275 x 115 mm	4,50	<b>KU 311/27</b>
290 x 125 mm	6,00	<b>KU 311/29</b>
310 x 120 mm	6,00	<b>KU 311/31</b>
345 x 125 mm	8,50	<b>KU 311/34</b>
380 x 130 mm	11,00	<b>KU 311/38</b>



l x b x h	
16,5 x 9,0 x 3,5 cm	<b>KU 312/16</b>
20,0 x 10,0 x 5,0 cm	<b>KU 312/20</b>
22,0 x 15,0 x 5,0 cm	<b>KU 312/22</b>
26,0 x 15,0 x 5,0 cm	<b>KU 312/26</b>
30,5 x 20,5 x 5,0 cm	<b>KU 312/30</b>



Ø x h	
30 x 90 mm	<b>KU 314/09</b>
50 x 100 mm	<b>KU 314/10</b>
50 x 130 mm	<b>KU 314/13</b>
50 x 175 mm	<b>KU 314/17</b>
75 x 100 mm	<b>KU 315/10</b>
75 x 130 mm	<b>KU 315/13</b>
75 x 175 mm	<b>KU 315/17</b>

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

**KU**



**MAYO**  
**KU 318/14**  
14,0 cm/5<sup>1</sup>/<sub>2</sub>"



**MAYO**  
**KU 320/14**  
14,0 cm/5<sup>1</sup>/<sub>2</sub>"



**CHEATLE**  
**KU 321/27**  
27,0 cm/10<sup>1</sup>/<sub>2</sub>"



**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**<sup>®</sup> 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

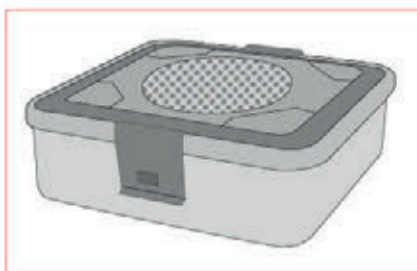


Erklärung zu unseren Symbolen • Explanation of our symbols • Explicación de nuestros símbolos  
 • Explication de nos figures • Spiegazione dei nostri simboli

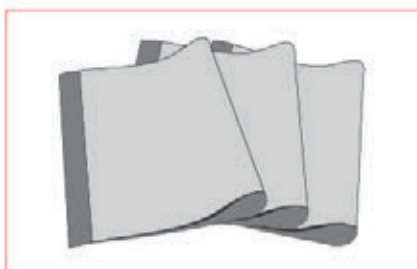
Wanne • Bottom • Fondo • Fond • Fondo



Deckel • Lid • Tapa • Couvercle • Coperchio



Zur Verwendung mit Sterilisationscontainern  
 For use with sterilization containers  
 Por uso con contenedores de esterilización  
 Pour l'usage avec des conteneurs de sterilisation  
 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**

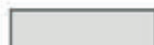


**KYE 281/05**

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 + Couverture  
 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

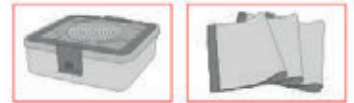


L(mm)	B(mm)	H(mm)	
285	280	100	<b>KYE 284/10</b>
285	280	135	<b>KYE 284/13</b>
285	280	150	<b>KYE 284/15</b>
285	280	200	<b>KYE 284/20</b>
285	280	260	<b>KYE 284/26</b>

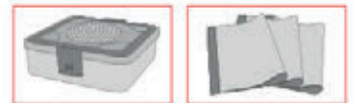
L(mm)	B(mm)	H(mm)	
285	280	100	<b>KYE 286/10</b>
285	280	135	<b>KYE 286/13</b>
285	280	150	<b>KYE 286/15</b>
285	280	200	<b>KYE 286/20</b>
285	280	260	<b>KYE 286/26</b>



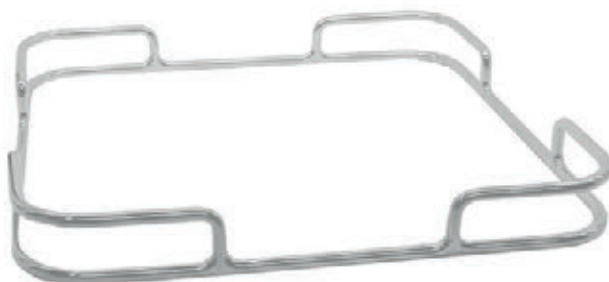
L(mm)	B(mm)	H(mm)	
255	245	30	<b>SK 105/03</b>
255	245	50	<b>SK 105/05</b>
255	245	60	<b>SK 105/06</b>
255	245	70	<b>SK 105/07</b>
255	245	100	<b>SK 105/10</b>



L(mm)	B(mm)	
255	245	<b>SK 105/50</b>



L(mm)	B(mm)	
255	255	<b>SK 105/61</b>



L(mm)	B(mm)	H(mm)	
255	255	30	<b>SK 105/62</b>





L(mm)	B(mm)	H(mm)	
255	245	130	<b>SK 105/71</b>
255	245	180	<b>SK 105/72</b>
255	245	230	<b>SK 105/73</b>



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	<b>SK 110/05</b>
255	245	60	<b>SK 110/06</b>
255	245	70	<b>SK 110/07</b>
255	245	100	<b>SK 110/10</b>



Siebdeckel  
Top for basket  
Tapa para cestilla  
Couvercle pour panier  
Coperchio per cestello



L(mm)	B(mm)	
255	245	<b>SK 110/50</b>



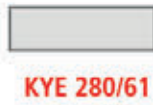
**3/4  
Container**



Deckel gelocht, allein  
Lid perforated, only  
Tapa perforada, suelta  
Couvercle poinçonné, seul  
Coperchio perforato, solo



L(mm) B(mm)  
465 280



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



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





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

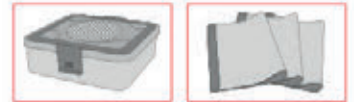


L(mm)	B(mm)	H(mm)	
465	280	100	<b>KYE 282/10</b>
465	280	135	<b>KYE 282/13</b>
465	280	150	<b>KYE 282/15</b>

L(mm)	B(mm)	H(mm)	
465	280	100	<b>KYE 283/10</b>
465	280	135	<b>KYE 283/13</b>
465	280	150	<b>KYE 283/15</b>



L(mm)	B(mm)	H(mm)	
405	255	30	<b>SK 205/03</b>
405	255	50	<b>SK 205/05</b>
405	255	60	<b>SK 205/06</b>
405	255	70	<b>SK 205/07</b>
405	255	100	<b>SK 205/10</b>



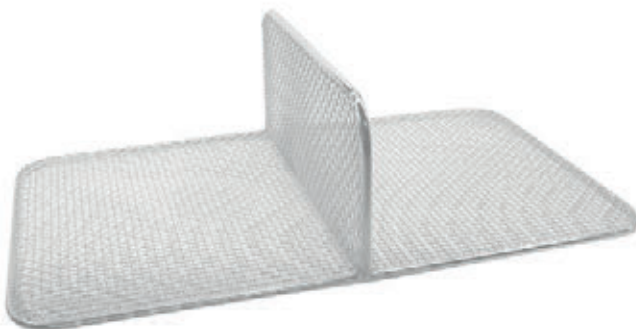
L(mm)	B(mm)	
405	255	<b>SK 205/50</b>



L(mm)	B(mm)	
405	255	<b>SK 205/61</b>

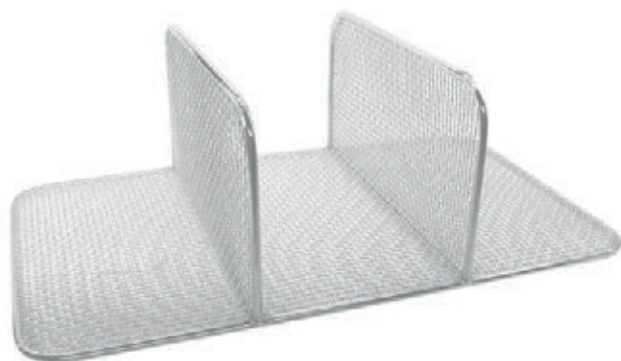


L(mm)	B(mm)	H(mm)	
405	255	30	<b>SK 205/62</b>



L(mm)	B(mm)	H(mm)	
405	250	130	<b>SK 205/71</b>





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

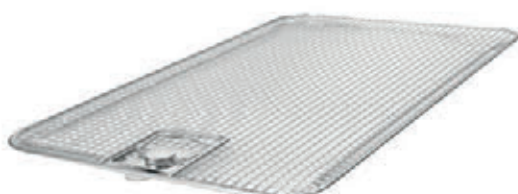


L(mm) B(mm) H(mm)

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**

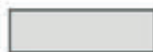


**KYE 281/55**

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 + Couverture  
 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

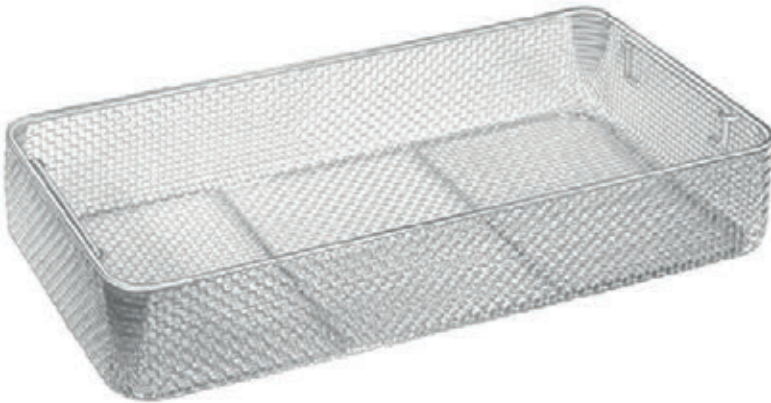


Wanne nicht gelocht, allein  
 Bottom not perforated, only  
 Fondo no perforado, suelto  
 Fond non poinçonné, seul  
 Fondo non perforato, solo

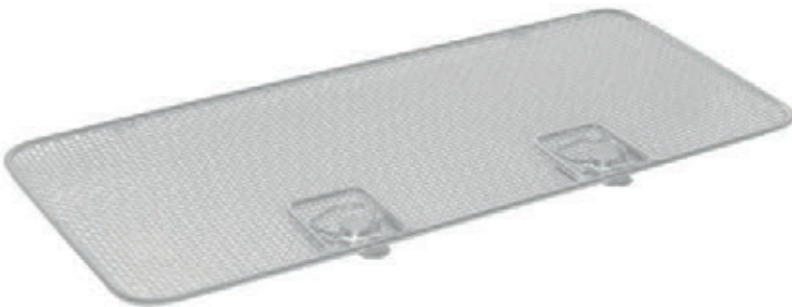


L(mm)	B(mm)	H(mm)	
580	280	100	<b>KYE 285/10</b>
580	280	135	<b>KYE 285/13</b>
580	280	150	<b>KYE 285/15</b>
580	280	200	<b>KYE 285/20</b>
580	280	260	<b>KYE 285/26</b>

L(mm)	B(mm)	H(mm)	
580	280	100	<b>KYE 287/10</b>
580	280	135	<b>KYE 287/13</b>
580	280	150	<b>KYE 287/15</b>
580	280	200	<b>KYE 287/20</b>
580	280	260	<b>KYE 287/26</b>



L(mm)	B(mm)	H(mm)	
485	255	30	<b>SK 305/03</b>
485	255	50	<b>SK 305/05</b>
485	255	60	<b>SK 305/06</b>
485	255	70	<b>SK 305/07</b>
485	255	100	<b>SK 305/10</b>
540	255	30	<b>SK 307/03</b>
540	255	50	<b>SK 307/05</b>
540	255	60	<b>SK 307/06</b>
540	255	70	<b>SK 307/07</b>
540	255	100	<b>SK 307/10</b>



L(mm)	B(mm)	
485	255	<b>SK 305/50</b>
540	255	<b>SK 307/50</b>



KYE

SK

KYE

SK

KYE

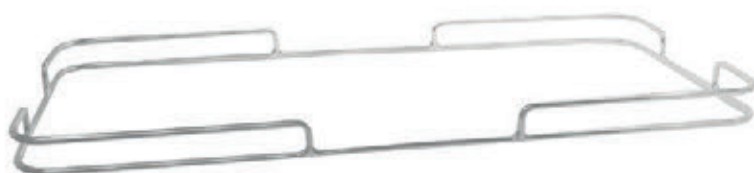
SK

SU



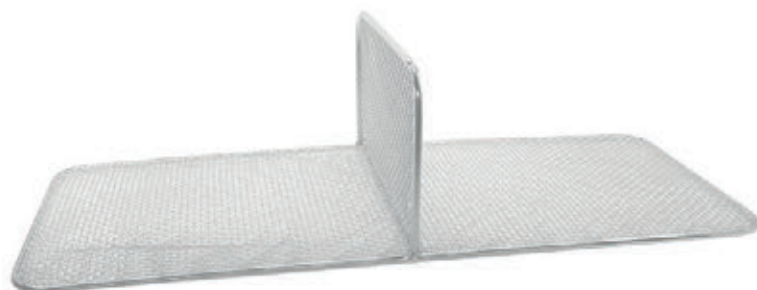
L(mm)	B(mm)
545	255

**SK 307/61**



L(mm)	B(mm)	H(mm)
545	255	30

**SK 307/62**

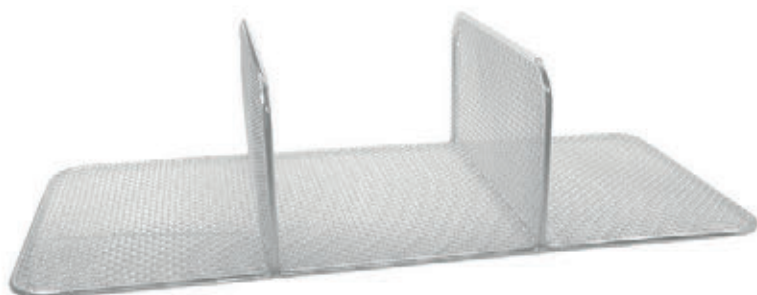


L(mm)	B(mm)	H(mm)
510	250	130
510	250	180
510	250	230

**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	<b>SK 310/05</b>
480	250	60	<b>SK 310/06</b>
480	250	70	<b>SK 310/07</b>
480	250	100	<b>SK 310/10</b>
540	250	50	<b>SK 311/05</b>
540	250	60	<b>SK 311/06</b>
540	250	70	<b>SK 311/07</b>
540	250	100	<b>SK 311/10</b>



Siebdeckel  
 Top for basket  
 Tapa para cestilla  
 Couvercle pour panier  
 Coperchio per cestello



L(mm)	B(mm)	
480	250	<b>SK 310/50</b>
540	250	<b>SK 311/50</b>





VERSCHIEDENES  
VARIOUS ITEMS  
ARTICULOS DIVERSOS  
ARTICLES DIVERS  
ARTICOLI DIVERSI

SU

nopa<sup>®</sup> instruments

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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**



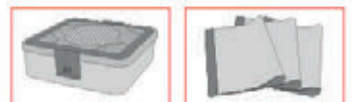
Ø(mm)

- 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	<b>SU 150/03</b>
120	250	50	<b>SU 150/05</b>
120	250	60	<b>SU 150/06</b>
120	250	70	<b>SU 150/07</b>
120	250	100	<b>SU 150/10</b>
240	250	30	<b>SU 151/03</b>
240	250	50	<b>SU 151/05</b>
240	250	60	<b>SU 151/06</b>
240	250	70	<b>SU 151/07</b>
240	250	100	<b>SU 151/10</b>
255	245	30	<b>SU 152/03</b>
255	245	50	<b>SU 152/05</b>
255	245	60	<b>SU 152/06</b>
255	245	70	<b>SU 152/07</b>
255	245	100	<b>SU 152/10</b>
405	250	30	<b>SU 153/03</b>
405	250	50	<b>SU 153/05</b>
405	250	60	<b>SU 153/06</b>
405	250	70	<b>SU 153/07</b>
405	250	100	<b>SU 153/10</b>
405	255	30	<b>SU 154/03</b>
405	255	50	<b>SU 154/05</b>
405	255	60	<b>SU 154/06</b>
405	255	70	<b>SU 154/07</b>
405	255	100	<b>SU 154/10</b>
480	250	30	<b>SU 155/03</b>
480	250	50	<b>SU 155/05</b>
480	250	60	<b>SU 155/06</b>
480	250	70	<b>SU 155/07</b>
480	250	100	<b>SU 155/10</b>
485	255	30	<b>SU 156/03</b>
485	255	50	<b>SU 156/05</b>
485	255	60	<b>SU 156/06</b>
485	255	70	<b>SU 156/07</b>
485	255	100	<b>SU 156/10</b>

L(mm)	B(mm)	H(mm)	
480	360	30	<b>SU 157/03</b>
480	360	50	<b>SU 157/05</b>
480	360	60	<b>SU 157/06</b>
480	360	70	<b>SU 157/07</b>
480	360	100	<b>SU 157/10</b>
480	480	30	<b>SU 158/03</b>
480	480	50	<b>SU 158/05</b>
480	480	60	<b>SU 158/06</b>
480	480	70	<b>SU 158/07</b>
480	480	100	<b>SU 158/10</b>
515	245	30	<b>SU 159/03</b>
515	245	50	<b>SU 159/05</b>
515	245	60	<b>SU 159/06</b>
515	245	70	<b>SU 159/07</b>
515	245	100	<b>SU 159/10</b>
540	250	30	<b>SU 160/03</b>
540	250	50	<b>SU 160/05</b>
540	250	60	<b>SU 160/06</b>
540	250	70	<b>SU 160/07</b>
540	250	100	<b>SU 160/10</b>



L(mm)	B(mm)	
120	250	<b>SU 150/20</b>
240	250	<b>SU 151/20</b>
255	245	<b>SU 152/20</b>
405	250	<b>SU 153/20</b>
405	255	<b>SU 154/20</b>
480	250	<b>SU 155/20</b>
485	255	<b>SU 156/20</b>
480	360	<b>SU 157/20</b>
480	480	<b>SU 158/20</b>
515	245	<b>SU 159/20</b>
540	250	<b>SU 160/20</b>





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	<b>SU 515/18</b>	
290	80	52	<b>SU 515/29</b>	<b>SU 516/29</b>
460	80	52	<b>SU 515/46</b>	<b>SU 516/46</b>
600	80	52	<b>SU 515/60</b>	
640	150	77	<b>SU 515/64</b>	
670	80	52	<b>SU 515/67</b>	
700	80	52	<b>SU 515/70</b>	



Mit Silikonfixierungen  
with silicon fixations

KYE

SK

KYE

SK

KYE

SK

SU



L(mm)	B(mm)	H(mm)	
290	160	52	<b>SU 520/05</b>
310	150	77	<b>SU 520/10</b>
460	160	52	<b>SU 520/20</b>
460	225	52	<b>SU 520/30</b>
580	160	52	<b>SU 520/40</b>





ENDOSKOPIE  
ENDOSCOPY  
ENDOSCOPIA  
ENDOSCOPIE  
ENDOSCOPIA

X

nopa<sup>®</sup> 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“.



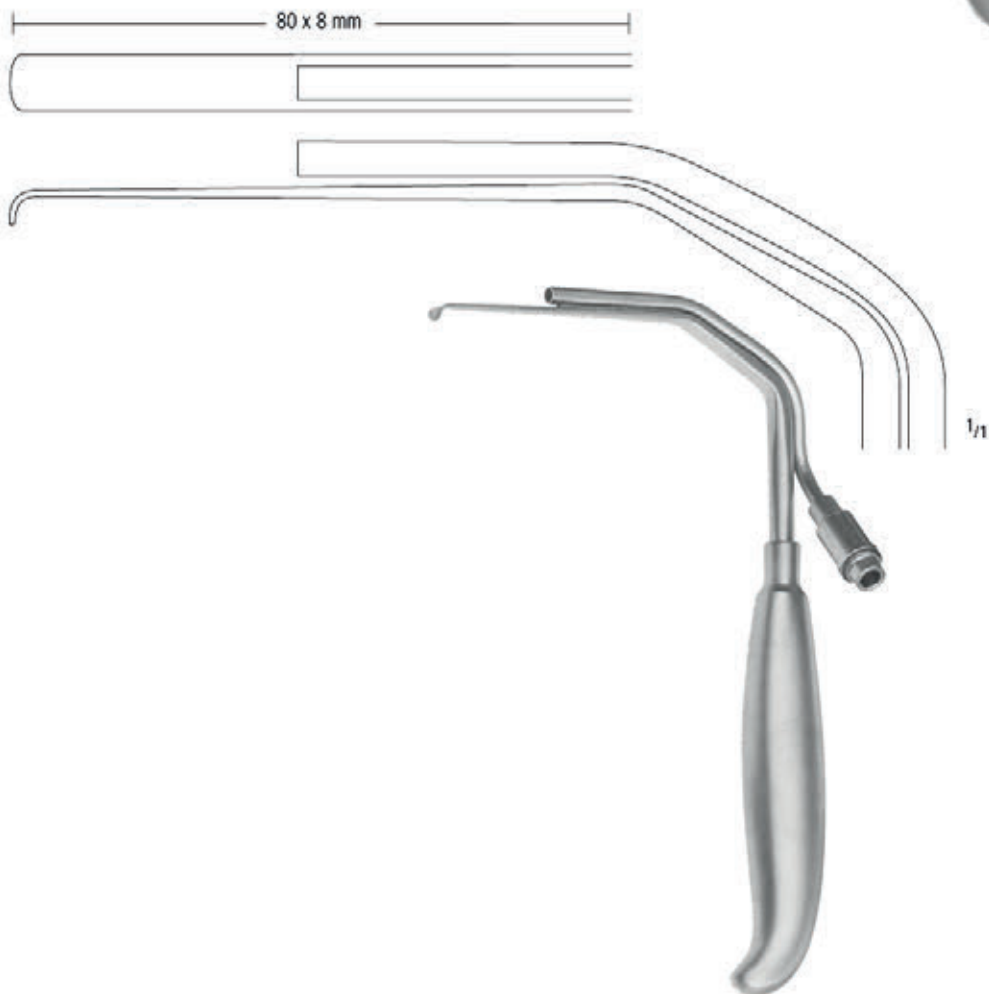


>> Trokarhülsen und Trokare >> Trocar Sleeves and Trocars >> Camisa para trocares y trocares >> Trocards à manche et trocards >> Manicotti tre quarti e tre quarti	393	<b>XK</b>
>> Easy Clean	394-399	<b>XM</b>
>> Sinuskopie, Otoskopie >> Sinuscopy, otoscopy >> Senoscopia, otoscopia >> Sinuscopie, otoscopie >> Sinuscopia, otoscopia	400-402	<b>XP</b>
>> Flexibles Nasopharyngoskop >> Flexible Nasopharyngoscope >> Nasopharyngoscopio flexible >> Nasopharyngoscope flexible >> Nasopharyngoscopio flessibile	403	<b>XQ</b>
>> HF-Instrumente und Zubehör >> HF-Instruments and accessories >> AF-instrumentos y accesorios >> HF-instruments et accessoires >> AF-strumenti ed accessori	404-411	<b>XR</b>
>> 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	<b>XT</b>

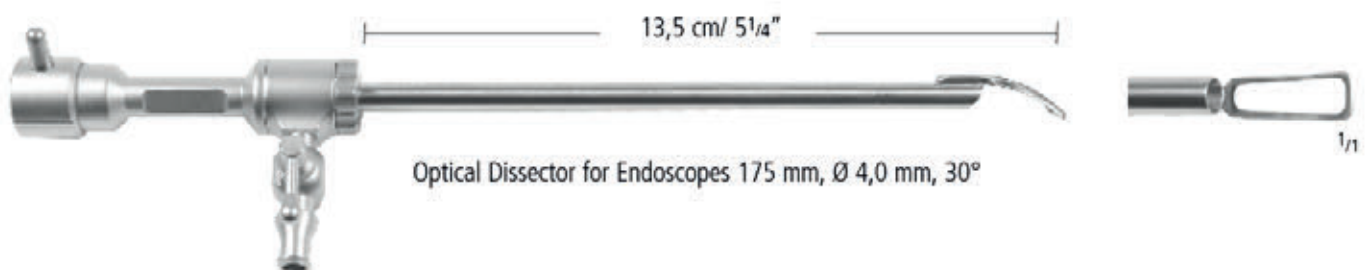
Wundhaken mit Kaltlichtbeleuchtung  
 Retractor with fibreoptic illumination  
 Retractor con iluminación de fibra óptica  
 Rétracteur avec illumination par fibre optique  
 Divaricatore con illuminazione a fibre ottiche



**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 tre quarti e tre quarti

XK

XM

XP

XQ

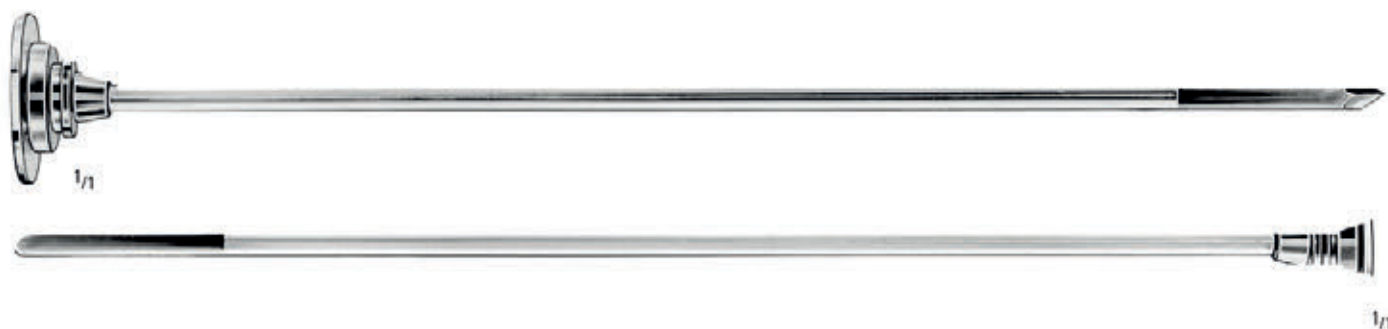
XR

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<sup>®</sup>



**XM 010/00**

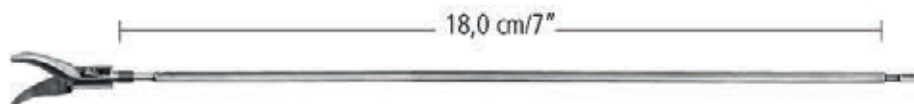


**XM 014/00**



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<sup>®</sup>

XK

**XM**

XP

XQ

XR

XT

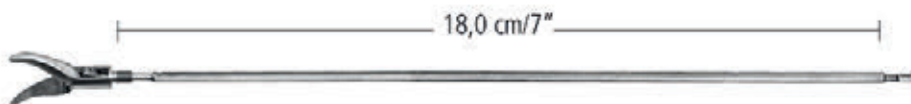


**XM 016/00**



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<sup>®</sup>



	<sup>1</sup> / <sub>1</sub>	Ø 5,0 mm	18,0 cm/7" <b>XM 104/18</b>
STANZE PUNCH			
	<sup>1</sup> / <sub>1</sub>	Ø 5,0 mm	<b>XM 108/18</b>
HAKENSTANZE HOOK PUNCH			
	<sup>1</sup> / <sub>1</sub>	Ø 5,0 mm	<b>XM 130/18</b>
MICROSCHERE MICRO SCISSORS			
	<sup>1</sup> / <sub>1</sub>	Ø 5,0 mm	<b>XM 131/18</b>
MICROSCHERE GEBOGEN MICRO SCISSORS CURVED			
	<sup>1</sup> / <sub>1</sub>	Ø 5,0 mm	<b>XM 134/18</b>
HAKENSCHERE HOOK SCISSORS			
	<sup>1</sup> / <sub>1</sub>	Ø 5,0 mm	<b>XM 138/18</b>
METZENBAUM SCHERE METZENBAUM SCISSORS			
	<sup>1</sup> / <sub>1</sub>	Ø 5,0 mm	<b>XM 139/18</b>
METZENBAUM SCHERE GEBOGEN METZENBAUM SCISSORS CURVED			



Stumpfe Präparation, Fasszangen  
Blunt Dissection, grasping forceps  
Dissección roma, pinzas de aprehensión  
Dissection émoussée, pinces à préhension  
Dissezione smusse, pinze da presa

easyClean<sup>®</sup>



1/1 Ø 5,0 mm

18,0 cm/7"

**XM 160/18**



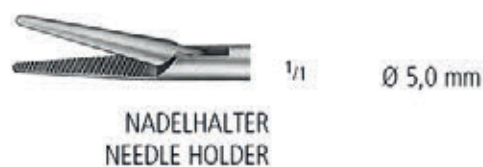
1/1 Ø 5,0 mm

**XM 168/18**



1/1 Ø 5,0 mm

**XM 170/18**



1/1 Ø 5,0 mm

**XM 172/18**



1/1 Ø 5,0 mm

**XM 202/18**



1/1 Ø 5,0 mm

**XM 208/18**

XX

XM

XP

XQ







XR

XT

Fasszangen  
Grasping Forceps  
Pinzas de aprehensión  
Pinces à préhension  
Pinze da presa

easyClean<sup>®</sup>



	1/1	Ø 5,0 mm		18,0 cm/7"	<b>XM 212/18</b>
SCHARFER ATRAUMATISCHER GREIFER SHARP ATRAUMATIC GRASPER					
	1/1	Ø 5,0 mm			<b>XM 214/18</b>
GEZAHNTER GREIFER KOBRA TOOTHED GRASPER COBRA					
	1/1	Ø 5,0 mm			<b>XM 216/18</b>
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		<b>XM 220/18</b> <b>XM 221/18</b> <b>XM 222/18</b>
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		<b>XM 228/18</b> <b>XM 229/18</b> <b>XM 230/18</b>
GLASSMAN					
	1/1	Ø 5,0 mm			<b>XM 236/18</b>
ALLIS					

Fasszangen  
Grasping Forceps  
Pinzas de aprehensión  
Pincas à préhension  
Pinze da presa

# easyClean<sup>®</sup>



**BABCOCK**

1/1

Ø 5,0 mm

18,0 cm/7"

**XM 245/18**



**KRALLENGREIFER  
CLAW FORCEPS**

1/1

Ø 5,0 mm

**XM 254/18**



**McKERNAN**

1/1

Ø 5,0 mm

**XM 258/18**



**HUNTER**

1/1

Ø 5,0 mm

**XM 260/18**

XX

XM

XP

XQ

XR

XT

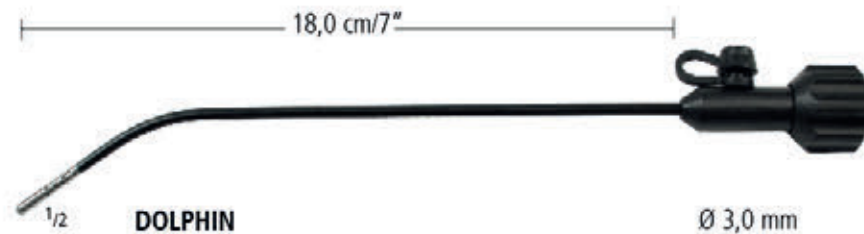
Scharfe Präparation, Faszangen  
 Sharp dissection, Grasping Forceps  
 Disección en punta, Pinzas de aprehensión  
 Dissection tranchant, Pinces à préhension  
 Dissezione tagliente, Pinze da presa



<sup>1/2</sup> METZENBAUM SCHERE GEBOGEN  
 METZENBAUM SCISSORS CURVED

Ø 3,0 mm

**XM 295/18**



<sup>1/2</sup> **DOLPHIN**

Ø 3,0 mm

**XM 296/18**



>> 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  
Otoscopia  
Otoscopie  
Otoscopia



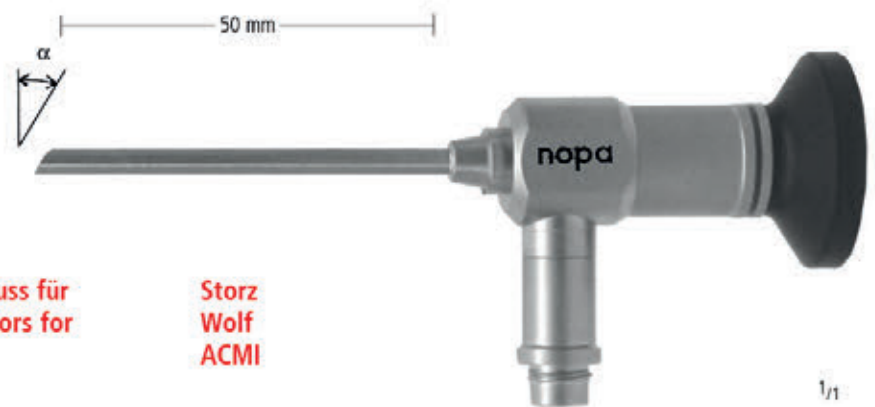
>> autoklavierbar  
autoclavable

>> 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 704/30	XP 704/33	XP 704/37



>> autoklavierbar  
autoclavable

>> mit Anschluss für  
with adaptors for

Storz  
Wolf  
ACMI

1/1

	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

## 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

 $\frac{1}{2}$ 

**ERBE**  
**XR 800/01**

 $\frac{1}{2}$ 

**MARTIN/BERCHTOLD**  
**XR 800/05**

 $\frac{1}{2}$ 

**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/IC)

**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

XT  
 XR  
 XQ  
 XP  
 XM  
 XK

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

XK

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

A=2,0 mm

C=1,0 mm



D=0,5 mm

E=Nadel

F=Profil



11,0 cm/4 1/3"	<b>XR 898/11D</b>	<b>XR 899/11D</b>
11,0 cm/4 1/3"	<b>XR 898/11E</b>	<b>XR 899/11E</b>

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 Kaltlicht-  
grundkabel 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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