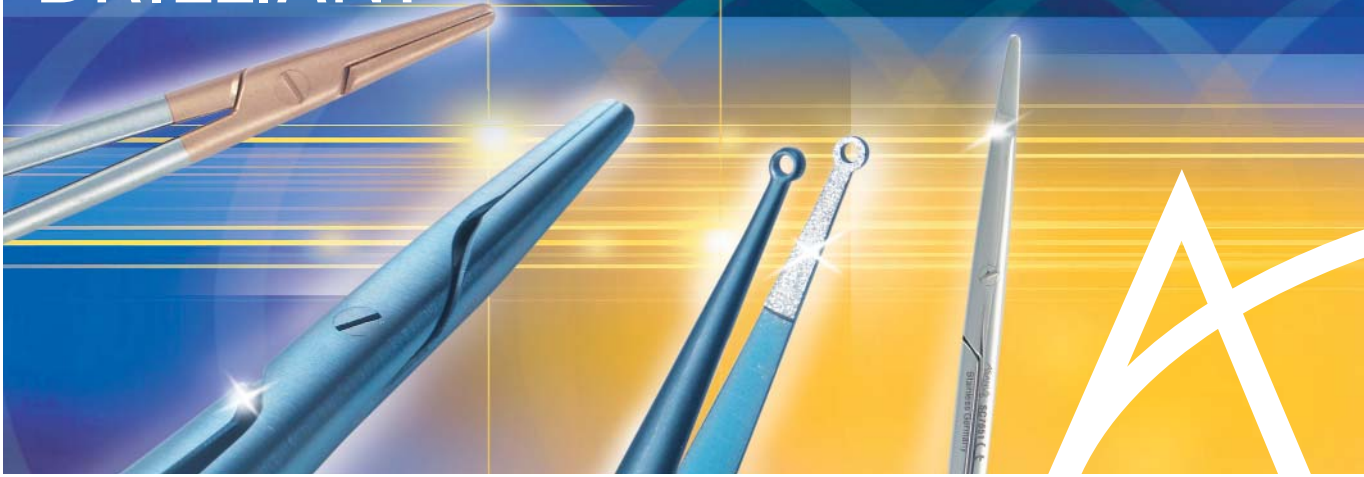
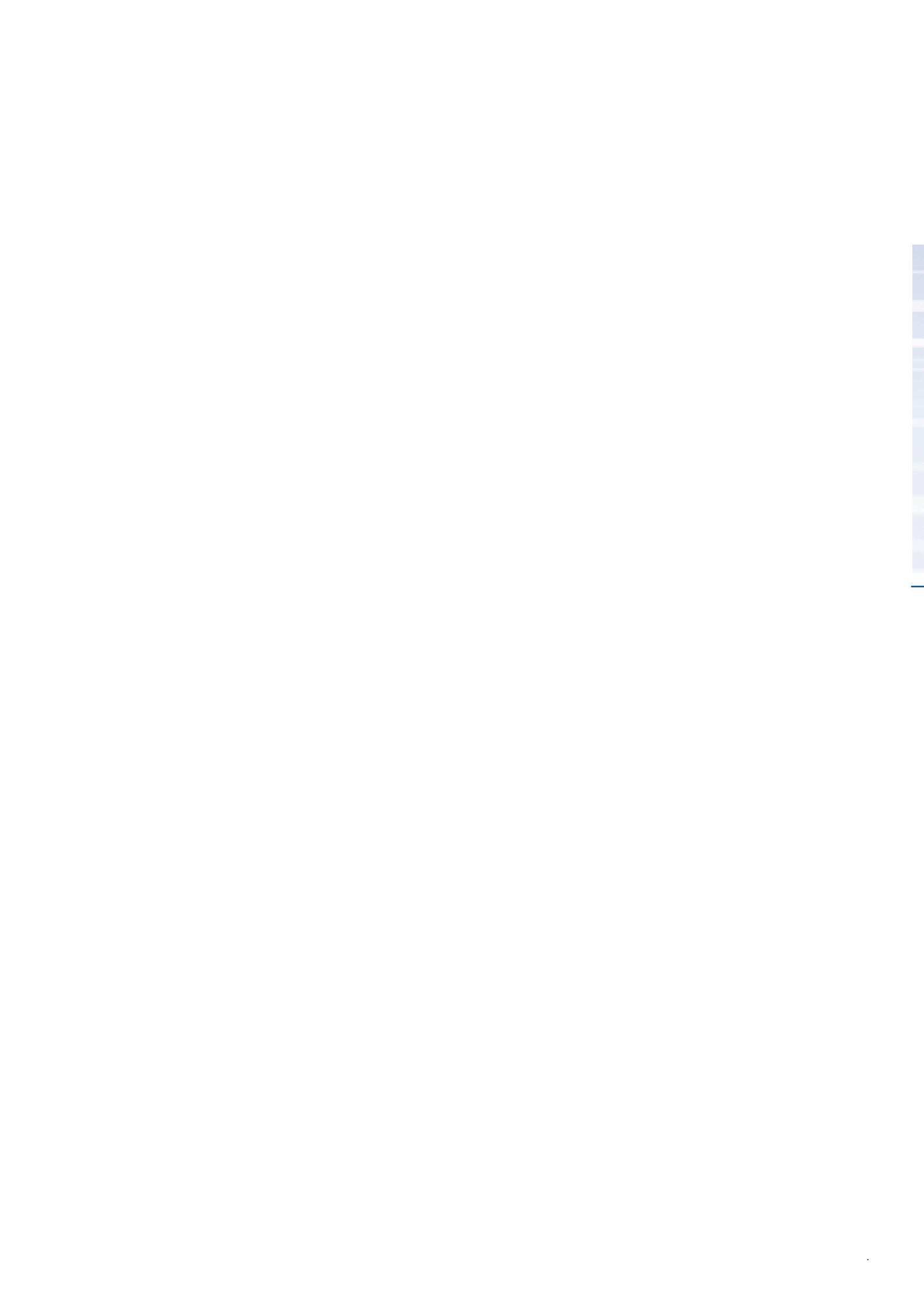


BRILLIANT™



FOR THE  
BEST SURGEONS

**ASANUS**®  
MEDIZINTECHNIK





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Nachdruck, auch auszugsweise, ist verboten.  
*Reprinting even partially is not allowed.*



ASANUS ist ein leistungsstarker Komplettanbieter von mehr als 18.000 verschiedenen chirurgischen und minimalinvasiven Instrumenten für die Gebiete der Allgemein- und Viszeralchirurgie, Herz-Thorax Chirurgie, Gefäßchirurgie, Urologie, Gynäkologie, Orthopädie, Traumatologie, Mikrochirurgie, Neurochirurgie und Ophthalmologie.

Mit der Entwicklung branchenspezifischer Software für das Sterilgutmanagement, die Logistik und das Qualitätsmanagement verbunden mit der ganzheitlichen Dienstleistung im Prozessmanagement von Sterilgut hat ASANUS sein Leistungsspektrum im operativen Bereich ausgebaut und entsprechend den Marktbedürfnissen angepasst.

#### Entstehung

1998 gründete Armin Schorer die Firma ASANUS mit der Vision ein leistungsstarker Partner in der Medizintechnik für Sie zu werden. Der Begriff ASANUS bedeutet im lateinischen HIN ZUR GESUNDHEIT. Er setzt sich aus den Buchstaben „A“ wie „hinzu“ und dem Wort „SANUS“ wie „Gesundheit“ zusammen.

Der Gedanke in der Medizin Neues zu schaffen und die vielen Ideen von Praktikern aus dem Ärzte- und Pflegebereich schnell in Ihrem Sinne zu verwirklichen hat den Gründer maßgeblich dazu bewegt, ASANUS ins Leben zu rufen.

Mehr als 20 Jahre war Armin Schorer bereits in der Medizintechnik tätig und hatte wertvolle Erfahrungen bei weltweit operierenden, renommierten und namhaften Unternehmen sammeln können. Mit diesem soliden Fundament an Erfahrung und einem hervorragenden Mitarbeiterstamm konnte sich ASANUS von Anfang an einen Platz als Ausrüster chirurgischer Instrumente in der Medizintechnik sichern. Es ist uns ein wichtiges Anliegen, das bereits Geschaffene weiter für Sie und in Ihrem Sinne auszubauen. Mit über 18.000 verschiedenen chirurgischen Instrumenten nahezu für jeden operativen Fachbereich sind wir Komplettanbieter für den operativen Bereich im chirurgischen Instrumentarium. Neben den technischen Produkten bieten wir Ihnen ausgereifte Software für Ihre Logistik und das Qualitätsmanagement im Gesundheitswesen an. Im Einklang von Produkten und unserer Software sind wir in der Lage schnell und präzise für Sie Siebsichtungen, Reorganisationen und wertvolle Wirtschaftsanalysen im Instrumentenmanagement durchzuführen.

Im Einklang zwischen hohem handwerklichem Können und dem Einsatz modernster computergesteuerter Produktionstechnik liefern wir heute Produkte in alle Teile der Welt, die zur Heilung erkrankter Menschen dienen.

Mit diesem Auftrag leisten wir einen wertvollen Beitrag im Gesundheitswesen und freuen uns darauf, auch Ihnen unsere Leistungen zur Verfügung stellen zu können.

*ASANUS is a powerful complete supplier for more than 18,000 different surgical and minimum-invasive instruments for the areas visceral surgery, cardio thoracic surgery, vascular surgery, urology, gynecology, orthopedics, traumatology, microsurgery, neurosurgery and ophthalmology.*

*With the development of sectoral software for sterile products management, the logistics and the quality management linked with the integral service in the process management of sterile goods ASANUS has developed his business activities in the surgical area and has adapted according to the market needs.*

#### History

*In 1998 Armin Schorer founded the company ASANUS with the vision of becoming a highly competitive partner in the medicine technology for you. The word ASANUS means in Latin "THERE TO THE HEALTH". He subjoins himself from the letters "A" for "there to" and the word "SANUS" for "health" together.*

*The thought to create something new in the medicine and to realize many ideas of experts from the doctor's and nursing area fast in their sense has moved the founder decisively to bring ASANUS to life.*

*More than 20 years Armin Schorer was already active in the medicine technology and had been able to collect valuable experiences at worldwide operating, renowned and namable enterprises. With this solid foundation in experience and excellent members of staff ASANUS could fortify itself as a supplier of surgical instruments in the medicine technology from the outset. For us it is an important concern to develop the already created further for you in your sense. With more than 18,000 different surgical instruments nearly for every surgical department we are a complete supplier for the surgical area in the surgical instruments. Besides technical products we offer you an well engineered software for your logistic and quality management in the health service. In the harmony of products and our software we are in the situation and to carry out quick siftings, re-organisations and valuable economic analyses in the instrument management exactly for you.*

*Today in the harmony between high craft skill and the application of the most modern computer-controlled production technology we deliver products in all parts of the world which are used for the healing of ill people.*

*With this order we achieve a valuable contribution in the health care and we are glad to be able to provide you also with our benefits.*

**“Der Mensch steht im Mittelpunkt unserer Leistung”**

In diesem Sinne gehen wir bei ASANUS mit allen Leistungen und der Fertigung unserer Produkte, einschließlich unserem Service, um.

Fachmännische Fertigung in höchstmöglicher Präzision sind die Basis unserer chirurgischer Instrumente.

Chirurgiemechaniker mit sensibler Feinmotorik fertigen in traditioneller Weise unsere chirurgischen Qualitätsinstrumente von ausgewählten Materialien in bester Qualität. Der präzise Gang, die Maulführung, die Weichheit und Elastizität oder auch eine strikte kraftvolle Führung der ASANUS Instrumente wird von handwerklich erfahrenden Fertigungsspezialisten stets im Einklang der Liebe zum Produkt garantiert.

Die ASANUS Instrumente durchlaufen eine weit über den Normen liegende Qualitätskontrolle, wo alle spezifischen Details auf die jeweiligen Instrumententypen abgestimmt, exakt auf die Anforderungen der entsprechenden Qualitätsansprüche professioneller Chirurgen kontrolliert werden.

Die ASANUS Medizinprodukte werden seit der Gründung nach diesen strengen Maßgaben hergestellt.

Dieser Standard wurde bei ASANUS mit der Zertifizierung nach DIN ISO 9001, EN 13485 unter hohen Maßstäben von Anfang an konsequent umgesetzt und unterliegt auch heute ständig einem regelmäßigen Audit.

ASANUS lebt Qualität

**“Man is in center of our performance”**

*This philosophy underlies all our activities at ASANUS, the manufacture of our products and the services we provide for you.*

*Production distinguished by superior craftsmanship and maximum precision is at the heart of our surgical instruments.*

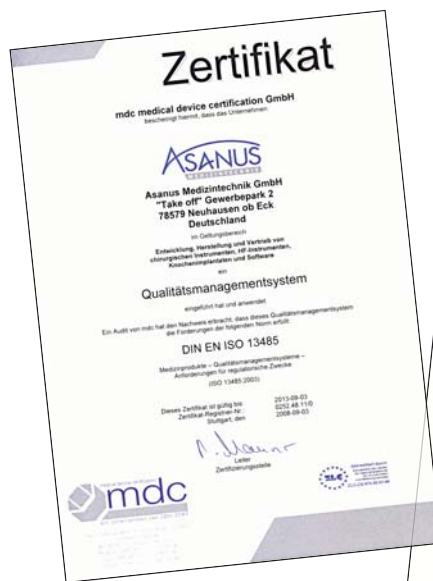
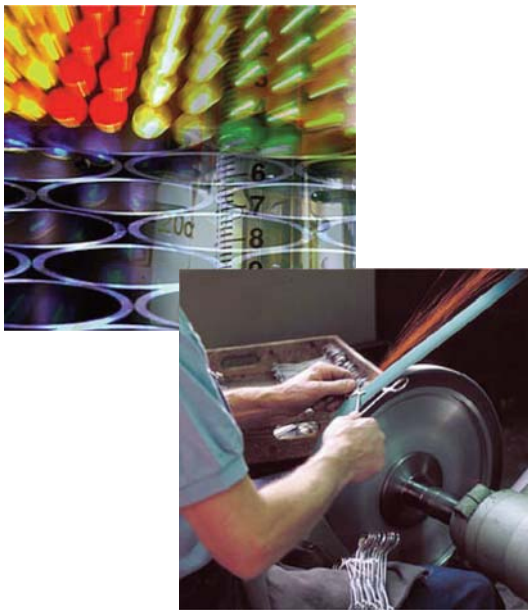
*With acutely-sensitive dexterity and fine motor skills, surgical mechanics employ traditional methods to fashion our quality surgical instruments from select materials of the finest quality. Precision operation and jaw guidance, smoothness and flexibility or absolute, vigorous application of ASANUS instruments are guaranteed by experienced production specialists of an impeccable technical pedigree with a passion for our products.*

*ASANUS instruments are subjected to quality control which far exceeds the expectations of standards. Every specific detail is adapted to suit the particular instrument type and inspected to ensure precise conformity to the requirements and quality expectations of professional surgeons.*

*ASANUS medical products have been manufactured according to these strict specifications since the establishment of the company.*

*Through DIN ISO 9001, EN 13485 certification and the highest of benchmarks, this standard has been consistently implemented right from the start at ASANUS, with regular audits ensuring its maintenance.*

ASANUS - we live quality



### SEHR LEICHT

- 45% leichter als rostfreie Stahlinstrumente.
- bietet ermüdungsfreies Arbeiten für den Chirurgen für die langen Operationen unter dem Mikroskop
- ist elastisch und weicher als vergüteter Stahl und bietet permanentes hochpräzises Arbeiten für den Chirurgen und verringert somit beim Fassen von Gefäßen deren Traumatisierung.

### LIGHT WEIGHT

- 45 % lighter than stainless steel instruments.
- enables tireless working for the surgeon for long operations under the microscope
- offers permanently high precision to the operating surgeon and may therefore reduce traumatisation of delicate vessels and arteries

### ANTIMAGNETIC

Titan ist antimagnetisches Material. Mit den Blue-Line Titan-nadelhalter können Sie problemlos ohne magnetisierende Einwirkung mit Mikronähnadeln nähen. Ein sicheres und gefühlvolles Arbeiten bietet Ihnen Titan.

### ANTIMAGNETIC

Titanium is an antimagnetic material. It avoids sticking of the needle holder to the stainless suture needles. This allows an optimal, secure and continuous working.

### KEIN ROST – LANGLEBIG

Titan Material und demzufolge Titaninstrumente haben die Eigenschaft, nicht zu rosten.

### NO RUST – LONG LIFE

Titanium- material and instruments does not rust. You will never have problems with rust.

### PFLEGE UND REINIGUNG

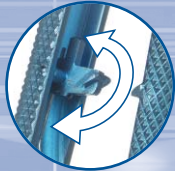
Titan Instrumente sind generell sehr pflege- und reinigungs-freundlich. Die Titan Instrumente können in handelsüblichen Reinigungsmittel für herkömmliche Stahlinstrumente gereinigt werden. Nach dem Einsatz sollten die Instrumente gründlich vorgereinigt und gespült werden. Wir empfehlen hierzu speziell für die Mikroinstrumente und Diamantmesser unser Dampfreinigungsgerät Art. Nr. ST 9000. Auf Anfrage bieten wir Ihnen auch Reinigungsmittel für chirurgische Instrumente an. Vor der Sterilisation empfehlen wir kurzes Einölen mit unserem „STERISOFT“ Art.Nr.OL 5000.

### MAINTENANCE/CLEANING

Titanium instruments are principally very easy to clean and maintain. Titanium instruments may be cleaned with usual detergent for surgical instruments. Please rinse the instruments after usage. Herefore we recommend especially for all Micro Instruments and Diamond knives our steam cleaner unit item no. ST 9000. On request we offer you cleaning fluid for the instruments too. Before sterilisation we recommend to oil the surgical instruments with our „STERISOFT“ item no. OL 5000.



## ASANUS TITAN-NADELHALTER MIT MULTI - LOCK SYSTEM MIKRONADELHALTER – EINER FÜR ZWEI

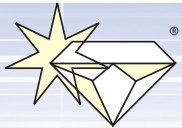


Die ASANUS Multi - Lock Nadelhalter können mit Sperre oder ohne Sperre eingesetzt werden und intraoperativ umgestellt werden, zum Beispiel zum Anreichen von Nahtmaterial und späterem Nähen. Ohne Sperre ist dies eine ideale Lösung für Sie. Dies verhindert Herunterfallen von Nahtmaterial während des Anreichens. Oder wenn ein Operateur ohne Sperre und ein anderer mit Sperre arbeiten will bietet der ASANUS Nadelhalter beides in einem. Keine Sperrenprobleme mehr durch Verstellen der herkömmlichen Sperrfedern!!

## ASANUS TITANIUM NEEDLEHOLDER WITH MULTI - LOCK SYSTEM MICRO NEEDLE HOLDER – ONE FOR TWO

ASANUS Multi - Lock needle holder can be used with lock or without lock. The removable lock allows a surgeon intraoperative changing of the lock system. For example when the nurse handles the suture with the closed lock, the surgeon can remove the lock during operation easily. Or one surgeon likes to work with lock and the other one without lock. ASANUS Multi-Lock System gives you these opportunities. No-lock problems with an easy and secure closing mechanism.

## DIAMOND DUSTED



Die qualitativ sehr hochwertige DIAMOND DUSTED Beschichtung besteht aus extrem feinen metallurgischem Partikelgemisch welche eine sehr feine und hochwertige atraumatische Arbeitsoberfläche bietet.

- Zum Beispiel
- für die Pinzetten zum schonenden und atraumatischen Halten von feinstem Gewebe und Gefäßen und Nahtmaterial beim Knüpfen
  - Mit ASANUS-Mikronadelhaltern kann Nahtmaterial bis in die feinsten Größen schonend und griffig genäht werden.

## DIAMOND DUSTED

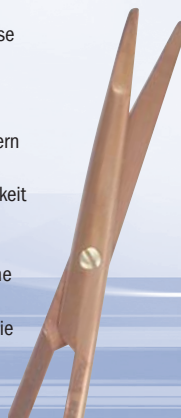
Finest metallurgically bonded particles create a fine atraumatic surface for extremely atraumatic handling of tissues and suture.

- For example:
- diamond dusted forceps are optimal for fine atraumatic fixation of tissue, micro vessels and fine delicate suture for knitting.
  - diamond dusted ASANUS microneedle holders allow you to use suture up to most delicate suture.

## TITANIT® -INSTRUMENTE

Die ASANUS TITANIT® Instrumente basieren auf einer neuen Fertigungstechnologie mit innovativen und wirtschaftlichen Besonderheiten. Die ASANUS TITANIT® Scheren weisen einen extrem hohen Härtegrad von nahezu 100 HRC auf und zeichnen sich besonders durch eine extrem hohe Schnittqualität aus. Auf diese Schneidequalität gewähren wir 3 Jahre Schnittgarantie bei korrektem Einsatz. Die Erfahrungen und langjährigen klinischen Erprobungen haben gezeigt, dass darüber hinaus die Schnittqualität noch länger anhalten kann. Auch bei Nadelhaltern und Pinzetten kann durch die sehr hohe Härte und vollständig geschlossene Schutzfläche eine wesentlich höhere Abriebfestigkeit erreicht werden.

Dies bringt Ihnen im OP-Einsatz entscheidende Vorteile und eine hohe Wirtschaftlichkeit. Die ASANUS TITANIT® Instrumente sind außerdem korrosions- und säurebeständig, sowie schlagfest. Die ASANUS TITANIT® Instrumente können wie die herkömmlichen chirurgischen Instrumente gemäß RKI-Richtlinien gereinigt, desinfiziert und sterilisiert werden.



## TITANIT® -INSTRUMENTS

ASANUS TITANIT® surgical instruments are based on a new manufacturing technology with innovative and economical specialties. ASANUS TITANIT® scissors are extremely hard with 100 HRC and grinded with a special high cutting quality. In case of correct handling and use of the ASANUS TITANIT® scissors, ASANUS guarantees a 3 year free service cutting process.

Clinical tests and our experience does show us, that the cutting quality of the ASANUS TITANIT® scissors will remain even longer. The durability of ASANUS TITANIT® needle holders and forceps is also much longer.

These features are of extreme advantage to our customers and provide economical benefits due to very low service costs. ASANUS TITANIT® surgical instruments are extremely acid resistant and impact resistant. Cleaning, disinfection and sterilization of the ASANUS TITANIT® surgical instruments is possible with the normal stainless steel instruments and its previous procedures.



Federsperre  
*Ratched*



Multi Lock  
*Multi Lock*



Gegengewicht  
*Counterbalance*



Streamline  
*Streamline*



Extra Light  
*Extra Light*



Führungsstift  
*Safety Pin*



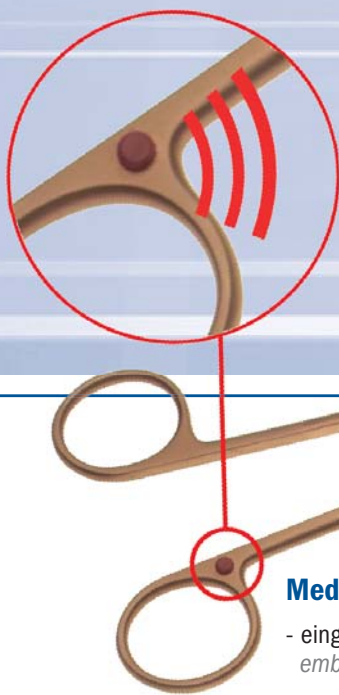
Diamantiert  
*Diamond Dusted*



Master Light  
*Master Light*



Mikrofeder-Nadelhalter	<i>Micro Needle Holder</i>	NH/NHB	2
Ringnadelhalter	<i>Ring Needle Holder</i>	NH/NHB	13
Nadelhalter POWER TC	<i>Needle Holder POWER TC</i>	NH	14
Mikro-Pinzetten	<i>Micro Forceps</i>	GF/GFB	24
Pinzetten	<i>Forceps</i>	GF/GFB	31
BiTIP Pinzetten	<i>BiTIP Forceps</i>	KG	46
Mikro Scheren	<i>Micro Scissors</i>	SC/SCB	50
Scheren/TITANIT®Scheren	<i>Scissors/Scissors TITANIT</i>	SC/SCB	59
Scheren Standard	<i>Scissors Standard</i>	SC	75
Scheren SUPERCUT	<i>Scissors SUPERCUT</i>	SC	92
Scheren POWER TC	<i>Scissors POWER TC</i>	SC	108
Skalpellgriffe	<i>Scalpell Handle</i>	SK	124
Mikro/Bulldogklemmen	<i>Micro/Bulldog Clamps</i>	GF	125
Wundhaken	<i>Wound Retractors</i>	WH	139
Herz-Thorax-Sperrer	<i>Cardio-Thoracic Retractor</i>	GF	170
Klemmen	<i>Clamps</i>	GL/KF	186
MIS Instrumente	<i>MIS Instrumente</i>	EN	287
Spezielle Instrumente	<i>Special Instruments</i>		294
Aorta Stanzen	<i>Aorta Punches</i>	GF	312
Einmalprodukte	<i>Disposable Products</i>	DSP	313
In Situ Bypass Instrumente	<i>In Situ Bypass Instruments</i>		316
Indexe	<i>Indexe</i>		318



**ARIS**   
Automatic Radio Information System

**MediPlug**

- eingebauter Datenchip  
*embedded data chip*

**Datenchip für jedes Instrument**  
*Data Chip for each Instrument*

- Identifizierung jedes einzelnen Instrumentes vor Ort  
*On-Site Identification of each single instrument*
- Individuelle und spezifische Datenspeicherung und Kontrolle  
*individual and specific data storage and controlling*
- Klinik-resistente, komplett desinfizierbare, schnelle Anbringung  
*clinic resistant, completely disinfectable, fast mounting*
- Produkt- / Herstellerunabhängig  
*Product and producer-independent*

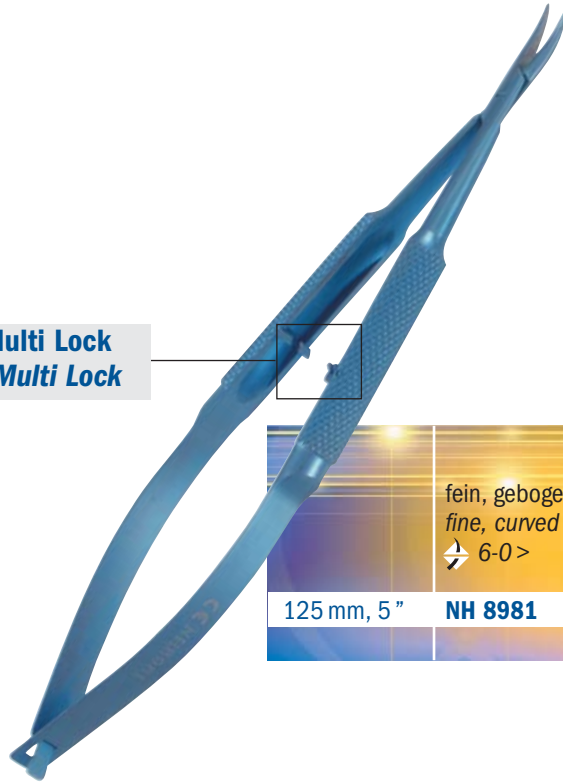
Ab sofort können wir für Sie die ASANUS Instrumente gerne auch mit einer individuellen Serienkennzeichnung, mittels ARIS RFID Chip Technologie versehen.  
Fragen Sie bei uns dies bitte gesondert nach.

*All ASANUS instruments can now be offered with individual serial identification marking, via ARIS RFID chip technology.  
If you are interested, please send us your inquiry.*

NADELHALTER  
NEEDLE HOLDER

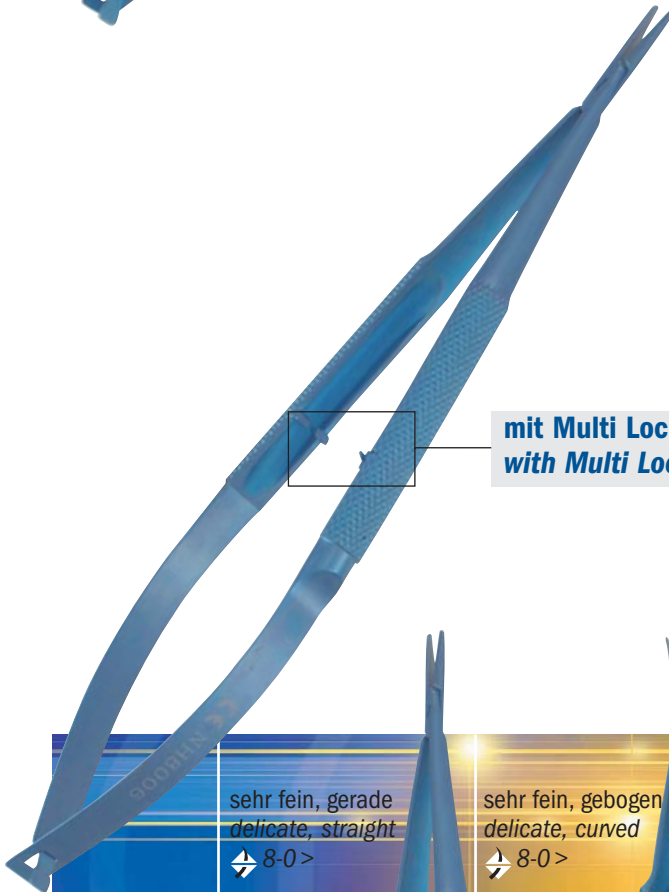


mit Multi Lock  
with Multi Lock



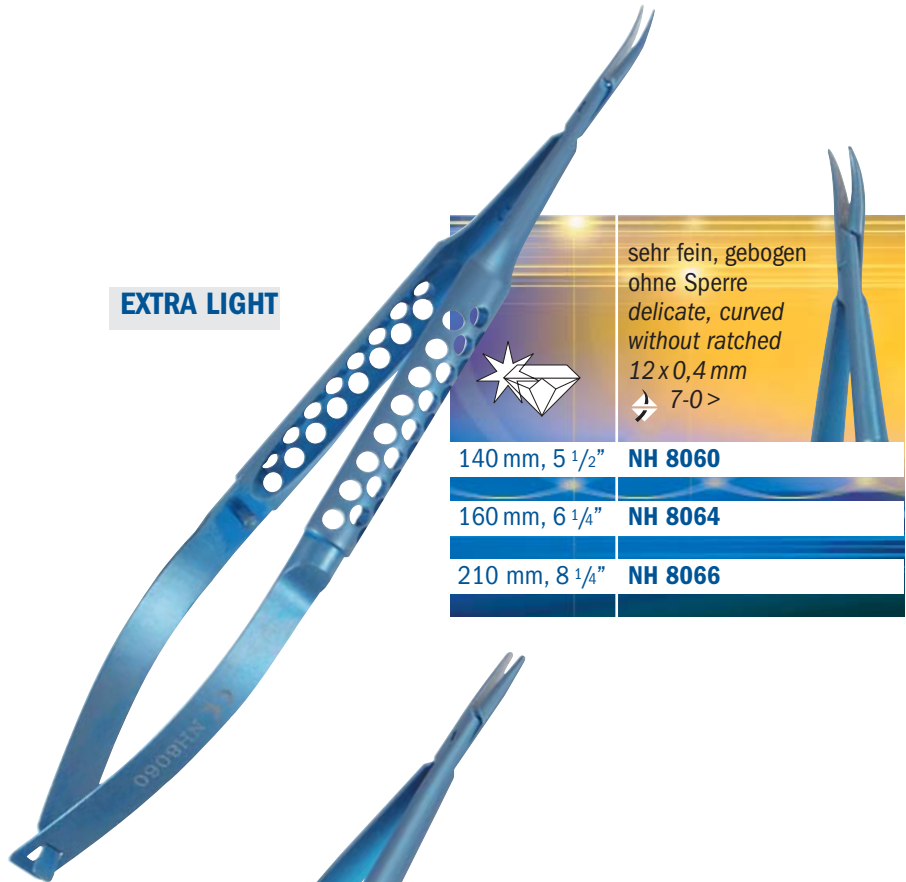
	fein, gebogen fine, curved ↕ 6-0 >		kräftig, gerade strong, straight ↕ 5-0 >	
125 mm, 5"	<b>NH 8981</b>		<b>NH 8030</b>	


mit Multi Lock  
with Multi Lock

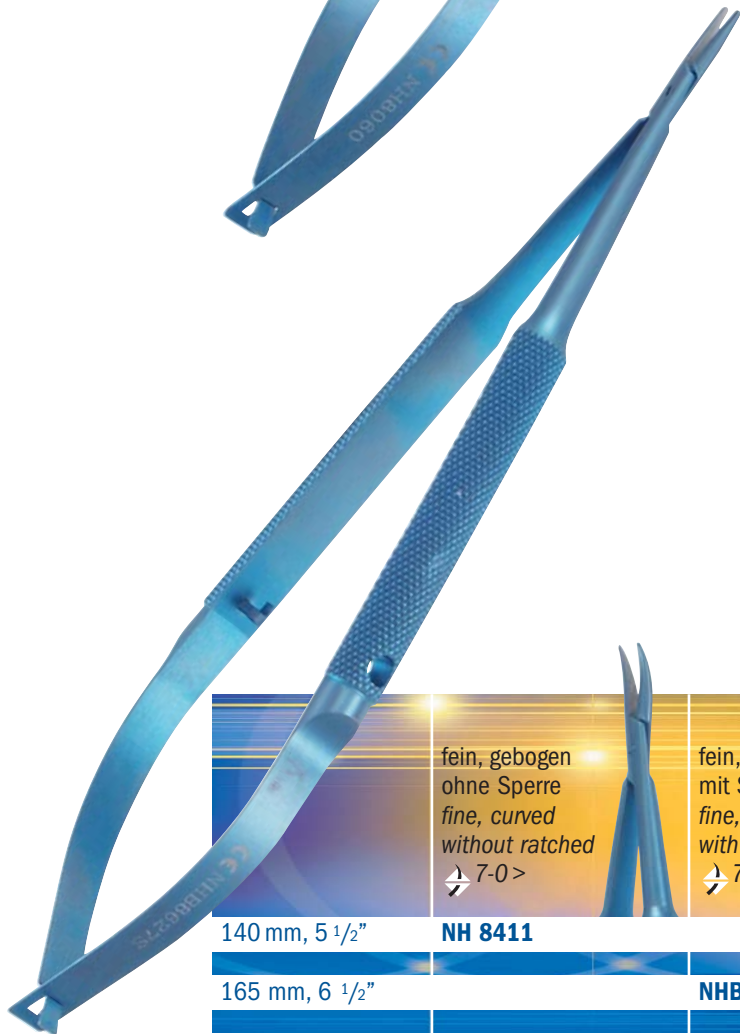


	sehr fein, gerade delicate, straight ↕ 8-0 >	sehr fein, gebogen delicate, curved ↕ 8-0 >	fein, gerade fine, straight ↕ 6-0 >	sehr fein, gebogen delicate, curved ↕ 6-0 >
140 mm, 5 1/2"	<b>NH 8900</b>	<b>NH 8901</b>		
145 mm, 5 3/4"			<b>NH 8006</b>	<b>NH 8005</b>

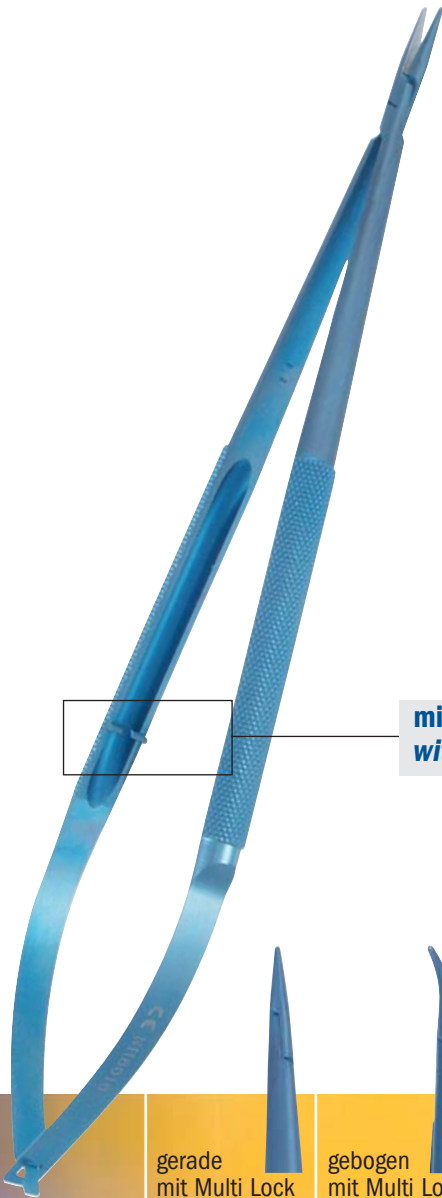
**EXTRA LIGHT**



	sehr fein, gebogen ohne Sperre <i>delicate, curved                  without ratched</i> 12 x 0,4 mm ↕ 7-0 >
	140 mm, 5 1/2" <b>NH 8060</b>
	160 mm, 6 1/4" <b>NH 8064</b>
	210 mm, 8 1/4" <b>NH 8066</b>



fein, gebogen ohne Sperre <i>fine, curved                  without ratched</i> ↕ 7-0 >	fein, gerade mit Sperre <i>fine, straight                  with ratched</i> ↕ 7-0 >	sehr fein, gerade mit Sperre <i>delicate, s straight                  with ratched</i> ↕ 5-0 >	sehr fein, gebogen mit Sperre <i>delicate, curved                  with ratched</i> ↕ 5-0 >
140 mm, 5 1/2" <b>NH 8411</b>	<b>NHB 8529 S</b>	<b>NHB 8627 S</b>	<b>NHB 8927 S</b>
165 mm, 6 1/2"			

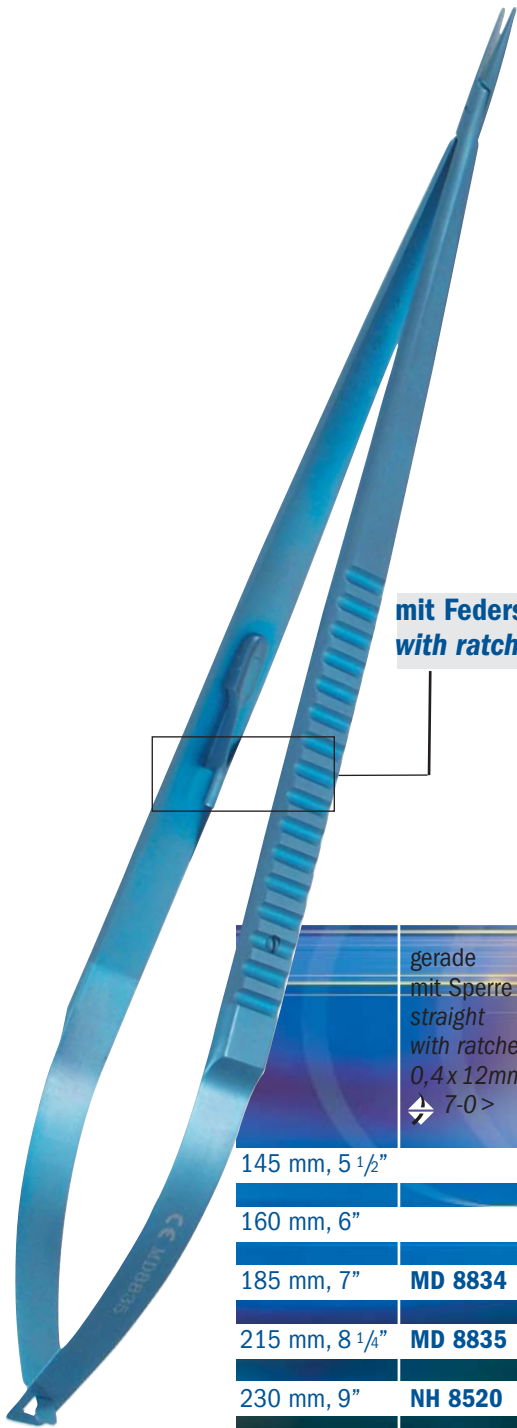


mit Multi Lock  
with Multi Lock

	gerade mit Multi Lock straight with Multi Lock 0,4x11 mm ↕ 7-0>	gerade mit Multi Lock straight with Multi Lock 0,4x10 mm ↕ 8-0>	gerade ohne Sperre straight without ratched 0,4x11 mm ↕ 7-0>	gerade mit Multi Lock straight with Multi Lock 0,4x11 mm ↕ 7-0>
185 mm, 7"			<b>NH 8310</b>	
205 mm, 8"	<b>NH 8016-1</b>	<b>NH 8349</b>	<b>NH 8348</b>	<b>NH 8016-2</b>
230 mm, 9"		<b>NH 8028</b>		

DELICATE

	gerade mit Multi Lock straight with Multi Lock 0,8x11 mm ↕ 6-0>	gebogen mit Multi Lock curved with Multi Lock 0,8x11 mm ↕ 6-0>	gerade mit Multi Lock straight with Multi Lock 1,6x12 mm ↕ 5-0>	gerade mit Multi Lock straight with Multi Lock 2,0x14mm ↕ 3-0>	gerade ohne Sperre straight without Lock 0,8x11 mm ↕ 6-0>	gebogen ohne Sperre curved without Lock 0,8x11 mm ↕ 6-0>	gerade mit Federsperre straight with ratched 0,8x11 mm ↕ 6-0>
160 mm, 6 1/4"	<b>NH 8008</b>	<b>NH 8009</b>					
185 mm, 7 1/4"	<b>NH 8010</b>	<b>NH 8011</b>			<b>NH 8012</b>	<b>NH 8013</b>	<b>NH 8010F</b>
205mm, 8"	<b>NH 8016</b>	<b>NH 8017</b>	<b>NH 8070</b>	<b>NH 8026</b>	<b>NH 8032</b>	<b>NH 8033</b>	<b>NH 8016F</b>
235mm, 9 1/4"	<b>NH 8018</b>	<b>NH 8019</b>	<b>NH 8118</b>				<b>NH 8018F</b>
250 mm, 10"	<b>NH 8020</b>	<b>NH 8021</b>	<b>NH 8022</b>				<b>NH 8020F</b>
300 mm, 12"			<b>NH 8074</b>				



mit Federsperre  
 with ratched

	gerade mit Sperre straight with ratched 0,4 x 12mm ↕ 7-0>	gerade mit Sperre straight with ratched 1,6 x 12mm ↕ 5-0>	gerade ohne Sperre straight without ratched 0,4 x 12mm ↕ 7-0>	gerade ohne Sperre straight without ratched 0,8 x 12mm ↕ 6-0>	gerade mit Sperre straight with ratched ↕ 8x0>	gerade ohne Sperre straight without ratched ↕ 7x0>
145 mm, 5 1/2"					<b>NH 8076</b>	
160 mm, 6"			<b>NH 8079</b>			<b>NH 8078</b>
185 mm, 7"	<b>MD 8834</b>	<b>NH 8070-1</b>		<b>NH 8014</b>		
215 mm, 8 1/4"	<b>MD 8835</b>	<b>NH 8070-2</b>	<b>MD 8835-1</b>	<b>NH 8015</b>		
230 mm, 9"	<b>NH 8520</b>	<b>NH 8070-3</b>				

**FLAT HANDLE**



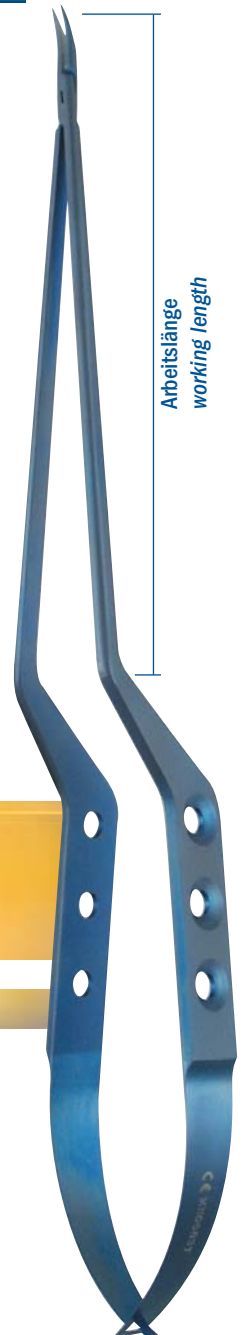
	gerade mit Multi Lock <i>straight with Multi Lock</i> ↻ 6-0 >	gebogen mit Multi Lock <i>curved with Multi Lock</i> ↻ 6-0 >	gerade ohne Sperre <i>straight without ratched</i> ↻ 6-0 >	gebogen ohne Sperre <i>curved without ratched</i> ↻ 6-0 >
185 mm, 7"	<b>NH 8098</b>	<b>NH 8099</b>		
210 mm, 8 1/4"		<b>NH 8100</b>		<b>NH 8108</b>
250 mm, 10"	<b>NH 8102</b>	<b>NH 8104</b>	<b>NH 8105</b>	
300 mm, 12"	<b>NH 8103</b>			<b>NH 8111</b>

mit Multi Lock  
with Multi Lock

## CROSS ACTON ELEGANCE

für Off-Pump- und in der tiefen  
Chirurgie gewährleistet höheren  
Druck auf die Arbeitsenden

*for off pump and deep surgery  
more compression allows optimal  
needle fixation*






Arbeitslänge  
working length

bajonett gebogen <i>bajonette curved</i> ↻ 6-0 > bis/to 8-0 >	Arbeitslänge working length	
245 mm, 9 1/2"	125 mm, 4 3/4"	<b>MN 0583T</b>

## BAJO



**Schweres Modell  
 Heavy modell**



	gerade mit Sperre straight with ratched ↗ 3-0 >		gebogen mit Sperre curved with ratched ↗ 3-0 >		gerade ohne Sperre straight without ratched ↗ 3-0 >
190 mm, 7 1/2"	<b>NHB 8141S</b>		<b>NHB 8741S</b>		<b>NHB 8141</b>
230 mm, 9"	<b>NHB 8191S</b>				<b>NHB 8191</b>
250 mm, 10"	<b>NHB 8194S</b>				<b>NHB 8194</b>

**TIGER**



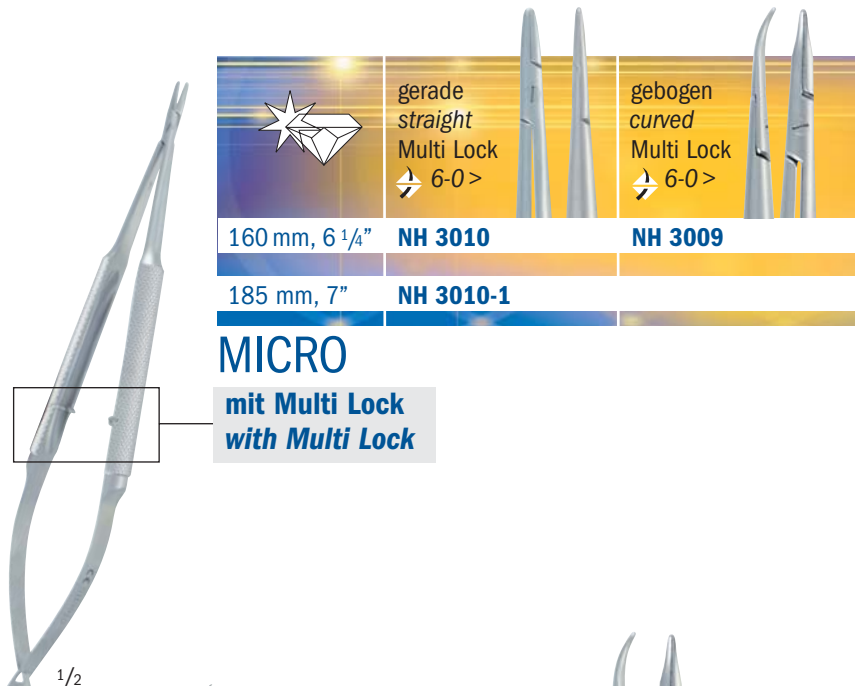
mit Federsperre  
 with ratched


mit Stiftsperre  
 with Pin Lock

	gebogen Stiftsperre curved Pin Lock ↗ 6-0 >		gerade Stiftsperre straight Pin Lock ↗ 6-0 >	
215 mm, 8 1/4"	<b>NH 8040</b>		<b>NH 8038</b>	

**PEN**

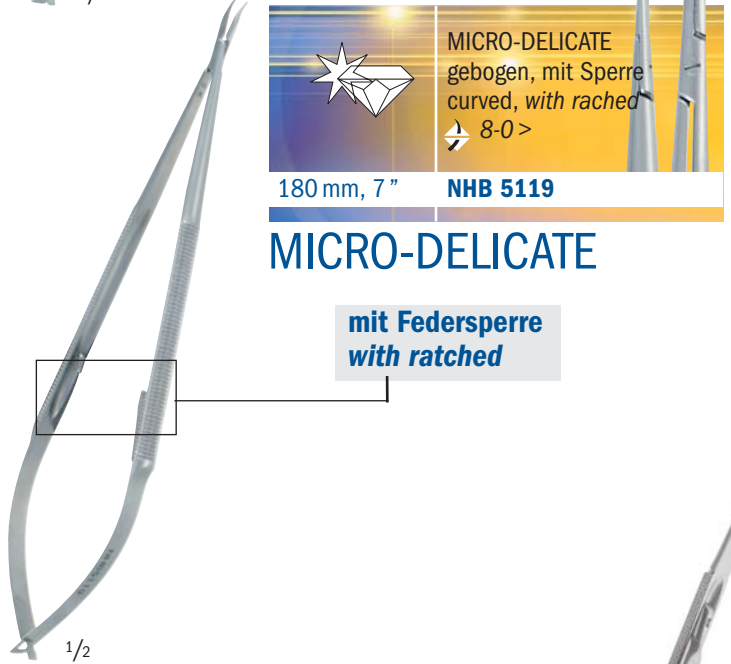





 gerade straight Multi Lock ↗ 6-0 >	gebogen curved Multi Lock ↗ 6-0 >
	160 mm, 6 1/4" <b>NH 3010</b>

**MICRO**  
mit Multi Lock  
with Multi Lock

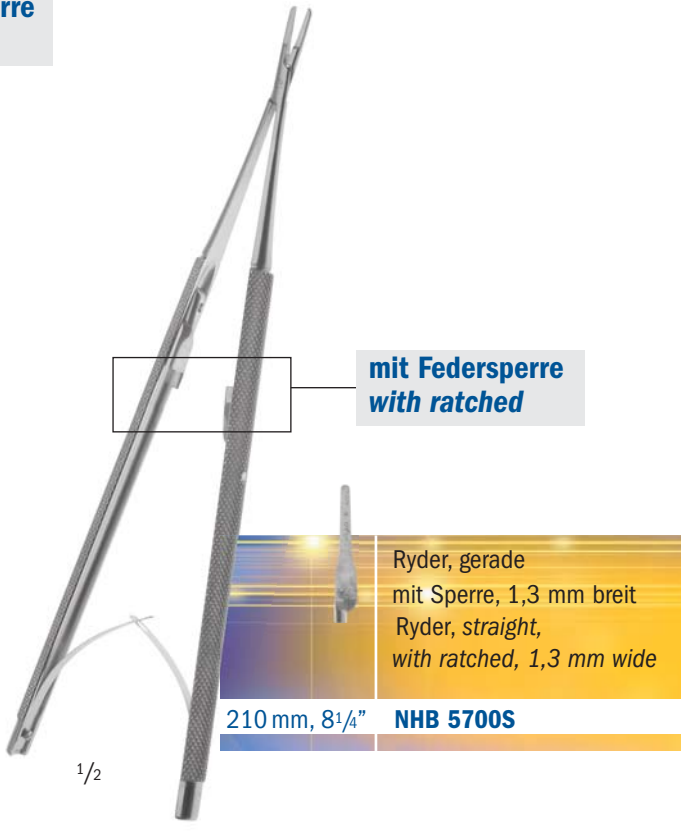
1/2



 MICRO-DELICATE gebogen, mit Sperre curved, with ratched ↗ 8-0 >	180 mm, 7" <b>NHB 5119</b>
--	----------------------------

**MICRO-DELICATE**  
mit Federsperre  
with ratched

1/2

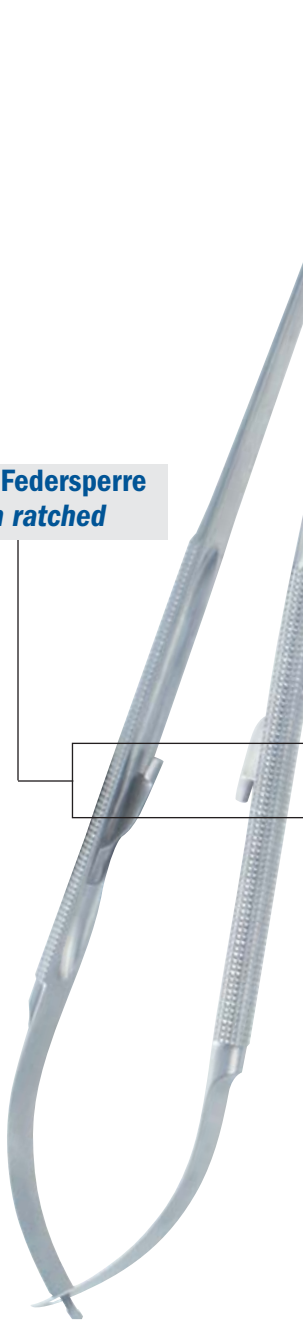


Ryder, gerade mit Sperre, 1,3 mm breit Ryder, straight, with ratched, 1,3 mm wide	210 mm, 8 1/4" <b>NHB 5700S</b>
--	---------------------------------






mit Federsperre  
with ratched

1/2






mit Federsperre  
with ratched



MICRO

					
<b>mit Sperre with ratched</b>	gerade straight ↙ 7-0 >	gebogen curved ↙ 7-0 >	gerade straight ↙ 5-0 >	gebogen curved ↙ 5-0 >	gerade straight ↙ 4-0 >
185 mm, 7"	<b>MN 1346D</b>	<b>MN 1347D</b>	<b>MN 1340D</b>	<b>MN 1341D</b>	
210 mm, 8 1/4"	<b>MN 1348D</b>	<b>MN 1349D</b>	<b>MN 1344D</b>	<b>MN 1345D</b>	<b>MN 1351D</b>
230 mm, 9"	<b>MN 1352D</b>	<b>MN 1353D</b>	<b>MN 1354D</b>	<b>MN 1355D</b>	
<b>ohne Sperre without ratched</b>	gerade straight ↙ 7-0 >	gebogen curved ↙ 7-0 >	gerade straight ↙ 5-0 >	gebogen curved ↙ 5-0 >	
185 mm, 7"	<b>MN 1320D</b>	<b>MN 1330D</b>	<b>MN 1332D</b>	<b>MN 1333D</b>	
210 mm, 8 1/4"	<b>MN 1342D</b>	<b>MN 1343D</b>	<b>MN 1334D</b>	<b>MN 1335D</b>	
250 mm, 10"			<b>MN 1338D</b>	<b>MN 1339D</b>	

glatt /  
smooth

					
<b>mit Sperre with ratched</b>	gerade straight ↙ 7-0 >	gebogen curved ↙ 7-0 >	gerade straight ↙ 5-0 >	gebogen curved ↙ 5-0 >	
150 mm, 6"	<b>MN 1300</b>	<b>MN 1310</b>			
230 mm, 9"	<b>MN 1352</b>	<b>MN 1353</b>	<b>MN 1354</b>	<b>MN 1355</b>	
<b>ohne Sperre without ratched</b>	gerade straight ↙ 7-0 >	gebogen curved ↙ 7-0 >	gerade straight ↙ 5-0 >	gebogen curved ↙ 5-0 >	gerade straight ↙ 4-0 >
185 mm, 7"	<b>MN 1320</b>	<b>MN 1330</b>	<b>MN 1332</b>	<b>MN 1333</b>	
210 mm, 8 1/4"	<b>MN 1342</b>	<b>MN 1343</b>	<b>MN 1334</b>	<b>MN 1335</b>	<b>MN 1351</b>
250 mm, 10"			<b>MN 1338</b>	<b>MN 1339</b>	


**Diamond  
Dust tip**

**Streamline  
Boxlock**




	MICRO SLIM LINE ↗ 8-0 >	MICRO SLIM LINE ↗ 7-0 >	SLIM LINE ↗ 5-0 >	MEDIUM LINE ↗ 4-0 >	MAKRO LINE TIGER ↗ 2-0 >	mit Sperre with ratched	ohne Sperre without ratched
150 mm, 6"		<b>NHB 5127S</b>	<b>NHB 5125S</b>			●	
150 mm, 6"		<b>NHB 5127</b>	<b>NHB 5125</b>				●
180 mm, 7"	<b>NHB 5148S</b>	<b>NHB 5147S</b>	<b>NHB 5145S</b>			●	
180 mm, 7"	<b>NHB 5148</b>	<b>NHB 5147</b>	<b>NHB 5145</b>				●
190 mm, 7 1/2"		<b>NHB 5357S</b>		<b>NHB 5354S</b>	<b>NHB 5141S</b>	●	
190 mm, 7 1/2"		<b>NHB 5357</b>		<b>NHB 5354</b>	<b>NHB 5141</b>		●
205 mm, 8"	<b>NHB 5158S</b>	<b>NHB 5157S</b>	<b>NHB 5155S</b>			●	
205 mm, 8"	<b>NHB 5158</b>	<b>NHB 5157</b>	<b>NHB 5155</b>				●
230 mm, 9"	<b>NHB 5188S</b>	<b>NHB 5187S</b>	<b>NHB 5185S</b>		<b>NHB 5191S</b>	●	
230 mm, 9"	<b>NHB 5188</b>	<b>NHB 5187</b>	<b>NHB 5185</b>		<b>NHB 5191</b>		●
230 mm, 9" (curved)		<b>NHB 5287S</b>				●	
250 mm, 10"	<b>NHB 5198S</b>	<b>NHB 5197S</b>	<b>NHB 5195S</b>		<b>NHB 5194S</b>	●	
250 mm, 10"	<b>NHB 5198</b>	<b>NHB 5197</b>	<b>NHB 5195</b>		<b>NHB 5194</b>		●

**ONIX**

	<b>gebogen, mit Sperre curved, with ratched</b>	↗ 7-0 >
300 mm, 12"	<b>NHB 5201S</b>	

**Diamond  
Dust tip**

	gerade mit Sperre straight with ratched ↕ 7-0 >	gebogen mit Sperre curved with ratched ↕ 7-0 >	gerade ohne Sperre straight without ratched ↕ 7-0 >	gebogen ohne Sperre curved without ratched ↕ 7-0 >
210 mm, 8 1/4"	<b>NHB 7088S</b>	<b>NHB 7089S</b>	<b>NHB 7088</b>	<b>NHB 7089</b>

**MICRO-CARDIO**

**TITANIT®**

mit Sperre with ratched	glatt, gerade smooth, straight ↕ 6-0 >	TITANIT® glatt, gerade smooth, straight ↕ 6-0 >
200 mm, 8"	<b>MD 0835</b>	<b>MD 0835T</b>

**ERGONOMY**



<b>Diamond Dust</b>	Ryder, mit Sperre TC ryder tip, TC with ratched ↻ 7/0 - 8/0	mit Sperre gerade with ratched straight ↻ 6/0 - 8/0	ohne Sperre gerade without ratched straight ↻ 6/0 - 8/0	mit Sperre gerade with ratched straight ↻ 5/0 - 8/0	ohne Sperre gerade without ratched straight ↻ 5/0 - 8/0
145 mm, 5 3/4"		<b>NHB 4515S</b>	<b>NHB 4515</b>		
180 mm, 7"		<b>NHB 4525S</b>	<b>NHB 4525</b>	<b>NHB 5554S</b>	
205 mm, 8"		<b>NHB 4535S</b>	<b>NHB 4535</b>	<b>NHB 5555S</b>	<b>NHB 5555</b>
230 mm, 9"	<b>NHB 4597S</b>	<b>NHB 4545S</b>	<b>NHB 4545</b>	<b>NHB 5556S</b>	

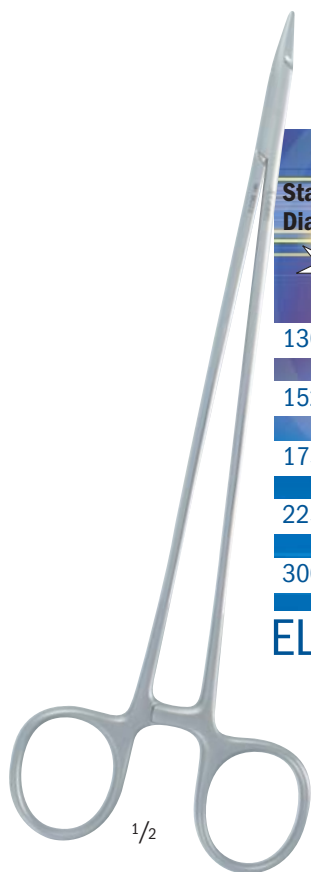
TOPAS




<b>POWER-TC</b>	mit Sperre gerade with ratched straight feines TC fine TC	ohne Sperre Delicat 1,0mm without ratched delicate 1,0mm ↻ 7/0 - 10/0	mit Sperre gerade with ratched straight ↻ 5/0 - 6/0	ohne Sperre gerade without ratched straight ↻ 5/0 - 6/0
145 mm, 5 3/4"	<b>NHB 4705S</b>		<b>NHB 4715S</b>	<b>NHB 4715</b>
180 mm, 7"	<b>NHB 4706S</b>	<b>NHB 4627</b>	<b>NHB 4725S</b>	<b>NHB 4725</b>
205 mm, 8"	<b>NHB 4707S</b>		<b>NHB 4735S</b>	<b>NHB 4735</b>
230 mm, 9"	<b>NHB 4708S</b>		<b>NHB 4745S</b>	<b>NHB 4745</b>

TOPAS

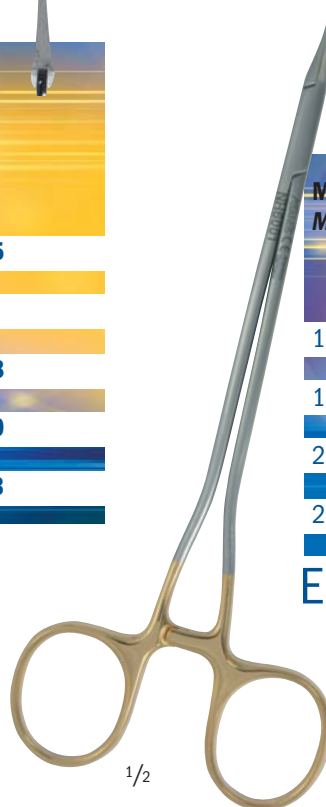
<b>gerieftes Maul serrated tip POWER-TC</b> 0,2 Teilung fein	mit Sperre gerade with ratched straight ↻ 5-0 >	mit Sperre gebogen with ratched curved ↻ 5-0 >	mit Sperre gerade with ratched straight ↻ 4-0 >
145 mm, 5 3/4"	<b>NHB 4815S</b>	<b>NHB 4915S</b>	
180 mm, 7"	<b>NHB 4825S</b>	<b>NHB 4925S</b>	
205 mm, 8"	<b>NHB 4835S</b>	<b>NHB 4935S</b>	<b>NHB 4834S</b>
230 mm, 9"	<b>NHB 4845S</b>	<b>NHB 4945S</b>	



TOPAS



<b>Stahl Steel</b>		
<b>Diamond Dust</b>		MICRO
	 5-0 >	 6-0 >
130 mm, 5"		<b>NH 6015</b>
152 mm, 6"	<b>NH 6016</b>	
175 mm, 7"	<b>NH 6018</b>	<b>NH 6028</b>
225 mm, 9"	<b>NH 6022</b>	<b>NH 6030</b>
300 mm, 12"	<b>NH 6025</b>	<b>NH 6033</b>

**ELEGANCE**



<b>Mikro Nadelhalter</b>		<b>TC</b>
<b>Micro Needle Holder</b>		
	 6-0 >	
150 mm, 6"	<b>NH 6000</b>	
180 mm, 7"	<b>NH 6001</b>	
205 mm, 8"	<b>NH 6002</b>	
230 mm, 9"	<b>NH 6003</b>	<b>NH 6003TC</b>




**EUPHRATE-PASQUE**



<b>Valve Nadelhalter</b>	
<b>Valve Needle Holder</b>	
Stahl steel	 3-0 >
250 mm, 10"	<b>NHB 1004</b>

**STRONG CURVED**



<b>Titanium</b>	
<b>Diamond Dust</b>	
	 6-0 >
125 mm, 5"	<b>NH 8802</b>
145 mm, 5 3/4"	<b>NH 8804</b>
175 mm, 7"	<b>NH 8806</b>
195 mm, 7 3/4"	<b>NH 8808</b>
225 mm, 8 3/4"	<b>NH 8810</b>

**MICRO-TITAN**



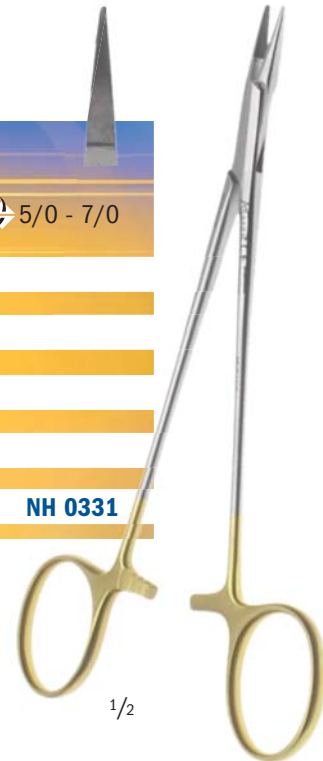
	1,0mm glatt/smooth ↗ 7/0 - 8/0	1,0mm gerieft/serrated ↗ 7/0 - 8/0	1,2mm gerieft/serrated ↗ 6/0 - 8/0	1,8mm gerieft/serrated ↗ 4/0 - 6/0
120 mm, 5"	<b>NH 0512</b>	<b>NH 0522</b>	<b>NH 0500</b>	
135 mm, 5 1/4"				<b>NH 0440</b>
150 mm, 6"	<b>NH 0513</b>	<b>NH 0523</b>	<b>NH 0510</b>	<b>NH 0441</b>
180 mm, 7"	<b>NH 0514</b>	<b>NH 0524</b>	<b>NH 0520</b>	<b>NH 0450</b>
200 mm, 8"	<b>NH 0515</b>	<b>NH 0525</b>	<b>NH 0530</b>	<b>NH 0460</b>
230 mm, 9"	<b>NH 0516</b>	<b>NH 0526</b>	<b>NH 0531</b>	<b>NH 0468</b>
260 mm, 10"		<b>NH 0527</b>		
230 mm, 9"				<b>NH 0470</b>

**RYDER**

1/2

	↗ 5/0 - 7/0	↗ 5/0 - 7/0	↗ 5/0 - 7/0	↗ 5/0 - 7/0	↗ 5/0 - 7/0
150 mm, 6"	<b>NH 0328</b>				
180 mm, 7"		<b>NH 0329</b>			
205 mm, 8"			<b>NH 0330</b>		
230 mm, 9"				<b>NH 0332</b>	
270 mm, 10 1/2"					<b>NH 0331</b>

**MICRO VASCULAR**



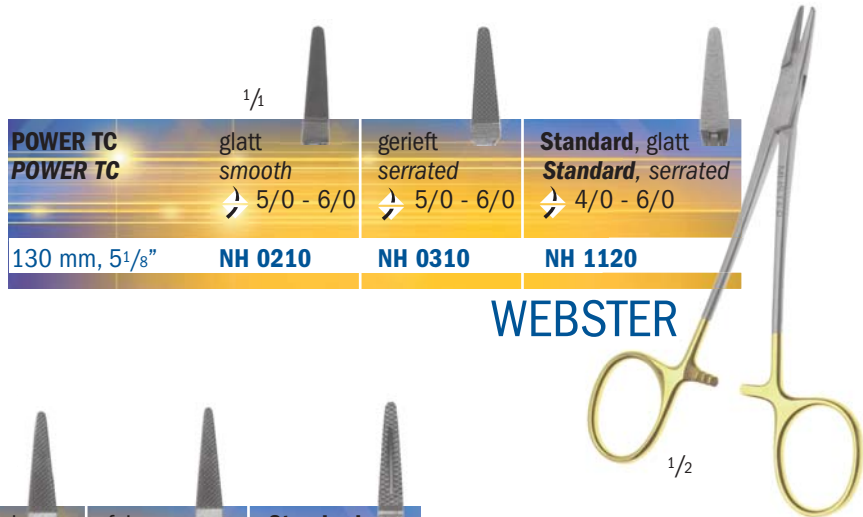
1/2





<b>POWER TC</b> <b>POWER TC</b>	<b>Standard</b> <b>Standard</b>
↻ 4/0 - 6/0	↻ 4/0 - 6/0
120 mm, 4 1/2"	<b>NH 0150</b> <b>NH 1130</b>

**DERF**



<b>POWER TC</b> <b>POWER TC</b>	glatt smooth	gerieft serrated	<b>Standard, glatt</b> <b>Standard, serrated</b>
↻ 5/0 - 6/0	↻ 5/0 - 6/0	↻ 4/0 - 6/0	
130 mm, 5 1/8"	<b>NH 0210</b>	<b>NH 0310</b>	<b>NH 1120</b>

**WEBSTER**






<b>POWER TC</b> <b>POWER TC</b>	normal normal	fein delicate	<b>Standard</b> <b>Standard</b>
↻ 5/0 - 6/0	↻ 5/0 - 6/0	↻ 4/0 - 6/0	
150 mm, 6"	<b>NH 0200</b>	<b>NH 0200-1</b>	<b>NH 1180</b>

**BABY CRILE-WOOD**









<b>POWER TC</b> <b>POWER TC</b>	↻ 4/0 - 6/0	↻ 4/0 - 6/0	↻ 4/0 - 6/0	↻ 4/0 - 6/0	↻ 4/0 - 6/0
150 mm, 6"	<b>NH 0230</b>				
150 mm, 6"	<b>NH 0230F</b>	ohne Sperre/without ratchet			
150 mm, 6"	<b>NH 1200</b>	Stahl /steel			
180 mm, 7"	<b>NH 0240</b>				
200 mm, 8"	<b>NH 0260</b>				
230 mm, 9"	<b>NH 0265</b>				
305 mm, 12"	<b>NH 0280</b>				



**CRILE-WOOD**

	1/1		
			
	↻ 5/0 - 7/0	↻ 5/0 - 7/0	↻ 5/0 - 7/0
165 mm, 6 1/2"	<b>NH 0360</b>		
180 mm, 7"		<b>NH 0361</b>	
210 mm, 8 1/4"			<b>NH 0370</b>

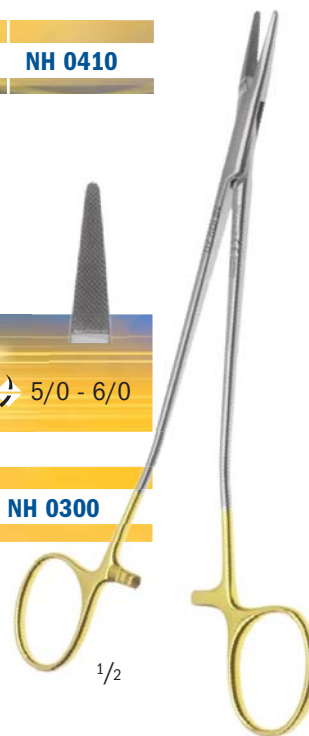
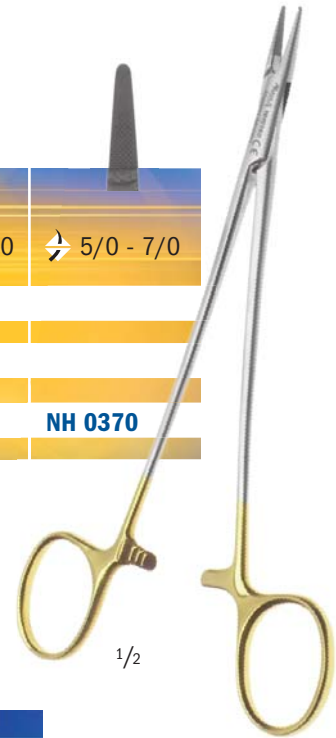
**DE BAKEY**

	1/1					
<b>POWER TC</b>						
<b>POWER TC</b>	↻ 4/0 - 6/0	↻ 4/0 - 7/0	↻ 4/0 - 7/0	↻ 4/0 - 7/0	↻ 4/0 - 7/0	↻ 4/0 - 7/0
150 mm, 6"	<b>NH 0350</b>					
180 mm, 7"		<b>NH 0380</b>				
180 mm, 7"		<b>NH 0380F</b> ohne Sperre/without ratchet				
205 mm, 8"			<b>NH 0385</b>			
230 mm, 9"				<b>NH 0390</b>		
265 mm, 10"					<b>NH 0400</b>	
305 mm, 12"						<b>NH 0410</b>

**DE BAKEY**

	1/1	
<b>POWER TC</b>		
<b>POWER TC</b>	↻ 4/0 - 6/0	↻ 5/0 - 6/0
180 mm, 7"	<b>NH 0270</b>	
255 mm, 10"		<b>NH 0300</b>

**SAROT**



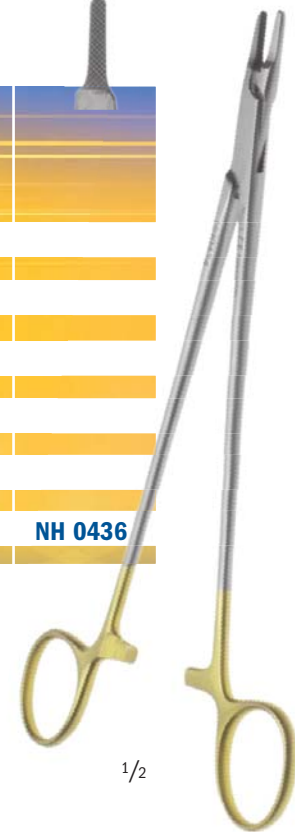
	$\frac{1}{4}$						
<b>POWER TC</b> <b>POWER TC</b> ↻ 3/0 - 5/0							
130 mm, 5"	<b>NH 0431</b>						
150 mm, 6"	<b>NH 0432</b>						
180 mm, 7"	<b>NH 0433</b>						
205 mm, 8"	<b>NH 0434</b>						
230 mm, 9"	<b>NH 0435</b>						
255 mm, 10"	<b>NH 0436</b>						

**RYDER "FRENCH EYE"**



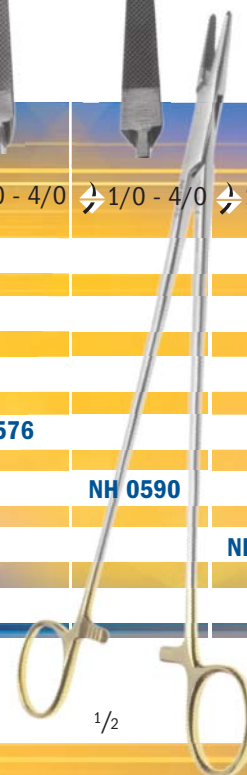
	$\frac{1}{4}$
<b>POWER TC</b> <b>POWER TC</b> ↻ 2/0 - 4/0	
150 mm, 6"	<b>NH 0560</b>

**MAYO-HEGAR**



	$\frac{1}{4}$								
<b>POWER TC</b> <b>POWER TC</b> ↻ 1/0 - 4/0									
180 mm, 7"	<b>NH 0570</b>								
205 mm, 8"	<b>NH 0580</b>								
240 mm, 9 $\frac{1}{2}$ "	<b>NH 0575</b>								
265 mm, 10"	<b>NH 0576</b>								
300 mm, 12"	<b>NH 0590</b>								
350 mm, 14"	<b>NH 0595</b>								
400 mm, 16"	<b>NH 0596</b>								

**MAYO-HEGAR**





**POWER TC, S-gebogen**  
**POWER TC, S-curved**

1/1

↗ 4/0 - 7/0

↗ 4/0 - 7/0

↗ 4/0 - 7/0

↗ 4/0 - 7/0

210 mm, 8<sup>1</sup>/<sub>4</sub>" **NH 0740**

240 mm, 9<sup>1</sup>/<sub>2</sub>" **NH 0742**

260 mm, 10<sup>1</sup>/<sub>4</sub>" **NH 0743**

300 mm, 12" **NH 0745**

**BOZEMANN**

**für starke Nadeln**  
**for strong sutures**

1/1

↗ 0/0 - 2/0

↗ 0/0 - 2/0

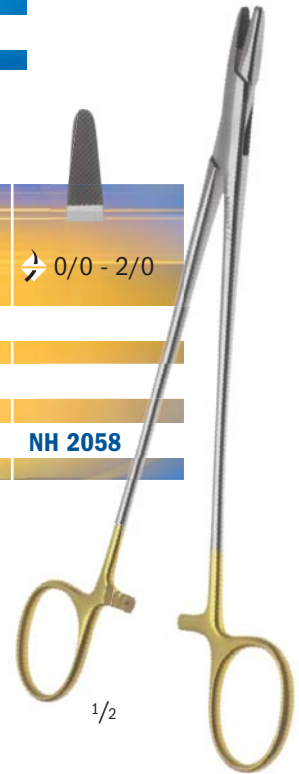
↗ 0/0 - 2/0

180 mm, 7" **NH 2056**

200 mm, 8" **NH 2057**

225 mm, 9" **NH 2058**

**HAJEK**



**für starke Nadeln**  
**for strong suture**

1/1

↗ 0/0 - 2/0

260 mm, 10<sup>1</sup>/<sub>4</sub>" **NH 2060**

**HAJEK**

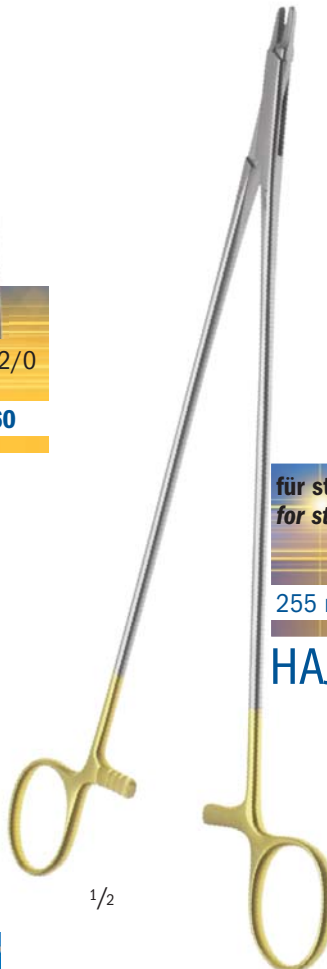
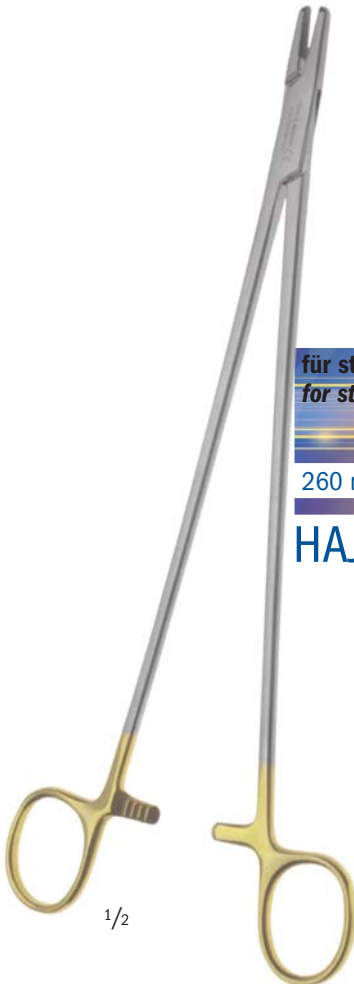
**für starke Nadeln**  
**for strong suture**

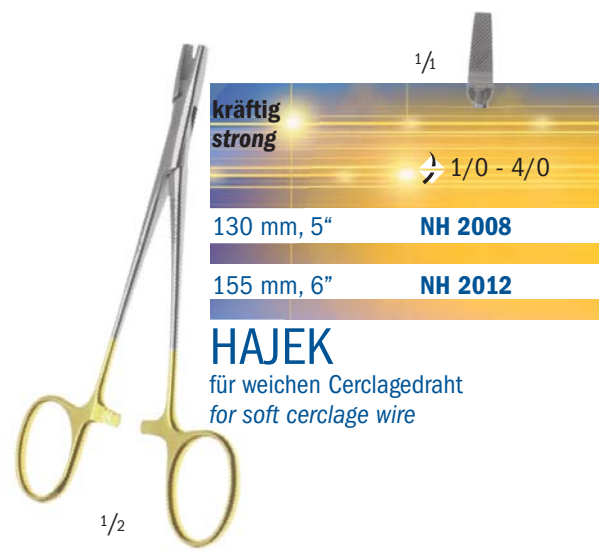
1/1

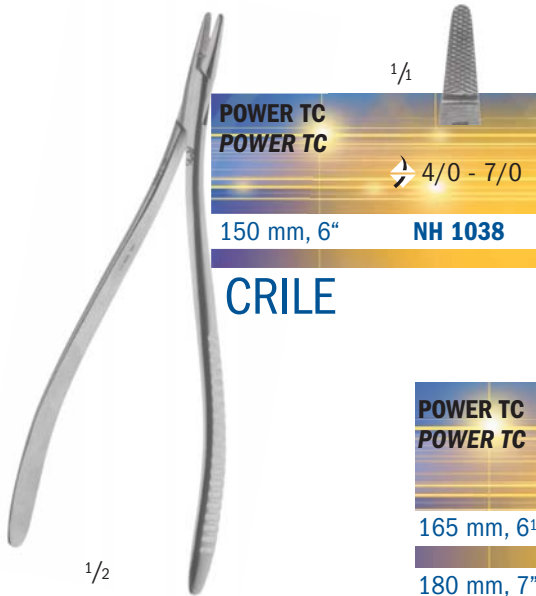
↗ 1/0 - 4/0

255 mm, 10" **NH 2050**

**HAJEK**







**POWER TC**  
**POWER TC**  
1/1  
4/0 - 7/0  
150 mm, 6" **NH 1038**

**CRILE**

1/1	4/0 - 6/0	4/0 - 6/0	4/0 - 6/0	4/0 - 6/0
165 mm, 6 1/2"	<b>NH 1068</b>			
180 mm, 7"		<b>NH 1069</b>		
200 mm, 8"			<b>NH 1070</b>	
230 mm, 9"				<b>NH 1071</b>

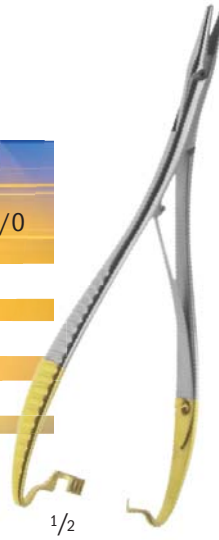
**LANGENBECK**



1/2

1/1	4/0 - 6/0	4/0 - 6/0	3/0 - 5/0
140 mm, 5 1/2"	<b>NH 0870</b>		
170 mm, 6 3/4"		<b>NH 0890</b>	
200 mm, 8"			<b>NH 0910</b>

**MATHIEU-KOCHER**



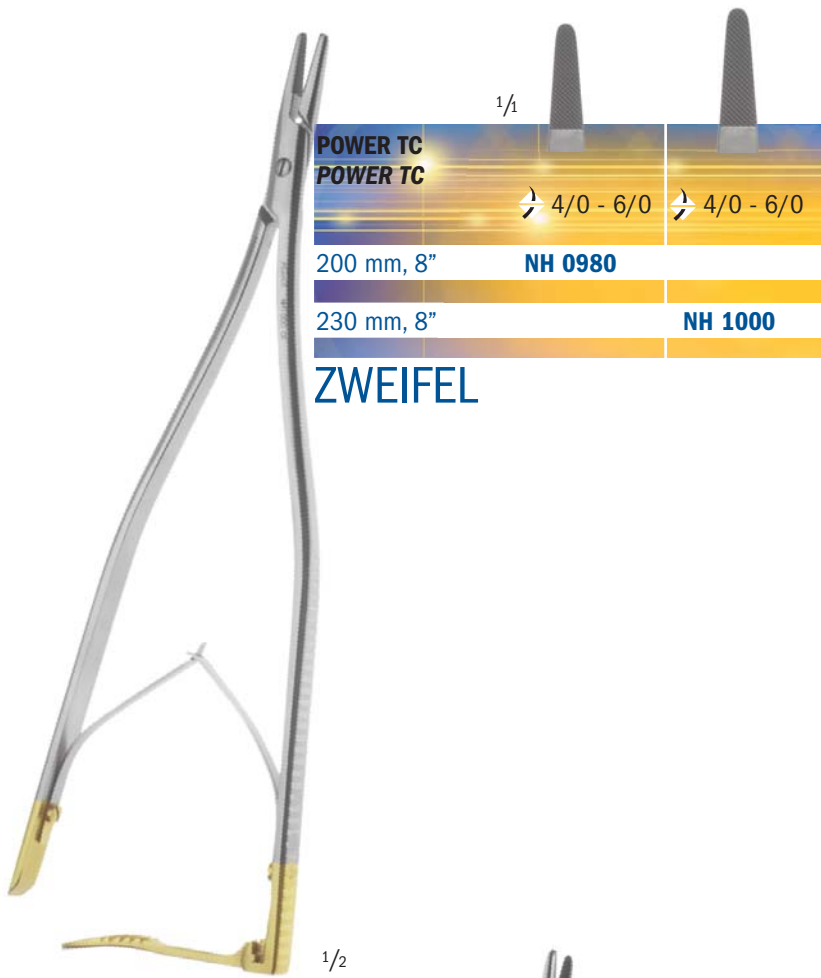
1/2

1/1	4/0 - 6/0	4/0 - 6/0	4/0 - 6/0
170 mm, 6 3/4"	<b>NH 0931</b>		
200 mm, 8"		<b>NH 0932</b>	
220 mm, 8 1/2"			<b>NH 0933</b>

**MATHIEU**

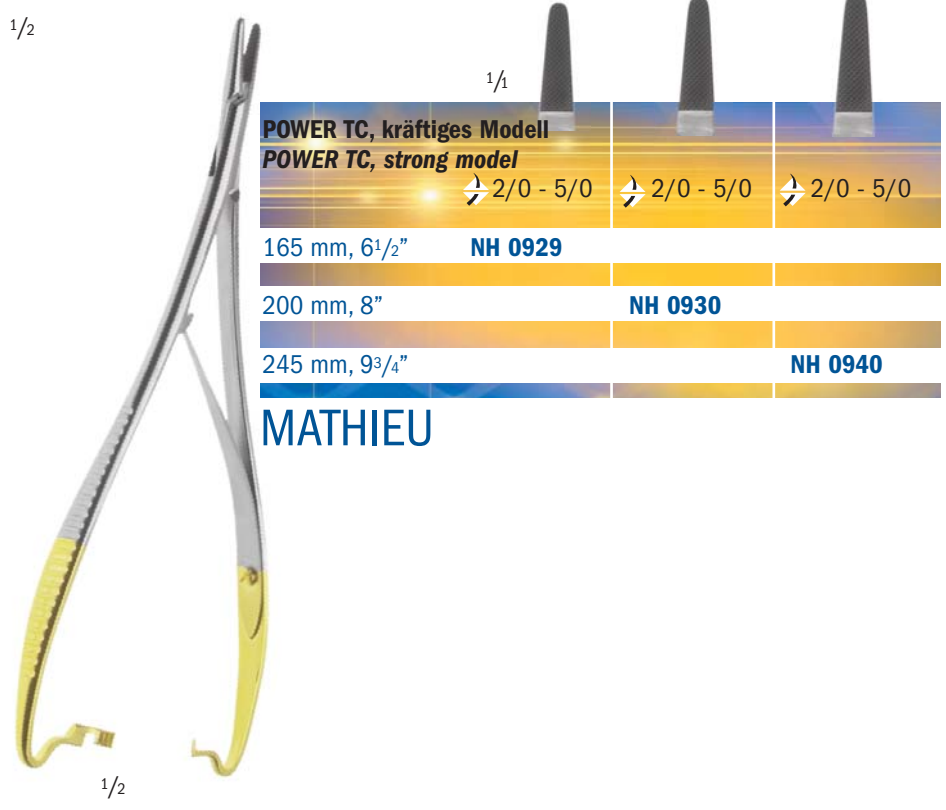


1/2



	<sup>1/1</sup>	<sup>1/1</sup>
<b>POWER TC</b>		
<b>POWER TC</b>	↗ 4/0 - 6/0	↗ 4/0 - 6/0
200 mm, 8"	<b>NH 0980</b>	
230 mm, 8"		<b>NH 1000</b>

**ZWEIFEL**



	<sup>1/1</sup>	<sup>1/1</sup>	<sup>1/1</sup>
<b>POWER TC, kräftiges Modell</b>			
<b>POWER TC, strong model</b>	↗ 2/0 - 5/0	↗ 2/0 - 5/0	↗ 2/0 - 5/0
165 mm, 6 <sup>1/2</sup> "	<b>NH 0929</b>		
200 mm, 8"		<b>NH 0930</b>	
245 mm, 9 <sup>3/4</sup> "			<b>NH 0940</b>

**MATHIEU**





# PINZETTEN FORCEPS



1 mm	4 mm	mit Gegengewicht gerade counterbalance straight	ohne Gegengewicht gerade light weight straight	mit Gegengewicht gebogen counterbalance curved
160 mm, 6 <sup>1</sup> / <sub>4</sub> "	4 mm	GF 8019	GF 8119	
160 mm, 6 <sup>1</sup> / <sub>4</sub> "	1 mm	GF 8020	GF 8120	GF 8071
185 mm, 7 <sup>1</sup> / <sub>4</sub> "	1 mm	GF 8021	GF 8121	GF 8025
210 mm, 8 <sup>1</sup> / <sub>2</sub> "	1 mm	GF 8023	GF 8123	
230 mm, 9"	1 mm	GF 8024		
250 mm, 10"	1 mm	GF 8029		

### DE BAKEY

mit feinem Plateau with delicate Plateau	gerade mit Gegengew. straight counterbalance	gerade ohne Gegengew. straight light weight	gerade, sehr fein ohne Gegengew. straight, delicate light weight	gebogen mit Gegengew. curved counterbalance	gebogen ohne Gegengew. curved light weight	kräftig 2 mm mit Gegengew. strong 2 mm counterbalance
145 mm, 5 <sup>3</sup> / <sub>4</sub> "	GF 8044					
160 mm, 6 <sup>1</sup> / <sub>4</sub> "	GF 8046	GF 8146		GF 8047	GF 8147	
185 mm, 7 <sup>1</sup> / <sub>4</sub> "	GF 8048	GF 8148		GF 8049	GF 8149	
210 mm, 8 <sup>1</sup> / <sub>2</sub> "	GF 8050	GF 8150	GF 8060	GF 8051	GF 8151	GF 8080
230 mm, 9"		GF 8152		GF 8153		
250 mm, 10"		GF 8154				

### PLATEAU

mit Ring with ring	Small Ø 0,6 x 1,2 mit Gegengew. mit Plateau counterbalance with plateau	Delicate Ø 0,9 x 0,4 ohne Gegengew. mit Plateau light weight with plateau	Small Ø 0,6 x 1,2 ohne Gegengew. ohne Plateau light weight without plateau	Small Ø 0,6 x 1,2 ohne Gegengew. mit Plateau light weight with plateau	Medium Ø 1,2 x 1,8 mit Gegengew. counterbalance	Medium Ø 1,2 x 1,8 ohne Gegengew. light weight
150 mm, 6"	GF 8002			GF 8102	GF 8003	GF 8103
160 mm, 6 <sup>1</sup> / <sub>4</sub> "	GF 8004			GF 8104	GF 8005	GF 8105
180 mm, 7"	GF 8001	GF 8030	GF 8101-1	GF 8101	GF 8000	GF 8100
210 mm, 8 <sup>1</sup> / <sub>2</sub> "	GF 8010			GF 8110	GF 8011	GF 8111
230 mm, 9"	GF 8012			GF 8112	GF 8016	
250 mm, 10"	GF 8013			GF 8113	GF 8018	
300 mm, 12"	GF 8022					

### RINGTIP

onto request Ring Tips also in Large (1,8 x 2,5) available

ohne Plateau without Plateau	gerade straight
115 mm, 4½"	<b>MN 8502</b>
185 mm, 7"	<b>GF 8148-1</b>
210 mm, 8½"	<b>GF 8150-1</b>
230 mm, 9"	<b>GF 8152-1</b>
250 mm, 10"	<b>GF 8154-1</b>

**SMOOTH**

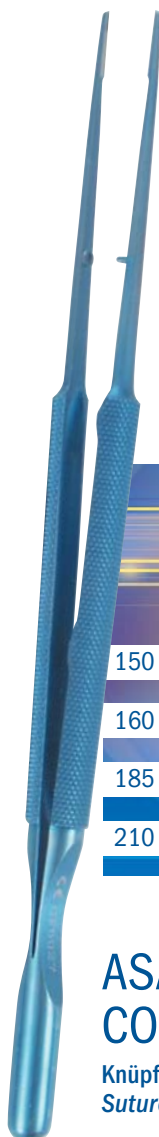
1mm Spitze 1 mm tip	gerade straight
210 mm, 8½"	<b>GF 8191</b>

**GERALD**

	gerade mit Gegengew. straight counterbalance	gerade ohne Gegengew. straight light weight	Ø 0,3 x 0,7 mit Mikroring mit Gegengew. with Micro-Rintip counterbalance
150 mm, 6"	<b>GF 8026</b>	<b>GF 8036</b>	
160 mm, 6½"		<b>GF 8035</b>	
185 mm, 7¼"	<b>GF 8027</b>	<b>GF 8037</b>	
210 mm, 9¼"	<b>GF 8028</b>	<b>GF 8038</b>	<b>GF 8009</b>

**ASANUS  
 COMBI-SPECIAL**


Knüpf- u. Nahtpinzetten  
 Suture and Tying Forceps



<b>atraumatisch</b> <b>atraumatic</b>	
250 mm, 10"	<b>GF 8158</b>
300 mm, 12"	<b>GF 8160</b>

**RESANO  
CROSS-ACTION**







<b>mit Ring</b> <b>with ring</b>	<b>gerade</b> <b>straight</b>	
185 mm, 7"	<b>GF 8014</b>	
210 mm, 8 1/2"	<b>GF 8015</b>	

**ELEGANCE  
SURE GRIP  
CROSS-ACTION**

für Off-Pump- und in der tiefen Chirurgie gewährleistet höheren Druck auf die Arbeitsenden bei weniger Kraftaufwand

*for off pump and deep surgery more compression allows optimal indications by lesser force*



	<b>Knüpfpinzette</b> <b>tying forcep</b>			
250 mm, 10"	<b>GF 8129</b>			
305 mm, 12"	<b>GF 8130</b>			
305 mm, 12"				<b>GF 8131</b>

**ELEGANCE  
CROSS-ACTION**



**mit Ring**  
**with Ring**

Ø 1,2 x 1,8 mm  
Bajonett gebogen,  
mit Rundgriff  
*Bajonett shaped, curved  
with round handle*

200 mm, 8" **PZ 8005**

**WAHL**

für feines Gewebe  
*for soft tissue*

**mit Plateau**  
fein, gerade  
**with plateau**  
*fine, straight*

180 mm, 7" **GF 8031**

200 mm, 8" **GF 8032**

**MICRO DELICATE**

für die Präparation der  
Mammaria Arterie

*for dissection and preparation of  
Mammaria Arteria*



gerade  
*straight*

200 mm, 8" **GF 8890**

240 mm, 9 1/2" **GF 8892**

**ANATOMIC**

De Bakey Atraumatic gerade <i>De Bakey Atraumatic straight</i>	Knüpfplateau gerade <i>tying tip straight</i>	Ringtip gerade <i>Ringtip straight</i>
--	---	--

185 mm, 7" **GF 8189** **GF 8017**

210 mm, 8 1/4" **GF 8190** **GF 8196**

**GERALD**



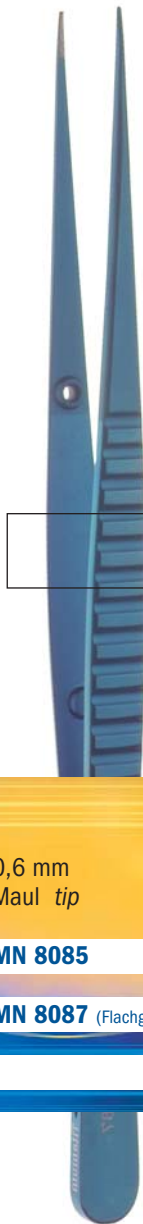
	fein, bajonett gebogen <i>fine bajonette shape 0,7 mm</i>	sehr fein, gerade <i>delicate straight 1,1 mm</i>
220 mm, 8 3/4"	<b>MN 8660</b>	<b>MN 8661</b>



<b>1 x 2 Zähne gerade 1 x 2 teeth straight</b>	0,6 mm Maul tip	1,0 mm Maul tip	1,5 mm Maul tip
150 mm, 6"	<b>MN 8085</b>	<b>MN 8086</b>	
160 mm, 6"	<b>MN 8087</b> (Flachgriff/flat handle)		
210 mm, 8 1/4"			<b>GF 8058</b>



**mit Gegengewicht  
with Counter Balance**



**Flachgriff  
flat handle**

	gerade <i>straight</i>
150 mm, 6"	<b>GF 8175</b>
190 mm, 7 1/2"	<b>GF 8170</b>

**MC INDOE**



**LINZ**

	gerade straight Flat tip Diamond Dust tip	gerade straight De Bakey tip atraumatic	gerade straight Ring tip Diamond Dust tip
185 mm, 7"	<b>GFB 4318</b>	<b>GFB 4518</b>	<b>GFB 4418</b>
210 mm, 8 1/4"	<b>GFB 4321</b>	<b>GFB 4521</b>	<b>GFB 4421</b>
230 mm, 9"	<b>GFB 4323</b>	<b>GFB 4523</b>	<b>GFB 4423</b>

**GERALD**

Nahtpinzette Needle Pulling Forceps POWER-TC	1,5 mm Breite width	2,0 mm Breite width	2,7 mm Breite width	3,5 mm Breite width
160 mm, 6 1/4"	<b>PZ 0416</b>	<b>PZ 0426</b>	<b>PZ 0436</b>	<b>PZ 0446</b>
200 mm, 8"	<b>PZ 0417</b>	<b>PZ 0427</b>	<b>PZ 0437</b>	<b>PZ 0447</b>
240 mm, 9"	<b>PZ 0418</b>	<b>PZ 0428</b>	<b>PZ 0438</b>	<b>PZ 0448</b>

**ASANUS DE BAKEY-COMBI**



mit Ring Ø 1,0 x 0,5 mm ohne Plateau with ring Ø 1,0 x 0,5 mm without plateau	mit Gegengewicht gerade with counterbalance straight	mit Gegengewicht gebogen with counterbalance curved	ohne Gegengewicht gerade light weight straight	ohne Gegengewicht gerade light weight straight
150 mm, 6"	GFB 5315	GFB 5315-1	GFB 5115	
185mm, 7 1/4"	GFB 5318	GFB 5318-1	GFB 5118	
210 mm, 8 1/2"	GFB 5321	GFB 5321-1	GFB 5121	GFB5121-1
230 mm, 9"	GFB 5323	GFB 5323-1	GFB 5123	
250 mm, 10"	GFB 5325	GFB 5325-1	GFB 5125	

### RINGTIP



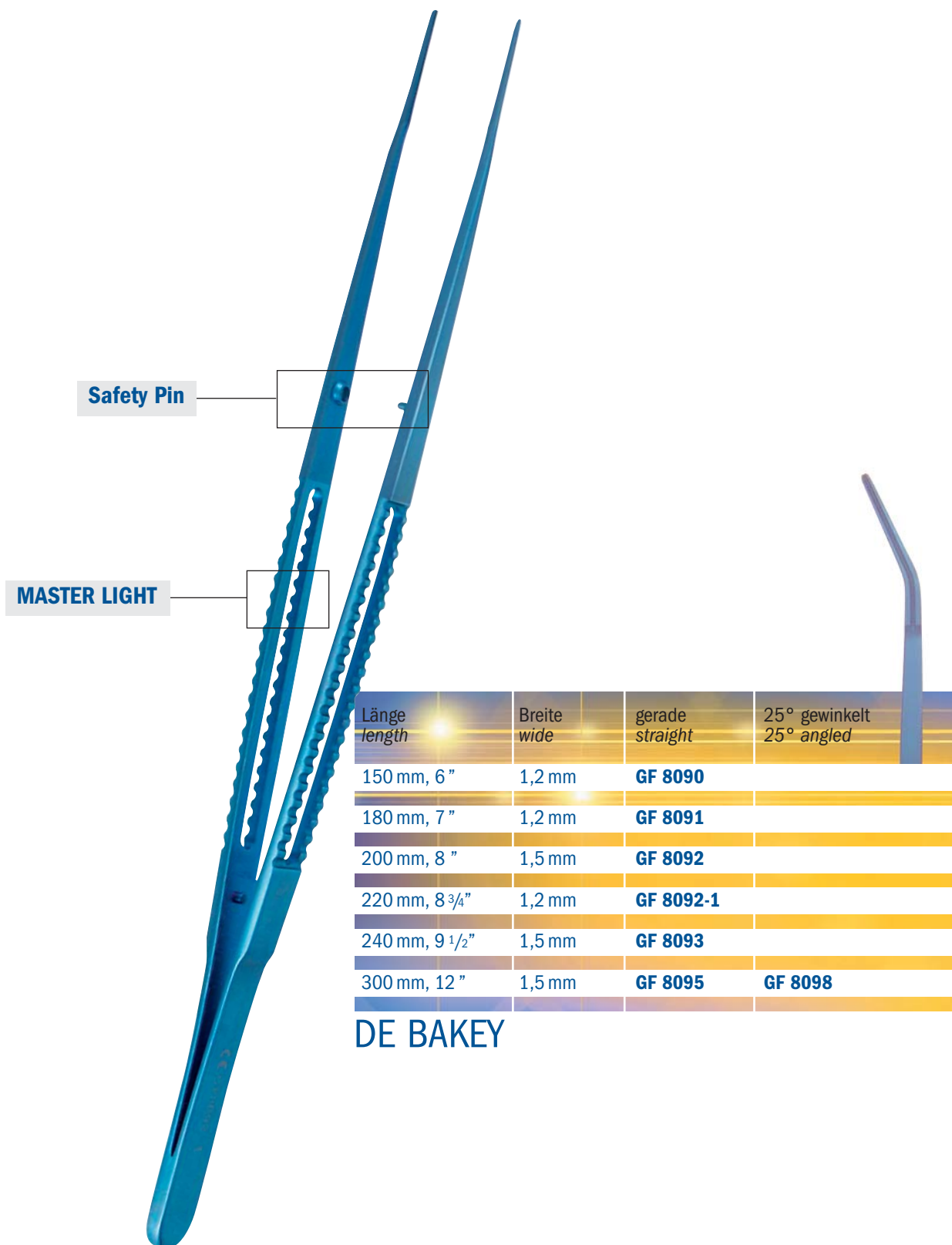
mit feinem Plateau with delicate plateau	mit Gegengewicht gerade with counterbalance straight	mit Gegengewicht gebogen with counterbalance curved	ohne Gegengewicht gerade light weight straight	ohne Gegengewicht gebogen light weight curved
150 mm, 6"	GFB 6215	GFB 6215-1	GFB 6315	
180 mm, 7"	GFB 6218	GFB 6218-1	GFB 6318	GFB 6618
210 mm, 8 1/2"	GFB 6221	GFB 6221-1	GFB 6321	GFB 6621
230 mm, 9"	GFB 6223	GFB 6223-1	GFB 6323	
250 mm, 10"	GFB 6225	GFB 6225-1	GFB 6325	

### PLATEAU

	mit Gegengewicht with counterbalance	ohne Gegengewicht light weight
185mm, 7 1/4"	GFB 5518	GFB 6518
210 mm, 8 1/2"	GFB 5521	GFB 6521
230 mm, 9"	GFB 5523	GFB 6523
250 mm, 10"	GFB 5525	GFB 6525

### DE BAKEY



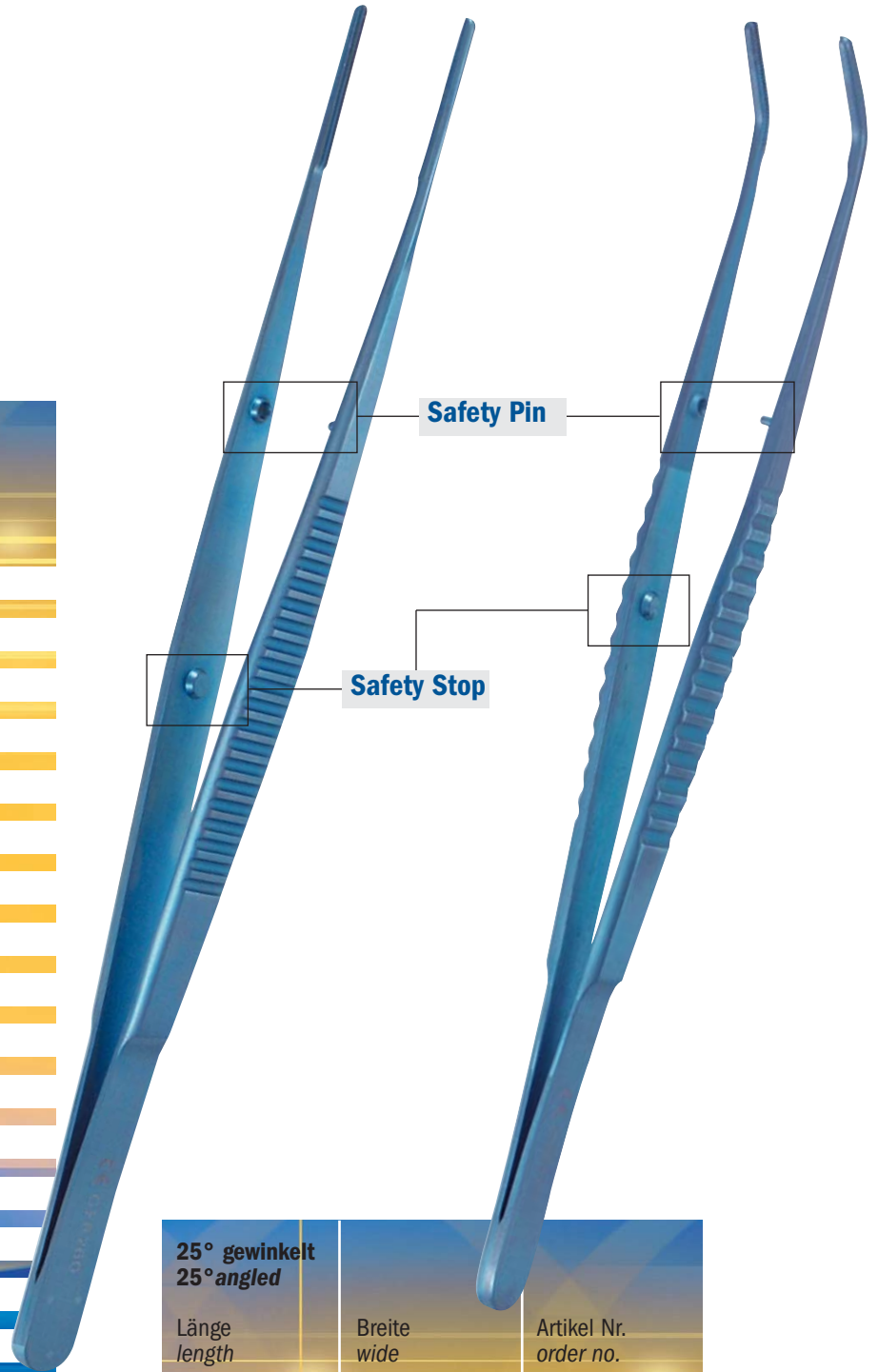


Länge <i>length</i>	Breite <i>wide</i>	gerade <i>straight</i>	25° gewinkelt <i>25° angled</i>
150 mm, 6"	1,2 mm	<b>GF 8090</b>	
180 mm, 7"	1,2 mm	<b>GF 8091</b>	
200 mm, 8"	1,5 mm	<b>GF 8092</b>	
220 mm, 8 3/4"	1,2 mm	<b>GF 8092-1</b>	
240 mm, 9 1/2"	1,5 mm	<b>GF 8093</b>	
300 mm, 12"	1,5 mm	<b>GF 8095</b>	<b>GF 8098</b>

DE BAKEY

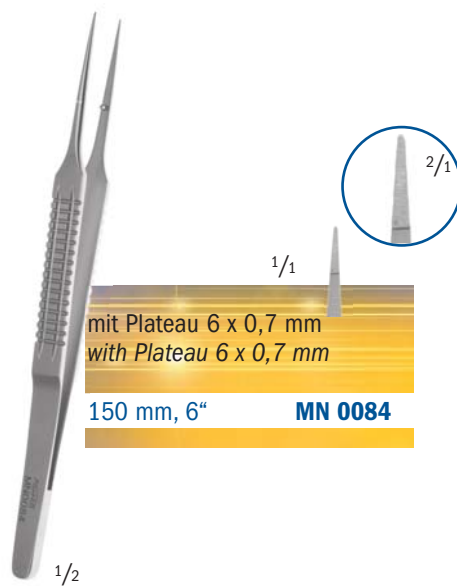
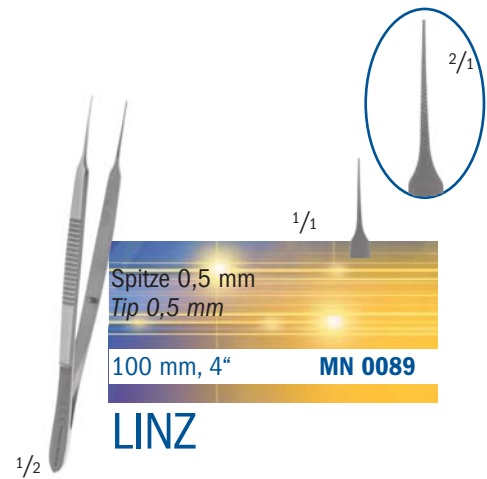
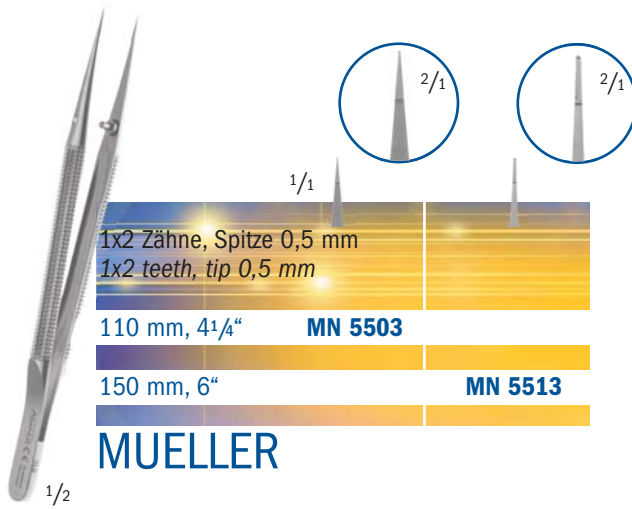
<b>gerade straight</b>		
Länge length	Breite wide	Artikel Nr. order no.
150 mm, 6"	1,0 mm	<b>GF 8739</b>
	1,5 mm	<b>GF 8830</b>
	2,0 mm	<b>GF 8740</b>
	2,9 mm	<b>GF 8790</b>
155 mm, 6"	2,5 mm	<b>GF 8778</b>
185 mm, 7"	1,5 mm	<b>GF 8832</b>
	2,5 mm	<b>GF 8780</b>
200 mm, 8"	1,0 mm	<b>GF 8820</b>
	2,0 mm	<b>GF 8760</b>
	2,9 mm	<b>GF 8791</b>
	3,5 mm	<b>GF 8800</b>
210 mm, 8 1/4"	2,5 mm	<b>GF 8781</b>
240 mm, 9 1/2"	1,0 mm	<b>GF 8824</b>
	1,5 mm	<b>GF 8835</b>
	2,5 mm	<b>GF 8782</b>
	2,9 mm	<b>GF 8792</b>
	3,5 mm	<b>GF 8810</b>
300 mm, 12"	2,0 mm	<b>GF 8763</b>
	2,9 mm	<b>GF 8793</b>
	4,0 mm	<b>GF 8794</b>

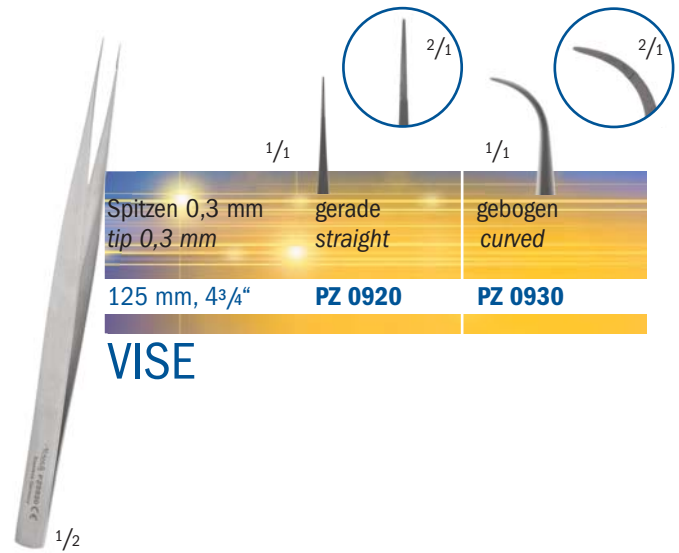
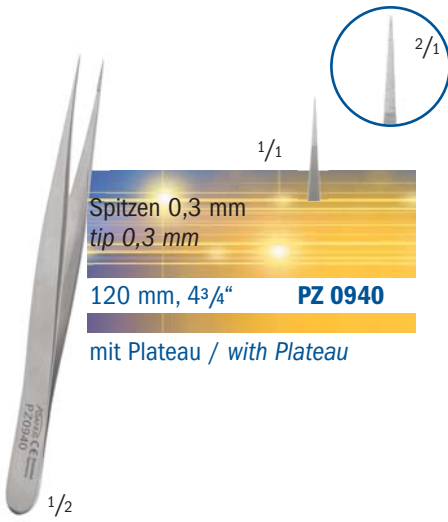
**DE BAKEY**

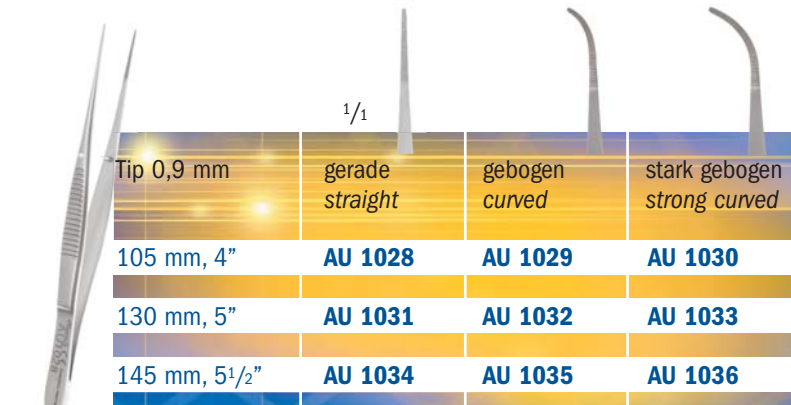


<b>25° gewinkelt 25° angled</b>		
Länge length	Breite wide	Artikel Nr. order no.
150 mm, 6"	2,0 mm	<b>GF 8750</b>
	2,5 mm	<b>GF 8785</b>
185 mm, 7"	2,5 mm	<b>GF 8787</b>
200 mm, 8"	2,0 mm	<b>GF 8770</b>
240 mm, 9 1/2"	2,5 mm	<b>GF 8788</b>

**DE BAKEY**



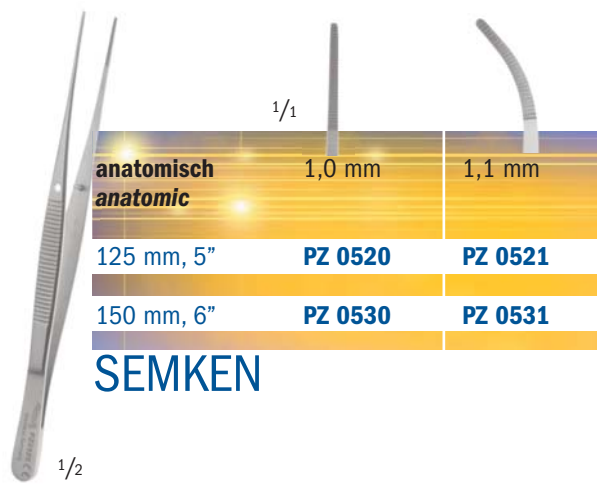




1/2

Tip 0,9 mm	gerade <i>straight</i>	gebogen <i>curved</i>	stark gebogen <i>strong curved</i>
105 mm, 4"	<b>AU 1028</b>	<b>AU 1029</b>	<b>AU 1030</b>
130 mm, 5"	<b>AU 1031</b>	<b>AU 1032</b>	<b>AU 1033</b>
145 mm, 5 <sup>1</sup> / <sub>2</sub> "	<b>AU 1034</b>	<b>AU 1035</b>	<b>AU 1036</b>

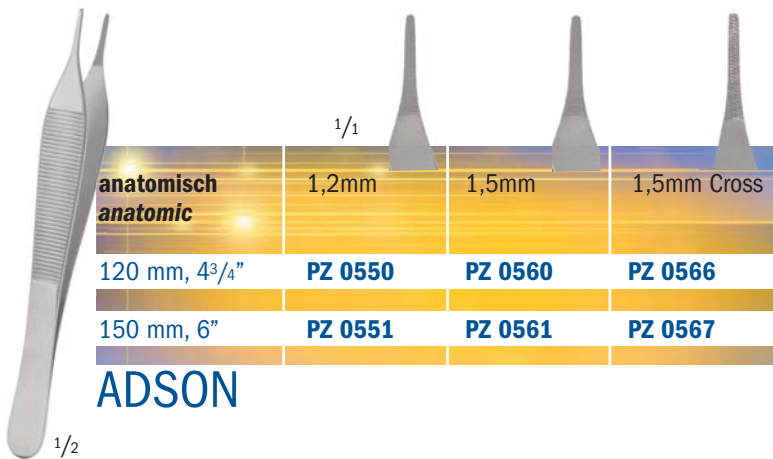
**GRAEFE**



1/2

<b>anatomisch</b> <b>anatomic</b>	1,0 mm	1,1 mm
125 mm, 5"	<b>PZ 0520</b>	<b>PZ 0521</b>
150 mm, 6"	<b>PZ 0530</b>	<b>PZ 0531</b>

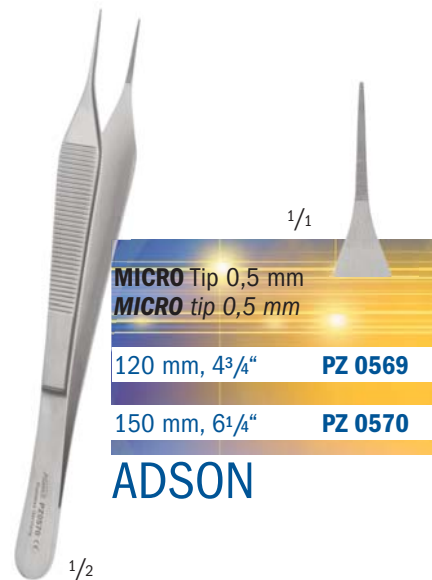
**SEMKEN**



1/2

<b>anatomisch</b> <b>anatomic</b>	1,2mm	1,5mm	1,5mm Cross
120 mm, 4 <sup>3</sup> / <sub>4</sub> "	<b>PZ 0550</b>	<b>PZ 0560</b>	<b>PZ 0566</b>
150 mm, 6"	<b>PZ 0551</b>	<b>PZ 0561</b>	<b>PZ 0567</b>

**ADSON**



1/2

<b>MICRO</b> Tip 0,5 mm <b>MICRO</b> tip 0,5 mm	
120 mm, 4 <sup>3</sup> / <sub>4</sub> "	<b>PZ 0569</b>
150 mm, 6 <sup>1</sup> / <sub>4</sub> "	<b>PZ 0570</b>


**ADSON**

1/2	fein delicate	TIP TIP	1/1							
			1,0mm	1,1mm	1,6mm	1,8mm	2,2mm	2,3mm	2,4mm	2,5mm
105 mm, 4"	<b>PZ 0201</b>									
115 mm, 4 1/2"	<b>PZ 0202</b>									
130 mm, 5 "	<b>PZ 0203</b>									
145 mm, 5 1/2"	<b>PZ 0204</b>									
160 mm, 6 1/4"	<b>PZ 0205</b>									
180 mm, 7"	<b>PZ 0206</b>									
200 mm, 8"	<b>PZ 0207</b>									
250 mm, 10"	<b>PZ 0208</b>									

**STANDARD**

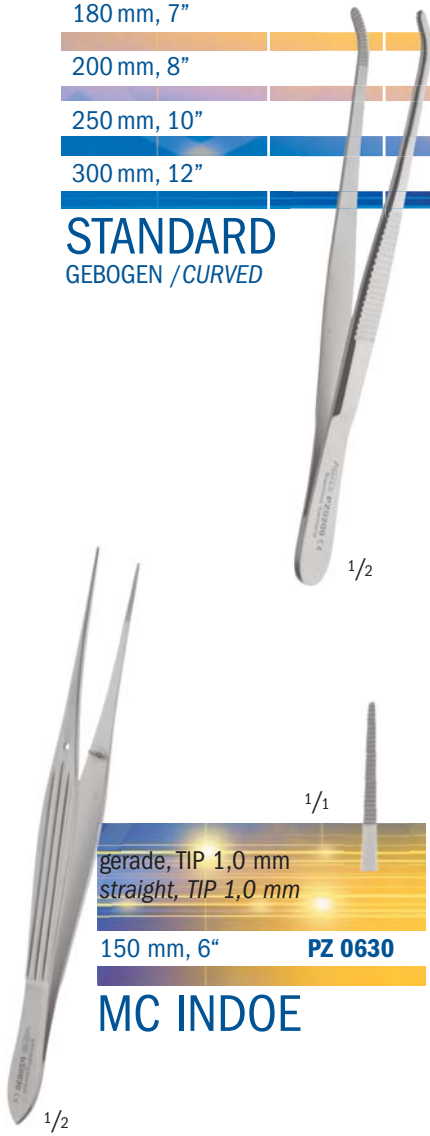
1/2	mittelbreit medium	TIP TIP	1/1								
			1,7mm	1,9mm	2,2mm	2,2mm	2,4mm	2,6mm	2,8mm	3,0mm	3,0mm
115 mm, 4 1/2"	<b>PZ 0120</b>										
130 mm, 5"	<b>PZ 0130</b>										
145 mm, 5 1/2"	<b>PZ 0140</b>										
150 mm, 6"	<b>PZ 0145</b>										
160 mm, 6 1/4"	<b>PZ 0150</b>										
180 mm, 7"	<b>PZ 0160</b>										
200 mm, 8"	<b>PZ 0170</b>										
230 mm, 9"	<b>PZ 0171</b>										
250 mm, 10"	<b>PZ 0180</b>										
305 mm, 12"	<b>PZ 0190</b>										

**STANDARD**  
GERADE / STRAIGHT



	TIP	1,7mm	1,9mm	2,2mm	2,4mm	2,6mm	2,8mm	3,0mm	3,5mm
<b>mittelbreit</b>	<b>TIP</b>								
<b>medium</b>	<b>TIP</b>								
115 mm, 4½"	<b>PZ 0199</b>								
130 mm, 5"	<b>PZ 0200</b>								
145 mm, 5½"	<b>PZ 0210</b>								
160 mm, 6¼"	<b>PZ 0212</b>								
180 mm, 7"	<b>PZ 0213</b>								
200 mm, 8"	<b>PZ 0214</b>								
250 mm, 10"	<b>PZ 0216</b>								
300 mm, 12"	<b>PZ 0217</b>								

**STANDARD**  
GEBOGEN / CURVED





1/2

1/1

1/1

TIP 1,4 mm

gerade  
straight

gebogen  
curved

180 mm, 7"

**PZ 0362**

**PZ 0363**

210 mm, 8 3/4"

**PZ 0364**

**PZ 0365**

250 mm, 10"

**PZ 0366**

**PZ 0367**

300 mm, 12"

**PZ 0368**

**PZ 0369**

## POTTS-SMITH



1/2

1/1

gerade, TIP 2,0 mm  
straight, TIP 2,0 mm

175 mm, 7"

**PZ 0586**

## CUSHING



1/2

1/1

gerade  
straight

175 mm, 7"

**PZ 0584**

## TAYLOR



1/2

1/1

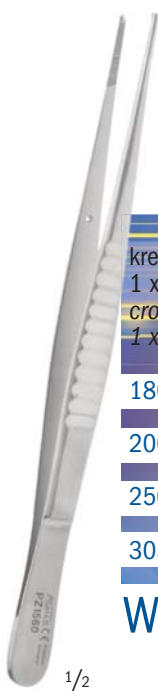
gerade  
straight

250 mm, 10"

**PZ 0660**


## CUSHING






kreuz gerieft 1 x 2 Zähne cross serrated TIP 1 x 2 teeth	TIP	1,7mm	1,9mm	2,5mm	2,6mm
180 mm, 7"		<b>PZ 1560</b>			
200 mm, 8"			<b>PZ 1570</b>		
250 mm, 10"				<b>PZ 1580</b>	
305 mm, 12"					<b>PZ 1600</b>

**WAUGH**




gerieftes Maulplateau 1 x 2 Zähne serrated plateau 1 x 2 teeth					
180 mm, 7"		<b>PZ 1542</b>			
210 mm, 8 1/4"			<b>PZ 1544</b>		
250 mm, 10"				<b>PZ 1546</b>	
300 mm, 12"					<b>PZ 1548</b>
350 mm, 14"					<b>PZ 1554</b>

**POTTS-SMITH**




gerade, TIP 1,4 mm 1 x 2 Zähne straight, TIP 1,4 mm 1 x 2 teeth		
175 mm, 7"		<b>PZ 1674</b>

**TAYLOR**



gerade straight				
150 mm, 6"		<b>PZ 1710</b>		
200 mm, 8"			<b>PZ 1720</b>	
250 mm, 10"				<b>PZ 1725</b>
300 mm, 12"				<b>PZ 1728</b>


**RUSSIAN**



1/2


	1/1	1/1	1/1
1 x 2 Zähne 1 x 2 teeth	gerade straight	gebogen curved	stark gebogen strong curved
105 mm, 4"	<b>AU 1040</b>	<b>AU 1041</b>	<b>AU 1042</b>
130 mm, 5"	<b>AU 1050</b>	<b>AU 1051</b>	<b>AU 1052</b>
145 mm, 5 1/2"	<b>AU 1060</b>	<b>AU 1061</b>	<b>AU 1062</b>

### GRAEFE



1/2


	TIP	1/1	1/1	1/1	1/1
fein 1 x 2 Zähne delicate 1 x 2 teeth		1,15mm	1,2mm	1,25mm	1,3mm
115 mm, 4 1/4"	<b>PZ 1141</b>				
130 mm, 5"		<b>PZ 1142</b>			
145 mm, 5 1/2"			<b>PZ 1143</b>		
160 mm, 6 1/4"				<b>PZ 1144</b>	



1/2

	1/1
gerade, 1 x 2 Zähne straight, 1 x 2 teeth	
125 mm, 5" TIP 0,8 mm	<b>PZ 1540</b>
145 mm, 6" TIP 1,1 mm	<b>PZ 1550</b>


### SEMKEN



1/2


	TIP	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
schmal 1 x 2 Zähne narrow 1 x 2 teeth		1,7mm	1,7mm	1,7mm	1,7mm	1,7mm	1,8mm	2,0mm	2,5mm
115 mm, 4 1/2"	<b>PZ 1130</b>								
130 mm, 5 "		<b>PZ 1140</b>							
145 mm, 5 1/2"			<b>PZ 1150</b>						
160 mm, 6 1/4"				<b>PZ 1160</b>					
180 mm, 7"					<b>PZ 1170</b>				
200 mm, 8"						<b>PZ 1180</b>			
250 mm, 10"							<b>PZ 1190</b>		
300 mm, 12"								<b>PZ 1200</b>	

### STANDARD GERADE / STRAIGHT




	TIP	1,7mm	1,7mm	1,7mm	1,7mm	1,7mm	1,8mm	2,0mm	2,5mm
schmal 1 x 2 Zähne narrow 1 x 2 teeth	TIP								
115 mm, 4 1/2"		<b>PZ 1118</b>							
130 mm, 5 "		<b>PZ 1119</b>							
145 mm, 5 1/2"		<b>PZ 1120</b>							
160 mm, 6 1/4"		<b>PZ 1121</b>							
180 mm, 7"		<b>PZ 1122</b>							
200 mm, 8"		<b>PZ 1123</b>							
250 mm, 10"		<b>PZ 1124</b>							
300 mm, 12"		<b>PZ 1125</b>							

**STANDARD** GEBOGEN / CURVED



	TIP	1,2mm	1,5mm	1,5mm
1 x 2 Zähne 1 x 2 teeth	TIP			
120 mm, 4 3/4"		<b>PZ 1051</b>	<b>PZ 1055</b>	<b>PZ 1062</b>
150 mm, 6"		<b>PZ 1052</b>	<b>PZ 1056-1</b>	

**ADSON**



1 x 2 Zähne 1 x 2 teeth	
155 mm, 6 1/4"	<b>PZ 1460</b>

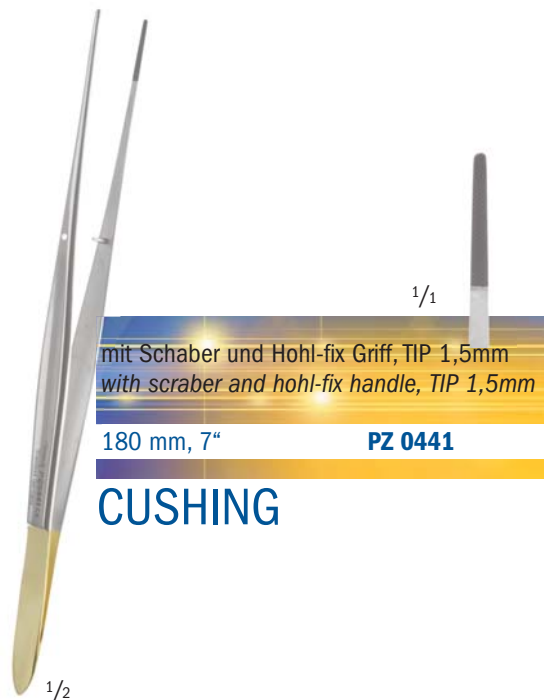
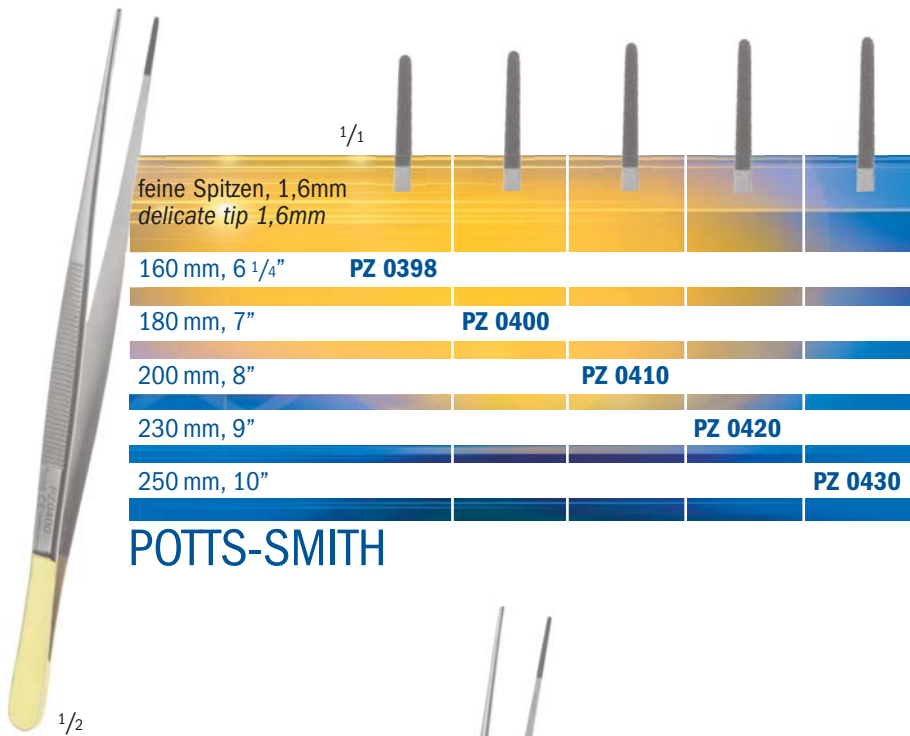
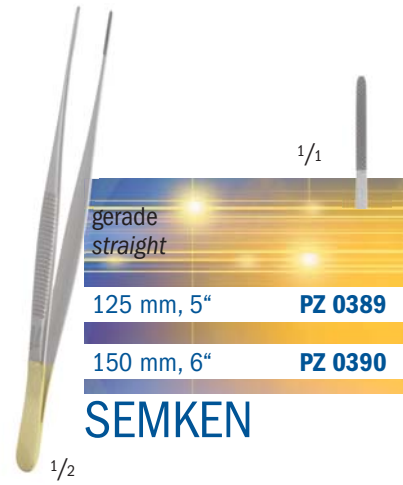
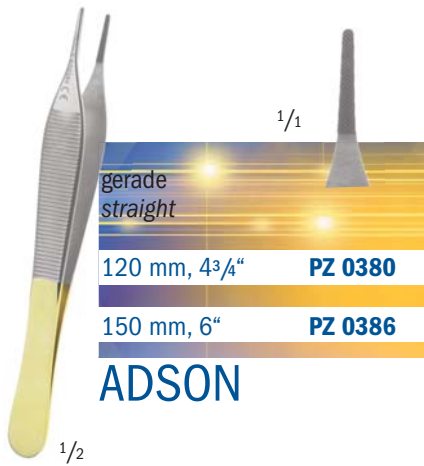
**GILLIES**



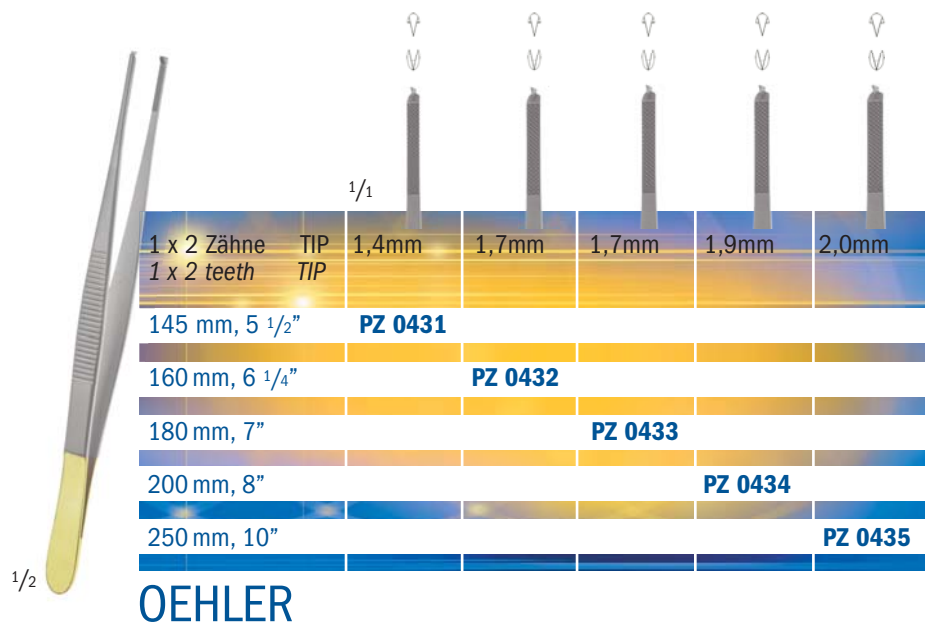
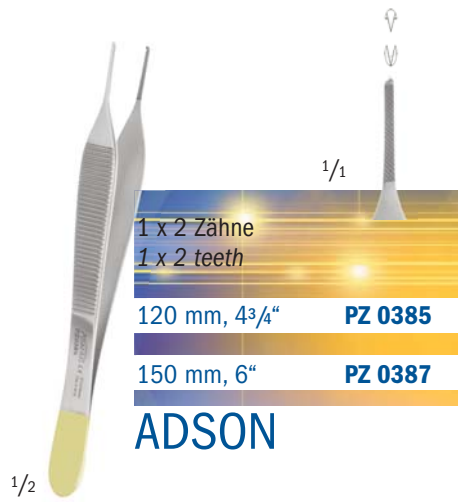
1 x 2 Zähne, TIP 1,8mm 1 x 2 teeth, TIP 1,8mm	
150 mm, 6"	<b>PZ 1470</b>

**MC INDOE**

Diese Power TC Pinzetten werden hauptsächlich für Nahtarbeiten verwendet, mit sehr langer Lebensdauer.  
These Power TC forceps are mainly used for suture work, which enables a long life duration.



Diese Power TC Pinzetten haben eine sehr hohe Abriebfestigkeit und entsprechend eine lange Lebensdauer.  
These Power TC forceps are very hard at the tips with a long life duration.





	1/1					
grade straight	1,0 mm	1,5 mm	2,0 mm	2,4 mm	2,8 mm	3,5 mm
155 mm, 6 <sup>1</sup> / <sub>4</sub> "	<b>GF 0831</b>	<b>GF 0830</b>		<b>GF 0792</b>		
160 mm, 6 <sup>1</sup> / <sub>4</sub> "			<b>GF 0740</b>		<b>GF 0850</b>	<b>GF 0882</b>
200 mm, 8"	<b>GF 0829</b>	<b>GF 0840</b>	<b>GF 0760</b>	<b>GF 0794</b>	<b>GF 0860</b>	<b>GF 0884</b>
240 mm, 9 <sup>1</sup> / <sub>2</sub> "		<b>GF 0844</b>	<b>GF 0780</b>	<b>GF 0796</b>	<b>GF 0870</b>	<b>GF 0886</b>
305 mm, 12"		<b>GF 0848</b>	<b>GF 0790</b>	<b>GF 0798</b>	<b>GF 0880</b>	<b>GF 0888</b>
350 mm, 14"			<b>GF 0889</b>	<b>GF 0899</b>		<b>GF 0891</b>

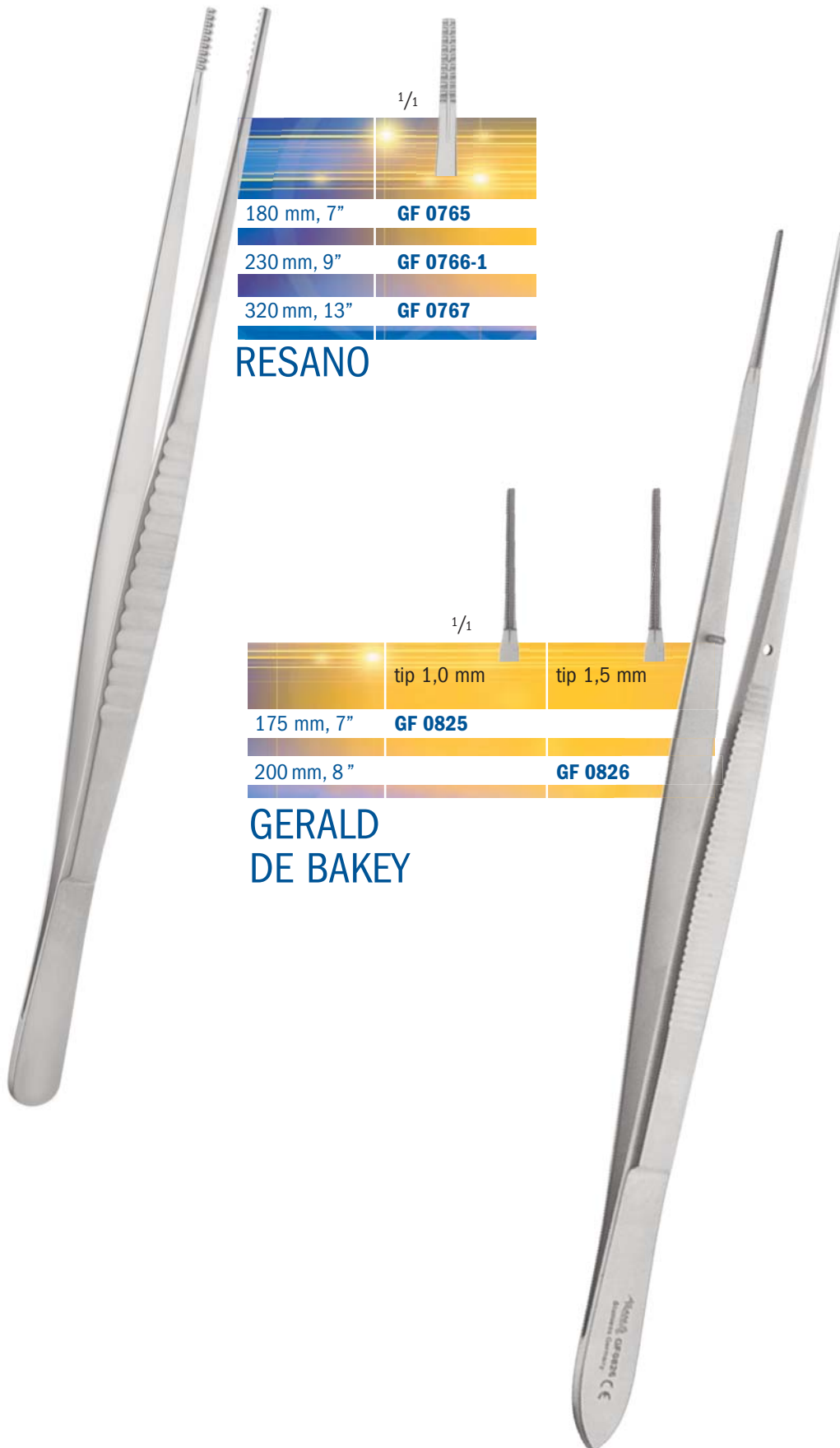
## DE BAKEY

	1/1			
gerade straight	2,8 mm	3,5 mm	1,5 mm	2,0 mm
155 mm, 6 <sup>1</sup> / <sub>4</sub> "	<b>GF 0872</b>	<b>GF 0799</b>	<b>GF 0851</b>	<b>GF 0750</b>
200 mm, 8"	<b>GF 0874</b>	<b>GF 0800</b>	<b>GF 0852</b>	<b>GF 0770</b>
240 mm, 9 <sup>1</sup> / <sub>2</sub> "	<b>GF 0876</b>	<b>GF 0810</b>	<b>GF 0853</b>	<b>GF 0776</b>
300 mm, 12"	<b>GF 0878</b>	<b>GF 0821</b>	<b>GF 0854</b>	<b>GF 0778</b>

## DE BAKEY

	1/1	
gerade straight	2,0 mm	2,7 mm
200 mm, 8"	<b>GF 0757</b>	<b>GF 0759</b>

## COOLEY



	1/1
180 mm, 7"	<b>GF 0765</b>
230 mm, 9"	<b>GF 0766-1</b>
320 mm, 13"	<b>GF 0767</b>
<b>RESANO</b>	

	1/1	
	tip 1,0 mm	tip 1,5 mm
175 mm, 7"	<b>GF 0825</b>	
200 mm, 8"		<b>GF 0826</b>
<b>GERALD DE BAKEY</b>		

**Bipolares Koagulations-Pinzettensystem mit auswechselbaren Spitzen**

*Bipolar coagulation forceps system with exchangeable tips*

**PROBLEMATIK** beim bipolaren Koagulieren mit herkömmlichen Bipolarpinzetten

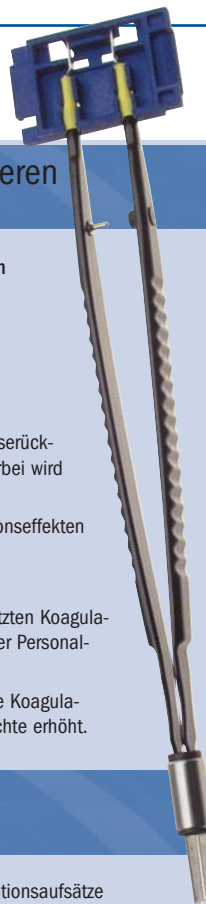
**PREVIOUS SITUATION** with bipolar coagulation forceps and its problems

Pinzettenspitzen werden durch das Koagulieren stark mit Nekrosen verunreinigt. Dadurch folgt:

- Koagulieren wird erheblich erschwert, zeitlich verzögert und die Koagulationsergebnisse sind zum Teil unbefriedigend
- Hygienische Risiken werden vergrößert durch Verschleppung von Nekrosrückständen an den Pinzettenspitzen
- Das Reinigen der herkömmlichen Pinzettenspitzen von den Nekrosrückständen kann meist nur noch durch Metallbürsten erfolgen. Hierbei wird die Isolationsschicht der Pinzetenbranchen stark beschädigt
- Schadhafte Isolationsschichten können zu ungewollten Koagulationseffekten am Patienten führen
- Hohe Instandhaltungskosten durch Isolationsreparaturen
- Das Reinigen und Aufbereiten der mit Nekrosepartikeln verschmutzten Koagulationspinzetten erfordert einen erheblichen Zeit und somit ein hoher Personaleinsatz.
- Für jede erforderliche Pinzettenspitzenbreite ist eine preisintensive Koagulationspinzette erforderlich, was die Investitionen und die Siebgewichte erhöht.

**Bipolar tips are often been strongly poluted by necroses due to coagulation. The results are**

- *Coagulation procedure becomes more difficult, takes more time and the coagulation results are often not satisfied at all*
- *Hygienic risks increase due to transmission of necrose particals form one to the other patient*
- *Cleaning of the tips is mostly to been done by metall-brushes. This procedure destroys very often the isolation at near by the coagulation tips*
- *Damaged isolation field may allow uncontrolled coagulations at patients- high risk*
- *High service costs for new isolation of old forceps*
- *High time consume for cleaning the bipolar forceps and remove necroses polution*
- *For each different tip width is a complete new bipolar forcep modell necessary. This increase investment and the weight of the instrument set including the maintainance and sterilization expense.*



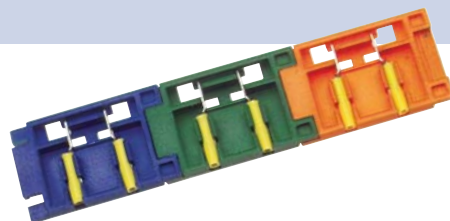
**VORTEILE ASANUS-BiTIP Koagulations-System**

**NEW ASANUS BiTIP Coagulation System**

- Nur ein Pinzettenträger erforderlich und drei verschiedene Koagulationsaufsätze intraoperativ wählbar und auswechselbar
- Keine Reinigung mehr erforderlich
- Optimale Koagulationsmöglichkeit durch permanent saubere Pinzettenspitzen
- Optimale Führung der Spitzen durch Führungspin im vorderen Branchenbereich
- Pinzettenträger wird optimal geschont, durch Isolationsüberzug der Pinzettenspitzen
- Mehrfach sterilisierbar und einsetzbar
- Hohe Wirtschaftlichkeit durch Entfall der Reinigungskosten und sehr hoher Standzeit der Pinzettenträger
- Pinzettenträger sind in gerader, gewinkelter und bajonettförmiger Form als ein kompaktes System für alle Spitzenaufsätze erhältlich
- Magazine sind farblich nach Pinzetenbreiten getrennt
- Das BiTIPMagazin-System ist auch in Kombination von verschiedenen Pinzettenspitzenbreiten zusammensteckbar und so als ein ganzheitliches System für jeden Einsatz individuell einsetzbar.
- Sichere doppelte Halteschutzfunktion zwischen Pinzettenträger und den Pinzetenaufsätzen garantiert eine sichere Handhabung beim Koagulieren

- *One basic forceps unit is intraoperative usable with different available tips*
- *No cleaning and maintainance of the tips necessary*
- *Optimal coagulation results, due to permanent clean tips*
- *Optimal guide between the two forcep shanks with ASANUS safety pin*
- *Basic forceps are been secured throug isolation cover of the tips*
- *Tips are multi usable and sterilizable*
- *High economical aspects due to long durability of the basic forceps and no more cleaning*
- *Basic forceps are usable with all different tip measurements. Lesser forceps are been necessary with a wider tip possibility*
- *BiTIP magazins are cloured from shiny (delicate) to dark (wide) to recognize easily the type of the tip*
- *BiTIP magazins may be combinated and sticked together with different tip measurements*
- *Safety double connection system assures optimal fixation between the basic forceps and the exchangeable tips*

Magazine (Pkg = 10 Paar)  
BiTIP box = 10 pair



Breiten	Farben	
Width of tip	colour	
0,1 mm	Weiß / white	<b>KG 0147</b>
0,5 mm	Orange / orange	<b>KG 0150</b>
1,0 mm	Grün / green	<b>KG 0152</b>
2,0 mm	Blau / blue	<b>KG 0156</b>



**KG 0161**  
BiTIP MAGAZINLADER und Entferner, sterilisierbar für die BiTIP Magazine und Pinzettenträger  
BiTIP CHARGER and REMOVER, sterilizable 134° for BiTIP magazines and forceps



BiTIP Pinzetten  
BiTIP Forceps

KG

10 Paar jeweils in Sterilisierbox  
10 pairs with sterilisation and storage box

0,1mm weiß/ white  
0,5mm orange/ orange  
1,0mm grün/ green  
2,0mm blau/ blue

gewinkelt  
angled  
**KG 0148**  
**KG 0151**  
**KG 0153**  
**KG 0157**



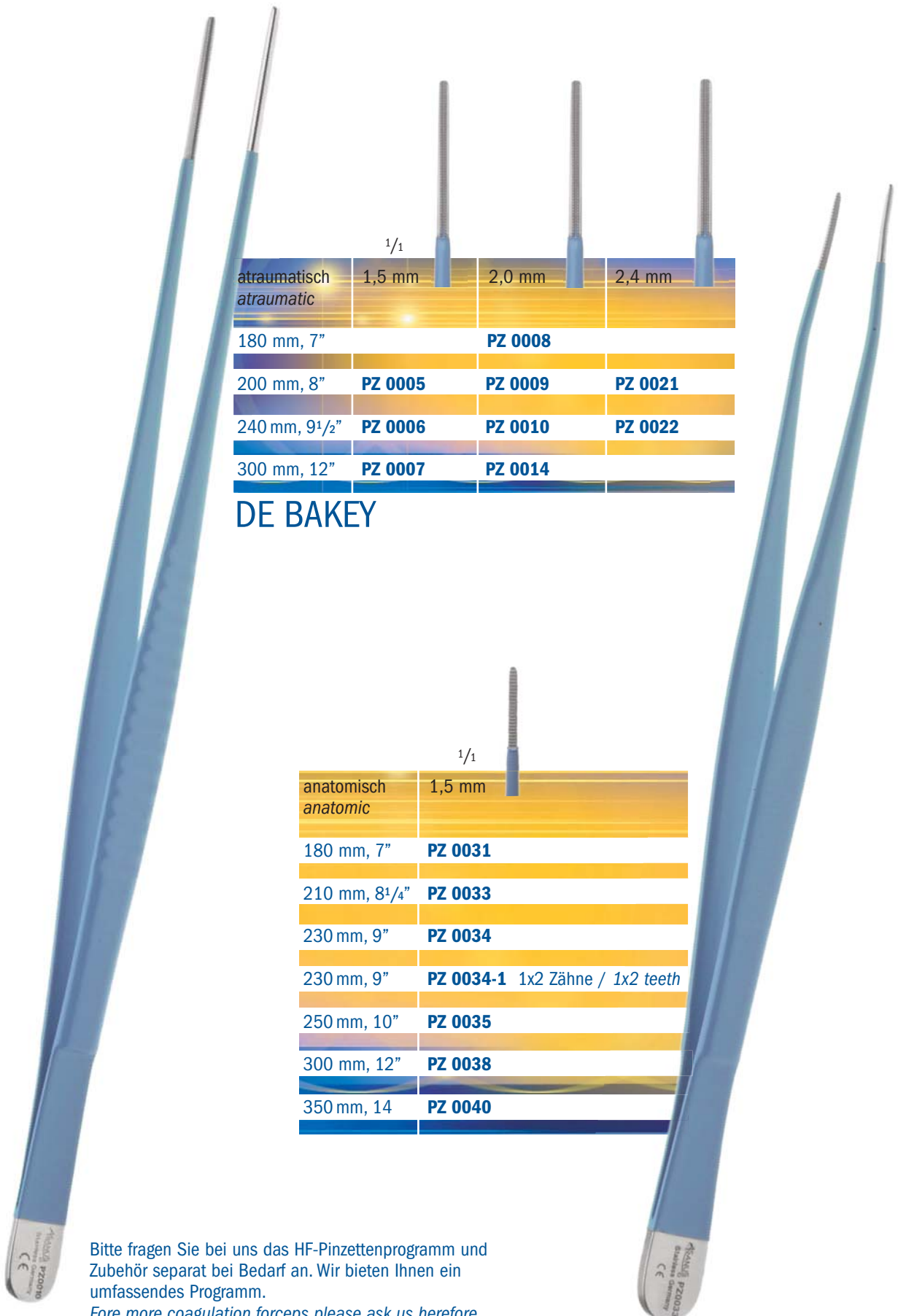
gewinkelt, steril  
angled, sterile  
**KG 0148S**  
**KG 0151S**  
**KG 0153S**  
**KG 0157S**

**KG 0159**  
50 mm lang  
biegsam, steril  
glatte Maulfläche  
verpackt 1 Paar/  
50 mm long  
malleable, sterile  
smooth surface,  
packed 1 pair



**KG 0158**  
50 mm lang  
biegsam, steril  
geriefte Maulfläche  
verpackt 1 Paar/  
50 mm long  
malleable, sterile  
serrated surface  
packed 1 pair

gerade straight Längen length			bajonett gebogen bajonett shaped Längen total length	Arbeitslänge working length	
	schmal small	breit wide			
110 mm	<b>KG 0120</b>	<b>KG 0120B</b>			
160 mm	<b>KG 0122</b>	<b>KG 0122B</b>	160 mm	35 mm	<b>KG 0140</b>
195 mm	<b>KG 0124</b>	<b>KG 0124B</b>	195 mm	75 mm	<b>KG 0142</b>
220 mm	<b>KG 0126</b>	<b>KB 0126B</b>	215 mm	95 mm	<b>KG 0143</b>
250 mm	<b>KG 0128</b>	<b>KG 0128B</b>	235 mm	115 mm	<b>KG 0144</b>
300 mm	<b>KG 0130</b>	<b>KG 0130B</b>	255 mm	135 mm	<b>KG 0145</b>



	1/1		
atraumatisch atraumatic	1,5 mm	2,0 mm	2,4 mm
180 mm, 7"	<b>PZ 0008</b>		
200 mm, 8"	<b>PZ 0005</b>	<b>PZ 0009</b>	<b>PZ 0021</b>
240 mm, 9 1/2"	<b>PZ 0006</b>	<b>PZ 0010</b>	<b>PZ 0022</b>
300 mm, 12"	<b>PZ 0007</b>	<b>PZ 0014</b>	

## DE BAKEY

	1/1	
anatomisch anatomic	1,5 mm	
180 mm, 7"	<b>PZ 0031</b>	
210 mm, 8 1/4"	<b>PZ 0033</b>	
230 mm, 9"	<b>PZ 0034</b>	
230 mm, 9"	<b>PZ 0034-1</b>	1x2 Zähne / 1x2 teeth
250 mm, 10"	<b>PZ 0035</b>	
300 mm, 12"	<b>PZ 0038</b>	
350 mm, 14"	<b>PZ 0040</b>	

Bitte fragen Sie bei uns das HF-Pinzettenprogramm und Zubehör separat bei Bedarf an. Wir bieten Ihnen ein umfassendes Programm.

For more coagulation forceps please ask us herefore.  
We can provide you a wide regal of bipolar forceps too.

SCHEREN  
SCISSORS

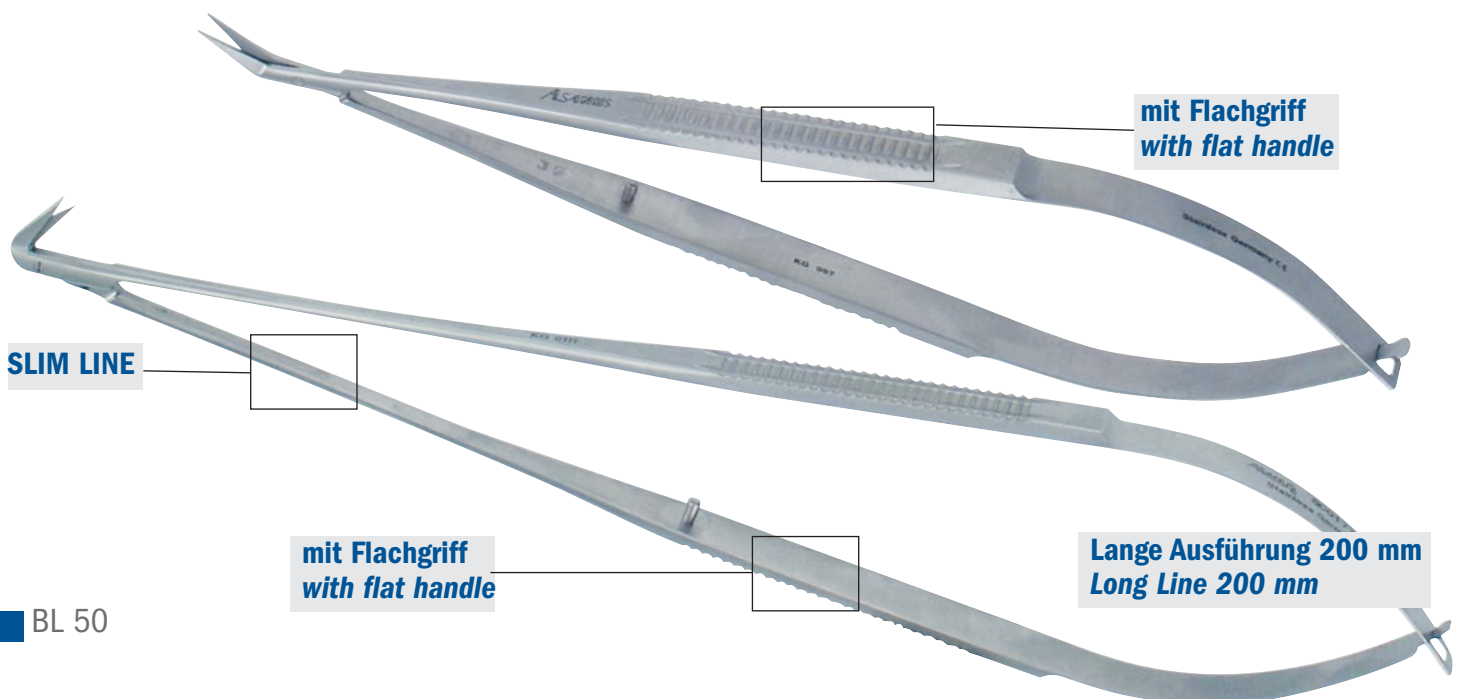


Blattlänge / blade length								
10 mm								
<b>Mikro Schere, mit Flachgriff</b> <b>micro scissors with flat handle</b>	gebogen curved	25°	45°	60°	90°	125° Cirkumflex	125° eng narrow Cirkumflex	180° for off pump surgery
standard line 165 mm, 6 1/2"		<b>SC 0031</b>	<b>SC 0032</b>	<b>SC 0033</b>	<b>SC 0034</b>	<b>SC 0035</b>	<b>SC 0036</b>	<b>SC 0037</b>
long line 200 mm, 8"			<b>SC 0173</b>	<b>SC 0174</b>	<b>SC 0175</b>	<b>SC 0176</b>	<b>SC 0177-1</b>	<b>SC 0177</b>
	<b>Kugelschutz safety bead tip</b>	mit Kugelschutz für untere Gefäßwand with safety ball tip for downer vascular wall						
165 mm, 6 1/2"		<b>SC 0134</b>	<b>SC 0135</b>	<b>SC 0136</b>	<b>SC 0137</b>	<b>SC 0138</b>	<b>SC 0139</b>	<b>SC 0141</b>
200 mm, 8"		<b>SC 0214</b>	<b>SC 0215</b>	<b>SC 0216</b>	<b>SC 0217</b>	<b>SC 0218</b>	<b>SC 0219</b>	<b>SC 0211</b>










## MICRO SWAN

Blattlänge / blade length									
7 mm									
<b>Mikro Schere, mit Flachgriff</b> <b>micro scissors with flat handle</b>	gerade straight	gebogen curved	25°	45°	60°	90°	125°	125° eng narrow	gerade straight DELICATE
standard line 165 mm, 6 1/2"		<b>SC 0004</b>	<b>SC 0005</b>	<b>SC 0006</b>	<b>SC 0007</b>	<b>SC 0008</b>	<b>SC 0009</b>	<b>SC 0010</b>	<b>SC 0089</b>
long line 200 mm, 8"			<b>SC 0103</b>	<b>SC 0104</b>	<b>SC 0105</b>	<b>SC 0106</b>	<b>SC 0107</b>	<b>SC 0101</b>	







## SLIM LINE SWAN



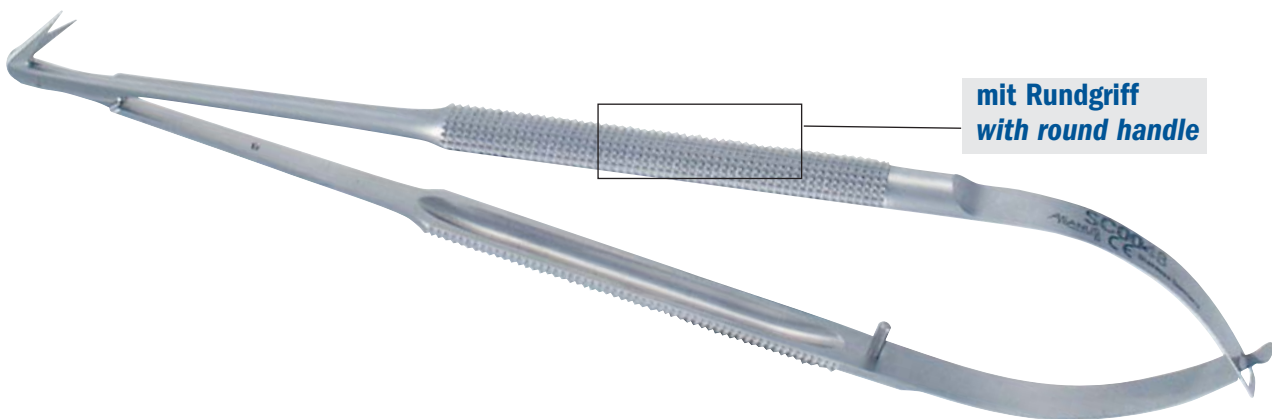
BL 50

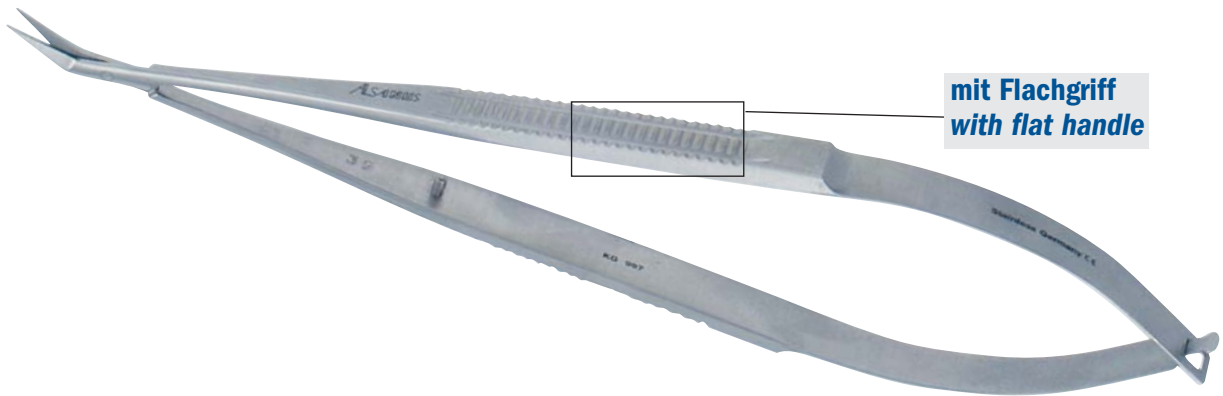
								
<b>Mikro Schere, mit Rundgriff</b> <b>micro scissors</b> <b>with round handle</b> <b>for off pump</b>	gebogen	25° <i>curved</i>	45°	60°	90°	125° Cirkumflex	125° eng narrow Cirkumflex	180° <i>for off</i>  <i>surgery</i>
kurz short 110 mm, 4 1/4"	<b>SC 0091</b>	<b>SC 0092</b>	<b>SC 0093</b>	<b>SC 0094</b>	<b>SC 0095</b>	<b>SC 0096</b>		
standard line 165 mm, 6 1/2"	<b>SC 0041</b>	<b>SC 0042</b>	<b>SC 0043</b>	<b>SC 0044</b>	<b>SC 0045</b>	<b>SC 0046</b>	<b>SC 0048</b>	<b>SC 0047</b>
long line 200 mm, 8"		<b>SC 0198</b>	<b>SC 0199</b>	<b>SC 0203</b>	<b>SC 0204</b>	<b>SC 0205</b>		
<b>Kugelschutz safety bead tip</b>	mit Kugelschutz für untere Gefäßwand <i>with safety ball tip for downer vascular wall</i>							
 165 mm, 6 1/2"		<b>SC 0144</b>	<b>SC 0145</b>	<b>SC 0146</b>	<b>SC 0147</b>	<b>SC 0148</b>	<b>SC 0149</b>	<b>SC 0151</b>
200 mm, 8"		<b>SC 0224</b>	<b>SC 0225</b>	<b>SC 0226</b>	<b>SC 0227</b>	<b>SC 0228</b>	<b>SC 0229</b>	<b>SC 0221</b>








## MICRO SWAN

						
<b>Mikro Schere, mit Rundgriff</b> <b>micro scissors,</b> <b>with round handle</b>	gebogen <i>curved</i>	25°	45°	60°	90°	125° Cirkumflex
standard line 165 mm, 6 1/2"	<b>SC 0153</b>	<b>SC 0154</b>	<b>SC 0155</b>	<b>SC 0156</b>	<b>SC 0157</b>	<b>SC 0158</b>
extra long 250 mm, 10"				<b>SC 0156-1</b>		<b>SC 0158-1</b>



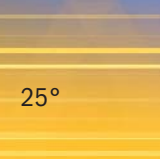
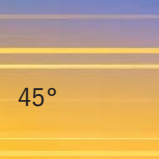
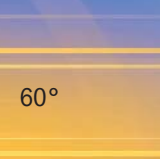
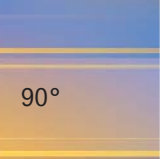

## SLIM LINE SWAN



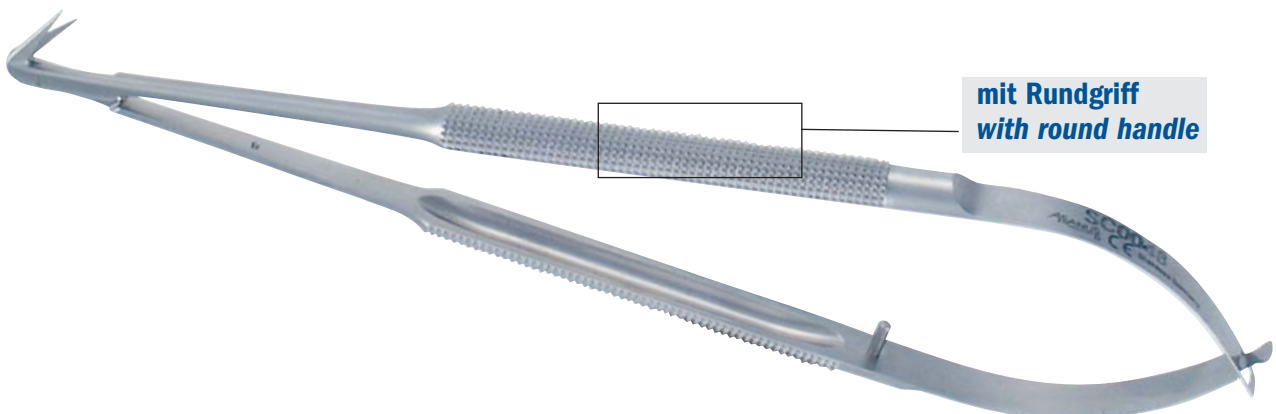


							
<b>Mikro Schere, mit Flachgriff micro scissors with flat handle</b>	gerade straight	gebogen curved	25°	45°	60°	90°	125°
Blattlänge / blade length 14 mm							
standard line 165 mm, 6 1/2"	<b>SC 0070</b>	<b>SC 0071</b>	<b>SC 0072</b>	<b>SC 0073</b>	<b>SC 0074</b>	<b>SC 0075</b>	<b>SC 0076</b>
long line 180 mm, 7"	<b>SC 0080</b>	<b>SC 0081</b>					

**STANDARD**

							
<b>Mikro Schere, mit Rundgriff micro scissors with round handle</b>	gerade straight	gebogen curved	25°	45°	60°	90°	125°
long line 180 mm, 7"			<b>SC 0092-1</b>	<b>SC 0093-1</b>	<b>SC 0094-1</b>	<b>SC 0095-1</b>	<b>SC 0096-1</b>

**STANDARD**



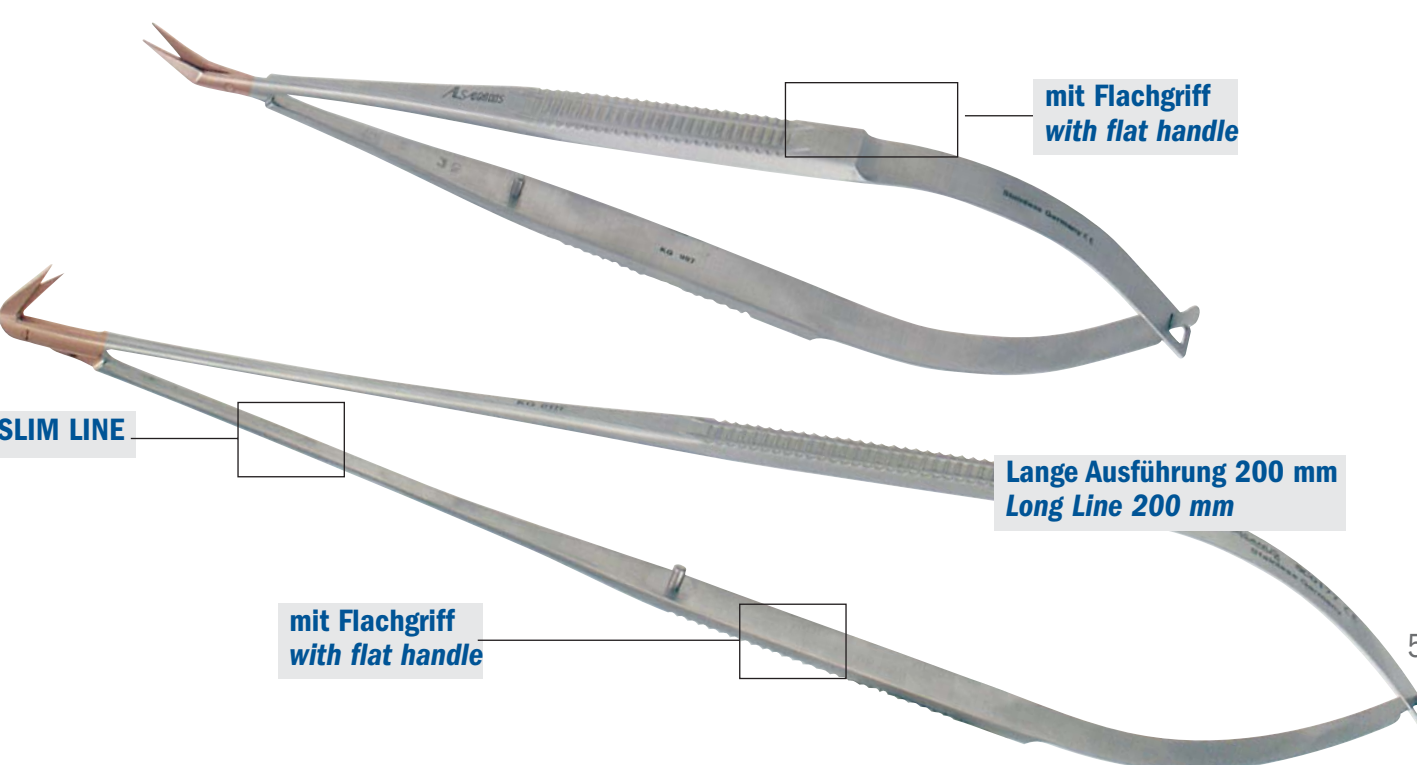
<b>Mikro Schere, mit Flachgriff</b> <b>micro scissors</b> <b>with flat handle</b>	gebogen <i>curved</i>	25°	45°	60°	90°	125° Cirkumflex	125° eng narrow Cirkumflex	180° for off pump surgery
standard line 165 mm, 6 1/2"	SC 0031T	SC 0032T	SC 0033T	SC 0034T	SC 0035T	SC 0036T	SC 0038T	SC 0037T
long line 200 mm, 8"		SC 0173T	SC 0174T	SC 0175T	SC 0176T		SC 0177T	SC 0178T

<b>Kugelschutz safety bead tip</b>	mit Kugelschutz für untere Gefäßwand <i>with safety ball tip for downer vascular wall</i>							
	165 mm, 6 1/2"	SC 0134T	SC 0135T	SC 0136T	SC 0137T	SC 0138T	SC 0139T	SC 0141T
	200 mm, 8"	SC 0214T	SC 0215T	SC 0216T	SC 0217T	SC 0218T	SC 0219T	SC 0211T

MICRO SWAN

<b>Mikro Schere, mit Flachgriff</b> <b>micro scissors</b> <b>with flat handle</b>	gebogen <i>curved</i>	25°	45°	60°	90°	125°	125° eng narrow	gerade straight DELICATE
standard line 165 mm, 6 1/2"	SC 0005T	SC 0006T	SC 0007T	SC 0008T	SC 0009T	SC 0010T		SC 0089T
long line 200 mm, 8"		SC 0103T	SC 0104T	SC 0105T	SC 0106T	SC 0107T	SC 0101T	

SLIM LINE SWAN

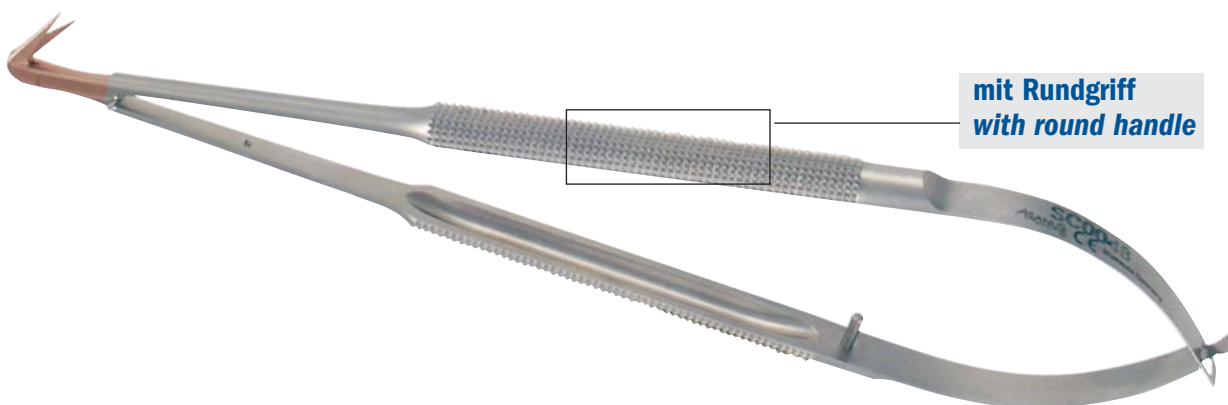


<b>Mikro Schere, mit Rundgriff</b> <b>micro scissors</b> <b>with round handle</b> <b>for off pump</b>	gebogen	25° <i>curved</i>	45°	60°	90°	125° Cirkumflex	125° eng narrow Cirkumflex	180° <i>for off pump surgery</i>
standard line 165 mm, 6 1/2"	SC 0041T	SC 0042T	SC 0043T	SC 0044T	SC 0045T	SC 0046T	SC 0048T	SC 0047T
long line 200 mm, 8"		SC 0198T	SC 0199T	SC 0203T	SC 0204T		SC 0205T	SC 0221T
<b>Kugelschutz safety bead tip</b>	mit Kugelschutz für untere Gefäßwand <i>with safety ball tip for downer vascular wall</i>							
165 mm, 6 1/2"		SC 0144T	SC 0145T	SC 0146T	SC 0147T	SC 0148T	SC 0149T	SC 0151T
200 mm, 8"		SC 0224T	SC 0225T	SC 0226T	SC 0227T	SC 0228T	SC 0229T	

## MICRO SWAN







<b>Mikro Schere, mit Rundgriff</b> <b>micro scissors,</b> <b>with round handle</b>	gebogen <i>curved</i>	25°	45°	60°	90°	125° Cirkumflex
standard line 165 mm, 6 1/2"	SC 0153T	SC 0154T	SC 0155T	SC 0156T	SC 0157T	SC 0158T
extra long 250 mm, 10"				SC 0156-1T		

## SLIM LINE SWAN

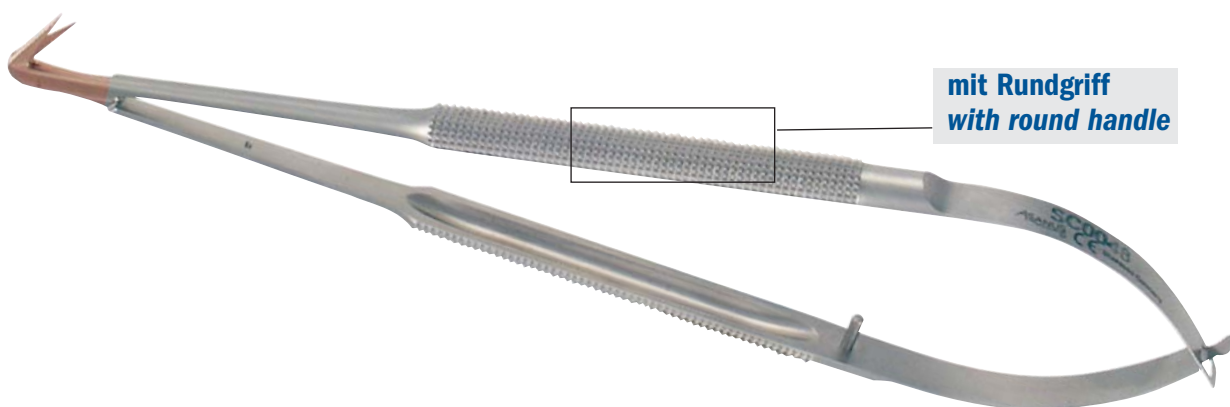







mit Rundgriff  
with round handle

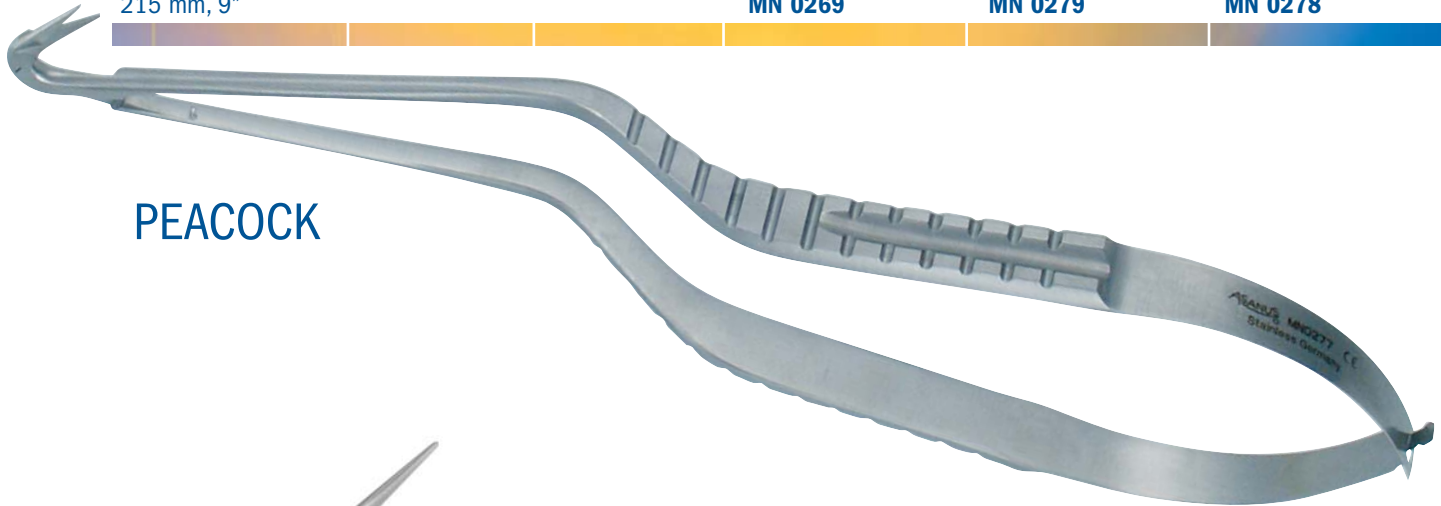


						
<b>Mikro Schere, mit Rundgriff micro scissors with round handle</b>	gebogen curved	25°	45°	60°	90°	125°
Blattlänge / blade length 14 mm						
110 mm, 4 1/4"	<b>SC 0091T</b>	<b>SC 0092T</b>	<b>SC 0093T</b>	<b>SC 0094T</b>	<b>SC 0095T</b>	<b>SC 0096T</b>
180 mm, 7"	<b>SC 0091-1T</b>	<b>SC 0092-1T</b>	<b>SC 0093-1T</b>	<b>SC 0094-1T</b>	<b>SC 0095-1T</b>	<b>SC 0096-1T</b>


## STANDARD



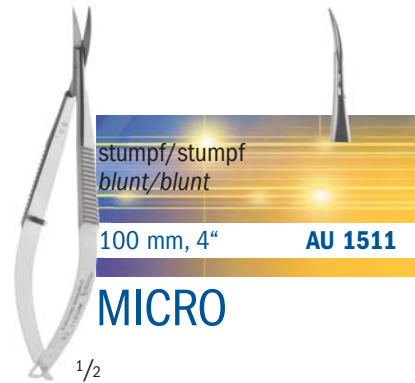
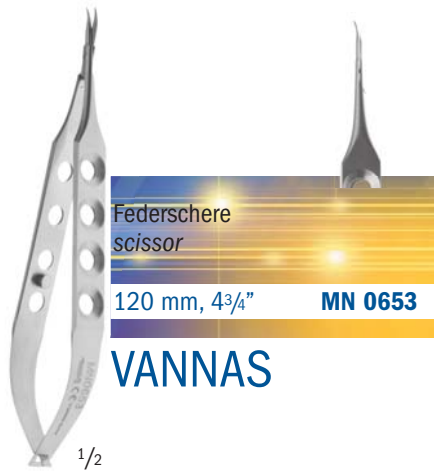
					
<b>Mikro Scheren, Bajonett micro scissors, bajonett shape</b>	125° Cirkumflex	125° Cirkumflex	45° gewinkelt 45° angled	nach oben gebogen Tenotomie Blätter curved upwards tenotomy tips	gerade Tenotomie Blätter straight tenotomy tips
205 mm, 8"	<b>MN 0277 N</b>	<b>MN 0277</b>			
215 mm, 9"			<b>MN 0269</b>	<b>MN 0279</b>	<b>MN 0278</b>



**PEACOCK**

	spitz/spitz aufgewinkelt sharp/sharp up-angled
180 mm, 7 "	<b>SC 0022</b>



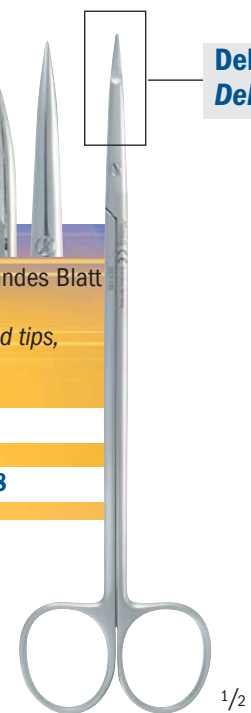


									<b>Delikate Spitze</b> <i>Delicate tip</i>
<b>gebogen</b> <i>curved</i>	Kilner-Blatt stumpf <i>blunt</i> Micro Delikate	Tenotomie Blatt stumpf <i>tenotomy tips,</i> <i>blunt</i>	Ragnell-Blatt spitz <i>Ragnell tips,</i> <i>sharp</i>	feines rundes Blatt spitz <i>fine round tips,</i> <i>sharp</i>					
145 mm, 5 <sup>3</sup> / <sub>4</sub> "		<b>SC 1126</b>							
180 mm, 7"	<b>SC 1135</b>	<b>SC 1136</b>	<b>SC 1137</b>	<b>SC 1138</b>					

**GLASGOW**

für die Präparation der  
 Mammaria Arterie

*for dissection and preparation of*  
 Mammaria Arteria



		25°	45°	60°	90°	125°
130 mm, 5"	TITANIT®	<b>SC 8821</b>	<b>SC 8831</b>	<b>SC 8841</b>	<b>SC 8851</b>	<b>SC 8861</b>
180 mm, 7"	TITANIT®	<b>SC 8822</b>	<b>SC 8832</b>	<b>SC 8842</b>	<b>SC 8852</b>	<b>SC 8862</b>
130 mm, 5"	Stahl Steel	<b>SC 3821</b>	<b>SC 3831</b>	<b>SC 3841</b>	<b>SC 3851</b>	<b>SC 3861</b>
170 mm, 6 3/4"	Stahl Steel		<b>SC 1841</b>	<b>SC 1842</b>	<b>SC 1843</b>	

**MICRO SLIM LINE POTTS**

TITANIT	25°	45°	60°	90°	125°
170 mm, 6 3/4"	<b>SC 8764</b>	<b>SC 8765</b>	<b>SC 8767</b>	<b>SC 8768</b>	<b>SC 8769</b>

**SLIM LINE POTTS**

TITANIT	25°	45°	60°	90°	125°
130 mm, 5"	<b>SC 8761</b>	<b>SC 8771</b>	<b>SC 8781</b>	<b>SC 8783</b>	<b>SC 8785</b>
185 mm, 7"	<b>SC 8760</b>	<b>SC 8770</b>	<b>SC 8780</b>	<b>SC 8710</b>	<b>SC 8711</b>

**POTTS**



<b>TITANIT</b>	25°	45°	60°	60° mit Knopf with balltip
180 mm, 7"			<b>SC 8562</b>	<b>SC 8691</b>
185 mm, 7 1/4"		<b>SC 8561</b>		
190 mm, 7 1/2"	<b>SC 8560</b>			

**POTTS-SMITH**

<b>Neo Intima Schere</b> feine flache Schneide stark gebogen <i>neo intima scissor</i> fine flat blades strongly curved		<b>S-gebogen</b>  <b>S-curved</b>
145 mm, 5 1/4"	<b>SC 2753</b>	
200 mm, 8"	<b>SC 2763</b>	<b>SC 2763S</b>

**GOLF**

**DEBUS**





**Gefäß-Schere**  
gerade 60°  
*Vascular scissor*  
straight 60°

220 mm, 8 3/4" Titanium

**SC 8805**

220 mm, 8 3/4" Power TC

**SC 0880**

**DE BAKEY**

speziell für/ specially for „Rezidive“	FINO Stahl FINO Steel	Standard Stahl Standard Steel	FINO TITANIT FINO TITANIT	Standard TITANIT <sup>®</sup> Standard TITANIT <sup>®</sup>
175mm, 6 1/2"	<b>SCB 7305</b>		<b>SCB 8150</b>	
194 mm, 7 3/4"	<b>SCB 7007</b>		<b>SCB 8007</b>	
220 mm, 8 3/4"	<b>SCB 7009</b>		<b>SCB 8009</b>	
267 mm, 10 1/2"	<b>SCB 7013</b>		<b>SCB 8013</b>	
280 mm, 11"	<b>SCB 7015</b>	<b>SCB 7025</b>	<b>SCB 8015</b>	<b>SCB 8025</b>

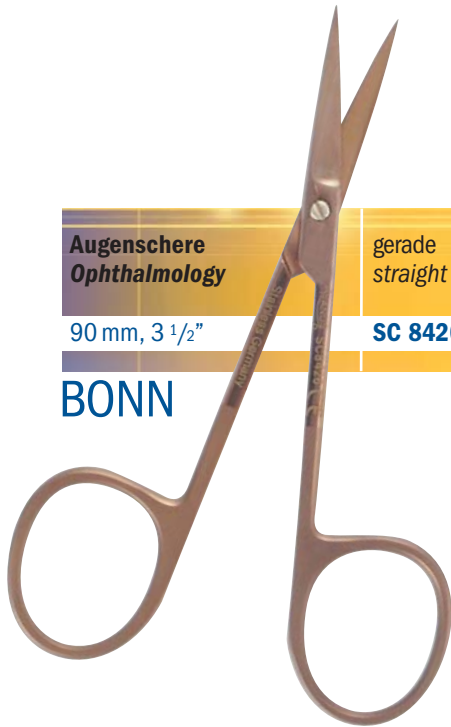
## POWER CUT

speziell geeignet für rezidive Indikation  
specially for recidive indication

Sie schneiden mühelos in vernarbtem Gewebe mit den ASANUS POWER CUT Scheren. Sie erhalten einen glatten, sauberen Schnitt, welcher sich auf die postoperative Heilung positiv auswirken kann.

*ASANUS POWER CUT scissors enable easy cutting in strongly pitted tissue. You will receive a smooth clear cutting area, which might enable a positive postoperative healing results of the tissue.*





**Augenschere**  
*Ophthalmology*

90 mm, 3 1/2"

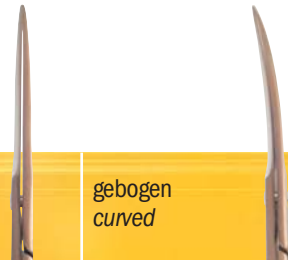
**BONN**

gerade  
straight

**SC 8426**

gebogen  
curved

**SC 8427**



**Irisschere**  
*Iris scissor*

110 mm, 4 1/4"

**IRIS**

gerade  
straight

**SC 8410**

gebogen  
curved

**SC 8411**



gerade straight  
spitz sharp tips

**SC 8438**

gebogen curved  
spitz sharp tips

**SC 8439**

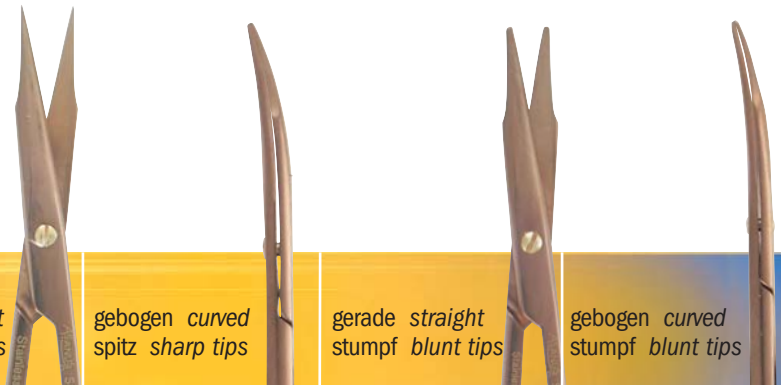
gerade straight  
stumpf blunt tips

**SC 8436**

gebogen curved  
stumpf blunt tips

**SC 8437**

115 mm, 4 1/2"



**TITANIT®**

Die Königsschere

- extrem lange Standzeiten
- lebenslang rostfrei
- extrem hart
- langjährig erprobt

**TITANIT®**

The king of scissors

- extrem long cutting duration
- no corrosion all life possible
- extrem hard
- longtime tested and in usage

**STEVENS**





**Tenotomie Blätter**  
**Tenotomy tips**

scharf; gebogen  
sharp, curved

130 mm, 5"

**SC 8733**

**TITANIT®**

Die Königsschere

- extrem lange Standzeiten
- lebenslang rostfrei
- extrem hart
- langjährig erprobt

**TITANIT®**

The king of scissors

- extrem long cutting duration
- no corrosion all life possible
- extrem hard
- longtime tested and in usage



gebogen, spitz  
curved, sharp tips

145 mm, 5 3/4"

**SC 8019**

**PLASTIC**



gerade  
straight

145 mm, 5 3/4"

**SC 8580**

gebogen  
curved

155 mm, 6 1/4"

**SC 8583**

**JOSEPH**

**Präparierschere mit feinen  
stumpfen Tenotomie Blättern**  
*Dissecting scissors with  
fine blunt tenotomy blades*

gebogen  
curved

125 mm, 5"

**SC 8447**

## STEVENS

**Präparierschere mit feinen,  
stumpfen und runden  
Tenotomie Blättern 1,2 mm**  
*Dissecting scissors with  
fine blunt round  
tenotomy blades 1,2 mm*

gebogen  
curved

145mm, 5 3/4"

**SC 8075**

156 mm, 6 1/4"

**SC 8730**

185 mm, 7"

**SC 8440**

230 mm, 9"

**SC 8441**

250 mm, 10"

**SC 8442**

## REYNOLDS

**feine  
Präparierschere**  
*delicate dissecting  
scissors*

stumpf/stumpf  
blunt tips  
2,0 mm

spitz/spitz  
sharp tips  
1,0 mm

stumpf/stumpf  
blunt tips  
2,5 mm

150 mm, 6"

**SC 8515**

**SC 8002**

**SC 8004**

## SALZBURG

**TITANIT®**

- Die Königsschere  
 - extrem lange Standzeiten  
 - lebenslang rostfrei  
 - extrem hart  
 - langjährig erprobt

**TITANIT®**

- The king of scissors  
 - extrem long cutting duration  
 - no corrosion all life possible  
 - extrem hard  
 - longlife tested and in usage



feine Präparierschere  
 fine dissecting scissor

150 mm, 6"

SC 8626



1/2

**SALZBURG**

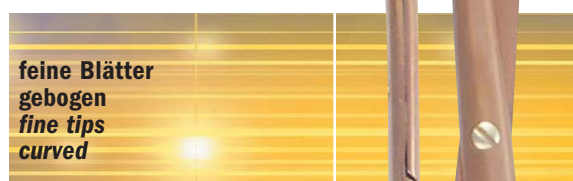


standard  
 gebogen curved

180 mm, 7"

SC 8652

**KILNER**



feine Blätter  
 gebogen  
 fine tips  
 curved

150 mm, 6"

SC 8651

180 mm, 7"

SC 8731

205mm, 8"

SC 8653

230 mm, 9"

SC 8654

260 mm, 10"

SC 8655

**RAGNELL-TUULA**



1/2



gebogen, S-gebogen  
 curved, S-curved

250 mm, 9 3/4"

SC 8660

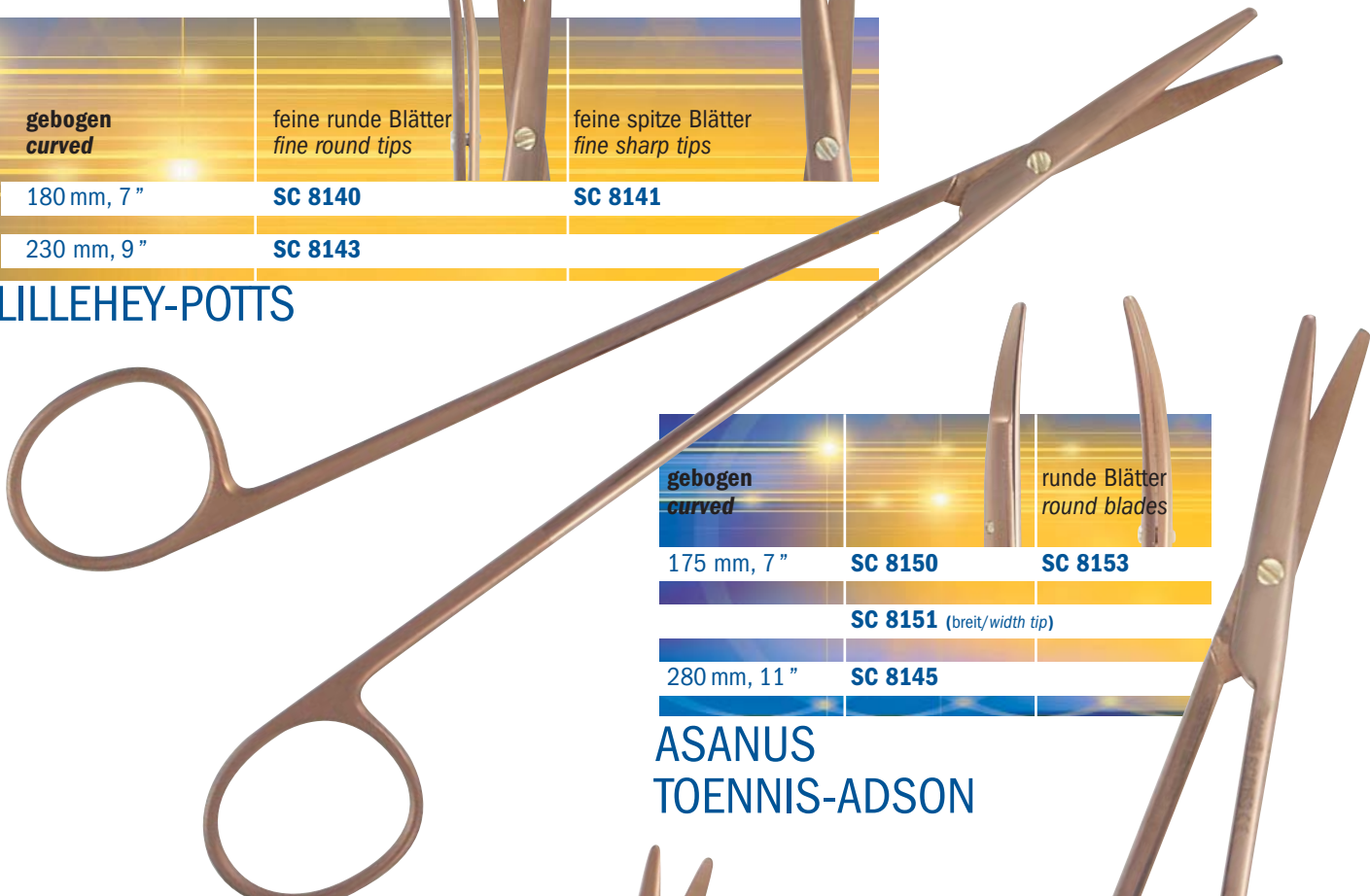
**TUULA  
 PANKREAS**



1/2

<b>gebogen</b> <b>curved</b>	feine runde Blätter <i>fine round tips</i>	feine spitze Blätter <i>fine sharp tips</i>
180 mm, 7"	<b>SC 8140</b>	<b>SC 8141</b>
230 mm, 9"	<b>SC 8143</b>	

**LILLEHEY-POTTS**

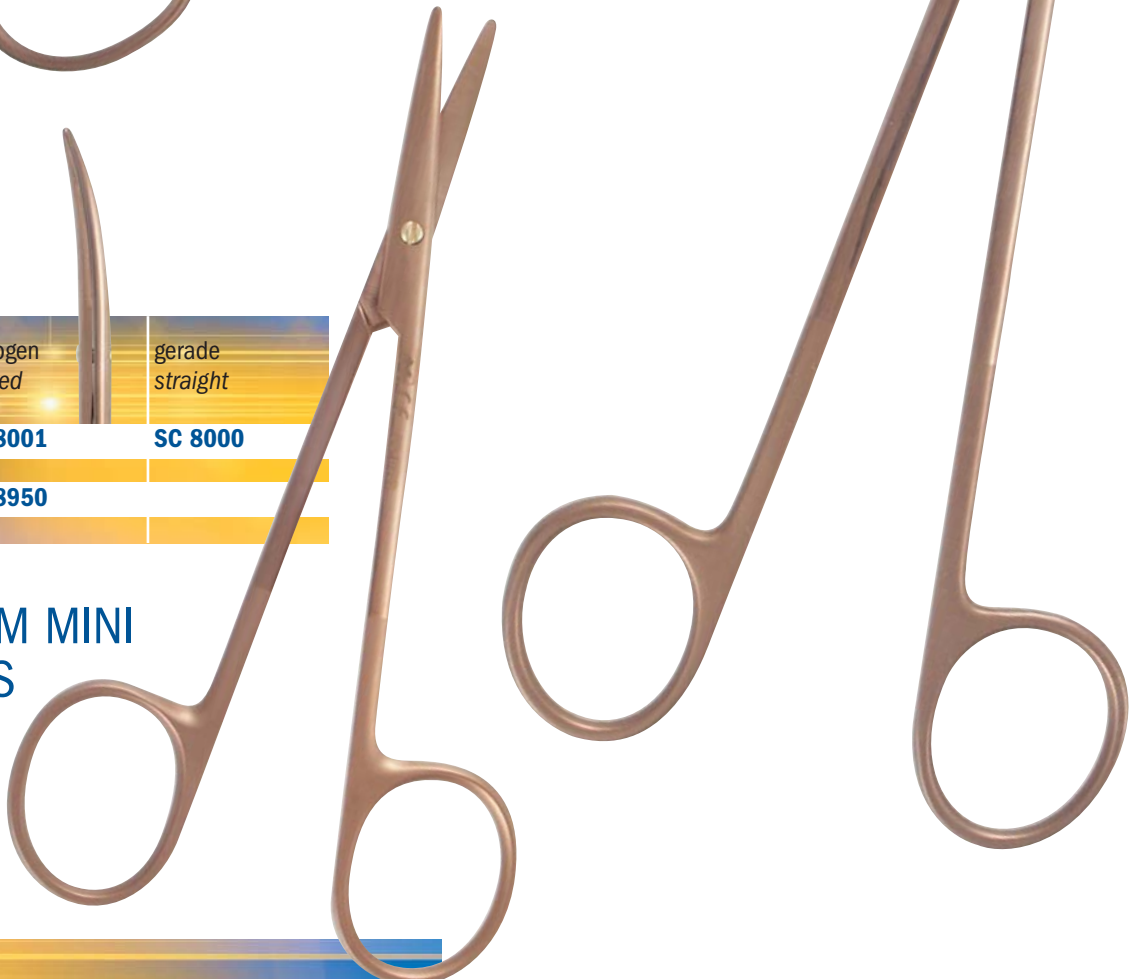


<b>gebogen</b> <b>curved</b>	runde Blätter <i>round blades</i>
175 mm, 7"	<b>SC 8150</b> <b>SC 8153</b>
	<b>SC 8151</b> (breit/ <i>width tip</i> )
280 mm, 11"	<b>SC 8145</b>

**ASANUS TOENNIS-ADSON**

<b>gebogen</b> <b>curved</b>	<b>gerade</b> <b>straight</b>
110 mm, 4 1/4"	<b>SC 8001</b> <b>SC 8000</b>
125 mm, 5"	<b>SC 8950</b>

**ASANUS METZENBAUM MINI STRABISMUS**



	gerade/straight stumpf/blunt		gebogen/curved stumpf/blunt		gebogen/curved stumpf/blunt		gebogen/curved spitz/sharp tips
145 mm, 5 3/4"	<b>SC 8280</b>	<b>SC 8281</b>				<b>SC 8313</b>	
177 mm, 7"						<b>SC 8315</b>	
180 mm, 7"		<b>SC 8283</b>					
200 mm, 8"				<b>SC 8285</b>			

## METZENBAUM-DELICATE

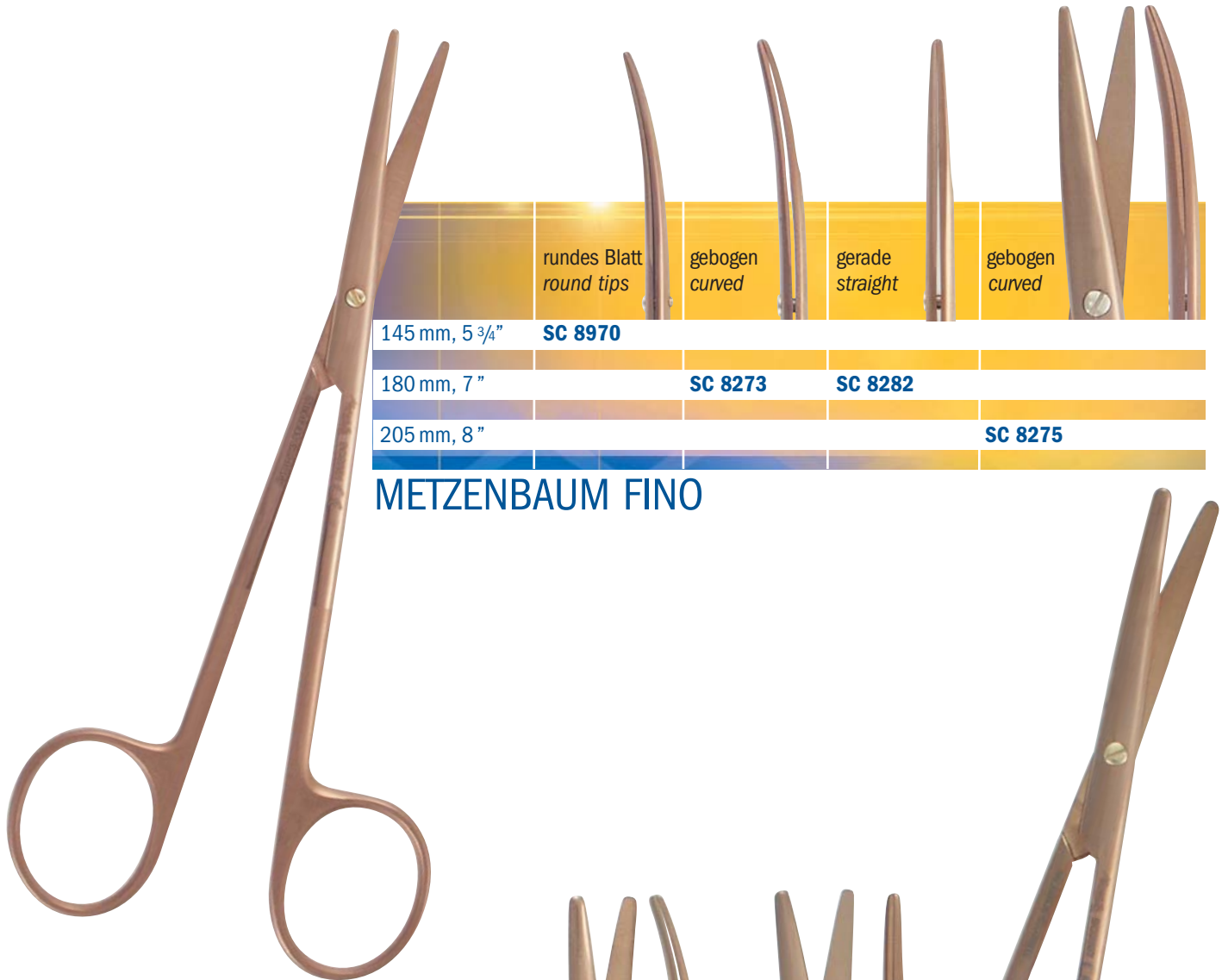
	gebogen/curved feine stumpfe Blätter delicate blunt tips		gebogen/curved
180 mm, 7"	<b>SC 8323-1</b>		
200 mm, 8"		<b>SC 8325</b>	

## METZENBAUM ULTRA FINO

	gebogen/curved sehr feine stumpfe Blätter delicate blunt tips	
180 mm, 7"	<b>SC 8323</b>	

## METZENBAUM ULTRA EXTREM



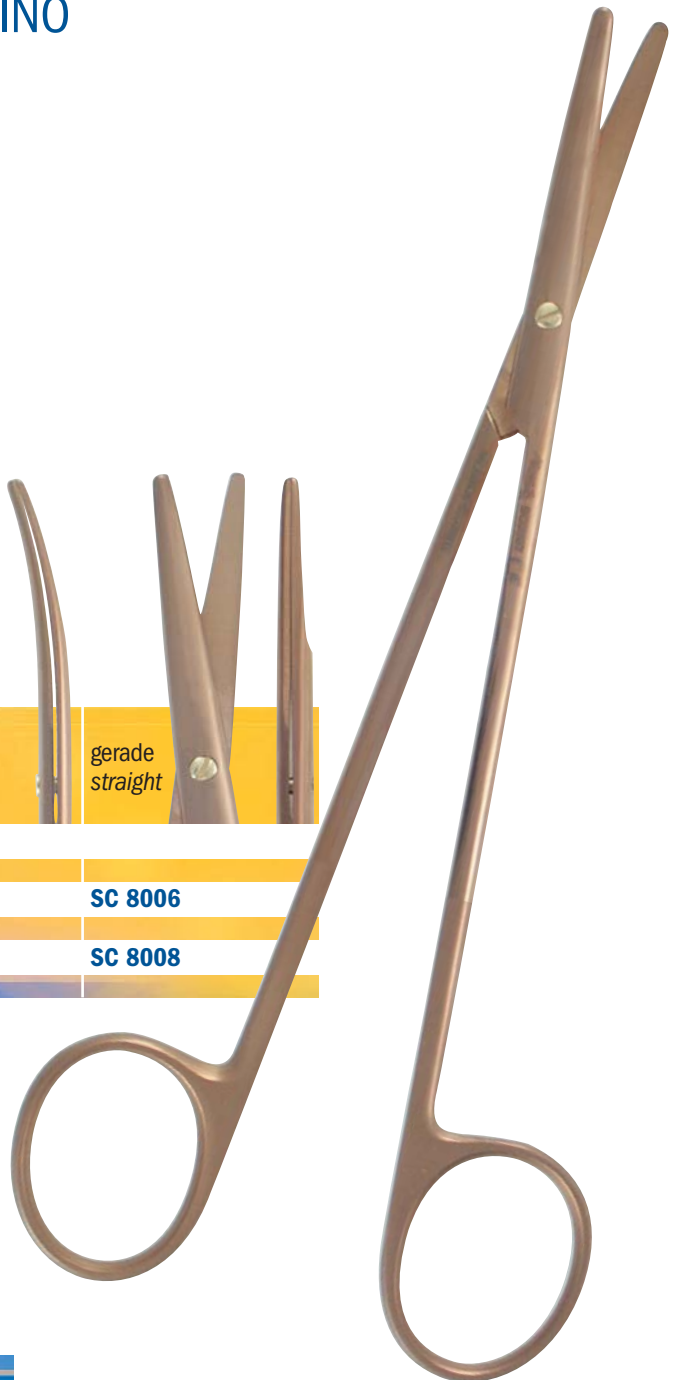


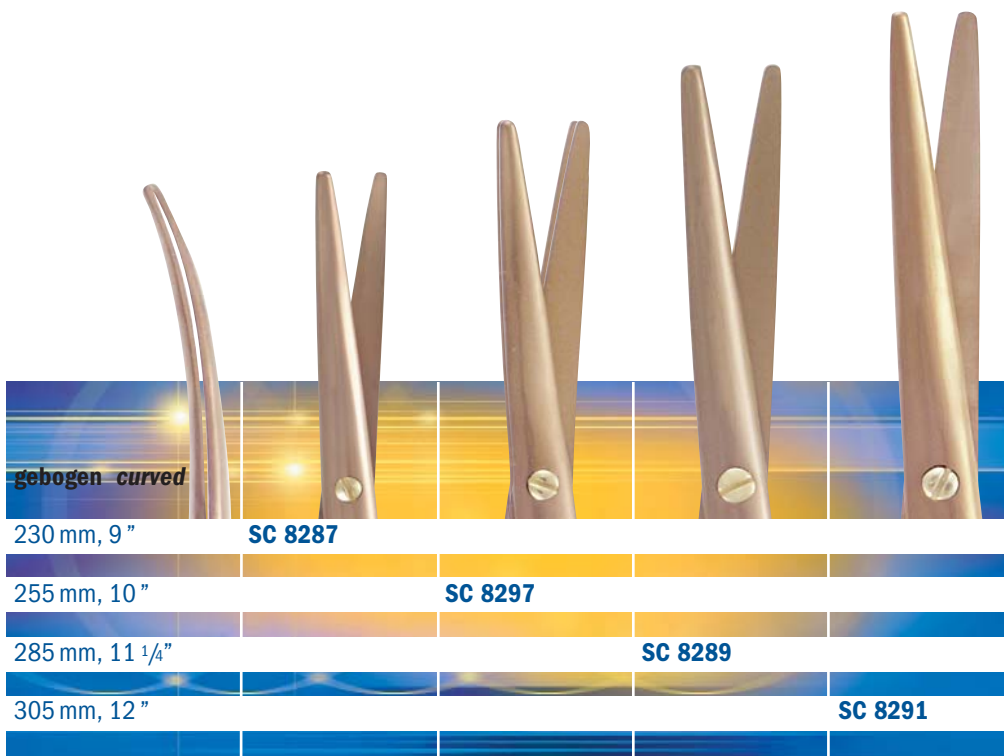
	rundes Blatt round tips	gebogen curved	gerade straight	gebogen curved
145 mm, 5 3/4"	<b>SC 8970</b>			
180 mm, 7"	<b>SC 8273</b>		<b>SC 8282</b>	
205 mm, 8"				<b>SC 8275</b>

**METZENBAUM FINO**

	gebogen curved	gerade straight
145 mm, 5 3/4"	<b>SC 8005</b>	
180 mm, 7"	<b>SC 8007</b>	<b>SC 8006</b>
200mm, 8"	<b>SC 8009</b>	<b>SC 8008</b>

**METZENBAUM**





**METZENBAUM FINO**



**METZENBAUM**



<b>S-gebogen</b> <b>S-curved</b>			<b>FINO</b> 
180 mm, 7"	<b>SC 8057</b>		<b>SC 8057-F</b>
200 mm, 8"		<b>SC 8059</b>	
230 mm, 9"		<b>SC 8061</b>	<b>SC 8251</b>

**METZENBAUM-S**



<b>Tunnelierungsschere</b> <b>stark gebogen</b> <b>Tunneling scissor</b> <b>strongly curved</b>	stumpfe, feine runde Blätter <i>fine, blunt round tips</i>	feine spitze Blätter <i>fine sharp tips</i>
180 mm, 7"	<b>SC 8107</b> (Fino)	<b>SC 8105</b> (Fino)
	<b>SC 8107-1</b> (Delikat)	<b>SC 8105-1</b> (Delikat)

**HAJEK**





	gerade straight	gebogen curved
150 mm, 6"	<b>SC 8096</b>	<b>SC 8097</b>
170 mm, 6 3/4"	<b>SC 8098</b>	<b>SC 8999</b>
192 mm, 7 1/2"		<b>SC 8930</b>

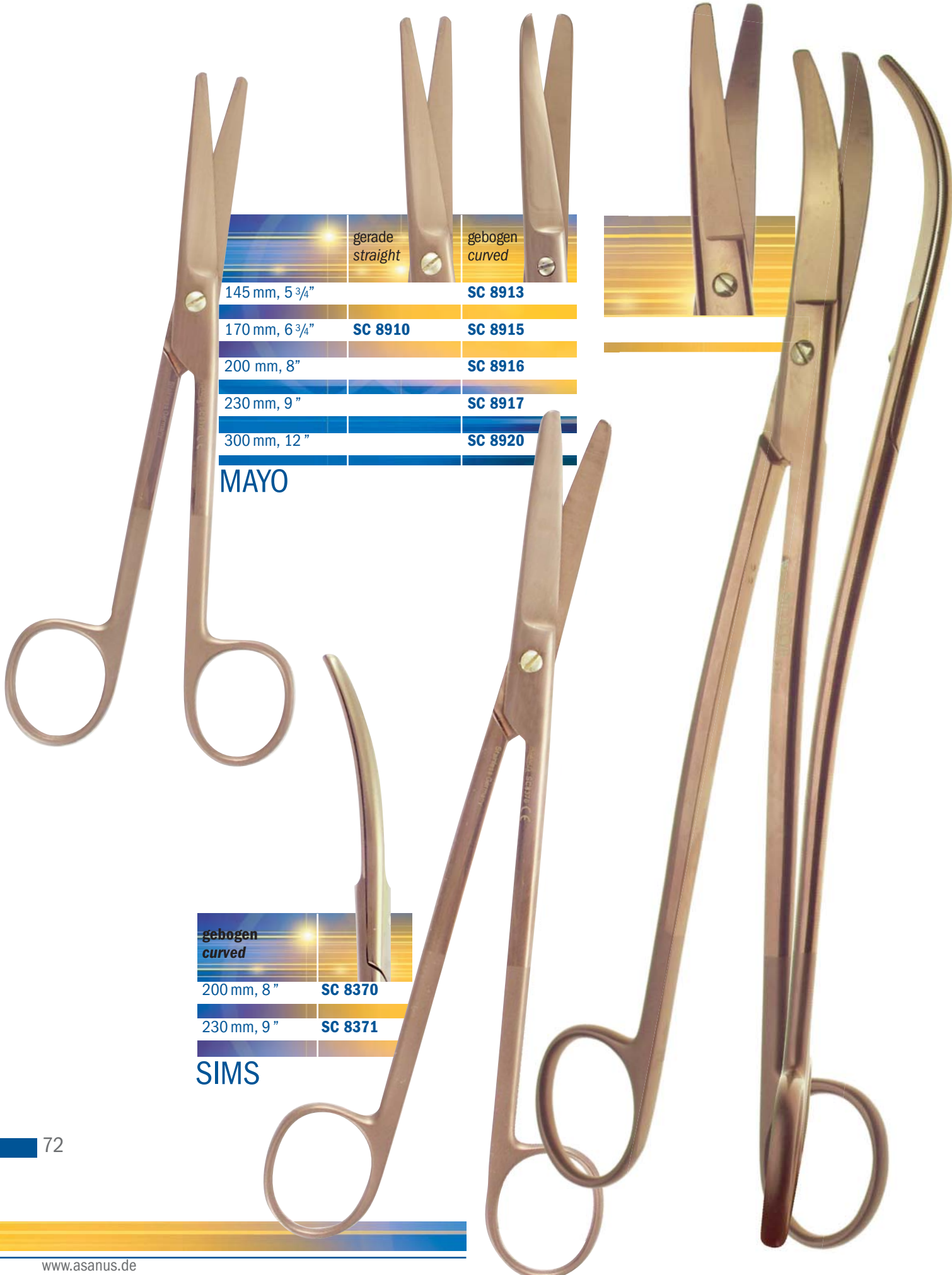
**MAYO-STILLE**

schmales Blatt delicate tips	gebogen curved
154 mm, 5 3/4"	<b>SC 8934</b>

**MAYO FINO**

gebogen curved	gerade straight
165mm, 6 1/2"	<b>SC 8310</b>
	<b>SC 8308</b>

**LEXER**



	gerade straight	gebogen curved
145 mm, 5 3/4"		<b>SC 8913</b>
170 mm, 6 3/4"	<b>SC 8910</b>	<b>SC 8915</b>
200 mm, 8"		<b>SC 8916</b>
230 mm, 9"		<b>SC 8917</b>
300 mm, 12"		<b>SC 8920</b>

**MAYO**

gebogen curved	
200 mm, 8"	<b>SC 8370</b>
230 mm, 9"	<b>SC 8371</b>

**SIMS**



	gerade/straight spitz/stumpf sharp/blunt	gebogen/curved spitz/stumpf sharp/blunt	gerade/straight stumpf/stumpf blunt/blunt	gebogen/curved stumpf/stumpf blunt/blunt	gerade/straight spitz/spitz sharp/sharp	gebogen/curved spitz/spitz sharp/sharp
115 mm, 4 1/2"		<b>SC 8867</b>				<b>SC 8810</b>
145 mm, 5 3/4"	<b>SC 8870</b>		<b>SC 8880</b>	<b>SC 8463</b>	<b>SC 8874</b>	<b>SC 8452</b>
170 mm, 6 3/4"	<b>SC 8451</b>			<b>SC 8467</b>		
185 mm, 7 1/4"		<b>SC 8871</b>				

COOPER



<b>Bauchdeckenschere, stark stumpf/stumpf Abdominal Scissor, strong blunt/blunt</b>	gerade straight	gebogen curved
185 mm, 7"	<b>SC 8032</b>	<b>SC 8033</b>

**schlankes Modell**  
gerade, spitz/stumpf  
**slim type**  
straight, sharp/blunt

145 mm, 5 3/4" **SC 8450**

**COOPER-SLIM**



115 mm, 4 1/2" **SC 8130**

**EISELSBERG**



**Verbandstoffschere**  
**bandage scissor**

140 mm, 5 1/2" **SC 8219**

180 mm, 7" **SC 8221**

200 mm, 8" **SC 8225**

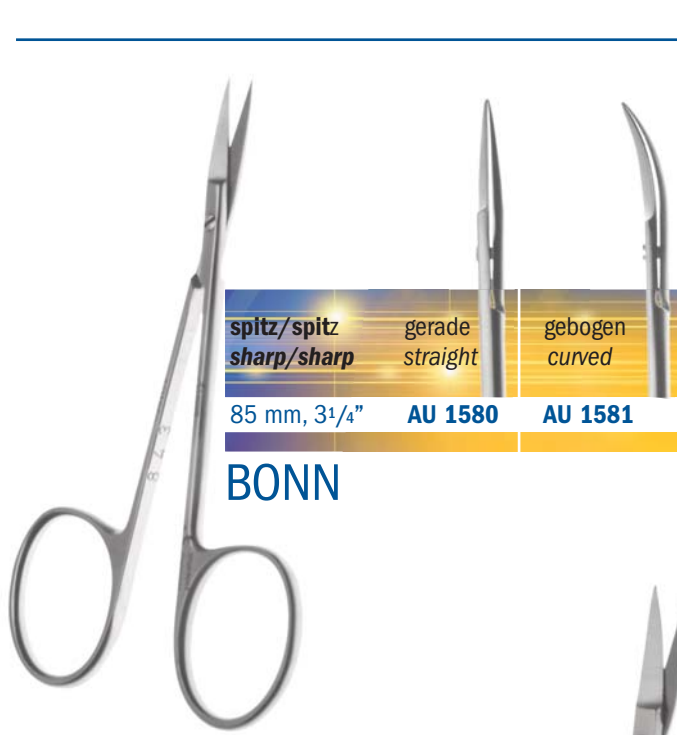
**LISTER**



170 mm, 6 3/4" **SC 8750**

**SCHMIEDEN-  
TAYLOR**





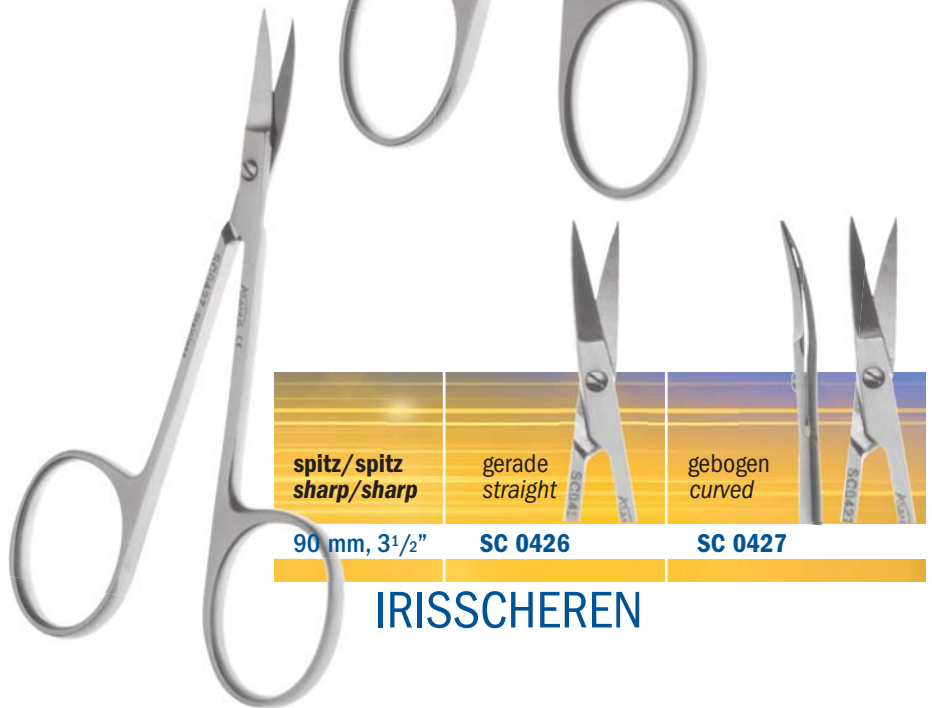
<b>spitz/spitz</b> <b>sharp/sharp</b>	gerade straight	gebogen curved
85 mm, 3 1/4"	<b>AU 1580</b>	<b>AU 1581</b>

**BONN**



<b>spitz/spitz, 45° aufgewinkelt</b> <b>sharp/sharp, 45° up angled</b>	
100 mm, 4"	<b>SC 0477</b>

**WILMER**



<b>spitz/spitz</b> <b>sharp/sharp</b>	gerade straight	gebogen curved
90 mm, 3 1/2"	<b>SC 0426</b>	<b>SC 0427</b>

**IRISSCHEREN**



gerade spitz/spitz straight sharp/sharp	gebogen spitz/spitz curved sharp/sharp	gerade spitz/stumpf straight sharp/blunt	gebogen spitz/stumpf curved sharp/blunt	seitwärts gebogen spitz/spitz curved to side sharp/sharp
110 mm, 4 1/4"	<b>SC 0430</b>	<b>SC 0431</b>	<b>SC 0432</b>	<b>SC 0433</b>
			<b>SC 0433</b>	<b>SC 0470</b>

**IRISSCHEREN**

**gerade  
spitz/stumpf  
straight  
sharp/blunt**

105 mm, 4 1/8"

**SC 1510**

115 mm, 4 1/2"

**SC 1512**

130 mm, 5"

**SC 1514**

145 mm, 5 3/4"

**SC 1516**

150 mm, 6"

**SC 1518**

**STANDARD**



**gerade  
spitz/stumpf  
straight  
sharp/blunt**

165 mm, 6 1/2"

**SC 1520**

175 mm, 7"

**SC 1522**

185 mm, 7 1/4"

**SC 1524**

200 mm, 8"

**SC 1526**

**STANDARD**








<b>gebogen</b> <b>spitz/stumpf</b> <b>curved</b> <b>sharp/blunt</b>				
	115 mm, 4 1/2"	<b>SC 1513</b>		
	130 mm, 5"		<b>SC 1515</b>	
	145 mm, 5 3/4"			<b>SC 1517</b>
	155 mm, 6"			<b>SC 1519</b>

**STANDARD**






<b>gebogen</b> <b>spitz/stumpf</b> <b>curved</b> <b>sharp/blunt</b>			
	165 mm, 6 1/2"	<b>SC 1521</b>	
	185 mm, 7 1/4"		<b>SC 1525</b>
	200 mm, 8"		<b>SC 1527</b>

**STANDARD**



<b>gerade stumpf/stumpf</b> <b>straight blunt/blunt</b>					
	105 mm, 4 1/8"	<b>SC 1456</b>			
	115 mm, 4 1/2"		<b>SC 1458</b>		
	130 mm, 5"			<b>SC 1460</b>	
	145 mm, 5 3/4"				<b>SC 1462</b>

**STANDARD**

<b>gerade stumpf/stumpf</b> <b>straight blunt/blunt</b>					
	155 mm, 6"	<b>SC 1464</b>			
	165 mm, 6 1/2"		<b>SC 1466</b>		
	185 mm, 7 1/4"			<b>SC 1468</b>	
	200 mm, 8"				<b>SC 1470</b>

**STANDARD**












<b>gebogen</b> <b>stumpf/stumpf</b> <b>curved</b> <b>blunt/blunt</b>					
	105 mm, 4 1/8"	<b>SC 1457</b>			
	115 mm, 4 1/2"		<b>SC 1459</b>		
	130 mm, 5"			<b>SC 1461</b>	
	145 mm, 5 3/4"				<b>SC 1463</b>

**STANDARD**







<b>gebogen</b> <b>stumpf/stumpf</b> <b>curved</b> <b>blunt/blunt</b>					
	155 mm, 6"	<b>SC 1465</b>			
	165 mm, 6 1/2"		<b>SC 1467</b>		
	185 mm, 7 1/4"			<b>SC 1469</b>	
	200 mm, 8"				<b>SC 1471</b>

**STANDARD**

<p><b>gerade spitz/spitz straight sharp/sharp</b></p>							
	105 mm, 4 1/8"	<b>SC 1598</b>					
	115 mm, 4 1/2"		<b>SC 1600</b>				
	130 mm, 5"			<b>SC 1602</b>			
	145 mm, 5 3/4"				<b>SC 1604</b>		
	150 mm, 6"					<b>SC 1606</b>	
	165 mm, 6 1/2"						<b>SC 1608</b>




**STANDARD**



<b>gebogen</b> <b>spitz/spitz</b> <b>curved</b> <b>sharp/sharp</b>						
	115 mm, 4 1/2"	<b>SC 1601</b>				
	130 mm, 5"		<b>SC 1603</b>			
	145 mm, 5 3/4"			<b>SC 1605</b>		
	150 mm, 6"				<b>SC 1607</b>	
	165 mm, 6 1/2"					<b>SC 1609</b>




**STANDARD**



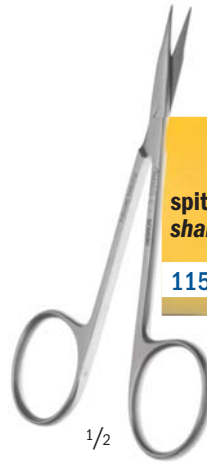
		
<b>stumpf/stumpf</b> <b>blunt/blunt</b>	gerade straight	gebogen curved
115 mm, 4 1/2"	<b>SC 0690</b>	<b>SC 0691</b>






**STEVENS** STANDARD



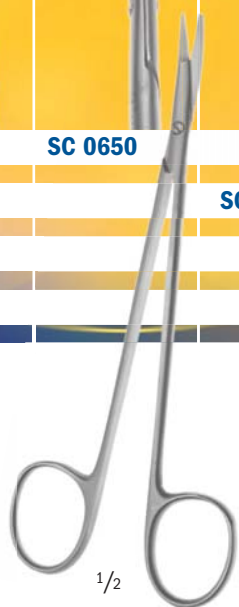
		
<b>spitz/spitz</b> <b>sharp/sharp</b>	gerade straight	gebogen curved
115 mm, 4 1/2"	<b>SC 0670</b>	<b>SC 0671</b>



**STEVENS** STANDARD



				
<b>gebogen mit flacher Spitze</b> <b>curved with flat point</b>				
120 mm, 4 3/4"	<b>SC 0650</b>			
150 mm, 6"		<b>SC 0651</b>		
180 mm, 7"			<b>SC 0656</b>	
200 mm, 8"				<b>SC 0658</b>

**KILNER** STANDARD



	
<b>gebogen, stumpf</b> <b>curved, blunt</b>	
150 mm, 6"	<b>SC 0200</b>

**REYNOLDS-JAMESON**  
STANDARD



gebogen, stumpf  
curved, blunt

150 mm, 6"

SC 0719

JAMESON STANDARD



1/2

gebogen, stumpf  
curved, blunt

150 mm, 6"

SC 0720

180 mm, 7"

SC 0722

REYNOLDS STANDARD



1/2

gerade  
straight

150 mm, 6"

SC 2090

170 mm, 6 3/4"

SC 2092

MAYO-STILLE STANDARD



1/2

gebogen  
curved

150 mm, 6"

SC 2091

170 mm, 6 3/4"

SC 2093

MAYO-STILLE STANDARD



1/2

<sup>1/1</sup>

**gerade  
straight**

145 mm, 5 3/4"	<b>SC 1930</b>
170 mm, 6 3/4"	<b>SC 1932</b>
230 mm, 9"	<b>SC 1934</b>

**MAYO STANDARD**

<sup>1/2</sup>

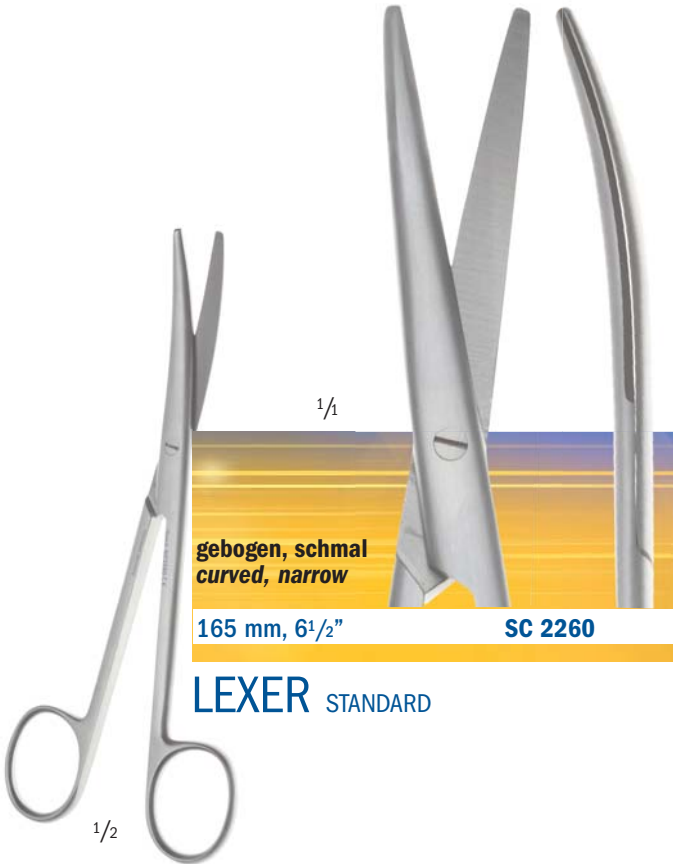
<sup>1/1</sup>

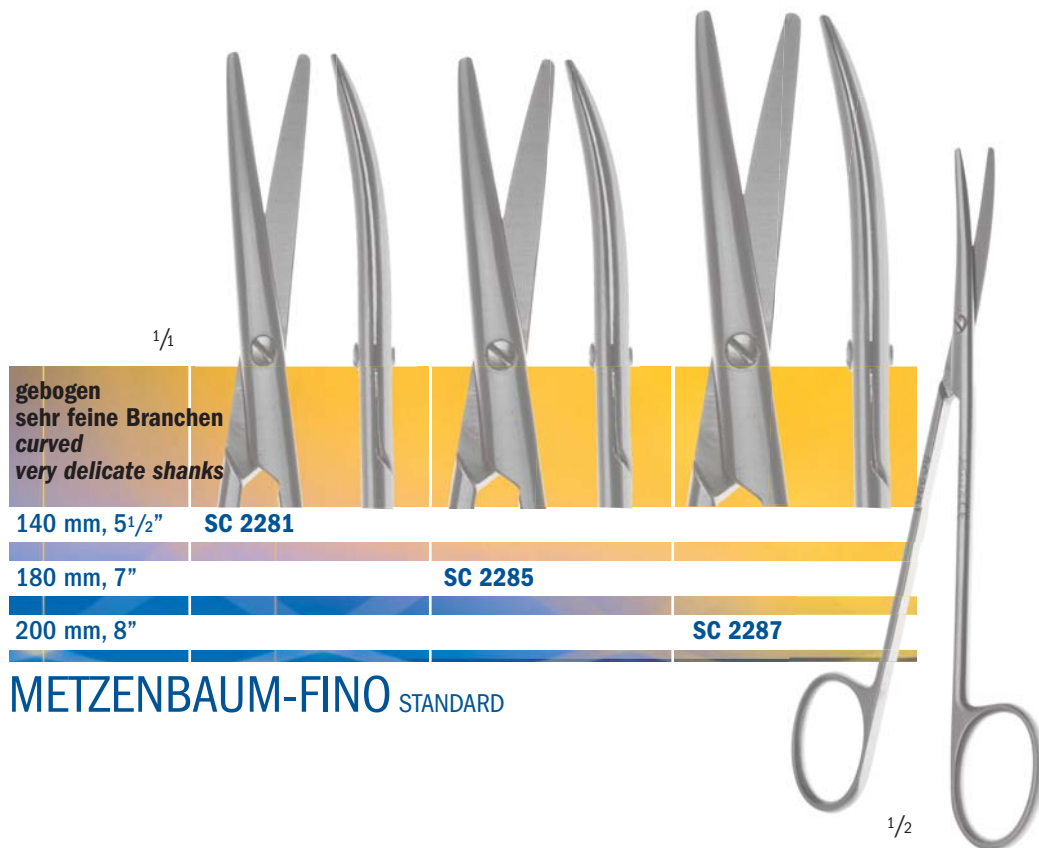
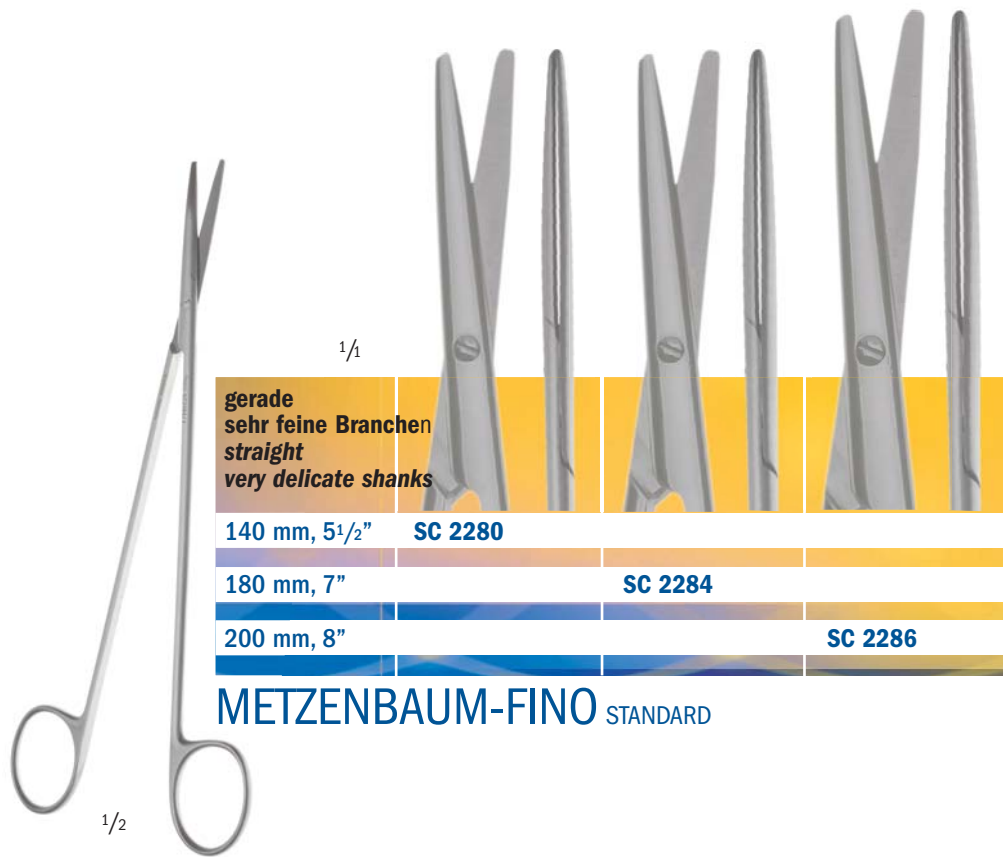
**gebogen  
curved**

145 mm, 5 3/4"	<b>SC 1940</b>
170 mm, 6 3/4"	<b>SC 1942</b>
190 mm, 8 1/4"	<b>SC 1943</b>
230 mm, 9"	<b>SC 1944</b>


**MAYO STANDARD**






<sup>1/2</sup>















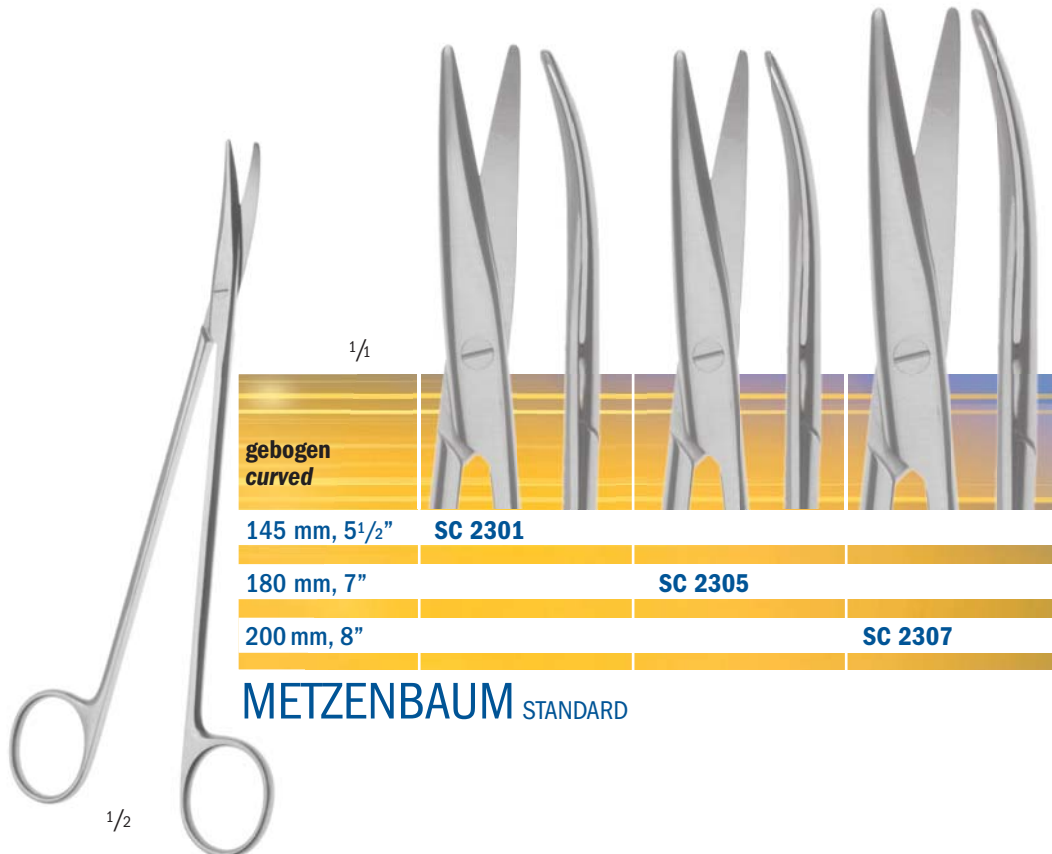
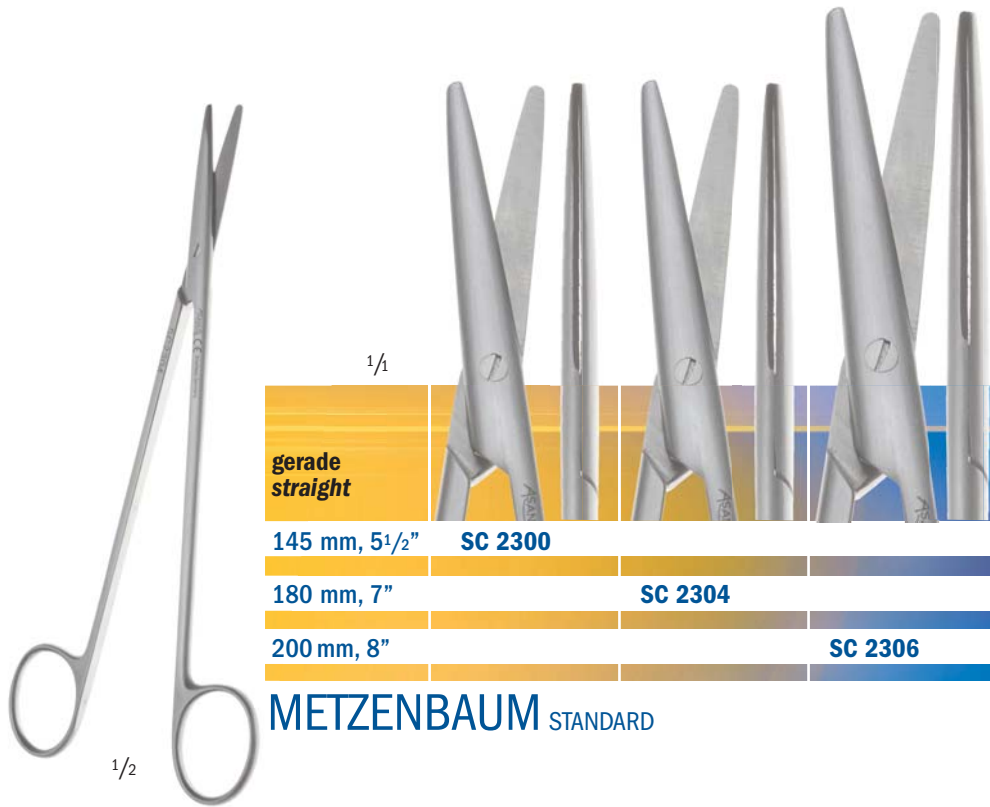
<b>gerade</b> <b>sehr feine Branchen</b> <b>straight</b> <b>very delicate shanks</b>					
230 mm, 9"	<b>SC 2288</b>				
260 mm, 10"	<b>SC 2290</b>				
280 mm, 11"	<b>SC 2292</b>				

**METZENBAUM-FINO** STANDARD



<b>gebogen</b> <b>sehr feine Branchen</b> <b>curved</b> <b>very delicate shanks</b>					
230 mm, 9"	<b>SC 2289</b>				
260 mm, 10"	<b>SC 2291</b>				
280 mm, 11"	<b>SC 2293</b>				

**METZENBAUM-FINO** STANDARD





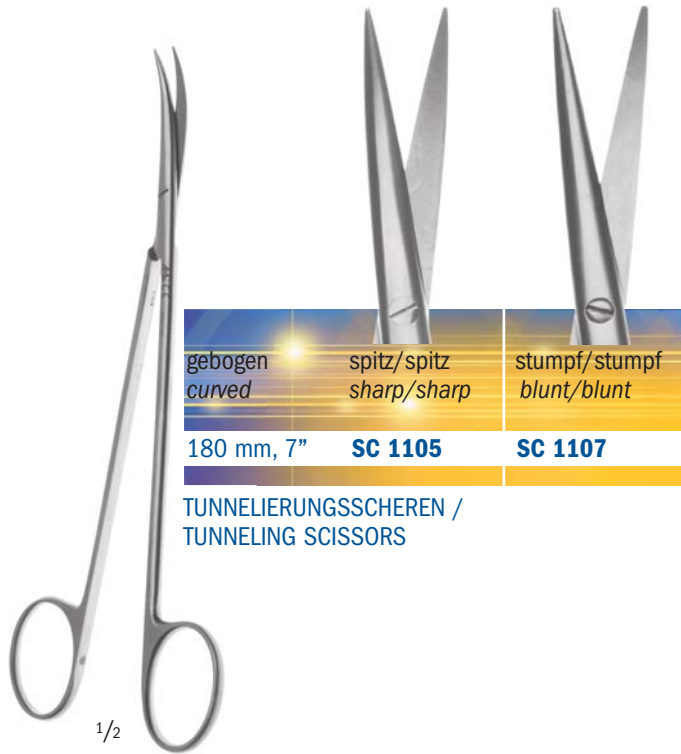
	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
<b>gerade straight</b>				
230 mm, 9"	<b>SC 2308</b>			
260 mm, 10"		<b>SC 2310</b>		
280 mm, 11"			<b>SC 2312</b>	
300 mm, 12"				<b>SC 2314</b>

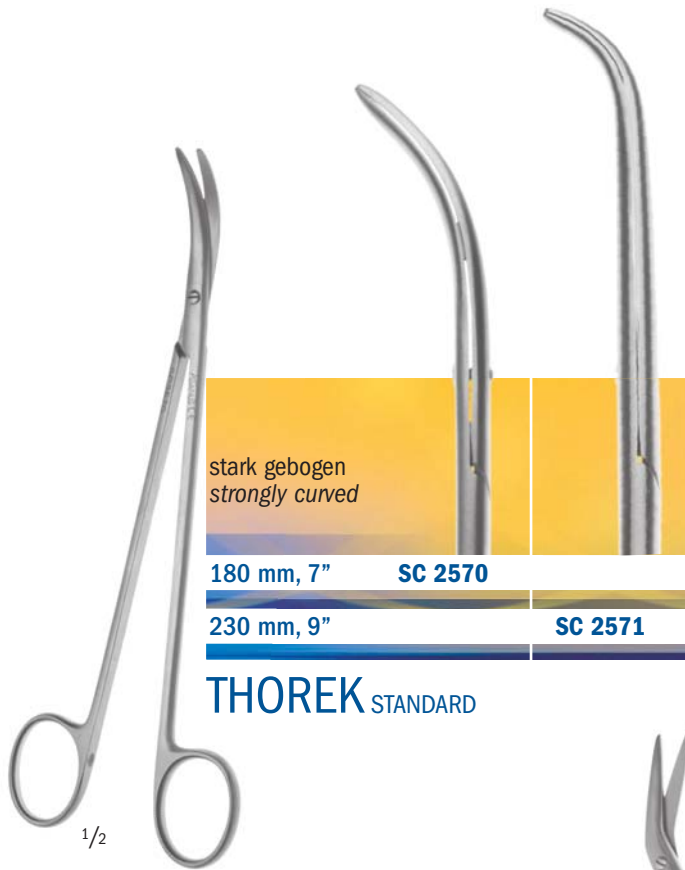
**METZENBAUM** STANDARD



	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
<b>gebogen curved</b>				
230 mm, 9"	<b>SC 2309</b>			
260 mm, 10"		<b>SC 2311</b>		
280 mm, 11"			<b>SC 2313</b>	
300 mm, 12"				<b>SC 2315</b>

**METZENBAUM** STANDARD





stark gebogen  
strongly curved

180 mm, 7" SC 2570

230 mm, 9" SC 2571

**THOREK** STANDARD



S-gebogen  
S-sharped

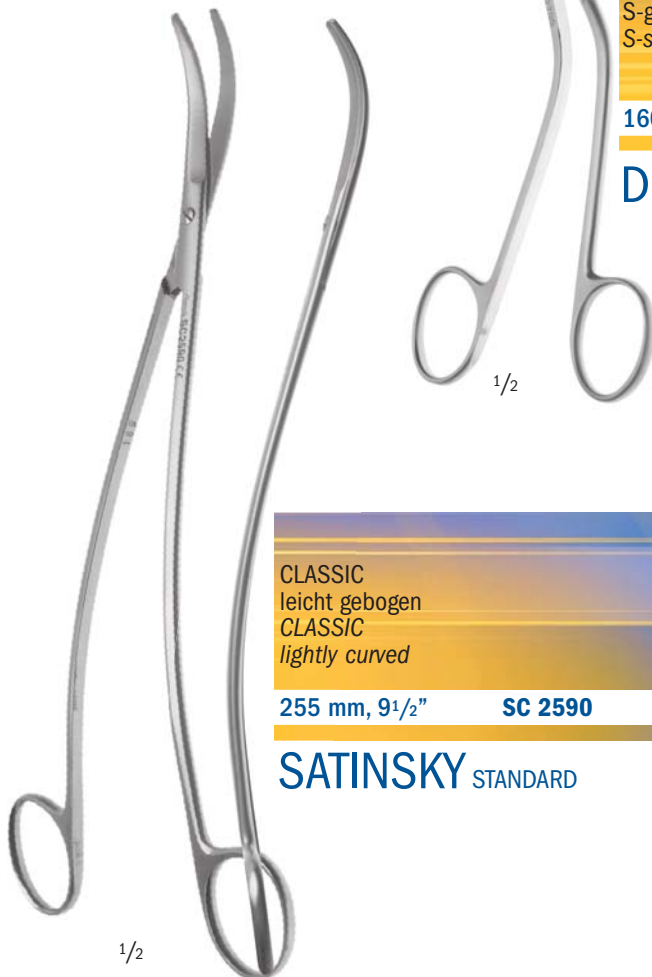
20°

45°

160 mm, 6" SC 2799

SC 2800

**DE BAKEY** STANDARD



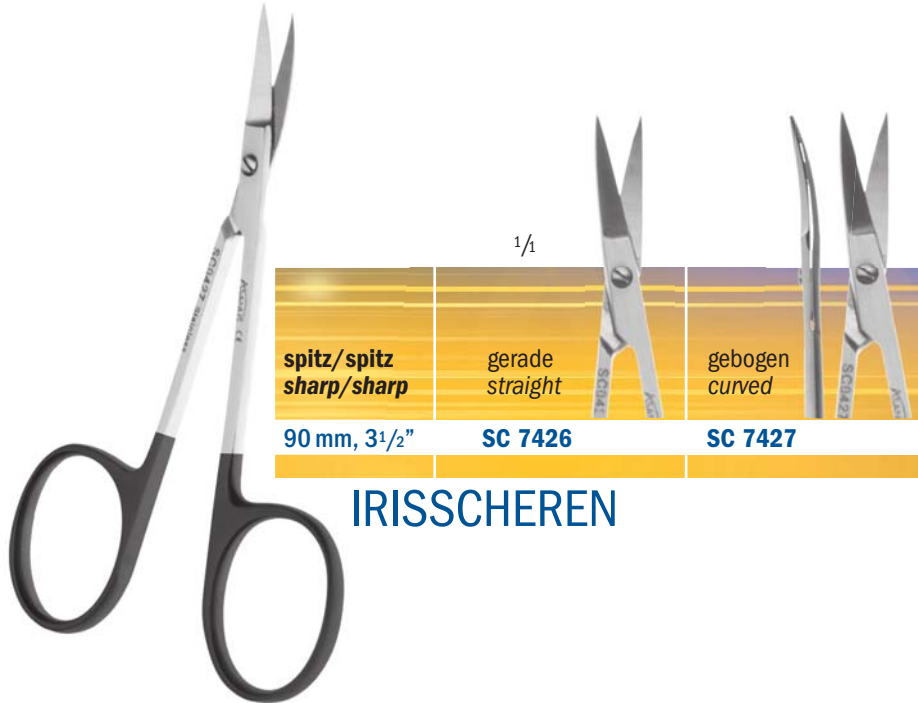
CLASSIC  
leicht gebogen  
CLASSIC  
lightly curved

255 mm, 9 1/2" SC 2590

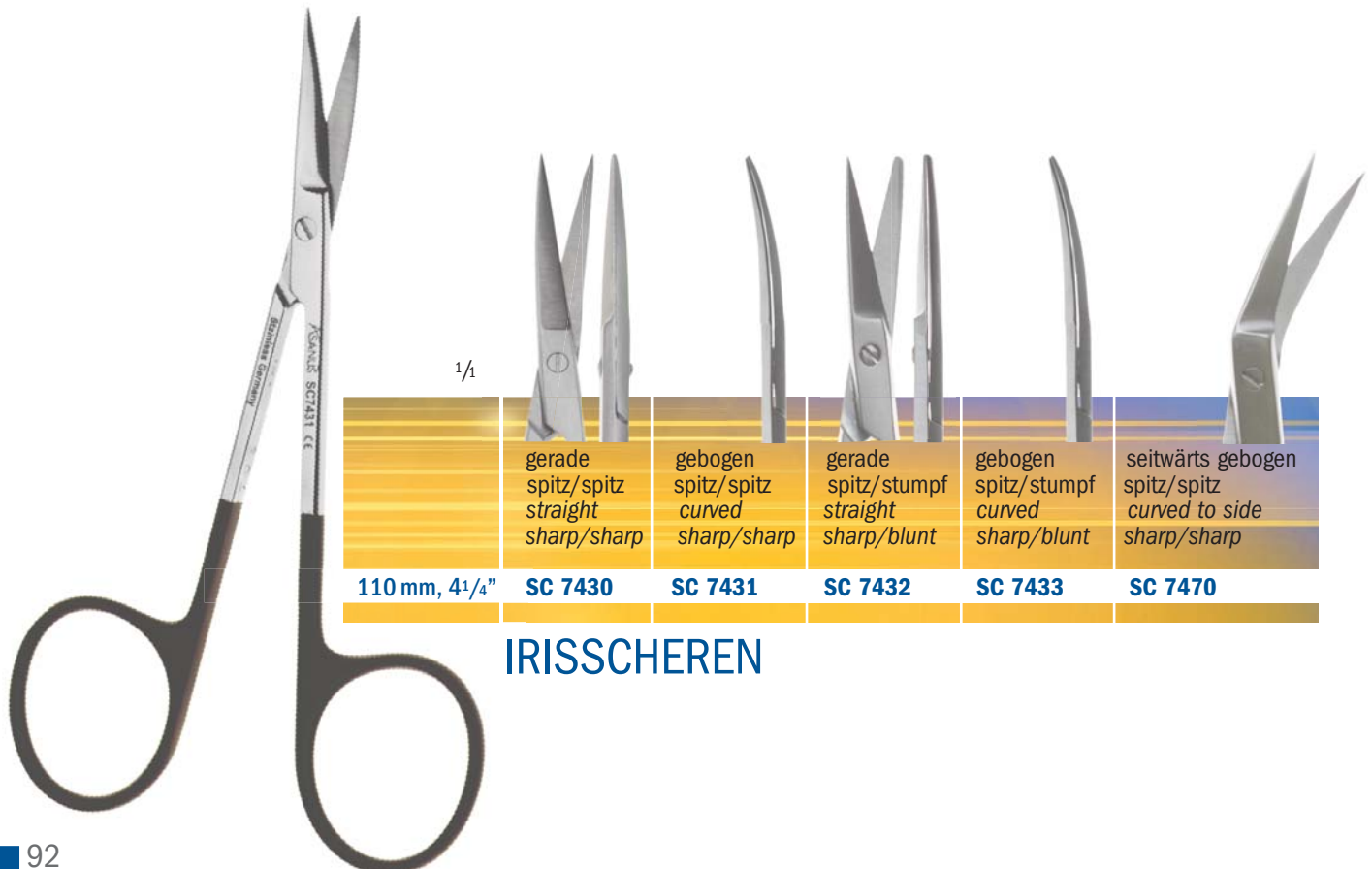
**SATINSKY** STANDARD

**SUPERCUT** Scheren zeichnen sich durch eine extrem scharfe Schneideklinge aus, welche selbst in schwierigen Schneidbereichen ein ausgezeichnetes Schnittergebnis erzielen.

**SUPERCUT** Scissors are been manufactured with an extrem razor sharp edge, which allow easy and smooth cutting even in difficult areas.



**IRISSCHEREN**



**IRISSCHEREN**

<p><math>\frac{1}{1}</math></p> <p>gerade spitz/stumpf straight sharp/blunt</p>					
	105 mm, 4 $\frac{1}{8}$ "	<b>SC 7510</b>			
	115 mm, 4 $\frac{1}{2}$ "		<b>SC 7512</b>		
	130 mm, 5"			<b>SC 7514</b>	
	145 mm, 5 $\frac{3}{4}$ "				<b>SC 7516</b>
	150 mm, 6"				

STANDARD



<p><math>\frac{1}{1}</math></p> <p>gerade spitz/stumpf straight sharp/blunt</p>			
	165 mm, 6 $\frac{1}{2}$ "	<b>SC 7520</b>	
	185 mm, 7 $\frac{1}{4}$ "		<b>SC 7524</b>
	200 mm, 8"		<b>SC 7526</b>

STANDARD



<sup>1/1</sup>

<b>gebogen spitz/stumpf curved sharp/blunt</b>					
115 mm, 4 1/2"	<b>SC 7513</b>				
130 mm, 5"			<b>SC 7515</b>		
145 mm, 5 3/4"				<b>SC 7517</b>	
155 mm, 6"					<b>SC 7519</b>

**STANDARD**

<sup>1/1</sup>

<b>gebogen spitz/stumpf curved sharp/blunt</b>				
165 mm, 6 1/2"	<b>SC 7521</b>			
185 mm, 7 1/4"			<b>SC 7525</b>	
200 mm, 8"				<b>SC 7527</b>

**STANDARD**





<p><sup>1/1</sup></p> <p>gerade stumpf/stumpf straight blunt/blunt</p>						
	105 mm, 4 1/8"	SC 7486				
	115 mm, 4 1/2"	SC 7488				
	130 mm, 5"	SC 7490				
	145 mm, 5 3/4"	SC 7492				

STANDARD

<p><sup>1/1</sup></p> <p>gerade stumpf/stumpf straight blunt/blunt</p>						
	155 mm, 6"	SC 7494				
	165 mm, 6 1/2"	SC 7496				
	185 mm, 7 1/4"	SC 7498				
	200 mm, 8"	SC 7500				

STANDARD



<p>gebogen stumpf/stumpf curved blunt/blunt</p>				
	105 mm, 4 1/8"	<b>SC 7037</b>		
	115 mm, 4 1/2"		<b>SC 7039</b>	
	130 mm, 5"			<b>SC 7041</b>
	145 mm, 5 3/4"			<b>SC 7043</b>

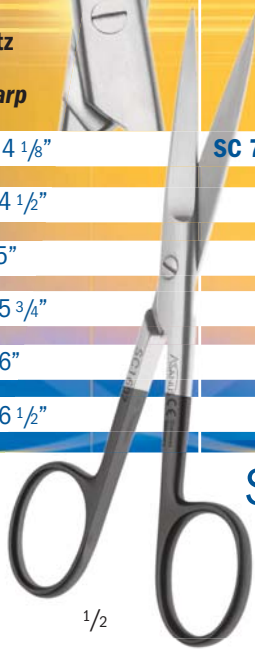
**STANDARD**

<p>gebogen stumpf/stumpf curved blunt/blunt</p>				
	155 mm, 6"	<b>SC 7045</b>		
	165 mm, 6 1/2"		<b>SC 7047</b>	
	185 mm, 7 1/4"			<b>SC 7049</b>
	200 mm, 8"			<b>SC 7051</b>

**STANDARD**

<sup>1/1</sup>

<b>gerade spitz/spitz straight sharp/sharp</b>						
105 mm, 4 1/8"	<b>SC 7598</b>					
115 mm, 4 1/2"		<b>SC 7580</b>				
130 mm, 5"			<b>SC 7582</b>			
145 mm, 5 3/4"				<b>SC 7584</b>		
155 mm, 6"					<b>SC 7586</b>	
165 mm, 6 1/2"						<b>SC 7588</b>



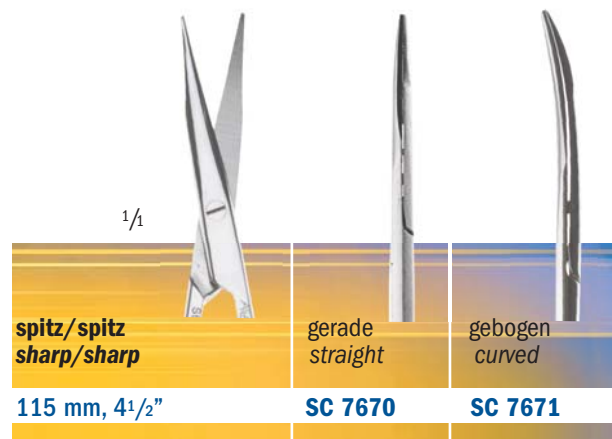
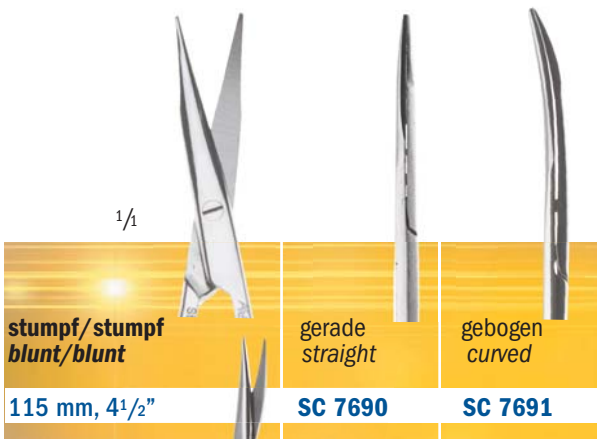
STANDARD

<sup>1/2</sup>

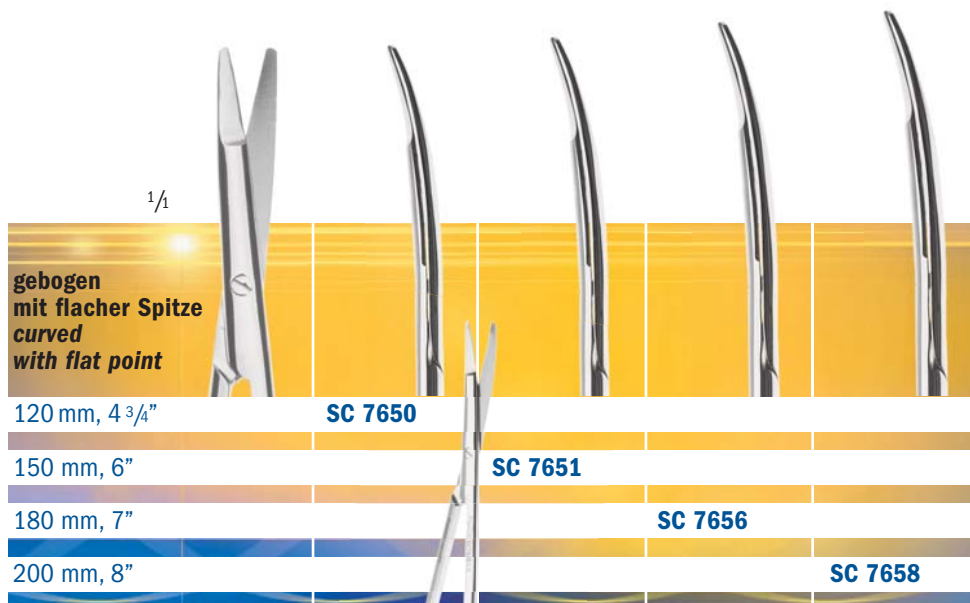
<b>gebogen spitz/spitz curved sharp/sharp</b>					
115 mm, 4 1/2"	<b>SC 7581</b>				
130 mm, 5"		<b>SC 7583</b>			
145 mm, 5 3/4"			<b>SC 7585</b>		
155 mm, 6"				<b>SC 7587</b>	
165 mm, 6 1/2"					<b>SC 7589</b>



STANDARD

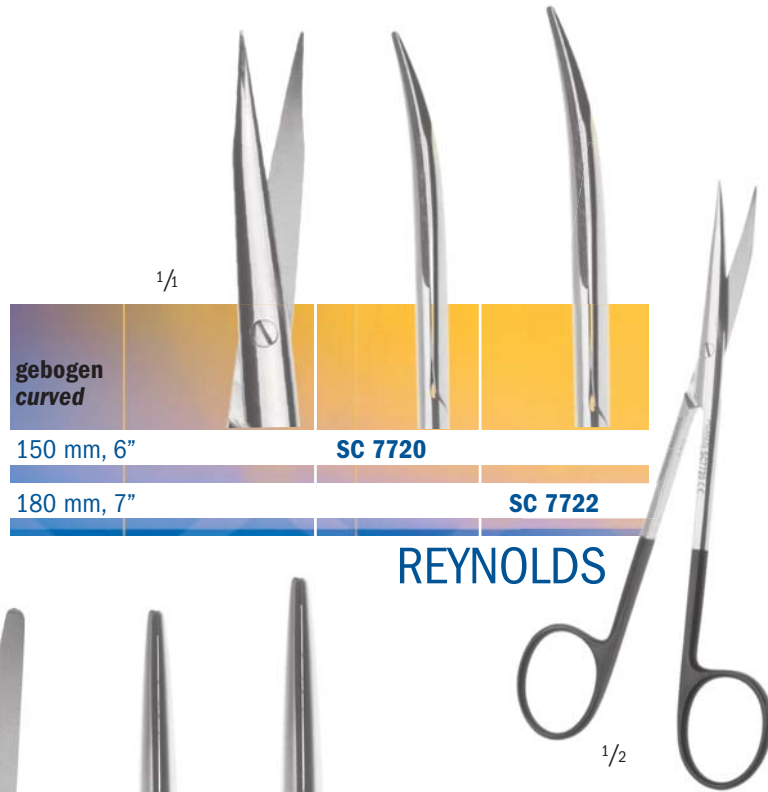


**STEVENS**



**KILNER**





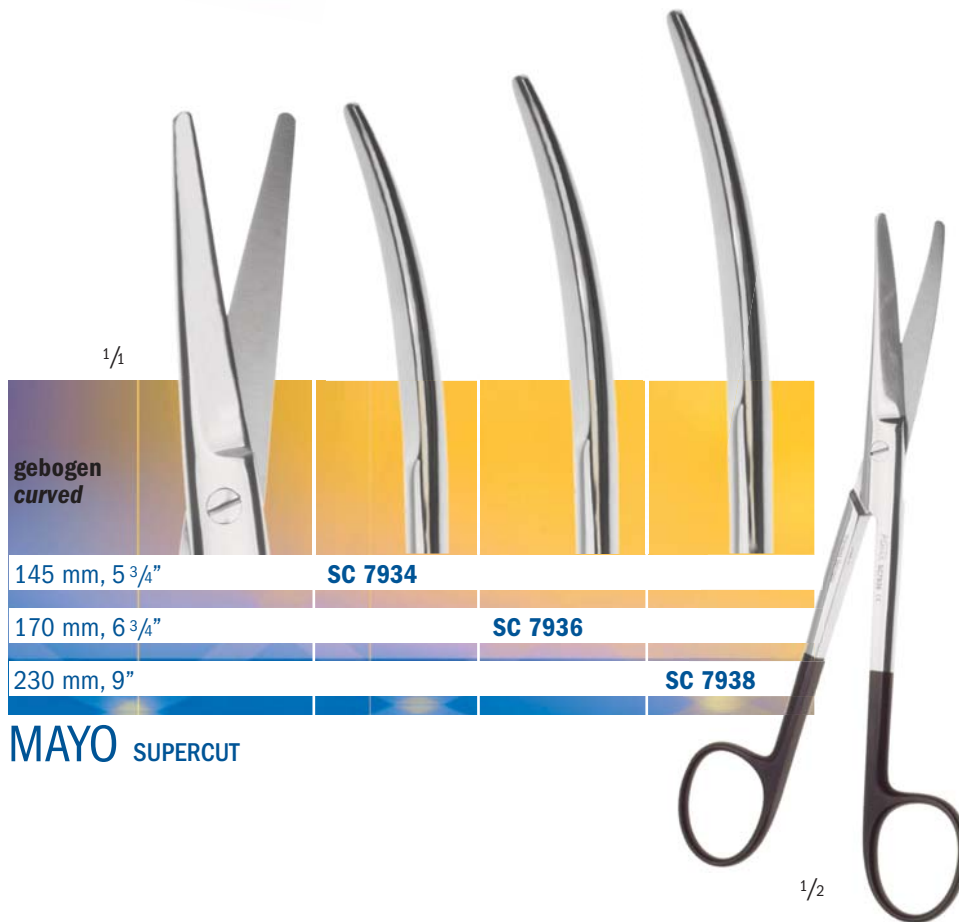
REYNOLDS



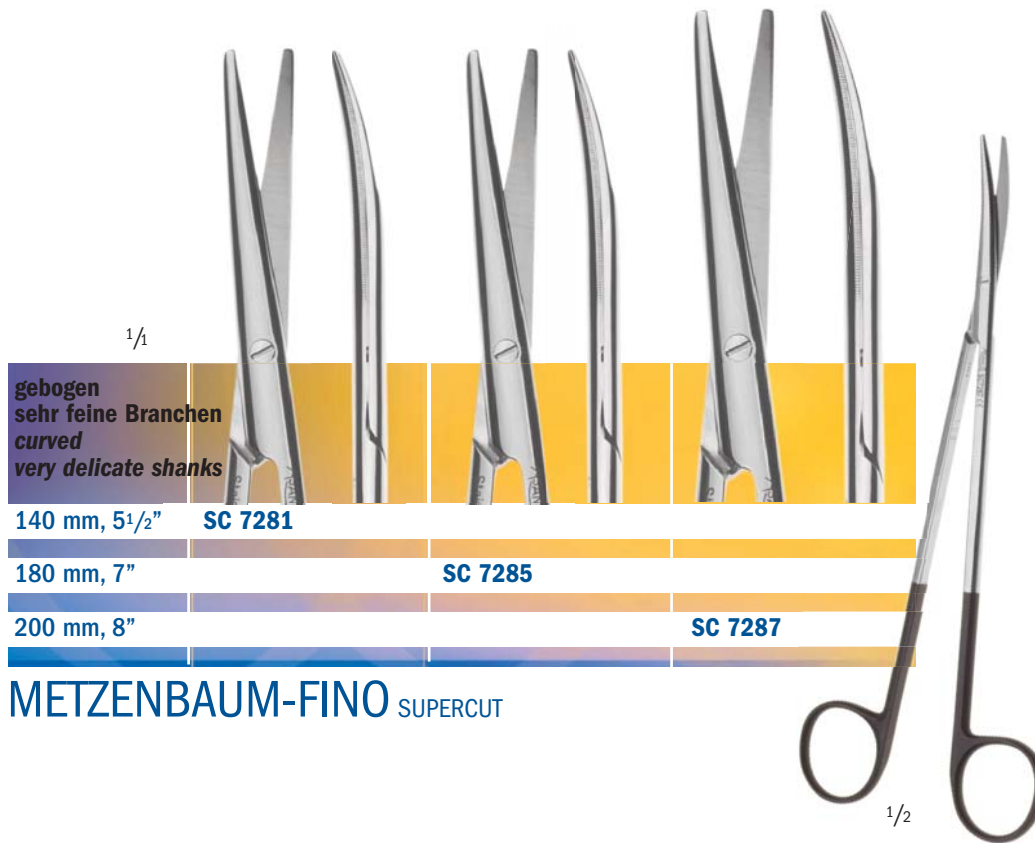
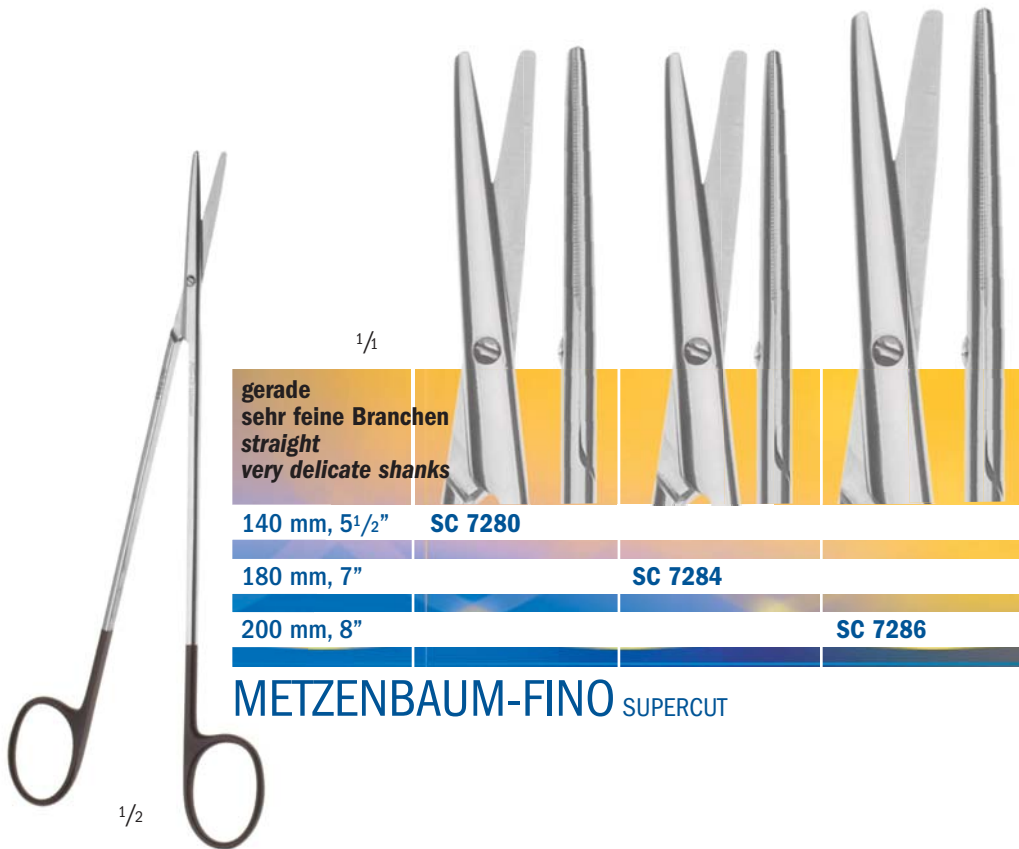
MAYO-STILLE



MAYO-STILLE







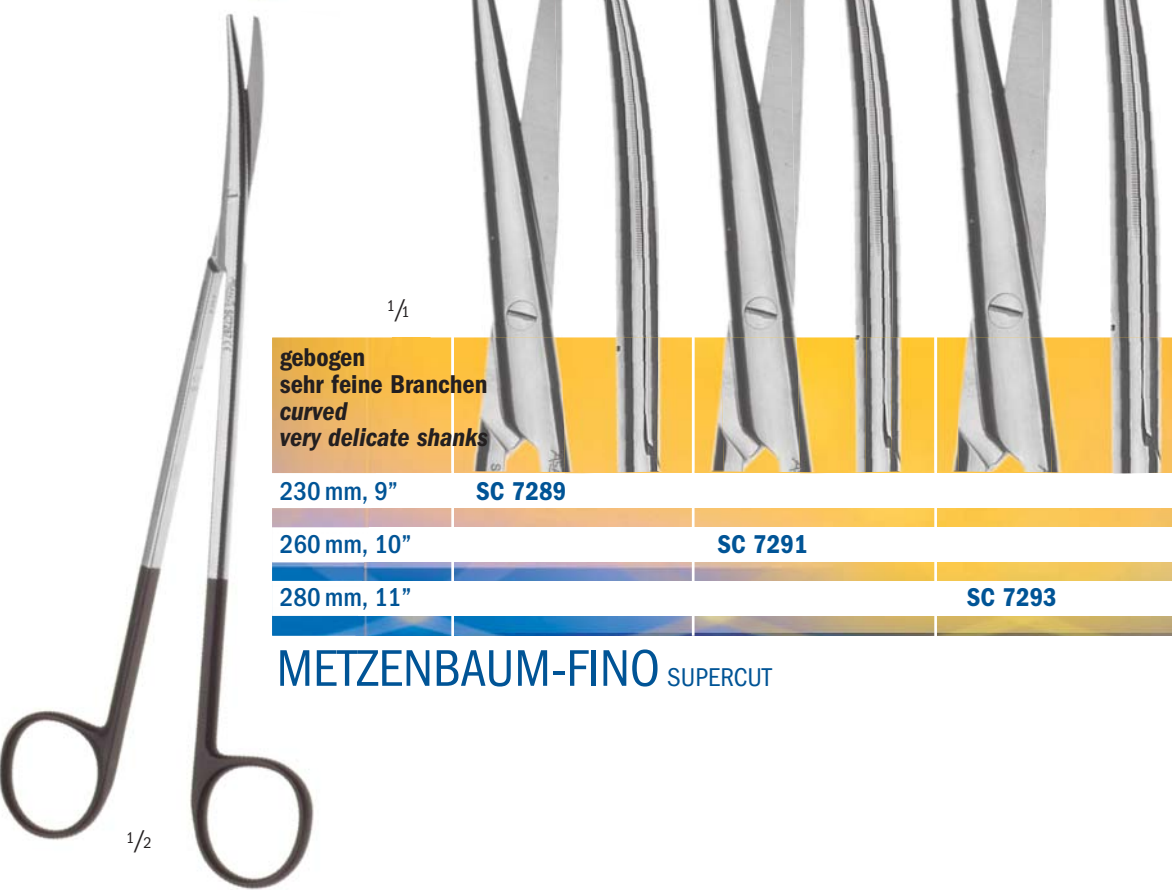




gerade  
sehr feine Branchen  
straight  
very delicate shanks

230 mm, 9"	SC 7288	
260 mm, 10"		SC 7290
280 mm, 11"		SC 7292

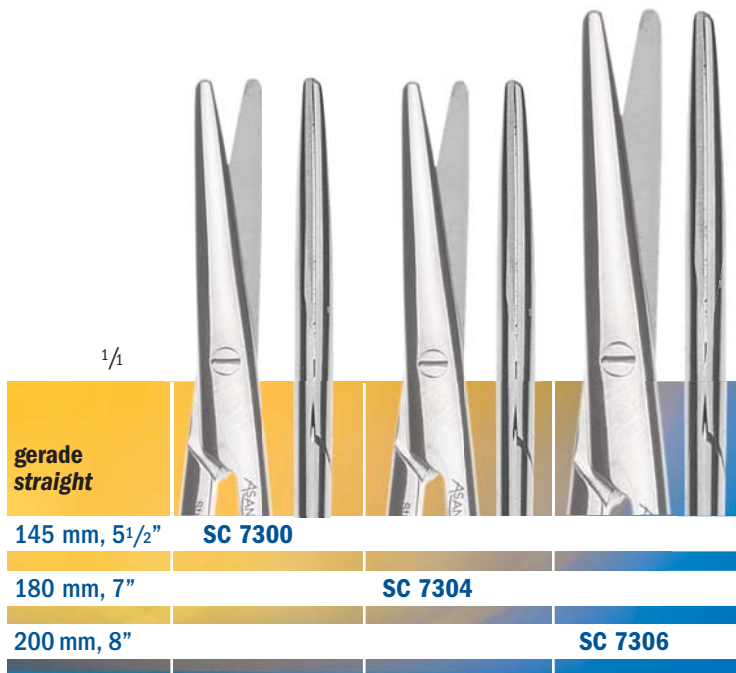
**METZENBAUM-FINO** SUPERCUT



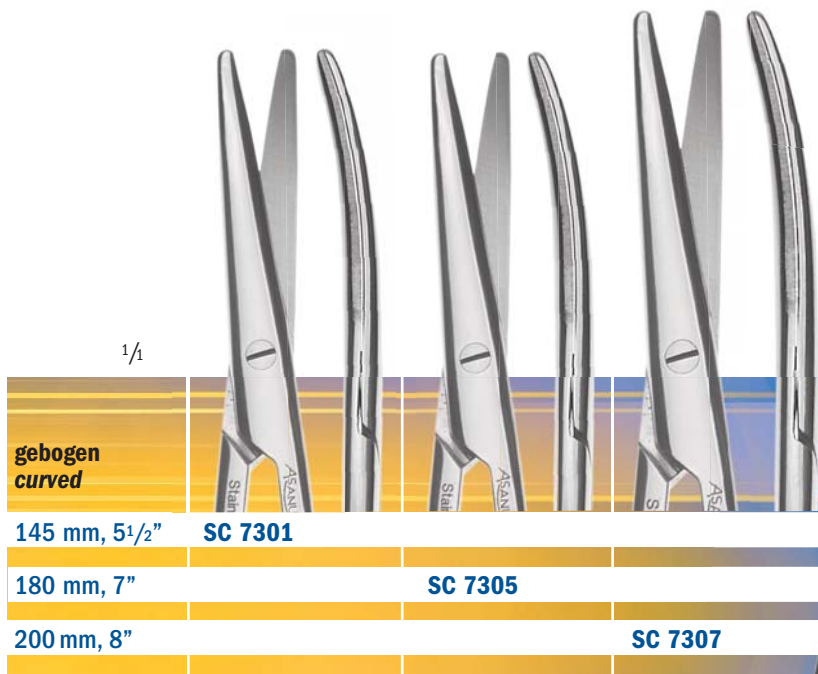
gebogen  
sehr feine Branchen  
curved  
very delicate shanks

230 mm, 9"	SC 7289	
260 mm, 10"		SC 7291
280 mm, 11"		SC 7293

**METZENBAUM-FINO** SUPERCUT



**METZENBAUM** SUPERCUT



**METZENBAUM** SUPERCUT





1/1

<b>gerade straight</b>				
230 mm, 9"	<b>SC 7308</b>			
260 mm, 10"		<b>SC 7310</b>		
280 mm, 11"			<b>SC 7312</b>	
300 mm, 12"				<b>SC 7314</b>

**METZENBAUM** SUPERCUT



1/1

<b>gebogen curved</b>				
230 mm, 9"	<b>SC 7309</b>			
260 mm, 10"		<b>SC 7311</b>		
280 mm, 11"			<b>SC 7313</b>	
300 mm, 12"				<b>SC 7315</b>

**METZENBAUM** SUPERCUT

1/2

gebogen curved	200 mm, 8"	SC 7307S
	230 mm, 9"	SC 7309S
	250 mm, 10"	SC 7311S
	250 mm, 10" stark gebogen/strongly curved	SC 7311SS
	275 mm, 10 <sup>1</sup> / <sub>2</sub> "	SC 7313S

**METZENBAUM LIGHT**  
DIE SPEZIALSCHERE - SUPERLEICHT  
- POWER CUT SCHNEIDFUNKTION  
THE GENIUS SCISSOR - SUPERLIGHT  
- POWER CUT FUNCTION

gebogen  
sehr fein  
curved  
very delicate

180 mm, 7" SC 7140

**LILLEHEY POTTS**

gebogen  
fein  
curved  
delicate

180 mm, 7" SC 7530

**TÖNNIS-ADSON**



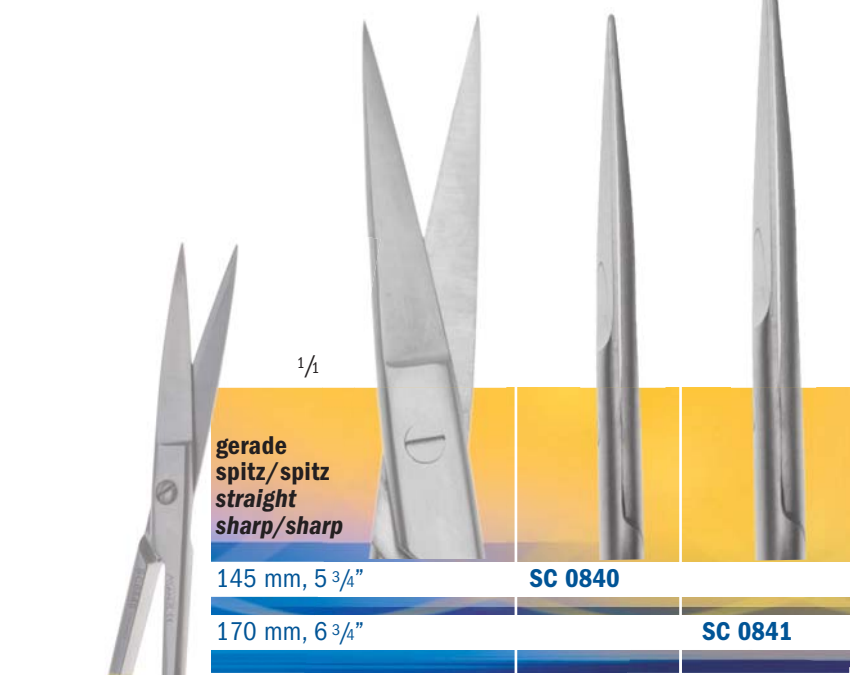


gerade spitz/spitz straight sharp/sharp	gebogen spitz/spitz curved sharp/sharp	gerade spitz/stumpf straight sharp/blunt	gebogen spitz/stumpf curved sharp/blunt	seitwärts gebogen spitz/spitz curved to side sharp/sharp	
110 mm, 4 1/4"	<b>SC 0800</b>	<b>SC 0429</b>	<b>SC 0442</b>	<b>SC 0443</b>	<b>SC 0475</b>

**IRISSCHEREN**

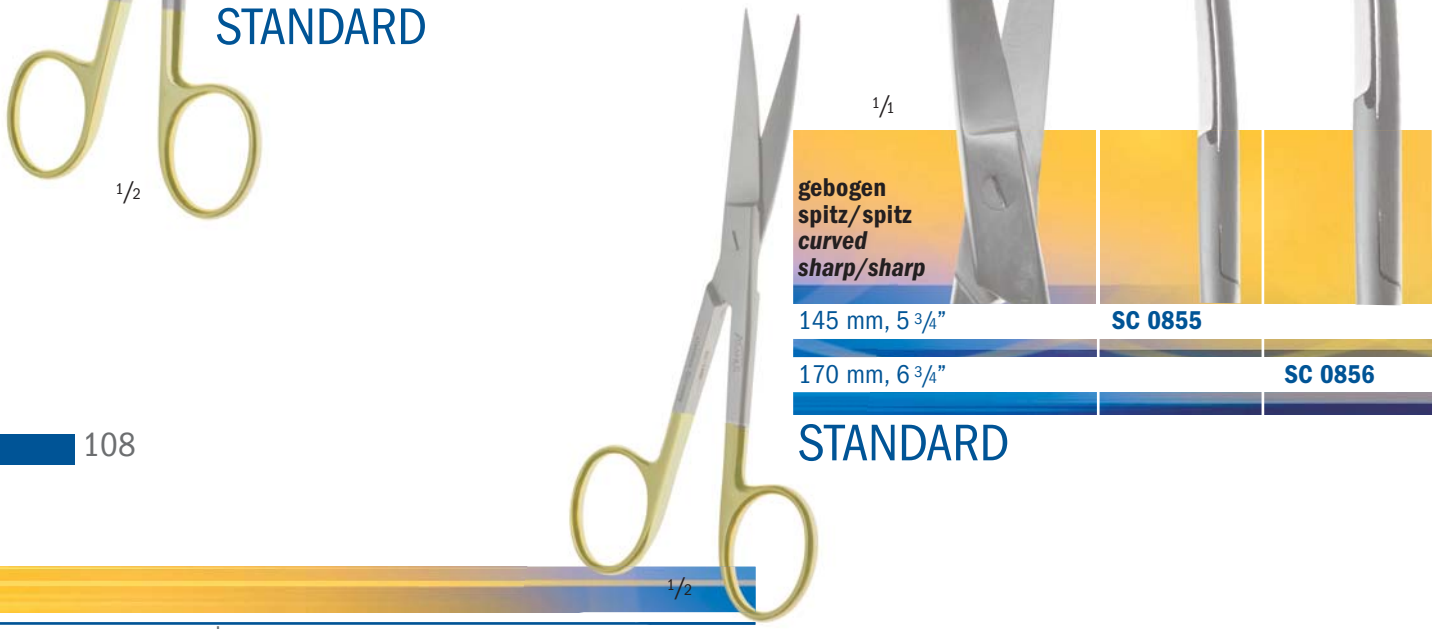
**POWER TC** Scheren sind mit einer Spezialklinge mit über 20% härterem Stahl in die Schneide eingearbeitet. Dies ermöglicht eine sehr hohe Schnittstandzeit und spart Reparatur- und Ersatzkosten.

***POWER TC** Scissors are manufactured with a special Tungsten Carbide Inlay which is more than 20% harder than Standard surgical scissor steel. Lower repair- and exchange cost make **POWER TC** scissors to a long durability scissor.*




gerade spitz/spitz straight sharp/sharp		
145 mm, 5 3/4"	<b>SC 0840</b>	
170 mm, 6 3/4"		<b>SC 0841</b>

**STANDARD**






gebogen spitz/spitz curved sharp/sharp		
145 mm, 5 3/4"	<b>SC 0855</b>	
170 mm, 6 3/4"		<b>SC 0856</b>


**STANDARD**






1/2

<b>gerade</b> <b>spitz/stumpf</b> <b>straight</b> <b>sharp/blunt</b>			
	145 mm, 5 3/4"	<b>SC 0870</b>	
165 mm, 6 1/2"			<b>SC 0872</b>

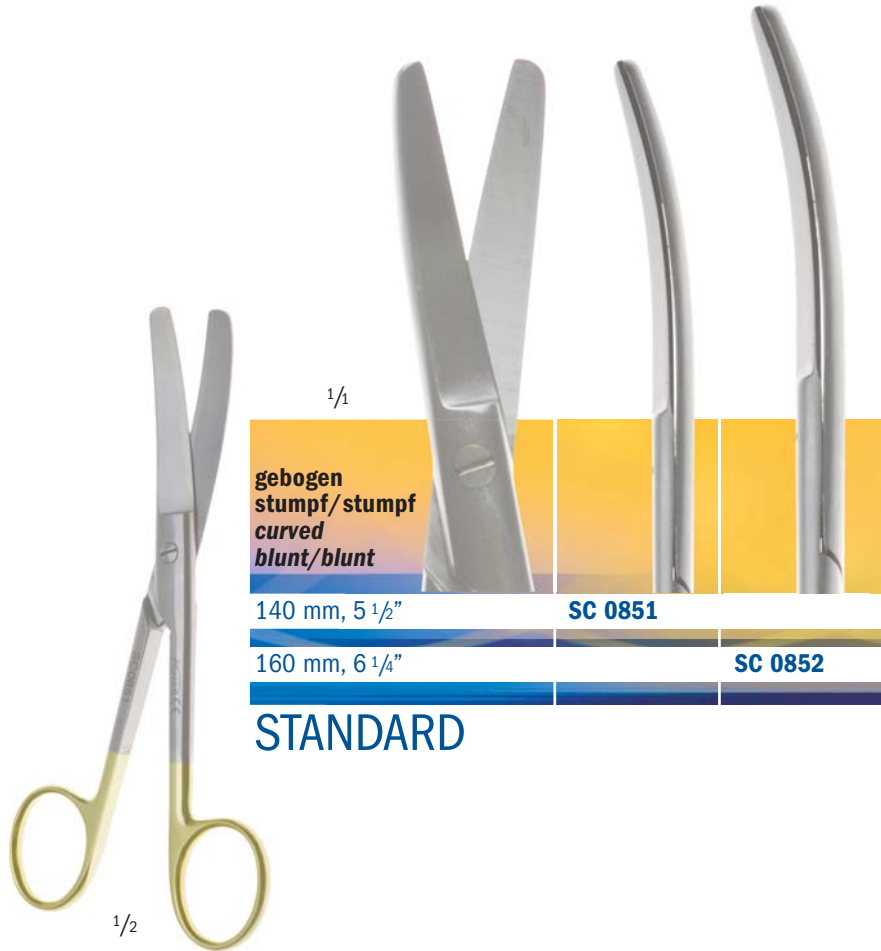
**STANDARD**



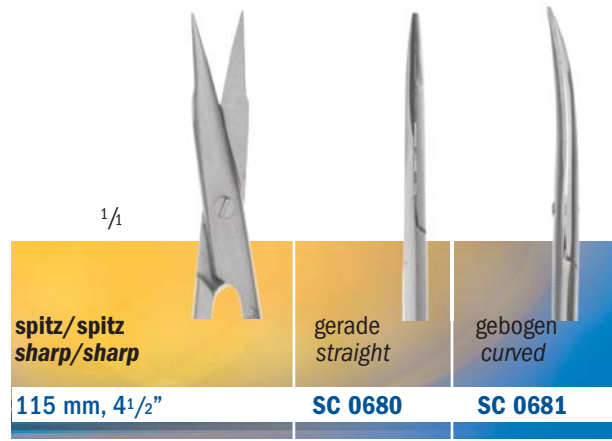
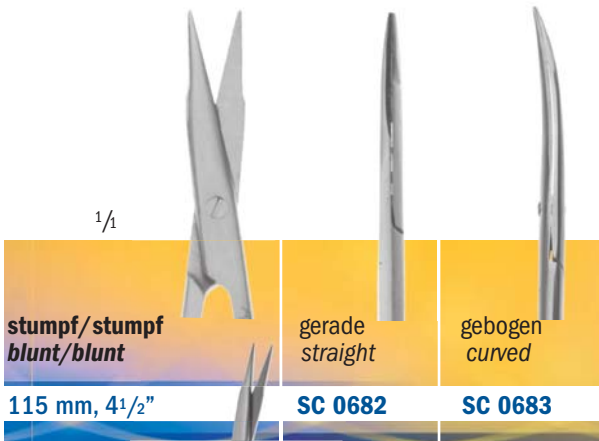
1/2

<b>gebogen</b> <b>spitz/stumpf</b> <b>curved</b> <b>sharp/blunt</b>			
	145 mm, 5 3/4"	<b>SC 0871</b>	
165 mm, 6 1/2"			<b>SC 0873</b>

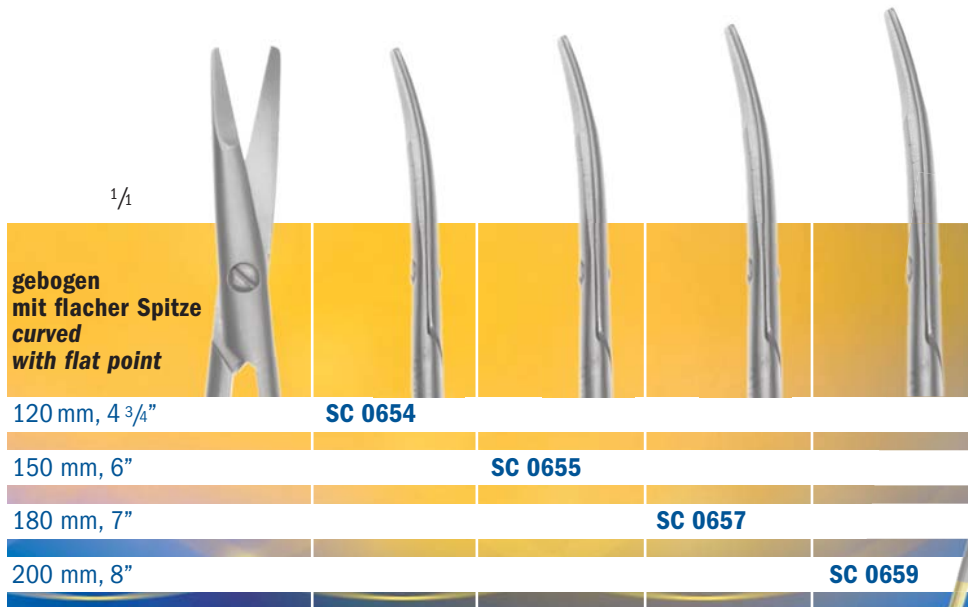
**STANDARD**



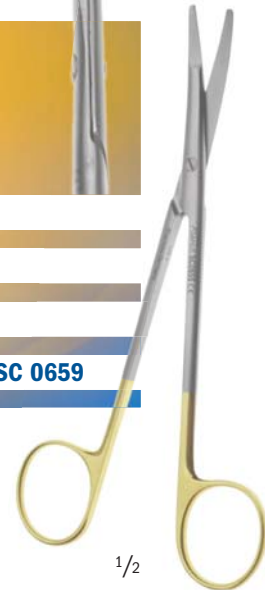




STEVENS



KILNER



1/1

<b>gebogen, stumpf</b> <b>curved, blunt</b>		<b>SC 0721</b>
150 mm, 6"		
180 mm, 7"		<b>SC 0724</b>

**REYNOLDS**

1/2

1/1

<b>gerade</b> <b>straight</b>		<b>SC 2096</b>
150 mm, 6"		
170 mm, 6 3/4"		<b>SC 2098</b>

**MAYO-STILLE**

1/2

1/1

<b>gebogen</b> <b>curved</b>		<b>SC 2097</b>
150 mm, 6"		
170 mm, 6 3/4"		<b>SC 2099</b>

**MAYO-STILLE**

1/2

1/1

**gerade  
straight**

145 mm, 5 3/4"	<b>SC 0890</b>
170 mm, 6 3/4"	<b>SC 0892</b>
230 mm, 9"	<b>SC 0894</b>

**MAYO**

1/2

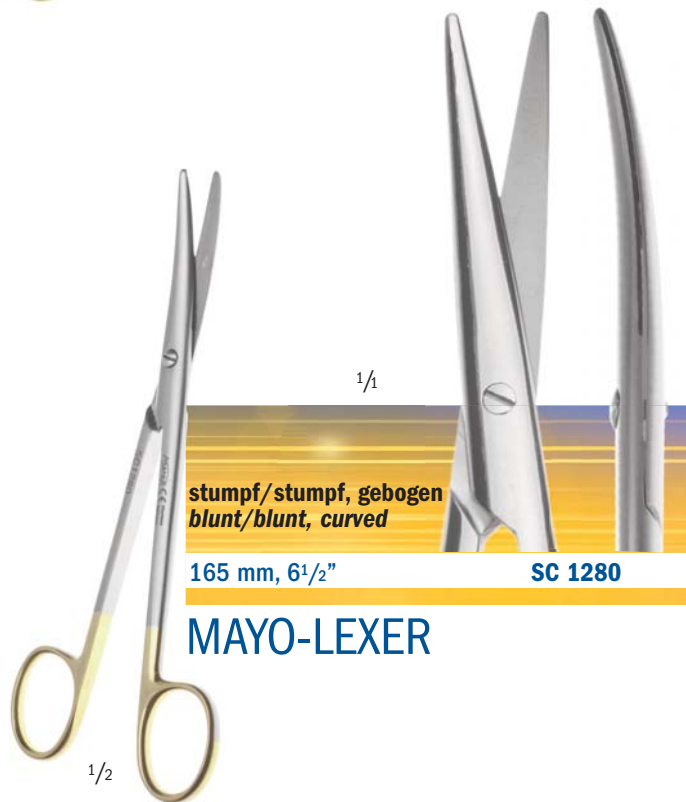
1/1

**gebogen  
curved**

145 mm, 5 3/4"	<b>SC 0891</b>
170 mm, 6 3/4"	<b>SC 0893</b>
230 mm, 9"	<b>SC 0895</b>

**MAYO**

1/2



<sup>1/1</sup>

**gerade**  
extra fein abgerundete Spitzen  
**straight**  
extra delicate rounded tips

145 mm, 5 <sup>3</sup> / <sub>4</sub> "	SC 1320
180 mm, 7 "	SC 1322
205 mm, 8"	SC 1324
230 mm, 9"	SC 1326

**METZENBAUM  
ULTRA-FINO**

<sup>1/2</sup>


<sup>1/1</sup>

**gebogen**  
extra fein abgerundete Spitzen  
**curved**  
extra delicate rounded tips

145 mm, 5 <sup>3</sup> / <sub>4</sub> "	SC 1321
180 mm, 7 "	SC 1323
205 mm, 8"	SC 1325
230 mm, 9"	SC 1327
280 mm, 11"	SC 1329


**METZENBAUM  
ULTRA-FINO**

<sup>1/2</sup>



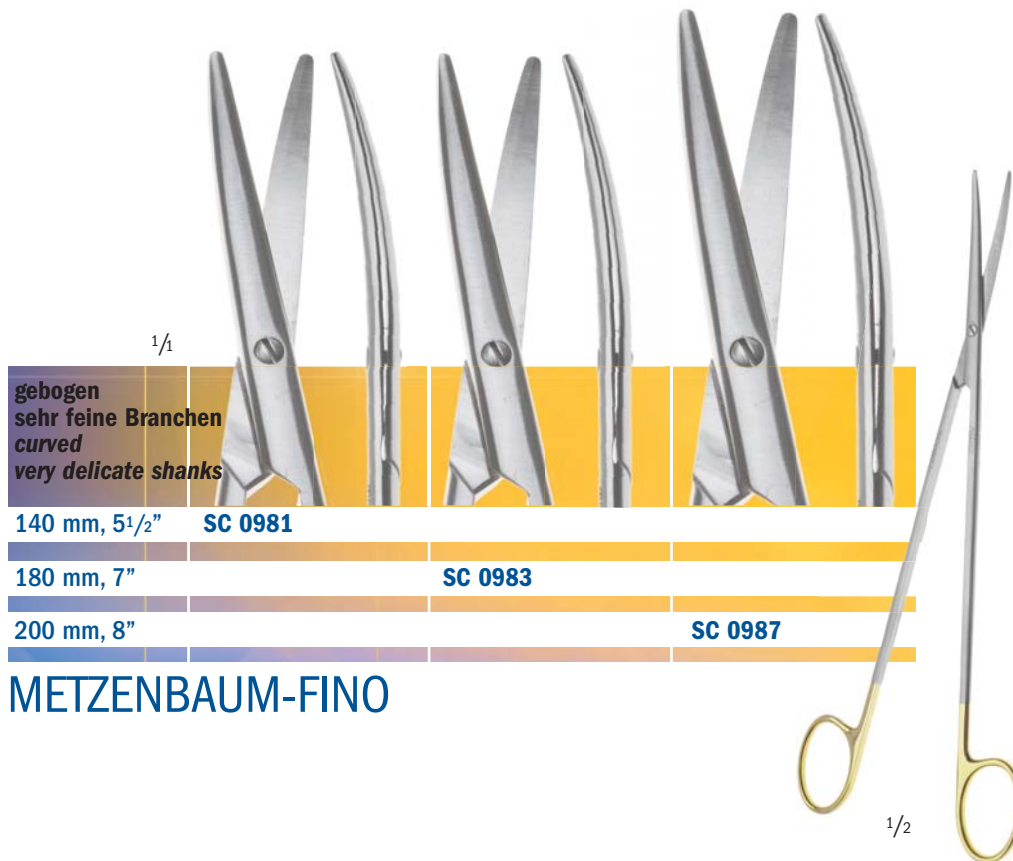
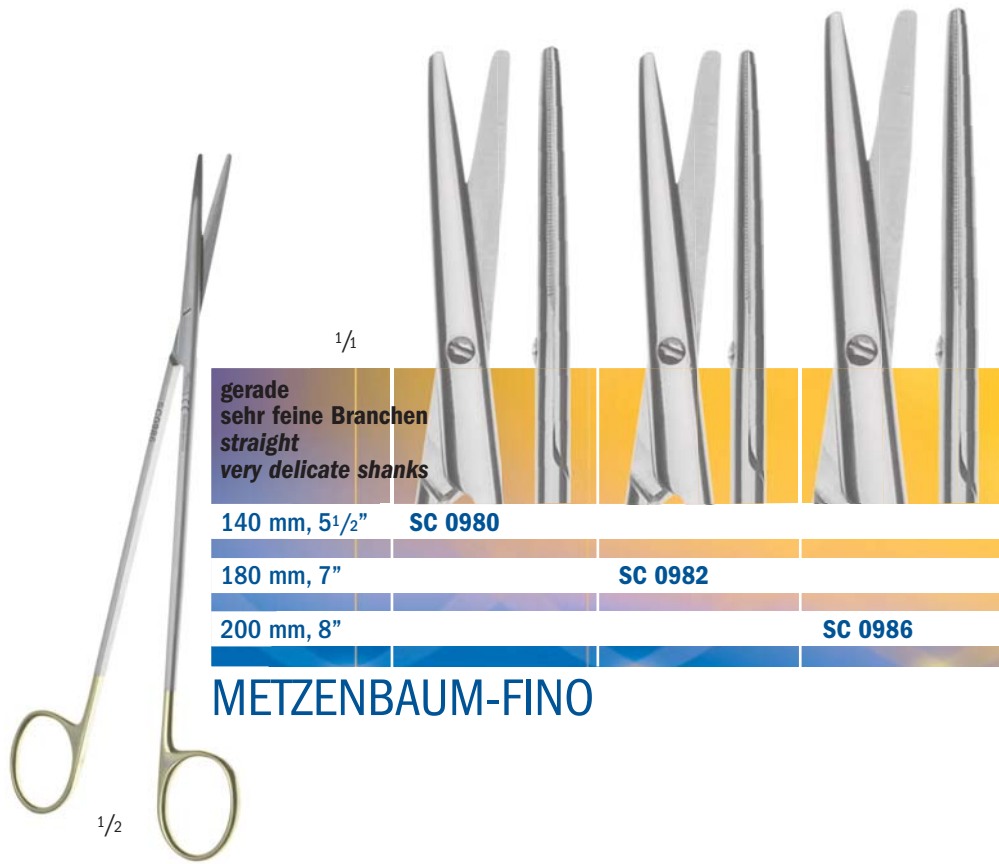
<b>gerade spitz/spitz, extra feine Spitzen straight sharp/sharp, extra delicate tips</b>	<b>SC 1312</b>
145 mm, 5 <sup>3</sup> / <sub>4</sub> "	
180 mm, 7"	<b>SC 1314</b>
230 mm, 9"	<b>SC 1318</b>

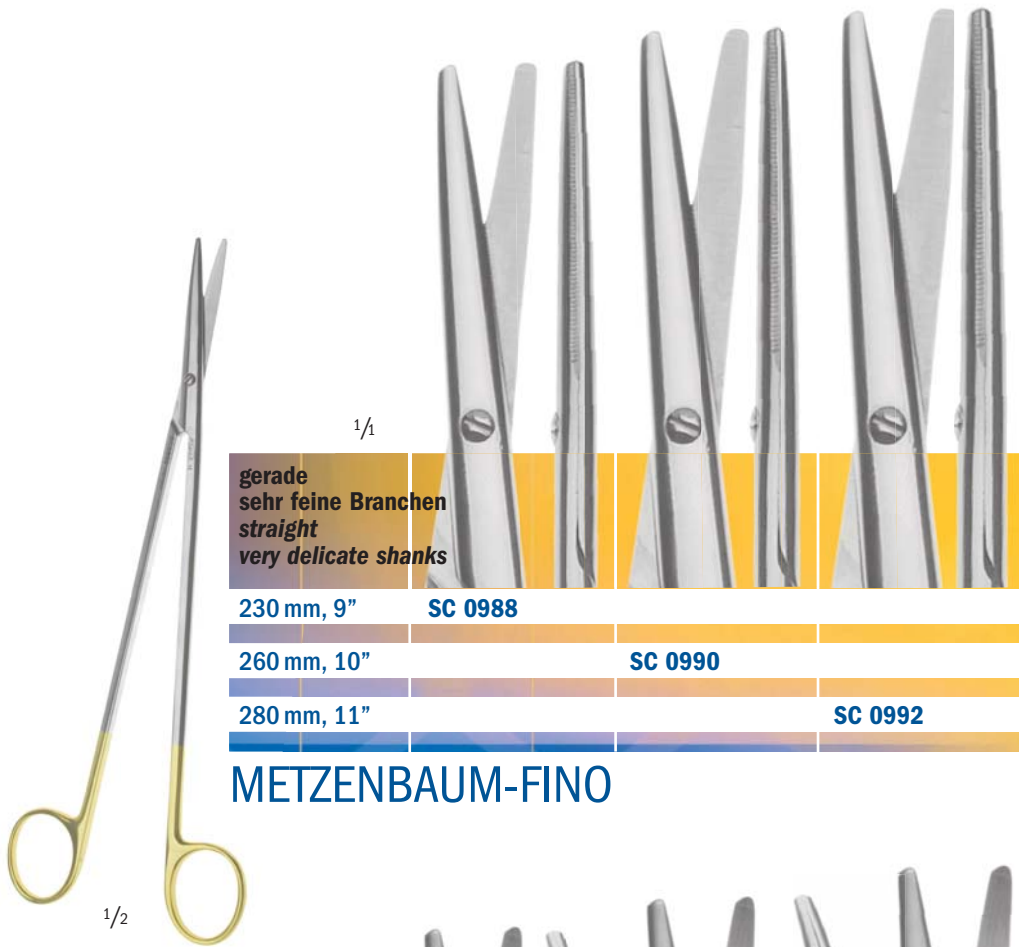
**METZENBAUM  
ULTRA-FINO**



<b>gebogen spitz/spitz, extra feine Spitzen curved sharp/sharp, extra delicate tips</b>	<b>SC 1313</b>
145 mm, 5 <sup>3</sup> / <sub>4</sub> "	
180 mm, 7"	<b>SC 1315</b>

**METZENBAUM  
ULTRA-FINO**

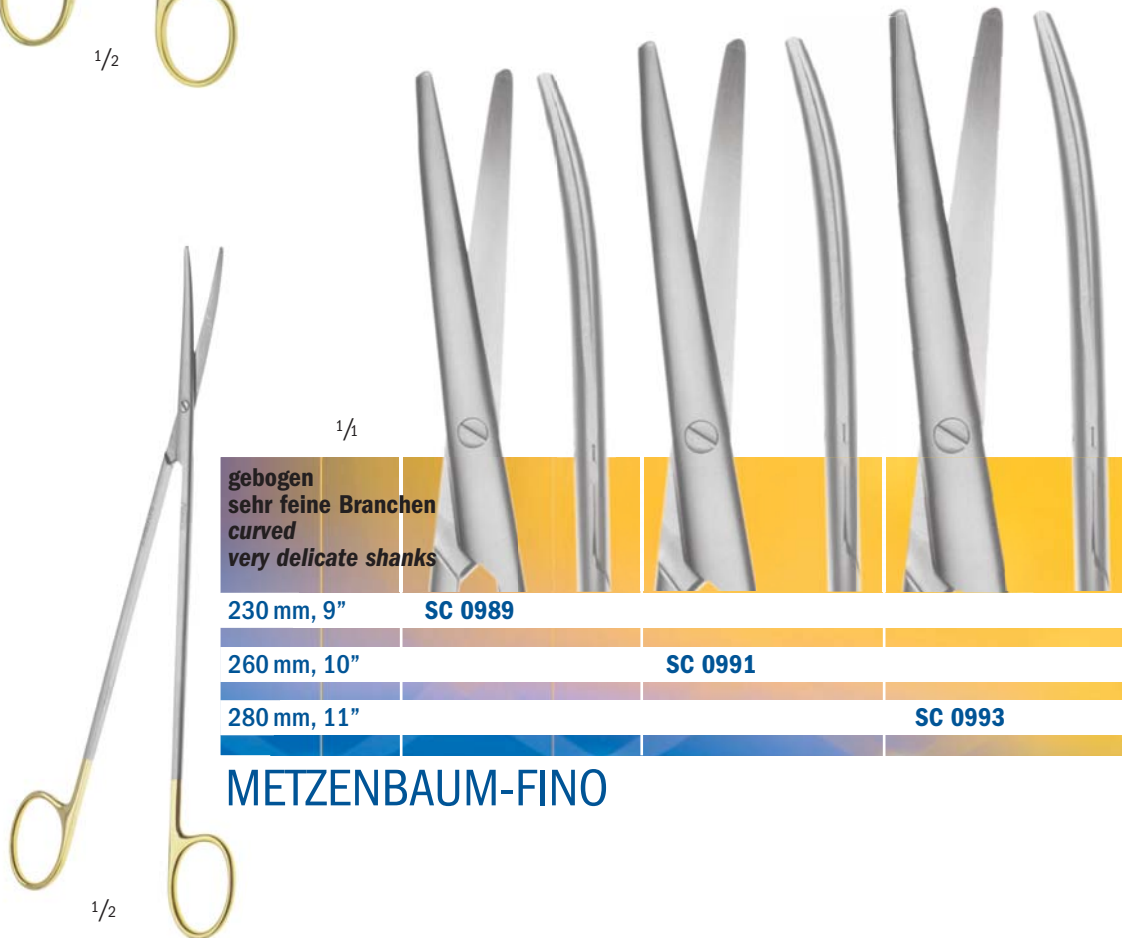




gerade  
sehr feine Branchen  
straight  
very delicate shanks

230 mm, 9"	<b>SC 0988</b>
260 mm, 10"	<b>SC 0990</b>
280 mm, 11"	<b>SC 0992</b>

**METZENBAUM-FINO**

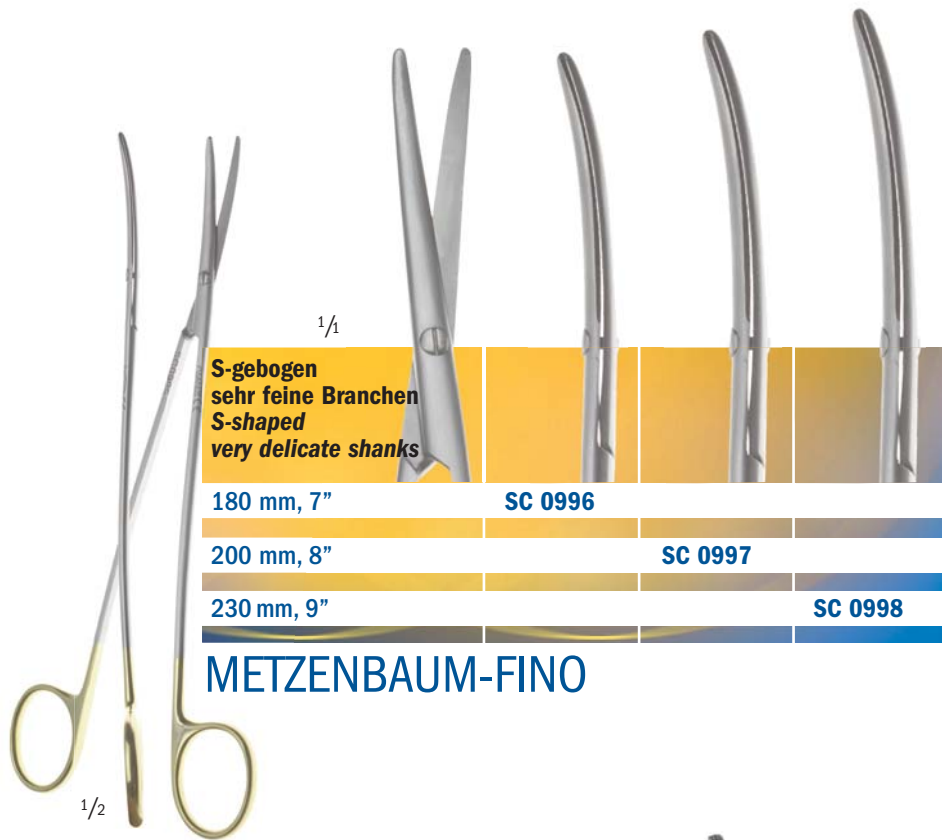


gebogen  
sehr feine Branchen  
curved  
very delicate shanks

230 mm, 9"	<b>SC 0989</b>
260 mm, 10"	<b>SC 0991</b>
280 mm, 11"	<b>SC 0993</b>

**METZENBAUM-FINO**





**S-gebogen**  
**sehr feine Branchen**  
**S-shaped**  
**very delicate shanks**

180 mm, 7"

SC 0996

200 mm, 8"

SC 0997

230 mm, 9"

SC 0998

**METZENBAUM-FINO**

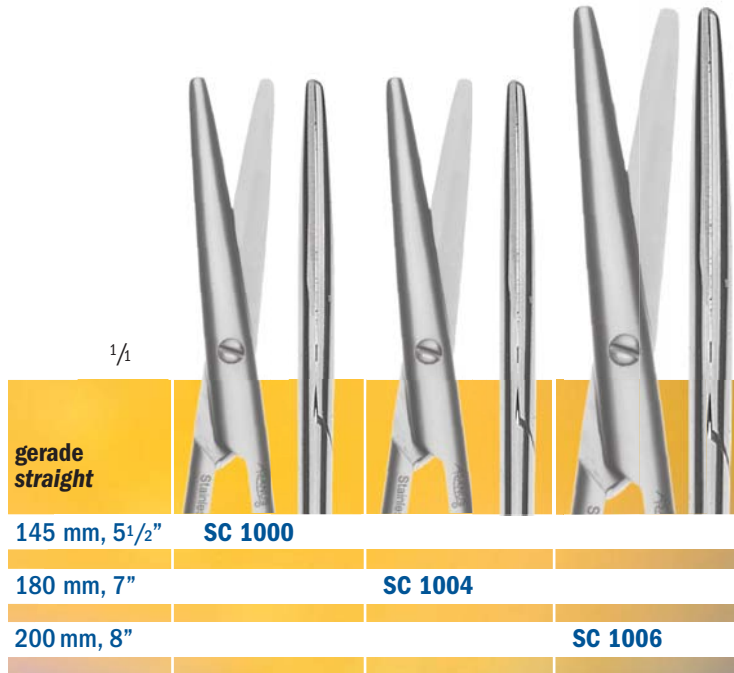


**stumpf/stumpf**  
**blunt/blunt**

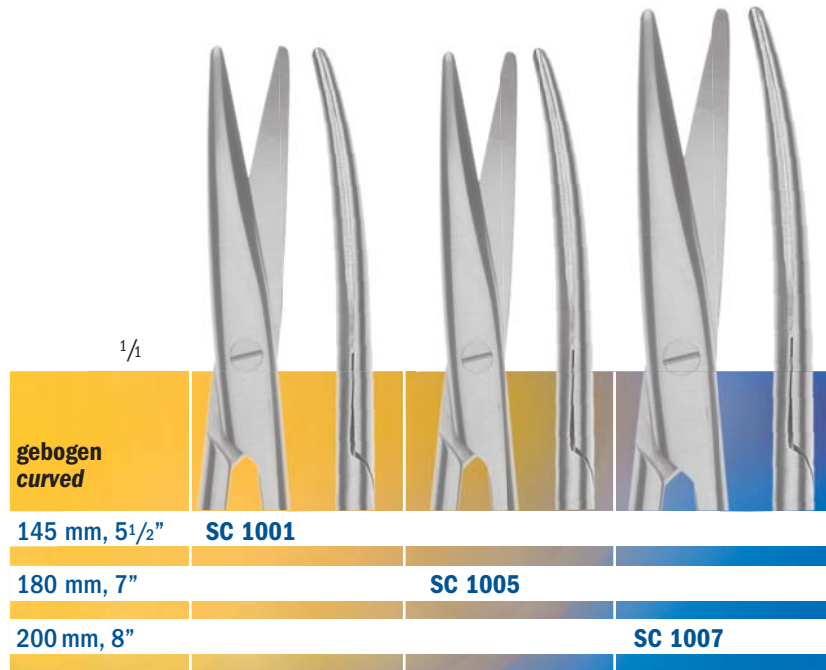
200 mm, 8"

SC 0987-1

**METZENBAUM-FINO**



**METZENBAUM**



**METZENBAUM**



gerade  
straight

230 mm, 9" SC 1008

METZENBAUM

1/4

gebogen  
curved

230 mm, 9" SC 1009

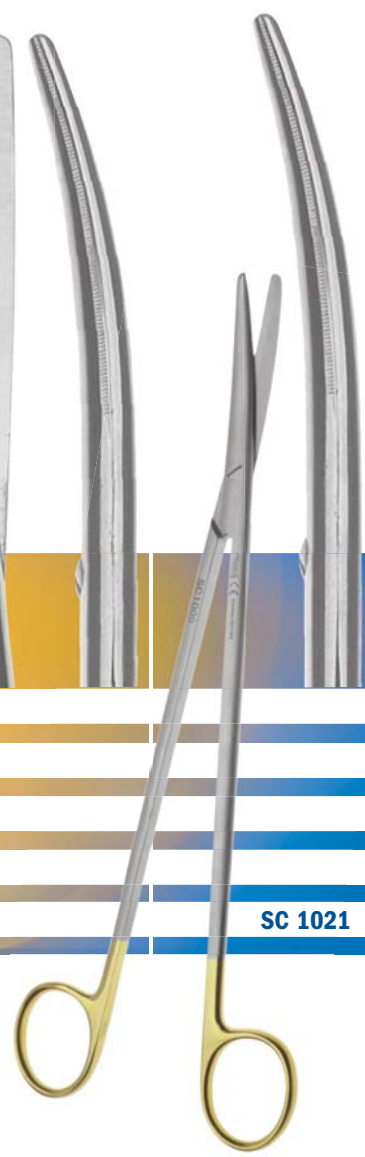
260 mm, 10" SC 1011

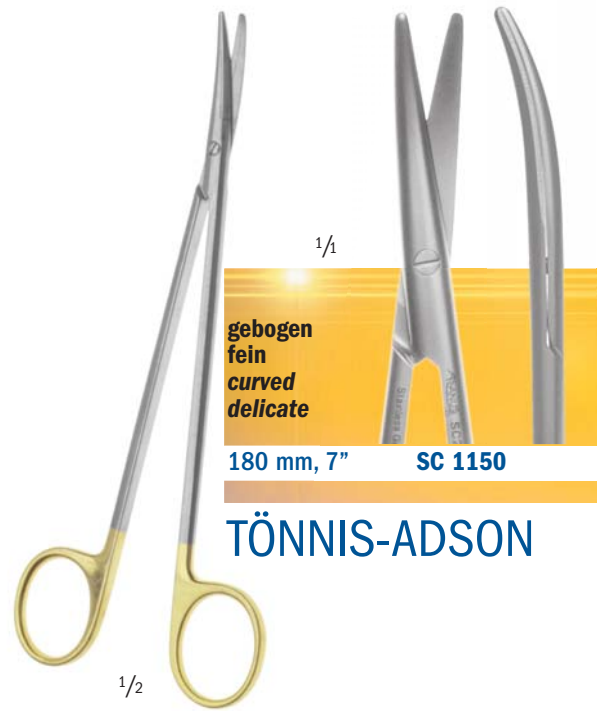
280 mm, 11" SC 1013

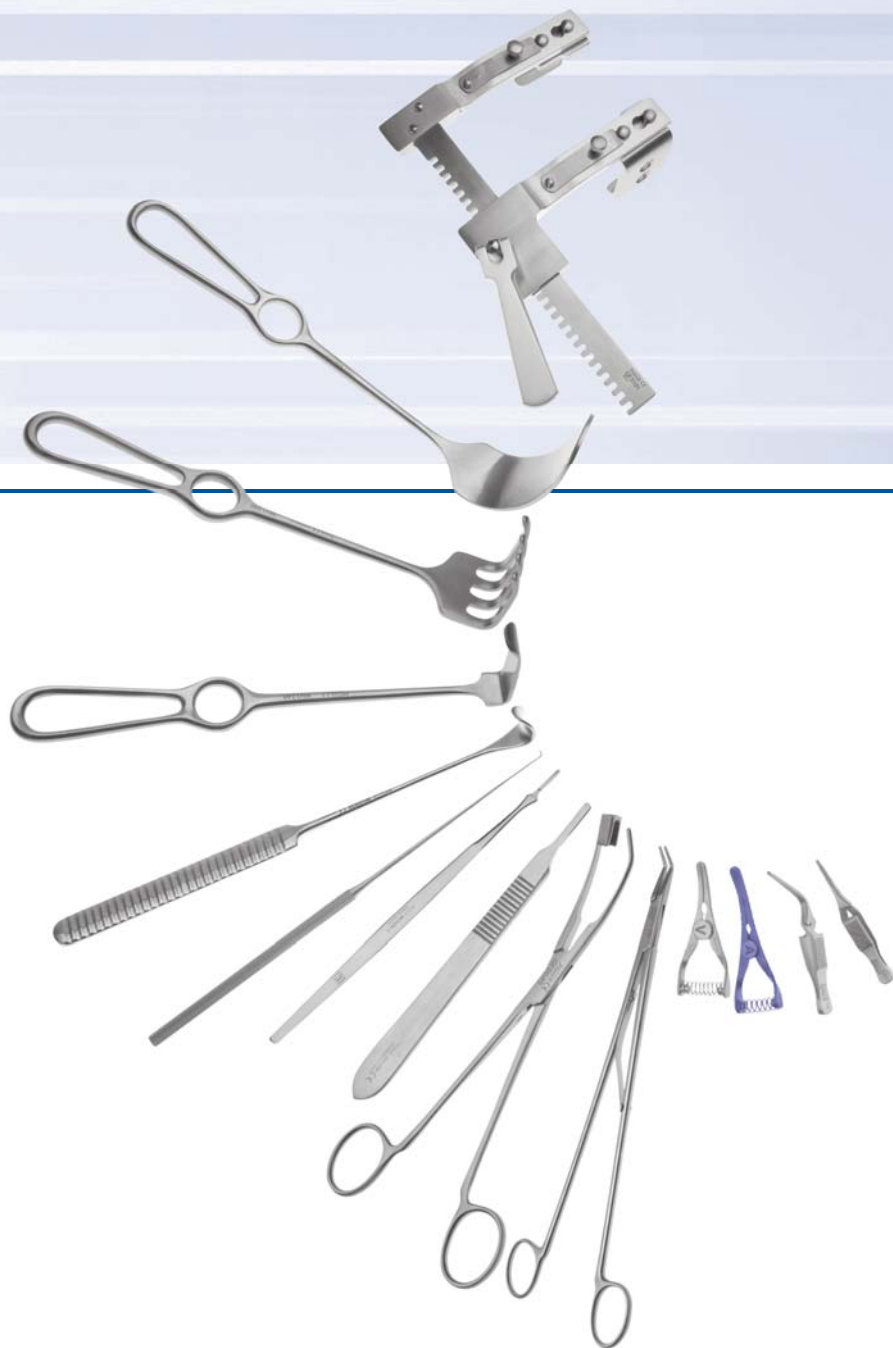
300 mm, 12" SC 1015

350 mm, 14" SC 1021

METZENBAUM







SKALPELLGRIFFE  
*SCALPEL HANDLES*

BULLDOGKLEMMEN  
*BULLDOG CLAMPS*

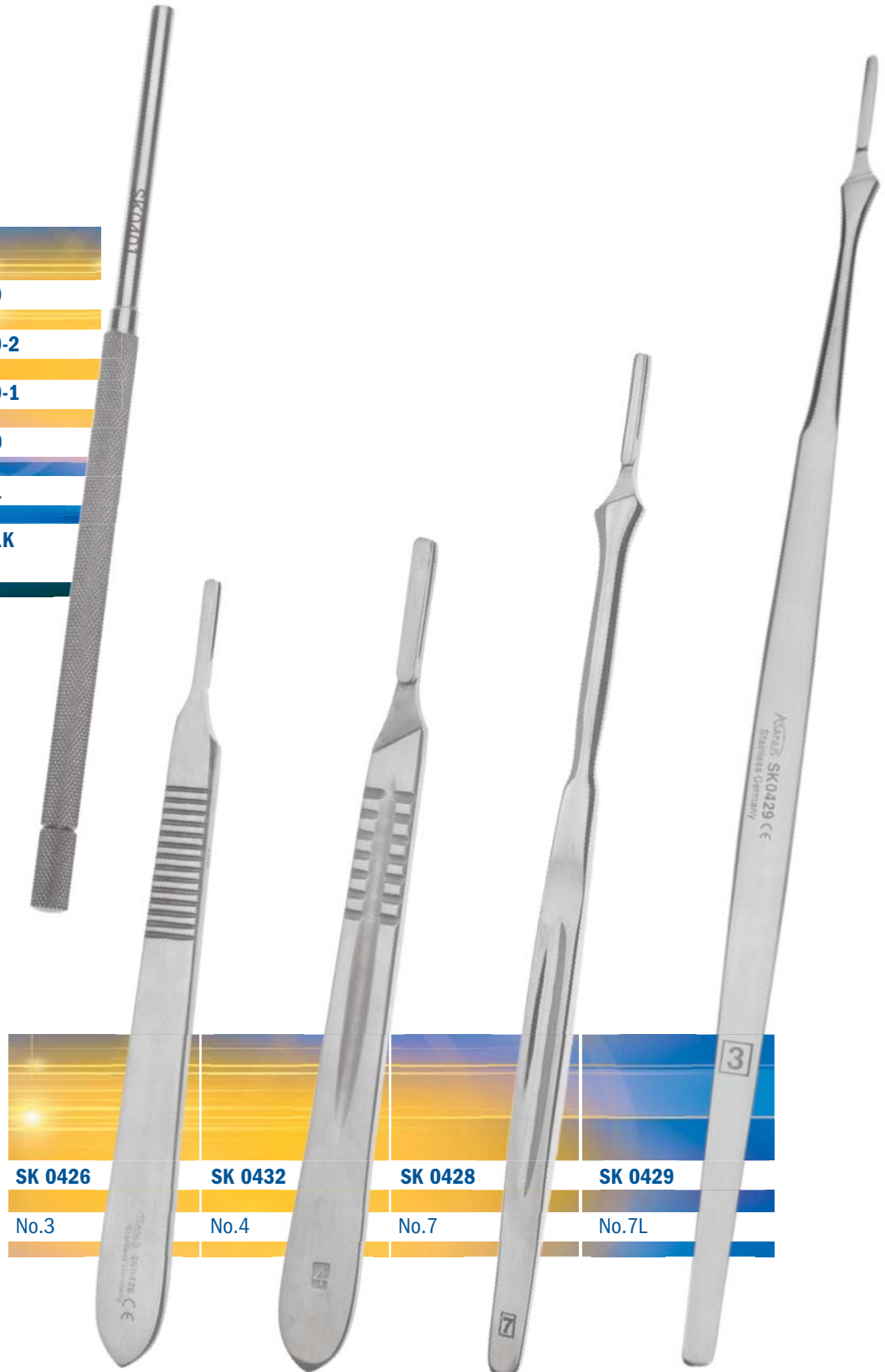
ANLEGEPINZETTEN  
*APPLYING FORCEPS*

WUNDHAKEN  
*WOUND RETRACTORS*

SPERRER  
*RETRACTORS*

95 mm	<b>SK 0399</b>
350 mm	<b>SK 0399-2</b>
400 mm	<b>SK 0399-1</b>
135 mm	<b>SK 0400</b>
155 mm	<b>SK 0401</b>
155 mm	<b>SK 0401K</b>
Karbon / Karbon	

**MIKRO**  
**MICRO**



<b>SK 0426</b>	<b>SK 0432</b>	<b>SK 0428</b>	<b>SK 0429</b>
No.3	No.4	No.7	No.7L

für Klagen von  
Fig. 1-17/  
for blades fig. 1-17

für Klagen von  
Fig. 18-36/  
for blades fig. 18-36

für Klagen von  
Fig. 1-17/  
for blades fig. 1-17

für Klagen von  
Fig. 1-17/  
for blades fig. 1-17

Die Oberfläche der Griffe sind in extrem widerstandsfähigem Hochglanz bearbeitet.  
Handles are in mirror finish made. It is an excellent resistant surface against steam etc.

Fügen Sie ein **M** hinter die Artikelnummer, wenn Sie die Griffe in MATT wünschen.  
Please add **M** after the article code if you request the handles **DULL BRUSHED**.



<b>fein atraumatisch</b> <i>fine atraumatic</i>	gerade <i>straight</i>	gerade <i>straight</i>	gerade <i>straight</i>	gewinkelt <i>angled</i>	gewinkelt <i>angled</i>	gewinkelt <i>angled</i>
	<b>GF 0002</b>	<b>GF 0004</b>	<b>GF 0006</b>	<b>GF 0003</b>	<b>GF 0005</b>	<b>GF 0007</b>
Maullänge <i>jaw length</i>	10 mm	14 mm	18 mm	10 mm	14 mm	18 mm

## BULLDOGGKLEMMEN

Gewicht / *weight* 1,0 g  
Schliesskraft / *closing pressure* 30 g

<b>fein gerieft</b> <i>fine serrated</i>	gerade <i>straight</i>	gerade <i>straight</i>	gerade <i>straight</i>	gewinkelt <i>angled</i>	gewinkelt <i>angled</i>	gewinkelt <i>angled</i>
	<b>GF 0012</b> <b>GF 0012S</b>	<b>GF 0014</b> <b>GF 0014S</b>	<b>GF 0016</b> <b>GF 0016S</b>	<b>GF 0013</b> <b>GF 0013S</b>	<b>GF 0015</b> <b>GF 0015S</b>	<b>GF 0017</b> <b>GF 0017S</b>
Maullänge <i>jaw length</i>	8 mm	12 mm	16 mm	8 mm	12 mm	16 mm
Gesamtlänge <i>total length</i>	50 mm, 2"	50 mm, 2"	50 mm, 2"	45 mm, 1 <sup>1</sup> / <sub>3</sub> "	45 mm, 1 <sup>1</sup> / <sub>3</sub> "	45 mm, 1 <sup>1</sup> / <sub>3</sub> "

<b>glatt</b> <i>smooth</i>	gerade <i>straight</i>	gewinkelt <i>angled</i>
	<b>GF 0009</b>	<b>GF 0011</b>
Maullänge <i>jaw length</i>	8 mm	12 mm
Gesamtlänge <i>total length</i>	50 mm, 2"	50 mm, 2"

## DIETHRICH

Gewicht / *weight* 3,0 g  
Schliesskraft / *closing pressure* 80 g  
S = Schliesskraft / *closing pressure* 180 g



	gebogen <i>curved</i>
48mm	<b>GF 0913</b>

## DIETHRICH DE BAKHEY

<b>Bulldogklemmen</b> <b>Bulldog clamps</b> <b>Pressure 30g</b>	gewinkelt angled Stahl steel	gewinkelt angled Titan titanium	gerade straight Stahl steel	gerade straight Titan titanium	gebogen curved Titan titanium
10 mm	<b>GF 0019</b>	<b>GF 0019T</b>	<b>GF 0022</b>	<b>GF 0022T</b>	
15 mm	<b>GF 0020</b>	<b>GF 0020T</b>	<b>GF 0023</b>	<b>GF 0023T</b>	<b>GF 0030T</b>
20 mm	<b>GF 0021</b>	<b>GF 0021T</b>	<b>GF 0024</b>	<b>GF 0024T</b>	

**SOFTGRIP MICRO 30g**

stark gebogen strongly curved	45° gewinkelt angled	25° gewinkelt angled	90° gewinkelt angled	gebogen curved	gerade straight
<b>GF 0651</b>	<b>GF 0652</b>	<b>GF 0653</b>	<b>GF 0654</b>	<b>GF 0655</b>	<b>GF 0656</b>

**MINI-BULLDOGKLEMMEN**

gerade straight	gebogen curved	60° gewinkelt 60° angled
57 mm <b>GF 0904</b>	58 mm <b>GF 0905</b>	58 mm <b>GF 0906</b>


60° gewinkelt Innen-Ø 4,6 mm, 60° angled Inside-Ø 4,6 mm,	<b>TITAN</b> <b>TITANIUM</b>
86 mm, 3 1/2"	<b>GF 8610</b>

**BULLDOG SHUNT  
KLEMME**




**DE BAKEY**






gerade straight	V = Vena	A = Arteria	V = Vena	A = Arteria	V = Vena	A = Arteria	V = Vena	A = Arteria
	<b>GF 0701</b>	<b>GF 0711</b>	<b>GF 0702</b>	<b>GF 0712</b>	<b>GF 0703</b>	<b>GF 0713</b>	<b>GF 0704</b>	<b>GF 0714</b>
Gesamtlänge Total length	30 mm	30 mm	35 mm	35 mm	40 mm	40 mm	50 mm	50 mm
Maullänge Jaw length	9 mm	9 mm	13 mm	13 mm	14 mm	14 mm	23 mm	23 mm
Schließdruck Occlusion pressure	110+10gr.	220+10gr.	110+10gr.	220+10gr.	110+10gr.	220+10gr.	110+10gr.	220+10gr.
Gewicht Weight	1 gr.	1 gr.	1 gr.	1 gr.	1 gr.	1 gr.	1,5 gr.	1,5 gr.



gebogen curved	V = Vena	A = Arteria	V = Vena	A = Arteria	V = Vena	A = Arteria	V = Vena	A = Arteria
	<b>GF 0731</b>	<b>GF 0741</b>	<b>GF 0732</b>	<b>GF 0742</b>	<b>GF 0733</b>	<b>GF 0743</b>	<b>GF 0734</b>	<b>GF 0744</b>
Gesamtlänge Total length	30 mm	30 mm	35 mm	35 mm	40 mm	40 mm	48 mm	48 mm
Maullänge Jaw length	9 mm	9 mm	13 mm	13 mm	14 mm	14 mm	22 mm	22 mm
Schließdruck Occlusion pressure	110+10gr.	220+10gr.	110+10gr.	220+10gr.	110+10gr.	220+10gr.	110+10gr.	220+10gr.
Gewicht Weight	1 gr.	1 gr.	1 gr.	1 gr.	1 gr.	1 gr.	1,5 gr.	1,5 gr.



stark gebogen strongly curved	V = Vena	A = Arteria	V = Vena	A = Arteria	V = Vena	A = Arteria	V = Vena	A = Arteria
	<b>GF 0747</b>	<b>GF 0749</b>	<b>GF 0752</b>	<b>GF 0762</b>	<b>GF 0753</b>	<b>GF 0763</b>	<b>GF 0754</b>	<b>GF 0764</b>
Gesamtlänge Total length	30 mm	30 mm	35 mm	35 mm	40 mm	40 mm	50 mm	50 mm
Maullänge Jaw length	9 mm	9 mm	13 mm	13 mm	14 mm	14 mm	21 mm	21 mm
Schließdruck Occlusion pressure	110+10gr.	220+10gr.	110+10gr.	220+10gr.	110+10gr.	220+10gr.	110+10gr.	220+10gr.
Gewicht Weight	1 gr.	1 gr.	1 gr.	1 gr.	1 gr.	1 gr.	1,5 gr.	1,5 gr.

<b>Carotis</b> <b>Carotid</b>	links gebogen <i>bent to left</i>	rechts gebogen <i>bent to right</i>
110 mm, 4 <sup>3</sup> / <sub>8</sub> "	<b>GF 0897</b>	<b>GF 0898</b>

**GREGORY**



MINI, fein <i>MINI, delicate</i>	<b>GF 0700</b>	<b>GF 0710</b>	<b>GF 0720</b>
Mauillänge <i>Jaw length</i>	27 mm	38 mm	50 mm
Gesamtlänge <i>Total length</i>	48 mm	73 mm	95 mm

atraumatic <i>atraumatic</i>	<b>GF 0690</b>
Mauillänge <i>Jaw length</i>	27 mm
Gesamtlänge <i>Total length</i>	50 mm

**DE BAKEY**

gewinkelt <i>angled</i>	<b>GF 0970</b>
Mauillänge <i>Jaw length</i>	27 mm
Gesamtlänge <i>Total length</i>	57 mm

**DE BAKEY SATINSKY**



<b>De Bakey</b>	gerade <i>straight</i>	gerade <i>straight</i>	gerade <i>straight</i>	gerade <i>straight</i>
<b>Stahl/Steel Titanium</b>	<b>GF 0890 GF 8410</b>	<b>GF 0910 GF 8412</b>	<b>GF 0930 GF 8414</b>	<b>GF 0950 GF 8416</b>
Maullänge <i>jaw length</i>	20 mm	30 mm	46 mm	68 mm
Gesamtlänge <i>total length</i>	75 mm	85 mm	110 mm	120 mm



<b>De Bakey</b>	gebogen <i>curved</i>	gebogen <i>curved</i>	gebogen <i>curved</i>	gebogen <i>curved</i>
<b>Stahl/Steel Titanium</b>	<b>GF 0900 GF 8411</b>	<b>GF 0920 GF 8413</b>	<b>GF 0940 GF 8415</b>	<b>GF 0960 GF 8415</b>
Maullänge <i>jaw length</i>	18 mm	27 mm	39 mm	53 mm
Gesamtlänge <i>total length</i>	75 mm	80 mm	100 mm	115 mm



<b>De Bakey</b>	gerade <i>straight</i>	gerade <i>straight</i>	gerade <i>straight</i>	gerade <i>straight</i>
<b>Stahl/Steel</b>	<b>GF 0975</b>	<b>GF 0980</b>	<b>GF 1000</b>	<b>GF 1020</b>
Maullänge <i>jaw length</i>	19 mm	28 mm	41 mm	60 mm
Gesamtlänge <i>total length</i>	60 mm	70 mm	90 mm	110 mm

GLOVER



<b>De Bakey</b>	gebogen <i>curved</i>	gebogen <i>curved</i>	gebogen <i>curved</i>	gebogen <i>curved</i>
<b>Stahl/Steel</b>	<b>GF 0985</b>	<b>GF 0990</b>	<b>GF 1010</b>	<b>GF 1030</b>
Maullänge <i>jaw length</i>	18 mm	26 mm	38 mm	57 mm
Gesamtlänge <i>total length</i>	55 mm	65 mm	85 mm	105 mm

GLOVER

Anlegepinzette  
applying forcep

200 mm, 8" **GF 0645**

**SCHWARTZ**



	gerade straight	25°	45°
25 mm	<b>GF 0646</b>	<b>GF 0647</b>	<b>GF 0648</b>

**SCHWARTZ**

Gewicht / weight 0,5 g  
Schliesskraft / closing pressure 250 g

Anlegepinzette  
applying forcep

240 mm, 9 1/2" **KL 2070**

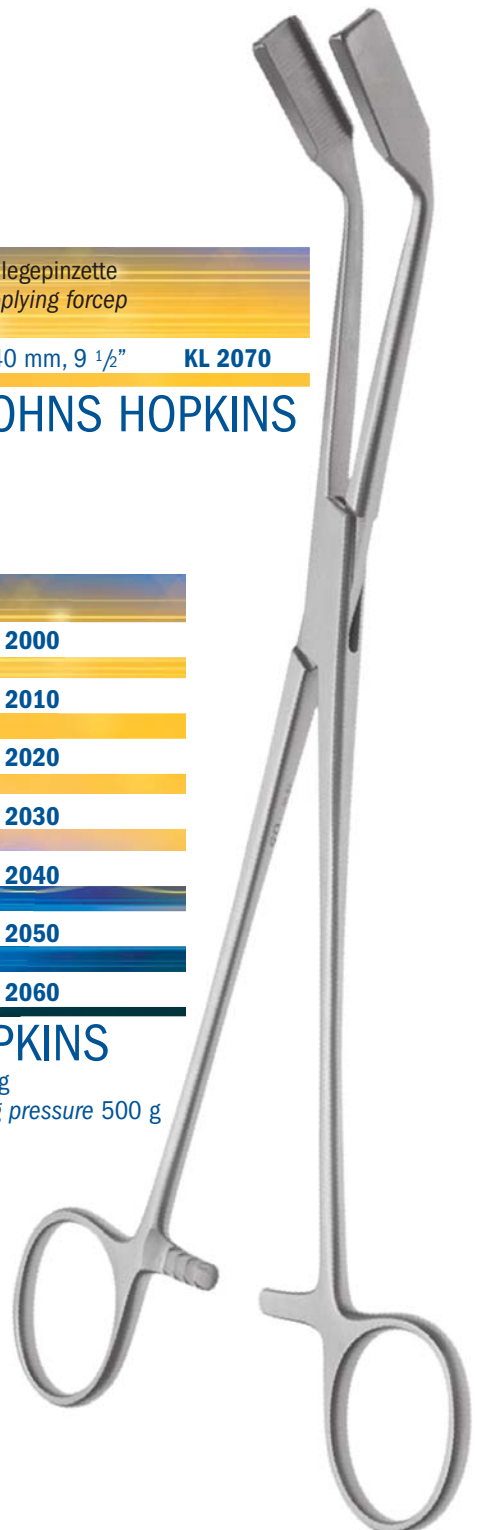
**JOHNS HOPKINS**



38 mm	<b>KL 2000</b>
51 mm	<b>KL 2010</b>
57 mm	<b>KL 2020</b>
63 mm	<b>KL 2030</b>
70 mm	<b>KL 2040</b>
80 mm	<b>KL 2050</b>
90 mm	<b>KL 2060</b>

**JOHNS HOPKINS**

Gewicht / weight 7,5 g  
Schliesskraft / closing pressure 500 g



# Bulldogklemmen, Anlegepinzetten

## Bulldog Clamps, Applying Forceps

CL

CLIP-APPLIKATOREN PASSEND ZU CLIPSE VON ETHICON,  
 RESTERILISIERBAR  
 LIGATUR CLIP-APPLICATORS FOR CLIPS OF ETHICON,  
 RSTERILIZATION

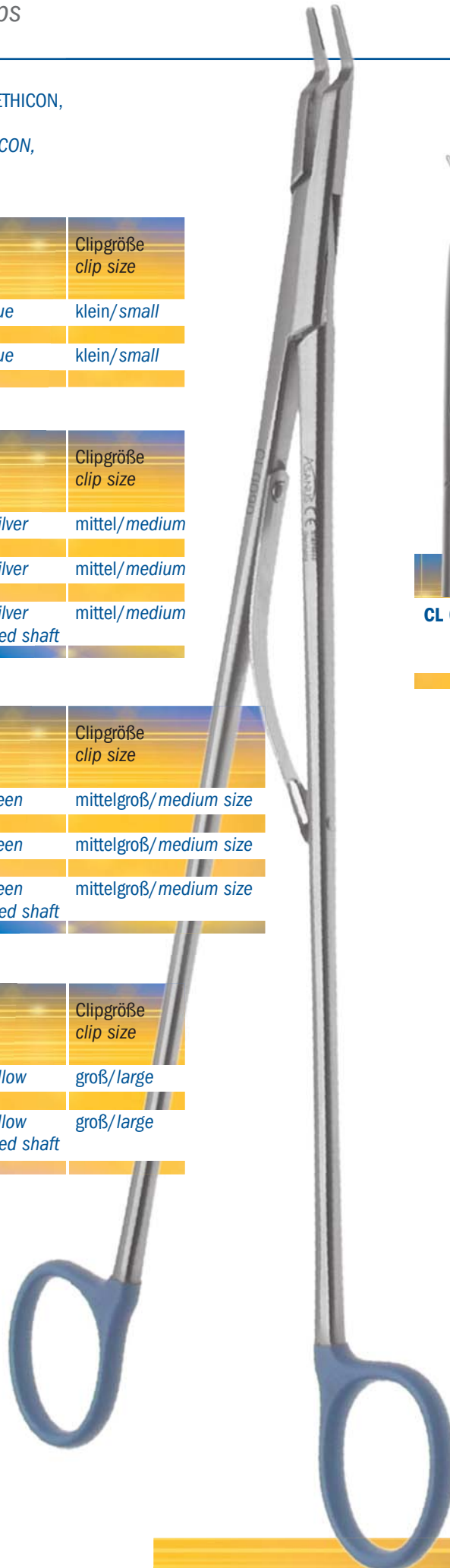
	Farbe color	Clipgröße clip size
185 mm, 7 1/4" <b>CL 0107</b>	blau/blue	klein/small
280 mm, 11" <b>CL 0090</b>	blau/blue	klein/small

	Farbe color	Clipgröße clip size
185 mm, 7 1/4" <b>CL 0207</b>	silber/silver	mittel/medium
280 mm, 11" <b>CL 0210</b>	silber/silver	mittel/medium
280 mm, 11" <b>CL 0220</b> mit 45° aufgewinkeltem Schaft/ with 45° angled shaft	silber/silver	mittel/medium

	Farbe color	Clipgröße clip size
185 mm, 7 1/4" <b>CL 0307</b>	grün/green	mittelgroß/medium size
280 mm, 11" <b>CL 0310</b>	grün/green	mittelgroß/medium size
280 mm, 11" <b>CL 0320</b> mit 45° aufgewinkeltem Schaft/ with 45° angled shaft	grün/green	mittelgroß/medium size

	Farbe color	Clipgröße clip size
185 mm, 7 1/4" <b>CL 0410</b>	gelb/yellow	groß/large
280 mm, 11" <b>CL 0420</b> mit 45° aufgewinkeltem Schaft/ with 45° angled shaft	gelb/yellow	groß/large

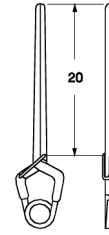
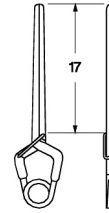
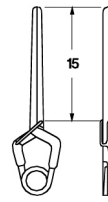
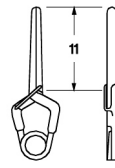
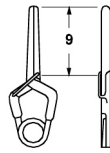
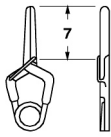
Bitte fragen Sie uns separat wegen Clipse an.  
 Please ask us separatly for clipse.



CL 0090

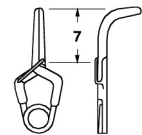
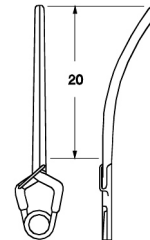
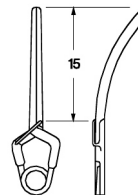
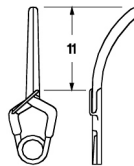
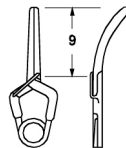
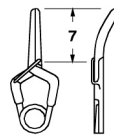
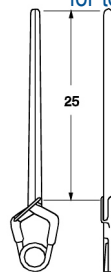
CL 0220

45° aufgewinkelt  
 45° angled



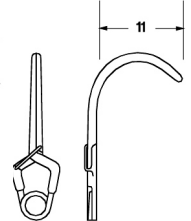
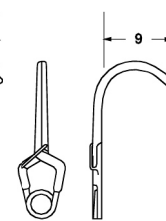
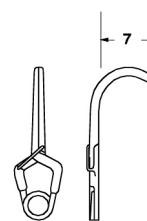
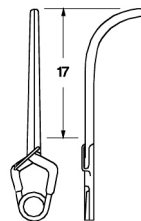
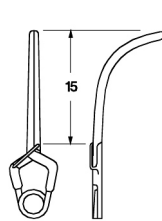
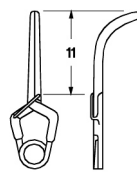
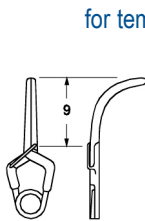
Titanium	YA 1125T	YA 1155T	YA 1180T	YA 1205T	YA 1230T	YA 1225T
Stahl/Steel	YA 1125	YA 1155	YA 1180	YA 1205	YA 1230	YA 1225
Öffnung max. opening	6,2 mm	7,0 mm	7,8 mm	9,2 mm	10,6 mm	11,4 mm
Druck Force	110 gms	90 gms	90 gms	90 gms	90 gms	110 gms

**STANDARD** für temporären Verschuß  
for temporary closure

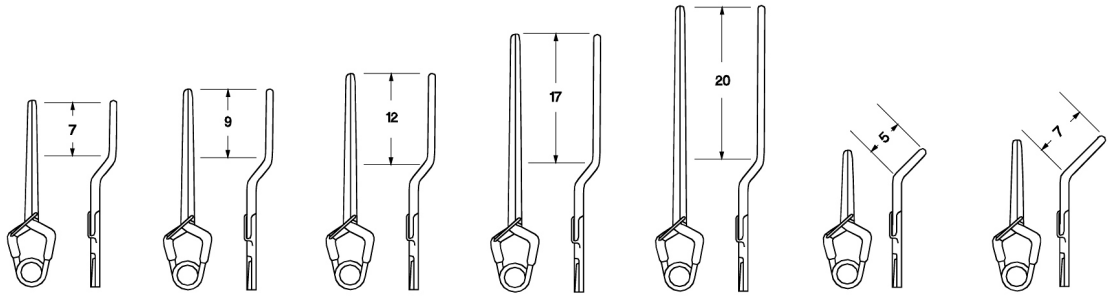


Titanium	YA 1226T	YA 1130T	YA 1160T	YA 1190T	YA 1210T	YA 1211T	YA 1135T
Stahl/Steel	YA 1226	YA 1130	YA 1160	YA 1190	YA 1210	YA 1211	YA 1135
Öffnung max. opening	13,3 mm	6,0 mm	6,8 mm	7,5 mm	8,7 mm	11,0 mm	5,5 mm
Druck Force	110 gms	110 gms	90 gms	110 gms	90 gms	90 gms	110 gms

**STANDARD** für temporären Verschuß  
for temporary closure

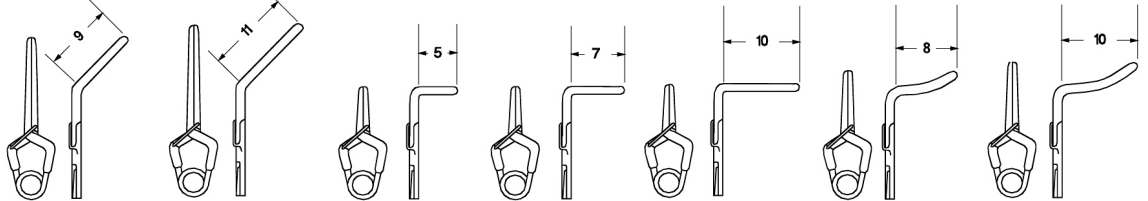


Titanium	YA 1165T	YA 1200T	YA 1215T	YA 1216T	YA 1275T	YA 1280T	YA 1185T
Stahl/Steel	YA 1165	YA 1200	YA 1215	YA 1216	YA 1275	YA 1280	YA 1185
Öffnung max. opening	6,1 mm	6,5 mm	7,4 mm	9,9 mm	5,4 mm	5,8 mm	6,2 mm
Druck Force	110 gms	110 gms	110 gms	90 gms	110 gms	110 gms	180 gms



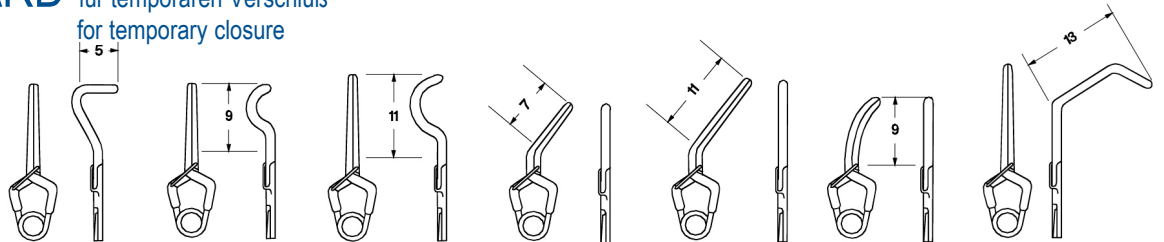
Titanium	YA 1150T	YA 1170T	YA 1175T	YA 1176T	YA 1177T	YA 1015T	YA 1020T
Stahl/Steel	YA 1150	YA 1170	YA 1175	YA 1176	YA 1177	YA 1015	YA 1020
Öffnung max.opening	7,9 mm	8,7 mm	10,2 mm	11,9 mm	13,07 mm	6,2 mm	6,5 mm
Druck Force	90 gms	90 gms	90 gms	90 gms	90 gms	110 gms	110 gms

**STANDARD** für temporären Verschluss  
for temporary closure



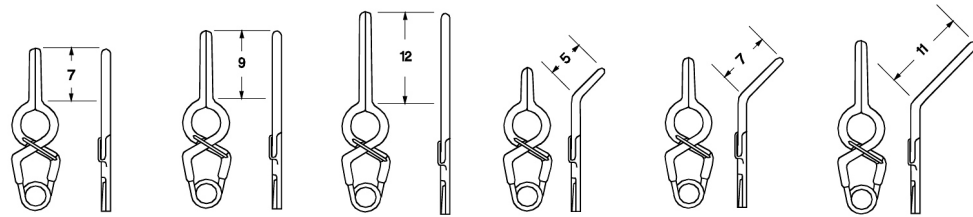
Titanium	YA 1025T	YA 1195T	YA 1260T	YA 1265T	YA 1270T	YA 1305T	YA 1310T
Stahl/Steel	YA 1025	YA 1195	YA 1260	YA 1265	YA 1270	YA 1305	YA 1310
Öffnung max.opening	7,8 mm	8,4 mm	5,6 mm	5,6 mm	5,6 mm	5,4 mm	5,6 mm
Druck Force	110 gms	110 gms	130 gms	130 gms	130 gms	130 gms	130 gms

**STANDARD** für temporären Verschluss  
for temporary closure



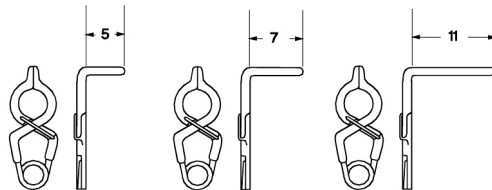
Titanium	YA 1290T	YA 1295T	YA 1300T	YA 1140T	YA 1185T	YA 1145T	YA 1148T
Stahl/Steel	YA 1290	YA 1295	YA 1300	YA 1140	YA 1185	YA 1145	YA 1148
Öffnung max.opening	7,2 mm	7,2 mm	8,2 mm	5,7 mm	8,0 mm	6,2 mm	7,5 mm
Druck Force	90 gms	90 gms	90 gms	90 gms	90 gms	90 gms	90 gms

**STANDARD** für temporären Verschluss  
for temporary closure



Titanium	YA 1016T	YA 1017T	YA 1018T	YA 1014T	YA 1019T	YA 1024T
Stahl/Steel	YA 1016	YA 1017	YA 1018	YA 1014	YA 1019	YA 1024
Öffnung max.opening	7,4 mm	8,4 mm	9,6 mm	5,8 mm	6,5 mm	7,2 mm
Druck Force	110 gms	110 gms	90 gms	110 gms	110 gms	110 gms

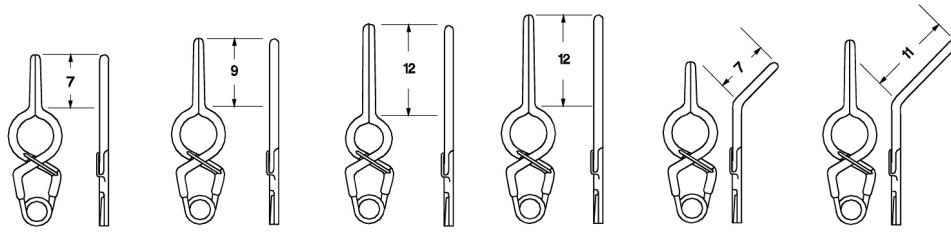
**STANDARD** für temporären Verschuß, gefenstert 3,5 mm  
for temporary closure, fenestrated 3,5 mm



Titanium	YA 1026T	YA 1027T	YA 1028T
Stahl/Steel	YA 1026	YA 1027	YA 1028
Öffnung max.opening	4,9 mm	4,9 mm	4,9 mm
Druck Force	110 gms	110 gms	110 gms

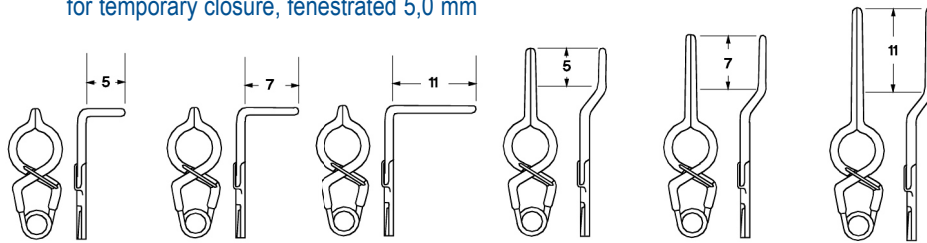
**STANDARD** für temporären Verschuß, gefenstert 3,5 mm  
for temporary closure, fenestrated 3,5 mm





Titanium Stahl/Steel	YA 0191T YA 0191	YA 0211T YA 0211	YA 1018T YA 1018	YA 0231T YA 0231	YA 0216T YA 0216	YA 0236T YA 0236
Öffnung max. opening	7,9 mm	9,1 mm	10,3 mm	6,5 mm	7,2 mm	7,8 mm
Druck Force	110 gms	110 gms	90 gms	110 gms	110 gms	110 gms

**STANDARD** für temporären Verschuß, gefenestert 5,0 mm  
for temporary closure, fenestrated 5,0 mm



Titanium Stahl/Steel	YA 0206T YA 0206	YA 0226T YA 0226	YA 0246T YA 0246	YA 0251T YA 0251	YA 0252T YA 0252	YA 0253T YA 0253
Öffnung max. opening	5,5 mm	5,5 mm	5,5 mm	7,9 mm	8,8 mm	10,0 mm
Druck Force	110 gms	110 gms	90 gms	90 gms	90 gms	90 gms

**STANDARD** für temporären Verschuß, gefenestert 5,0 mm  
for temporary closure, fenestrated 5,0 mm

MEMORYEFFECT findet seine natürliche Form wieder durch den Wasch- und Desinfektionsprozeß.  
MEMORY EFFECT returns to its natural form after washing and disinfection process via temperature.



Standard-Clipse  
bajonett, mit Sperre  
Standard clipse  
bajonett, with ratchet

170 mm, 6 3/4" YA 1350

210 mm, 8 1/2" YA 1355

230 mm, 9 1/2" YA 1360

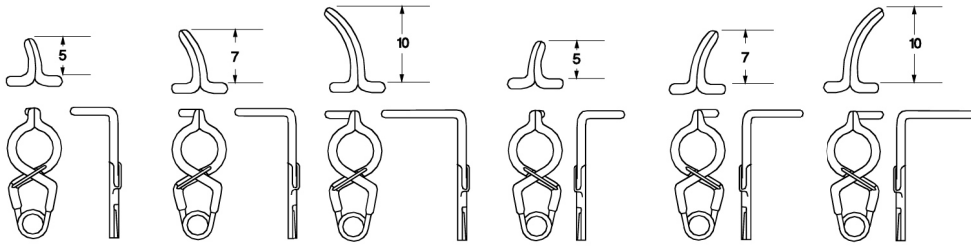
**YASARGIL**

Standard, flexibel  
Arbeitslänge 90 mm  
Standard, flexible  
working length 90 mm

240 mm, 9 1/2" YA 1367

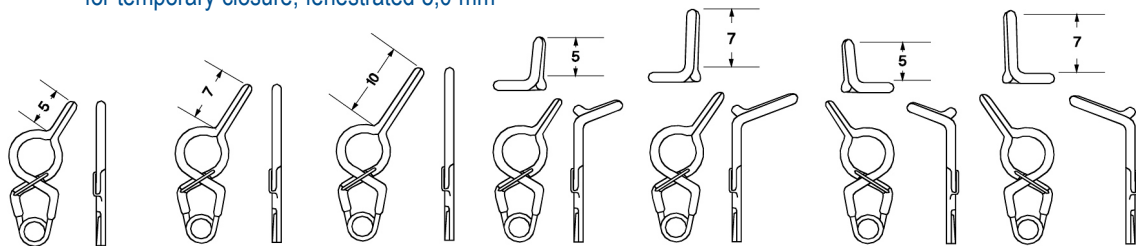
Nitinol Anlegezange  
Nitinol Applying forceps





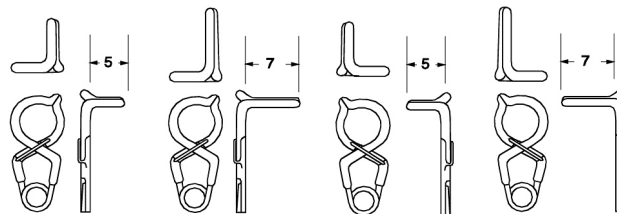
Titanium	YA 0536T	YA 0541T	YA 0546T	YA 0551T	YA 0556T	YA 0561T
Stahl/Steel	YA 0536	YA 0541	YA 0546	YA 0551	YA 0556	YA 0561
Öffnung max.opening	5,8 mm	5,8 mm	5,8 mm	5,85 mm	5,8 mm	5,8 mm
Druck Force	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms

**STANDARD** für temporären Verschuß, gefenestert 5,0 mm  
for temporary closure, fenestrated 5,0 mm



Titanium	YA 0706T	YA 0711T	YA 0716T	YA 0721T	YA 0726T	YA 0731T	YA 0736T
Stahl/Steel	YA 0706	YA 0711	YA 0716	YA 0721	YA 0726	YA 0731	YA 0736
Öffnung max.opening	7,0 mm	7,8 mm	8,8 mm	5,8 mm	6,2 mm	5,8 mm	6,2 mm
Druck Force	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms

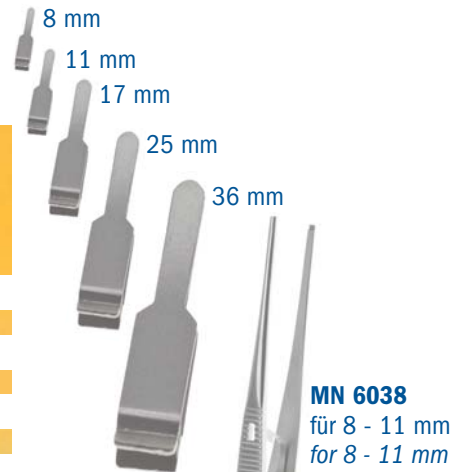
**STANDARD** für temporären Verschuß, gefenestert 5,0 mm  
for temporary closure, fenestrated 5,0 mm



Titanium	YA 0741T	YA 0746T	YA 0751T	YA 0756T
Stahl/Steel	YA 0741	YA 0746	YA 0751	YA 0756
Öffnung max.opening	5,6 mm	5,6 mm	5,6 mm	5,6 mm
Druck Force	110 gms	110 gms	110 gms	110 gms

**STANDARD** für temporären Verschuß, gefenestert 5,0 mm  
for temporary closure, fenestrated 5,0 mm

Einzelklemme Ø Gefäß Single clamp Ø vessel	Länge Clips length clips	Vene Vein	Vene Vein	Arterie Artery	Arterie Artery
Ø 0,4 - 1,0 mm	8 mm	<b>MN 6000</b>	<b>MN 6002</b>	<b>MN 6001</b>	<b>MN 6003</b>
Ø 0,6 - 1,5 mm	11 mm	<b>MN 6010</b>	<b>MN 6012</b>	<b>MN 6011</b>	<b>MN 6013</b>
Ø 1,0 - 2,25 mm	17 mm	<b>MN 6020</b>	<b>MN 6022</b>	<b>MN 6021</b>	<b>MN 6023</b>
Ø 1,5 - 3,5 mm	25 mm		<b>MN 6030</b>		<b>MN 6031</b>
Ø 2,0 - 5,0 mm	36 mm		<b>MN 6034</b>		<b>MN 6035</b>



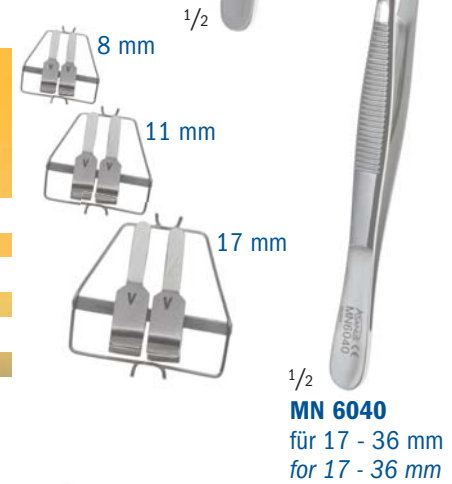
**Klemmenanlegepinzetten  
 Clamp applying forceps**

140 mm, 5 1/2" **MN 6038**

145 mm, 5 3/4" **MN 6040**

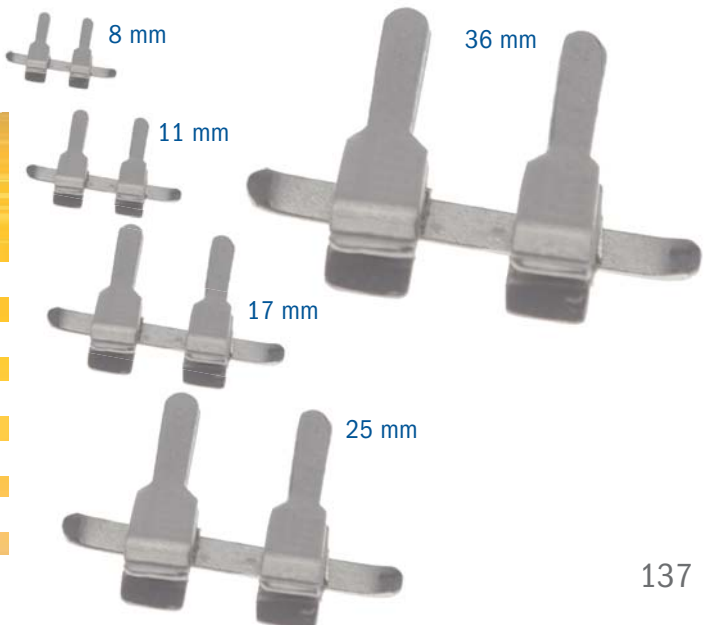
**ACLAND**

Approximator Ø Gefäß Approximator Ø vessel	Länge Clips length clips	Vene Vein	Vene Vein	Arterie Artery	Arterie Artery
Ø 0,4 - 1,0 mm	8 mm	<b>MN 6004</b>	<b>MN 6006</b>	<b>MN 6005</b>	<b>MN 6007</b>
Ø 0,6 - 1,5 mm	11 mm	<b>MN 6014</b>	<b>MN 6016</b>	<b>MN 6015</b>	<b>MN 6017</b>
Ø 1,0 - 2,25 mm	17 mm	<b>MN 6024</b>	<b>MN 6026</b>	<b>MN 6025</b>	<b>MN 6027</b>



**ACLAND**

Doppelklemme Ø Gefäß Double clamp Ø vessel	Länge Clips length clips	Vene Vein	Arterie Artery
Ø 0,4 - 1,0 mm	8 mm	<b>MN 6008</b>	<b>MN 6009</b>
Ø 0,6 - 1,5 mm	11 mm	<b>MN 6018</b>	<b>MN 6019</b>
Ø 1,0 - 2,25 mm	17 mm	<b>MN 6028</b>	<b>MN 6029</b>
Ø 1,5 - 3,5 mm	25 mm	<b>MN 6032</b>	<b>MN 6033</b>
Ø 2,0 - 5,0 mm	36 mm	<b>MN 6036</b>	<b>MN 6035</b>



**ACLAND**

38 mm, 1 1/2"	<b>MN 2500</b>	<b>MN 2525</b>	<b>MN 2505</b>	<b>MN 2530</b>	<b>MN 2510</b>	<b>MN 2535</b>
	<i>gerade straight</i>		<i>gebogen curved</i>		<i>Spitze gebogen tips curved</i>	
Schliessdruck Closing force	50 g	80 g	50 g	80 g	50 g	80 g

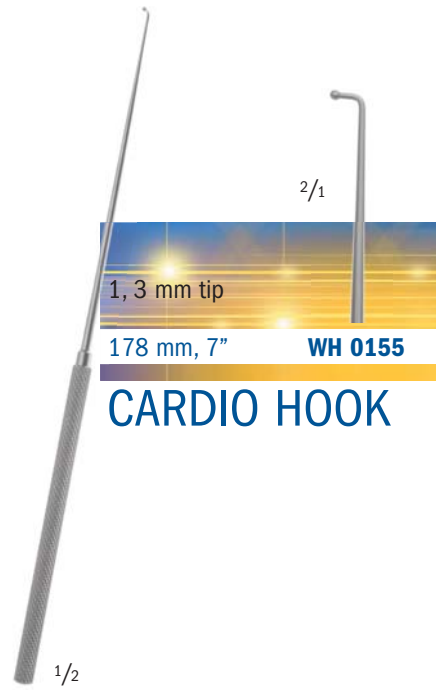
**MÜLLER**

38 mm, 1 1/2"	<b>MN 2515</b>	<b>MN 2540</b>	<b>MN 2520</b>	<b>MN 2545</b>
	<i>abgewinkelt angled</i>		<i>knie gebogen knee bent</i>	
Schliessdruck Closing force	50 g	80 g	50 g	80 g

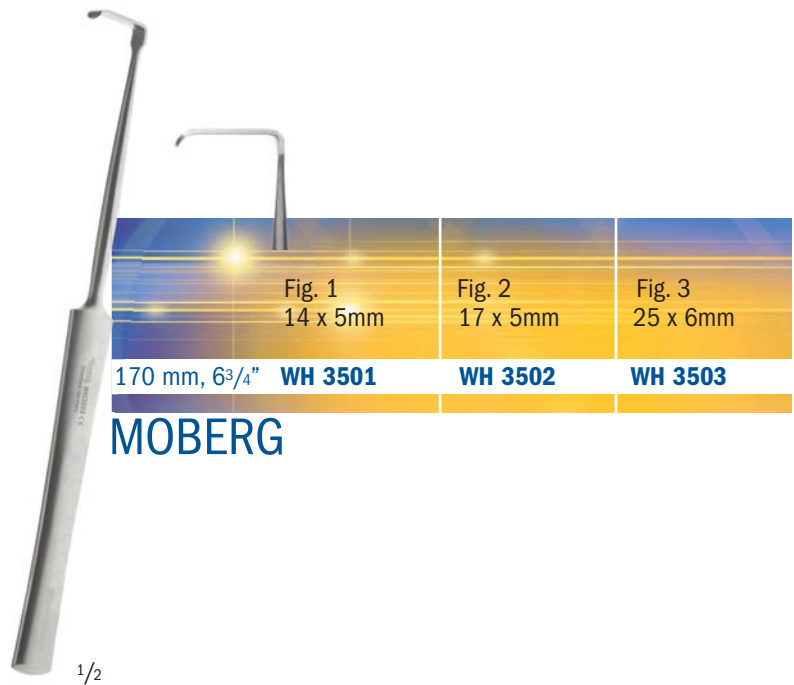
**MÜLLER**


<b>Approximatoren Approximators</b>	<b>MN 2391</b>	<b>MN 2392</b>	<b>MN 2393</b>	<b>MN 2394</b>
Ø	1,0 mm	2,0 mm	3,0 mm	4,0 mm
Schliessdruck Closing force	25 -30 g	25 -30 g	25 -30 g	25 -30 g

**MÜLLER**



**CARDIO HOOK**  
 für Faden knüpfen  
 for suture





**feine Hauthäkchen**  
*fine skin Hooks*

140 mm, 5 1/2", Fig. 1	8 mm	<b>AU 0360</b>
140 mm, 5 1/2", Fig. 2	10 mm	<b>AU 0361</b>
140 mm, 5 1/2", Fig. 3	12 mm	<b>AU 0370</b>
140 mm, 5 1/2", Fig. 4	14 mm	<b>AU 0380</b>
140 mm, 5 1/2", Fig. 5	16 mm	<b>AU 0390</b>
140 mm, 5 1/2", Fig. 6	18 mm	<b>AU 0400</b>

**DESMARRES**



**feine Hauthäkchen, GRIP HANDLE**  
*fine skin Hooks, GRIP HANDLE*

160 mm, 6 1/4", Fig. 1	8 mm	<b>AU 0359</b>
160 mm, 6 1/4", Fig. 2	10 mm	<b>AU 0362</b>
160 mm, 6 1/4", Fig. 3	12 mm	<b>AU 0371</b>
160 mm, 6 1/4", Fig. 4	14 mm	<b>AU 0381</b>
160 mm, 6 1/4", Fig. 5	16 mm	<b>AU 0391</b>
160 mm, 6 1/4", Fig. 6	18 mm	<b>AU 0401</b>

**DESMARRES**




Fig. 1 13 x 13mm	Fig. 2 13 x 16mm
180 mm, 7" <b>WH 0820</b>	<b>WH 0830</b>

**KÖNIG**




<b>GRIP HANDLE</b> Fig. 1 <b>GRIP HANDLE</b> 15 x 6mm	Fig. 2 20 x 5mm	Fig. 3 25 x 6mm	Fig. 4 30 x 8mm
160 mm, 6 1/4" <b>WH 3651</b>	<b>WH 3661</b>	<b>WH 3671</b>	<b>WH 3681</b>

**MINI-LANGENBECK**




1/2

<b>scharf</b> <b>sharp</b>	Fig. 1 1-zahnig 1-prongs	Fig. 2 2-zahnig 2-prongs	Fig. 3 3-zahnig 3-prongs	Fig. 4 4-zahnig 4-prongs
	160 mm, 6 <sup>1</sup> / <sub>4</sub> "	<b>WH 0470</b>	<b>WH 0480</b>	<b>WH 0490</b>



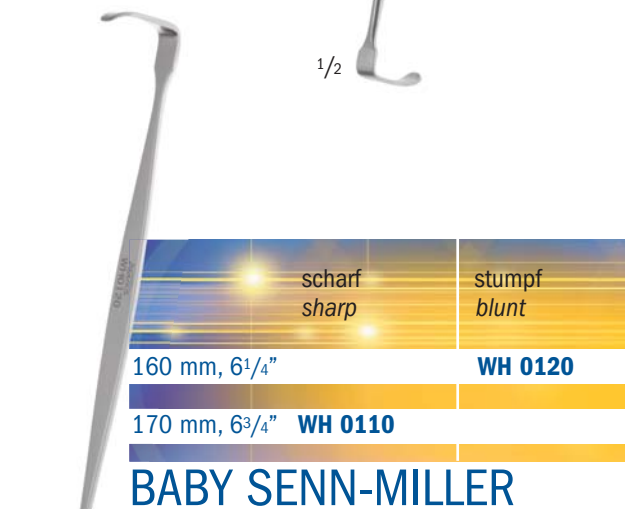
1/2

<b>stumpf</b> <b>blunt</b>	Fig. 1 1-zahnig 1-prongs	Fig. 2 2-zahnig 2-prongs	Fig. 3 3-zahnig 3-prongs	Fig. 4 4-zahnig 4-prongs
	160 mm, 6 <sup>1</sup> / <sub>4</sub> "	<b>WH 0510</b>	<b>WH 0520</b>	<b>WH 0530</b>



1/2

<b>flexibel</b> <b>flexible</b>	Fig. 1 1-zahnig 1-prongs	Fig. 2 2-zahnig 2-prongs	Fig. 3 3-zahnig 3-prongs	Fig. 4 4-zahnig 4-prongs
	scharf / sharp 160 mm, 6 <sup>1</sup> / <sub>4</sub> "	<b>WH 0629</b>	<b>WH 0630</b>	<b>WH 0640</b>
<b>stumpf / blunt</b>	Fig. 1 1-zahnig 1-prongs	Fig. 2 2-zahnig 2-prongs	Fig. 3 3-zahnig 3-prongs	Fig. 4 4-zahnig 4-prongs
	160 mm, 6 <sup>1</sup> / <sub>4</sub> "	<b>WH 0658</b>	<b>WH 0660</b>	<b>WH 0670</b>





biegsam  
**malleable**



		Länge, length 200mm, 8"	
Breite, width	4 mm		<b>WH 0887</b>
	6 mm		<b>WH 0888</b>
	8 mm	<b>WH 0871</b>	<b>WH 0881</b>
	11 mm	<b>WH 0872</b>	<b>WH 0882</b>
	15 mm	<b>WH 0873</b>	<b>WH 0883</b>
	17 mm	<b>WH 0874</b>	<b>WH 0884</b>
	20 mm	<b>WH 0875</b>	<b>WH 0885</b>
	23 mm	<b>WH 0876</b>	<b>WH 0886</b>

**MARBERGER**

1/2



gefenestert und abgebogen  
*fenestrated and curved*

200 mm, 8" **WH 0138**

**CUSHING**

1/2



		Länge, length 200mm, 8"	
			240mm, 9 1/2"
Fig. 1	8 mm	<b>WH 0847</b>	<b>WH 0852</b>
Fig. 2	10 mm	<b>WH 0848</b>	<b>WH 0853</b>
Fig. 3	12 mm	<b>WH 0849</b>	<b>WH 0854</b>
Fig. 4	14 mm	<b>WH 0850</b>	<b>WH 0855</b>
Fig. 5	16 mm	<b>WH 0851</b>	<b>WH 0856</b>
Fig. 6	18 mm	<b>WH 0858</b>	<b>WH 0857</b>

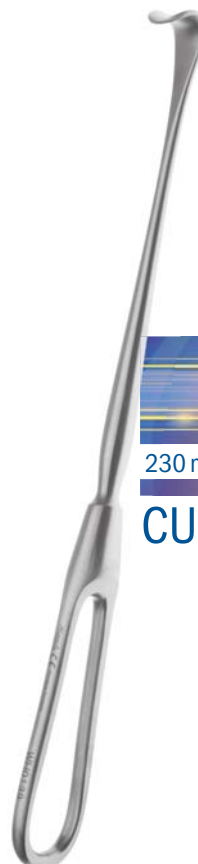
**CUSHING**

1/2

230 mm, 9" **WH 0139**

**CUSHING**

1/2



**CUSHING**

	Fig. 1 14 x 11mm	Fig. 2 18 x 13mm	Fig. 3 22 x 15mm
	250 mm, 10" <b>WH 0950</b>	<b>WH 0960</b>	<b>WH 0970</b>

15 x 6 mm stumpf blunt	gezahnt toothed
190 mm, 7 1/2" <b>WH 0800</b>	<b>WH 0810</b>

**STRANDELL-STILLE**

	Fig. 1 9 x 8mm scharf sharp 2-zahnig 2-prongs	Fig. 2 9 x 13mm 3-zahnig 3-prongs	Fig. 3 9 x 19mm 4-zahnig 4-prongs	Fig. 4 9 x 29mm 6-zahnig 6-prongs	Fig. 5 9 x 40mm 8-zahnig 8-prongs
	220 mm, 8 3/4" <b>WH 1130</b>	<b>WH 1140</b>	<b>WH 1150</b>	<b>WH 1160</b>	<b>WH 1170</b>

	Fig. 1 9 x 8mm stumpf blunt 2-zahnig 2-prongs	Fig. 2 9 x 13mm 3-zahnig 3-prongs	Fig. 3 9 x 19mm 4-zahnig 4-prongs	Fig. 4 9 x 29mm 6-zahnig 6-prongs	Fig. 5 9 x 40mm 8-zahnig 8-prongs
	220 mm, 8 3/4" <b>WH 1180</b>	<b>WH 1190</b>	<b>WH 1200</b>	<b>WH 1210</b>	<b>WH 1221</b>

	Fig. 1 9 x 8mm halbscharf semi sharp 2-zahnig 2-prongs	Fig. 2 9 x 13mm 3-zahnig 3-prongs	Fig. 3 9 x 19mm 4-zahnig 4-prongs	Fig. 4 9 x 29mm 6-zahnig 6-prongs	Fig. 5 9 x 40mm 8-zahnig 8-prongs
	220 mm, 8 3/4" <b>WH 1220</b>	<b>WH 1240</b>	<b>WH 1250</b>	<b>WH 1260</b>	<b>WH 1300</b>

**VOLKMANN**

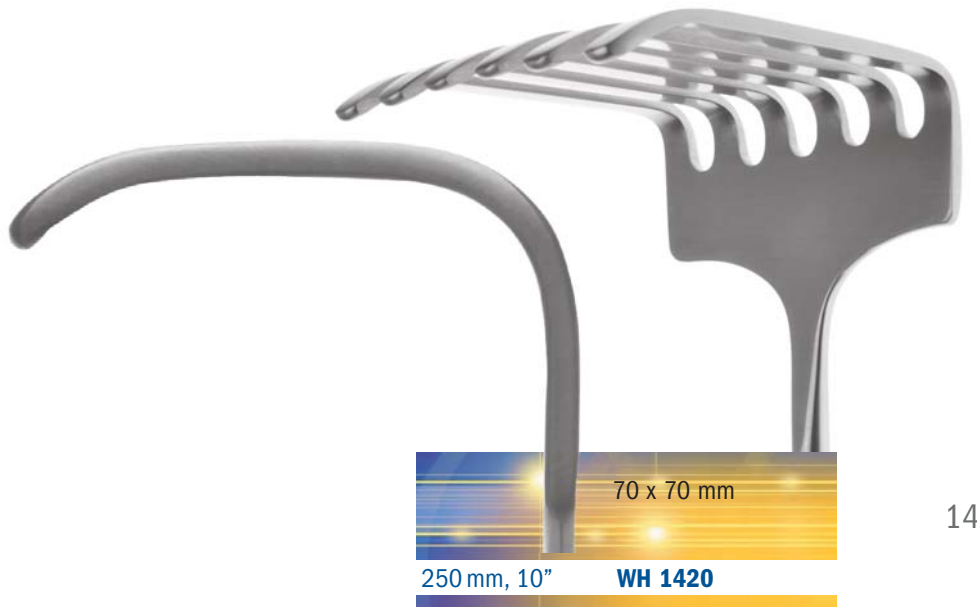


stumpf  
blunt  
250 mm, 10" **WH 1390 - WH 1420**

**ISRAEL**

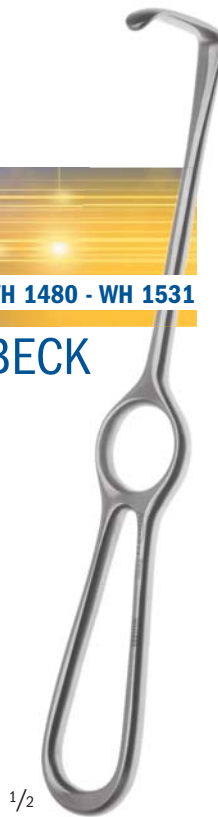


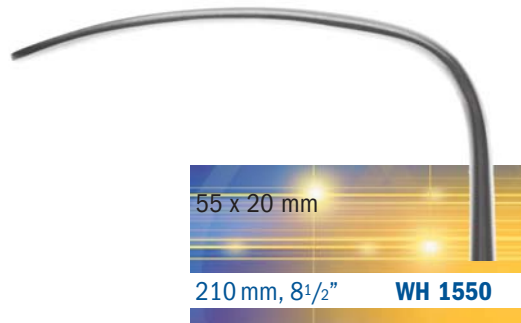
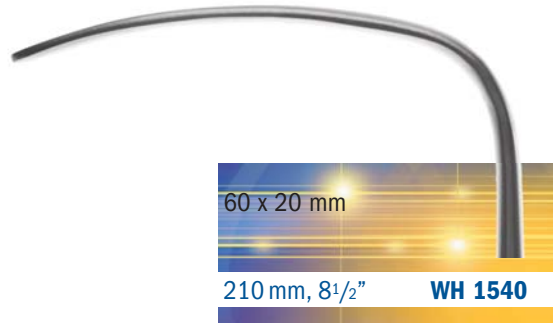
1/2





**LANGENBECK**





1/2



215 mm, 8<sup>1</sup>/<sub>2</sub>" **WH 1650 - WH 1680**

**KOCHER-  
LANGENBECK**

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



25 x 6 mm

215 mm, 8<sup>1</sup>/<sub>2</sub>" **WH 1650**



25 x 8 mm

215 mm, 8<sup>1</sup>/<sub>2</sub>" **WH 1651**



35 x 8 mm

215 mm, 8<sup>1</sup>/<sub>2</sub>" **WH 1660**



35 x 11 mm

215 mm, 8<sup>1</sup>/<sub>2</sub>" **WH 1670**



35 x 15 mm

215 mm, 8<sup>1</sup>/<sub>2</sub>" **WH 1680**



1/2

## KOCHER- LANGENBECK

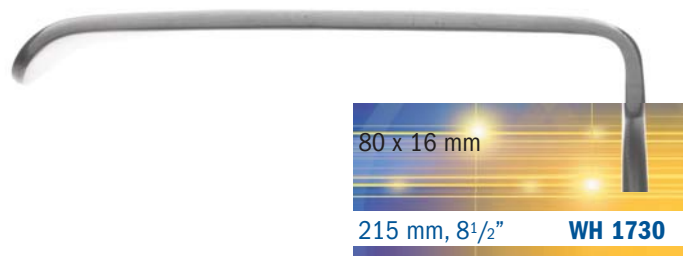
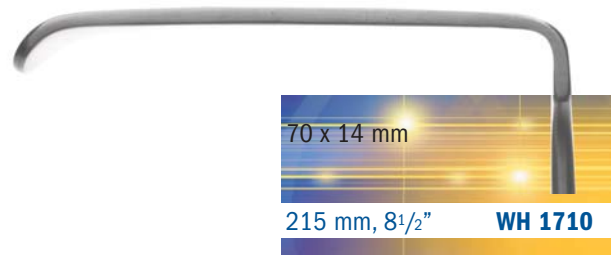
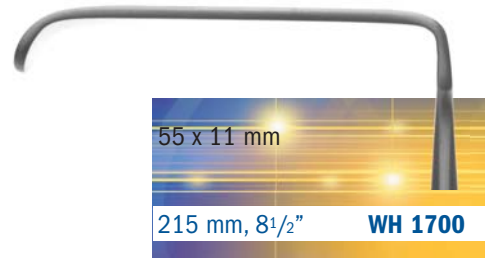
45 x 20 mm **WH 1691**

40 x 15 mm **WH 1692**

40 x 25 mm **WH 1693**

45 x 25 mm **WH 1694**

50 x 30 mm **WH 1695**





230mm, 9 1/2" WH 1740 - WH 1780

**KOCHER**

1/2



40 x 18 mm **WH 1740**



60 x 20 mm **WH 1750**



60 x 25 mm **WH 1760**

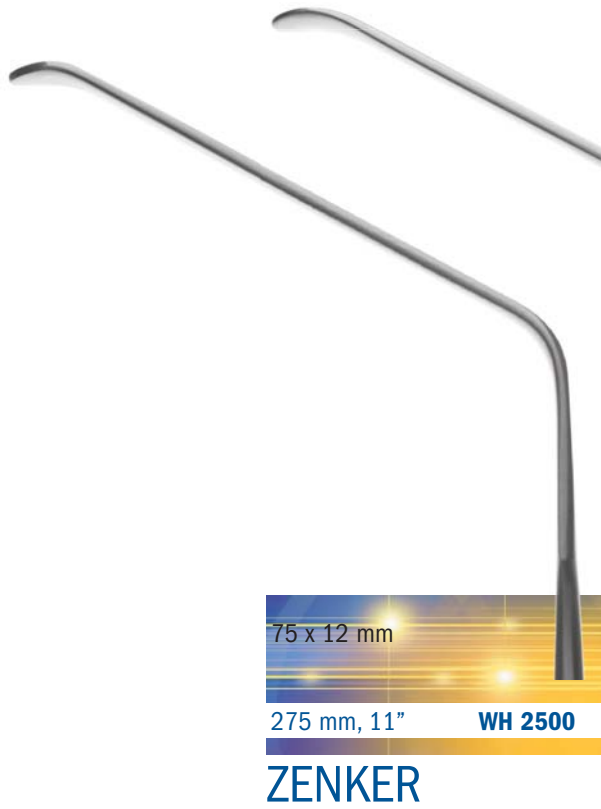


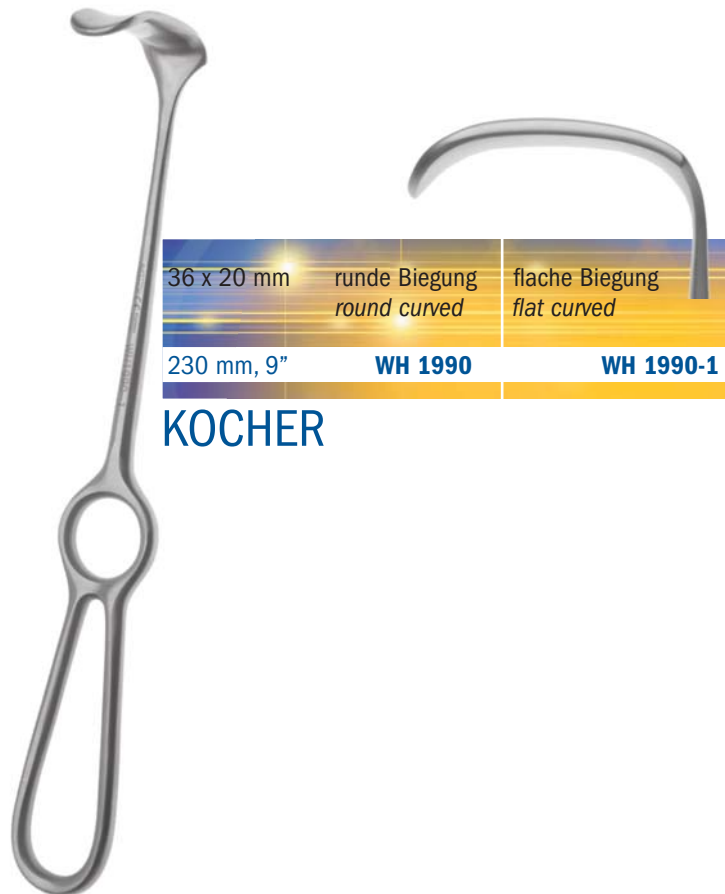
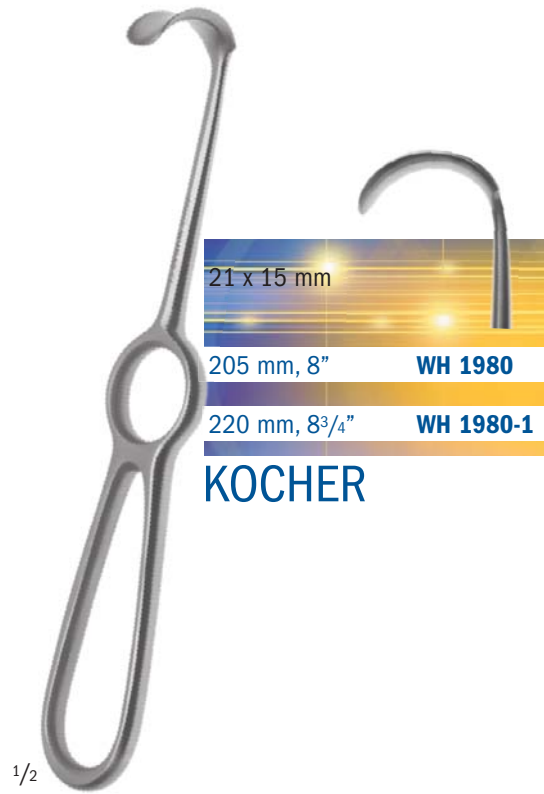
75 x 30 mm **WH 1770**

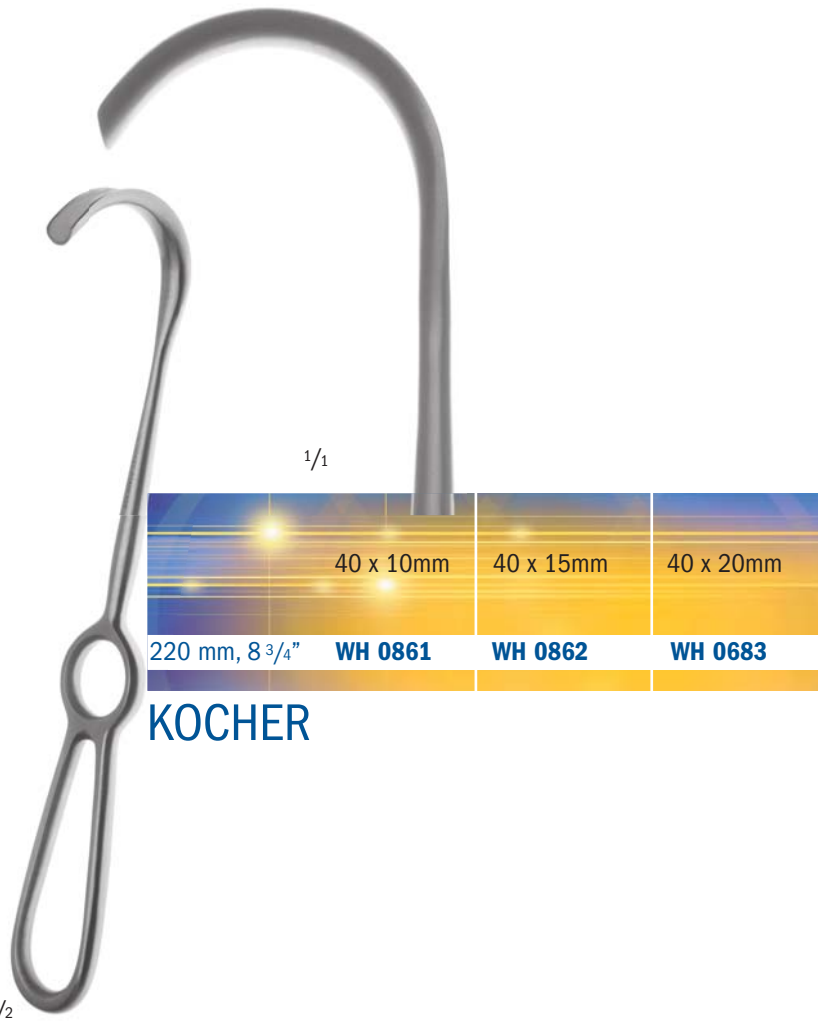
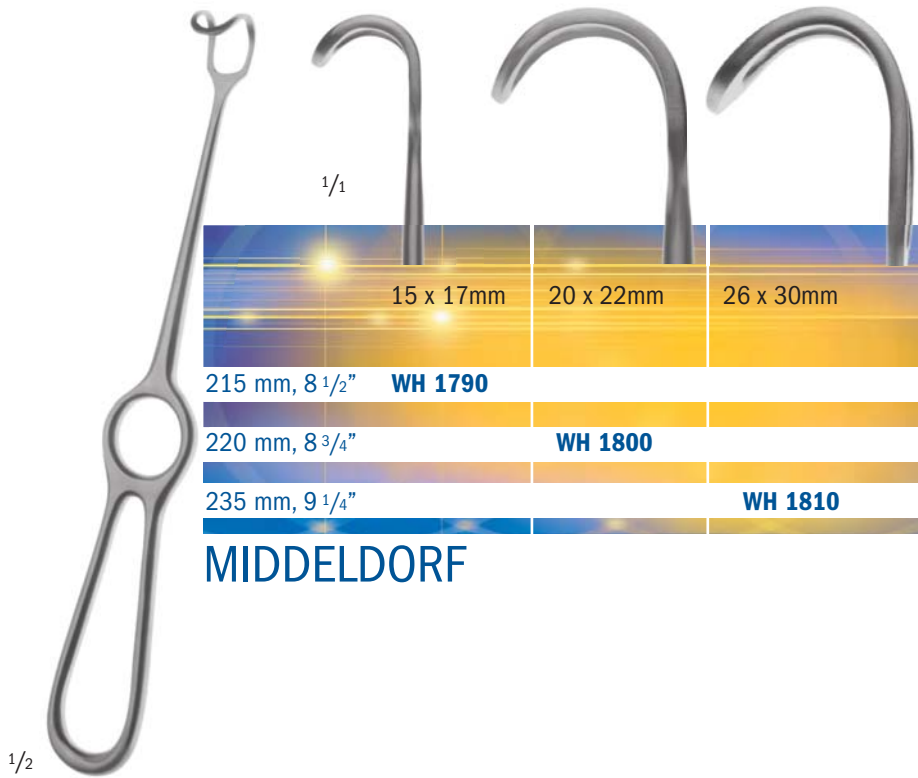


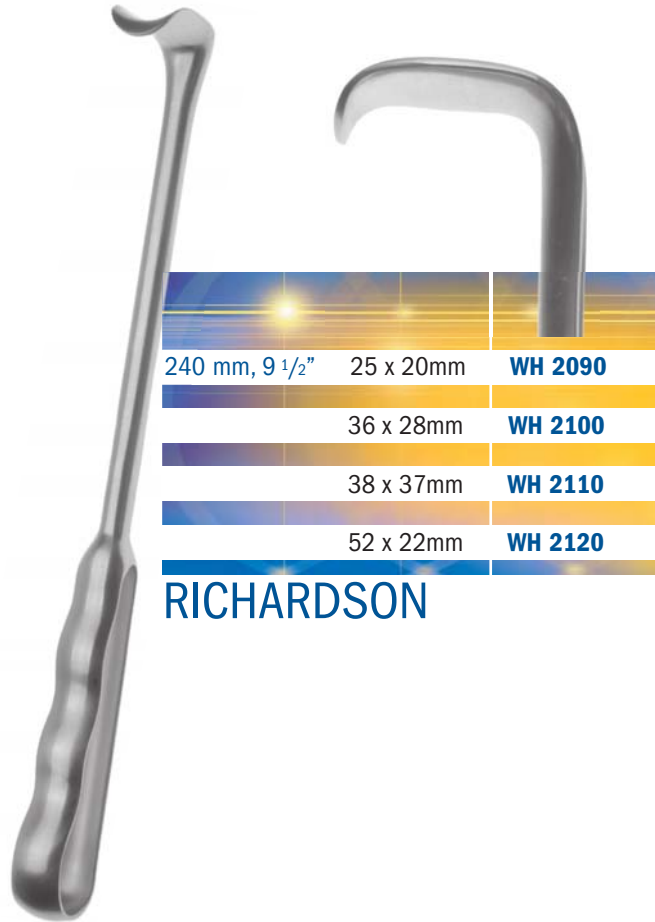
75 x 40 mm **WH 1780**











**RICHARDSON**



**KOCHER**



**KOCHER**



1/1

WH 2400  
Fig. 1  
127 x 40 mm



1/1

WH 2410  
Fig. 2  
127 x 62 mm



flexibel  
flexible

320 mm, 12 1/2" 127 x 40 mm **WH 2400**

127 x 62 mm **WH 2410**

**HARRINGTON**

1/2

Fig. 1  
25 mm

300 mm, 12" **WH 2540**

**DEAVER**

1/2

Fig. 2  
25 mm

315 mm, 12<sup>3</sup>/<sub>8</sub>" **WH 2550**

**DEAVER**

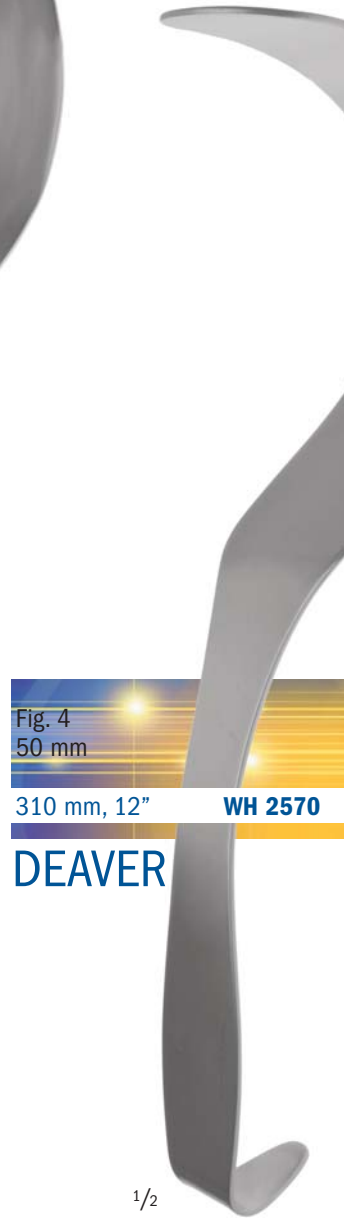
1/2

Fig. 2<sup>1</sup>/<sub>2</sub>  
25 mm

365 mm, 14" **WH 2590**

**DEAVER**

1/2



Breite  
width 40 mm  
255 mm, 10" **WH 2440**

**ALLISON**



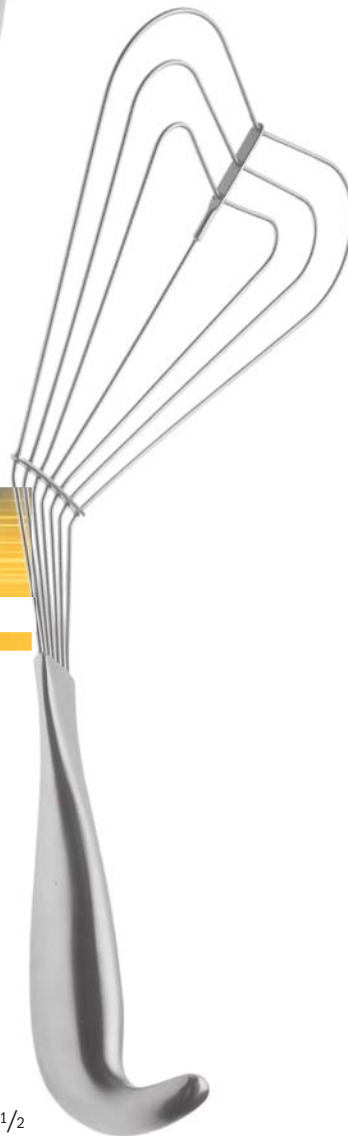
Breite  
width 54 mm  
310 mm, 12" **WH 2450**

**ALLISON**



Breite  
width 130 mm  
300 mm, 12" **WH 2460**

**ORGANSPATEL  
CHEST SPATULA**



Breite  
width 89 x 83 mm  
195 mm, 7<sup>3</sup>/<sub>4</sub>" **WH 2390**

**DAVIDSON  
SCAPULA-HAKEN  
SCAPULA RETRACTOR**





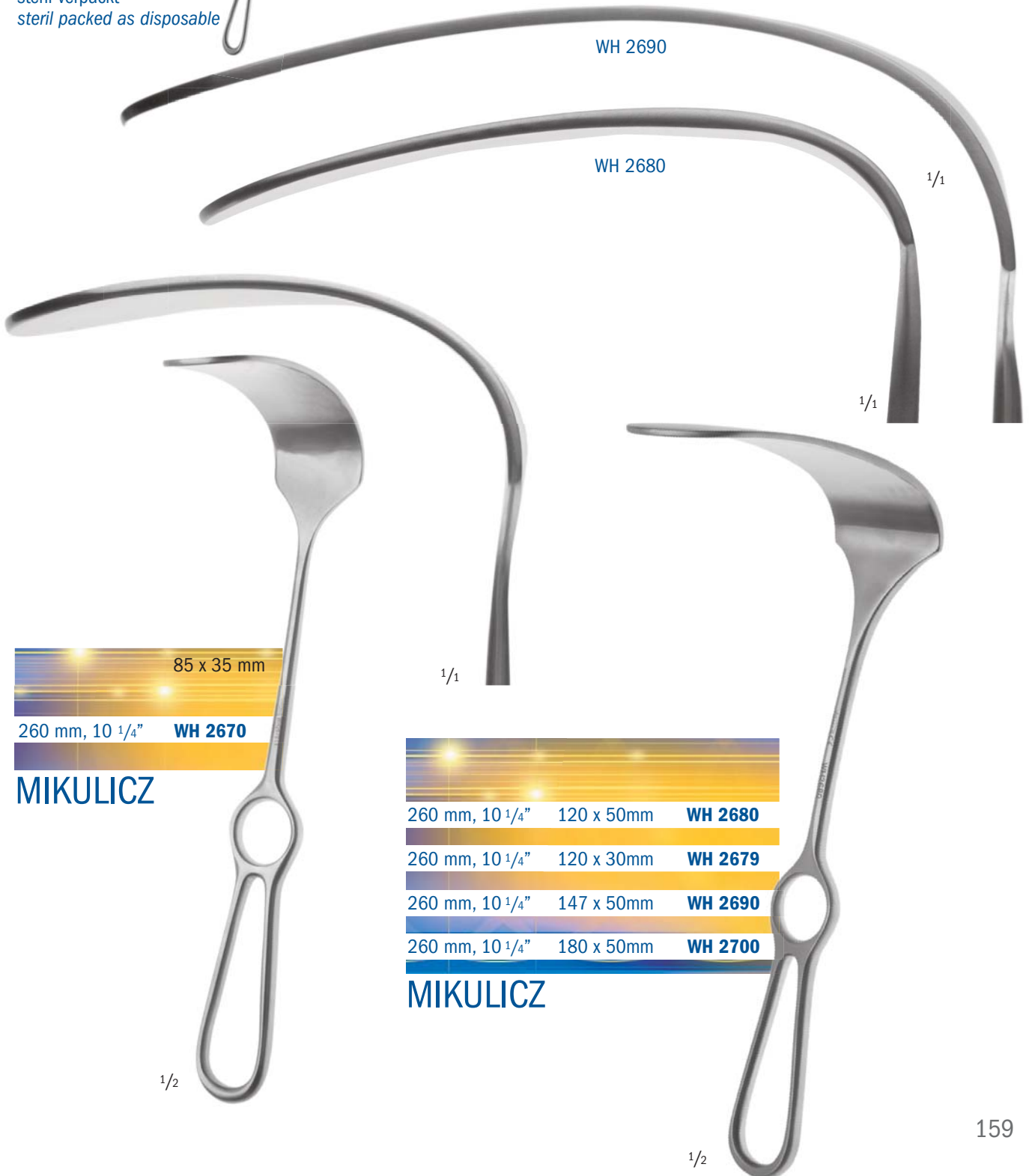
Wundhakenbezüge  
 Wound retractor cover

HBS 0040 - HBS 0400

**SOFT COVER**

steril verpackt  
 steril packed as disposable

Details siehe Seite BL 160  
 details see page BL 160



WH 2690

WH 2680

1/1

1/1

1/1

85 x 35 mm

260 mm, 10 1/4" **WH 2670**

**MIKULICZ**

260 mm, 10 1/4"	120 x 50mm	<b>WH 2680</b>
260 mm, 10 1/4"	120 x 30mm	<b>WH 2679</b>
260 mm, 10 1/4"	147 x 50mm	<b>WH 2690</b>
260 mm, 10 1/4"	180 x 50mm	<b>WH 2700</b>

**MIKULICZ**

1/2

1/2

WH 2720  
150 x 57 mm

WH 2710  
150 x 38 mm

WH 2721  
190 x 57 mm

WH 2722  
190 x 38 mm

1/2

1/1

WH 2711  
130 x 38 mm

1/1

**Wundhakenbezüge**  
**Wound retractor cover**

180 x 25 mm **HBS 0100**

200 x 19 mm **HBS 0040**

250 x 14 mm **HBS 0060**

255 x 25 mm **HBS 0065**

205 x 45 mm **HBS 0150**

235 x 50 mm **HBS 0200**

310 x 35 mm **HBS 0210**

305 x 40 mm **HBS 0300**

305 x 50 mm **HBS 0350**

330 x 50 mm **HBS 0400**

**SOFT COVER**

Gebrauchsmusterschutz  
steril verpackt  
*legal protection of registered designs*  
*steril packed as disposable*

270 mm, 10 1/2"	150 x 57mm	<b>WH 2720</b>
270 mm, 10 1/2"	150 x 38mm	<b>WH 2710</b>
270 mm, 10 1/2"	130 x 38mm	<b>WH 2711</b>
270 mm, 10 1/2"	190 x 57mm	<b>WH 2721</b>
270 mm, 10 1/2"	190 x 38mm	<b>WH 2722</b>

**KELLY**

1/2

18 x 21 mm

**doppelt**  
**double**

130 mm, 5 1/8" **WH 0170**

## BABY-ROUX

15 x 15 mm  
1/2



**einzel**  
**alone**

24 x 20 mm, 30 x 28 mm **WH 0250**

27 x 26 mm, 37 x 32 mm **WH 0260**

35 x 29 mm, 38 x 43 mm **WH 0270**

**Satz**  
**Set**

165 mm, 6 1/2" **WH 0240**

## ROUX

**einzel**  
**alone**

21 x 24 mm, 40 x 15 mm **WH 0321**

25 x 24 mm, 45 x 15 mm **WH 0322**

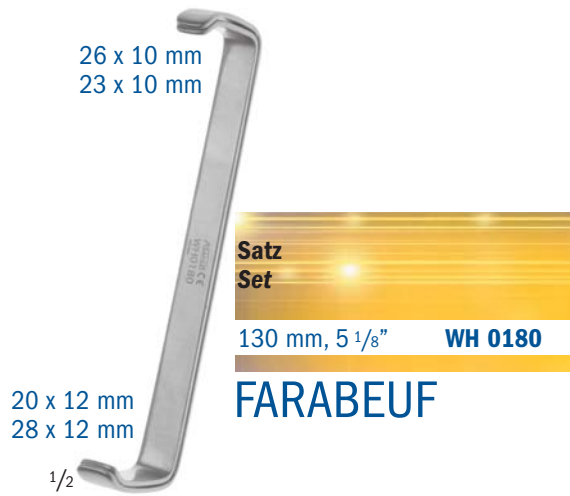
**Satz**  
**Set**

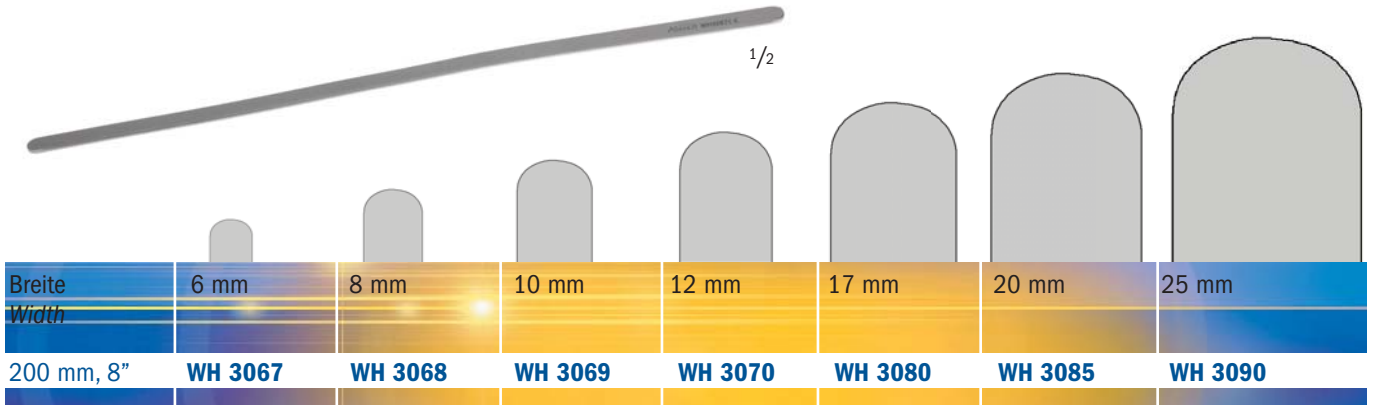
210 mm, 8 1/4" **WH 0320**

## PARKER-LANGENBECK "US ARMY"

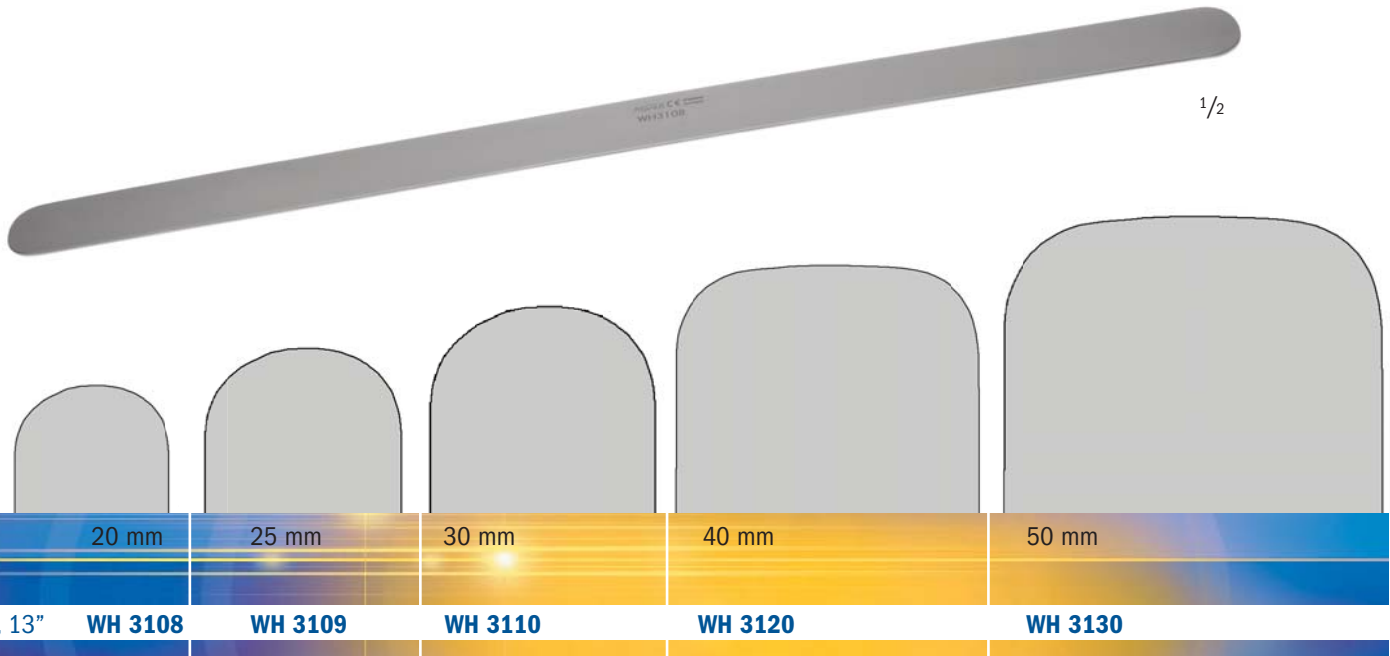
1/2







**MATHIEU**  
BIEGSAM / MALLEABLE



BIEGSAM / MALLEABLE

1/2

4 x 4 Zähne 4 x 4 teeth	scharf sharp	stumpf blunt
70 mm, 2 3/4"	<b>WH 5071</b>	<b>WH 5070</b>
100 mm, 4"	<b>WH 5081</b>	<b>WH 5080</b>

3 x 4 Zähne 3 x 4 teeth	scharf sharp	stumpf blunt
70 mm, 2 3/4"	<b>WH 5010</b>	<b>WH 5020</b>

**FINSEN**

1/2

1/2

**ALM**



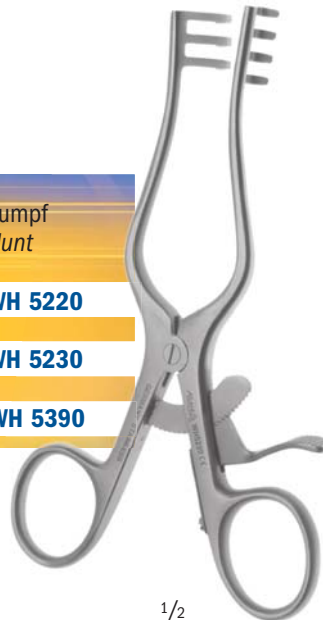
1/2

2 x 3 Zähne Spreizweite 35 mm 2 x 3 teeth wide 35 mm	scharf sharp	stumpf blunt	halbscharf semi sharp
110 mm, 4 1/2"	<b>WH 5180</b>	<b>WH 5210</b>	<b>WH 5150</b>

**WEITLANER**

3 x 4 Zähne 3 x 4 teeth	scharf sharp	halbscharf semi sharp	stumpf blunt
135 mm, 5 1/2"	<b>WH 5190</b>	<b>WH 5160</b>	<b>WH 5220</b>
165 mm, 6 1/2"	<b>WH 5200</b>	<b>WH 5170</b>	<b>WH 5230</b>
200 mm, 8"	<b>WH 5380</b>		<b>WH 5390</b>

**WEITLANER**



1/2



1/2

4 x 4 Zähne	gerade scharf straight	gerade scharf straight	abgewinkelt halbscharf angled
4 x 4 teeth	sharp	sharp	semi sharp
190 mm, 7 1/2"	<b>WH 5255</b>		<b>WH 5359</b>
265 mm, 10 1/2"	<b>WH 5372</b>		

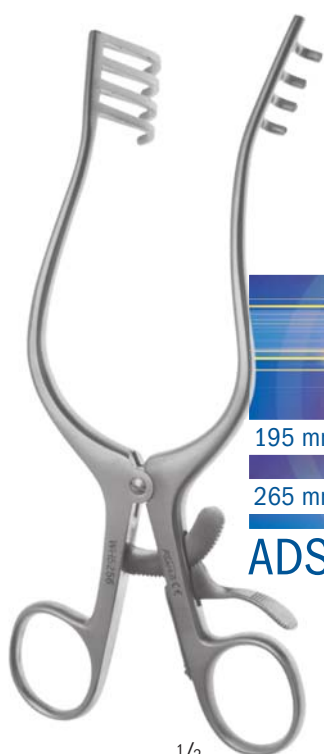
### ADSON

mit Gelenk <i>rotatable possibility</i>	scharf sharp	stumpf blunt
140 mm, 5 1/2"	<b>WH 5281</b>	<b>WH 5280</b>
160 mm, 6 1/4"	<b>WH 5285</b>	<b>WH 5286</b>
200 mm, 8"	<b>WH 5287</b>	<b>WH 5288</b>

### ADSON (BABY) CONE



1/2



1/2

	scharf 4 x 4 Zähne sharp	stumpf blunt	scharf 6 x 6 Zähne sharp	stumpf blunt
	4 x 4 teeth		6 x 6 teeth	
195 mm, 8"	<b>WH 5255</b>	<b>WH 5256</b>		
265 mm, 10 1/2"			<b>WH 5385</b>	<b>WH 5386</b>

### ADSON

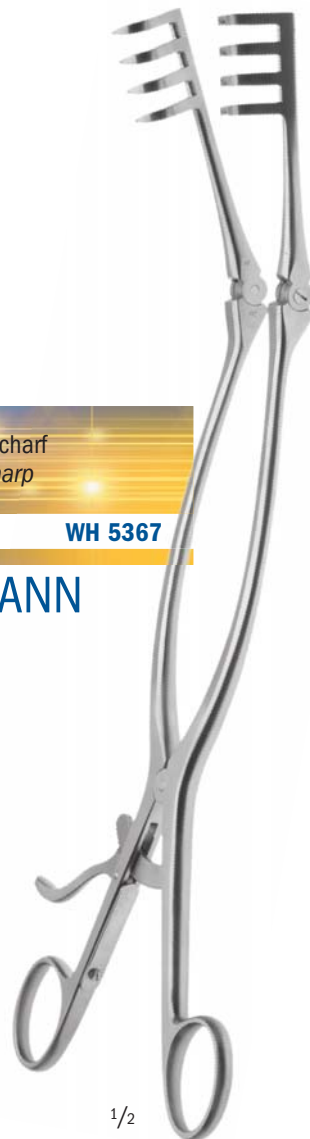
	stumpf links 5 Zähne rechts 4 Zähne <i>blunt</i> left 5 teeth right 4 teeth	stumpf links 4 Zähne rechts 5 Zähne <i>blunt</i> left 4 teeth right 5 teeth	halbscharf links 5 Zähne rechts 4 Zähne <i>semi sharp</i> left 5 teeth right 4 teeth
320 mm, 12 <sup>3</sup> / <sub>4</sub> "	<b>WH 5371L</b>	<b>WH 5371R</b>	<b>WH 5371-1</b>

**BECKMANN-ADSON**



4 x 4 Zähne, scharf 4 x 4 teeth, sharp
310 mm, 12" <b>WH 5367</b>

**BECKMANN**







145 mm, 6" **WH 7000**  
**DE BAKEY FEMUR**

1/2



Öffnungsweite opening width		
90 mm, 3 1/2"	50 mm	<b>WH 6965</b>
140 mm, 5 1/2"	70 mm	<b>WH 6970</b>
160 mm, 6 1/4"	80 mm	<b>WH 6975</b>
180 mm, 7"	100 mm	<b>WH 6980</b>

1/2

**GELPI**  
VULVA-SPREIZER / VULVA RETRACTOR

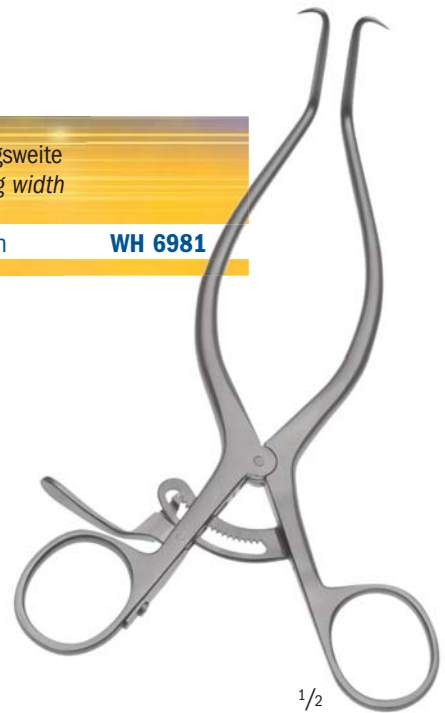


mit Kugelstopper  
with ball stop      Öffnungsweite  
opening width  
180 mm, 7"      100 mm      **WH 6985**  
**GELPI**

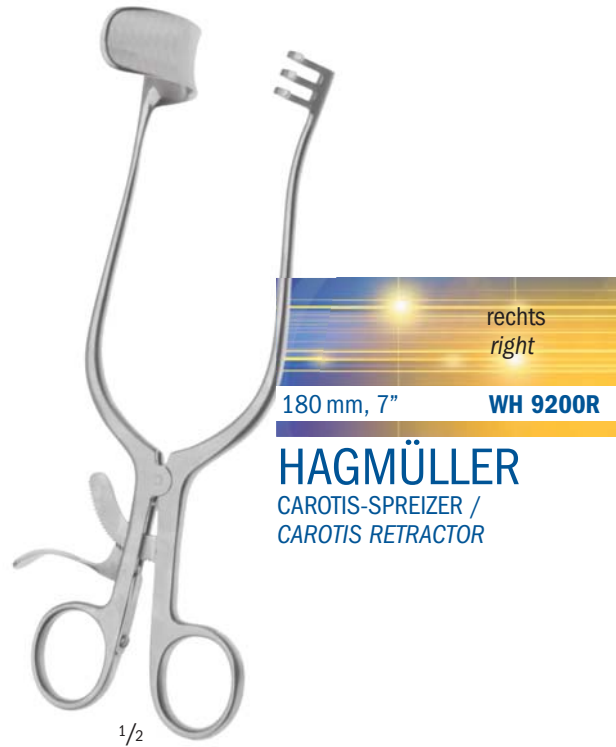
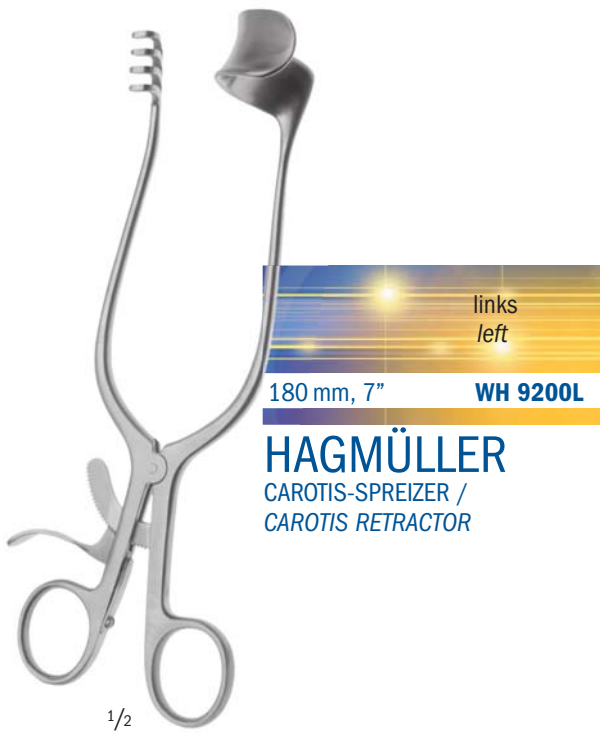
1/2

30 mm tief 30 mm deep	Öffnungsweite opening width	
180 mm, 7"	100 mm	<b>WH 6981</b>

**GELPI**



1/2

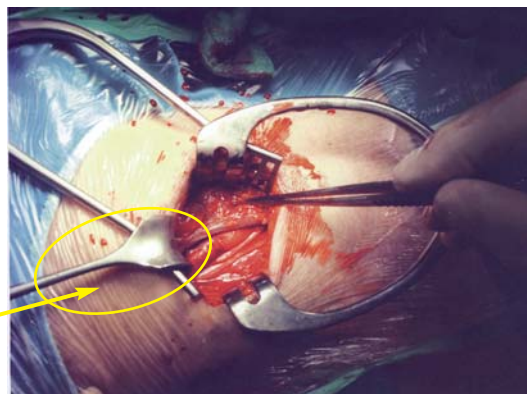


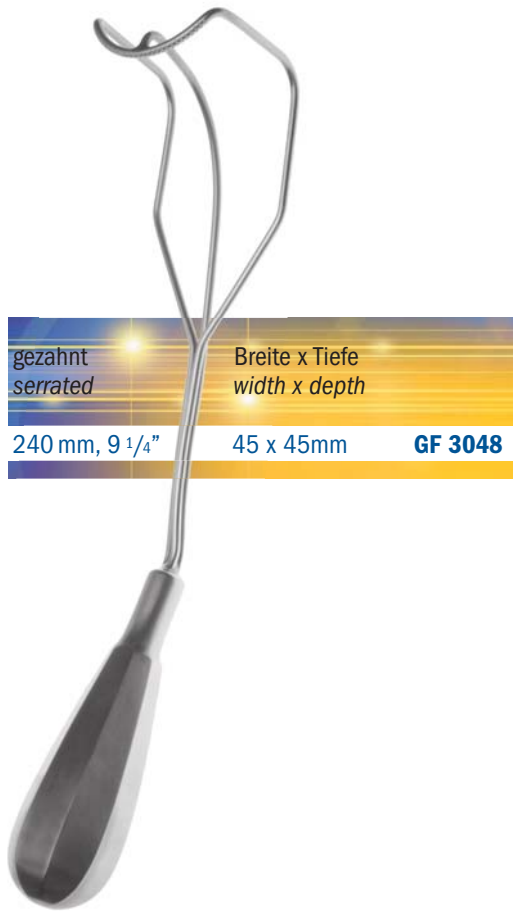
Dieser Spreizer ermöglicht assistenzfreies Retraktieren des Gewebes bei Carotis-Eingriffen und erspart einen zweiten Wundhaken als Gegensperrer.

*This retractor enables retraction for carotid operation with additional retractor hold by an assistant and it saves the second single retractor.*

Einzelhaken mit Assistent entfällt.

*Single retractor not necessary anymore with assistant.*





gezahnt serrated	Breite x Tiefe width x depth	
240 mm, 9 1/4"	45 x 45mm	<b>GF 3048</b>

1/2



gezahnt serrated	Breite x Tiefe width x depth	
240 mm, 9 1/4"	small 25 x 20mm	<b>GF 3493</b>
240 mm, 9 1/4"	medium 40 x 30mm	<b>GF 3494</b>
220 mm, 8 3/4"	large 50 x 35mm	<b>GF 3495</b>

**COOLEY**

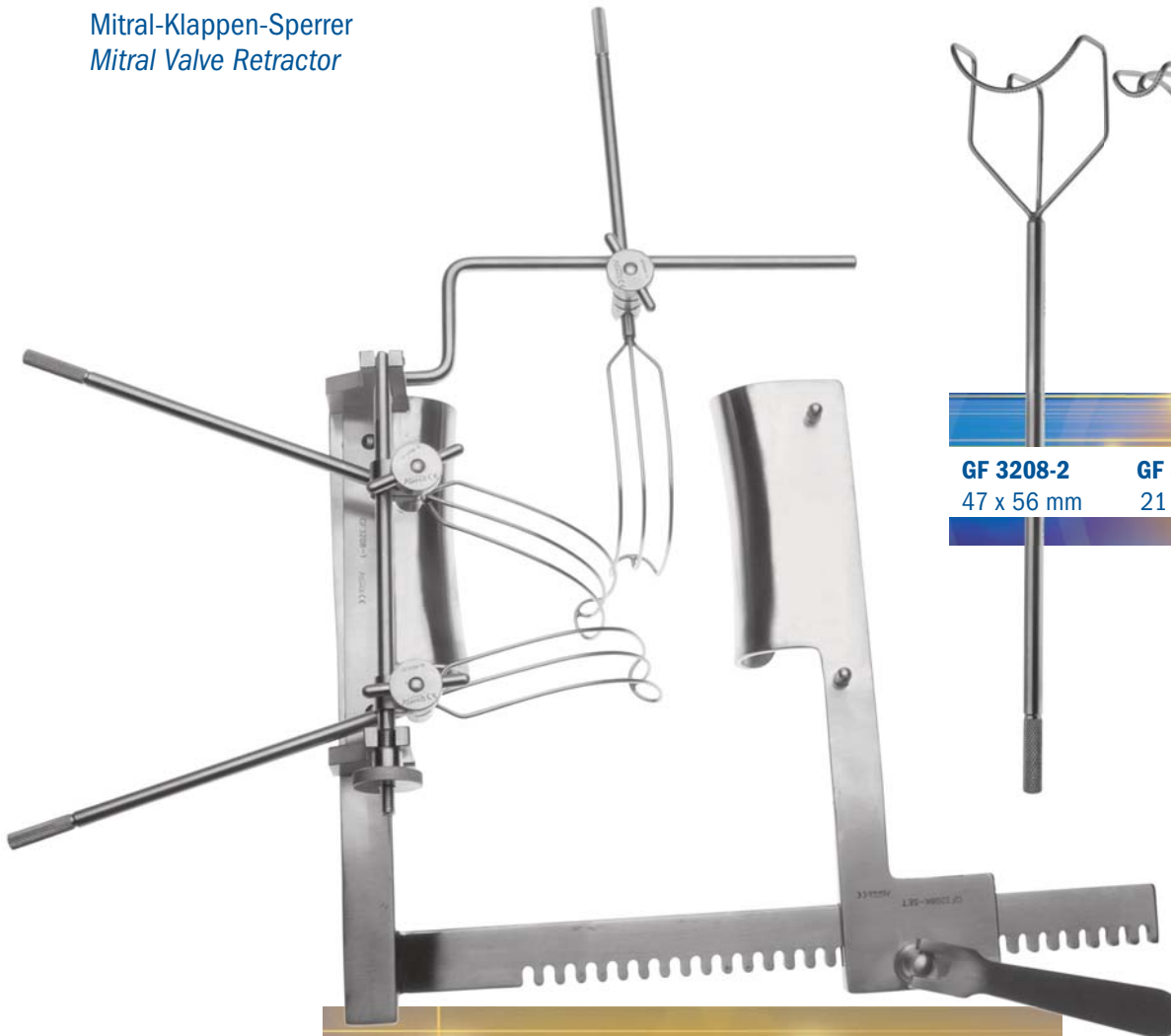
1/2



	Breite x Tiefe width x depth	gezahntes Ende serrated tip	
220 mm, 8 3/4"	43 x 47mm		<b>GF 3480</b>
220 mm, 8 3/4"	31 x 47mm	rechts/right	<b>GF 3500</b>
220 mm, 8 3/4"	25 x 46mm	links/left	<b>GF 3490</b>

1/2

Mitral-Klappen-Sperrer  
Mitral Valve Retractor



GF 3208-2	GF 3208-3	GF 3208-4
47 x 56 mm	21 x 70 mm	21 x 85 mm

**GF 3208K**

komplett groß, complete large - bestehend aus: / consisting of:

**GF 3208-1** Hauptausleger / main bracket

**GF 3208-2** Tricuspid Sperrerblatt / Tricuspid retractor blade, 240 mm

**GF 3208-3** grosses Sperrerblatt / large retractor blade, 230 mm

**GF 3208-4** kleines Sperrerblatt / small retractor blade, 245 mm

**GF 3208-5** Universal Fixierung / universal fixation clamp

**GF 3208-6** solides Sperrerblatt / solid retractor blade, 100x40 mm

**GF 3208-7** Seitenarmrahmen / side arm bar

**GF 3208-8** Sperrerteil mit Schnellspannaufnahmen allein /  
retractor alone

**GF 3208-9** Fadenfixiereinheit / suture organizer for the bar of spreader

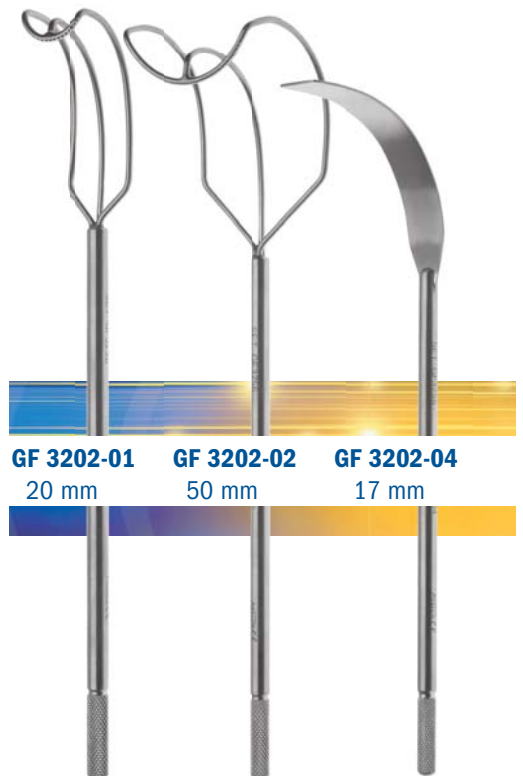
**GF 3208-10** kleines Sperrerblatt 22 mm breit, 220 mm lang/  
small retractor blade, 22 mm wide, 220 mm long



**GF 3334**

## POPLITEA

Infragenualer Retraktor zur dist. Arteria Poplitea und zum Trucus Tibioperoneus, ohne Fiberlichtträger.  
*Infragenualer Retractor for dist. Artery Poplitea and Trucus Tibioperoneus, without fibre optical.*



**GF 3256 Set**

komplett mit T-Rahmen, 2 Fixierklammern und 3 artrial Haken  
*complete of T-Bar, 2 fixation clamps and 3 artrial hooks*

**GF 3381**

Sperrer allein, für Erwachsene  
*Spreader only, for adults*

**GF 3202-01**

Mitral Valve schmal, Fig. 1, 20 mm breit und rund  
*Mitral Valve narrow, Fig. 1, 20 mm wide and round shape*

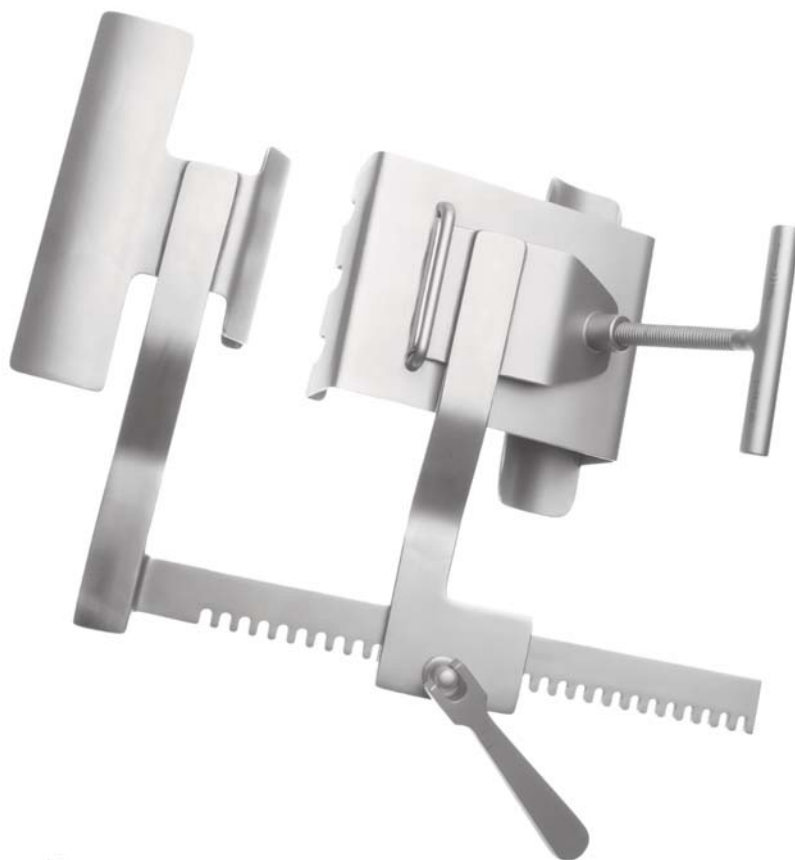
**GF 3202-02**

Mitral Valve, Fig. 3, 50 mm breit und rund  
*Mitral Valve, Fig. 3, 50 mm wide and round shape*

**GF 3202-04**

biegsamer Spatel, 17 mm breit  
*malleable artrial spatula, 17 mm wide*

Sternum-Sperrer für Mamaria Arterie  
Sternum-Retractor for Mamaria Arteria



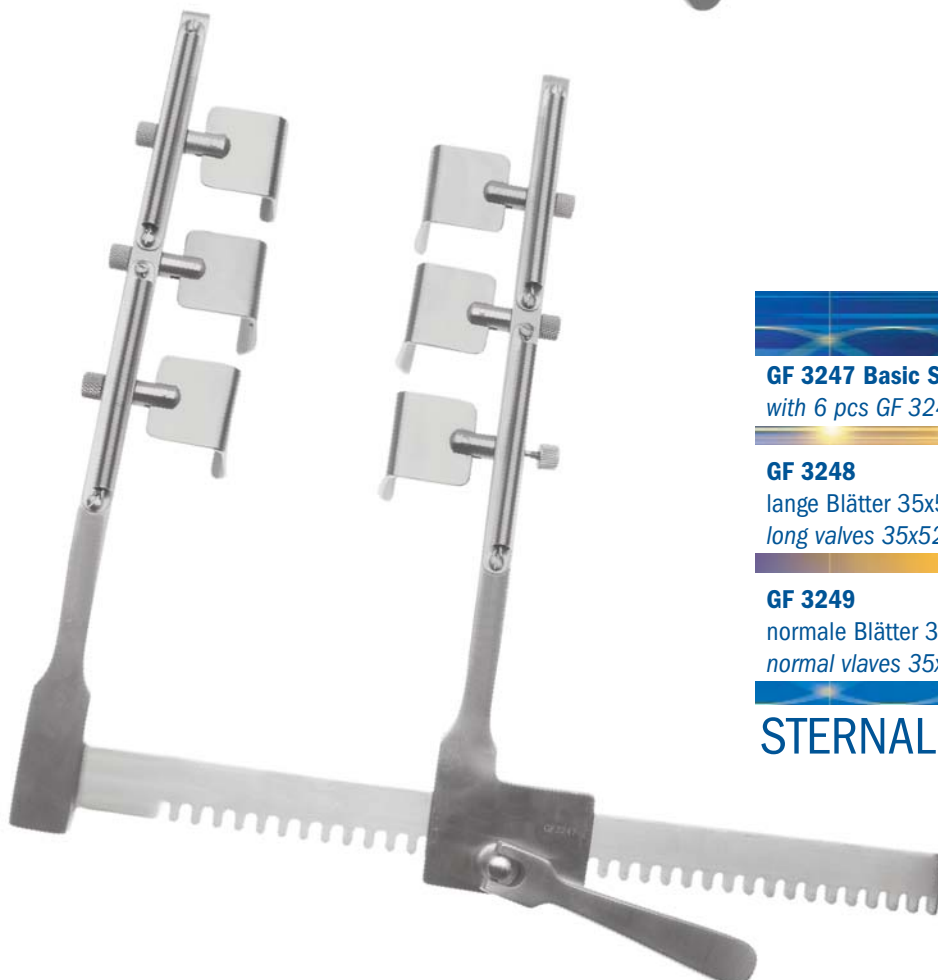
**GF 3245 Links / left**  
**GF 3246 Rechts / right**

**GF 3245-1**  
T-Griff mit Gewinde  
*T-handle with thread*

**GF 3245-2**  
Blatt alleine, beweglich  
*blade only, flexible*

## I.M.A. RETRACTOR

komplett / *complete*  
*not for USA market available*

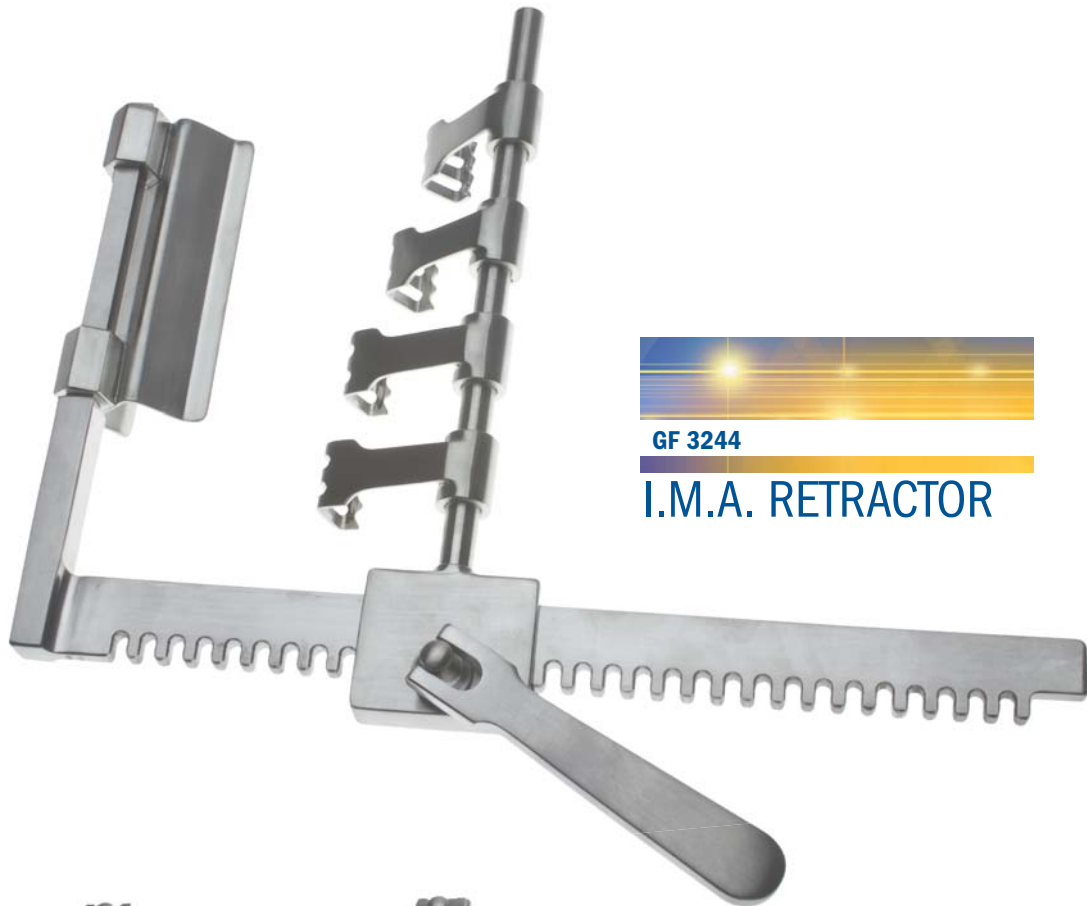


**GF 3247 Basic Set**  
*with 6 pcs GF 3249*

**GF 3248**  
lange Blätter 35x52 mm, 6 St.  
*long valves 35x52 mm, 6 pcs*

**GF 3249**  
normale Blätter 35x35 mm, 6 St.  
*normal valves 35x35 mm, 6 pcs*

## STERNAL RETRACTOR



GF 3244

I.M.A. RETRACTOR

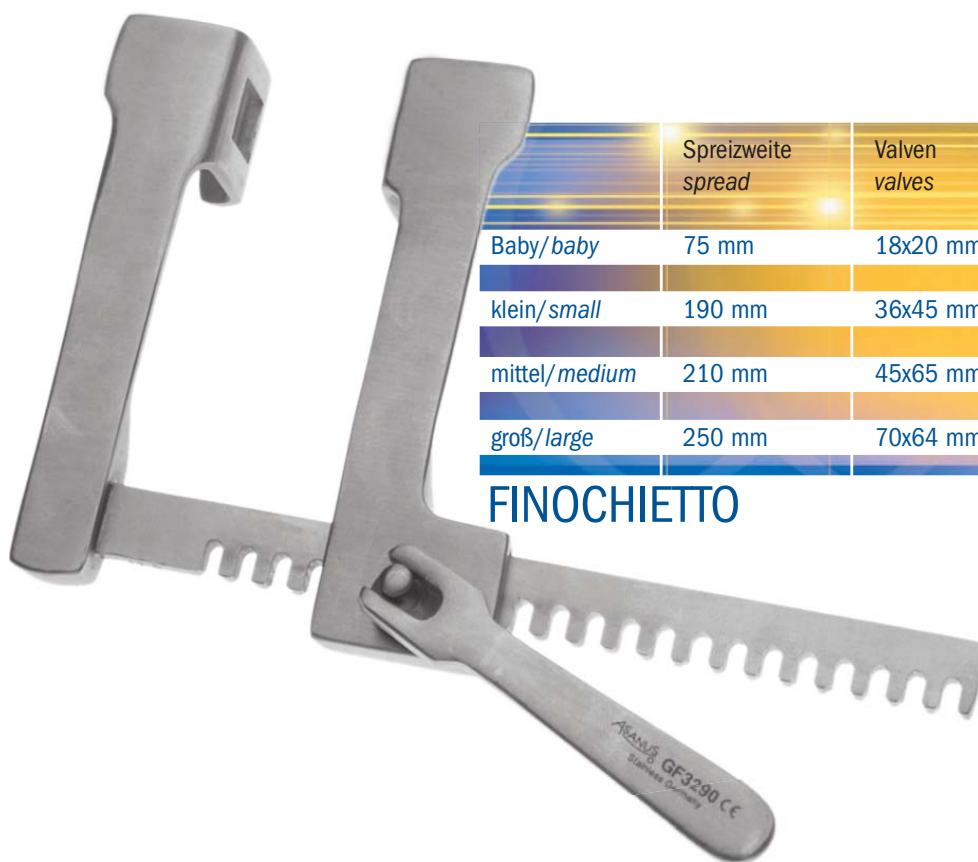


220 mm Spreizweite / spread  
2 Paar Valven / 2 pair valves  
Stahl / steel

GF 3100

FINOCHIETTO-BURFORD





	Spreizweite spread	Valven valves	Stahl steel	Aluminium aluminium
Baby/baby	75 mm	18x20 mm	<b>GF 3290</b>	<b>GF 3290A</b>
klein/small	190 mm	36x45 mm	<b>GF 3070</b>	<b>GF 3070A</b>
mittel/medium	210 mm	45x65 mm	<b>GF 3080</b>	<b>GF 3080A</b>
groß/large	250 mm	70x64 mm	<b>GF 3090</b>	<b>GF 3090A</b>

## FINOCHIETTO



Aluminium Light weight  
 2 auswechselbare Valven  
 Aluminium Light weight  
 2 exchangeable valves

**GF 3101**

**BURFORD**  
 KINDERSPERRER  
 CHILDREN RETRACTOR



Valven allein /  
 Valves only

**GF 3102** 34 x 42 mm

**GF 3103** 48 x 42 mm



35 mm Spreizweite / *spread*  
10x7 mm Valve

**WH 0001**

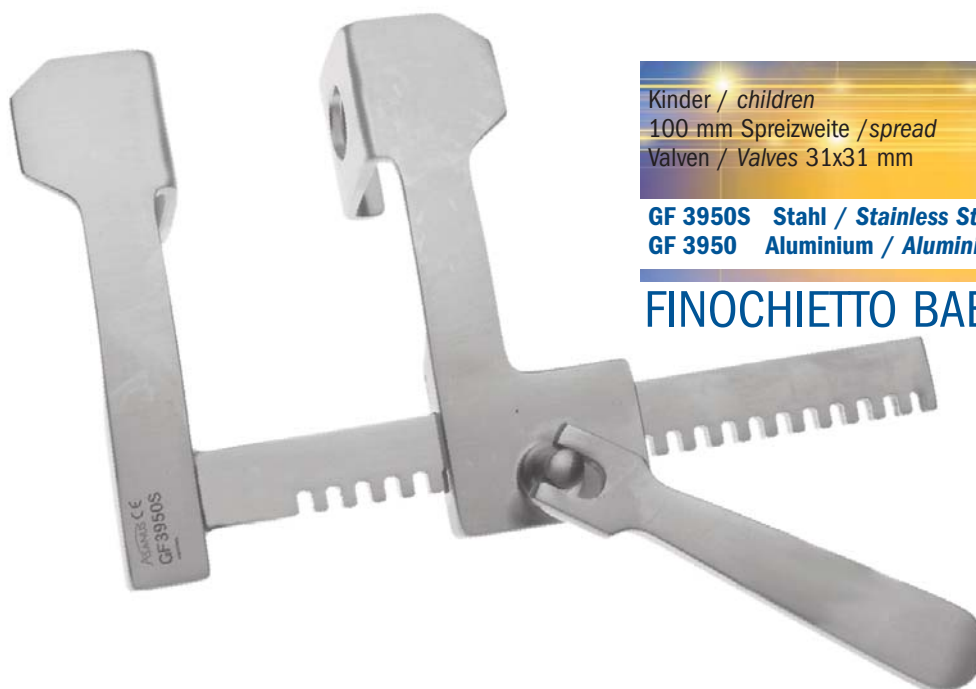
## MICRO FINOCHIETTO



60 mm Spreizweite / *spread*  
Wechselvalven 15x20 und 15x10mm  
*Valves 15x20 and 15x10mm*

**WH 8000**

## TITAN FINOCHIETTO



Kinder / children  
100 mm Spreizweite / spread  
Valven / Valves 31x31 mm

GF 3950S Stahl / Stainless Steel  
GF 3950 Aluminium / Aluminium

## FINOCHIETTO BABY HAIGHT



Kleinstkinder / baby  
75 mm Spreizweite / spread  
Valven / Valves 15x15 mm

GF 3940S Stahl / Stainless Steel  
GF 3940 Aluminium / Aluminium

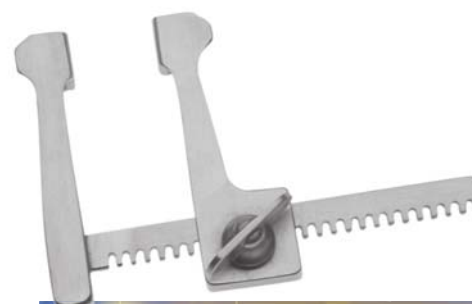
## FINOCHIETTO INFANT



Kleinstkinder / baby MINI  
36 mm Spreizweite / spread  
Valven / Valves 7x7 mm

GF 3407

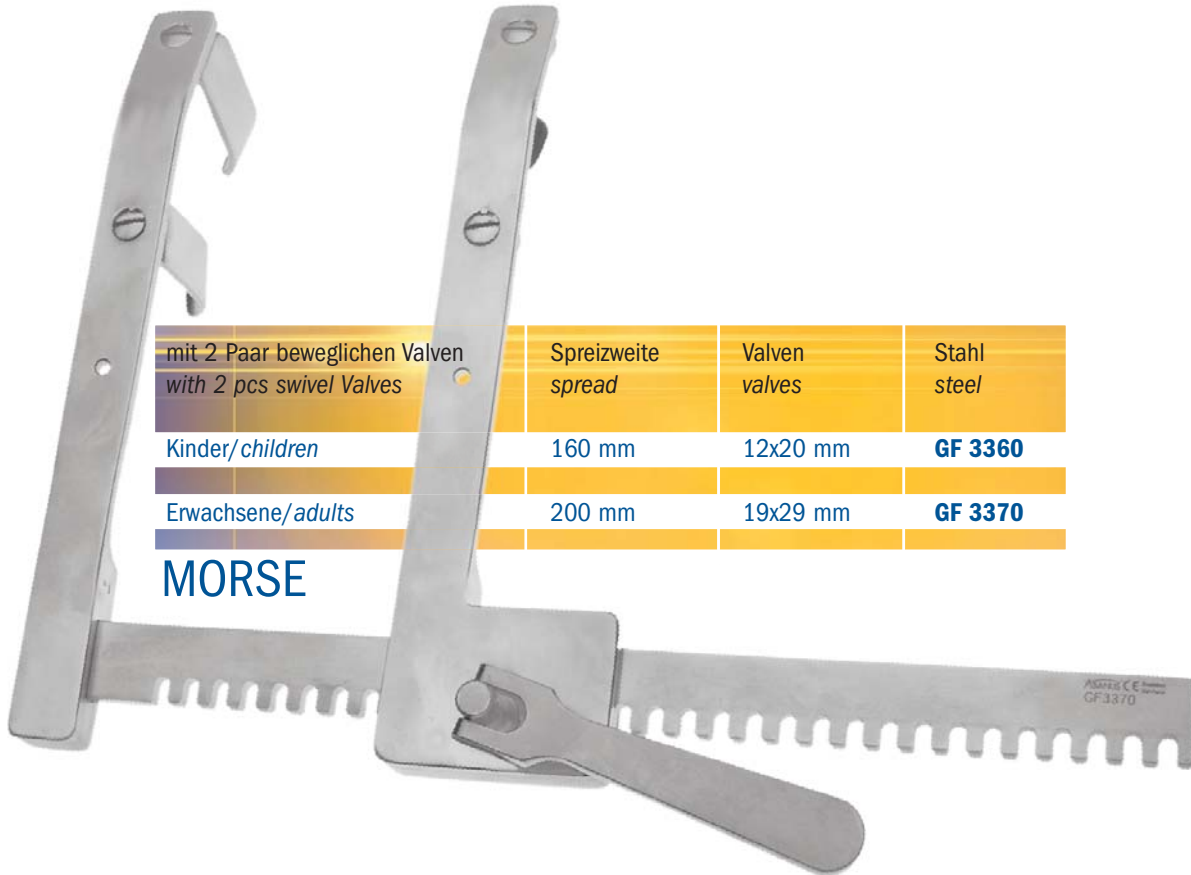
## FINOCHIETTO INFANT



Kleinstkinder / baby MINI  
36 mm Spreizweite / spread  
Valven / Valves 7x7 mm

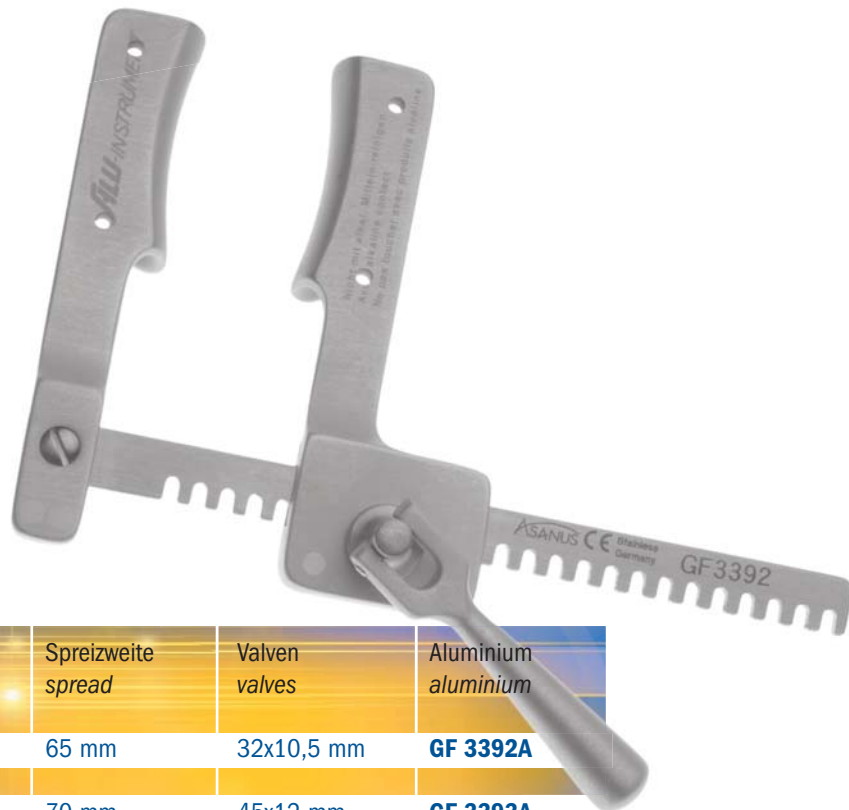
GF 3470-1 mit Flügelhebel / with wing screw

## FINOCHIETTO INFANT



mit 2 Paar beweglichen Valven with 2 pcs swivel Valves	Spreizweite spread	Valven valves	Stahl steel
Kinder/children	160 mm	12x20 mm	<b>GF 3360</b>
Erwachsene/adults	200 mm	19x29 mm	<b>GF 3370</b>

**MORSE**



	Spreizweite spread	Valven valves	Aluminium aluminium
Neugeboren/newborn	65 mm	32x10,5 mm	<b>GF 3392A</b>
Kleinstkinder/babies	70 mm	45x12 mm	<b>GF 3393A</b>
Kinder/children	120 mm	60x15 mm	<b>GF 3394A</b>

**CASTANEDA**

mit concave-convex Valven/with concave-convex blades



1 Paar Blätter allein /  
1 pair of blades only

**GF 3210** 60x60 mm

**GF 3220** 50x80 mm

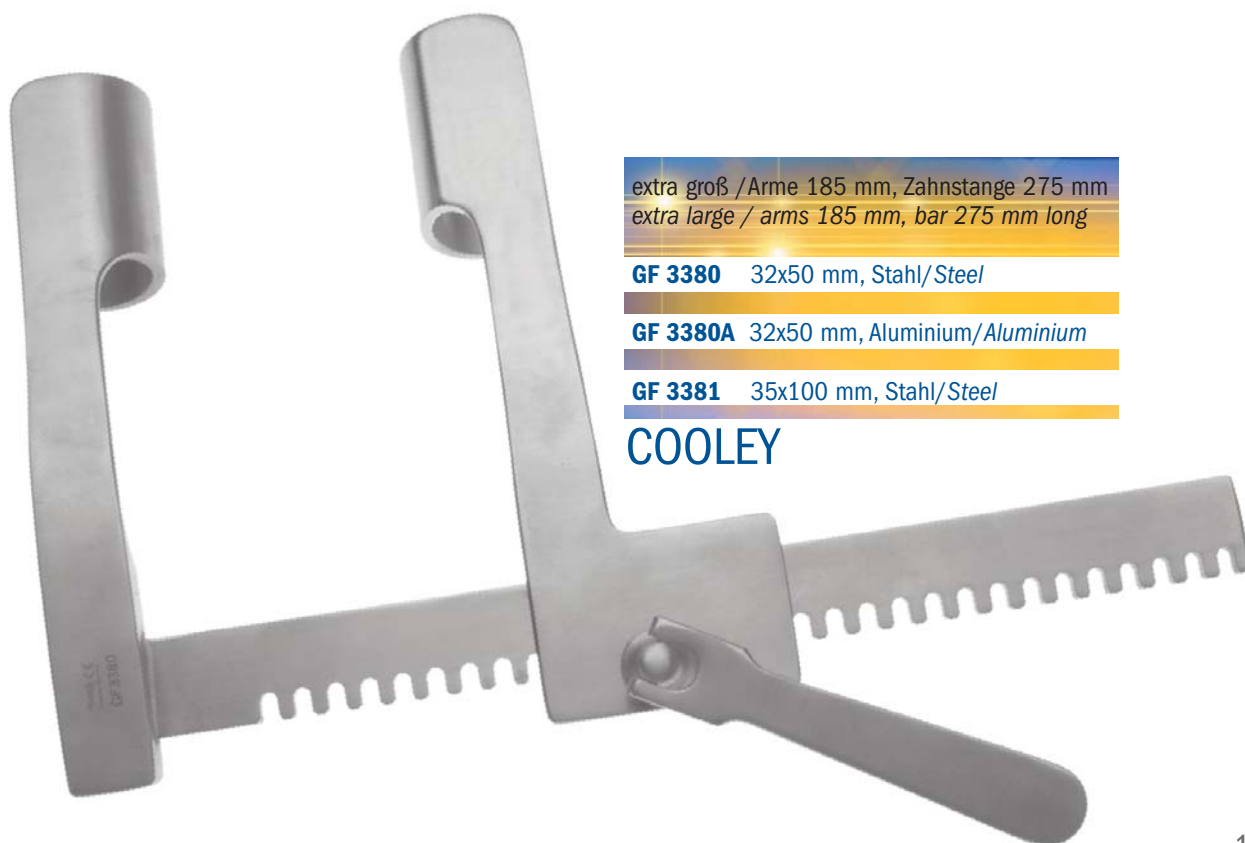
**GF 3230** 40x100 mm

**GF 3240** 80x60 mm

Sternum- und Rippensperrer  
mit 3 Paar Blättern /  
Sternal retractor complete  
with 3 pairs of blades

**GF 3190**

DE BAKEY



extra groß / Arme 185 mm, Zahnstange 275 mm  
extra large / arms 185 mm, bar 275 mm long

**GF 3380** 32x50 mm, Stahl/Steel

**GF 3380A** 32x50 mm, Aluminium/Aluminium

**GF 3381** 35x100 mm, Stahl/Steel

COOLEY



1 Paar Blätter allein /  
1 pair of blades only

**GF 3150** 30x30 mm

**GF 3160** 40x40 mm

**GF 3170** 50x50 mm



Sternum- und Rippensperrer  
komplett mit 3 Paar Blättern /  
Sternal retractor complete  
complete with 3 pairs of blades

**GF 3130**

**DE BAKEY**

komplett mit 2 Paar Blätter  
complete with 2 pcs Blades  
75x75 mm, 42x65 mm

**GF 3250**

**MERCEDES**

Schaftlänge 115 mm, 4½"  
shaft length 115 mm, 4½"

**MN 4591** gerade, 3 mm/straight, 3 mm

**MN 4592** 25° abgebogen/25° down turned

**MN 4593** 70° abgebogen/70° down turned

**MN 4594** 90° abgebogen/90° down turned

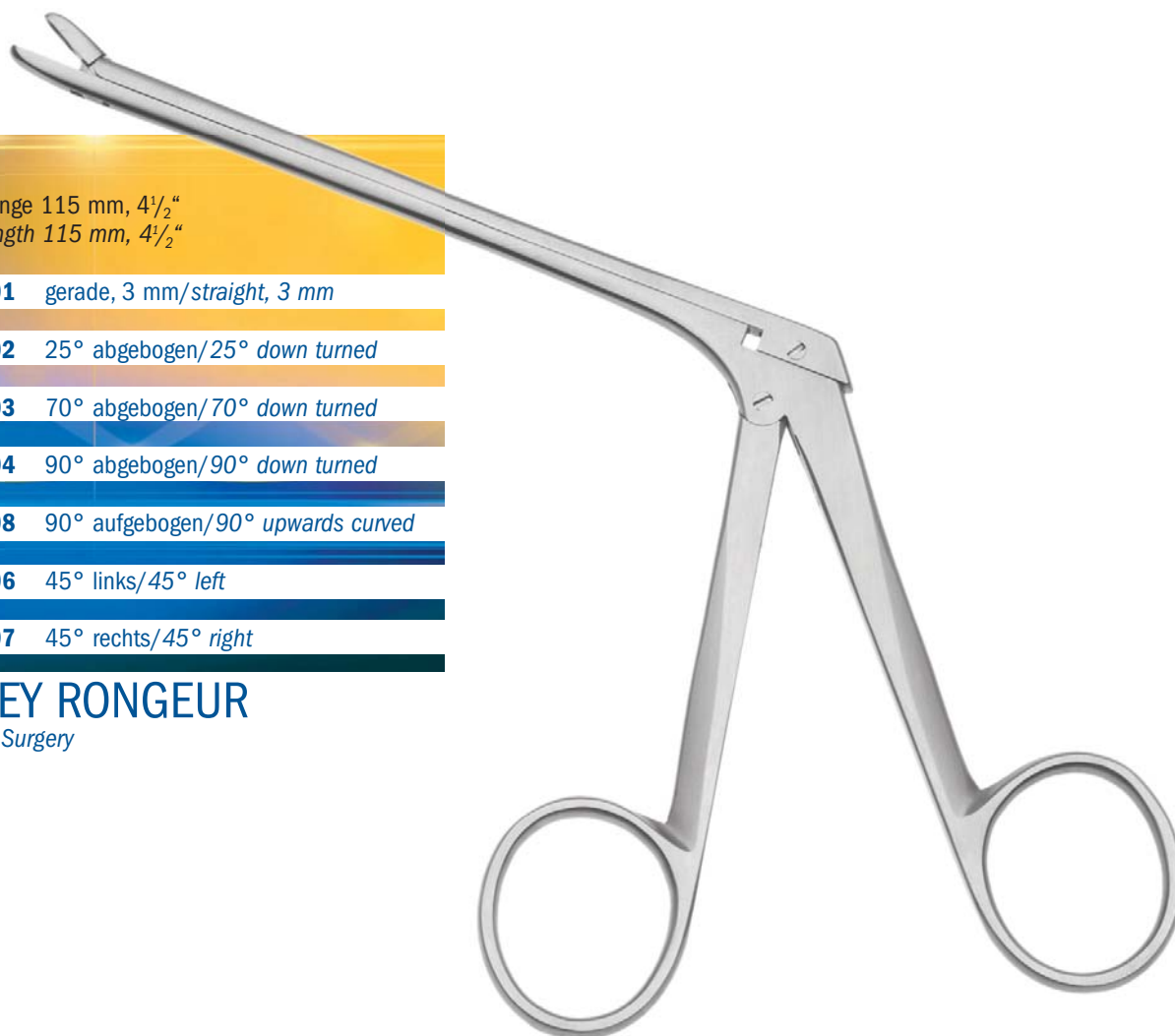
**MN 4598** 90° aufgebogen/90° upwards curved

**MN 4596** 45° links/45° left

**MN 4597** 45° rechts/45° right

## BAILEY RONGEUR

for Valve Surgery





150 mm, 6" **GF 3350** BAILEY-BABY

180 mm, 7" **GF 3330** BAILEY

200 mm, 8" **GF 3340** BAILEY-GIBBON

**BAILEY**

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



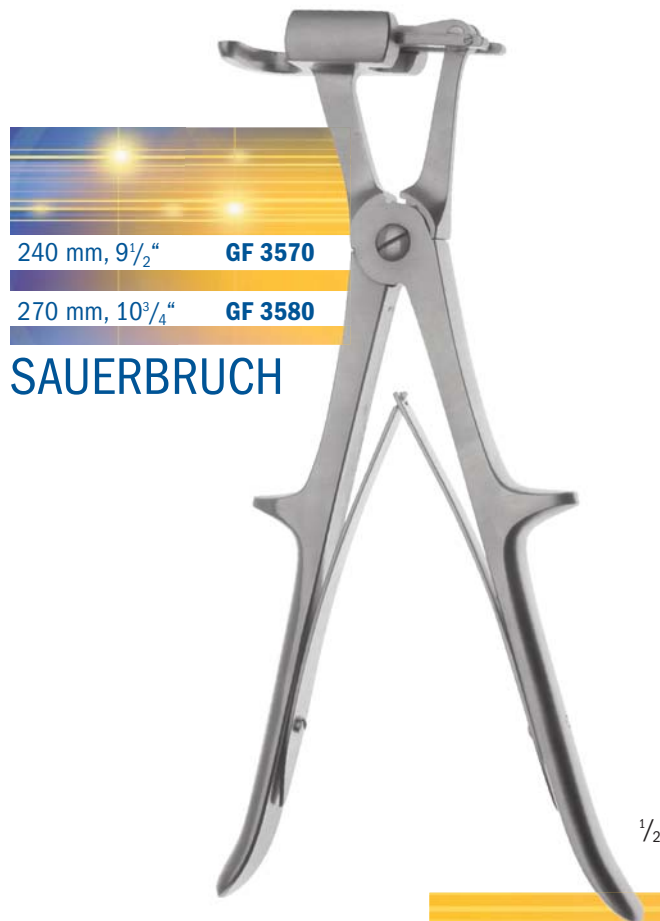
Sternum Meissel  
*Sternal Chisel*

250 mm, 10" **GF 3630**

**LEBSCHE**

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



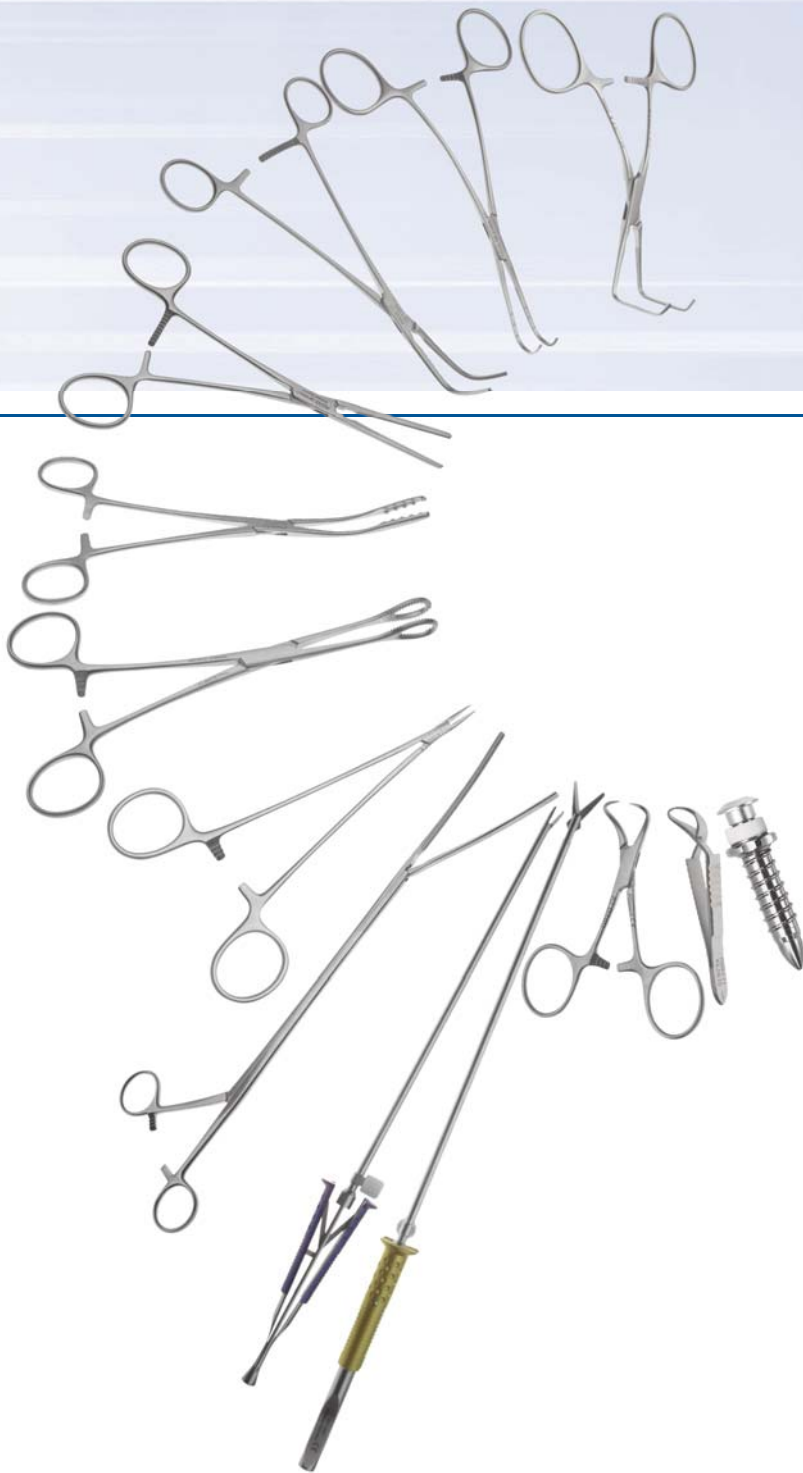




340 mm, 13 $\frac{1}{3}$ " **GF 3550**

**BETHUNE**

$\frac{1}{2}$



ATRAUMATISCHE  
GEFÄßKLEMMEN  
ATRAUMATIC  
VASCULAR CLAMPS

KLEMMEN ALLGEMEIN  
CLAMPS GENERAL

MIS INSTRUMENTE  
MIS INSTRUMENTS

PEN LINE  
PEN LINE

**DE BAKEY ZÄHNE**

Eine einseitige Einerreihe von feinst verarbeiteter Güte gewährleistet optimalen Schutz vor Gewebebeschädigungen und gleitet in eine Doppelreihe von Zähnen beim Schliessen ein.

**DE BAKEY JAWS**

A single row of finely serrated teeth opposing a double row, precisely crafted are designed to deliver the most minimal trauma to tissue.

**SPERREN**

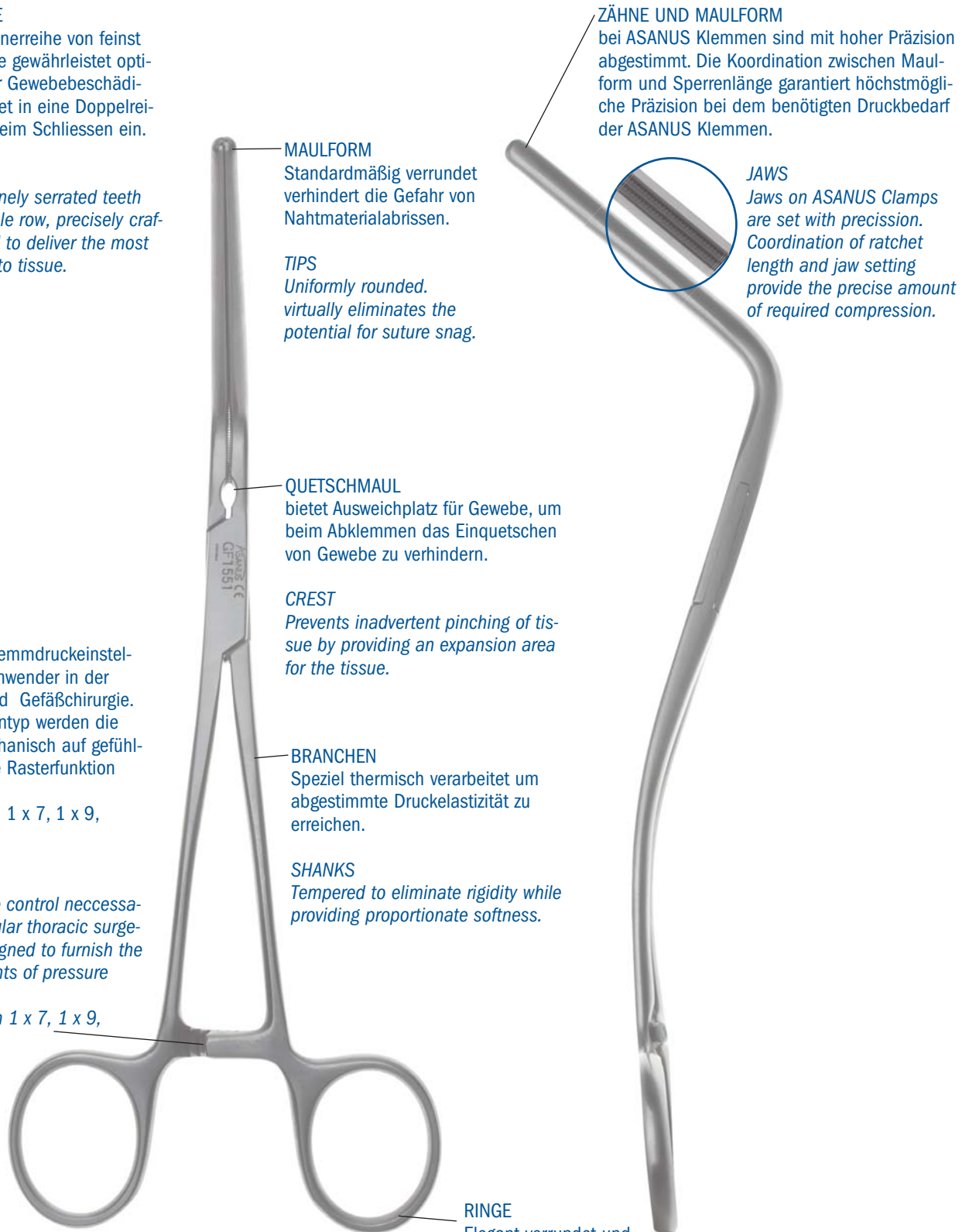
Bieten feinste Klemmdruckeinstellungen für alle Anwender in der Herz-, Thorax- und Gefäßchirurgie. Je nach Klemmentyp werden die Sperren feinmechanisch auf gefühlvolle und sichere Rasterfunktion eingestellt.

Hier eingerichtet: 1 x 7, 1 x 9, 1 x 11 Schritten.

**RATCHETS**

Provide the finite control necessary in cardiovascular thoracic surgery. They are designed to furnish the precise increments of pressure designed.

Here furnished in 1 x 7, 1 x 9, 1 x 11 steps.



**MAULFORM**

Standardmäßig verrundet verhindert die Gefahr von Nahtmaterialabrissen.

**TIPS**

Uniformly rounded. virtually eliminates the potential for suture snag.

**QUETSCHMAUL**

bietet Ausweichplatz für Gewebe, um beim Abklemmen das Einquetschen von Gewebe zu verhindern.

**CREST**

Prevents inadvertent pinching of tissue by providing an expansion area for the tissue.

**BRANCHEN**

Speziell thermisch verarbeitet um abgestimmte Druckelastizität zu erreichen.

**SHANKS**

Tempered to eliminate rigidity while providing proportionate softness.

**ZÄHNE UND MAULFORM**

bei ASANUS Klemmen sind mit hoher Präzision abgestimmt. Die Koordination zwischen Maulform und Sperrenlänge garantiert höchstmögliche Präzision bei dem benötigten Druckbedarf der ASANUS Klemmen.

**JAWS**

Jaws on ASANUS Clamps are set with precision. Coordination of ratchet length and jaw setting provide the precise amount of required compression.

BEISPIEL  
Aortaklemme

EXAMPLE  
Aortic clamp

RINGE  
Elegant verrundet und auf die Chirurgenhände abgestimmt.

FINGER RINGS  
Comfortably sized.



**DE BAKEY Standard 1x2 Zahnreihen**  
Eine einreihige atraumatische Zahnung gleitet in eine gleichartige zweireihige Zahnung beim Schließen ein und fixiert die Gefäße atraumatisch mit einem temporären Gefäßverschluß sicher. Dieser Klemmentyp wird hauptsächlich aus Erfahrung für periphere Gefäß-, Aorta- und Aorta Teilverschlußklemmen verwendet.

### **DE BAKEY Standard**

*A single row of serrated teeth opposing a double row. The most commonly used jaw design, (and most imitated). Proven through many years' use at hospitals throughout the world, on adult peripheral vascular, aortic occlusion and partial occlusion clamps.*



**DE BAKEY kleine Zahnung**  
Ist eine Miniaturisierung der Original DE BAKEY atraumatischen Zahnung. Diese Zahnung wird häufig bei Bulldogklemmen aller Art, feinen Gefäßklemmen und einigen Kinderklemmen eingesetzt.

### **DE BAKEY Small Grip**

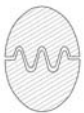
*A small version of the original DE BAKEY used on most bulldogs, vascular tissue forceps and numerous pediatric clamps.*



**DE BAKEY delikate Zahnung**  
für Kinder und Neugeborene  
Diese kleinstmögliche Mikro DE BAKEY Zahnung wird bei sehr vielen Neugeborenen und Kinderchirurgischen Eingriffen eingesetzt, als auch bei einigen peripheren Gefäßklemmarbeiten bei Erwachsenen.

### **DE BAKEY Extra Fine Grip**

*Pediatric  
The smallest size DE BAKEY being used on many new pediatric and adult peripheral vascular clamps, bulldogs and forceps.*



**DE BAKEY 2x3 Zahnreihen**  
Eine zweireihige auf dreireihige atraumatische Zahnung ist von der ursprünglichen Standard DE BAKEY Version für breite und kraftvolle atraumatische Klemmarbeiten entwickelt worden. Diese Zahnung wird hauptsächlich für große Aortacrossklemmen und bei verkalkten Arterien eingesetzt. Außerdem wird die Zahnung bei atraumatischen Klemmen für die Allgemein- und Viszeralchirurgie, sowie der Urologie, eingesetzt.

### **DE BAKEY 2x3**

*Double row of serrated teeth opposing a triple row: This modified version of DE BAKEY serration, having a broader clamping surface, is used on large clamps for aortic cross clamping and on diseased and calcified arteries. Clamps with the 2x3 serration are also used frequently in general surgery as bowel clamps.*



**COOLEY**  
Zwei aufeinander gegenüberliegende Klemmbacken in U-förmiger Verarbeitung bieten einen höchstmöglichen atraumatischen Klemmschutz. Insbesondere bei Neugeborenen und der Kinderchirurgie entstand dieser Zahntyp. Häufig wird die Zahnung auch für die Carotis und andere feine Gefäße im Erwachsenenbereich eingesetzt.

### **COOLEY**

*Two opposing rows of fine atraumatic teeth. Originally designed especially for surgery on infants and children the jaws grasp vessels firmly with less danger of crushing. Also available on a limited group of adult vascular clamps.*



**DERRA 1mm**  
Eine jeweils einreihige sich gegenüberliegende Klemmbackenanordnung in höchster Präzision von Chirurgiemechaniker-Spezialisten verarbeitet und für die Neonatale Gefäßchirurgie entwickelt, bietet sehr hohe präzise Klemmmöglichkeiten. Häufig wird dieser Klemmtyp auch in der Erwachsenen Chirurgie bei Carotis, femoralen und poplitealen Arterien und bei A. V. Fistulas, verwendet.

### **DERRA Pediatric 1mm**

*Single row of opposing teeth. The narrowest available vascular clamp. Designed for neonatal vascular surgery, these clamps have also proven of value in adult surgery of the carotid femoral and popliteal arteries and for creating A. V. Fistulas.*

 Pediatric 1 mm

**fein**  
**delicate**

gerade  
straight

30°

50°

90°

110 mm, 4<sup>3</sup>/<sub>8</sub>"

**GF 1293**

125 mm, 5"

**GF 1292**

130 mm, 5<sup>1</sup>/<sub>8</sub>"

**GF 1278**

**GF 1291**

## SHORT CASTANEDA

für präzisen Schließdruck mit minimaler Blockierung  
for precise, close-quarters control with minimal obstruction

 Pediatric 1 mm

150mm, 6"

**GF 2309**

**GF 2311**

**GF 2312**

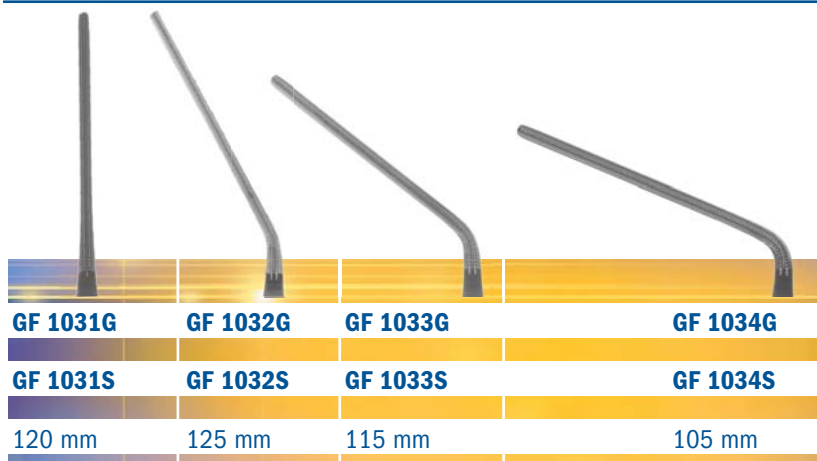
## LONG CASTANEDA

 Pediatric 1 mm

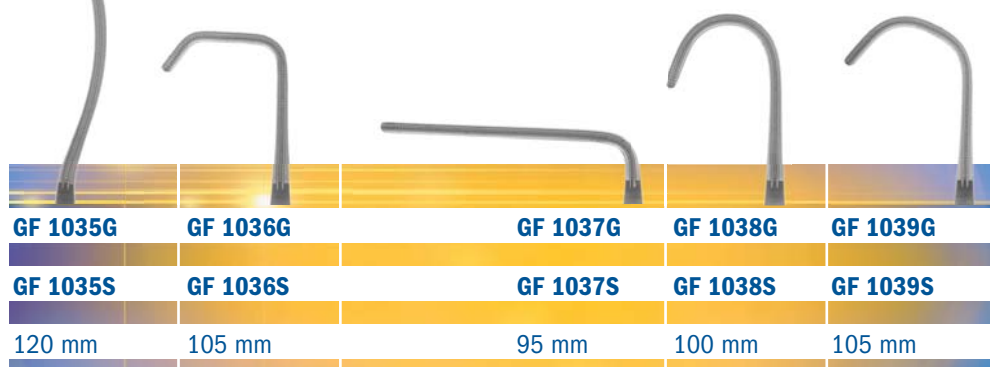
150mm, 6"

**GF 2313**

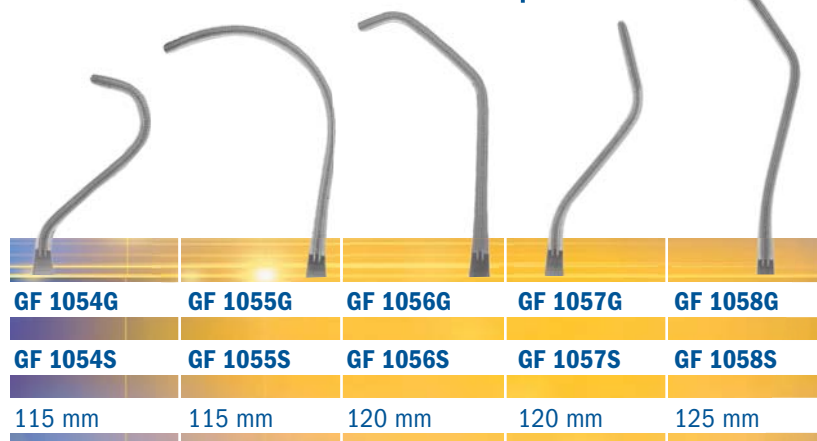
## LONG



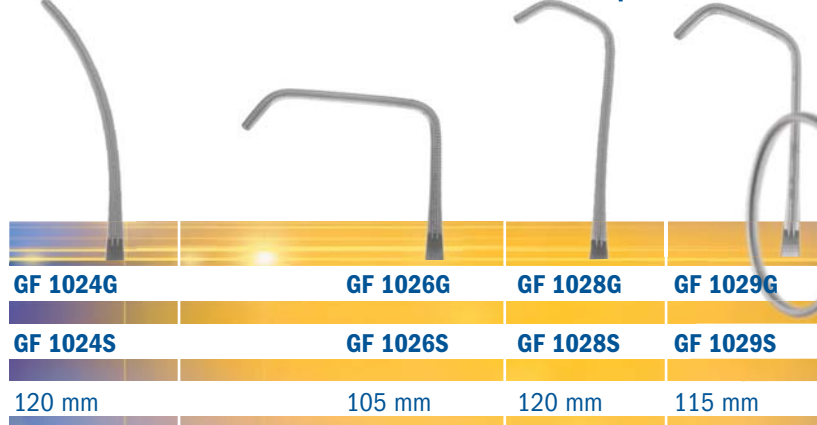
**DE BAKEY Extra Fine Grip Pediatric**



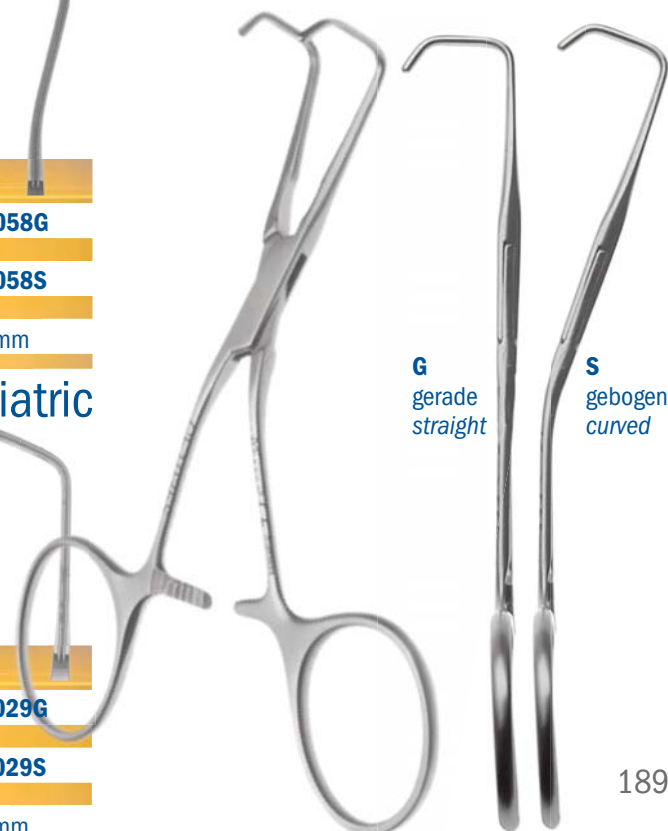
**DE BAKEY Extra Fine Grip Pediatric**



**DE BAKEY Extra Fine Grip Pediatric**



**DE BAKEY Extra Fine Grip Pediatric**



MEHRZWECKKLEMMEN FÜR DIE NEONATALCHIRURGIE  
VERSATILE, MULTIPURPOSE CLAMPS DESIGNED FOR NEONATAL USE

Pediatric 1 mm

**COOLEY**  
**Baby Vascular**

gerade  
straight

S-gebogen  
S-curved

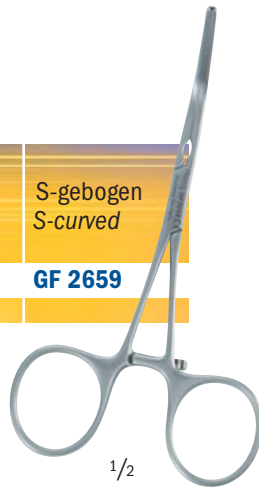
125 mm, 5"

**GF 2658**

**GF 2659**

**TEALDI**

CAROTISKLEMMEN  
CAROTID CLAMPS



1/2

Pediatric 1 mm

**COOLEY**

135 mm, 5 1/4"

**GF 1062**

**CAROTIS**  
**DELICATE**



1/2

Pediatric 1 mm

Länge  
Length

Biegung  
bending

152 mm, 6"

slightly curved

**GF 1184**

**CASTANEDA**

EXTRA FEIN, EXTRA FINE



1/2

Pediatric 1 mm

Länge  
Length

Biegung  
bending

152 mm, 6"

slightly curved

**GF 1186**

**CASTANEDA**

EXTRA FEIN, EXTRA FINE



1/2



MEHRZWECK-GEFÄSSKLEMMEN  
 MULTIPURPOSE VASCULAR CLAMPS



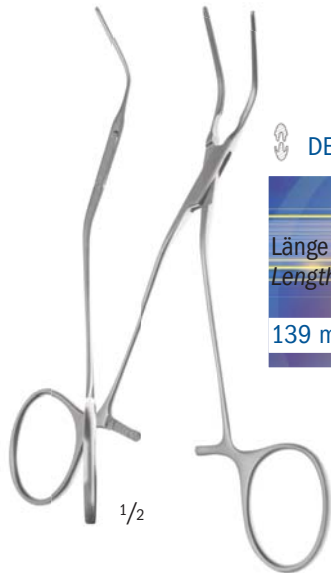
DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length
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146 mm, 5 3/4"	30°	20 mm
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**GF 2101**



DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length
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139 mm, 5 1/2"	45°	20 mm
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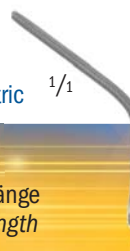
**GF 2102**



DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length
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136 mm, 5 3/8"	60°	20 mm
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**GF 2103**

**DE BAKEY**  
 EXTRA FEIN, EXTRA FINE 1,5 MM

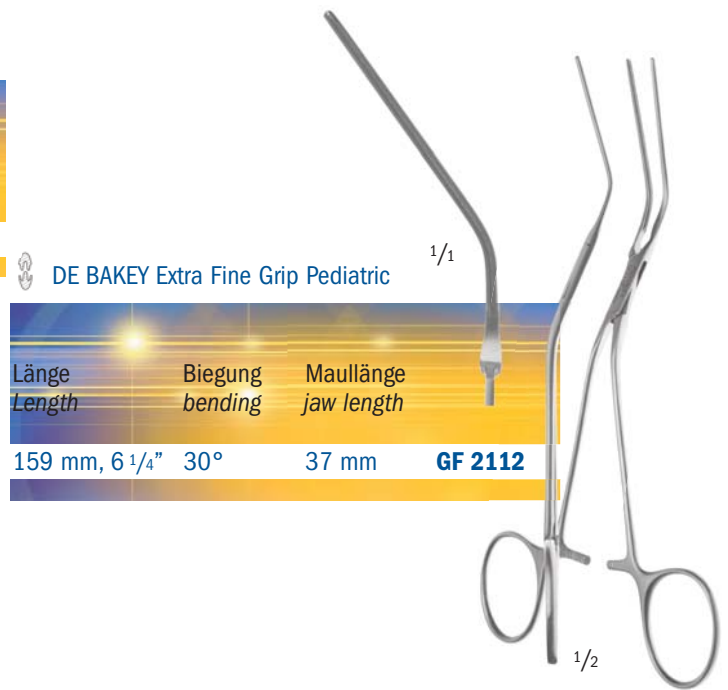
MEHRZWECK-GEFÄSSKLEMMEN  
MULTIPURPOSE VASCULAR CLAMPS



DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length
133 mm, 5 1/4"	90°	17 mm

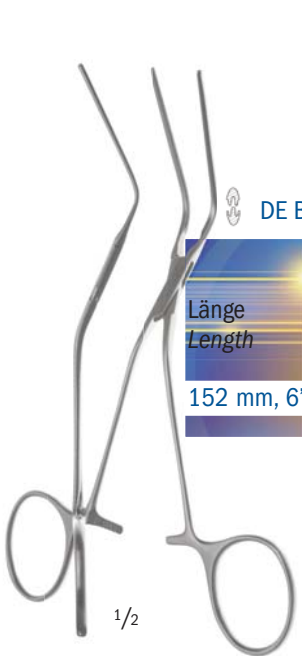
**GF 2111**



DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length
159 mm, 6 1/4"	30°	37 mm

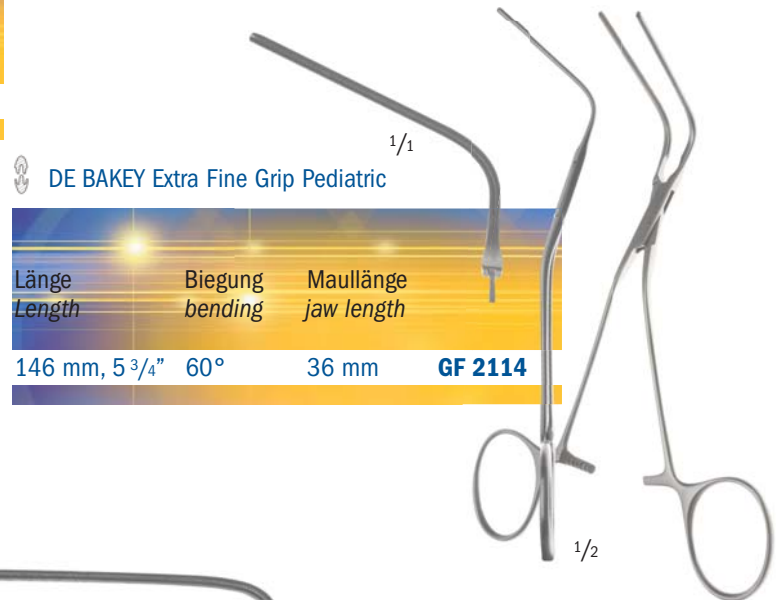
**GF 2112**



DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length
152 mm, 6"	45°	37 mm


**GF 2113**



DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length
146 mm, 5 3/4"	60°	36 mm

**GF 2114**



DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length
133 mm, 5 1/4"	90°	37 mm

**GF 2115**

**DE BAKEY**  
EXTRA FEIN, EXTRA FINE 1,5 MM

KINDER- UND ERWACHSENEN GEFÄSSKLEMMEN  
 PEDIATRIC AND ADULT VASCULAR CLAMPS

DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length
98 mm, 3 7/8"	small 45°	15 mm

**GF 2139**

DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length
105 mm, 4 1/8"	medium 45°	30 mm

**GF 2141**

DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length
140 mm, 5 1/2"	large, straight	45 mm

**GF 2142**

DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length
133 mm, 5 1/4"	15°	40 mm

**GF 2143**

DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length
119 mm, 4 3/4"	45°	40 mm

**GF 2144**

**DE BAKEY**  
 EXTRA FEIN, EXTRA FINE 1,5 MM

DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	Maullänge jaw length	
111 mm, 4 3/8"	60°	40 mm	<b>GF 2145</b>
95 mm, 3 3/4"	90°	40 mm	<b>GF 2146</b>

**DE BAKEY**

KINDER- UND ERWACHSENEN GEFÄSSKLEMMEN  
PEDIATRIC AND ADULT VASCULAR CLAMPS  
EXTRA FEIN, EXTRA FINE 1,5 MM



DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	Maullänge jaw length	
152 mm, 6"	straight	25 mm	<b>GF 2147</b>



DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	Maullänge jaw length	
152 mm, 6"	20° angle shank	30 mm	<b>GF 2148</b>



DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	Maullänge jaw length	
152 mm, 6"	double angle jaw	30 mm	<b>GF 2149</b>



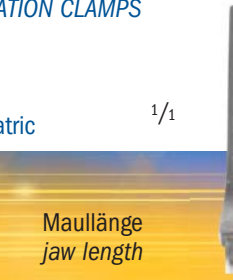
**DE BAKEY**  
PATENT DUCTUSKLEMMEN  
PATENT DUCTUS CLAMPS  
EXTRA FEIN, EXTRA FINE 1,5 MM

COARCTATIONSKLEMMEN  
 COARCTATION CLAMPS



DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length	
159 mm, 6 1/4"	straight	30 mm	<b>GF 2151</b>



<sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length	
159 mm, 6 1/4"	angle shank	35 mm	<b>GF 2152</b>



DE BAKEY Extra Fine Grip Pediatric

<sup>1/2</sup>



DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length	
159 mm, 6 1/4"	15° angle jaw	32 mm	<b>GF 2153</b>



**DE BAKEY**

EXTRA FEIN, EXTRA FINE 1,5 MM

<sup>1/2</sup>



DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length	
152 mm, 6"	small spoon	20 mm	<b>GF 2154</b>
146 mm, 5 3/4"	small spoon, angled	20 mm	<b>GF 2155</b>



**DE BAKEY**

PHERIPHERALE GEFÄSSLÖFFELKLEMMEN  
 SPOON PERIPHERAL VASCULAR CLAMPS  
 EXTRA FEIN, EXTRA FINE 1,5 MM



<sup>1/2</sup>



1/2

 DE BAKEY Extra Fine Grip Pediatric

1/1

Länge Length	Biegung bending	Maullänge jaw length	
152 mm, 6"	large spoon	28 mm	<b>GF 2156</b>

## DE BAKEY

PHERIPHERALE GEFÄSSLÖFFELKLEMME  
SPOON PERIPHERAL VASCULAR CLAMP  
EXTRA FEIN, EXTRA FINE 1,5 MM

 DE BAKEY Extra Fine Grip Pediatric

1/1

Länge Length	Biegung bending	Maullänge jaw length	
171 mm, 6 1/4"	half circle	28 mm	<b>GF 2157</b>

## DE BAKEY

KINDERAORTAKLEMME  
PEDIATRIC AORTA CLAMP  
EXTRA FEIN, EXTRA FINE 1,5 MM



1/2

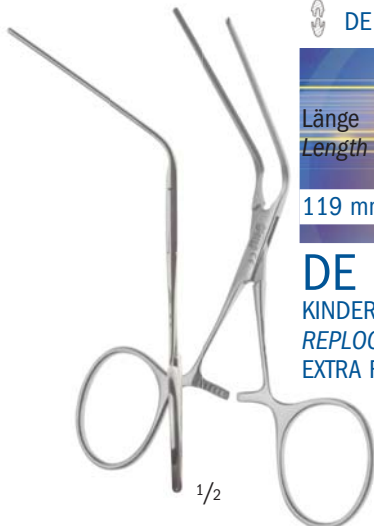
 DE BAKEY Extra Fine Grip Pediatric

1/1


Länge Length	Biegung bending	Maullänge jaw length	
119 mm, 4 11/16"	60° angle jaw	48 mm	<b>GF 2158</b>

## DE BAKEY

KINDERAORTAKLEMME  
REPLIGIE PEDIATRIC AORTA CLAMP  
EXTRA FEIN, EXTRA FINE 1,5 MM



1/2




**DE BAKEY Extra Fine Grip Pediatric** <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length	
156 mm, 6 1/8"	small jaw	40 mm	<b>GF 2161</b>
156 mm, 6 1/8"	large jaw	40 mm	<b>GF 2162</b>

**DE BAKEY**  
 SAPHENO-FEMORALIS KLEMME  
 MAINI SAPHENO-FEMORAL. JUNCTION CLAMPS  
 EXTRA FEIN, EXTRA FINE 1,5 MM

<sup>1/2</sup>



**DE BAKEY Extra Fine Grip Pediatric** <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length	
120 mm, 4 3/4"	30° angle	30 mm	<b>GF 2163</b>
115 mm, 4 9/16"	50° angle	30 mm	<b>GF 2164</b>
95 mm, 3 3/4"	90° angle	30 mm	<b>GF 2165</b>

**DEBORAH-CASTANEDA**  
 PERIPHERALE GEFÄSSKLEM MEN  
 PERIPHERAL VASCULAR CLAMPS  
 EXTRA FEIN, EXTRA FINE 1,5 MM

<sup>1/2</sup>

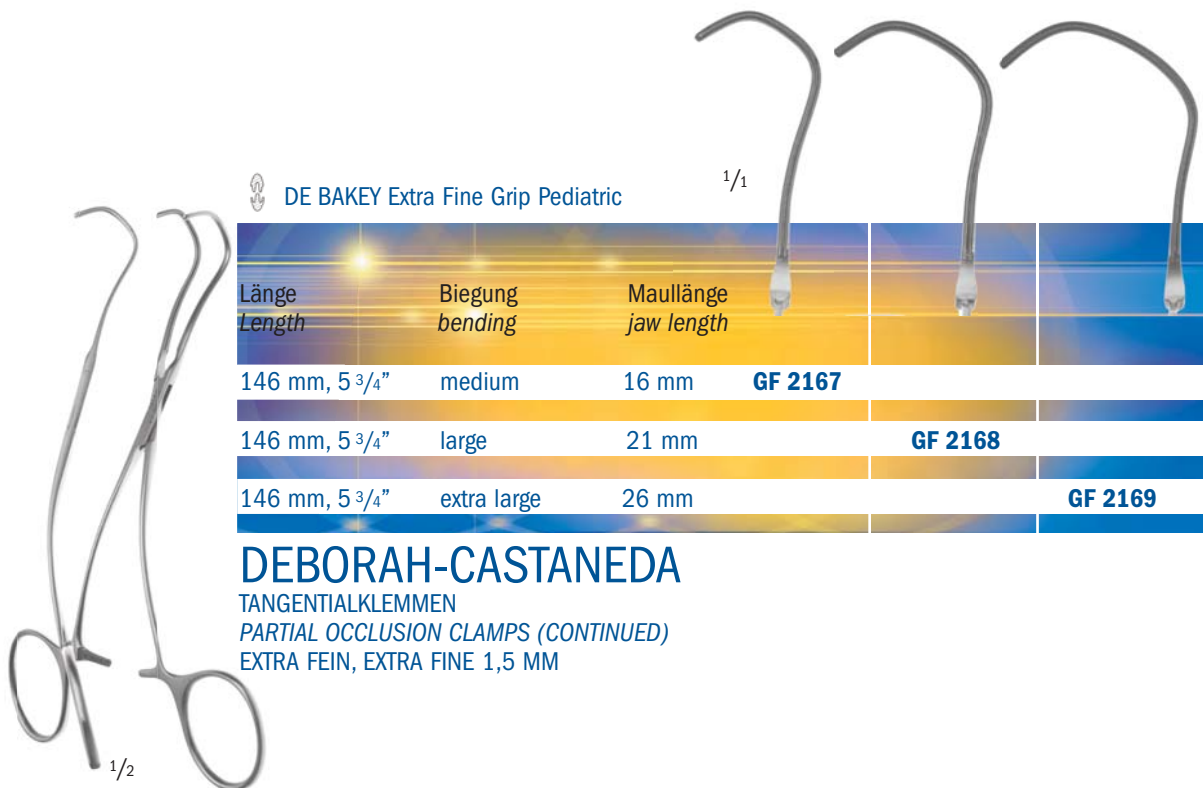


DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length	
114 mm, 4 1/2"	small	26 mm	<b>GF 2166</b>

**DEBORAH-CASTANEDA**  
TANGENTIALKLEMME  
PARTIAL OCCLUSION CLAMP  
EXTRA FEIN, EXTRA FINE 1,5 MM

<sup>1/2</sup>



DE BAKEY Extra Fine Grip Pediatric <sup>1/1</sup>

Länge Length	Biegung bending	Maullänge jaw length	
146 mm, 5 3/4"	medium	16 mm	<b>GF 2167</b>
146 mm, 5 3/4"	large	21 mm	<b>GF 2168</b>
146 mm, 5 3/4"	extra large	26 mm	<b>GF 2169</b>

**DEBORAH-CASTANEDA**  
TANGENTIALKLEMMEN  
PARTIAL OCCLUSION CLAMPS (CONTINUED)  
EXTRA FEIN, EXTRA FINE 1,5 MM

<sup>1/2</sup>





DE BAKEY Extra Fine Grip Pediatric

Länge <i>Length</i>	Biegung <i>bending</i>	Maullänge <i>jaw length</i>	
114 mm, 4 1/2"	short, small	10 mm	<b>GF 2170</b>
111 mm, 4 3/8"	short, medium	16 mm	<b>GF 2171</b>

DERRA TANGENTIALKLEMMEN  
 DERRA PARTIAL OCCLUSION CLAMPS  
 EXTRA FEIN, EXTRA FINE 1,5 MM

TANGENTIALKLEMMEN  
DERRA PARTIAL OCCLUSION CLAMPS (CONTINUED)



DE BAKEY Extra Fine Grip Pediatric

1/1

Länge Length	Biegung bending	Maullänge jaw length
114 mm, 4 1/2"	short, large	28 mm

**GF 2172**

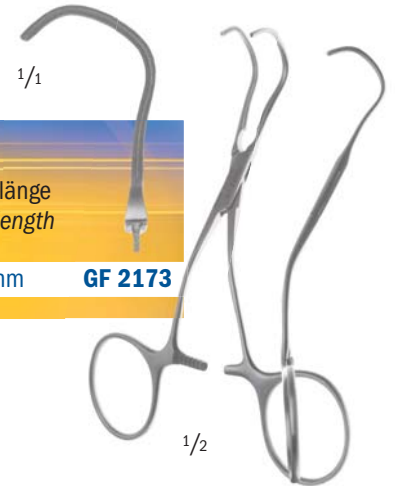


DE BAKEY Extra Fine Grip Pediatric

1/1

Länge Length	Biegung bending	Maullänge jaw length
117 mm, 4 5/8"	small, curved handle	17 mm

**GF 2173**



DE BAKEY Extra Fine Grip Pediatric

1/1

Länge Length	Biegung bending	Maullänge jaw length
120 mm, 4 3/4"	medium, curved handle	22 mm

**GF 2174**

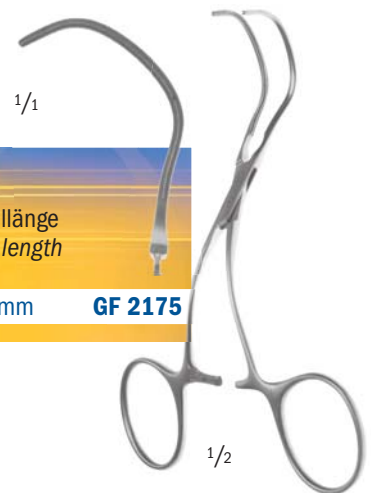


DE BAKEY Extra Fine Grip Pediatric

1/1

Länge Length	Biegung bending	Maullänge jaw length
124 mm, 4 7/8"	large, curved handle	25 mm

**GF 2175**

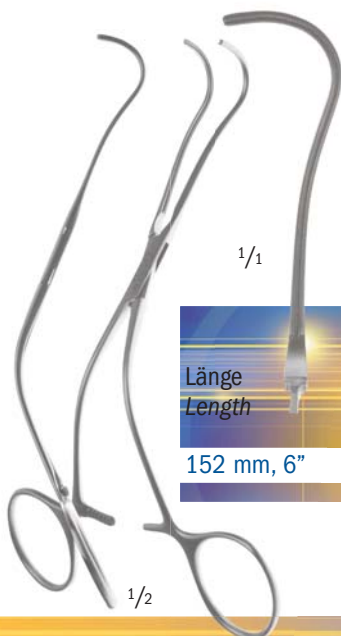


DE BAKEY Extra Fine Grip Pediatric

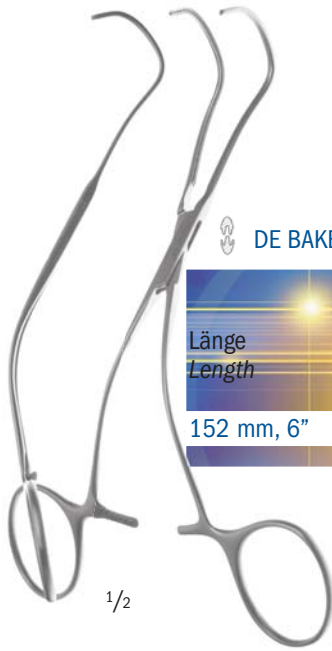
1/1

Länge Length	Biegung bending	Maullänge jaw length
152 mm, 6"	deep, small, curved handle	17 mm

**GF 2176**



TANGENTIALKLEMMEN  
 DERRA PARTIAL OCCLUSION CLAMPS (CONTINUED)

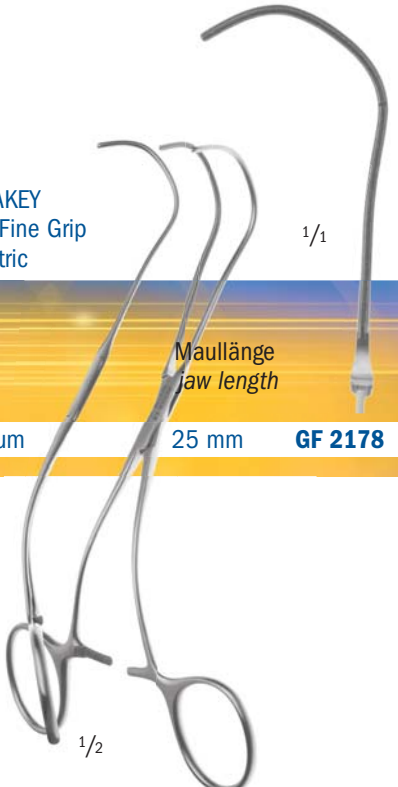


DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	Mauillänge jaw length
152 mm, 6"	deep, medium, curved handle	22 mm

**GF 2177**

1/1



DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	Mauillänge jaw length
159 mm, 6 1/2"	deep, medium	25 mm

**GF 2178**

1/1



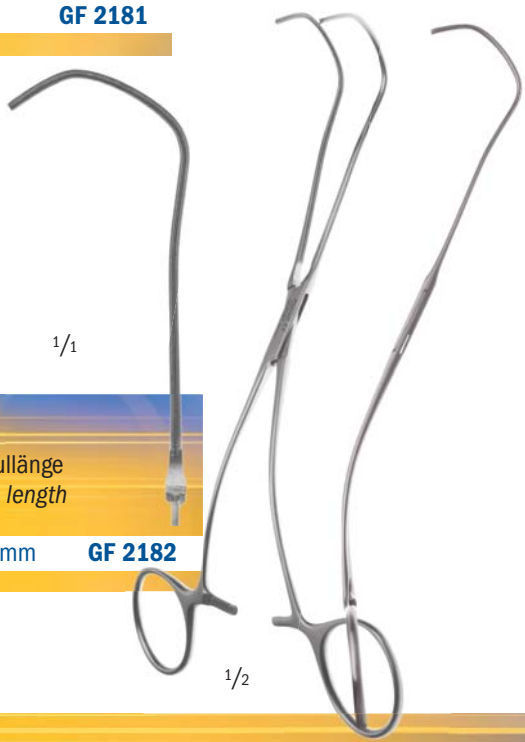
DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	Mauillänge jaw length
178 mm, 7"	deep, small	18 mm
178 mm, 7"	deep, medium	20 mm

**GF 2179**  
**GF 2181**

1/1

1/2



DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	Mauillänge jaw length
184 mm, 7 1/4"	deep, large	25 mm

**GF 2182**

1/1

1/2

EXTRA FEIN, EXTRA FINE 1,5 MM

TANGENTIALKLEMMEN  
PARTIAL OCCLUSION CLAMPS

DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	Mauillänge jaw length
114 mm, 4 1/2"	small	13 mm

GF 2183

DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	Mauillänge jaw length
114 mm, 4 1/2"	medium	20 mm

GF 2184

DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	Mauillänge jaw length
114 mm, 4 1/2"	large	24 mm

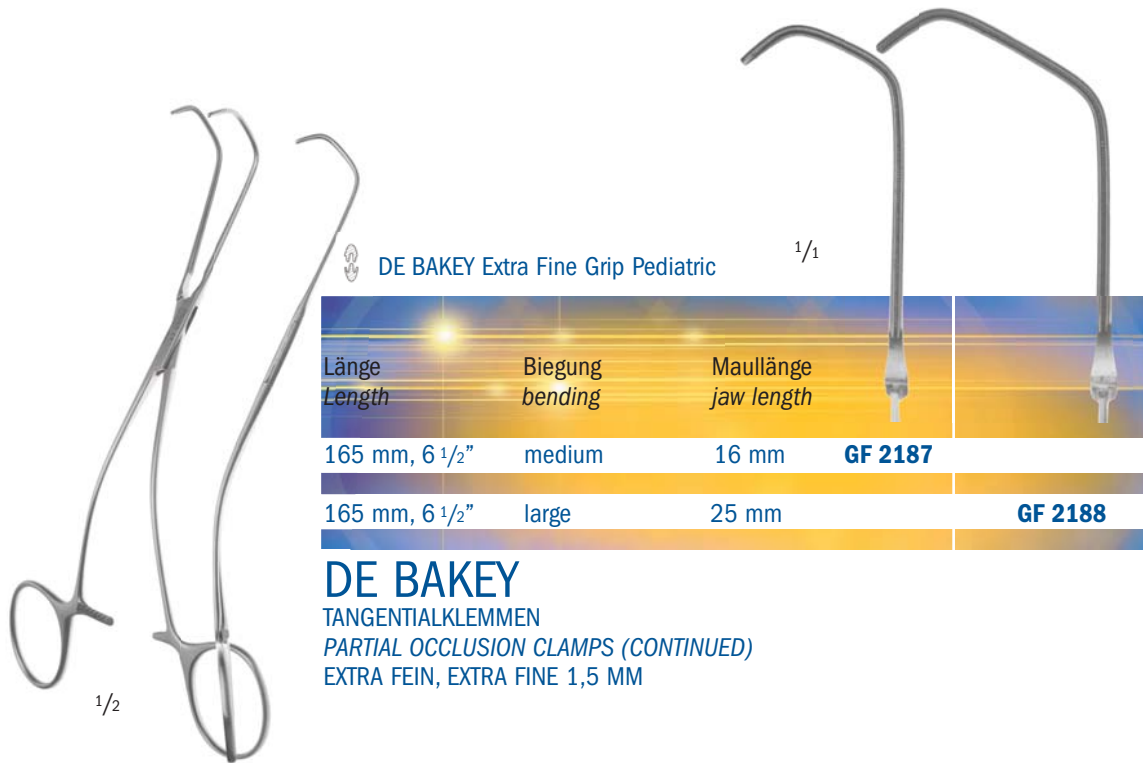
GF 2185

DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	Mauillänge jaw length
165 mm, 6 1/2"	small	15 mm

GF 2186

**DE BAKEY**  
EXTRA FEIN, EXTRA FINE 1,5 MM



DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	Maullänge jaw length	
165 mm, 6 1/2"	medium	16 mm	<b>GF 2187</b>
165 mm, 6 1/2"	large	25 mm	<b>GF 2188</b>

**DE BAKEY**  
TANGENTIALKLEMMEN  
PARTIAL OCCLUSION CLAMPS (CONTINUED)  
EXTRA FEIN, EXTRA FINE 1,5 MM



COOLEY

Länge Length	Maullänge jaw length	
171 mm, 6 3/4"	17 mm	<b>GF 2191</b>

**COOLEY**  
ANASTOMOSENKLEMME  
ANASTOMOSIS CLAMP  
EXTRA FEIN, EXTRA FINE 1,5 MM

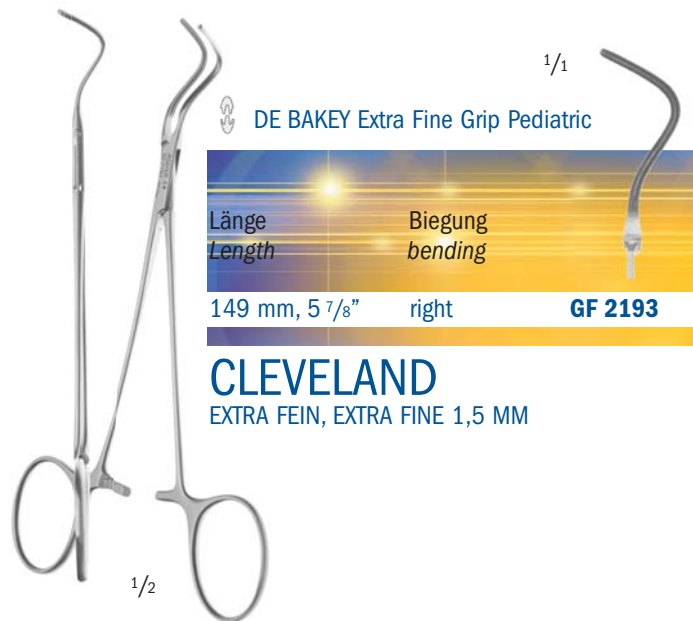
NEONATAL RENALKLEMMEN  
CLINIC BABY RENAL CLAMPS



DE BAKEY Extra Fine Grip Pediatric

Länge Length	Biegung bending	
149 mm, 5 7/8"	left	<b>GF 2192</b>

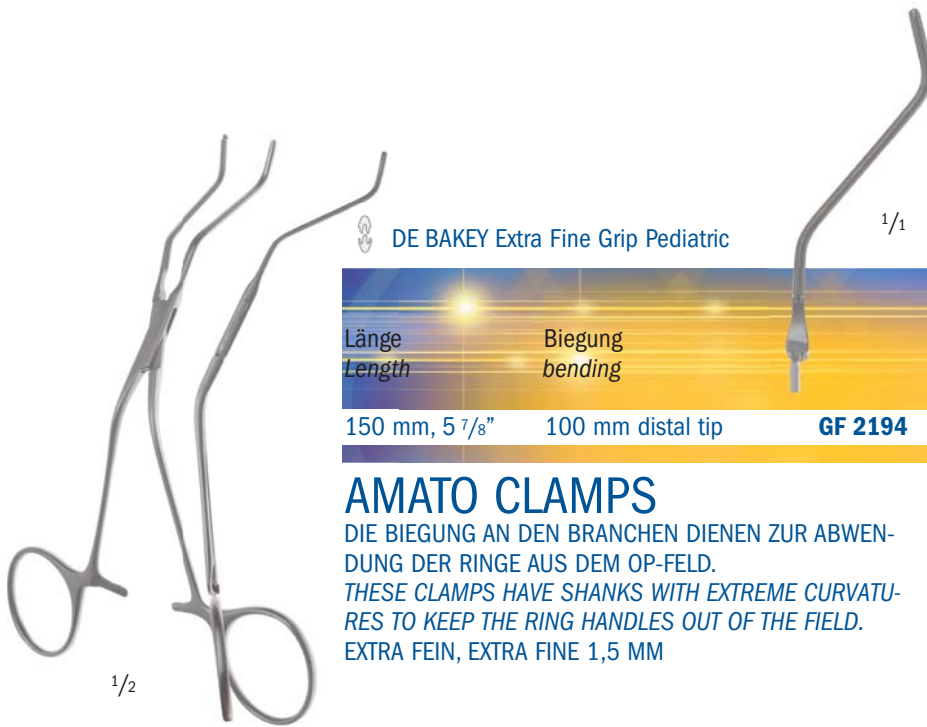
**CLEVELAND**  
EXTRA FEIN, EXTRA FINE 1,5 MM

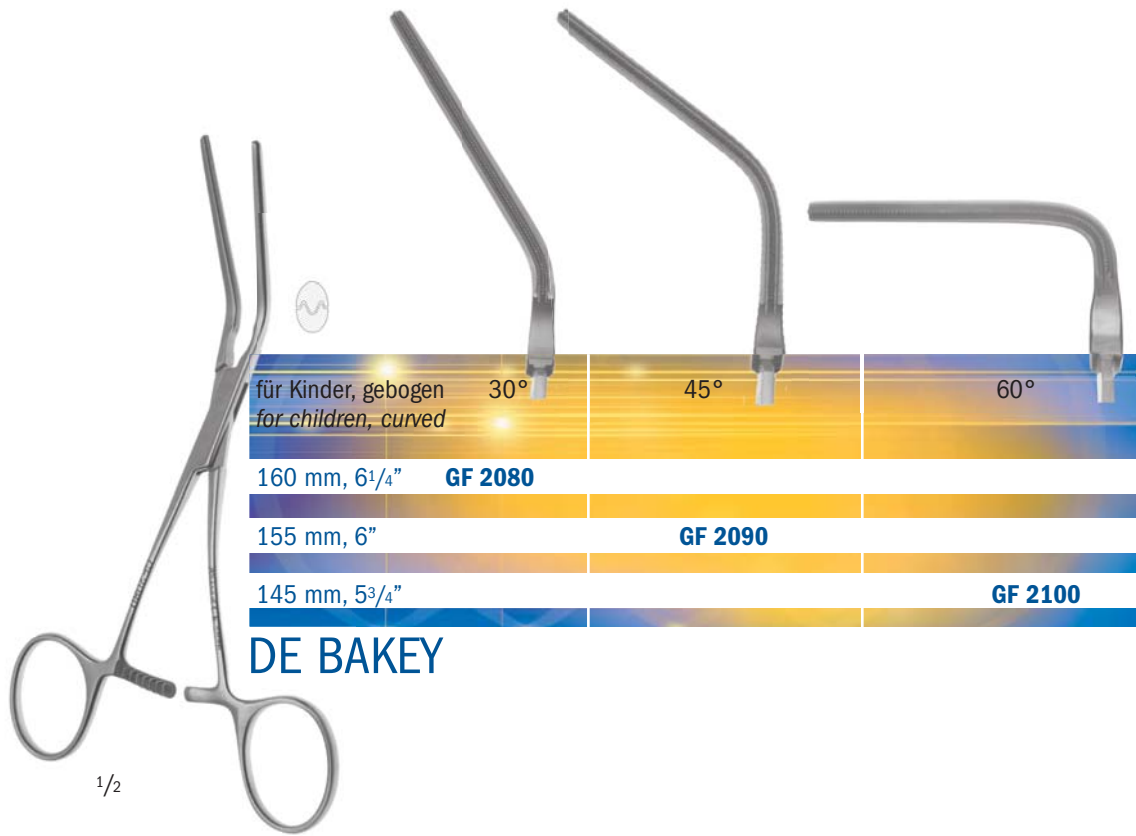


DE BAKEY Extra Fine Grip Pediatric

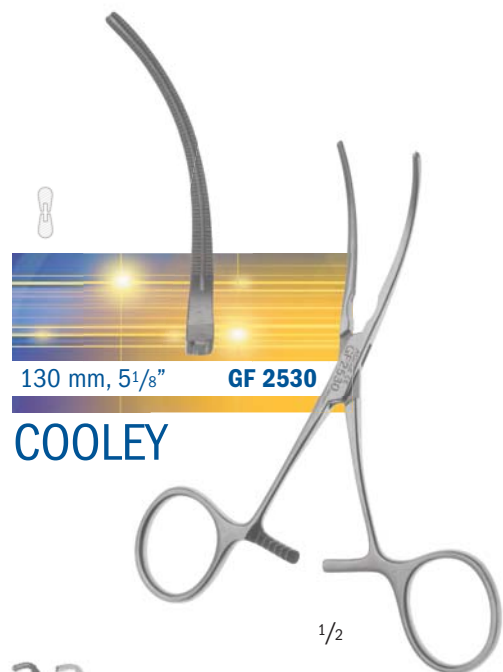
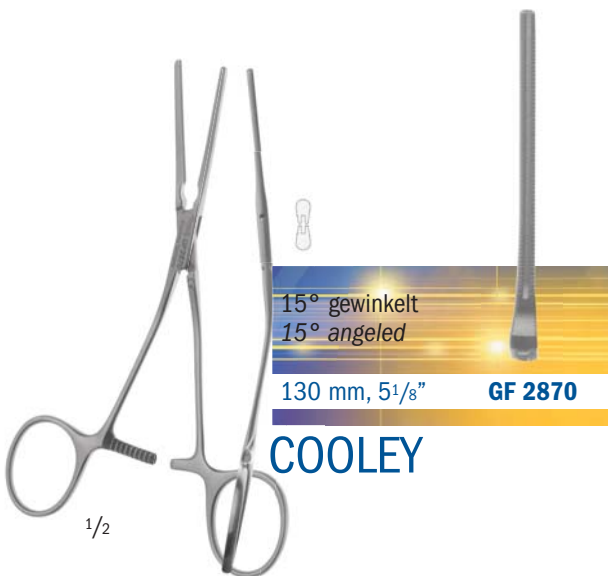
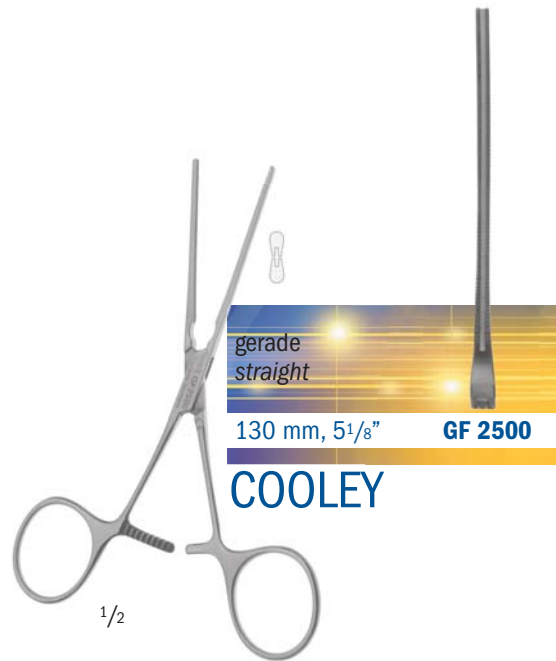
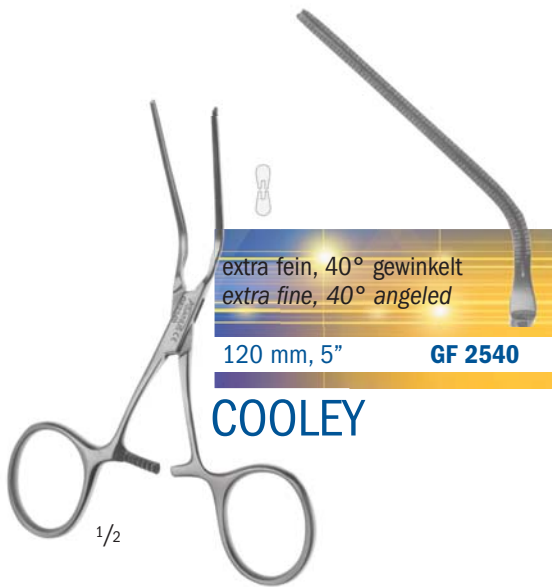
Länge Length	Biegung bending	
149 mm, 5 7/8"	right	<b>GF 2193</b>

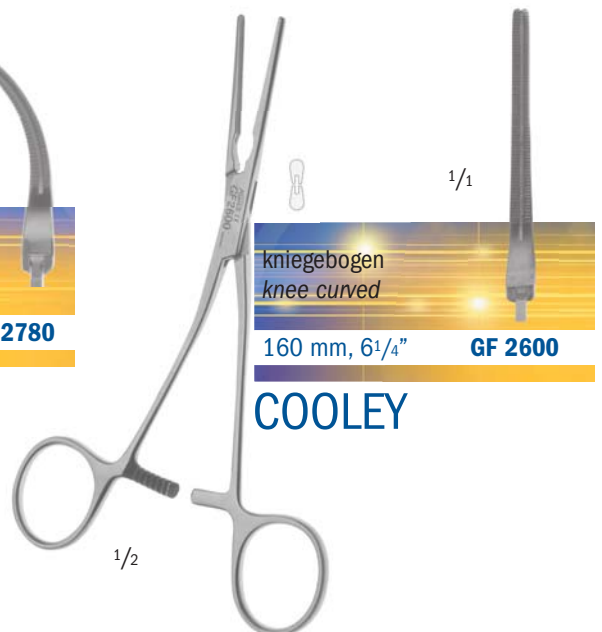
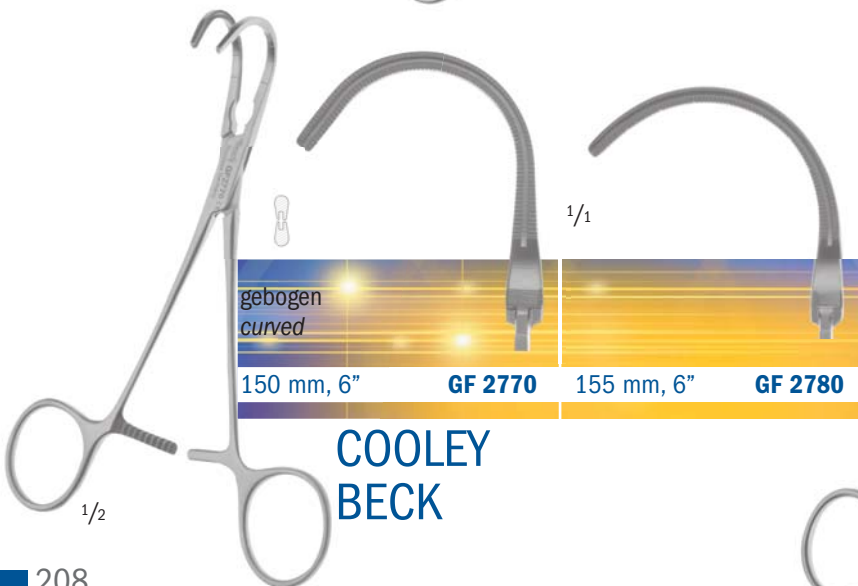
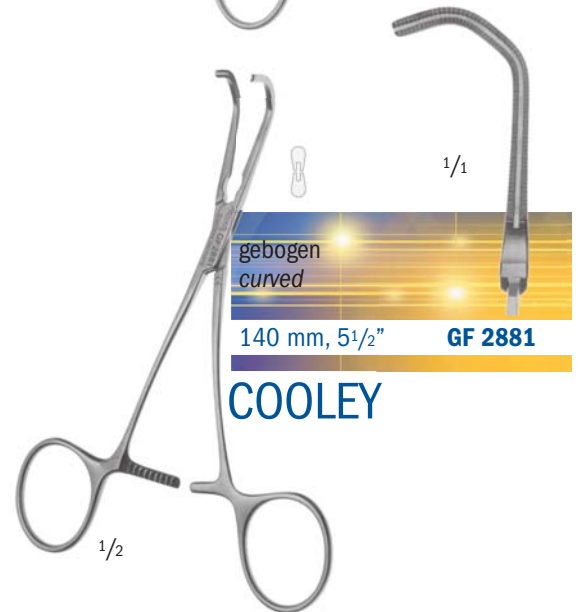
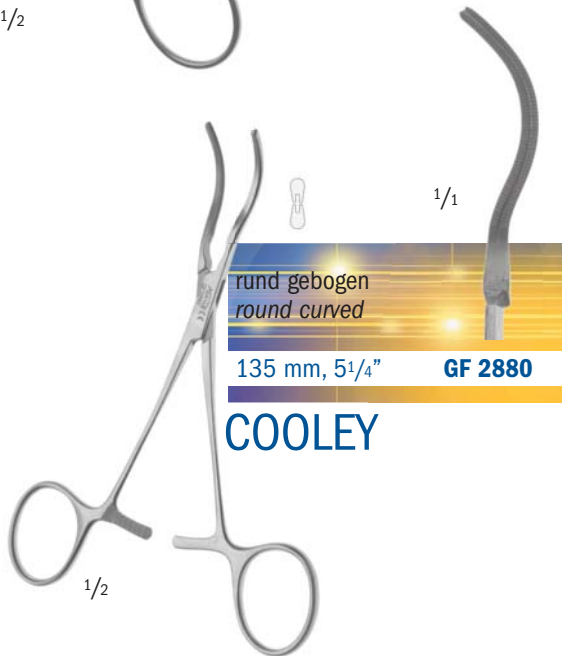
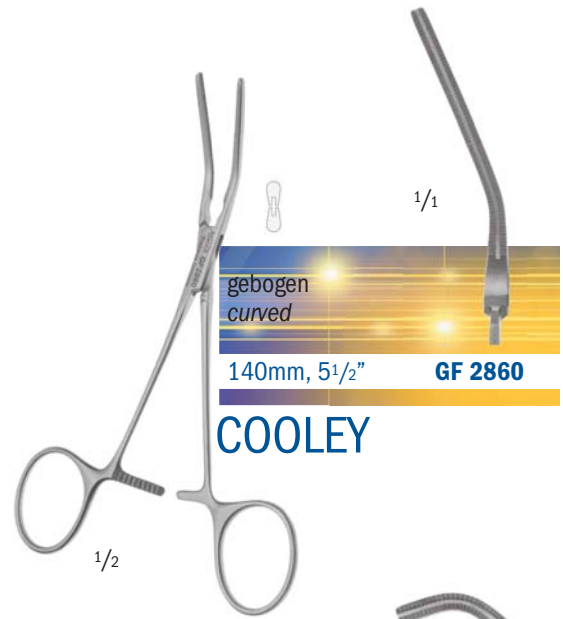
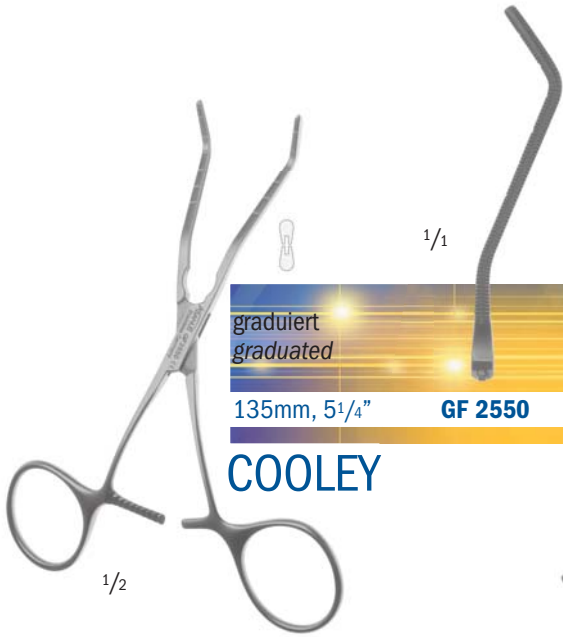
**CLEVELAND**  
EXTRA FEIN, EXTRA FINE 1,5 MM

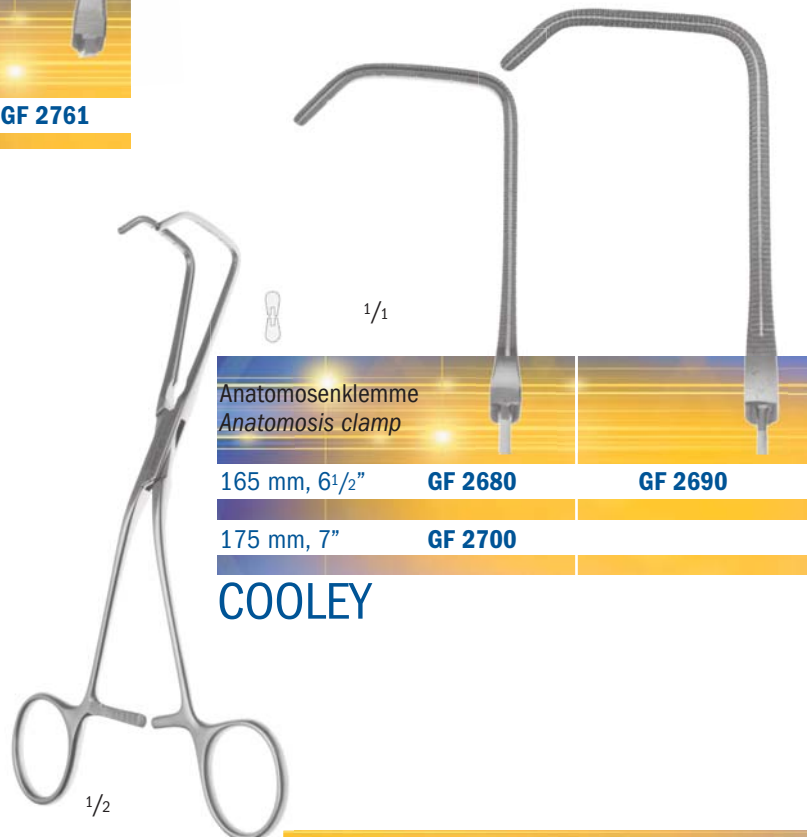
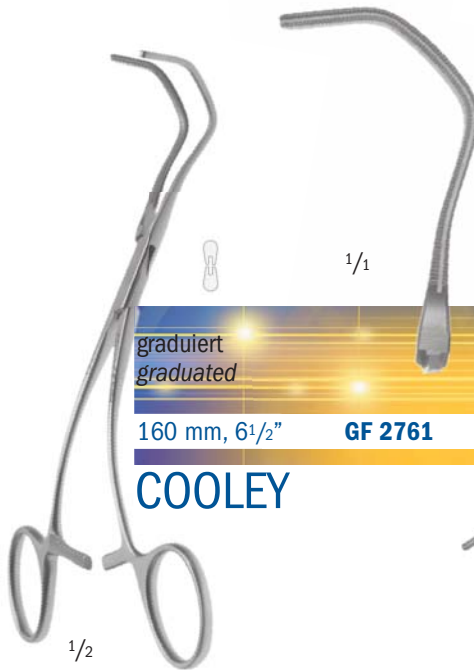
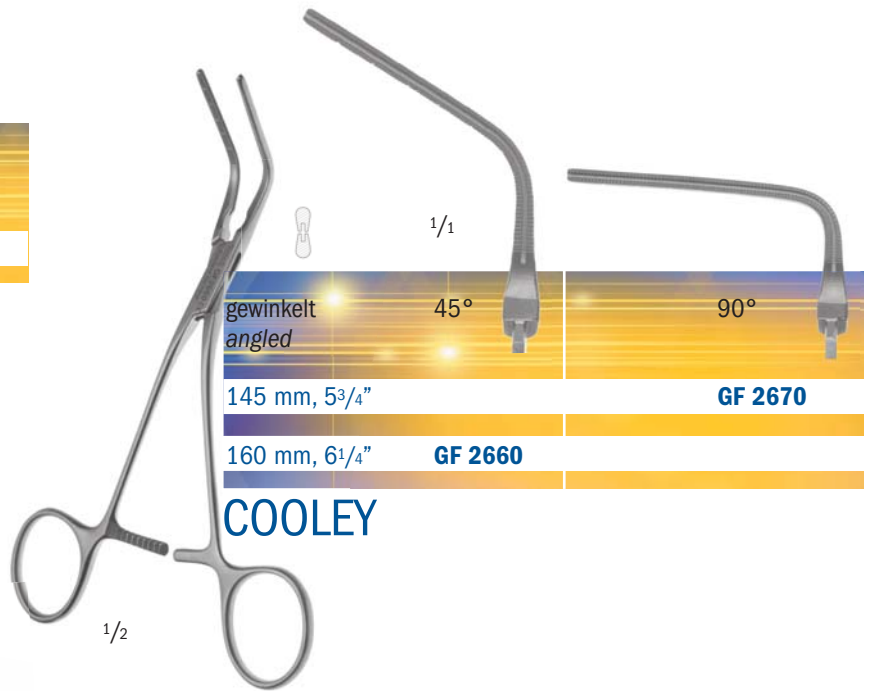
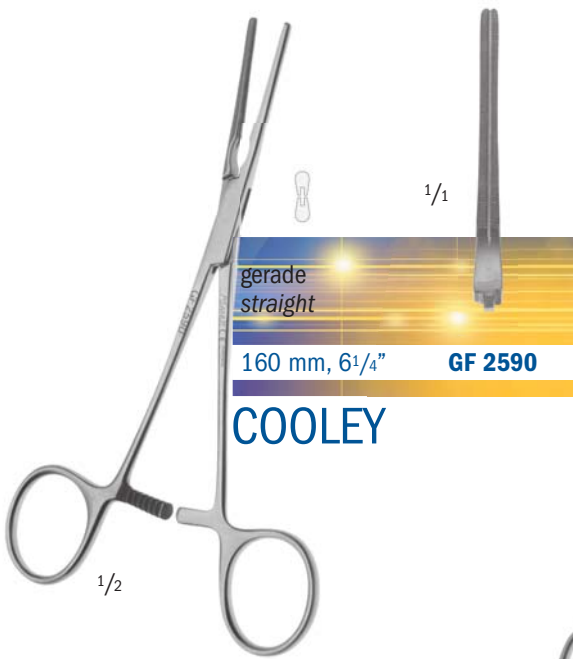


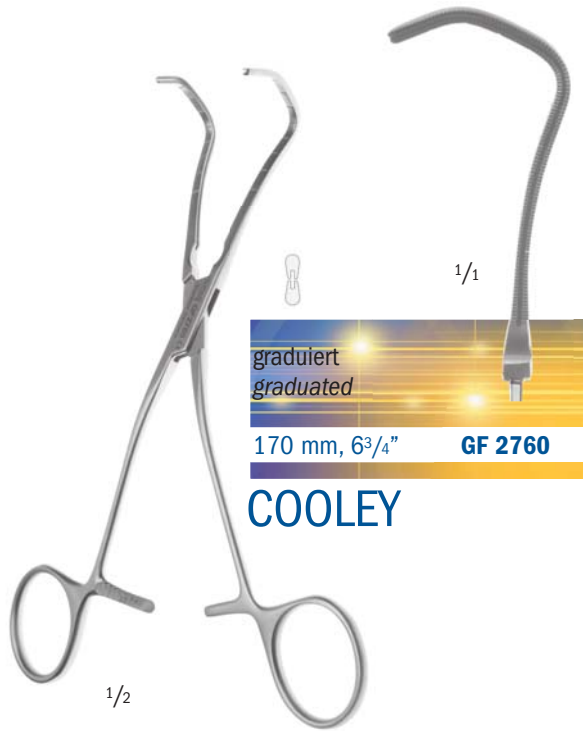




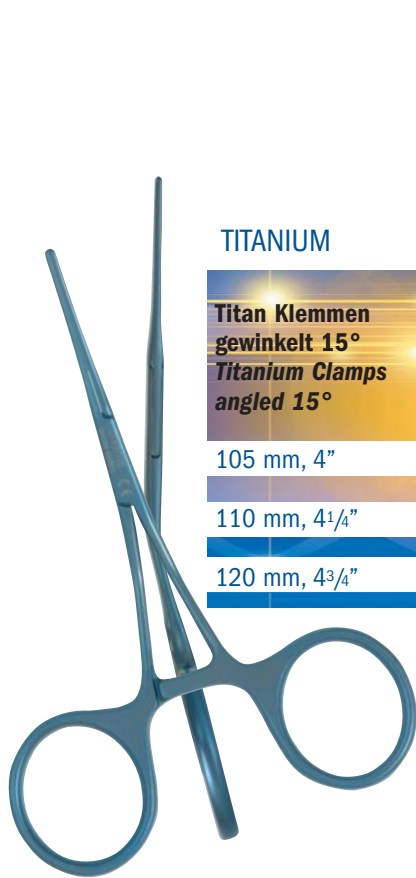








 DE BAKEY Extra Fine Grip Pediatric

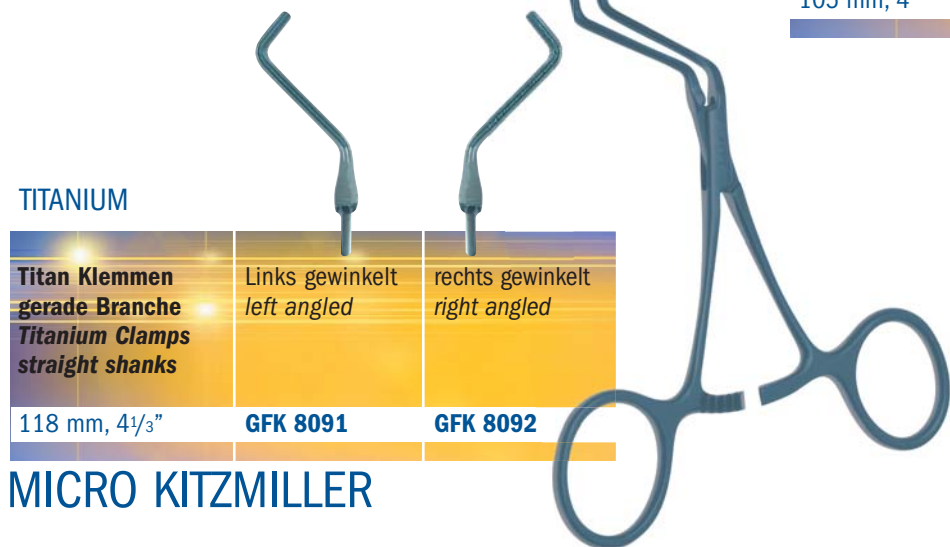


TITANIUM

<b>Titan Klemmen gewinkelt 15° Titanium Clamps angled 15°</b>	24 mm gerade 24 mm straight	45° gewinkelt 45° angled 24 mm	60° gewinkelt 60° angled	5 mm 5 mm	9 mm 9 mm
	105 mm, 4"	GFK 8019		GFK 8020	
110 mm, 4 <sup>1</sup> / <sub>4</sub> "	GFK 8018			GFK 8022	
120 mm, 4 <sup>3</sup> / <sub>4</sub> "	GFK 8017				

MICRO PEDRIATIC DE BAKEY

 DE BAKEY Extra Fine Grip Pediatric



TITANIUM

<b>Titan Klemmen gerade Branche Titanium Clamps straight shanks</b>	Links gewinkelt left angled	rechts gewinkelt right angled
	118 mm, 4 <sup>1</sup> / <sub>3</sub> "	GFK 8091

<b>Titan Klemmen gerade Titanium Clamps straight</b>	6 mm Löffelmaul 6 mm Spoon Jaws
105 mm, 4"	GFK 8021

MICRO KITZMILLER



TITANIUM

205 mm, 8<sup>1</sup>/<sub>4</sub>" **GFK 8400**

**LAMBERT-KAY  
COOLEY**

1/2

TITANIUM

1/1

gewinkelt  
angled

30°

60°

90°

150 mm, 6"

**GFK 8053**

160 mm, 6<sup>1</sup>/<sub>4</sub>"

**GFK 8052**

170 mm, 6<sup>3</sup>/<sub>4</sub>"

**GFK 8051**

**COOLEY**

TITANIUM

1/1

Fig.1

Fig.2

Fig.3

165 mm, 6<sup>1</sup>/<sub>2</sub>"

**GFK 8054**

170 mm, 6<sup>3</sup>/<sub>4</sub>"

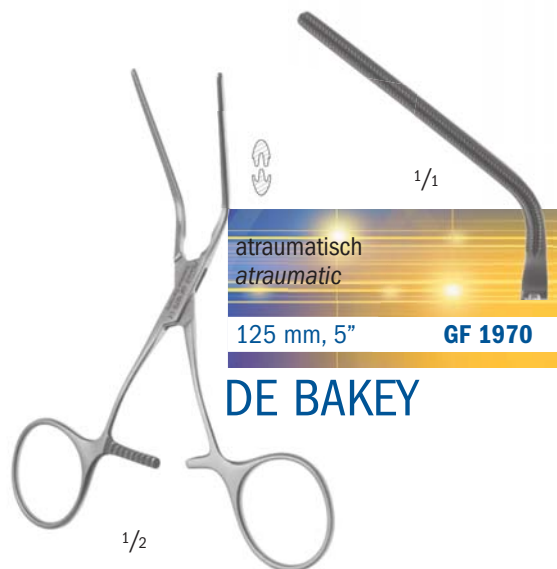
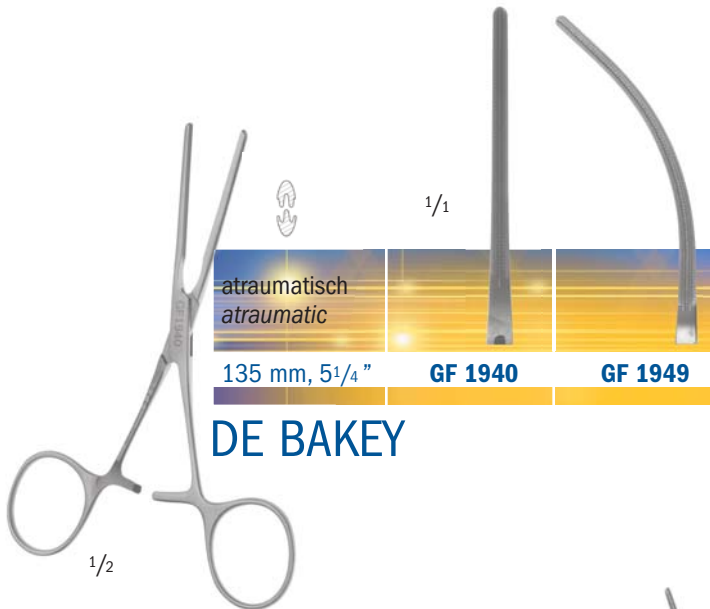
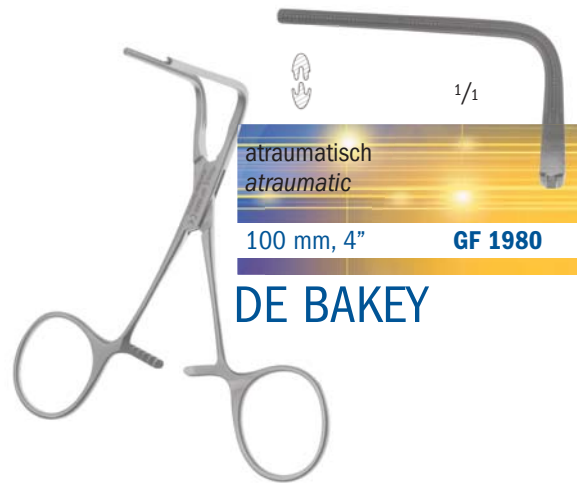
**GFK 8055**

180 mm, 7"

**GFK 8056**

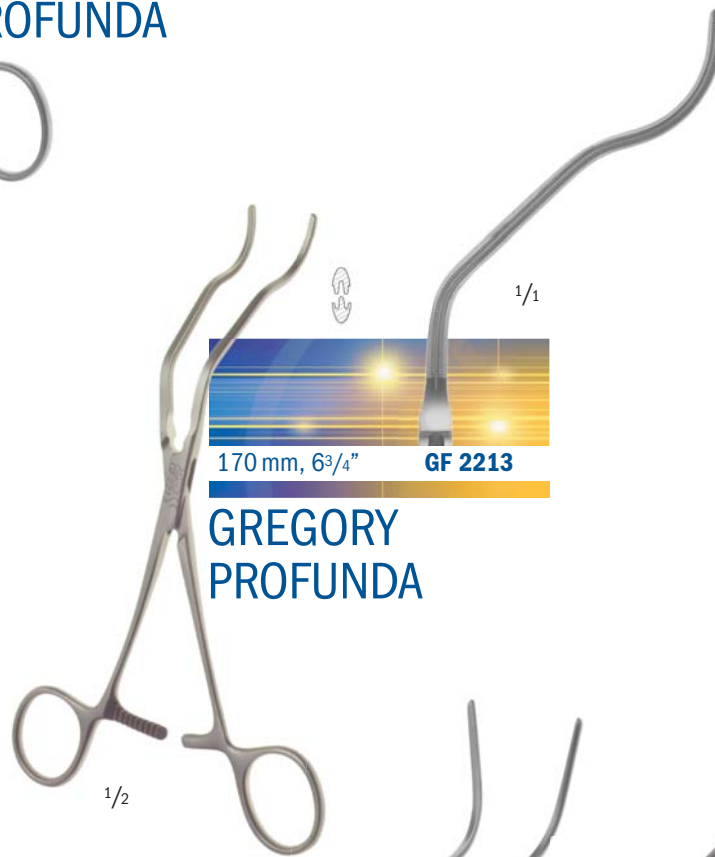
**DERRA DE BAKEY**

1/2

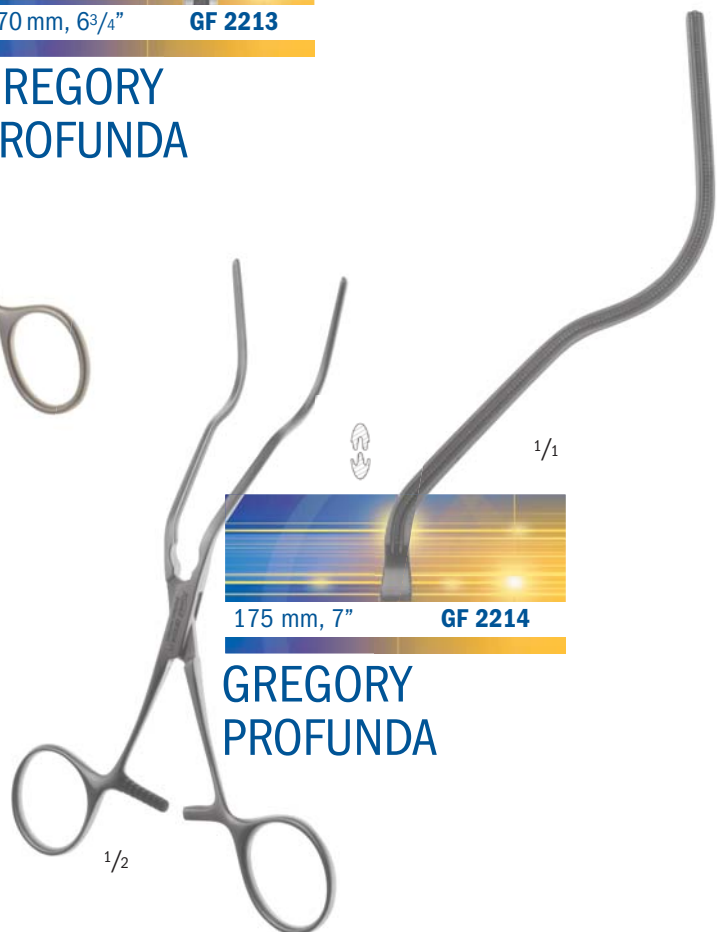




**GREGORY  
PROFUNDA**

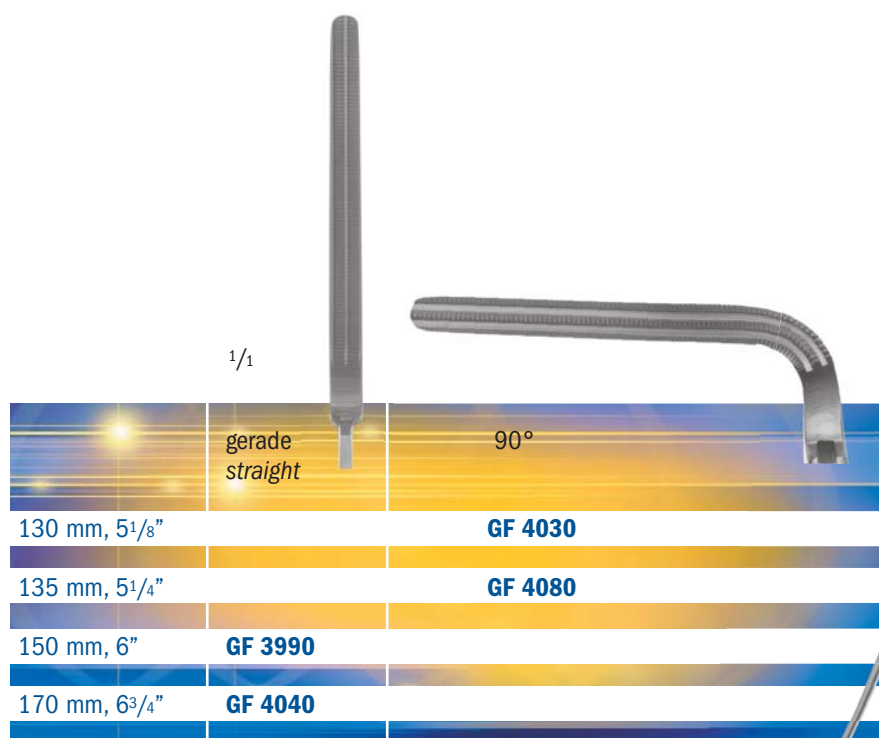


**GREGORY  
PROFUNDA**



**GREGORY  
PROFUNDA**





## DARDIK

PERIPHERALKLEMMEN soft elastisch  
 PERIPHERAL VASCULAR CLAMPS soft elastic

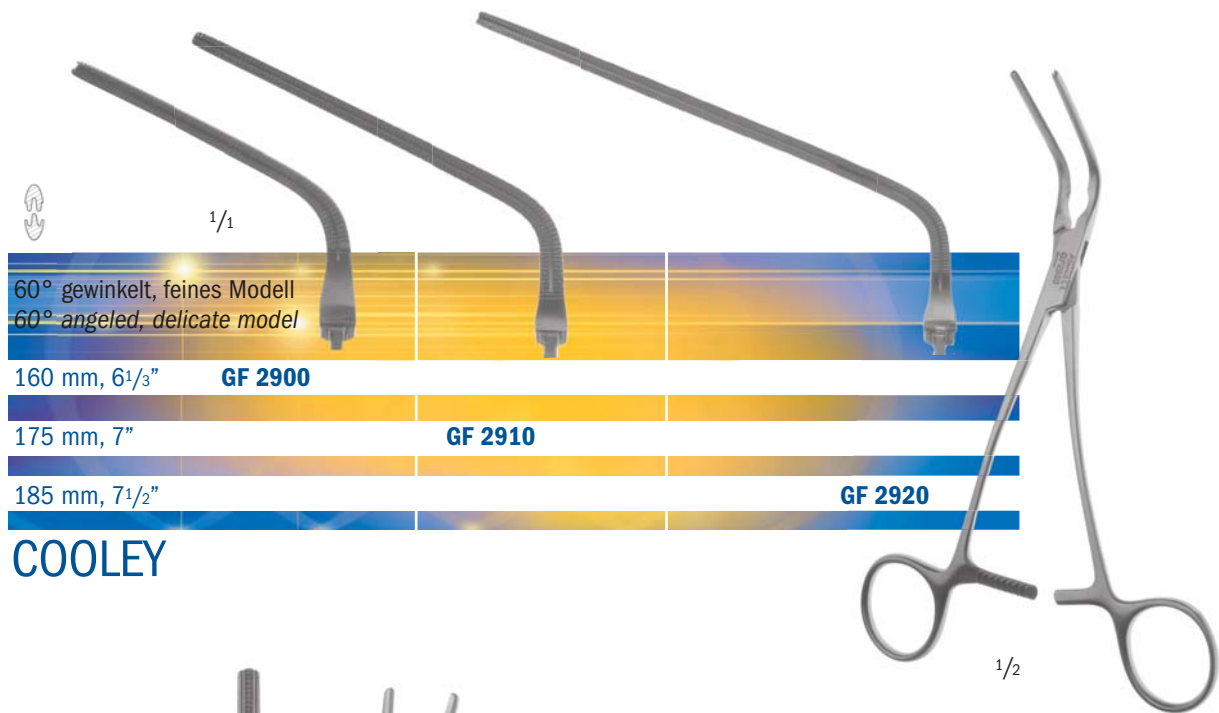
Die DARDIK Maulform ist eine 2 x 3 ineinander liegende atraumatische Zahnung.

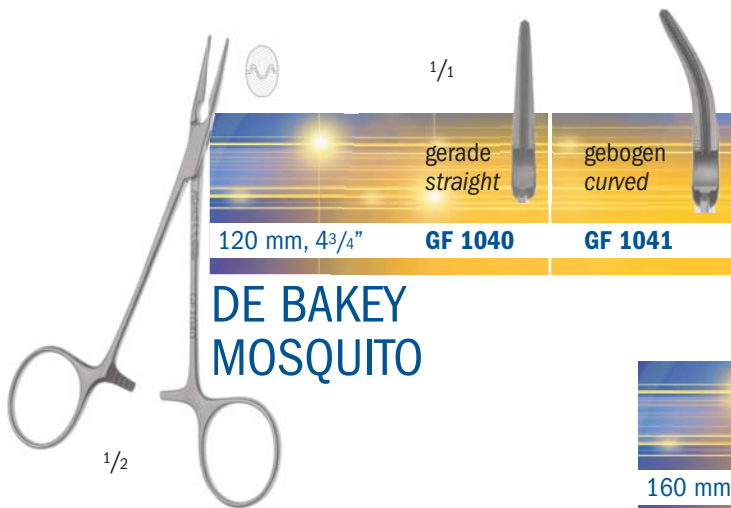
Die Maulform ist sehr flach gehalten, um eine optimale Elastizität beim Klemmen zu erzielen.

Diese Klemme wird häufig bei stark erkrankten, geschwächten und brüchigen Gefäßen, sowie in der Urologie, eingesetzt.

*DARDIK serration type consist of 2 x 3 serrations with a flat thin elastic clamp form.*

*These type of clamps are been often used for strong defects of vessels and in the urology surgery.*

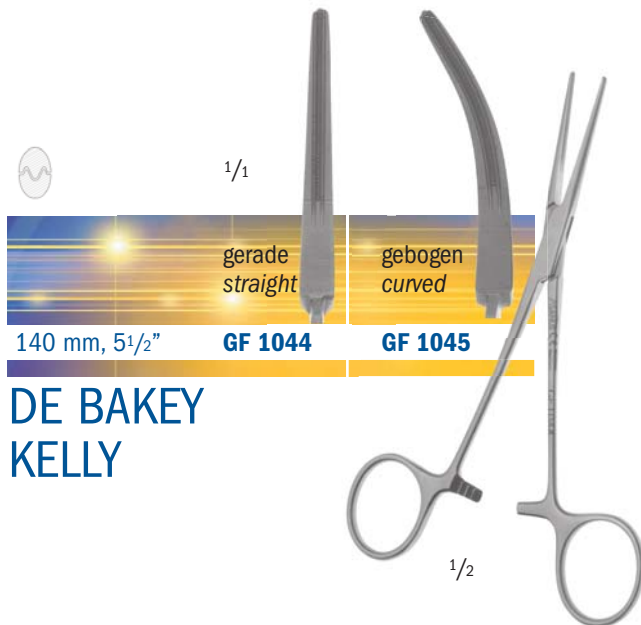




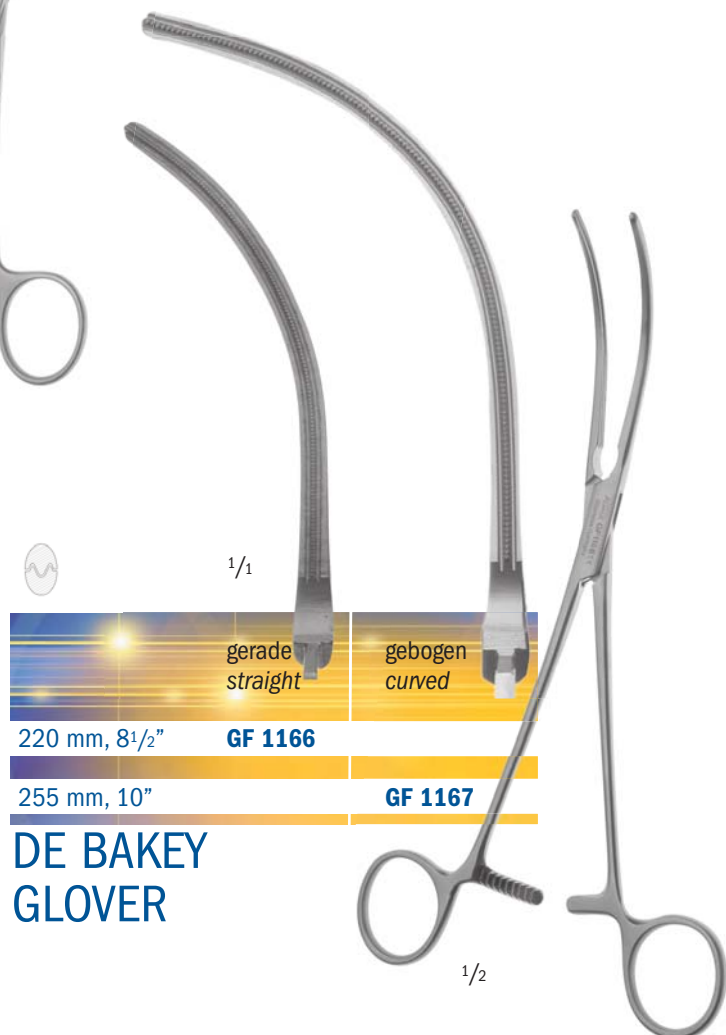
**DE BAKEY  
MOSQUITO**



**DE BAKEY  
RANKIN**



**DE BAKEY  
KELLY**



**DE BAKEY  
GLOVER**



1/1

gerade  
straight

170 mm, 6<sup>3</sup>/<sub>4</sub>"

**GF 2610**

**COOLEY**



1/2



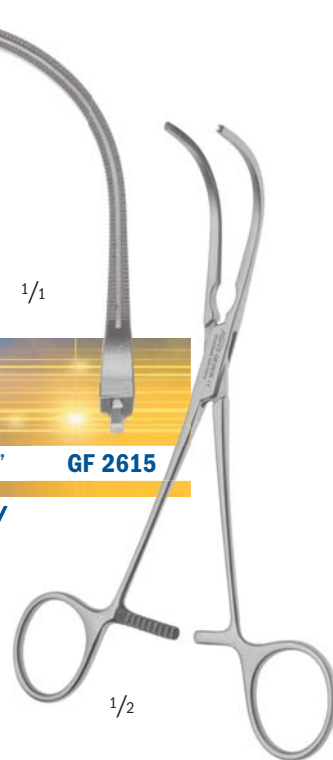
1/1

gebogen  
curved

170 mm, 6<sup>3</sup>/<sub>4</sub>"

**GF 2615**

**COOLEY**



1/2



1/1

gerade  
straight

165 mm, 6<sup>1</sup>/<sub>2</sub>"

**GF 1048**

185 mm, 7<sup>1</sup>/<sub>4</sub>"

**GF 1052**

205 mm, 8"

**GF 1850**

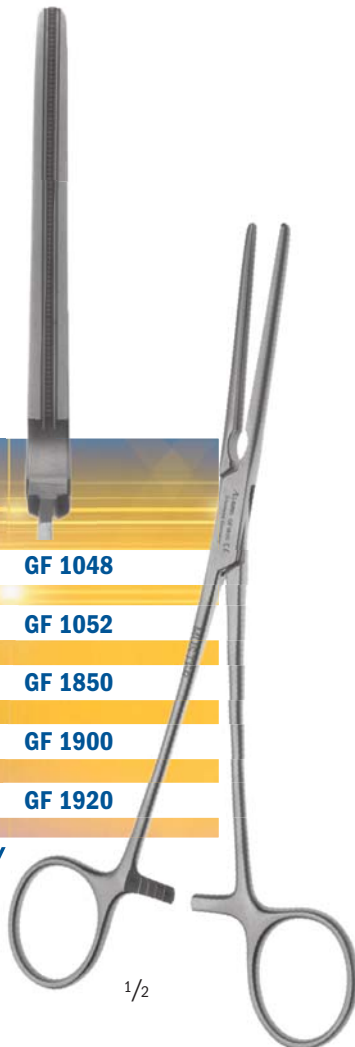
260 mm, 10<sup>1</sup>/<sub>4</sub>"

**GF 1900**

285 mm, 11"

**GF 1920**

**DE BAKEY  
PEAN**



1/2



1/1

gebogen  
curved

165 mm, 6<sup>1</sup>/<sub>2</sub>"

**GF 1049**

185 mm, 7<sup>1</sup>/<sub>4</sub>"

**GF 1053**

205 mm, 8"

**GF 1860**

260 mm, 10<sup>1</sup>/<sub>4</sub>"

**GF 1911**

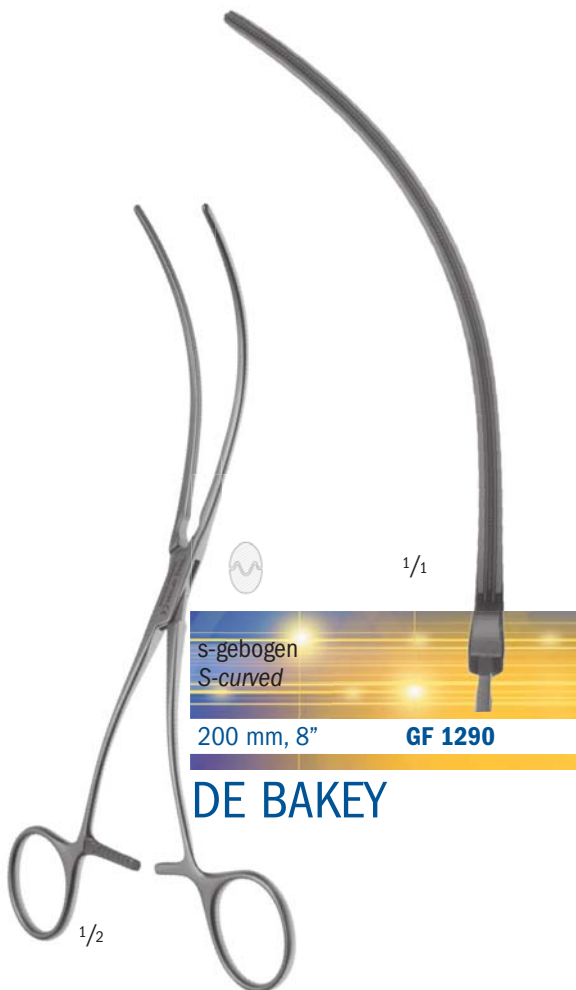
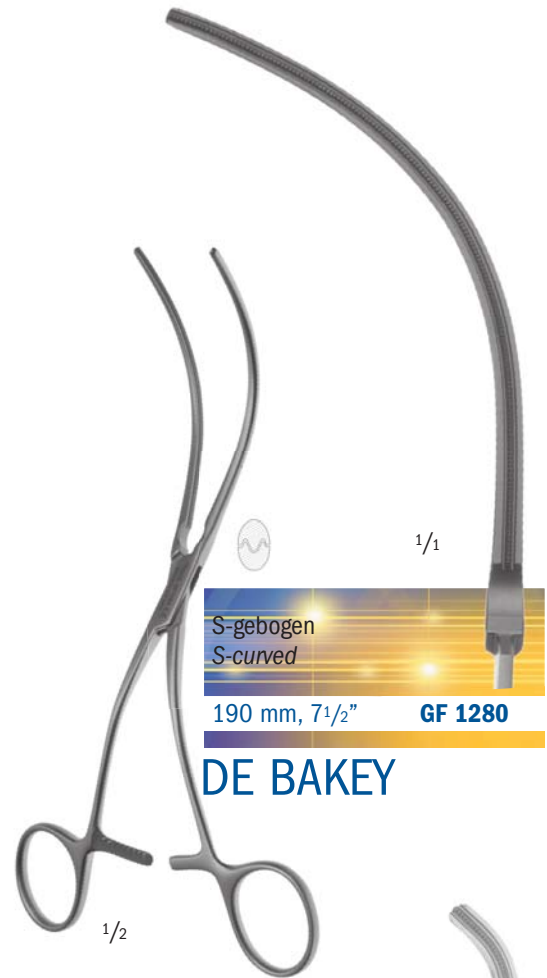
280 mm, 11"

**GF 1930**

**DE BAKEY  
PEAN**



1/2

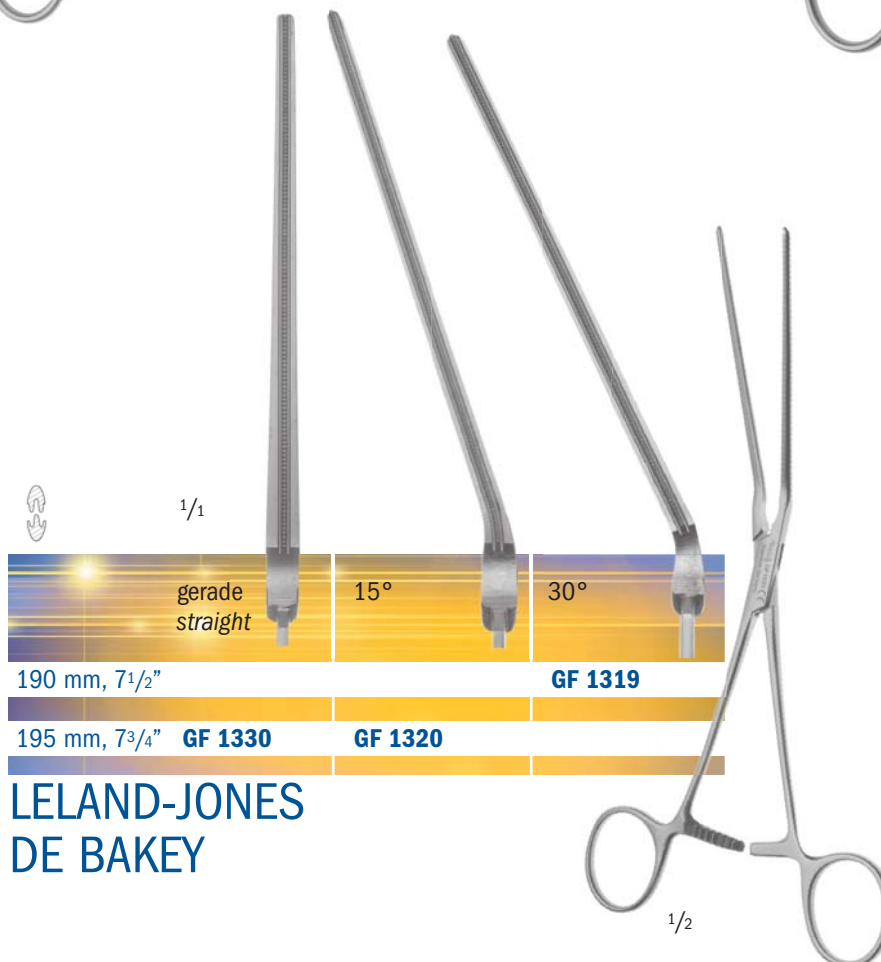
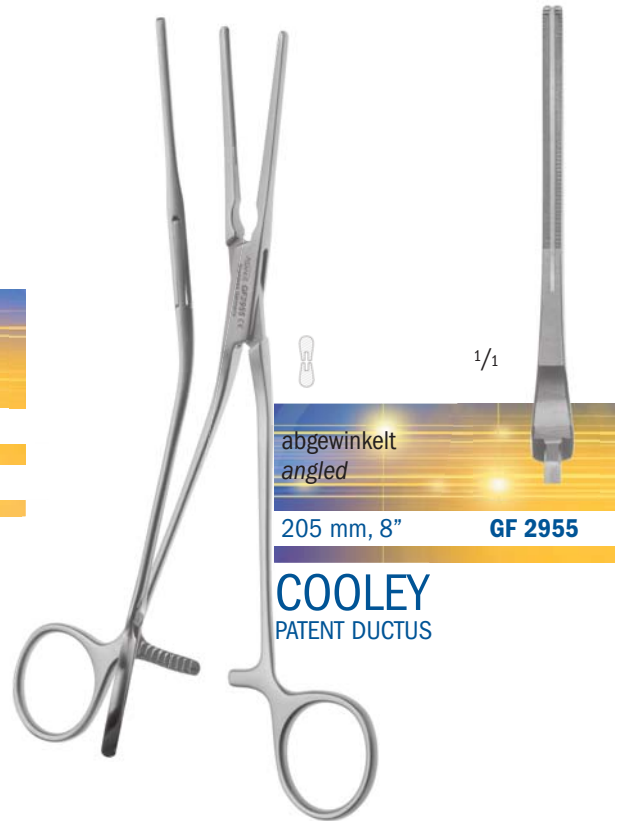
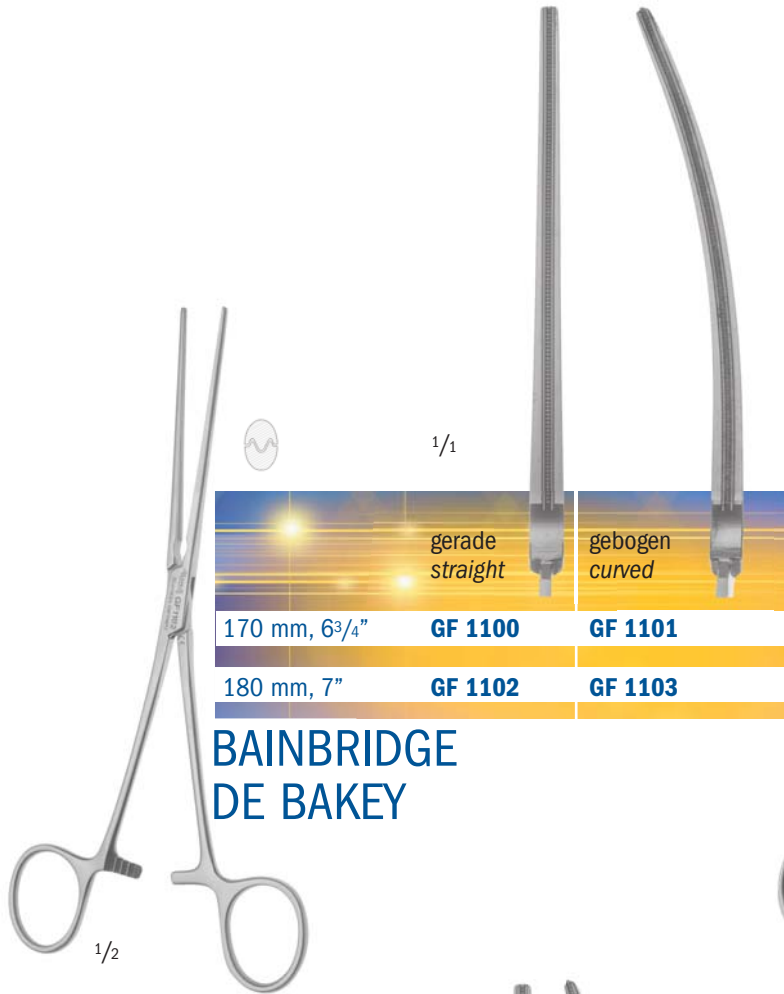


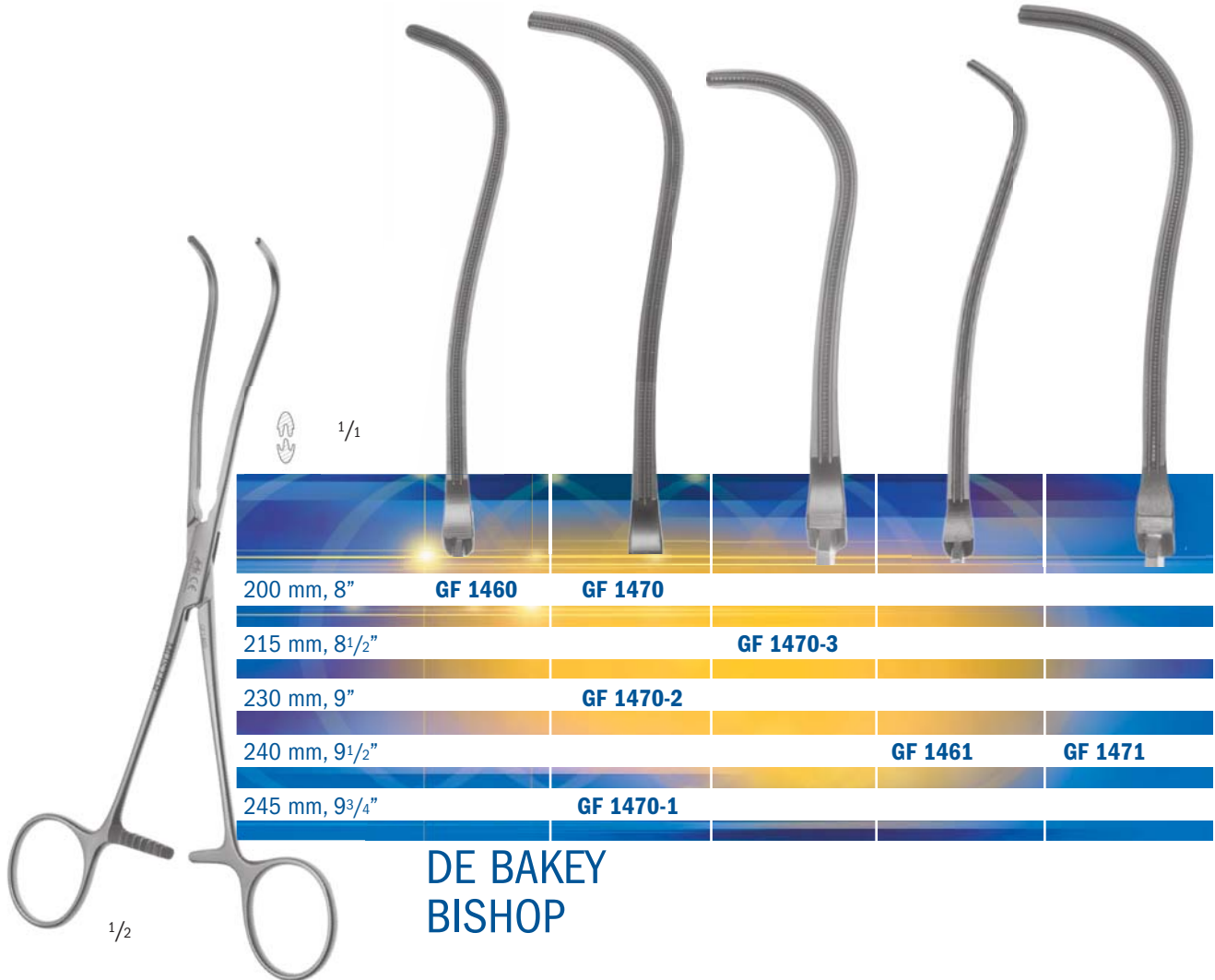


**DE BAKEY**



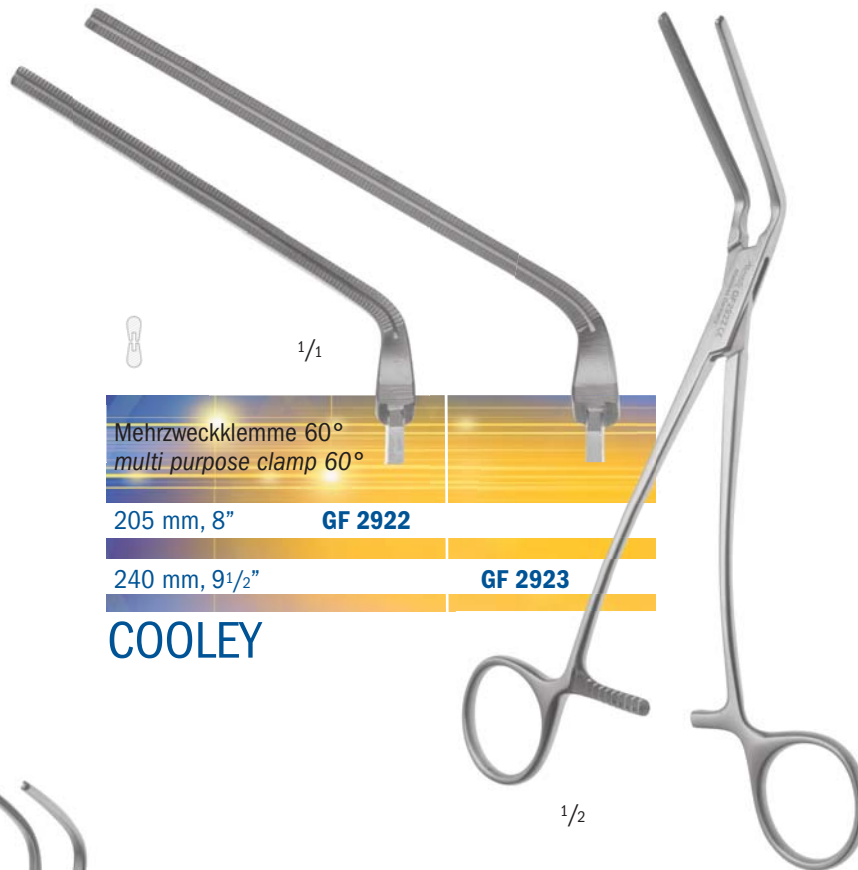
**LELAND-JONES  
DE BAKEY**











Mehrzweckklemme 60°  
multi purpose clamp 60°

205 mm, 8" **GF 2922**

240 mm, 9 1/2" **GF 2923**

**COOLEY**



Ligaturklemme  
ligature clamp

215 mm, 8 1/4" **GF 1589**

285 mm, 11 1/4" **GF 1590**

**DE BAKEY MIXTER**



Anastomosenklemme Anastomosis clamp	klein small	mittel medium	groß large
165 mm, 6 <sup>1</sup> / <sub>2</sub> "	<b>GF 2040</b>		
170 mm, 6 <sup>3</sup> / <sub>4</sub> "		<b>GF 2050</b>	
175 mm, 7"			<b>GF 2060</b>
205 mm, 8"	<b>GF 2041</b>		
210 mm, 8 <sup>1</sup> / <sub>4</sub> "		<b>GF 2051</b>	<b>GF 2061</b>
235 mm, 9 <sup>1</sup> / <sub>4</sub> "	<b>GF 2042</b>	<b>GF 2052</b>	<b>GF 2062</b>

**DE BAKY  
DERRA**



Anastomosenklemme  
Anastomosis clamp

170 mm, 6<sup>3</sup>/<sub>4</sub>" **GF 2070**

**DE BAKY**



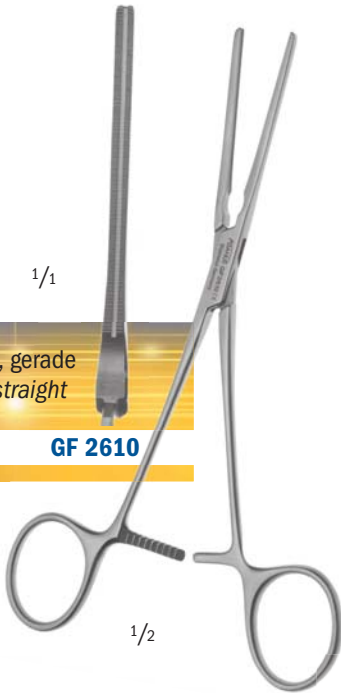
1/1

Coarctationsklemme, gerade  
Coarctation clamp, straight

170 mm, 6<sup>3</sup>/<sub>4</sub>"

**GF 2610**

**COOLEY**



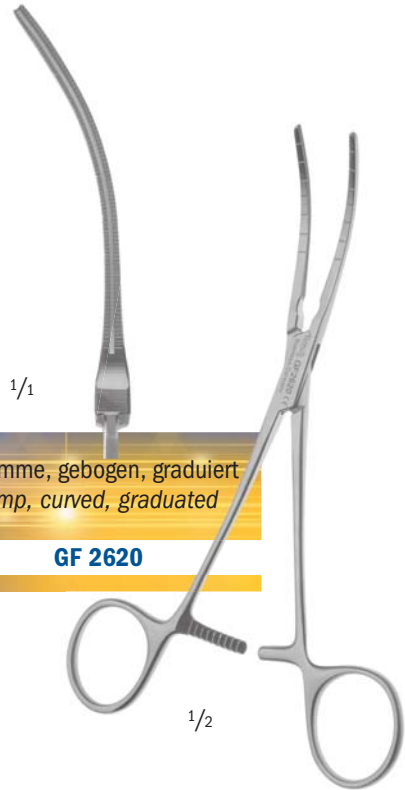
1/1

Coarctationsklemme, gebogen, graduiert  
Coarctation clamp, curved, graduated

170 mm, 6<sup>3</sup>/<sub>4</sub>"

**GF 2620**

**COOLEY**



1/1

Coarctationsklemme, gebogen  
Coarctation clamp, curved

170 mm, 6<sup>3</sup>/<sub>4</sub>"

**GF 2630**

**COOLEY**



1/1

gebogen  
angled

graduiert  
graduated

165 mm, 6<sup>1</sup>/<sub>2</sub>"

**GF 2720**

175 mm, 7"

**GF 2730**

**GF 2740**

**COOLEY DERRA**



1/2



DE BAKEY 2x3

1/1

atraumatisch  
*atraumatic*

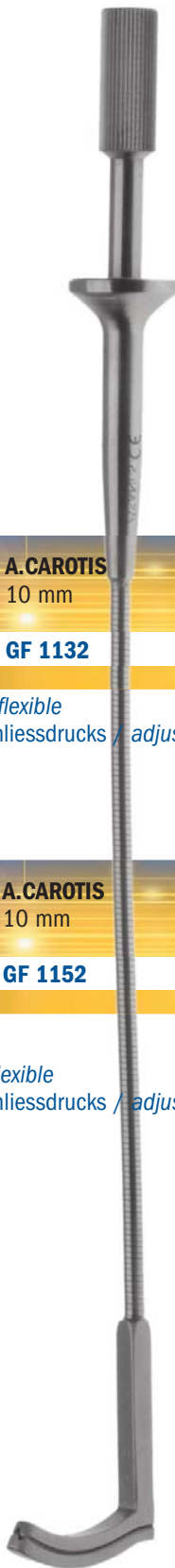
310 mm, 12<sup>3</sup>/<sub>8</sub>"

MD 0940

**KERSTING**

Abdominale Anastomosenklemme/  
*Abdominal Anastomosis Clamps*

1/2



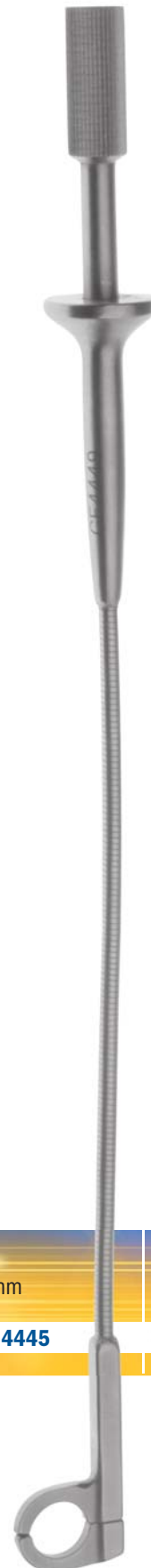
glatt smooth	<b>A.CAROTIS</b> 10 mm	<b>A.POPLITEA</b> 20 mm	<b>A.FEMORALIS</b> 30 mm
210 mm, 8 <sup>1</sup> / <sub>4</sub> "	<b>GF 1132</b>	<b>GF 1134</b>	<b>GF 1136</b>

halbflexibel / semi flexible  
Regulierung der Schliessdrucks / adjustment of closing pressure

atraumatisch atraumatic	<b>A.CAROTIS</b> 10 mm	<b>A.POPLITEA</b> 20 mm	<b>A.FEMORALIS</b> 30 mm
220 mm, 8 <sup>3</sup> / <sub>4</sub> "	<b>GF 1152</b>	<b>GF 1154</b>	<b>GF 1156</b>

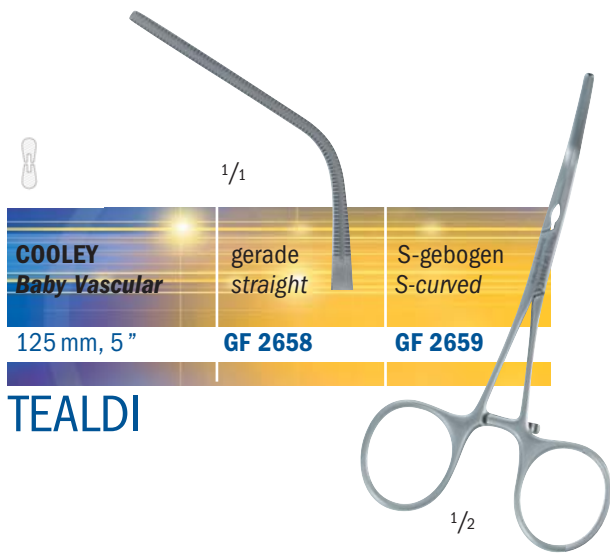
## COOLEY

völlig flexibel / all flexible  
Regulierung der Schliessdrucks / adjustment of closing pressure

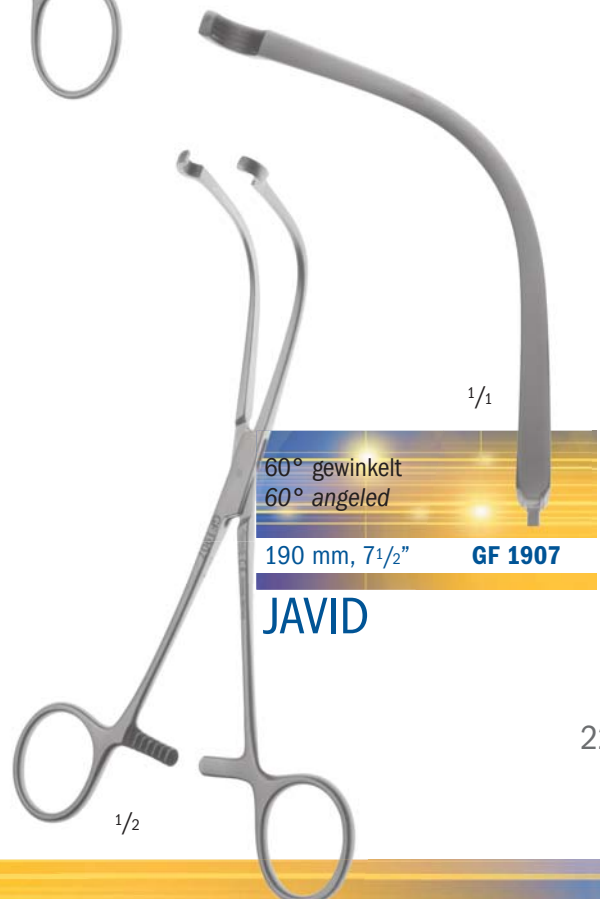
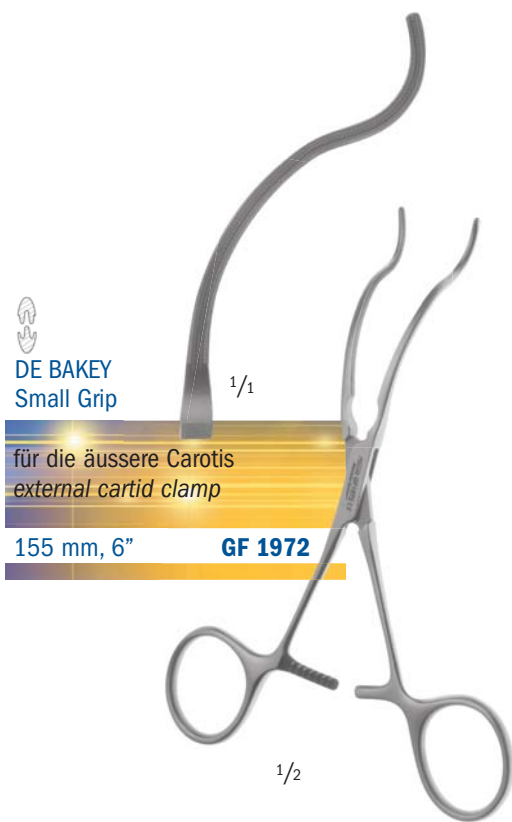
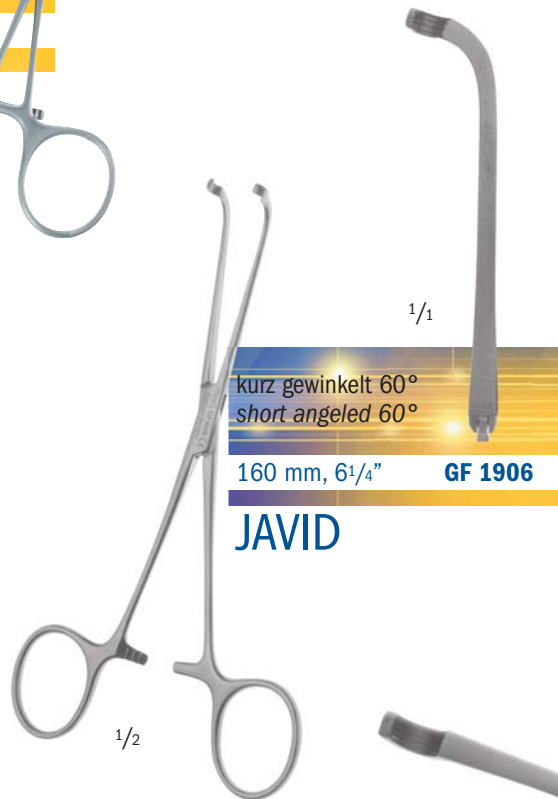


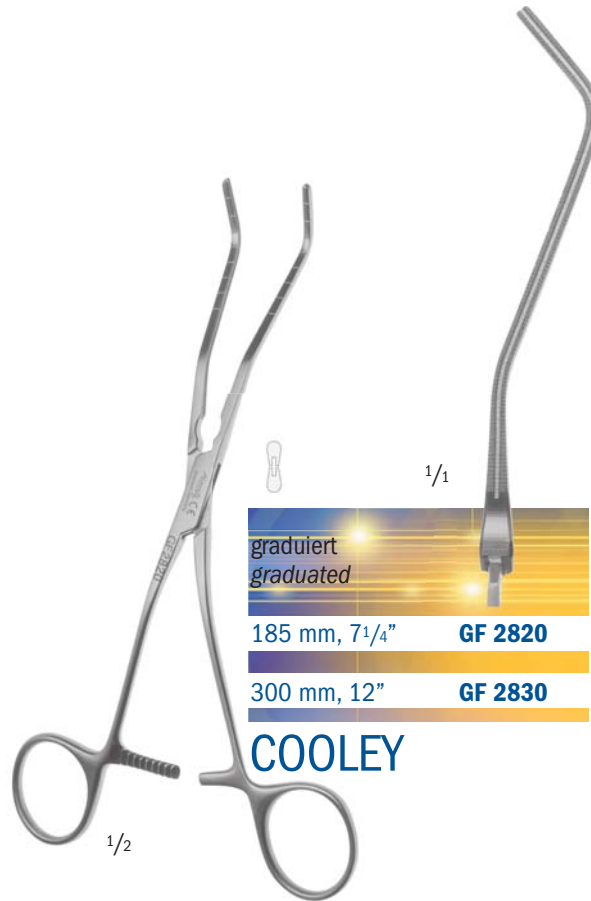
	3 mm	5 mm	7 mm	9 mm
220 mm, 8 <sup>3</sup> / <sub>4</sub> "	<b>GF 4443</b>	<b>GF 4445</b>	<b>GF 4447</b>	<b>GF 4449</b>

## SHUNT



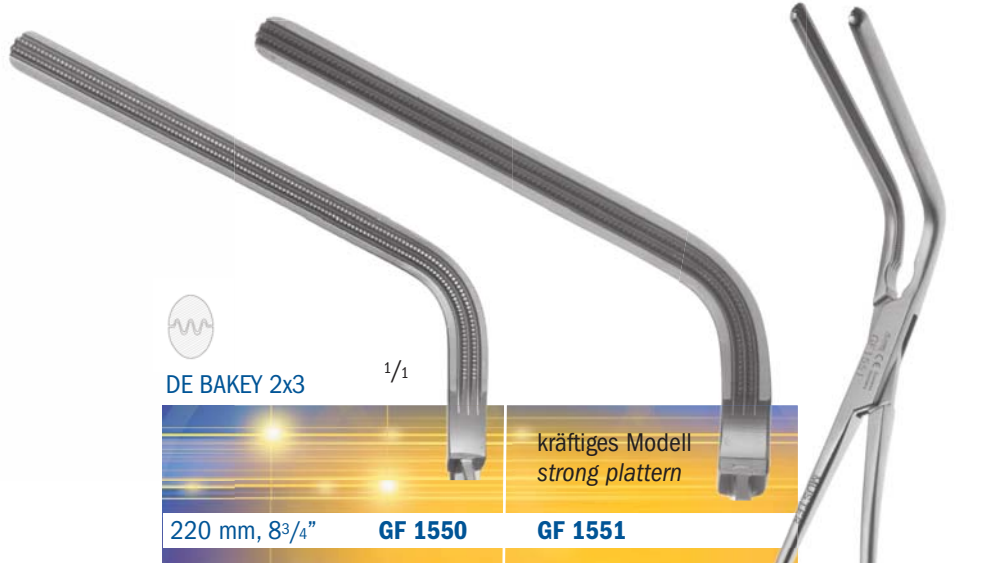
TEALDI



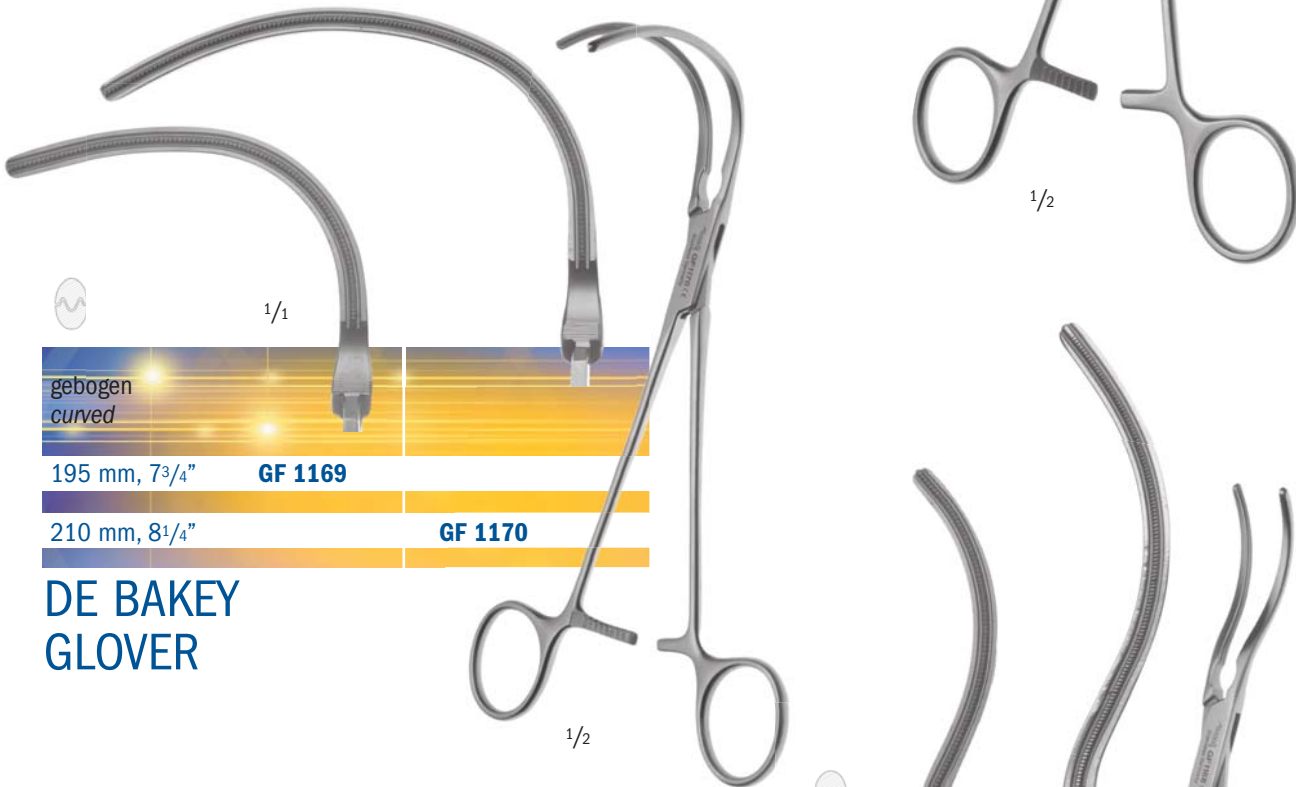








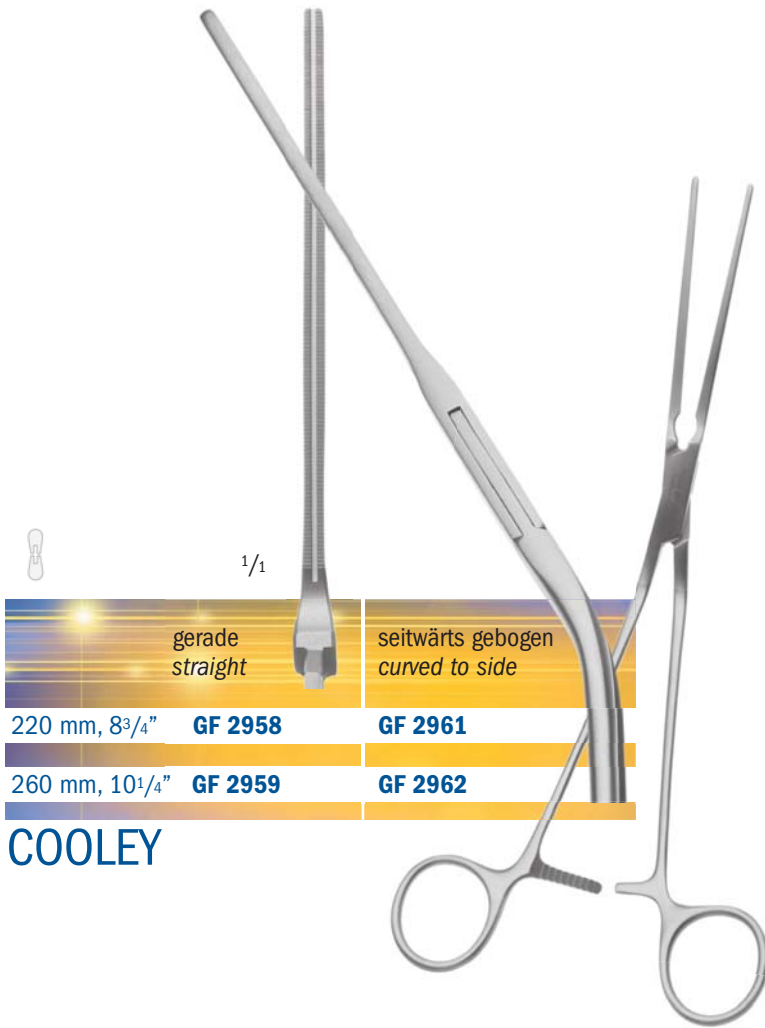
**MORRIS**




**DE BAKEY  
GLOVER**

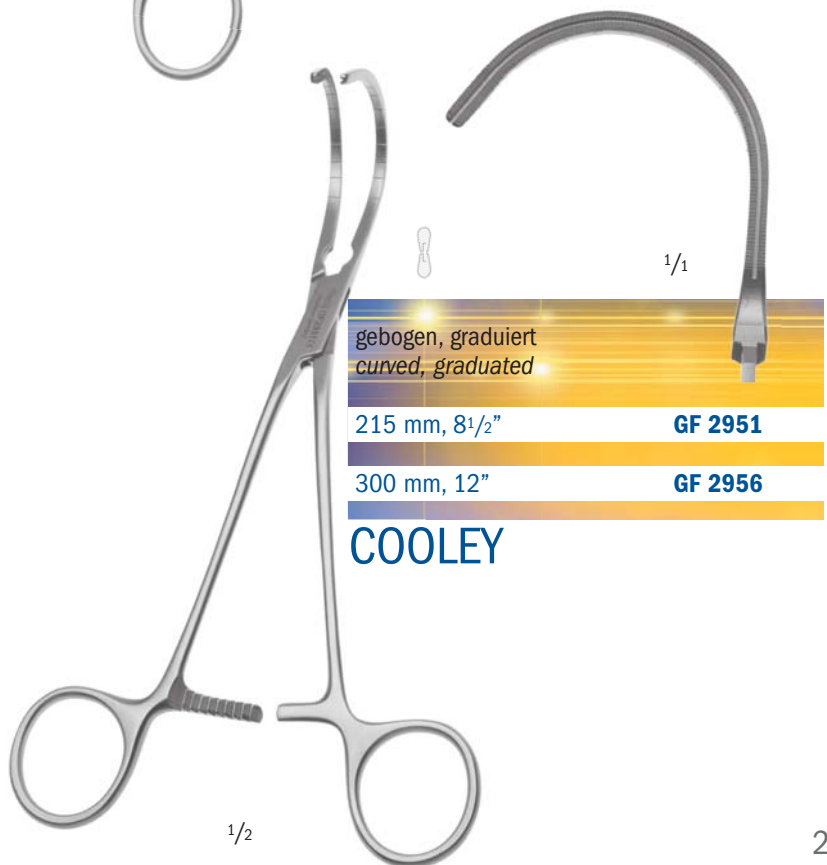



**DE BAKEY  
GLOVER  
SPOON SHARPED**



	1/1	gerade straight	seitwärts gebogen curved to side
220 mm, 8 <sup>3</sup> / <sub>4</sub> "	<b>GF 2958</b>	<b>GF 2961</b>	
260 mm, 10 <sup>1</sup> / <sub>4</sub> "	<b>GF 2959</b>	<b>GF 2962</b>	

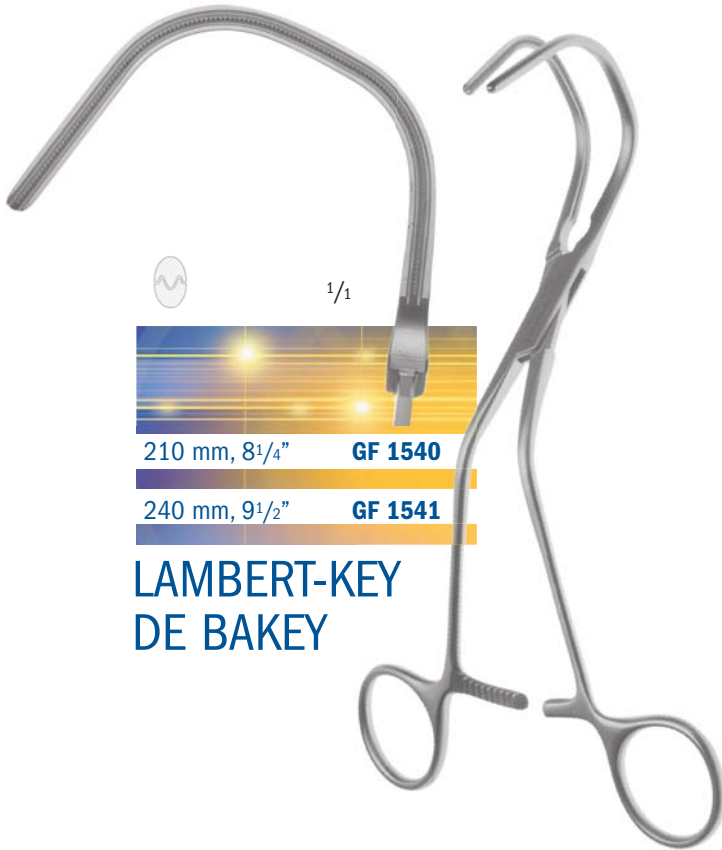
**COOLEY**



	1/1	gebogen, graduiert curved, graduated
215 mm, 8 <sup>1</sup> / <sub>2</sub> "	<b>GF 2951</b>	
300 mm, 12"	<b>GF 2956</b>	

**COOLEY**

1/2



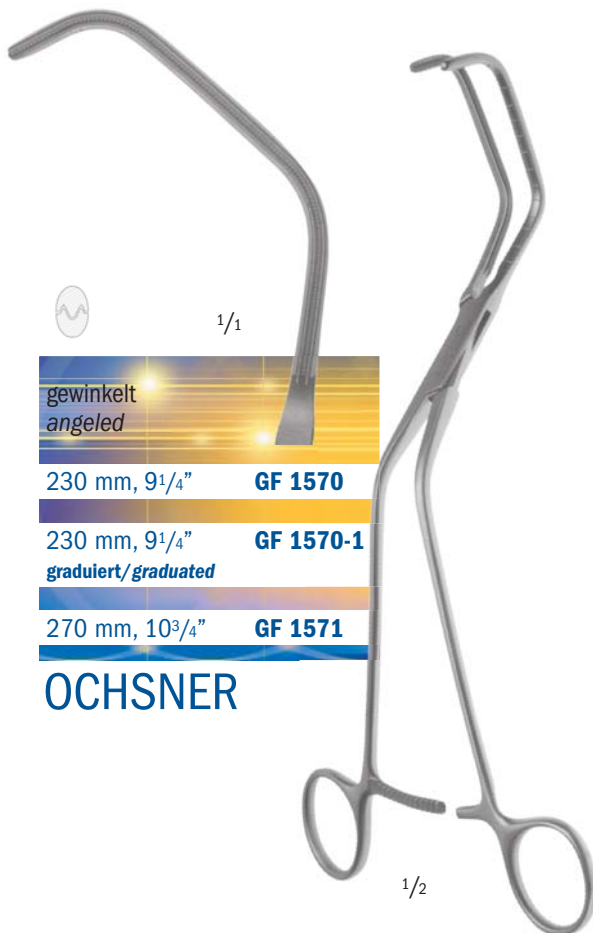
210 mm, 8 <sup>1</sup> / <sub>4</sub> "	<b>GF 1540</b>
240 mm, 9 <sup>1</sup> / <sub>2</sub> "	<b>GF 1541</b>

**LAMBERT-KEY  
DE BAKEY**



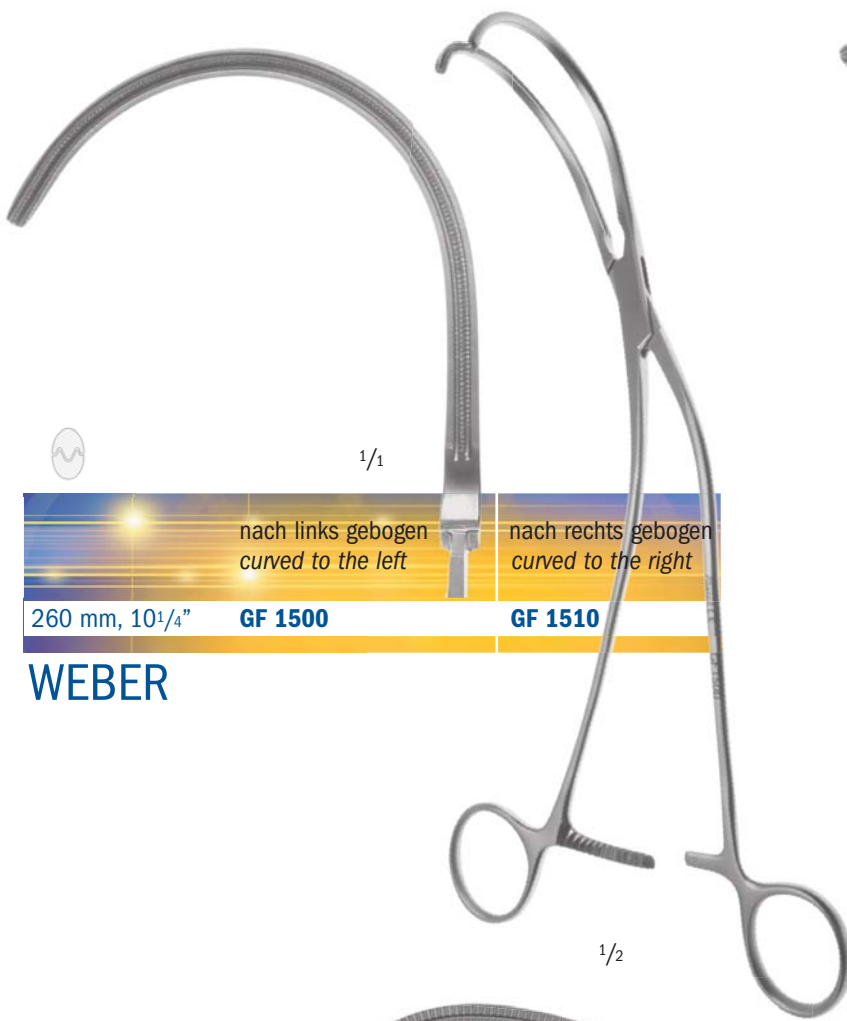
215 mm, 8 <sup>1</sup> / <sub>2</sub> "	<b>GF 1520</b>
---	----------------

**LAMBERT-KEY  
DE BAKEY**



gewinkelt angeled	
230 mm, 9 <sup>1</sup> / <sub>4</sub> "	<b>GF 1570</b>
230 mm, 9 <sup>1</sup> / <sub>4</sub> " graduirt/graduated	<b>GF 1570-1</b>
270 mm, 10 <sup>3</sup> / <sub>4</sub> "	<b>GF 1571</b>

**OCHSNER**



1/1  
nach links gebogen  
curved to the left  
260 mm, 10<sup>1</sup>/<sub>4</sub>" **GF 1500**

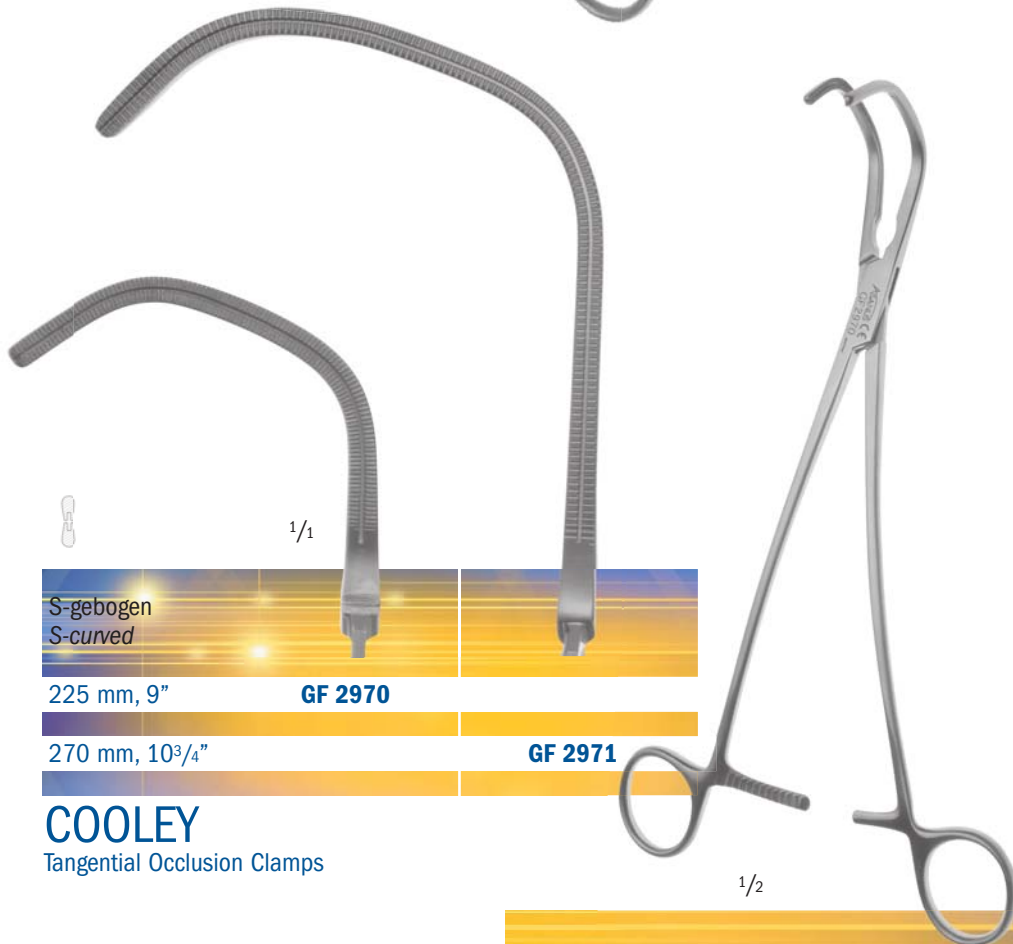
1/1  
nach rechts gebogen  
curved to the right  
260 mm, 10<sup>1</sup>/<sub>4</sub>" **GF 1510**

**WEBER**



1/1  
abgewinkelt  
angled  
210 mm, 8<sup>1</sup>/<sub>4</sub>" **GF 1840**

**DIETRICH**



1/1  
S-gebogen  
S-curved  
225 mm, 9" **GF 2970**

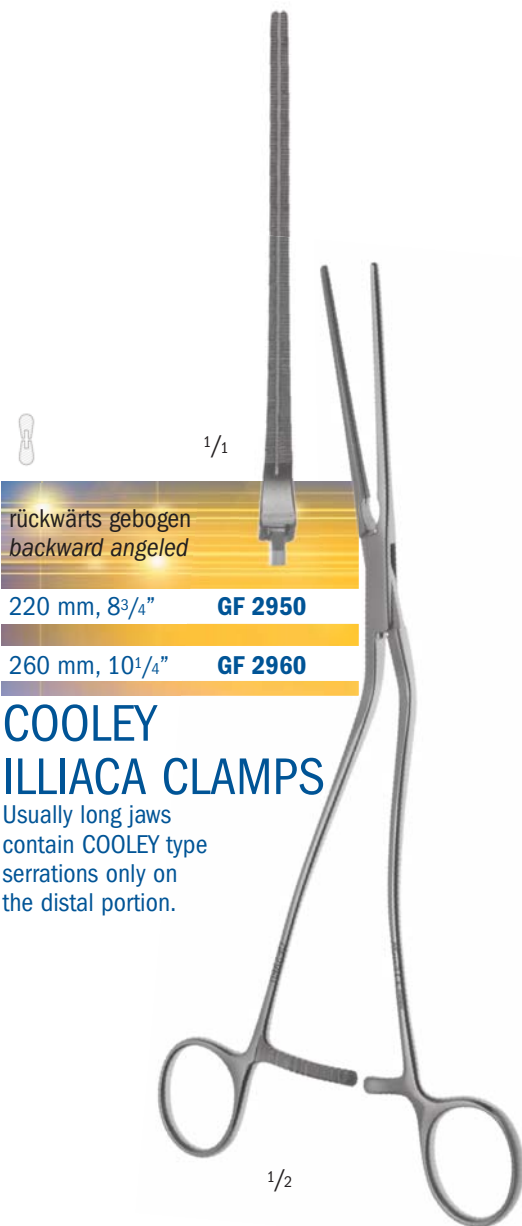
1/1  
270 mm, 10<sup>3</sup>/<sub>4</sub>" **GF 2971**

**COOLEY**  
Tangential Occlusion Clamps



S-gebogen  
S-curved  
260 mm, 10<sup>1</sup>/<sub>4</sub>" **GF 2972**

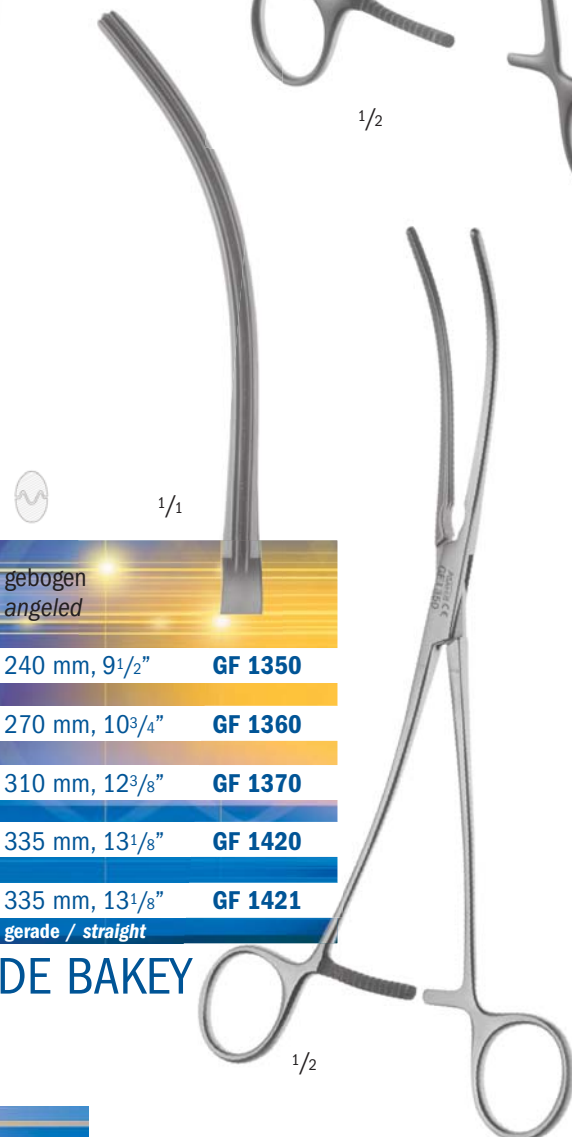
**COOLEY**



rückwärts gebogen  
backward angled  
220 mm, 8<sup>3</sup>/<sub>4</sub>" **GF 2950**  
260 mm, 10<sup>1</sup>/<sub>4</sub>" **GF 2960**

**COOLEY  
ILLIACA CLAMPS**


Usually long jaws contain COOLEY type serrations only on the distal portion.



gebogen  
angled  
240 mm, 9<sup>1</sup>/<sub>2</sub>" **GF 1350**  
270 mm, 10<sup>3</sup>/<sub>4</sub>" **GF 1360**  
310 mm, 12<sup>3</sup>/<sub>8</sub>" **GF 1370**  
335 mm, 13<sup>1</sup>/<sub>8</sub>" **GF 1420**  
335 mm, 13<sup>1</sup>/<sub>8</sub>" **GF 1421**  
gerade / straight


**DE BAKEY**



 1/1  
245 mm, 9<sup>3</sup>/<sub>4</sub>" **GF 1390**  
255 mm, 10" **GF 1400**


DE BAKY  
BAHNSON



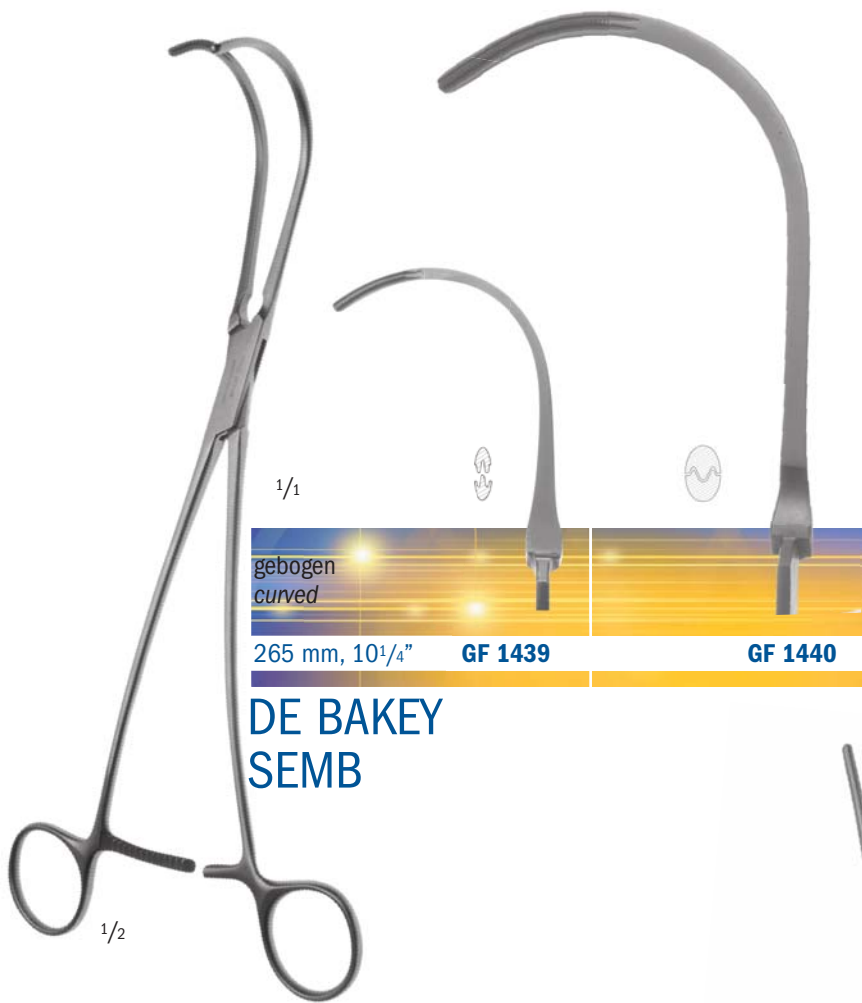
 1/1  
265 mm, 10<sup>1</sup>/<sub>4</sub>" **GF 1430**

DE BAKY

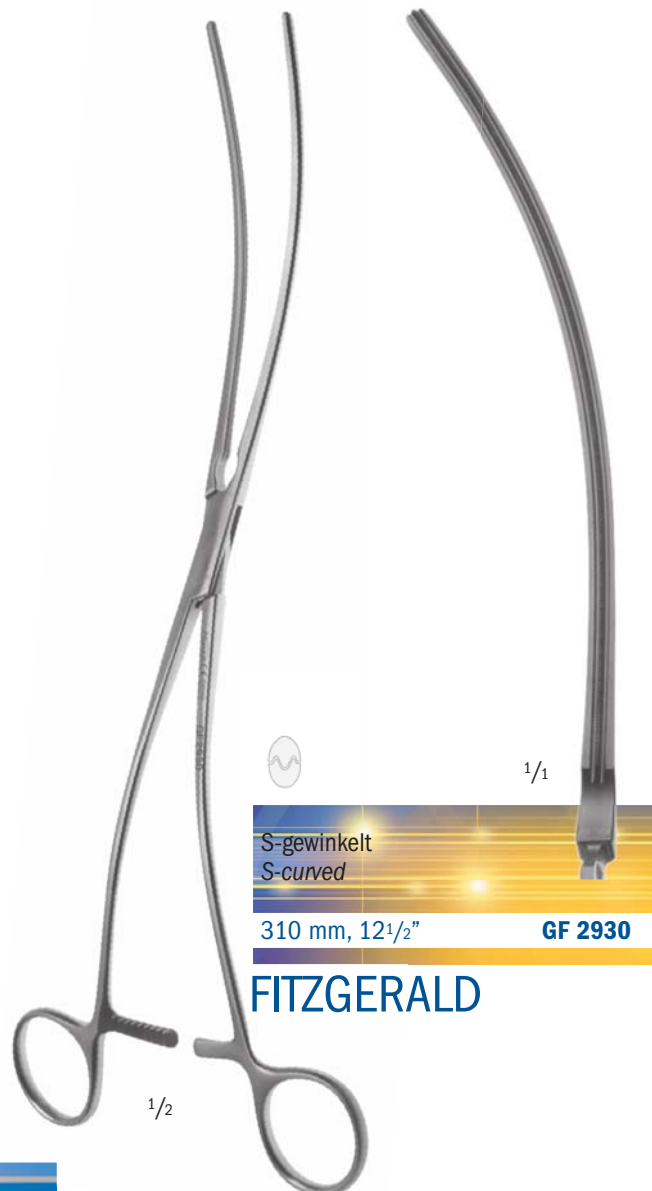


 1/1  
245 mm, 9<sup>3</sup>/<sub>4</sub>" **GF 2933**  
335 mm, 13<sup>1</sup>/<sub>8</sub>" **GF 2935**

COOLEY



**DE BAKEY  
SEMB**

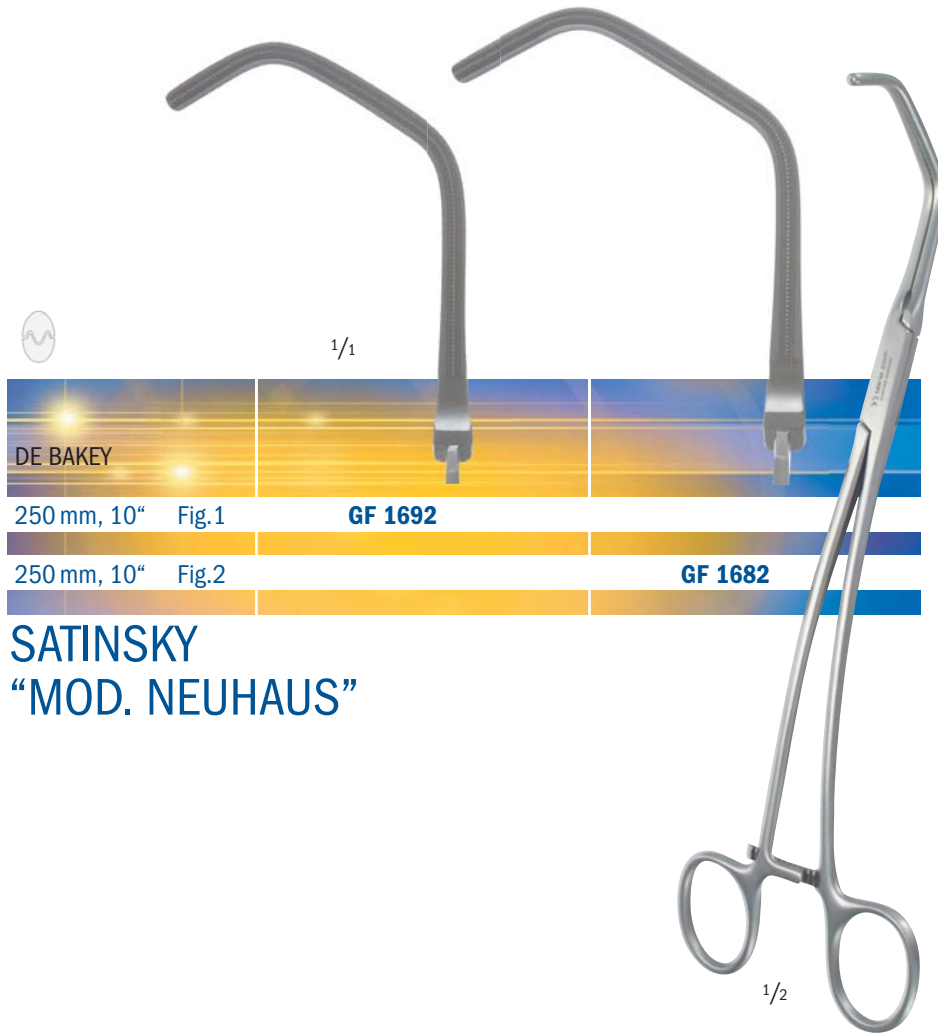


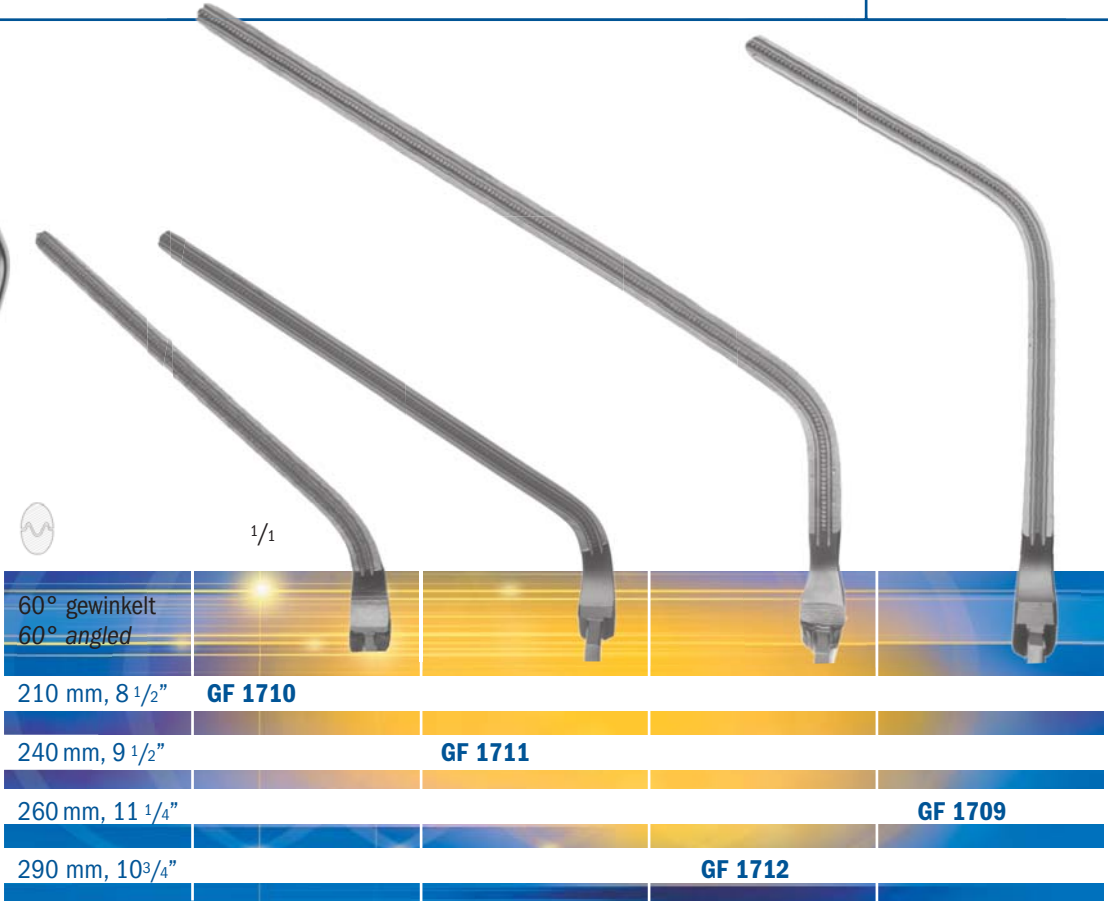
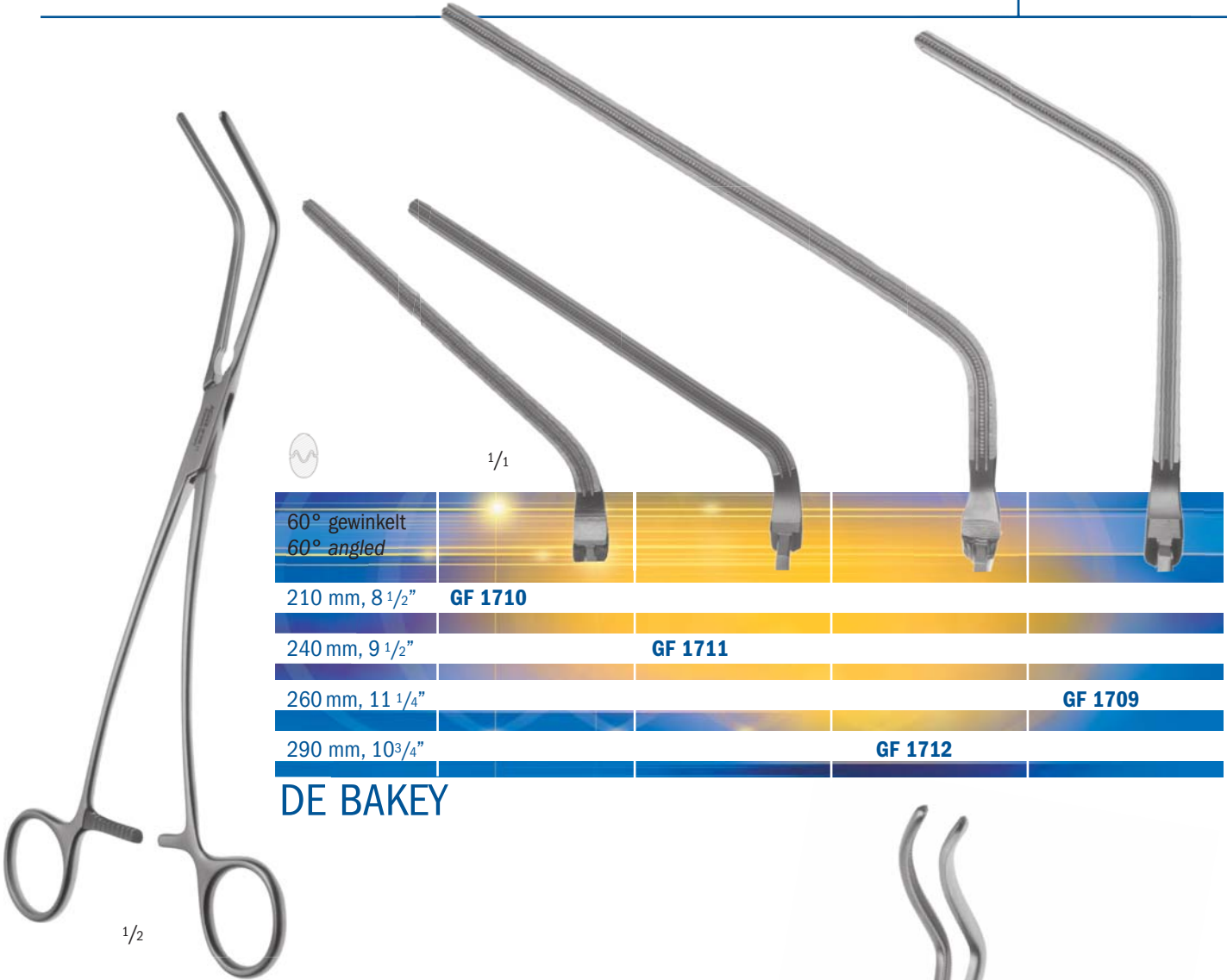
**FITZGERALD**





VIGANO



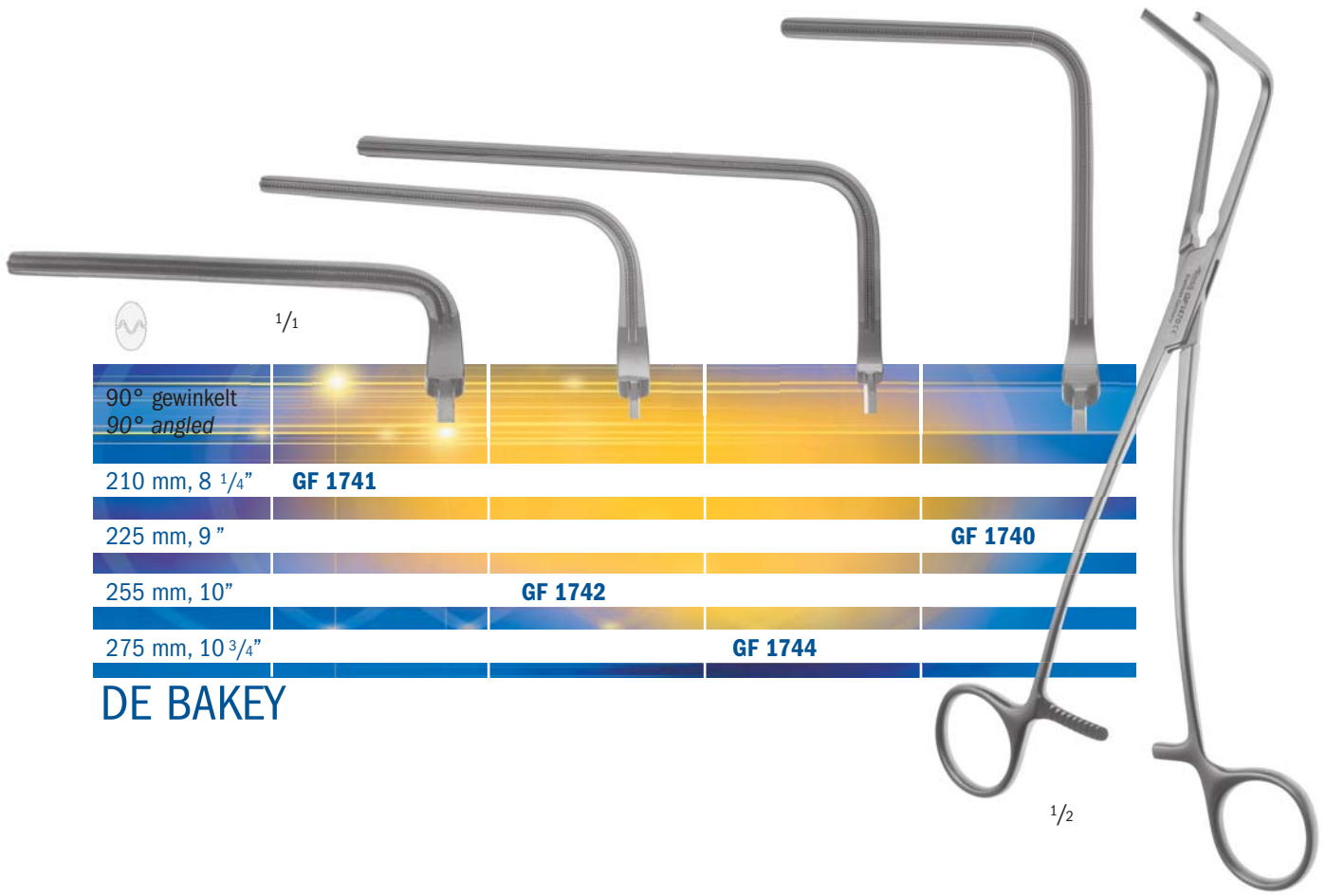


**DE BAKEY**

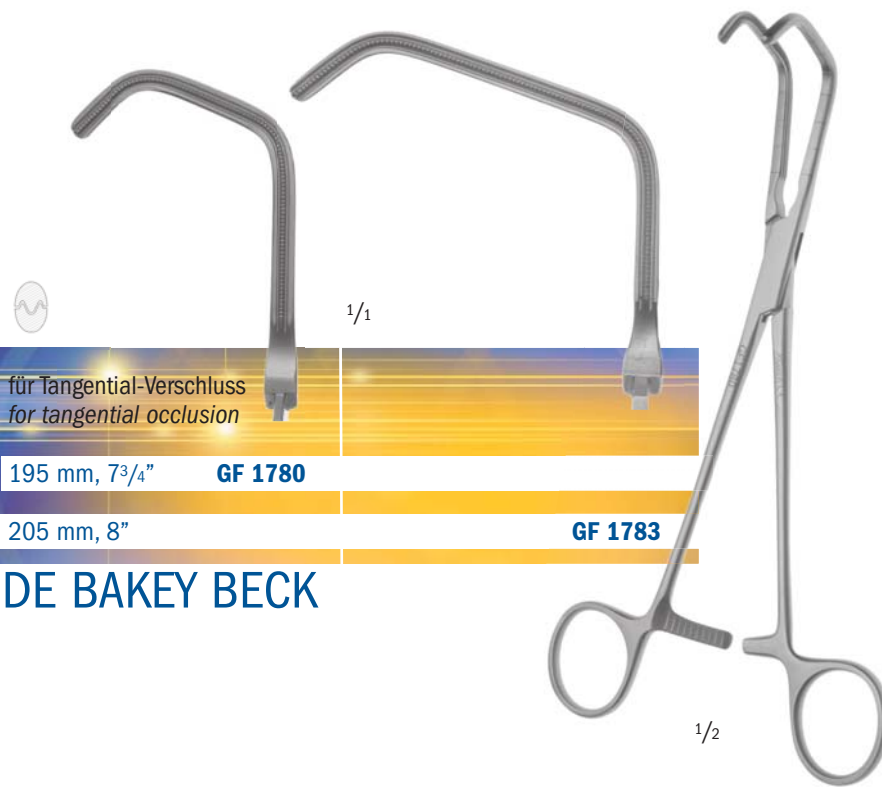


**DE BAKEY**

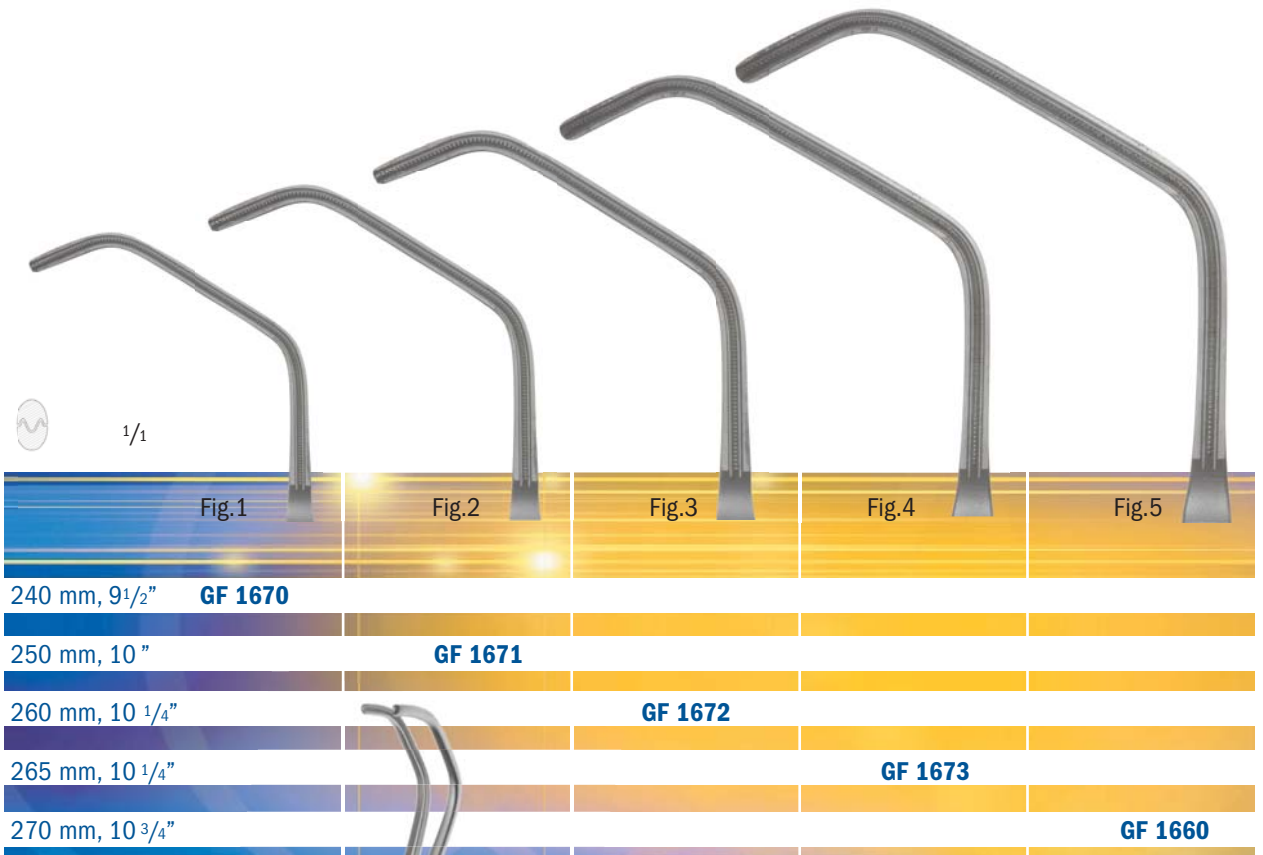




**DE BAKAY**



**DE BAKAY BECK**



DE BAKEY  
SATINSKY



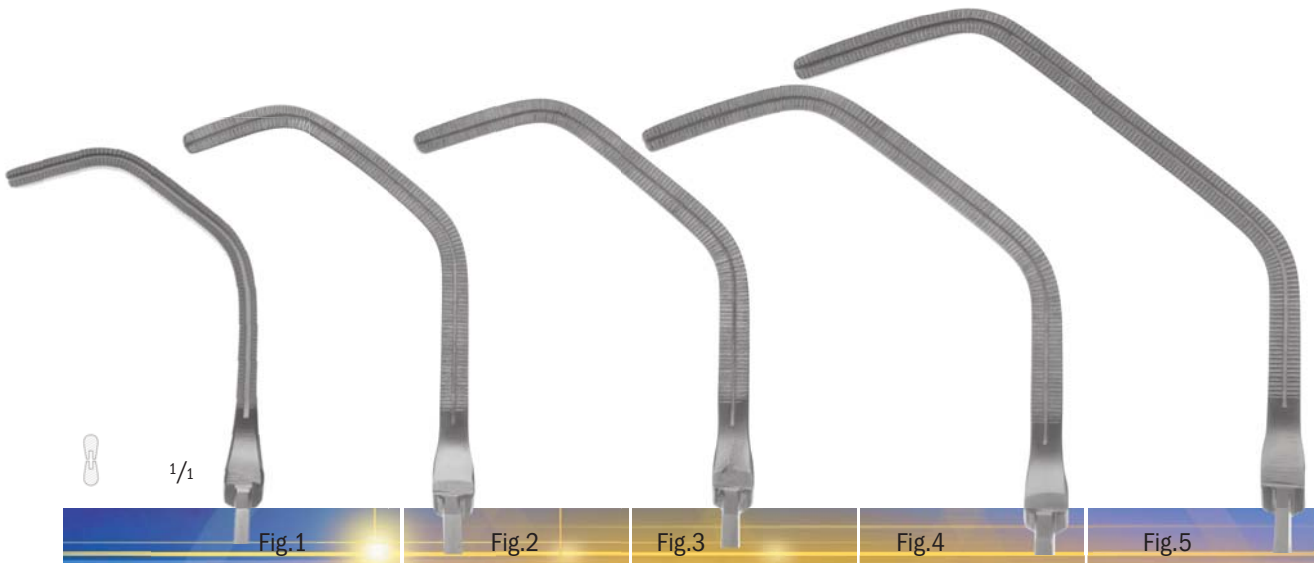


Fig.1	Fig.2	Fig.3	Fig.4	Fig.5
195 mm, 7 3/4"	<b>GF 3000</b>			
250 mm, 10"		<b>GF 3010</b>		
255 mm, 10"			<b>GF 3020</b>	
265 mm, 10 1/4"				<b>GF 3030</b>
270 mm, 10 3/4"				<b>GF 3040</b>

**COOLEY  
SATINSKY**





Vena Cava Klemme  
Vena Cava clamp

240 mm, 9 1/2" **GF 2320**

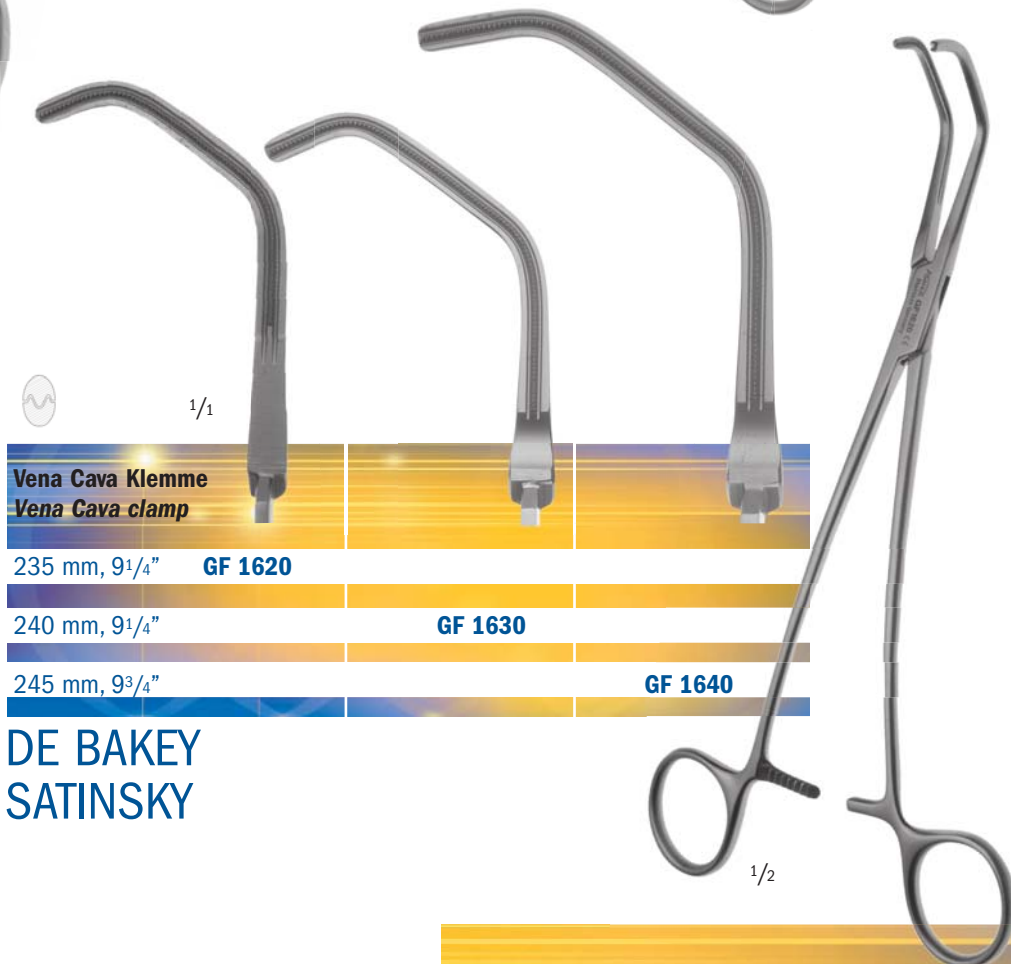
HARKEN



für den Herzvorhof  
gebogen  
Auricle Clamps  
curved

250 mm, 10" **GF 1800**

DE BAKEY  
HARKEN



Vena Cava Klemme  
Vena Cava clamp

235 mm, 9 1/4" **GF 1620**

240 mm, 9 1/4" **GF 1630**

245 mm, 9 3/4" **GF 1640**

DE BAKEY  
SATINSKY



<b>60° gewinkelt</b> <b>60° angled</b>		Mauleinsatz Jaw insert
145 mm, 5 <sup>3</sup> / <sub>4</sub> "	<b>GF 2400</b>	<b>33 mm</b>
250 mm, 10"	<b>GF 2480</b>	<b>61 mm</b>
255 mm, 10"	<b>GF 2481</b>	<b>87 mm</b>

<b>gerade</b> <b>straight</b>		Mauleinsatz Jaw insert
170 mm, 6 <sup>3</sup> / <sub>4</sub> "	<b>GF 2440</b>	<b>33 mm</b>
300 mm, 12"	<b>GF 2442</b>	<b>61 mm</b>
300 mm, 12"	<b>GF 2482</b>	<b>86 mm</b>

**FOGART ATRAUMATIC**  
**"MULTI CHANGE"**





Cooley, 90° gebogen  
Cooley, 90° curved

230 mm, 9"

GF 1382

MERLO

gebogen  
curved

90 mm, 3 1/2"

**KL 0670**

**JONES**



1/2

gebogen  
curved

95 mm, 3 3/4"

**KL 0740**

105 mm, 4 1/2"

**KL 0780**

110 mm, 4 3/8"

**KL 0750**

135 mm, 5 1/4"

**KL 0760**

155 mm, 6"

**KL 0762**

**BACKHAUS**



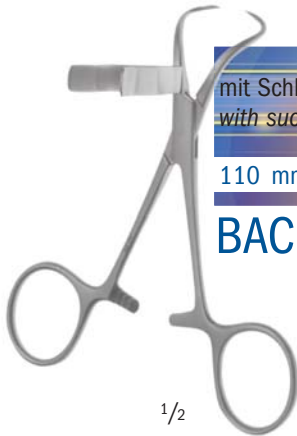
1/2

mit Schlauchhalterung  
with suction hose fixation

110 mm, 4 3/8"

**KL 0810**

**BACKHAUS-CLIP**



1/2

mit Kugel und Höhle  
with ball and socket

100 mm, 4"

**KL 0908**

115 mm, 4 1/8"

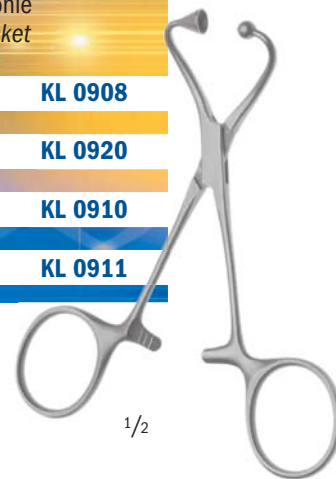
**KL 0920**

140 mm, 5 1/2"

**KL 0910**

150 mm, 6"

**KL 0911**



1/2

atraumatisch  
atraumatic

115 mm, 4 1/8"

**KL 0878**

130 mm, 5"

**KL 0879**

145 mm, 5 3/4"

**KL 0880**

**PEERS**



1/2

2 x 2 Zähne  
2 x 2 teeth

180 mm, 7"

**KL 0720**

**DOYEN**



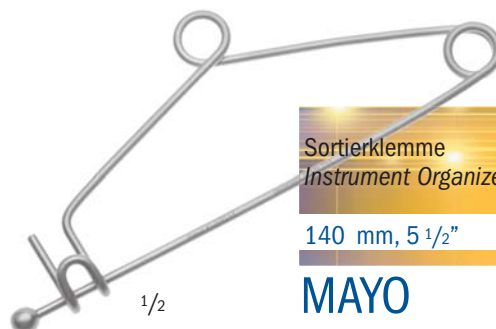
1/2

Sortierklemme  
Instrument Organizer

140 mm, 5 1/2"

**KL 0091**

**MAYO**



1/2

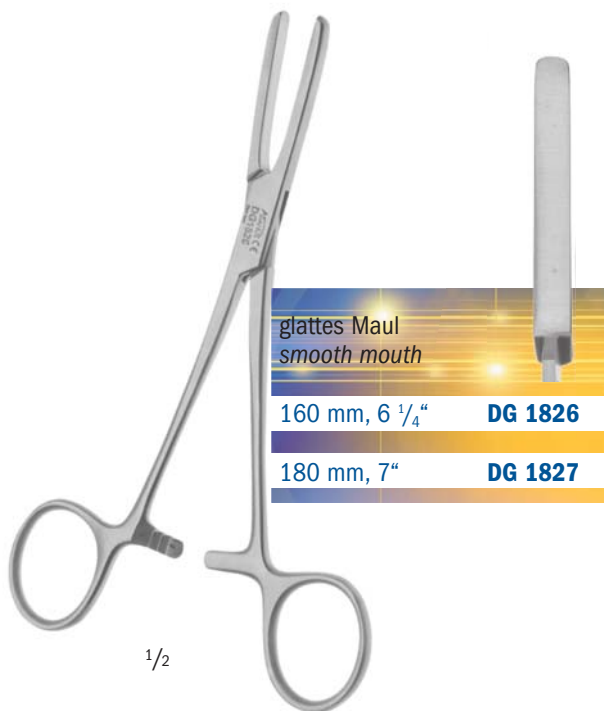


gerade, elastisch  
straight, elastic

130 mm, 5 1/8" **GF 2514**

**KRÖNLEIN**

1/2



glattes Maul  
smooth mouth

160 mm, 6 1/4" **DG 1826**

180 mm, 7" **DG 1827**

1/2



mit Teflon-Rollen  
with tube miking roller

155 mm, 6" **GF 2525**

**BROMTON**

1/2

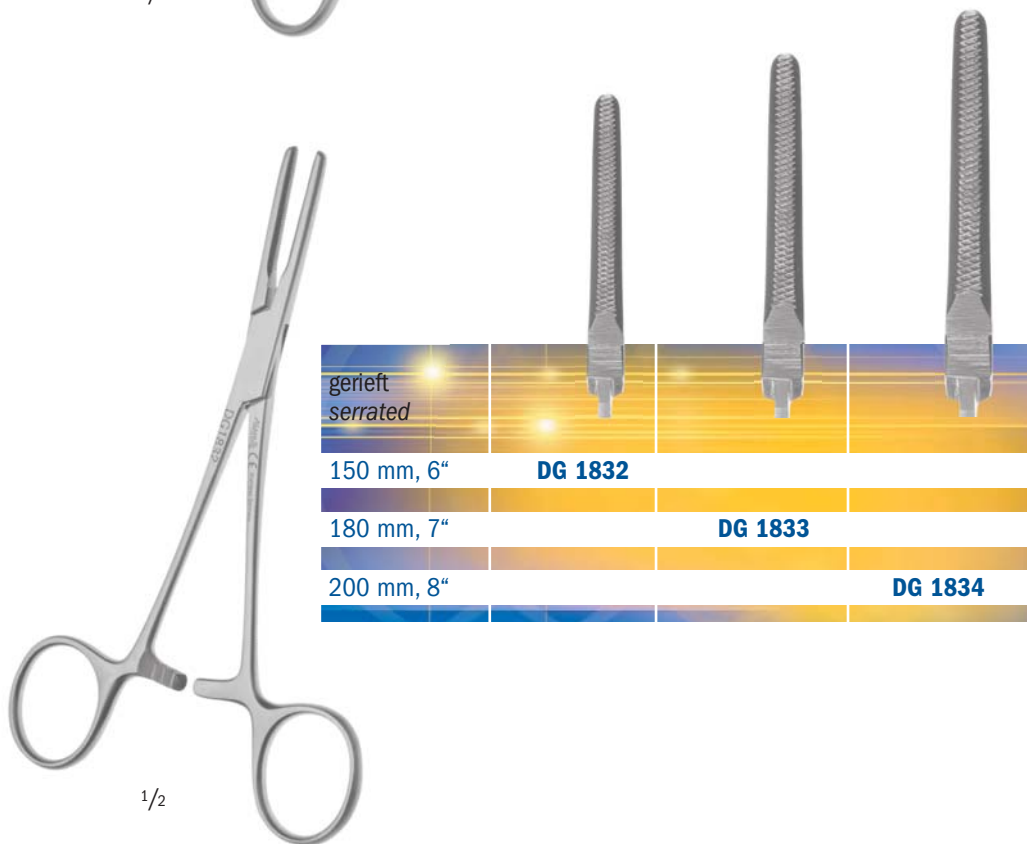
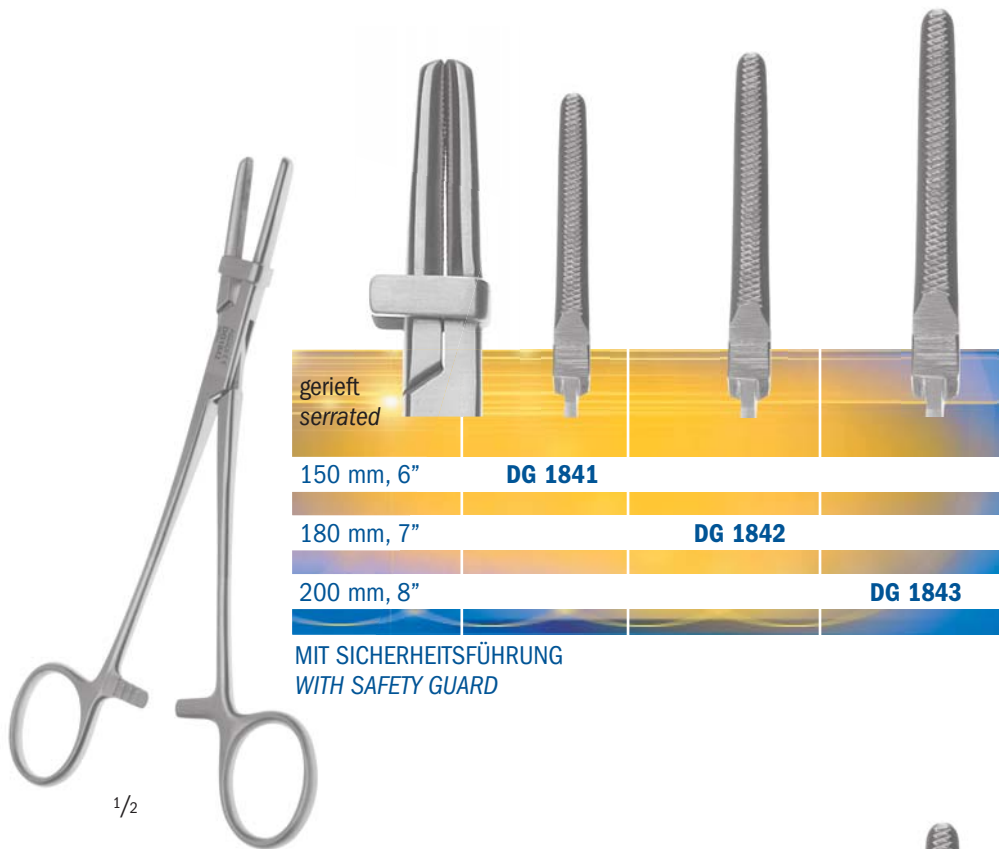
mit Stahl-Rollen  
with tube miking roller

185 mm, 7 1/4" **GF 2526**

**GUNNAR-HEY**

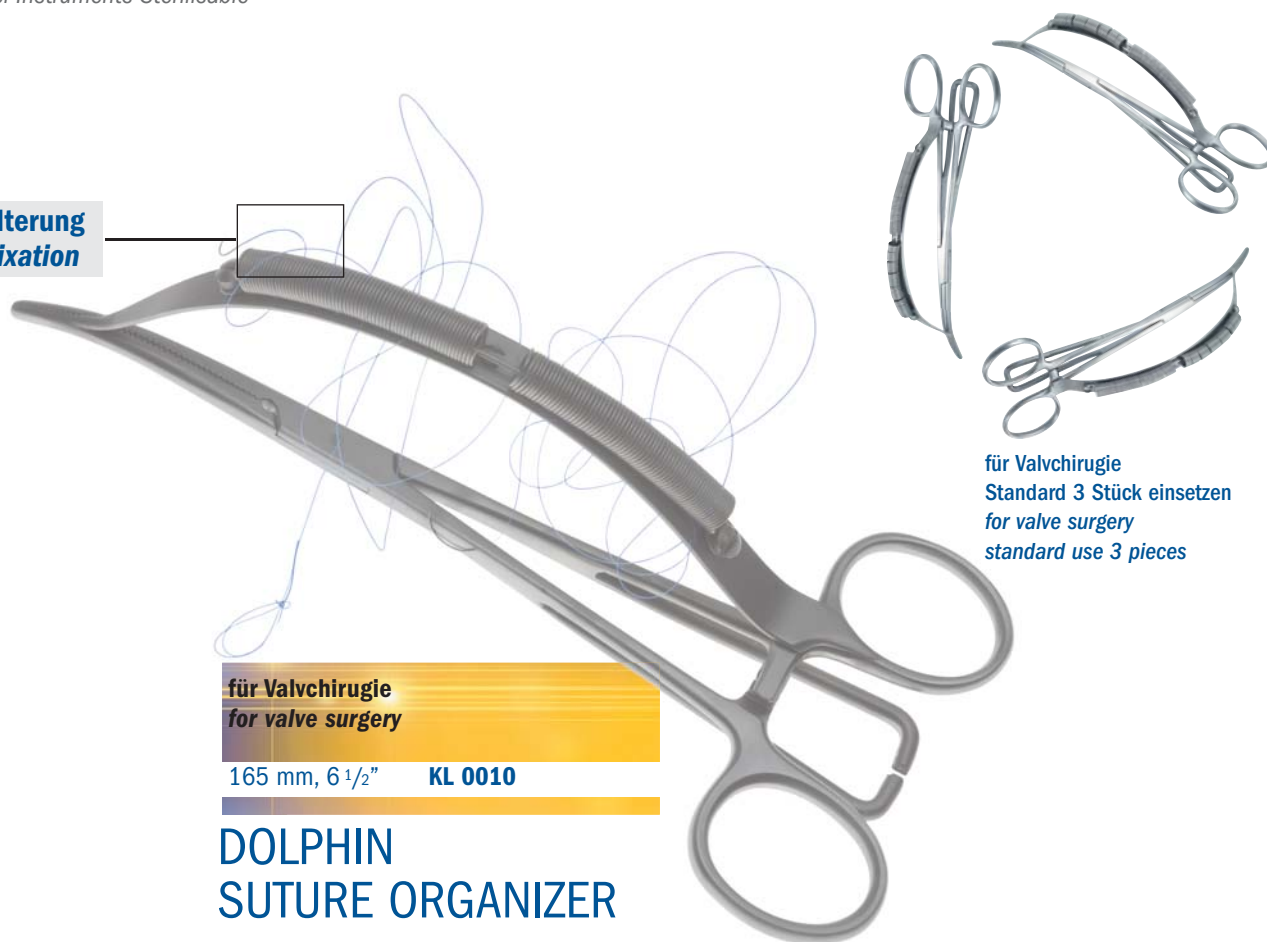


1/2



Spezial Stahlinstrumente Resterilisierbar  
Special Steel Instruments Sterilisable

Fadenhalterung  
Suture Fixation



für Valvchirurgie  
for valve surgery

165 mm, 6 1/2" KL 0010

**DOLPHIN  
SUTURE ORGANIZER**

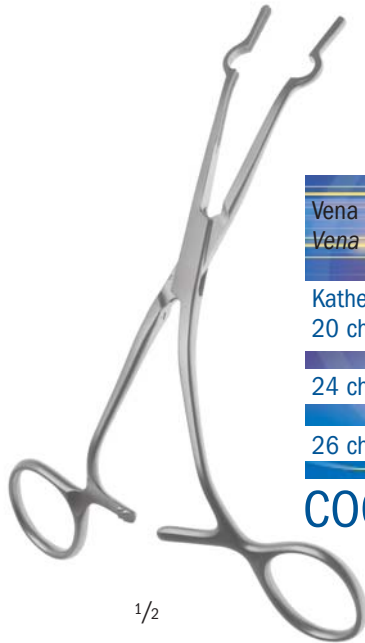
für Valvchirurgie  
Standard 3 Stück einsetzen  
for valve surgery  
standard use 3 pieces



	für Schlauch-Ø for tube Ø	für Aussen-Ø for outside Ø	
130 mm, 5"	1/4"	11 mm	<b>KL 0741</b>
140 mm, 5 1/2"	3/8"	14 mm	<b>KL 0742</b>
160 mm, 6 1/4"	1/2"	17 mm	<b>KL 0743</b>

**IORIO  
TUBE ORGANIZER**

Occludes the Vena Cava and allows blood flow through the cannula or catheter.



1/2



1/1

Vena Cava Klemme für Kinder, 160 mm, 6<sup>3</sup>/<sub>4</sub>"  
Vena Cava clamp for children, 160 mm, 6<sup>3</sup>/<sub>4</sub>"

Katheter-Größe/size of catheter  
20 ch. **GF 2622**

24 ch. **GF 2623**

26 ch. **GF 2624**

**COOLEY**



1/2



1/1

Vena Cava Klemme für Erwachsene, 200 mm, 8"  
Vena Cava clamp for adults, 200 mm, 8"

Katheter-Größe/size of catheter  
28 ch. **GF 2631**

30 ch. **GF 2632**

32 ch. **GF 2633**

34 ch. **GF 2634**

36 ch. **GF 2635**

38 ch. **GF 2636**

40 ch. **GF 2637**

**COOLEY**



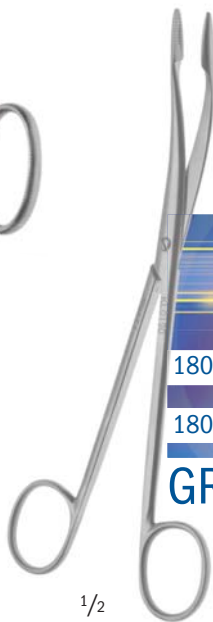
gerade straight	
220 mm, 8 3/4"	<b>KL 0300</b>
265 mm, 10 1/2"	<b>KL 0320</b>

**ULRICH**



gebogen curved	
220 mm, 8 3/4"	<b>KL 0310</b>
265 mm, 10 1/2"	<b>KL 0330</b>

**ULRICH**



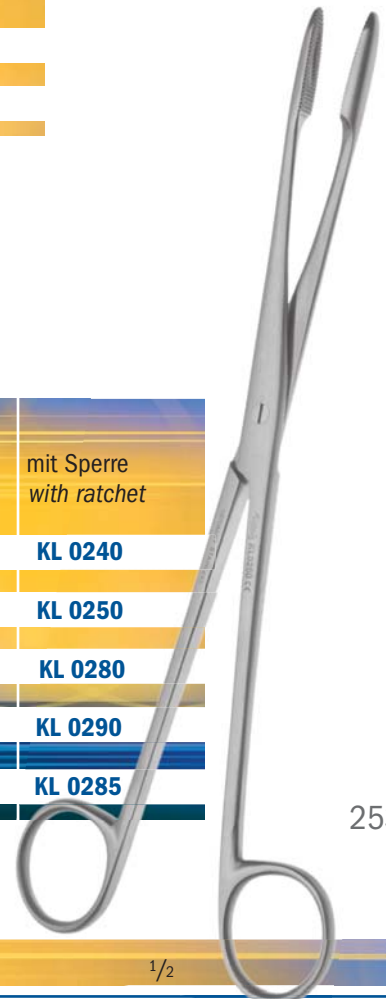
	ohne Sperre without ratchet	mit Sperre with ratchet
180 mm, 7" gerade/straight	<b>KL 0180</b>	<b>KL 0200</b>
180 mm, 7" gebogen/curved	<b>KL 0190</b>	<b>KL 0210</b>

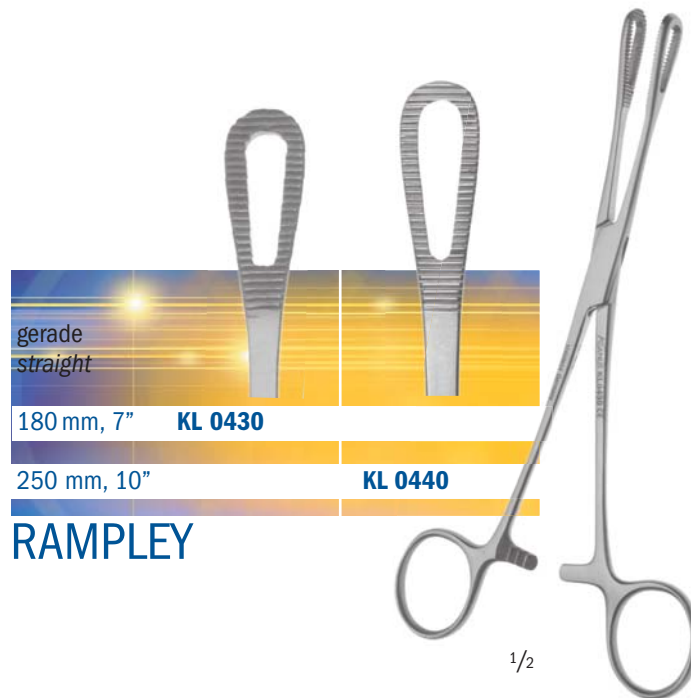
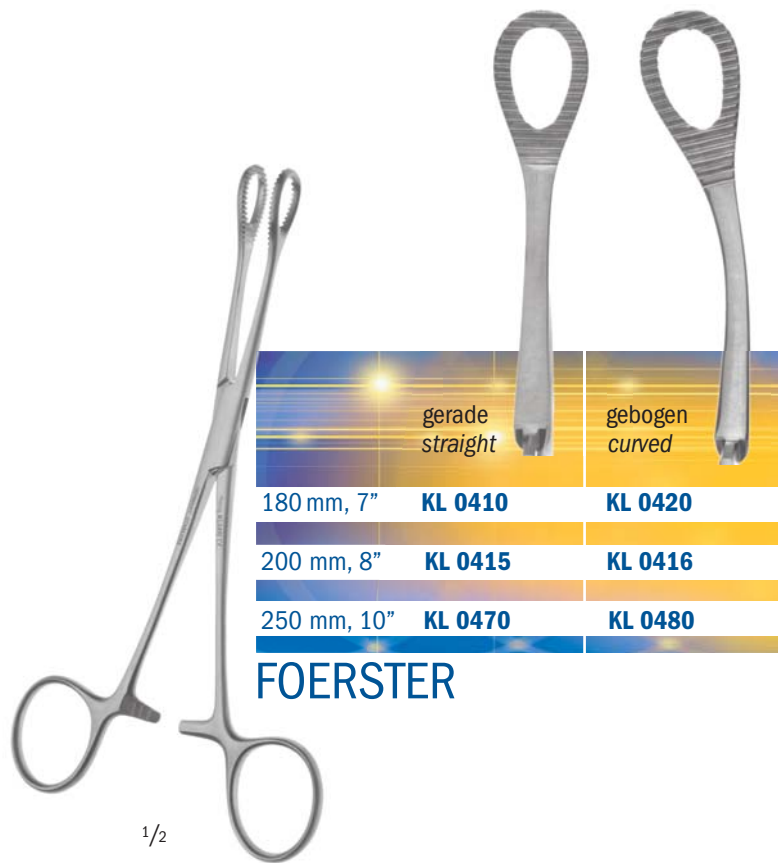
**GROSS**



	ohne Sperre without ratchet	mit Sperre with ratchet
200 mm, 8" gerade/straight	<b>KL 0220</b>	<b>KL 0240</b>
200 mm, 8" gebogen/curved	<b>KL 0230</b>	<b>KL 0250</b>
265 mm, 10" gerade/straight	<b>KL 0260</b>	<b>KL 0280</b>
265 mm, 10" gebogen/curved	<b>KL 0270</b>	<b>KL 0290</b>
360 mm, 14" gerade/straight		<b>KL 0285</b>

**GROSS-MAIER**







STEEL

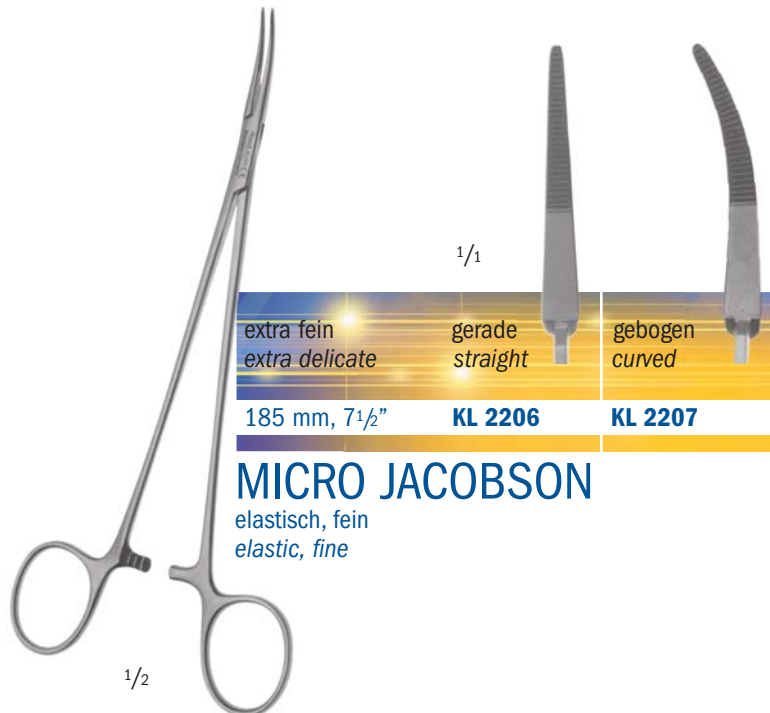
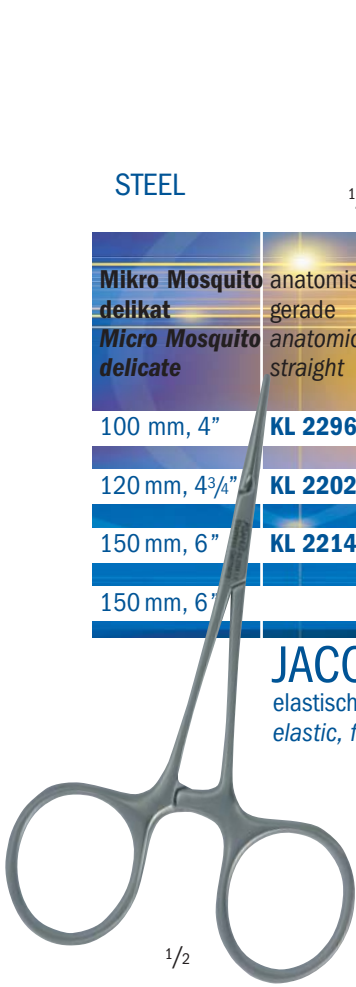
1/1

<b>Mikro Mosquito delikat</b> <i>Micro Mosquito delicate</i>	anatomisch gerade <i>anatomic straight</i>	anatomisch gebogen <i>anatomic curved</i>	chirurgisch gerade 1x2 Zähne <i>surgical straight 1x2 teeth</i>	chirurgisch gebogen 1x2 Zähne <i>surgical curved 1x2 teeth</i>	anatomisch gerade <i>anatomic straight</i>	anatomisch gebogen <i>anatomic curved</i>
100 mm, 4"	KL 2296	KL 2297	KL 2224	KL 2225		
120 mm, 4 <sup>3</sup> / <sub>4</sub> "	KL 2202	KL 2203	KL 2204	KL 2205	KL 2208	KL 2209
150 mm, 6"	KL 2214	KL 2215	KL 2216	KL 2217		KL 2215K
150 mm, 6"		KL 2233 <small>Micro Delicate</small>				

JACOBSEN

elastisch, fein  
*elastic, fine*

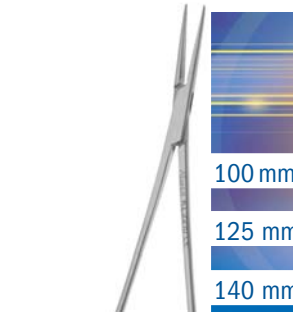
PYRAMID SERRATED



extra fein <i>extra delicate</i>	gerade <i>straight</i>	gebogen <i>curved</i>
185 mm, 7 <sup>1</sup> / <sub>2</sub> "	KL 2206	KL 2207

MICRO JACOBSON

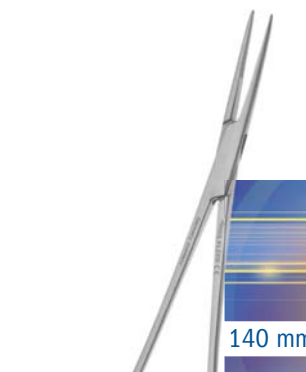
elastisch, fein  
*elastic, fine*



	gerade straight	gebogen curved	gerade straight 1x2 Zähne 1x2 teeth	gebogen curved 1x2 Zähne 1x2 teeth
100 mm, 4"	<b>KL 2186</b>	<b>KL 2187</b>	<b>KL 2288</b>	<b>KL 2289</b>
125 mm, 5"	<b>KL 2210</b>	<b>KL 2211</b>	<b>KL 2270</b>	<b>KL 2271</b>
140 mm, 5½"	<b>KL 2212</b>	<b>KL 2213</b>	<b>KL 2222</b>	<b>KL 2223</b>

**MICRO HALSTED-MOSQUITO**


1/2



	gerade straight	gebogen curved
140 mm, 5½"	<b>KL 2310</b>	<b>KL 2311</b>

**PROVIDENCE-HOSPITAL**

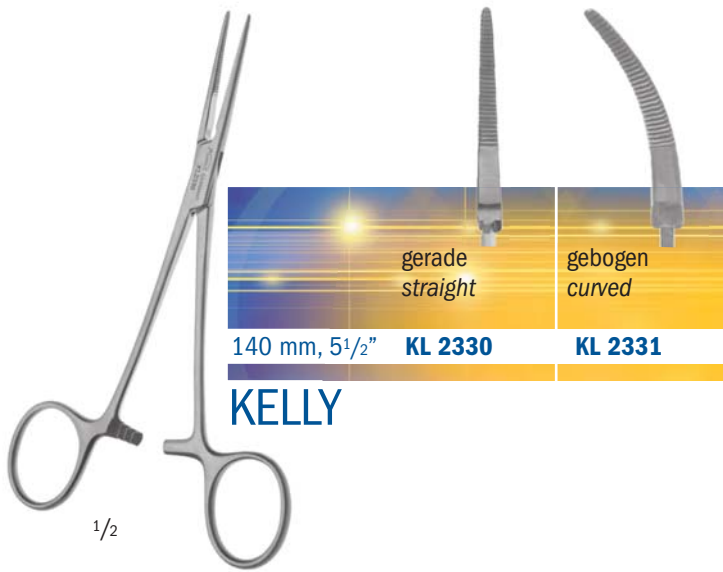
1/2



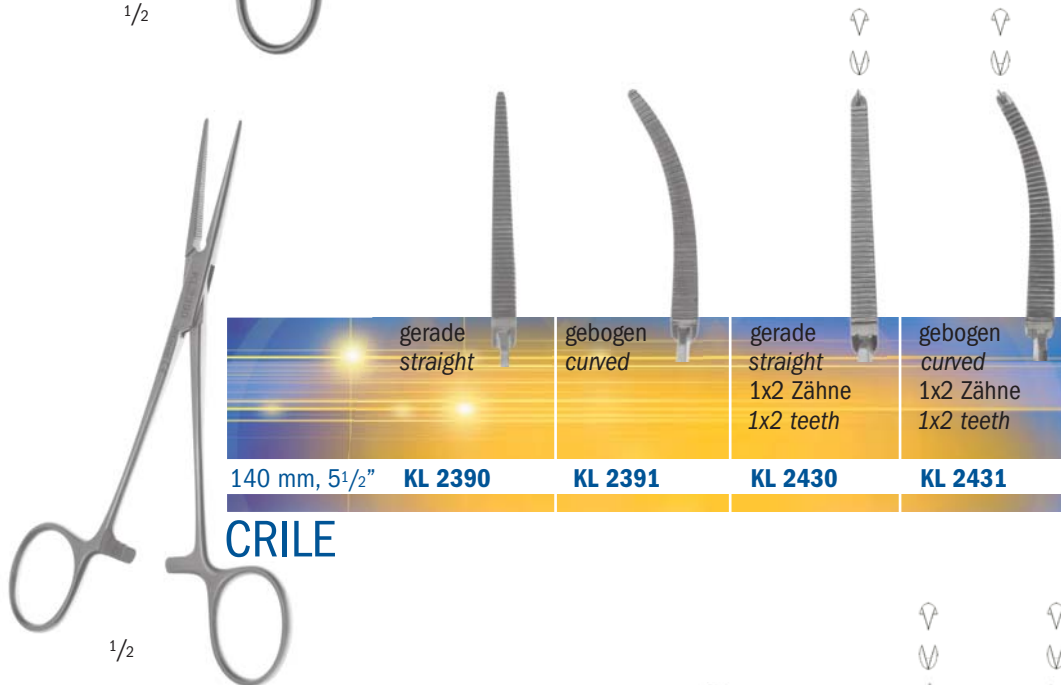
	gerade straight	gebogen curved	gerade straight 1x2 Zähne 1x2 teeth	gebogen curved 1x2 Zähne 1x2 teeth
125 mm, 5"	<b>KL 2230</b>	<b>KL 2231</b>	<b>KL 2290</b>	<b>KL 2291</b>
185 mm, 7¼"	<b>KL 2620</b>	<b>KL 2621</b>	<b>KL 2690</b>	<b>KL 2700</b>
200 mm, 8"			<b>KL 2710</b>	<b>KL 2711</b>

**HALSTED-MOSQUITO**

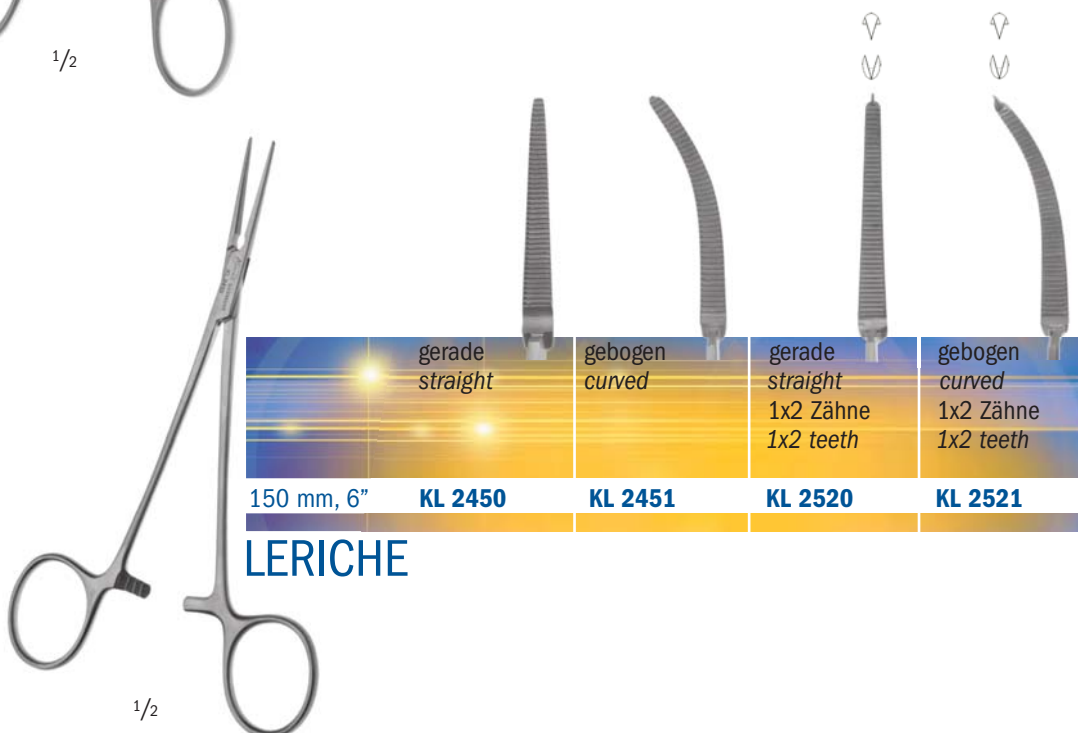
1/2



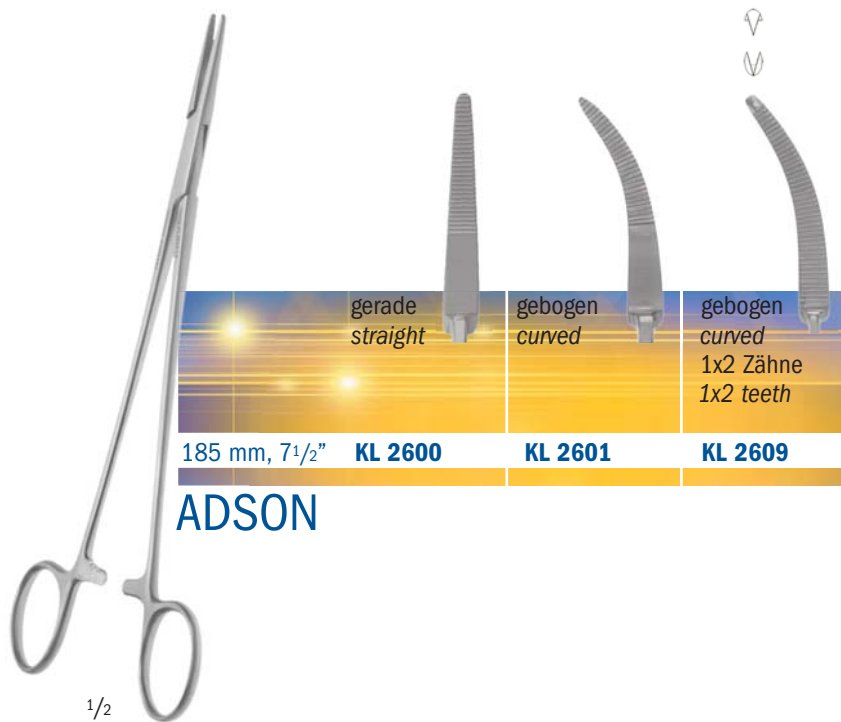
**KELLY**



**CRILE**



**LERICHE**

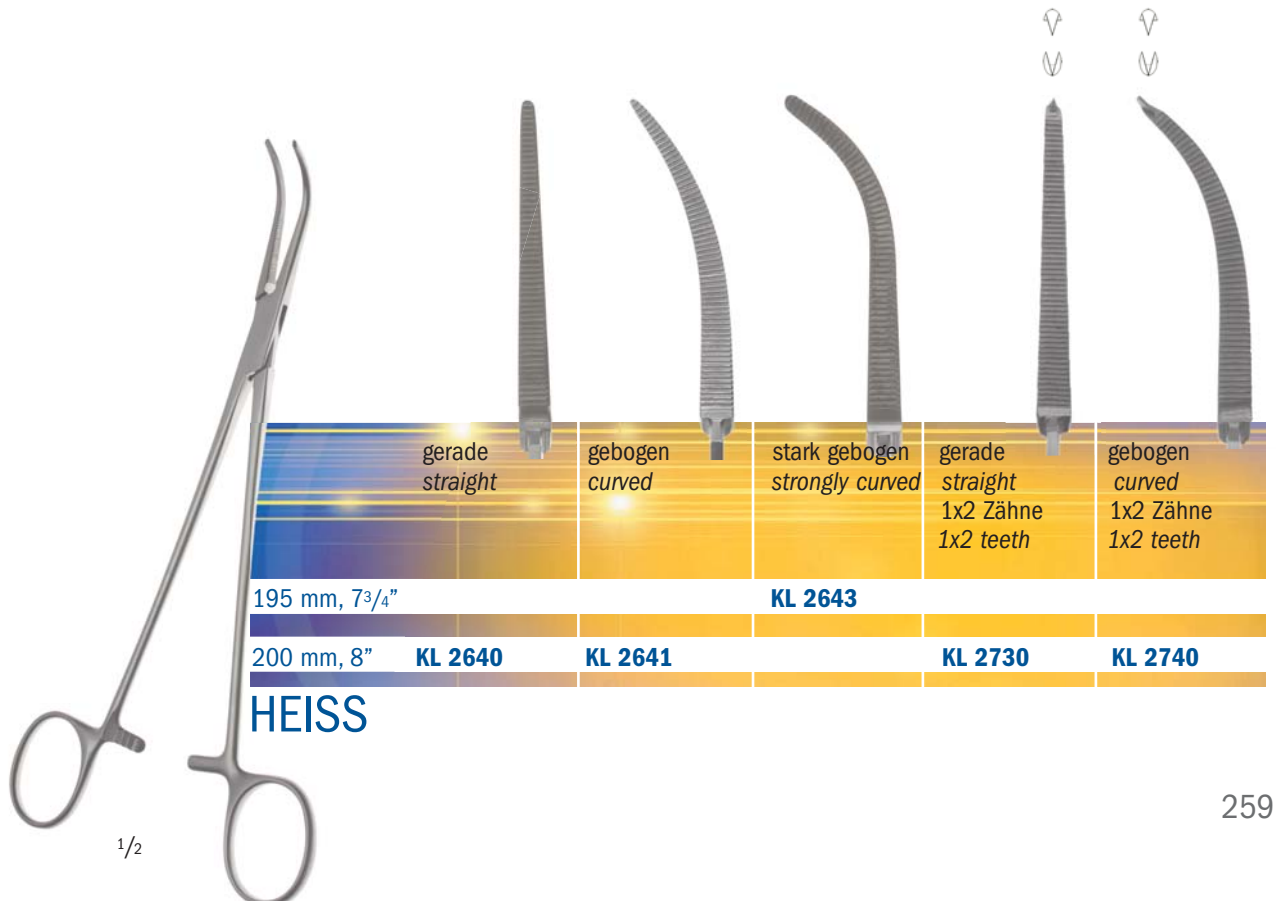




	gerade straight	gebogen curved	gerade straight 1x2 Zähne 1x2 teeth	gebogen curved 1x2 Zähne 1x2 teeth
200 mm, 8"	<b>KL 2888</b>	<b>KL 2889</b>	<b>KL 2838</b>	<b>KL 2839</b>
245 mm, 9 <sup>3</sup> / <sub>4</sub> "	<b>KL 2890</b>	<b>KL 2891</b>	<b>KL 2840</b>	<b>KL 2841</b>

**BENGOLA**

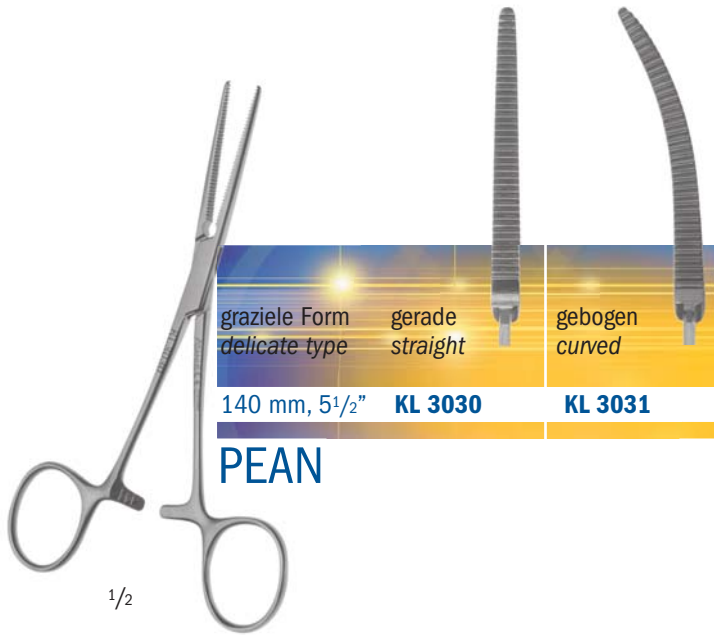
1/2



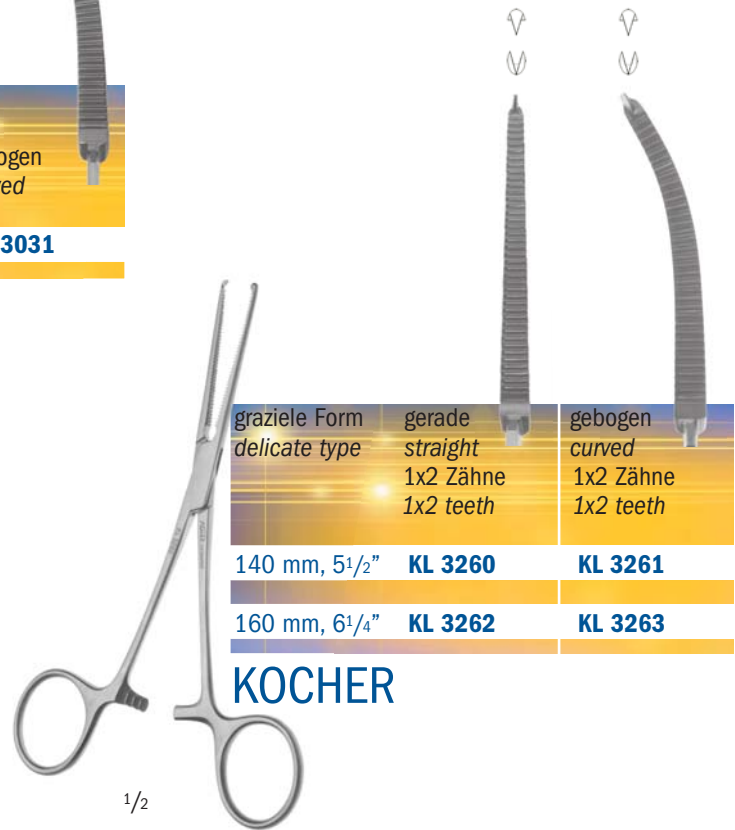
	gerade straight	gebogen curved	stark gebogen strongly curved	gerade straight 1x2 Zähne 1x2 teeth	gebogen curved 1x2 Zähne 1x2 teeth
195 mm, 7 <sup>3</sup> / <sub>4</sub> "			<b>KL 2643</b>		
200 mm, 8"	<b>KL 2640</b>	<b>KL 2641</b>		<b>KL 2730</b>	<b>KL 2740</b>

**HEISS**

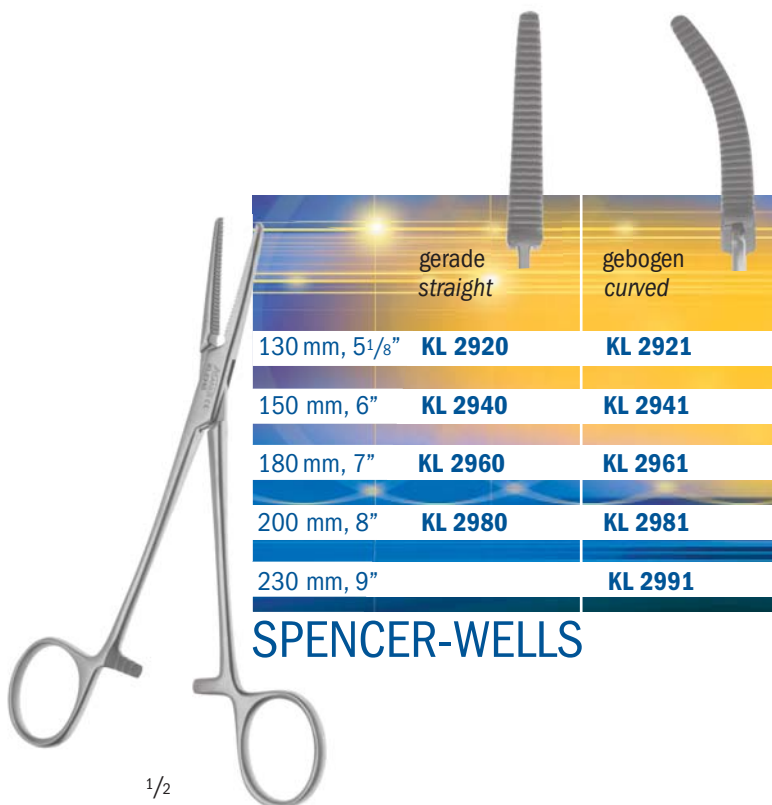
1/2



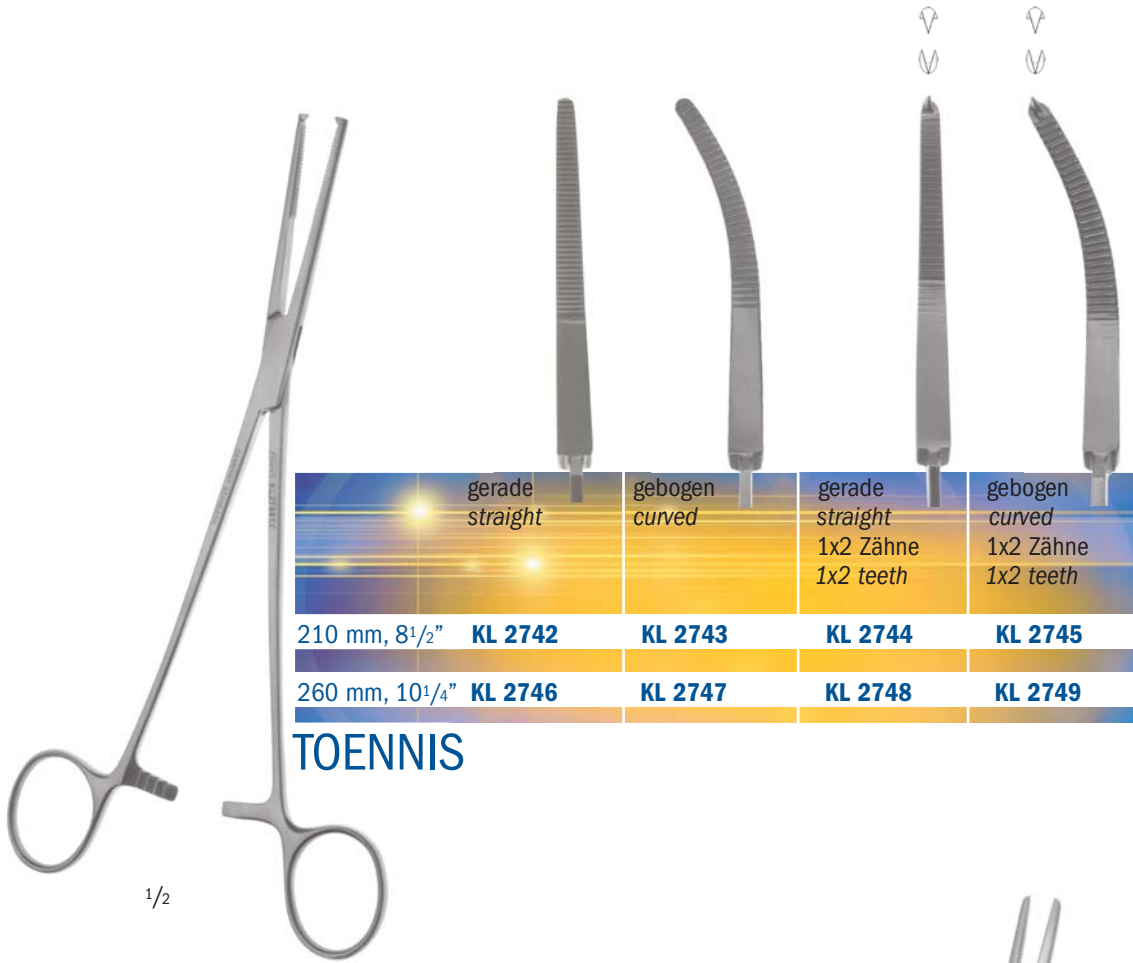
**PEAN**



**KOCHER**



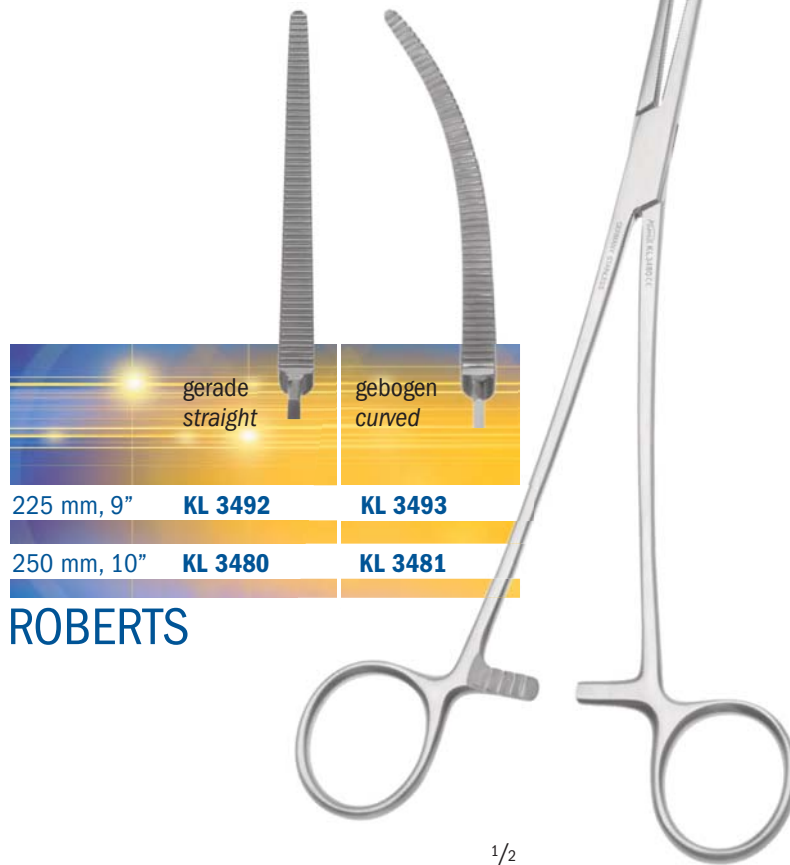
**SPENCER-WELLS**



	gerade straight	gebogen curved	gerade straight 1x2 Zähne 1x2 teeth	gebogen curved 1x2 Zähne 1x2 teeth
210 mm, 8 <sup>1</sup> / <sub>2</sub> "	<b>KL 2742</b>	<b>KL 2743</b>	<b>KL 2744</b>	<b>KL 2745</b>
260 mm, 10 <sup>1</sup> / <sub>4</sub> "	<b>KL 2746</b>	<b>KL 2747</b>	<b>KL 2748</b>	<b>KL 2749</b>

**TOENNIS**

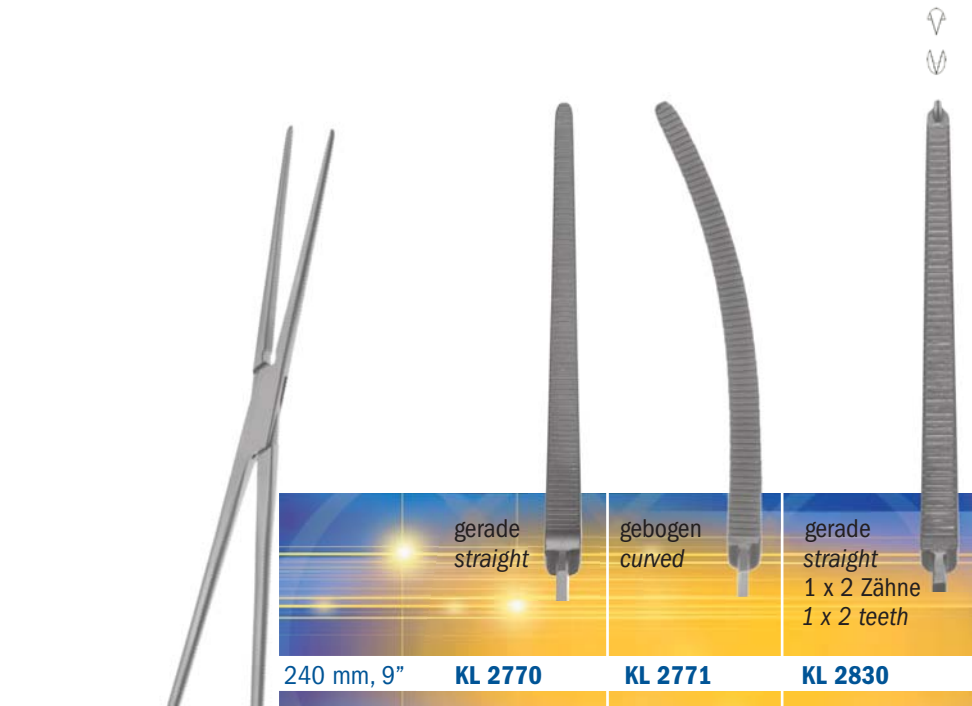
1/2



	gerade straight	gebogen curved
225 mm, 9"	<b>KL 3492</b>	<b>KL 3493</b>
250 mm, 10"	<b>KL 3480</b>	<b>KL 3481</b>

**ROBERTS**

1/2

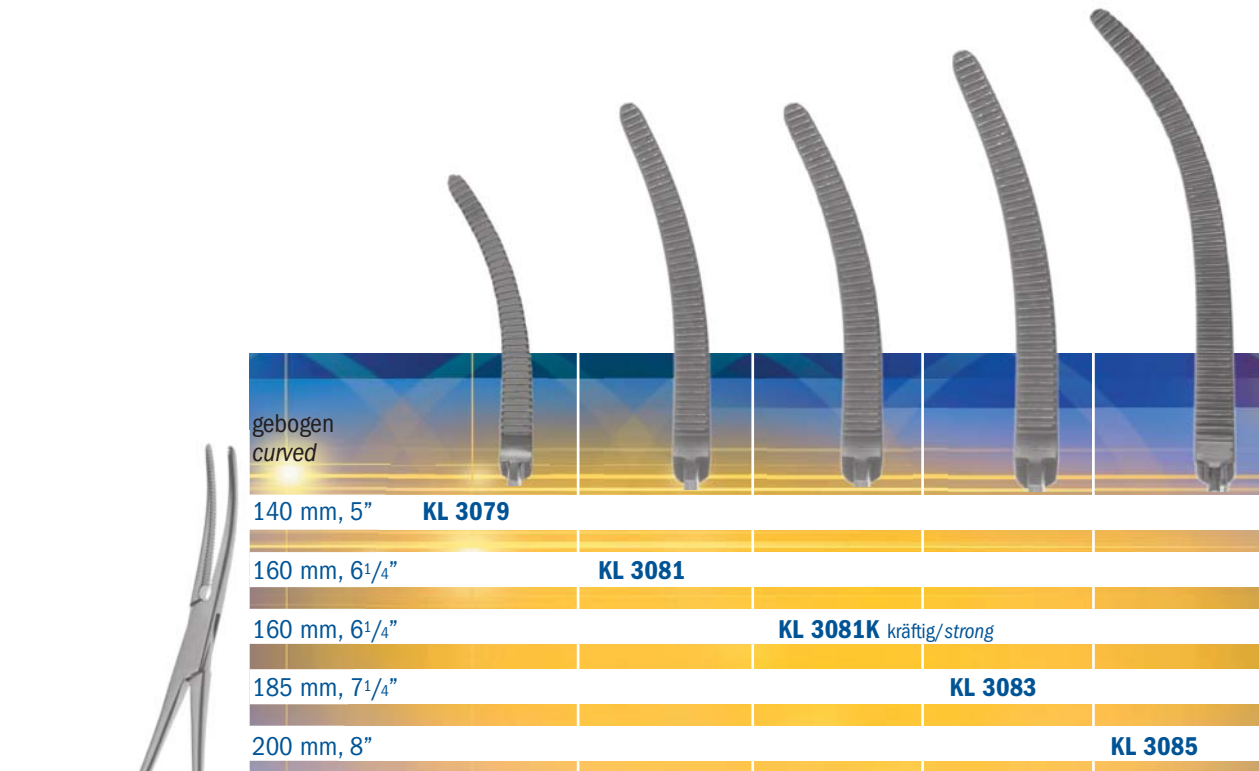


**SAROT**

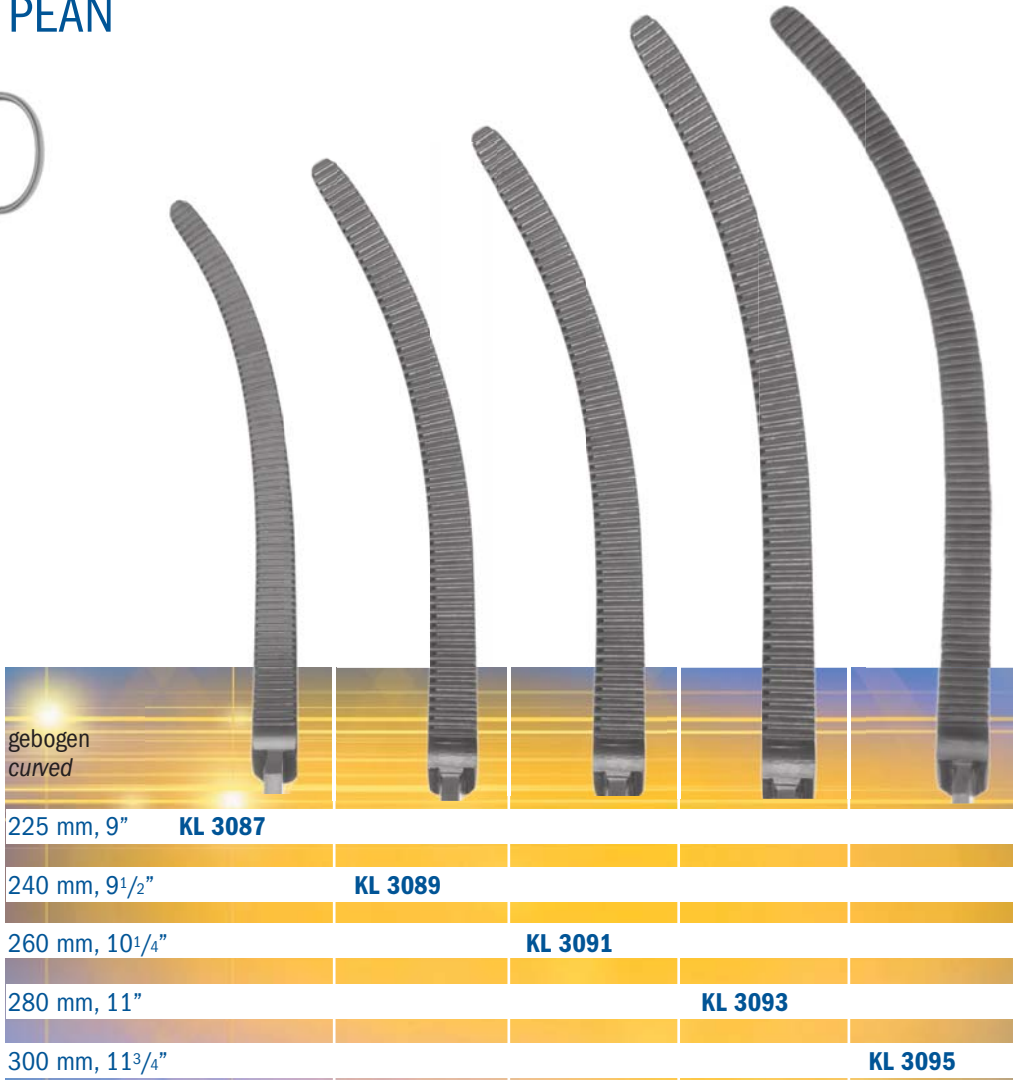


**ZENKER**

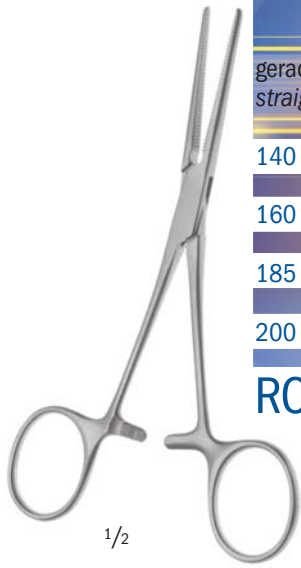








**PEAN**



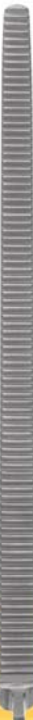




**PEAN**



gerade straight				
	140 mm, 5"	<b>KL 3078</b>		
	160 mm, 6 <sup>1</sup> / <sub>4</sub> "		<b>KL 3080</b>	
	185 mm, 7 <sup>1</sup> / <sub>4</sub> "			<b>KL 3082</b>
	200 mm, 8"			<b>KL 3084</b>

**ROCHESTER-PEAN**

gerade straight					
	225 mm, 9"	<b>KL 3086</b>			
	240 mm, 9 <sup>1</sup> / <sub>2</sub> "		<b>KL 3088</b>		
	260 mm, 10 <sup>1</sup> / <sub>4</sub> "			<b>KL 3090</b>	
	280 mm, 11"				<b>KL 3092</b>
	300 mm, 11 <sup>3</sup> / <sub>4</sub> "				<b>KL 3094</b>

**ROCHESTER-PEAN**



gewinkelt, 1 x 2 Zähne  
*curved, 1 x 2 teeth*

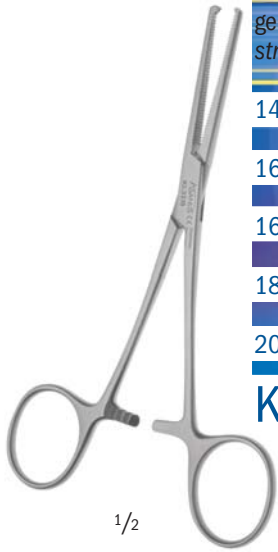
140 mm, 5"	<b>KL 3319</b>		
160 mm, 6 <sup>1</sup> / <sub>4</sub> "		<b>KL 3321</b>	
180 mm, 7"			<b>KL 3323</b>
200 mm, 8"			<b>KL 3325</b>

**KOCHER-OSHSNER**

gewinkelt, 1 x 2 Zähne  
*curved, 1 x 2 teeth*

220 mm, 9"	<b>KL 3327</b>		
240 mm, 9 <sup>1</sup> / <sub>2</sub> "		<b>KL 3329</b>	
265 mm, 10 <sup>1</sup> / <sub>4</sub> "			<b>KL 3331</b>
300 mm, 11 <sup>3</sup> / <sub>4</sub> "			<b>KL 3335</b>

**KOCHER-OSHSNER**

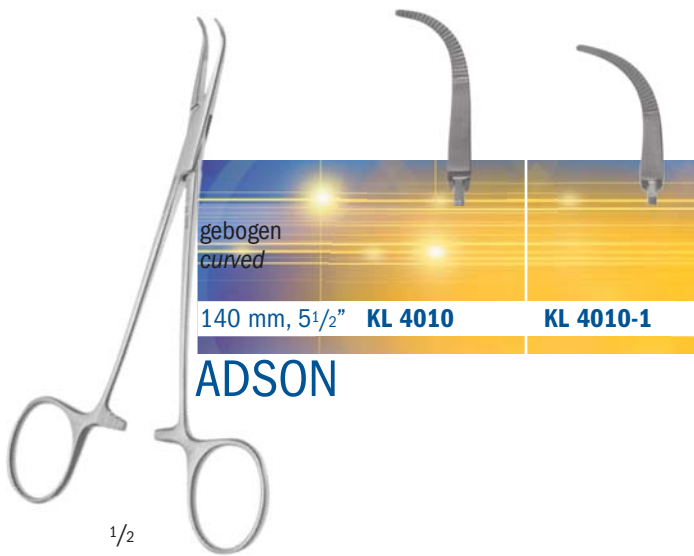


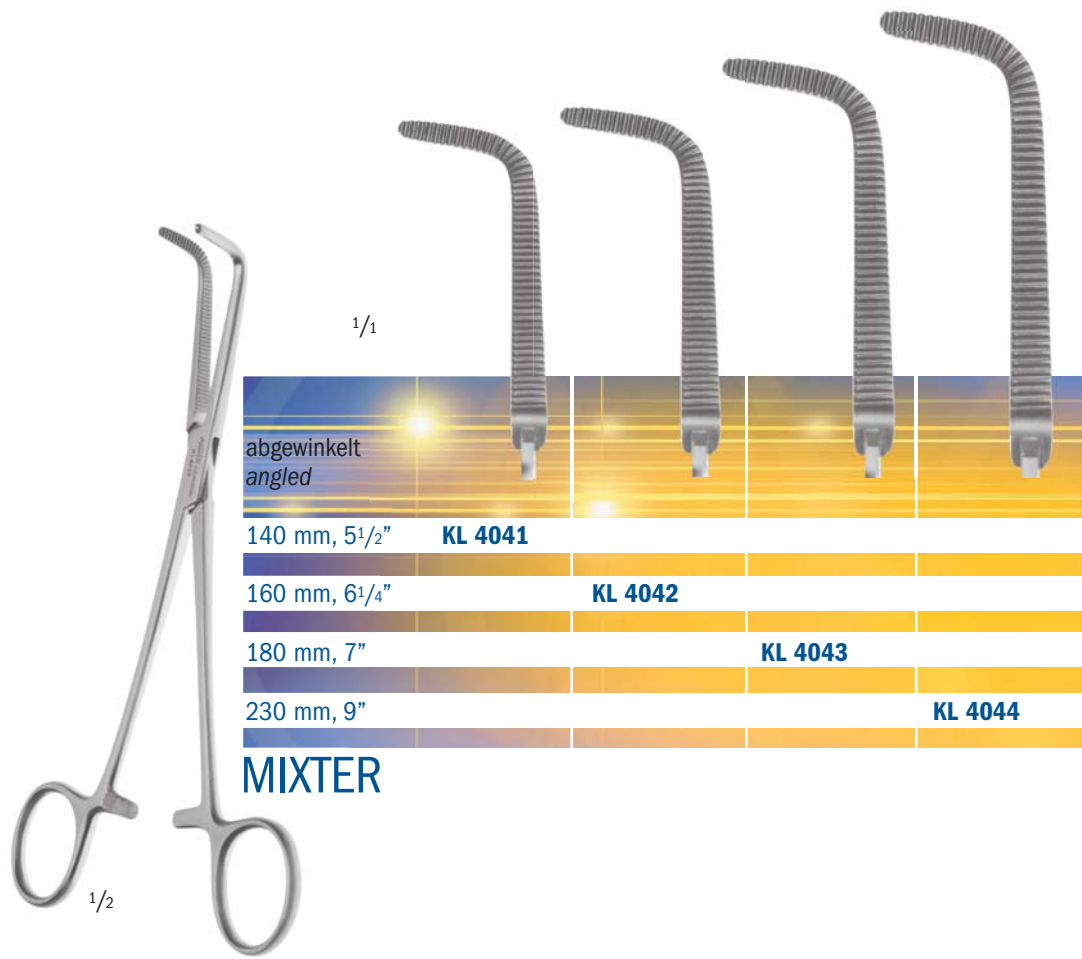
gerade, 1 x 2 Zähne straight, 1 x 2 teeth					
140 mm, 5"	<b>KL 3318</b>				
160 mm, 6 <sup>1</sup> / <sub>4</sub> "		<b>KL 3320</b>			
160 mm, 6 <sup>1</sup> / <sub>4</sub> "			<b>KL 3320K</b> kräftig/strong		
180 mm, 7"				<b>KL 3322</b>	
200 mm, 8"					<b>KL 3324</b>

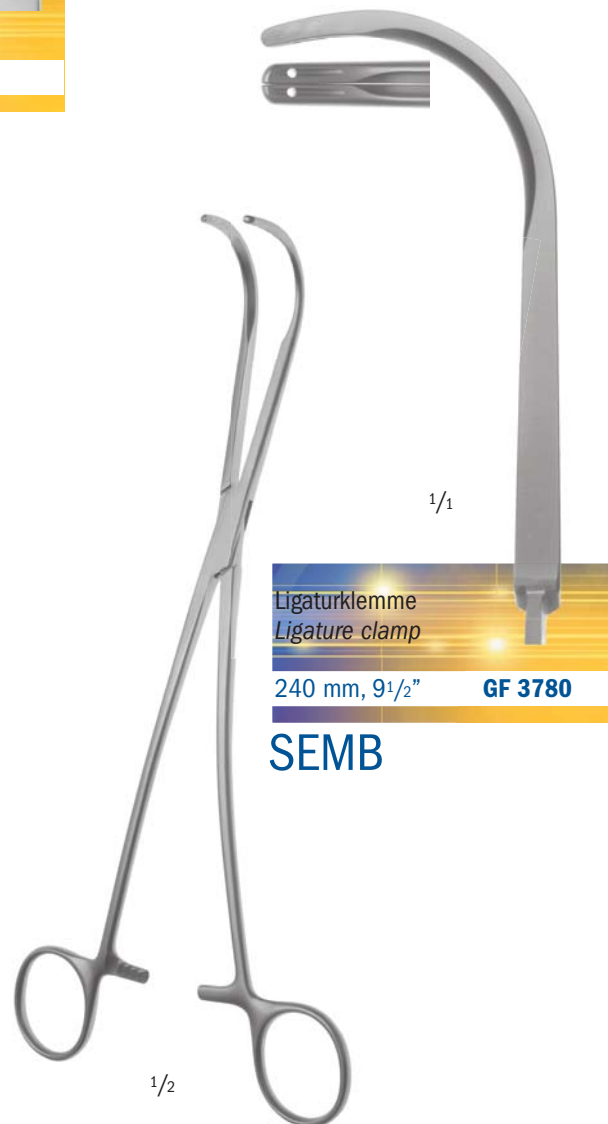
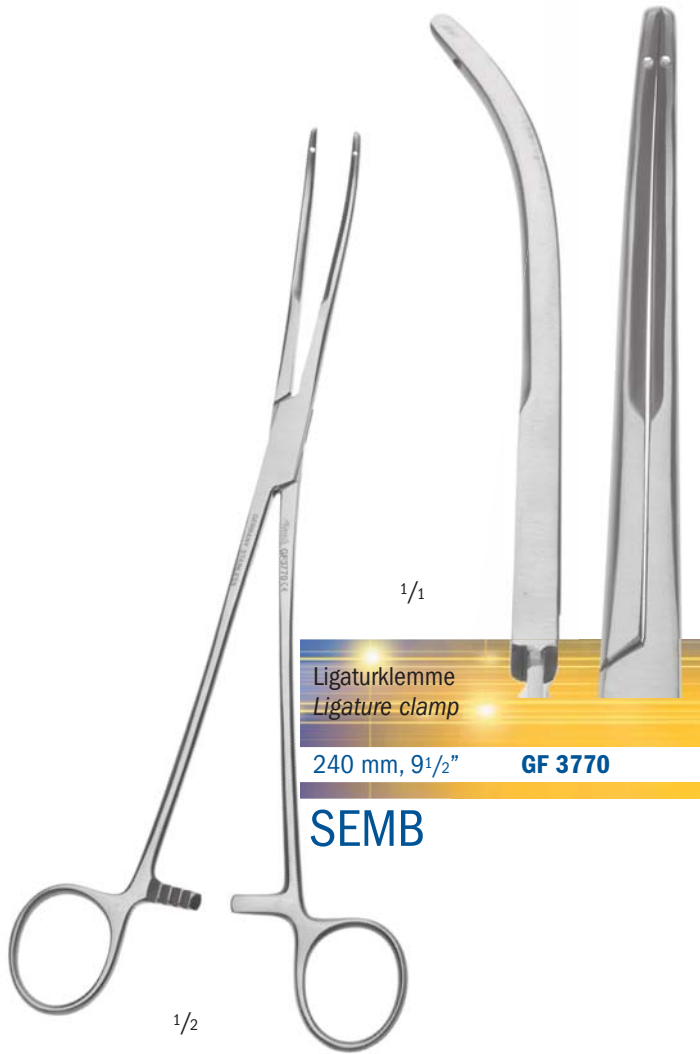
**KOCHER-OCHSNER**

gerade, 1 x 2 Zähne straight, 1 x 2 teeth				
220 mm, 9"	<b>KL 3326</b>			
240 mm, 9 <sup>1</sup> / <sub>2</sub> "		<b>KL 3328</b>		
265 mm, 10 <sup>1</sup> / <sub>4</sub> "			<b>KL 3330</b>	
300 mm, 11 <sup>3</sup> / <sub>4</sub> "				<b>KL 3332</b>

**KOCHER-OCHSNER**









**S-gebogen**  
**S-curved**

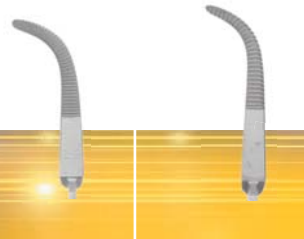
150 mm, 6"

**KL 2593**

185 mm, 7<sup>1</sup>/<sub>4</sub>"

**KL 2594**

**HOLLE**



fein, elastisch  
*fine, elastic*

gerade  
*straight*

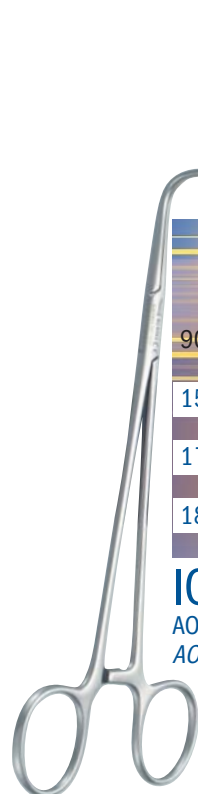
gebogen  
*curved*

150 mm, 6"

**KL 2242**

**KL 2243**

**STRELI**

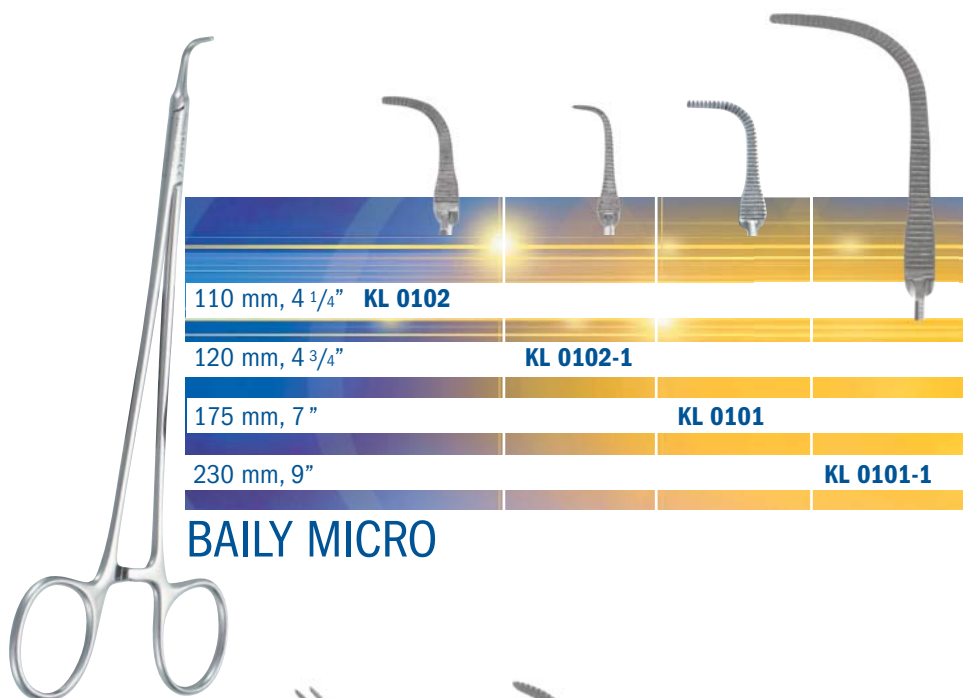


	MICRO <i>for Neonatal</i> Aorta Diameter 8-10 mm	MINI <i>for Infants</i> Aorta Diameter 14-16 mm	STANDARD <i>for Teens</i> Aorta Diameter 20-26 mm
90° angled			
150 mm, 6"	<b>KL 4051</b>		
170 mm, 6 <sup>3</sup> / <sub>4</sub> "		<b>KL 4052</b>	
180 mm, 7"			<b>KL 4053</b>

**IORIO**

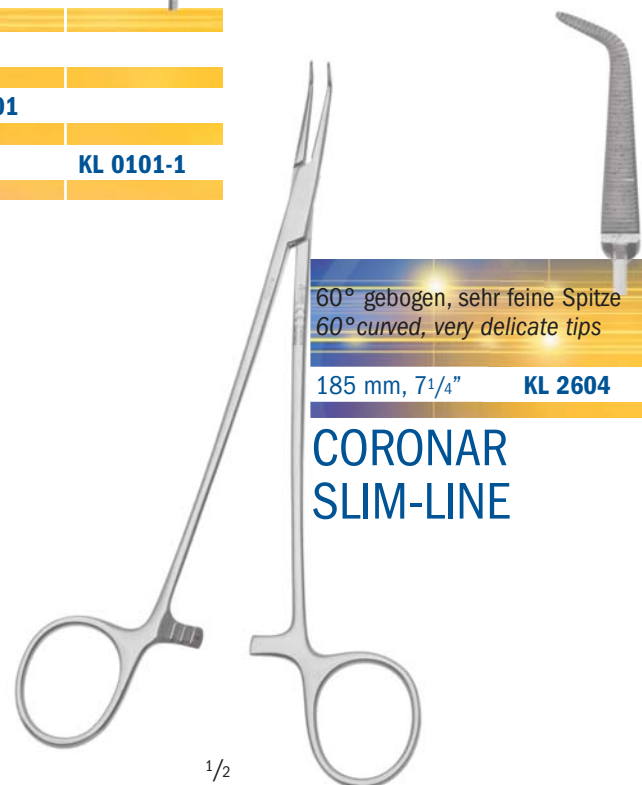
AORTA PRÄPARIERKLEMME FÜR DIE KINDERCHIRURGIE  
AORTA DISSECTING CLAMPS FOR PEDIATRIC SURGERY





110 mm, 4 1/4"	<b>KL 0102</b>
120 mm, 4 3/4"	<b>KL 0102-1</b>
175 mm, 7"	<b>KL 0101</b>
230 mm, 9"	<b>KL 0101-1</b>

**BAILY MICRO**



60° gebogen, sehr feine Spitze  
60° curved, very delicate tips

185 mm, 7 1/4" **KL 2604**

**CORONAR SLIM-LINE**



stark gebogen  
strongly curved

150 mm, 6" **KL 4384**

**MICRO-OVERHOLT**



gebogen  
curved

180 mm, 7" **KL 2607**

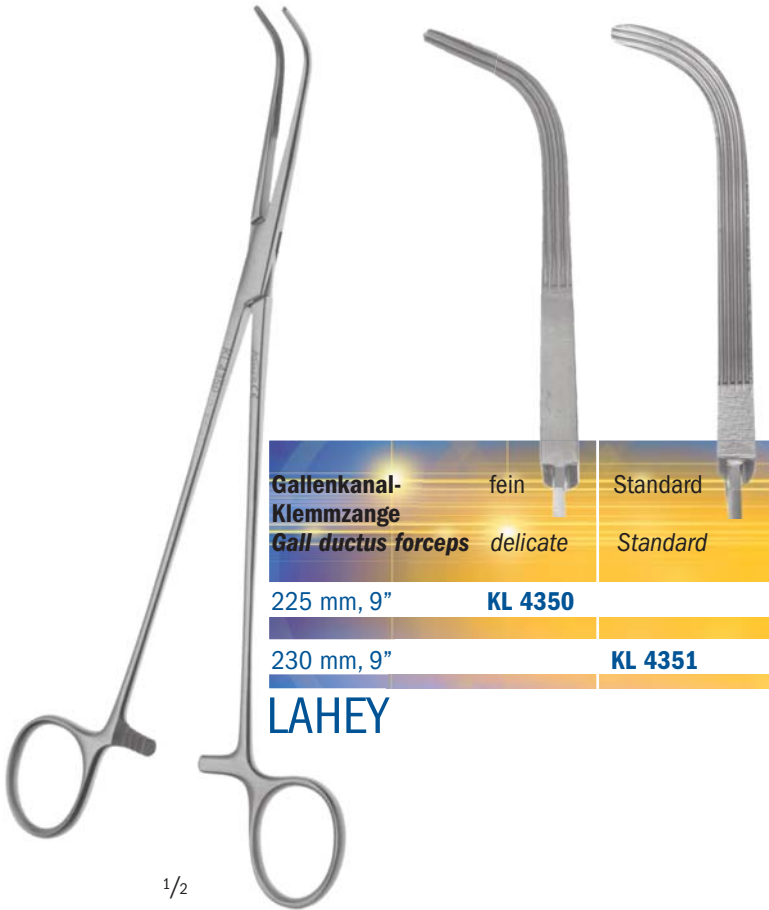
**ADSON**



gebogen, delicat  
curved, delicate

185 mm, 7 1/4" **KL 2602**

**ADSON**



<b>Gallenkanal-Klemmzange</b>	fein	Standard
<b>Gall ductus forceps</b>	delicate	Standard

225 mm, 9" **KL 4350**

230 mm, 9" **KL 4351**

**LAHEY**

1/2



gebogen  
curved

180 mm, 7" **KL 2623**

**HALSTED-FINO**

1/2

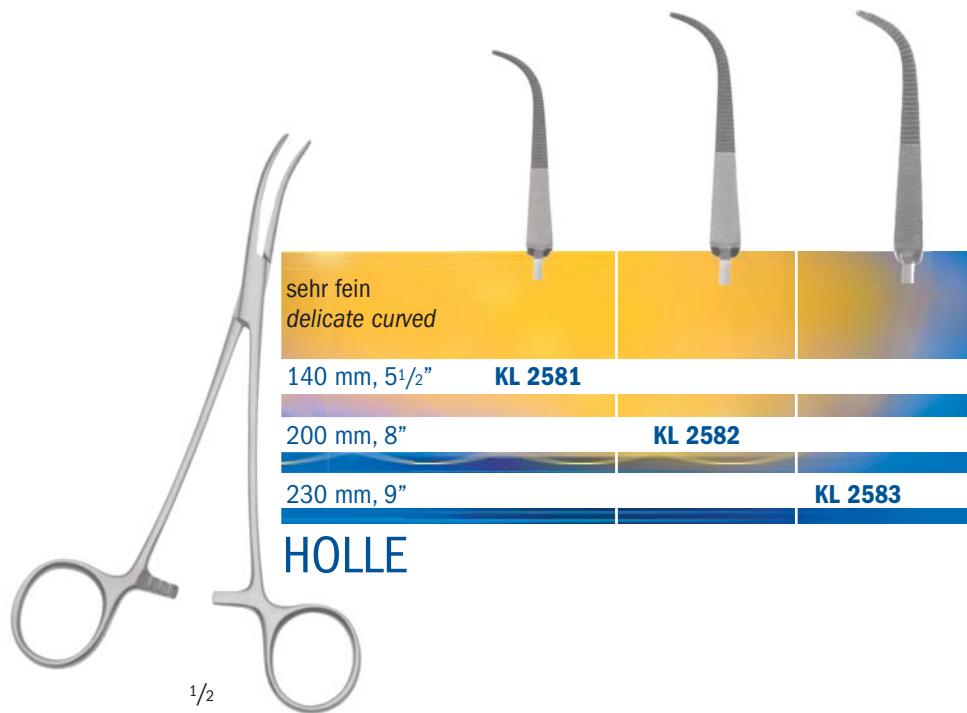


gebogen  
curved

180 mm, 7" **KL 4040**

**BABY-MIXTER**

1/2



gebogen curved			
130 mm, 5"	<b>KL 4111</b>		
160 mm, 6 <sup>1</sup> / <sub>4</sub> "		<b>KL 4112</b>	
185 mm, 7 <sup>1</sup> / <sub>4</sub> "			<b>KL 4113</b>
200 mm, 8"			<b>KL 4114</b>

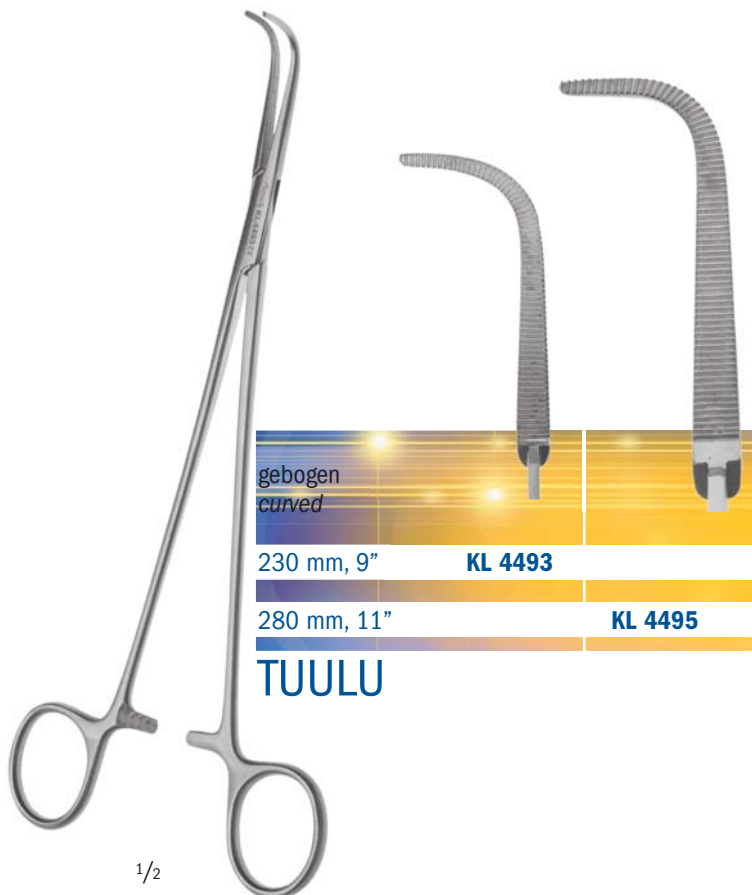
**DE BAKEY MIXTER**

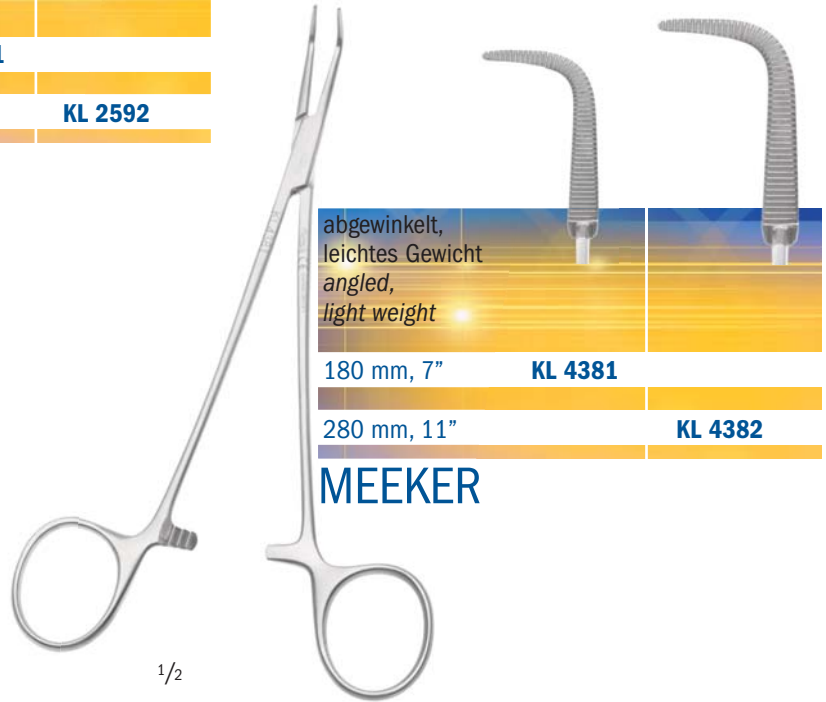
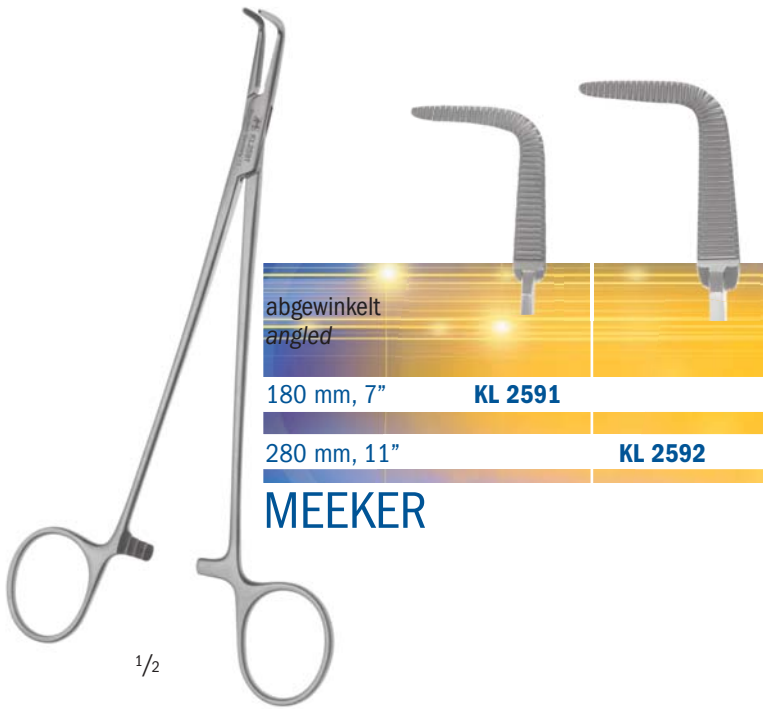
gebogen curved		
230 mm, 9"	<b>KL 4115</b>	
250 mm, 10"		<b>KL 4116</b>
280 mm, 11"		<b>KL 4117</b>








**DE BAKEY MIXTER**



1/1

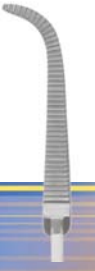


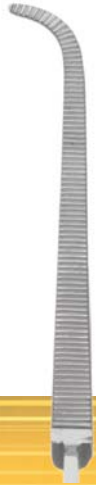




gebogen curved							
130 mm, 5 <sup>1</sup> / <sub>8</sub> "	<b>KL 4479</b>						
160 mm, 6 <sup>1</sup> / <sub>4</sub> "		<b>KL 4480</b>					
180 mm, 7"			<b>KL 4481</b>				
200 mm, 8"				<b>KL 4482</b>			
230 mm, 9"					<b>KL 4483</b>		
250 mm, 10"						<b>KL 4484</b>	
280 mm, 11"							<b>KL 4485</b>

GEMINI



gebogen curved				
180 mm, 7"	<b>KL 4471</b>			
220 mm, 8 <sup>3</sup> / <sub>4</sub> "		<b>KL 4473</b>		
250 mm, 10"			<b>KL 4474</b>	
280 mm, 11"				<b>KL 4475</b>

GEMINI MINI

gebogen curved						
210 mm, 8 1/2"	<b>KL 4400</b>					
215 mm, 8 1/4"		<b>KL 4410</b>				
220 mm, 8 3/4"			<b>KL 4420</b>			
225 mm, 9"				<b>KL 4430</b>		
225 mm, 9"					<b>KL 4440</b>	
295 mm, 12"						<b>KL 4450</b>


**OVERHOLT  
SLIM LINE**




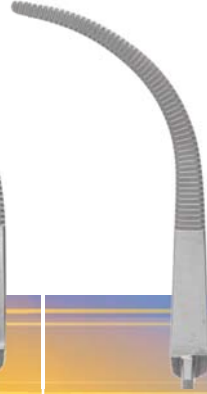


1/2

gebogen curved			
300 mm, 12"	<b>KL 4455</b>		
295 mm, 12"		<b>KL 4460</b>	
300 mm, 12"			<b>KL 4470</b>





S-gebogen S-curved				
185 mm, 7 <sup>1</sup> / <sub>4</sub> "	<b>KL 4070</b>			
210 mm, 8 <sup>1</sup> / <sub>4</sub> "		<b>KL 4080</b>		
215 mm, 8 <sup>1</sup> / <sub>2</sub> "			<b>KL 4090</b>	
220 mm, 8 <sup>3</sup> / <sub>4</sub> "				<b>KL 4100</b>

**OVERHOLT-S**



fein delicate		
260 mm, 10 <sup>1</sup> / <sub>4</sub> "	<b>KL 4530</b>	
270 mm, 10 <sup>3</sup> / <sub>4</sub> "		<b>KL 4540</b>

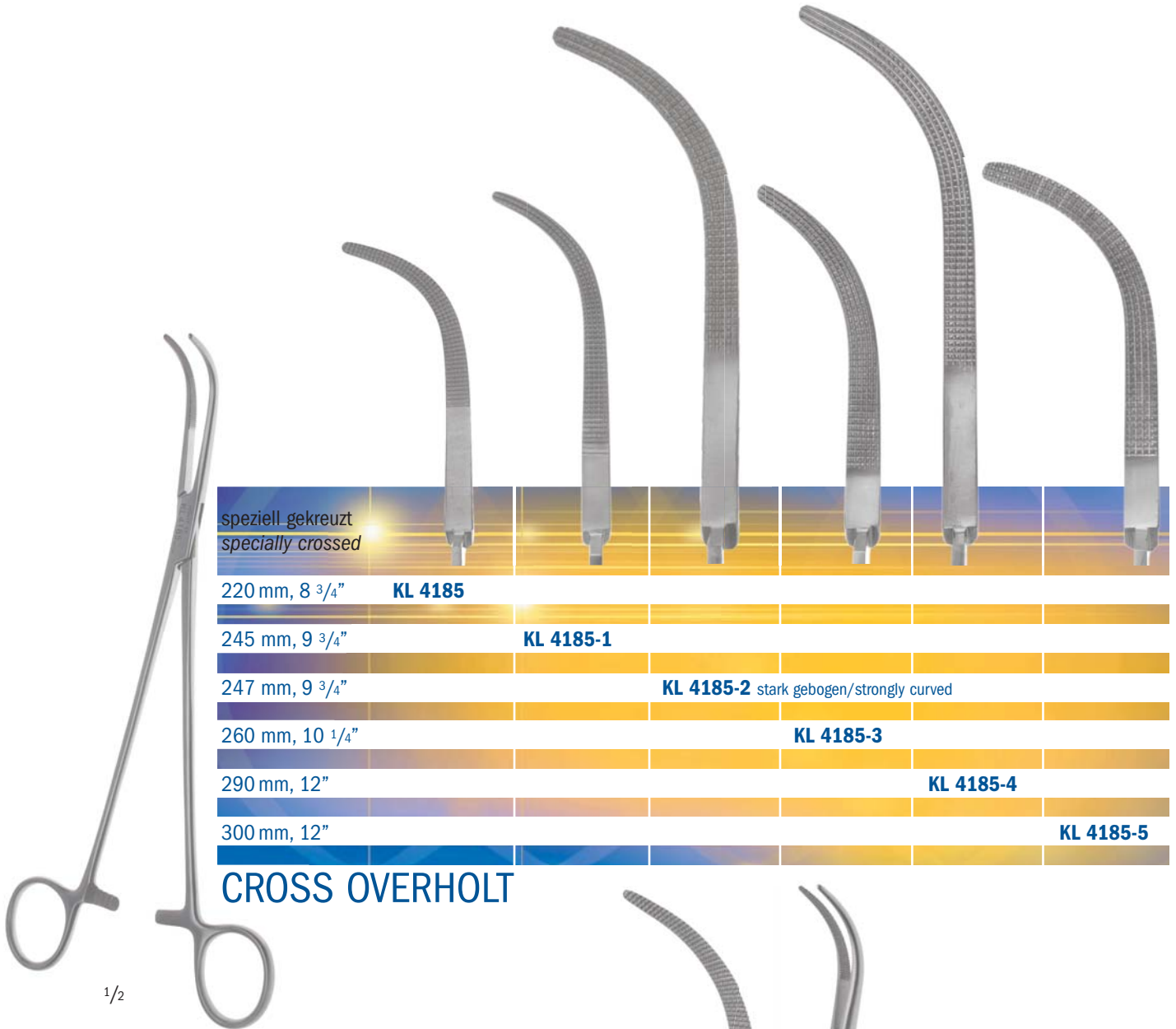
**OVERHOLT  
DELICATE**

gebogen curved	Fig.0	Fig.1	Fig.2	Fig.3	Fig.4	Fig.5	Fig.6
195 mm, 7 <sup>3</sup> / <sub>4</sub> "	<b>KL 4120</b>						
210 mm, 8 <sup>3</sup> / <sub>4</sub> "		<b>KL 4130</b>			<b>KL 4160</b>		
220 mm, 8 <sup>3</sup> / <sub>4</sub> "			<b>KL 4140</b>				
225 mm, 9"							<b>KL 4180</b>
230 mm, 9"				<b>KL 4150</b>		<b>KL 4170</b>	
240 mm, 9 <sup>1</sup> / <sub>2</sub> "			<b>KL 4141</b>				<b>KL 4181</b>
260 mm, 10 <sup>1</sup> / <sub>4</sub> "		<b>KL 4190</b>					
270 mm, 10 <sup>3</sup> / <sub>4</sub> "	<b>KL 4184</b>		<b>KL 4200</b>		<b>KL 4220</b>		<b>KL 4232</b>
275 mm, 10 <sup>3</sup> / <sub>4</sub> "				<b>KL 4210</b>			
280 mm, 11"						<b>KL 4230</b>	
350 mm, 14"			<b>KL 4204</b>				

## OVERHOLT- GEISSENDOERFER



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



**CROSS OVERHOLT**

1/2

kreuzgerieft in Karoformat  
cross serrated for suture fixation

210 mm, 8 1/4" **KL 4188**

**OVERHOLT N. SUEMERMANN**



1/2



gebogen  
curved

Fig.1

1/1

Fig.2

295 mm, 12"

**GF 3689**

305 mm, 12"

**GF 3687**

**HARRINGTON**



1/1

gebogen  
curved

Zahn links  
tooth left

Zahn rechts  
tooth right

230 mm, 9"

**GF 3721**

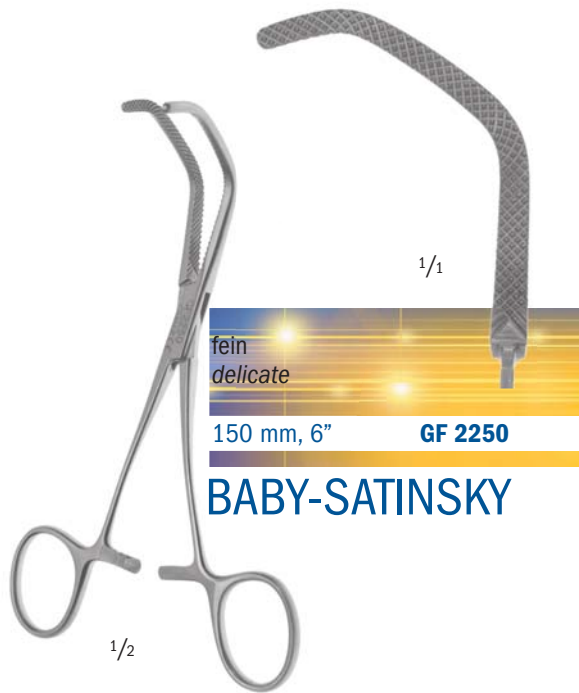
**GF 3722**

**SAROT**



1/2





fein  
delicate  
150 mm, 6" **GF 2250**

**BABY-SATINSKY**

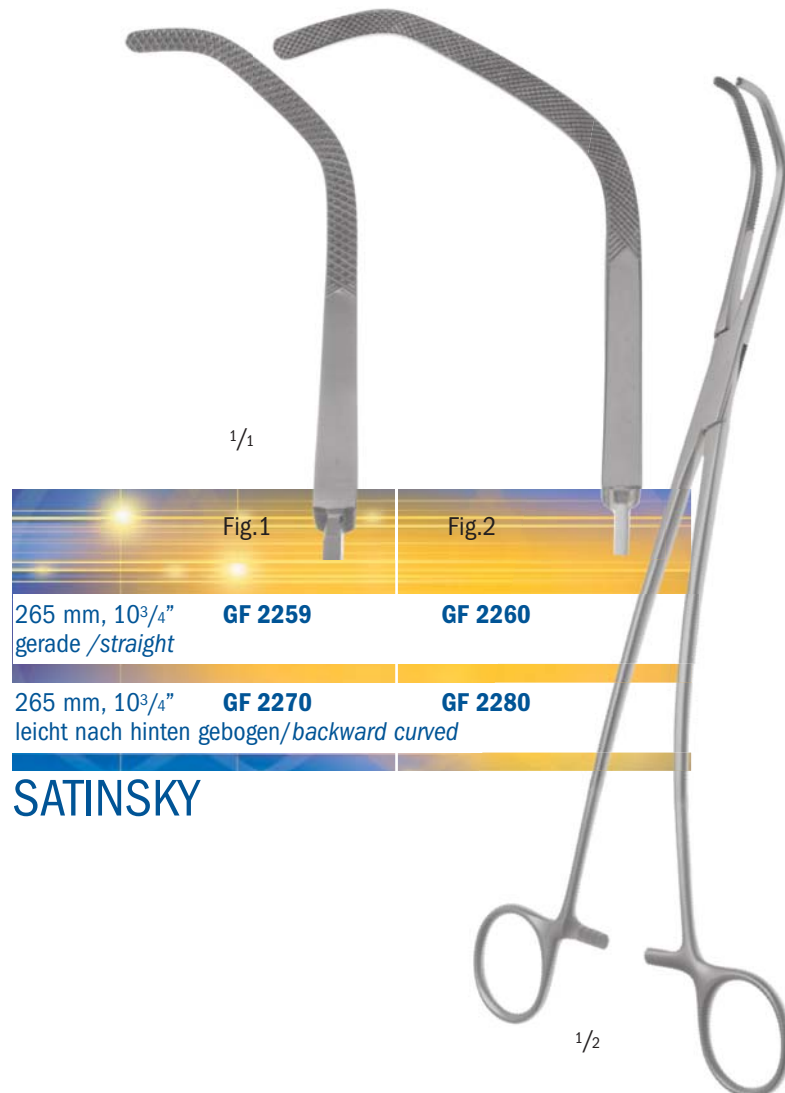


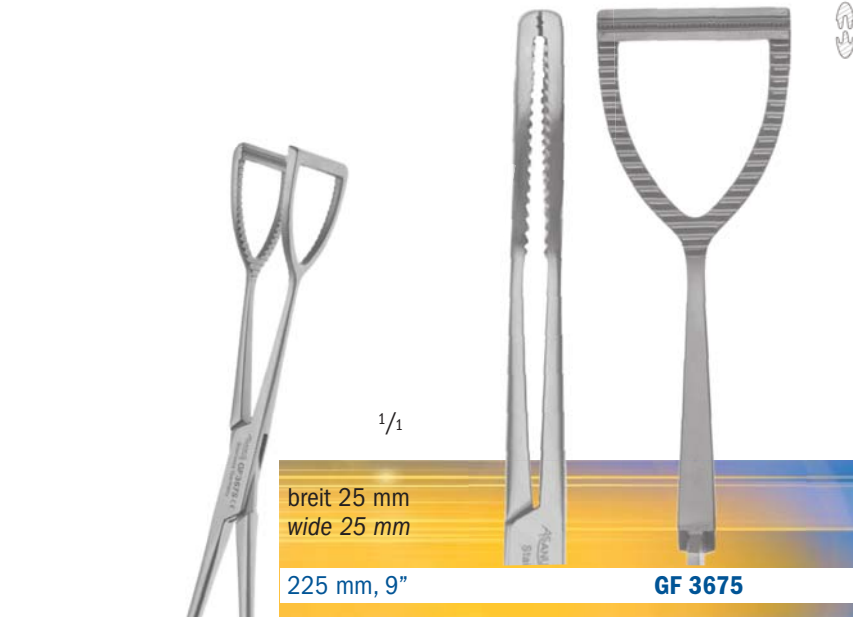
Fig.1	Fig.2
<b>GF 2259</b>	<b>GF 2260</b>
265 mm, 10 <sup>3</sup> / <sub>4</sub> " gerade /straight	
<b>GF 2270</b>	<b>GF 2280</b>
265 mm, 10 <sup>3</sup> / <sub>4</sub> " leicht nach hinten gebogen/backward curved	

**SATINSKY**





DE BAKEY Small Grip



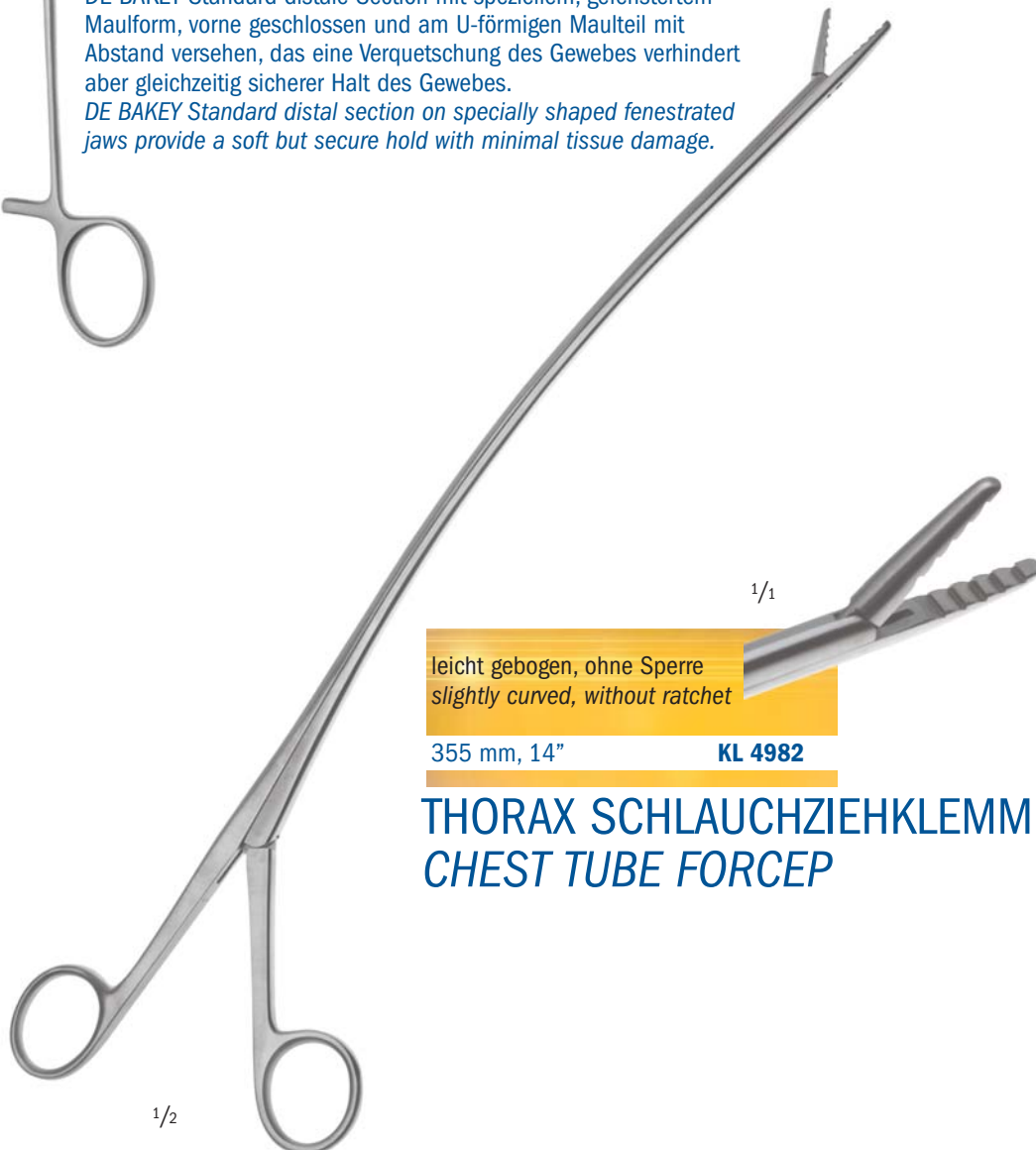
## DE BAKEY

DE BAKEY Standard distale Section mit speziellem, gefensterter Maulform, vorne geschlossen und am U-förmigen Maulteil mit Abstand versehen, das eine Verquetschung des Gewebes verhindert aber gleichzeitig sicherer Halt des Gewebes.

*DE BAKEY Standard distal section on specially shaped fenestrated jaws provide a soft but secure hold with minimal tissue damage.*



1/2



1/1

leicht gebogen, ohne Sperre  
*slightly curved, without ratchet*

355 mm, 14"

**KL 4982**

## THORAX SCHLAUCHZIEHKLEMMME CHEST TUBE FORCEP





	komplett mit Obturator <i>complete with obturator</i>	Nutzlänge <i>working length</i>	Trokarhülse allein <i>trocac sleeve only</i>	Obturator allein <i>obturator only</i>
Ø 6 mm	<b>TR 00800</b>	50 mm	<b>TR 00803</b>	<b>TR 00806</b>
Ø 11 mm	<b>TR 00801</b>	50 mm	<b>TR 00804</b>	<b>TR 00807</b>
Ø 13 mm	<b>TR 00802</b>	50 mm	<b>TR 00805</b>	<b>TR 00808</b>

**THORAX-TROKARE** starr  
**THORACIC TROCARS** rigid



	komplett mit Obturator <i>complete with obturator</i>	Nutzlänge <i>working length</i>	Trokarhülse allein <i>trocac sleeve only</i>	Obturator allein <i>obturator only</i>	flexible Kunststoff- rohre, Pack. a 5 St. <i>flexible silicon tubes 5 pcs/pack</i>
Ø 6 mm	<b>TR 00809</b>	100 mm	<b>TR 00813</b>	<b>TR 00817</b>	<b>TR 00821</b>
Ø 6 mm	<b>TR 00810</b>	70 mm	<b>TR 00814</b>	<b>TR 00818</b>	<b>TR 00822</b>
Ø 11 mm	<b>TR 00811</b>	100 mm	<b>TR 00815</b>	<b>TR 00819</b>	<b>TR 00823</b>
Ø 13 mm	<b>TR 00812</b>	70 mm	<b>TR 00816</b>	<b>TR 00820</b>	<b>TR 00824</b>

**THORAX-TROKARE** flexibel  
**THORACIC TROCARS** flexible

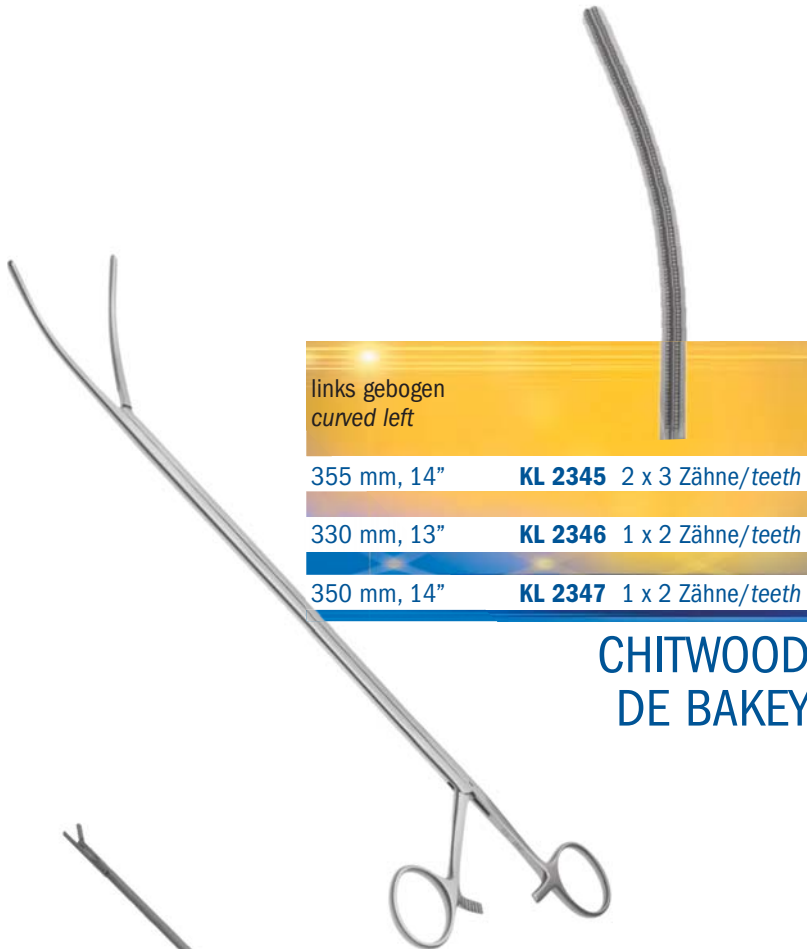
Wundspreizer, dicke Ausführung  
*Wound retractor, thick design*

165 mm, 6<sup>3</sup>/<sub>4</sub>" **WH 5370-1**

## MAYO-ADAMS

FÜR THORAX INDIKATION BEI DER  
MINIMAL INVASIVEN CHIRURGIE  
*FOR THORAX RETRACTION AT MIS*





links gebogen  
curved left

355 mm, 14" **KL 2345** 2 x 3 Zähne/teeth

330 mm, 13" **KL 2346** 1 x 2 Zähne/teeth

350 mm, 14" **KL 2347** 1 x 2 Zähne/teeth

## CHITWOOD DE BAKY



Ø 5 mm  
Ø 5 mm

330 mm **EN 2501**

## ENDO-Nadelhalter ENDO-Needle Holder

Hartmetall, 30° Axialgriff mit Sperre,  
Spülanschluß, Supergrip Maulinlay  
Hard metal, 30° axial handle with ratchet,  
flushing port, Supergrip mouthpart



1/1

Ø 6 mm  
Ø 6 mm

440 mm, 18" **SG 0046**

## VIGANO

Gefäßsauger  
Vascular Suction Tube

1/2

Innovative ASANUS MIC Instrumente für Valvenchirurgie, Ultra-Leichtgewicht, perfekte Balance, TOP GRIP Griff und integriertem Spülgang.

*Innovative ASANUS MIC Instruments for valve surgery, ultra-lightweight, perfectly balanced, TOP GRIP handle and integrated cleaning channel.*



Scheren  
Scissors

**EN 7400** 15° gebogen/15° curved

**EN 7401** 30° gebogen/30° curved

**EN 7402** 70° gebogen/70° curved

**EN 7410** 45° Potts/45° Potts-style

**EN 7413** 125° Potts/125° Potts-style

Nadelhalter mit Sperre  
Needle holder with ratchet

**EN 7420** TC gerade/TC straight

**EN 7421** TC gebogen/TC curved

**EN 7422** TC Ryder/TC Ryder

**EN 7426** TC gebogen, fein 3mm/TC curved,  
mini jaw, fine 3 mm shaft

Standard Arbeitslänge 230 mm,  
für Arbeitslänge 170 mm fügen Sie ein "S" zur Artikelnummer,  
für Arbeitslänge 330 mm fügen Sie ein "L" zur Artikelnummer bei der Bestellung.  
*Standard working length 230 mm,  
for 170 mm working length add "S" behind article number,  
for 330 mm working length add "L" behind article number when ordering.*

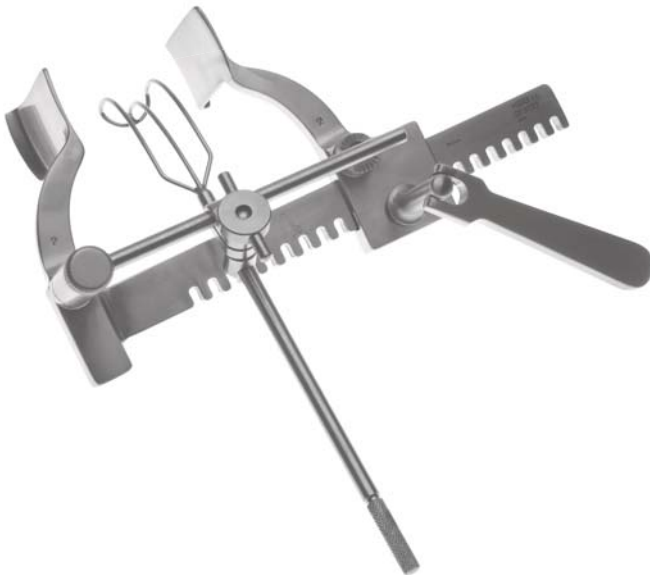
	<p>DeBakey Faszangens          DeBakey Graspers</p>
	<p><b>EN 7430</b> 1x2 Zähne, schmal/          1x2 AG, small jaw</p>
	<p><b>EN 7431</b> 1x2 Zähne, schmal, aufgebogen/          1x2 AG, small jaw, angled upwards</p>
	<p><b>EN 7432</b> 1x2 Zähne, schmal, seitr. gebogen/          1x2 AG, small jaw, curved to side</p>
	<p><b>EN 7434</b> Resano/Resano jaw for valves</p>
	<p><b>EN 7435</b> 2x3 Zähne, breit/2x3 AG, wide jaw</p>
	<p>Knotenschieber          Knot Pusher</p>
	<p><b>EN 7440</b> 15° gebogen/15° curved</p>

Standard Arbeitslänge 230 mm,  
 für Arbeitslänge 170 mm fügen Sie ein "S" zur Artikelnummer,  
 für Arbeitslänge 330 mm fügen Sie ein "L" zur Artikelnummr bei der Bestellung.  
 Standard working length 230 mm,  
 for 170 mm working length add "S" behind article number,  
 for 330 mm working length add "L" behind article number when ordering.



**GF 3121**

Valvensperrer für die MINI Thoracotomy mit geraden Armen, 30 x 60 mm Blätter und beweglichem Bügel  
*Valve retractor for MINI thoracotomy with straight arms, 30 x 60 mm blades and turnable crossbar detachable*



**GF 3122**

Valvensperrer für die MINI Thoracotomy mit kräftigen Armen, 30 x 60 mm Blätter und beweglichem Bügel  
*Valve retractor for MINI thoracotomy with strong arms, 30 x 60 mm blades and turnable crossbar detachable*



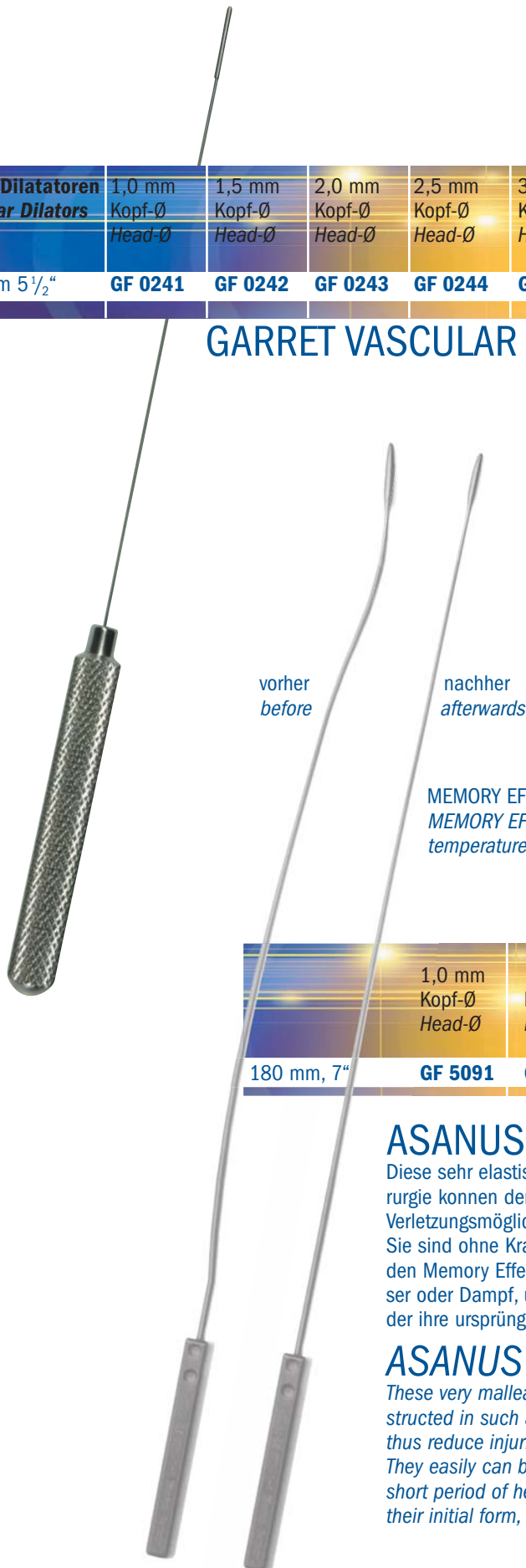
**GF 3123**

Valvensperrer für die MINI Thoracotomy mit beweglichen Armen, 2x 30 x 40 mm und 30 x 60 mm Blätter und beweglichem Bügel  
*Valve retractor for MINI thoracotomy with hinged arms, each 2x 30 x 40 mm and 30 x 60 mm blades and turnable crossbar detachable*



<b>Gefäß Dilatatoren</b> <b>Vascular Dilators</b>	1,0 mm Kopf-Ø Head-Ø	1,5 mm Kopf-Ø Head-Ø	2,0 mm Kopf-Ø Head-Ø	2,5 mm Kopf-Ø Head-Ø	3,0 mm Kopf-Ø Head-Ø	3,5 mm Kopf-Ø Head-Ø	4,0 mm Kopf-Ø Head-Ø	4,5 mm Kopf-Ø Head-Ø	5,0 mm Kopf-Ø Head-Ø
140 mm 5½"	<b>GF 0241</b>	<b>GF 0242</b>	<b>GF 0243</b>	<b>GF 0244</b>	<b>GF 0245</b>	<b>GF 0246</b>	<b>GF 0247</b>	<b>GF 0248</b>	<b>GF 0249</b>

## GARRET VASCULAR DILATORS



vorher  
before

nachher  
afterwards

MEMORY EFFECT nach dem Wasch- und Desinfektionsprozeß  
MEMORY EFFECT after washing and disinfection process via temperature

	1,0 mm Kopf-Ø Head-Ø	1,25 mm Kopf-Ø Head-Ø	1,75 mm Kopf-Ø Head-Ø	2,0 mm Kopf-Ø Head-Ø	3,0 mm Kopf-Ø Head-Ø
180 mm, 7"	<b>GF 5091</b>	<b>GF 5091-1</b>	<b>GF 5091-3</b>	<b>GF 5092</b>	<b>GF 5093</b>

## ASANUS Nitinol Gefäßsonden

Diese sehr elastischen Sonden bzw. Dilatatoren für die Gefäßchirurgie können den Gefäßen extrem gut folgen und reduzieren die Verletzungsmöglichkeiten.

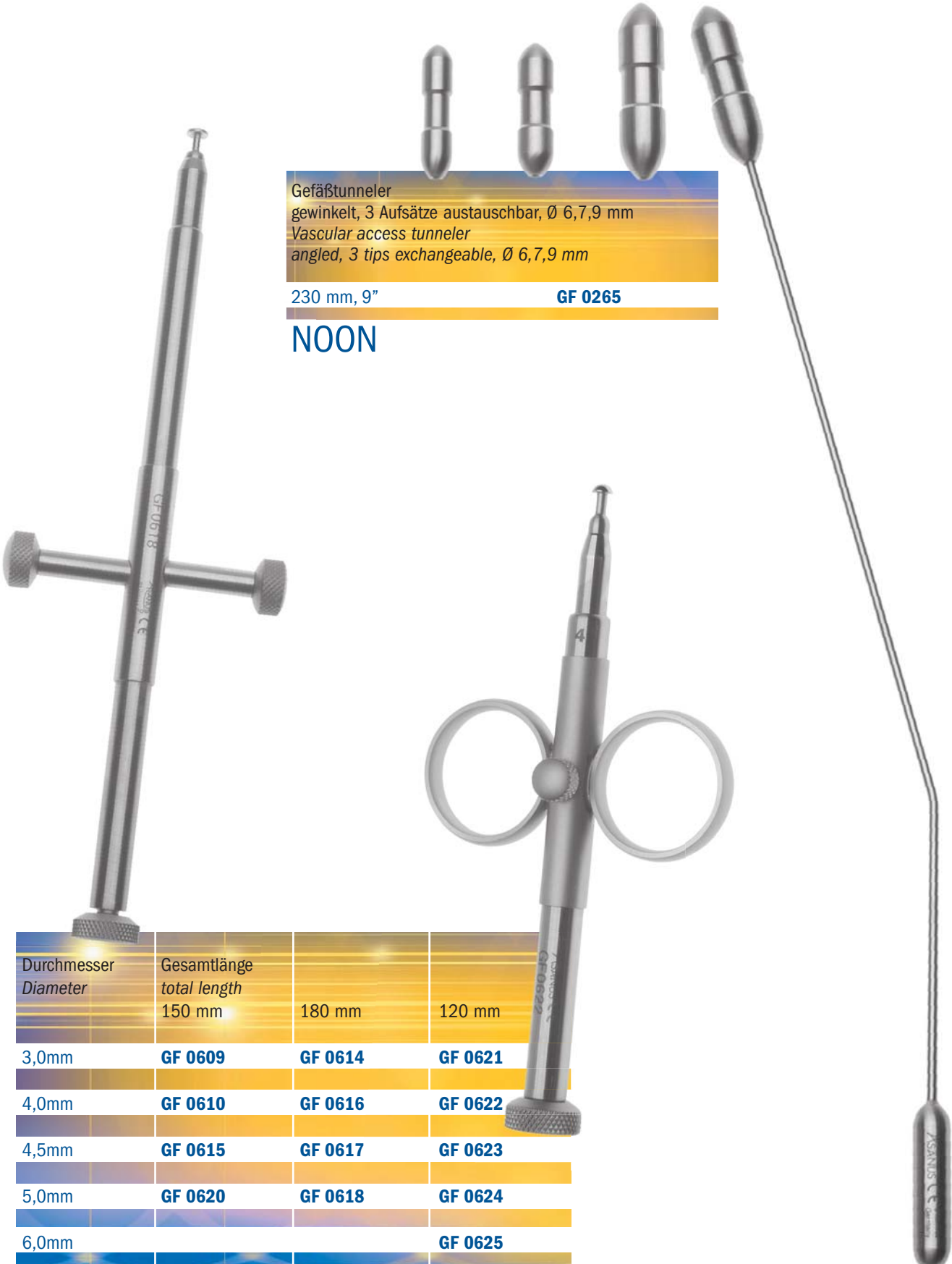
Sie sind ohne Kraftaufwand beliebig zu formen und nehmen durch den Memory Effekt nach einer kurzen Wärmebehandlung im Wasser oder Dampf, und auch während der Reinigungsprozesses, wieder ihre ursprüngliche Form an.

## ASANUS Nitinol Vessel Probes

These very malleable probes/dilators for vascular surgery are constructed in such a way that they can follow the vessel easily and thus reduce injuries.

They easily can be bent and due to their memory effect, after a short period of heat treatment in water or steam, they recover their initial form, even during the cleaning process.





Gefäßstunneler  
 gewinkelt, 3 Aufsätze austauschbar, Ø 6,7,9 mm  
*Vascular access tunneler*  
 angled, 3 tips exchangeable, Ø 6,7,9 mm

230 mm, 9" **GF 0265**

**NOON**

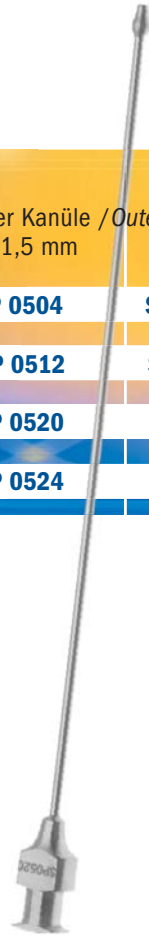
Durchmesser <i>Diameter</i>	Gesamtlänge <i>total length</i>	150 mm	180 mm	120 mm
3,0mm	<b>GF 0609</b>	<b>GF 0614</b>	<b>GF 0621</b>	
4,0mm	<b>GF 0610</b>	<b>GF 0616</b>	<b>GF 0622</b>	
4,5mm	<b>GF 0615</b>	<b>GF 0617</b>	<b>GF 0623</b>	
5,0mm	<b>GF 0620</b>	<b>GF 0618</b>	<b>GF 0624</b>	
6,0mm			<b>GF 0625</b>	

**AORTA STANZEN DOUBLE CUTTER**

wiederverwendbare Stanzen, extra scharf /  
*reusable Punches, extra sharp*

Luer-Lock gerade / straight	Aussendurchmesser Kanüle / Outer diameter canula			
	Ø 1,2 mm	Ø 1,5 mm	Ø 2,0 mm	Ø 0,8 mm
60 mm	<b>SP 0500</b>	<b>SP 0504</b>	<b>SP 0508</b>	
80 mm		<b>SP 0512</b>	<b>SP 0518</b>	
115 mm		<b>SP 0520</b>		<b>SP 0516</b>
125 mm		<b>SP 0524</b>		

**KANÜLEN  
CANULAS**



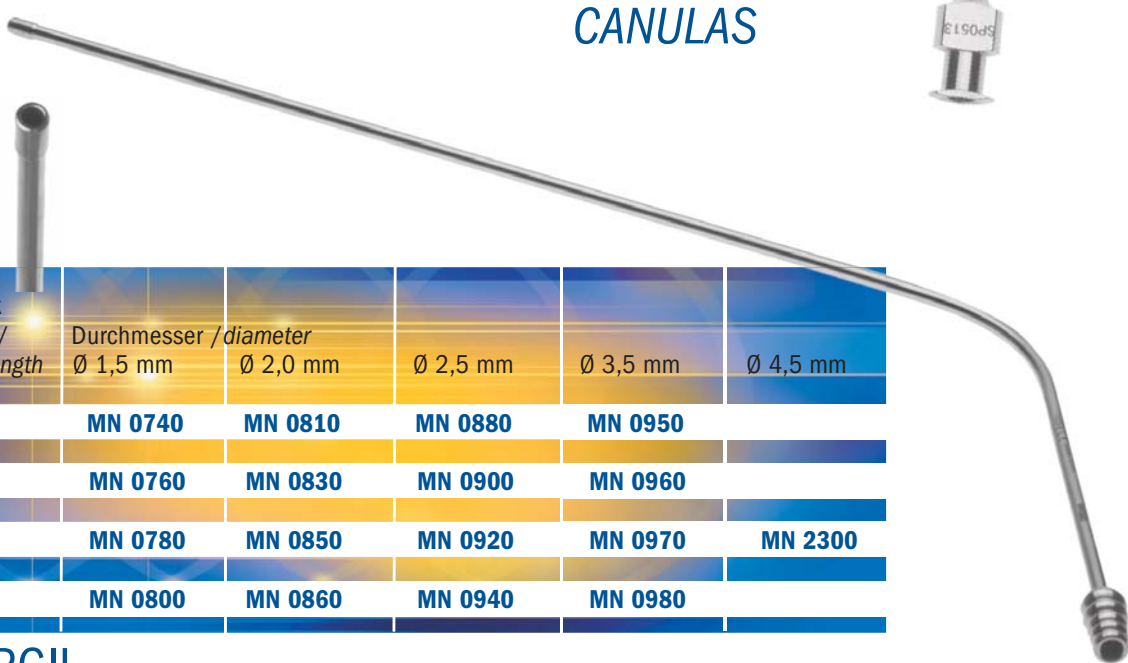
Luer-Lock gebogen / curved	Aussendurchmesser Kanüle / Outer diameter canula		
	Ø 1,2 mm	Ø 1,5 mm	Ø 2,0 mm
60 mm	<b>SP 0501</b>	<b>SP 0505</b>	<b>SP 0509</b>
80 mm	<b>SP 0511</b>	<b>SP 0513</b>	<b>SP 0515</b>
115 mm		<b>SP 0519</b>	

**KANÜLEN  
CANULAS**



Luer-Lock Nutzlänge/ useable length	Durchmesser / diameter				
	Ø 1,5 mm	Ø 2,0 mm	Ø 2,5 mm	Ø 3,5 mm	Ø 4,5 mm
130 mm	<b>MN 0740</b>	<b>MN 0810</b>	<b>MN 0880</b>	<b>MN 0950</b>	
150 mm	<b>MN 0760</b>	<b>MN 0830</b>	<b>MN 0900</b>	<b>MN 0960</b>	
180 mm	<b>MN 0780</b>	<b>MN 0850</b>	<b>MN 0920</b>	<b>MN 0970</b>	<b>MN 2300</b>
220 mm	<b>MN 0800</b>	<b>MN 0860</b>	<b>MN 0940</b>	<b>MN 0980</b>	

**YASARGIL**



gebogen, 240 mm, 9 1/2"  
curved, 240 mm, 9 1/2"

Ø 4,2 mm **SG 0009**

Ø 6,0 mm **SG 0010**

Ø 6,0 mm **SG 0012** stark gebogen/strongly curved

Ø 6,3 mm **SG 0013** abschraubbaren Saugaufsatz/  
with removable sucker part

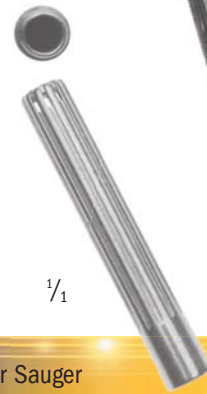
ANDREWS-  
PYCHON



Saugrohr Ø 8 mm  
suction tube Ø 8 mm

330 mm, 13" **SG 0048**

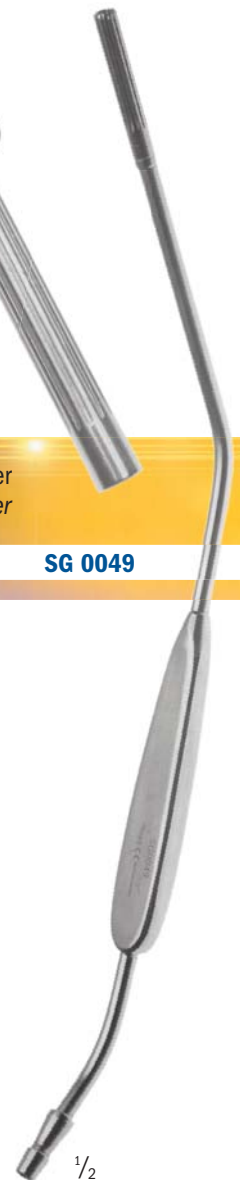
COOLEY



1/1

Vascular Sauger  
vascular Sucker

335 mm, 13" **SG 0049**



1/2

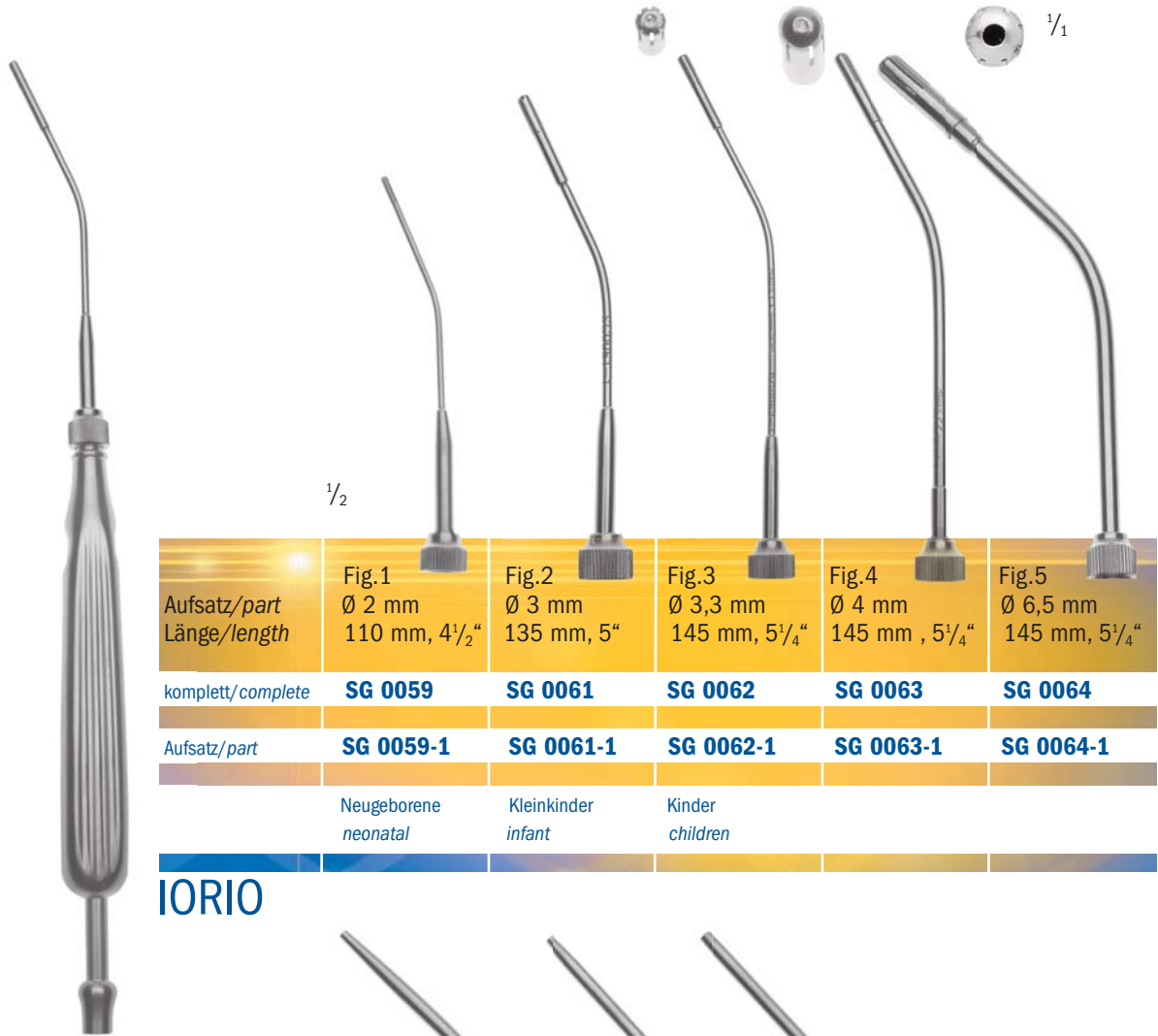
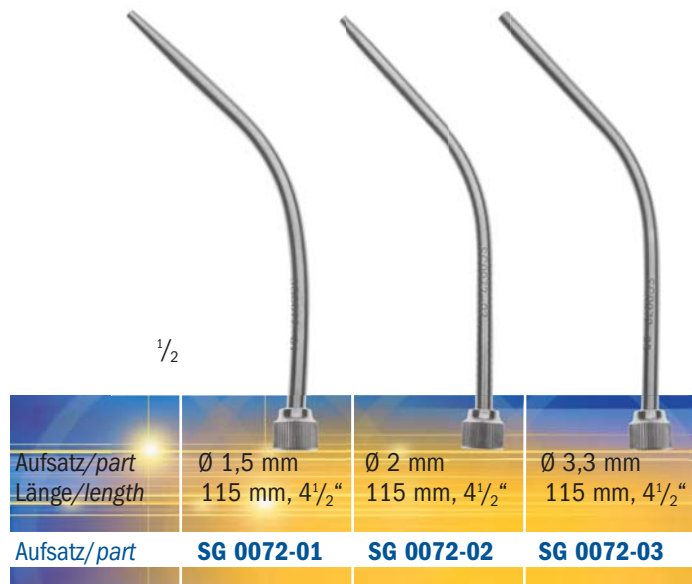


	Fig.1	Fig.2	Fig.3	Fig.4	Fig.5
Aufsatz/part Länge/length	Ø 2 mm 110 mm, 4 1/2"	Ø 3 mm 135 mm, 5"	Ø 3,3 mm 145 mm, 5 1/4"	Ø 4 mm 145 mm, 5 1/4"	Ø 6,5 mm 145 mm, 5 1/4"
komplett/complete	<b>SG 0059</b>	<b>SG 0061</b>	<b>SG 0062</b>	<b>SG 0063</b>	<b>SG 0064</b>
Aufsatz/part	<b>SG 0059-1</b>	<b>SG 0061-1</b>	<b>SG 0062-1</b>	<b>SG 0063-1</b>	<b>SG 0064-1</b>
	Neugeborene neonatal	Kleinkinder infant	Kinder children		

**IORIO**



	Ø 1,5 mm	Ø 2 mm	Ø 3,3 mm
Aufsatz/part Länge/length	115 mm, 4 1/2"	115 mm, 4 1/2"	115 mm, 4 1/2"
Aufsatz/part	<b>SG 0072-01</b>	<b>SG 0072-02</b>	<b>SG 0072-03</b>

Saugeraufsatz Mikro, für Griff SG 0055  
Frontal sucker part, for handle SG 0055



Griff allein  
handle alone

**SG 0055**

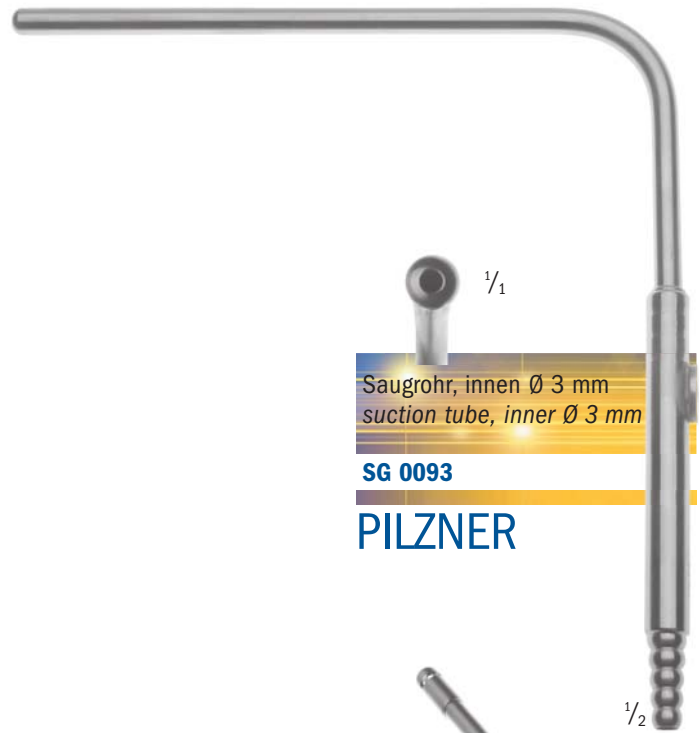
**IORIO**



Saugrohr, innen Ø 3 mm  
suction tube, inner Ø 3 mm

285 mm, 11" **SG 0011**

**RÜHLAND**



Saugrohr, innen Ø 3 mm  
suction tube, inner Ø 3 mm

**SG 0093**

**PILZNER**



Saugrohr, Ø 6 mm  
suction tube, Ø 6mm

300 mm, 12" **SG 4060**

**COOLEY**

Sauger  
suction tube

**SG 0005**

1/1



275 mm, 10 1/2" **SG 0840**

**YANKAUER**



1/2

1/1

Ø 9 mm  
Ø 9 mm

275 mm, 10 1/2" **SG 0850**

**DE BAKEY**



1/2

1/1

Ø 10 mm  
Ø 10 mm

270 mm, 10 1/2" **HA 2070**

**YANKAUER**



1/2

1/1

Ø 6 mm  
Ø 6 mm

440 mm, 18" **SG 0046**

**VIGANO**



1/2



sehr fein  
delicate

165 mm, 6 1/2" **GF 0409**

**"SALZBURGER" SPATEL**  
für Carotis und feine Gefäße  
for carotid and delicate vessels

<b>Dissektor</b> <b>dissector</b> tip 1 mm	stumpf blunt	scharf sharp
250 mm, 10" <b>GF 4901</b>	<b>GF 4902</b>	

**MICRO-DISSECTOR**



<b>Titan Griff</b> <b>Titanium handle</b>	Arbeitslänge working length	MICRO 2 mm	3 mm
220 mm, 8 3/4" bajonett/bajonette shape	95 mm	<b>GF 8905</b>	<b>GF 8907</b>
220 mm, 8 3/4" bajonett/bajonette shape	115 mm		<b>GF 8908</b>
220 mm, 8 3/4" gerade/straight	115 mm		<b>GF 8900</b>

**DISSECTOR**

Arbeitslänge  
working length



für Nahtfixation  
for suture-fixation  
220 mm, 8 3/4" **MN 1828**



209 mm, 8 1/4"	<b>GF 2351</b>	Ø 0,8 m	Ø 1,2 mm
250 mm, 10"	<b>GF 2354</b>	<b>GF 2356</b>	<b>GF 2357</b>

**PÄIVI**



flexibel, Ø 4,0mm  
 flexible, Ø 4,0mm

320 mm, 13" **GF 2350**

## RUMEL-BELMONT



1/2

Mandrin allein  
 guide only

1/1

klein  
 small

groß  
 big

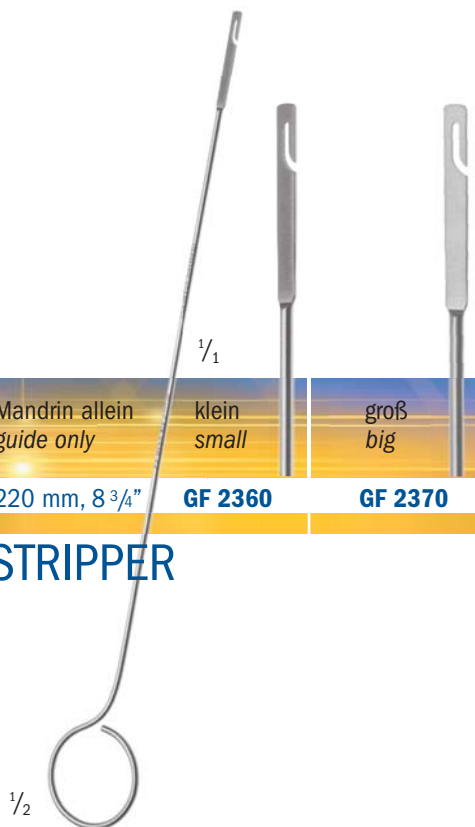
220 mm, 8 3/4"

**GF 2360**

**GF 2370**

## STRIPPER

1/2



GF 6041

GF 6042

leicht gebogen  
 slightly curved

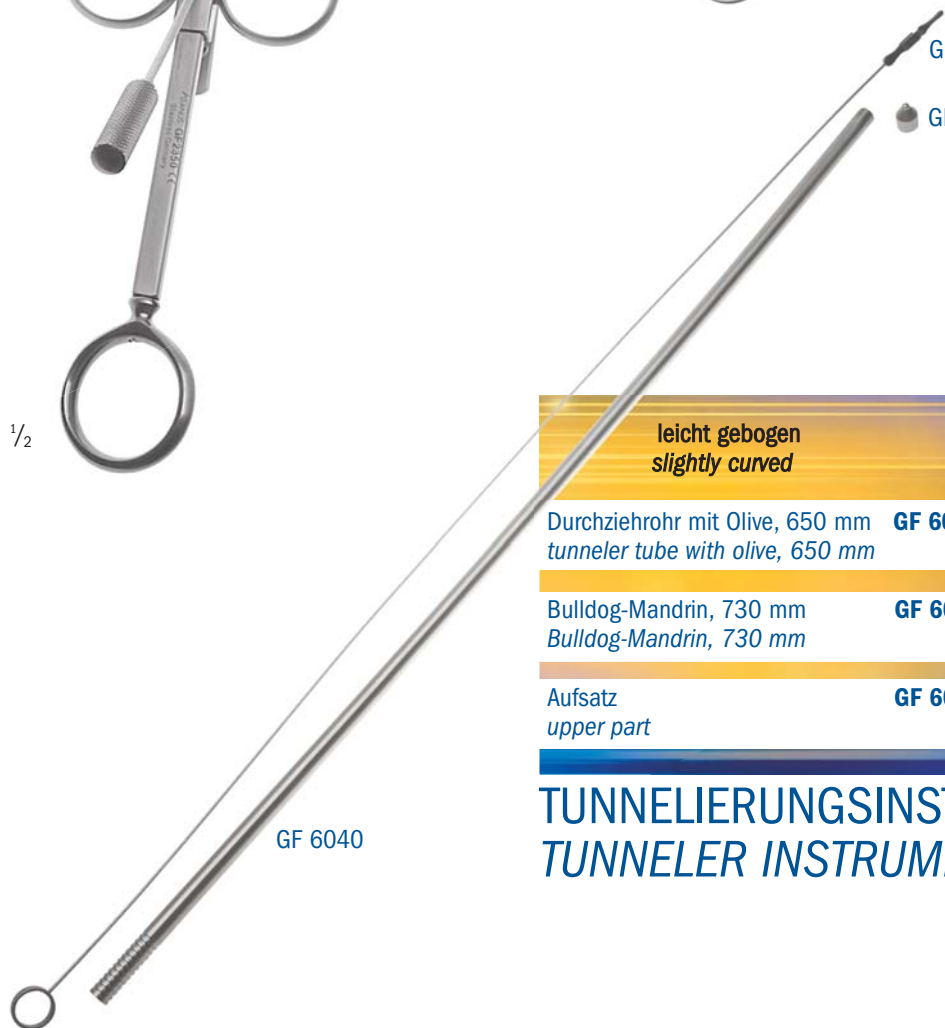
Durchziehröhr mit Olive, 650 mm **GF 6040**  
 tunneler tube with olive, 650 mm

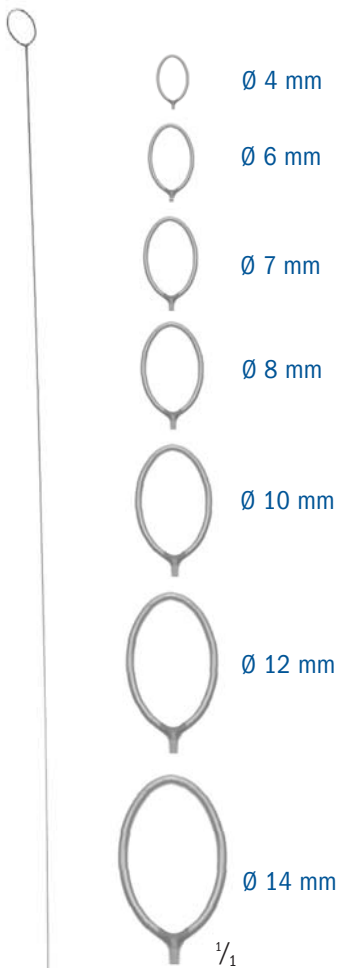
Bulldog-Mandrin, 730 mm **GF 6041**  
 Bulldog-Mandrin, 730 mm

Aufsatz **GF 6042**  
 upper part

## TUNNELIERUNGSINSTRUMENT TUNNELER INSTRUMENT

GF 6040





550 mm, 22"  
oval, oval

Ø 4 mm **GF 0270**

Ø 6 mm **GF 0271**

Ø 7 mm **GF 0272**

Ø 8 mm **GF 0273**

Ø 10 mm **GF 0274**

Ø 12 mm **GF 0275**

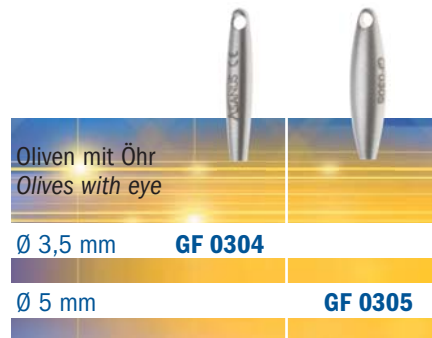
Ø 14 mm **GF 0276**

**RING STRIPPER**  
**RING STRIPPER**

Griff für Ring Stripper  
handle for ring stripper

**GF 0277**

$\frac{1}{2}$



**GF 0300** Set Kombi-PinStripper für invertierter Venenstripping  
bestehend aus:  
Set Combi-PinStripper for inverted vein stripping  
consisting of:

**GF 0301** PinStripper kurz 340 mm lang  
PinStripper short 340 mm long

**GF 0302** PinStripper mittel 490 mm lang  
PinStripper short 490 mm long

**GF 0303** PinStripper lang 590 mm lang  
PinStripper short 590 mm long

**GF 0304** Ø 3,5 mm, kleine Olive mit Ohr und Gewindeansatz passend  
für PinStripper GF 0301, GF 0302, GF 0303  
Ø 3,5 mm, little olive with eye and thread fitting  
to PinStripper GF 0301, GF 0302, GF 0303

**GF 0305** Ø 5 mm, mittlere Olive mit Ohr und Gewindeansatz passend  
für PinStripper GF 0301, GF 0302, GF 0303  
Ø 5 mm, medium olive with eye and thread fitting  
to PinStripper GF 0301, GF 0302, GF 0303

**GF 0112** Kunststoffsondenspitze  
plastic probes tip

**GF 0114** Metallsondenspitze  
metal probes tip

**GF 0115** Olive 6 mm  
olive 6 mm

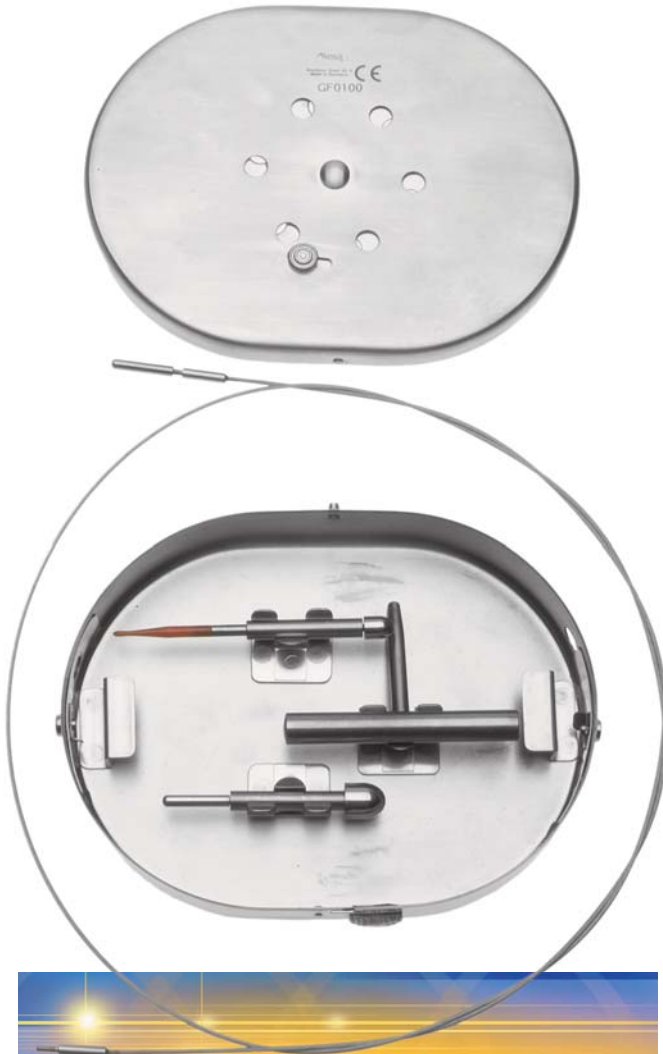
**GF 0116** Olive 9 mm  
olive 9 mm

**GF 0117** Olive 12 mm  
olive 12 mm

**GF 0118** Olive 15 mm  
olive 15 mm

**ND 0852** gelochte Dose für Olivenlagerung  
perforated case for olives

**HOFFMANN**



135 x 100 x 25 mm, komplett/complete **GF 0100**

## NABATOFF

bestehend aus Kunststoffhülse, Zugseil und Metalloliven  
*consisting of plastic tip, cable flexible and metal olives*



Oliven alleine <i>Olives only</i>	Ø 6 mm	Ø 9 mm	Ø 12 mm	Ø 15 mm
--------------------------------------	--------	--------	---------	---------

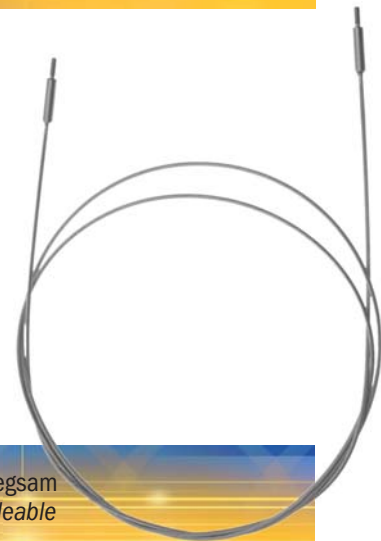
<b>GF 0115</b>	<b>GF 0116</b>	<b>GF 0117</b>	<b>GF 0118</b>
----------------	----------------	----------------	----------------

Handgriff  
*handle*



**GF 0190**

Zugseil biegsam  
*cable malleable*



900 mm, Ø 1,3 mm

**GF 0111**

900 mm, Ø 2,5 mm

**GF 0119**

Filiformspitze, fein  
*Filiform tip, delicate*



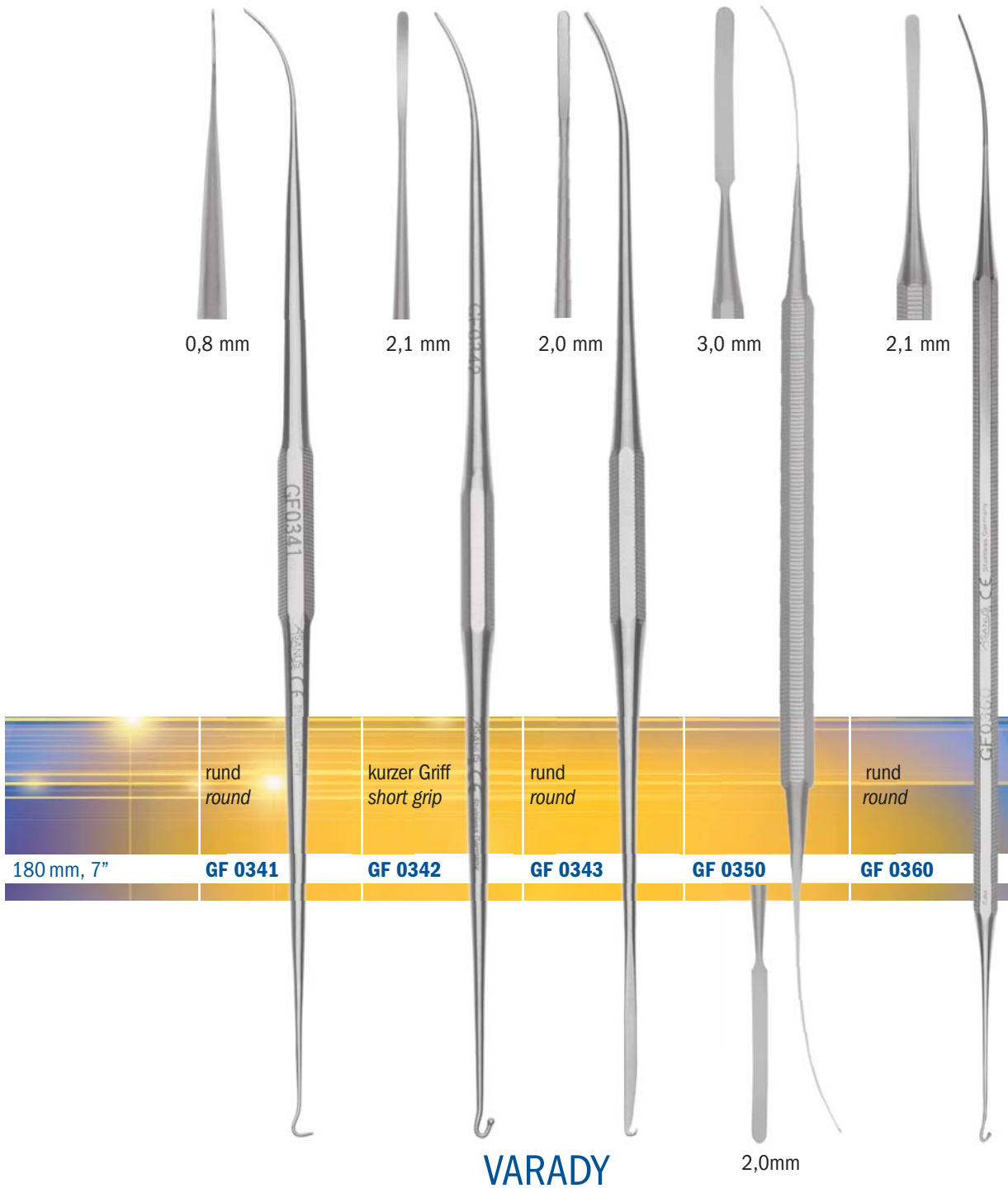
**GF 0112**

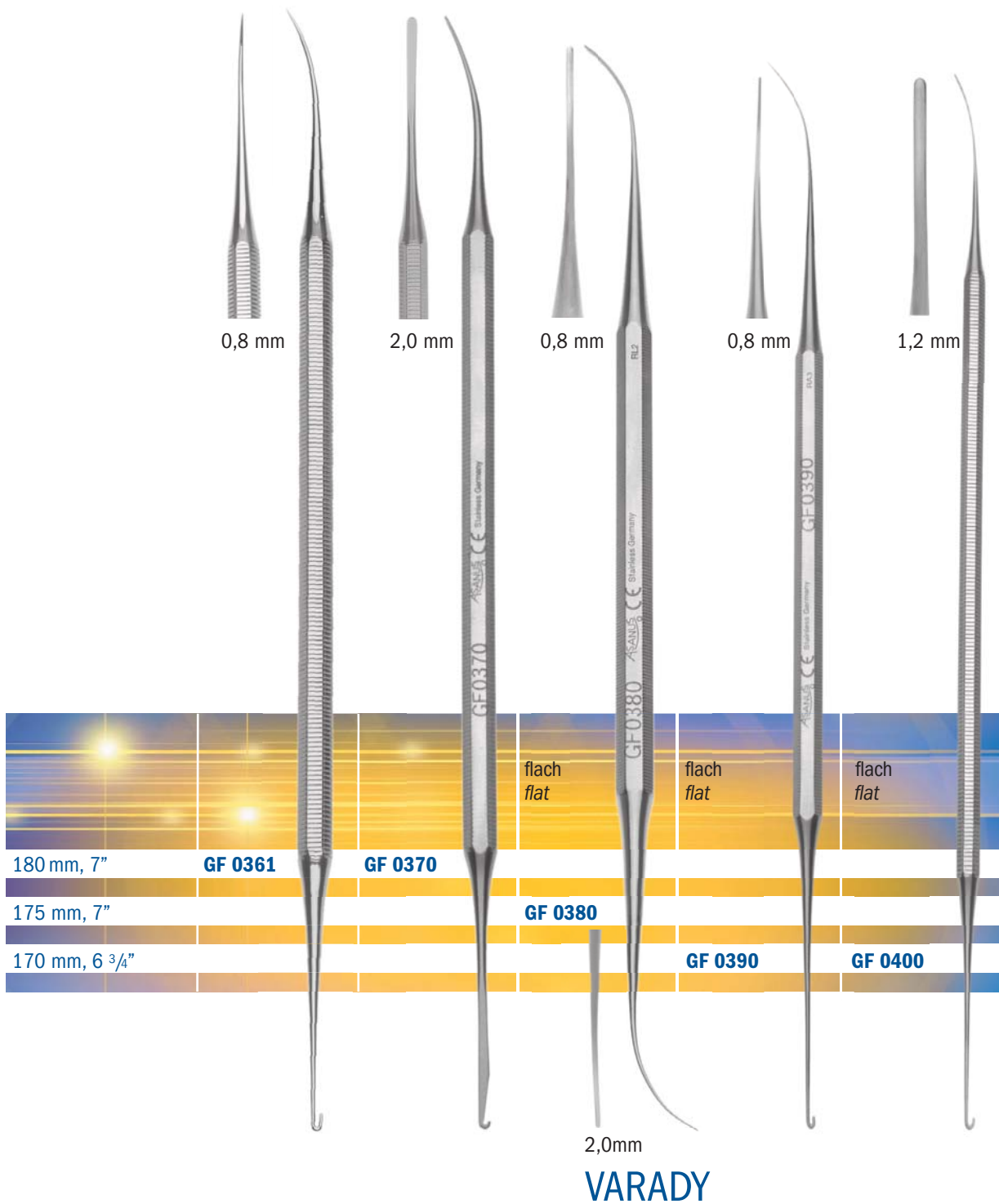
Metallsondenspitze  
*Metal probe*

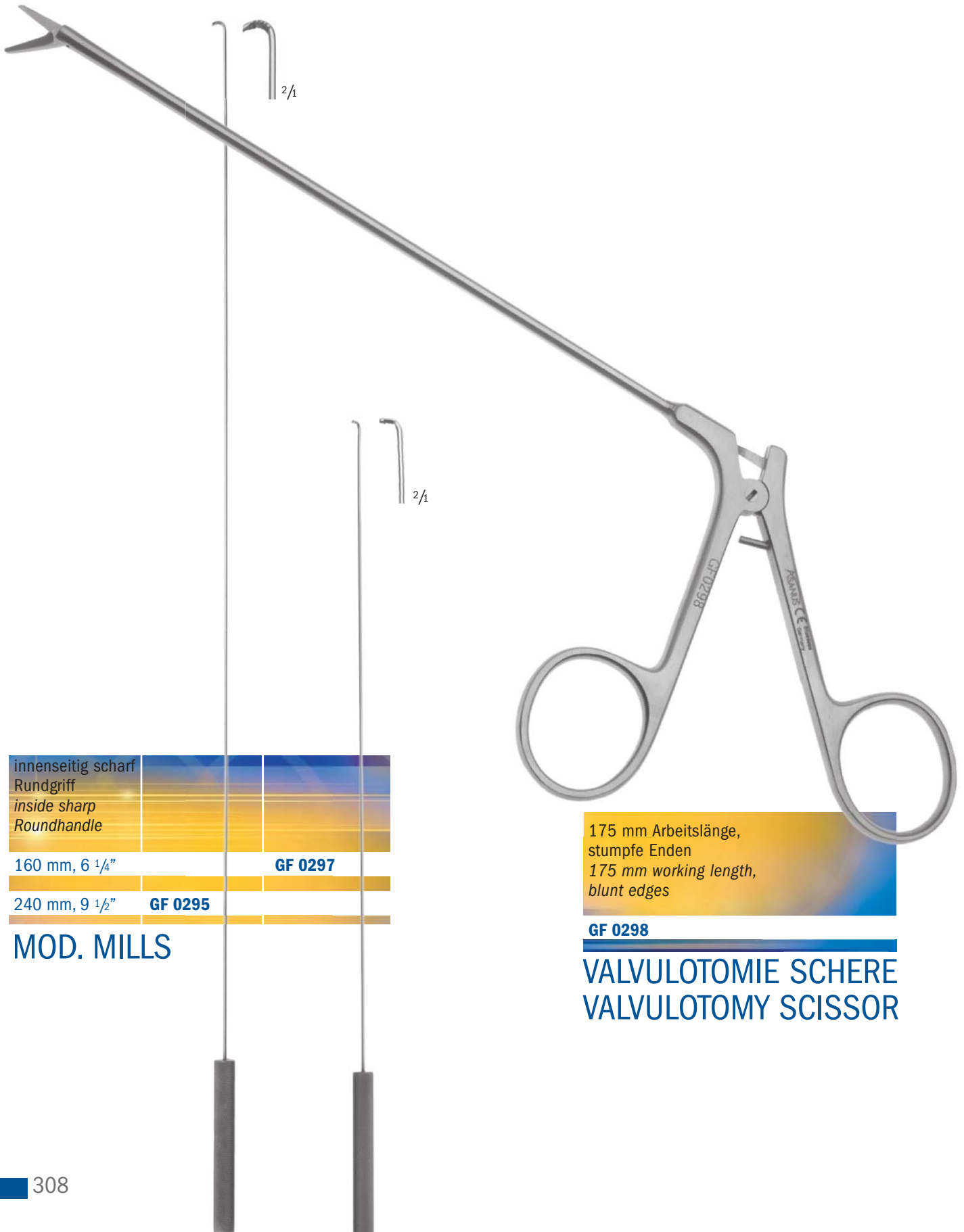


Ø 3 mm

**GF 0114**







innenseitig scharf  
Rundgriff  
inside sharp  
Roundhandle

160 mm, 6 1/4"

**GF 0297**

240 mm, 9 1/2"

**GF 0295**

**MOD. MILLS**

175 mm Arbeitslänge,  
stumpfe Enden  
175 mm working length,  
blunt edges

**GF 0298**

**VALVULOTOMIE SCHERE  
VALVULOTOMY SCISSOR**



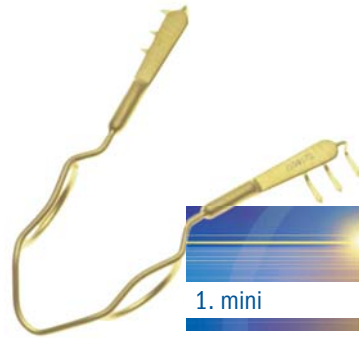
halbscharf  
*semisharp*

80 mm, 3<sup>1</sup>/<sub>3</sub>"

**WH 5018**

120 mm, 4<sup>3</sup>/<sub>4</sub>"

**WH 5019**



1. mini

**WH 5044**



2. standard

**WH 5045**



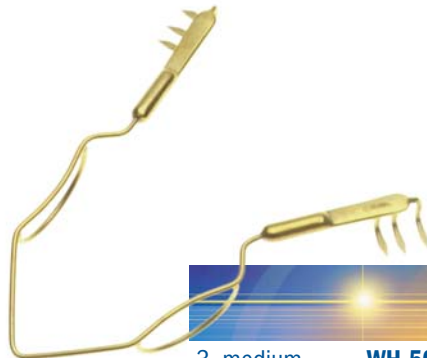
stumpf  
*blunt*

80 mm, 3<sup>1</sup>/<sub>3</sub>"

**WH 5018-1**

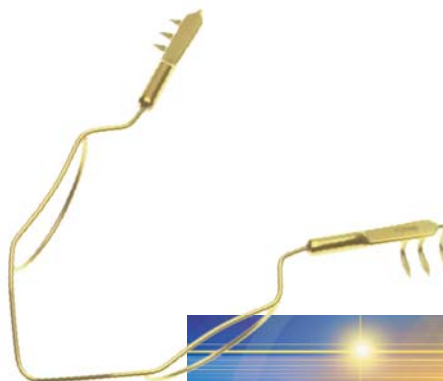
120 mm, 4<sup>3</sup>/<sub>4</sub>"

**WH 5019-1**



3. medium

**WH 5046**



4. maxi

**WH 5047**

**KARMODY RETRACTOR**

**I.M.A.  
 EPICARTEUR**






Ø 0,5 mm	<b>SG 0029</b>
Ø 0,8 mm	<b>SG 0030</b>
Ø 1,0 mm	<b>SG 0031</b>
Ø 1,2 mm	<b>SG 0032</b>
Set	<b>SG 0034</b>
bestehend aus je 1 Stk SG 0030, SG 0031, SG 0032 <i>consisting of one piece each          SG 0030, SG 0031, SG 0032</i>	

## HEPARIN KANÜLE HEPARIN CANULA



Durch den Safety Schutzmechanismus können Sie sicher im Schnittfeld arbeiten und sich davon wieder entfernen.  
*Due to the simple safety mechanism you may work sure in the cutting field and remove in an optimal way the knife again.*

	 45°	 60°	 30°
Diamantmesser <i>komplett</i> / <i>diamond knife complete</i>	<b>GF 5080</b>	<b>GF 5078</b>	<b>GF 5077</b>
Klinge und Griff / <i>blade and handle, Länge / length 200 mm</i>			<b>GF 5076</b>

## DIAMANTMESSER DIAMOND KNIFE

sind das weltweit härteste Material mit bestem Mikroschnitt.  
*have the hardest cutting edge with excellent cutting result in micro surgery.*



Blattstärke 0,15 - 0,2 mm <i>blade strongness 0,15 - 0,2 mm</i>	 30°
150 mm	<b>AU 8000-2</b>
200 mm	<b>AU 8000-1</b>

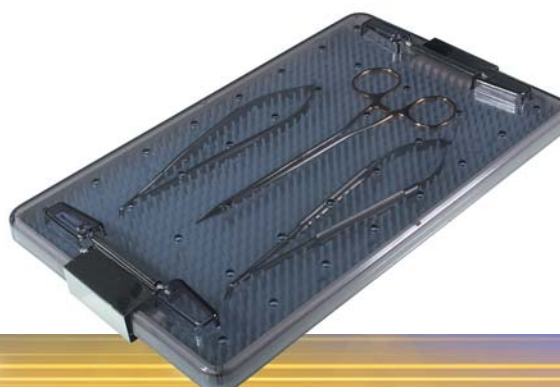
## DIAMANTMESSER STANDARD DIAMOND KNIFE STANDARD





	181x49x18,5 mm	181x49x18,5 mm	181x49x18,5 mm
mit universal Silikonmatte/Tray Lid & Mat universal <b>ST 4601</b>			
für 1 Diamantmesser / for 1 diamond knife		<b>ST 4602</b>	
für 2 Diamantmesser / for 2 diamond knives			<b>ST 4603</b>

## SAFETY STERILIZATION BOX



Einzelne waagrechte Schalen, Deckel und Matte (flach) <i>Single Level Tray, Lid and Mat (shallow)</i>	267x159x16 mm <i>Standard</i>	<b>ST 4609</b>
Einzelne waagrechte Schalen, Deckel und Matte (tief) <i>Single Level Tray, Lid and Mat (deep)</i>	267x159x35 mm	<b>ST 4610</b>
Doppelte waagrechte Schalen, Deckel und 2 Matten <i>Double Level Tray, Lid and 2 Mats</i>	267x159x35 mm	<b>ST 4611</b>

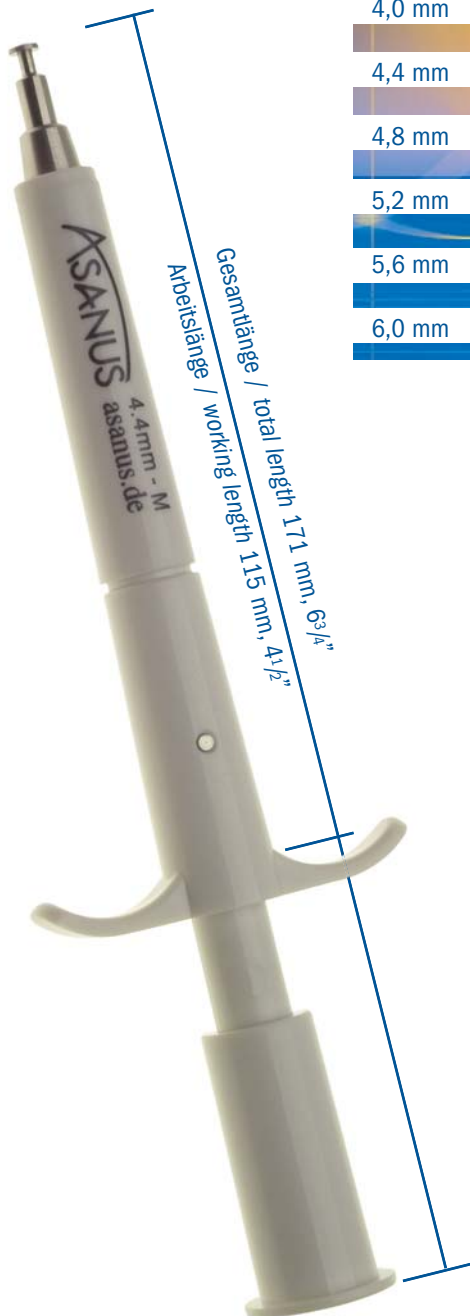
## LEVEL TRAYS

Präzision und Qualität zum besten Preis.  
 Finden Sie selbst aus erster Hand heraus, welche erstklassige chirurgische  
 Schärfe die ASANUS Aorta Stanzen zum besten Preis bieten.

*Precision, Quality and the Lowest Cost.  
 Find out firsthand how the ASANUS Aortic Punch has superior surgical  
 sharpness and the lowest cost.*

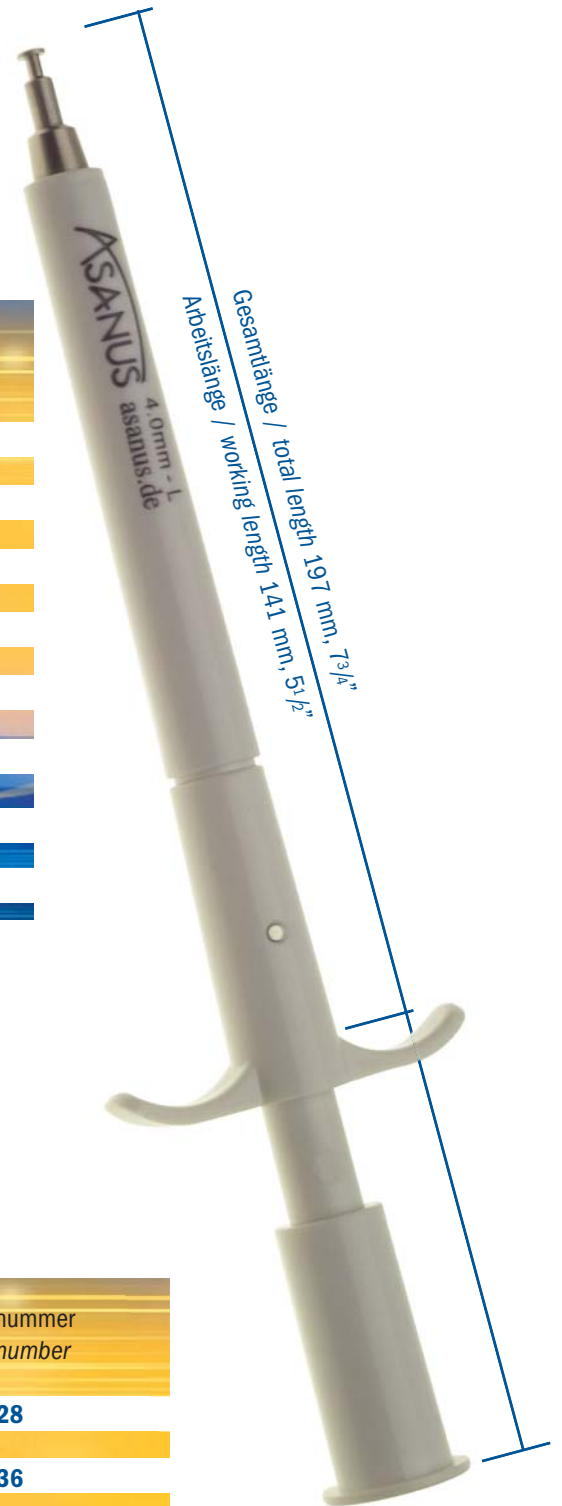
lange Ausführung  
 Long Assembly

Stanzengröße Punch Size	Artikelnummer Order number
2,8 mm	<b>GF 6628</b>
3,6 mm	<b>GF 6636</b>
4,0 mm	<b>GF 6640</b>
4,4 mm	<b>GF 6644</b>
4,8 mm	<b>GF 6648</b>
5,2 mm	<b>GF 6652</b>
5,6 mm	<b>GF 6656</b>
6,0 mm	<b>GF 6660</b>



mittlere Ausführung  
 medium Assembly

Stanzengröße Punch Size	Artikelnummer Order number
2,8 mm	<b>GF 6528</b>
3,6 mm	<b>GF 6536</b>
4,0 mm	<b>GF 6540</b>
4,4 mm	<b>GF 6544</b>
4,8 mm	<b>GF 6548</b>
5,2 mm	<b>GF 6552</b>
5,6 mm	<b>GF 6556</b>
6,0 mm	<b>GF 6560</b>



Latexfrei  
Latex free



Instrument Guards schützen die Instrumente vor Beschädigungen an den Spitzen und Kanten während der Bearbeitung und Sterilisation. Die Instrument Guards sind in neun verschiedenen Größen und drei Formaten erhältlich: undurchsichtig, klar oder rauchig, mit oder ohne Perforation (Löcher). Perforierte Guards reduzieren Feuchtigkeitsrückstände und erlauben das Eindringen von Dampf und Gas sowie leichtes Entfernen.

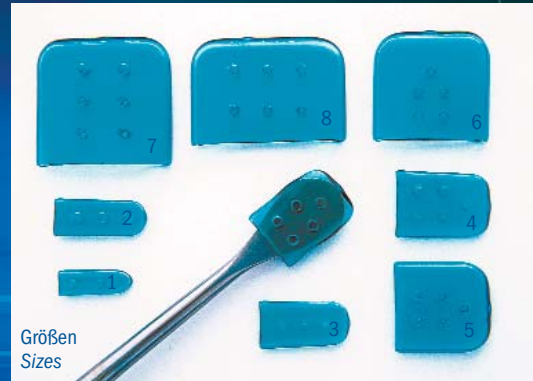
- Dampf- und gasdurchlässig
- Nicht steril
- Latex frei
- Undurchsichtige Guards sind röntgenfähig

Instrument Guards will protect instrument tips and edges from damage during handling and sterilization. Available in nine different sizes and three formats: opaque, clear, or tinted, with or without perforations (holes). Perforated guards reduce moisture residue, allows for steam and gas penetration and ease of removal.

- Steam and gas permeable
- Non-sterile
- Latex free
- Opaque guards are radiopaque

Größe Size	Maße Dimensions	Artikelnummer Productnumber
1 white	1,6 x 19 mm, 1/16" x 3/4"	DSP 121
2 blue	2,0 x 19 mm, 5/64" x 3/4"	DSP 122
3 green	2,8 x 19 mm, 64" x 3/4"	DSP 123
4 red	3,2 x 25,4 mm, 8" x 1"	DSP 124
5 yellow	4,8 x 25,4 mm, 3/16" x 1"	DSP 125
6 maroon	10,3 x 19 mm, 13/32" x 3/4"	DSP 126
7 orange	1,6 x 9,5 x 25,4 mm, 16" x 3/8"x1"	DSP 127
8 brown	1,6 x 15,9 x 25,4 mm, 5/64" x 5/8"x1"	DSP 128
9 black	3,2 x 25,4 x 25,4 mm, 1/8" x 1"x1"	DSP 129
Gemischte Packung Variety Pack		DSP 130

Instrumentenschutz gelocht, 100 Stück pro Packung  
Instrument Guards Perforated, 100 Guards per package



Größen  
Sizes

Osteotome Guards sind speziell zum Schutz der Osteotome während der Bearbeitung und Sterilisation entwickelt. Diese Guards schützen die Spitzen vor vorzeitigem Abstumpfen. Erhältlich in blau-perforiert.

- Dampf- und gasdurchlässig.

Osteotome Guards are specifically designed to protect osteotomes during sterilization and handling. These guards protect the tips from dulling prematurely or chipping. Available in blue tint perforated.

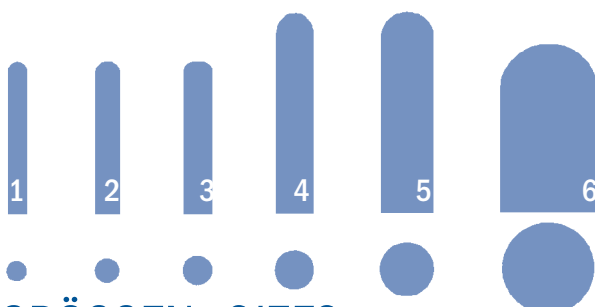
Steam and gas permeable.

Größe Size	Maße Dimensions	Arikelnummer Productnumber
1	5 x 15 mm, 1/4" x 3/4"	DSP 101
2	10 x 25 mm, 23/8" x 1"	DSP 102
3	13 x 25 mm, 1/2" x 1"	DSP 103
4	19 x 25 mm, 3/4" x 1"	DSP 104
5	25 x 25 mm, 1" x 1"	DSP 105
6	32 x 32 mm, 1 1/4" x 1 1/4"	DSP 106
7	38 x 38 mm, 1 1/2" x 1 1/2"	DSP 107
8	45 x 38mm, 1 3/4" x 1 1/4"	DSP 108

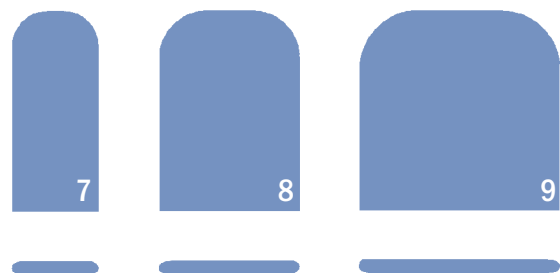
Instrumentenschutz gelocht, 50 Stück pro Packung  
Instrument Guards Perforated, 50 Guards per package

## INSTRUMENT GUARDS

## OSTEOTOME GUARDS



GRÖSSEN SIZES



Latexfrei  
Latex free



Vascu-Loop erlaubt sichere und sanfte Abstellung, Verschluss und Identifikation der Gefäße während eines chirurgischen Eingriffs. Die elliptische Form erlaubt behutsame Handhabung der Arterien, Venen, Nerven, Sehnen, Samenstränge, Harnleiter oder wo sonst noch empfindliche Abstellung oder Verschiebung benötigt wird. Klemme und Retraktoren können die Gefäße flach drücken, die dadurch brechen oder unnötige Verletzung der Atheromem verursachen können. Die ovale Struktur der Gefäßbänder bietet ausreichende Spannung um den Durchfluss einzuschränken und können leicht entfernt werden ohne Abschürfungen zu verursachen.

Vascu-Loops permit safe smooth retraction, occlusion and identification of vessels during surgical procedures. The elliptical shape allows for gentle handling of arteries, veins, nerves, tendons, spermatic cords, ureters, or wherever delicate retraction/occlusion is required. Clamps and retractors can pinch the vessel flat, crack the intima, or create unnecessary trauma induced atheromas. The vascular ties' oval configuration provides sufficient tension to restrain flow and are easily removed without causing abrasion.

- medizinisches Silikon
- Röntgenfähig
- Zwei 16" Bänder pro sterilem Beutel
- Vier Farben / drei Größen
- Auch unsteril erhältlich

- Medical grade silicone
- Radiopaque
- Two 16" ties per sterile pouch
- Four colors / three sizes
- Also non-sterile available

Farbe Color	Mini Vascu-Loops	Maxi Vascu-Loops	Super Maxi Vascu-Loops
red	<b>DSP 001</b>	<b>DSP 005</b>	
blue	<b>DSP 002</b>	<b>DSP 006</b>	<b>DSP 009</b>
yellow	<b>DSP 003</b>	<b>DSP 007</b>	
white	<b>DSP 004</b>	<b>DSP 008</b>	

2 Bänder pro sterilem Beutel, 10 Beutel pro Packung

2 ties per sterile pouch, 10 pouches per box

## VASCU-LOOPS



Fadenklemm-Überzüge wurden entwickelt, um das Nahtmaterial zu schützen und zu halten ohne es dabei zu beschädigen.

Suture clamp tags are designed to protect and safely hold sutures without damage.

- Röntgenfähiges leuchtgelb zur besseren Erkennung
- Eingepackt in passenden Schaumstoff
- ungiftig
- abgezählt
- zwei, drei oder fünf Paare erhältlich
- steril oder unsteril
- Latex frei

- Radiopaque bright yellow for identification
- Packaged in convenient foam
- Non-toxic
- Pre-counted
- Available in 2, 3, or 5 pairs
- Sterile or non-sterile
- Latex free

Einheit Box	Farbe Color	Artikelnr. Productno.	
2 pairs/pouch	yellow	<b>DSP 012</b>	
3 pairs/pouch	yellow	<b>DSP 011</b>	
5 pairs/pouch	yellow	<b>DSP 010</b>	
5 pairs/pouch	assorted	<b>DSP 013</b>	
5 pairs/pouch	white	<b>DSP 014</b>	
5 pairs/pouch	blue	<b>DSP 015</b>	5 sterile Beutel pro Einheit
5 pairs/pouch	red	<b>DSP 016</b>	5 sterile pouches per box

## SUTURE CLAMP TAGS

Latexfrei  
*Latex free*



Vasca-Loops reduzieren Verletzungen an den Gefäßen bei Occlusionen, besonders da wo eine blutstillende Klemme eingesetzt wird. Die fadenähnlichen atraumatischen Vertiefungen erlauben sanfte, konstante und rutschfeste Spannung.

- medizinisches Silikon
- drei Farben
- zwei 5" Längen pro steriler Beutel
- Röntgenfähig
- Auch un-steril erhältlich
- latexfrei

*Vasca-Loops reduce trauma to vessels requiring occlusion, particularly where a hemostatic clamp is employed. The tread-like indents allow for gentle, constant, and non-slip tension.*

- Medical-grade silicone
- Three colors
- Two 5" lengths per sterile pouch
- Radiopaque
- Also available non-sterile
- Latex free

Maße <i>Dimensions</i>	Farbe <i>Color</i>	Artikelnr. <i>Productno.</i>
4 x 127 mm, 1/10" x 5"	red	<b>DSP 020</b>
7 x 127 mm, 2/10" x 5"	white	<b>DSP 021</b>
9 x 127 mm, 9 x 3/10" x 5"	blue	<b>DSP 022</b>

## CLAMP JAW COVERS



Der Identifikation Tape ist in zehn Farben und zwei Größen (1/4" und 1/8") erhältlich. Hält wiederholtem Sterilisieren stand.

*The Identification Tape is available in ten colors in 1/4" and 1/8" widths. Withstands repeated exposure to sterilization.*

Farbe <i>Color</i>	Breite 3 mm, width 1/8" Artikelnr. <i>Productno.</i>	Breite 6 mm, width 1/4" Artikelnr. <i>Productno.</i>
white	<b>DSP 070</b>	<b>DSP 080</b>
blue	<b>DSP 071</b>	<b>DSP 081</b>
green	<b>DSP 072</b>	<b>DSP 082</b>
red	<b>DSP 073</b>	<b>DSP 083</b>
yellow	<b>DSP 074</b>	<b>DSP 084</b>
purple	<b>DSP 075</b>	<b>DSP 085</b>
orange	<b>DSP 076</b>	<b>DSP 086</b>
brown	<b>DSP 077</b>	<b>DSP 087</b>
black	<b>DSP 078</b>	<b>DSP 088</b>
orange/red	<b>DSP 079</b>	<b>DSP 089</b>

## IDENTIFICATION TAPE

Die In-Situ-Bypass-Technik bei femoro-krualen Rekonstruktionen bietet folgende Vorteile:










- Verwendbarkeit auch sehr dünnkalibriger Venen (2 bis 4 mm)
- Geringere Traumatisierung der Vene als bei freier Entnahme
- Keine Knickung, Verdrehung oder Kompression der Vene
- Durchmesser-Angleichung der beidseitigen Anastomosen
- Deutlich bessere Funktionsergebnisse

*In-Situ-Bypass technic at femoro-crual reconstruction offers following advantages:*

- Usage of very thin veins (2 - 4 mm)
- lower trauntisation of vein than classic procedure
- no buckling, rotation, comprssion of veins
- harmonizing of diameters bothside of anastomosis
- postoperativ advanced function

Das Set **GF 2105** für diese spezielle OP-Technik besteht aus folgenden Artikeln:

*The Set **GF 2105** for this special operating technic consists of following articles:*

		GF 0018 Mikro Bulldogklemme DIETRICH, gewinkelt, 47 mm <i>Micro bulldog clamp, angled, 47 mm</i>
WH 5018      WH 5019 		WH 5018 KARMODY Sperrer, halbscharf, 80 mm, 3 Zähne <i>KARMODY retractor, semi sharp, 80 mm, 3 teeth</i>
		WH 5018-1 KARMODY Sperrer, stumpf, 85 mm, 9 kleine Zähne <i>KARMODY retractor, blunt, 85 mm, 9 small teeth</i>
		WH 5019 KARMODY Sperrer, halbscharf, 120 mm, 3 Zähne <i>KARMODY retractor, semi sharp, 120 mm, 3 teeth</i>
WH 5018-1      WH 5019-1 		WH 5019-1 KARMODY Sperrer, stumpf, 130 mm, 9 kleine Zähne <i>KARMODY retractor, blunt, 130 mm, 9 small teeth</i>
		GF 8030 TITAN Pinzette mit Ring, ohne Gegengewicht, 180 mm <i>TITAN forcep with ring, light weight, 180 mm</i>
		GFB 6318 BRILLIANT Mikro Stahlpinzette, diamantisiert, ohne Gegengewicht, 180 mm <i>BRILLIANT Micro steel forcep, Diamand Dust, light weight, 180 mm</i>
		NH 8010 TITAN Mikro-Nadelhalter, gerade, 185 mm <i>TITANIUM Micro needle holder, straight, 185 mm</i>
		YA 1350 Anlegezange Yasargil, 170 mm <i>Forcep Yasargil, 170 mm</i>



NHB 4520S TOPAS CASTROVIEJO Mikro Nadelhalter,  
 Diamand Dust, 140 mm  
*TOPAS CASTROVIEJO Micro needle holder,  
 Diamand Dust, 140 mm*



NHB 4526S TOPAS CASTROVIEJO Mikro Nadelhalter,  
 Diamand Dust, 185 mm  
*TOPAS CASTROVIEJO Micro needle holder,  
 Diamand Dust, 185 mm*



SC 0039 Mikroschere CORONAR, Flachgriff, 135 mm  
*Micro scissor CORONAR, flat handle, 135 mm*



SC 0067 Mikroschere, Flachgriff, 145 mm  
*Micro scissor, flat handle, 145 mm*



SC 0719 Schere JAMSON, gebogen, 150 mm  
*Scissor JAMSON, curved, 150 mm*



GF 0299 Valvenschere, 150 mm Arbeitslänge  
*Valve scissor, 150 mm working length*



GF 0294 Valvulotome LEATHER, 90° gewinkelt, 175 mm  
*Valvulotome LEATHER, 90° angled, 175 mm*



MN 1839 RHOTON Häkchen, stumpf, 180 mm  
*RHOTON micro hook, blunt, 180 mm*



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### ACHTUNG

Sämtliche chirurgische Instrumente dürfen ausschließlich im Verhältnis zur Bauart eingesetzt werden, z.B. dürfen feine Schere nur zum Schneiden von feinstem Gewebematerial eingesetzt werden. Scheren dürfen nicht zum Schneiden von harten Materialien, insbesondere Kalk, verwendet werden. Asanus übernimmt keine Gewährleistung für alle auftretenden Schäden durch unsachgemäße Handhabung der Instrumente.

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### ATTENTION

All surgical instruments may be used only in accordance with its purpose. For example delicate scissors may be not used to cut hard materials like calcium deposits or plaque etc.. If a user is not sure for handling Asanus surgical instruments he has to ask Asanus for the correct usage. In case of wrong handling of the Asanus surgical products Asanus cannot take any warranty.

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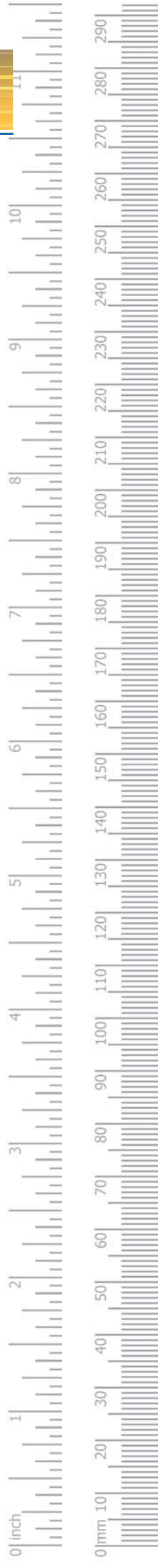
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160	6 1/4
165	6 1/2
170	6 3/4
175	7
180	7 1/8
185	7 1/4
190	7 1/2
195	7 3/4
200	8
205	8 1/8
210	8 1/4
215	8 1/2
220	8 3/4
225	9
230	9 1/8
235	9 1/4
240	9 1/2
245	9 3/4
250	10
255	10 1/8
260	10 1/4
265	10 1/2
270	10 3/4
275	11
280	11 1/8
285	11 1/4
290	11 1/2
295	11 3/4
300	12
305	12 1/8
310	12 1/4
320	12 1/2
325	12 3/4
330	13



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**WE ARE DIFFERENT**



Certificated Authorized Distributor



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