
thorax, herz, gefäße
cardiovascular
cardiovascular
cardiovasculaire
cardiovascolare

nopa[®] instruments



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>> Unser Lieferprogramm

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

>> Our product range

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

**>> Nuestro gama
de productos**

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

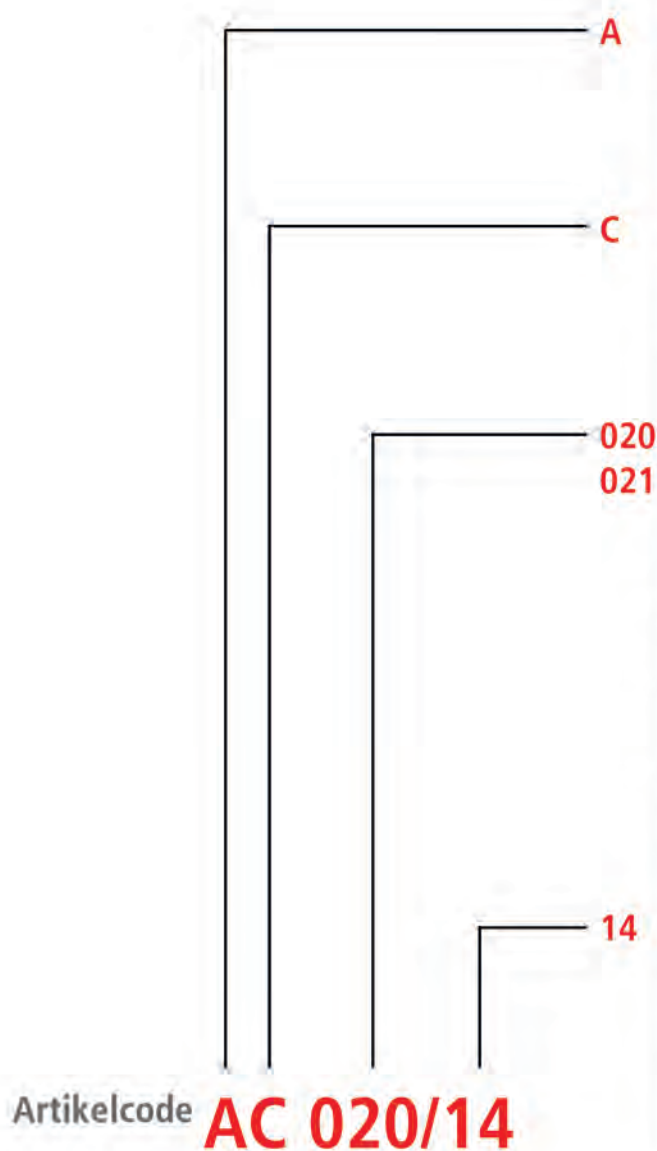
>> Notre gamme

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

**>> Nostro programma
di produzione**

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



**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

thorax, herz, gefäße

cardiovascular

cardiovascular
cardiovasculaire
cardiovascolare



nopa[®] instruments



>> Cardiovascular • Cardiovascular • Cardiovascular • Cardiovasculaire • Cardiovascolare 9–18

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>> Thorakotomie • Thoracotomy • Thoracotomía • Thoracotomie • Thoracotomia 25–30

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Pontage aorto-coronarien • Bypass aorto-coronarico 31–34

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>> Pinzetten • Forceps • Pinzas • Pinces • Pinze	69-88	AB
>> Scheren • Scissors • Tijeras • Ciseaux • Forbici	89-128	AC
>> Skalpelle • Scalpels • Bisturies • Bistouris • Bisturi	129-134	AD
>> Naht • Suture • Sutura • Suture • Sutura	135-162	AE
>> Tupferzangen • Sponges Forceps • Pinzas para pólipos Pinces à pansements • Pinze per polipi	163-170	AF
>> Wundhaken • Retractors • Separadores • Ecarteurs • Divaricatori	171-198	AK
>> Gefäßinstrumente und Sonden • Vessel instruments and probes • Instrumental vascular y sondas Instruments vaisseaux et sondes • Strumenti vascolari e sonda	199-210	AL
>> Saugrohre und Kanülen • Suction tubes and cannulae • Tubos de aspiración y canulas Tubes d'aspiration et canules • Tubi d'aspirazione e cannule	211-216	AO
>> Knocheninstrumente • Bone instruments • Instrumentos para huesos Instruments des os • Strumenti per ossa	217-232	KA
>> Herz/Thorax • Cardiovascular • Cardiovascular • Cardiovasculaire • Cardiovascolare	233-300	KK
>> Endoskopie • Endoscopy • Endoscopia • Endoscopie • Endoscopia	301-344	X



KYE

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- >> Nous vous prions de demander notre catalogue spécial des conteneurs de stérilisation.
- >> Chieda prego il nostro catalogo per contenitori di sterilizzazione.

CARDIOVASCULAR BASIC
CARDIOVASCULAR BASIC
CARDIOVASCULAR BASIC
CARDIOVASCULAIRE BASIC
CARDIOVASCOLARE BASIC

SET

ZS 941/10

Siebvorschlag - Suggested instrument set



ZS 941/10

Contents:

Qty

AA 150/12	HALSTED-MOSQUITO FCPS. STR. 12.5 CM	1
AA 151/12	HALSTED-MOSQUITO FCPS. CVD. 12.5 CM	6
AA 180/14	CRILE FORCEPS STR. 14.0 CM	2
AA 181/14	CRILE FORCEPS CVD. 14.0 CM	12
AA 201/20	ROCHESTER-PEAN FCPS. CVD. 20.0 CM	1
AA 210/16	OCHSNER-KOCHER ART. FCPS. STR. 16.0 CM	10
AA 239/18	ADSON FORCEPS CVD. 18.5 CM	3
AA 300/16	ROCHESTER-CARMALT FCPS. STR. 16.0 CM	10
AA 320/02	HEISS FORCEPS SLIGHTLY CVD. 20.0 CM	10
AA 330/24	CRAFOORD ARTERY FORCEPS CVD. 24.0 CM	3
AA 345/19	MIXTER FORCEPS CVD. 19.0 CM	6
AA 751/08	BACKHAUS TOWEL FORCEPS 8.0 CM	6
AA 751/13	BACKHAUS TOWEL FORCEPS 13.0 CM	6
AB 060/14	STANDARD TISSUE FCPS. 1X2 T. STR. 14.5 CM	2
AB 100/12	ADSON DRESSING FORCEPS 12.0 CM	1
AB 117/09	ADSON-BROWN TISS. FCPS. CVD. 9X9 T. 12.0 CM	2
AB 200/18	POTTS-SMITH DRESSING FORCEPS STR. 18.0 CM	3
AB 480/15	RUSS.MODEL TISSUE FCPS. 15.0 CM	2
AB 480/20	RUSS.MODEL TISSUE FCPS. 20.0 CM	2
AB 862/20	DE BAKEY ATRAUMA FCPS. STR. 2.0 MM 20.0 CM	4
AB 862/24	DE BAKEY FCPS. STR. 2.0 MM 24.0 CM	2
AC 072/17	MAYO-STILLE OPER. SCS. STR. BL/BL 17.0 CM	2
AC 073/17	MAYO-STILLE OPER. SCS. CVD. BL/BL 17.0 CM	2
AC 087/18	KELLY FISTULA SCISSORS CURVED 18.0 CM	1
AC 111/18	METZENBAUM-NELSON SCS. CVD. BL/BL 18.0 CM	1
AC 111/20	METZENBAUM-NELSON SCS. CVD. BL/BL 20.0 CM	1
AC 219/25	POTTS-SMITH ART. SCS. 25° DEGREE 19.0 CM	1
AC 219/45	POTTS-SMITH ART. SCS. 45° DEGREE 19.0 CM	1
AC 941/20	METZENBAUM SCS. TUC CVD. BL/BL 20.0 CM	1
AC 987/12	UNIVERSAL WIRE SHEARS TUC 12.0 CM	2
AD 010/03	SCALPEL HANDLE NO.3	6
AD 020/13	SCALPEL HANDLE NO.3 L	6
AE 100/16	MAYO-HEGAR NEEDLE HOLDER 16.0 CM	3
AE 100/18	MAYO-HEGAR NEEDLE HOLDER 18.0 CM	5
AE 100/20	MAYO-HEGAR NEEDLE HOLDER 20.0 CM	3
AF 200/25	FOERSTER-BALLENGER STR. SERRATED 25.0 CM	8
AK 036/01	CUSHING DELICATE HOOK FIG.1, 19.0 CM	2
AK 102/10	CUSHING RETRACTOR 10.0 MM 24.0 CM	2
AK 122/16	SENN-MILLER RETRACTOR SHARP 16.0 CM	4
AK 150/04	VOLKMANN RETR. SHARP 4 PRONGS 21.5 CM	4
AK 245/17	MIDDELDORPF RETRACTOR 14X17 MM 21.5 CM	2
AK 247/01	RICHARDSON RETRACTOR 28X20 MM 24.0 CM	2
AK 247/02	RICHARDSON RETRACTOR 36X28 MM 24.0 CM	2
AK 247/03	RICHARDSON RETRACTOR 44X38 MM 24.0 CM	2
AK 247/04	RICHARDSON RETRACTOR 52X22 MM 24.0 CM	2
AK 300/04	DEAVER RETRACTOR WIDTH 25.0 MM 30.0 CM	2
AK 300/08	DEAVER RETRACTOR WIDTH 50.0 MM 30.0 CM	1
AK 300/09	DEAVER RETRACTOR WIDTH 75.0 MM 30.0 CM	2
AK 374/00	PARKER RETRACTOR SET LARGE FIG.1+2	1
AK 384/00	PARKER-LANGENBECK US-ARMY SET FIG.1+2	1
AK 520/13	WEITLANER RETRACTOR SHARP 13.0 CM	2
AK 580/19	GELPI RETRACTOR 19.0 CM	2
AK 804/30	ABDOMINAL SPATULA 33.0 CM	1
AK 804/40	ABDOMINAL SPATULA 33.0 CM	1
AK 804/50	ABDOMINAL SPATULA 33.0 CM	1

ZS 941/10

Contents:

Qty

AO 400/00	YANKAUER SUCTION TUBE COMPLETE
AO 404/00	WALTON-YANKAUER SUCTION TUBE
AO 421/22	POOLE SUCTION TUBE CURVED 8.0 MM 22.0 CM
AO 430/10	FRAZIER BRAIN SUCTION TUBE CHARR. 10/17 CM
KA 520/40	WILLIGER MALLETS 400G 30.0 MM DIAM.
KD 055/15	ALLIS FCPS. 5x6T 15.0 CM
KD 055/19	ALLIS TISSUE FCPS. 5X6T 19.0 CM
KD 060/15	ALLIS-ADAIR TIS. SEIZ. FCPS. 10X11 15.0 CM
KD 111/16	BABCOCK INT. TISSUE FCPS. 16.0 CM
KK 040/25	LEBSCHKE CHISEL 25.0 CM
SK 307/07	WIRE BASKET, 540X255X70 MM

2
2
1
1
1
6
3
4
4
1
2

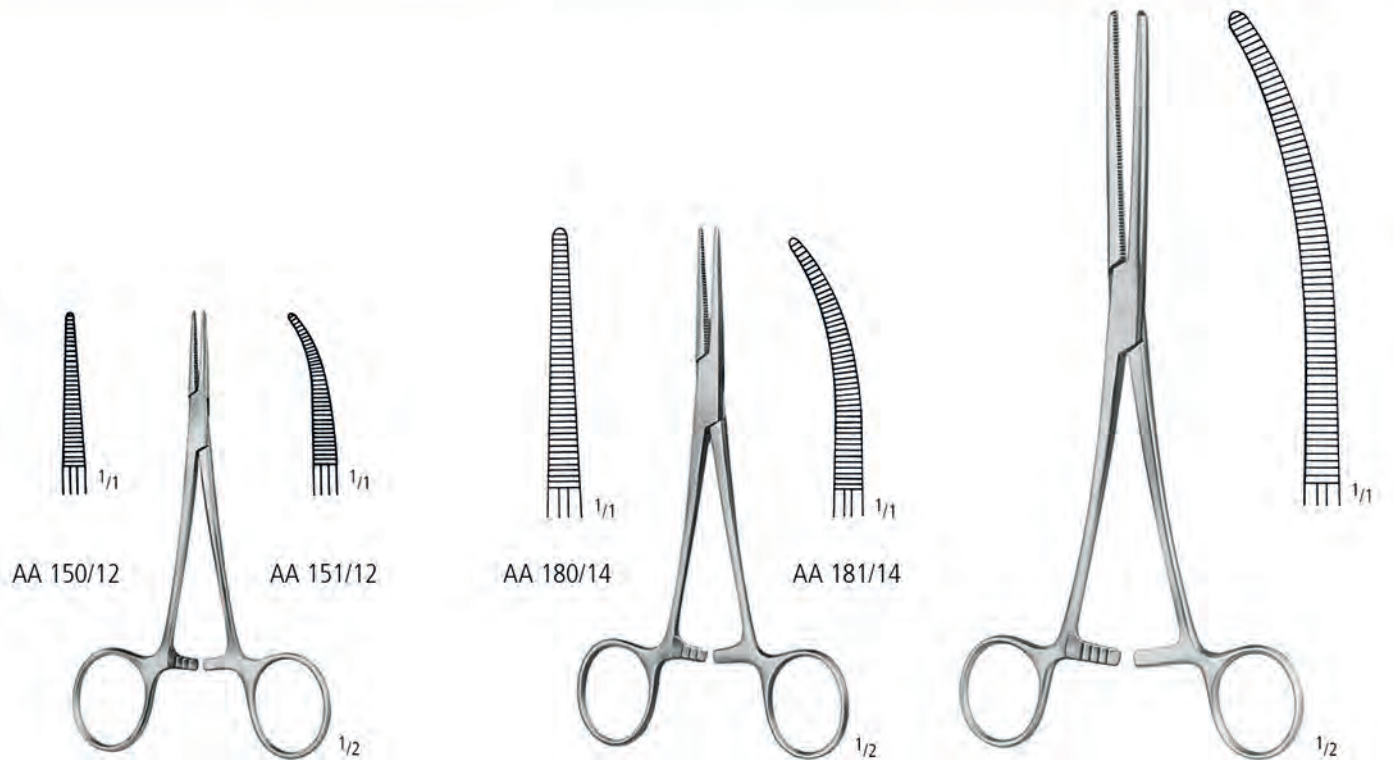
Sterilization Container KYE 200/71, if required.

cardiovascular basic

cardiovascular

cardiovascular

cardiovascular



HALSTED-MOSQUITO
12,5 cm/5"

CRILE
14,0 cm/5 1/2"

ROCHESTER-PEAN
AA 201/20
20,0 cm/8"

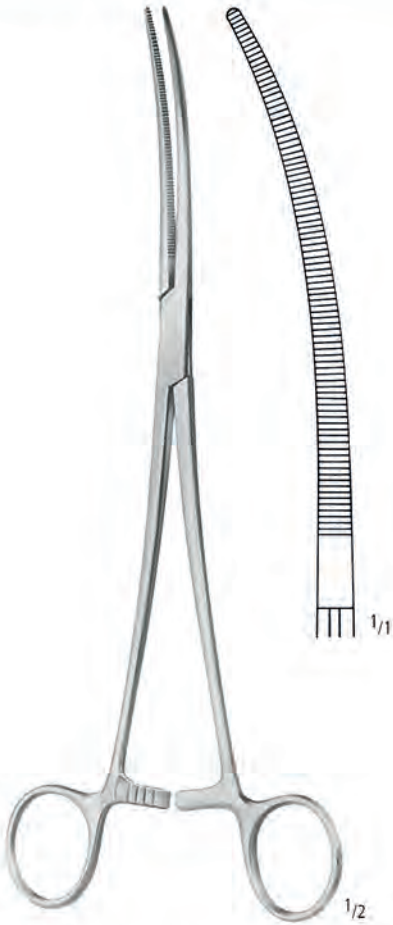


OCHSNER-KOCHER 1:2
AA 210/16
16,0 cm/6 1/4"

ADSON
AA 239/18
18,5 cm/7 1/3"

ROCHESTER-CARMALT
AA 300/16
16,0 cm/6 1/4"

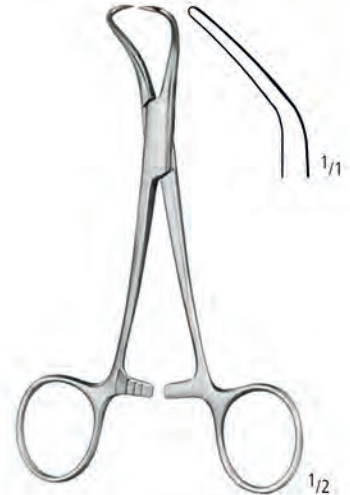
HEISS
AA 320/02
20,0 cm/8"



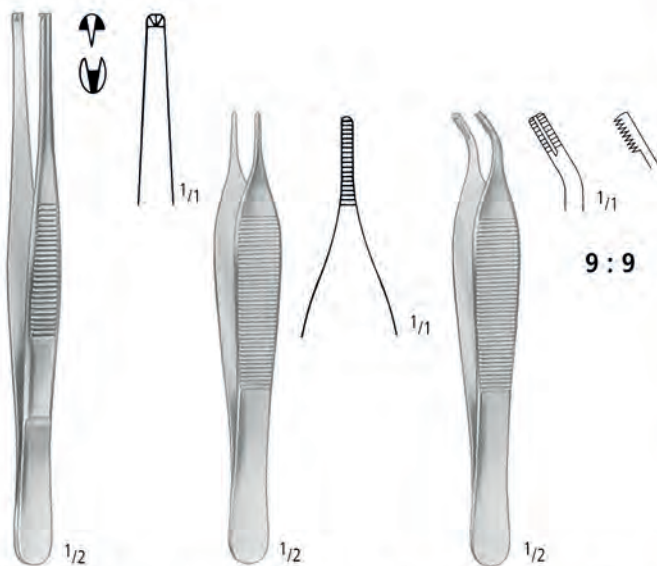
CRAFOORD
AA 330/24
24,0 cm/9 1/2"



MIXTER
AA 345/19
19,0 cm/7 1/2"



BACKHAUS
8,0 cm/3" AA 751/08
13,0 cm/5" AA 751/13



STANDARD 1:2
AB 060/14
14,5 cm/5 3/4"

ADSON
AB 100/12
12,0 cm/4 3/4"

ADSON-BROWN
AB 117/09
12,0 cm/4 3/4"



POTTS-SMITH
AB 200/18
18,0 cm/7"

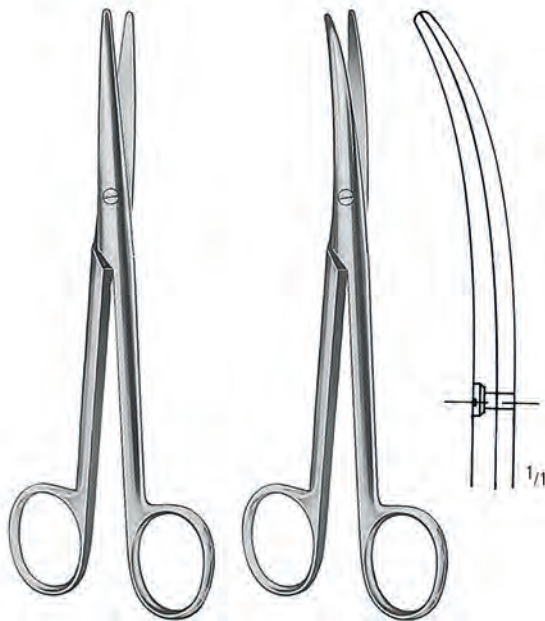


RUSS. MODELL
15,0 cm/6" AB 480/15
20,0 cm/8" AB 480/20

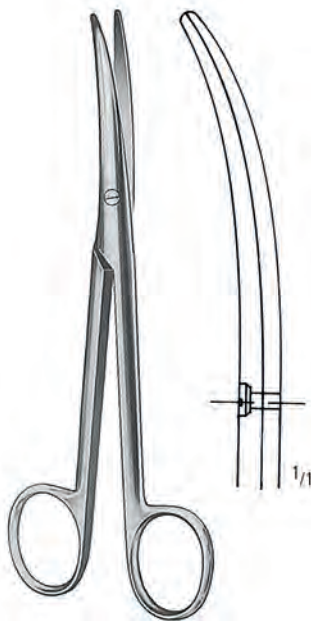


DE BAKAY
20,0 cm/8" AB 862/20
24,0 cm/9 1/2" AB 862/24

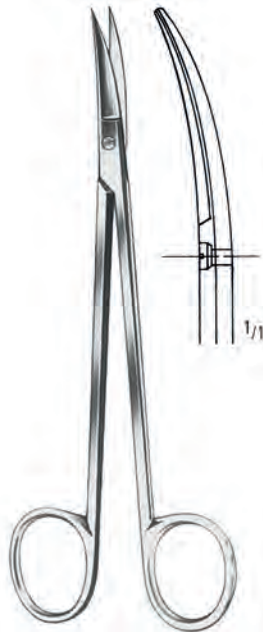
Fistelscheren
Fistula Scissors
Tijeras para fistulas
Ciseaux pour fistules
Forbici per fistole



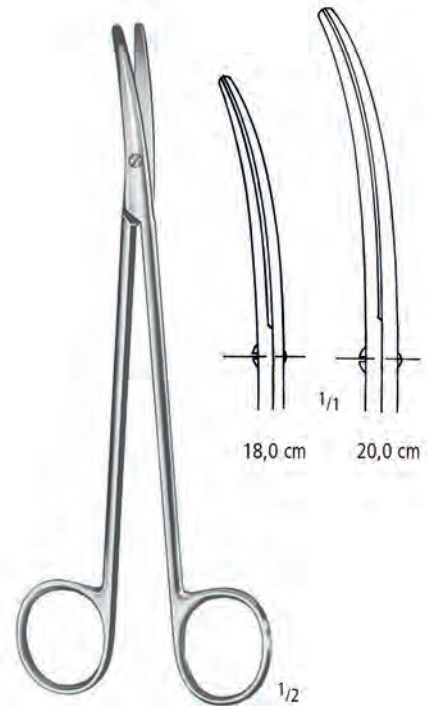
MAYO-STILLE
AC 072/17
17,0 cm/6 1/4"



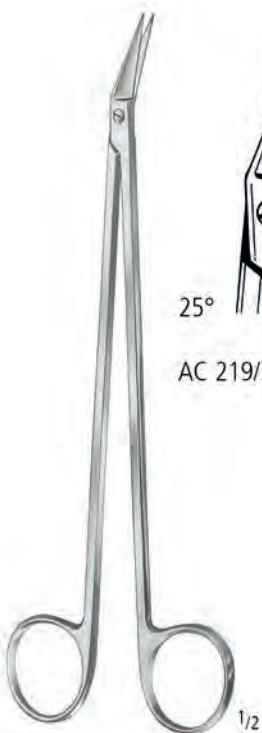
MAYO-STILLE
AC 073/17
17,0 cm/6 1/4"



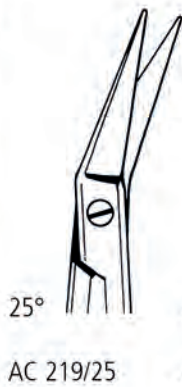
KELLY
AC 087/18
18,0 cm/7"



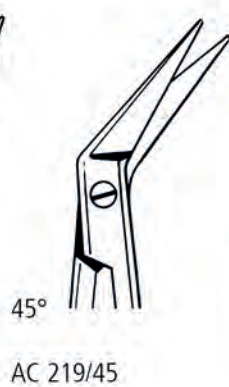
METZENBAUM-NELSON
18,0 cm/7" AC 111/18
20,0 cm/8" AC 111/20



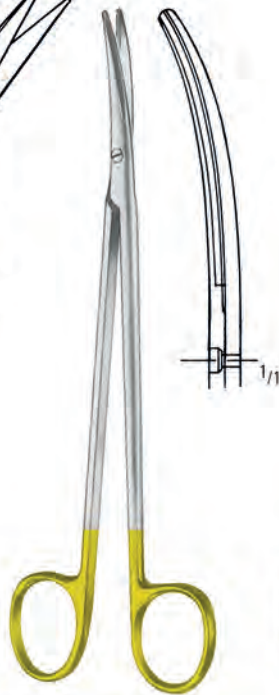
POTTS-SMITH
19,0 cm/7 1/2"



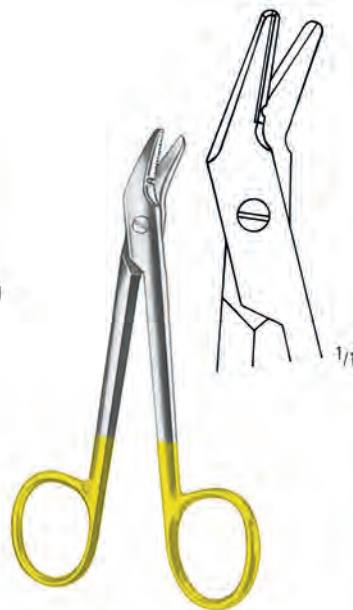
AC 219/25



AC 219/45



METZENBAUM
AC 941/20 SC
20,0 cm/8"

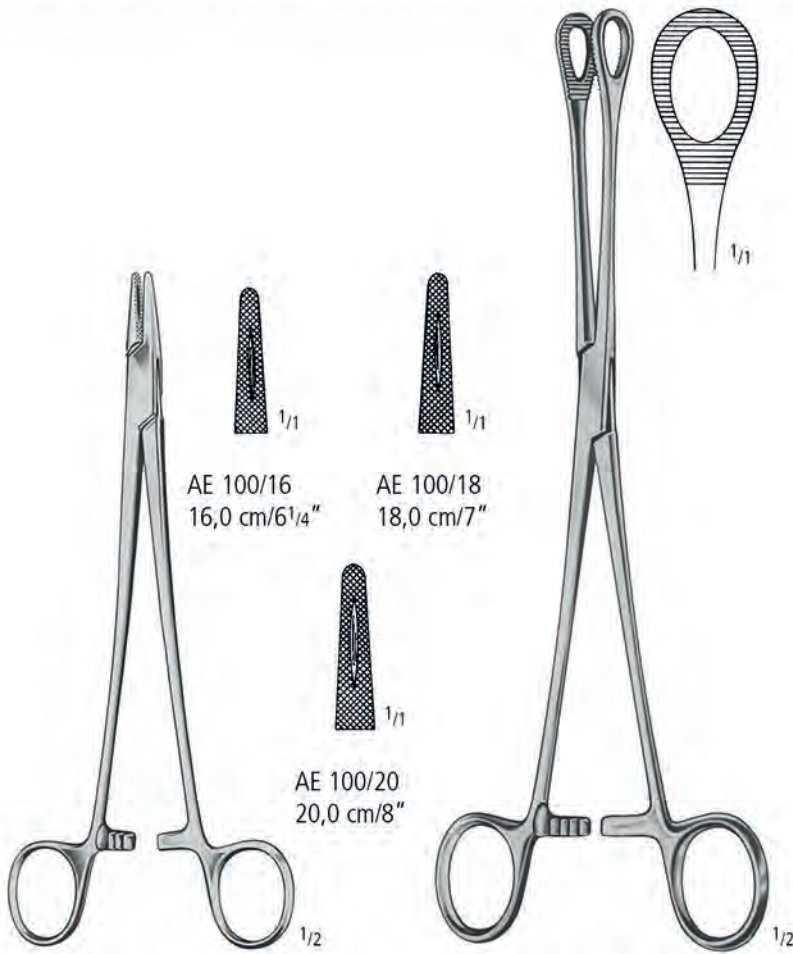


UNIVERSAL
AC 987/12
12,0 cm/4 3/4"



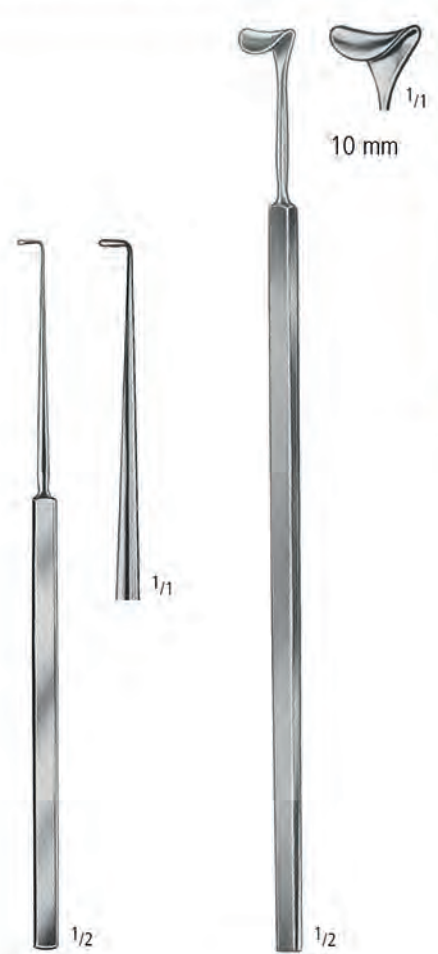
AD 010/03
No. 3

AD 020/13
No. 3L



MAYO-HEGAR

FOERSTER-BALLENGER



CUSHING

CUSHING



SENN-MILLER

VOLKMANN

MIDDELDORPF

RICHARDSON (KELLY)

AK 122/16
16,0 cm/6 1/4"

AK 150/04
21,5 cm/8 1/2"

AK 245/17
21,5 cm/8 1/2"

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



25 mm

DEAVER
AK 300/04
30,0 cm/12"



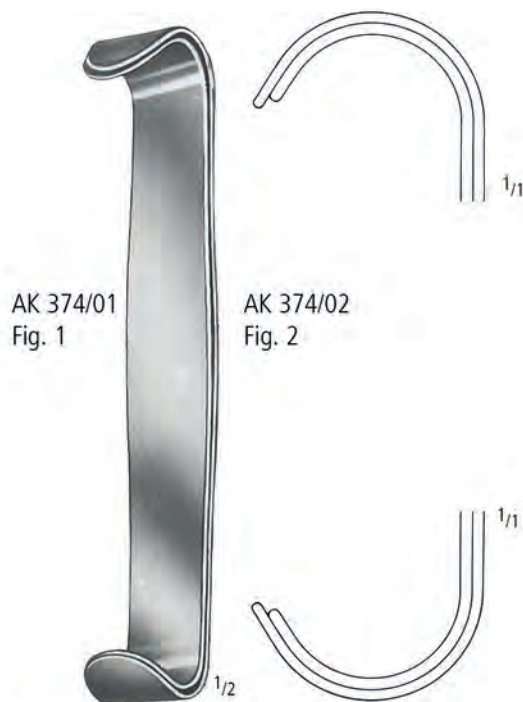
50 mm

DEAVER
AK 300/08
30,0 cm/12"



75 mm

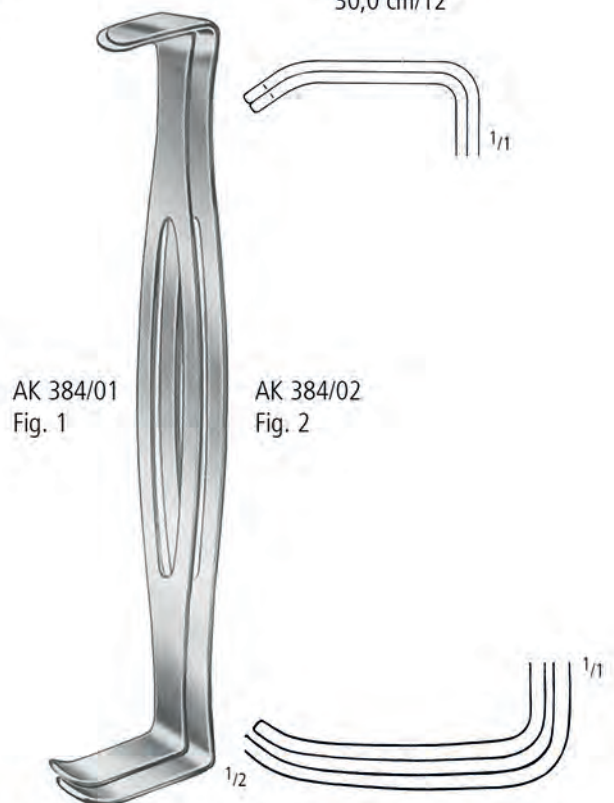
DEAVER
AK 300/09
30,0 cm/12"



AK 374/01
Fig. 1

AK 374/02
Fig. 2

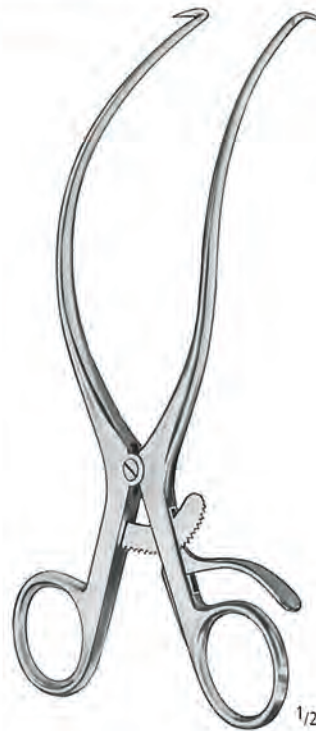
PARKER
AK 374/00 Fig. 1+2
18,0 cm/7"



AK 384/01
Fig. 1

AK 384/02
Fig. 2

PARKER-LANGENBECK (U.S. Army)
AK 384/00 Fig. 1+2
21,0 cm/8 1/4"



30 mm AK 804/30
40 mm AK 804/40
50 mm AK 804/50



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



POOLE
AO 421/22
8,0 mm



FRAZIER
10 Charr. AO 430/10





KA 520/40
Ø 30 mm
400 g (14¹/₄
oz.)

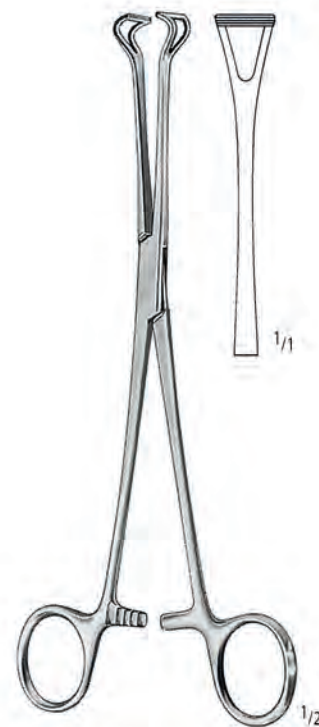
WILLIGER
24,0 cm/9¹/₂"



ALLIS 5:6
15,0 cm/6" KD 055/15
19,0 cm/7¹/₂" KD 055/19



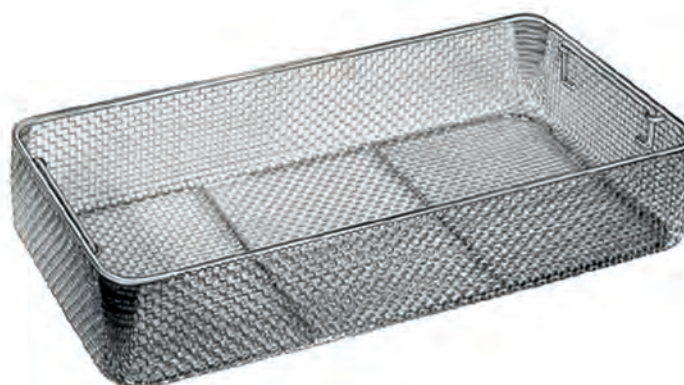
ALLIS-ADAIR 10:11
KD 060/15
15,0 cm/6"



BABCOCK
KD 111/16
16,0 cm/6¹/₄"



LEBSCHE
KK 040/25
25,0 cm/10"



L(mm)	B(mm)	H(mm)	
540	255	70	SK 307/07

ENDARTERIEKTOMIE
ENDARTERECTOMY
ENDARTERECTOMIA
ENDARTERECTOMIE
ENDOARTERIECTOMIA

SET

ZS 941/70

Siebvorschlag - Suggested instrument set



ZS 941/70

Contents:

Qty

AA 151/12	HALSTED-MOSQUITO FCPS. CVD. 12.5 CM	12
AA 181/14	CRILE FORCEPS CURVED 14.0 CM	12
AA 201/16	ROCHESTER-PEAN FCPS. CVD. 16.0 CM	6
AA 348/18	BABY-MIXTER ART. FCPS. CVD. 18.0 CM	2
AA 751/13	BACKHAUS TOWEL FORCEPS 13.0 CM	6
AB 050/14	STANDARD DRESSING FORCEPS STR. 14.5 CM	2
AB 060/14	STANDARD TISSUE FCPS. 1X2 TEETH STR. 14.5 CM	2
AB 100/12	ADSON DRESSING FORCEPS 12.0 CM	2
AB 110/12	ADSON TISSUE FCPS. 1X2 TEETH 12.0 CM	2
AC 072/17	MAYO-STILLE OPER. SCS. STR. BL/BL 17.0 CM	1
AC 073/17	MAYO-STILLE OPER. SCS. CVD. BL/BL 17.0 CM	1
AC 111/18	METZENBAUM-NELSON SCS. CVD. BL/BL 18.0 CM	1
AC 219/45	POTTS-SMITH ART. SCS. 45° DEGREE 19.0 CM	1
AC 450/11	IRIS SCISSORS STR. SH/SH 11.5 CM	1
AC 451/11	IRIS SCISSORS CVD. SH/SH 11.5 CM	1
AD 010/03	SCALPEL HANDLE NO.3	1
AE 070/15	CRILE-WOOD NEEDLE HOLDER 15.0 CM	2
AF 200/25	FOERSTER-BALLENGER STR. SERRATED 25.0 CM	4
AK 036/01	CUSHING DELICATE HOOK FIG.1, 19.0 CM	2
AK 245/22	MIDDELDORPF RETRACTOR 20X22 MM 22.0 CM	2
AK 247/01	RICHARDSON RETRACTOR 28X20 MM 24.0 CM	2
AK 384/00	PARKER-LANGENBECK US-ARMY SET FIG.1+2	1
AL 003/13	PROBE W. EYE 13.0 CM 2.0 MM	2
AO 430/10	FRAZIER BRAIN SUCTION TUBE CHARR10/17.0 CM	2
KD 055/15	ALLIS FCPS. 5X6T 15.0 CM	4
KK 371/06	GLOVER ATRAUMA-BULLDOG CLAMP CVD. 5.5 CM	2
KK 371/07	GLOVER ATRAUMA-BULLDOG CLAMP CVD. 6.5 CM	2
KK 371/09	GLOVER ATRAUMA-BULLDOG CLAMP CVD. 8.5 CM	2
KS 638/01	PENFIELD DURA DISSECTORS FIG.1, 17.5 CM	1
SK 307/07	WIRE BASKET, 540X255X70 MM	1

Sterilization Container KYE 200/51, if required.



HALSTED-MOSQUITO

AA 151/12
12,5 cm/5"

CRILE

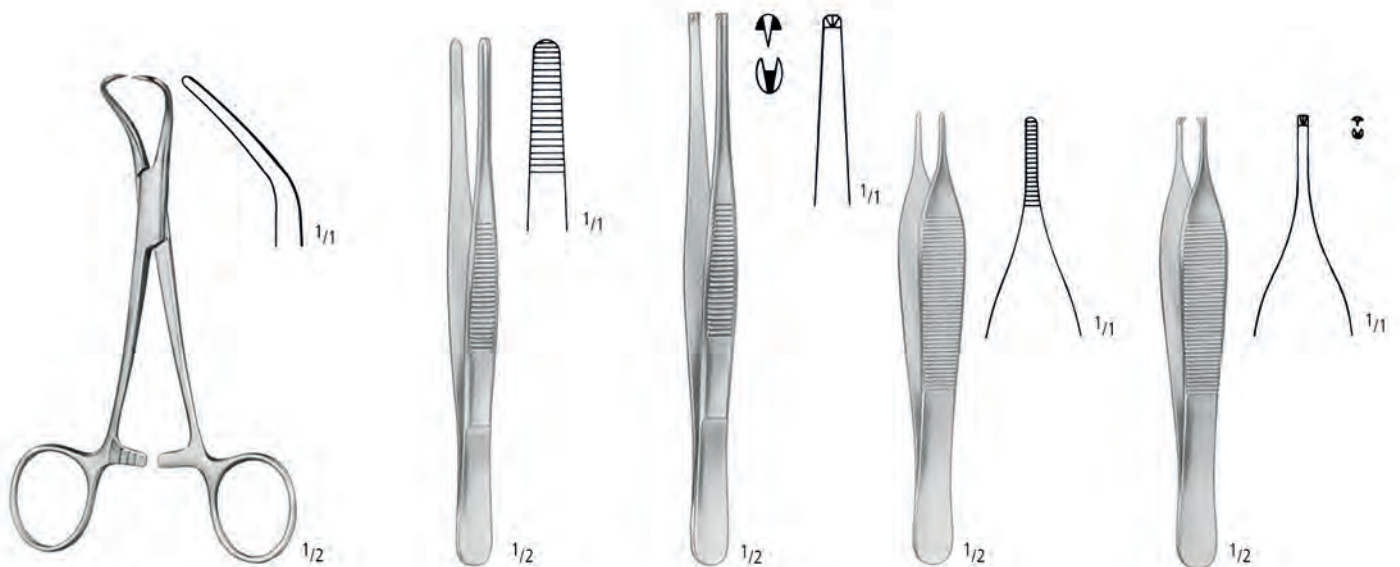
AA 181/14
14,0 cm/5½"

ROCHESTER-PEAN

AA 201/16
16,0 cm/6¼"

BABY-MIXTER

AA 348/18
18,0 cm/7"



BACKHAUS

AA 751/13
13,0 cm/5"

STANDARD

AB 050/14
14,0 cm/5½"

STANDARD 1:2

AB 060/14
14,5 cm/5¾"

ADSON

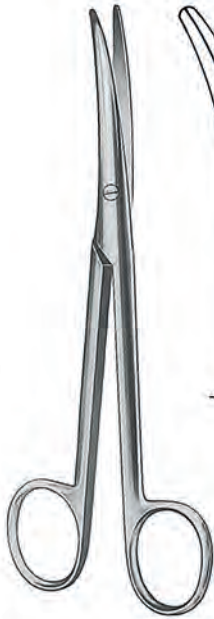
AB 100/12
12,0 cm/4¾"

ADSON 1:2

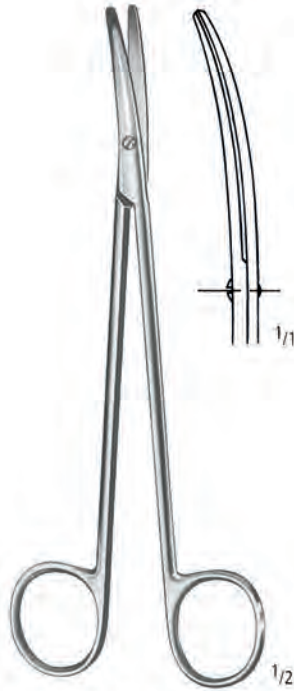
AB 110/12
12,0 cm/4¾"



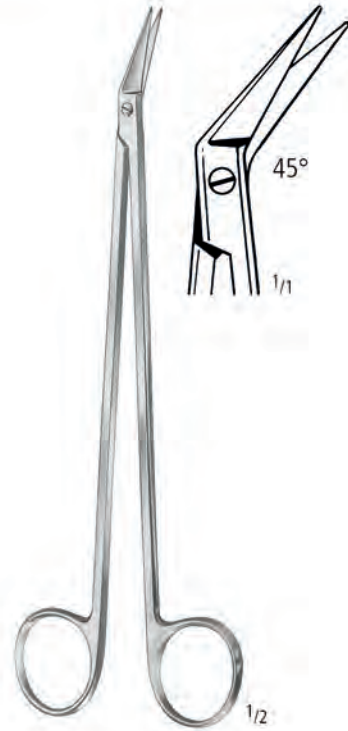
MAYO-STILLE
AC 072/17
17,0 cm/6 1/4"



MAYO-STILLE
AC 073/17
17,0 cm/6 1/4"



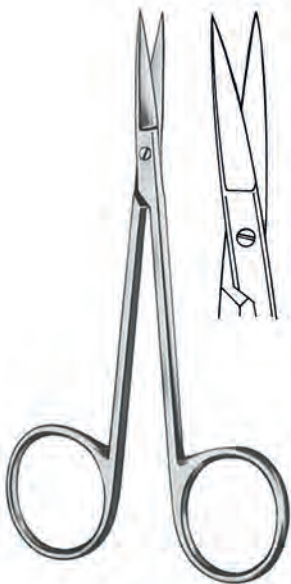
METZENBAUM-NELSON
AC 111/18
18,0 cm/7"



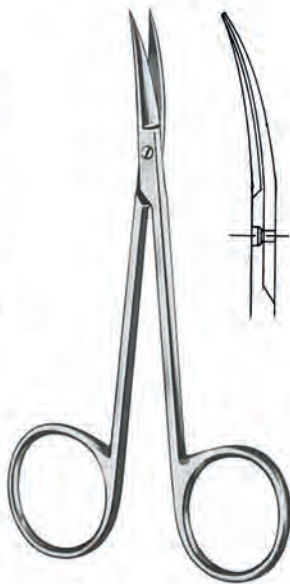
POTTS-SMITH
AC 219/45
19,0 cm/7 1/2"



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



AC 450/11
11,5 cm/4 1/2"



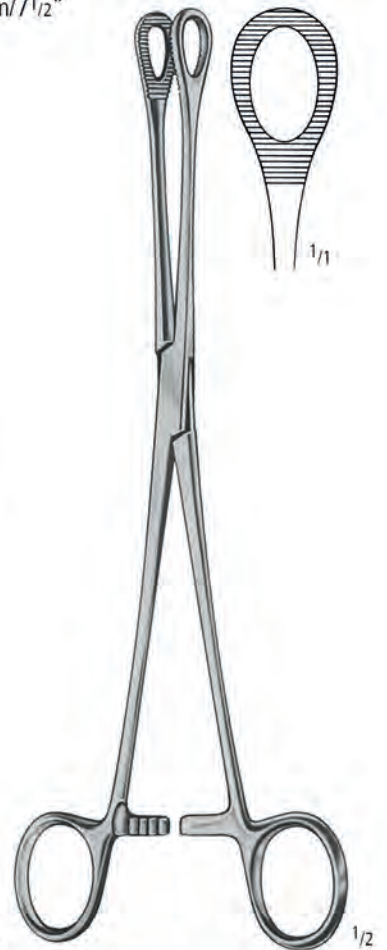
AC 451/11
11,5 cm/4 1/2"



AD 010/03
No. 3



CRILE-WOOD
AE 070/15
15,0 cm/6"



FOERSTER-BALLENGER
AF 200/25
25,0 cm/10"





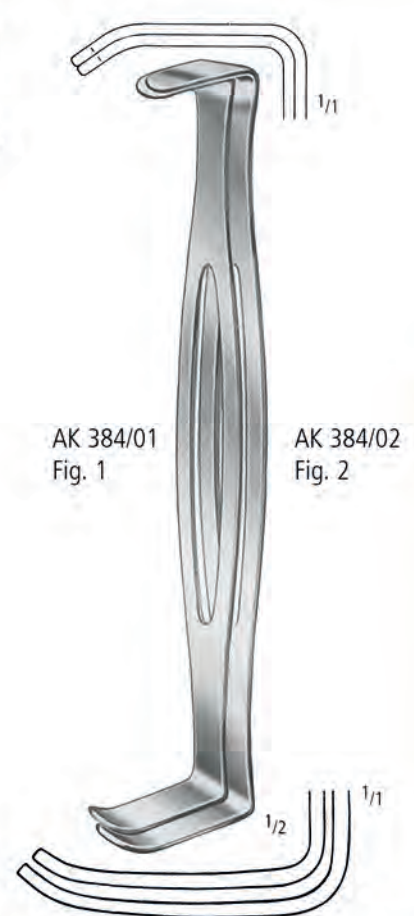
CUSHING
AK 036/01
19,0 cm/7 1/2"



MIDDELDORPF
AK 245/22
22,0 cm/8 3/4"



RICHARDSON (KELLY)
AK 247/01
24,0 cm/9 1/2"



PARKER-LANGENBECK (U.S. Army)
AK 384/00 Fig. 1+2
21,0 cm/8 1/4"



AL 003/13
13,0 cm/5"

FRAZIER
10 Charr. AO 430/10



ALLIS 5:6
KD 055/15
15,0 cm/6"



GLOVER



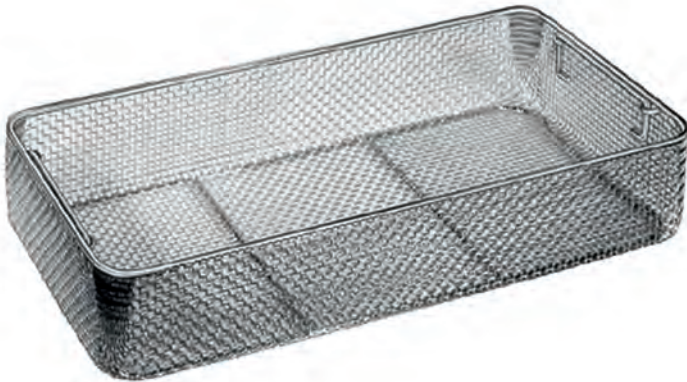
KK 371/06
5,5 cm/2 1/4"

KK 371/07
6,5 cm/2 1/2"

KK 371/09
8,5 cm/3 1/3"



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



L(mm)	B(mm)	H(mm)	
540	255	70	SK 307/07

THORAKOTOMIE
THORACOTOMY
THORACOTOMIA
THORACOTOMIE
THORACOTOMIA

SET

ZS 941/01

Siebvorschlag - Suggested instrument set



THORAKOTOMIE THORACOTOMY THORACOTOMIA THORACOTOMIE THORACOTOMIA

ZS 941/01

Contents:

Qty

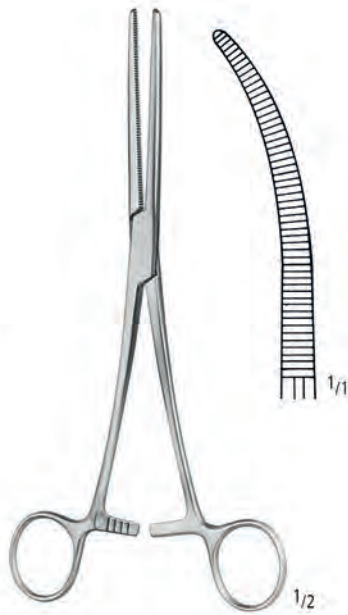
AA 151/12	HALSTED-MOSQUITO FCPS. CVD. 12.5 CM	12
AA 201/16	ROCHESTER-PEAN FCPS. CVD. 16.0 CM	12
AA 355/23	MIXTER FORCEPS CVD. 23.0 CM	2
AA 751/08	BACKHAUS TOWEL FORCEPS 8.0 CM	12
AB 200/25	POTTS-SMITH DRESSING FORCEPS STR. 25.0 CM	2
AB 210/25	POTTS-SMITH TISS. FCPS. STR. 1X2 TEETH 25.0 CM	1
AB 418/23	NELSON GRASPING FCPS. 23.0 CM	1
AC 111/28	METZENBAUM-NELSON SCS. CVD. BL/BL 28.0 CM	1
AE 130/27	MASSON NEEDLE HOLDER 27.0 CM	1
AK 150/04	VOLKMANN RETR. SHARP 4 PRONGS 21.5 CM	2
AK 230/02	LANGENBECK RETRACTOR 22.0 CM 30X14 MM	2
AK 337/90	DAVIDSON RETRACTOR 75X90 MM 16.0 CM	1
KA 550/53	MALLET 530G STEEL SOLID Ø 42/30 MM 24.0 CM	1
KA 677/15	LAMBOTTE RASPATORIES 15.0 MM	1
KA 681/17	DOYEN PERIOST. RASPATORY CVD. LEFT 17.0 CM	1
KA 683/17	DOYEN PERIOST. RASPATORY CVD. RIGHT 17.0 CM	1
KA 763/19	SEMB BONE HOLDING FCPS. W/O RATCHET 19.0 CM	1
KA 853/22	STILLE-LUER BONE RONGEURS CVD. 22.0 CM	1
KD 124/23	DUVAL INT. TISSUE FCPS. LARGE 23.0 CM	2
KK 018/34	BETHUNE RIB SHEARS 34.0 CM	1
KK 040/25	LEBSCHÉ CHISEL 25.0 CM	1
KK 092/02	FINOCCHIETTO RIB SPREADER 46X62X190 MM	1
KK 170/19	SELLORS RIB CONTRACTOR 19.0 CM	1
KK 180/32	ALLISON LUNG SPATULA 32.0 CM	1
KK 701/22	PRICE-THOMAS FORCEPS 22.0 CM	1
KK 703/02	SEMB BRONCHUS CLAMPS 22.0 CM	1
SK 307/07	WIRE BASKET, 540X255X70 MM	1

Sterilization Container KYE 200/51, if required.



HALSTED-MOSQUITO

AA 151/12
12,5 cm/5"



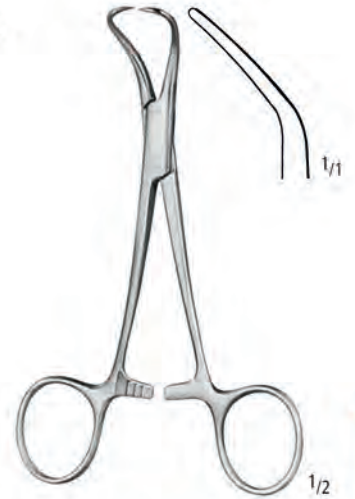
ROCHESTER-PEAN

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



MIXTER

AA 355/23
23,0 cm/9"



BACKHAUS

AA 751/08
8,0 cm/3"



POTTS-SMITH

AB 200/25
25,0 cm/10"



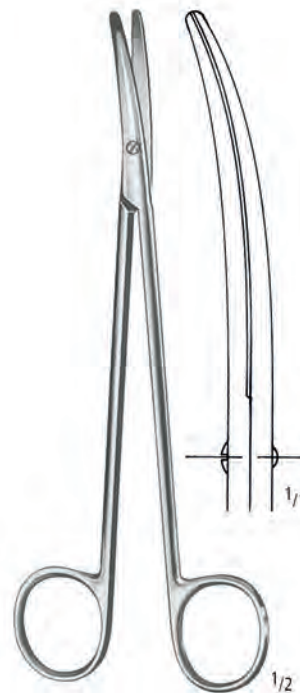
POTTS-SMITH 1:2

AB 210/25
25,0 cm/10"



NELSON

AB 418/23
23,0 cm/9"



METZENBAUM-NELSON

AC 111/28
28,0 cm/11"



MASSON

AE 130/27
27,0 cm/10 3/4"



VOLKMANN
AK 150/04
21,5 cm/8 1/2"



LANGENBECK
AK 230/02
22,0 cm/8 3/4"



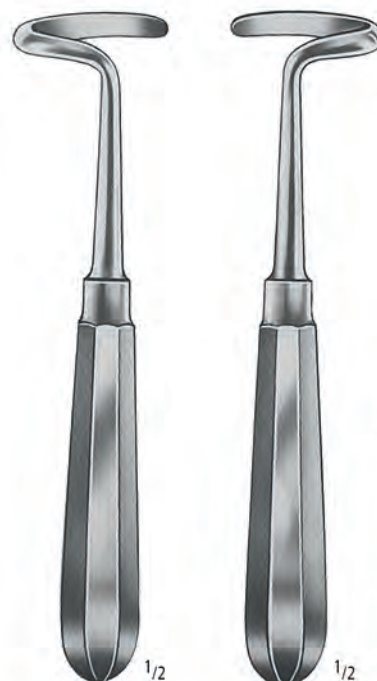
DAVIDSON
AK 337/90
16,0 cm/6 1/4"



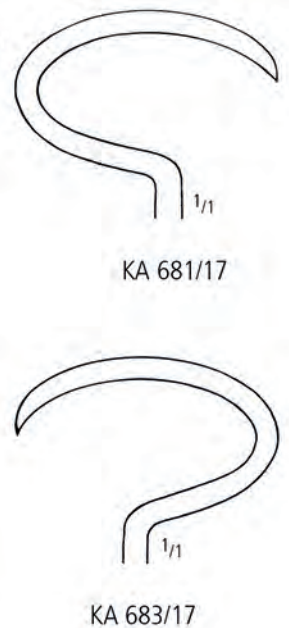
KA 550/53
24,0 cm/9 1/2"



LAMBOTTE
KA 677/15
21,0 cm/8 1/4"



DOYEN
17,0 cm/6 3/4"



KA 681/17

KA 683/17

THORAKOTOMIE THORACOTOMY THORACOTOMIA THORACOTOMIE THORACOTOMIA



cardiovascular basic

endarterectomy

thoracotomy

coronary bypass

SEMB

KA 763/19
19,0 cm/7¹/₂"

STILLE-LUER

KA 853/22
22,0 cm/8³/₄"

DUVAL

KD 124/23
23,0 cm/9"

BETHUNE

KK 018/34
34,0 cm/13¹/₂"



LEBSCHE

KK 040/25
25,0 cm/10"



FINOCCHIETTO

KK 092/02



SELLORS

KK 170/19
19,0 cm/7¹/₂"

B

46 mm

H

62 mm

C

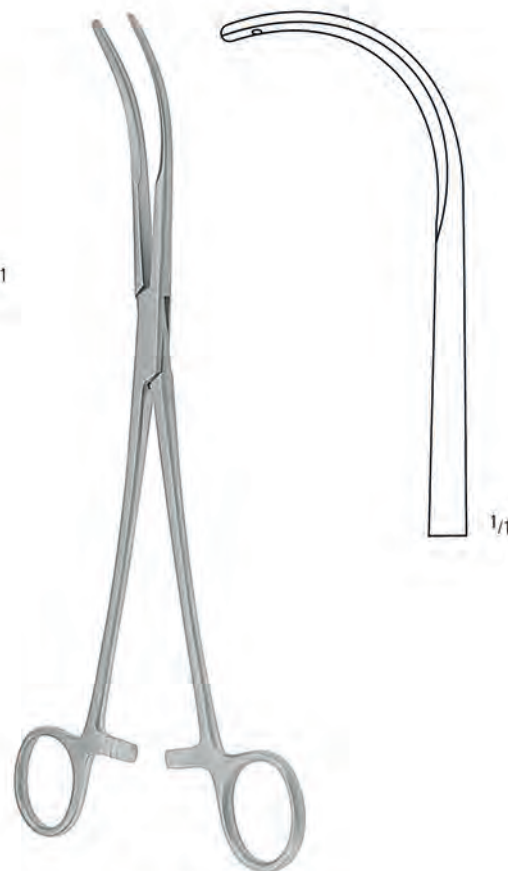
190 mm



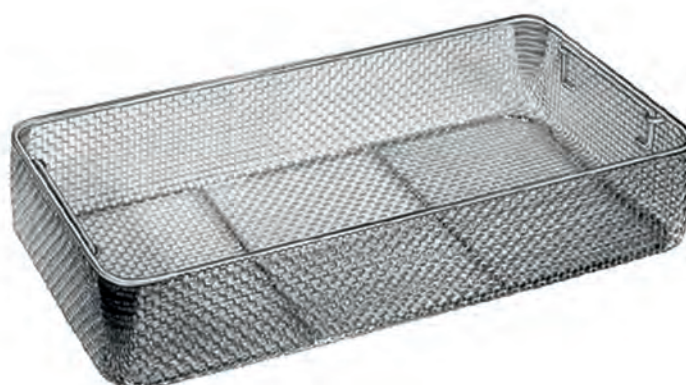
ALLISON
KK 180/32
32,0 cm/12½"



PRICE-THOMAS
KK 701/22
22,0 cm/8¾"



SEMB
KK 703/02
24,0 cm/9½"



L(mm)	B(mm)	H(mm)	
540	255	70	SK 307/07

KORONAR ARTERIEN-BYPASS
CORONARY BYPASS
BYPASS CORONARIO
PONTAGE AORTO-CORONARIEN
BYPASS AORTO-CORONARICO

SET

ZS 941/60

Siebvorschlag - Suggested instrument set



ZS 941/60

Contents:

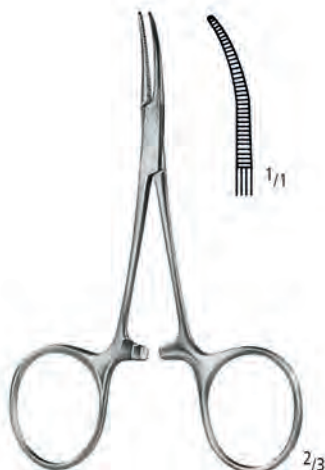
Qty

AA 114/10	HARTMANN FORCEPS STR. 10.0 CM	6
AA 115/10	HARTMANN FORCEPS CVD. 10.0 CM	6
AA 347/19	MIXTER-O'SHAUGNESSY ART. FCPS. CVD. 19.0 CM	2
AB 860/16	DE BAKEY ATRAUMA FCPS. STR. 1.5 MM 16.0 CM	2
AB 860/20	DE BAKEY ATRAUMA FCPS. STR. 1.5 MM 20.0 CM	2
AB 860/24	DE BAKEY ATRAUMA FCPS. STR. 1.5 MM 24.0 CM	2
AC 214/15	REYNOLDS DISS. SCISSORS STR. SHARP 15.0 CM	1
AC 224/01	HEGEMANN-DIETRICH VASC. SCS. 25° DEG 19.0 CM	1
AC 224/02	HEGEMANN-DIETRICH VASC. SCS. 45° DEG 19.0 CM	1
AC 224/03	HEGEMANN-DIETRICH VASC. SCS. 60° DEG 19.0 CM	1
AC 224/04	HEGEMANN-DIETRICH VASC. SCS. 90° DEG 19.0 CM	1
AC 224/05	HEGEMANN-DIETRICH VASC. SCS. 125° DEG 19.0 CM	1
AE 430/15	RYDER/FRENCH-EYE NEEDLE HOLDER TUC 15.0 CM	1
AE 430/18	RYDER/FRENCH-EYE NEEDLE HOLDER TUC 18.0 CM	1
AE 434/15	MICRO RYDER NEEDLE HOLDER TUC 15.0 CM	1
KC 130/01	BAKES GALL DUCT DILATOR FIG.1, 30.0 CM	1
KC 130/02	BAKES GALL DUCT DILATOR FIG.2, 30.0 CM	1
KC 130/03	BAKES GALL DUCT DILATOR FIG.3, 30.0 CM	1
KC 130/04	BAKES GALL DUCT DILATOR FIG.4, 30.0 CM	1
KC 130/05	BAKES GALL DUCT DILATOR FIG.5, 30.0 CM	1
KC 130/06	BAKES GALL DUCT DILATOR FIG.6, 30.0 CM	1
KC 130/07	BAKES GALL DUCT DILATOR FIG.7, 30.0 CM	1
KC 130/08	BAKES GALL DUCT DILATOR FIG.8, 30.0 CM	1
KC 130/09	BAKES GALL DUCT DILATOR FIG.9, 30.0 CM	1
KC 130/10	BAKES GALL DUCT DILATOR FIG.10, 30.0 CM	1
KC 130/11	BAKES GALL DUCT DILATOR FIG.11, 30.0 CM	1
KK 453/20	DE BAKEY FORCEPS 20.0 CM	1
SK 307/07	WIRE BASKET, 540X255X70 MM	1

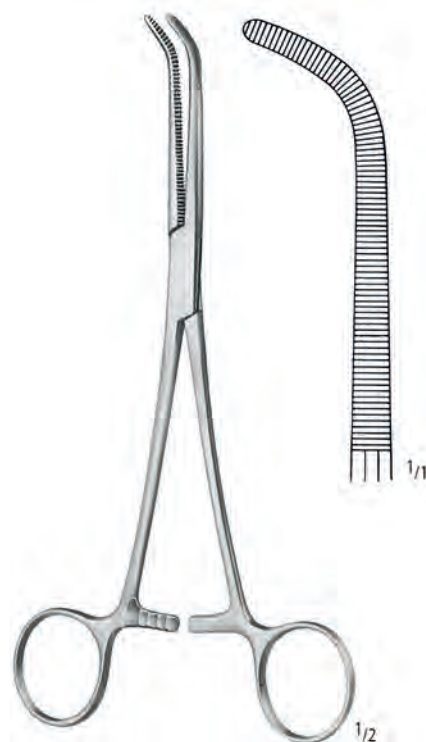
Sterilization Container KYE 200/51, if required.



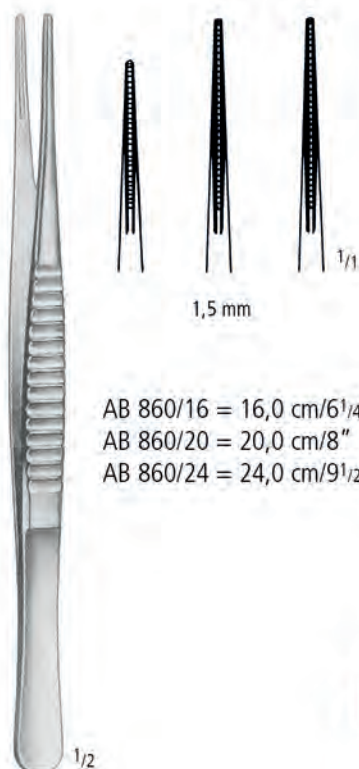
HARTMANN
AA 114/10
10,0 cm/4"



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



MIXTER-O'SHAUGNESSY
AA 347/19
19,0 cm/7 1/2"



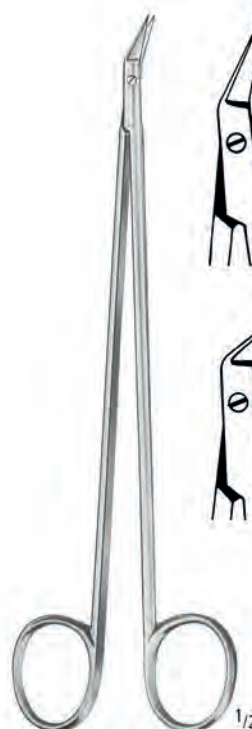
DE BAKEY

AB 860/16 = 16,0 cm/6 1/4"
AB 860/20 = 20,0 cm/8"
AB 860/24 = 24,0 cm/9 1/2"

1,5 mm



REYNOLDS
AC 214/15
15,0 cm/6"



HEGEMANN-DIETRICH
19,0 cm/7 1/2"



25°
AC 224/01



45°
AC 224/02



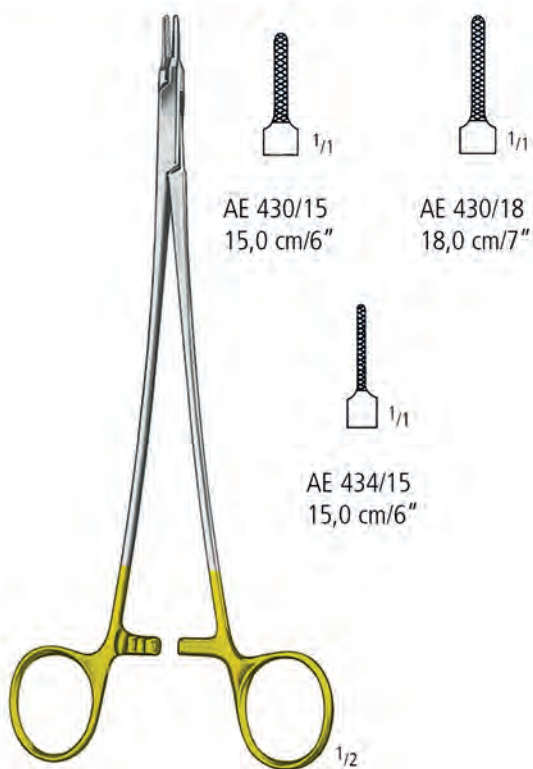
60°
AC 224/03



90°
AC 224/04



125°
AC 224/05



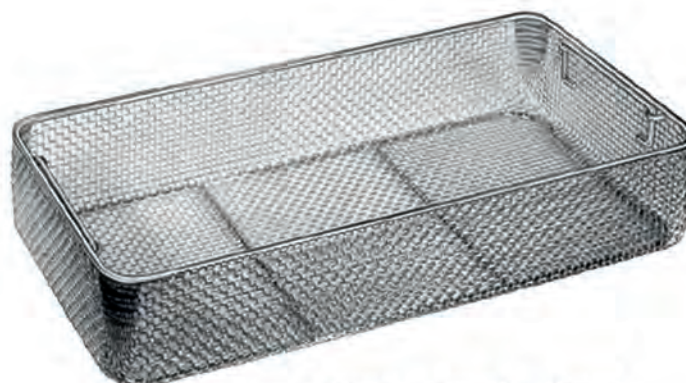
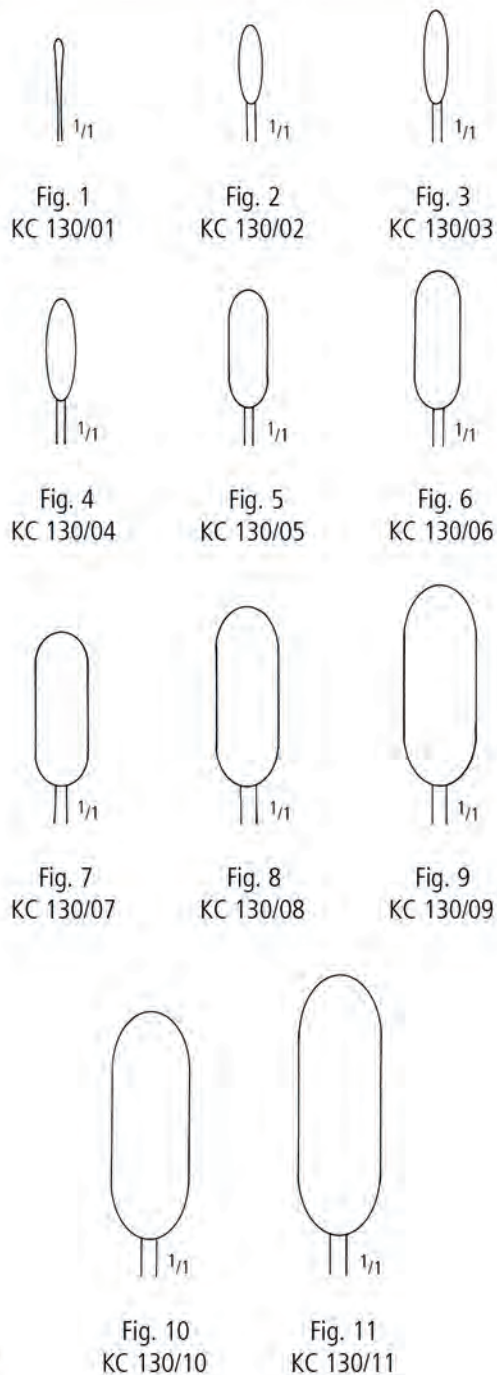
RYDER/FRENCH-EYE



DE BAKERY



BAKES
30,0 cm/12"



L(mm)	B(mm)	H(mm)	
540	255	70	SK 307/07

KLEMMEN
HEMOSTATS
PINZAS HEMOSTATICAS
PINCES HEMOSTATIQUES
PINZE EMOSTATICHE

AA

nopa[®] instruments

Weitere Klemmen finden Sie in unserem Katalog „Allgemeine Chirurgie“ in Gruppe AA.

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

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

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

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





titan instruments

nopa[®] instruments

Besonderheit:

nopa Titan Instrumente bieten insbesondere in der Herz-Thorax-Chirurgie Vorteile gegenüber herkömmlichen Instrumenten. Titan ist ca. 45% leichter als rostfreier Edelstahl, weshalb Titan Instrumente weniger traumatisierend sind. Titan ist außerdem ein vollkommen korrosionsbeständiges und antimagnetisches Material. **nopa** Titan Instrumente bedeuten größtmöglichen Komfort für den Chirurgen.

Features:

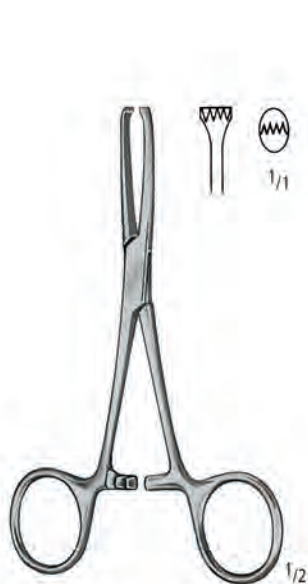
nopa Titan Instruments provide especially in Cardiovascular surgery a significant advantage compared to other Instruments. Titan is approximately 45% lighter than stainless steel. For that reason, Titan Instruments are less traumatic. Besides that, Titan is a completely stainless and anti-magnetic material.

nopa Titan Instruments are the most comfortable choice for the Cardiovascular surgeon.

AA 114/10 T	HARTMANN FORCEPS STR. 10.0 CM
AA 115/10 T	HARTMANN FORCEPS CVD. 10.0 CM
AA 130/12 T	MICRO-MOSQUITO FORCEPS STR. 12.0 CM
AA 131/12 T	MICRO-MOSQUITO FORCEPS CVD. 12.0 CM
AA 132/12 T	MICRO-MOSQUITO ARTERY FCPS. 1X2 STR. 12.0 CM
AA 133/12 T	MICRO-MOSQUITO ARTERY FCPS. 1X2 CVD. 12.0 CM
AA 150/12 T	HALSTED-MOSQUITO FORCEPS STR. 12.5 CM
AA 151/12 T	HALSTED-MOSQUITO FORCEPS CVD. 12.5 CM
AA 152/12 T	HALSTED-MOSQUITO ARTERY FCPS. 1X2 STR. 12.5 CM
AA 153/12 T	HALSTED-MOSQUITO FCPS. 1X2 CVD. 12.5 CM
AA 160/15 T	LERICHE ARTERY FCPS. STR. 15.0 CM
AA 161/15 T	LERICHE ARTERY CVD. 15.0 CM
AA 162/15 T	LERICHE ARTERY FCPS. STR. 1X2 T. 15.0 CM
AA 163/15 T	LERICHE ARTERY FCPS. CVD. 1X2 T. 15.0 CM
AA 330/24 T	CRAFOORD ARTERY FORCEPS CVD. 24.0 CM



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



ALLIS-BABY 4:5

KD 050/12
12,5 cm/5"



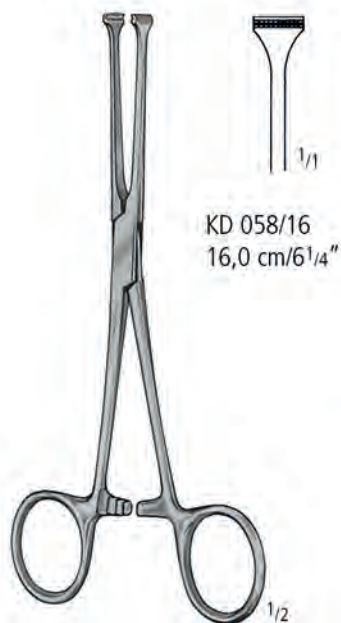
ALLIS 4:5

KD 054/15
15,0 cm/6"



ALLIS 5:6

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



ALLIS

KD 058/16
16,0 cm/6 1/4"

KD 058/20
20,0 cm/8"

KD 058/25
25,0 cm/10"

KD 058/30
30,0 cm/12"

ATRAU
nopa®



ALLIS-ADAIR 10:11

KD 060/15
15,0 cm/6"

Darmfasszangen
Tissue Seizing Forceps
Pinzas para coger intestinos
Pinces pour saisir l'intestin
Pinze per afferrare l'intestino

AA



nopa®
TUE

BABCOCK

16,0 cm/6 1/4" KD 100/16
20,0 cm/8" KD 100/20



BABCOCK

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



KD 111/18
18,0 cm/7"

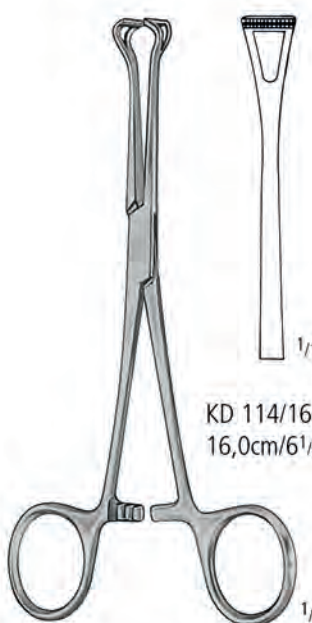


KD 111/20
20,0 cm/8"



KD 111/24
24,0 cm/9 1/2"

ATRAU
nopa®



BABCOCK

KD 114/16
16,0cm/6 1/4"



KD 114/20
20,0 cm/8"

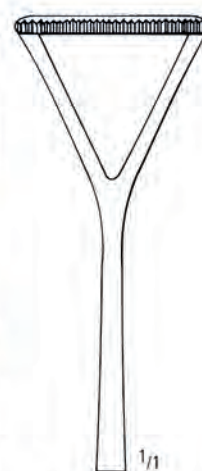


DUVAL

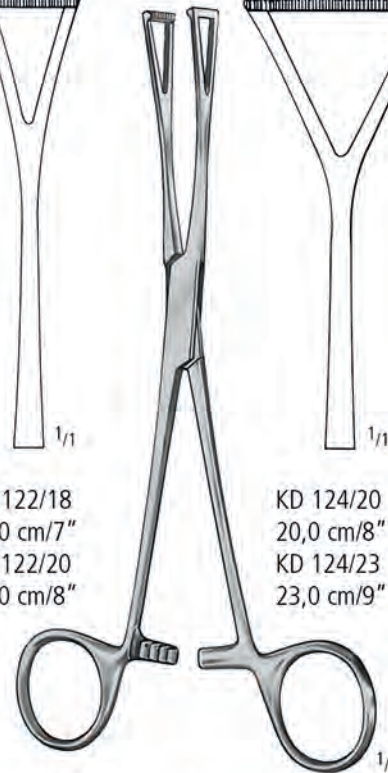
KD 120/20
20,0 cm/8"



KD 122/18
18,0 cm/7"
KD 122/20
20,0 cm/8"

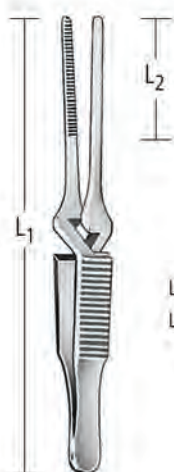


KD 124/20
20,0 cm/8"
KD 124/23
23,0 cm/9"



DUVAL

Bulldogklemmen
Bulldog Clamps
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog



AA 050/01	AA 050/02	AA 050/03	AA 051/01	AA 051/02	AA 051/03
L1 50 mm	L1 50 mm	L1 60 mm	L1 50 mm	L1 50 mm	L1 60 mm
L2 8 mm	L2 12 mm	L2 20 mm	L2 8 mm	L2 12 mm	L2 20 mm

3 gr.
Gewicht
Weight
Peso
Poids
Peso

50 gr.
Druck
Pressure
Presión
Pression
Pressione



**VENA
ARTERIA**

AA 052/01
AA 053/01

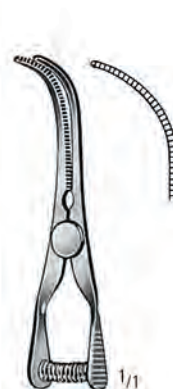
TITAN 30 mm
AA 052/02
AA 053/02

AA 052/03
AA 053/03

AA 054/01
AA 055/01

TITAN 35 mm
AA 054/02
AA 055/02

AA 054/03
AA 055/03



**VENA
ARTERIA**

AA 056/01
AA 057/01

TITAN 40 mm
AA 056/02
AA 057/02

AA 056/03
AA 057/03

AA 058/01
AA 059/01

TITAN 50 mm
AA 058/02
AA 059/02

AA 058/03
AA 059/03

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

AA



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"

Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



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



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

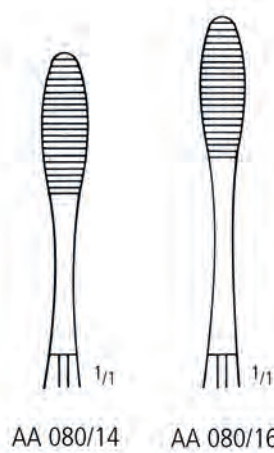
Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pincas hémostatiques
Pinze emostatiche

AA


PEAN

14,0 cm/5½"
16,0 cm/6¼"

AA 080/14
AA 080/16

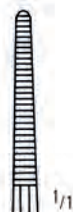

KROENLEIN

AA 082/13
13,0 cm/5"

Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



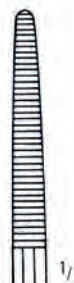
SPENCER-WELLS



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"



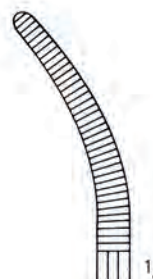
AA 110/20
20,0 cm/8"



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"



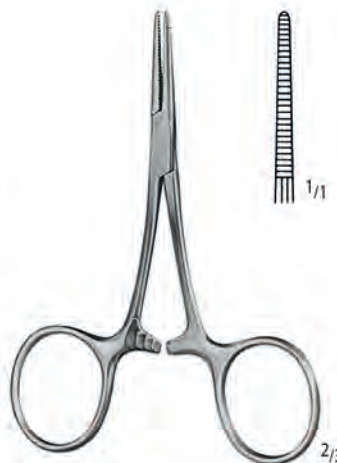
AA 111/20
20,0 cm/8"



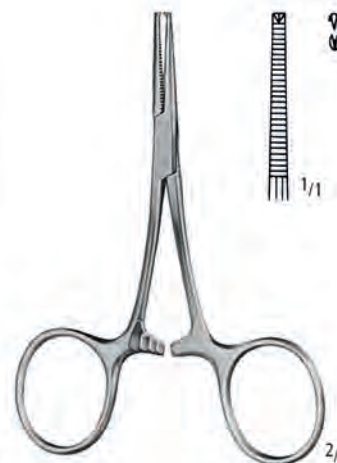
HARTMANN
AA 114/10
10,0 cm/4"



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



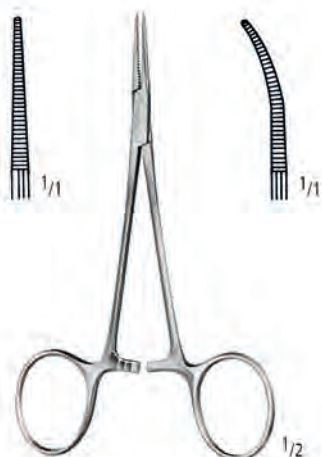
CARREL
AA 116/08
8,5 cm/3½"



TERRIER 1:2
AA 118/08
8,5 cm/3½"

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

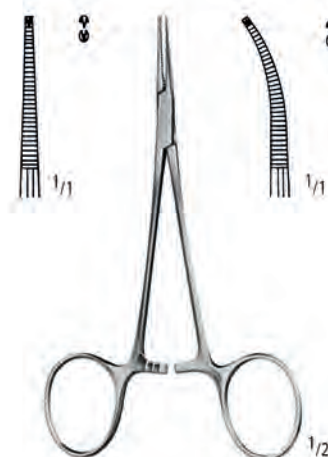
AA



MICRO-MOSQUITO

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

10,0 cm/4"
12,0 cm/4³/₄"



MICRO-MOSQUITO 1:2

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

WILLIAM STEWART HALSTED

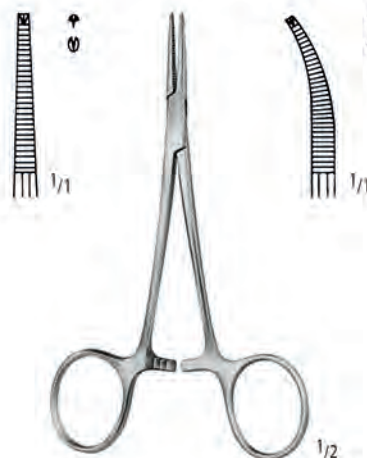
was professor of surgery in the Johns Hopkins University. In 1890 he had bronze casts made of his own hands. On these casts the first surgical rubber gloves were moulded.



HALSTED-MOSQUITO

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

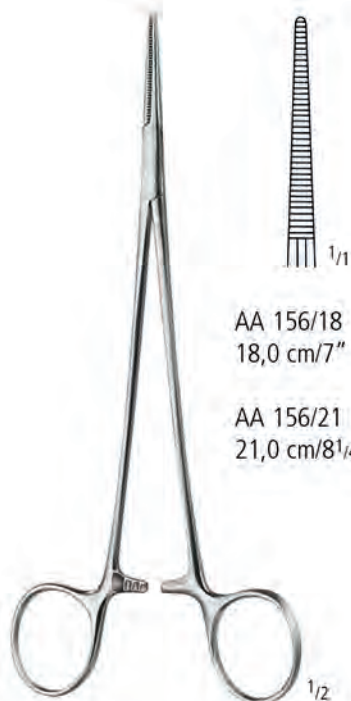
12,5 cm/5"
14,0 cm/5¹/₂"



HALSTED-MOSQUITO 1:2

AA 152/12 AA 153/12
AA 152/14 AA 153/14

Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pincers hémostatiques
Pinze emostatiche



AA 156/18
18,0 cm/7"

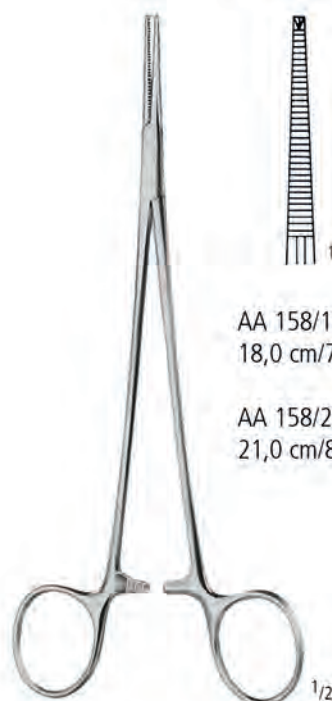
AA 156/21
21,0 cm/8 1/4"

HALSTED



AA 157/18
18,0 cm/7"

AA 157/21
21,0 cm/8 1/4"



AA 158/18
18,0 cm/7"

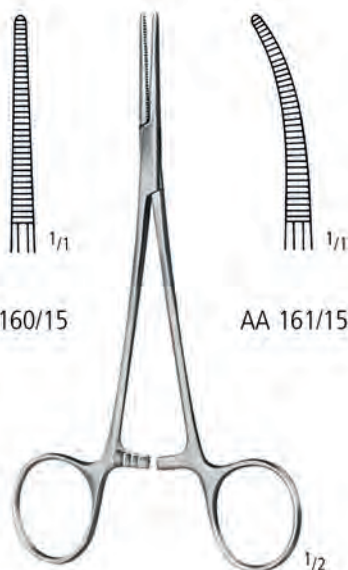
AA 158/21
21,0 cm/8 1/4"

HALSTED 1:2



AA 159/18
18,0 cm/7"

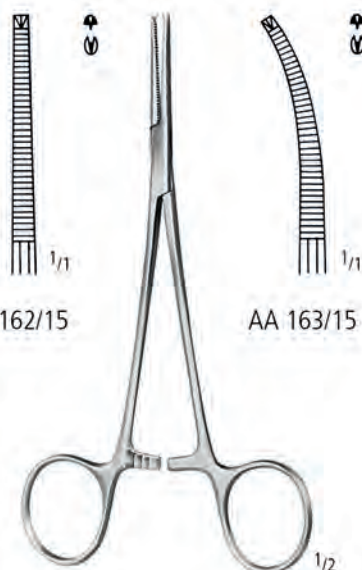
AA 159/21
21,0 cm/8 1/4"



AA 160/15

AA 161/15

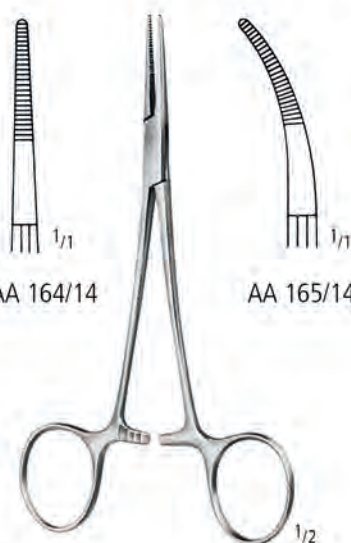
LERICHE
15,0 cm/6"



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

AB

AC

AD

AE

AF

AG

AH

AI

AJ

AK

AL

AM

AN

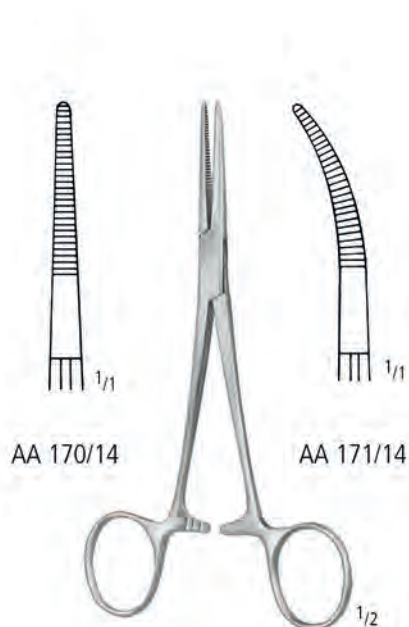
AO

AP

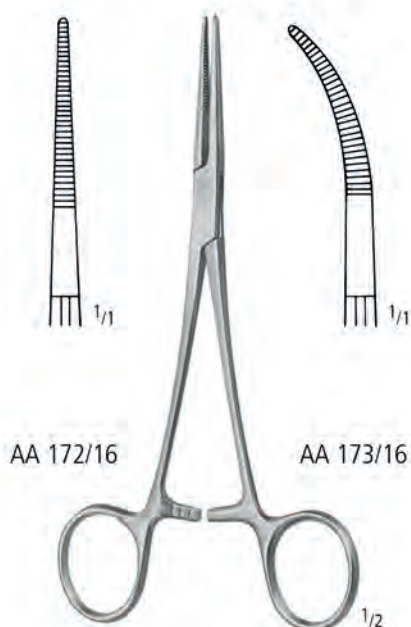
AQ

AR

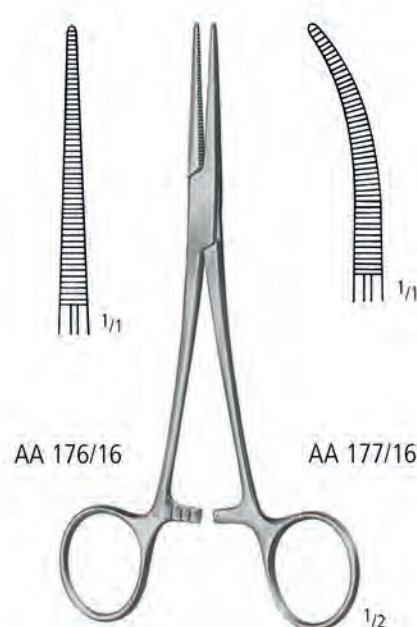
AS



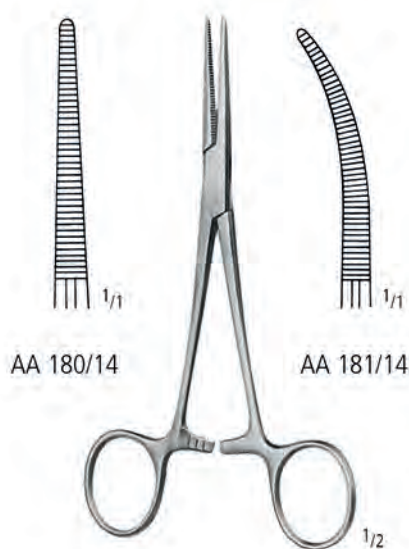
KELLY
14,0 cm/5 1/2"



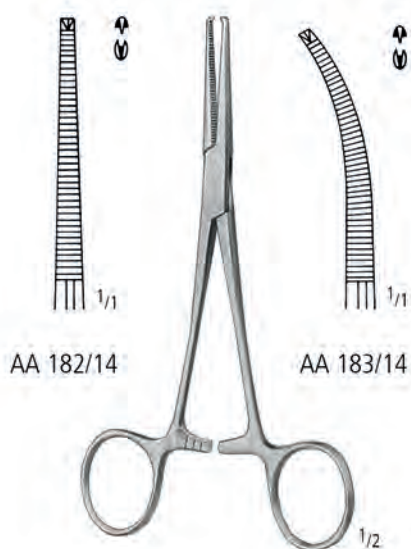
KELLY-RANKIN
16,0 cm/6 1/4"



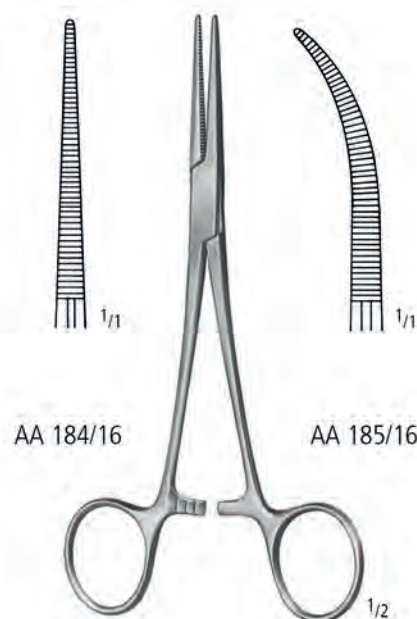
COLLER
AA 176/14 14,0 cm/5 1/2" AA 177/14
AA 176/16 16,0 cm/6 1/4" AA 177/16



CRILE
14,0 cm/5 1/2"

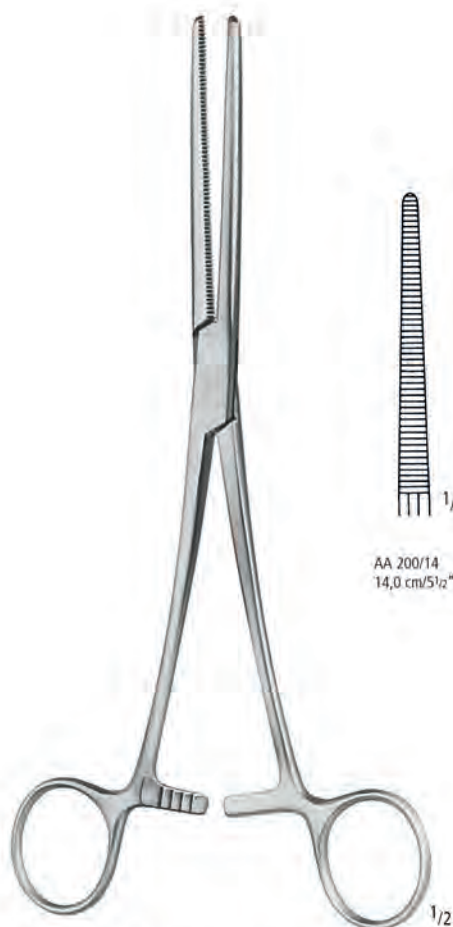


CRILE 1:2
14,0 cm/5 1/2"

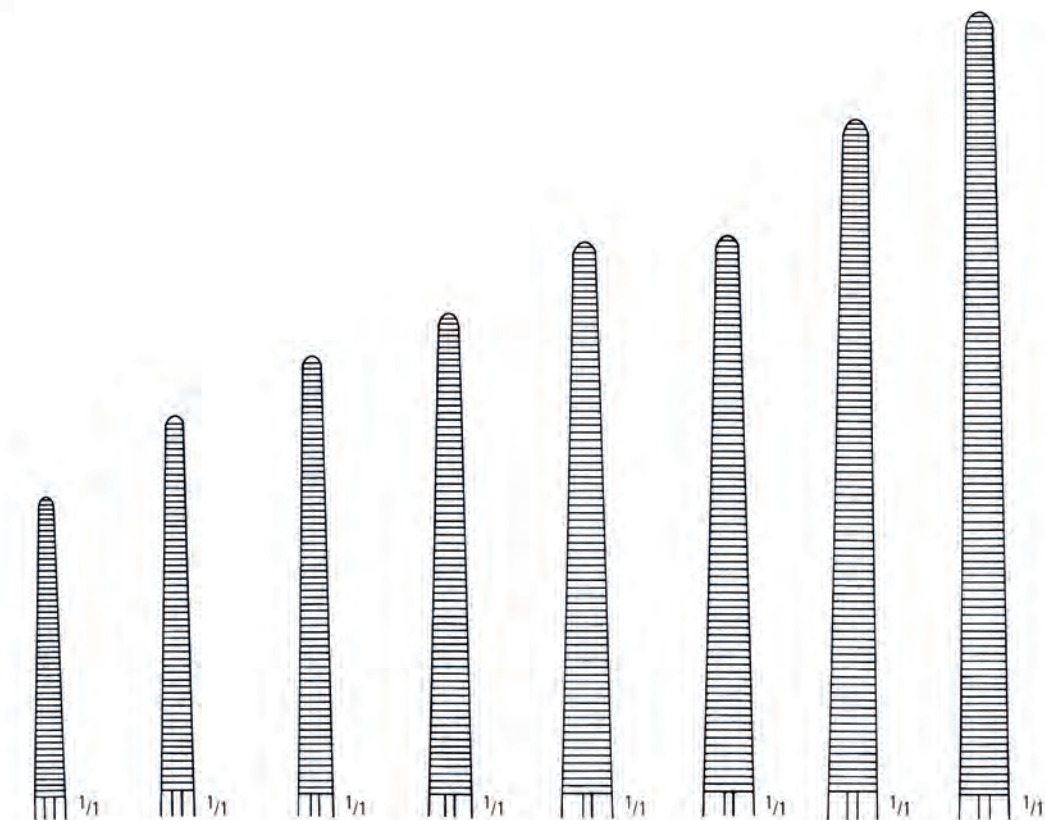


CRILE-RANKIN
16,0 cm/6 1/4"

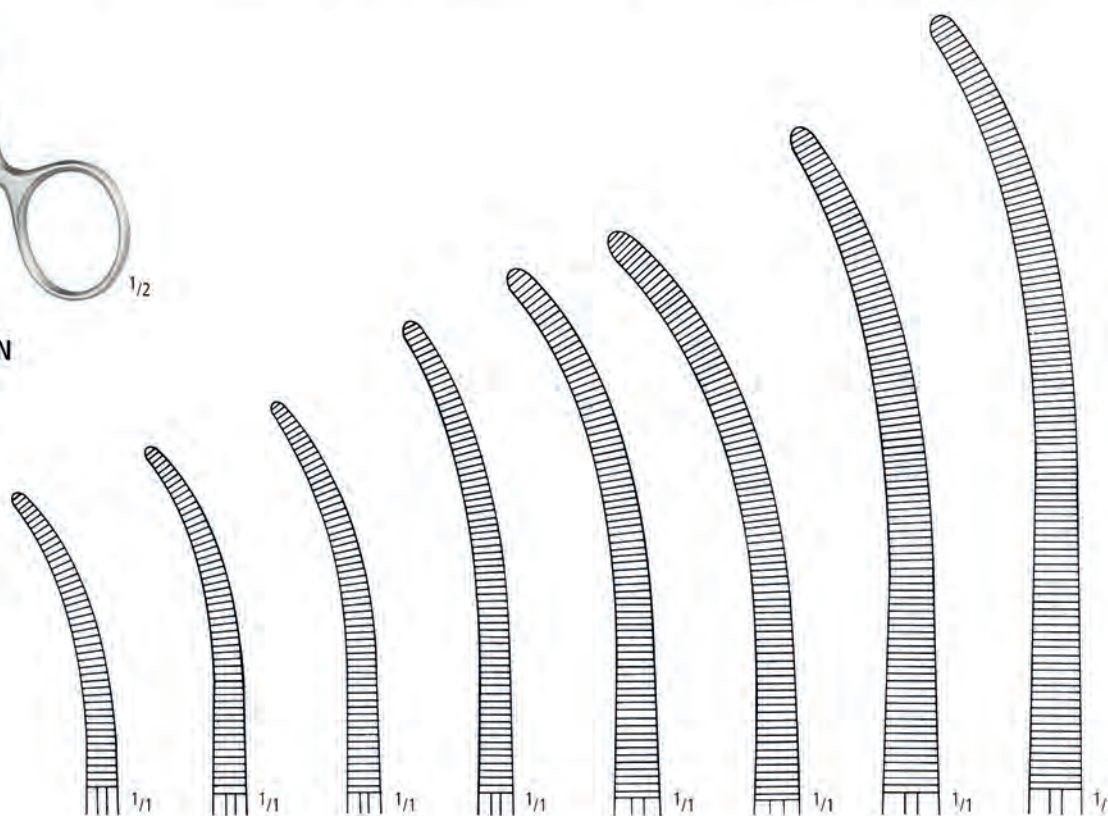
Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



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 200/20 20,0 cm/8"
AA 200/22 22,0 cm/8 3/4"
AA 200/24 24,0 cm/9 1/2"
AA 200/26 26,0 cm/10 1/4"
AA 200/30 30,0 cm/12"



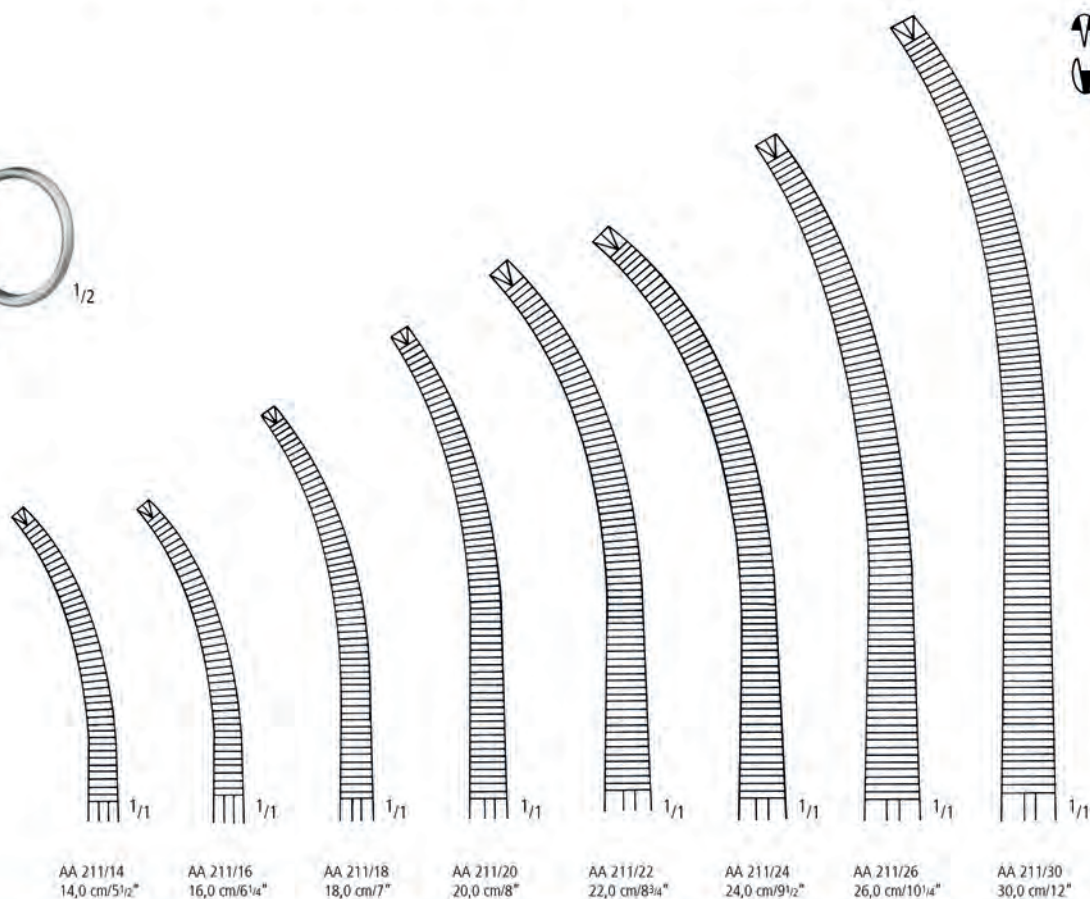
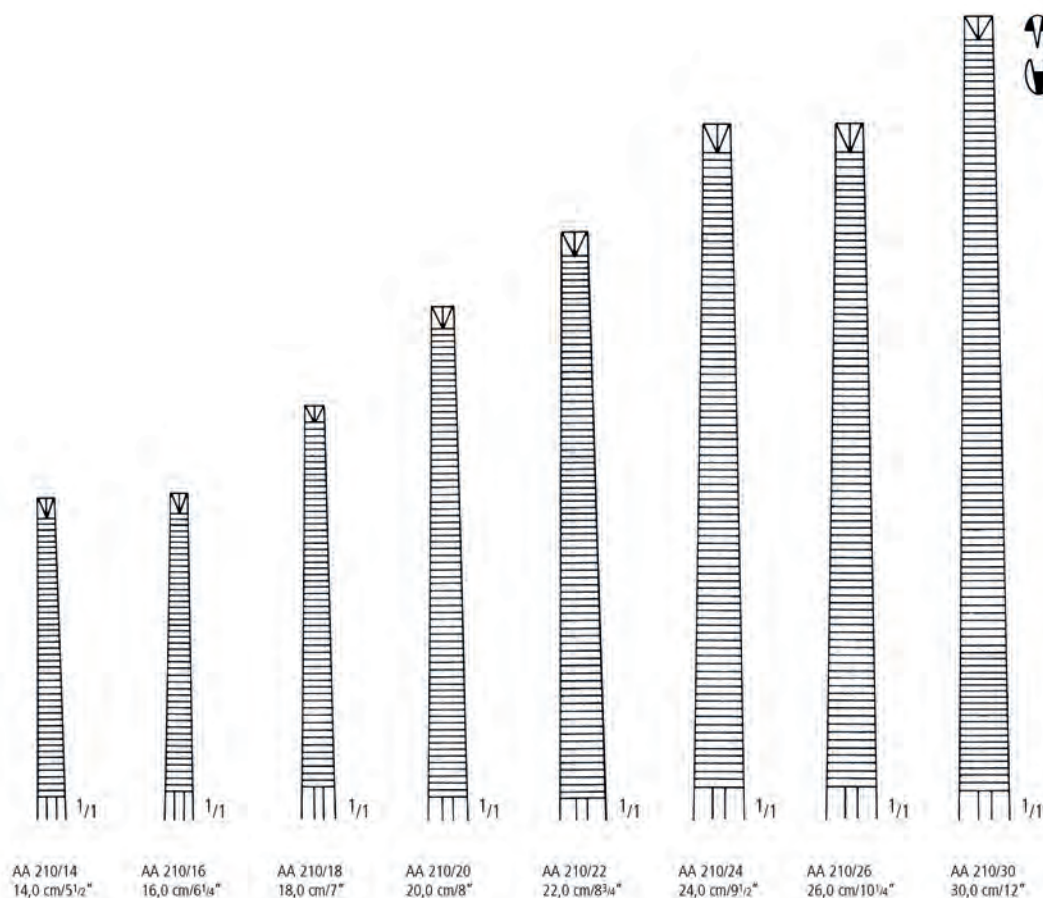
AA 201/14 14,0 cm/5 1/2"
AA 201/16 16,0 cm/6 1/4"
AA 201/18 18,0 cm/7"
AA 201/20 20,0 cm/8"
AA 201/22 22,0 cm/8 3/4"
AA 201/24 24,0 cm/9 1/2"
AA 201/26 26,0 cm/10 1/4"
AA 201/30 30,0 cm/12"

Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pincas hémostatiques
Pinze emostatiche

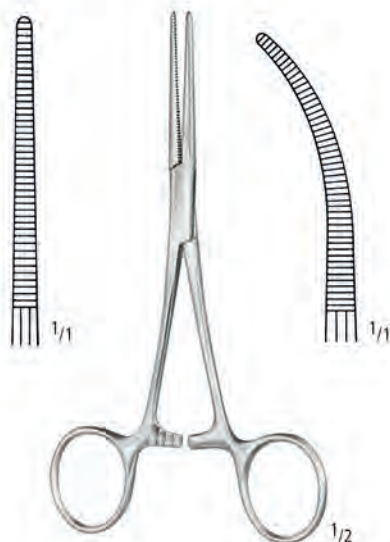
AA



OCHSNER-KOCHER 1:2



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

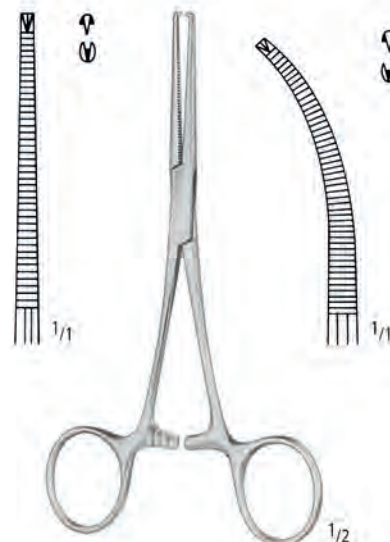


PEAN - DELICATE

AA 214/13	AA 215/13
AA 214/14	AA 215/14
AA 214/16	AA 215/16

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

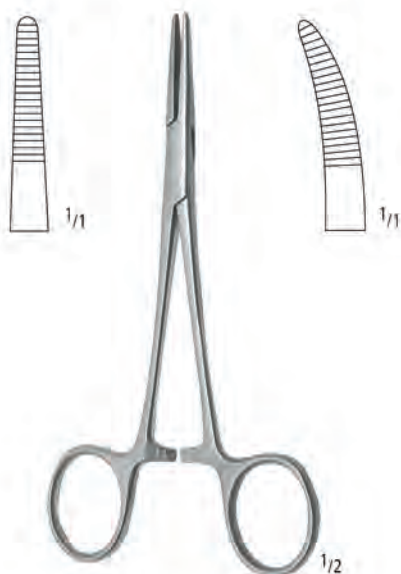
JULES PEAN, born 1830, died 1898, was the most important French gynecological surgeon of his time. He studied at Paris 1860. 1864 Pean was the first surgeon in Paris to perform an ovariectomy. By the use of Pean pins he introduced forceps pressure for control of hemorrhage, thus he invented the most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



KOCHER 1:2 - DELICATE

AA 216/13	AA 217/13
AA 216/14	AA 217/14
AA 216/16	AA 217/16

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



CAIRNS

AA 218/15	15,0 cm/6"	AA 219/15
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DUNHILL

AA 220/13
13,0 cm/5"

Arterienklemmen, Präparier- und Ligaturklemmen
 Artery Forceps, Dissecting and Ligature Forceps
 Pinzas hemostáticas, Pinzas para preparaciones y ligaduras
 Pincers hémostatiques, Pincers à disséquer et à ligatures
 Pinze emostatiche, Pinze per preparazioni e legature

AA


OVERHOLT-GEISSENDOERFER

21,0 cm/8¹/₄"
 27,0 cm/10³/₄"

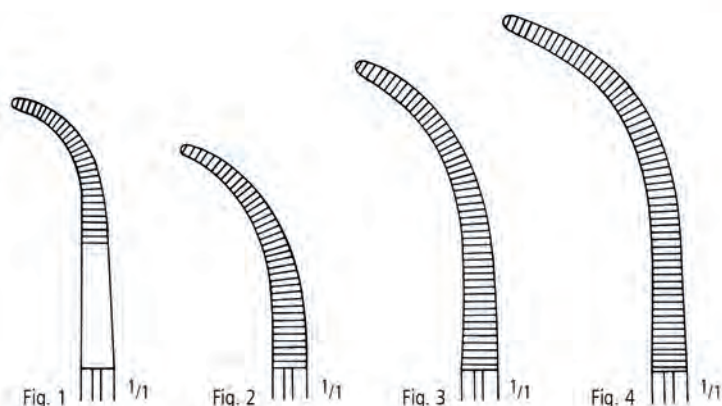


Fig. 1

AA 221/01
 AA 223/01

Fig. 2

AA 221/02
 AA 223/02

Fig. 3

AA 221/03
 AA 223/03

Fig. 4

AA 221/04
 AA 223/04

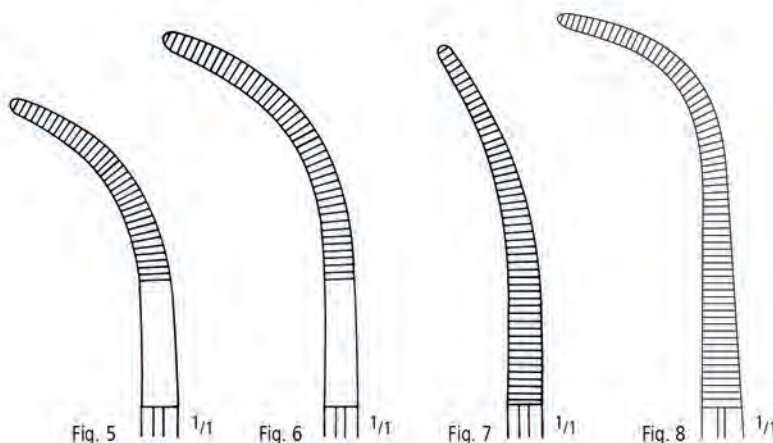


Fig. 5

AA 221/05
 AA 223/05

Fig. 6

AA 221/06
 AA 223/06

Fig. 7

AA 221/07
 AA 223/07

Fig. 8

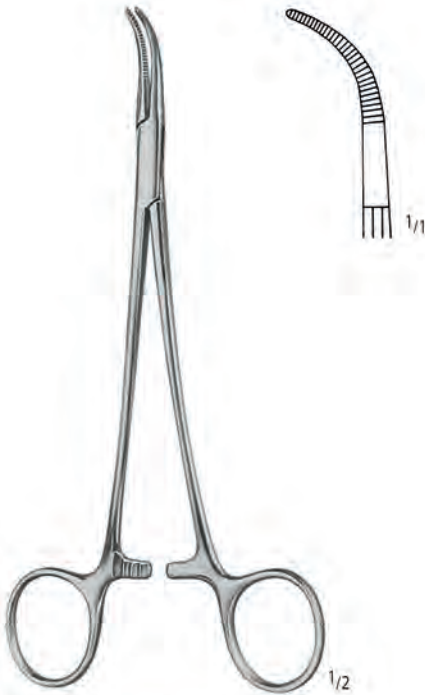
AA 224/08

21,0 cm/8¹/₄"
 27,0 cm/10³/₄"
 29,5 cm/11¹/₂"


BABY-OVERHOLT

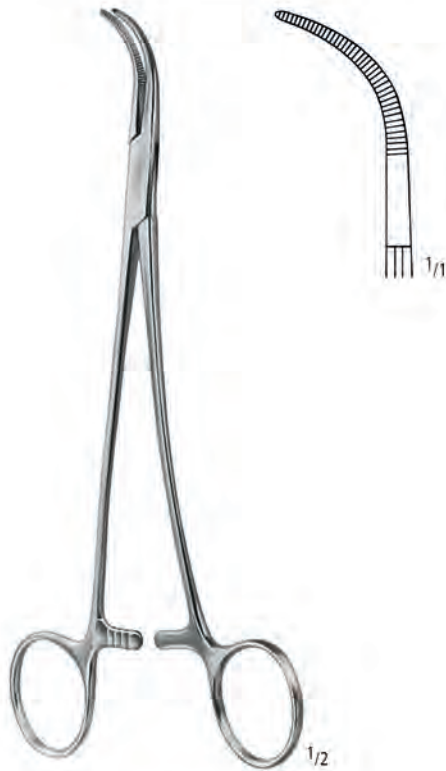
AA 225/13
 13,5 cm/5¹/₄"

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



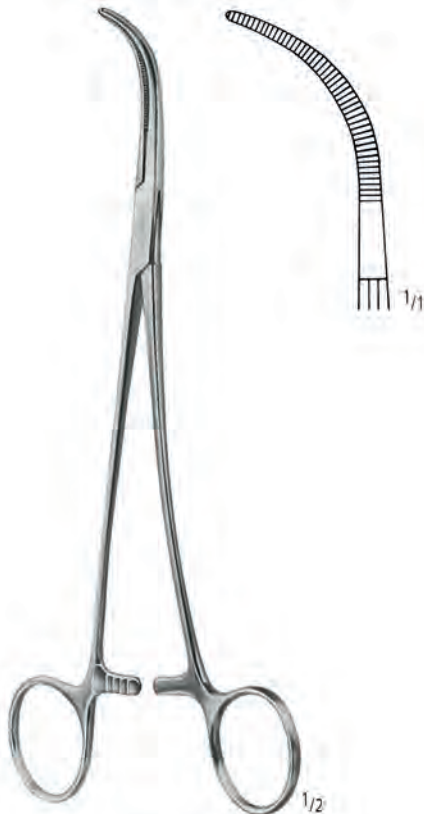
OVERHOLT

AA 229/01
18,5 cm/7 1/3"



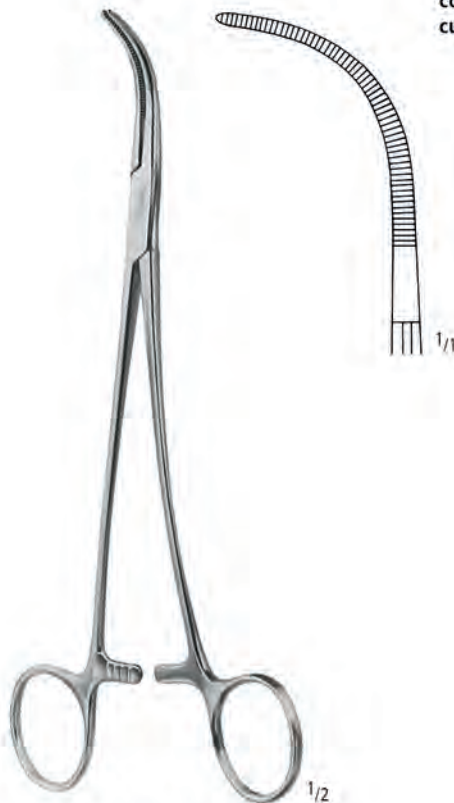
OVERHOLT

AA 229/02
20,5 cm/8"



OVERHOLT

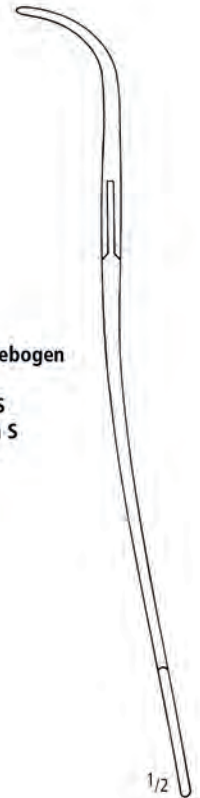
AA 229/03
21,0 cm/8 1/4"



OVERHOLT

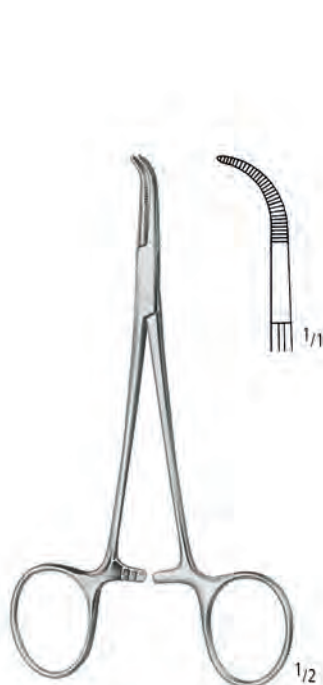
AA 229/04
21,5 cm/8 1/2"

S-förmig gebogen
S-shaped
curvas en S
courbes en S
curve in S



Arterienklemmen, Präparier- und Ligaturklemmen
 Artery Forceps, Dissecting and Ligature Forceps
 Pinzas hemostáticas, Pinzas para preparaciones y ligaduras
 Pincers hémostatiques, Pincers à disséquer et à ligatures
 Pinze emostatiche, Pinze per preparazioni e legature

AA



BABY-ADSON

AA 235/14
 14,0 cm/5 1/2"

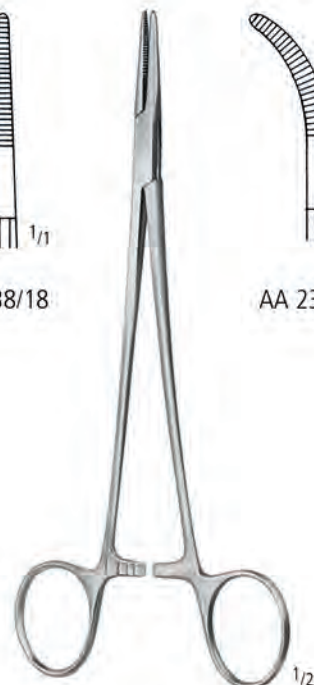


BABY-ADSON

AA 237/18
 18,0 cm/7"



AA 238/18



AA 239/18

ADSON

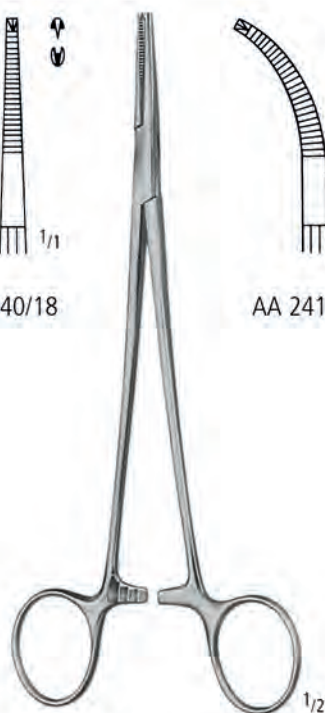
18,5 cm/7 1/3"



AA 240/18



AA 241/18



ADSON 1:2

18,5 cm/7 1/3"



MEEKER



AA 251/18
 18,0 cm/7"



AA 251/28
 28,0 cm/11"

Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



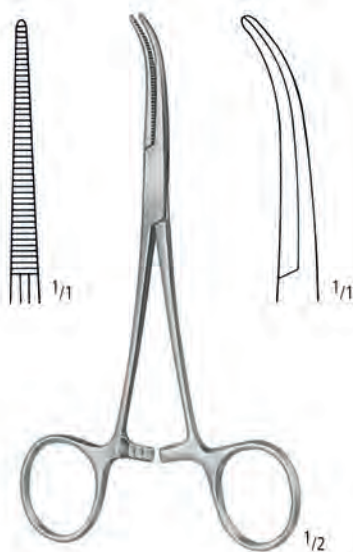
DIXON-LOVELACE

AA 286/15
15,5 cm/6"



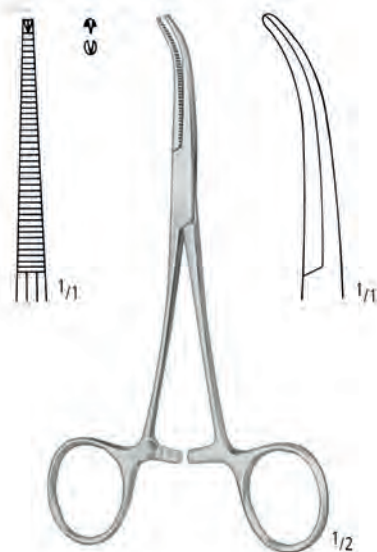
DIXON-LOVELACE 1:2

AA 288/15
15,5 cm/6"



DANDY

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



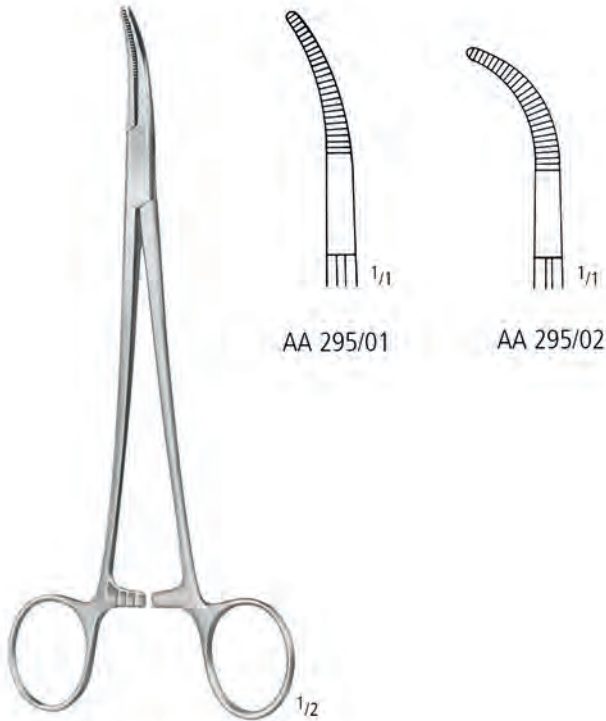
DANDY 1:2

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

KLEMMEN HEMOSTATS PINZAS HEMOSTATICAS PINCES HEMOSTATIQUES PINZE EMOSTATICHE

Arterienklemmen, Tonsillenklemmen
Artery Forceps, Tonsil Hemostatic Forceps
Pinzas hemostáticas, pinzas hemostáticas para amígdalas
Pincers hémostatiques, pincers hémostatiques pour amygdales
Pinze emostatiche, pinze emostatiche per tonsille

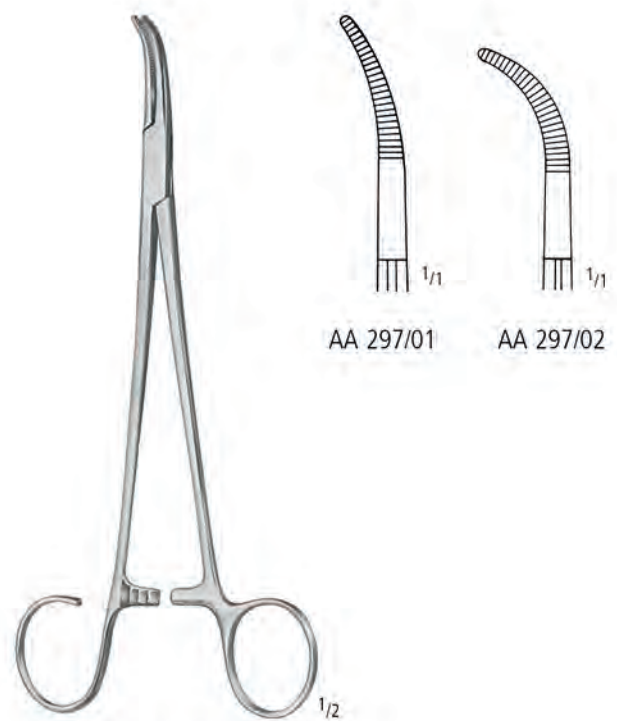
AA



AA 295/01

AA 295/02

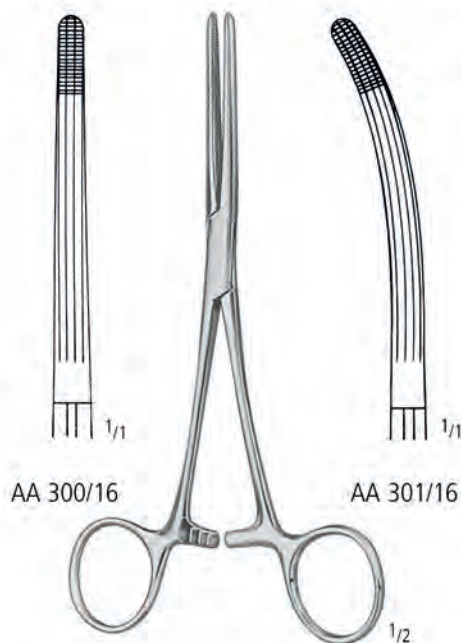
SCHNIDT-SAWTELL
19,0 cm/7 1/2"



AA 297/01

AA 297/02

SCHNIDT-SAWTELL
19,0 cm/7 1/2"



AA 300/16

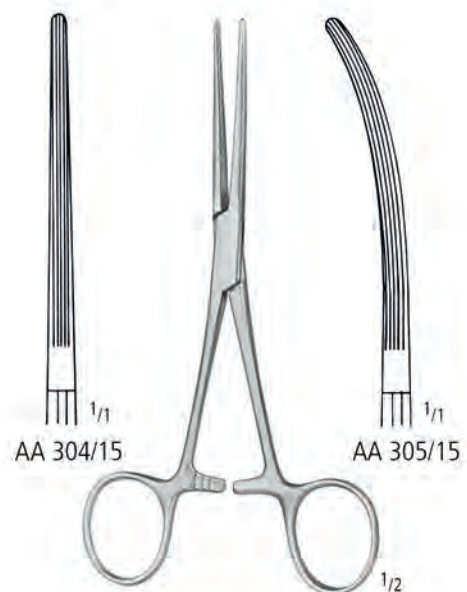
AA 301/16

ROCHESTER-CARMALT

AA 300/16
AA 300/20

16,0 cm/6 1/4"
20,0 cm/8"

AA 301/16
AA 301/20



AA 304/15

AA 305/15

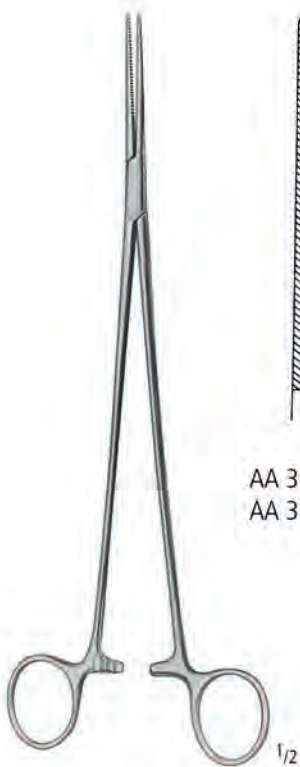
BAINBRIDGE

AA 304/15
AA 304/18

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

AA 305/15
AA 305/18

Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche

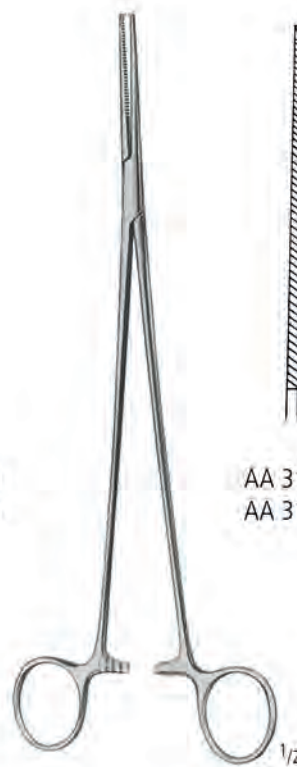


BENGOLEA

AA 310/20
AA 310/26

20,0 cm/8"
26,0 cm/10½"

AA 311/20
AA 311/26



BENGOLEA 1:2

AA 312/20
AA 312/26

20,0 cm/8"
26,0 cm/10½"

AA 313/20
AA 313/26



Aurikelklemmen, Präparier- und Ligaturklemmen
Auricle Forceps, Dissecting and Ligature Forceps
Pinzas para aurícula, Pinzas para preparaciones y ligaduras
Pincers auriculaires, Pincers à disséquer et à ligatures
Pinze auricolari, Pinze per preparazioni e legature

AA

AB

AC

AD

AE

AF

AG

AH

AI

AJ

AK

AL

AM

AN

AO

AP

AQ

AR

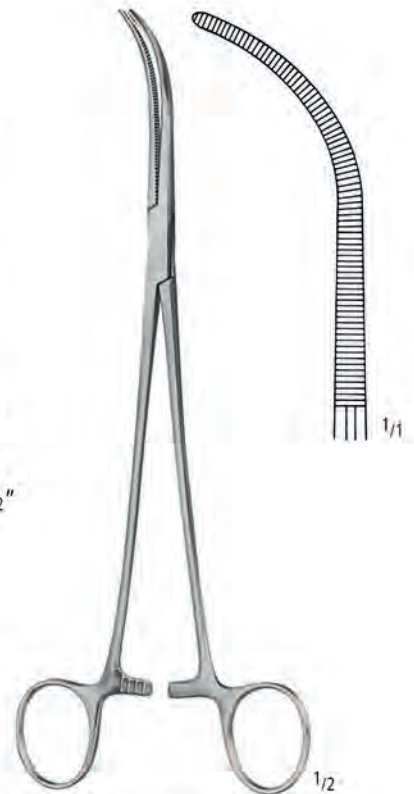


CRAFOORD-SELLORS

AA 317/22
22,0 cm/8³/₄"

AA 317/23
23,0 cm/9"

AA 317/24
24,0 cm/9¹/₂"



OVERHOLT-MIXTER

AA 319/21
21,0 cm/8¹/₄"

Arterienklemmen, Bronchusklemmen
Artery Forceps, Bronchus Forceps
Pinzas hemostáticas, Pinzas-clamps bronquiales
Pincers hémostatiques, Pincers-clamps à bronches
Pinze emostatiche, Pinze per bronchi



Fig. 1
AA 320/01



Fig. 2
AA 320/02



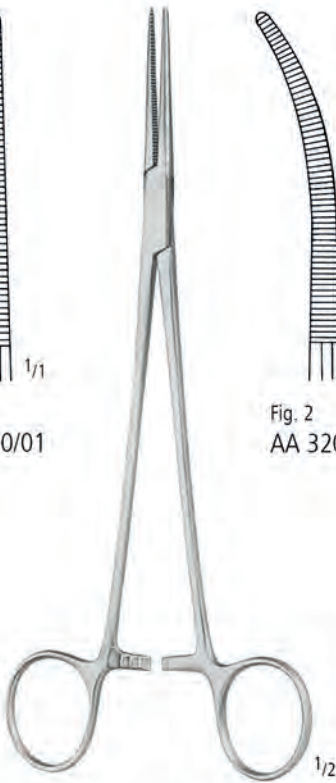
Fig. 3
AA 320/03



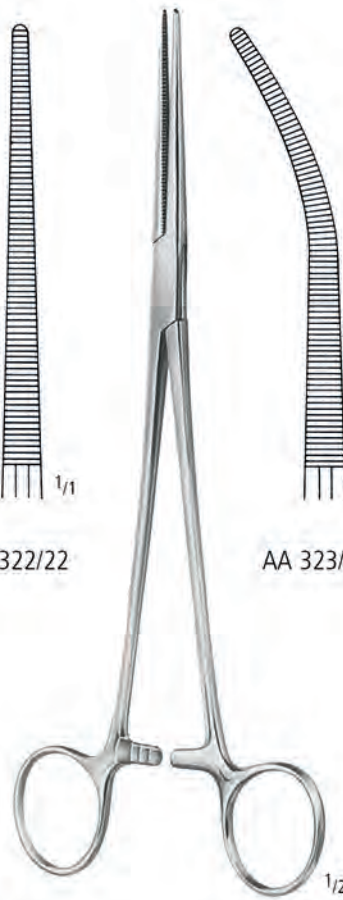
AA 322/22



AA 323/22



HEISS
20,0 cm/8"



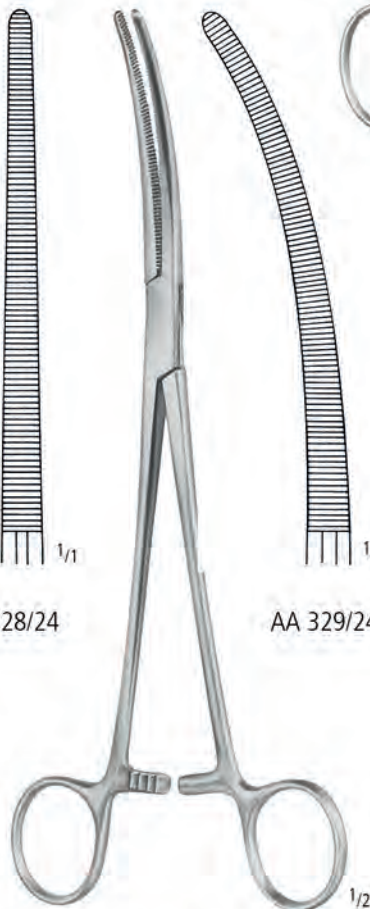
ROBERTS
22,0 cm/8³/₄"



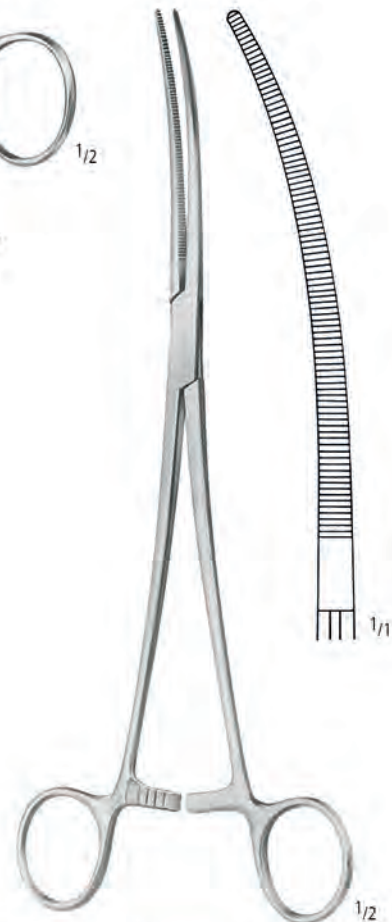
AA 328/24



AA 329/24



SAROT
24,0 cm/9¹/₂"



CRAFOORD
AA 330/24
24,0 cm/9¹/₂"

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

AA



RUMEL
23,0 cm/9"



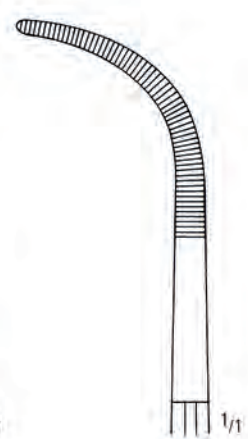
AA 335/01



AA 335/02



AA 335/03



AA 335/04

AA

AA

AA

AA

AA

AA

AA

AA

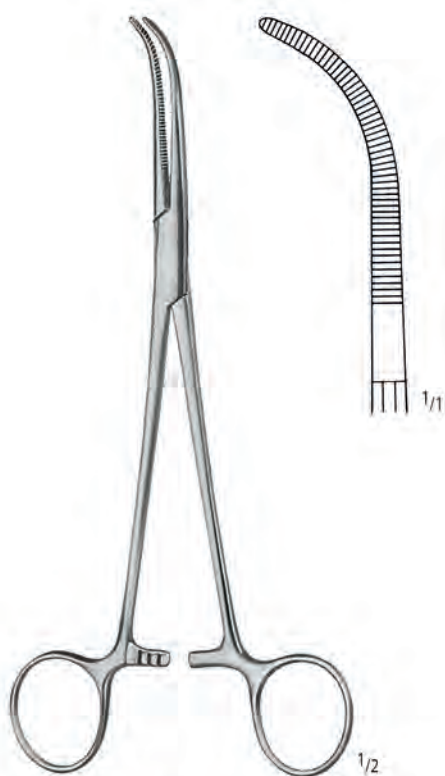
AA

AA

AA

AA

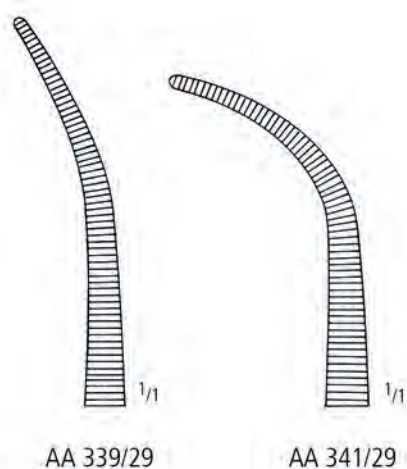
Präparier- und Ligaturklemmen
Dissecting and Ligature Forceps
Pinzas para preparaciones y ligaduras
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



JOHNS HOPKINS
AA 338/20
20,0 cm/8"



ZENKER
29,5 cm/11 1/2"



AA 339/29

AA 341/29

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

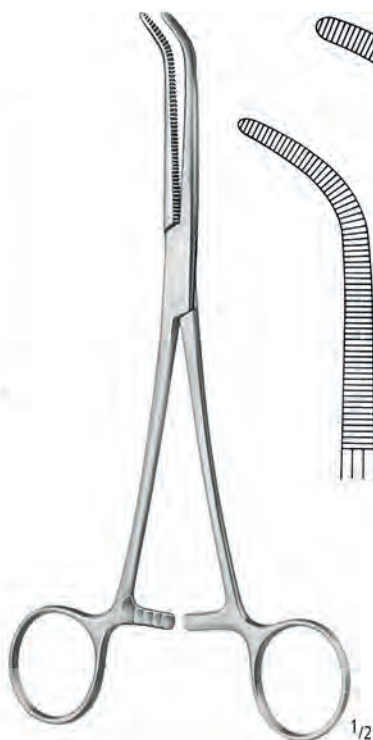
AA



MIXTER

15,5 cm/6"
19,0 cm/7 1/2"

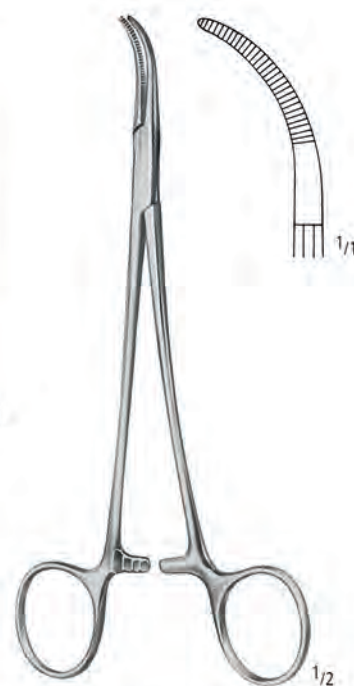
AA 345/15
AA 345/19



MIXTER-O'SHAUGNESSY

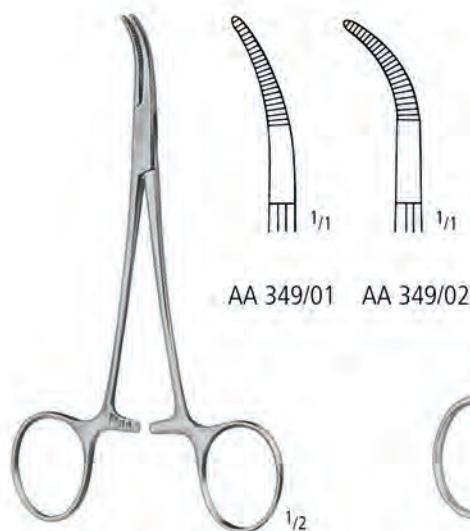
15,5 cm/6"
19,0 cm/7 1/2"

AA 347/15
AA 347/19



BABY-MIXTER

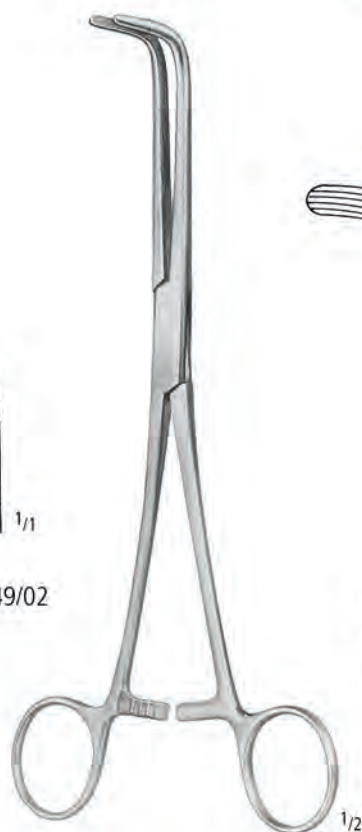
AA 348/18
18,0 cm/7"



AA 349/01 AA 349/02

BABY-MIXTER

14,0 cm/5 1/2"



MIXTER

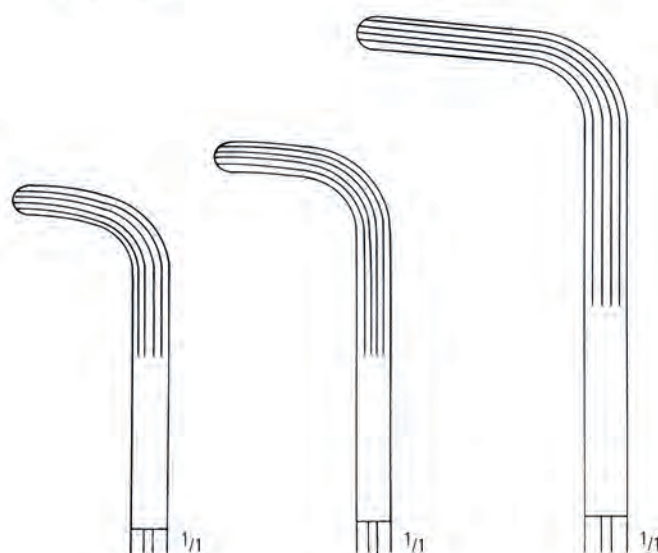


Fig. 1
AA 353/22
22,0 cm/8 3/4"

Fig. 2
AA 353/25
25,0 cm/10"

Fig. 3
AA 353/28
28,0 cm/11"

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



MIXTER
AA 355/23
23,0 cm/9"



AA 358/28



BRIDGE
28,0 cm/11"



AA 359/28



LAWRENCE
AA 361/28
28,0 cm/11"

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

AA



KANTROWITZ



AA 363/20
20,0 cm/8"



AA 363/24
24,0 cm/9 1/2"



AA 363/28
28,0 cm/11"



GEMINI



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



AA 365/18
18,0 cm/7"



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

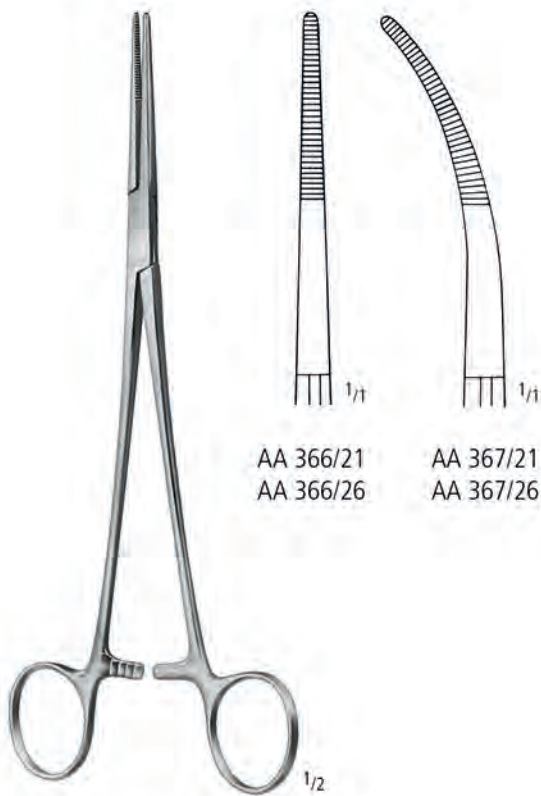


AA 365/25
25,0 cm/10"

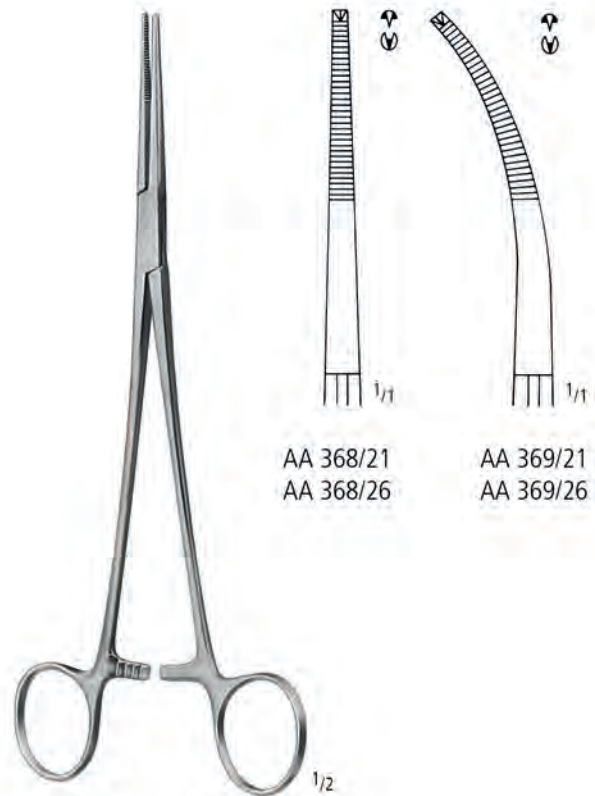


AA 365/28
28,0 cm/11"

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



TOENNIS
21,0 cm/8¹/₄"
26,0 cm/10¹/₂"



TOENNIS 1:2
21,0 cm/8¹/₄"
26,0 cm/10¹/₂"

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

AA

AB

AC

AD

AE

AF

AG

AH

AI

AJ

AK

AL

AM

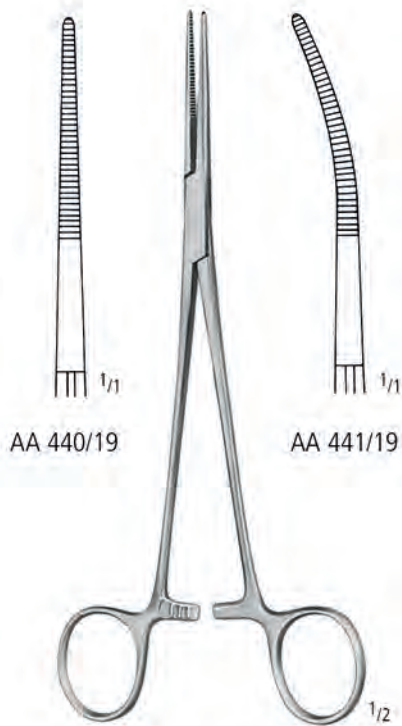
AN

AO

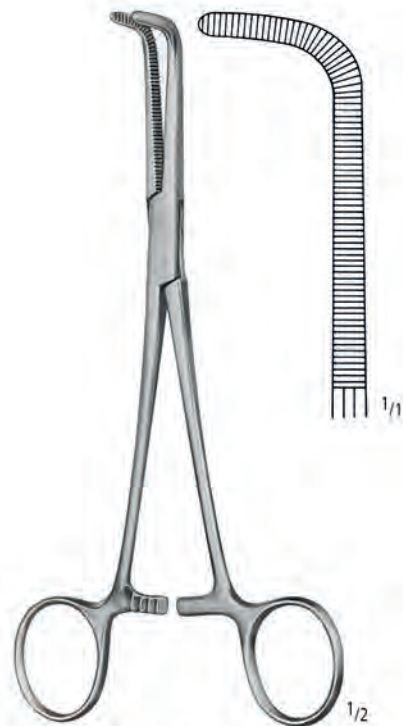
AP

AQ

AR



BIRKETT
 19,0 cm/7 1/2"



WIKSTROEM
 AA 443/19
 19,0 cm/7 1/2"

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



1/2

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



1/2

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



1/2

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



1/2

1/2

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



1/2

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



1/2

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

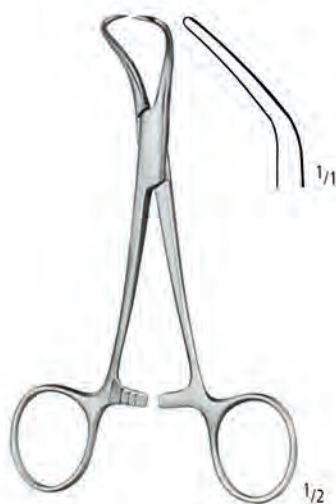
Tuchklemmen
Towel Forceps
Pinzas para compresas, Pinzas de campo
Pinces à champs, Pinces à compresses
Pinze per fissare le compresse (Fissatele)

AA



AA 749/11
11,0 cm/4¹/₃"

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



BACKHAUS

8,0 cm/3" AA 751/08
11,0 cm/4¹/₃" AA 751/11
13,0 cm/5" AA 751/13
15,0 cm/6" AA 751/15



BALL & SOCKET

11,0 cm/4¹/₃" 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



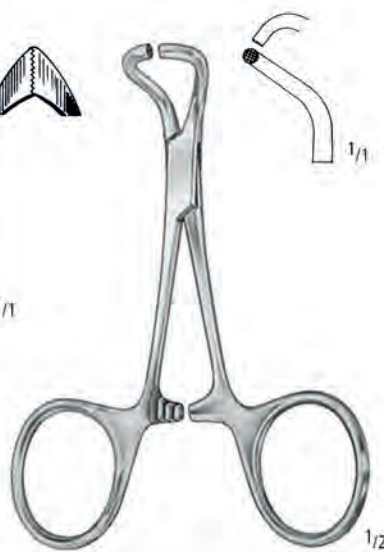
ROEDER

13,0 cm/5" AA 761/13
15,0 cm/6" AA 761/15



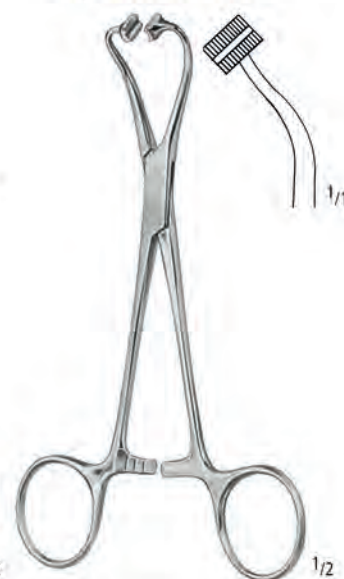
LORNA

10,0 cm/4" AA 763/10
13,0 cm/5" AA 763/13



TOHOKU-JAPAN

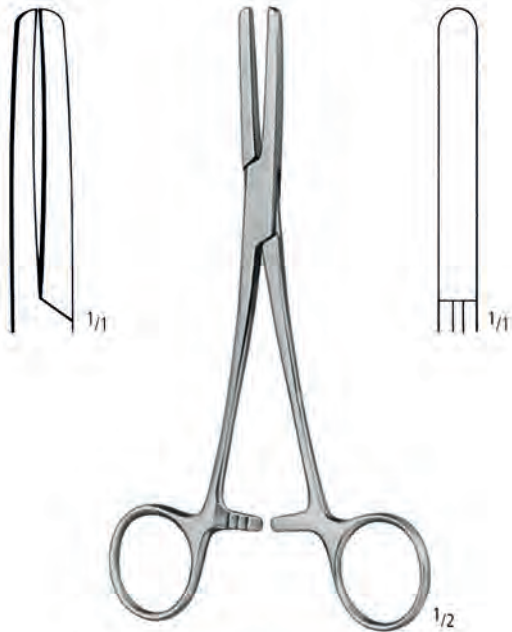
10,0 cm/4" AA 764/10
13,0 cm/5" AA 764/13



PEERS

AA 765/14
14,5 cm/5³/₄"

Schlauchklemmen
Tubing Clamps
Pinzas para tubos
Presses-tube
Pinze serratubi



PRESBYTERIAN

16,5 cm/6 1/2" AA 790/16
18,0 cm/7" AA 790/18

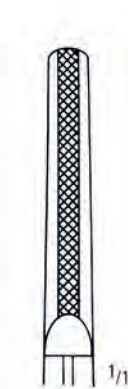


KLINIKUM BERLIN

AA 792/14
14,5 cm/5 3/4"
mit langer Sperre
with long ratchet
con cremallera larga
à crémaillère extra longue
con cremagliera extra lunga



AA 794/15



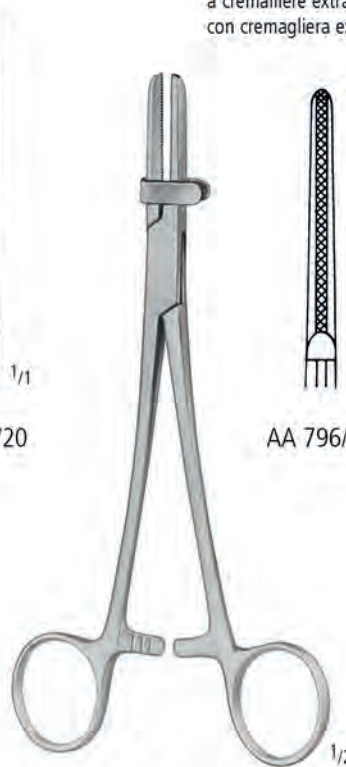
AA 794/18



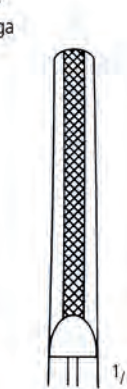
AA 794/20

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

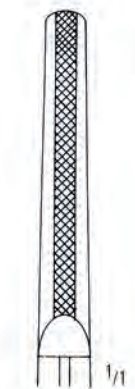
15,5 cm/6"
18,0 cm/7"
20,0 cm/8"



AA 796/15



AA 796/18



AA 796/20

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

tini® instruments

nopa® instruments

titan-nitrid Beschichtung
titan-nitride surface coating



tini

AB

>> Pinzetten • Forceps • Pinzas • Pincers • Pinze



AC

>> Scheren • Scissors • Tijeras • Ciseaux • Forbici



AE

>> Naht • Suture • Sutura • Suture • Sutura



KA

>> Orthopädie • Orthopaedics • Ortopedia • Orthopédie • Ortopedia

KK

>> Herz/Thorax • Cardiovascular • Cardiovascular • Cardiovasculaire • Cardiovascolare

KS

>> Neurochirurgie • Neurosurgery • Neurocirugia • Neurochirurgie • Neurochirurgia

- >> extrem lange Lebensdauer und Einsatzfähigkeit
- >> enorm hohe Verschleißfestigkeit - nur selten Nachschleifen notwendig
- >> blendfreie Oberfläche - keine störenden Lichtreflexionen
- >> mikroglatte Oberfläche - deutlich verbesserte Korrosionsbeständigkeit
- >> titan-nitrid ist gewebeverträglich und biokompatibel
- >> anti-allergene Schutzfunktion
- >> longer durability and usability
- >> enormous high abrasion resistance - sharpening is hardly ever necessary
- >> reduction of reflective glare - no incommoding luminous reflectance
- >> micro-smooth surface - obviously improved corrosion resistance
- >> titan-nitride is tissuecompatible and biocompatible
- >> anallergenic protection



PINZETTEN
FORCEPS
PINZAS
PINCES
PINZE

AB

nopa[®] instruments

Weitere Pinzetten finden Sie in unserem Katalog „Allgemeine Chirurgie“ in Gruppe AB.

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

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

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

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







titan instruments

nopa[®] instruments

Besonderheit:

nopa Titan Instrumente bieten insbesondere in der Herz-Thorax-Chirurgie Vorteile gegenüber herkömmlichen Instrumenten. Titan ist ca. 45% leichter als rostfreier Edelstahl, weshalb Titan Instrumente weniger traumatisierend sind. Titan ist außerdem ein vollkommen korrosionsbeständiges und antimagnetisches Material. **nopa** Titan Instrumente bedeuten größtmöglichen Komfort für den Chirurgen.

Features:

nopa Titan Instruments provide especially in Cardiovascular surgery a significant advantage compared to other Instruments. Titan is approximately 45% lighter than stainless steel. For that reason, Titan Instruments are less traumatic. Besides that, Titan is a completely stainless and anti-magnetic material. **nopa** Titan Instruments are the most comfortable choice for the Cardiovascular surgeon.

AB 100/12 T	ADSON DRESSING FORCEPS 12.0 CM
AB 110/12 T	ADSON TISSUE FCPS. 1X2 TEETH 12.0 CM
AB 116/07 T	ADSON-BROWN TISS. FCPS. STR. 7X7 TEETH 12.0 CM
AB 120/15 T	SEMKEN DRESSING FCPS. STR. 15.5 CM
AB 160/18 T	GERALD DRESSING FCPS. STR. 18.0 CM
AB 170/18 T	GERALD TISSUE FCPS. STR. 1X2 TEETH 17.0 CM
AB 542/15 T	SUTURE TYING FCPS. 0.3 MM STR. 15.0 CM
AB 860/16 T	DE BAKEY ATR. FCPS. STR. 1.5 MM 16.0 CM
AB 860/20 T	DE BAKEY ATR. FCPS. STR. 1.5 MM 20.0 CM
AB 860/24 T	DE BAKEY ATR. FCPS. STR. 1.5 MM 24.0 CM
AB 862/16 T	DE BAKEY ATR. FCPS. STR. 2.0 MM 16.0 CM
AB 862/20 T	DE BAKEY ATR. FCPS. STR. 2.0 MM 20.0 CM
AB 862/24 T	DE BAKEY ATR. FCPS. STR. 2.0 MM 24.0 CM
AB 864/16 T	DE BAKEY ATR. FCPS. STR. 2.8 MM 16.0 CM
AB 864/20 T	DE BAKEY ATR. FCPS. STR. 2.8 MM 20.0 CM



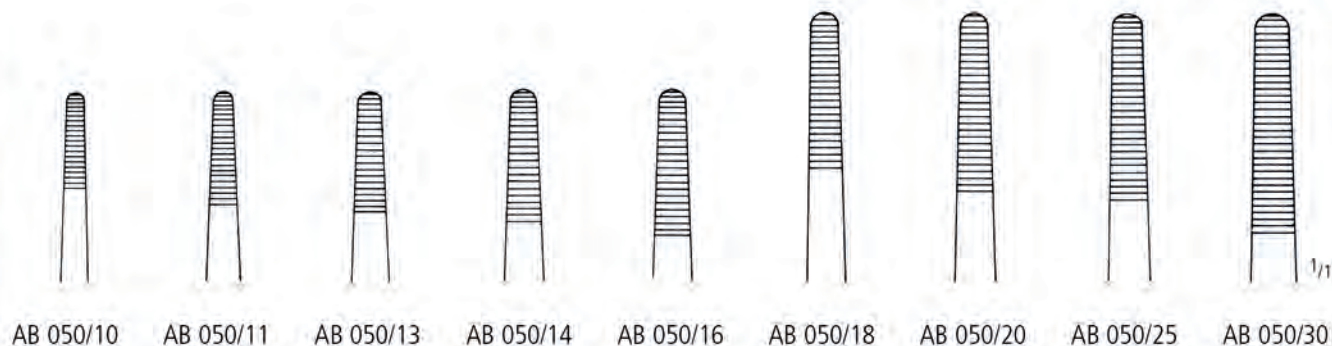


PINZETTEN FORCEPS PINZAS PINCES PINZE

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



1/2

STANDARD


AB 050/10

AB 050/11

AB 050/13

AB 050/14

AB 050/16

AB 050/18

AB 050/20

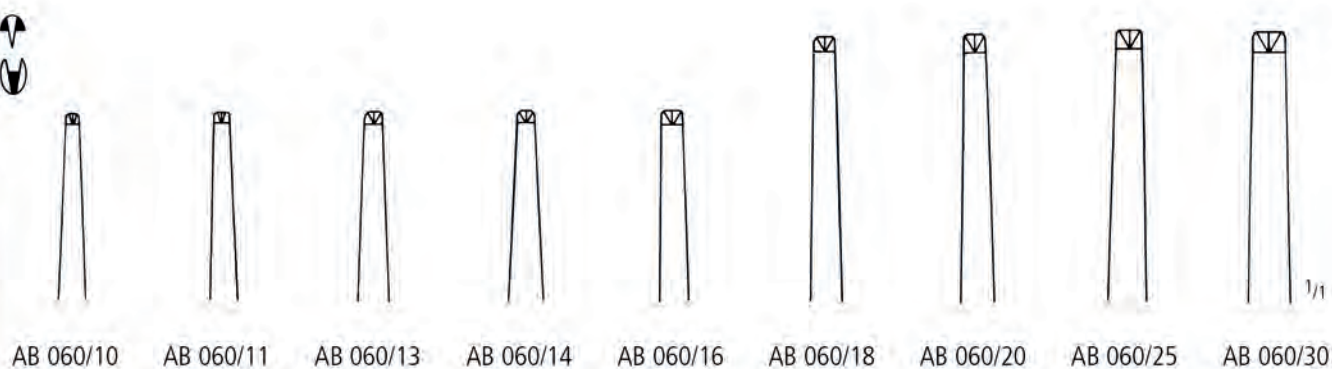
AB 050/25

AB 050/30

10,5 cm/4 1/4"	AB 050/10
11,5 cm/4 1/2"	AB 050/11
13,0 cm/5"	AB 050/13
14,5 cm/5 3/4"	AB 050/14
16,0 cm/6 1/4"	AB 050/16
18,0 cm/7"	AB 050/18
20,0 cm/8"	AB 050/20
25,0 cm/10"	AB 050/25
30,0 cm/12"	AB 050/30



1/2

**1:2
STANDARD**


AB 060/10

AB 060/11

AB 060/13

AB 060/14

AB 060/16

AB 060/18

AB 060/20

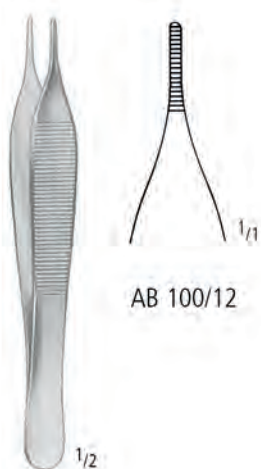
AB 060/25

AB 060/30

10,5 cm/4 1/4"	AB 060/10
11,5 cm/4 1/2"	AB 060/11
13,0 cm/5"	AB 060/13
14,5 cm/5 3/4"	AB 060/14
16,0 cm/6 1/4"	AB 060/16
18,0 cm/7"	AB 060/18
20,0 cm/8"	AB 060/20
25,0 cm/10"	AB 060/25
30,0 cm/12"	AB 060/30

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

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



AB 100/12

1/2

ADSON

AB 100/12
AB 100/15

12,0 cm/4³/₄"
15,0 cm/6"

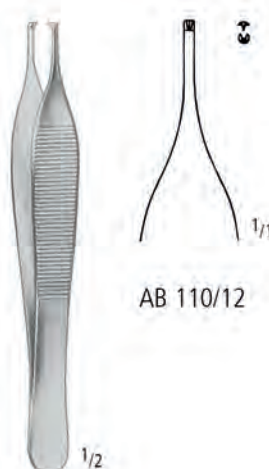


AB 102/12

1/2

MICRO-ADSON

AB 102/12
AB 102/15



AB 110/12

1/2

ADSON 1:2

AB 110/12
AB 110/15



AB 112/12

1/2

MICRO-ADSON 1:2

AB 112/12
AB 112/15

PINZETTEN FORCEPS PINZAS PINCES PINZE

Anatomische Pinzetten, Chirurgische Pinzetten

Dressing Forceps, Tissue Forceps

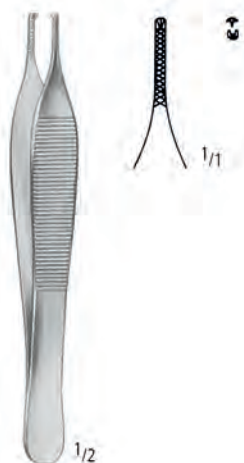
Pinzas de disección, Pinzas de disección con dientes

Pincers à dissection, Pincers à griffes

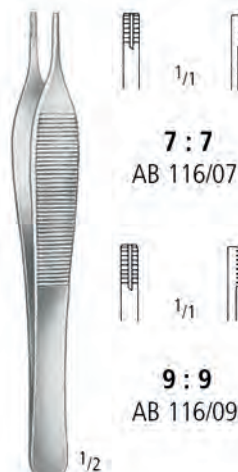
Pinze anatomiche per dissezione, Pinze chirurgiche a denti di topo



ADSON
AB 114/12
12,0 cm/4³/₄"



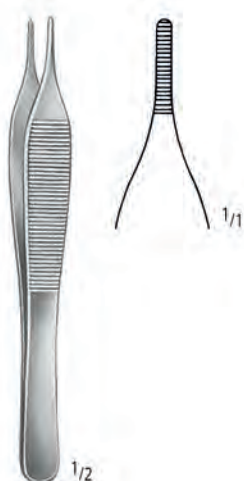
ADSON 1:2
AB 115/12
12,0 cm/4³/₄"



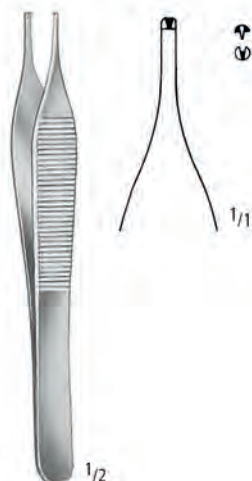
ADSON-BROWN
12,0 cm/4³/₄"



ADSON-BROWN
AB 117/09
12,0 cm/4³/₄"



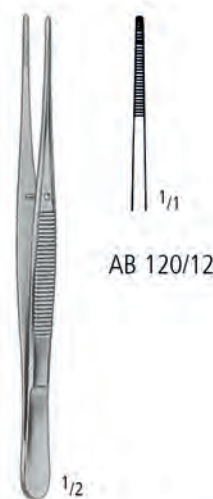
EWALD
AB 118/01
12,0 cm/4³/₄"



EWALD 1:2
AB 118/02
12,0 cm/4³/₄"



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



AB 120/12
AB 120/15

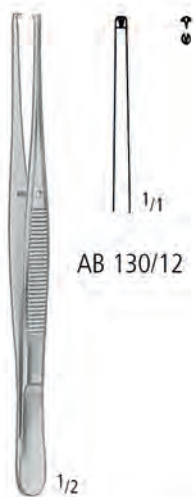


AB 121/12
AB 121/15

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

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 130/12



AB 131/12

AB 130/12 12,5 cm/5"
AB 130/15 15,5 cm/6"
AB 131/12
AB 131/15

SEMKEN 1:2



TAYLOR
AB 140/17
17,5 cm/7"



TAYLOR
AB 141/17
17,5 cm/7"



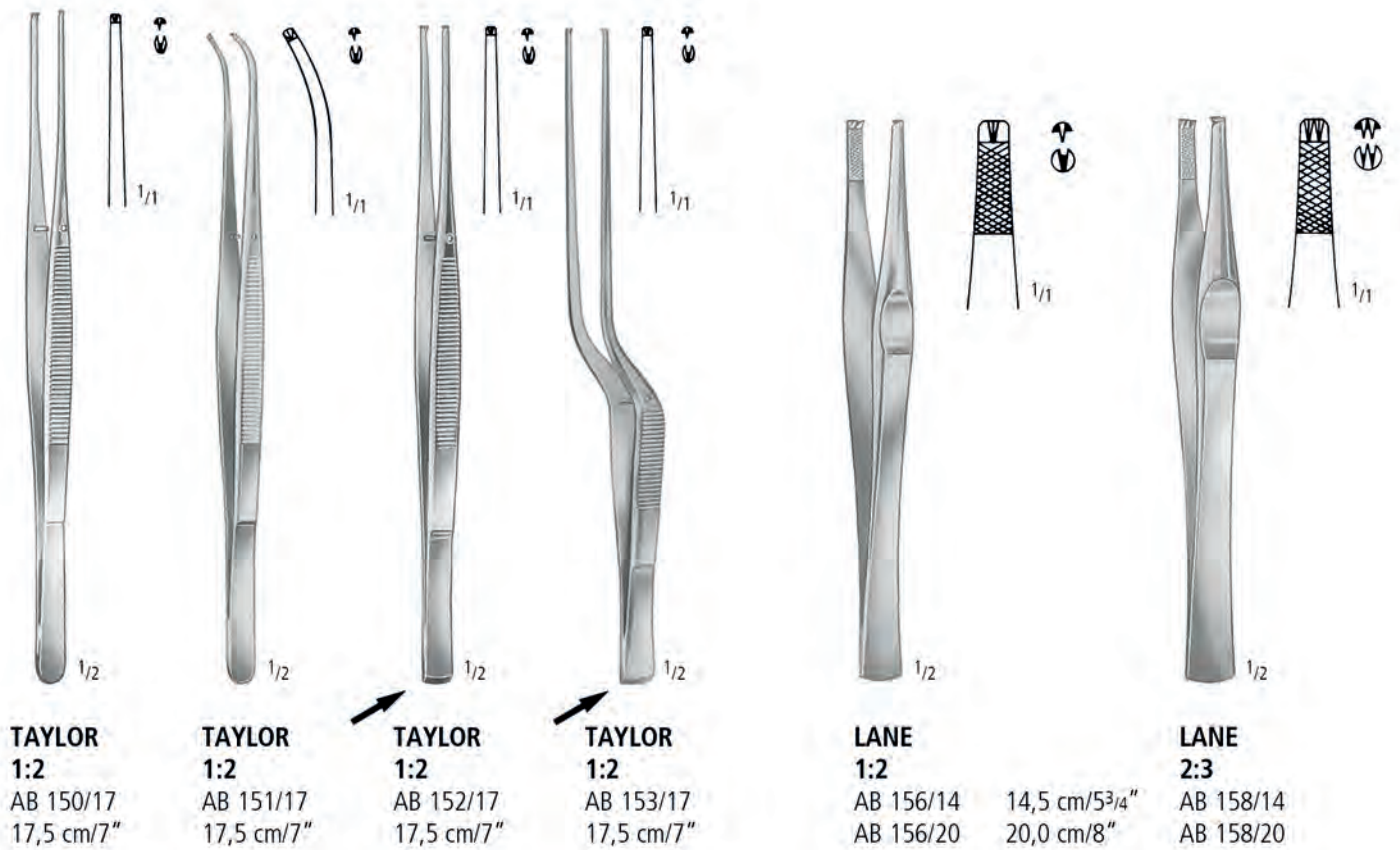
TAYLOR
AB 142/17
17,5 cm/7"



TAYLOR
AB 143/17
17,5 cm/7"

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 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"



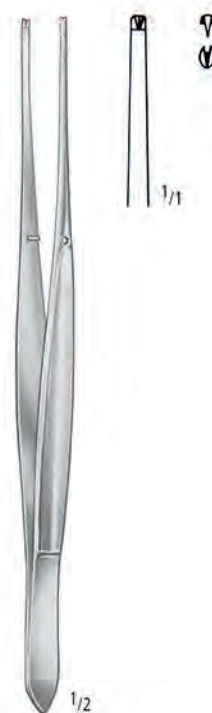
GERALD 1:2
AB 171/18



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

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 200/18

POTTS-SMITH

1/2

18,0 cm/7"
21,0 cm/8 1/4"
25,0 cm/10"

AB 200/18
AB 200/21
AB 200/25



AB 201/18

AB 201/18
AB 201/21
AB 201/25

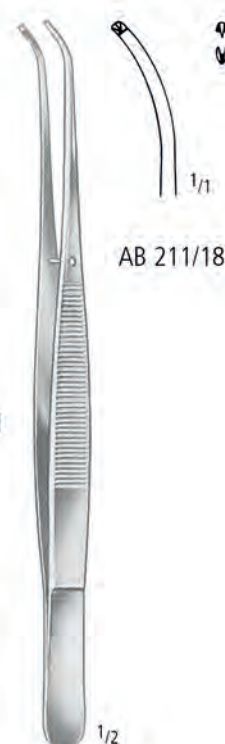


AB 210/18

**POTTS-SMITH
1:2**

1/2

AB 210/18
AB 210/21
AB 210/25



AB 211/18

AB 211/18
AB 211/21
AB 211/25



BROPHY

1/2

20,0 cm/8"

AB 250/20



AB 251/20



**BROPHY
1:2**

1/2

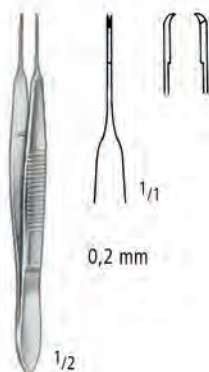
AB 260/20



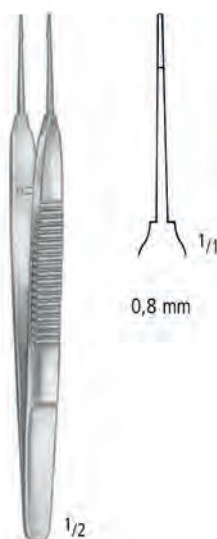
AB 261/20

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 legature con piattaforma



1:2
 AB 530/09
 9,5 cm/3³/₄"



AUSTIN
 AB 532/14
 14,0 cm/5¹/₂"



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

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 legature con piattaforma, Dilatatore per vasi



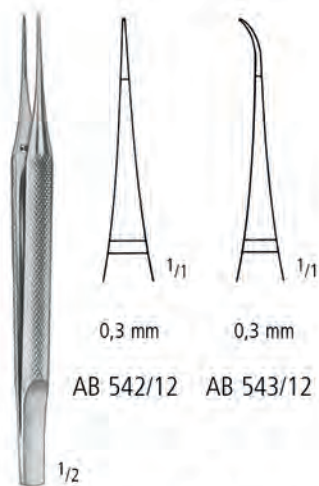
AB 536/14
 14,0 cm/5 1/2"



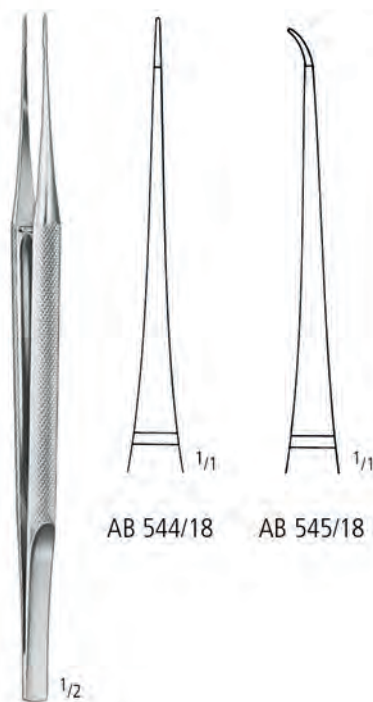
AB 538/14 **1:2**
 14,0 cm/5 1/2"



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



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



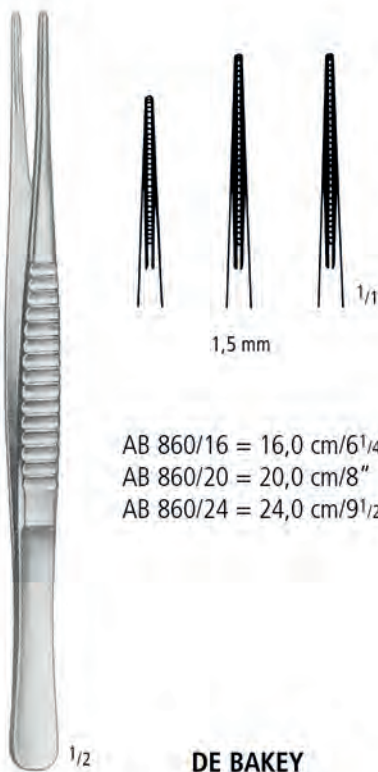
18,0 cm/7"



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

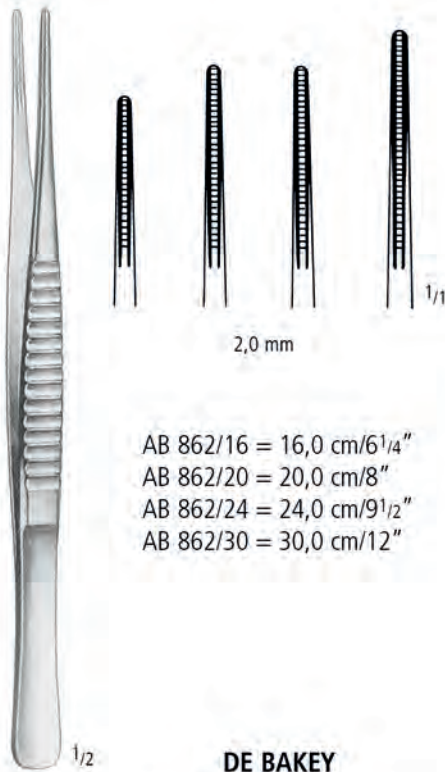
AB PINZETTEN FORCEPS PINZAS PINCES PINZE

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



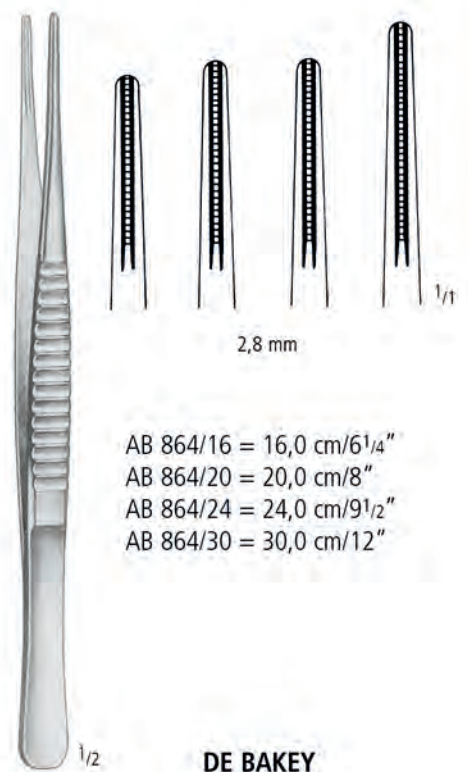
AB 860/16 = 16,0 cm/6¹/₄"
AB 860/20 = 20,0 cm/8"
AB 860/24 = 24,0 cm/9¹/₂"

DE BAKAY



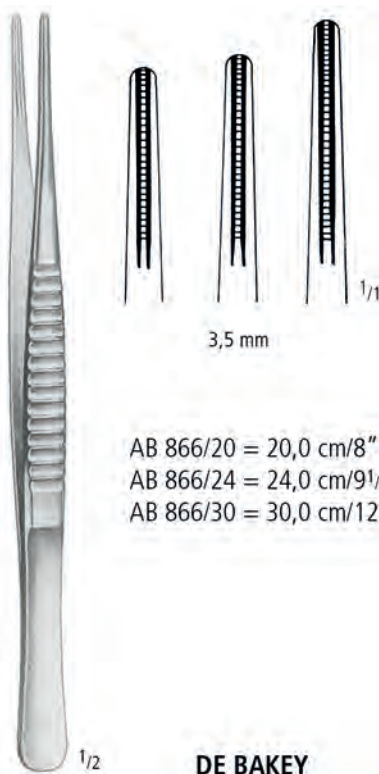
AB 862/16 = 16,0 cm/6¹/₄"
AB 862/20 = 20,0 cm/8"
AB 862/24 = 24,0 cm/9¹/₂"
AB 862/30 = 30,0 cm/12"

DE BAKAY



AB 864/16 = 16,0 cm/6¹/₄"
AB 864/20 = 20,0 cm/8"
AB 864/24 = 24,0 cm/9¹/₂"
AB 864/30 = 30,0 cm/12"

DE BAKAY



AB 866/20 = 20,0 cm/8"
AB 866/24 = 24,0 cm/9¹/₂"
AB 866/30 = 30,0 cm/12"

DE BAKAY



AB 869/16 = 16,0 cm/6¹/₄"
AB 869/20 = 20,0 cm/8"
AB 869/24 = 24,0 cm/9¹/₂"
AB 869/30 = 30,0 cm/12"

DE BAKAY

PINZETTEN FORCEPS PINZAS PINCES PINZE

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

AB

AC

AD

AE

AF

AG

AH

AI

AJ

AK

AL

AM

AN

AO

AP

AQ

AR

AS

AT



1/2

POTTS-SMITH



1/1

AB 880/15
15,0 cm/6"



1/1

AB 880/18
18,0 cm/7"



1/1

AB 880/20
20,0 cm/8"



1/1

AB 880/23
23,0 cm/9"



1/1

AB 880/25
25,0 cm/10"



1/2

OEHLER 1:2



1/1

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



1/1

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



1/1

AB 882/18
18,0 cm/7"



1/1

AB 882/20
20,0 cm/8"



1/1

AB 882/25
25,0 cm/10"



1/1

AB 882/30
30,0 cm/12"

nopa[®]
TUE



1/2

SEMKEN

AB 890/12
AB 890/15



1/1

AB 890/12

12,5 cm/5"
15,5 cm/6"



1/2

GILLIES 1:2

AB 900/15
15,0 cm/6"



1/1



1/2

JEWELER

AB 902/15
15,0 cm/6"



1/1

AB PINZETTEN FORCEPS PINZAS PINCES PINZE

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

nopa®
TUE



AB 930/12
12,0 cm/4³/₄"



AB 932/12
12,0 cm/4³/₄"



AB 930/15
15,0 cm/6"



AB 932/15
15,0 cm/6"



ADSON



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"



PINZETTEN FORCEPS PINZAS PINCES PINZE

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

nopa[®]
TUC


DE BAKEY
 16,0 cm/6 1/4"
 20,0 cm/8"
 24,0 cm/9 1/2"

	1,5 mm	2,0 mm
AB 944/16		AB 946/16
AB 944/20		AB 946/20
AB 944/24		AB 946/24



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



WANGENSTEEN

AB 950/15
 15,0 cm/6"

AB 950/23
 23,0 cm/9"



SCHEREN
SCISSORS
TIJERAS
CISEAUX
FORBICI

AC

nopa[®] instruments

Weitere Scheren finden Sie in unserem Katalog
„Allgemeine Chirurgie“ in Gruppe AC.

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

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

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

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



nopa[®] SC SUPER CUT


SUPER CUT

Besonderheit:

nopa Super Cut Scheren haben eine rasierklingenscharfe 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.

Verfügbare Modelle / Available Patterns

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

AC	110/18	SC	METZENBAUM-NELSON SCS. STR. BL/BL	18.0 CM	SC
AC	110/20	SC	METZENBAUM-NELSON SCS. STR. BL/BL	20.0 CM	SC
AC	110/23	SC	METZENBAUM-NELSON SCS. STR. BL/BL	23.0 CM	SC
AC	111/18	SC	METZENBAUM-NELSON SCS. CVD. BL/BL	18.0 CM	SC
AC	111/20	SC	METZENBAUM-NELSON SCS. CVD. BL/BL	20.0 CM	SC
AC	111/23	SC	METZENBAUM-NELSON SCS. CVD. BL/BL	23.0 CM	SC
AC	141/14	SC	METZENBAUM-DELICATE SCS. BL/BL CVD.	14.5 CM	SC
AC	151/18	SC	METZENBAUM-DELICATE SCS. BL/BL CVD.	18.0 CM	SC
AC	214/15	SC	REYNOLDS DISS. SCS. STR. SH/SH	15.0 CM	SC
AC	214/18	SC	REYNOLDS DISS. SCS. CVD. SH/SH	18.0 CM	SC
AC	450/11	SC	IRIS SCS. STR. SH/SH	11.5 CM	SC
AC	451/11	SC	IRIS SCS. CVD. SH/SH	11.5 CM	SC
AC	476/11	SC	STEVENS TENOTOMY SCS. STR. BL/BL	11.5 CM	SC
AC	477/11	SC	STEVENS TENOTOMY SCS. CVD. BL/BL	11.5 CM	SC



titan instruments

nopa[®] instruments

Besonderheit:

nopa Titan Instrumente bieten insbesondere in der Herz-Thorax-Chirurgie Vorteile gegenüber herkömmlichen Instrumenten. Titan ist ca. 45% leichter als rostfreier Edelstahl, weshalb Titan Instrumente weniger traumatisierend sind. Titan ist außerdem ein vollkommen korrosionsbeständiges und antimagnetisches Material. **nopa** Titan Instrumente bedeuten größtmöglichen Komfort für den Chirurgen.

Features:

nopa Titan Instruments provide especially in Cardiovascular surgery a significant advantage compared to other Instruments. Titan is approximately 45% lighter than stainless steel. For that reason, Titan Instruments are less traumatic. Besides that, Titan is a completely stainless and anti-magnetic material. **nopa** Titan Instruments are the most comfortable choice for the Cardiovascular surgeon.

AC 870/11 T	MICRO SCISSORS 18.0 CM, 25°
AC 870/12 T	MICRO SCISSORS 18.0 CM, 45°
AC 870/13 T	MICRO SCISSORS 18.0 CM, 60°
AC 870/14 T	MICRO SCISSORS 18.0 CM, 90°
AC 870/15 T	MICRO SCISSORS 18.0 CM, 125°
AC 871/11 T	MICRO SCISSORS 18.0 CM, 25°
AC 871/12 T	MICRO SCISSORS 18.0 CM, 45°
AC 871/13 T	MICRO SCISSORS 18.0 CM, 60°
AC 871/14 T	MICRO SCISSORS 18.0 CM, 90°
AC 871/15 T	MICRO SCISSORS 18.0 CM, 125°





SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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



METZENBAUM-NELSON



METZENBAUM-NELSON



Fig. 1



Fig. 2



Fig. 3

18,0 cm/7"	AC 110/18*	AC 111/18*	AC 120/18	AC 121/18	AC 130/18	AC 131/18
20,0 cm/8"	AC 110/20*	AC 111/20*	AC 120/20	AC 121/20	AC 130/20	AC 131/20
23,0 cm/9"	AC 110/23*	AC 111/23*	AC 120/23	AC 121/23	AC 130/23	AC 131/23
25,0 cm/10"	AC 110/25	AC 111/25	AC 120/25	AC 121/25	AC 130/25	AC 131/25
28,0 cm/11"	AC 110/28	AC 111/28	AC 120/28	AC 121/28	AC 130/28	AC 131/28
30,0 cm/12"	AC 110/30	AC 111/30	AC 120/30	AC 121/30	AC 130/30	AC 131/30

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

METZENBAUM-DELICATE

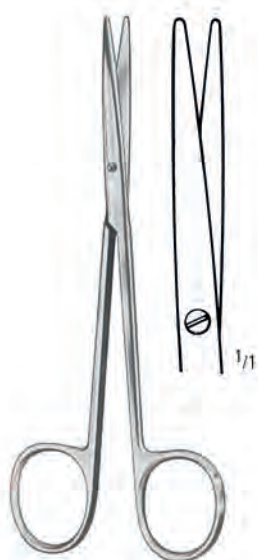


Fig. 1
AC 140/14
14,5 cm/5³/₄"



Fig. 1
AC 141/14*
14,5 cm/5³/₄"

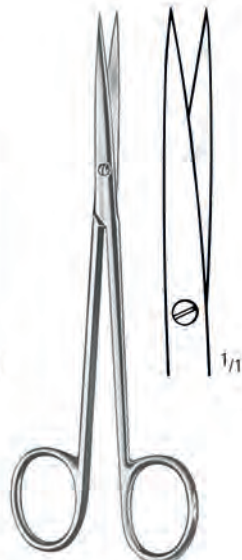


Fig. 3
AC 142/14
14,5 cm/5³/₄"



Fig. 3
AC 143/14
14,5 cm/5³/₄"

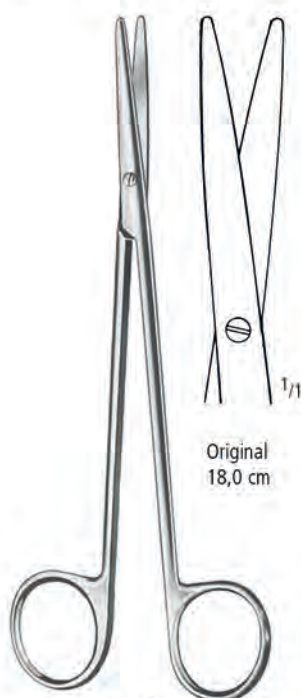


Fig. 1

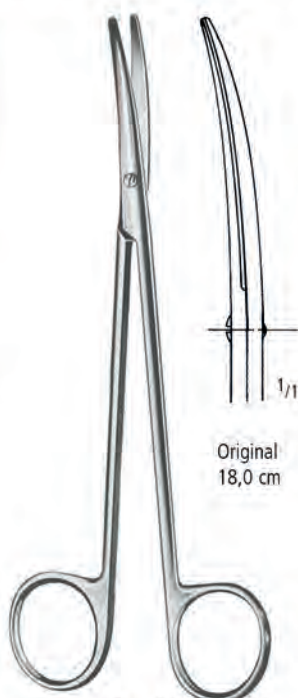


Fig. 1

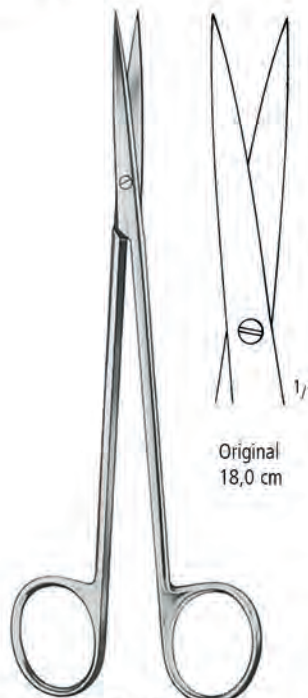


Fig. 3

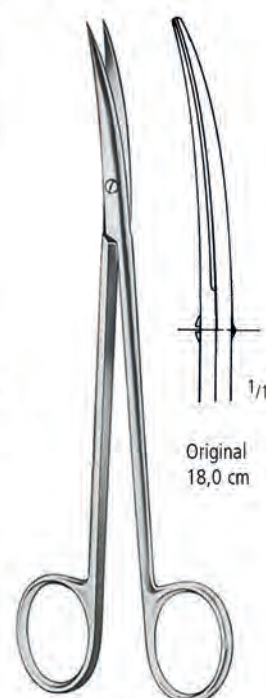


Fig. 3

18,0 cm/7"	AC 150/18	AC 151/18*	AC 152/18	AC 153/18
20,0 cm/8"	AC 150/20	AC 151/20	AC 152/20	AC 153/20
23,0 cm/9"	AC 150/23	AC 151/23	AC 152/23	AC 153/23
25,0 cm/10"			AC 152/25	AC 153/25
28,0 cm/11"			AC 152/28	AC 153/28
30,0 cm/12"			AC 152/30	AC 153/30

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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

AA

AB

AC

AD

AE

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AH

AI

AJ

AK

AL

AM

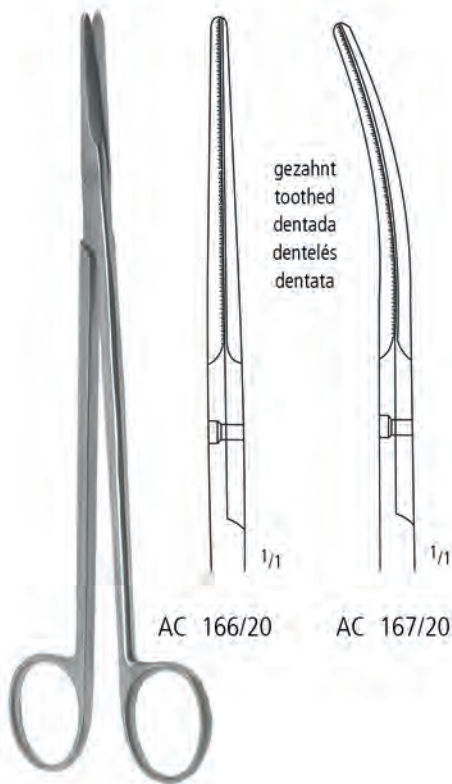
AN

AO

AP

AQ

AR



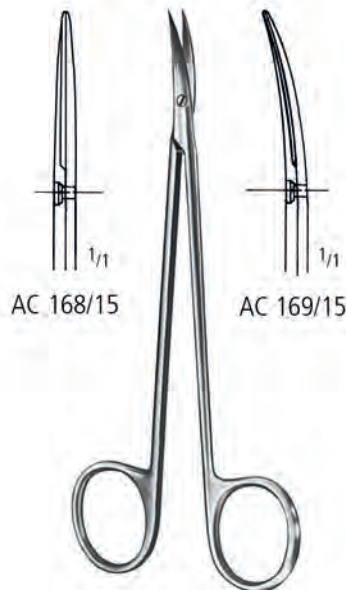
AC 166/20

AC 167/20

GORNEY

19,5 cm/7³/₄"

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



AC 168/15

AC 169/15

15,0 cm/6"



LEXER

AC 170/16

16,0 cm/6¹/₄"



LEXER

AC 171/16

16,0 cm/6¹/₄"

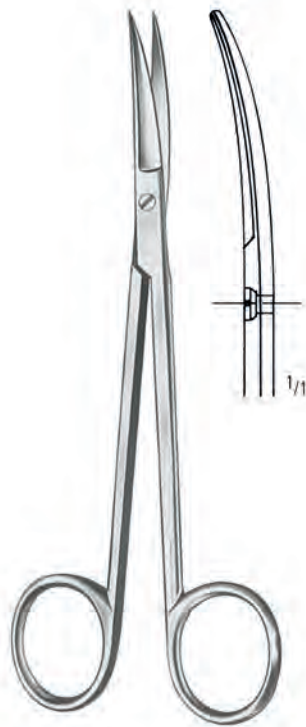
AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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



SANVENERO

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

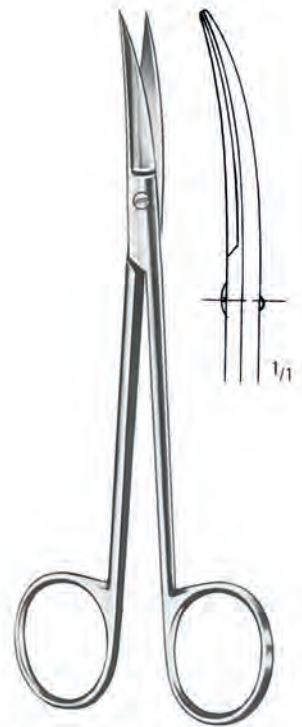


AC 201/14
14,0 cm/5 1/2"



JOSEPH

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

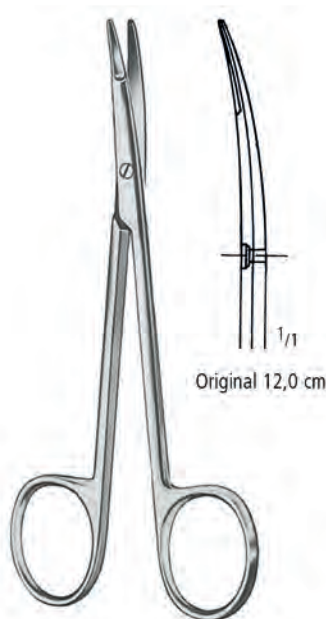


AC 205/14
14,0 cm/5 1/2"



KILNER (RAGNELL)

AC 208/12	12,0 cm/4 3/4"	AC 210/12
AC 208/15	15,0 cm/6"	AC 210/15
AC 208/18	18,0 cm/7"	AC 210/18
AC 208/20	20,0 cm/8"	AC 210/20

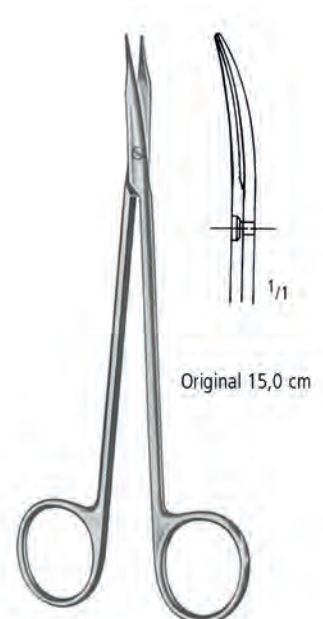


Original 12,0 cm



REYNOLDS

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



Original 15,0 cm

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Scheren für Gefäß-Chirurgie
Scissors for Vascular Surgery
Tijeras para cirugía vasculares
Ciseaux pour chirurgie vasculaire
Forbici per chirurgia vascolare



25°

AC 219/25



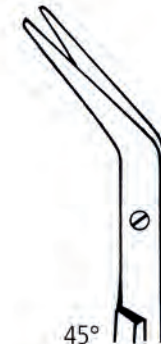
25°

AC 220/16	16,0 cm/6 1/4"
AC 220/19	19,0 cm/7 1/2"
AC 220/23	23,0 cm/9"
AC 220/28	28,0 cm/11"



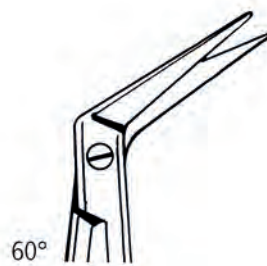
45°

AC 219/45



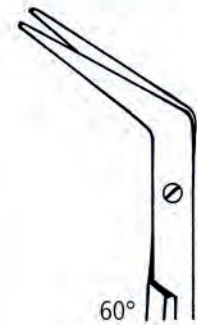
45°

AC 221/16	16,0 cm/6 1/4"
AC 221/19	19,0 cm/7 1/2"
AC 221/23	23,0 cm/9"
AC 221/28	28,0 cm/11"



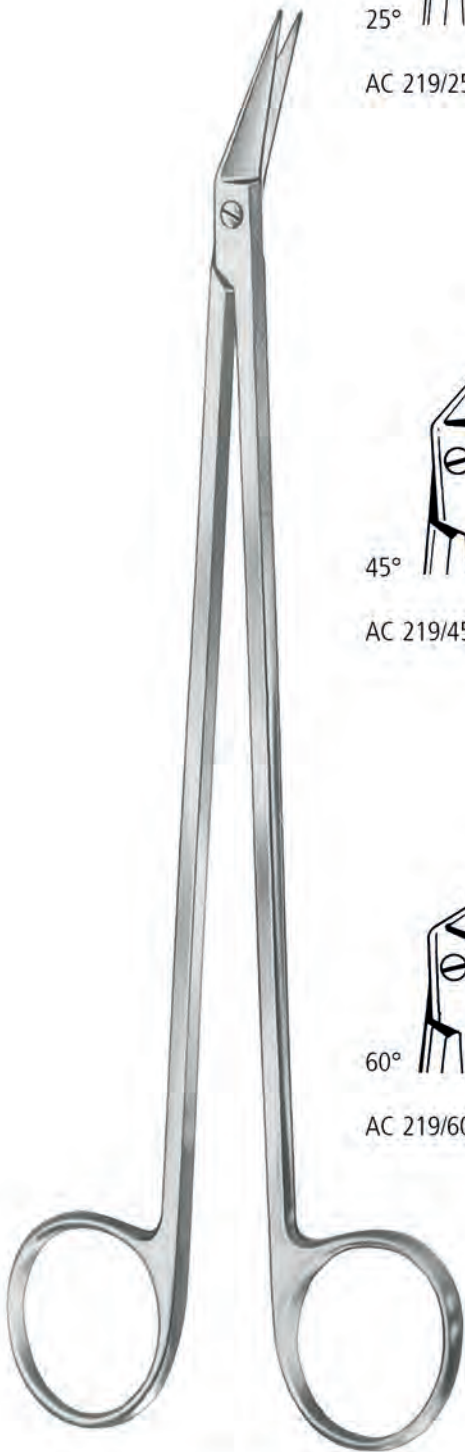
60°

AC 219/60

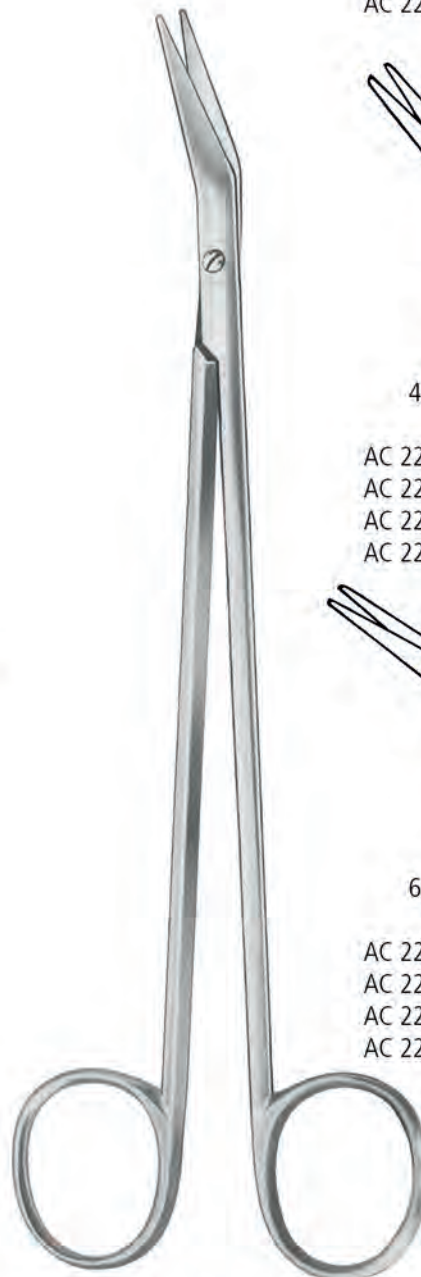


60°

AC 222/16	16,0 cm/6 1/4"
AC 222/19	19,0 cm/7 1/2"
AC 222/23	23,0 cm/9"
AC 222/28	28,0 cm/11"



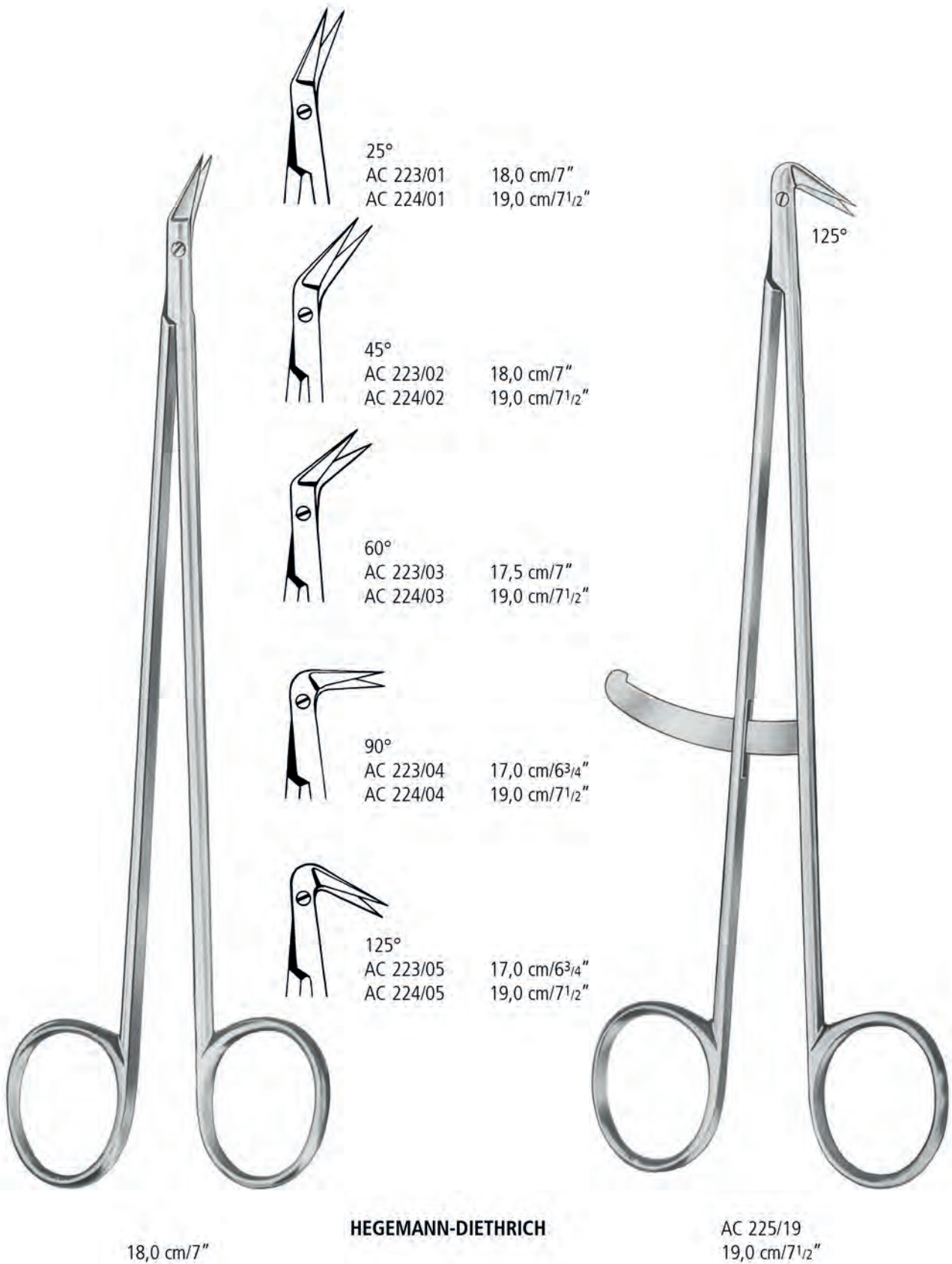
POTT-SMITH
19,0 cm/7 1/2"



DE BAKEY

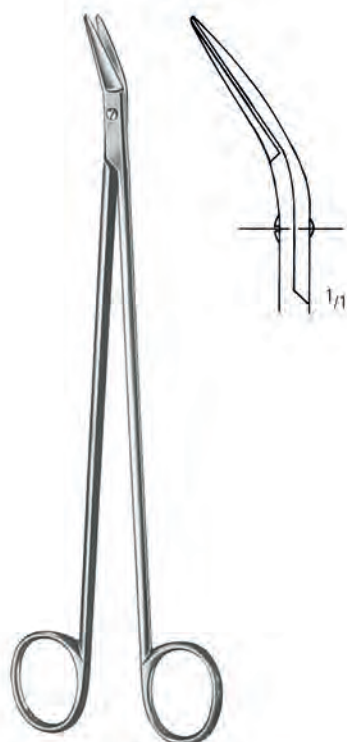
AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Scheren für Gefäß-Chirurgie
Scissors for Vascular Surgery
Tijeras para cirugía vasculares
Ciseaux pour chirurgie vasculaire
Forbici per chirurgia vascolare



SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Scheren für Gefäß- und Neurochirurgie
Scissors for Vascular and Neuro Surgery
Tijeras para cirugía vasculares y neurocirugía
Ciseaux pour chirurgie vasculaire et neurochirurgie
Forbici vascolari, Forbici per neurochirurgia


POTTS-SMITH

AC 227/19
19,5 cm/7³/₄"

Coronar-Schere
Coronary-Scissors
Tijeras coronarias
Ciseaux coronaires
Forbici coronaria



AC 228/11
11,5 cm/4¹/₂"



AC 230/14
14,5 cm/5³/₄"

geknöpft
probe pointed
con botón
boutonne
bottenuto



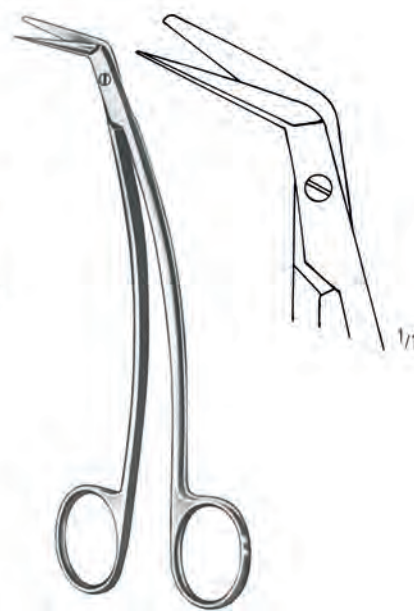
AC 231/22
22,0 cm/8³/₄"

STRULLY


AC 232/22
22,0 cm/8³/₄"



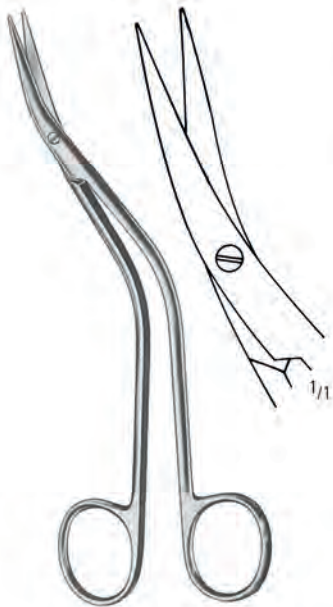
DANDY
AC 233/17
17,0 cm/6³/₄"



FAVALORO
AC 234/15
15,0 cm/6"

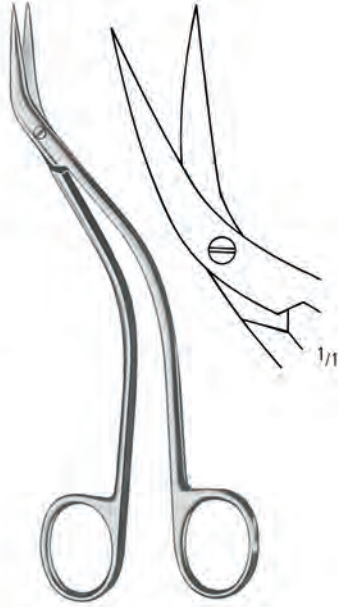
AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Scheren für Gefäß- und Neurochirurgie
Scissors for Vascular and Neuro Surgery
Tijeras para cirugía vasculares y neurocirugía
Ciseaux pour chirurgie vasculaire et neurochirurgie
Forbici vascolari, Forbici per neurochirurgia



DE BAKEY

AC 235/15
15,5 cm/6"



AC 236/15
15,5 cm/6"



POTTS-DE MARTEL

AC 237/21
21,0 cm/8 1/4"



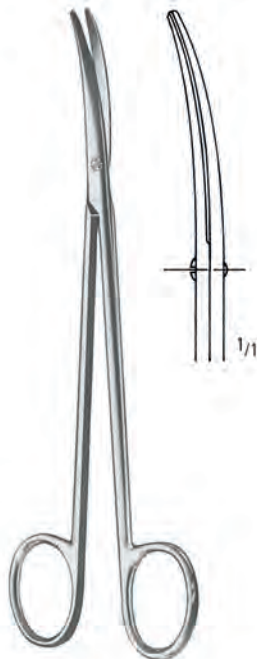
MILLS

AC 238/21
21,0 cm/8 1/4"



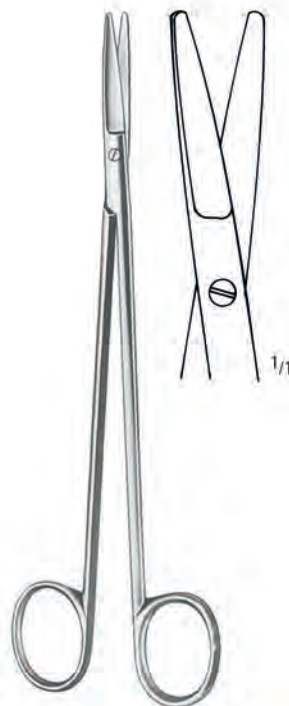
SCHMIEDEN-TAYLOR

14,5 cm/5 1/2" AC 241/15
17,0 cm/6 3/4" AC 241/17



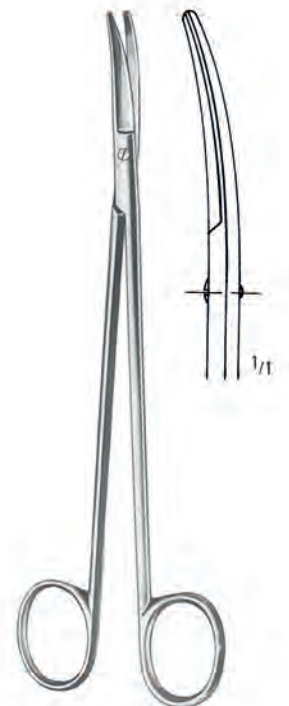
TOENNIS-ADSON

AC 247/17
17,5 cm/7"



TOENNIS

AC 248/18
18,0 cm/7"



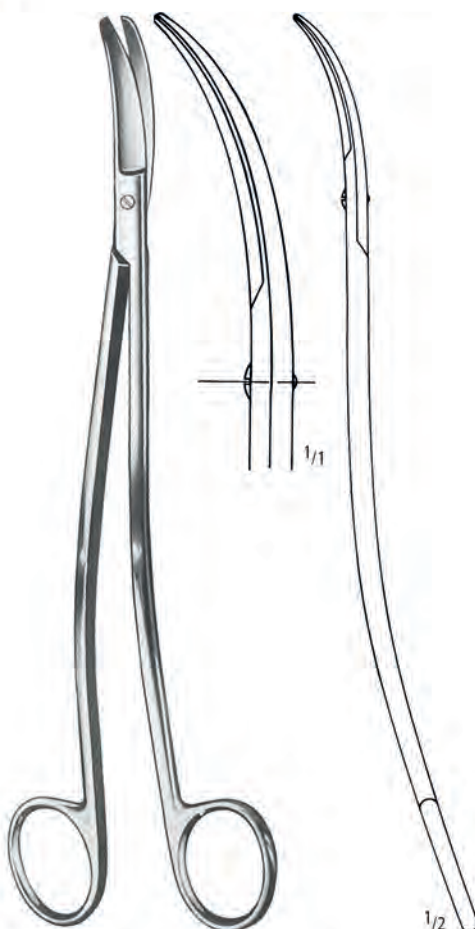
AC 249/18
18,0 cm/7"

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Scheren für Gefäß- und Neurochirurgie
Scissors for Vascular and Neuro Surgery
Tijeras para cirugía vasculares y neurocirugía
Ciseaux pour chirurgie vasculaire et neurochirurgie
Forbici vascolari, Forbici per neurochirurgia



KLINKENBERGH-LOTH
AC 250/23
23,0 cm/9"



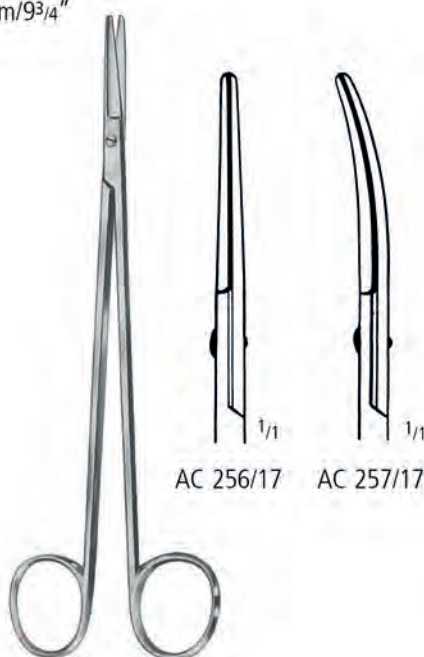
SATINSKY
AC 251/24
24,5 cm/9³/₄"



LINCOLN
17,0 cm/6³/₄"



FULTON
AC 255/17
17,0 cm/6³/₄"



CHURCH
17,0 cm/6³/₄"



CLASSON
AC 258/17
17,0 cm/6³/₄"

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Knorpel-, Lungenlappen-, Darm- und Anatomiescheren
 Cartilage-, Lobectomy-, Enterotomy- and Dissecting Scissors
 Tijeras para cartilago, lobectomia, enterótomos y disección
 Ciseaux pour le cartilage, à lobectomie, à épisiotomie et à préparation
 Forbici per cartilagini, lobectomia, episiotomia e anatomia

**MARTIN-CARTILAGE**

AC 275/20
 20,0 cm/8"

MC INDOE

AC 276/19
 19,0 cm/7½"

POTTS-SMITH

AC 277/19
 19,0 cm/7½"

CRAFOORD

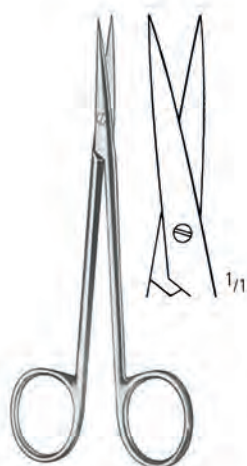
AC 280/30
 30,0 cm/12"

FINOCHIETTO

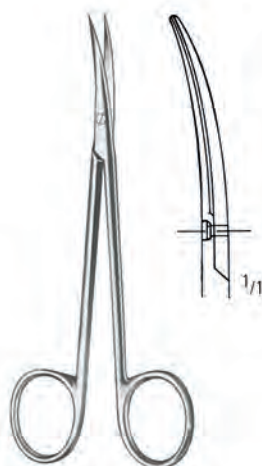
AC 281/27
 27,0 cm/10¾"

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

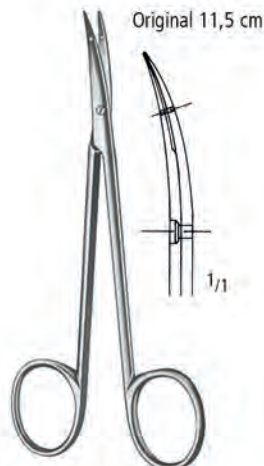
Feine Scheren
Fine Scissors
Tijeras finas
Ciseaux fins
Forbici fini



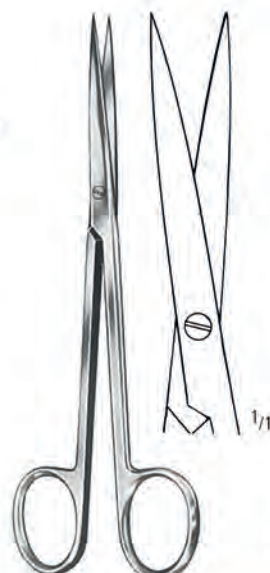
AC 410/11
11,5 cm/4 1/2"



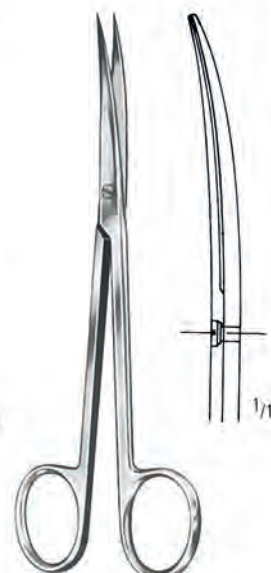
AC 411/11
11,5 cm/4 1/2"



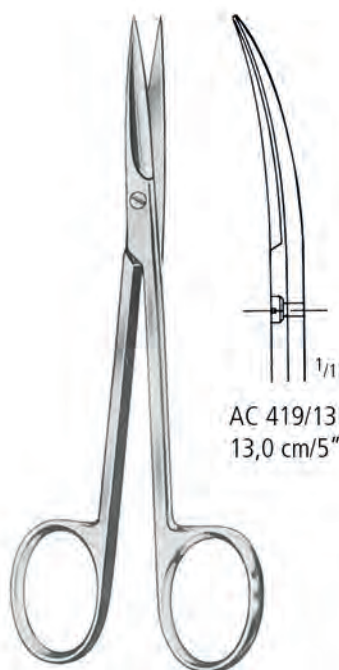
LITTLER
AC 412/11 11,5 cm/4 1/2"
AC 412/14 14,0 cm/5 1/2"



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



AC 415/14
14,5 cm/5 3/4"



AC 418/13
13,0 cm/5"

AC 419/13
13,0 cm/5"



AC 422/10
AC 422/11

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



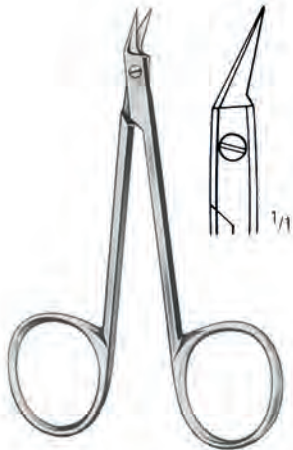
AC 423/10
AC 423/11



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

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"

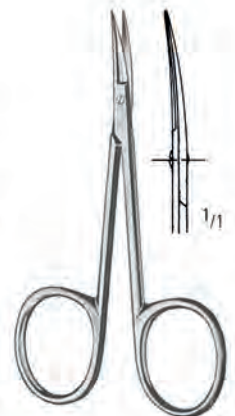


WALTON
AC 429/10
10,0 cm/4"

sehr fein
extra delicate
muy finas
très fin
molto sottile



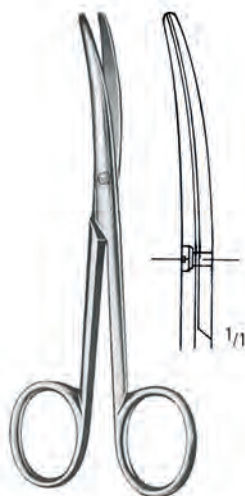
AC 430/08
8,0 cm/3"



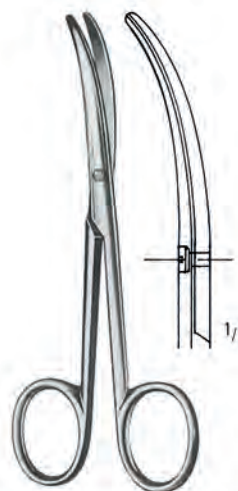
MOD. BONN
AC 431/08
8,0 cm/3"



LANDOLT
AC 434/12
12,5 cm/5"



LANDOLT
AC 435/12
12,5 cm/5"



LANDOLT
AC 436/12
12,5 cm/5"



LANDOLT
AC 437/12
12,5 cm/5"

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Feine Scheren
Fine Scissors
Tijeras finas
Ciseaux fins
Forbici fini



11,5 cm/4 1/2"

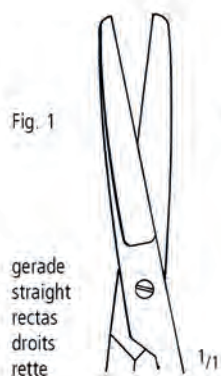


Fig. 1

AC 446/01

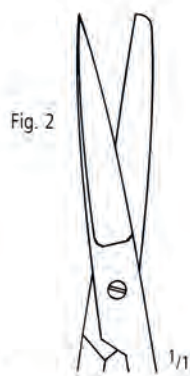


Fig. 2

AC 446/02

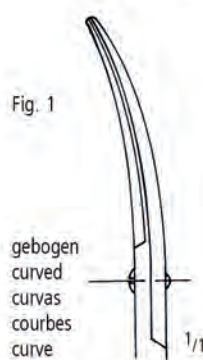


Fig. 1

AC 447/01

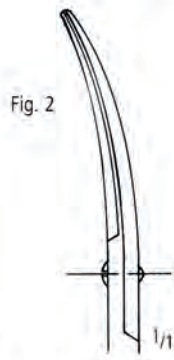


Fig. 2

AC 447/02

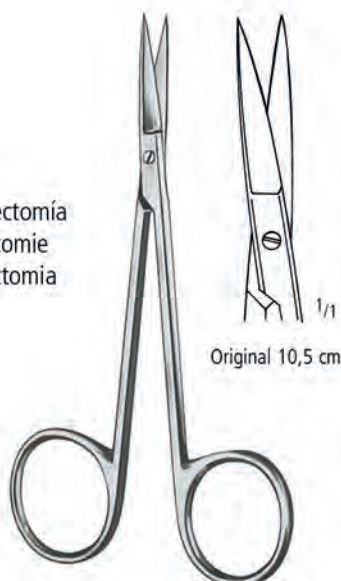


AC 448/11
11,5 cm/4 1/2"

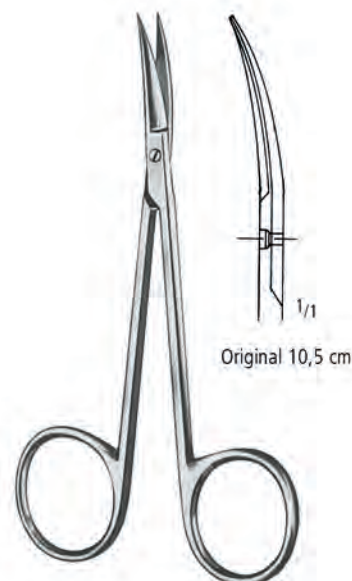


AC 449/11
11,5 cm/4 1/2"

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



Original 10,5 cm



Original 10,5 cm

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

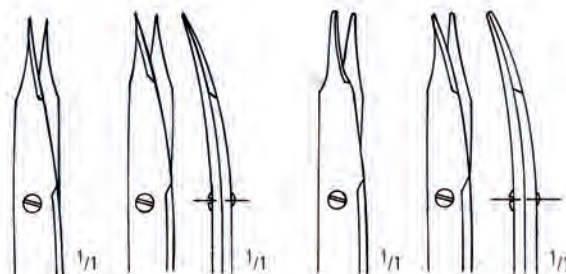


SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Feine Scheren
Fine Scissors
Tijeras finas
Ciseaux fins
Forbici fini

Sehnenscheren
Tenotomy Scissors
Tijeras para tenotomía
Ciseaux à ténatomie
Forbici per tenotomia

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 1/4"

11,5 cm/4 1/2"

AC 474/10
AC 474/11

AC 475/10
AC 475/11

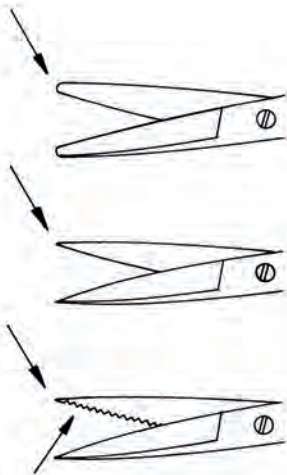
AC 476/10
AC 476/11*

AC 477/10
AC 477/11*

AC 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.

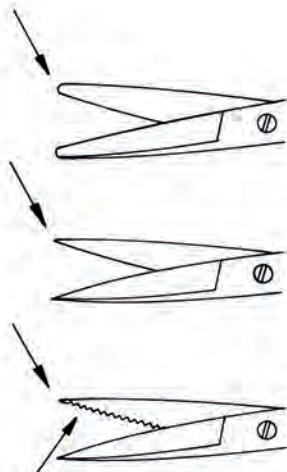


Dissection: Gebogene Blätter, abgerundete Spitzen ermöglichen eine gute und sichere Dissektion, ohne Nerven und Blutgefäße zu beschädigen.

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.

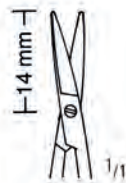
Nerve: One blade is fine-toothed to avoid slipping of the nerve.

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

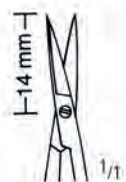
Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



14,5 cm/5³/₄"



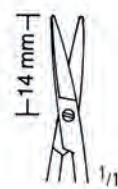
Dissection
AC 801/15



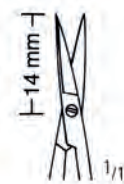
Adventitia
AC 803/15



18,0 cm/7"



Dissection
AC 801/18

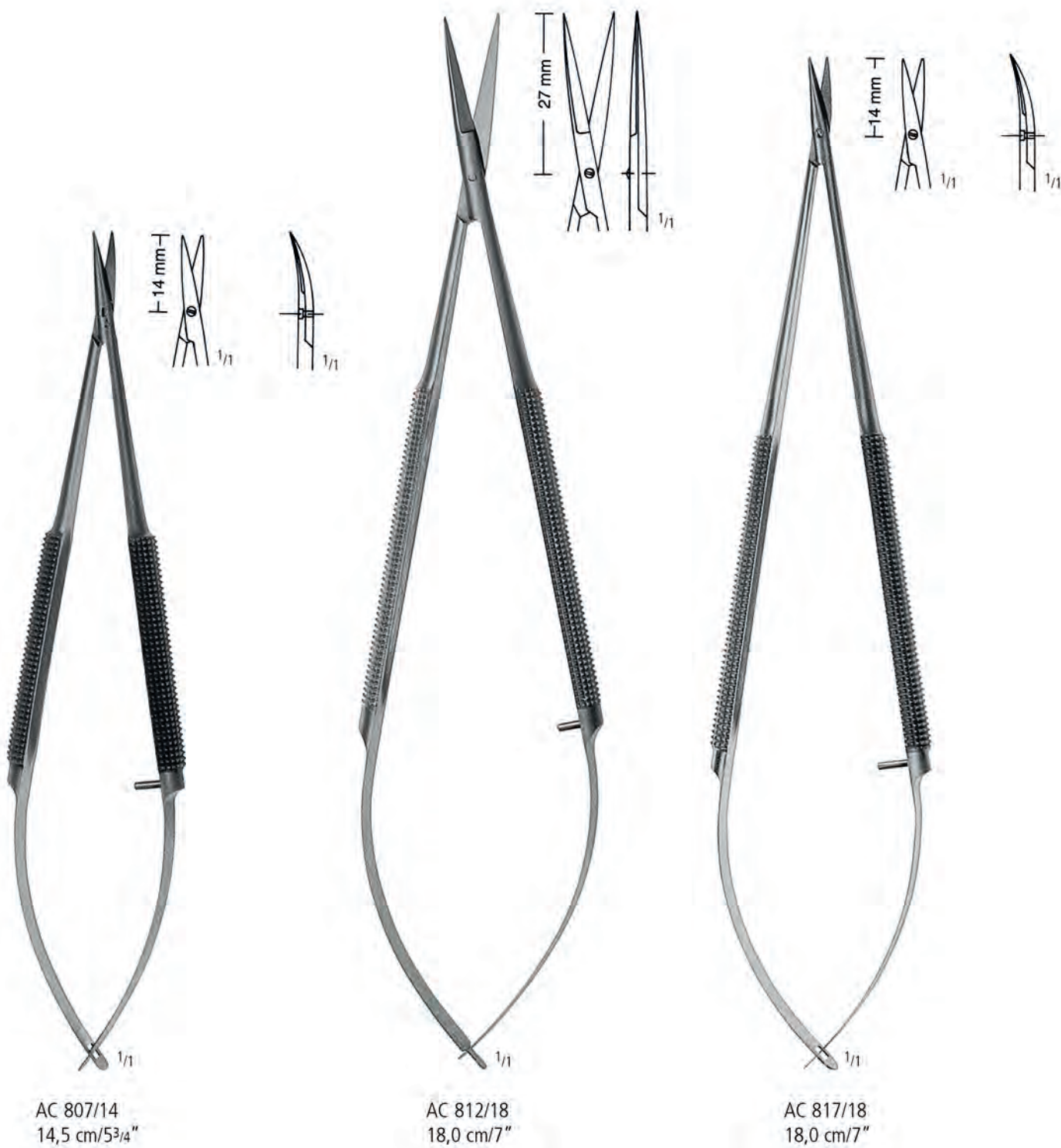


Adventitia
AC 803/18



AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici

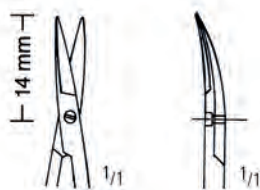


SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

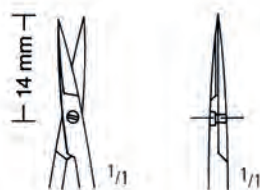
Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



11,0 cm/4 $\frac{1}{3}$ "



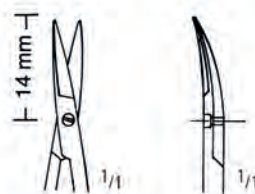
Dissection
AC 821/11



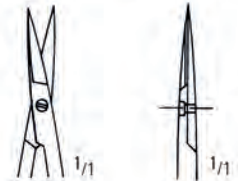
Adventitia
AC 830/11



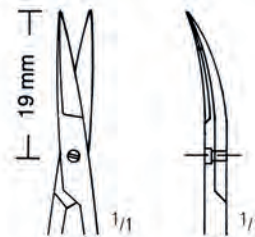
15,0 cm/6"



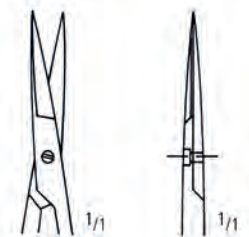
Dissection
AC 823/15



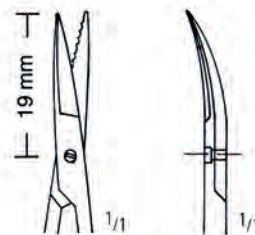
Adventitia
AC 832/15



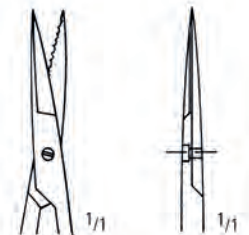
Dissection
AC 825/15



Adventitia
AC 834/15



Dissection
AC 827/15



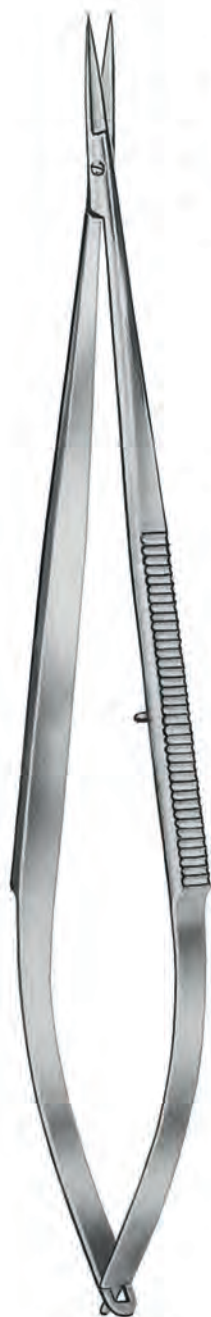
Adventitia
AC 836/15

>> Nerve >>

Adventitia
AC 836/15

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



18,5 cm/7 1/3"



AC 850/19



AC 851/19



16,0 cm/6 1/4"
20,0 cm/8"
22,5 cm/9"



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



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



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



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



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



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

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°



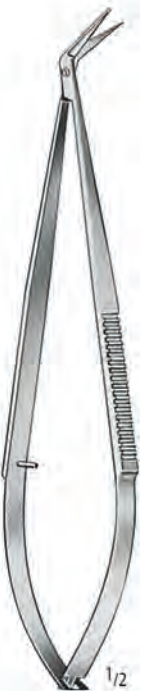
AC 870/03
60°



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°

AC

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

Mikroscheren
Micro Scissors
Micro Tijeras
Micro Ciseaux
Micro Forbici



18,0 cm/7"



AC 870/11 T
25°



AC 870/12 T
45°



AC 870/13 T
60°



AC 870/14 T
90°



AC 870/15 T
125°

TITANIUM



18,0 cm/7"



AC 871/11 T
25°



AC 871/12 T
45°



AC 871/13 T
60°



AC 871/14 T
90°



AC 871/15 T
125°

nopa®TUC® SC Super Cut

SUPER CUT TUC



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.

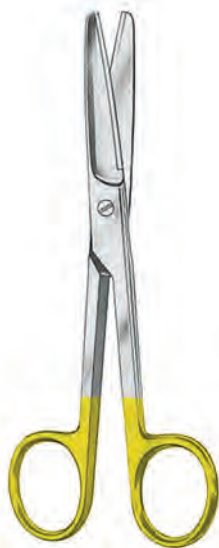
Verfügbare Modelle / Available Patterns

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

AC	902/14	SC	STANDARD SCS. TUC STR. SH/BL	14.5 CM	SC
AC	903/14	SC	STANDARD SCS. TUC CVD. SH/BL	14.5 CM	SC
AC	910/14	SC	MAYO DISS.SCS. TUC STR. BL/BL	14.5 CM	SC
AC	910/17	SC	MAYO DISS.SCS. TUC STR. BL/BL	17.0 CM	SC
AC	911/14	SC	MAYO DISS. SCS. TUC CVD. BL/BL	14.5 CM	SC
AC	911/17	SC	MAYO DISS. SCS. TUC CVD. BL/BL	17.0 CM	SC
AC	930/14	SC	METZENBAUM SCS. TUC STR. BL/BL	14.5 CM	SC
AC	931/14	SC	METZENBAUM SCS. TUC CVD. BL/BL	14.5 CM	SC
AC	940/18	SC	METZENBAUM SCS. TUC STR. BL/BL	18.0 CM	SC
AC	940/20	SC	METZENBAUM SCS. TUC STR. BL/BL	20.0 CM	SC
AC	941/18	SC	METZENBAUM SCS. TUC CVD. BL/BL	18.0 CM	SC
AC	941/20	SC	METZENBAUM SCS. TUC CVD. BL/BL	20.0 CM	SC
AC	941/23	SC	METZENBAUM SCS. TUC CVD. BL/BL	23.0 CM	SC
AC	941/25	SC	METZENBAUM SCS. TUC CVD. BL/BL	25.0 CM	SC
AC	941/28	SC	METZENBAUM SCS. TUC CVD. BL/BL	28.0 CM	SC
AC	960/14	SC	METZENBAUM-DEL.SCS. TUC STR. BL/BL	14.5 CM	SC
AC	961/14	SC	METZENBAUM-DEL.SCS. TUC CVD. BL/BL	14.5 CM	SC
AC	970/18	SC	METZENBAUM-DEL.SCS. TUC STR. BL/BL	18.0 CM	SC
AC	970/20	SC	METZENBAUM-DEL.SCS. TUC STR. BL/BL	20.0 CM	SC
AC	971/18	SC	METZENBAUM-DEL.SCS. TUC CVD. BL/BL	18.0 CM	SC
AC	971/20	SC	METZENBAUM-DEL.SCS. TUC CVD. BL/BL	20.0 CM	SC
AC	974/11	SC	STEVENS TENOTOMY SCS. STR. POINTED	11.5 CM	SC
AC	975/11	SC	STEVENS TENOTOMY SCS. CVD. POINTED	11.5 CM	SC
AC	984/11	SC	IRIS SCS. TUC STR. SH/SH	11.5 CM	SC
AC	985/11	SC	IRIS SCS. TUC CVD. SH/SH	11.5 CM	SC

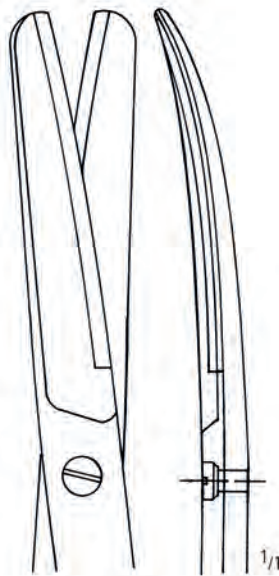
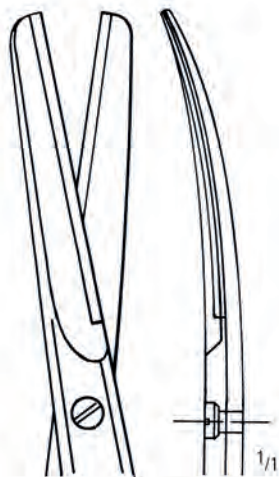
AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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

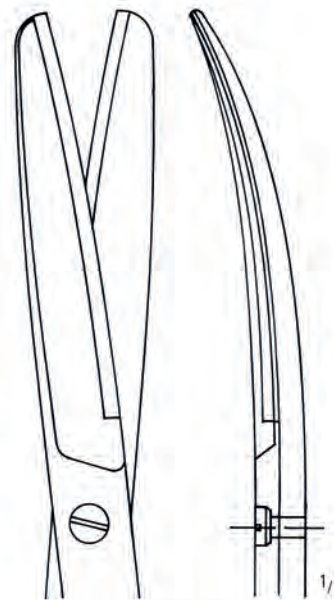


STANDARD
Fig. 1

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



16,5 cm/6¹/₂"
AC 900/16
AC 901/16



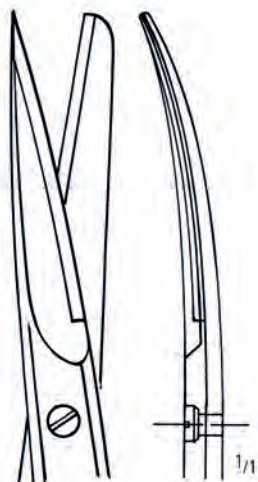
18,5 cm/7¹/₃"
AC 900/18
AC 901/18

nopa®
TUC

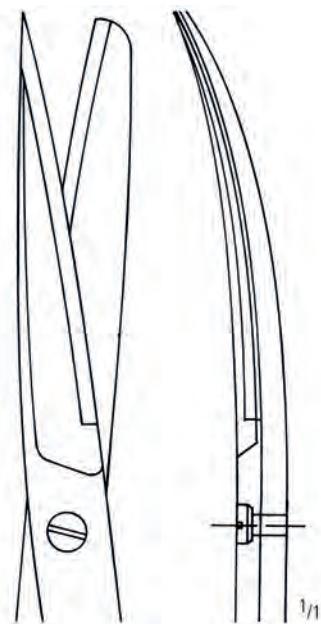


STANDARD
Fig. 2

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



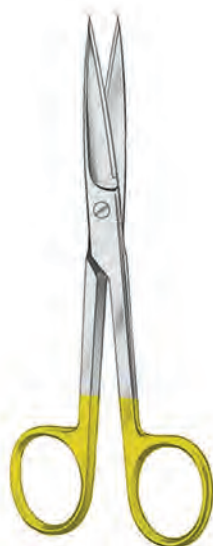
16,5 cm/6¹/₂"
AC 902/16
AC 903/16



18,5 cm/7¹/₃"
AC 902/18
AC 903/18

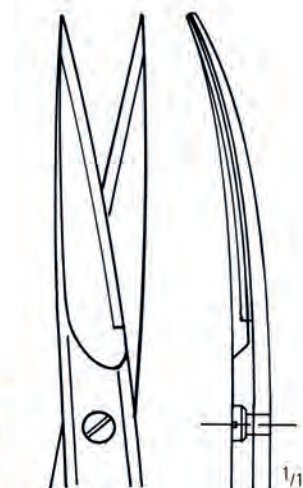
SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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



STANDARD

Fig. 3



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

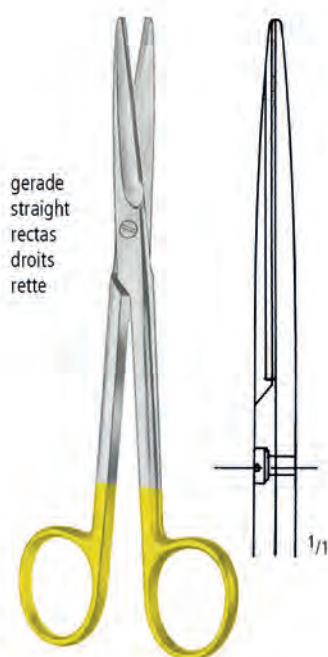


16,5 cm/6¹/₂"
AC 904/16
AC 905/16



18,5 cm/7¹/₃"
AC 904/18
AC 905/18

**nopa®
TUC**



gerade
straight
rectas
droits
rette

MAYO

AC 910/14*
AC 910/17*
AC 910/23



Original 17,0 cm

14,5 cm/5¹/₂"
17,0 cm/6³/₄"
23,0 cm/9"



gebogen
curved
curvas
courbes
curve

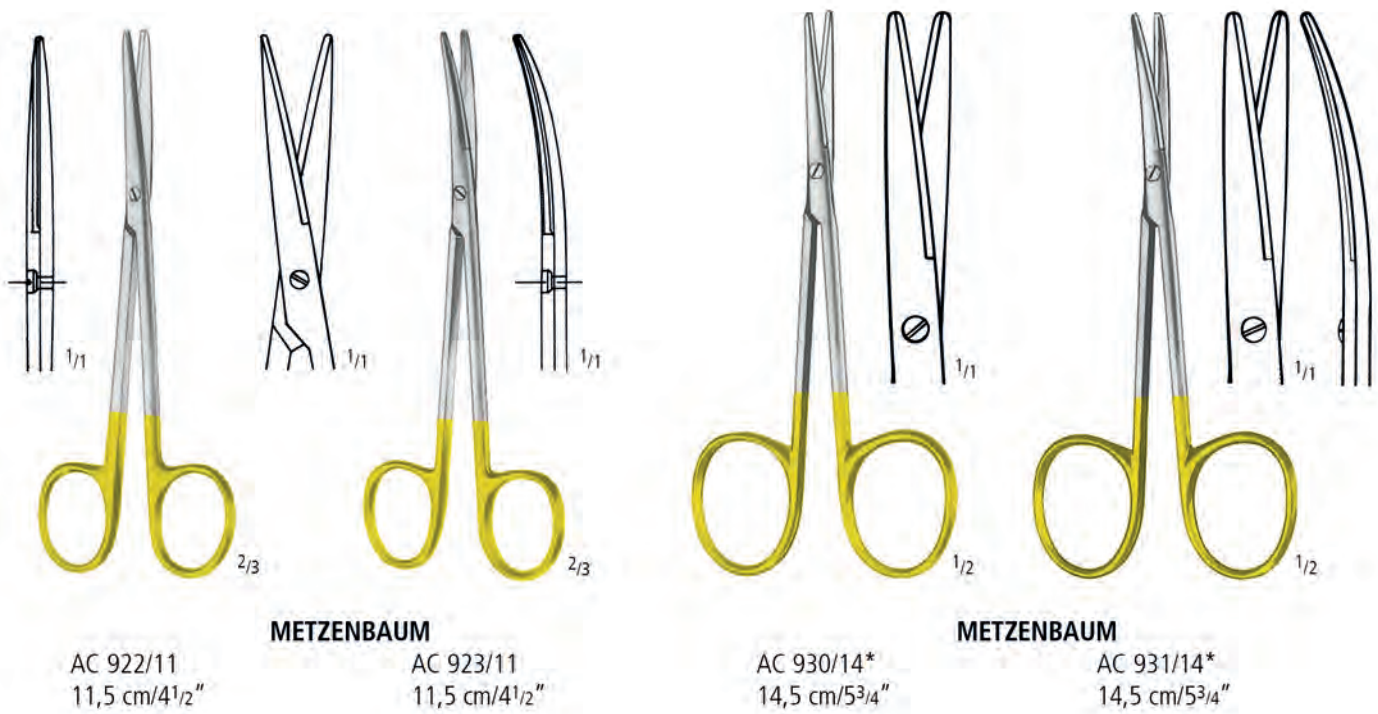
MAYO

AC 911/14*
AC 911/17*
AC 911/23



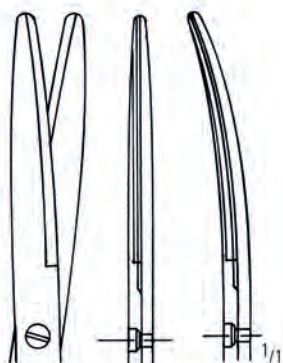
SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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

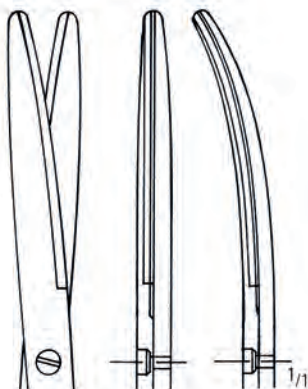
nopa®
TUE


AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

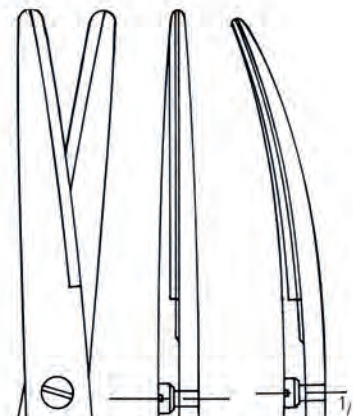
Scheren mit Hartmetalleinlagen
Scissors with Tungsten Carbide Inserts
Tijeras con filos de carburo de tungsteno
Ciseaux avec plaquettes en carbure de tungstène
Forbici con taglio al carburo di tungsteno



Original 18,0 cm



Original 20,0 cm



Original 23,0 cm



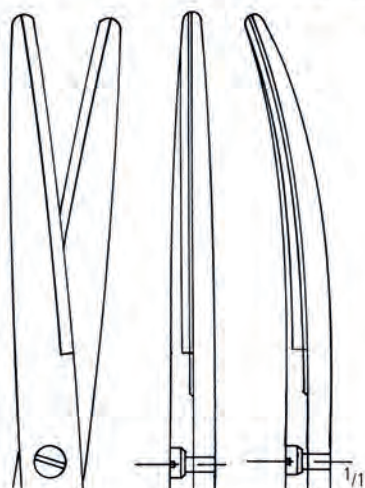
nopa®
TUE

gerade
straight
rectas
droits
rette

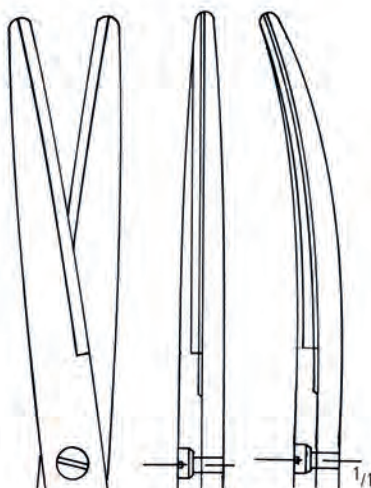
gebogen
curved
curvas
courbes
curve

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

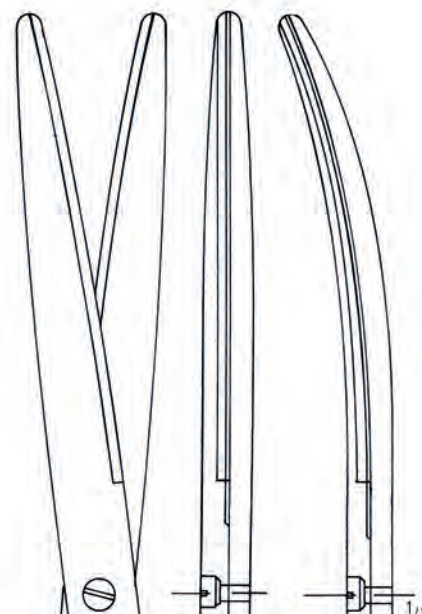
METZENBAUM



Original 25,0 cm



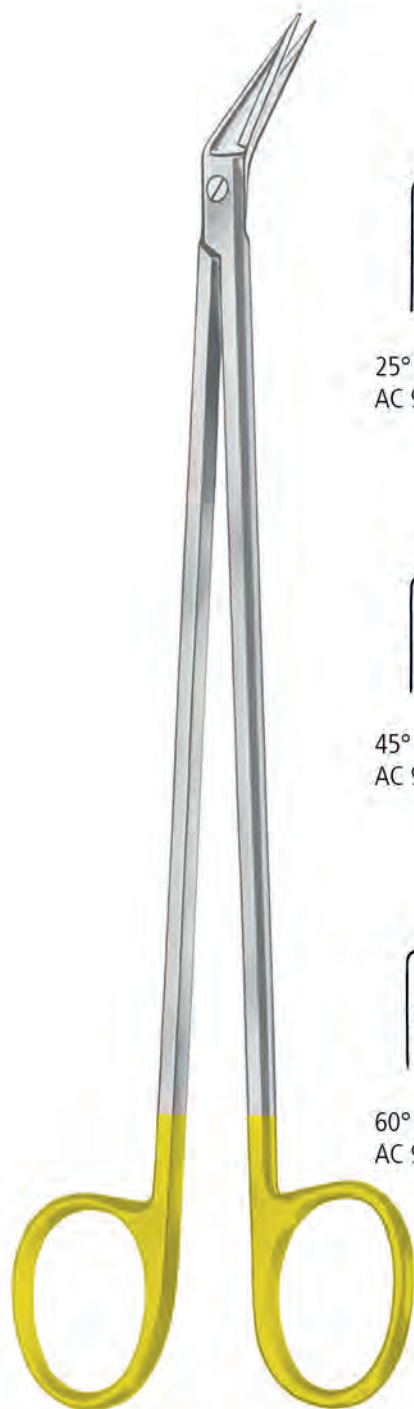
Original 28,0 cm



Original 30,0 cm

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

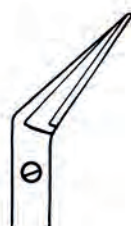
Scheren mit Hartmetalleinlagen
Scissors with Tungsten Carbide Inserts
Tijeras con filos de carburo de tungsteno
Ciseaux avec plaquettes en carbure de tungstène
Forbici con taglio al carburo di tungsteno

nopa®
TUE


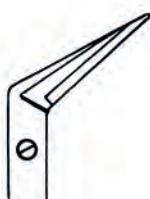
POTT-SMITH
19,0 cm/7½"



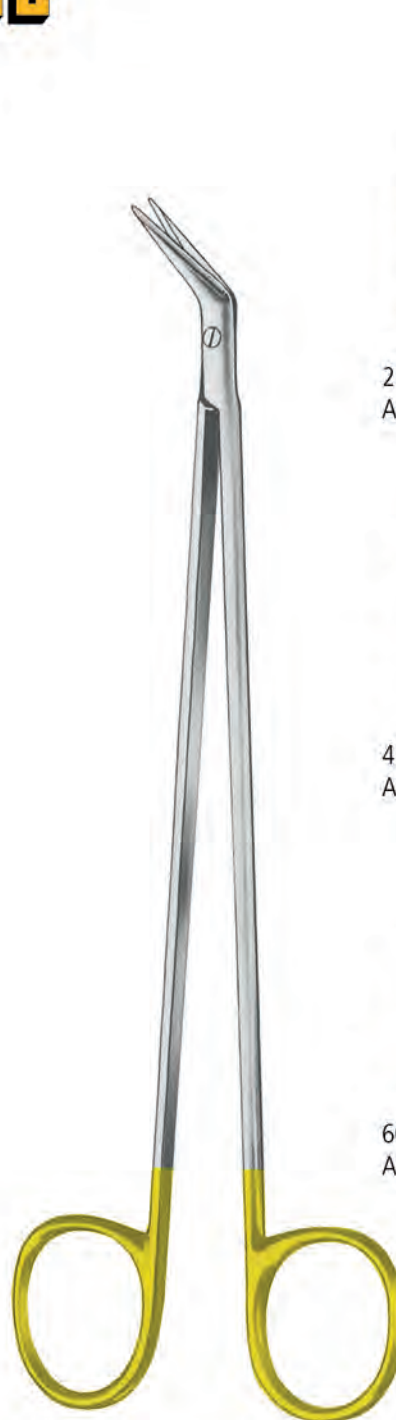
25°
AC 948/25



45°
AC 948/45



60°
AC 948/60



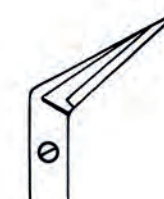
DE BAKEY
18,0 cm/7"



25°
AC 949/25



45°
AC 949/45



60°
AC 949/60

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



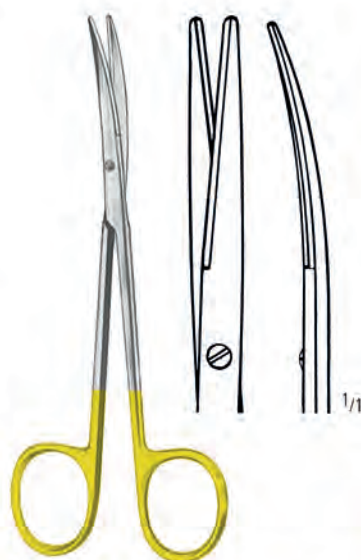
LEXER
AC 952/16
16,0 cm/6¹/₄"



LEXER
AC 953/16
16,0 cm/6¹/₄"



AC 960/14*
14,5 cm/5³/₄"



AC 961/14*
14,5 cm/5³/₄"



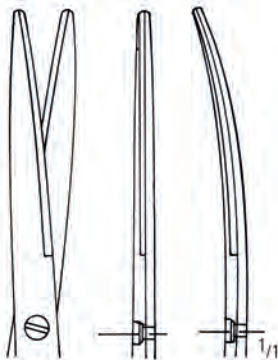
METZENBAUM-DELICATE
AC 962/14
14,5 cm/5³/₄"



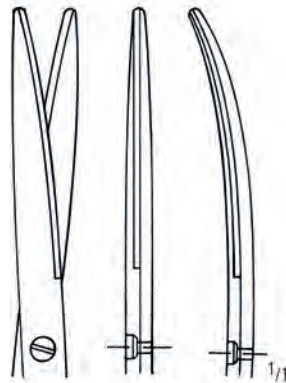
AC 963/14
14,5 cm/5³/₄"

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

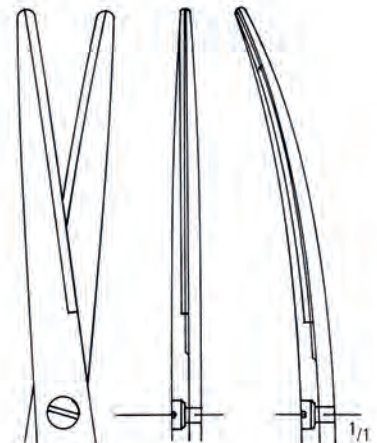
Scheren mit Hartmetalleinlagen
Scissors with Tungsten Carbide Inserts
Tijeras con filos de carburo de tungsteno
Ciseaux avec plaquettes en carbure de tungstène
Forbici con taglio al carburo di tungsteno



Original 18,0 cm



Original 20,0 cm



Original 23,0 cm



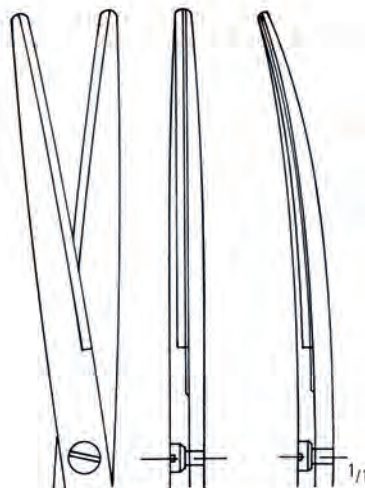
METZENBAUM-DELICATE

nopa[®]
TUE

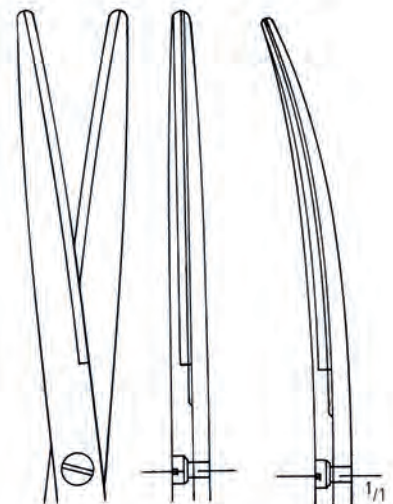
gerade
straight
rectas
droits
rette

gebogen
curved
curvas
courbes
curve

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



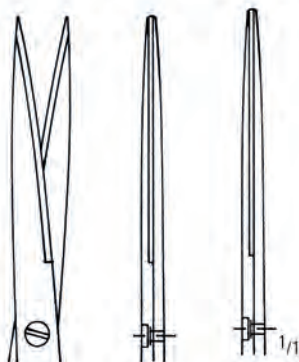
Original 25,0 cm



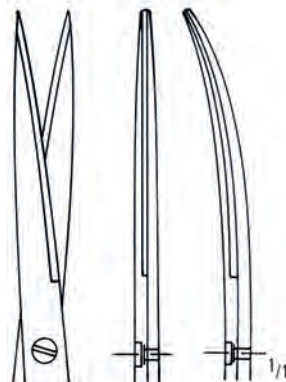
Original 28,0 cm

AC SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

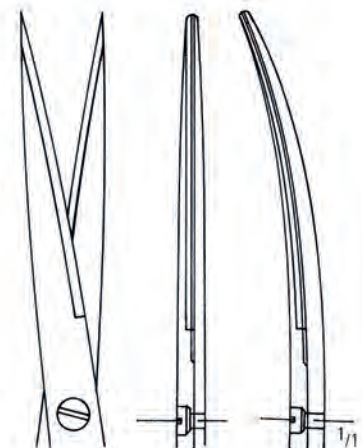
Scheren mit Hartmetalleinlagen
Scissors with Tungsten Carbide Inserts
Tijeras con filos de carburo de tungsteno
Ciseaux avec plaquettes en carbure de tungstène
Forbici con taglio al carburo di tungsteno



Original 18,0 cm



Original 20,0 cm



Original 23,0 cm



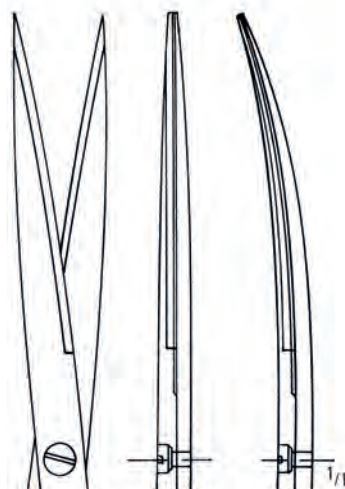
METZENBAUM-DELICATE

nopa®
TUE

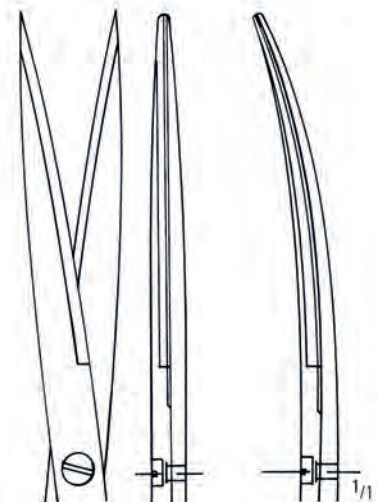
gerade
straight
rectas
droits
rette

gebogen
curved
curvas
courbes
curve

AC 972/18	18,0 cm/7"	AC 973/18
AC 972/20	20,0 cm/8"	AC 973/20
AC 972/23	23,0 cm/9"	AC 973/23
AC 972/25	25,0 cm/10"	AC 973/25
AC 972/28	28,0 cm/11"	AC 973/28



Original 25,0 cm



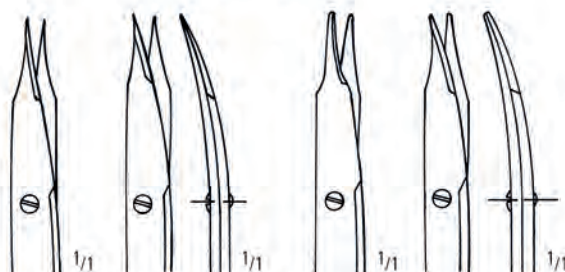
Original 28,0 cm

SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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

nopa®
TUE

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 1/4"

11,5 cm/4 1/2"

AC 974/10

AC 974/11*

AC 975/10

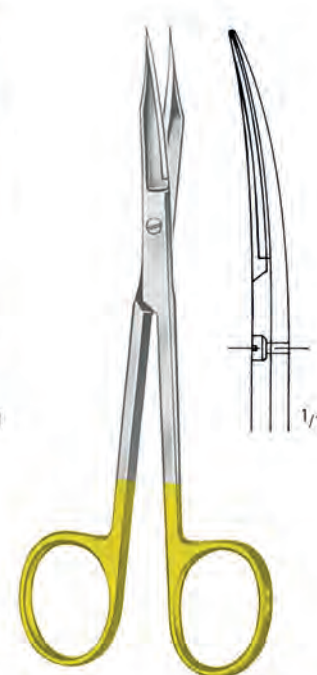
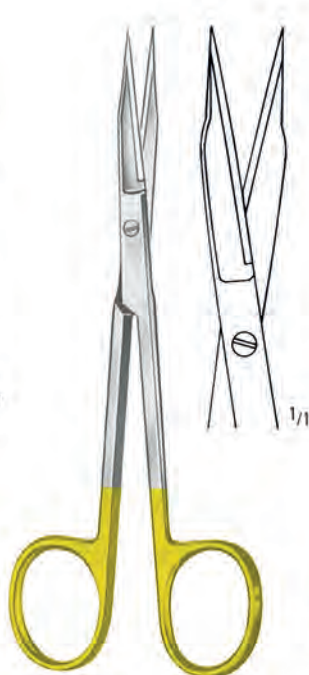
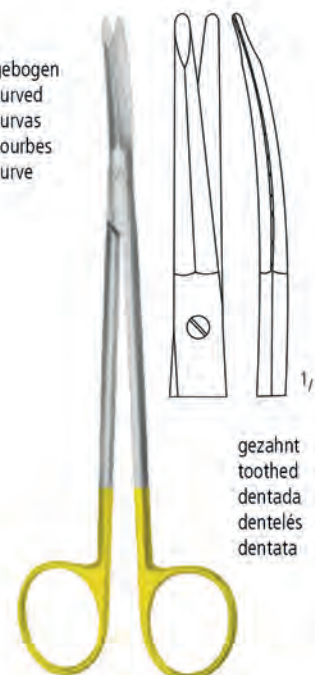
AC 975/11*

AC 976/10

AC 976/11

AC 977/10

AC 977/11


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 SCHEREN SCISSORS TIJERAS CISEAUX FORBICI

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

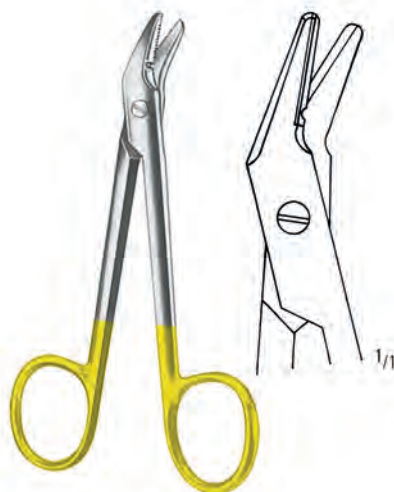
nopa®
TUC



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



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



UNIVERSAL
AC 987/12
12,0 cm/4 3/4"



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

SKALPELLE
SCALPELS
BISTURIES
BISTOURIS
BISTURI

AD

nopa[®] instruments

Weitere Skalpelle finden Sie in unserem Katalog „Allgemeine Chirurgie“ in Gruppe AD.

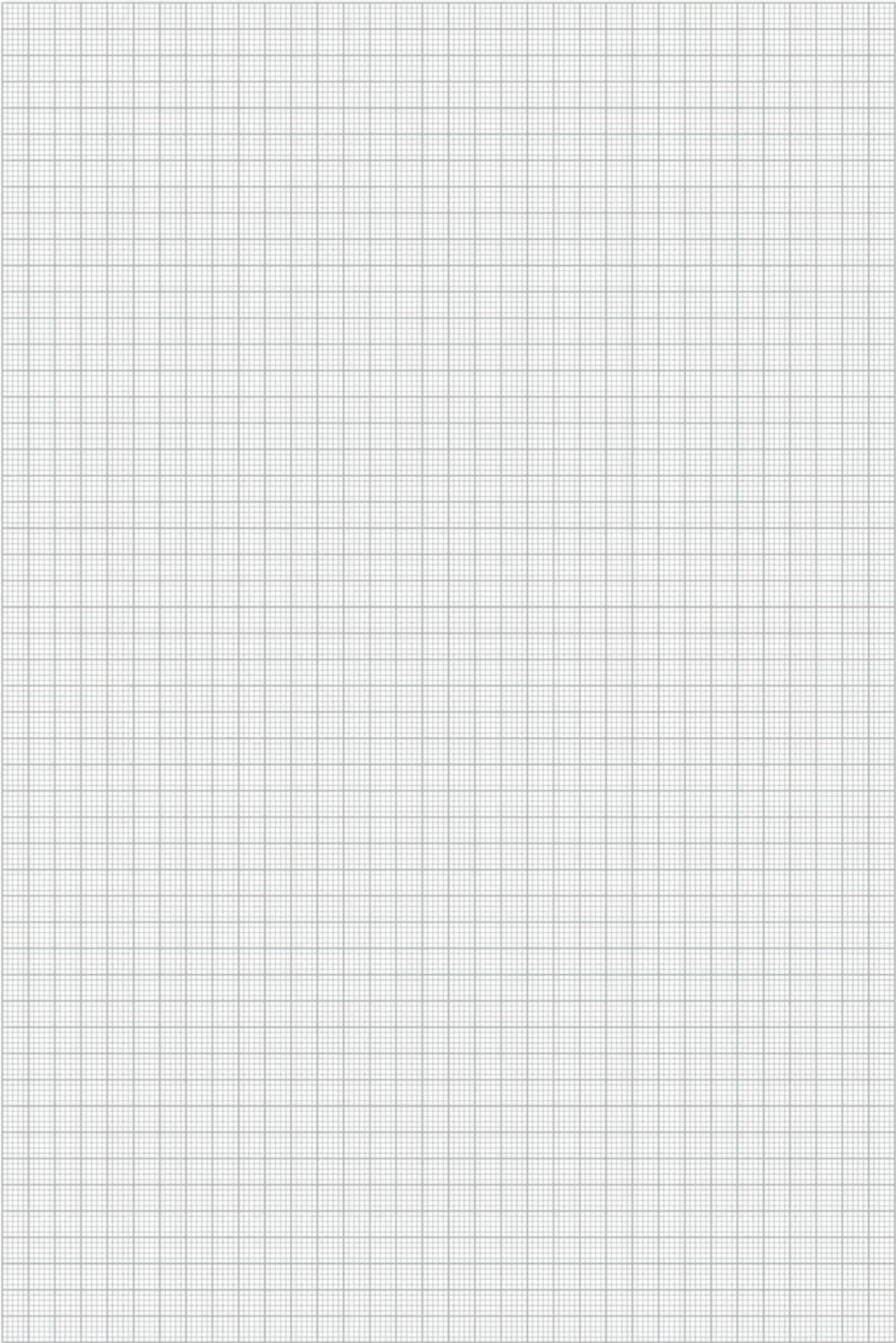
For further scalpels kindly refer to our catalogue „General Surgery“, section AD.

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

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

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





SKALPELLE SCALPELS BISTURIES BISTOURIS BISTURI

Skalpellgriffe
Scalpel Handles
Mangos de bisturíes
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 020/13
No. 3L



AD 020/14
No. 4L



AD 020/15
No. 5L

AA
AB
AC
AD
AE
AF
AK
AL
AO
KA
KK
X

AD SKALPELLE SCALPELS BISTURIES BISTOURIS BISTURI

Skalpelli
Scalpel Handles
Mangos de bisturíes
Manches pour bistouris
Manici per bisturi



1/1

AD 025/07
No. 7



1/1

AD 027/07
No. 7K



1/1

AD 030/16



1/1

AD 031/21



1/1

COLLIN
AD 040/08
No. 8



1/1

COLLIN
AD 042/09
No. 9

hohl
hollow
hueco
creux
vuoto

SKALPELLE SCALPELS BISTURIES BISTOURIS BISTURI

Skalpellgriffe, Skalpellklingen
Scalpel Handles, Scalpel Blades
Mangos de bisturíes, Hojas de bisturíes
Manches pour bistouris, Lames de bistouris
Manici per bisturi, Lame per bisturi

MINI

Verpackungseinheit / packing unit = 10 St./pc.



Fig. 61
AD 065/61



Fig. 62
AD 065/62



Fig. 62S
AD 065/63



Fig. 64
AD 065/64



Fig. 65
AD 065/65



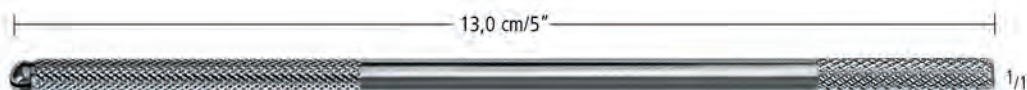
Fig. 67
AD 065/67



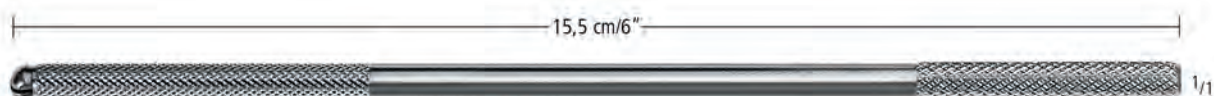
Fig. 69
AD 065/69



AD 065/10



AD 065/13



AD 065/15

AD SKALPELLE SCALPELS BISTURIES BISTOURIS BISTURI

Skalpellklingen
Scalpel Blades
Hojas de bisturíes
Lames pour bistouris
Lame per bisturi

passend für die Griffe
for handles
para los mangos
pour les manches
per i manici

AD 009/03
AD 010/03
AD 020/13
AD 025/07
AD 027/07
AD 030/16
AD 040/08



Fig.10
AD 075/10



Fig.11
AD 075/11



Fig.12d
AD 076/12



Fig.15
AD 075/15



Fig.15c
AD 076/15



steril
sterile
estériles
stériles
sterili

passend für die Griffe
for handles
para los mangos
pour les manches
per i manici

AD 010/04
AD 020/14
AD 042/09



Fig.20
AD 075/20



Fig.21
AD 075/21



Fig.22
AD 075/22



Fig.23
AD 075/23



Fig.24
AD 075/24

NAHT
SUTURE
SUTURA
SUTURE
SUTURA

AE

nopa[®] instruments

Weitere Naht-Instrumente finden Sie in unserem Katalog „Allgemeine Chirurgie“ in Gruppe AE.

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

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

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

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



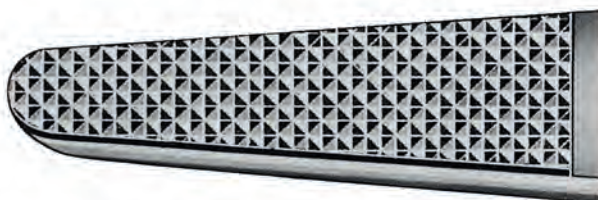
AE NAHT SUTURE SUTURA SUTURE SUTURA

Hartmetalleinsatzplättchen mit Pyramidenprofil
Tungsten Carbide Tips with pyramidal profile
Bocas de carburo de tungsteno con perfil de estructura piramidal
Plaquettes en carbure de tungstène avec profil pyramidal
Placche di carburo di tungsteno con profilo in forma piramidale


"STANDARD"

(Mayo-Hegar, Mathieu, Bozeman,
New Orleans, Stratte, etc.)

Teilung:	0,5 mm	Für Nahtmaterial 3/0 und größer
Serration:	0,5 mm	For suture sizes 3/0 and larger
Graduación:	0,5 mm	Para sutura 3/0 y más grande
Graduation:	0,5 mm	Pour suture 3/0 et plus grand
Graduazione:	0,5 mm	Per sutura 3/0 e più grande


"FINE"

(Crile-Wood, Halsey, DeBakey, Ryder,
etc.)

Teilung:	0,4 mm	Für Nahtmaterial zwischen 3/0 und 6/0
Serration:	0,4 mm	For suture sizes between 3/0 and 6/0
Graduación:	0,4 mm	Para suturas entre 3/0 y 6/0
Graduation:	0,4 mm	Pour sutures entre 3/0 et 6/0
Graduazione:	0,4 mm	Per sutura tra 3/0 e 6/0


"MICRO"

(Micro Ryder, Microvascular, Castroviejo,
etc.)

Teilung:	0,2 mm	Für Nahtmaterial zwischen 7/0 und 10/0
Serration:	0,2 mm	For suture sizes between 7/0 and 10/0
Graduación:	0,2 mm	Para suturas entre 7/0 y 10/0
Graduation:	0,2 mm	Pour sutures entre 7/0 et 10/0
Graduazione:	0,2 mm	Per sutura tra 7/0 e 10/0


"SMOOTH"

(Eufrate Pasqué, Castroviejo, Jacobson, etc.)

glatt	Für extrem feines Nahtmaterial
smooth	For the smallest suture sizes available
lisa	Para suturas extremadamente finas
lisses	Pour matériel de suture extrêmement fin
liscio	Per materiale di sutura finissima

NAHT SUTURE SUTURA SUTURE SUTURA

nopa-Service, Ersatzteile und Aufarbeitung aller Fabrikate
 nopa-Service, Spare Inserts and Refurbishing of all brands
 Servicio-nopa, piezas de recambio y renovar de todas las marcas
 Service-nopa, pièces de rechange et remise à neuf de toutes les marques
 Servizio-nopa, pezzi di ricambio e riparazione di tutte le marche

TUC-Einsätze**TUC-Inserts****TUC-Bocas****TUC-Plaquettes****TUC-Placche**

AE 380/15	Smooth, 15 mm
AE 380/17	Smooth, 17 mm
AE 380/19	Smooth, 19 mm
AE 382/15	Micro, 0.2, 15 mm
AE 382/17	Micro, 0.2, 17 mm
AE 382/19	Micro, 0.2, 19 mm
AE 384/15	Fine, 0.4, 15 mm
AE 384/17	Fine, 0.4, 17 mm
AE 384/19	Fine, 0.4, 19 mm
AE 385/15	Standard, 0.5, 15 mm
AE 385/17	Standard, 0.5, 17 mm
AE 385/19	Standard, 0.5, 19 mm



titan instruments

nopa[®] instruments

Besonderheit:

nopa Titan Instrumente bieten insbesondere in der Herz-Thorax-Chirurgie Vorteile gegenüber herkömmlichen Instrumenten. Titan ist ca. 45% leichter als rostfreier Edelstahl, weshalb Titan Instrumente weniger traumatisierend sind. Titan ist außerdem ein vollkommen korrosionsbeständiges und antimagnetisches Material. **nopa** Titan Instrumente bedeuten größtmöglichen Komfort für den Chirurgen.

Features:

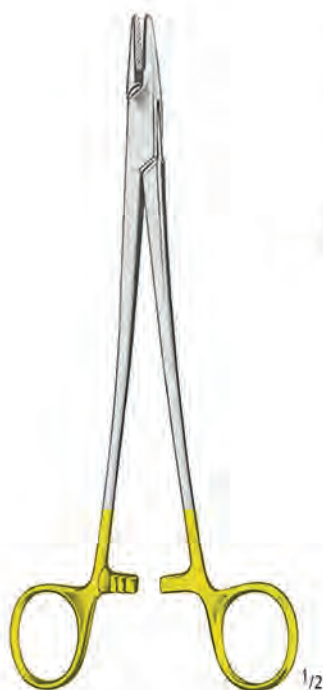
nopa Titan Instruments provide especially in Cardiovascular surgery a significant advantage compared to other Instruments. Titan is approximately 45% lighter than stainless steel. For that reason, Titan Instruments are less traumatic. Besides that, Titan is a completely stainless and anti-magnetic material. **nopa** Titan Instruments are the most comfortable choice for the Cardiovascular surgeon.

AE 400/16 T	MAYO-HEGAR NH TUC 16.0 CM
AE 400/18 T	MAYO-HEGAR NH TUC 18.0 CM
AE 400/20 T	MAYO-HEGAR NH TUC 20.0 CM
AE 420/18 T	DE BAKEY NH TUC 18.0 CM
AE 420/20 T	DE BAKEY NH TUC 20.0 CM
AE 420/23 T	DE BAKEY NH TUC 23.0 CM
AE 420/26 T	DE BAKEY NH TUC 26.0 CM
AE 430/15 T	RYDER/FRENCH-EYE NH TUC 15.0 CM
AE 430/18 T	RYDER/FRENCH-EYE NH TUC 18.0 CM
AE 430/20 T	RYDER/FRENCH-EYE NH TUC 20.0 CM
AE 438/18 T	MICROVASCULAR NH TUC 18.0 CM
AE 438/20 T	MICROVASCULAR NH TUC 20.0 CM
AE 438/23 T	MICROVASCULAR NH TUC 23.0 CM
AE 466/13 T	HALSEY NH TUC 13.0 CM
AE 572/14 T	CASTROVIEJO NH TUC STR. RA SER. 14.0 CM
AE 580/02 T	JACOBSON MICRO-NH TUC RA SER. 21.0 CM
AE 632/18 T	MICRO-NH STR. 18.0 CM
AE 633/18 T	MICRO-NH CVD. 18.0 CM



AE NAHT SUTURE SUTURA SUTURE SUTURA

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



MAYO-HEGAR



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



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



AE 400/18
18,0 cm/7"



AE 400/20
20,0 cm/8"



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

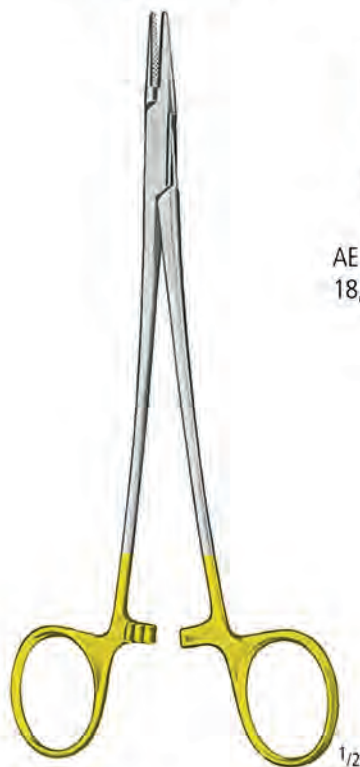


AE 400/26
26,0 cm/10 1/2"



AE 400/30
30,0 cm/12"

nopa®
TUE



DE-BAKEY
(MAYO-HEGAR-DELICATE)



AE 420/18
18,0 cm/7"



AE 420/20
20,0 cm/8"



AE 420/23
23,0 cm/9"



AE 420/26
26,0 cm/10 1/2"



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

NAHT SUTURE SUTURA SUTURE SUTURA

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

RYDER/FRENCH-EYE



AE 430/13
13,0 cm/5"

AE 430/15
15,0 cm/6"

AE 430/18
18,0 cm/7"

AE 430/20
20,0 cm/8"

AE 430/23
23,0 cm/9"

AE 430/26
26,0 cm/10 1/2"

MICRO RYDER

AE 434/13
13,0 cm/5"

AE 434/15
15,0 cm/6"

AE 434/18
18,0 cm/7"

AE 434/20
20,0 cm/8"

AE 434/23
23,0 cm/9"

AE 434/26
26,0 cm/10 1/2"

nopa[®]
TUE

AE 436/14
14,0 cm/5 1/2"

AE 436/18
18,0 cm/7"

AE 436/20
20,0 cm/8"

AE 436/23
23,0 cm/9"

AE 438/14
14,0 cm/5 1/2"

AE 438/18
18,0 cm/7"

AE 438/20
20,0 cm/8"

AE 438/23
23,0 cm/9"



EUFRATE PASQUÉ

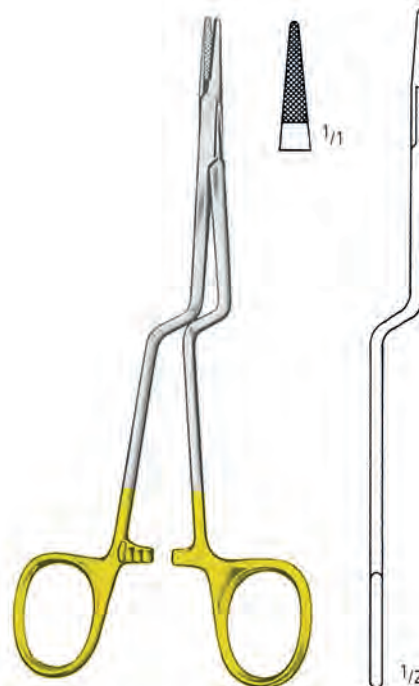
extrem fein
extremely delicate
muy fino
très fin
molto fino

MICROVASCULAR

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



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

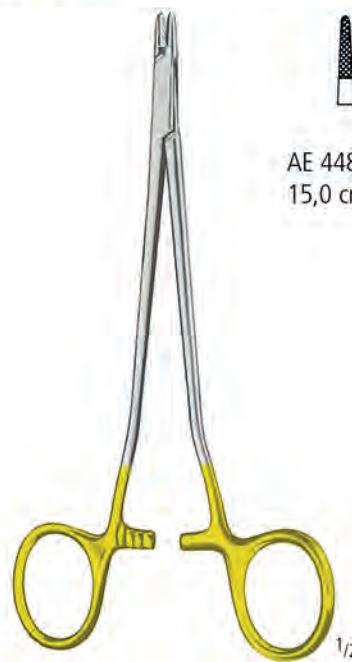


JACOBSON
AE 444/18
18,0 cm/7"

nopa®
TUC



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



SENNING
(SWEDISH PATTERN)

AE 448/15
15,0 cm/6"

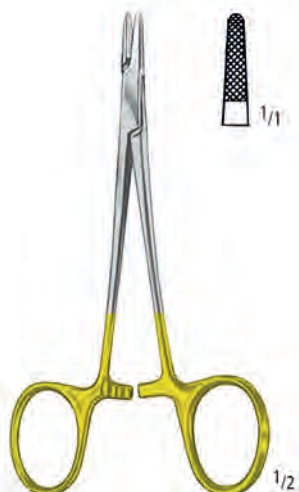
AE 448/17
17,0 cm/6³/₄"

NAHT SUTURE SUTURA SUTURE SUTURA

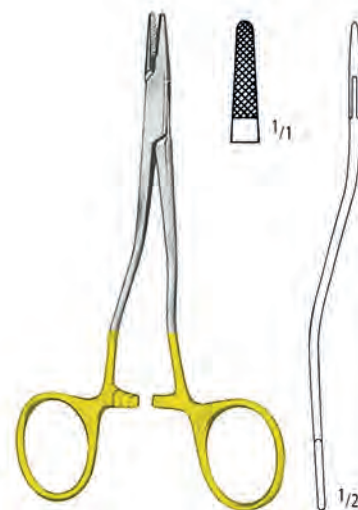
Nadelhalter mit Hartmetalleinsätzen
Needle Holders with Tungsten Carbide Inserts
Porta-agujas con bocas de carburo de Tungsteno
Porte-aiguilles à mors en carbure de tungstène
Portaghi con placche di carburo di tungsteno



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



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

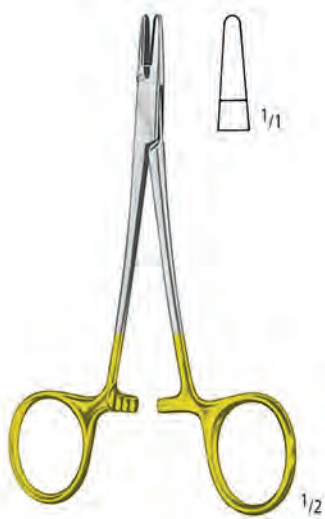


KILNER
AE 455/13
13,5 cm/5 1/4"

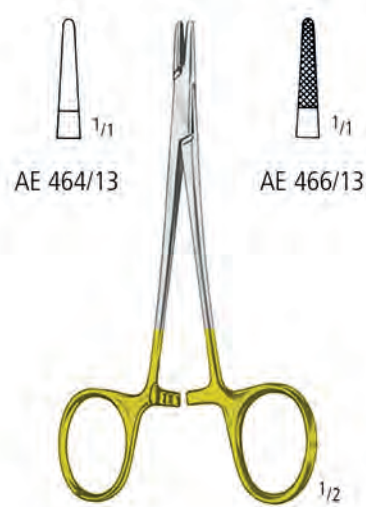
nopa®
TUC



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



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



HALSEY
13,0 cm/5"

AE NAHT SUTURE SUTURA SUTURE SUTURA

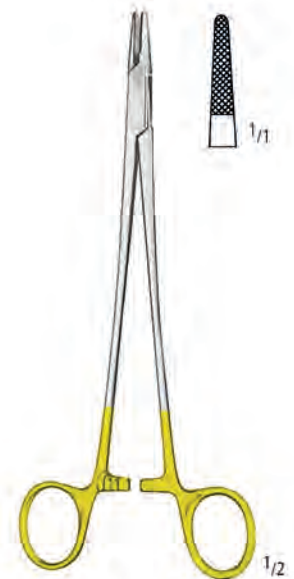
Nadelhalter mit Hartmetalleinsätzen
Needle Holders with Tungsten Carbide Inserts
Porta-agujas con bocas de carburo de Tungsteno
Porte-aiguilles à mors en carbure de tungstène
Portaghi con placche di carburo di tungsteno



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

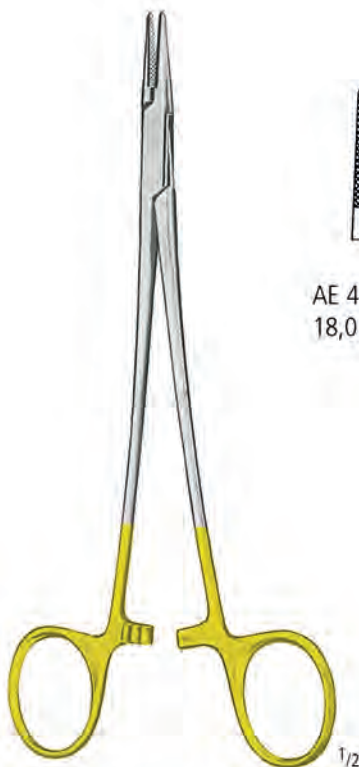


CRILE-WOOD
AE 469/15
15,0 cm/6"



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

nopa®
TUE



CRILE-WOOD



AE 470/18
18,0 cm/7"



AE 470/20
20,0 cm/8"



AE 470/23
23,0 cm/9"



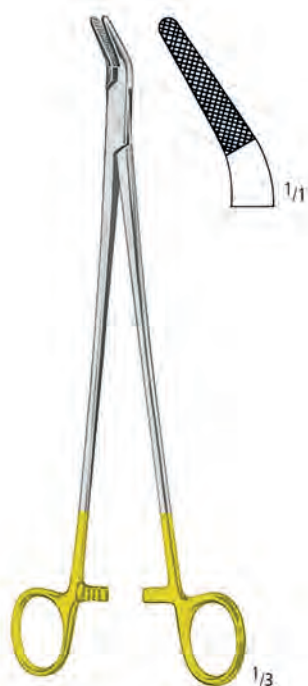
AE 471/18
18,0 cm/7"



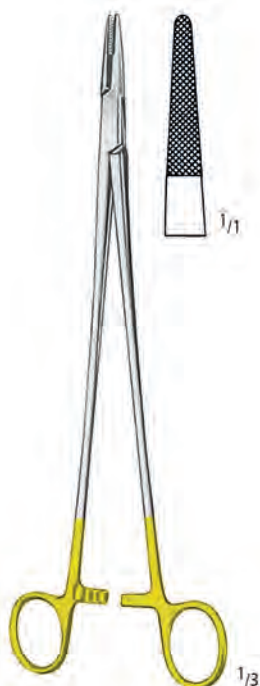
AE 471/23
23,0 cm/9"

NAHT SUTURE SUTURA SUTURE SUTURA

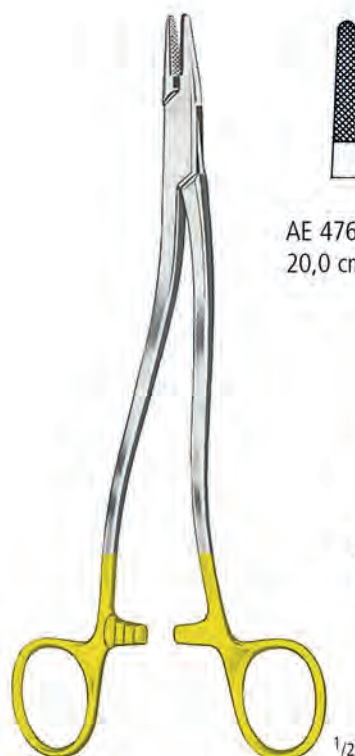
Nadelhalter mit Hartmetalleinsätzen
Needle Holders with Tungsten Carbide Inserts
Porta-agujas con bocas de carburo de Tungsteno
Porte-aiguilles à mors en carbure de tungstène
Portaghi con placche di carburo di tungsteno


FINOCCHIETTO

AE 472/27
27,0 cm/10³/₄"


WANGENSTEEN

AE 474/27
27,0 cm/10³/₄"


BOZEMANN

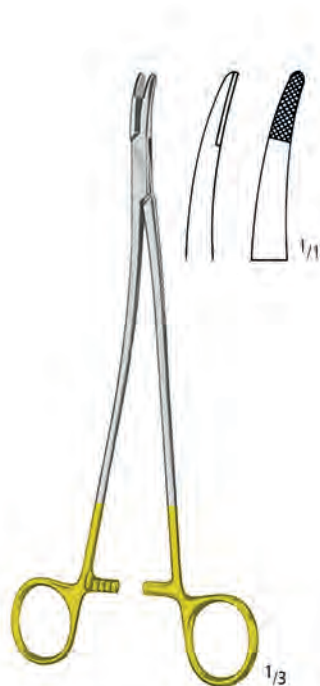
AE 476/20
20,0 cm/8"

AE 476/24
24,0 cm/9¹/₂"

AE 476/26
26,0 cm/10¹/₂"



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TUC


STRATTE

AE 478/23
23,0 cm/9"


SAROT

AE 480/18
18,0 cm/7"

AE 480/26
26,0 cm/10¹/₂"


MASSON

AE 482/27
27,0 cm/10³/₄"

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



WERTHEIM



AE 487/20
20,0 cm/8"

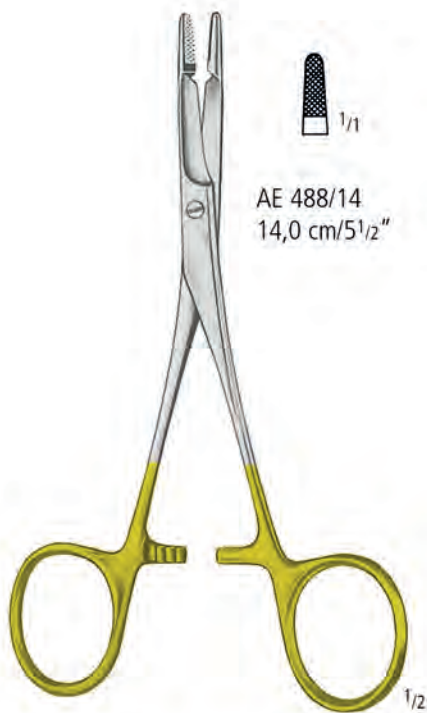


AE 487/24
24,0 cm/9 1/2"



AE 487/30
30,0 cm/12"

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TUE



OLSEN-HEGAR



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



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



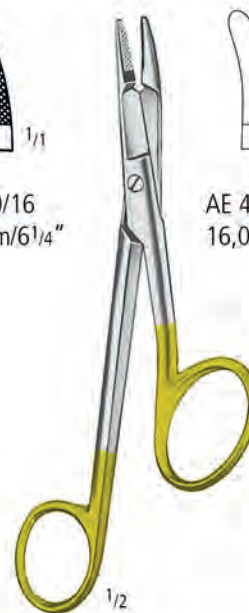
AE 488/19
19,0 cm/7 1/2"



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



AE 491/16
16,0 cm/6 1/4"

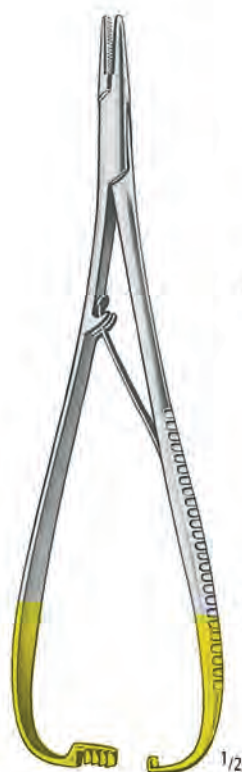


GILLIES



NAHT SUTURE SUTURA SUTURE SUTURA

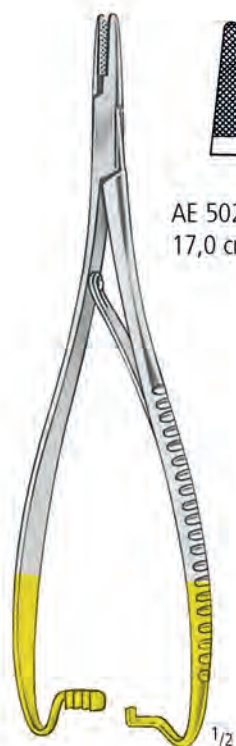
Nadelhalter mit Hartmetalleinsätzen
Needle Holders with Tungsten Carbide Inserts
Porta-agujas con bocas de carburo de Tungsteno
Porte-aiguilles à mors en carbure de tungstène
Portaghi con placche di carburo di tungsteno



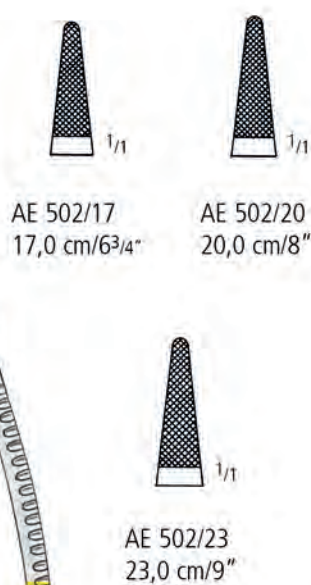
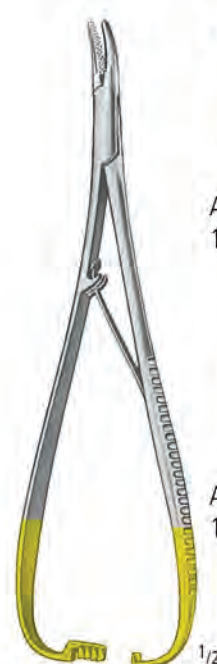
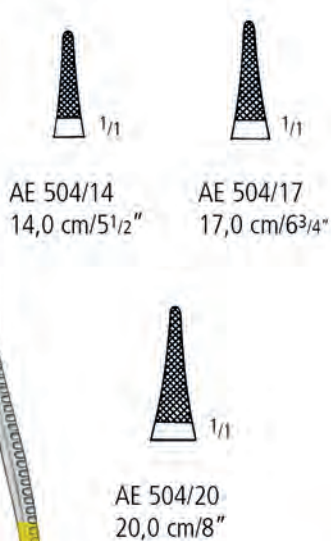
MATHIEU


nopa[®]
TUC


MATHIEU



MATHIEU


MATHIEU-
DELICATE


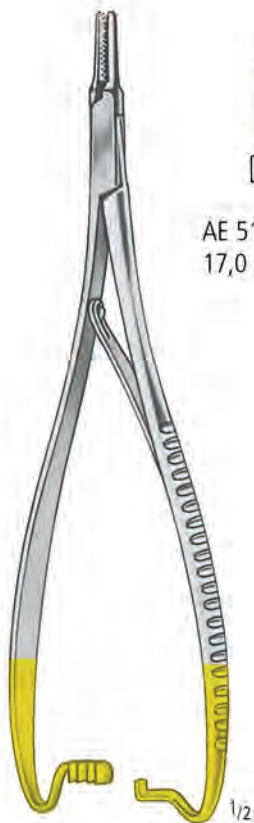
METZENBAUM



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

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TUC



MATHIEU-RYDER



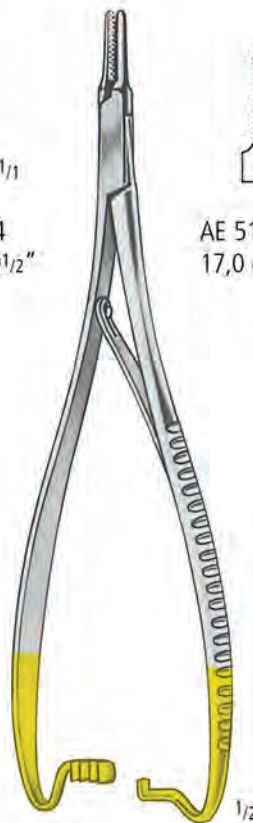
AE 510/17
17,0 cm/6³/₄"



AE 510/20
20,0 cm/8"



AE 510/24
24,0 cm/9¹/₂"



MATHIEU-RYDER VASCULAR



AE 512/17
17,0 cm/6³/₄"



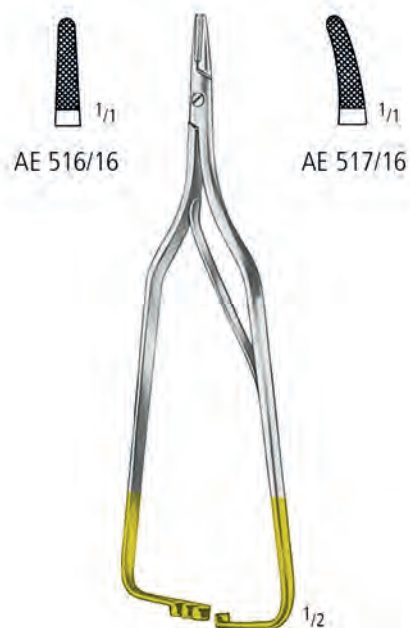
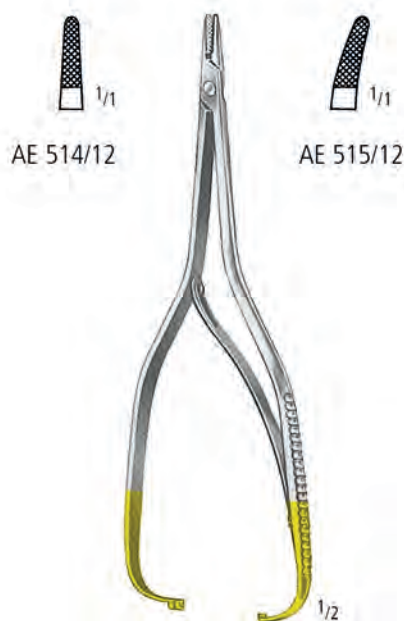
AE 512/20
20,0 cm/8"



AE 512/24
24,0 cm/9¹/₂"

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



nopa®
TUC

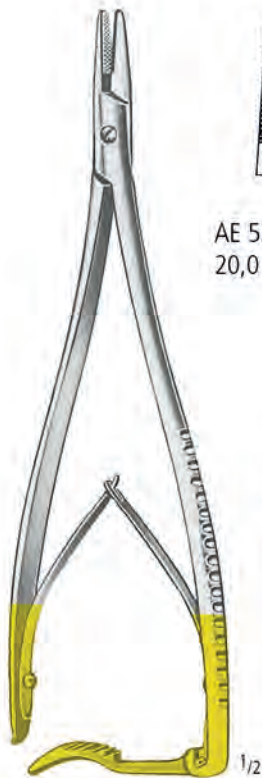
ARRUGA
16,0 cm/6¹/₄"



HÖSEL
AE 520/25
25,0 cm/10"

AE NAHT SUTURE SUTURA SUTURE SUTURA

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



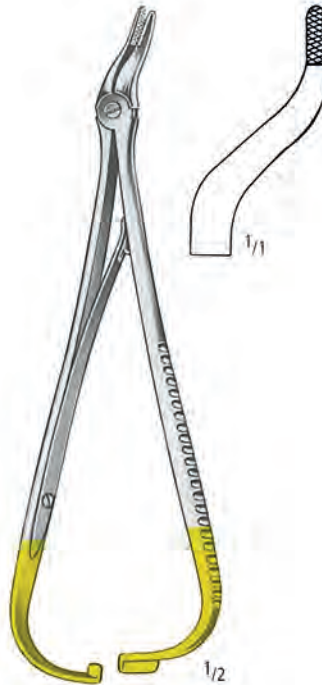
AE 530/20
20,0 cm/8"



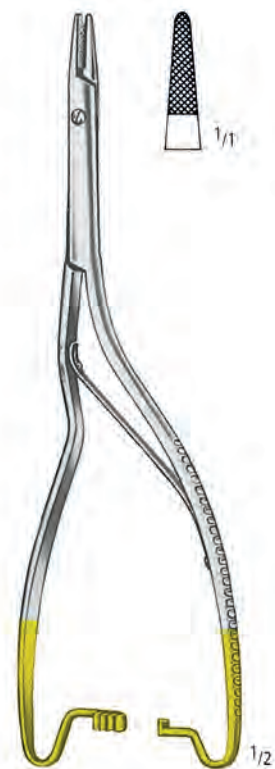
AE 530/23
23,0 cm/9"



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TUE



EISELSBERG-MATHIEU
AE 533/18
18,5 cm/7 1/3"



LUETHY-BECK
AE 535/20
20,0 cm/8"

LANGENBECK

LANGENBECK-DELICATE

LANGENBECK-RYDER



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



AE 540/18
18,0 cm/7"



AE 540/20
20,0 cm/8"



AE 542/18
18,0 cm/7"



AE 542/20
20,0 cm/8"



AE 542/23
23,0 cm/9"



AE 544/18
18,0 cm/7"



AE 544/20
20,0 cm/8"

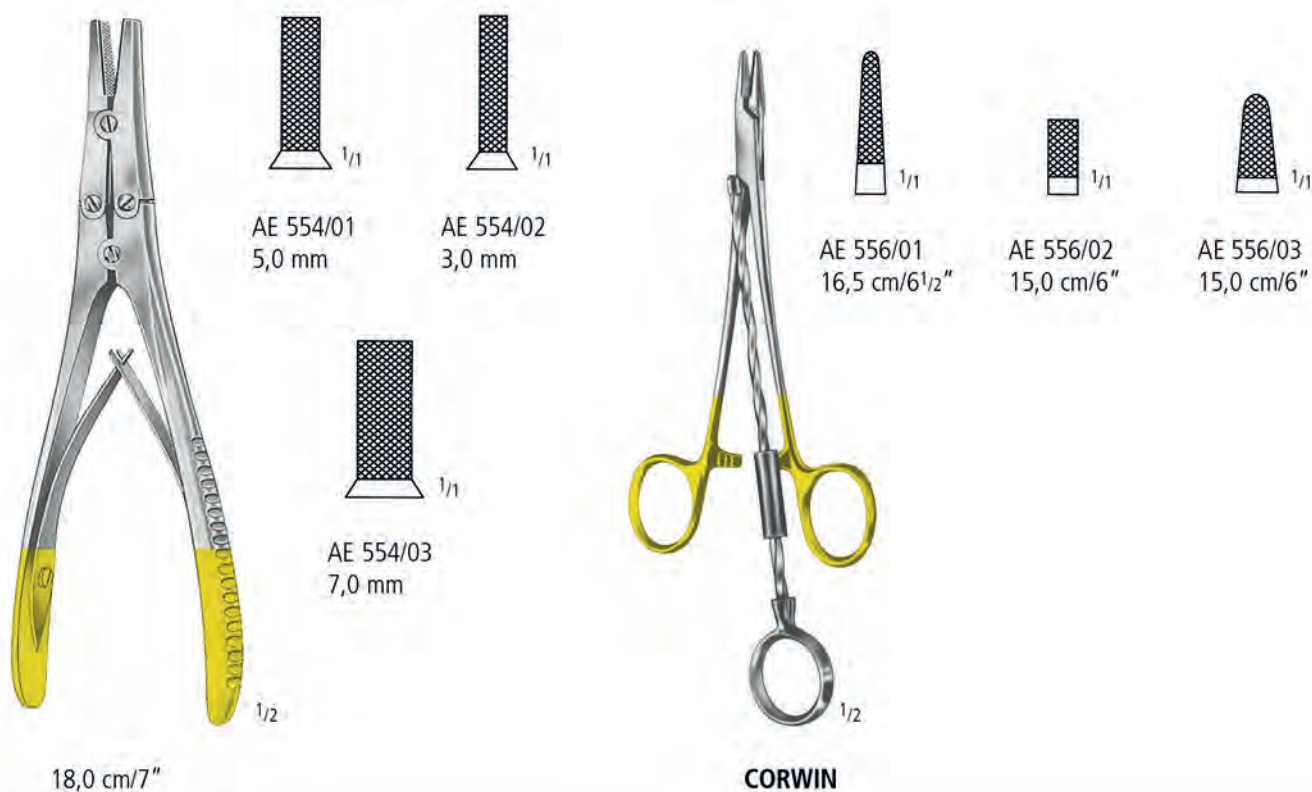


AE 544/23
23,0 cm/9"



NAHT SUTURE SUTURA SUTURE SUTURA

Drahtzangen mit Hartmetalleinsätzen
Wire Twisting Forceps with Tungsten Carbide Inserts
Pinzas para torcer hilos con bocas de carburo de Tungsteno
Pincers à torsader le fil à mors en carbure de tungstène
Pinze per ritorcere fili con placche di carburo di tungsteno


nopa®
TUC


AE 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



AE 570/14



AE 571/14

CASTROVIEJO
14,0 cm/5 1/2"



AE 572/14



AE 573/14

CASTROVIEJO
14,0 cm/5 1/2"

nopa®
TUE



AE 576/18



AE 577/18

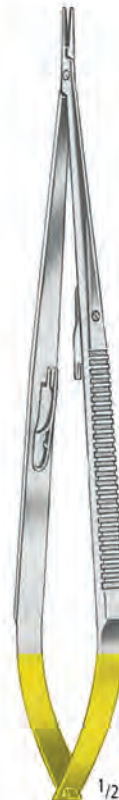


AE 578/18



AE 579/18

18,0 cm/7"



AE 580/01



AE 580/02

JACOBSON
21,0 cm/8 1/4"

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


DIETHRICH


AE 582/16
16,0 cm/6 1/4"



AE 582/18
18,0 cm/7"



AE 582/20
20,0 cm/8"

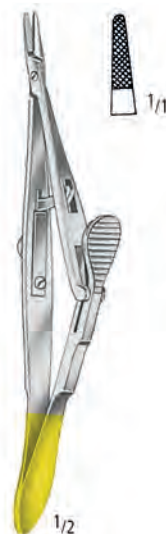


AE 582/23
23,0 cm/9"



AE 582/26
26,0 cm/10 1/2"

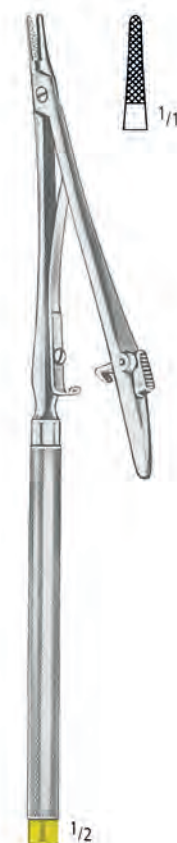
nopa®
TUC



KALT
AE 584/14
13,5 cm/5 1/4"



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



POTTS-SMITH
AE 588/22
22,0 cm/8 3/4"

Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles
Portaghi

nopa® DIAMOND



14,0 cm/5 1/2"

KS 080/14



14,0 cm/5 1/2"

KS 081/14



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

KS 080/18
KS 080/23



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

KS 081/18
KS 081/23



Nadelhalter
Needle Holders
Porta-agujas
Porte-aiguilles
Portaghi

nopa[®] DIAMOND



21,0 cm/8 1/4"



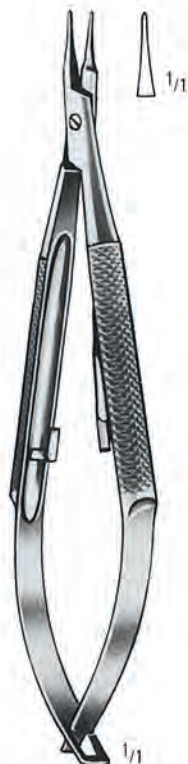
KS 082/21



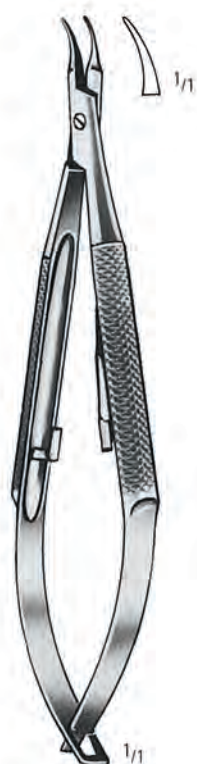
KS 083/21

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



**BARRAQUER-
TROUTMAN**
 AE 600/10
 10,0 cm/4"



**BARRAQUER-
TROUTMAN**
 AE 601/10
 10,0 cm/4"



**BARRAQUER-
TROUTMAN**
 AE 602/10
 10,0 cm/4"



**BARRAQUER-
TROUTMAN**
 AE 603/10
 10,0 cm/4"



BARRAQUER
 AE 605/11
 11,0 cm/4 1/3"



BARRAQUER
 AE 605/13
 13,0 cm/5"



BARRAQUER
 AE 605/14
 14,0 cm/5 1/2"



BARRAQUER
 AE 606/14
 14,0 cm/5 1/2"



BARRAQUER
 AE 607/14
 14,0 cm/5 1/2"

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



TROUTMAN
AE 609/01
12,0 cm/4³/₄"



TROUTMAN
AE 609/02
12,0 cm/4³/₄"



AE 610/15

AE 611/15



AE 612/15

AE 613/15

REILL
15,0 cm/6"

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 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

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"



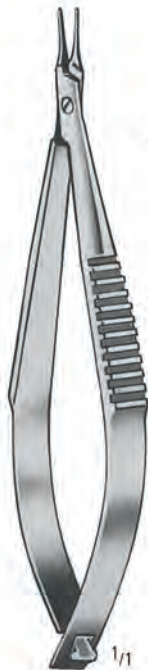
AE 632/18
18,0 cm/7"



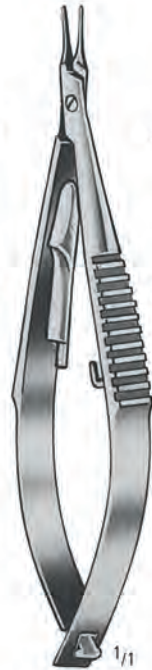
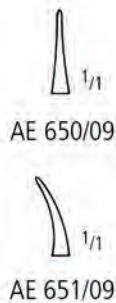
AE 633/18
18,0 cm/7"

AE NAHT SUTURE SUTURA SUTURE SUTURA

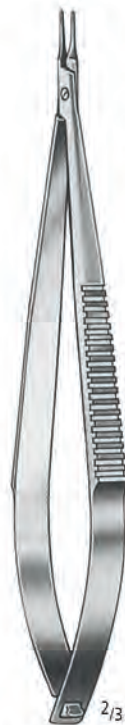
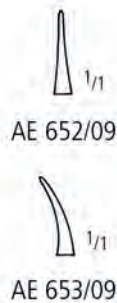
Mikro-Nadelhalter
Micro-Needle Holders
Micro-Porta-agujas
Micro-Porte-aiguilles
Micro-Portaghi



CASTROVIEJO
9,0 cm/3 1/2"



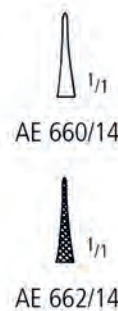
CASTROVIEJO
9,0 cm/3 1/2"



CASTROVIEJO
14,0 cm/5 1/2"



CASTROVIEJO
14,0 cm/5 1/2"



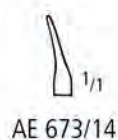
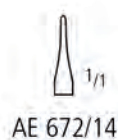
CASTROVIEJO
14,0 cm/5 1/2"



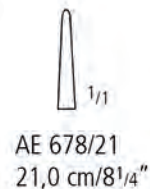
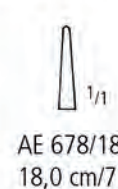
breiter Griff
wide handle
mango ancho
manche large
manico largo



CASTROVIEJO
14,0 cm/5 1/2"



JACOBSON



NAHT SUTURE SUTURA SUTURE SUTURA

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



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

16,5 cm/6¹/₂"
18,0 cm/7"
20,0 cm/8"
22,0 cm/8³/₄"



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

TUPFERZANGEN
SPONGE FORCEPS
PINZAS PARA POLIPOS
PINCES A PANSEMENTS
PINZE PER POLIPI

AF

nopa[®] instruments

Weitere Tupferzangen finden Sie in unserem Katalog „Allgemeine Chirurgie“ in Gruppe AF.

For further sponge forceps kindly refer to our catalogue „General Surgery“, section AF.

Para pinzas polipos adicionales, por favor consulte nuestro catálogo de „Cirugía general“, grupo AF.

Pour des pinces à pansements supplémentaires, consultez notre catalogue „Chirurgie Generale“, section AF.

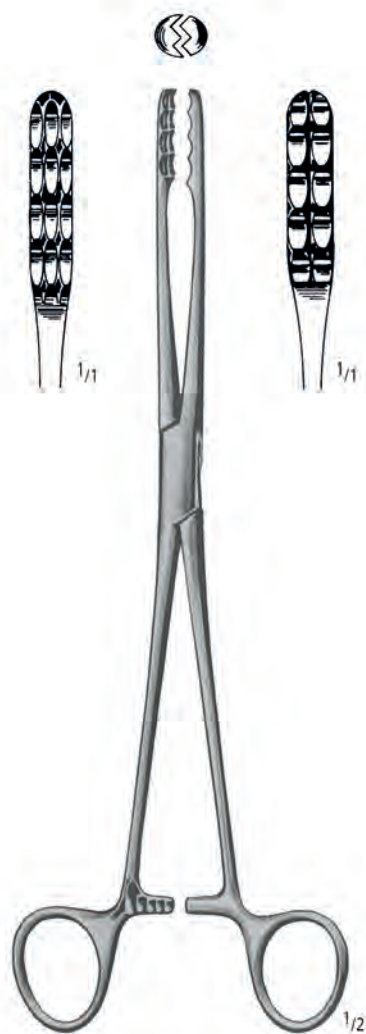
Per gli altri pinze per polipi, consultare il nostro catalogo „Chirurgia Generale“, gruppo AF.



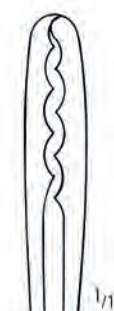


TUPFERZANGEN SPONGE FORCEPS PINZAS PARA POLIPOS PINCES A PANSEMENTS PINZE PER POLIPI

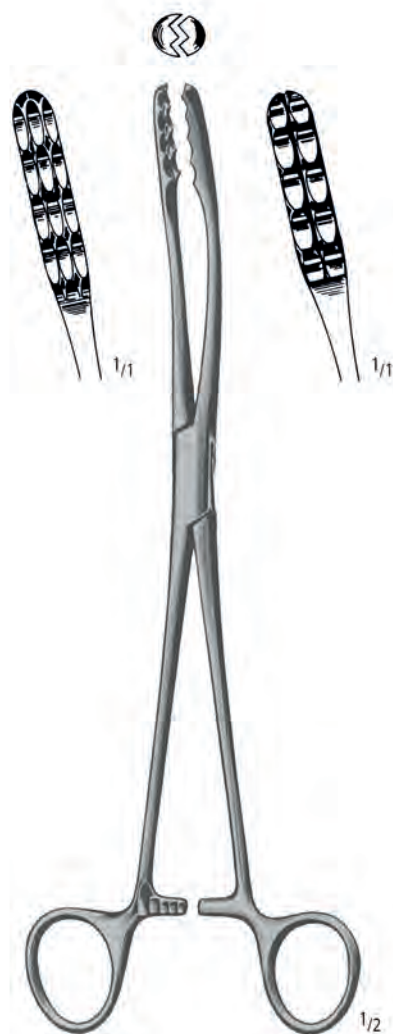
Korn- und Tupferzangen, Schwammzangen
Polypus and Dressing Forceps, Sponge Holding Forceps
Pinzas para pólipos, tapones y esponjas
Pinces à pansements, à tampons et à éponges
Pinze per polipi, tamponi e spugne



ULRICH
AF 070/22
AF 070/25



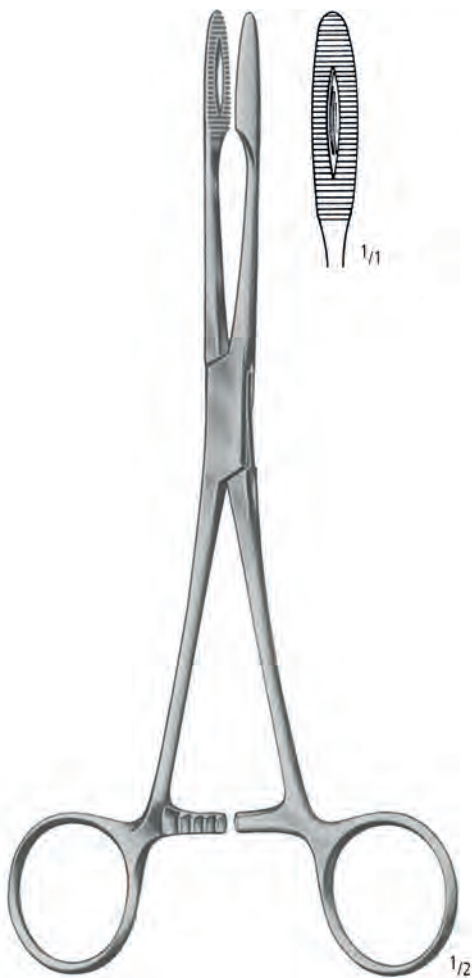
22,0 cm/8³/₄"
25,0 cm/10"



ULRICH
AF 071/22
AF 071/25

AF
AK
AJ
AO
KA
BK
X

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



GROSS-MAIER

AF 100/20

AF 100/22

AF 100/25

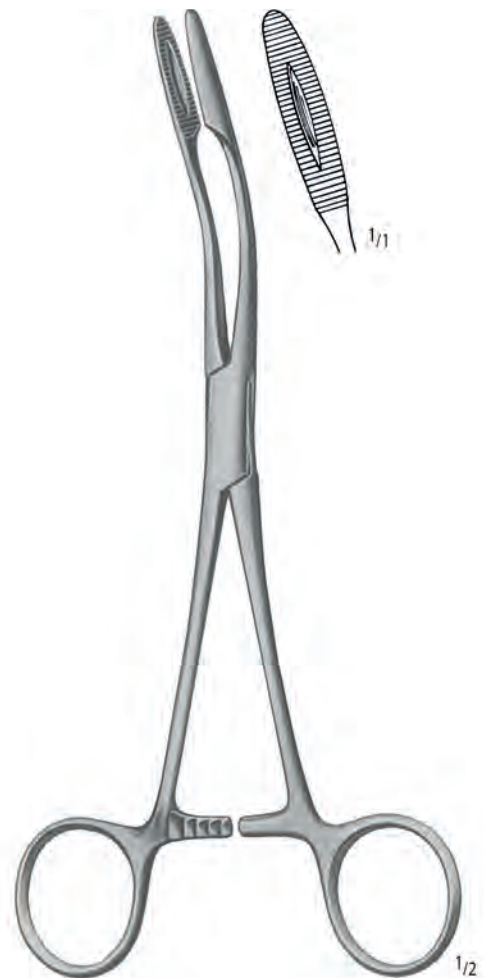
AF 100/27

20,0 cm/8"

22,0 cm/8³/₄"

25,0 cm/10"

27,0 cm/10³/₄"



GROSS-MAIER

AF 101/20

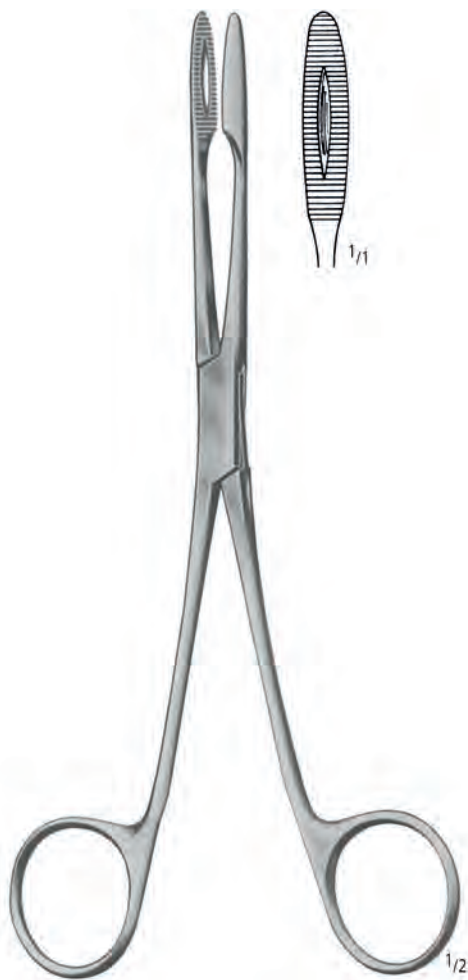
AF 101/22

AF 101/25

AF 101/27

TUPFERZANGEN SPONGE FORCEPS PINZAS PARA POLIPOS PINCES A PANSEMENTS PINZE PER POLIPI

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



GROSS-MAIER

AF 102/20
AF 102/22
AF 102/25
AF 102/27

20,0 cm/8"
22,0 cm/8³/₄"
25,0 cm/10"
27,0 cm/10³/₄"



GROSS-MAIER

AF 103/20
AF 103/22
AF 103/25
AF 103/27

AA
AB
AC
AD
AE
AF
AK
AL
AO
KA
KK
X

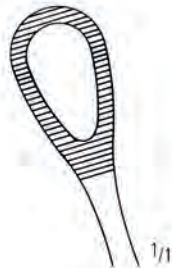
Korn- und Tupferzangen, Schwammzangen
Polypus and Dressing Forceps, Sponge Holding Forceps
Pinzas para pólipos, tapones y esponjas
Pinces à pansements, à tampons et à éponges
Pinze per polipi, tamponi e spugne



FOERSTER-BALLENGER



AF 200/18
AF 200/20



AF 201/18
AF 201/20

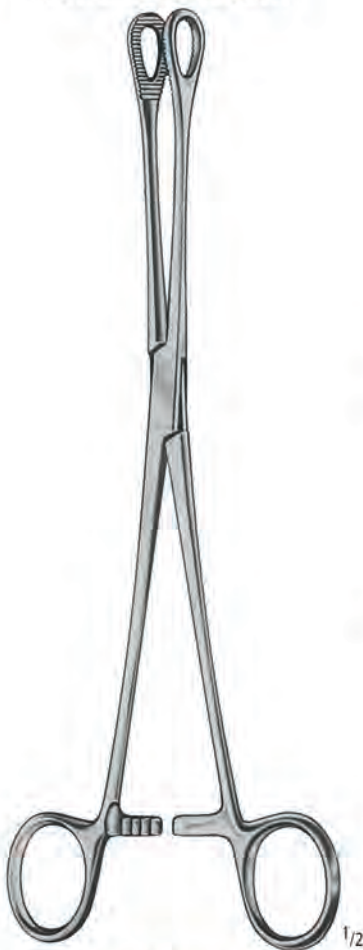
18,0 cm/7"
20,0 cm/8"



AF 202/18
AF 202/20



AF 203/18
AF 203/20

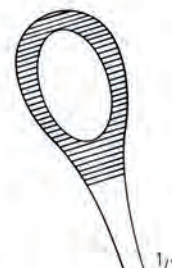


FOERSTER-BALLENGER

25,0 cm/10"



AF 200/25



AF 201/25



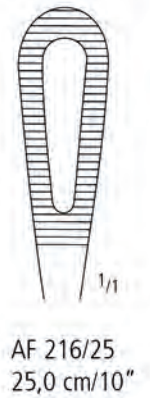
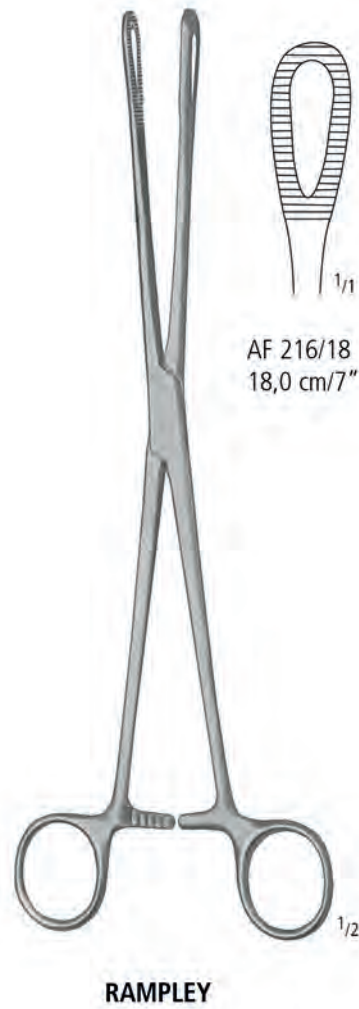
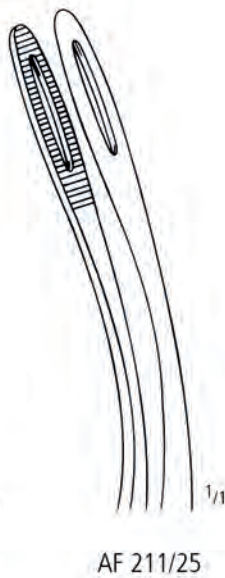
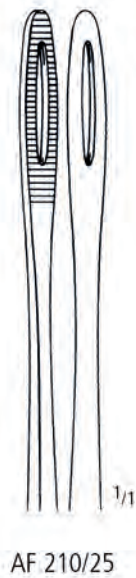
AF 202/25



AF 203/25

TUPFERZANGEN SPONGE FORCEPS PINZAS PARA POLIPOS PINCES A PANSEMENTS PINZE PER POLIPI

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



RAMPLEY

WUNDHAKEN
RETRACTORS
SEPARADORES
ECARTEURS
DIVARICATORI

AK

nopa[®] instruments

Weitere Wundhaken finden Sie in unserem Katalog „Allgemeine Chirurgie“ in Gruppe AK.

For further retractors kindly refer to our catalogue „General Surgery“, section AK.

Para más separadores, por favor consulte nuestro catálogo de „Cirugía general“, grupo AK.

Pour plusd' ecarteurs, consultez notre catalogue „Chirurgie Generale“, section AK.

Per gli altri divaricatori, consultare il nostro catalogo „Chirurgia Generale“, gruppo AK.



AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



1/2

CUSHING
28,0 cm/11"



1/1

AK 034/01



1/1

AK 034/02



1/2

CUSHING
19,0 cm/7 1/2"



1/1

AK 036/01



1/1

AK 036/02



1/2

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



1/2

17,0 cm/6 3/4"



1/1

AK 040/05
5 mm



1/1

AK 040/07
7 mm



1/2

18,5 cm/7 1/3"



1/1

AK 042/10
Ø 1,0 mm



1/1

AK 042/12
Ø 1,2 mm



1/2

AK 044/11
11,0 cm/4 1/3"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



1/2

MEYERDING
18,0 cm/7"



1/1

AK 080/01
18 x 7 mm



1/1

AK 080/03
7 x 4 mm



1/1

AK 080/05
7 x 4 mm



1/1

AK 080/02
16 x 5 mm



1/1

AK 080/04
10 x 3 mm



1/1

AK 080/06
4 x 10 mm



1/2

SENN-GREEN
15,0 cm/6"



1/1

AK 082/10
10 x 6 mm



1/1

AK 082/20
22 x 8 mm



1/2

MINI-LANGENBECK
16,0 cm/6 1/4"



1/1

AK 086/10
10 x 6 mm



1/1

AK 086/17
17 x 5 mm



1/1

AK 086/20
20 x 6 mm



1/1

AK 086/22
22 x 8 mm

AA

AB

AC

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AE

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AG

AH

AI

AJ

AK

AL

AM

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AO

AP

AQ

AR

AS

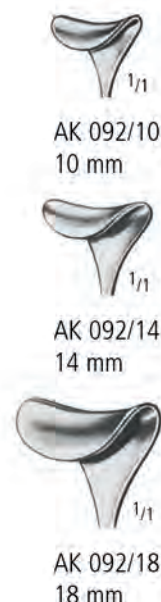
Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



DESMARRES
13,0 cm/5"



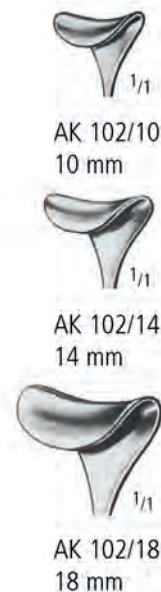
DESMARRES
16,0 cm/6 1/4"



CUSHING
20,0 cm/8"



CUSHING
24,0 cm/9 1/2"



WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



AK 110/09
9 mm



AK 110/11
11 mm



AK 110/13
13 mm



AK 110/15
15 mm



AK 110/18
18 mm



AK 111/09
9 mm



AK 111/11
11 mm



AK 111/13
13 mm



AK 111/15
15 mm



AK 111/18
18 mm

GIL-VERNET
24,5 cm/9³/₄"

GIL-VERNET
28,0 cm/11"

AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken, Spinalhaken
Delicate Retractors, Spinal Retractors
Separadores finas, Separadores espinales
Ecarteurs fins, Ecarteurs spinals
Divaricatori sottili, Divaricatori spinali



AK 120/15



AK 121/15



AK 122/16



AK 123/16



RAGNELL-DAVIS

AK 125/14
14,0 cm/5 1/2"

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

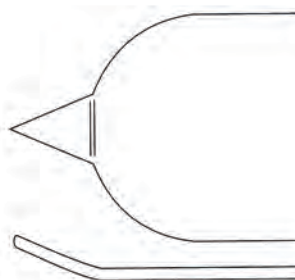
SENN-MILLER
16,0 cm/6 1/4"



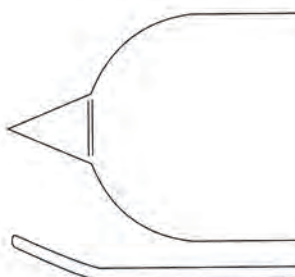
CUSHING
AK 130/20
20,0 cm/8"



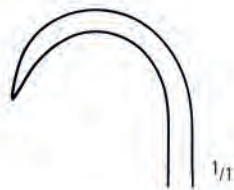
TAYLOR
16,5 cm/6 1/2"



AK 132/07
75 x 30 mm



AK 132/10
100 x 30 mm

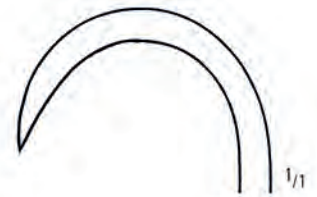


AK 170/21

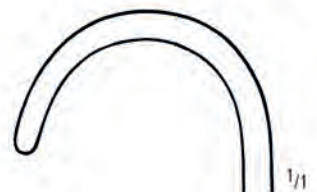


AK 171/21

VOLKMANN
21,5 cm/8 1/2"



AK 172/20
20,0 cm/8"



AK 173/20
20,0 cm/8"



AK 180/08
26 x 40 mm



AK 181/08
26 x 40 mm

KOERTE
24,0 cm/9 1/2"



AK 185/35
35 x 40 mm



AK 185/43
43 x 35 mm

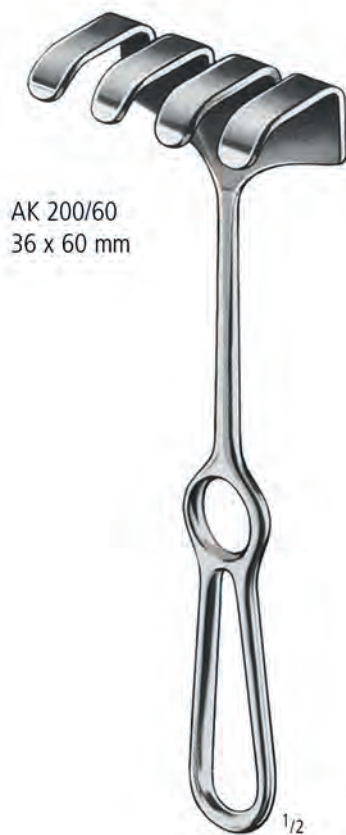


AK 185/45
45 x 50 mm

BILLROTH
25,0 cm/10"



AK 200/30
36 x 30 mm

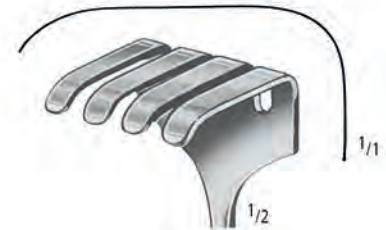


AK 200/60
36 x 60 mm

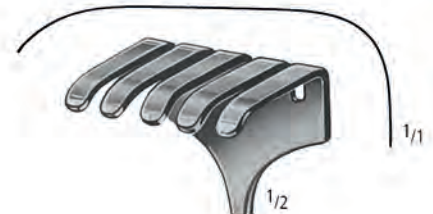
OLLIER
22,5 cm/9"



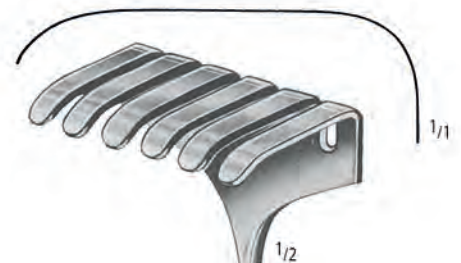
ISRAEL
25,0 cm/10"



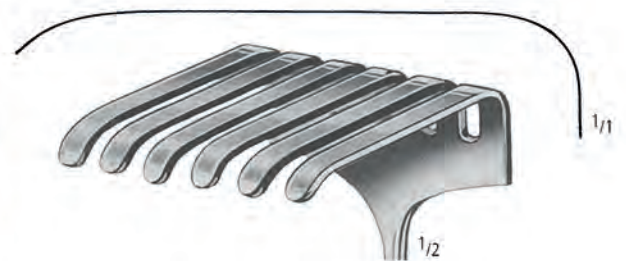
AK 210/40
40 x 40 mm



AK 210/50
45 x 50 mm



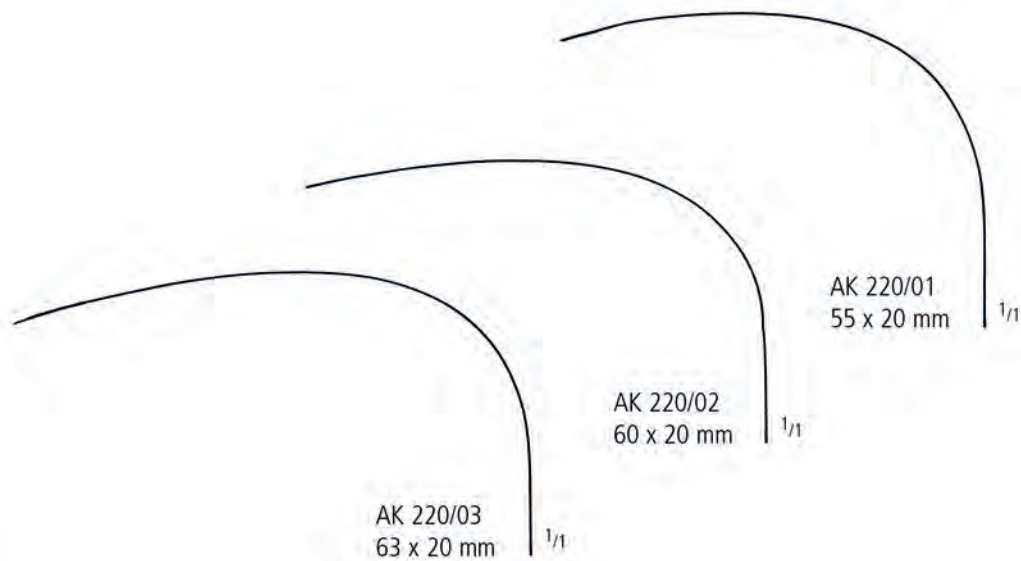
AK 210/60
50 x 60 mm



AK 210/70
70 x 70 mm



LANGENBECK
21,0 cm/8¹/₄"



LANGENBECK
AK 230/01-05
22,0 cm/8³/₄"



AK 230/01
AK 231/01
30 x 11 mm



AK 230/02
AK 231/02
30 x 14 mm



AK 230/03
AK 231/03
30 x 16 mm



AK 230/04
AK 231/04
40 x 11 mm



AK 230/05
AK 231/05
50 x 11 mm



LANGENBECK
AK 231/01-05
22,0 cm/8³/₄"



KOCHER-LANGENBECK
21,5 cm/8½"



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



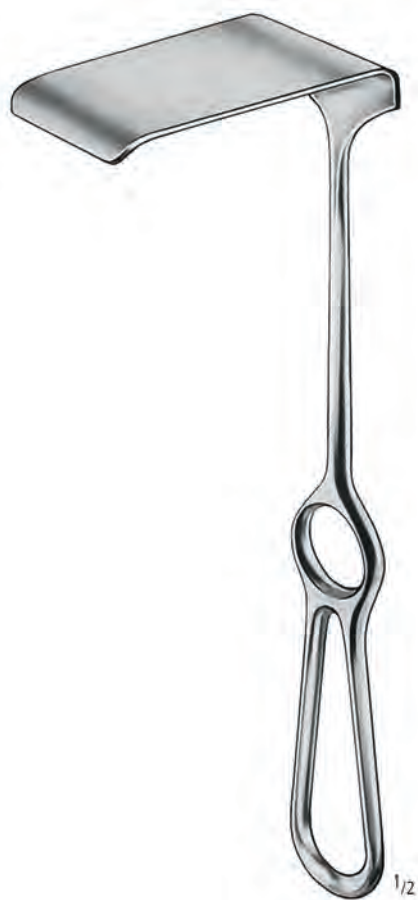
AK 233/07
70 x 14 mm



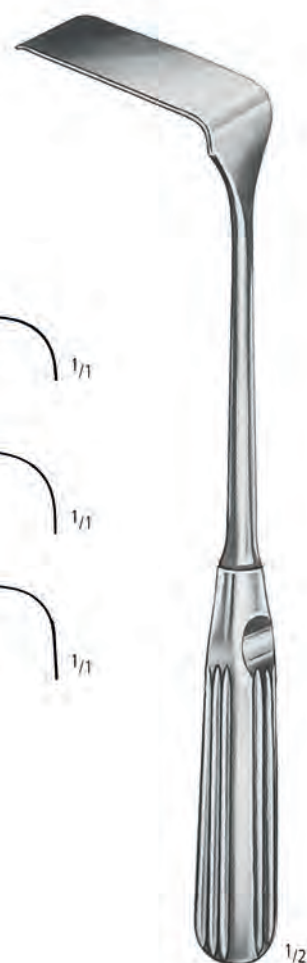
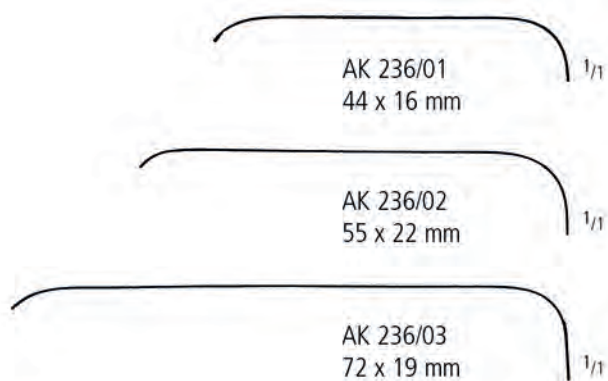
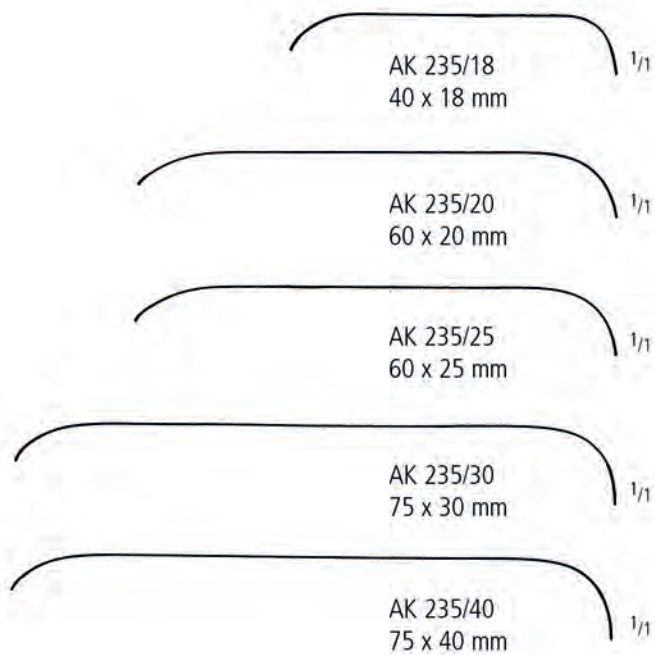
AK 233/08
80 x 12 mm



AK 233/09
80 x 16 mm



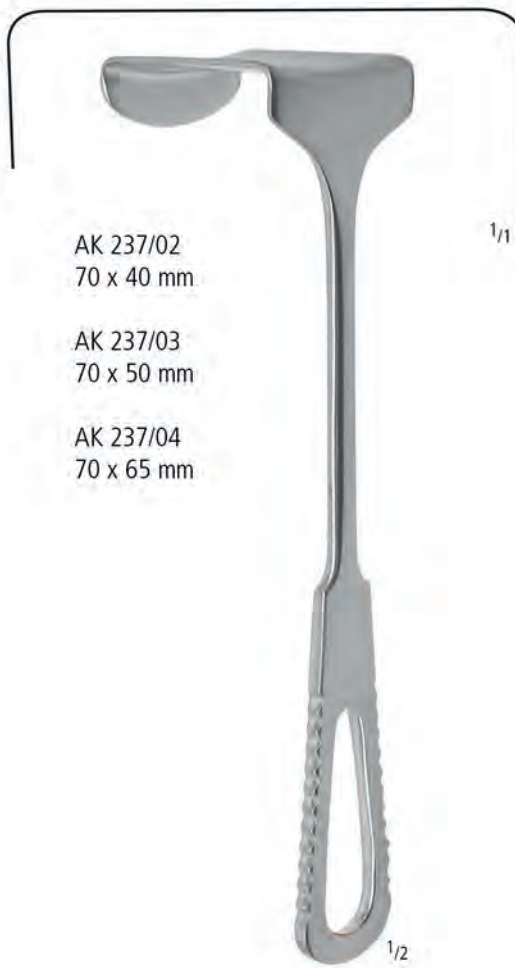
KOCHER
23,0 cm/9"



SAUERBRUCH
22,5 cm/8³/₄"



MORRIS
26,0 cm/10 1/2"

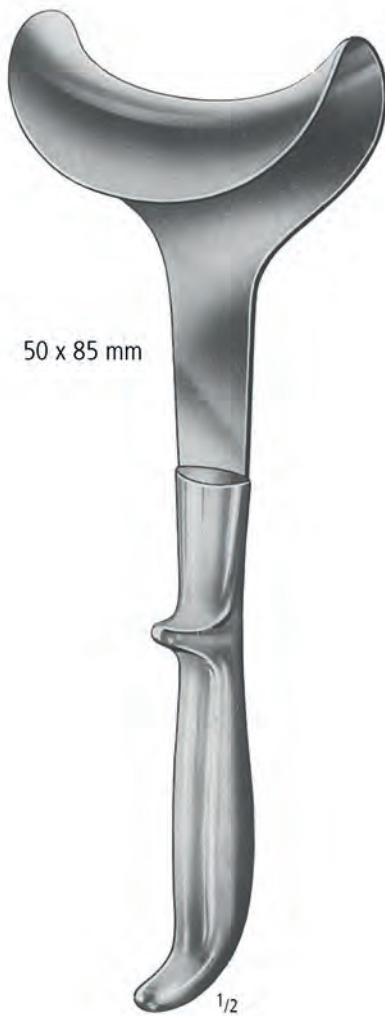
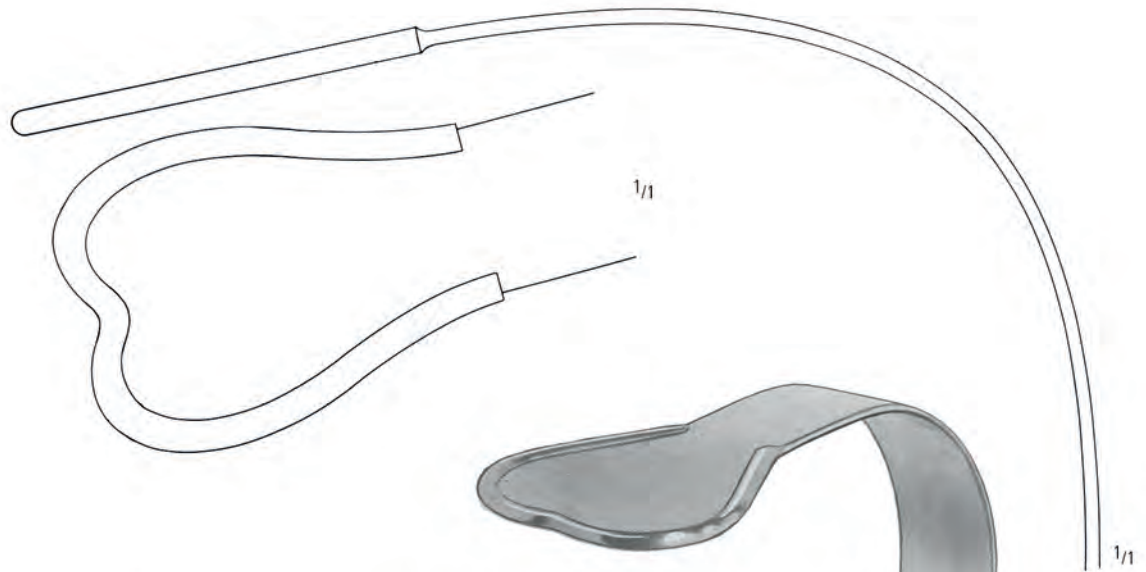


MORRIS
25 cm/10"

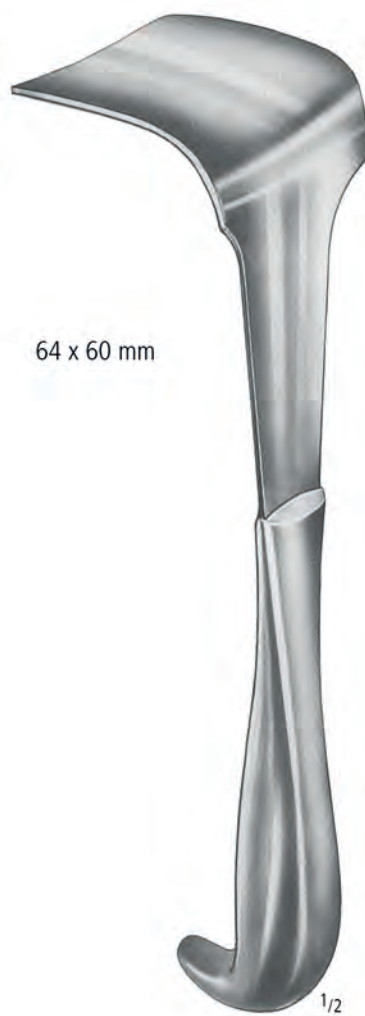


MORRIS
AK 238/24
25,0 cm/10"





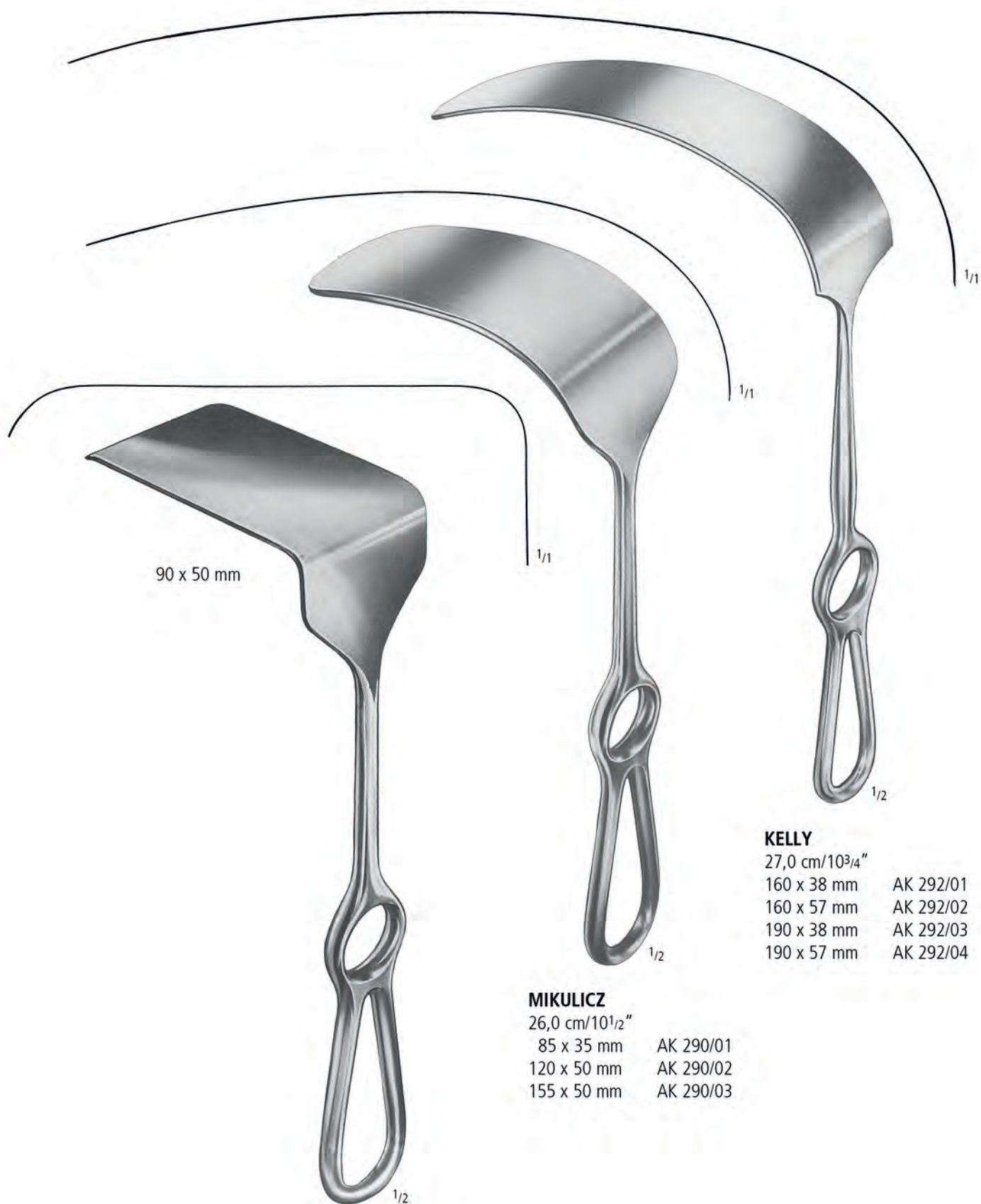
DOYEN
AK 280/25
25,0 cm/10"



TUFFIER
AK 282/23
23,0 cm/9"



HARRINGTON
32,0 cm/12³/₄"
127 x 40 mm AK 284/40
127 x 62 mm AK 284/62
175 x 64 mm AK 284/64



MIKULICZ
AK 286/26
26,0 cm/10¹/₂"

MIKULICZ
26,0 cm/10¹/₂"
85 x 35 mm AK 290/01
120 x 50 mm AK 290/02
155 x 50 mm AK 290/03

KELLY
27,0 cm/10³/₄"
160 x 38 mm AK 292/01
160 x 57 mm AK 292/02
190 x 38 mm AK 292/03
190 x 57 mm AK 292/04





38 mm

1/2

DEAVER
AK 300/07
30,0 cm/12"



50 mm

1/2

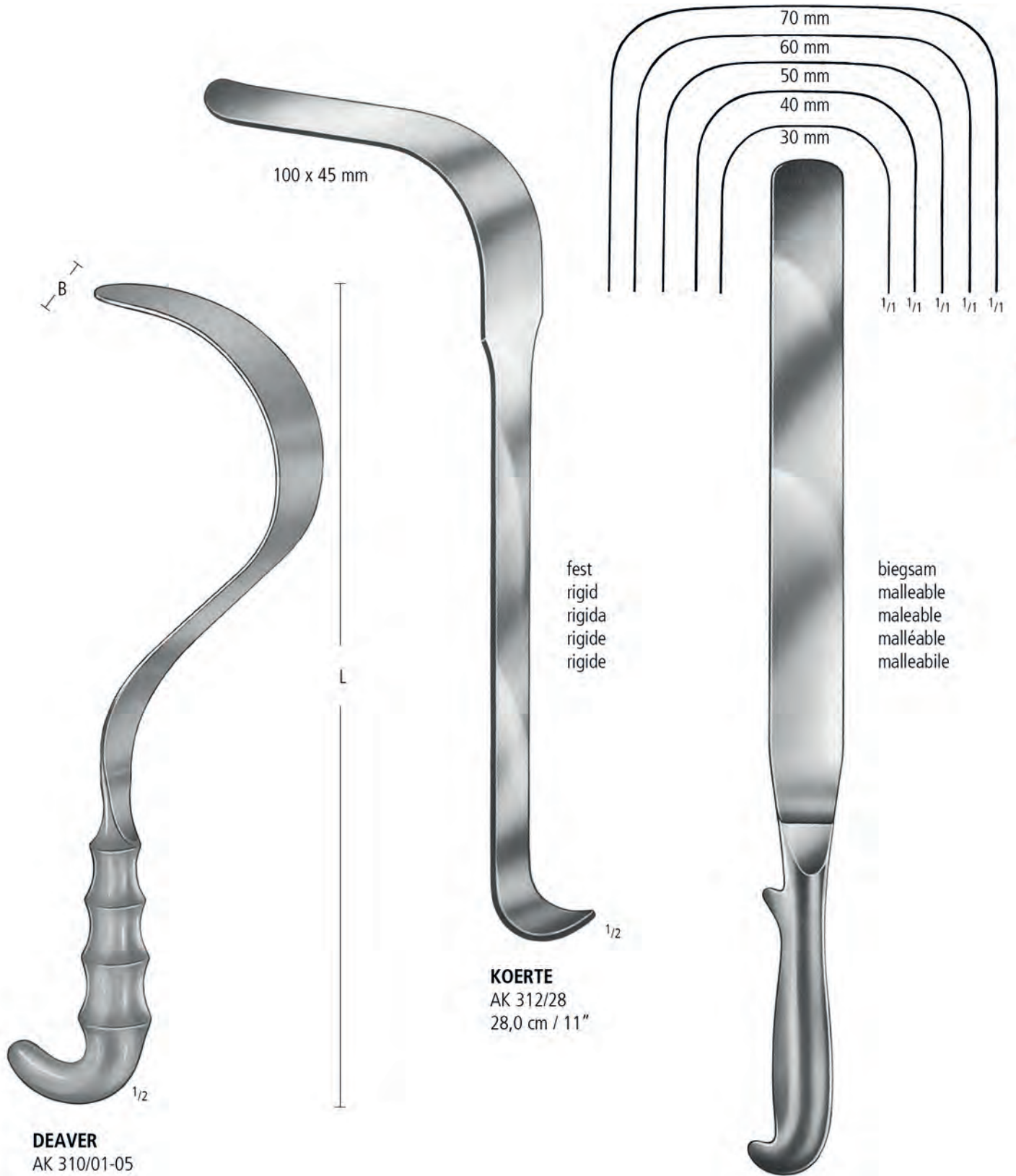
DEAVER
AK 300/08
30,0 cm/12"



75 mm

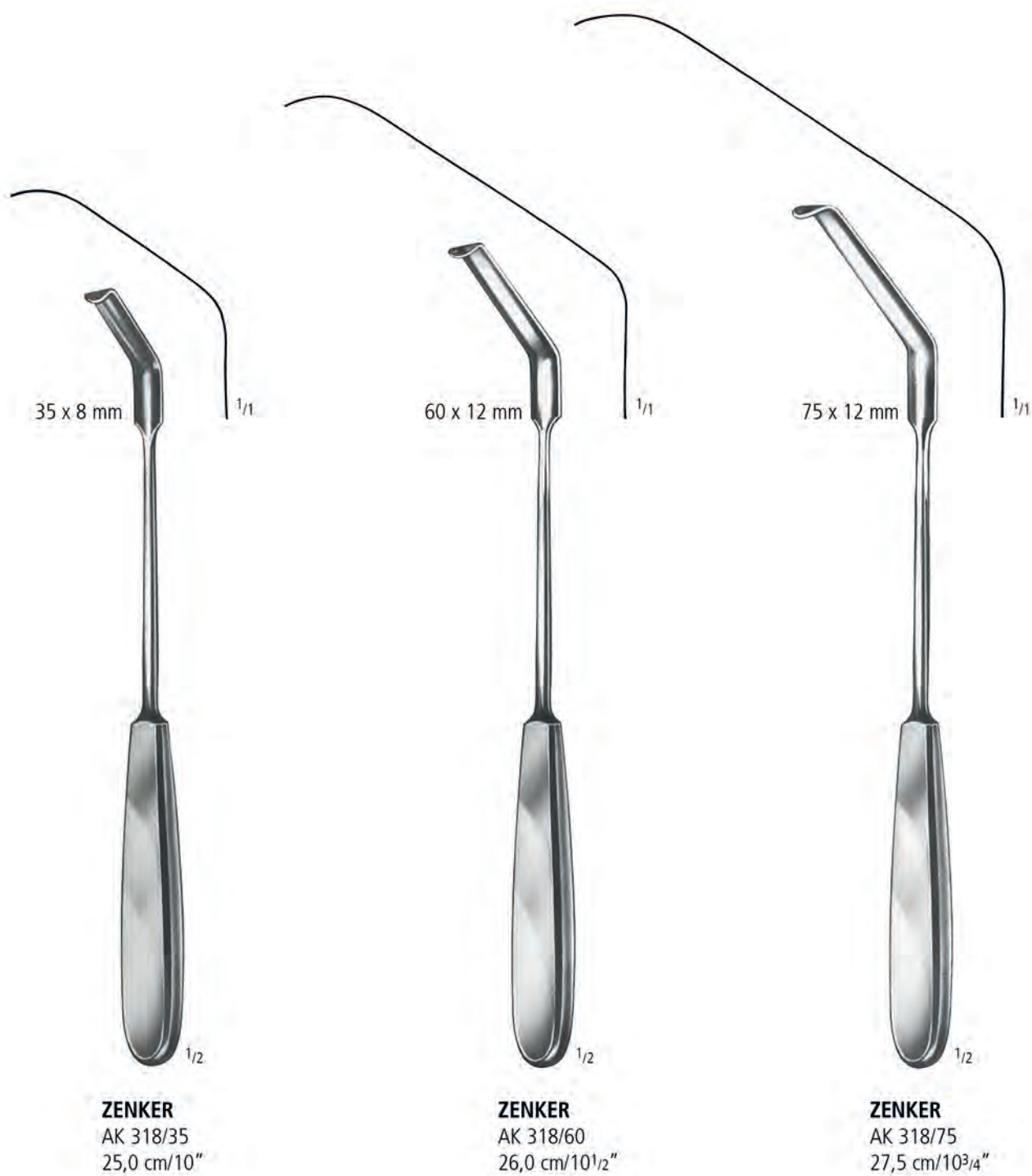
1/2

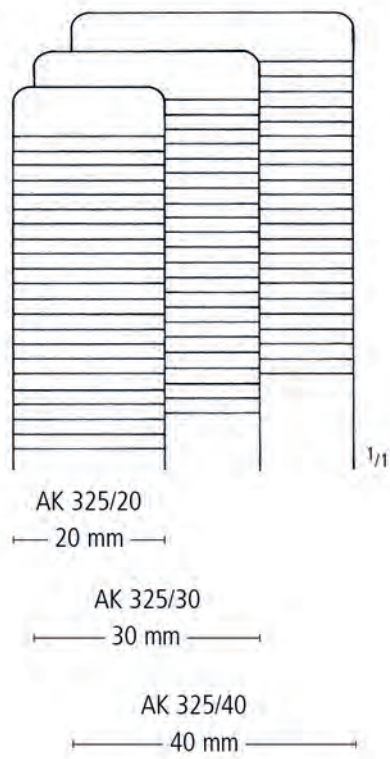
DEAVER
AK 300/09
30,0 cm/12"



	B	L	
Fig. 1	25 mm	30,5 cm/12"	AK 310/01
Fig. 2	25 mm	33,0 cm/13"	AK 310/02
Fig. 3	38 mm	30,5 cm/12"	AK 310/03
Fig. 4	50 mm	30,5 cm/12"	AK 310/04
Fig. 5	75 mm	30,5 cm/12"	AK 310/05

245 x 30 mm	AK 315/30
245 x 40 mm	AK 315/40
245 x 50 mm	AK 315/50
245 x 60 mm	AK 315/60
245 x 70 mm	AK 315/70





KADER
27,0 cm/10³/₄"



CORYLLOS
24,0 cm/9 1/2"



SAUERBRUCH
AK 330/25
25,0 cm/10"



75 x 50 mm

DAVIDSON
AK 337/50
16,0 cm/6¹/₄"



75 x 90 mm

DAVIDSON
AK 337/90
16,0 cm/6¹/₄"

AA

AB

AC

AD

AE

AF

AK

AL

AO

KA

KK

X

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici



FINSEN

5,0 cm/2"
7,0 cm/2¾"

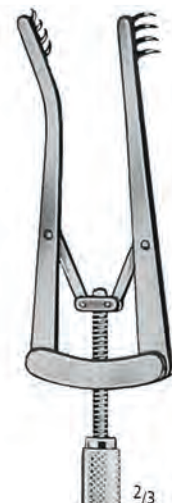
AK 500/05
AK 500/07

AK 501/05
AK 501/07



AK 502/10

AK 503/10
10,0 cm/4"



ALM

7,0 cm/2¾"
10,0 cm/4"

AK 506/07
AK 506/10

AK 507/07
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/4¼"

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici

WEITLANER



WEITLANER-BABY
AK 519/14
14,0 cm/5½"



WEITLANER
AK 520/13 AK 521/13
13,0 cm/5"



WEITLANER

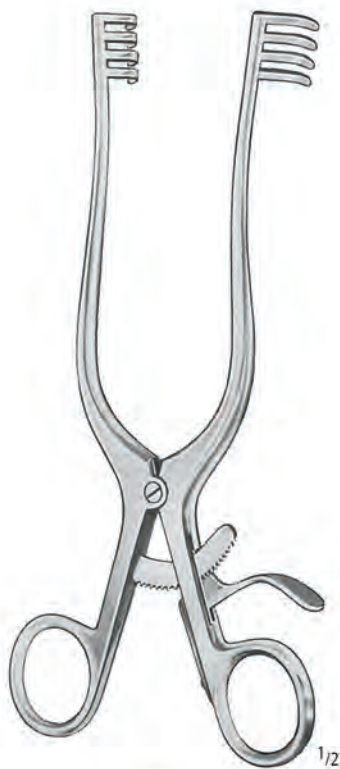
10,5 cm/4¼"
13,0 cm/5"
16,5 cm/6½"
20,0 cm/8"
25,0 cm/10"
26,0 cm/10½"

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

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

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

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici



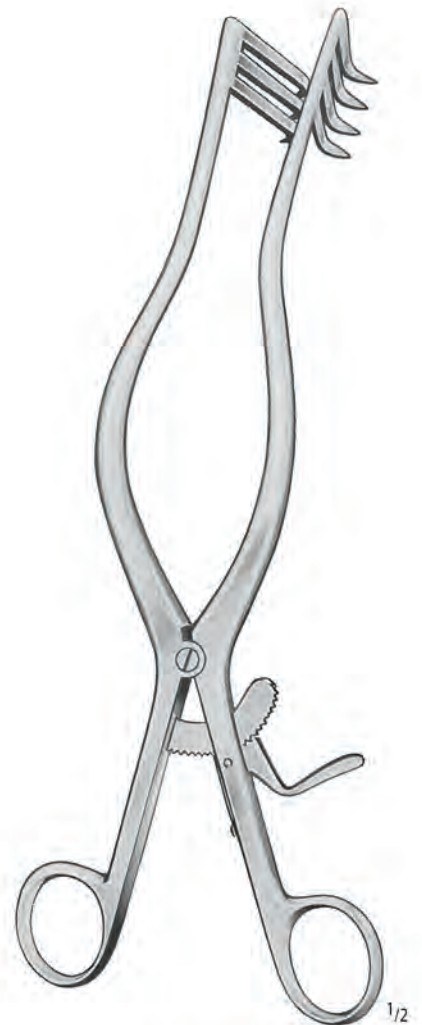
ADSON

AK 554/20 AK 555/20
20,0 cm/8"



ANDERSON-ADSON

AK 556/20 AK 557/20
20,0 cm/8"



ADSON

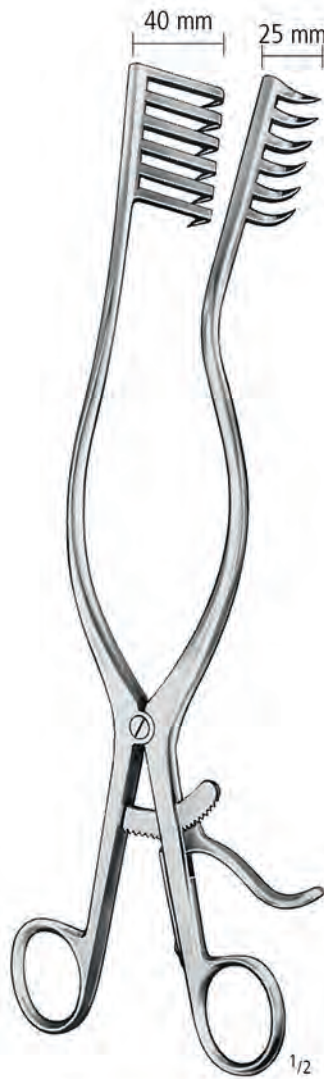
AK 558/27 AK 559/27
27,0 cm/10³/₄"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici



ADSON
AK 560/27
27,0 cm/10³/₄"



ADSON-R
AK 561/01
27,0 cm/10³/₄"



ADSON-L
AK 561/02
27,0 cm/10³/₄"

AK
AL
AO
KA
KK
X
AE
AF
AG
AD
AC
AB
AA

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici



ADSON-BABY
AK 562/14
14,0 cm/5½"



CONE

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

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

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

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

GEFÄSSINSTRUMENTE UND SONDEN
VESSEL INSTRUMENTS AND PROBES
INSTRUMENTAL VASCULAR Y SONDAS
INSTRUMENTS VAISSEaux ET SONDES
STRUMENTI VASCOLARI E SONDE

AL

nopa[®] instruments

Weitere Sonden finden Sie in unserem Katalog
„Allgemeine Chirurgie“ in Gruppe AL.

For further probes kindly refer to our catalogue
„General Surgery“, section AL.

Para sondas adicionales, por favor consulte nuestro
catálogo de „Cirugía general“, grupo AL.

Pour des sondes supplémentaires, consultez notre
catalogue „Chirurgie Generale“, section AL.

Per gli altri sonde, consultare il nostro catalogo
„Chirurgia Generale“, gruppo AL.



SONDEN PROBES SONDAS SONDES SONDE

Sonden
Probes
Sondas
Sondes
Sonde



1/2

1,0 mm

2,0 mm

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"

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

AL 002/11
AL 002/13
AL 002/14
AL 002/16
AL 002/18
AL 002/20
AL 002/25



1/2

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



1/2

MYRTLE LEAF

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

Silber
silver
de plata
en argent
d'argento



1/2

STACKE

AL 013/10
10,5 cm/4 1/4"
Ø 1,0 mm



1/2

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



1/2

DOYEN

AL 017/14



1/2

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



1/2

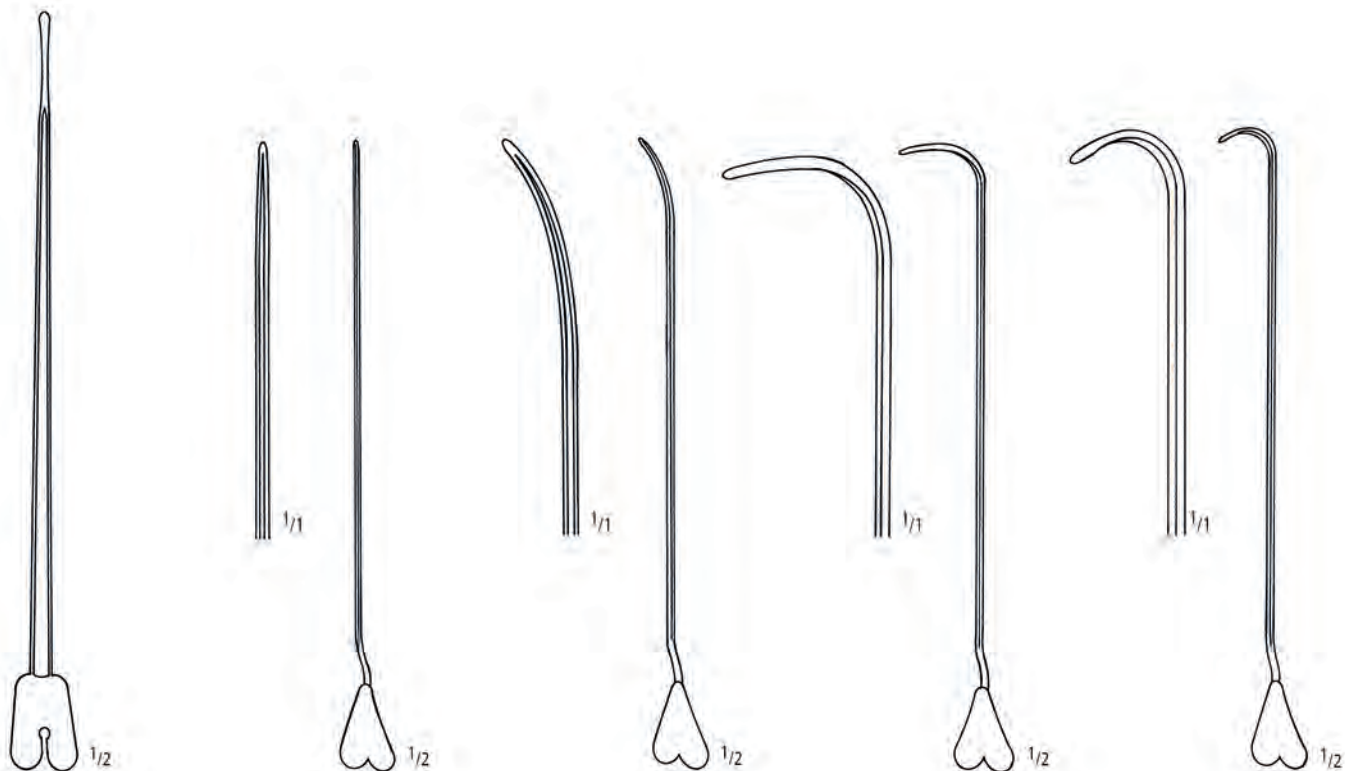
NELATON

AL 022/16

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

AL 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

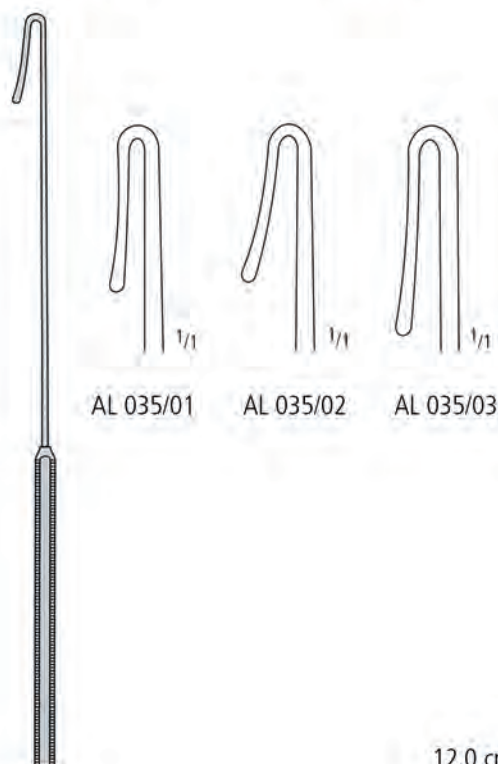
Fig. 1
AL 030/01

Fig. 2
AL 030/02

LOCKHART-MUMMERY

Fig. 3
AL 030/03

Fig. 4
AL 030/04



AL 035/01

AL 035/02

AL 035/03

PRATT

21,0 cm/8 1/4"



FARRELL

12,0 cm/4 3/4" AL 100/12
14,0 cm/5 1/2" AL 100/14
16,5 cm/6 1/2" AL 100/16
18,0 cm/7" AL 100/18



FARRELL

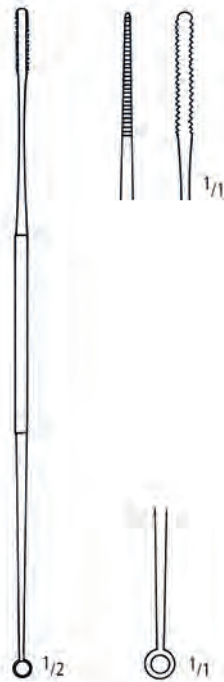
1,2 mm 0,9 mm 1,1 mm 1,2 mm
AL 120/12 AL 120/14 AL 120/16 AL 120/18

SONDEN PROBES SONDAS SONDES SONDE

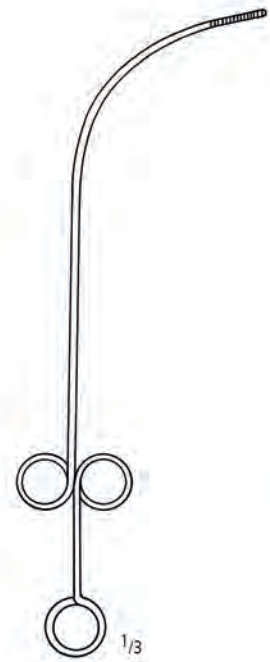
Watteträger und Krampfader-Besteck
Cotton Applicators and Varicose Vein Probe Set
Porta-algodones y sonda para várices
Porte-coton et trousse à varices
Portacotone e astuccio per varici



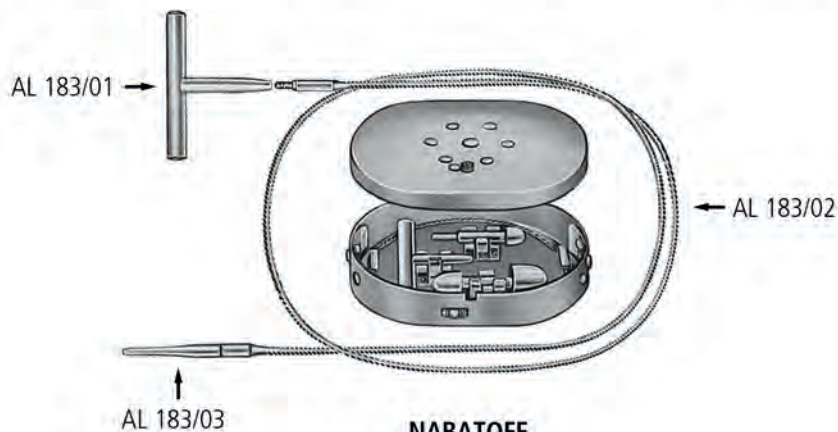
UCKERMANN
AL 160/16
16,0 cm/6 1/4"



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



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



NABATOFF
AL 180/00
komplett-complete-completo-complet-completo

AL SONDEN PROBES SONDAS SONDÉS SONDE

Gefäß-Dilatatoren
Vascular Dilators
Dilatadores vasculares
Dilatateurs vasculaires
Dilatatori per vasi



biegsam
malleable
maleables
malléables
malleabili

GARRETT

	14,0 cm/5 1/2"	21,0 cm/8 1/4"
1,0 mm	AL 190/10	AL 192/10
1,5 mm	AL 190/15	AL 192/15
2,0 mm	AL 190/20	AL 192/20
2,5 mm	AL 190/25	AL 192/25
3,0 mm	AL 190/30	AL 192/30
3,5 mm	AL 190/35	AL 192/35
4,0 mm	AL 190/40	AL 192/40
4,5 mm	AL 190/45	AL 192/45
5,0 mm	AL 190/50	AL 192/50



biegsam
malleable
maleables
malléables
malleabili

COOLEY
13,0 cm/5"



AL 196/05
0,5 mm Ø



AL 196/10
1,0 mm Ø



AL 196/15
1,5 mm Ø



AL 196/20
2,0 mm Ø



AL 196/25
2,5 mm Ø



AL 196/30
3,0 mm Ø



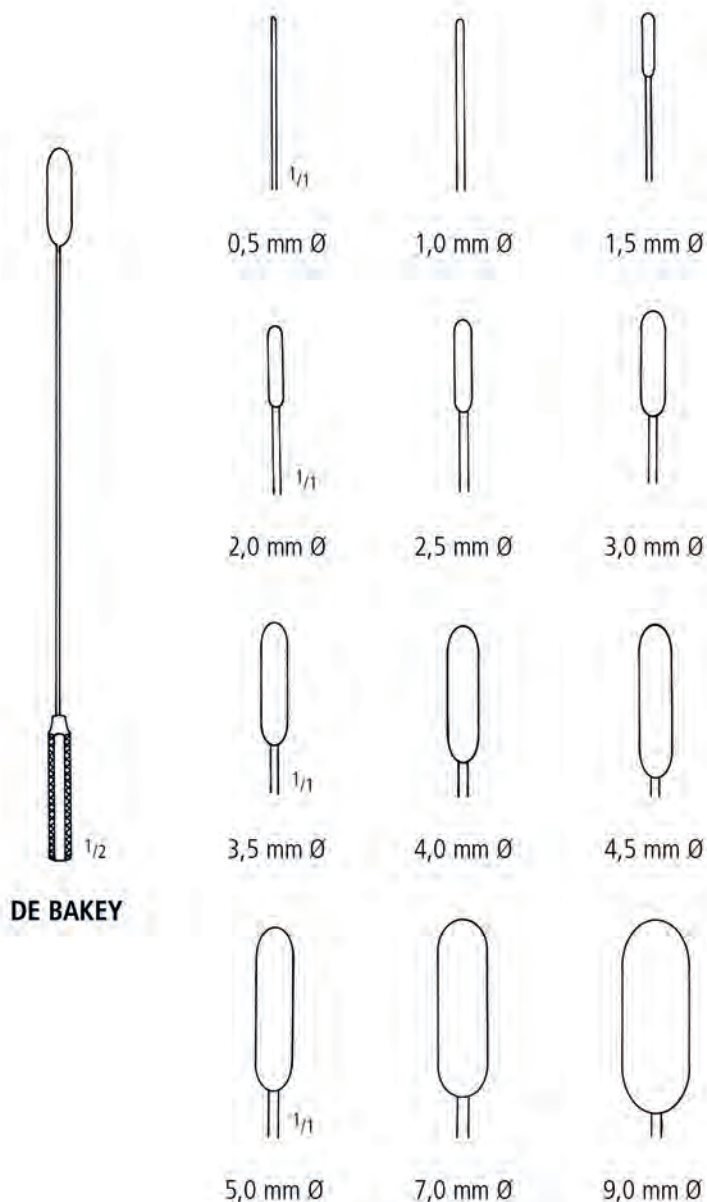
AL 196/40
4,0 mm Ø



AL 196/50
5,0 mm Ø

SONDEN PROBES SONDAS SONDES SONDE

Gefäß-Dilatatoren
Vascular Dilators
Dilatadores vasculares
Dilatateurs vasculaires
Dilatatori per vasi



DE BAKEY

biegsam-malleable-maleables-malléables-malleabili

mm Ø	19,0 cm / 7 1/2"	35,0 cm / 14"
0,5	AL 200/05	AL 201/05
1,0	AL 200/10	AL 201/10
1,5	AL 200/15	AL 201/15
2,0	AL 200/20	AL 201/20
2,5	AL 200/25	AL 201/25
3,0	AL 200/30	AL 201/30
3,5	AL 200/35	AL 201/35
4,0	AL 200/40	AL 201/40
4,5	AL 200/45	AL 201/45
5,0	AL 200/50	AL 201/50
7,0	AL 200/70	AL 201/70
9,0	AL 200/90	AL 201/90

AL SONDEN PROBES SONDAS SONDES SONDE

Gefäß-Stripper
Vascular Strippers
Desobliteradores de vasos
Tire-veines
Tiravene



50,0 cm / 20"



AL 220/02
2,0 mm



AL 220/06
6,0 mm



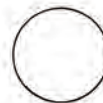
AL 220/10
10,0 mm



AL 220/03
3,0 mm



AL 220/07
7,0 mm



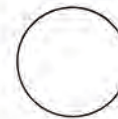
AL 220/12
12,0 mm



AL 220/04
4,0 mm



AL 220/08
8,5 mm



AL 220/14
14,0 mm



1/2

AL 222/12
12,0 cm / 4 3/4"

SONDEN PROBES SONDAS SONDES SONDE

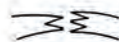
Fasszangen
Grasping Forceps
Pinzas para coger
Pinces pour saisir
Pinze per afferrare



38,0 cm / 15 1/4"



AL 250/38



AL 251/38



AL 252/38

1,0 mm	KB 100/02
2,0 mm	KB 100/04
3,0 mm	KB 100/06
4,0 mm	KB 100/08
5,0 mm	KB 100/10
6,0 mm	KB 100/12
7,0 mm	KB 100/14
8,0 mm	KB 100/16
9,0 mm	KB 100/18
10,0 mm	KB 100/20
11,0 mm	KB 100/22
12,0 mm	KB 100/24
13,0 mm	KB 100/26
14,0 mm	KB 100/28
15,0 mm	KB 100/30
16,0 mm	KB 100/32
17,0 mm	KB 100/34
18,0 mm	KB 100/36
19,0 mm	KB 100/38
20,0 mm	KB 100/40
21,0 mm	KB 100/42
22,0 mm	KB 100/44
23,0 mm	KB 100/46
24,0 mm	KB 100/48
25,0 mm	KB 100/50
26,0 mm	KB 100/52
27,0 mm	KB 100/54
28,0 mm	KB 100/56
29,0 mm	KB 100/58
30,0 mm	KB 100/60

1,5 mm	KB 100/03
2,5 mm	KB 100/05
3,5 mm	KB 100/07
4,5 mm	KB 100/09
5,5 mm	KB 100/11
6,5 mm	KB 100/13
7,5 mm	KB 100/15
8,5 mm	KB 100/17
9,5 mm	KB 100/19
10,5 mm	KB 100/21
11,5 mm	KB 100/23
12,5 mm	KB 100/25
13,5 mm	KB 100/27
14,5 mm	KB 100/29
15,5 mm	KB 100/31
16,5 mm	KB 100/33
17,5 mm	KB 100/35
18,5 mm	KB 100/37
19,5 mm	KB 100/39



HEGAR

KB 110/14

Satz zu 14 Dilatatoren 4,0 mm - 17,0 mm
Set of 14 dilators 4,0 mm - 17,0 mm
Juego de 14 dilatadores 4,0 mm - 17,0 mm
Jeu de 14 dilateurs 4,0 mm - 17,0 mm
Serie di 14 dilatatori 4,0 mm - 17,0 mm

KB 110/26

Satz zu 26 Dilatatoren 1,0 mm - 26,0 mm
Set of 26 dilators 1,0 mm - 26,0 mm
Juego de 26 dilatadores 1,0 mm - 26,0 mm
Jeu de 26 dilateurs 1,0 mm - 26,0 mm
Serie di 26 dilatatori 1,0 mm - 26,0 mm

KB 112/14

Satz zu 14 Dilatatoren 4,0 mm - 17,0 mm
Set of 14 dilators 4,0 mm - 17,0 mm
Juego de 14 dilatadores 4,0 mm - 17,0 mm
Jeu de 14 dilateurs 4,0 mm - 17,0 mm
Serie di 14 dilatatori 4,0 mm - 17,0 mm



HEGAR



HEGAR

1,0/ 2,0 mm	KB 113/02
3,0/ 4,0 mm	KB 113/04
5,0/ 6,0 mm	KB 113/06
7,0/ 8,0 mm	KB 113/08
9,0/10,0 mm	KB 113/10
11,0/12,0 mm	KB 113/12
13,0/14,0 mm	KB 113/14
15,0/16,0 mm	KB 113/16
17,0/18,0 mm	KB 113/18
19,0/20,0 mm	KB 113/20
21,0/22,0 mm	KB 113/22
23,0/24,0 mm	KB 113/24
25,0/26,0 mm	KB 113/26

KB 114/08

Satz zu 8 Dilatatoren 3,0/4,0 mm - 17,0/18,0 mm
Set of 8 dilators 3,0/4,0 mm - 17,0/18,0 mm
Juego 8 dilatadores 3,0/4,0 mm - 17,0/18,0 mm
Jeu de 8 dilateurs 3,0/4,0 mm - 17,0/18,0 mm
Serie di 8 dilatatori 3,0/4,0 mm - 17,0/18,0 mm

KB 114/13

Satz zu 13 Dilatatoren 1,0/2,0 mm - 25,0/26,0 mm
Set of 13 dilators 1,0/2,0 mm - 25,0/26,0 mm
Juego de 13 dilatadores 1,0/2,0 mm - 25,0/26,0 mm
Jeu de 13 dilateurs 1,0/2,0 mm - 25,0/26,0 mm
Serie di 13 dilatatori 1,0/2,0 mm - 25,0/26,0 mm



HEGAR

KB 115/08

Satz zu 8 Dilatatoren 3,0/4,0 mm - 17,0/18,0 mm
Set of 8 dilators 3,0/4,0 mm - 17,0/18,0 mm
Juego 8 dilatadores 3,0/4,0 mm - 17,0/18,0 mm
Jeu de 8 dilateurs 3,0/4,0 mm - 17,0/18,0 mm
Serie di 8 dilatatori 3,0/4,0 mm - 17,0/18,0 mm

SAUGROHRE UND KANÜLEN
SUCTION TUBES AND CANNULAE
TUBOS DE ASPIRACION Y CANULAS
TUBES D'ASPIRATION ET CANULES
TUBI D'ASPIRAZIONE E CANNULE

AO

nopa[®] instruments

Weitere Instrumente für den Bereich AO finden Sie in unserem Katalog „Allgemeine Chirurgie“ in der Gruppe AO.

For further instruments of the section AO kindly refer to our catalogue „General Surgery“, section AO.

Para instrumentos adicionales del este grupo AO, por favor consulte nuestro catálogo de „Cirugía general“, grupo AO.

Pour instruments supplémentaires AO, consultez notre catalogue „Chirurgie Generale“, section AO.

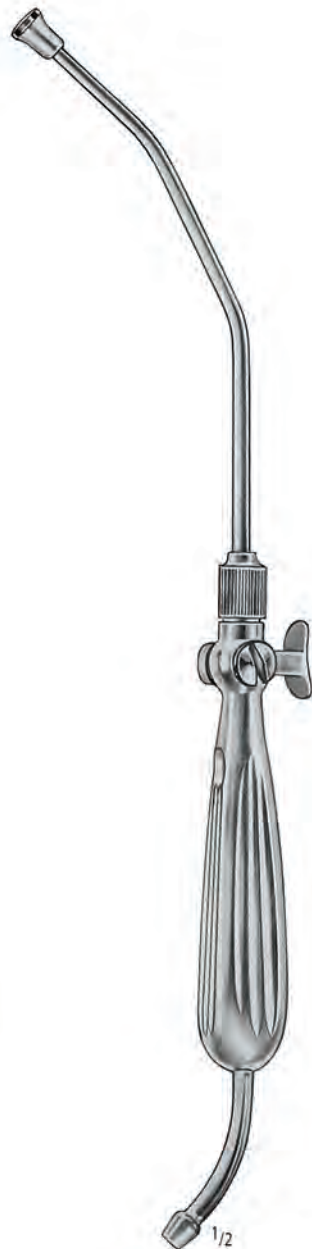
Per altri strumenti de questo gruppo AO, consultare il nostro catalogo „Chirurgia Generale“, gruppo AO.



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



YANKAUER
AO 400/00
27,0 cm/11"



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

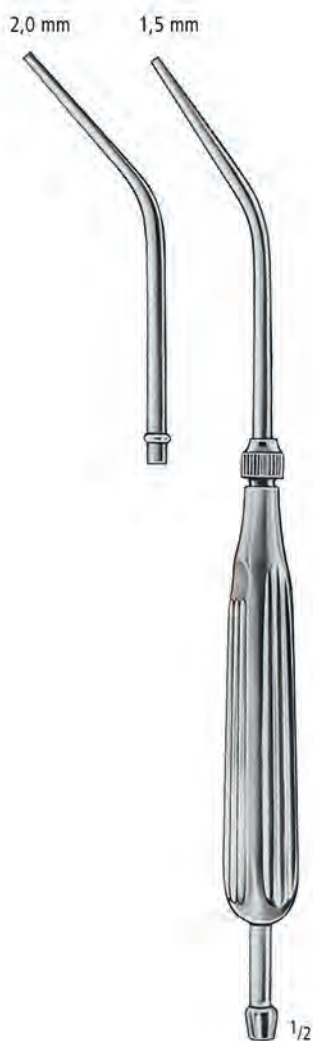


ANDREWS-PYNCHON
AO 406/00
23,5 cm/9¹/₃"



DE BAKEY
AO 408/00
27,5 cm/10³/₄"

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



COUPLAND
AO 410/00



BYRD
1,5 mm AO 412/15
2,5 mm AO 412/25
3,5 mm AO 412/35



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



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

PLESTER

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

FERGUSSON

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



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



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

KNOCHENINSTRUMENTE
BONE INSTRUMENTS
INSTUMENTOS PARA HUESOS
INSTRUMENTS DES OS
STRUMENTI PER OSSA

KA

nopa[®] instruments

Bohrapparate u. Zubehör	Seite	219-221
Drilling devices and accessories	Page	219-221
Taladradoras y accesorios	Página	219-221
Perceuses et accessoires	Page	219-221
Alesatrici e accessori	Pagina	219-221
Drahtzangen	Seite	222-223
Wire forceps	Page	222-223
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Pinces à fil	Page	222-223
Tenaglie fili	Pagina	222-223
Hohlmeißel- und Knochensplitterzangen	Seite	224-232
Bone rongeurs and bone cutting forceps	Page	224-232
Pinzas gubias y pinzas cortantes para huesos	Página	224-232
Pinces gouges et pinces coupantes à os	Page	224-232
Pinze sgorbie e pinze cesoie per ossa	Pagina	224-232



Bohrapparate und Zubehör
Drilling devices and accessories
Taladradoras y accesorios
Perceuses et accessoires
Alesatrici e accessori



KA 120/00
Akku Bohrapparat / Accu power drill

Spannung / Voltage	9,6 Volt
Drehzahl / Revolutions	0-750 U/min
Leistung / Power	130/200 Watt



KA 121/00
Luft Bohrapparat / Air power drill

Drehzahl / Revolutions	600 U/min
Druck / Compression	6,5 bar

AA

AB

AC

AD

AE

AF

AG

AH

AI

AJ

AK

AL

AM

AN

AO

AP

AQ

AR

Zubehör für KA 120/00 und KA 121/00
Accessories for KA 120/00 and KA 121/00
Accesorios para KA 120/00 y KA 121/00
Accessoires pour KA 120/00 et KA 121/00
Accessori per KA 120/00 e KA 121/00



KA 122/10
Adapter mit Jacobs Spannfutter
Adapter with Jacobs chuck



KA 122/11
Adapter für AO Schaft
Adapter for AO shank



KA 122/13
Adapter für DIN Schaft
Adapter for DIN shank



KA 122/14
Adapter für Harris Schaft
Adapter for Harris shank



KA 122/15
Adapter für Hudson Schaft
Adapter for Hudson shank



KA 122/16
Schnellspannfutter für Kirschnerdrähte 0,8 bis 3,0 mm
Quick-action chuck for Kirschner wires 0,8 to 3,0 mm



KA 123/01
Osteotomie Säge oszillierend
Sagittal saw oscillating



KA 123/02
Sternum Säge
Sternum Saw

Ladegerät / Akku
Charger / Battery
Cargador / acumulador
Chargeur d'accus / accumulateur
Caricabatteria / accumulatore



KA 124/01

Ladegerät Netzspannung 115V / 240V Ladezeit 60 min
Charger main voltage 115V / 240V charging time 60 min



KA 124/02

Ladegerät für 2 Akkus Netzspannung 115V / 240V Ladezeit 60 min
Charger for 2 batteries main voltage 115V / 240V Charging time 60 min



KA 124/10
9,6V 2600mAh



KA 124/11
12V 2600mAh

AA

AB

AC

AD

AE

AF

AK

AL

AO

KA

KK

X

Drahtzangen
Wire Forceps
Pinzas para hilos
Pincers à fil
Tenaglie fili



KA 270/15
15,0 cm/6"



KA 271/16
16,0 cm/6 1/4"

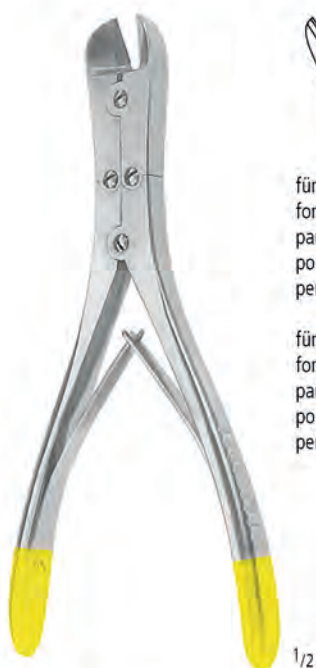


KA 272/18
18,0 cm/7"

für weiche Drähte bis 2,0 mm Ø
for soft wires up to 2,0 mm Ø
para hilos blandos hasta 2,0 mm de Ø
pour fils mous jusqu'à 2,0 mm de Ø
per fili morbidi sino a mm 2,0 di Ø

für harte Drähte bis 1,5 mm Ø
for hard wires up to 1,5 mm Ø
para hilos duros hasta 1,5 mm de Ø
pour fils durs jusqu'à 1,5 mm de Ø
per fili duri sino a mm 1,5 di Ø

nopa®
TUE



KA 273/17
17,0 cm/6 3/4"

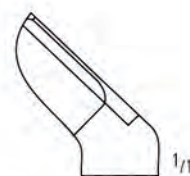


für weiche Drähte bis 2,0 mm Ø
for soft wires up to 2,0 mm Ø
para hilos blandos hasta 2,0 mm de Ø
pour fils mous jusqu'à 2,0 mm de Ø
per fili morbidi sino a mm 2,0 di Ø

für harte Drähte bis 1,6 mm Ø
for hard wires up to 1,6 mm Ø
para hilos duros hasta 1,6 mm de Ø
pour fils durs jusqu'à 1,6 mm de Ø
per fili duri sino a mm 1,6 di Ø



KA 273/22
22,0 cm/8 3/4"



für Drähte bis 2,5 mm Ø
for wires up to 2,5 mm Ø
para hilos hasta 2,5 mm de Ø
pour fils jusqu'à 2,5 mm de Ø
per fili sino a mm 2,5 di Ø

Drahtzangen
Wire Forceps
Pinzas para hilos
Pinces à fil
Tenaglie fili



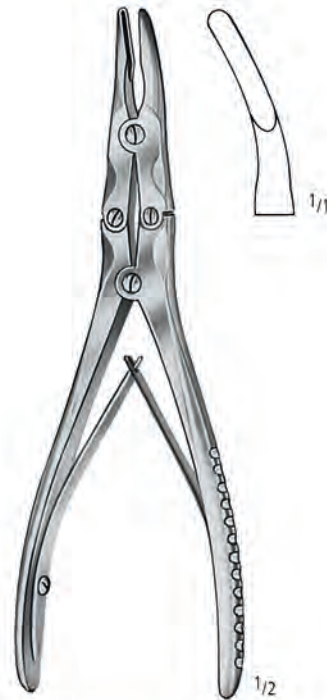
KA 275/47
47,0 cm/18 1/2"

AA
AB
AC
AD
AE
AF
AK
AL
AO
KA
KK
X

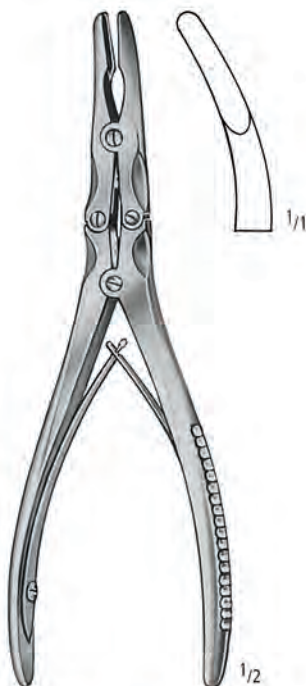
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinces-gouges
Pinze-sgorbie



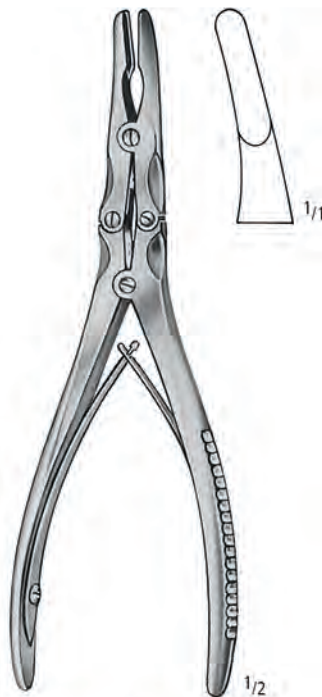
MARQUARDT
KA 821/20
20,0 cm/8"



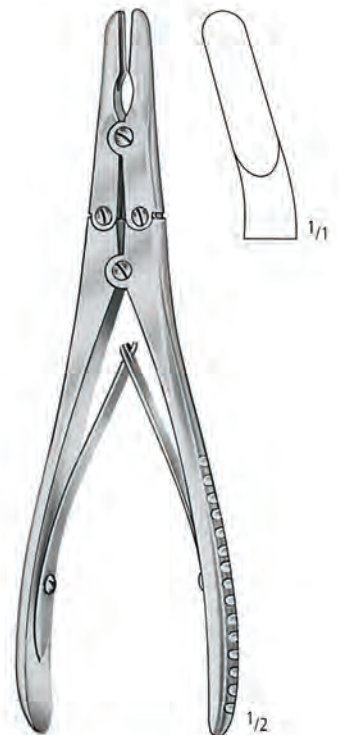
MAYFIELD
KA 823/17
17,0 cm/6³/₄"



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

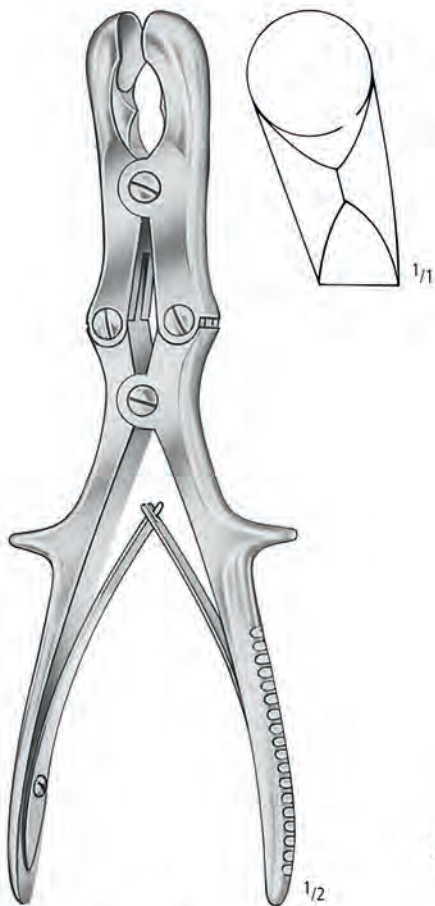


ZAUFAL-JANSEN
KA 835/18
18,0 cm/7"

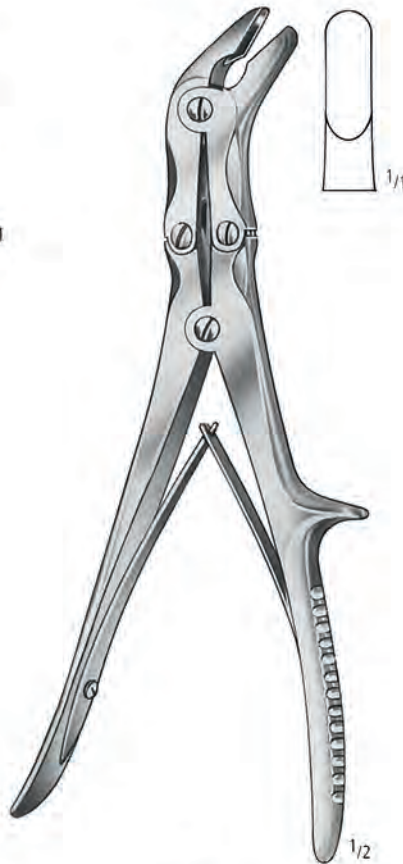


RUSKIN
KA 836/18
18,0 cm/7"

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



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



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

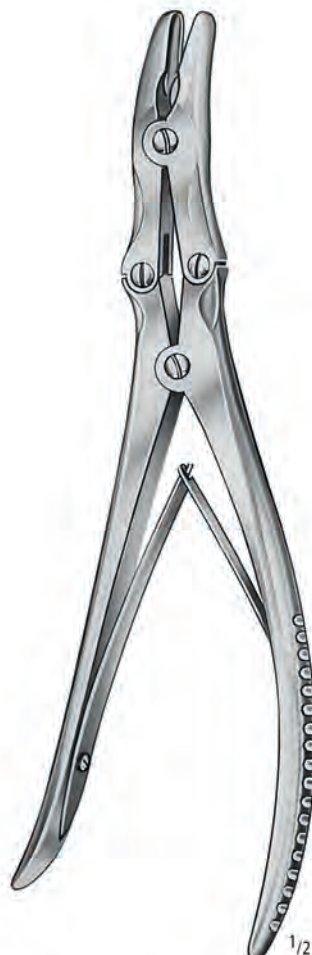


STILLE-RUSKIN
KA 841/23
23,0 cm/9"

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



ROETTGEN-RUSKIN
KA 845/24
24,0 cm/9 1/2"



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



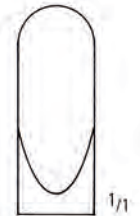
KA 848/01
8 mm



KA 848/02
4 mm



STILLE-LUER
22,0 cm/8 3/4"



KA 852/22



KA 853/22

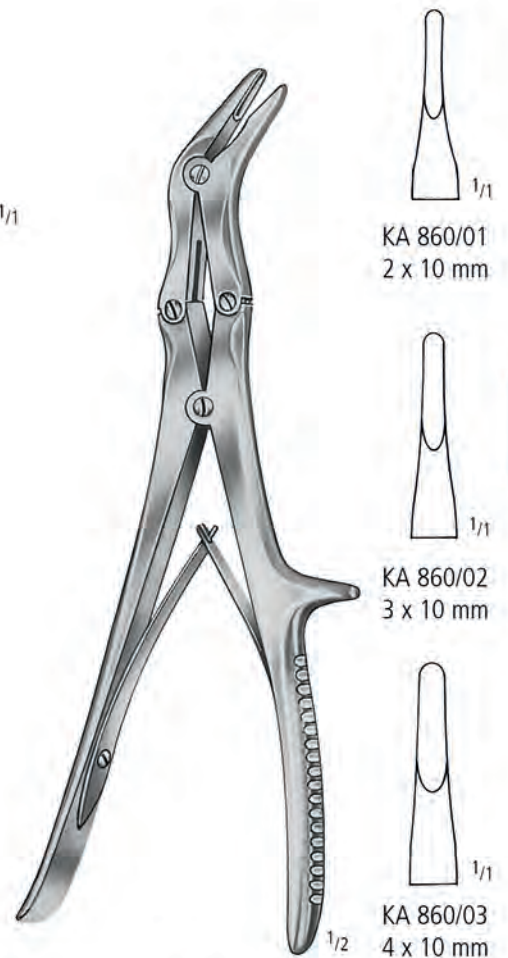
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pincers-gouges
Pinze-sgorbie



SAUERBRUCH
30,0 cm/12"



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



ECHLIN
23,0 cm/9"

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



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



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



KA 863/03
3 mm



KA 863/04
4 mm



KA 863/05
5 mm



KA 863/13
3 mm

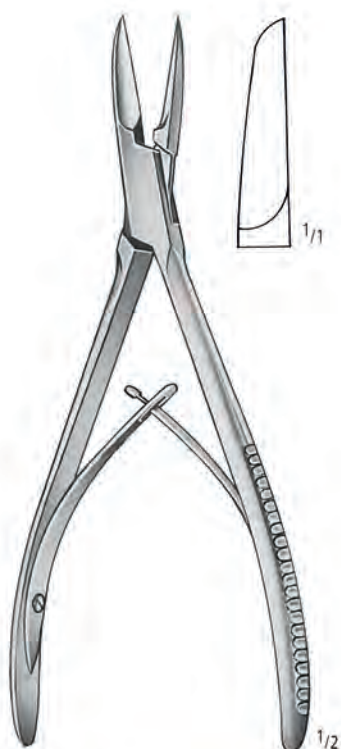


KA 863/14
4 mm

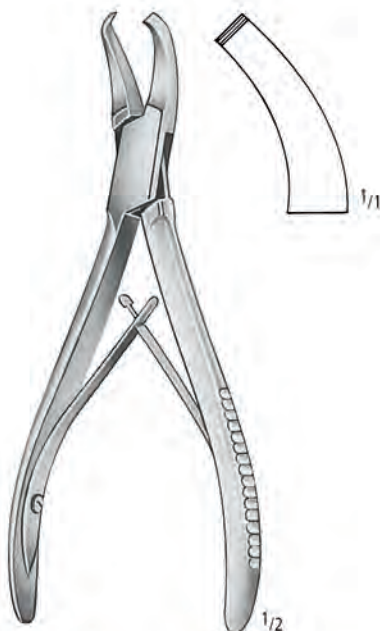


KA 863/15
5 mm

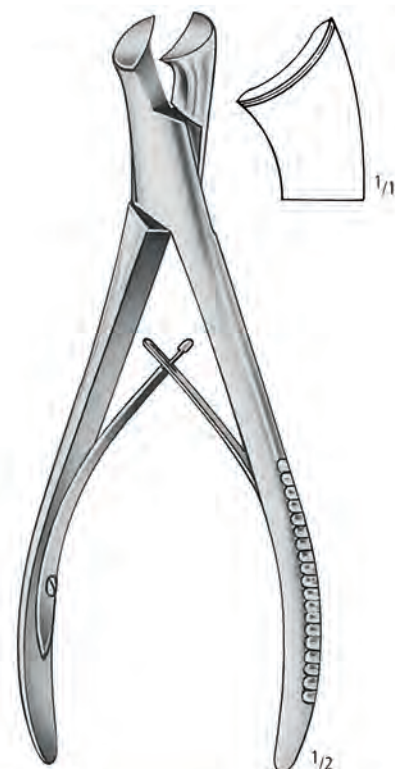
Knochensplitterzangen
Bone Cutting Forceps
Pinzas cortantes para huesos
Pinces coupantes à os
Cesoie per ossa



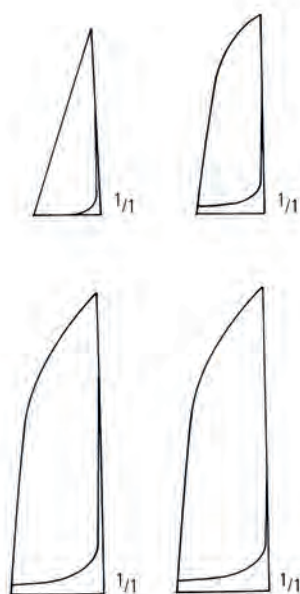
COTTLE KAZANJIAN
KA 870/19
19,0 cm/7 1/2"



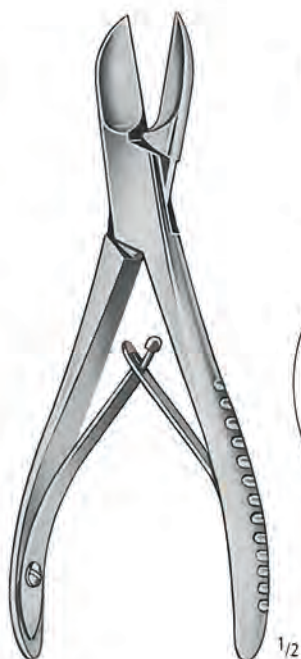
CLEVELAND-GARDNER
KA 872/16
18,0 cm/6 1/4"



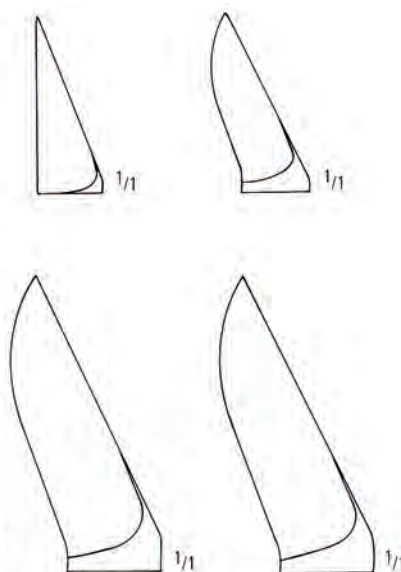
MARKWALDER
KA 874/20
20,0 cm/8"



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



LISTON
14,0 cm/5 1/2"
17,0 cm/6 3/4"
19,0 cm/7 1/2"
22,0 cm/8 3/4"

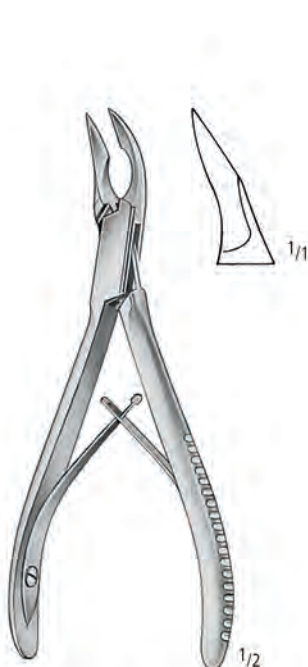


KA 881/14
KA 881/17
KA 881/19
KA 881/22

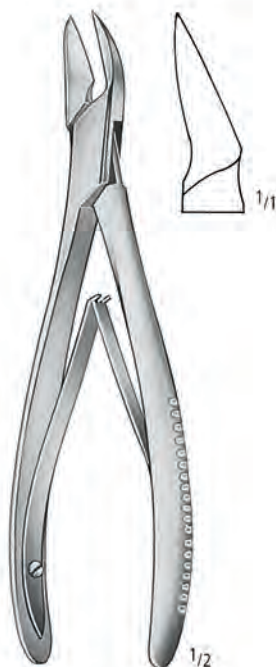


LITTAUER-LISTON
KA 882/15
15,0 cm/6"

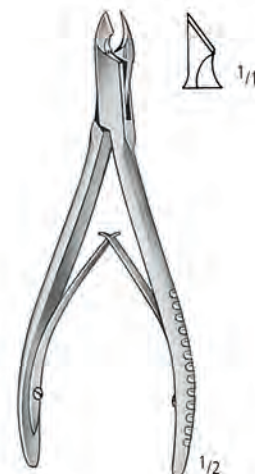
Knochensplitterzangen
Bone Cutting Forceps
Pinzas cortantes para huesos
Pinces coupantes à os
Cesoie per ossa



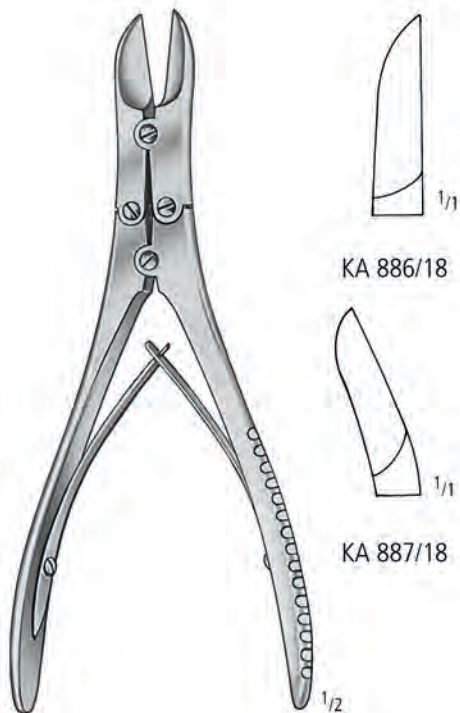
CLEVELAND
KA 884/15
15,0 cm/6"



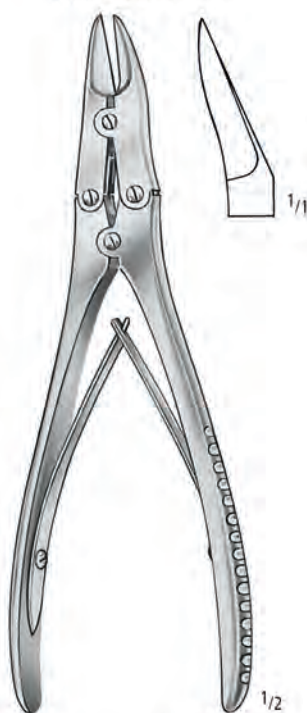
CLEVELAND
KA 884/17
17,0 cm/6³/₄"



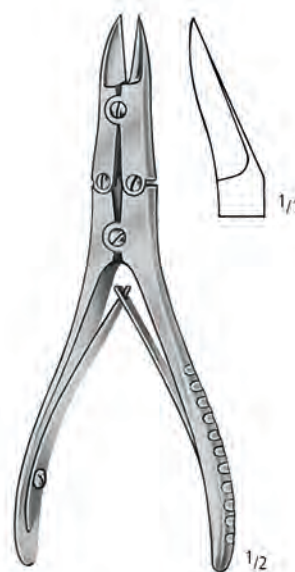
KA 885/12
12,0 cm/4³/₄"



RUSKIN-LISTON
18,5 cm/7¹/₄"

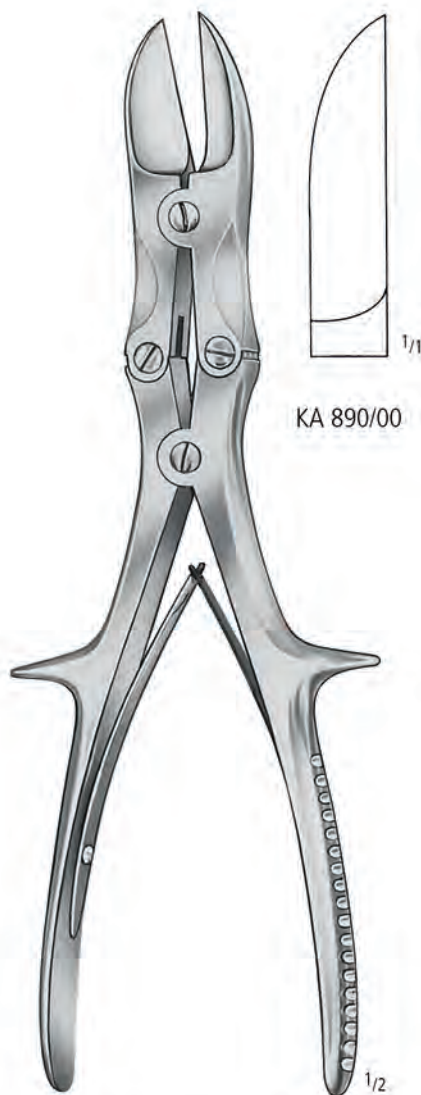


MC INDIE
KA 888/17
17,5 cm/7"



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

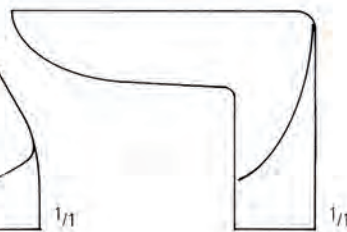
Knochensplitterzangen
Bone Cutting Forceps
Pinzas cortantes para huesos
Pinces coupantes à os
Cesoie per ossa



KA 890/00



KA 890/30



KA 890/90



LISTON-KEY (TUDOR-EDWARDS)

KA 892/27
27,0 cm/10 1/2"

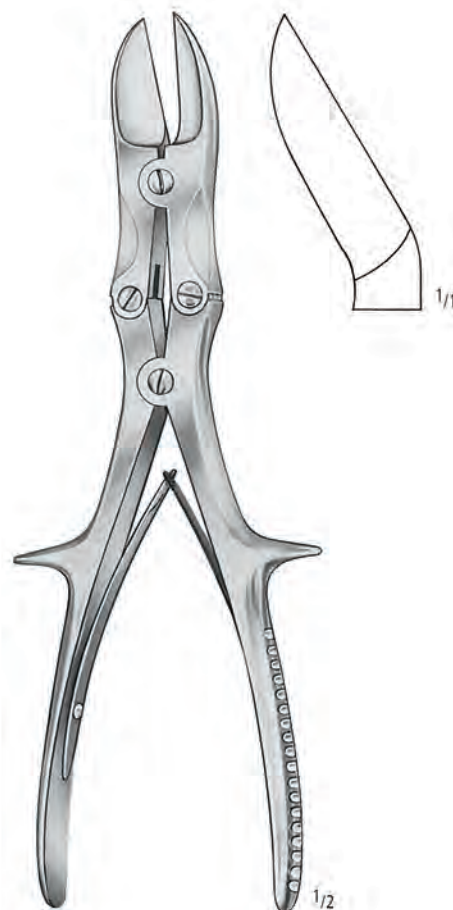
STILLE-LISTON

27,0 cm/10 1/2"

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



SEMB
KA 893/24
24,0 cm/9 1/2"



LISTON
KA 894/23
23,5 cm/9 1/4"

HERZ/THORAX
CARDIOVASCULAR
CARDIOVASCULAR
CARDIOVASCULAIRE
CARDIOVASCOLARE

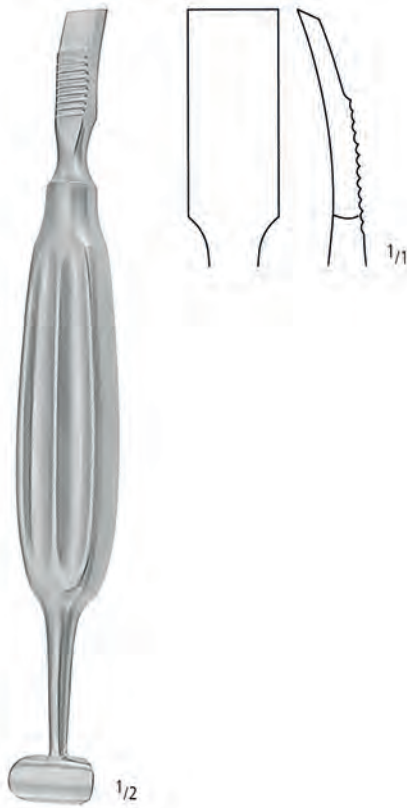
KK

nopa[®] instruments

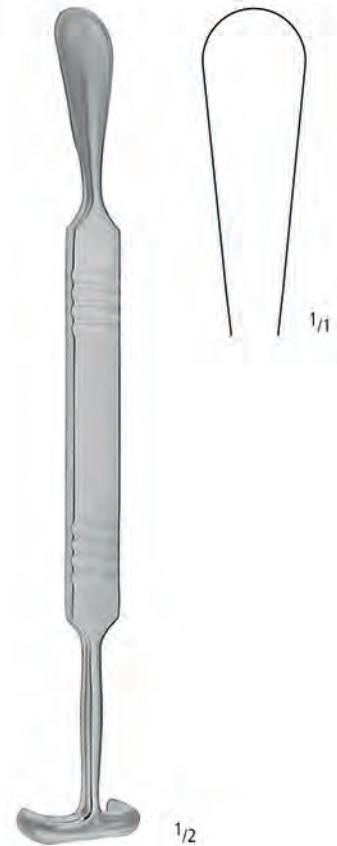
Rippen-Instrumente	Seite	235-238
Rib Instruments	Page	235-238
Instrumentos costales	Página	235-238
Instruments des côtes	Page	235-238
Strumenti per costali	Pagina	235-238
Rippensperrer	Seite	239-250
Rib Spreaders	Page	239-250
Separadores costales	Página	239-250
Ecarteurs des côtes	Page	239-250
Divaricatori costali	Pagina	239-250
Clips, Bulldogklemmen	Seite	257-263
Clips, Bulldog Clamps	Page	257-263
Clips, Clamps Bulldog	Página	257-263
Clips, Clamps Bulldog	Page	257-263
Clips, Pinze Bulldog	Pagina	257-263
Atrauma-Klemmen	Seite	260-296
Atrauma Forceps	Page	260-296
Pinzas Atrauma	Página	260-296
Pinces atraumatiques	Page	260-296
Pinze Atrauma	Pagina	260-296



Rippen-Raspatorien
Costal periosteotomes
Periostótomos para costillas
Rugines raspatoires
Periostotomi costali



ALEXANDER
KK 001/20
20,0 cm/8"



MATSON
KK 002/22
22,0 cm/8³/₄"



DOYEN
KK 004/01
17,0 cm/6³/₄"

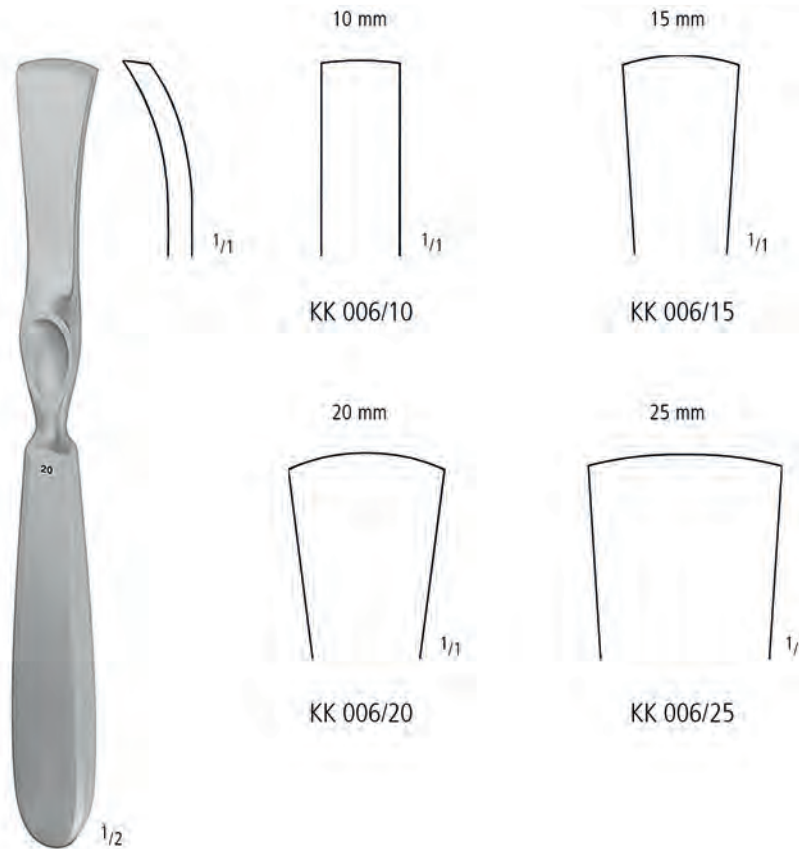
DOYEN
KK 004/02
17,0 cm/6³/₄"



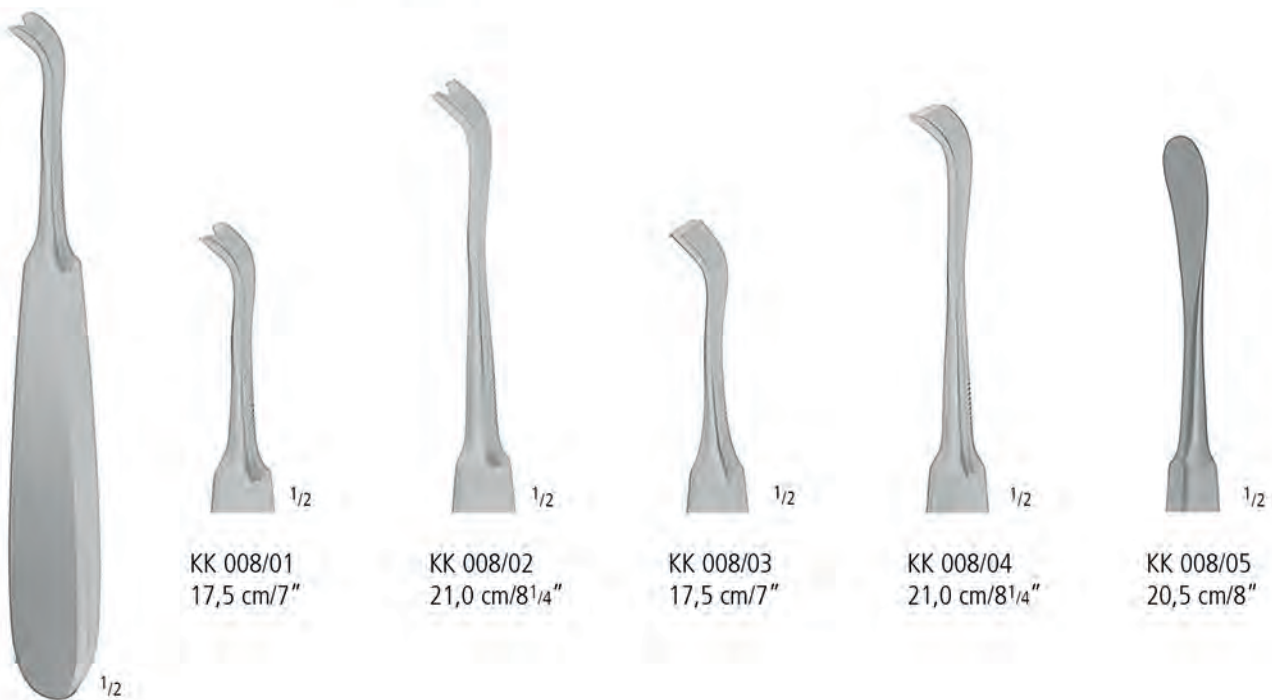
DOYEN
KK 004/03
18,0 cm/7"

DOYEN
KK 004/04
18,0 cm/7"

Rippen-Raspatorien
Costal periosteotomes
Periostótomos para costillas
Rugines raspatoires
Periostotomi costali



LAMBOTTE
21,0 cm/8 1/4"



SEMB

Knochen- und Rippenscheren
Bone and Rib Shears
Cizallas para huesos, Costotomos
Cisailles pour os, Costotomes
Pinze per ossa e costole, Costotomi



KK 010/23
23,0 cm/9"



KK 011/22
22,0 cm/8³/₄"



GLUCK
KK 013/22
22,0 cm/8³/₄"



BETHUNE
KK 018/34
34,0 cm/13¹/₂"



SAUERBRUCH
KK 019/26
26,0 cm/10¹/₄"



CORYLLOS
KK 021/35
35,0 cm/13³/₄"



KK 023/35
35,0 cm/13³/₄"

Knochen- und Rippenscheren
Bone and Rib Shears
Cizallas para huesos, Costotomos
Cisailles pour os, Costotomes
Pinze per ossa e costole, Costotomi



GIERTZ-STILLE

KK 024/27
27,0 cm/10¹/₂"



BRUNNER



KK 027/32
32,0 cm/12¹/₂"



KK 029/32
32,0 cm/12¹/₂"



LEBSCHKE

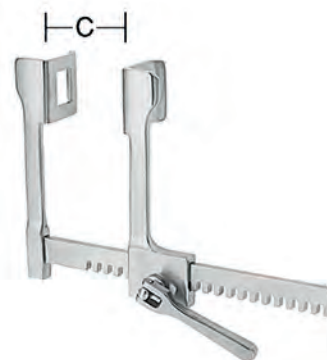
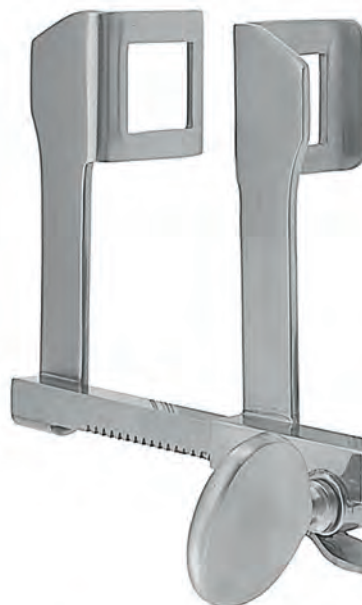
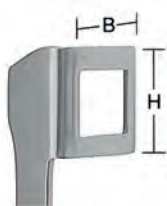
KK 040/25
25,0 cm/10"

Rippensperrer
Rib Spreaders
Separadores costales
Ecarteurs des côtes
Divaricatori costali



B 40 mm H 150 mm C 110 mm

I.M.A. MAMMARIA RETRACTOR
KK 056/00



B 30 mm H 30 mm C 90 mm

HAIGHT
KK 080/00

AA

AB

AC

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KA

KK

X

Rippensperrer
Rib Spreaders
Separadores costales
Ecarteurs des côtes
Divaricatori costali

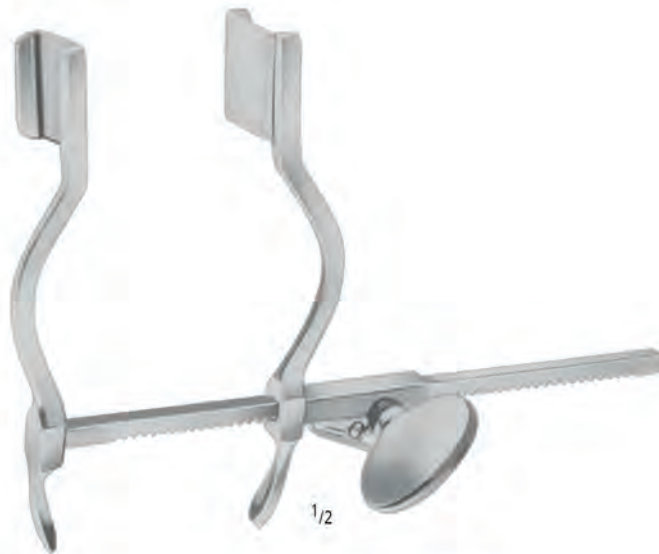


B 45 mm
H 45 mm
C 160 mm

TUFFIER
KK 084/16

B 44 mm
H 48 mm
C 178 mm

BADGLEY
KK 086/18



B 20 mm
H 25 mm
C 105 mm

HERTZLER
KK 088/10

Rippensperrer
Rib Spreaders
Separadores costales
Ecarteurs des côtes
Divaricatori costali



B	H	C	FINOCCHIETTO-BABY
18 mm	20 mm	75 mm	KK 090/07



B	H	C	FINOCCHIETTO
30 mm	45 mm	150 mm	KK 092/01
46 mm	62 mm	190 mm	KK 092/02
80 mm	65 mm	190 mm	KK 092/03

AA

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Rippensperrer
Rib Spreaders
Separadores costales
Ecarteurs des côtes
Divaricatori costali

ALUMINIUM



B	H	C	ANKENEY
19 mm	25 mm	127 mm	KK 093/04

Rippensperrer
Rib Spreaders
Separadores costales
Ecarteurs des côtes
Divaricatori costali



B 35 mm H 32 mm C 178 mm **ANKENY**
KK 093/06

AA

AB

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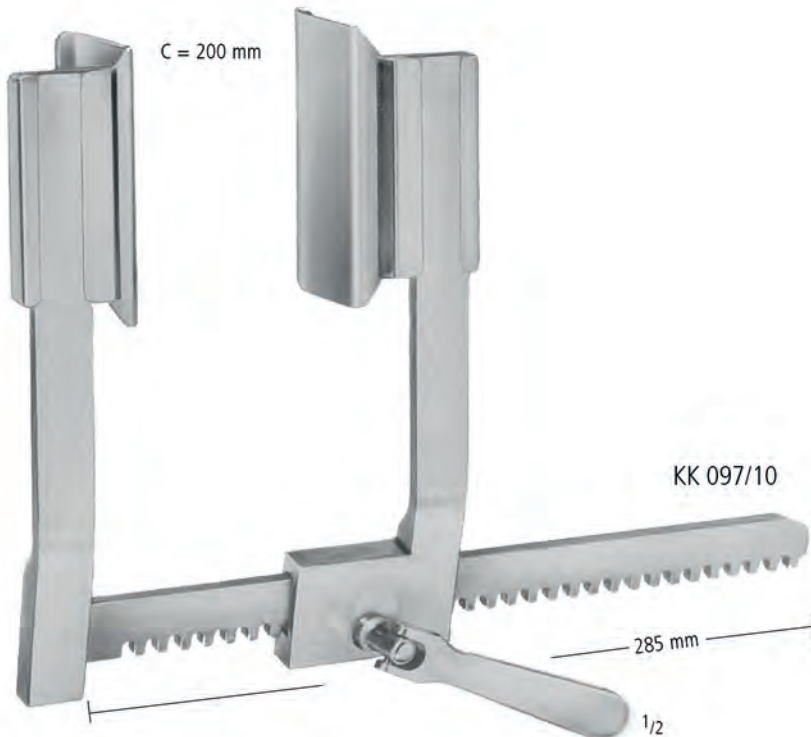
AQ

AR

AS



Rippensperrer
Rib Spreaders
Separadores costales
Ecarteurs des côtes
Divaricatori costali



DE BAKEY

KK 097/00 = 1 x KK 097/10
+ 2 x KK 097/01
+ 2 x KK 097/02
+ 2 x KK 097/03

Sternotomy



KK 097/05
50 x 66 mm



KK 097/01
60 x 60 mm



KK 097/02
50 x 80 mm

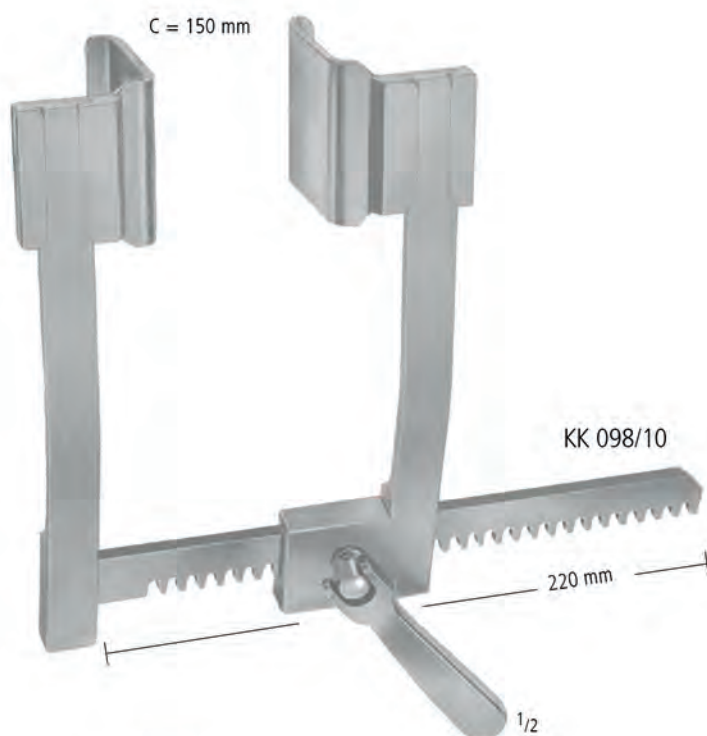


KK 097/03
40 x 100 mm



KK 097/04
80 x 60 mm

Rippensperrer
Rib Spreaders
Separadores costales
Ecarteurs des côtes
Divaricatori costali



DE BAKEY

KK 098/00 = 1 x KK 098/10
+ 2 x KK 098/01
+ 2 x KK 098/02
+ 2 x KK 098/03



KK 098/01
30 x 30 mm



KK 098/02
40 x 40 mm



KK 098/03
50 x 50 mm

Rippensperrer
Rib Spreaders
Separadores costales
Ecarteurs des côtes
Divaricatori costali



MORSE FAVALORO

B	H	C	
19 mm	29 mm	200 mm	KK 099/01
12 mm	20 mm	200 mm	KK 099/02

AA

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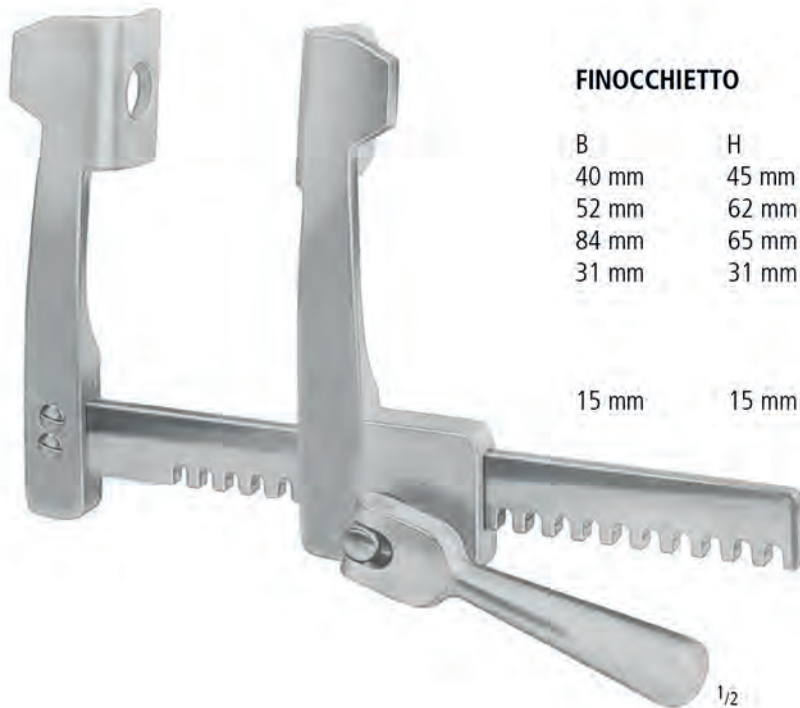
AQ

AR

AS

Rippensperrer
Rib Spreaders
Separadores costales
Ecarteurs des côtes
Divaricatori costali

ALUMINIUM



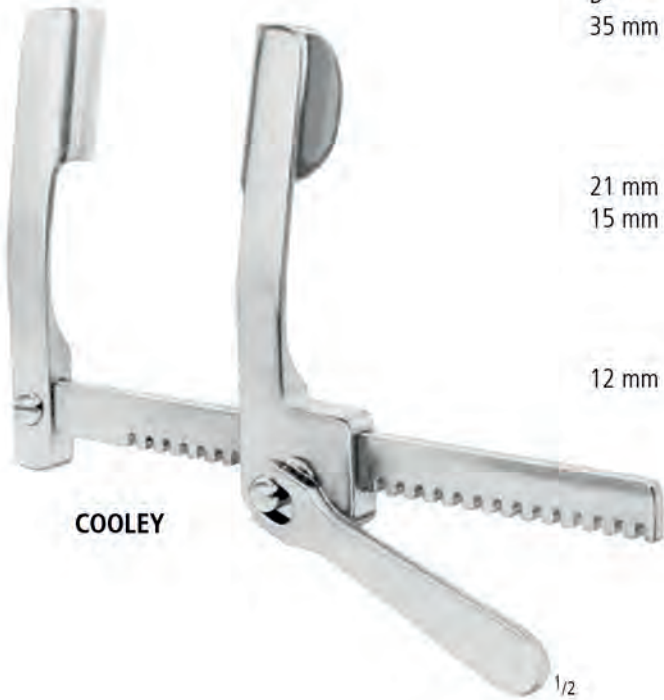
FINOCCHIETTO

B	H	C	
40 mm	45 mm	135 mm	KK 100/01
52 mm	62 mm	175 mm	KK 100/02
84 mm	65 mm	175 mm	KK 100/03
31 mm	31 mm	100 mm	KK 102/30
15 mm	15 mm	75 mm	KK 104/00



Rippensperrer
Rib Spreaders
Separadores costales
Ecarteurs des côtes
Divaricatori costali

ALUMINIUM



COOLEY

B	H	C	
35 mm	50 mm	200 mm	KK 106/01

21 mm	44 mm	150 mm	KK 106/02
15 mm	30 mm	140 mm	KK 106/03

12 mm	16 mm	95 mm	KK 106/04
-------	-------	-------	-----------



CASTANEDA

B	H	C	
15 mm	60 mm	120 mm	KK 110/01

12 mm	45 mm	70 mm	KK 110/02
-------	-------	-------	-----------

10,5 mm	32 mm	65 mm	KK 110/03
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Rippensperrer
Rib Spreaders
Separadores costales
Ecarteurs des côtes
Divaricatori costali

ALUMINIUM



mit 2 Paar Valven
with 2 pairs of blades
con 2 pares de valvas
avec 2 paires des valves
con 2 paia di valve

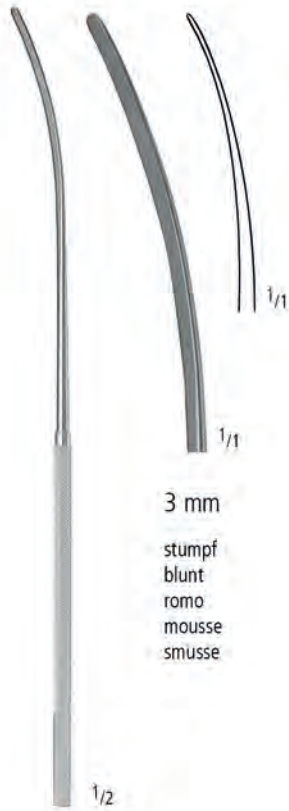
BURFORD

B	H	C	
65 mm	62 mm		
47 mm	62 mm	200 mm	KK 120/01
65 mm	62 mm		
47 mm	62 mm	250 mm	KK 120/02
65 mm	62 mm		
47 mm	62 mm	300 mm	KK 120/03

48 mm	42 mm		
34 mm	42 mm	135 mm	KK 120/04



Spatel
Spatulas
Espátulas
Spatules
Spatole



KK 150/18
18,5 cm/7¹/₄"

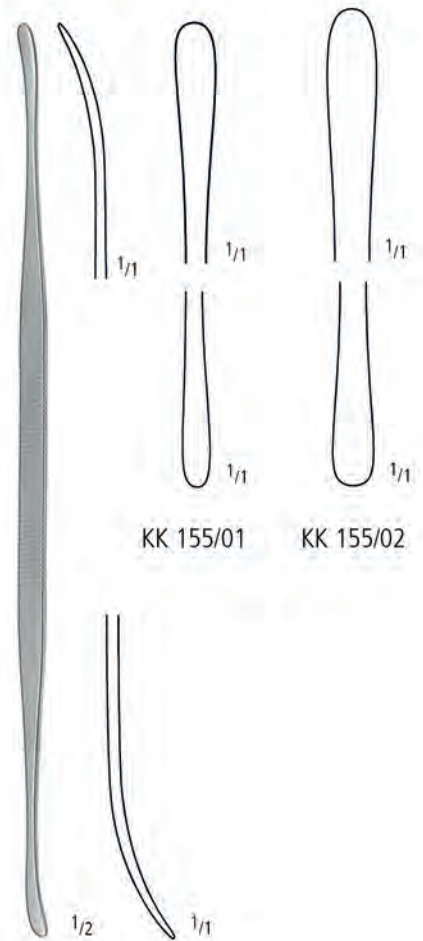
KK 150/21
21,5 cm/8¹/₂"

KK 152/23
23,0 cm/9"

DAVIS
KK 153/24
24,5 cm/9³/₄"



TÖNNIS
24,0 cm/9¹/₂"



KK 155/01

KK 155/02



SCHMID



KK 156/01
14,0 cm/5¹/₂"



KK 156/02
23,5 cm/9¹/₄"



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

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



BROM
KK 160/17
17,0 cm/6³/₄"



CRILE
KK 162/20
20,0 cm/8"



CUSHING
19,0 cm/7¹/₂"



AK 036/01



AK 036/02



KRAYENBÜHL
18,5 cm/7¹/₄"



KK 164/01



KK 164/02



KK 164/03



KK 164/04

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



BIEMER
KK 165/16
16,0 cm/6 1/4"



FISCH
18,5 cm/7 1/4"



KK 166/01



KK 166/02



GILLIES
18,0 cm/7"



AK 020/01



AK 020/02



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

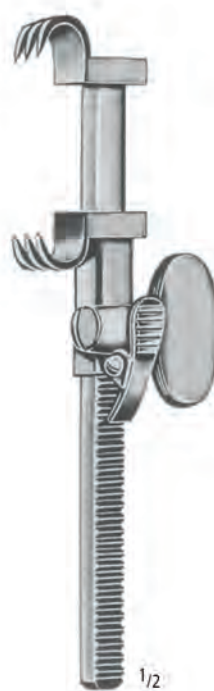
Rippenkonraktoren
Rib contractors
Aproximadores para costillas
Rapprocheurs des côtes
Approssimatori costali



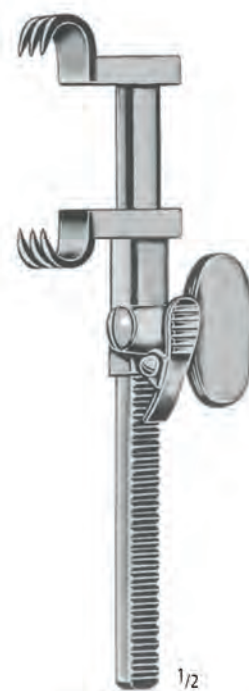
SELLORS
KK 170/19
19,0 cm/7 1/2"



BAILEY-BABY
KK 172/14
14,0 cm/5 1/2"



BAILEY
KK 174/16
16,0 cm/6 1/4"



BAILEY-GIBBON
KK 176/16
16,0 cm/6 1/4"

Lungenspatel
Lung Spatulas
Espátulas pulmonares
Spatules pulmonaires
Spatole per polmone



ALLISON

KK 180/26	KK 180/32
26,0 cm/10 ¹ / ₄ "	32,0 cm/12 ¹ / ₂ "

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KK

X

Atriumhaken
Atrium retractor
Separadores auriculares
Ecarteurs à atrium
Divaricatori atriali

leicht gezahnt
slightly serrated
45 x 30 mm

leicht gezahnt
slightly serrated
45 x 35 mm

leicht gezahnt
slightly serrated

leicht gezahnt
slightly serrated

45 x 48 mm

45 x 48 mm

25 x 46 mm

1/2

1/2

COOLEY-STRUCK
KK 188/01
24,0 cm/9 1/2"

COOLEY-STRUCK
KK 188/02
24,0 cm/9 1/2"

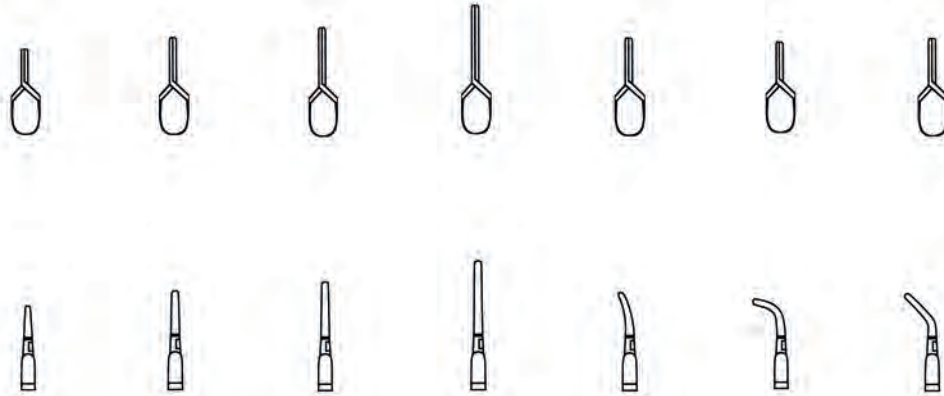
COOLEY
KK 190/01
24,5 cm/9 3/4"

COOLEY
KK 190/02
24,5 cm/9 3/4"

COOLEY
KK 190/03
25,5 cm/10"

HERZ/THORAX CARDIOVASCULAR CARDIOVASCULAR CARDIOVASCULAIRE CARDIOVASCOLARE

Clips
Clips
Clips
Clips
Clips



L	KK 300/01	KK 300/02	KK 300/03	KK 300/04	KK 300/05	KK 300/06	KK 300/07	F
	4 mm	6 mm	8 mm	10 mm	6 mm	6 mm	6 mm	Schließkraft
W	0,75 mm	1 mm	2 mm	2 mm	1 mm	1 mm	1 mm	Closing force
F	125 gr	100 gr	85 gr	60 gr	85 gr	85 gr	85 gr	Presión
								Pression
								Pressione



KK 302/14
14,0 cm/5 1/2"



KK 303/18
18,0 cm/7"

KK

Clips
Clips
Clips
Clips
Clips



BIEMER

	KK 306/01	KK 306/02	KK 306/03
L	6 mm	9 mm	9 mm
W	4 mm	5 mm	5 mm
F	30-40 gr	30-40 gr	20-25 gr



KK 308/01
14,5 cm/5³/₄"



KK 308/02
14,5 cm/5³/₄"



F
Schließkraft
Closing force
Presión
Pression
Pressione

W
Maulöffnung
Opening
Abertura
Overture
Apertura

MEHDORN



	KK 310/01	KK 310/02	KK 310/03	KK 310/04
L	4 mm	4 mm	6 mm	6 mm
W	1,0 mm	1,4 mm	1,0 mm	1,4 mm
F	10-15 gr	15-20 gr	10-15 gr	15-20 gr



KK 312/15
15,0 cm/6"

Clips
Clips
Clips
Clips
Clips



1/1

MÜLLER

F = 50gr
F = 80gr

F
Schließkraft
Closing force
Presión
Pression
Pressione



1/1

KK 314/50
KK 314/80



1/1

KK 315/50
KK 315/80



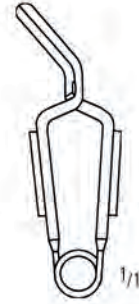
1/1

KK 316/50
KK 316/80



1/1

KK 317/50
KK 317/80



1/1

KK 318/50
KK 318/80



1/1

DE BAKEY-HESS
KK 320/01



1/1

DE BAKEY-HESS
KK 320/02

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AZ

KK

Atrauma Bulldogklemmen
Atrauma Bulldog Clamps
Atrauma Clamps Bulldog
Clamps Atrauma Bulldog
Pinze Atrauma Bulldog



DE BAKEY

ATRAU
nopa®



DE BAKEY



1/1

KK 350/07
7,5 cm/3"



1/1

KK 350/08
8,5 cm/3 1/2"



1/1

KK 350/10
10,5 cm/4 1/4"



1/1

KK 350/12
12,0 cm/4 3/4"



1/1

DE BAKEY



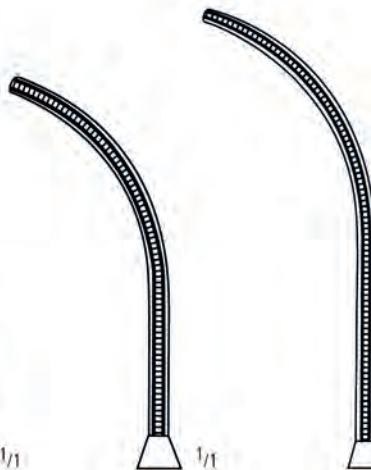
1/1

KK 351/07
7,0 cm/2 3/4"



1/1

KK 351/08
8,0 cm/3 1/4"



1/1

KK 351/10
10,0 cm/4"



1/1

KK 351/12
11,5 cm/4 1/2"



1/2

SANTULLI
KK 357/07
7,0 cm/2 3/4"



1/1

Atrauma Bulldogklemmen
Atrauma Bulldog Clamps
Atrauma Clamps Bulldog
Clamps Atrauma Bulldog
Pinze Atrauma Bulldog



DE BAKEY



GLOVER



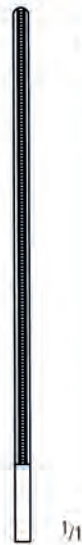
KK 370/06
6,0 cm/2¹/₂"



KK 370/07
7,5 cm/2³/₄"



KK 370/09
9,0 cm/3¹/₂"



KK 370/11
11,0 cm/4¹/₂"



GLOVER



KK 371/06
5,5 cm/2¹/₄"



KK 371/07
6,5 cm/2¹/₂"



KK 371/09
8,5 cm/3¹/₃"



KK 371/11
10,5 cm/4¹/₄"



GLOVER
KK 372/05
5,0 cm/2"

Atrauma Bulldogklemmen
Atrauma Bulldog Clamps
Atrauma Clamps Bulldog
Clamps Atrauma Bulldog
Pinze Atrauma Bulldog



DE BAKEY

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DE BAKEY-SATINSKY

KK 373/07
7,0 cm/2³/₄"



DE BAKEY-CAROTIS

KK 373/09
9,0 cm/3¹/₂"



DE BAKEY-SATINSKY

KK 373/10
10,0 cm/4"

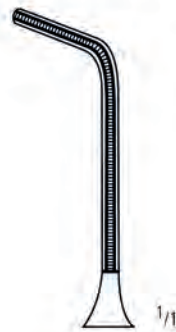
Atrauma Bulldogklemmen
Atrauma Bulldog Clamps
Atrauma Clamps Bulldog
Clamps Atrauma Bulldog
Pinze Atrauma Bulldog



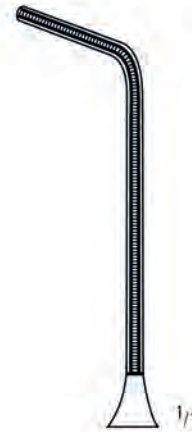
DE BAKEY



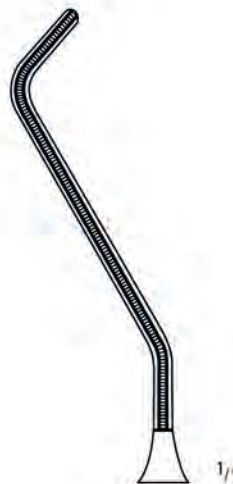
GREGORY-SOFT



KK 375/01
9,0 cm/3 1/2"



KK 375/02
11,0 cm/4 1/2"



KK 375/03
11,0 cm/4 1/2"



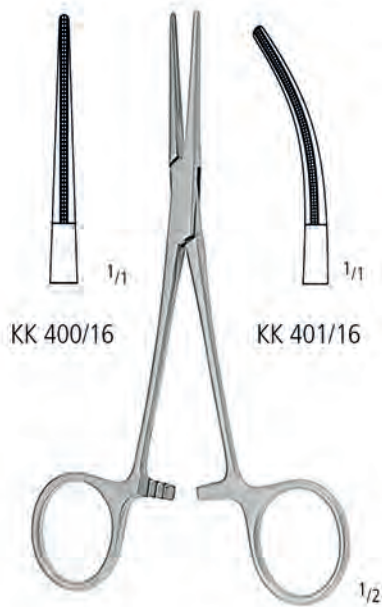
KK 375/04
11,0 cm/4 1/2"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pinces atraumatiques
Pinze Atrauma

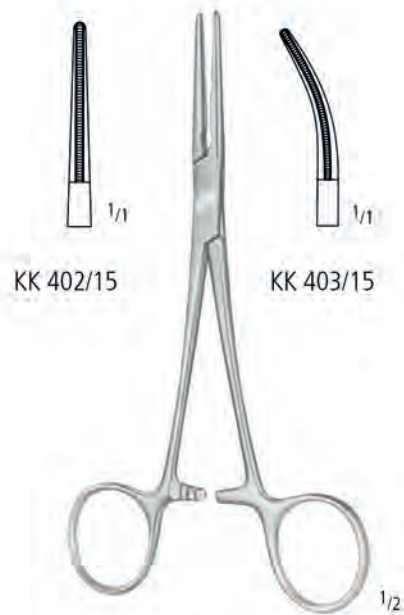


DE BAKEY

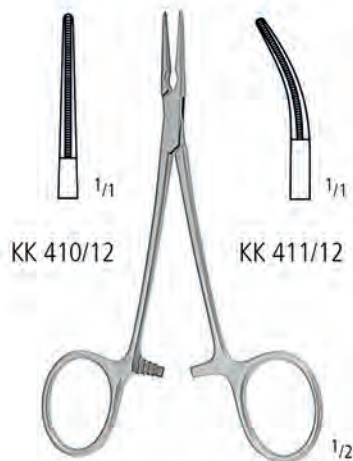
ATRAU
nopa®



DE BAKEY-RANKIN
16,0 cm/6¹/₄"



DE BAKEY-MOSQUITO
15,0 cm/6"



DE BAKEY-MOSQUITO
12,0 cm/4³/₄"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincas atraumatiques
Pinze Atrauma



DE BAKEY



KK 414/14
14,0 cm/5½"



KK 414/16
16,0 cm/6¼"



KK 414/18
18,0 cm/7"



KK 414/20
20,0 cm/8"



DE BAKEY-PEAN



KK 415/14
14,0 cm/5½"



KK 415/16
16,0 cm/6¼"



KK 415/18
18,0 cm/7"



KK 415/20
20,0 cm/8"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pinces atraumatiques
Pinze Atrauma

ATRAU
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DE BAKEY



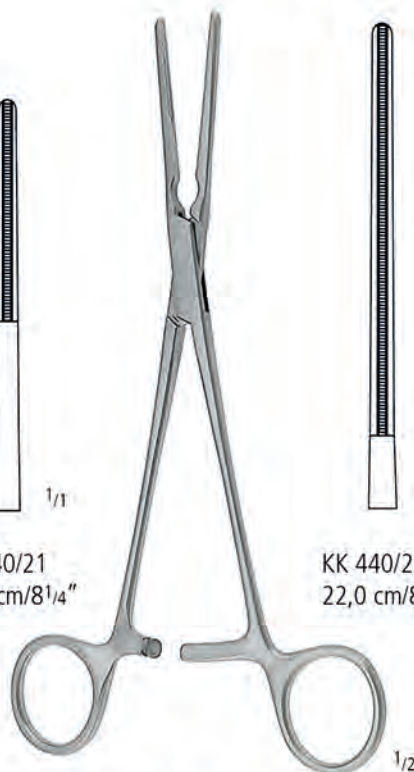
1/1

KK 440/21
21,0 cm/8¹/₄"



1/1

KK 440/22
22,0 cm/8³/₄"



1/2

POTTS



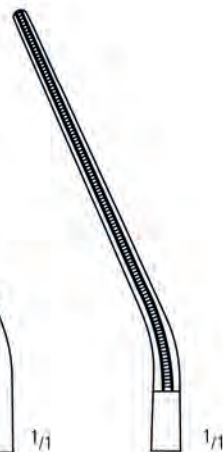
1/2

POTTS



1/1

KK 441/21
21,0 cm/8¹/₄"



1/1

KK 441/22
22,0 cm/8³/₄"



1/2

POTTS



1/1

KK 443/21
21,0 cm/8¹/₄"



1/1

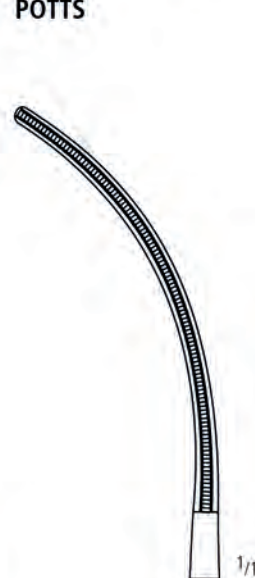
KK 443/22
22,0 cm/8³/₄"



1/2

POTTS

22,0 cm/8³/₄"



1/1

KK 445/22



1/1

KK 447/22

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincas atraumatiques
Pinze Atrauma

ATRAU
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DE BAKEY



DE BAKEY



KK 449/19
19,0 cm/7 1/2"



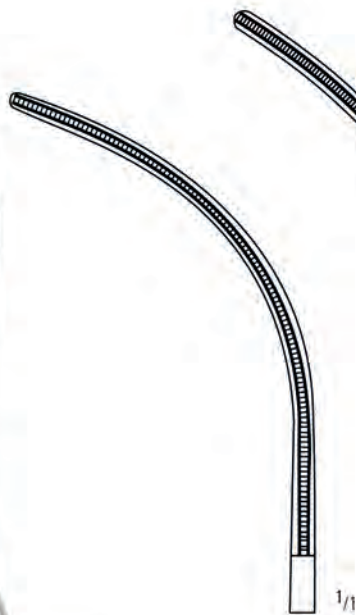
KK 449/23
23,0 cm/9"



DE BAKEY
KK 451/16
16,0 cm/6 1/4"



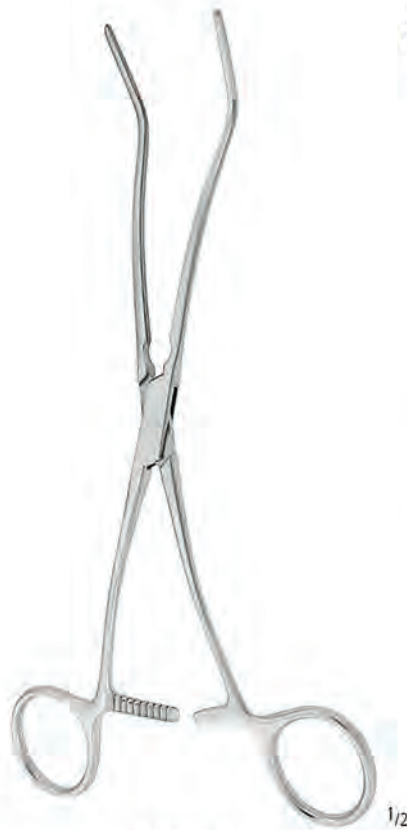
DE BAKEY



KK 453/19
19,0 cm/7 1/2"



KK 453/20
20,0 cm/8"



DE BAKEY
KK 455/20
20,0 cm/8"

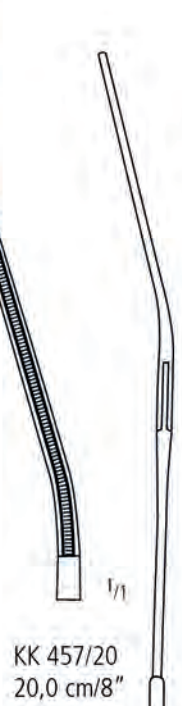


Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincès atraumatiques
Pinze Atrauma



DE BAKEY

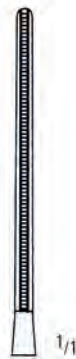
ATRAU
nopa®



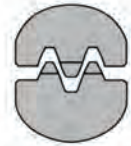
LELAND-JONES



BAINBRIDGE



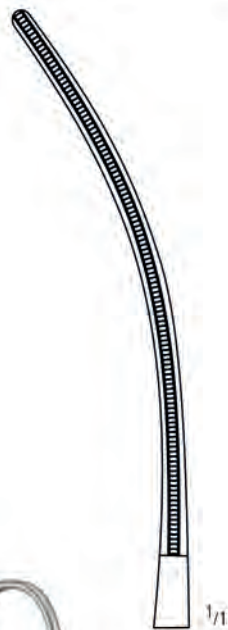
Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincès atraumatiques
Pinze Atrauma



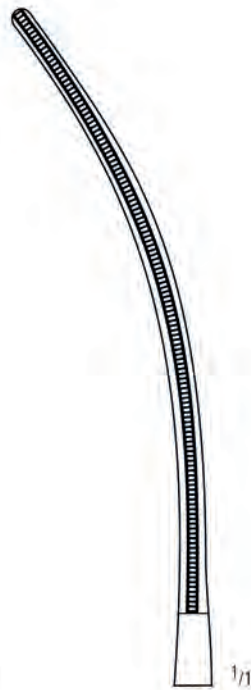
DE BAKEY



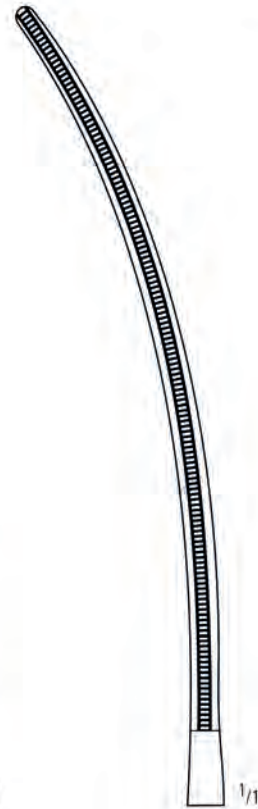
DE BAKEY



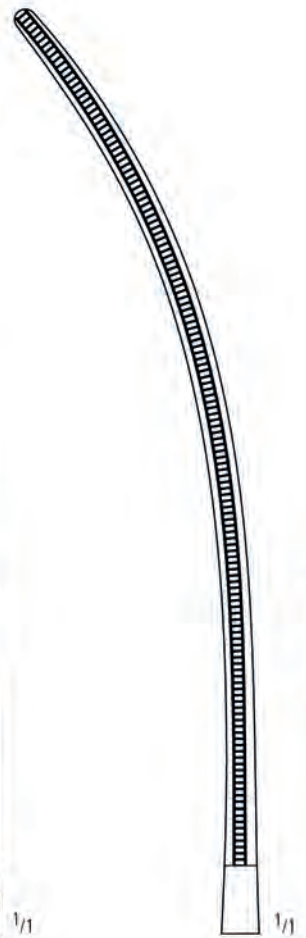
KK 469/26
26,0 cm/10¹/₄"



KK 469/27
27,0 cm/10¹/₂"



KK 469/31
31,0 cm/12¹/₄"



KK 469/33
33,0 cm/13"

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KK

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincers atraumatiques
Pinze Atrauma

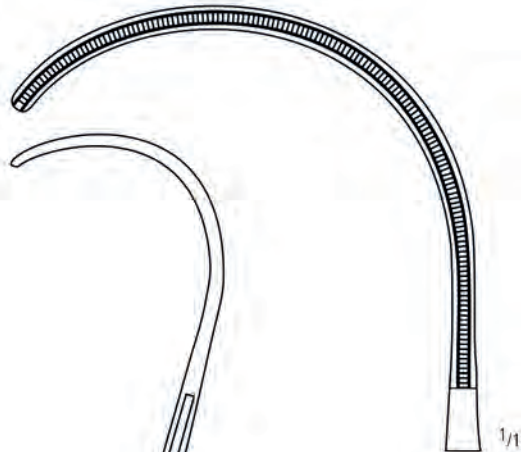
ATRAU
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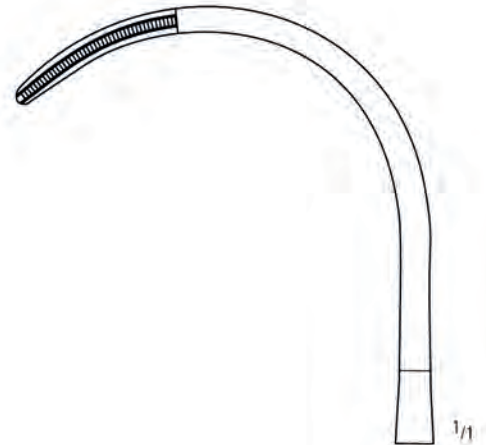
DE BAKEY



DE BAKEY



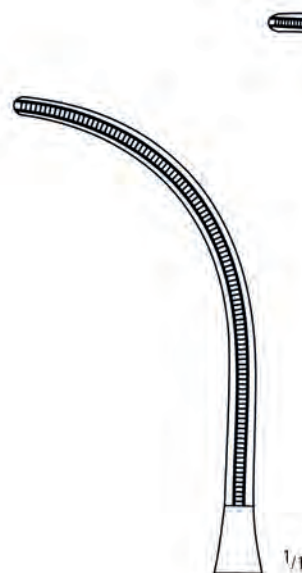
KK 473/25
25,0 cm/10"



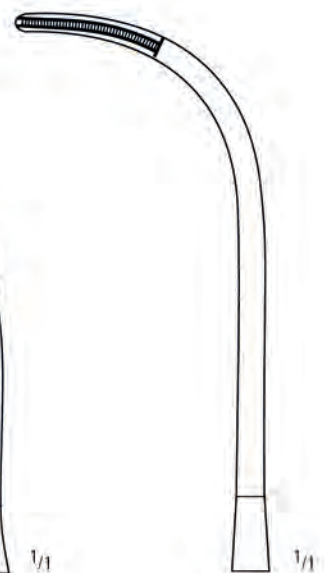
KK 475/26
26,0 cm/10 1/2"



DE BAKEY



KK 477/24
24,0 cm/9 1/2"



KK 479/24
24,0 cm/9 1/2"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincas atraumatiques
Pinze Atrauma



DE BAKEY



DE BAKEY
KK 481/30
30,0 cm/11³/₄"

DE BAKEY
KK 483/28
28,0 cm/11"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pinces atraumatiques
Pinze Atrauma



DE BAKEY



DE BAKEY

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KK 486/21
21,0 cm/8 1/2"



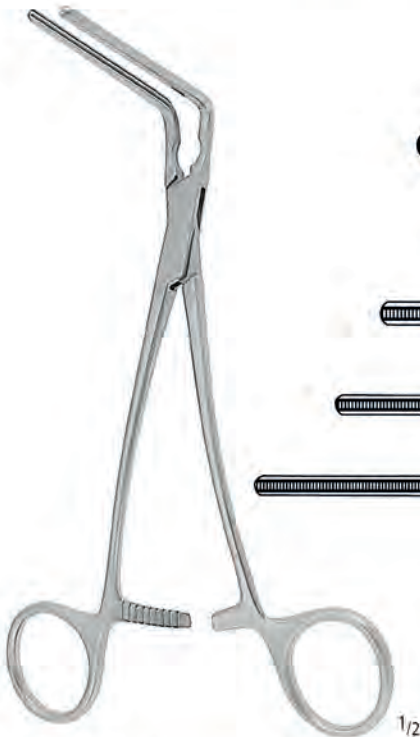
KK 486/23
23,0 cm/9"



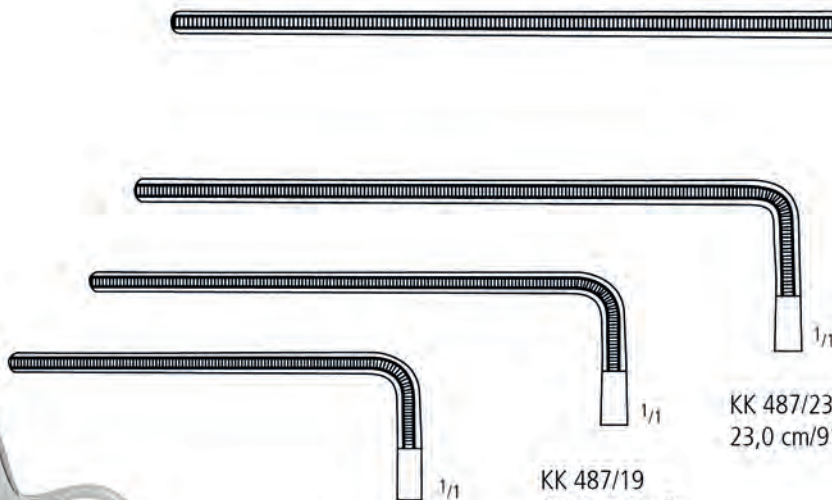
KK 486/27
27,0 cm/10 1/2"



KK 486/31
31,0 cm/12 1/2"



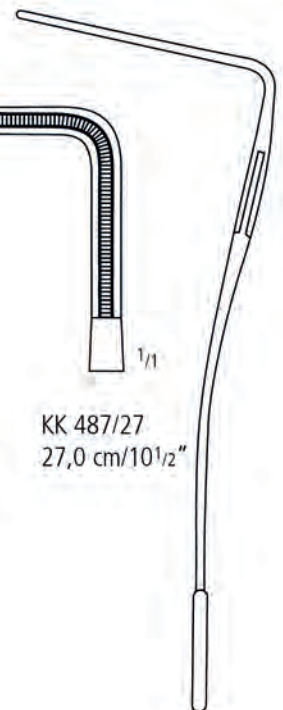
DE BAKEY



KK 487/18
18,0 cm/7"

KK 487/19
19,0 cm/7 1/2"

KK 487/23
23,0 cm/9"



KK 487/27
27,0 cm/10 1/2"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincès atraumatiques
Pinze Atrauma

ATRAU
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DE BAKAY



DE BAKAY



DE BAKAY

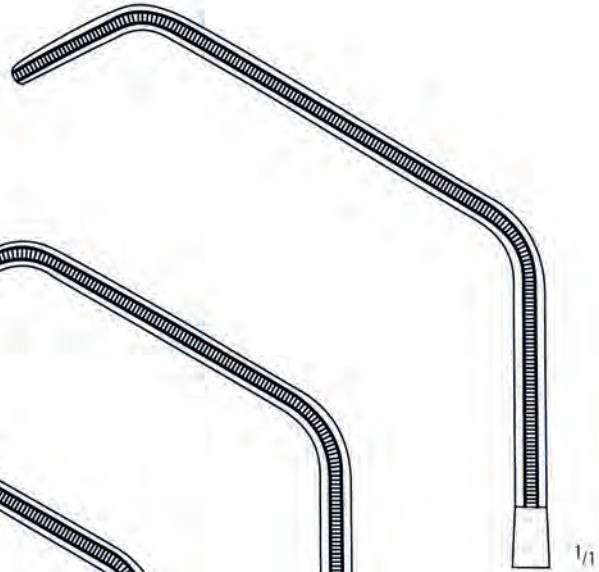


Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincas atraumatiques
Pinze Atrauma

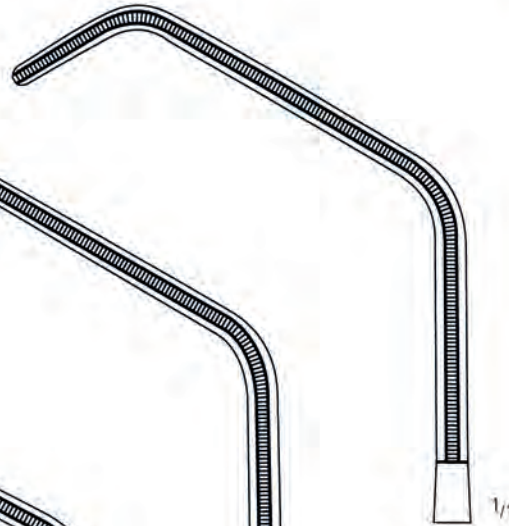


DE BAKEY

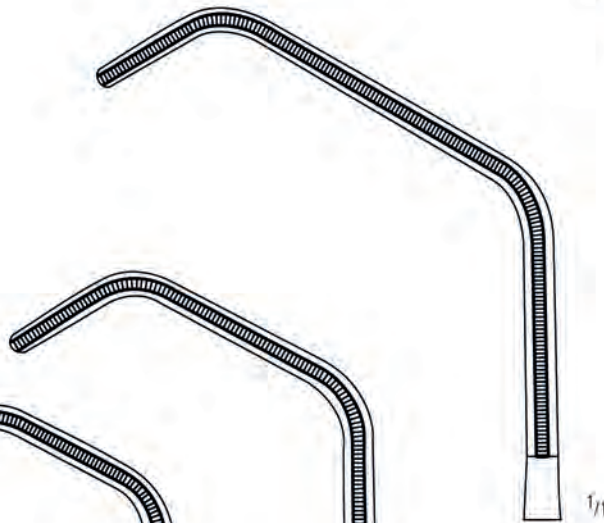
ATRAU
nopa®



KK 493/27
27,5 cm/10³/₄"



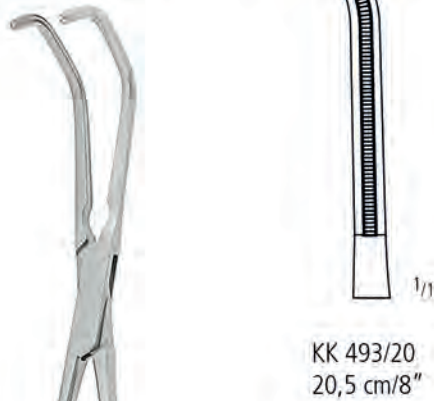
KK 493/26
26,5 cm/10¹/₂"



KK 493/25
25,0 cm/10"



KK 493/24
24,0 cm/9³/₄"



KK 493/20
20,5 cm/8"



SATINSKY



Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincès atraumatiques
Pinze Atrauma

ATRAU
nopa®



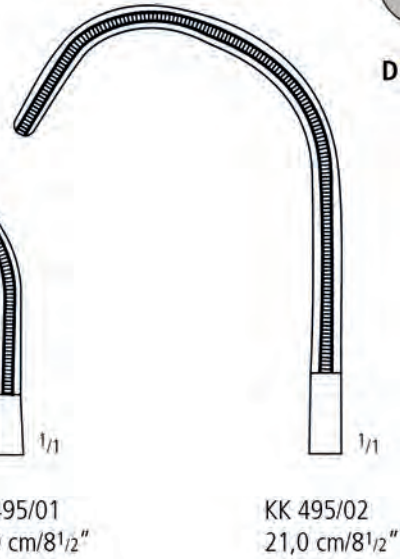
DE BAKEY



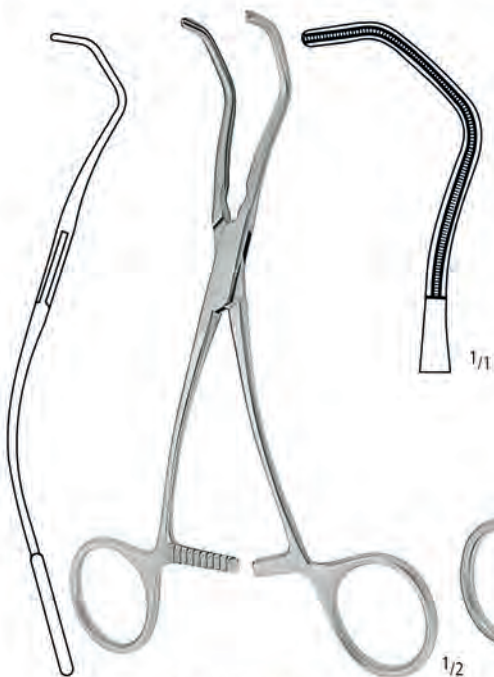
LAMBERT-KAY



KK 495/01
21,0 cm/8 1/2"



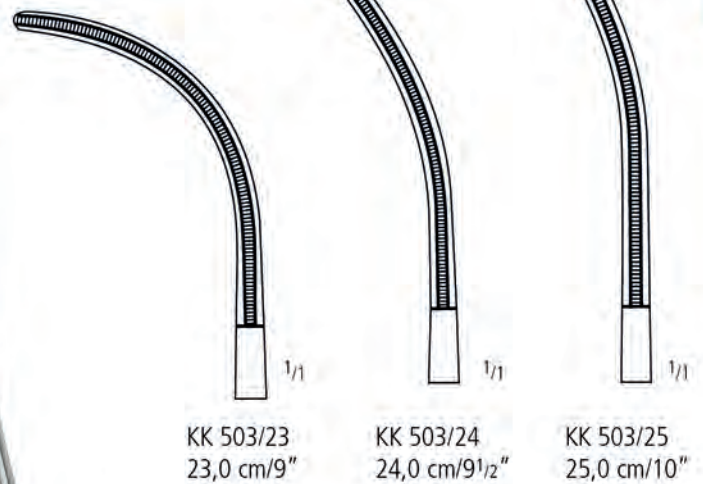
KK 495/02
21,0 cm/8 1/2"



DE BAKEY
KK 501/17
17,0 cm/6 3/4"



DE BAKEY-BAHNSON



KK 503/23
23,0 cm/9"

KK 503/24
24,0 cm/9 1/2"

KK 503/25
25,0 cm/10"

KK

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincas atraumatiques
Pinze Atrauma



DE BAKEY

ATRAU
nopa®



HARKEN

1/2



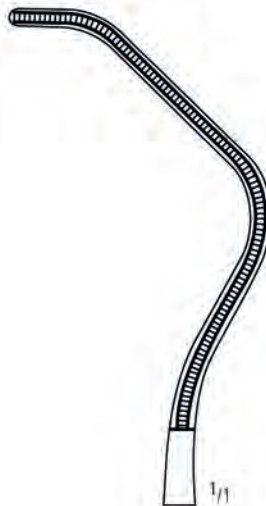
1/1

KK 505/01
24,0 cm/9 1/2"



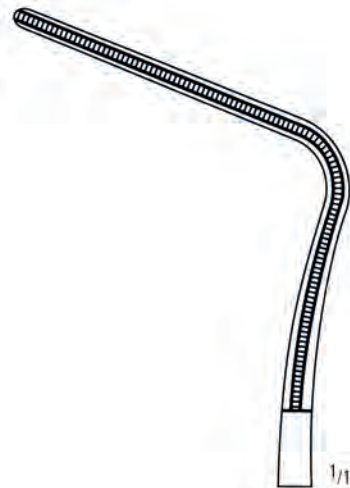
1/1

KK 505/02
24,0 cm/9 1/2"



1/1

KK 505/03
24,0 cm/9 1/2"

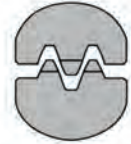


1/1

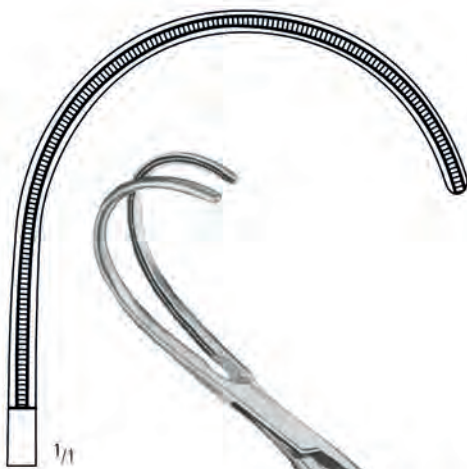
KK 505/04
24,0 cm/9 1/2"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincès atraumatiques
Pinze Atrauma

ATRAU
nopa[®]



DE BAKEY



WEBER
KK 509/01
26,0 cm/10¹/₄"



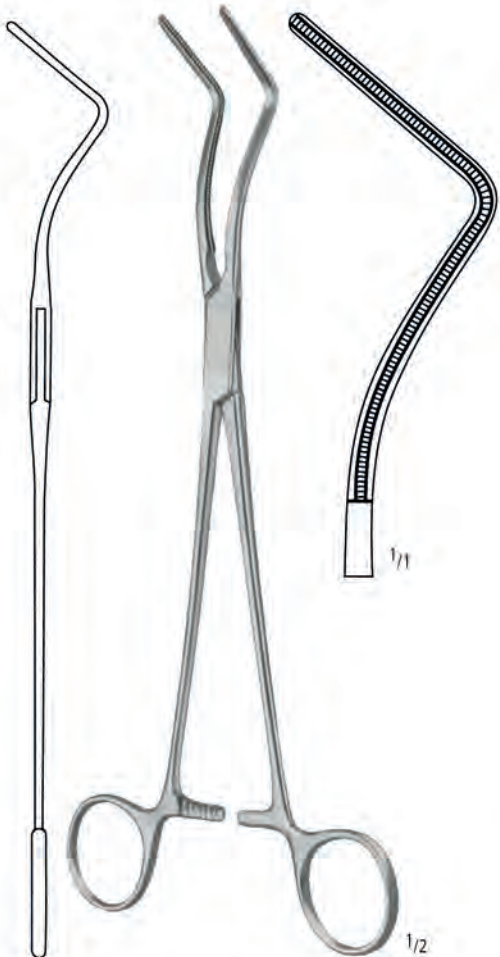
WEBER
KK 509/02
26,0 cm/10¹/₄"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincès atraumatiques
Pinze Atrauma



DE BAKEY

ATRAU
nopa®



LEES
KK 511/25
25,0 cm/10"



LEES



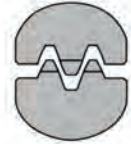
KK 512/23
23,0 cm/9"



KK 512/25
25,0 cm/10"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincas atraumatiques
Pinze Atrauma

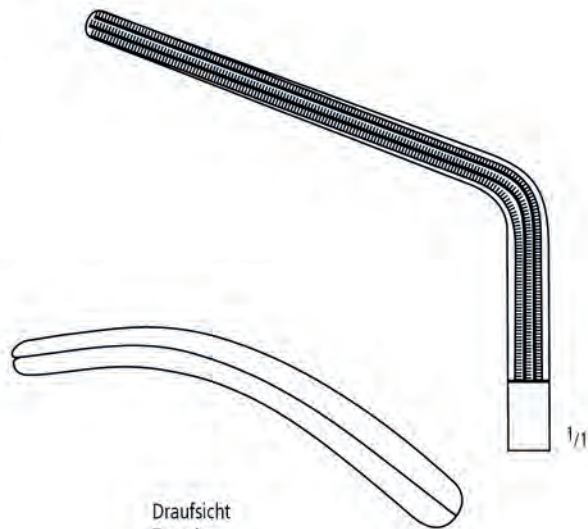
ATRAU
nopa[®]



DE BAKEY



DE BAKEY
KK 513/27
27,0 cm/10¹/₂"



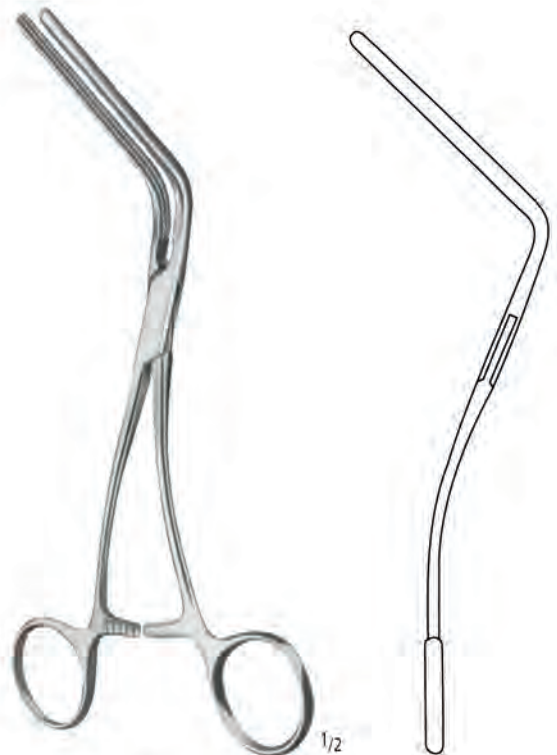
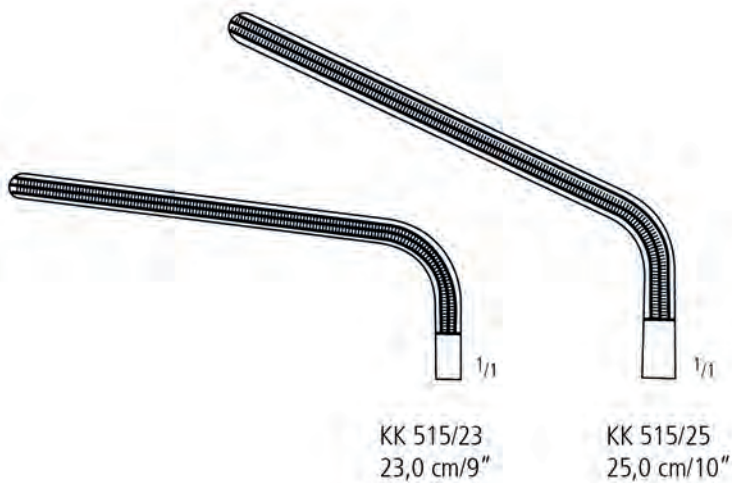
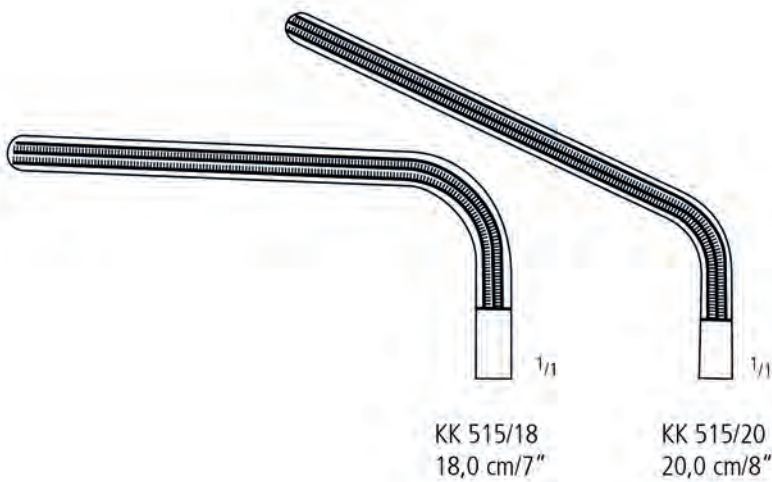
Draufsicht
Top view
Vista de arriba
Vue en plau
Vista da sopra

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincès atraumatiques
Pinze Atrauma



DE BAKEY

ATRAU
nopa®



MORRIS-DE BAKEY

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincas atraumatiques
Pinze Atrauma

ATRAU
nopa[®]



DE BAKEY



1/2

OCHSNER
KK 517/23
23,5 cm/9 1/4"

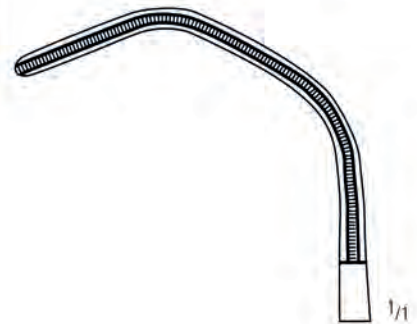


1/1



1/2

DIETRICH
KK 519/21
21,0 cm/8 1/4"

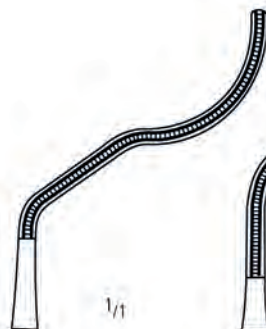


1/1



1/2

GREGORY



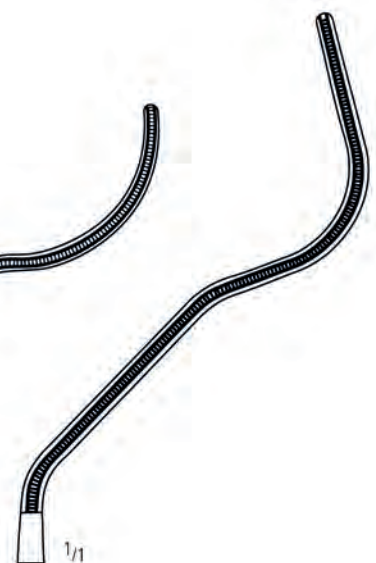
1/1

KK 521/14
14,0 cm/5 1/2"



1/1

KK 521/16
16,0 cm/6 1/4"



1/1

KK 521/18
18,0 cm/7"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pinces atraumatiques
Pinze Atrauma



DE BAKEY



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KK 523/17
17,0 cm/6 $\frac{1}{2}$ "

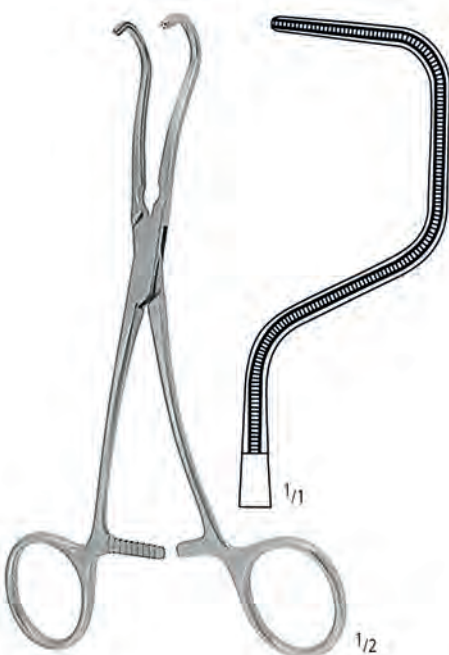


KK 523/18
18,0 cm/7"

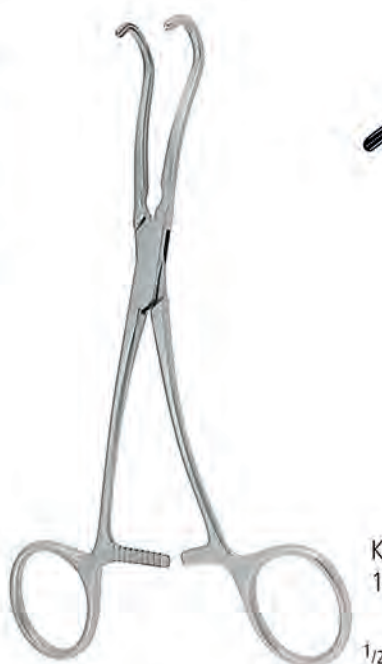


KK 523/19
18,5 cm/7 $\frac{1}{4}$ "

DALE



DALE
KK 525/18
18,5 cm/7"



DERRA



KK 527/16
16,0 cm/6 $\frac{1}{4}$ "



KK 527/17
17,0 cm/6 $\frac{3}{4}$ "



KK 527/18
18,0 cm/7"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincas atraumatiques
Pinze Atrauma



DE BAKKEY



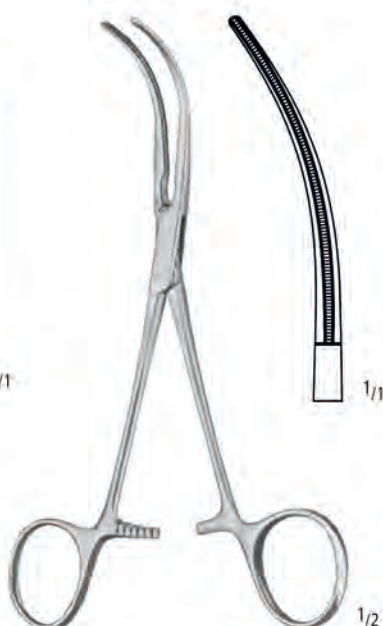
KK 531/16
16,0 cm/6¹/₄"



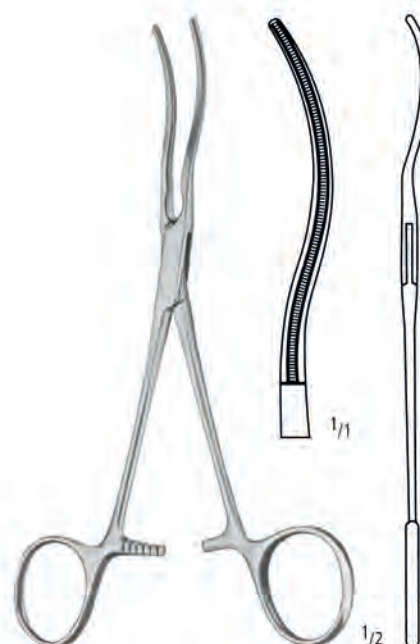
KK 531/17
17,0 cm/6³/₄"



BECK
KK 535/17
17,0 cm/6³/₄"



GLOVER
KK 537/17
17,0 cm/6³/₄"



KK 539/17
17,0 cm/6³/₄"

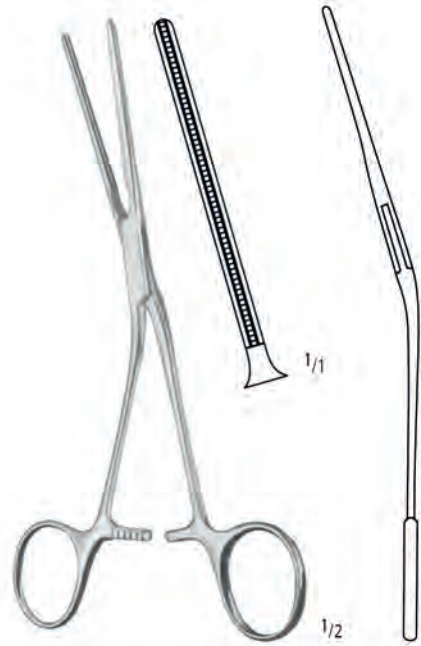
Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pinces atraumatiques
Pinze Atrauma



DE BAKEY



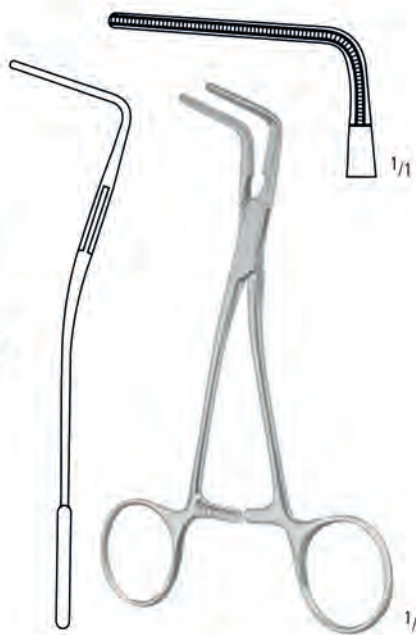
DE BAKY
KK 540/17
17,0 cm/6³/₄"



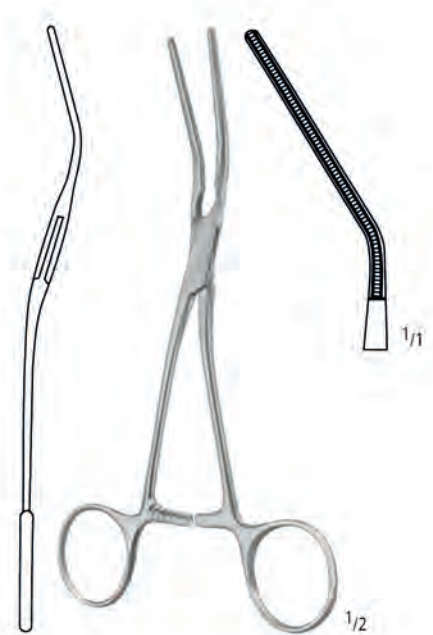
DE BAKY
KK 541/17
17,0 cm/6³/₄"



DE BAKY
KK 543/15
15,0 cm/6"



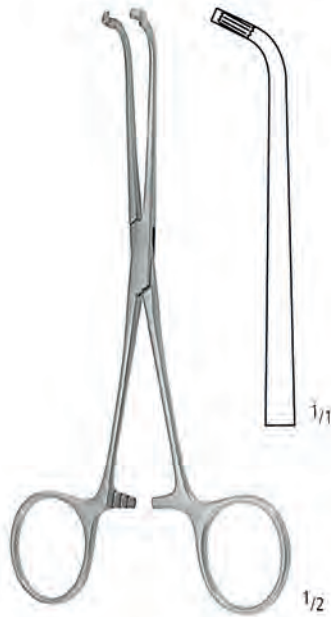
DE BAKY
KK 545/15
15,0 cm/6"



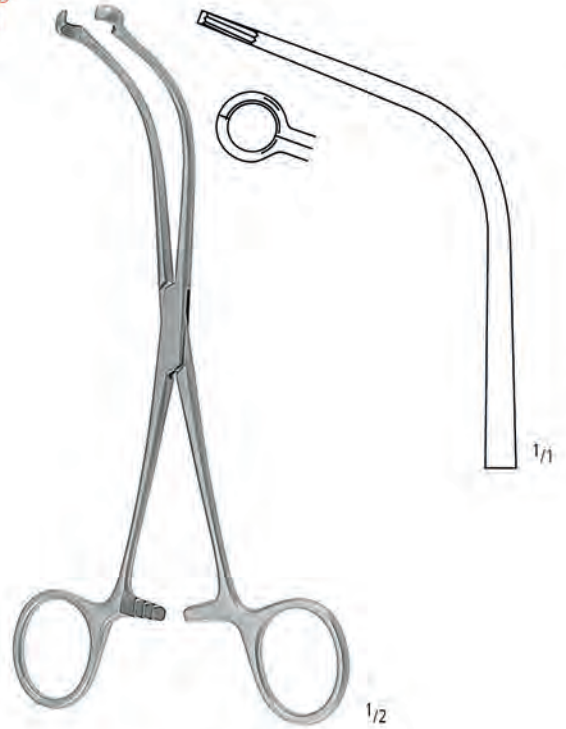
DE BAKY
KK 547/16
16,0 cm/6¹/₄"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pinces atraumatiques
Pinze Atrauma

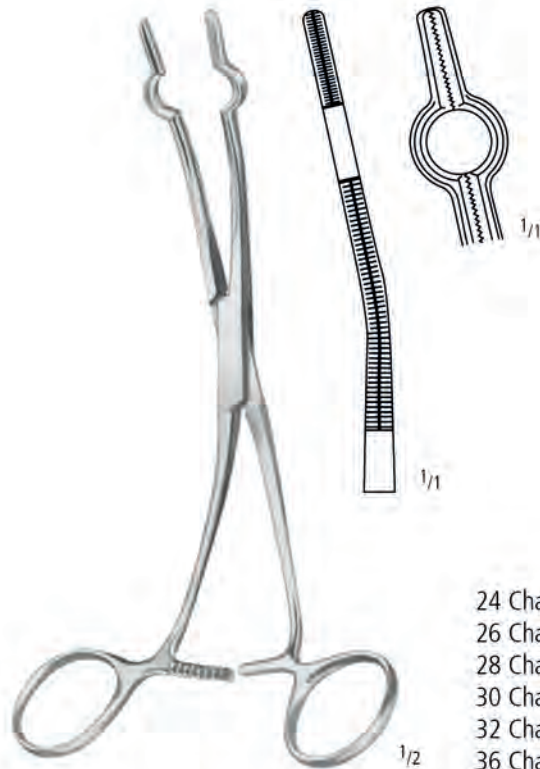
ATRAU
nopa[®]



JAVID
KK 561/18
18,0 cm/7"



JAVID
KK 561/19
19,0 cm/7 1/2"



COOLEY

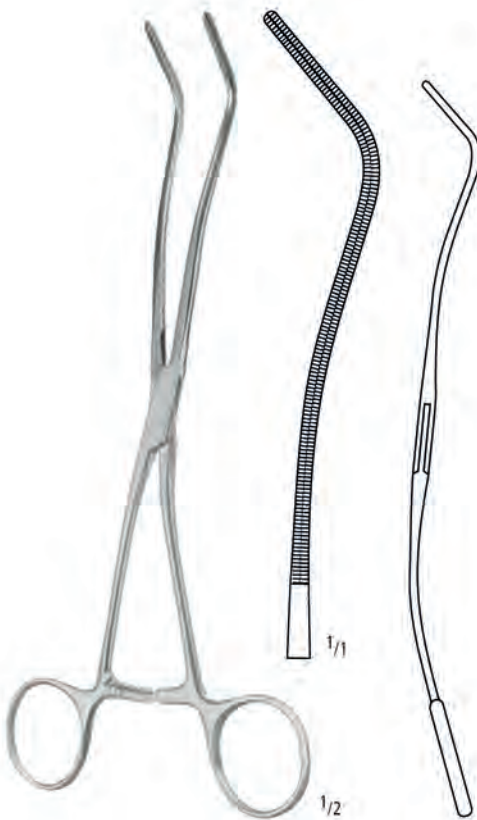
24 Charr.	16,0 cm/6 1/4"	KK 565/24
26 Charr.	16,0 cm/6 1/4"	KK 565/26
28 Charr.	20,0 cm/8"	KK 565/28
30 Charr.	20,0 cm/8"	KK 565/30
32 Charr.	20,0 cm/8"	KK 565/32
36 Charr.	20,0 cm/8"	KK 565/36

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincès atraumatiques
Pinze Atrauma

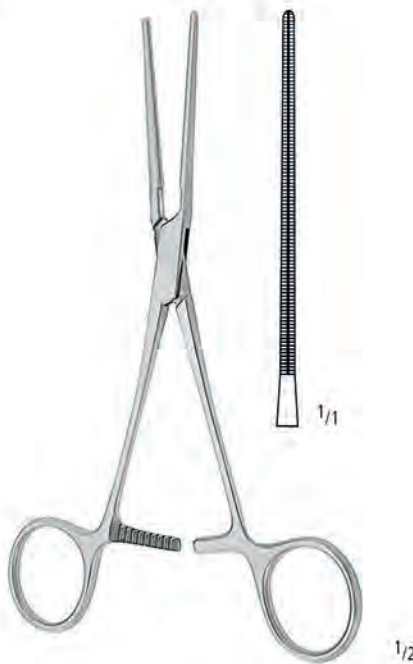


COOLEY

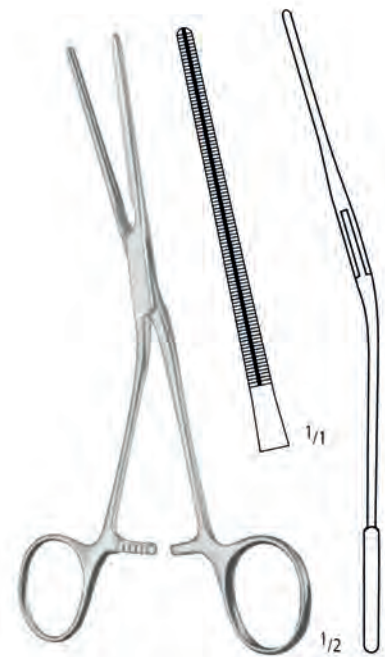
ATRAU
nopa®



COOLEY
KK 571/20
20,0 cm/8"



COOLEY
KK 574/17
17,0 cm/6³/₄"



COOLEY
KK 575/17
17,0 cm/6³/₄"

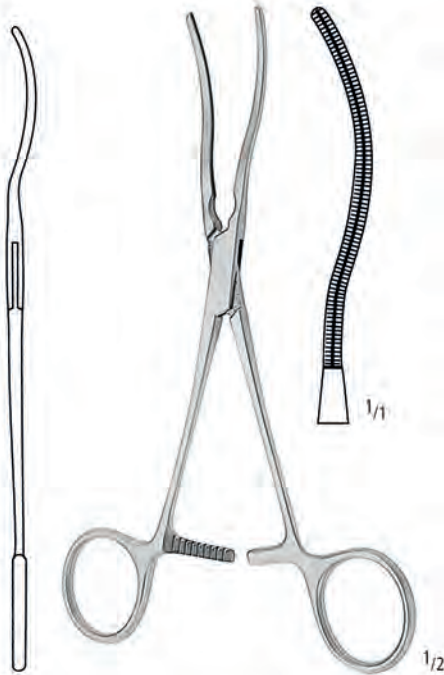
graduiert - graduated

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincas atraumatiques
Pinze Atrauma

ATRAU
nopa[®]

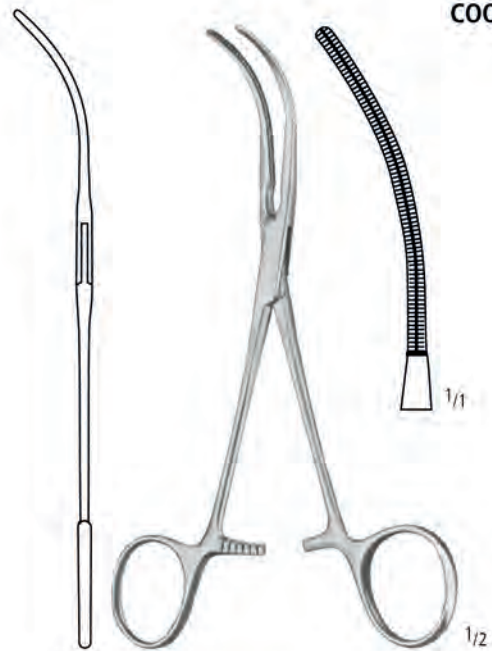


COOLEY

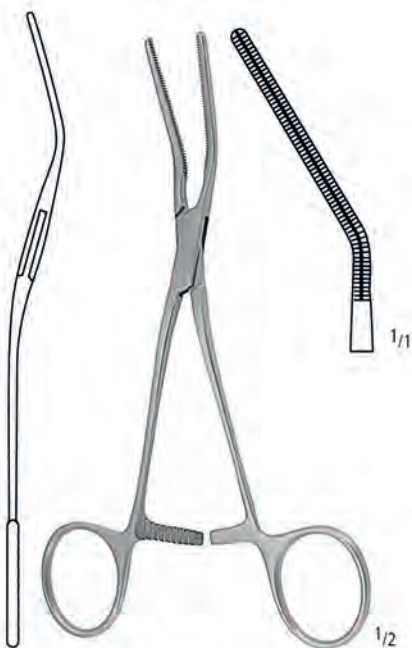


COOLEY
KK 577/17
17,0 cm/6³/₄"

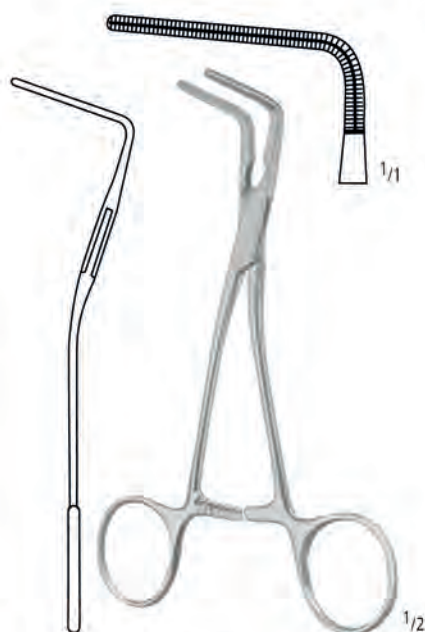
graduiert - graduated



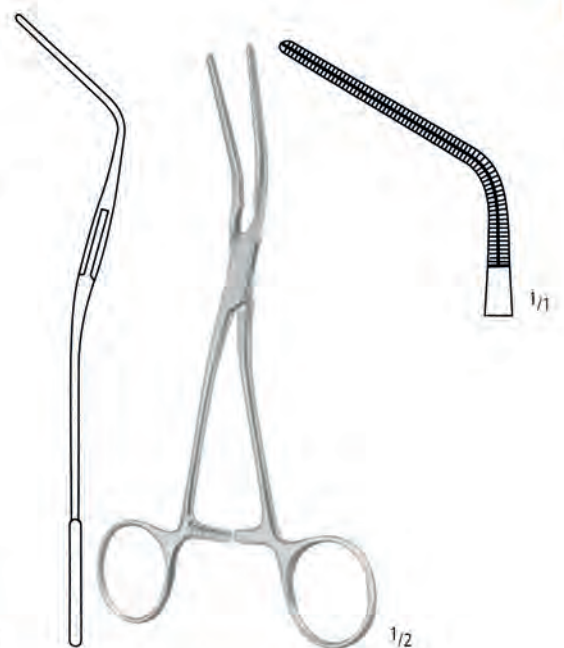
COOLEY
KK 579/17
17,0 cm/6³/₄"



COOLEY
KK 581/17
17,0 cm/6³/₄"



COOLEY
KK 583/15
15,0 cm/6"



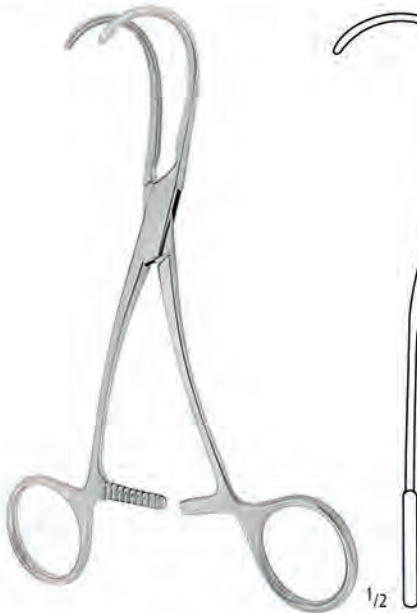
COOLEY
KK 585/16
15,5 cm/6¹/₈"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincés atraumatiques
Pinze Atrauma



COOLEY

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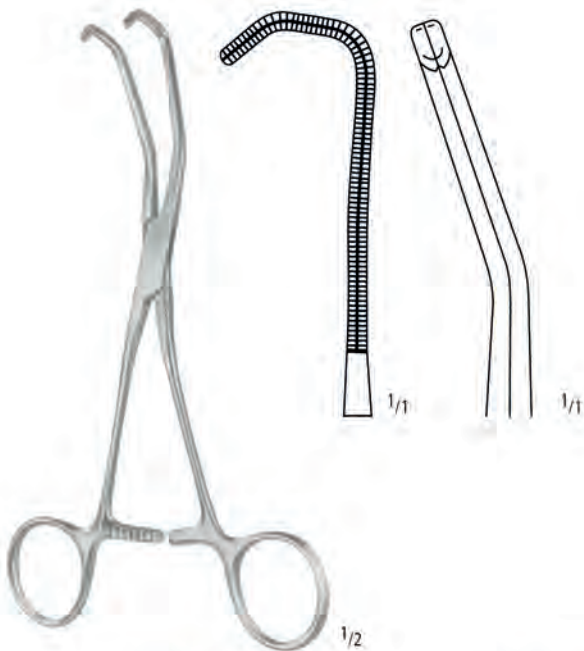
COOLEY



KK 587/16
16,0 cm/6¹/₄"



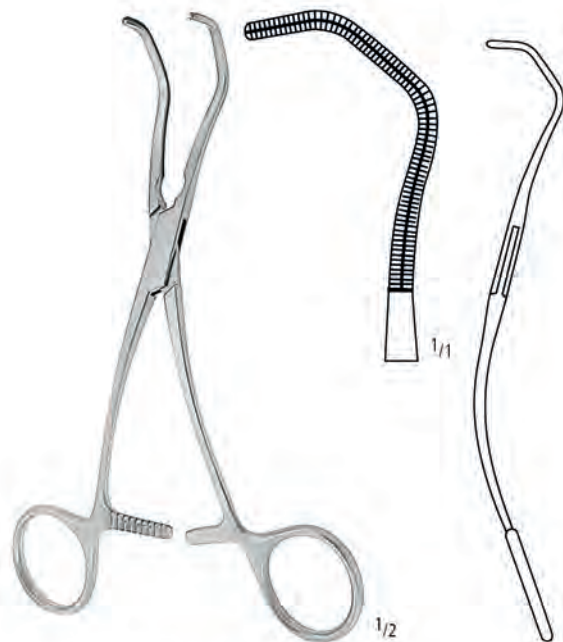
KK 587/17
17,0 cm/6³/₄"



COOLEY
KK 589/17
17,0 cm/6³/₄"



graduiert - graduated



COOLEY
KK 591/16
16,0 cm/6¹/₄"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincas atraumatiques
Pinze Atrauma

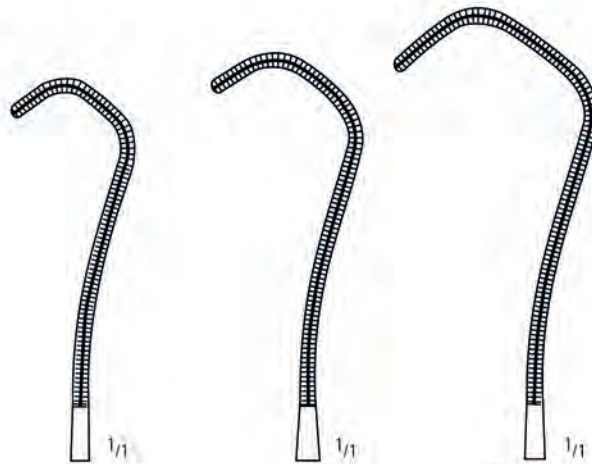
ATRAU
nopa®



COOLEY



COOLEY-DERRA



KK 593/16
16,0 cm/6 1/4"

KK 593/17
17,0 cm/6 3/4"

KK 593/18
18,0 cm/7"

graduiert - graduated



BECK
KK 595/17
17,0 cm/6 3/4"

KK

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincas atraumatiques
Pinze Atrauma

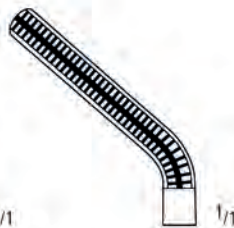


DARDIK

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KK 597/01
13,0 cm/5¹/₄"



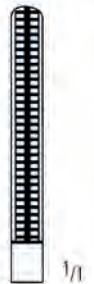
KK 597/02
14,5 cm/5³/₄"



KK 597/03
15,0 cm/6"



KK 597/04
15,0 cm/6"



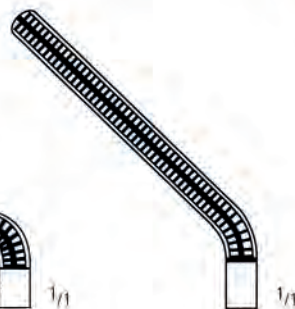
KK 597/05
15,0 cm/6"



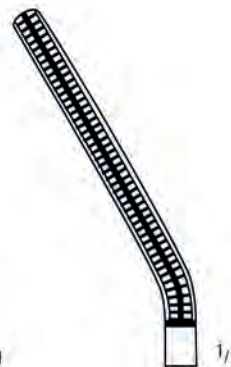
DARDIK



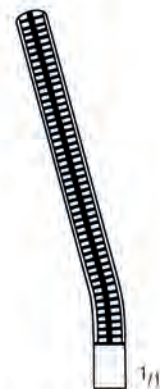
KK 599/01
13,5 cm/5¹/₂"



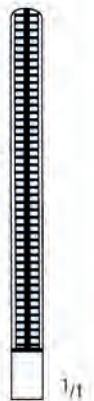
KK 599/02
16,0 cm/6¹/₄"



KK 599/03
17,0 cm/6³/₄"

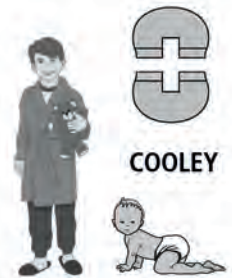


KK 599/04
17,0 cm/6³/₄"



KK 599/05
17,0 cm/6³/₄"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincas atraumatiques
Pinze Atrauma



COOLEY

graduiert - graduated



COOLEY
KK 603/14
14,0 cm / 5 1/2"



COOLEY
KK 605/14
14,0 cm / 5 1/2"



COOLEY
KK 607/14
14,0 cm / 5 1/2"

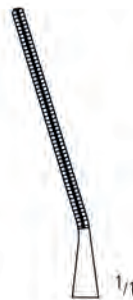
Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincès atraumatiques
Pinze Atrauma



ATRAU
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KK 611/01
14,0 cm/5 1/2"



KK 611/02
14,0 cm/5 1/2"



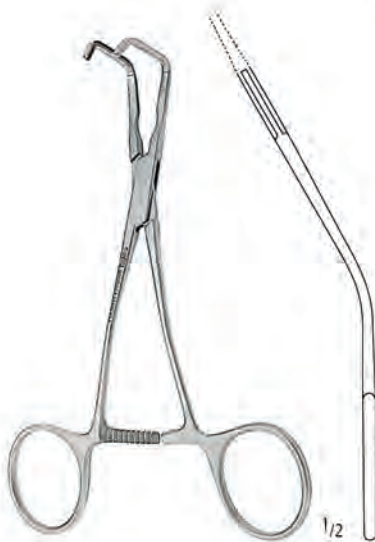
KK 611/03
14,0 cm/5 1/2"



KK 611/04
13,0 cm/5"



KK 611/05
14,0 cm/5 1/2"



KK 611/06
13,0 cm/5"



KK 611/07
13,0 cm/5"



KK 611/08
14,0 cm/5 1/2"



KK 611/09
13,5 cm/5 1/4"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincers atraumatiques
Pinze Atrauma

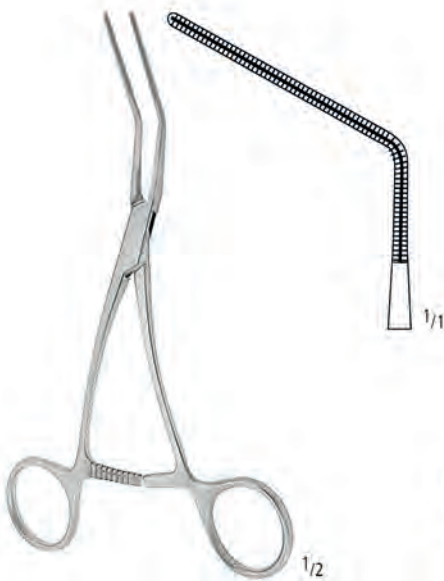
ATRAU
nopa®



KK 620/16
16,5 cm/6 1/2"



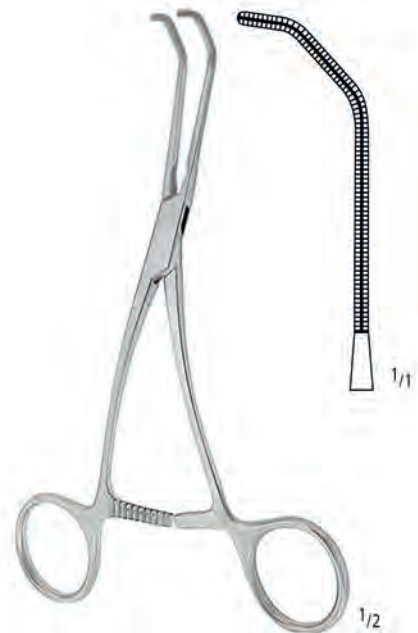
KK 621/16
16,0 cm/6 1/4"



KK 623/15
15,0 cm/6"



KK 625/15
15,0 cm/6"

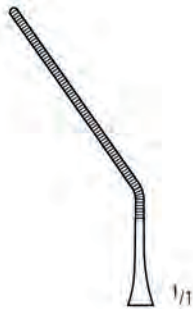


KK 627/15
15,5 cm/6 1/8"

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pinces atraumatiques
Pinze Atrauma



ATRAU
nopa®



KK 635/01
13,0 cm/5"



KK 635/02
13,0 cm/5"



KK 635/03
11,0 cm/4 1/2"



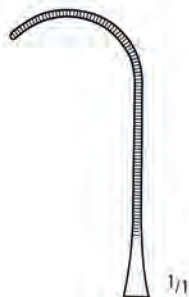
CASTANEDA



KK 635/04
12,0 cm/4 3/4"



KK 635/05
12,0 cm/4 3/4"



KK 635/06
12,0 cm/4 3/4"



KK 635/07
14,0 cm/4 3/4"

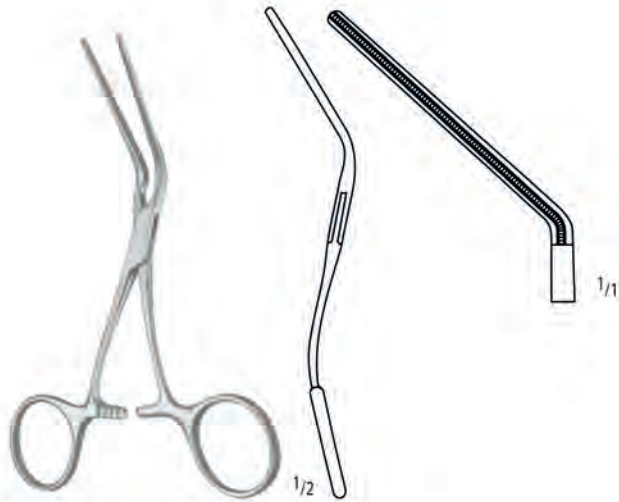
graduiert - graduated

Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pincas atraumatiques
Pinze Atrauma

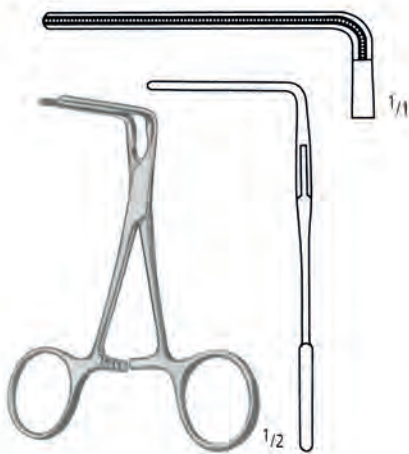
ATRAU
nopa[®]



DE BAKEY
KK 637/12
12,0 cm/4³/₄"



DE BAKEY
KK 639/13
13,0 cm/5¹/₄"



DE BAKEY
KK 641/10
10,0 cm/4"



DE BAKEY
KK 643/11
11,0 cm/4¹/₄"



DE BAKEY
KK 645/12
12,0 cm/4³/₄"

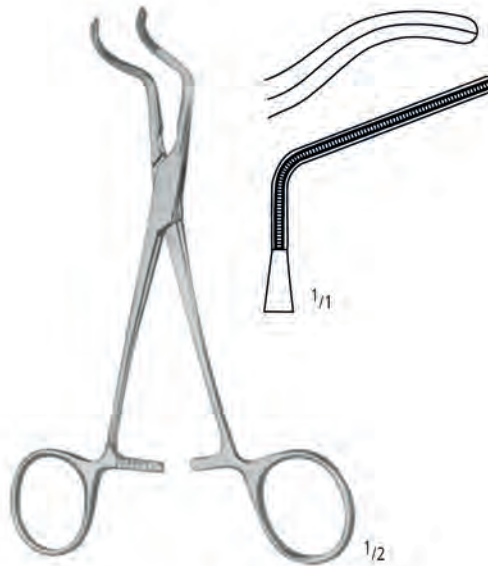
Atrauma-Klemmen
Atrauma Forceps
Pinzas Atrauma
Pinces atraumatiques
Pinze Atrauma



DE BAKEY

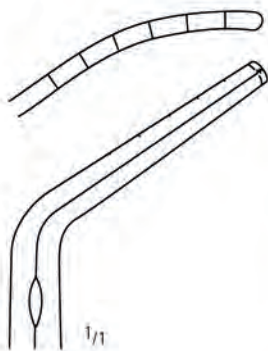


ATRAU
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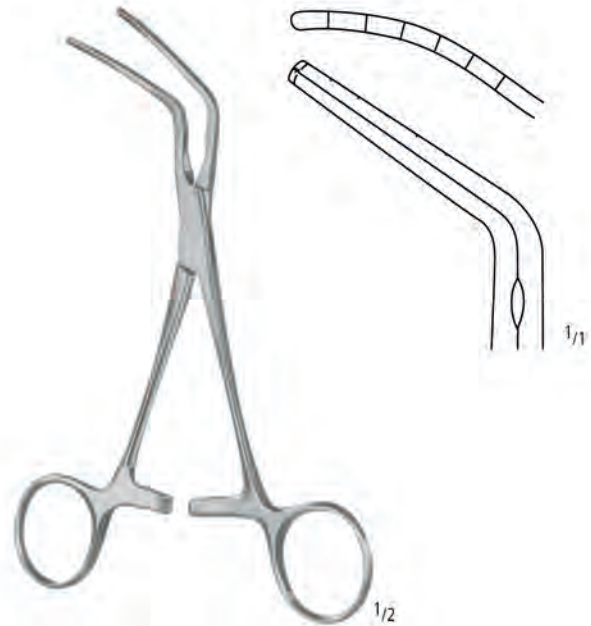
SUBRAMANIAN-MINIATURE

KK 651/15
15,5 cm/6"



SUBRAMANIAN

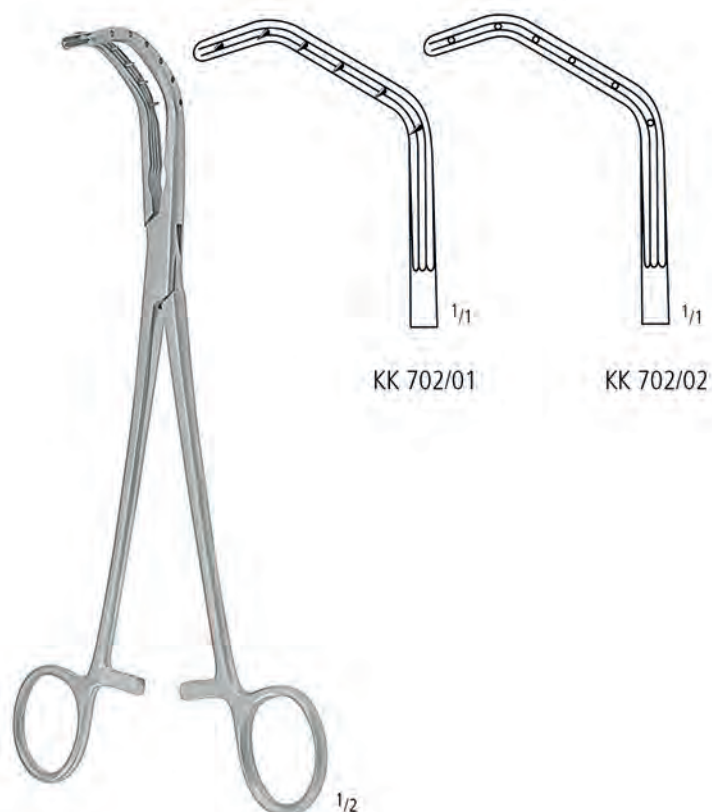
KK 653/01
16,0 cm/6 1/4"



SUBRAMANIAN

KK 653/02
16,0 cm/6 1/4"

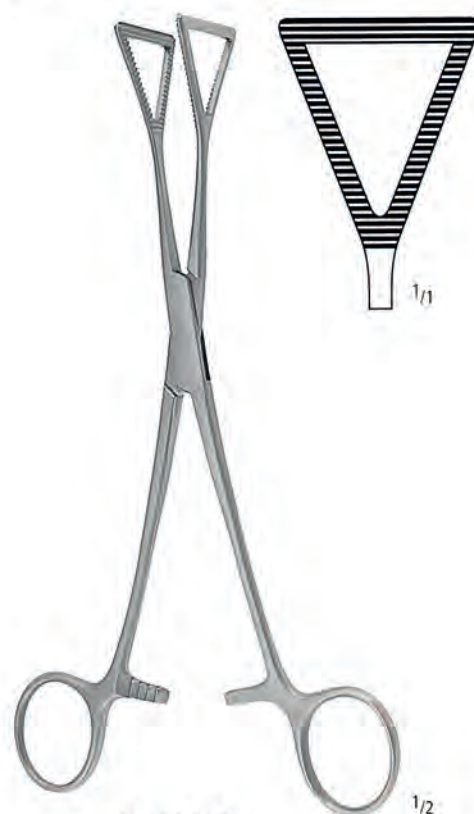
Bronchusklemmen, Lungenfasszangen
Bronchus clamps, Lung grasping forceps
Pinzas clamps bronquiales y para pulmon
Pincers-clamps à bronches et à poumons
Pinze per bronchi, Pinze per polmoni



PRICE-THOMAS
22,0 cm/8³/₄"



SEMB
24,0 cm/9¹/₂"

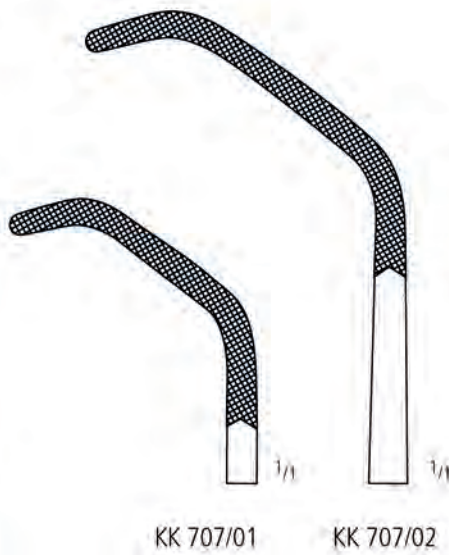


LOVELACE
KK 704/20
20,0 cm/8"

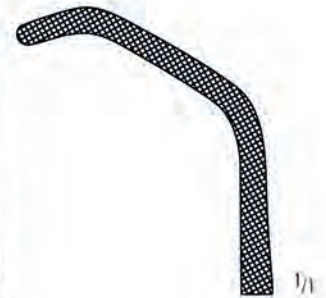
Vena-Cava Klemmen
Vena-Cava Forceps
Clamps Vena Cava
Pinces Vena Cava
Pinze Vena Cava



SATINSKY
26,0 cm/10 1/2"



BABY-SATINSKY
KK 708/15
15,0 cm/6"



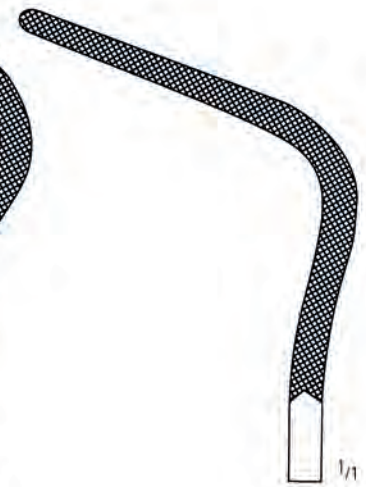
HARKEN
24,0 cm/9 1/2"



KK 709/01
24,0 cm/9 1/2"

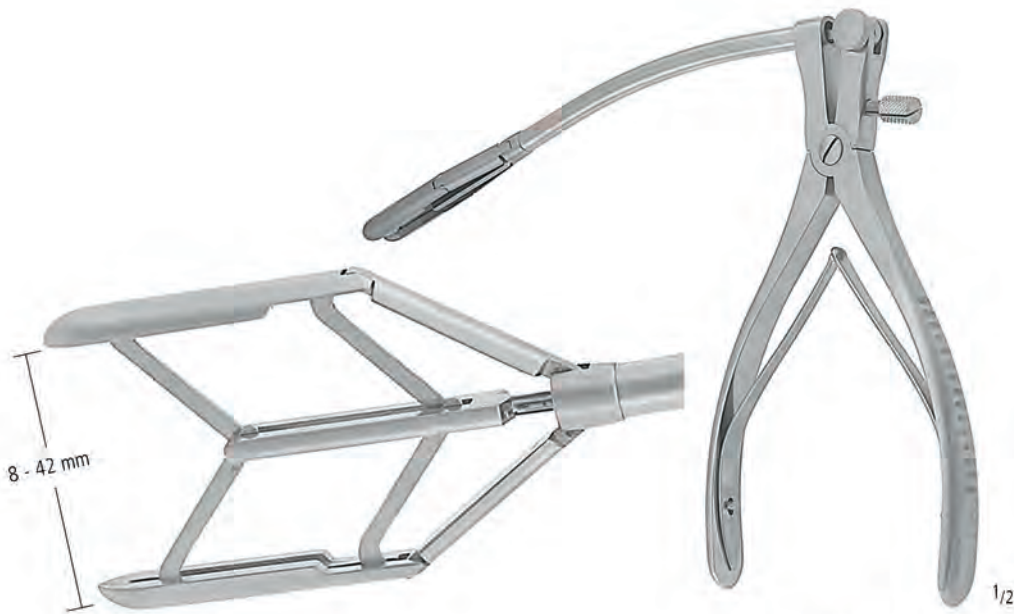


KK 709/02
24,0 cm/9 1/2"

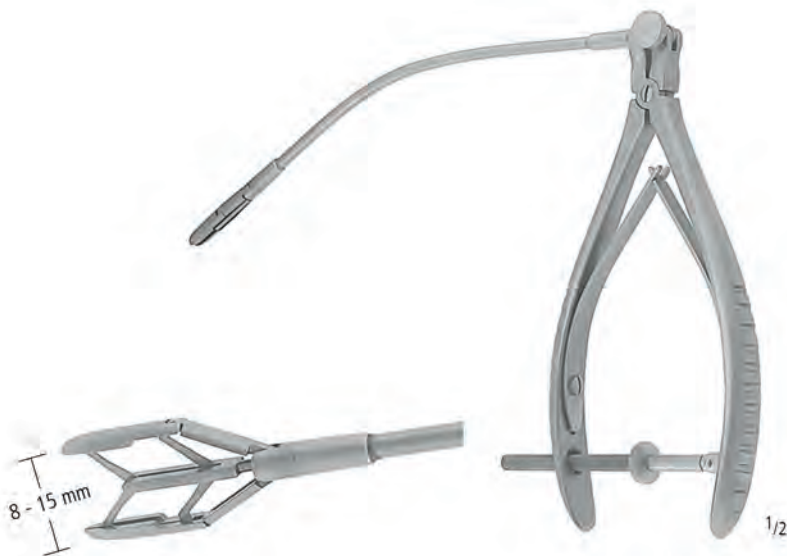


KK 709/03
24,0 cm/9 1/2"

Dilatatoren, Tourniquet
Dilators, Tourniquets
Dilatadores, Torniquetes
Dilateurs, Tourniquets
Dilatatori, Tornichetti



TUBBS
KK 720/42



COOLEY
KK 722/15



RUMEL-BELMONT
Ø 3,2 mm KK 730/32
Ø 6,4 mm KK 730/64

flexibel
flexible
flexibles
flexibles
flessibili

AA
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AJ
AK
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X

THORAKOSKOPIE
THORACOSCOPY
TORACOSCOPIA
THORACOSCOPIE
TORACOSCOPIA

X

nopa[®] instruments

Weitere Endoskopie-Instrumente finden Sie in unserem Katalog „Endoskopie“.

For further endoscopic instruments kindly refer to our catalogue „Endoscopy“.

Para instrumental de endoscopia adicional, por favor consulte nuestro catálogo de „Endoscopia“.

Pour des instruments d'endoscopie supplémentaires, consultez notre catalogue „Endoscopie“.

Per gli altri strumenti endoscopia, consultare il nostro catalogo „Endoscopia“.



>> Optiken • Telescopes • Ópticas • Optiques • Ottiche

304–305

1

>> Instrumente für Laparoskopie / Thorax • Instruments for Laparoscopy / Thorax
Instrumentos para Laparoscopia / Tórax • Instruments pour Laparoscopie / Thorax
Strumenti per Laparoscopia / Torace

306–313

3

>> Elektroden / Saugen / Spülen / Kanülen / Trokare • Electrodes / Suction / Irrigation / Cannulae /
Trocars • Electrodoes / Succión / Irrigación / Aguja / Trócares • Electrodes / Aspiration / Irrigation /
Canules / Trocars • Elettrodi / Aspirazione / Irrigazione / Aghi speciali / Tre quarti

314–325

5

>> HF-Zubehör • HF-accessories • AF-accesorios • HF-accessoires • AF-accessori

326–331

7

>> Kaltlichtquellen, Kameras • Cold light sources, cameras • Fuentes de luz fría, cámaras
Sources à lumière froide, caméras • Sorgente luce fredda, macchine fotografiche

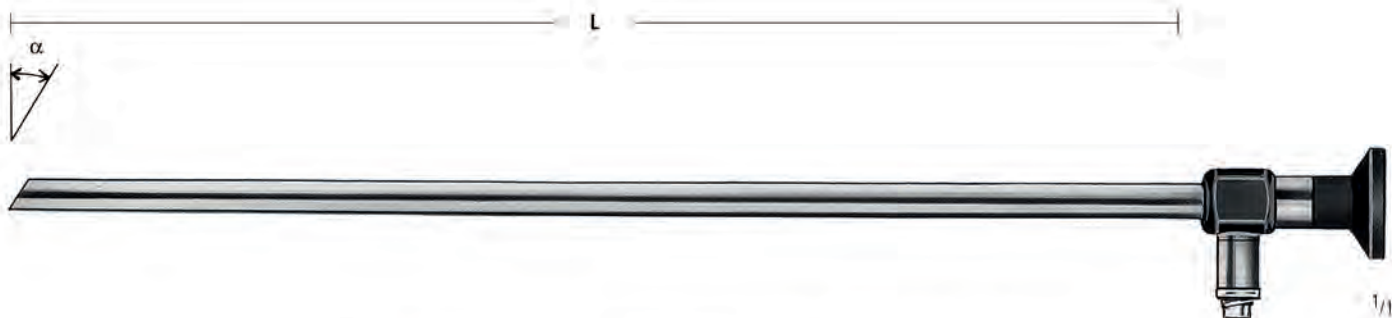
332–341

18

>> Verschiedenes • Various items • Artículos diversos • Articles divers • Articoli diversi

342–343

22



Ø mm	$\alpha = 0^\circ$	$\alpha = 30^\circ$	L
5,0	XP 720/50	XP 720/53	336 mm
6,5	XP 720/60	XP 720/63	336 mm
8,0	XP 721/80	XP 721/83	340 mm
10,0	XP 722/90	XP 722/93	344 mm

>> autoklavierbar
autoclavable

>> mit Anschluss für
with adaptors for

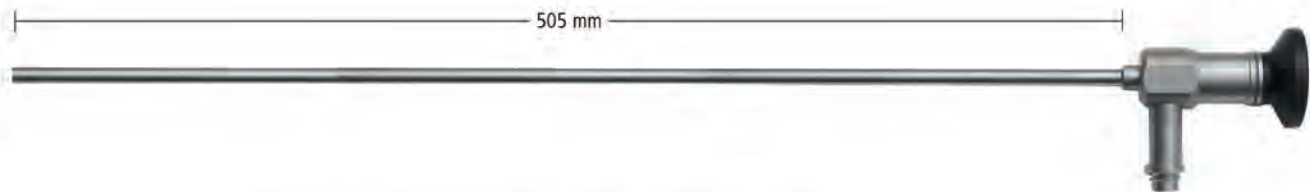
Storz
Wolf
ACMI

ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

Thorakoskopie - Bronchoskopie
Thoracoscopy - Bronchoscopy
Toracosopia - Bronquioscopia
Thoracoscopie - Bronchoscopie
Toracosopia - Broncoscopia



Ø mm	$\alpha = 0^\circ$	$\alpha = 30^\circ$
10,0	XP 728/10	XP 728/13



Ø mm	$\alpha = 0^\circ$	$\alpha = 30^\circ$
5,5	XP 729/50	XP 729/53

>> autoklavierbar
autoclavable

>> mit Anschluss für
with adaptors for

Storz
Wolf
ACMI

easyClean[®]

Ø 5,0 mm, 10,0 mm, 2-teilig / 2-piece

THORAX



XM 010/00



XM 014/00



XM 016/00

Bestellinformation: Bestellen Sie bitte Griff und Arbeitseinsatz
Ordering information: Please order handle and working tip

Scharfe Präparation, Faszangen
Sharp Dissection, Grasping Forceps
Disección punta, Pinzas de aprehensión
Dissection tranchant, Pincers à Préhension
Dissezione tagliente, Pinze da presa

easyClean[®]

Ø 5,0 mm, 10,0 mm, 2-teilig / 2-piece

THORAX

Bestellinformation: Bestellen Sie bitte Griff und Arbeitseinsatz
Ordering information: Please order handle and working tip



METZENBAUM

Ø 5,0 mm

36,0 cm/14"

XM 300/01



PERITONEUM SCHERE
PERITONEAL SCISSORS

Ø 5,0 mm

XM 300/02



MIKROSCHERE
MICRO SCISSORS

Ø 5,0 mm

XM 300/03



LÖFFEL
SPOON

Ø 5,0 mm

XM 300/04



STARKE GREIFZANGE
STRONG GRASPER

Ø 5,0 mm

XM 300/10



GREIFZANGE
GRASPING FORCEPS

Ø 5,0 mm

XM 300/11

Fasszangen
Grasping Forceps
Pinzas de aprehensión
Pinces à préhension
Pinze da presa

easyClean®

Ø 5,0 mm, 10,0 mm, 2-teilig / 2-piece

THORAX

Bestellinformation: Bestellen Sie bitte Griff und Arbeitseinsatz
Ordering information: Please order handle and working tip



McKERNAN

Ø 5,0 mm

36,0 cm/14"

XM 300/12



GEZAHNTER GREIFER KOBRA
TOOTHED GRASPER COBRA

Ø 5,0 mm

XM 300/13



FASSZANGE GEFENSTERT
GRASPING FORCEPS FENSTERED

Ø 5,0 mm

XM 300/14



BABCOCK - ALLIS

Ø 5,0 mm

XM 300/15



DUVAL

Ø 10,0 mm

XM 300/16

Fasszangen
Grasping Forceps
Pinzas de aprehensión
Pincers à préhension
Pinze da presa

easyClean[®]

Ø 5,0 mm, 10,0 mm, 2-teilig / 2-piece

THORAX

Bestellinformation: Bestellen Sie bitte Griff und Arbeitseinsatz
Ordering information: Please order handle and working tip



Ø 10,0 mm

36,0 cm/14"

XM 300/17

KOCHER KLAMMERZANGE
KOCHER CLAMPING FORCEPS



Ø 5,0 mm

XM 300/18



Ø 5,0 mm

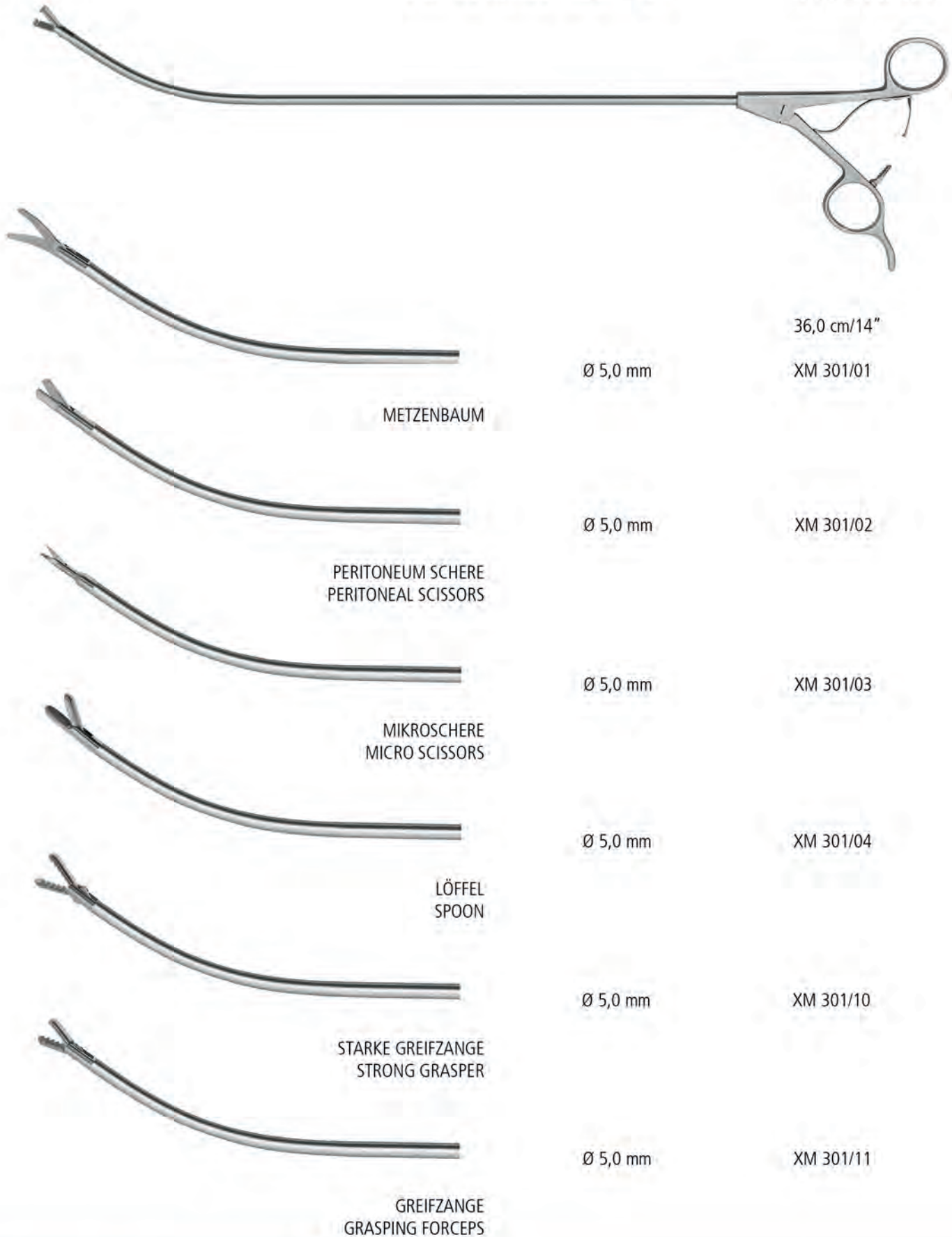
XM 300/19

MARYLAND

Scharfe Präparation, Faszangen
Sharp Dissection, Grasping Forceps
Dissección punta, Pinzas de aprehensión
Dissection tranchant, Pincers à Préhension
Dissezione tagliente, Pinze da presa

Ø 5,0 mm, 10,0 mm, 1-teilig / 1-piece

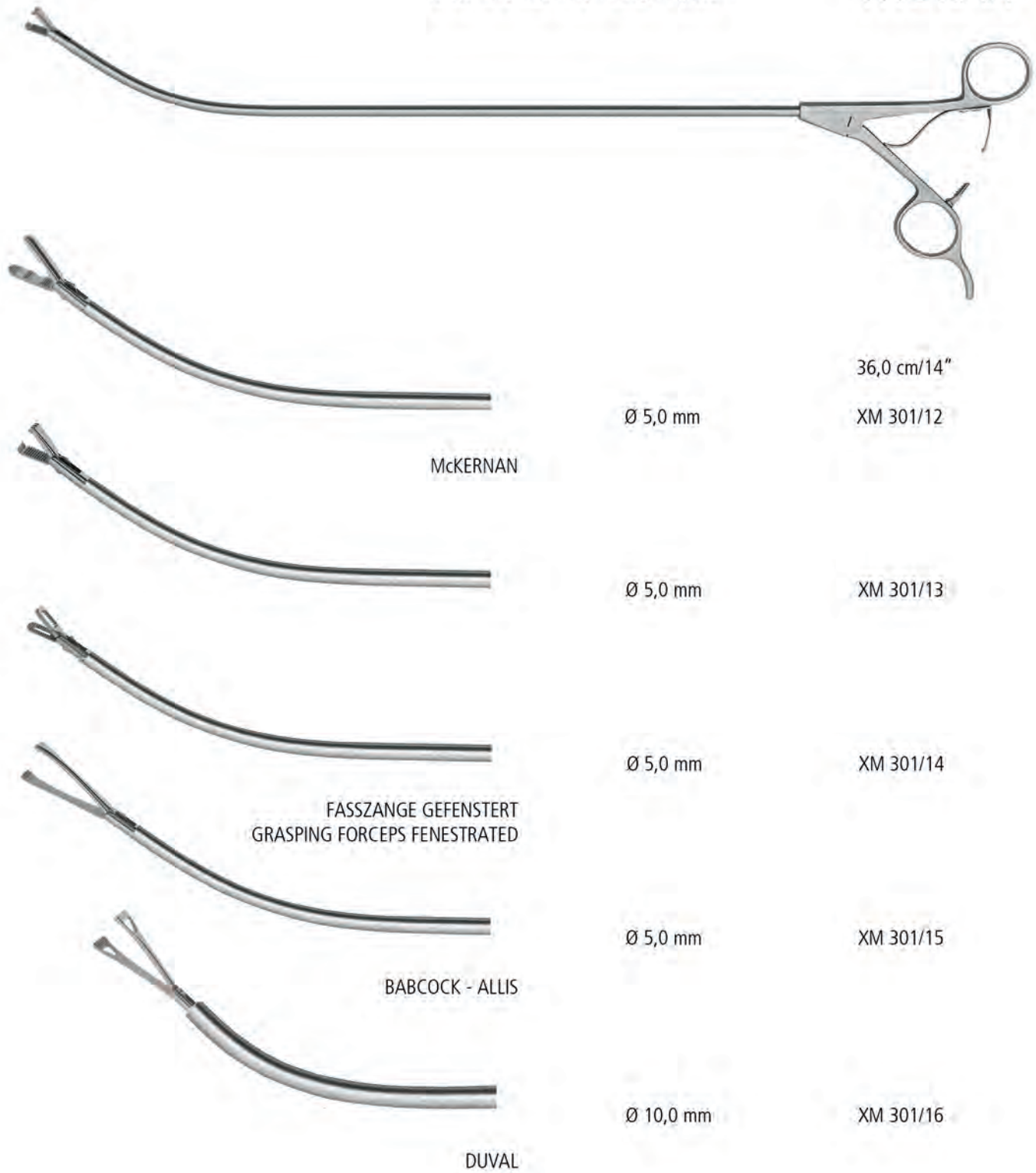
THORAX



Fasszangen
Grasping Forceps
Pinzas de aprehensión
Pincers à préhension
Pinze da presa

Ø 5,0 mm, 10,0 mm, 1-teilig / 1-piece

THORAX



36,0 cm/14"

XM 301/12

Ø 5,0 mm

McKERNAN

Ø 5,0 mm

XM 301/13

Ø 5,0 mm

XM 301/14

FASSZANGE GEFENSTERT
GRASPING FORCEPS FENESTRATED

Ø 5,0 mm

XM 301/15

BABCOCK - ALLIS

Ø 10,0 mm

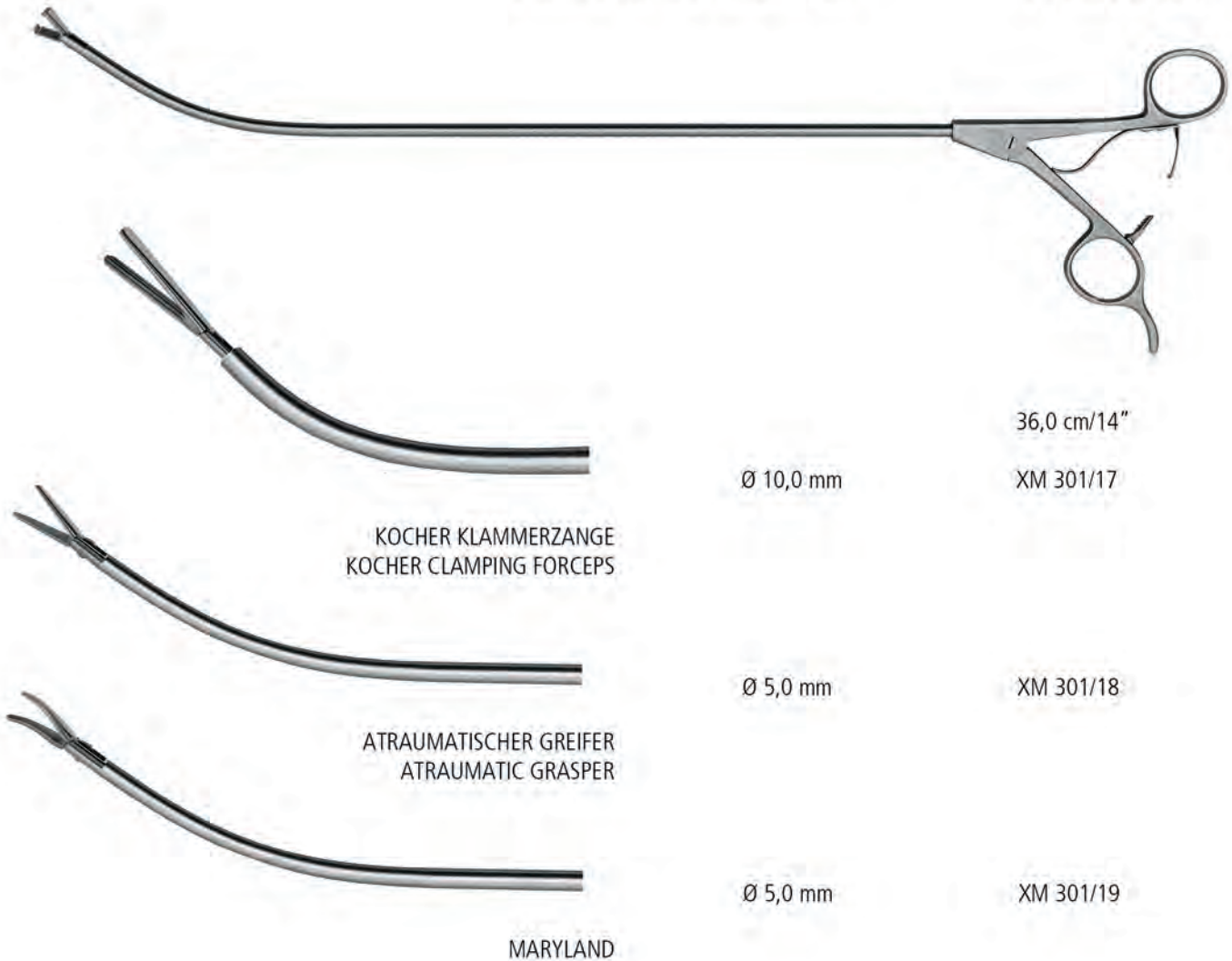
XM 301/16

DUVAL

Fasszangen
Grasping Forceps
Pinzas de aprehensión
Pincers à préhension
Pinze da presa

Ø 5,0 mm, 10,0 mm, 1-teilig / 1-piece

THORAX



36,0 cm/14"

Ø 10,0 mm

XM 301/17

KOCHER KLAMMERZANGE
KOCHER CLAMPING FORCEPS

Ø 5,0 mm

XM 301/18

ATRAUMATISCHER GREIFER
ATRAUMATIC GRASPER

Ø 5,0 mm

XM 301/19

MARYLAND

ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

Retraktoren
Retractors
Separadores
Ecarteurs
Divaricatori

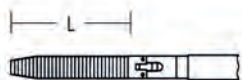
1
3



1/2

Ø 10,0 mm

XM 570/00



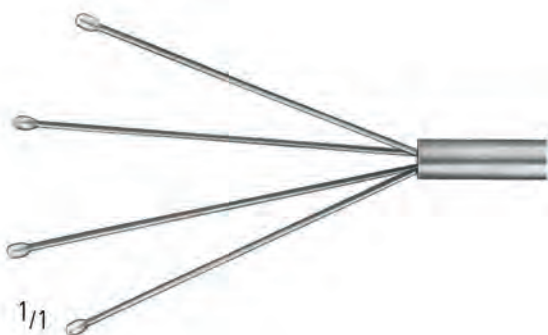
1/2

L = 50,0 mm

XM 570/50

L = 75,0 mm

XM 570/75



1/1

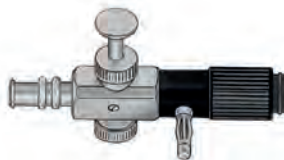
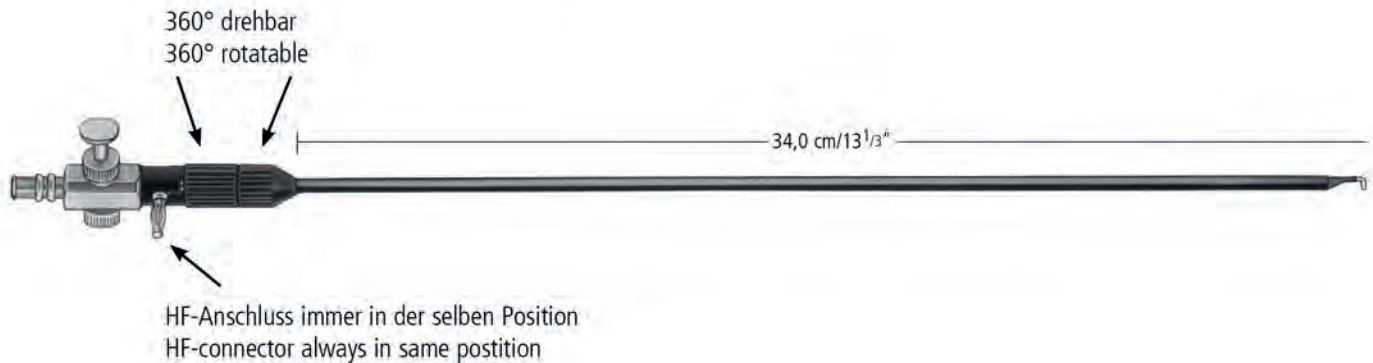
Ø 5,0 mm

XM 571/05

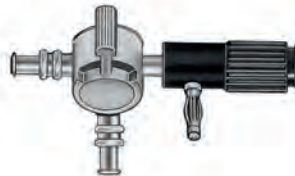
5
7
18
22

Elektroden mit Absaugung
Electrodes with suction tube
Electrodos con tubo de succión
Electrodes avec canule d'aspiration
Elettrodi con tubo d'aspirazione

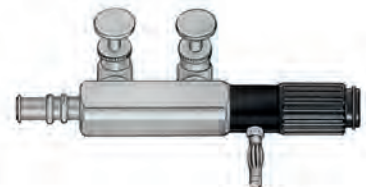
nopa econom



XK 546/00



XK 547/00



XK 548/00

perfekte Reinigung
perfect cleaning



Ø 5,0 mm
XK 549/01



Ø 5,0 mm
XK 549/02



Ø 5,0 mm
XK 549/03



Ø 5,0 mm
XK 549/04



nopa-econom Elektroden sind durch LUER-LOCK Kupplung leicht auseinandernehmbar. Trotz Verwendung von hochwertigstem Isoliermaterial werden Elektrodenschäfte immer wieder durch unsachgemäße Handhabung oder Reinigung beschädigt. Das nopa System garantiert schnelles und enorm kostengünstiges Auswechseln. Durch unsere Kombinationsmöglichkeiten ergeben sich bereits bei der Grundausstattung erhebliche wirtschaftliche Vorteile.

nopa-econom electrodes are easy to take apart by means of a LUER-LOCK coupling (connection). Although our electrode shafts are coated with superb insulation material, the insulation is very often damaged due to improper handling or cleaning procedures. The nopa system guarantees a fast, reliable and inexpensive exchange of shafts. The combination possibilities offer enormous cost advantages even for a basic instrument set.

ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

Elektroden mit Absaugung
Electrodes with suction tube
Electrodos con tubo de succión
Electrodes avec canule d'aspiration
Elettrodi con tubo d'aspirazione



Ø 5,0 mm XK 550/01



Ø 5,0 mm XK 550/02



Ø 5,0 mm XK 550/03



Ø 5,0 mm XK 550/04



Ø 5,0 mm XK 550/05

5 ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

Elektroden mit Absaugung
Electrodes with suction tube
Electrodos con tubo de succión
Electrodes avec canule d'aspiration
Elettrodi con tubo d'aspirazione



Ø 5,0 mm XK 554/01



Ø 5,0 mm XK 554/02



Ø 5,0 mm XK 554/03



Ø 5,0 mm XK 554/04



Ø 5,0 mm XK 554/05

ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

Elektroden ohne Absaugung
Electrodes without suction tube
Electrodos sin tubo de succión
Electrodes sans canule d'aspiration
Elettrodi senza tubo d'aspirazione



Ø 5,0 mm XK 556/01



Ø 5,0 mm XK 556/02



Ø 5,0 mm XK 556/03



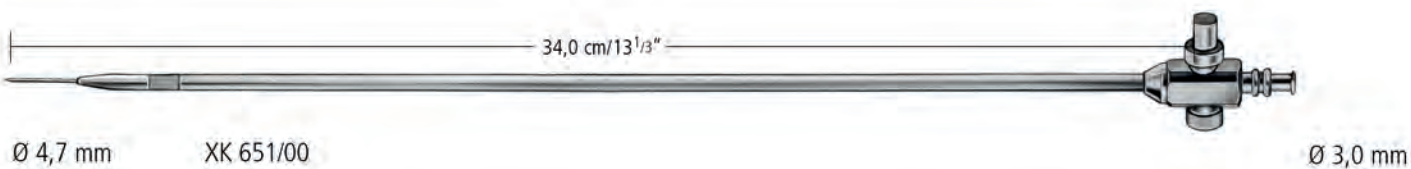
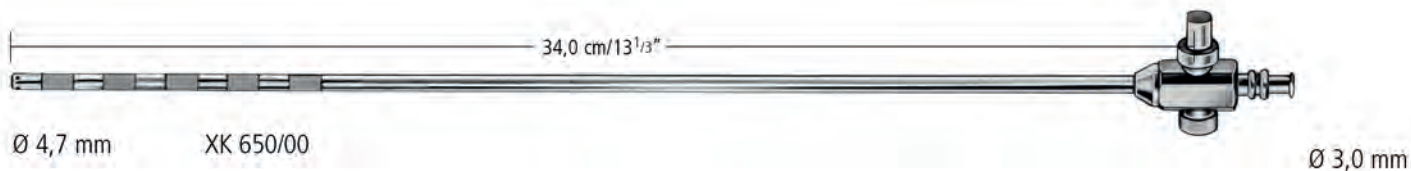
Ø 5,0 mm XK 556/04



Ø 5,0 mm XK 556/05

5 ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

Saug- und Spülrohre, Punktionskanülen
Suction and irrigation tubes, Puncture needles
Cánulas de aspiración, Agujas para punción
Canules d'aspiration, Aiguilles pour ponction
Cannule per aspirazione, Aghi per puntura



Saug- und Spülrohre
Suction and irrigation tubes
Cánulas de aspiración
Canules d'aspiration
Cannule per aspirazione



Saug und Spül Pistolenhandgriff
Suction and irrigation handle

XK 663/01



Ø 3,0 mm

XK 663/03



Ø 5,0 mm

XK 663/05



Ø 10,0 mm

XK 663/10

XK 663/00 =
XK 663/01
XK 663/03
XK 663/05
XK 663/10

5 ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

Elektroden mit Absaugung
 Electrodes with suction tube
 Electrodoes con tubo de succión
 Electrodes avec canule d'aspiration
 Elettrodi con tubo d'aspirazione

Saug und Spül Pistolenhandgriff
 Suction and irrigation handle



XK 663/01

Adapter für Elektroden
 Adaptor for electrodes



XK 663/20



Ø 5,0 mm

XK 549/01



Ø 5,0 mm

XK 549/02



Ø 5,0 mm

XK 549/03



Ø 5,0 mm

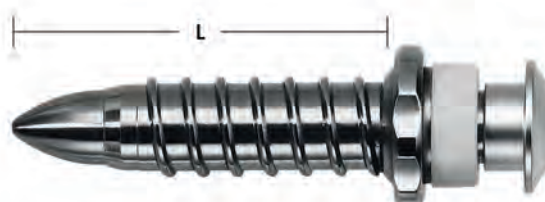
XK 549/04

nopa-econom Elektroden sind durch LUER-LOCK Kupplung leicht auseinandernehmbar. Trotz Verwendung von hochwertigstem Isoliermaterial werden Elektrodenschäfte immer wieder durch unsachgemäße Handhabung oder Reinigung beschädigt. Das nopa System garantiert schnelles und enorm kostengünstiges Auswechseln. Durch unsere Kombinationsmöglichkeiten ergeben sich bereits bei der Grundausstattung erhebliche wirtschaftliche Vorteile.

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Trokarhülsen und Trokare
Trocar sleeves and trocars
Camisa para trocares y trocares
Trocards à manche et trocards
Manicotti tre quarti e tre quarti

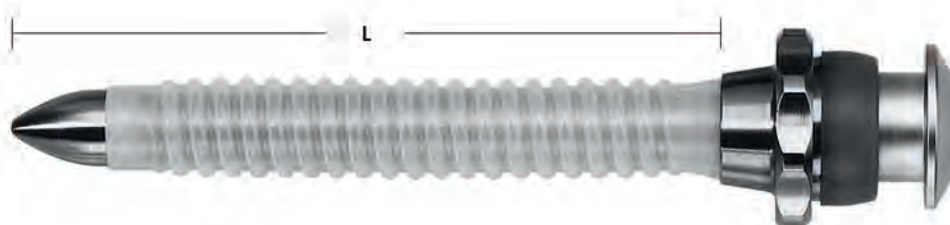
THORAX



Satz

Set

Ø 6,0 mm	L=5,0 cm/2"	XK 645/06
Ø 11,0 mm	L=5,0 cm/2"	XK 645/11
Ø 13,0 mm	L=5,0 cm/2"	XK 645/13



Satz

Set

Ø 6,0 mm	L=7,0 cm/2 ³ / ₄ "	XK 647/06
Ø 6,0 mm	L=10,0 cm/4"	XK 647/16
Ø 11,0 mm	L=7,0 cm/2 ³ / ₄ "	XK 648/11
Ø 11,0 mm	L=10,0 cm/4"	XK 648/21

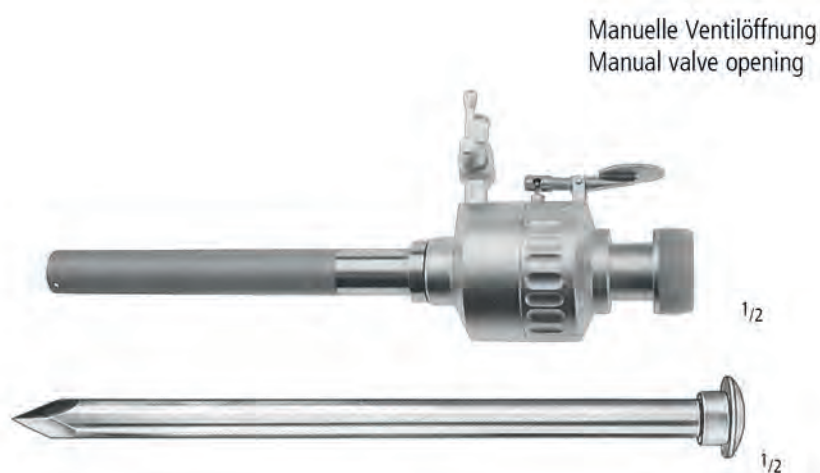
Flexible Kunststoffrohre, Verpackungseinheit 5 Stück

Flexible plastic tubes, packing unit 5 pieces

Ø 6,0 mm	L=7,0 cm/2 ³ / ₄ "	XK 647/26
Ø 6,0 mm	L=10,0 cm/4"	XK 647/36
Ø 11,0 mm	L=7,0 cm/2 ³ / ₄ "	XK 648/31
Ø 11,0 mm	L=10,0 cm/4"	XK 648/41

5 ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

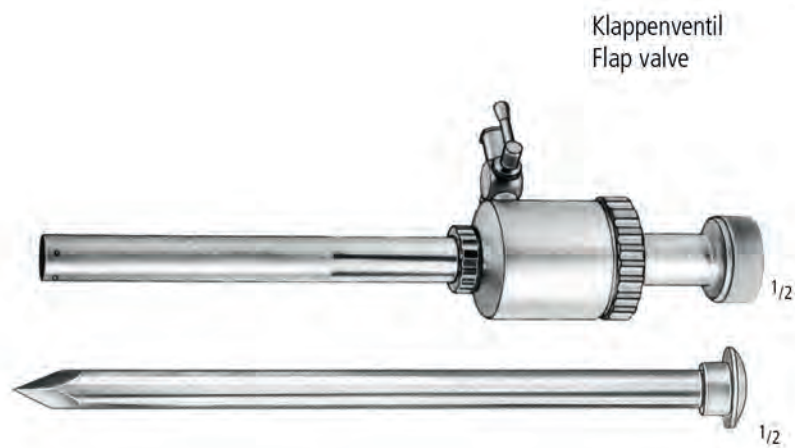
Trokarhülsen und Trokare
Trocar sleeves and trocars
Camisa para trocares y trocares
Trocards à manche et trocards
Manicotti trequarti e trequarti



Satz		
Set		
Ø	3,5 mm	XK 650/03
Ø	5,0 mm	XK 650/05
Ø	5,5 mm	XK 650/06
Ø	10,0 mm	XK 650/10
Ø	11,0 mm	XK 650/11
Ø	12,5 mm	XK 650/12

ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

Trokarhülsen und Trokare
Trocar sleeves and trocars
Camisa para trocares y trocares
Trocards à manche et trocards
Manicotti trequarti e trequarti



Satz
Set

Ø	3,5 mm	XK 652/03
Ø	5,0 mm	XK 652/05
Ø	5,5 mm	XK 652/06
Ø	10,0 mm	XK 652/10
Ø	11,0 mm	XK 652/11
Ø	12,5 mm	XK 652/12

Trokaraufsätze, Reduzierstücke
Trocar stop with thread, Reducers
Tope de trocar con cuerda, Reductores
Stop trocars, Reducteurs
Inserto per trequarti, Riduttore



Ø 5,5 mm
Ø 11,0 mm

XK 700/05
XK 700/11



Ø 5,0 mm
Ø 5,5 mm
Ø 10,0 mm
Ø 11,0 mm
Ø 12,0 mm

XK 702/05
XK 702/06
XK 702/10
XK 702/11
XK 702/12

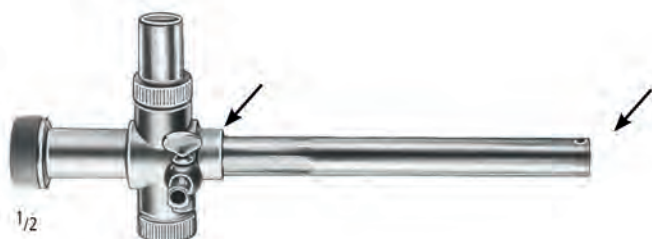


Ø 10,0 mm → 5,5 mm
Ø 11,0 mm → 5,5 mm
Ø 12,5 mm → 5,5 mm
Ø 12,5 mm → 10,0 mm

XK 706/01
XK 706/02
XK 706/03
XK 706/04

ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

Trokarhülsen und Trokare
Trocar sleeves and trocars
Camisa para trocares y trocars
Trocards à manche et trocars
Manicotti trequarti e trequarti



Ø 5,0 mm	XK 750/05
Ø 8,0 mm	XK 750/08
Ø 10,0 mm	XK 750/10
Ø 11,0 mm	XK 750/11
Ø 12,5 mm	XK 750/12



Ø 5,0 mm	XK 751/05
Ø 12,5 mm	XK 751/12
Ø 15,0 mm	XK 751/15
Ø 20,0 mm	XK 751/20



Ø 3,5 mm	XK 760/03	XK 761/03	XK 762/03
Ø 5,0 mm	XK 760/05	XK 761/05	XK 762/05
Ø 5,5 mm	XK 760/06	XK 761/06	XK 762/06
Ø 8,0 mm	XK 760/08	XK 761/08	XK 762/08
Ø 10,0 mm	XK 760/10	XK 761/10	XK 762/10
Ø 11,0 mm	XK 760/11	XK 761/11	XK 762/11
Ø 12,5 mm	XK 760/12	XK 761/12	XK 762/12
Ø 15,0 mm	XK 760/15	XK 761/15	XK 762/15
Ø 20,0 mm	XK 760/20	XK 761/20	XK 762/20



Ø 5,0 mm	XK 763/05
Ø 5,5 mm	XK 763/06
Ø 10,0 mm	XK 763/10
Ø 11,0 mm	XK 763/11
Ø 12,5 mm	XK 763/12



Ø 5,0 mm	XK 765/05
Ø 8,0 mm	XK 765/08
Ø 10,0 mm	XK 765/10
Ø 11,0 mm	XK 765/11



XK 766/05
XK 766/08
XK 766/10
XK 766/11
XK 766/12



XK 766/15
XK 766/20



XK 767/05
XK 767/08
XK 767/10
XK 767/11
XK 767/12
XK 767/15
XK 767/20

Anschlusskabel
Connection cords
Cables de conexión
Câbles de raccordement
Cavi da connessione

monopolar

bipolar



MARTIN / BERCHTOLD

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

XR 828/03
XR 828/05

XR 830/03
XR 830/05

monopolar

bipolar

monopolar

bipolar



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

ERBE
XR 831/13
XR 831/15
(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)

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

1
3
5
7
18
22

Elektroden
Electrodes
Electrodos
Electrodes
Elettrodi

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



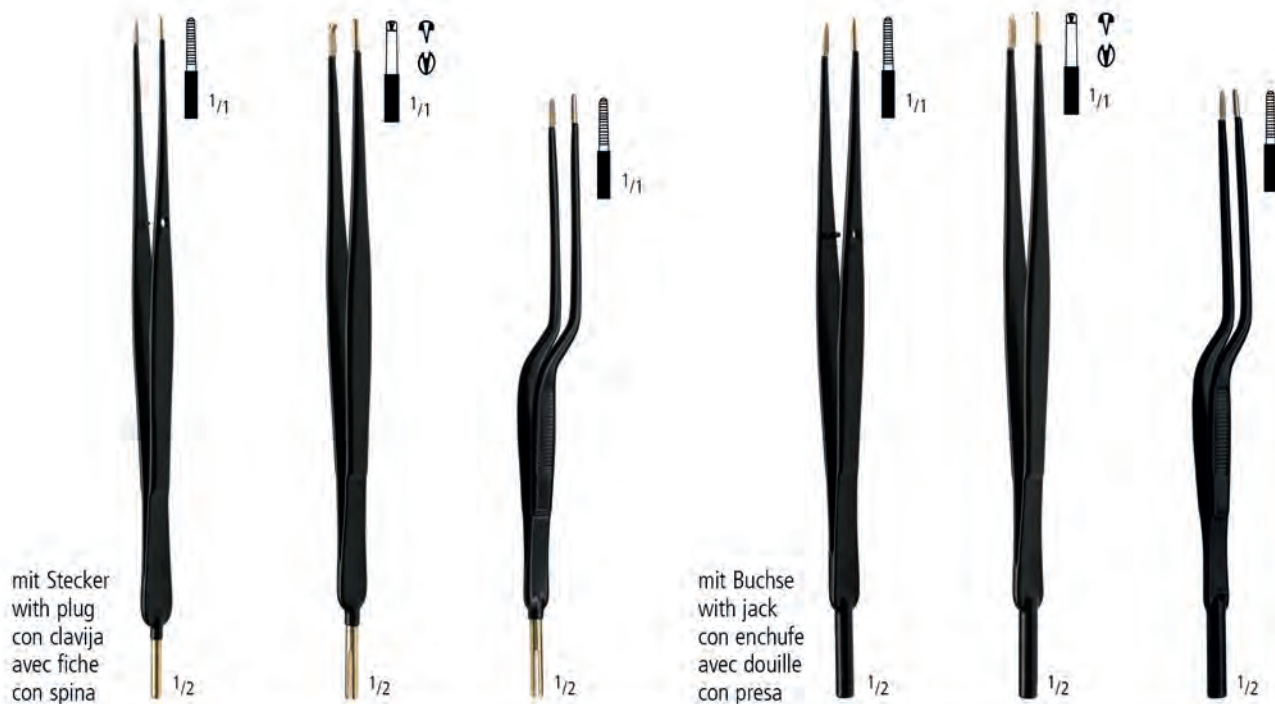
XR 843/09

ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

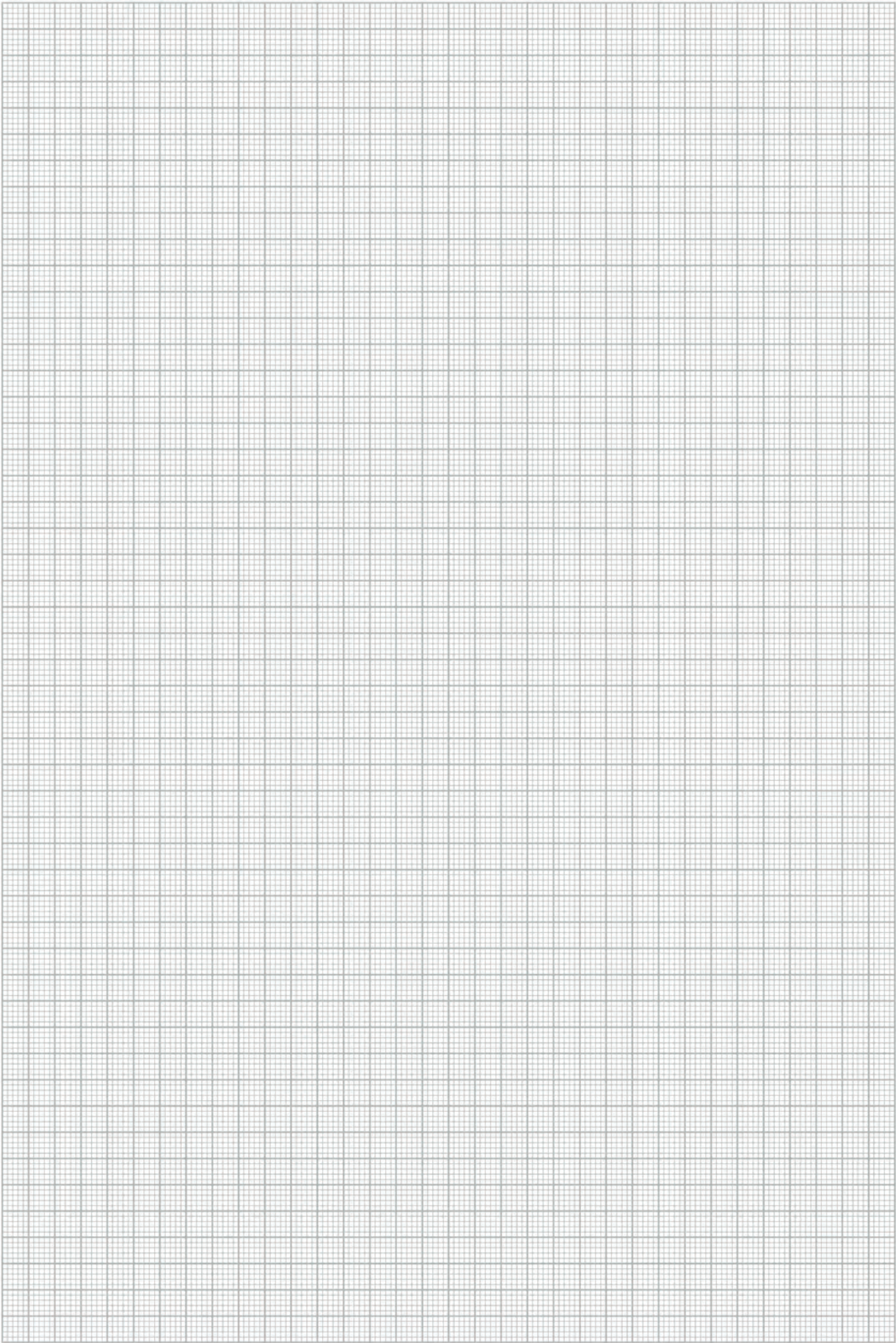
Pinzetten monopolar
Forceps monopolar
Pinzas monopolares
Pincas monopolaires
Pinze monopolari



14,5 cm/5 ³ / ₄ "			XR 882/15
16,0 cm/6 ¹ / ₄ "			XR 882/16
18,0 cm/7"	XR 880/18	XR 881/18	
20,0 cm/8"			XR 882/20
21,0 cm/8 ¹ / ₄ "	XR 880/21	XR 881/21	
25,0 cm/10"	XR 880/25	XR 881/25	



14,5 cm/5 ³ / ₄ "				XR 885/15			XR 888/15
16,0 cm/6 ¹ / ₄ "				XR 885/16			XR 888/16
18,0 cm/7"	XR 883/18	XR 884/18			XR 886/18	XR 887/18	
20,0 cm/8"				XR 885/20			XR 888/20
21,0 cm/8 ¹ / ₄ "	XR 883/21	XR 884/21			XR 886/21	XR 887/21	
25,0 cm/10"	XR 883/25	XR 884/25			XR 886/25	XR 887/25	



ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

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



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

A=2,0 mm

C=1,0 mm



D=0,5 mm

E=Nadel

F=Profil



11,0 cm/4 1/3"	XR 898/11 D	XR 899/11 D
11,0 cm/4 1/3"	XR 898/11 E	XR 899/11 E

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



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

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

XT 060/18	Ø 6,0 mm, 180 cm
XT 060/23	Ø 6,0 mm, 230 cm
XT 060/30	Ø 6,0 mm, 300 cm

Kaltlicht-Grundkabel Basic fibre optic cable

- >> Zusätzliche Isolierung
- >> Metallspirale
- >> Silikonmantel
- >> Sterilisierbar
- >> 48-Stunden Reparatur-Service

- >> Additionally insulated
- >> Metal spiral
- >> Silicon tube
- >> Autoclavable
- >> 48-hour repair-service

Adapter
Adapter
Adaptador
Adaptateur
Adattatore

Projektor-Seite
Projector side

Endoskop-Seite
Endoscope side

XT 100/01



STORZ



STORZ/WINTER + IBE
OPLYMPUS/STRYKER

XT 100/11

XT 100/02



WOLF/HENKE-SASS



WOLF/HENKE-SASS

XT 100/12

XT 100/03



ACM/HEINE



ACM/HEINE

XT 100/13

XT 100/04



WINTER + IBE

XT 100/05



OPLYMPUS

Bestellinformation / Ordering information

>> Bitte bestellen Sie Kaltlicht-
grundkabel mit 2 Adaptern

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

Kaltlichtquellen
Cold light sources
Fuente de luz fría
Source à lumière froide
Sorgente luce fredda

nopa® light halogen 2 x 250W future 100



XT 170/00 = 110 - 230 VAC

XT 169/00 = Ersatzlampe
Spare bulb
Bombilla de recambio
Lampe de rechange
Lampadina di ricambio

nopa light halogen 2 x 250W

Beschreibung XT 170/00

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

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

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

Technische Daten

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

Zubehör

Lampe XT 169/00:	250 Watt Halogen
------------------	------------------

nopa light halogen 2 x 250W

Description XT 170/00

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

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

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

Technical data

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

Accessories

Bulb XT 169/00:	250 Watt Halogen
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Kaltlichtquellen
Cold light sources
Fuente de luz fria
Source à lumière froide
Sorgente luce fredda

nopa® light halogen 2 x 250W future 100 duo

XT 171/00 = 110 - 230 VAC

XT 169/00 = Ersatzlampe
Spare bulb
Bombilla de recambio
Lampe de rechange
Lampadina di ricambio



nopa light halogen 2 x 250W

Beschreibung XT 171/00

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

Alle modernen Autoshutter-Videokameras werden mit ausreichender Lichtzufuhr versorgt. Zwei Lampen - zwei umschaltbare Ausgänge.

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

Technische Daten

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

Zubehör

Lampe XT 169/00:	250 Watt Halogen
------------------	------------------

nopa light halogen 2 x 250W

Description XT 171/00

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

All modern autoshutter-videocameras will be supplied with sufficient light-intensity, the second lamp serves as stand-by.
Two bulbs - two outlets switchable.

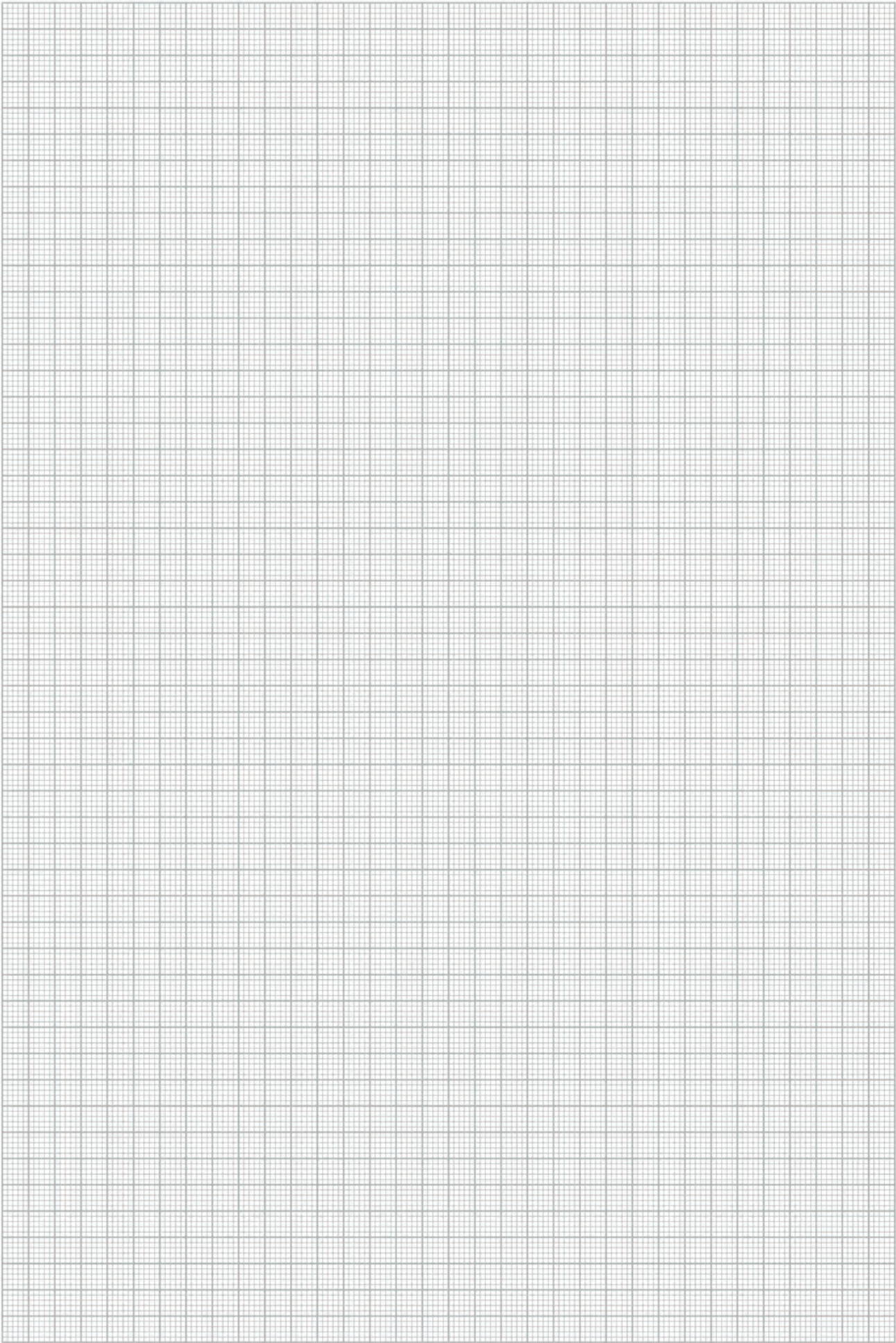
Special temperature-filters guarantee long life of light cables and optimal light output. The nopalight halogen 2 x 250 W lightsource is approved by MedGV.

Technical data

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

Accessories

Bulb XT 169/00:	250 Watt Halogen
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Kaltlichtquellen
Cold light sources
Fuente de luz fría
Source à lumière froide
Sorgente luce fredda

nopa® light xenon future 200 180W

XT 205/00 = 110-230 VAC/50-60 Hz

XT 204/00 = Ersatzlampe
Spare bulb
Bombilla de recambio
Lampe de rechange
Lampadina di ricambio



nopa light xenon 180W

Beschreibung XT 205/00

Die nopalight xenon 180 Watt Lichtquelle kann bei allen Einsätzen angewendet werden, besonders dann, wenn eine starke Ausleuchtung oder eine Videoaufzeichnung notwendig ist.

Alle modernen Autoshutter-Videokameras werden mit ausreichender Lichtzufuhr versorgt. Die hohe Lichtausgangsleistung sorgt für absolut weißes Licht >5600°K und somit für detailgetreue Farbwiedergabe.

Unsere spezielle Lampenkonstruktion mit geringster Wärmeentwicklung führt zu absolut kaltem Licht und verhindert eine thermische Beschädigung der Lichtleiter.

Weitere Vorteile: Geringe Luftverwirbelungen, geringe Geräuschentwicklung, umweltfreundliche Lampe, einfachster Lampenwechsel.

Technische Daten

Elektr. Versorgung:	110-230 VAC/50-60Hz Weltnetzteil
Farbtemperatur:	> 5600° K
Maße (B x H x T):	355 x 110 x 320 mm
Gewicht:	ca. 9,5 kg

Zubehör

Lampe XT 204/00:	180 Watt Xenon
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nopa light xenon 180W

Description XT 205/00

The nopalight xenon 180 watt light source can be used for all occasions particularly where strong illumination or a video recording is necessary.

All modern autoshutter videocameras are supplied with sufficient light. The high light output ensures absolute white light >5600° K and thus detail fidelity in colour reproduction.

Our special lamp construction which has the lowest of heat generation leads to absolute cold light and prevents thermal damage to the light conductor.

Further advantages are low air turbulence, low noise level, environmentally friendly lamp and very easy bulb replacement.

Technical data

Power supply:	110-230 VAC/50-60Hz world power supply
Colour temperature:	> 5600° K
Measurements (W x H x D):	355 x 110 x 320 mm
Weight:	approx. 9,5 kg

Accessories

Bulb XT 204/00:	180 Watt Xenon
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Kaltlichtquellen
Cold light sources
Fuente de luz fría
Source à lumière froide
Sorgente luce fredda

nopa® light xenon future 300 300W



XT 210/00 = 110-230 VAC/50-60 Hz

XT 209/00
Ersatzlampe
Spare bulb
Bombilla de recambio
Lampe de rechange
Lampadina di ricambio

nopa light xenon 300 W

Beschreibung XT 210/00

Die nopalight xenon 300 Watt Lichtquelle kann bei allen Einsätzen angewendet werden, besonders dann, wenn eine starke Ausleuchtung oder eine Videoaufzeichnung notwendig ist.

Alle modernen Autoshutter-Videokameras werden mit ausreichender Lichtzufuhr versorgt. Die hohe Lichtausgangsleistung sorgt für absolut weißes Licht >5600°K und somit für detailgetreue Farbwiedergabe.

Unsere spezielle Lampenkonstruktion mit geringster Wärmeentwicklung führt zu absolut kaltem Licht und verhindert eine thermische Beschädigung der Lichtleiter.

Weitere Vorteile: Geringe Luftverwirbelungen, geringe Geräuschentwicklung, umweltfreundliche Lampe, einfachster Lampenwechsel.

Technische Daten

Elektr. Versorgung:	110-230VAC/50-60Hz Weltnetzteil
Farbtemperatur:	> 5600° K
Maße (B x H x T):	355 x 110 x 320 mm
Gewicht:	ca. 11,5 kg

Zubehör

Lampe XT 209/00: 300 Watt Xenon

nopa light xenon 300 W

Description XT 210/00

The nopalight xenon 300 watt light source can be used for all occasions particularly where strong illumination or a video recording is necessary.

All modern video camera automatic shutters are supplied with sufficient light. The high light output ensures absolute white light > 5600° K and thus detail fidelity in colour reproduction.

Our special lamp construction which has the lowest of heat generation leads to absolute cold light and prevents thermal damage to the light conductor.

Further advantages are low air turbulence, low noise level, environmentally friendly lamp and very easy bulb replacement.

Technical data

Power supply:	110-230VAC/50-60Hz world power supply
Colour temperature:	> 5600° K
Measurements (W x H x D):	355 x 110 x 320 mm
Weight:	approx. 11,5 kg

Accessories

Bulb XT 209/00: 300 Watt Xenon

nopa[®] cam digital camera system

immersible
soakable

PAL/SECAM		
XT 301/00	=	XT 310/00 Netzkabel/mains cord
		XT 320/01 Kamerakopf inkl. Kabel 3,8 m, einlegbar camera head incl. cable 3,8 m, immersible
		XT 320/02 Kameraprozessor / camera control unit
		XT 344/02 Kabel/cable S-VHS
		XT 346/00 Kabel/cable BNC
NTSC		
XT 301/01	=	XT 310/00 Netzkabel/mains cord
		XT 320/03 Kamerakopf inkl. Kabel 3,8 m, einlegbar camera head incl. cable 3,8 m, immersible
		XT 320/04 Kameraprozessor/camera control unit
		XT 344/00 Kabel/cable S-VHS
		XT 346/00 Kabel/cable BNC

**Beschreibung XT 301/00 / XT 301/01**

nopa cam m ist die konsequente Weiterentwicklung unseres Kamerasystems. Neben allen früheren Funktionen wurden weitere Spezialfunktionen realisiert. Eine integrierte Steuerung externer Geräte (Videorecorder, Drucker) sowie die Lichtverstärkung können mittels zwei Funktionstasten direkt am Kamerakopf aktiviert werden.

Die Kamera ist mit digitaler Kontrast- und Farbsteuerung ausgestattet. Ebenfalls verfügt sie über einen digitalen anti-moiré Filter für den Gebrauch mit flexiblen Endoskopen.

Die Kamera arbeitet optimal mit starren wie auch flexiblen Endoskopen. Selbstverständlich ist der Kamerakopf einlegbar.

Description XT 301/00 / XT 301/01

nopa cam m is the consequent improvement of our camera system. Besides all the previous functions further special functions have been realized. An integrated control of peripheral devices (VCR, printer), as well as the Gain Control can be operated with the help of two buttons directly from the camera head.

Our camera is equipped with digital contrast and colour control and a digital anti-moiré filter for use with flexible endoscopes.

The camera serves both rigid and flexible endoscopes optimally. Of course the camera head is fully immersible.

Technische Daten

XT 301/00 PAL - XT 301/01 NTSC

CCD Sensor:	1/3" Chip
Video-Auflösung:	750 horizontale Bildlinien
Minimale Beleuchtung:	0,9 Lux
Video-Ausgang:	FBAS oder Y/C (S-VHS)
Elektr. Versorgung:	100/115VAC und 230/240VAC
Gewicht:	2 kg

Weiteres Zubehör

XT 301/02 Kamera mit C-Mount Gewinde PAL
XT 301/03 Kamera mit C-Mount Gewinde NTSC
XT 306/00 Bildteiler

XT 361/40 Zoom Adapter 15 - 25 mm
XT 361/50 Zoom Adapter 25 - 40 mm
verwendbar mit XT 301/02 und XT 301/03

Technical data

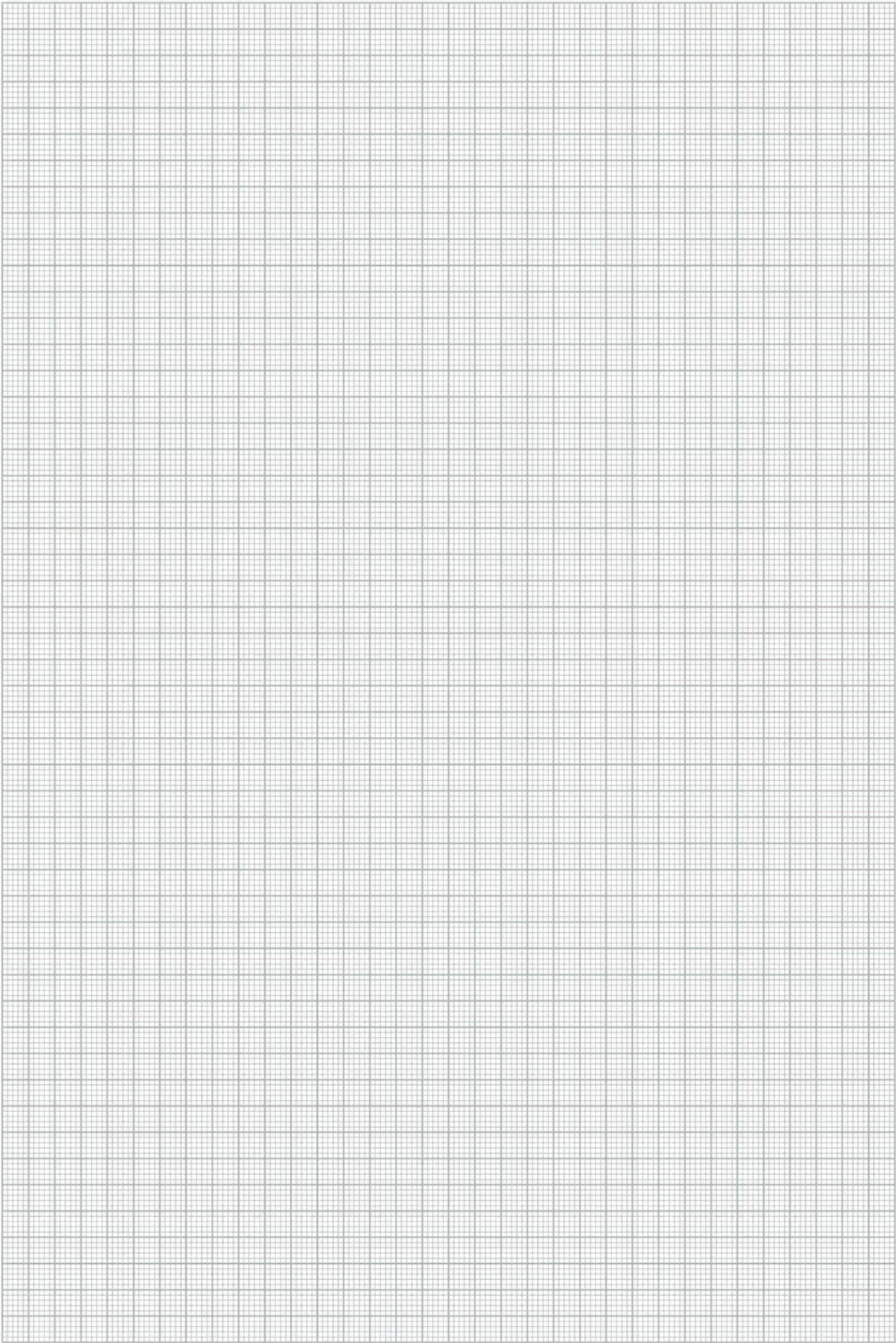
XT 301/00 PAL - XT 301/01 NTSC

CCD sensor:	1/3" Chip
Video resolution:	750 horizontal lines
Minimal illumination:	0,9 Lux
Video output:	FBAS or Y/C (S-VHS)
Power supply:	100/115VAC and 230/240VAC
Weight:	2kg

Optional accessories

XT 301/02 camera with C-mount adapter PAL
XT 301/03 camera with C-mount adapter NTSC
XT 306/00 beam splitter

XT 361/40 Zoom adapter 15 - 25 mm
XT 361/50 Zoom adapter 25 - 40 mm
to use with XT 301/02 and XT 301/03



nopa[®] cam digital camera system

immersible soakable 3 - chip

PAL/SECAM

XT 305/00	=	XT 310/00	Netzkabel/mains cord
		XT 320/05	Kamerakopf inkl. Kabel 4,0 m, einlegbar/ camera head incl. cable 4,0 m, immersible
		XT 330/05	Kameraprozessor/camera control unit
		XT 340/05	Objektiv/Objective lens
		XT 344/05	Kabel/cable S-VHS
		XT 365/25	Adapter, Optomech. Microfocus 28 mm (C-Mount)

NTSC

XT 305/01	=	XT 310/00	Netzkabel/mains cord
		XT 325/05	Kamerakopf inkl. Kabel 4,0 m, einlegbar/ camera head incl. cable 4,0 m, immersible
		XT 335/05	Kameraprozessor/camera control unit
		XT 340/05	Objektiv/Objective lens
		XT 344/05	Kabel/cable S-VHS
		XT 365/28	Adapter, Optomech. Microfocus 28 mm (C-Mount)

**Beschreibung XT 305/00 / XT 305/01**

Das nopa cam camera system future 500 ist ein hochentwickeltes 3-Chip Kamerasystem und für alle endoskopischen Eingriffe einsetzbar.

Ausgezeichnete Bildqualität, scharfe Bildzeichnung und Klarheit werden durch die drei 1/3" CCD-Chips gewährleistet.

Die optimale Bilddarstellung aufgrund eines hochempfindlichen Mikro-Linsen-Chip sowie einer äußerst schnellen Blende wird auch unter schwierigsten Beleuchtungsbedingungen sichergestellt. Der leichte, kompakte Kamerakopf ist äußerst ergonomisch und einlegbar. Alle Adapter und Coupler mit einem C-Mount-Gewinde können angeschlossen werden. Der automatische Weißabgleich wird durch Schalldruck aktiviert und ist im Memory gespeichert.

Zusätzlich bietet das System eine "window"-Funktion um unter extremen Lichtverhältnissen eine gute Bilddarstellung zu garantieren. Größe und Einstellung dieses Spezial-Focus werden über den Druckschalter aktiviert und auf dem Monitor angezeigt.

Aufgrund des hohen Automatisierungsstandards der nopa cam future 500 ist das Kamerasystem sehr bedienerfreundlich. Kamerakopf und Kabel sind einlegbar.

Technische Daten

XT 305/00 PAL - XT 305/01 NTSC

CCD Sensor:	3 x 1/3" Chip (3 x 440000 pixel)
Video-Auflösung:	über 750 Linien
Elektronische Blende:	max. 1/2000000 sec.
Minimale Beleuchtung:	3 Lux F1.4
Video Ausgang:	FBAS, Y/C (S-VHS), RGB
Elektr. Versorgung:	110/115VAC - und 230/240VAC
Gewicht:	3,5 kg

Weiteres Zubehör

XT 365/15	Adapter optomechanisch microfocus 15 mm
XT 365/21	Adapter optomechanisch microfocus 21 mm
XT 365/35	Adapter optomechanisch microfocus 35 mm
XT 364/10	Microfocus-Adapter, flexibel Pentax
XT 366/10	Microfocus-Adapter, flexibel Olympus
XT 368/10	Microfocus-Adapter, flexibel Fujinon

Bei Bestellung bitte Netzspannung angeben.

Description XT 305/00 / XT 305/01

The nopa cam camera system future 500 is a highly developed three chip camera system which can be used for all operations performed with endoscopes. Excellent picture quality, sharp picture delineation and clarity are guaranteed by the three 1/3" CCD chips.

Optimal picture presentation is ensured by a highly sensitive micro-lens chip with an extremely rapid diaphragm even under difficult lighting conditions. The light, compact camera head is ergonomic and immersible. All adapters and couplings with a C-mount thread can be connected. The automatic white compensation is activated by press button and is stored in the memory.

The system additionally offers a "window" function to ensure a good picture representation under extreme lighting conditions. The magnitude and setting of this special focus are activated by press button and displayed on the monitor screen.

The nopa cam future 500's high standard of automatic operation makes this camera system extremely easy to operate. The camera head and cable can be immersed.

Technical data

XT 305/00 PAL - XT 305/01 NTSC

CCD sensor:	3 x 1/3" chip (3x 440000 pixel)
Video resolution:	more than 750 lines
Electronic shutter:	max. 1/2000000 sec.
Minimal illumination:	3 Lux F1.4
Video output:	FBAS, Y/C (S-VHS), RGB
Power supply:	110/115VAC - and 230/240VAC
Weight:	3,5 kg

Optional accessories

XT 365/15	Adapter optomechanical microfocus 15 mm
XT 365/21	Adapter optomechanical microfocus 21 mm
XT 365/35	Adapter optomechanical microfocus 35 mm
XT 364/10	Microfocus-adapter, flexible Pentax
XT 366/10	Microfocus-adapter, flexible Olympus
XT 368/10	Microfocus-adapter, flexible Fujinon

Please indicate the voltage when placing the order.

Gelenkarmsystem mit zentraler Schnellfixierung
 Articulated arm with quick central fixation
 Sistema de brazo articulado con fijación rápida central
 Système de bras articulé avec fixation rapide central
 Sistema a braccio articolato con fissaggio rapido centrale

Halterungen
 Holding fixtures

Gelenkarm
 Articulated arm

Säulen
 Columns

Klemmsockel
 Clamping socket



Komplett kurz / short complete

XU 650/01 = XU 650/13
 XU 650/40
 XU 651/01
 XU 651/12

Komplett lang / long complete

XU 650/02 = XU 650/13
 XU 650/55
 XU 651/02
 XU 651/12

Zubehör auf Seite 343
 Accessories on page 343

ENDOSKOPIE ENDOSCOPY ENDOSCOPIA ENDOSCOPIE ENDOSCOPIA

Gelenkarmsystem mit zentraler Schnellfixierung
Articulated arm with quick central fixation
Sistema de brazo articulado con fijación rápida central
Système de bras articulé avec fixage rapide central
Sistema a braccio articolato con fissaggio rapido centrale

Halterungen Holders



XU 650/11
Kombi Instrumentenhalter
Combined Instrument holder



XU 650/12
Ø 4 mm Optikhalter
Ø 4 mm Optic holder

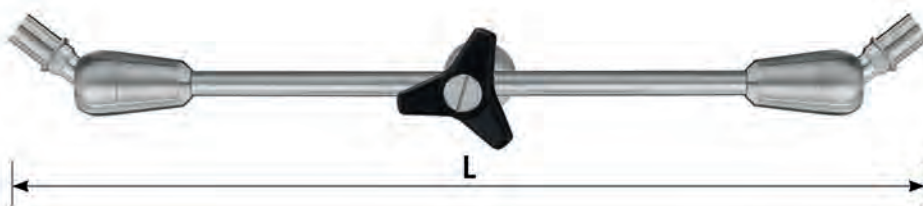


XU 650/13
Ø 5 mm/10 mm Optikhalter
Ø 5 mm/10 mm Optic holder



XU 650/14
Ø 8 mm Optikhalter
Ø 8 mm Optic holder

Gelenkarme Articulated arms



XU 650/40
L = 400 mm M8/M12x1 Ø 16 mm

XU 650/55
L = 550 mm M8/M12x1 Ø 16 mm

Säulen Columns



XU 651/01 Ø 16 mm 300 mm
XU 651/02 Ø 16 mm 400 mm



XU 651/03
Ø 16 mm 450 mm x 100 mm



XU 651/04
Ø 16 mm 266 x 300 x 116 mm

Klemmsockel Clamping socket



XU 651/11
Universalsockel
Universal clamp



XU 651/12
Schienensockel
Rails clamping socket



XU 651/13
Isolierter Schienensockel
Insulated rails clamping socket

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