ASANUS®



Instrumente für die Mikroplastische Chirurgie

Instruments for Micro Plastic Surgery

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Technische Änderungen vorbehalten. Dieser Prospekt darf ausschließlich zur Anbietung und dem An- und Verkauf unserer Erzeugnisse dienen. Nachdruck, auch auszugsweise, verboten. Bei Missbrauch behalten wir uns Rücknahme der Kataloge und Preislisten sowie Regressmaßnahmen vor.

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ASANUS bedeutet sinngemäß „Hin zur Gesundheit“

Das Unternehmen ASANUS Medizintechnik GmbH bietet komplette Systemlösungen und Produkte mit hohem, nachhaltigem wirtschaftlichem Nutzen für das Gesundheitswesen im operativen und informationstechnologischem Bereich. Das stetige Hinterfragen von Sinnhaftigkeit in der Schaffung von Produkten und Leistungen sind prägend für die Plattform und Basis unserer Schaffenskraft und unserem Handeln. Im Einklang von Tradition und High-Tech-Innovationen schafft ASANUS Medizintechnik Ihre ideale Plattform für wirtschaftlich sinnvolle Lösungen im operativen Krankenhausarbeitsumfeld und ermöglicht Ihnen auch so ein vernetztes Arbeiten nach modernen Industriestandard 4.0.

„Instrumente für´s Leben“
ASANUS Medizintechnik GmbH bietet Ihnen weit über den Standard hinaus hochpräzise, chirurgische Qualitätsinstrumente „Made by ASANUS“ für fast jeden chirurgischen Bereich. In dieser Broschüre finden Sie feinste Mikrochirurgische Spezialinstrumente für Ihre Mikroplastische Operationen. Wir entwickeln auch sehr gerne mit Ihnen neue Instrumente und verwirklichen so Ihre Ideen zum Wohle der Patienten. Sprechen Sie uns an.

„Wir schaffen neue Standards“
Über einen Zeitraum von mehr als 15 Jahren entwickelte ASANUS Medizintechnik eine ausgereifte BarCon Software für das Sterilgutmanagement, die Materiallogistik und die Geräteinventarlogistik für Kliniken und Krankenhäuser. Mit diesem System ist es dem Anwender erstmalig möglich Prozesse ganzheitlich und in Echtzeit abzubilden, zu planen und zu steuern. Eine Verfügbarkeit von Ressourcen wird in Echtzeit ebenfalls überwacht und im Einklang mit den Nutzern geregelt und kommuniziert. Zudem bietet ASANUS Medizintechnik durch die Weiterentwicklung der ARIS RFID Chip Technologie ein hoch innovatives Werkzeug zur Einzelverfolgung von Medizinprodukten und Geräten mit sehr hohem Automatisierungspotential und exzellenter Qualitätssicherung.

Analogously ASANUS means ”towards health”

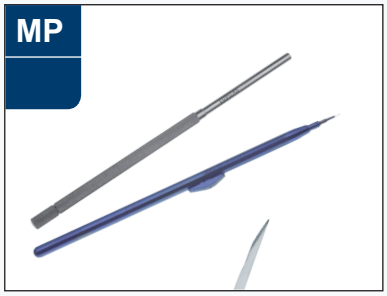
The company ASANUS Medizintechnik GmbH offers complete system solutions and products with a high, sustainable economic benefit for the health care system in the operational and information technological field. Continuous scrutinising from meaningfulness in creating products and achievements are formative for the platform and base of our creative power and acting. In accordance from tradition and high-tech-innovations ASANUS creates your ideal platform for economically reasonable solutions in the operational working environment in hospital. Furthermore it enables you a networked working according to modern industrial standard 4.0.

“Instruments for life”
ASANUS Medizintechnik GmbH offers you high-precision, surgical quality instruments “Made by ASANUS” far in excess of the standard for almost every surgical field. In this brochure you will find the finest micro-surgical systems for your micro-plastic surgery. We are also developing very happy with you new tools, thus realizing your ideas for the benefit of patients. Contact us.

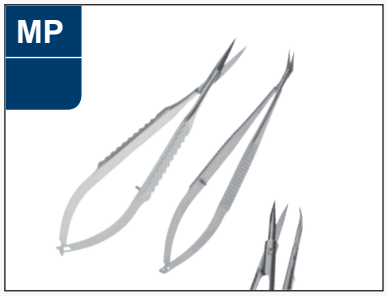
“We create new standards”
Over a period of more than 15 years, ASANUS Medizintechnik GmbH has developed a mature BarCon Software for tracking surgical instruments, medical material supply and its logistics for hospitals and surgery centers. With this system the user has a first-time possibility to control, plan and reproduce processes integrally and in real-time. Furthermore availability of resources is monitored as well as regulated and communicated in accordance with users. On top of that due to further development of the ARIS RFID Chip technology ASANUS Medizintechnik GmbH offers a high innovative tool for individual monitoring of medical products and devices with a very high automation potential.

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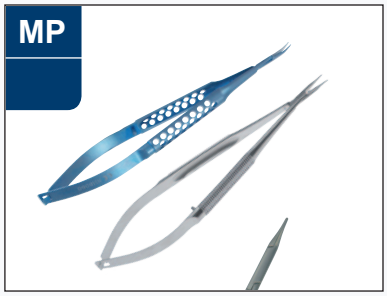
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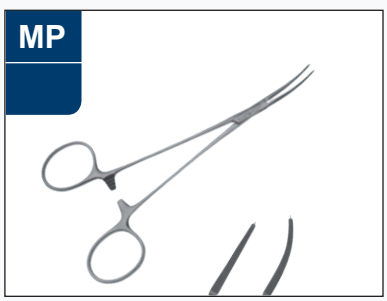
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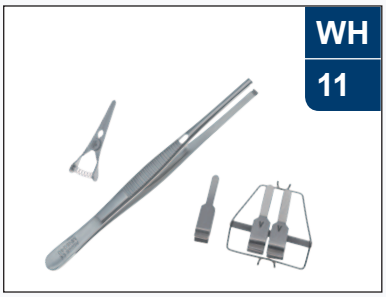
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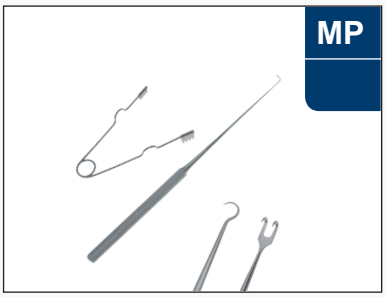
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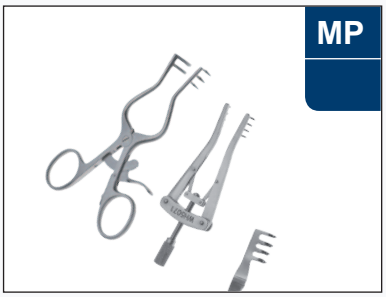
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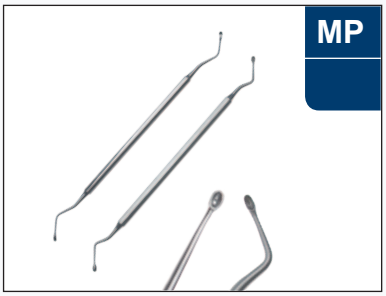
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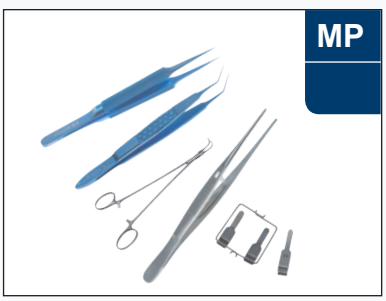
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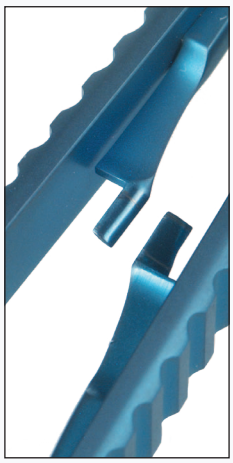


84 Scharfe Löffel / Bone Curettes



85 Mikro-Handchirurgie Set / Micro Hand Surgery Set





Federsperre
Ratchet



Multi Lock
Multi Lock



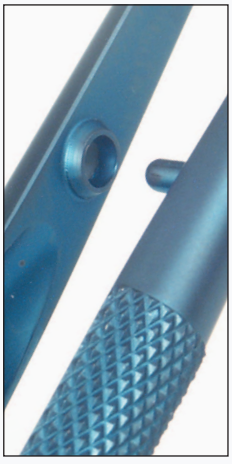
Gegengewicht
Counterbalance



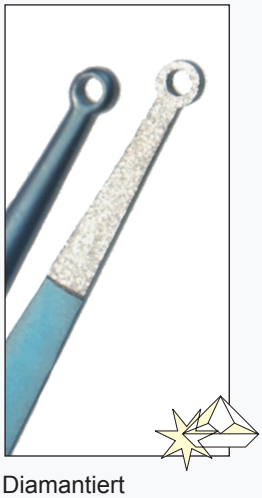
Streamline
Streamline



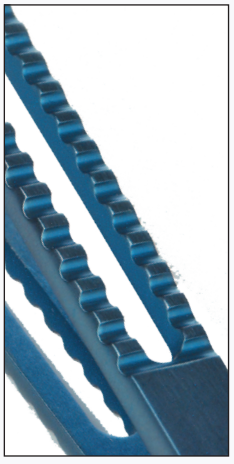
Extra Light
Extra Light



Führungsstift
Safety Pin



Diamantiert
Diamond Dusted



Master Light
Master Light



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Diamantmesser, Sicherheitsmesser
Diamond Knives, Safety Knives

Diamantmesser sind das weltweit härteste Material mit bestem Mikroschnitt.
Durch den Safety Schutzmechanismus können Sie sicher im Schnittfeld arbeiten und sich davon wieder entfernen.

Diamond knives have the hardest cutting edge with excellent cutting result in micro surgery.
Due to the simple safety mechanism you may work sure in the cutting field and remove in an optimal way the knife again.





GF5080
45°



GF5078
60°



GF5077
facettenlos
without facettes



GF5076
35°

GF5080 - GF5076
Diamantmesser komplett
Klinge und Griff, 200 mm
Diamond knife
Blade and handle, 200 mm





AU8000-1
30°
150 mm



AU8000-2
30°
200 mm

AU8000-1 - AU8000-2
Diamantmesser Standard
Blattstärke 0,15 - 0,2 mm
Diamond knife standard
Blade strongness 0,15 - 0,2 mm

für Klingen **SK0361** - **SK0417**
for blades **SK0361** - **SK0417**



SK0400
135 mm, 5½"
rund, round



SK0401
155 mm, 6"
rund, round



CASPAR
SK0410
180 mm, 7"
rund, round



SK0412
200 mm, 8"
rund, round

Skalpellgriffe für mikrochirurgische Klingen
Scalpel Handles for Microsurgery Blades

für Klingen **SK0361** - **SK0417**
for blades **SK0361** - **SK0417**



LANDOLT
SK0413
250 mm, 10"
bajonettförmig, rund
bayonet shaped, round
1/1



LANDOLT
SK0411
215 mm, 8½"
bajonettförmig, 4-kant
bayonet shaped, spuare shank
1/1



SK0415
300 mm, 12"
rund, round
1/1



SK0416
370 mm, 14½"
rund, round
1/1

für Skalpellgriffe **SK0400** - **SK0416**
for scalpel handles **SK0400** - **SK0416**



SK0361
Packung à 10 Stück
Package of 10 pieces



SK0362
Packung à 10 Stück
Package of 10 pieces



SK0363
Packung à 10 Stück
Package of 10 pieces



SK0364
Packung à 10 Stück
Package of 10 pieces



SK0365
Packung à 10 Stück
Package of 10 pieces



SK0366
Packung à 10 Stück
Package of 10 pieces



SK0367
Packung à 10 Stück
Package of 10 pieces



SK0369
Packung à 10 Stück
Package of 10 pieces



SK0417
Packung à 10 Stück
Package of 10 pieces

MILLIMETER



TOENNIS

MS0310

125 mm, 5"

MS0311

190 mm, 7 1/2"



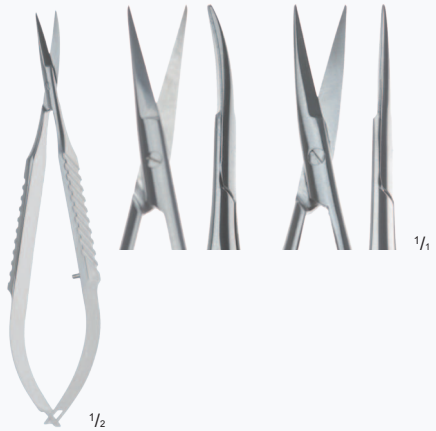
ZIEGLER

AU0680

115 mm, 4 1/2"

Discision-Iris Messer

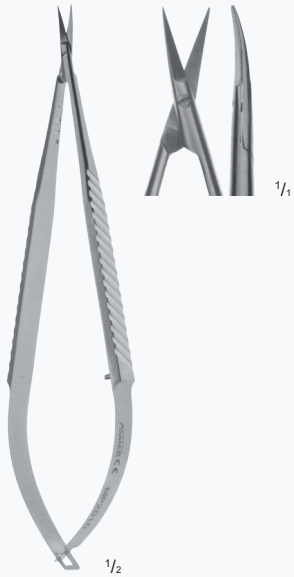
Discision iris knife



	MP2008	MP2009
	110 mm, 4 1/4"	110 mm, 4 1/4"
Flachgriff, 8 mm breit Klingen 19 mm lang Flat handle, 8 mm wide Blades 19 mm long	•	•
gerade straight		•
gebogen curved	•	
Dissektion Dissection	•	
Adventitia Adventitia		•
vasculum, 0,5-1,5 mm	•	•
vasculum, 1,5-3,0 mm	•	•
tubus	•	•
vas deferens	•	•
andere Mikro-arbeiten different micro applications	•	•



	MP2011
	150 mm, 6"
Flachgriff, 8 mm breit Klingen 14 mm lang Flat handle, 8 mm wide Blades 14 mm long	•
gerade straight	
gebogen curved	•
Dissektion Dissection	•
Mikro, fein gezahnt Micro, fine serrated	•
vasculum, 0,5-1,5 mm	•
vasculum, 1,5-3,0 mm	•
tubus	•
vas deferens	•
andere Mikro-arbeiten different micro applications	•



	MP2010
	150 mm, 6"
Flachgriff, 8 mm breit Klingen 10 mm lang Flat handle, 8 mm wide Blades 10 mm long	•
gerade straight	
gebogen curved	•
Dissektion Dissection	•
Mikro, fein gezahnt Micro, fine serrated	
vasculum, 0,5-1,5 mm	•
vasculum, 1,5-3,0 mm	
tubus	
vas deferens	
andere Mikro-arbeiten different micro applications	•





	MP2015	MP2016	MP2017	MP2018	MP2019
	145 mm, 5 3/4"	150 mm, 6"	150 mm, 6"	150 mm, 6"	150 mm, 6"
Rundgriff, 8 mm Ø Klingen 12 mm lang Round handle, 8 mm Ø Blades 12 mm long	•	•	•	•	•
gerade straight		•		•	
gebogen curved	•		•		•
Dissektion Dissection	•		•		•
Adventitia Adventitia		•		•	
Mikro, fein gezahnt Micro, fine serrated			•	•	
vasculum, 0,5-1,5 mm	•	•	•	•	•
vasculum, 1,5-3,0 mm	•	•	•	•	•
tubus	•	•	•	•	•
vas deferens	•	•	•	•	•
andere Mikro-arbeiten different micro applications	•	•	•	•	•

	MP2032	MP2033	MP2035
	180 mm, 7"	180 mm, 7"	185 mm, 7 1/4"
Rundgriff, 8 mm Ø Klingen 14 mm lang Round handle, 8 mm Ø Blades 14 mm long	•	•	•
gerade straight		•	•
gebogen curved	•		
Dissektion Dissection	•		
Adventitia Adventitia		•	•
Mikro, fein gezahnt Micro, fine serrated			•
vasculum, 0,5-1,5 mm	•	•	•
vasculum, 1,5-3,0 mm			
tubus			
vas deferens	•	•	•
andere Mikro-arbeiten different micro applications			



SC0090 - SC0091
mit Rundgriff
with round handle

gerade straight	gebogen curved
Standard Blattlänge, blade length 14 mm	
	 1/1
SC0090 110 mm, 4 1/4"	**SC0091** 120 mm, 4 3/4"



SC0090 - SC0091
mit Flachgriff
with flat handle

aufgewinkelt angled on flat	aufgewinkelt, stumpf angled on flat, blunt	gerade straight	gebogen curved	gebogen, feine Schneiden curved, fine blades
Slim Line Blattlänge, blade length 12 mm				
				 1/1
SC0021 150 mm, 6" spitz sharp		**SC0023** 155 mm, 6 1/8" spitz sharp	**SC0025** 155 mm, 6 1/8" spitz sharp	**SC0027** 150 mm, 6" spitz sharp
SC0022 175 mm, 7" spitz sharp	**SC0022-1** 170 mm, 7" stumpf blunt	**SC0024** 175 mm, 7" spitz sharp	**SC0026** 175 mm, 7" spitz sharp	**SC0028** 175 mm, 7" spitz sharp

MILLIMETER



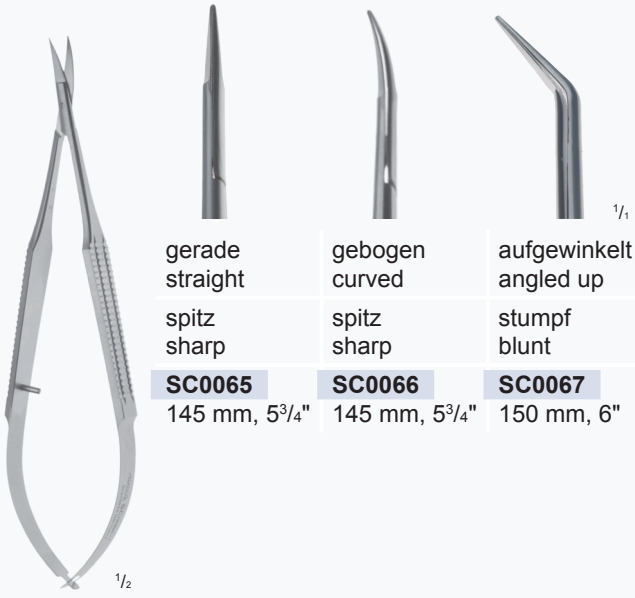
	gerade, straight	gebogen, curved	
	spitz sharp	spitz sharp	stumpf blunt
Blattlänge, blade length			
14 mm	**MN0590**	**MN0600**	**MN0610**
9 mm			**SC0059**



MN0590 - MN0610
SC0059
145 mm, 5 1/2"
Rundgriff, Round handle



CORONAR
SC0039
135 mm, 5 1/4"



gerade straight	gebogen curved	aufgewinkelt angled up
spitz sharp	spitz sharp	stumpf blunt
SC0065	**SC0066**	**SC0067**
145 mm, 5 3/4"	145 mm, 5 3/4"	150 mm, 6"

SC0065 - SC0067
Flachgriff, Flat handle
Blattlänge, Blade length 12 mm





	gerade straight	gebogen curved
120 mm, 4 3/4"	**MN0651**	**MN0653**
160 mm, 6 1/2"	**MN0652**	**MN0654**

VANNAS
MN0651 - MN0654



MN0641
120 mm, 4 3/4"



BIEMER
MN0655
130 mm, 5 1/8"
Venenschere
Vein scissors



MN0110
120 mm, 4 3/4"



MN0008
gerade, straight
Tip 0,2 mm
Blattlänge 6 mm
Blade length

MN0009
30° gebogen, angled
Tip 0,2 mm
Blattlänge 7 mm
Blade length

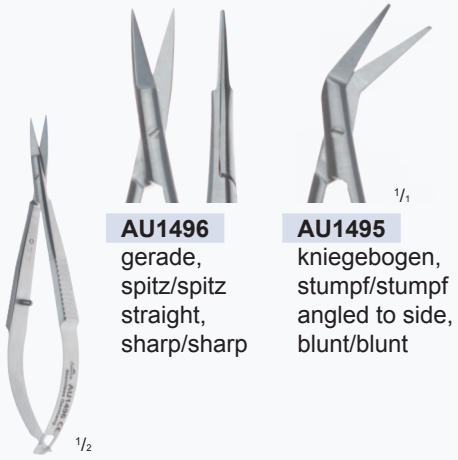
MN0008 - MN0009
110 mm, 4 1/4"
mit TITAN-Handgriff
with TITAN handle

MILLIMETER



AU1440 **AU1441** **AU1443**

VANNAS
AU1440 - AU1443
80 mm, 3"
Blattlänge 8 mm
Blades 8 mm



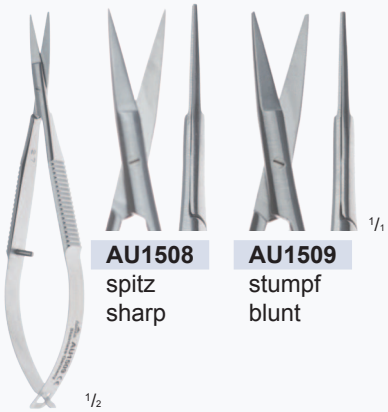
AU1496
gerade,
spitz/spitz
straight,
sharp/sharp

AU1495
kniegebogen,
stumpf/stumpf
angled to side,
blunt/blunt

AU1495 - AU1496
90 mm, 3 1/2"



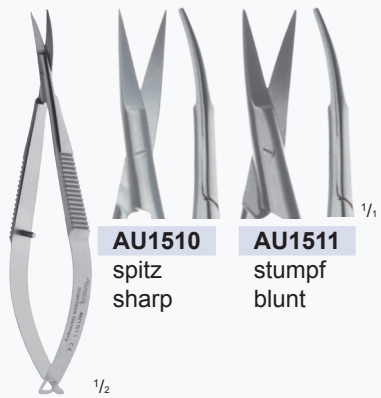
AU1494
100 mm, 4"
stumpf, kniegebogen
blunt, angled to side



AU1508
spitz
sharp

AU1509
stumpf
blunt

AU1508 - AU1509
110 mm, 4 1/4"



AU1510
spitz
sharp

AU1511
stumpf
blunt

AU1510 - AU1511
100 mm, 4"



WESTCOTT
AU1519
140 mm, 5 1/2"

Sehnenscheren
Tendon scissors



AU1512
gerade,
spitz/spitz
straight,
sharp/sharp



AU1514
gerade,
stumpf/stumpf
straight,
blunt/blunt





AU1513
gebogen,
spitz/spitz
curved,
sharp/sharp

1/2

WESTCOTT
AU1512 - AU1513
120 mm, 4 1/2"





AU1515
gebogen,
stumpf/stumpf
curved,
blunt/blunt

1/2

WESTCOTT
AU1514 - AU1515
110 mm, 4 1/2"
für Rechtshänder, right handed





gebogen,
stumpf/stumpf
curved,
blunt/blunt

1/2

WESTCOTT
AU1516
110 mm, 4 1/2"
für Linkshänder, left handed


1/2

STEVENS
SC0670 - SC0691



SC0690
115 mm, 4 1/2"
stumpf/stumpf
blunt/blunt



SC0691
115 mm, 4 1/2"
stumpf/stumpf
blunt/blunt



SC0670
115 mm, 4 1/2"
spitz/spitz
sharp/sharp


1/1

SC0671
115 mm, 4 1/2"
spitz/spitz
sharp/sharp



SC0672
125 mm, 5"
stumpf/stumpf
blunt/blunt


1/1

SC0673
125 mm, 5"
stumpf/stumpf
blunt/blunt


1/2

GLASGOW
SC1126 - SC1136
extrem feine Blätter
extremely delicate tips
Fig. 2



SC1126
145 mm, 5 3/4"
stumpf
blunt


1/1

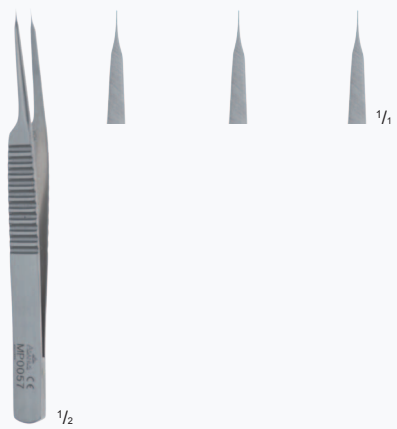
SC1136
180 mm, 7"
stumpf
blunt



	MP0090
	110 mm, 4 1/4"
Flachgriff, 9 mm breit gerade Flat handle, 9 mm wide straight	•
Standard line Standard line	•
vasculum, 0,5-1,5 mm	•
vasculum, 1,5-3,0 mm	•
andere Mikro-arbeiten different micro applications	•



	MP0094
	110 mm, 4 1/4"
Flachgriff, 9 mm breit gewinkelt 45° Flat handle, 9 mm wide angled 45°	•
Standard line Standard line	•
vasculum, 0,5-1,5 mm	•
vasculum, 1,5-3,0 mm	•
andere Mikro-arbeiten different micro applications	•



	MP0055	MP0056	MP0057
	110 mm, 4 1/4"	110 mm, 4 1/4"	110 mm, 4 1/4"
Flachgriff, 9 mm breit gewinkelt 10° Flat handle, 9 mm wide angled 10°	•	•	•
Standard line Standard line	•	•	•
Tip length (mm)	4	8	8
vasculum, 0,5-1,5 mm		•	•
vasculum, 1,5-3,0 mm	•		
vas deferens		•	•



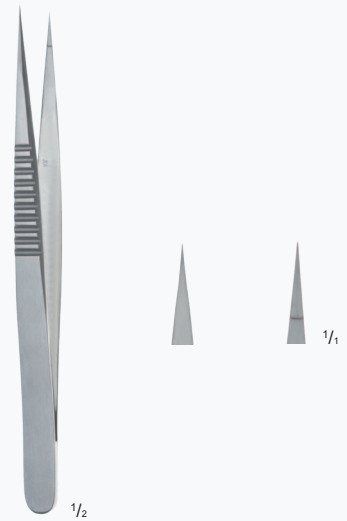
	MP0058
	110 mm, 4 1/4"
Flachgriff, 7 mm breit gerade Flat handle, 7 mm wide straight	•
Standard line Standard line	•
Tip length (mm)	8
vasculum, 0,5-1,5 mm	•
vasculum, 1,5-3,0 mm	
vas deferens	•



	MP0101
	135 mm, 5 1/4"
Flachgriff, 7 mm breit gerade Flat handle, 7 mm wide straight	•
Standard line Standard line	•
vasculum, 0,5-1,5 mm	•
vasculum, 1,5-3,0 mm	•
tubus	•
vas deferens	•
andere Mikro-arbeiten different micro applications	•



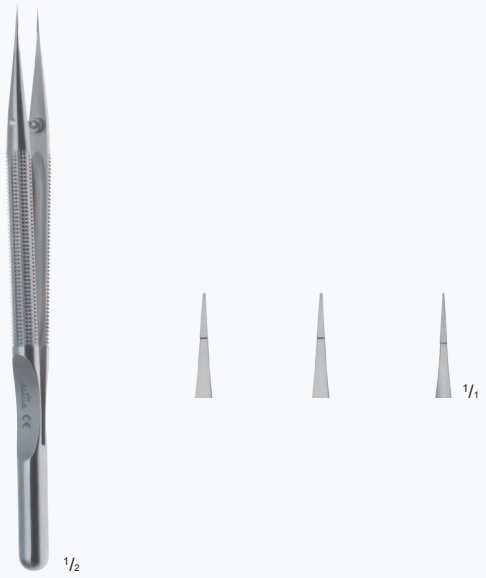
	MP0109
	135 mm, 5 1/4"
Flachgriff, 9 mm breit gewinkelt 45° Flat handle, 9 mm wide angled 45°	
Standard line Standard line	
vasculum, 0,5-1,5 mm	
vasculum, 1,5-3,0 mm	
andere Mikro-arbeiten different micro applications	



	MP0110	MP0111
	135 mm, 5¼"	135 mm, 5¼"
Flachgriff, 9 mm breit gerade Flat handle, 9 mm wide straight	•	•
Standard line Standard line	•	•
Plateau		•
vasculum, 0,5-1,5 mm	•	•
vasculum, 1,5-3,0 mm	•	•
tubus	•	•
vas deferens	•	•
andere Mikro-arbeiten different micro applications	•	•



	MP0115
	150 mm, 6"
Rundgriff, 8 mm Ø gebogen Round handle, 8 mm Ø curved	•
Balance line Balance line	•
vasculum, 0,5-1,5 mm	•
vasculum, 1,5-3,0 mm	•
andere Mikro-arbeiten different micro applications	•



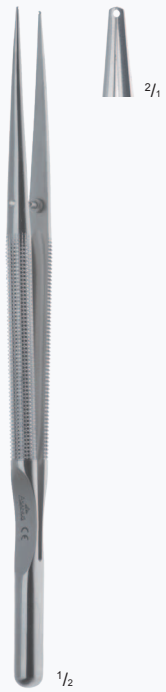
	MP0116	MP0117	MP0119
	150 mm, 6"	150 mm, 6"	150 mm, 6"
Rundgriff, 8 mm Ø gebogen Round handle, 8 mm Ø curved	•	•	•
Balance line Balance line	•	•	•
Plateau	•	•	•
vasculum, 0,5-1,5 mm	•	•	•
vasculum, 1,5-3,0 mm	•	•	•
andere Mikro-arbeiten different micro applications	•	•	•

MILLIMETER



MP0064

	150 mm, 6"
Rundgriff, 8 mm Ø gerade Round handle, 8 mm Ø straight	•
Balance line Balance line	•
Plateau	•
Tip length (mm)	4
vasculum, 0,5-1,5 mm	•
vasculum, 1,5-3,0 mm	•
tubus	•
vas deferens	•

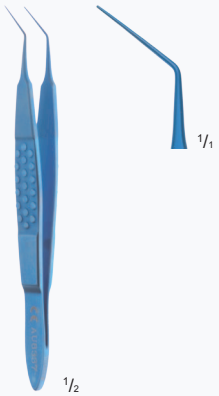


MP0025

	180 mm, $7^{1}/_{8}$"
Rundgriff, 8 mm Ø gerade Round handle, 8 mm Ø straight	•
Balance line Balance line	•
pierse	•
vasculum, 0,5-1,5 mm	•
vasculum, 1,5-3,0 mm	•
andere Mikro-arbeiten different micro applications	•



MN0005
180 mm, 7"
1 x 2 Zähne, diamantisiert
1 x 2 teeth, diamond dusted



AU8337
102 mm, 4"
TITAN



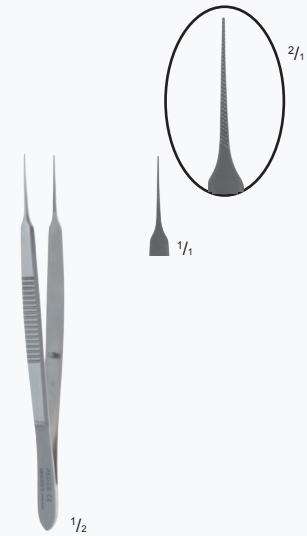
DODEN
AU4102
125 mm, 4"
Implantationspinzette
Implantation forceps



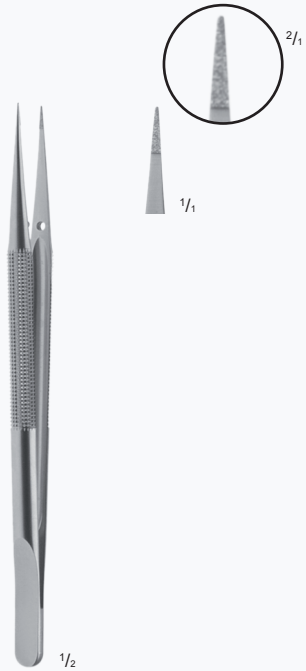
MÜLLER
MN5503
110 mm, 4 1/4"
scharf, 1 x 2 Zähne
sharp, 1 x 2 teeth



MÜLLER
MN5513
160 mm, 6 1/4"
spitz, 1 x 2 Zähne
sharp, 1 x 2 teeth



LINZ
MN0089
100 mm, 4"
Spitze 0,5 mm
TIP 0,5 mm



LINZ
MN0087
150 mm, 6"
Ergo-Rundgriff
Spitze 0,6 auf 1,0 mm
Tungston carbide
TIP 0,6 to 1,0 mm



MN0084
150 mm, 6"
mit Plateau 6 x 0,7 mm
with plateau 6 x 0,7 mm

MILLIMETER

Mikro-Pinzetten, TITAN
Micro Forceps, TITANIUM

Mikro Fasspinzette
Micro Tying Forceps





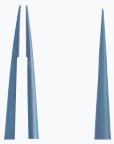
MN8502
115 mm, 4 1/2"



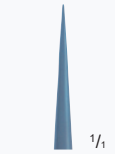
GF8148-1
185 mm, 7"

SMOOTH
MN8502 - GF8148-1
ohne Plateau, gerade
without Plateau, straight





GF8031
180 mm, 7"



GF8032
200 mm, 8"



Diese Pinzette wurde speziell für feinste Präparation der Mamaria Arterie und für die Mikro Plastik Chirurgie von Herrn Armin Schorer entwickelt.

These forceps were specifically developed by Mr. Armin Schorer for finest preparation on the Mamaria Artery and for Micro Plastic Surgery.

MICRO DELICATE
GF8031 - GF8032
mit Plateau
fein, gerade
with Plateau
fine, straight



LINZ
MN8085
mit Gegengewicht
with counterbalance



LINZ
MN8087
Flachgriff
flat handle





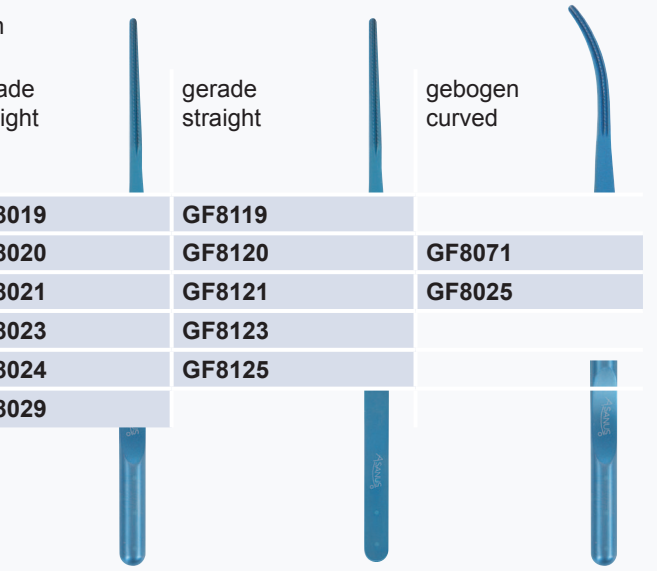
1 x 2 Zähne gerade 1 x 2 teeth straight	0,6 mm Maul, TIP	1,0 mm Maul, TIP	1,5 mm Maul, TIP
150 mm, 6"	**MN8085**	**MN8086**	
160 mm, 6 1/4"	**MN8087** (Flachgriff / flat handle)		
210 mm, 8 1/4"			**GF8058**

LINZ



	1 mm / 4 mm	gerade straight	gerade straight	gebogen curved
160 mm, 6 1/4"	4 mm	**GF8019**	**GF8119**	
160 mm, 6 1/4"	1 mm	**GF8020**	**GF8120**	**GF8071**
185 mm, 7 1/4"	1 mm	**GF8021**	**GF8121**	**GF8025**
210 mm, 8 1/2"	1 mm	**GF8023**	**GF8123**	
230 mm, 9"	1 mm	**GF8024**	**GF8125**	
250 mm, 10"	1 mm	**GF8029**		

DE BAKEY



mit Gegengewicht Counterbalance | LIGHT WEIGHT | mit Gegengewicht Counterbalance

mit feinem Plateau with delicate Plateau	gerade straight	gerade straight	gerade, sehr fein straight, delicate	gebogen curved	gebogen curved	kräftig 2 mm strong 2 mm
145 mm, 5 3/4"	**GF8044**					
160 mm, 6 1/4"	**GF8046**	**GF8146**		**GF8047**	**GF8147**	
185 mm, 7 1/4"	**GF8048**	**GF8148**		**GF8049**	**GF8149**	
210 mm, 8 1/2"	**GF8050**	**GF8150**	**GF8060**	**GF8051**	**GF8151**	**GF8080**
230 mm, 9"		**GF8152**		**GF8153**		
250 mm, 10"		**GF8154**				

PLATEAU



mit Gegengewicht Counterbalance | LIGHT WEIGHT | LIGHT WEIGHT | LIGHT WEIGHT | LIGHT WEIGHT | LIGHT WEIGHT

Mikro-Pinzetten, TITAN
Micro Forceps, TITANIUM

mit Ring with ring	Small Ø 0,6 x 1,2 mit Plateau with plateau	Delicate Ø 0,9 x 0,4 mit Plateau with plateau	Small Ø 0,6 x 1,2 ohne Plateau without plateau	Small Ø 0,6 x 1,2 mit Plateau with plateau	Medium Ø 1,2 x 1,8	Medium Ø 1,2 x 1,8
150 mm, 5 3/4"	**GF8002**			**GF8102**	**GF8003**	**GF8103**
160 mm, 6 1/4"	**GF8004**			**GF8104**	**GF8005**	**GF8105**
185 mm, 7 1/4"	**GF8001**	**GF8030**	**GF8101-1**	**GF8101**	**GF8000**	**GF8100**
210 mm, 8 1/2"	**GF8010**			**GF8110**	**GF8011**	**GF8111**
230 mm, 9"	**GF8012**			**GF8112**	**GF8016**	
250 mm, 10"	**GF8013**			**GF8113**	**GF8018**	
300 mm,12"	**GF8022**					

RINGTIP





mit Gegengewicht Counterbalance	LIGHT WEIGHT	mit Gegengewicht Counterbalance	LIGHT WEIGHT	mit Gegengewicht Counterbalance	LIGHT WEIGHT

1/2


1/2



1/1

Länge Length	TIP	gerade straight	25° gewinkelt 25° angled
150 mm, 6"	1,0 mm	**GF8090**	
180 mm, 7"	1,2 mm	**GF8091**	
200 mm, 8"	1,5 mm	**GF8092**	
220 mm, 8¾"	1,5 mm	**GF8092-2**	
240 mm, 9½"	1,5 mm	**GF8093**	
300 mm, 12"	1,5 mm	**GF8095**	**GF8098**

DE BAKEY
GF8090 - GF8098
Master Light
Safety Pin

MILLIMETER

Mikro-Fasspinzette, TITAN
Micro Tying Forceps, TITANIUM



	gerade straight	gerade straight	Ø 0,3 x 0,7 mit Mikroring with Micro-Ringtip
150 mm, 6"	**GF8026**	**GF8036**	
160 mm, 6½"		**GF8035**	
185 mm, 7¼"	**GF8027**	**GF8037**	
210 mm, 8¼"	**GF8028**	**GF8038**	**GF8009**



mit Gegengewicht
Counterbalance

LIGHT WEIGHT

mit Gegengewicht
Counterbalance

½

ASANUS COMBI-SPECIAL

Knüpf- u. Nahtpinzette
Suture and Tying Forceps

SAVE GRIP



1/1

DE BAKEY
GF8739 - GF8830
gerade
straight

Länge Length	TIP	
150 mm, 6"	1,0 mm	**GF8739**
150 mm, 6"	1,5 mm	**GF8830**
150 mm, 6"	2,0 mm	**GF8740**
150 mm, 6"	2,9 mm	**GF8790**
155 mm, 6"	2,5 mm	**GF8778**
185 mm, 7"	1,5 mm	**GF8832**
185 mm, 7"	2,5 mm	**GF8780**
200 mm, 8"	1,0 mm	**GF8820**
200 mm, 8"	2,0 mm	**GF8760**
200 mm, 8"	2,9 mm	**GF8791**
200 mm, 8"	3,5 mm	**GF8800**
210 mm, 8¼"	2,5 mm	**GF8781**
240 mm, 9½"	1,0 mm	**GF8824**
240 mm, 9½"	1,5 mm	**GF8835**
240 mm, 9½"	2,5 mm	**GF8782**
240 mm, 9½"	2,9 mm	**GF8792**
240 mm, 9½"	3,5 mm	**GF8810**
300 mm, 12"	2,0 mm	**GF8763**
300 mm, 12"	2,9 mm	**GF8793**
300 mm, 12"	4,0 mm	**GF8794**

MILLIMETER



RINGTIP
GFB5115 - GFB5325-1

mit Ring Ø 1,0 x 0,5 mm ohne Plateau with ring Ø 1,0 x 0,5 mm without plateau	gerade straight	gebogen curved	gerade straight	gebogen curved
150 mm, 6"	**GFB5315**	**GFB5315-1**	**GFB5115**	
185 mm, 7 1/4"	**GFB5318**	**GFB5318-1**	**GFB5118**	
210 mm, 8 1/2"	**GFB5321**	**GFB5321-1**	**GFB5121**	**GFB5121-1**
230 mm, 9"	**GFB5323**	**GFB5323-1**	**GFB5123**	
250 mm, 10"	**GFB5325**	**GFB5325-1**	**GFB5125**	



mit Gegengewicht Counterbalance | mit Gegengewicht Counterbalance | LIGHT WEIGHT | LIGHT WEIGHT



PLATEAU
GFB6215 - GFB6621

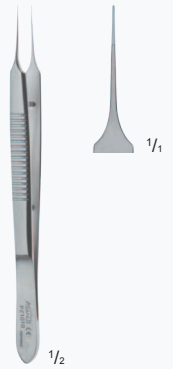
mit feiem Plateau with delicate plateau	gerade straight	gebogen curved	gerade straight	gebogen curved
150 mm, 6"	**GFB6215**	**GFB6215-1**	**GFB6315**	
185 mm, 7 1/4"	**GFB6218**	**GFB6218-1**	**GFB6318**	**GFB6618**
210 mm, 8 1/2"	**GFB6221**	**GFB6221-1**	**GFB6321**	**GFB6621**
230 mm, 9"	**GFB6223**	**GFB6223-1**	**GFB6323**	
250 mm, 10"	**GFB6225**	**GFB6225-1**	**GFB6325**	



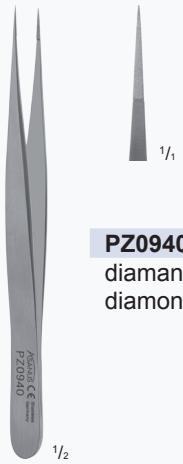
mit Gegengewicht Counterbalance | mit Gegengewicht Counterbalance | LIGHT WEIGHT | LIGHT WEIGHT

Die Diamantisierung bietet Ihnen einen wesentlich besseren Halt und vermeidet das Abrutschen und damit verbunden mögliche Traumatisierungen.

The diamond coating offers you a considerably better gripping and avoids the slipping down and possible trauma.



PZ1010
95 mm, 3¾"
TIP 0,2 mm

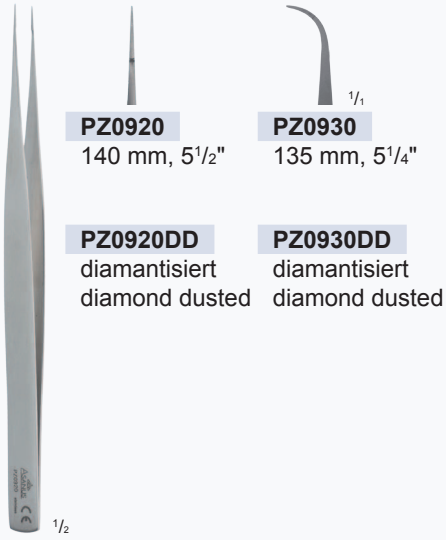


PZ0940DD
diamantisiert
diamond dusted

PZ0940
120 mm, 4¾"
mit Plateau
with plateau
TIP 0,3 mm



PIERCE
MP0132
130 mm, 5¼"
glatt
smooth
TIP 0,3 mm



PZ0920
140 mm, 5½"

PZ0930
135 mm, 5¼"

PZ0920DD
diamantisiert
diamond dusted

PZ0930DD
diamantisiert
diamond dusted

VISE
PZ0920 - PZ0930
TIP 0,3 mm



PZ0710DD
diamantisiert
diamond dusted

LAZAR
PZ0710
155 mm, 6"
TIP 0,6 mm



PZ0950DD
diamantisiert
diamond dusted

AUSTIN
PZ0950
140 mm, 5½"
TIP 0,8 mm

MILLIMETER



1/2



1/1

PZ0569
120 mm, 4 3/4"
TIP 0,8 mm



1/1

PZ0572
120 mm, 4 3/4"
TIP 1,0 mm



PZ0570
150 mm, 6"
TIP 0,5 mm

MICRO-ADSON
PZ0569 - PZ0572



1/2



1/1

mit Plateau
with plateau

PZ0730DD
185 mm, 7 1/4"
TIP 0,5 mm



MN1410

MN1410DD
diamantisiert
diamond dusted

MN1420

MN1420DD
diamantisiert
diamond dusted

MN1410 - MN1420
120 mm, 4 3/4"
TIP 0,3 mm



MN1430

MN1430DD
diamantisiert
diamond dusted

MN1440

MN1440DD
diamantisiert
diamond dusted

MN1430 - MN1440
150 mm, 6"
TIP 0,3 mm



MN1450

MN1450DD
diamantisiert
diamond dusted

MN1460

MN1460DD
diamantisiert
diamond dusted

MN1450 - MN1460
180 mm, 7"
TIP 0,6 mm



AUSTIN
PZ0709
180 mm, 7"
TIP 0,8 mm



0,5 x 1,0 mm
diamantisiert
diamond dusted

GF0075
180 mm, 7"
TC-Ring-Knüpfpinzette
TC ringtip forceps



GRIP
GF0055
185 mm, 7 1/4"
gebogen, diamantisiert
curved, diamond dusted



MN0660
185 mm, 7 1/4"
feine Spitzen
fine tips

MILLIMETER

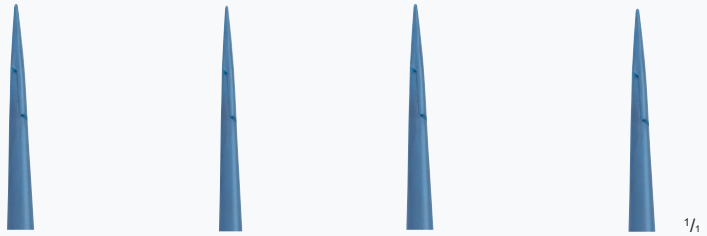
Mikro-Nadelhalter, Titan
Micro Needle Holder, Titanium



1/1

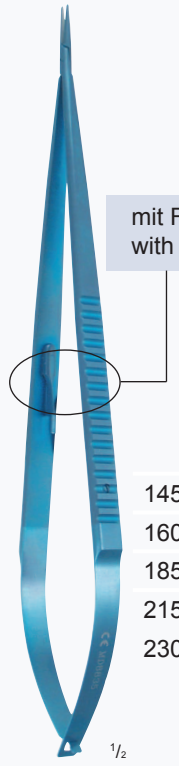
mit Multi Lock
with Multi Lock

DELICATE



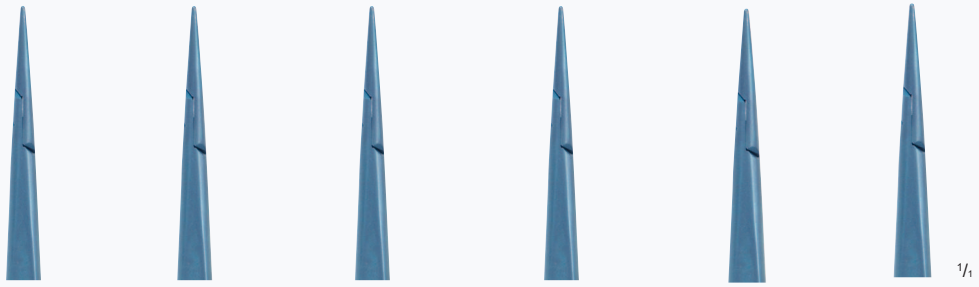
1/1

	gerade mit Multi Lock straight with Multi Lock 0,4 x 11 mm 7-0 >	gerade mit Multi Lock straight with Multi Lock 0,4 x 10 mm 8-0 >	gerade ohne Sperre straight without ratchet 0,4 x 11 mm 7-0 >	gerade mit Multi Lock straight with Multi Lock 0,4 x 11 mm 7-0 >
185 mm, 7"			**NH8310**	
205 mm, 8"	**NH8016-1**	**NH8349**	**NH8348**	**NH8016-2**
230 mm, 9"		**NH8028**		



1/2

mit Federsperre
with ratchet



1/1

	gerade mit Sperre straight with ratchet 0,4 x 12 mm 7-0 >	gerade mit Sperre straight with ratchet 1,6 x 12 mm 5-0 >	gerade ohne Sperre straight without ratchet 0,4 x 12 mm 7-0 >	gerade ohne Sperre straight without ratchet 0,8 x 12 mm 6-0 >	gerade mit Sperre straight with ratchet 8 x 0 >	gerade ohne Sperre straight without ratchet 7 x 0 >
145 mm, 5 1/2"					**NH8076**	
160 mm, 6"			**NH8079**			**NH8078**
185 mm, 7"	**MD8834**	**NH8070-1**		**NH8014**		
215 mm, 8 1/4"	**MD8835**	**NH8070-2**	**MD8835-1**	**NH8015**		
230 mm, 9"	**NH8520**	**NH8070-3**				


1/2




1/1

	sehr fein, gebogen ohne Sperre delicate, curved without ratchet 12 x 0,4 mm 7-0 >	sehr fein, gebogen mit Multi Lock delicate, curved with Multi Lock 12 x 0,4 mm 7-0 >
140 mm, 5 1/2"	**NH8060**	
160 mm, 6 1/4"	**NH8064**	
210 mm, 8 1/4"	**NH8066**	**NH8066-1**

EXTRA LIGHT

NH8060
140 mm, 5 1/2"


1/2

mit Multi Lock
with Multi Lock








1/1

	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"	**NH8900**	**NH8901**		
145 mm, 5 3/4"			**NH8006**	**NH8005**

NH8006



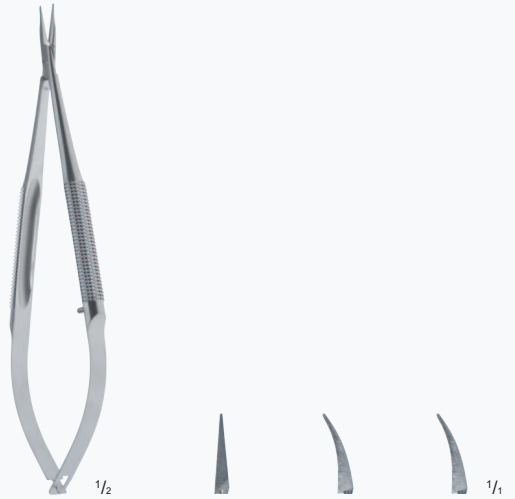
BARRAQUER
AU2414
140MM, 5 1/2
0,7 x 1,1 mm



	MP1145
	140 mm, 5 1/2"
Flachgriff, 8 mm breit gebogen Flat handle, 8 mm wide curved	•
mit Sperre with lock	
vasculum, 0,5-1,5 mm	•
vasculum, 1,5-3,0 mm	•
vas deferens	•
andere Mikro-arbeiten different micro applications	•



	MP1150	MP1151
	120 mm, 4 3/4"	120 mm, 4 3/4"
Rundgriff, 7 mm Ø gebogen Round handle, 7 mm Ø curved	•	•
mit Sperre with lock		•
vasculum, 0,5-1,5 mm	•	•
vasculum, 1,5-3,0 mm	•	•
vas deferens	•	•
andere Mikro-arbeiten different micro applications	•	•



	MP1152	MP1153	MP1154
	130 mm, 5 1/8"	130 mm, 5 1/8"	130 mm, 5 1/8"
Rundgriff, 8 mm Ø Round handle, 8 mm Ø	•	•	•
gerade straight	•		
gebogen curved		•	•
mit Sperre with lock			•
vasculum, 0,5-1,5 mm	•	•	•
vasculum, 1,5-3,0 mm	•	•	•
vas deferens	•	•	•
andere Mikro-arbeiten different micro applications	•	•	•



	MP1157	MP1158
	150 mm, 6"	152 mm, 6"
Rundgriff, 8 mm Ø Round handle, 8 mm Ø	•	•
gerade straight	•	
gebogen curved		•
mit Sperre with lock		
vasculum, 0,5-1,5 mm	•	•
vasculum, 1,5-3,0 mm	•	•
tubus	•	•
vas deferens	•	•
andere Mikro-arbeiten different micro applications	•	•

MILLIMETER



	MP1161	MP1162
	180 mm, 7"	180 mm, 7"
Rundgriff, 8 mm Ø Round handle, 8 mm Ø	•	•
gerade straight		
gebogen curved	•	•
mit Sperre with lock		•
vasculum, 0,5-1,5 mm	•	•
vasculum, 1,5-3,0 mm	•	•
tubus	•	•
vas deferens	•	•
andere Mikro-arbeiten different micro applications	•	•

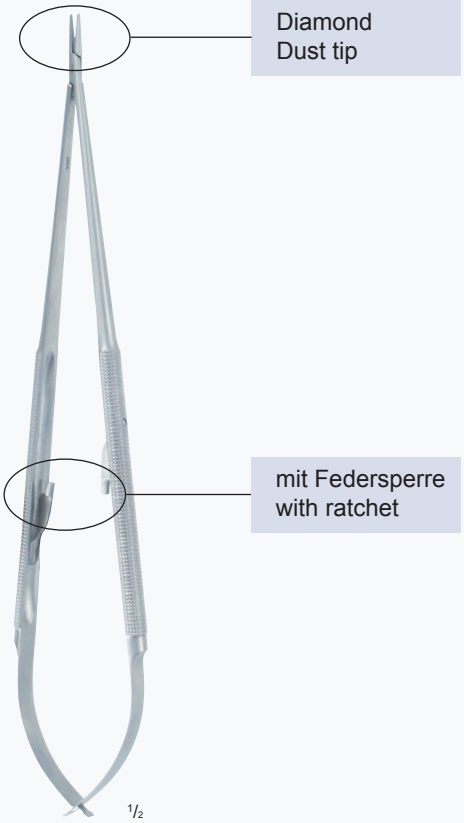


	MP1164
	180 mm, 7"
Rundgriff, 10 mm Ø Round handle, 10 mm Ø	•
gerade straight	
gebogen curved	•
mit Sperre with lock	
vasculum, 0,5-1,5 mm	
vasculum, 1,5-3,0 mm	•
tubus	•
vas deferens	•
andere Mikro-arbeiten different micro applications	•



mit Sperre with ratchet	gerade straight 8-0 >	gerade straight 8-0 >	gerade straight 7-0 >	gebogen curved 7-0 >	gerade straight 5-0 >	gebogen curved 5-0 >	gerade straight 4-0 >
	0,3 mm	0,5 mm	0,8 mm	0,8 mm	1,2 mm	1,2 mm	1,5 mm
185 mm, 7"	**MN1316D**	**MN1324D**	**MN1346D**	**MN1347D**	**MN1340D**	**MN1341D**	
210 mm, 8¼"	**MN1318D**	**MN1326D**	**MN1348D**	**MN1349D**	**MN1344D**	**MN1345D**	**MN1351D**
230 mm, 9"	**MN1322D**	**MN1328D**	**MN1352D**	**MN1353D**	**MN1354D**	**MN1355D**	
250 mm, 10"					**MN1356D**		

ohne Sperre without ratchet	gerade straight 8-0 >	gerade straight 8-0 >	gerade straight 7-0 >	gebogen curved 7-0 >	gerade straight 5-0 >	gebogen curved 5-0 >
	0,3 mm	0,5 mm	0,8 mm	0,8 mm	1,2 mm	1,2 mm
185 mm, 7"	**MN1288D**		**MN1320D**	**MN1330D**	**MN1332D**	**MN1333D**
210 mm, 8¼"			**MN1342D**	**MN1343D**	**MN1334D**	**MN1335D**
250 mm, 10"					**MN1338D**	**MN1339D**



JACOBSON

Mikro Stahl Nadelhalter
Micro Steel Needle Holder



	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 ratchet	ohne Sperre without ratchet
150mm, 6"		**NHB5127S**	**NHB5125S**			•	
150mm, 6"		**NHB5127**	**NHB5125**				•
180 mm, 7"	**NHB5148S**	**NHB5147S**	**NHB5145S**			•	
180 mm, 7"	**NHB5148**	**NHB5147**	**NHB5145**				•
190 mm, 7½"		**NHB5357S**		**NHB5354S**	**NHB5141S**	•	
190 mm, 7½"		**NHB5357**		**NHB5354**	**NHB5141**		•
205 mm, 8"	**NHB5158S**	**NHB5157S**	**NHB5155S**			•	
205 mm, 8"	**NHB5158**	**NHB5157**	**NHB5155**				•
230 mm, 9"	**NHB5188S**	**NHB5187S**	**NHB5185S**		**NHB5191S**	•	
230 mm, 9"	**NHB5188**	**NHB5187**	**NHB5185**		**NHB5191**		•
230 mm, 9" curved		**NHB5287S**				•	
250 mm, 10"	**NHB5198S**	**NHB5197S**	**NHB5195S**		**NHB5194S**	•	
250 mm, 10"	**NHB5198**	**NHB5197**	**NHB5195**		**NHB5194**		•



ONIX



ONIX
NHB5201S
300 mm, 12"
gebogen, mit Sperre
curved, with ratchet
7-0 >





MICRO-DELICATE
NHB5119
180 mm, 7"
gebogen, mit Federsperre
curved, with ratchet
8-0 >



EUPHRATE-PASQUE
NH6000 - NH6003

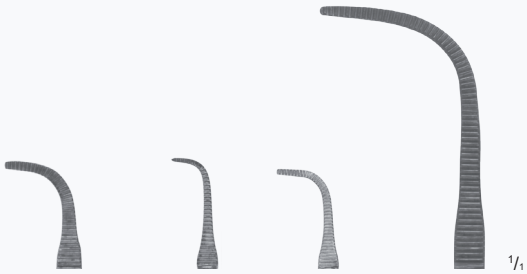


Stahl, Steel Diamond Dust	Mikro Micro 6-0 >	TC
150 mm, 6"	**NH6000**	
180 mm, 7"	**NH6001**	
205 mm, 8"	**NH6002**	
230 mm, 9"	**NH6003**	**NH6003TC**

Präparier- und Ligaturklemmen
Dissecting- and Ligature Forceps



1/2



1/1

KL0102
110 mm,
4 1/4"

KL0102-1
120 mm,
4 3/4"

KL0101
175 mm,
6 3/4"

KL0101-1
230 mm,
9"

BAILY
KL0101 - KL0102



1/2



1/1

KL2581
140 mm, 5 1/2"

KL2582
185 mm, 7"

KL2583
230 mm, 9"

HOLLE
KL2581 - KL2583
sehr fein
very delicate



KL4000
95 mm, 3 3/4"
glattes Maul
smooth jaws



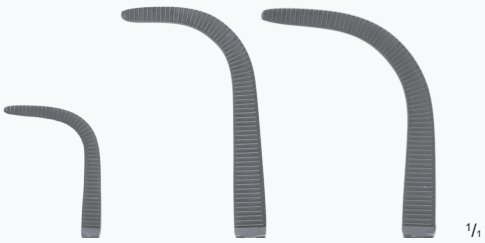
MIXTER
KL4005
140 mm, 5 1/2"
leichtes Gewicht
light weight



BABY-MIXTER
KL4049
135 mm, 5 1/4"



BABY-MIXTER
KL4030
140 mm, 5 1/2"



	KL4051 Fig. 1	**KL4052** Fig. 2	**KL4053** Fig. 3
Gesamtlänge Total length	140 mm, 5 1/2"	185 mm, 7 1/4"	180 mm, 7"
für Aorta for aorta	Ø 8-10 mm	Ø 14-16 mm	Ø 20-26 mm



IORIO
KL4051 - KL4053
stumpf
blunt



BABY-OVERHOLT
KL4020
135 mm, 5¼"
stark gebogen
strongly curved



ADSON
KL4010 - KL4010-1
140 mm, 5½"



MIKRO OVERHOLT
KL4384
150 mm, 6"
stark gebogen
strongly curved



BABY-MIXTER
KL4040
180 mm, 7"



DELIKAT
KL4506
180 mm, 7"
stark gebogen
strongly curved



KL4050
140 mm,
5½"

KL4060
185 mm,
7½"

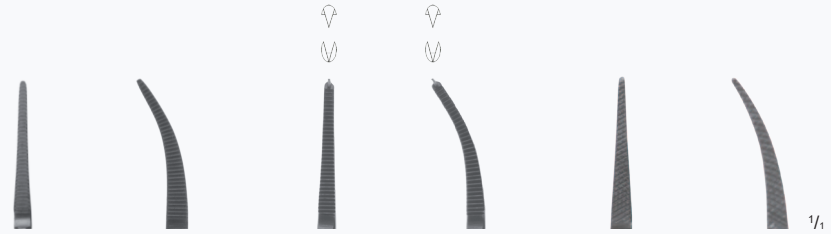
BABY-ADSON
KL4050 - KL4060

Feine Arterienklemmen
Delicate Haemostatic Forceps



1/2

MICRO-JACOBSON
KL2198 - KL2297
extra fein
extra delicate



1/1

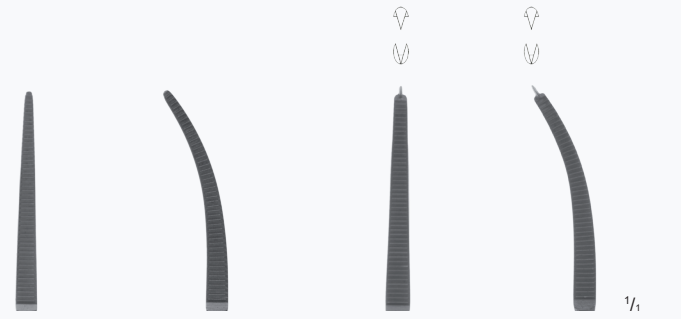
100 mm, 4"	**KL2198**		**KL2224**	**KL2225**	**KL2296**	**KL2297**
120 mm, 4 3/4"	**KL2202**	**KL2203**	**KL2204**	**KL2205**	**KL2208**	**KL2209**

kreuzgerieft
cross serrated



1/2

MICRO- JACOBSON
KL2214 - KL2234
extra fein
extra delicate



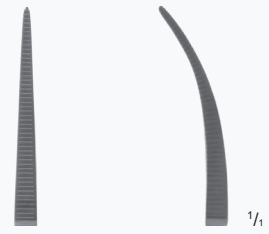
1/1

KL2214
150 mm, 6"

KL2215
150 mm, 6"

KL2216
155 mm, 6 1/8"

KL2217
155 mm, 6 1/8"



1/1

KL2234
155 mm, 6 1/8"
sehr delicat
very delicate

KL2233
150 mm, 6"
sehr delicat
very delicate



	WELDON (GLOVER)		WELDON (GLOVER)		WELDON (GLOVER)		WELDON (GLOVER)	WELDON (GLOVER)
	GF0657	**GF0656**	**GF0658**	**GF0660**	**GF0659**	**GF0661**	**GF0651**	**GF0662**
Schliesskraft Pressure	130 g	130 g	130 g	130 g	130 g	130 g	130 g	130 g
Gesamtlänge Total length	30 mm	33 mm	28 mm	31 mm	28 mm	30 mm	25 mm	25 mm
	gerade straight		leicht gebogen sligthly curved		gebogen curved		nach hinten gebogen curved back	SATINSKY TYP SATINKSY TYPE



	WELDON (GLOVER)	WELDON (GLOVER)	WELDON (GLOVER)	WELDON (GLOVER)
	GF0653	**GF0652**	**GF0663**	**GF0654**
Schliesskraft Pressure	130 g	130 g	130 g	130 g
Gesamtlänge Total length	32 mm	33 mm	25 mm	19 mm
	25° gewinkelt 25° angled	45° gewinkelt 45° angled	60° gewinkelt 60° angled	90° gewinkelt 90° angled



	JACOBSON		JACOBSON		JACOBSON	JACOBSON		JACOBSON
	GF0671	**GF0670**	**GF0672**	**GF0682**	**GF0673**	**GF0675**	**GF0674**	**GF0676**
Schliesskraft Pressure	130 g	130 g	130 g	130 g	130 g	130 g	130 g	130 g
Gesamtlänge Total length	42 mm	47,5 mm	39 mm	44 mm	41 mm	40 mm	50 mm	44,5 mm
Maullänge Jaw length	22 mm	27 mm	19 mm	24 mm	20,5 mm	21 mm	29 mm	24 mm
	gerade straight		gebogen curved		nach hinten gebogen curved backwards	leicht gebogen slightly curved		45° gewinkelt 45° angled

MILLIMETER



1/1

DE BAKEY-HESS
KL2150
34 mm, 1 3/8"
Maullänge 20 mm
Jaw length 20 mm



1/1

DE BAKEY-HESS
KL2160
43 mm, 1 7/10"
Maullänge 30 mm
Jaw length 30 mm











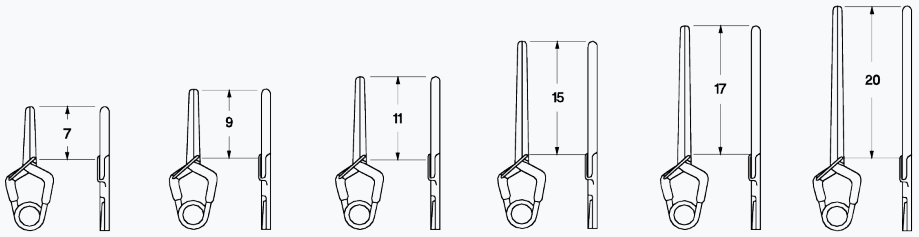
1/1

Maullänge Jaw length	gewinkelt Stahl angled Steel	gewinkelt TITAN angled TITANIUM	gerade Stahl straight Steel	gerade TITAN straight TITANIUM	gebogen TITAN curved TITANIUM
10 mm	**GF0019**	**GF0019T**	**GF0022**	**GF0022T**	
15 mm	**GF0020**	**GF0020T**	**GF0023**	**GF0023T**	**GF0030T**
20 mm	**GF0021**	**GF0021T**	**GF0024**	**GF0024T**	

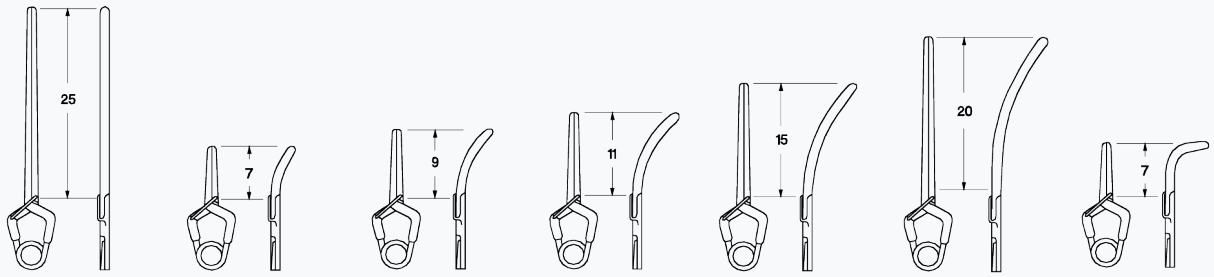
Mini Bulldogklemmen SOFT-GRIP
Mini bulldog clamps SOFT-GRIP
Schließdruck, closing pressure 35 g

STANDARD

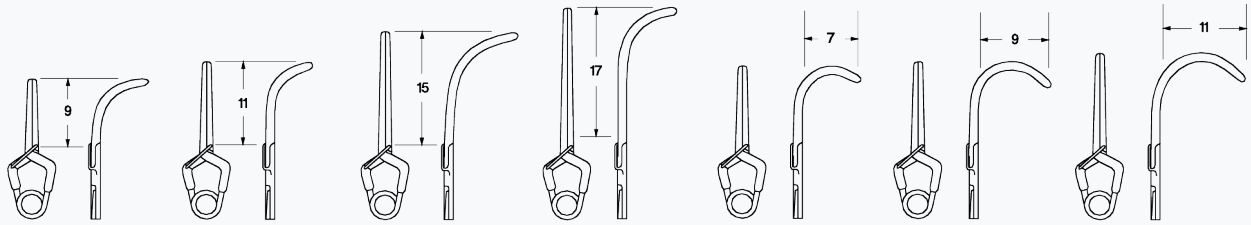
für temporären Verschluss
for temporary closure



Titan, Titanium	YA1125T	YA1155T	YA1180T	YA1205T	YA1230T	YA1225T
Phynox, Phynox	YA1125	YA1155	YA1180	YA1205	YA1230	YA1225
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



YA1226T	YA1130T	YA1160T	YA1190T	YA1210T	YA1211T	YA1135T
YA0690	YA1130	YA1160	YA1190	YA1210	YA1211	YA1135
13,3 mm	6,0 mm	6,8 mm	7,5 mm	8,7 mm	11,0 mm	5,5 mm
110 gms	110 gms	90 gms	90 gms	110 gms	90 gms	110 gms

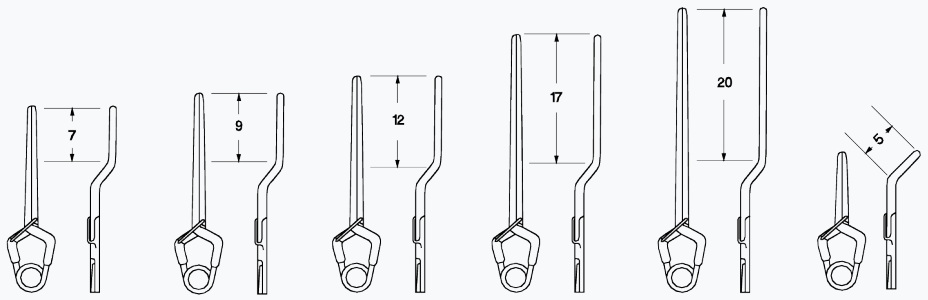


YA1165T	YA1200T	YA1215T	YA1216T	YA1275T	YA1280T	YA1285T
YA1165	YA1200	YA1215	YA1216	YA1275	YA1280	YA1285
6,1 mm	6,5 mm	7,4 mm	9,9 mm	5,4 mm	5,8 mm	6,2 mm
110 gms	110 gms	110 gms	90 gms	110 gms	110 gms	180 gms

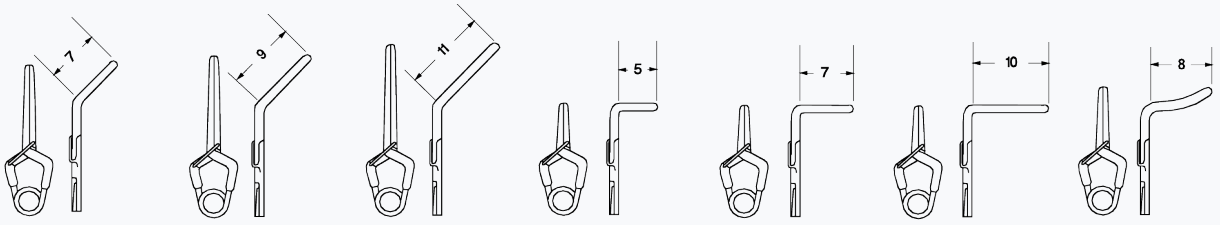
MILLIMETER

Gefäßclipse nach Yasargil
Vascular Clipse according Yasargil

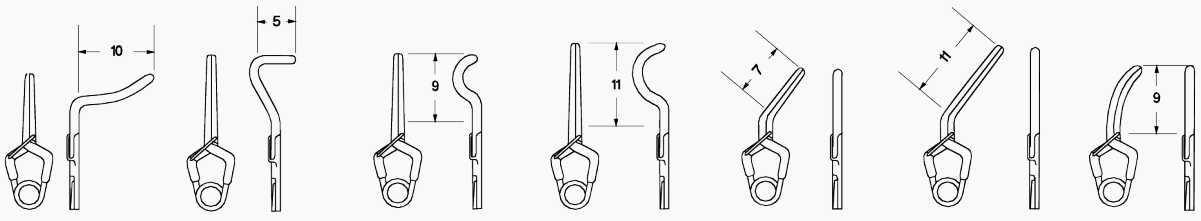
STANDARD
für temporären Verschluss
for temporary closure



Titan, Titanium	YA1150T	YA1170T	YA1175T	YA1176T	YA1177T	YA1015T
Phynox, Phynox	YA1150	YA1170	YA1175	YA1176	YA1177	YA1015
Öffnung, max. opening	7,9 mm	8,7 mm	10,2 mm	11,9 mm	13,0 mm	6,2 mm
Druck, force	90 gms	90 gms	90 gms	90 gms	90 gms	110 gms



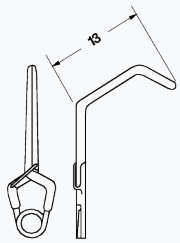
YA1020T	YA1025T	YA1195T	YA1260T	YA1265T	YA1270T	YA1305T
YA0690	YA1025	YA1195	YA1260	YA1265	YA1270	YA1305
6,5 mm	7,8 mm	8,4 mm	5,6 mm	5,6 mm	5,6 mm	5,4 mm
110 gms	110 gms	110 gms	130 gms	130 gms	130 gms	130 gms



YA1310T	YA1290T	YA1295T	YA1300T	YA1140T	YA1185T	YA1145T
YA0690	YA1290	YA1295	YA1300	YA1140	YA1185	YA1145
5,6 mm	7,2 mm	7,2 mm	8,2 mm	5,7 mm	8,0 mm	6,2 mm
130 gms	90 gms	90 gms	90 gms	90 gms	90 gms	90 gms

STANDARD

für temporären Verschluss
for temporary closure

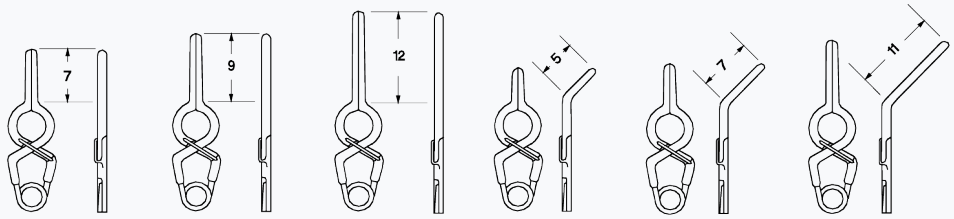


Titan, Titanium	**YA1148T**
Phynox, Phynox	**YA1148**
Öffnung, max. opening	7,5 mm
Druck, force	90 gms

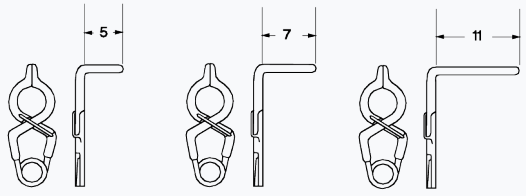
Gefäßclipse nach Yasargil
Vascular Clipse according Yasargil

STANDARD

für temporären Verschluss, gefenstert 3,5 mm
for temporary closure, fenestrated 3,5 mm



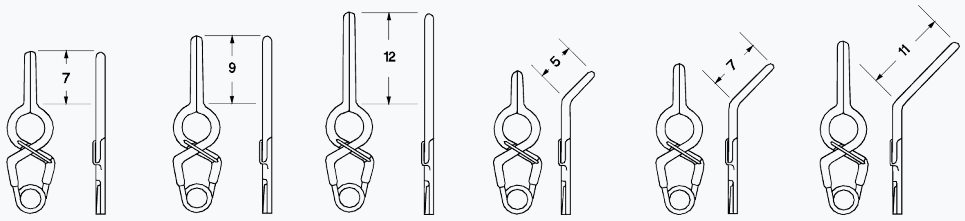
Titan, Titanium	YA1016T	YA1017T	YA1018T	YA1014T	YA1019T	YA1024T
Phynox, Phynox	YA1016	YA1017	YA1018	YA1014	YA1019	YA1024
Öffnung, max. opening	7,4 mm	8,4 mm	9,6 mm	5,8 mm	6,5 mm	7,2 mm
Druck, force	110 gms	110 gms	90 gms	110 gms	110 gms	110 gms



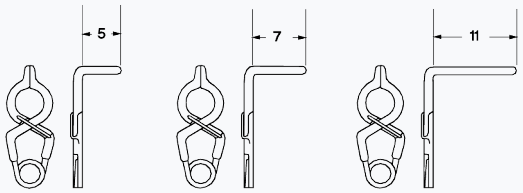
YA1026T	YA1027T	YA1028T
YA1026	YA1027	YA1028
4,9 mm	4,9 mm	4,9 mm
110 gms	110 gms	110 gms

STANDARD

für permanenten Verschluss, gefenstert 3,5 mm
for permanent closure, fenestrated 3,5 mm



Titan, Titanium	**YA0190T**	**YA0210T**	**YA0230T**	**YA0195T**	**YA0215T**	**YA0235T**
Phynox, Phynox	**YA0190**	**YA0210**	**YA0230**	**YA0195**	**YA0215**	**YA0235**
Öffnung, max. opening	7,4 mm	8,4 mm	9,6 mm	5,8 mm	6,5 mm	7,2 mm
Druck, force	150 gms	150 gms	180 gms	150 gms	150 gms	180 gms



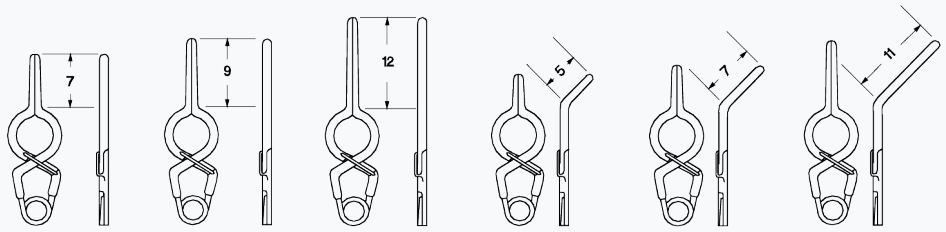
YA0205T	**YA0225T**	**YA0245T**
YA0205	**YA0225**	**YA0245**
4,9 mm	4,9 mm	4,9 mm
150 gms	150 gms	180 gms

MILLIMETER

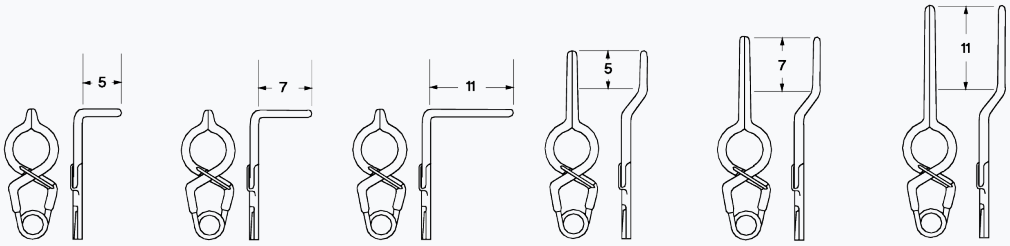
Gefäßclipse nach Yasargil
Vascular Clipse according Yasargil

STANDARD

für temporären Verschluss, gefenstert 5,0 mm
for temporary closure, fenestrated 5,0 mm



Titan, Titanium	YA0191T	YA0211T	YA0231T	YA0196T	YA0216T	YA0236T
Phynox, Phynox	YA0191	YA0211	YA0231	YA0196	YA0216	YA0236
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	100 gms	90 gms	110 gms	110 gms	110 gms



YA0206T	YA0226	YA0246T	YA0251T	YA0252T	YA0253T
YA0206	YA0226	YA0246	YA0251	YA0252	YA0253
5,5mm	5,5 mm	5,5 mm	7,9 mm	8,8 mm	10,0 mm
110 gms	110 gms	90 gms	90 gms	90 gms	90 gms



YASARGIL
YA1350 - YA1360
Standard-Clipse
bajonett, mit Sperre
Standard clipse
bajonett, with ratchet

YA1350
170 mm, 6 3/4"

YA1360
210 mm, 8 1/2"

YA1370
230 mm, 9"

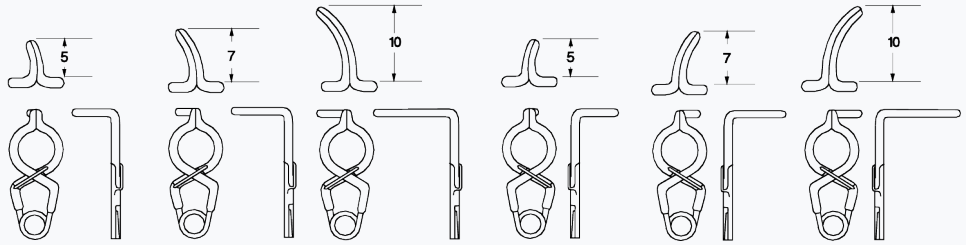
MEMORY EFFECT findet seine natürliche Form wieder durch den Wasch- und Desinfektionsprozess.
MEMORY EFFECT returns to its natural form after washing and desinfection process via temperature.



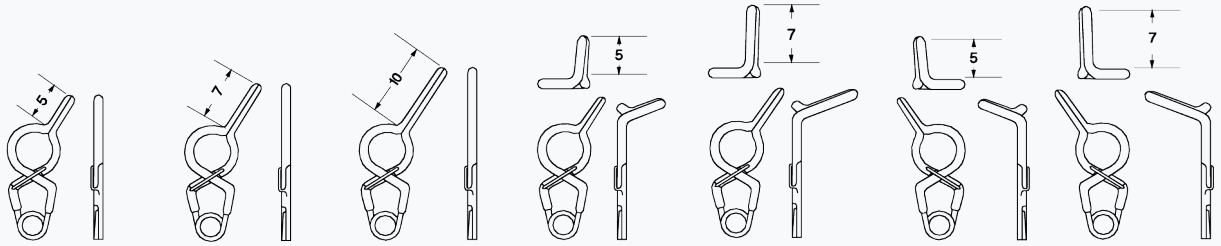
YA1367
240 mm, 9 1/2"
Nitinol Anlegezange
Nitinol Applying forceps
Standard, flexibel
Arbeitslänge 90 mm
Standard, flexible
Working length 90 mm

STANDARD

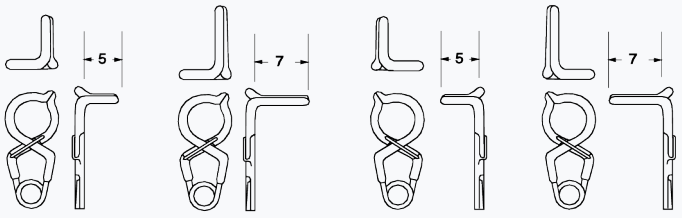
für temporären Verschluss, gefenstert 5,0 mm
for temporary closure, fenestrated 5,0 mm



Titan, Titanium	YA0536T	YA0541T	YA0546T	YA0551T	YA0556T	YA0561T
Phynox, Phynox	YA0536	YA0541	YA0546	YA0551	YA0556	YA0561
Öffnung, max. opening	5,8 mm	5,8 mm	5,8 mm	5,8 mm	5,8 mm	5,8 mm
Druck, force	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms



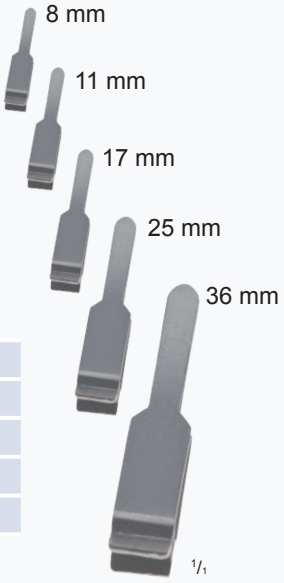
YA0706T	YA0711T	YA0716T	YA0721T	YA0726T	YA0731T	YA0736T
YA0706	YA0711	YA0716	YA0721	YA0726	YA0731	YA0736
7,0 mm	7,8 mm	8,8 mm	5,8 mm	6,2 mm	5,8 mm	6,2 mm
110 gms	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms



YA0741T	YA0746T	YA0751T	YA0756T
YA0741	YA0746	YA0751	YA0756
5,6 mm	5,6 mm	5,6 mm	5,6 mm
110 gms	110 gms	110 gms	110 gms

MILLIMETER

Gefäßclipse ACLAND
Vascular Clips ACLAND

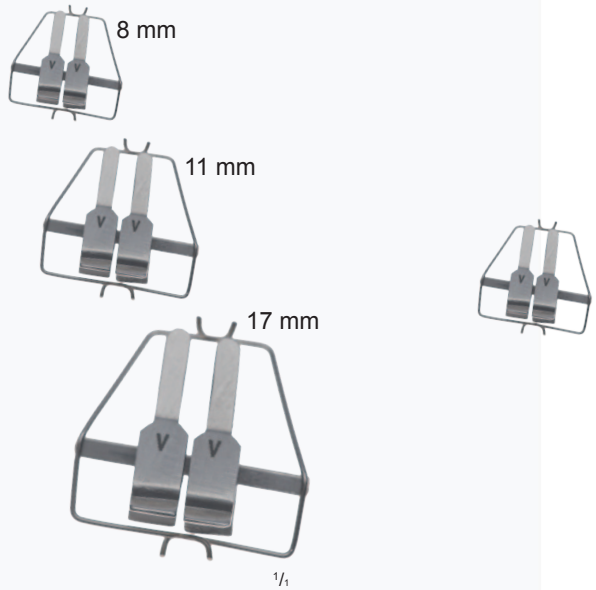


Einzelklemme Ø Gefäß Single clamps Ø vessel	Länge Clips Length clips	Vene Vein	Vene Vein	Arterie Artery	Arterie Artery
Ø 0,4 - 1,0 mm	8 mm	**MN6000**	**MN6002**	**MN6001**	**MN6003**
Ø 0,6 - 1,5 mm	11 mm	**MN6010**	**MN6012**	**MN6011**	**MN6013**
Ø 1,0 - 2,25 mm	17 mm	**MN6020**	**MN6022**	**MN6021**	**MN6023**
Ø 1,5 - 3,5 mm	25 mm		**MN6030**		**MN6031**
Ø 2,0 - 5,0 mm	36 mm		**MN6034**		**MN6035**

ACLAND

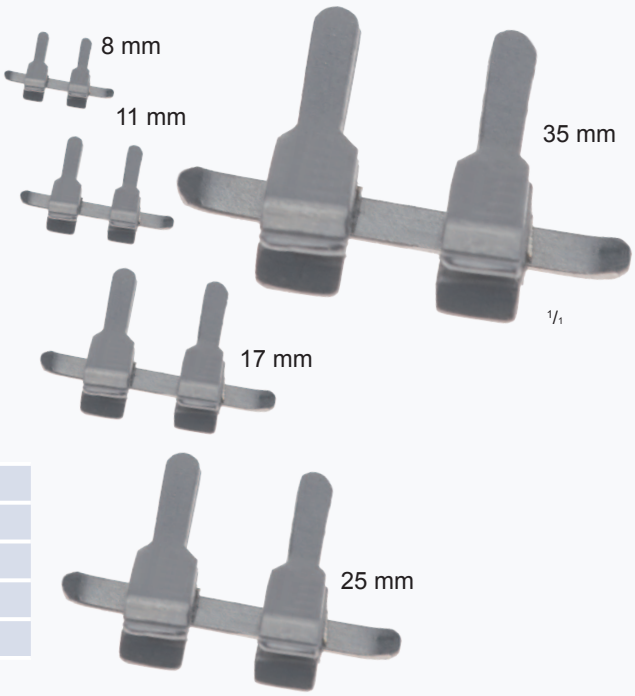
Doppelklemme Ø Gefäß Double clamps Ø vessel	Länge Clips Length clips	Vene Vein	Arterie Artery
Ø 0,4 - 1,0 mm	8 mm	**MN6004**	**MN6005**
Ø 0,6 - 1,5 mm	11 mm	**MN6014**	**MN6015**
Ø 1,0 - 2,25 mm	17 mm	**MN6024**	**MN6025**

ACLAND



Approximator Ø Gefäß Approximator Ø vessel	Länge Clips Length clips	Vene Vein	Arterie Artery
Ø 0,4 - 1,0 mm	8 mm	**MN6006**	**MN6007**
Ø 0,6 - 1,5 mm	11 mm	**MN6016**	**MN6017**
Ø 1,0 - 2,25 mm	17 mm	**MN6026**	**MN6027**

ACLAND



Approximator ohne Rahmen Ø Gefäß Approximator without frame Ø vessel	Länge Clips Length clips	Vene Vein	Arterie Artery
Ø 0,4 - 1,0 mm	8 mm	**MN6008**	**MN6009**
Ø 0,6 - 1,5 mm	11 mm	**MN6018**	**MN6019**
Ø 1,0 - 2,25 mm	17 mm	**MN6028**	**MN6029**
Ø 1,5 - 3,5 mm	25 mm	**MN6032**	**MN6033**
Ø 2,0 - 5,0 mm	36 mm	**MN6036**	**MN6037**

ACLAND



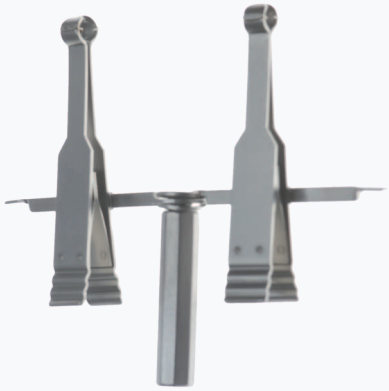
MN6038
140 mm, 5 1/2"
Klemmen-Anlegepinzette,
mit Schloss, für 8 - 11 mm
Clamp applying forceps
with lock, for 8 - 11 mm

MN6039
140 mm, 5 1/2"
Klemmen-Anlegepinzette,
ohne Schloss, für 8 - 11 mm
Clamp applying forceps
without lock, for 8 - 11 mm



MN6040
145 mm, 5 3/4"
Klemmen-Anlegepinzette,
mit Schloss, für 17 - 36 mm
Clamp applying forceps
with lock, for 17 - 36 mm

MILLIMETER



GOLDSTEIN MICROSPIKE
MN2276 - MN2279
Approximator
Approximator

MN2276
Ø 2 mm und 4 mm
Ø 2 mm and 4 mm

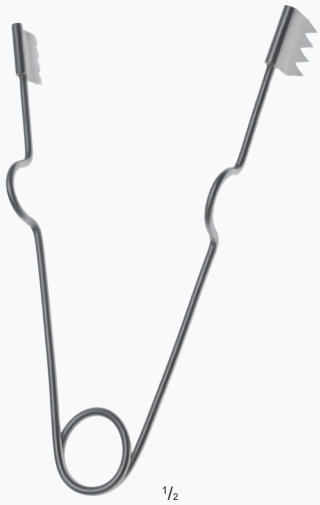
MN2277
Ø 2 mm mit 4 flachen Spitzen
Ø 2 mm with 4 flat tips

MN2278
6 mm Klammer Nebenhoden
2 mm Klammer Vene
6 mm dia. opening accom. epididymis
2 mm dia. opening accom. vas defens

MN2279
6 mm Klammer Nebenhoden,
rechts fest
2 mm Klammer Vene
6 mm dia. opening accom. epididymis,
fix right
2 mm dia. opening accom. vas defens



WH5018
80 mm, 3 1/3"



WH5019
120 mm, 4 3/4"

KARMODY RETRACTOR
WH5018 - WH5019
halbscharf
semi sharp



WH5018-1
80 mm, 3 1/3"



WH5019-1
120 mm, 4 3/4"

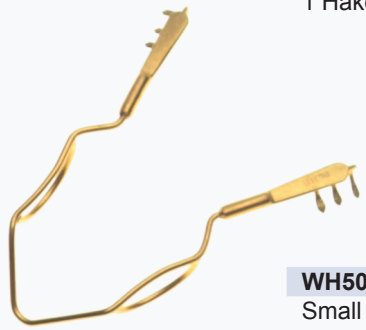
KARMODY RETRACTOR
WH5018-1 - WH5019-1
stumpf
blunt



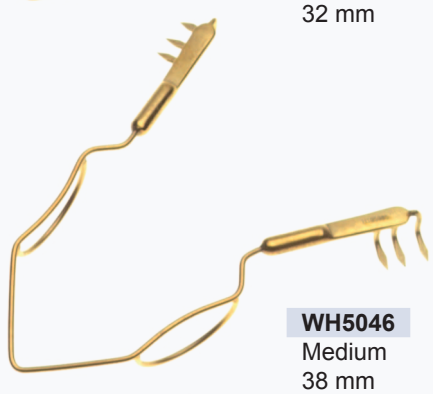
WH5044
Mini
25 mm



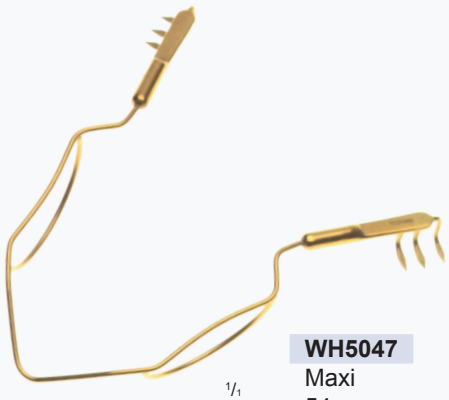
WH5045-1
Small
28 mm
1 Haken, 1 hook



WH5045
Small
32 mm



WH5046
Medium
38 mm



WH5047
Maxi
54 mm

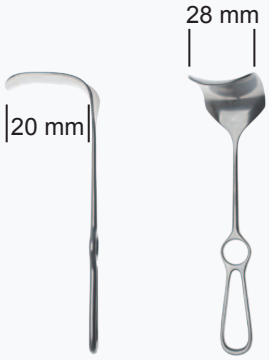
I.M.A. EPICARTEUR
WH5044 - WH5047

MILLIMETER

Feine Wundhäkchen
Fine Wound Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 20 x 28 mm
2. Zahl = Breite

Dimension for blade size of retractors
1st number = depth Example: 20 x 28 mm
2st number = width




1/2


AU0481
Fig. 1


1/1
AU0482
Fig. 2

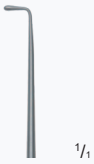

AU0483
Fig. 3

LUCAE
AU0481 - AU0483
140 mm, 5 1/2"


1/2


OR1460
Fig. 4


1/1
OR1470
Fig. 3


1/1
OR1490
Fig. 1

WAGENER
OR1460 - OR1490
140 mm, 5 1/2"


1/2


OR1491


1/1
OR1492

WAGENER
OR1491 - OR1492
140 mm, 5 1/2"



ROLLET
AU0450
125 mm, 4 3/4"
scharf, sharp



ROLLET
AU0470
130 mm, 5 1/4"
stumpf, blunt

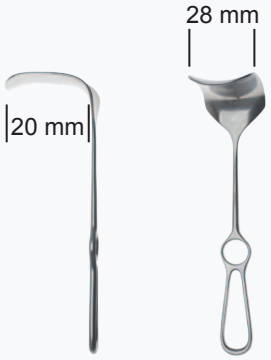


ROLLET
AU0460
135 mm, 5 1/4"
scharf, sharp

Feine Wundhäkchen
Fine Wound Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 20 x 28 mm
2. Zahl = Breite

Dimension for blade size of retractors
1st number = depth Example: 20 x 28 mm
2st number = width





AU0410
Fig. 1
spitz
sharp

AU0420
Fig. 2
stumpf
blunt

GRAEFE
AU0410 - AU0420
120 mm, 4 3/4"



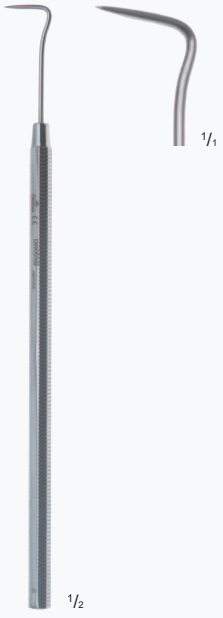


AU0430
120 mm, 4 3/4"
1,2 x 2,0 mm



AU0440
130 mm, 5 1/4"
1,7 x 3,0 mm

GUTHRIE
AU0430 - AU0440
spitz, sharp



DN0050
160 mm, 6 1/4"
Zahnsonde, einendig, flexibel
Explorer, single end, flexible





MN3590
130 mm, 5¼"
scharf, sharp



MN3592
180 mm, 7"
scharf, sharp



MN3591
130 mm, 5¼"
stumpf, blunt



MN3593
180 mm, 7"
stumpf, blunt

FRAZIER
MN3590 - MN3593





WH3461
Fig. 1



WH3462
Fig. 2



WH3463
Fig. 3

KLEINERT-KURZ
WH3461 - WH3463
160 mm, 6¼"
fein, delicate



CUSHING
MN3585
140 mm, 5½"



TÖNNIS
MN3600
150 mm, 6"



KILNER
NS2990
150 mm, 6"

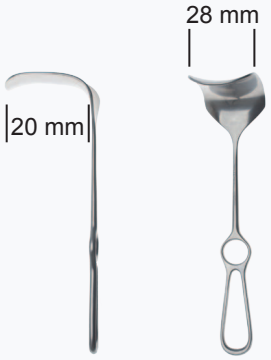


MC INDOE
NS0205
160 mm, 6¼"
10 mm

Feine Wundhäkchen
Fine Wound Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 20 x 28 mm
2. Zahl = Breite

Dimension for blade size of retractors
1st number = depth Example: 20 x 28 mm
2st number = width





JOSEPH
AU0488
150 mm, 6"
scharf, sharp



FREER
NS3050
150 mm, 6"





NS3090
130 mm, 5¼"

NS3092
140 mm, 5½"



NS3091
130 mm, 5¼"

NS3093
165 mm, 6½"

MÜLLER
NS3090 - NS3093



WH0432
scharf, sharp

WH0433
stumpf, blunt

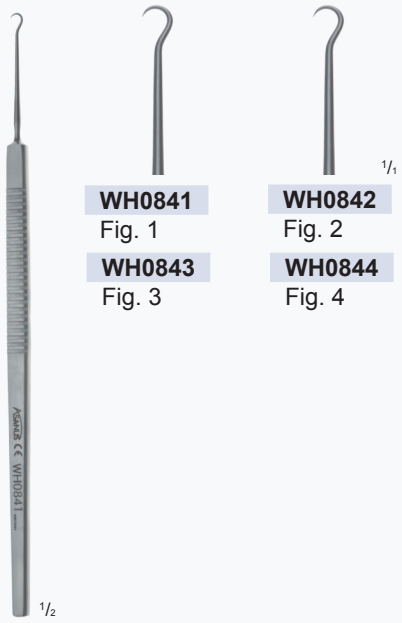
ITERSON
WH0432 - WH0433
170 mm, 6¾"



WH0836
scharf, sharp

WH0837
stumpf, blunt

GRAEFE
WH0836 - WH0837
160 mm, 6¼"



WH0841
Fig. 1

WH0842
Fig. 2

WH0843
Fig. 3

WH0844
Fig. 4

WH0841 - WH0844
160 mm, 6¼"
scharf, sharp



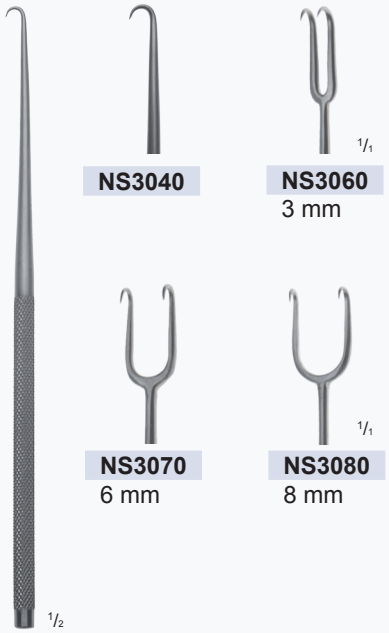
AU0431
Fig. 1

AU0441
Fig. 2

GUTHRIE
AU0431 - AU0441
160 mm, 6¼"
scharf, sharp



O'CONNOR
WH0846
160 mm, 6¼"



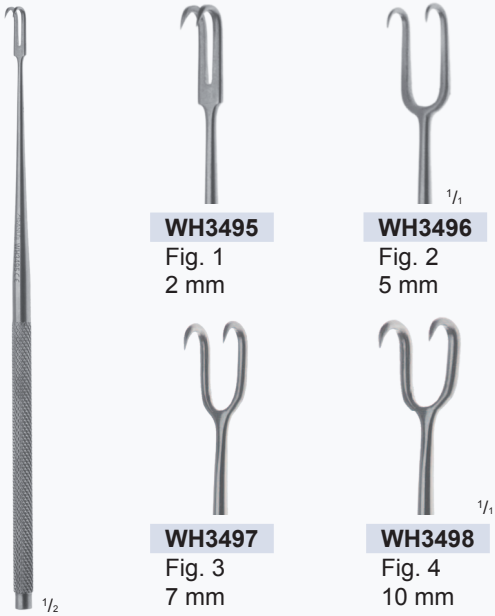
NS3040

NS3060
3 mm

NS3070
6 mm

NS3080
8 mm

JOSEPH
NS3040 - NS3080
165 mm, 6½"



WH3495
Fig. 1
2 mm

WH3496
Fig. 2
5 mm

WH3497
Fig. 3
7 mm

WH3498
Fig. 4
10 mm

JOSEPH
WH3495 - WH3498
160 mm, 6¼"
fein, delicate



NS3000
klein, delicate

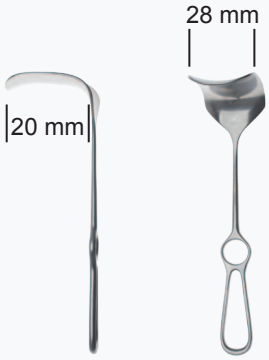
NS3010
groß, large

GILLIES
NS3000 - NS3010
180 mm, 7"

Feine Wund- und Hauthäkchen
Fine Wound and Skin Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 20 x 28 mm
2. Zahl = Breite

Dimension for blade size of retractors
1st number = depth Example: 20 x 28 mm
2st number = width

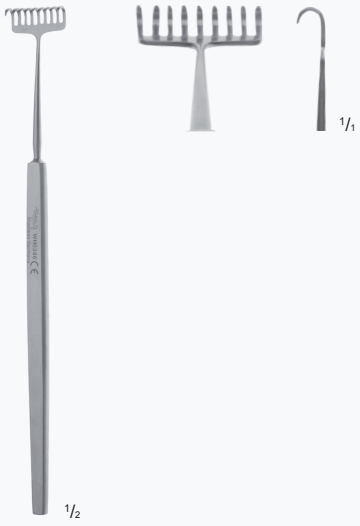




WH3475 - WH3476
120 mm, 4 3/4"
scharf, sharp



CONVERSE
NS2270
120 mm, 4 3/4"
stumpf, blunt



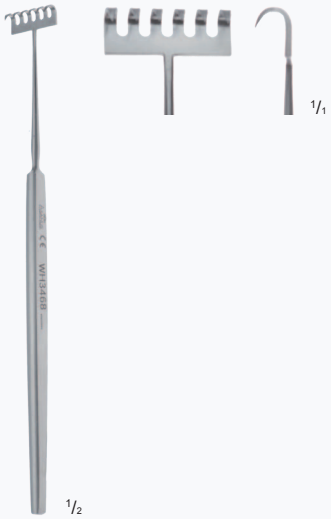
MILLER
WH0346
135 mm, 5 1/4"
scharf, sharp



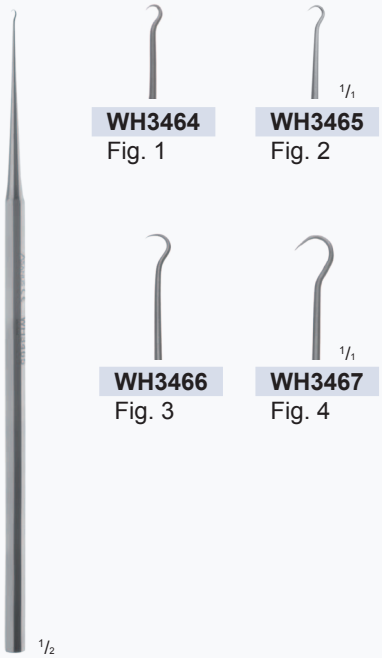
WH3472
scharf, sharp

WH3473
stumpf, blunt

BLAIR
WH3472 - WH3473
135 mm, 5 1/4"



WH3468
135 mm, 5 1/4"



WH3464
Fig. 1

WH3465
Fig. 2

WH3466
Fig. 3

WH3467
Fig. 4

NIRO
WH3465 - WH3467
170 mm, 6 3/4"



O'CONNOR
WH3477
120 mm, 4 3/4"



CUSHING
WH3478
140 mm, 5 1/2"



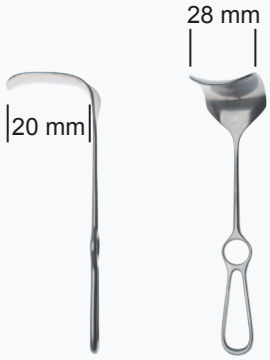
CLOWARD
WH3479
165 mm, 6 1/2"

MILLIMETER

Wund- und Trachealhäkchen
Wound and Trachea Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 20 x 28 mm
2. Zahl = Breite

Dimension for blade size of retractors
1st number = depth Example: 20 x 28 mm
2st number = width







WH0991
Fig. 1



WH1001
Fig. 2



WH1011
Fig. 3



WH1021
Fig. 4

MINI-VOLKMANN
WH0991 - WH1021
115 mm, 4 1/2"
scharf, sharp





WH0992
Fig. 1



WH1002
Fig. 2



WH1012
Fig. 3



WH1022
Fig. 4

MINI-VOLKMANN
WH0992 - WH1022
115 mm, 4 1/2"
stumpf, blunt





WH3492
Fig. 1



WH3493
Fig. 2



WH3494
Fig. 3

LAHEY
WH3492 - WH3494
120 mm, 4 3/4"
fein, delicate





BERGMANN
WH0430
140mm, 5 1/2"





HA0140
155 mm,
6"links, left
scharf, sharp



HA0150
155 mm, 6"
rechts, right
scharf, sharp

BOSE
HA0140 - HA0150





WH0440
scharf, sharp



WH0450
stumpf, blunt



WH0460
stumpf, blunt

WH0440 - WH0460
180 mm, 7"





WH1025
20 x 6 mm



WH1026
10 x 6 mm

SENN-GREEN
WH1025 - WH1026
160 mm, 6¼"
fein, delicate





WH0622
Fig. 1
scharf, sharp



WH0623
Fig. 2
stumpf, blunt

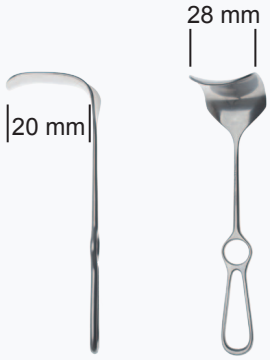
WH0622 - WH0623
160 mm, 6¼"
Grip Handle

MILLIMETER

Wund- und Trachealhäkchen
Wound and Trachea Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 20 x 28 mm
2. Zahl = Breite

Dimension for blade size of retractors
1st number = depth Example: 20 x 28 mm
2st number = width





WH0505
25 x 6 mm
90° gewinkelt
90° angled

WH0505-1
25 x 6 mm
45° gewinkelt
45° angled

BUCK-GRAMCKO
WH0505 - WH0505-1
175 mm, 7"



WH3044
12 x 5 mm

WH3045
17 x 5 mm

LANGENBECK
WH3044 - WH3045
175 mm, 7"

Sehnenscheidenhaken
Tendon hooks



11 x 8 mm

PAUL
AU0480
125 mm, 4 3/4"
stumpf, blunt



WH0519
135 mm, 5 1/4 "
stumpf, blunt





WH0470
Fig. 1
5,0 mm

WH0480
Fig. 2
5,0 x 4,2 mm

WH0490
Fig. 3
5,0 x 7,0 mm

WH0500
Fig. 4
5,0 x 9,5 mm

WH0470 - WH0500
165 mm, 7"
enge Biegung, scharf
small curve, sharp





WH0510
Fig. 1
4,5 mm

WH0520
Fig. 2
4,5 x 4,2 mm

WH0530
Fig. 3
4,5 x 7,0 mm

WH0540
Fig. 4
4,5 x 9,5 mm

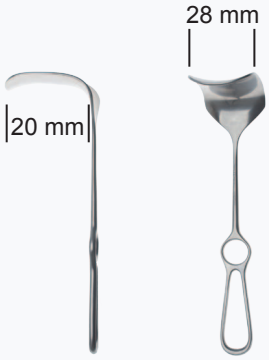
WH0510 - WH0540
165 mm, 7"
enge Biegung, stumpf
small curve, blunt

MILLIMETER

Wundhaken mit Treangle-Griff
Retractors with Treangle Handle

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 20 x 28 mm
2. Zahl = Breite

Dimension for blade size of retractors
1st number = depth Example: 20 x 28 mm
2st number = width





MANNERFELT MODIF.
WH3460
135 mm, 5¼"
scharf, sharp



MANNERFELT MODIF.
WH3470
155 mm, 6"
scharf, sharp



MANNERFELT MODIF.
WH3540
155 mm, 6"
enge Biegung, stumpf
small curve, blunt



MANNERFELT MODIF.
WH3580
155 mm, 6"
weite Biegung, scharf
large curve, sharp


1/2


WH3651
Fig. 1
15 x 6 mm


WH3661
Fig. 2
20 x 6 mm


WH3671
Fig. 3
25 x 6 mm


1/1
WH3681
Fig. 4
30 x 8 mm

LANGENBECK MANNERFELT MODIF.
WH3651 - WH3681
155 mm, 6"


1/2


WH3690
12 x 12 mm


WH3700
12 x 14 mm


1/1
WH3710
12 x 16 mm

MANNERFELT MODIF.
WH3690 - WH3710
155 mm, 6"
Sattelhaken
Saddle hooks


1/2

MANNERFELT MODIF.
WH3740
160 mm, 6 1/4"
Doppelspatel
Spatula, double ended

MILLIMETER



SALZBURGER
GF0409
155 mm, 6 1/8"
feiner Spatel für
Carotis- und Mikorchirurgie,
Maul 1,2 / 3,0 mm
delicate spatula for
carotis and micro surgery
jaw 1,2 / 3,0 mm



GF4901
gerade
straight

GF4901-1
bajonett
bayonet

GF4902
gebogen
curved

GF4901 - GF4902
250 mm, 10"
Tip 1,0 mm

Dissektoren, halbscharf,
TITAN Handgriff
Dissectors, semi sharp
TITANIUM handle



GF8900
220 mm, 8 3/4"
Arbeitslänge 115 mm
Working length 115 mm
3 mm



GF8905 - GF8908
225 mm, 9"
bajonett gebogen
bayonet curved

Arbeitslänge Working length	Micro 2 mm	3 mm
100 mm	**GF8905**	**GF8907**
130 mm		**GF8908**





FINSEN
WH5000
50 mm, 2"





WH5010
scharf, sharp



WH5020
stumpf, blunt

FINSEN
WH5010 - WH5020
70 mm, 3"



WH5040
45 mm, 1 3/4"



WH5041
55 mm, 2 1/4"



ALM
WH5071
70 mm, 2 3/4"
scharf, sharp



ALM
WH5070
70 mm, 2 3/4"
stumpf, blunt



ALM
WH5081
100 mm, 4"
scharf, sharp



ALM
WH5080
100 mm, 4"
stumpf, blunt



ALM
WH5082
100 mm, 4"
halbscharf, semi sharp



WH5120
scharf, sharp



WH5130
stumpf, blunt



JANSEN
WH5120 - WH5130
100 mm, 4"

WH5059
scharf, sharp



WH5060
stumpf, blunt

MICRO
WH5059 - WH5060
100 mm, 4"





WEITLANER
WH5180
110 mm, 4 3/8"
scharf, sharp





WEITLANER
WH5150
110 mm, 4 3/8"
halbscharf, semi sharp





WEITLANER
WH5210
110 mm, 4 3/8"
stumpf, blunt

MILLIMETER





WEITLANER
WH5190
135 mm, 5¼"
scharf, sharp





WEITLANER
WH5160
135 mm, 5¼"
halbscharf, semi sharp





WEITLANER
WH5220
135 mm, 5¼"
stumpf, blunt







WEITLANER
WH5340
130 mm, 5⅛"
scharf, sharp



WEITLANER
WH5350
130 mm, 5⅛"
stumpf, blunt







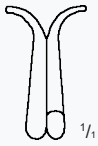
WEITLANER-WULLSTEIN
WH5240
130 mm, 5⅛"
scharf, sharp



WEITLANER-WULLSTEIN
WH5250
130 mm, 5⅛"
stumpf, blunt



1/2



1/1

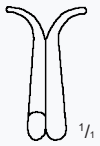
WH5320
stumpf, blunt

WH5321
scharf, sharp

PLESTER
WH5320 - WH5321
110 mm, 4 3/8"



1/2



1/1

WH5330
stumpf, blunt

WH5331
scharf, sharp

PLESTER
WH5330 - WH5331
110 mm, 4 3/8"



1/2



1/2 1/1

WH5260
130 mm, 5 1/8"
2 x 2 Zähne, teeth
scharf, sharp



1/2 1/1

WH5270
135 mm, 5 1/8"
2 x 2 Zähne, teeth
stumpf, blunt

PLESTER
WH5260 - WH5270



1/2



1/2

WH5275
140 mm, 5 1/2"
30 mm Blätter, blades
stumpf, blunt



1/2

WH5276
135 mm, 5 1/8"
30 mm Blätter, blades
spitz, sharp

MMA
WH5275 - WH5276





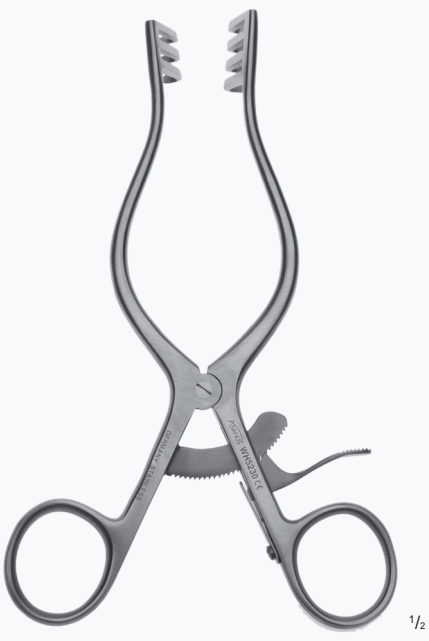
WEITLANER
WH5200
165 mm, 6 1/2"
scharf, sharp





WEITLANER
WH5170
165 mm, 6 1/2"
halbscharf, semi sharp

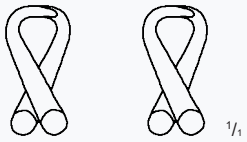




WEITLANER
WH5230
165 mm, 6 1/2"
stumpf, blunt



1/2



1/1

	halbscharf semi sharp	stumpf blunt
140 mm, 5½"	**WH5281**	**WH5280**
165 mm, 6¼"	**WH5285**	**WH5286**
200 mm, 8"	**WH5287**	**WH5288**

ADSON (BABY) CONE
WH5280 - WH5288



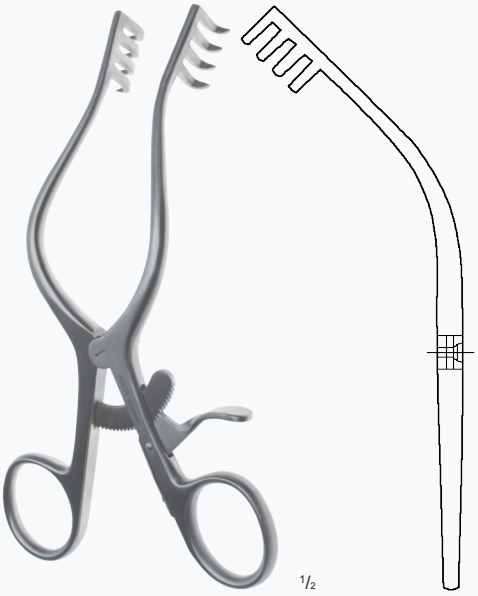
1/2

feine delikate Zähne
fine delicate teeth

WEITLANER
WH5274
145 mm, 5¾"
stumpf, blunt



1/1



1/2

MOLLISON
WH5310
155 mm, 6"
scharf, sharp

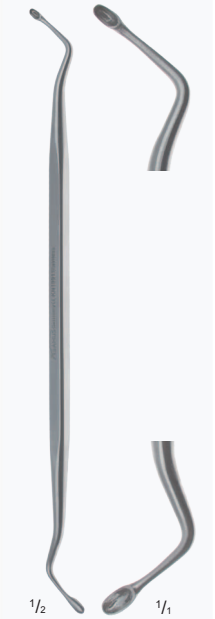


1/2

WEITLANER
WH5232
165 mm, 6½"
stumpf, blunt

MILLIMETER

Scharfe Löffel
Bone Curettes



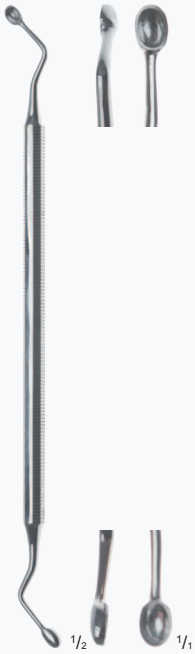
KN1991
160 mm, 6 1/4"



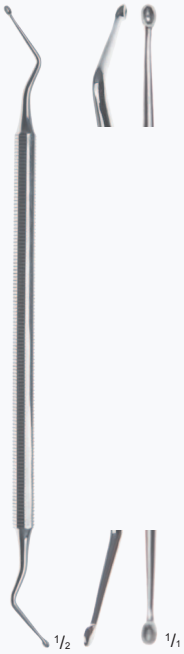
JANSEN
KN1992
160 mm, 6 1/4"



HEMINGWAY
KN1993
170 mm, 6 3/4"



HEMINGWAY
KN1994
170 mm, 6 3/4"



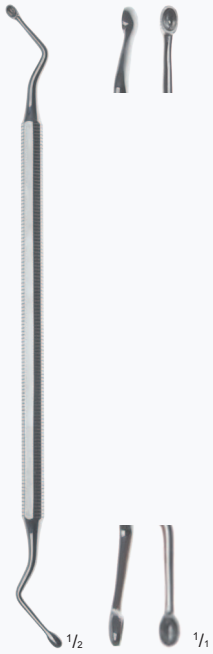
HEMINGWAY
KN1995
170 mm, 6 3/4"
Fig. 0



HEMINGWAY
KN1996
170 mm, 6 3/4"
Fig. 1



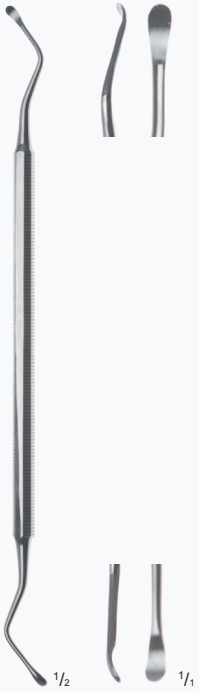
HEMINGWAY
KN1997
170 mm, 6 3/4"
Fig. 2



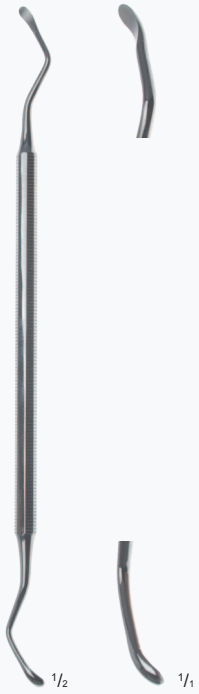
HEMINGWAY
KN1998
170 mm, 6 3/4"
Fig. 3



HEMINGWAY
KN1999
170 mm, 6 3/4"
Fig. 4



LUCAS
KN1974
180 mm, 7"
Fig. 1/1



LUCAS
KN1975
180 mm, 7"
Fig. 2/2

Menge Amount	Artikelnummer Item number	Beschreibung Description
1	**NH8060**	TITAN Mikro Nadelhalter TITIANIUM Micro needle holder
1	**SC0091**	Mikro Schere Micro scissors
1	**SC0090**	Mikro Schere Micro scissors
1	**MN8502**	TITAN Mikro Pinzette TITIANIUM Micro forceps
1	**AU8337**	TITAN Pinzette TITIANIUM Micro forceps
1	**GF8044**	TITAN Mikro Faßpinzette TITIANIUM Micro tying forceps
1	**KL0102**	BAILEY Klemme BAILEY clamps
3	**KL2297**	MIKRO-JACOBSON Klemme MIKRO-JACOBSON Dissecting forceps
2	**MN6004**	ACLAND Gefäßclip ACLAND Vascular clip
2	**MN6005**	ACLAND Gefäßclip ACLAND Vascular clip
2	**MN6039**	Klemmenanlegepinzette Clamps applying forceps
5	**MN6012**	ACLAND Gefäßclip ACLAND Vascular clip
5	**MN6013**	ACLAND Gefäßclip ACLAND Vascular clip



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