

GEISTER®



Cardiovascular and Thoracic





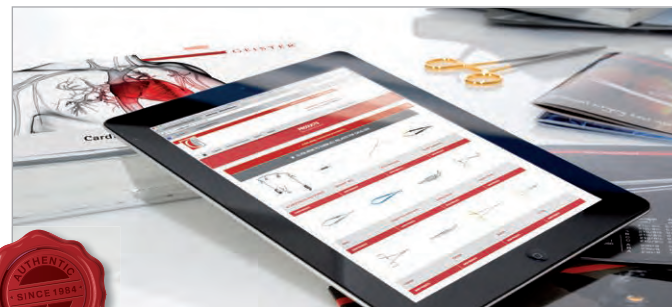
EFFICIENT SURGERY. LESS INVASIVE. OPTIMUM RESULTS.

GEISTER® Medizintechnik GmbH - founded in 1984 - is a manufacturer and system supplier of surgical instruments for conventional open and minimal invasive (keyhole) surgery with focus on cardiovascular, neuro-, joint and powered surgery. Located in Tuttlingen in Southwest-Germany - famous capitol of the surgical industry worldwide. We are dedicated to servicing and supplying the surgical world with the highest quality instruments according to the specific requirements and helping the medical professionals with their patient care in every part in the world. Quality with best German workmanship is a global commitment for us. Our aim is to develop technical innovations for evolving, more patient friendly minimally invasive surgical procedures that yet can maintain or even exceed the long term results of proven conventional procedures.

Our owner managed family business is one of the leading German manufacturers for surgical instruments and accessories. With a considerable experience - our founder has been in this field since 1966 - in the manufacturing of delicate and highly precise surgical instrumentation, we supply a range of more than 20000 quality products for operative surgery, distributed in more than 95 countries worldwide. Purpose-oriented innovation, skilled craftsmanship and tradition, technological competence and measurable quality stand behind every surgical instrument.

Maximum responsiveness, quality, service and innovation, makes us a preferred partner for the surgical professional worldwide and keeps us on the cutting edge of the surgical instrument industry. We do not strive to sell the biggest number of surgical instruments, but always the finest ones. This goal we consequently follow.

Specialty Surgical
Instruments
Made in Germany



THE NEW SET-CONFIGURATOR

In our new Set-Configurator you can find over 20000 special surgical instruments. Search systematically for specific product codes, keywords or reference numbers or click through the various index areas. Using the bookmark function, you can generate your individual product list, which you can print or save or fast and easily request a quote.

www.geister.com



Table of content



Micro Instruments | Coronary Scissors | Needle Holders |
Tissue Forceps | Fairgrip™ultra | Fairgrip™ | Structurae™

12

1



Bulldog Clamps

82

2



Atraumatic Clamps | Vascular Clamps | Liver Transplant Clamps |
Tissue Seizing Forceps | Intestinal Clamps

114

3



Hemostatic Forceps | Dissecting Forceps | Sponge Forceps |
Towel Clamps | Tube and Suture Holding Clamps | Tube Milkers and Cutters

210

4



Tissue Forceps | Dressing Forceps | Grasping Forceps

250

5

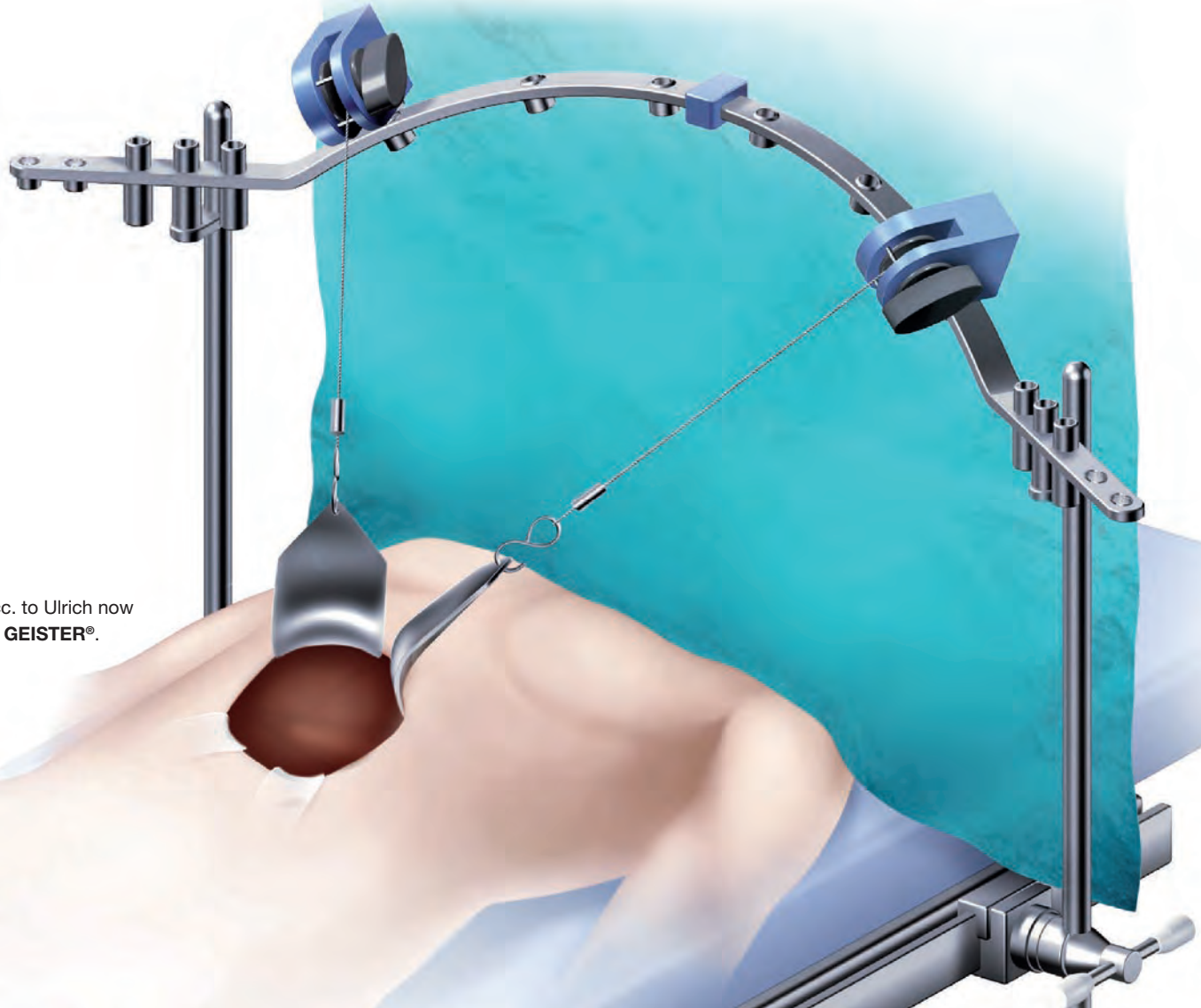


Needle Holders | Wire Twisters and Pliers

282

6

	<p>Scissors Rib Shears Wire Saws Bone Biting Rongeurs</p>	<p>322</p>	<p>7</p>
	<p>Flexible Arms Sternum Retractors Retractors IMA Retractors Rib Spreaders Abdominal Frame Retractors Self-retraining Retractors</p>	<p>368</p>	<p>8</p>
	<p>Suction Tubes Tube Accessories</p>	<p>434</p>	<p>9</p>
	<p>Miscellaneous Vascular Punches Dilators Suture Catchers Sizers Tunnelers Scalpels Holloware</p>	<p>448</p>	<p>10</p>
	<p>Wound and Nerve Hooks Dissectors Raspatories Retractors Hand Retractors Bone Curettes Lung Spatulas</p>	<p>476</p>	<p>11</p>
	<p>Index</p>	<p>520</p>	<p>12</p>



Cable Winch Retractor acc. to Ulrich now
exclusively available from **GEISTER**®.



G BLUE LABEL™

The hand of a surgeon can only be as perfect as the instrument it holds.

This is why we attach utmost importance to the opinion of the medical profession and are happy to develop individual solutions. In this way, the surgeon can guarantee the perfection on which the patient relies. Be it venous, bone or visceral surgery - you will find a wide range of instruments in our **G BLUE LABEL™** portfolio that are only available

from **GEISTER®**. Instruments and solutions that could only be created by systematic research and development and many years of experience in this area.

Visit the **GEISTER®** Extranet – Your portal for quality services at www.gbluelabel.de

Micro Instruments | Coronary Scissors
Needle Holders | Tissue Forceps
Fairgrip™ | Fairgrip™ultra | Structurae™



Our micro needle holders are set for grasping needles without rotation. Please be sure to return instruments for periodic routine maintenance to keep them in very best condition. You can determine if a needle holder requires restoration of its Sapphire™ Enhanced

Needle Grip Surface by placing a needle at the very tip and then slightly pushing or pulling it or by holding the closed tip up against the light. If the needle easily moves, or if you see light gaps between the tips, the needle holder should be sent for service.



Type	Insert	Tip size	0/0	1/0	2/0	3/0	4/0	5/0	6/0	7/0	8/0	9/0	10/0	11/0
Micro Needle Holders	Sapphire™	0.2 mm											X	X
	Sapphire™	0.4 mm									X	X	X	X
	Sapphire™	0.8 mm							X	X	X	X		
	Sapphire™	1.2 mm						X	X	X				
	TC (M) Micro	1.2 mm						X	X	X				
	Pitch 0.20-0.30													
Heavy Micro Needle Holders	Sapphire™	2.0 mm			X	X	X	X	X					
	TC (F) Fine	2.0 mm			X	X	X	X	X					
	Pitch 0.40													



Masterpieces

Precision crafted by skilled artisans with the support of the most advanced computer controlled manufacturing technologies, the GEISTER® microsurgical instrument range offers you maximum strength and durability, precise control, sensitive tactile feel, lightweight, superior balance and the quality with meticulous attention to the even smallest details that you expect from a GEISTER® instrument.

All GEISTER® Micro Needle Holders and Forceps - both in stainless steel and titanium - feature our exclusive Sapphire™ enhanced needle grip surface for a firm grasp of needles without rotation and maximum control during suturing or grasping tissue.

Available are patterns with 0.3 or 0.4 mm tip dimensions designed for holding needles size 8-0 and smaller, as well as patterns with 0.8 mm tip for needles size 6-0 and smaller and 1.2 mm for needles size 5-0 and smaller. Featured streamline models with a twisted boxlock effectively prevent snagging of sutures in the boxlock area. Special soft touch models with a new softer ratchet provide for even more precise anastomosis, faster action and response and even better control and feeling.

Titanium instruments are approx. 50 % lighter than stainless steel instruments, providing for reduced fatigue during extended operations. They provide excellent balance and feel, at least traumatic and antimagnetic. They are easy to maintain and to sterilize, just in the same manner as stainless steel instruments. For easier identification all GEISTER® titanium instruments are anodized in blue color.

Superior in workmanship, quality, and reliability, our fine spring style micro scissors deliver precise, sharp and smooth cuts even on smallest vascular and tissue structures. They are handcrafted from the finest surgical grade stainless steel available and completed with an individual hand grind on each cutting edge. You have a choice of round handles, here in particular our Fairgrip™ ultra handle, offering a better tactile feeling, or of flat serrated handles, providing a more controlled grip. Featured nano jaw models come with shorter and even finer blades for unsurpassed precision even on the most delicate vascular.

GEISTER® micro tissue forceps available with ring-, tying or atraumatic DeBakey Jaws tips are manufactured with round handles to guarantee a secure and firm hold of the instrument in your hand. Guide pins and special textured tips provide for precise and atraumatic tissue handling without slippage or twisting of jaws.





Fairgrip™ ultra Micro – Potts

Coronary Scissors



Fig.	Length mm/"	∠	blade length mm	Art.-No.	Fig.	Length mm/"	∠	blade length mm	Art.-No.	Type
A	170/6½	-	10	03-0606	-	-	-	-	-	-
B	170/6½	-	10	03-0608	-	-	-	-	-	-
C	170/6½	25°	10	03-0610	C	210/8¼	25°	10	03-0620	Streamline*
D	170/6½	45°	10	03-0612	D	210/8¼	45°	10	03-0621	Streamline*
E	170/6½	60°	10	03-0614	E	210/8¼	60°	10	03-0622	Streamline*
F	170/6½	90°	10	03-0616	F	210/8¼	90°	10	03-0623	Streamline*
G	170/6½	125°	10	03-0618	G	210/8¼	125°	10	03-0624	Streamline*

Standard blade length 10 mm. For shorter 7 mm blade add "KS" behind Art.-No. for ordering. For longer 14 mm blade add "LS" behind Art.-No. for ordering.

* Scissors with length 210 mm only available in Streamline.

Fairgrip™ Ultra Titanium Micro-Potts

Coronary Scissors



Fig.	Length mm/"	∠	blade length mm	Art.-No.	Fig.	Length mm/"	∠	blade length mm	Art.-No.	Type
A	170/6½	-	10	03-0606.TI	-	-	-	-	-	-
B	170/6½	-	10	03-0608.TI	-	-	-	-	-	-
C	170/6½	25°	10	03-0610.TI	C	210/8¼	25°	10	03-0620.TI	Streamline*
D	170/6½	45°	10	03-0612.TI	D	210/8¼	45°	10	03-0621.TI	Streamline*
E	170/6½	60°	10	03-0614.TI	E	210/8¼	60°	10	03-0622.TI	Streamline*
F	170/6½	90°	10	03-0616.TI	F	210/8¼	90°	10	03-0623.TI	Streamline*
G	170/6½	125°	10	03-0618.TI	G	210/8¼	125°	10	03-0624.TI	Streamline*

Standard blade length 10 mm. For shorter 7 mm blade add "KS" behind Art.-No. for ordering. For longer 14 mm blade add "LS" behind Art.-No. for ordering.

* Scissors with length 210 mm only available in Streamline.



Micro-Potts

Coronary Scissors (sharp/sharp)



Fig.	Length mm/''	∠	Art.-No. regular	Art.-No. nano blades	Fig.	Length mm/''	∠	Art.-No.	Fig.	Length mm/''	∠	Art.-No.
A	170/6½	25°	03-0031	03-0031.KS	A	210/8¼	25°	03-0031.21	A	230/9	25°	03-0031.23
B	170/6½	45°	03-0033	03-0033.KS	B	210/8¼	45°	03-0033.21	B	230/9	45°	03-0033.23
C	170/6½	60°	03-0035	03-0035.KS	C	210/8¼	60°	03-0035.21	C	230/9	60°	03-0035.23
D	170/6½	90°	03-0037	03-0037.KS	D	210/8¼	90°	03-0037.21	D	230/9	90°	03-0037.23
E	170/6½	125°	03-0039	–	E	210/8¼	125°	03-0039.21	E	230/9	125°	03-0039.23
F	170/6½	125°	03-0039V	03-0039.KS								

Standard blade length 10 mm. For shorter 7 mm blade add "KS" behind Art.-No. for ordering. For longer 14mm blade add "LS" behind Art.-No. for ordering.

Radialis

Coronary Scissors with ultra-fine nano blades,
pin-lock without screw

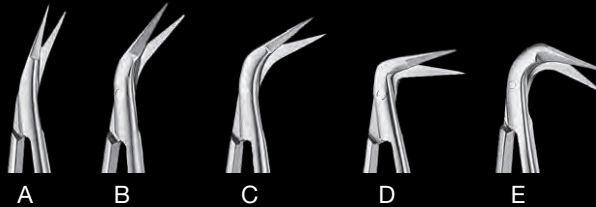


Fig.	Length mm/"	★	Art.-No. nano blades
A	180/7	25°	03-1031
B	180/7	45°	03-1033
C	180/7	60°	03-1035
D	180/7	90°	03-1037
E	180/7	125°	03-1039



Coronary TC

Streamline Scissors

welded tungsten carbide inserts extend
working life and provide for superior cutting action

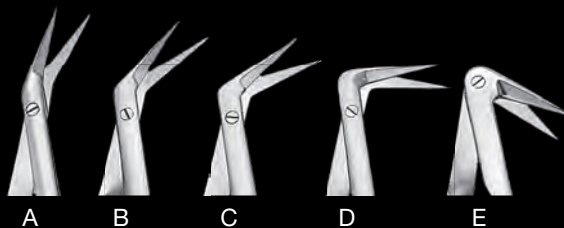


Fig.	Length mm / "	✂	Art.-No. regular
A	170 / 6½	25°	03-0980
B	170 / 6½	45°	03-0982
C	170 / 6½	60°	03-0984
D	170 / 6½	90°	03-0986
E	170 / 6½	125°	03-0988

Swedish Edge

Streamline Coronary Scissors

Streamline Scissors with ultra-sharp edges for smoother cutting action.

Swedish Edge™



A

B

C

D

E

Fig.	Length	∠ mm/°	Art.-No. regular	Art.-No. nano blades
A	180/7	25°	03-1050	03-1060
B	180/7	45°	03-1052	03-1062
C	180/7	60°	03-1054	03-1064
D	180/7	90°	03-1056	03-1066
E	180/7	125°	03-1058	03-1068

More Swedish Edge Scissors see page 298-301.



Coronary

Classic-type Scissors



Fig.	Length mm / "	∠	Art.-No. with ball	Art.-No. sharp/sharp	Fig.	Length mm / "	∠	Art.-No. with ball	Art.-No. sharp/sharp
A	170/6½	25°	03-0010.JP	03-0030.JP	A	140/5½	25°	—	03-0040.JP
B	170/6½	45°	03-0012.JP	03-0032.JP	B	140/5½	45°	—	03-0042.JP
C	170/6½	60°	03-0014.JP	03-0034.JP	C	140/5½	60°	—	03-0044.JP
D	170/6½	90°	03-0016.JP	03-0036.JP	D	140/5½	90°	—	03-0046.JP
E	170/6½	125°	03-0018.JP	03-0038.JP	E	140/5½	125°	—	03-0048.JP

Jacobson Coronary Scissors

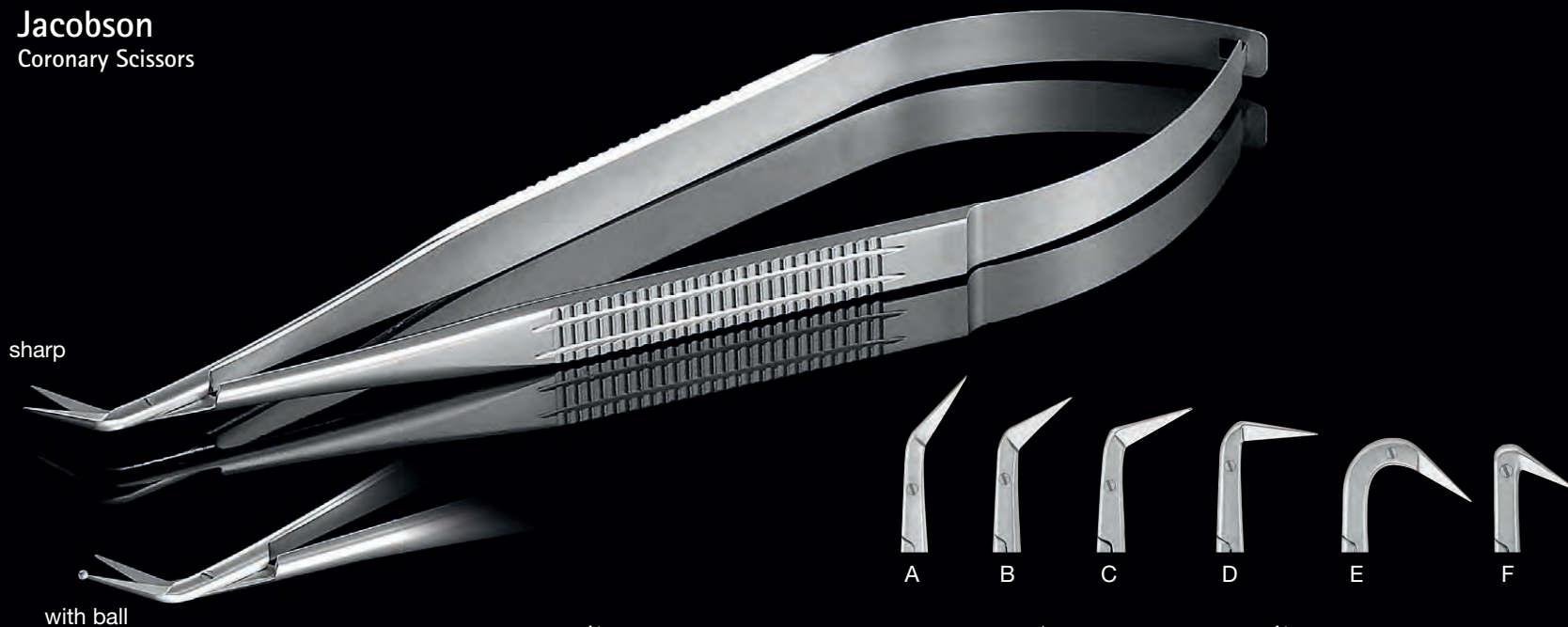


Fig.	Length mm / "	∠	Art.-No. with ball	Art.-No. sharp	Art.-No. nano sharp	Fig.	Length mm / "	∠	Art.-No. with ball	Art.-No. sharp
A	170/6½	25°	03-0010	03-0030	03-0030.KS	A	230/9	25°	03-0010.23	03-0030.23
B	170/6½	45°	03-0012	03-0032	03-0032.KS	B	230/9	45°	03-0012.23	03-0032.23
C	170/6½	60°	03-0014	03-0034	03-0034.KS	C	230/9	60°	03-0014.23	03-0034.23
D	170/6½	90°	03-0016	03-0036	03-0036.KS	D	230/9	90°	03-0016.23	03-0036.23
E	170/6½	125°	03-0018	03-0038	—	E	230/9	125°	03-0018.23	03-0038.23
F	170/6½	125°	—	03-0038V	03-0038.KS					

Standard blade length 10 mm. For shorter 7 mm blade add "KS" behind Art.-No. for ordering. For longer 14 mm blade add "LS" behind Art.-No. for ordering.



Mini-Potts



Castroviejo



Mini-Potts

Coronary Scissors (sharp/sharp)

Castroviejo

Coronary Scissors (sharp/sharp)

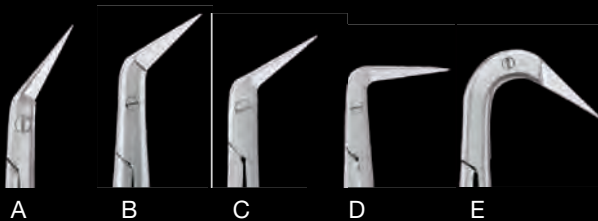


Fig.	✂	Length 115 mm 4½"
A	25°	03-1091
B	45°	03-1093
C	60°	03-1095
D	90°	03-1097
E	125°	03-1099

Fig.	✂	Length 90 mm 3½"
A	25°	03-1040
B	45°	03-1042
C	60°	03-1044
D	90°	03-1046
E	125°	03-1048

Yasargil

Scissors

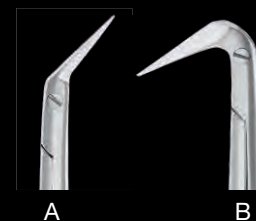


Fig.	Length mm / "	∠	Art.-No.
A	180 / 7	45°	41-4203
B	180 / 7	125°	41-4209



Structurae™

Coronary Scissors

ultra-lightweight
modular design.



Fig.	✂	Art. No.
A	25°	03-1131
B	45°	03-1133
C	60°	03-1135
D	90°	03-1137
E	125°	03-1139
F	125° V-neck	03-1139V

Adventitia/Dissecting

with flat handle



Fig.	Length mm/"	Jaw	Art.-No.	Fig.	Length mm/"	Jaw	Art.-No.
A	150/6	short (10mm)	03-0050	A	110/4¼	short (10mm)	03-0065
B	150/6	short (10mm)	03-0051	B	110/4¼	short (10mm)	03-0066
A	150/6	long (15mm)	03-0060	toothed jaws:			
B	150/6	long (15mm)	03-0061	A	150/6	long (15mm)	03-0070
				B	150/6	long (15mm)	03-0071



Adventitia/Dissecting

with round handle

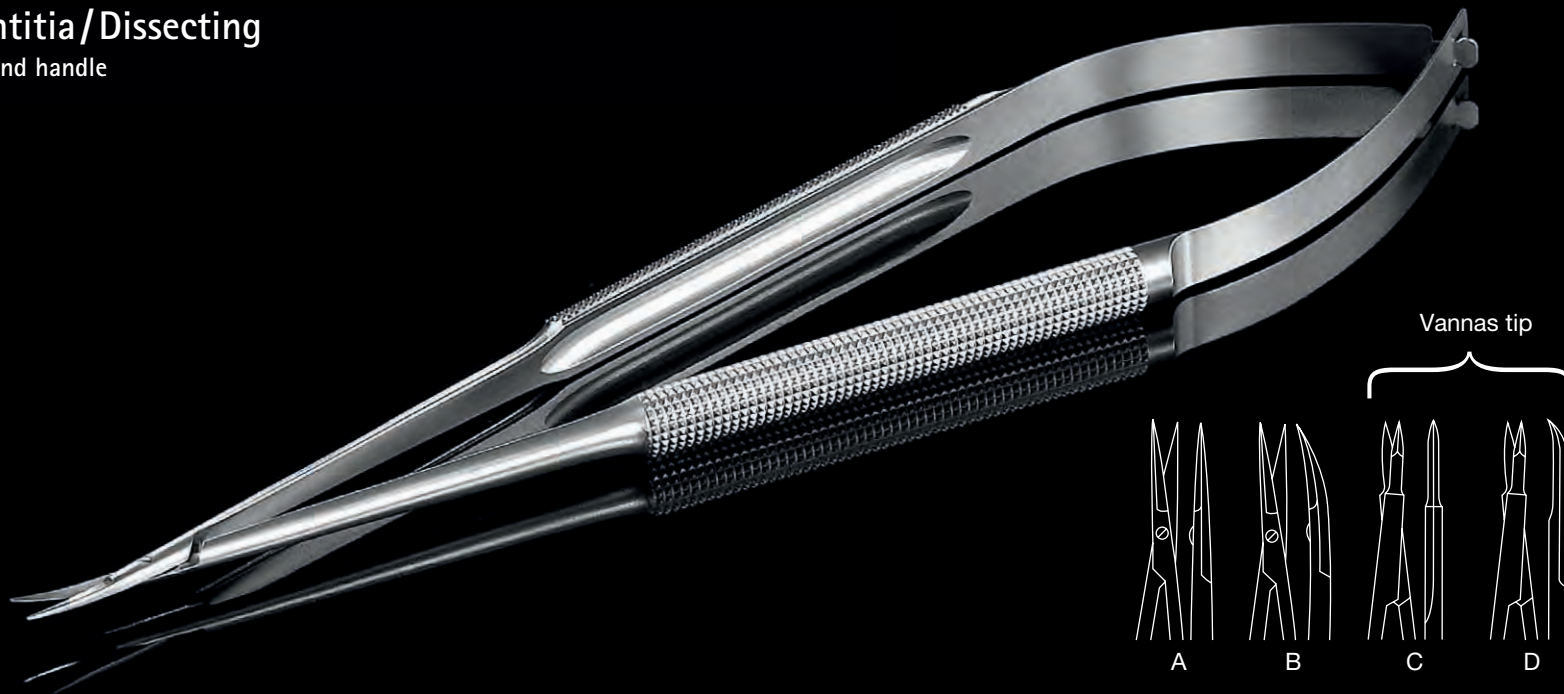


Fig.	Length mm/"	Blades	Handle	Art.-No.
A	150/6	short (6 mm)	R8	03-0055
B	150/6	short (6 mm)	R8	03-0056
C	150/6	short (6 mm)	R8	03-0055.VA
D	150/6	short (6 mm)	R8	03-0056.VA
A	150/6	long (9 mm)	R8	03-0080
B	150/6	long (9 mm)	R8	03-0081

Fig.	Length mm/"	Blades	Handle	Art.-No.
A	180/7	short (6 mm)	R8	03-0075
B	180/7	short (6 mm)	R8	03-0076
A	180/7	long (9 mm)	R8	03-0085
B	180/9	long (9 mm)	R8	03-0086

Diethrich-Hegemann

Coronary Scissors with
extra delicate micro tips

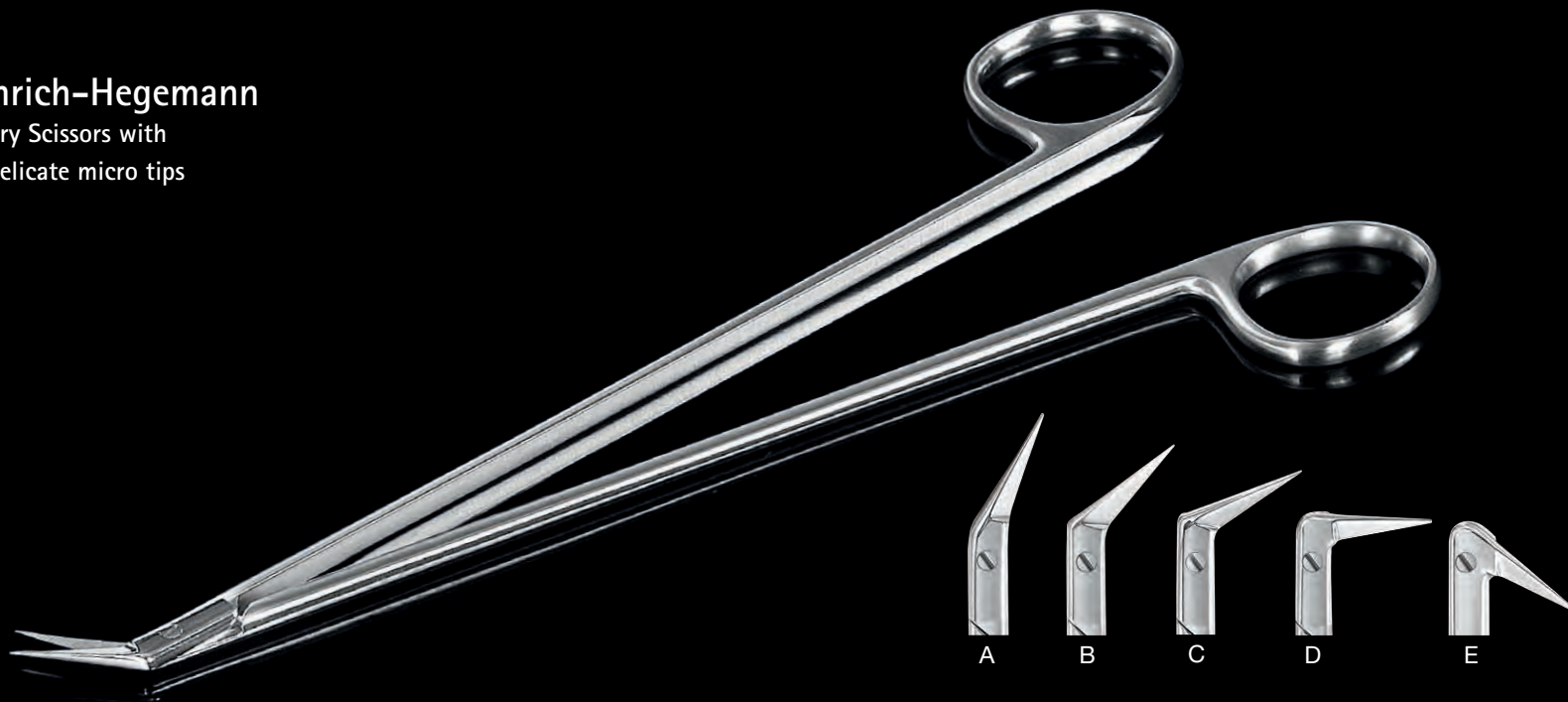


Fig.	Length mm/"	✂	Art.-No. regular	Art.-No. super cut	Art.-No. nano blades	Art.-No. nano super cut
A	180/7	25°	26-4100	26-4100.SC	26-4300	26-4300.SC
B	180/7	45°	26-4102	26-4102.SC	26-4302	26-4302.SC
C	180/7	60°	26-4104	26-4104.SC	26-4304	26-4304.SC
D	180/7	90°	26-4106	26-4106.SC	26-4306	26-4306.SC
E	180/7	125°	26-4108	26-4108.SC	26-4308	26-4308.SC
with bar:						
E	180/7	125°	26-4110	26-4110.SC		

Super cut versions identified by black coated rings.



Fairgrip™ ultra with ratchet



for sutures 8-0
and smaller



A



B

for sutures 6-0
and smaller



C



D

for sutures 5-0
and smaller



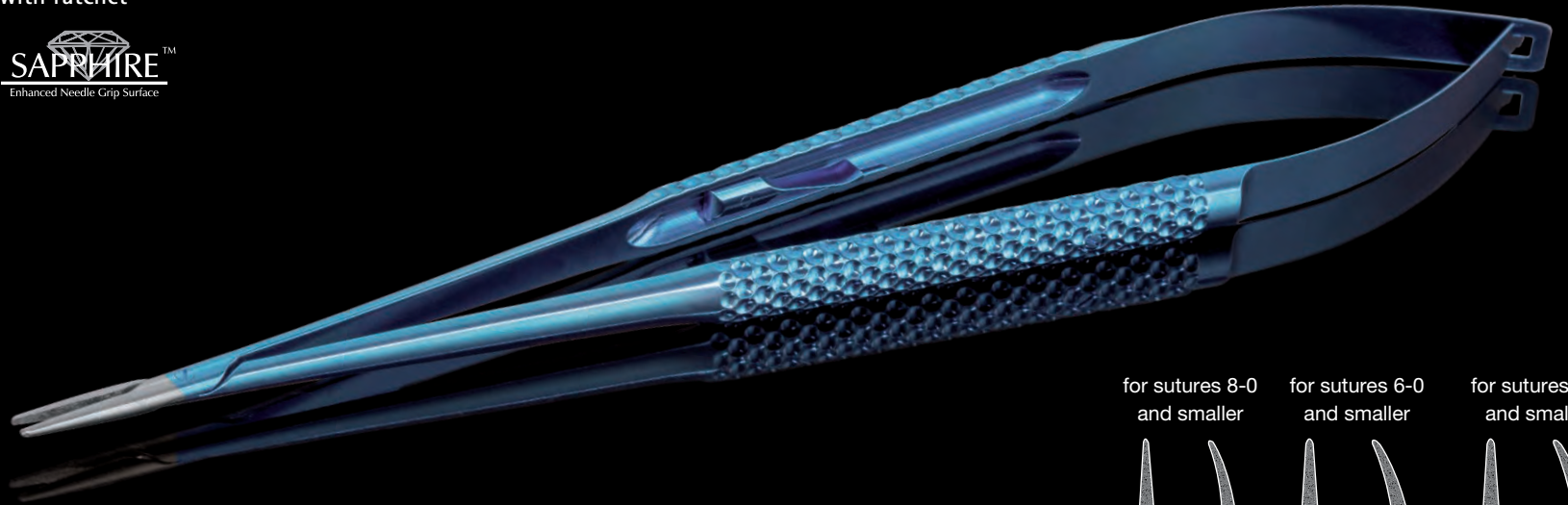
E



F

Fig.	Length mm/"	jaw	Art.-No.	Fig.	Length mm/"	jaw	Art.-No.	Fig.	Length mm/"	jaw	Art.-No.
A	180/7	0.4 x 12	03-0650.04	A	210/8¼	0.4 x 12	03-0655.04	A	230/9	0.4 x 12	03-0660.04
B	180/7	0.4 x 12	03-0651.04	B	210/8¼	0.4 x 12	03-0656.04	B	230/9	0.4 x 12	03-0661.04
C	180/7	0.8 x 12	03-0650.08	C	210/8¼	0.8 x 12	03-0655.08	C	230/9	0.8 x 12	03-0660.08
D	180/7	0.8 x 12	03-0651.08	D	210/8¼	0.8 x 12	03-0656.08	D	230/9	0.8 x 12	03-0661.08
E	180/7	1.2 x 12	03-0650	E	210/8¼	1.2 x 12	03-0655	E	230/9	1.2 x 12	03-0660
F	180/7	1.2 x 12	03-0651	F	210/8¼	1.2 x 12	03-0656	F	230/9	1.2 x 12	03-0661
								C	260/10¼	0.8 x 12	03-0665.08
								E	260/10¼	1.2 x 12	03-0665

Fairgrip™ ultra Titanium Streamline with ratchet



for sutures 8-0
and smaller



A



B

for sutures 6-0
and smaller



C



D

for sutures 5-0
and smaller



E



F

Fig.	Length mm/"	jaw	Art.-No.	Fig.	Length mm/"	jaw	Art.-No.	Fig.	Length mm/"	jaw	Art.-No.
A	180/7	0.4 x 12	03-0650.04TI	A	210/8¼	0.4 x 12	03-0655.04TI	A	230/9	0.4 x 12	03-0660.04TI
B	180/7	0.4 x 12	03-0651.04TI	B	210/8¼	0.4 x 12	03-0656.04TI	B	230/9	0.4 x 12	03-0661.04TI
C	180/7	0.8 x 12	03-0650.08TI	C	210/8¼	0.8 x 12	03-0655.08TI	C	230/9	0.8 x 12	03-0660.08TI
D	180/7	0.8 x 12	03-0651.08TI	D	210/8¼	0.8 x 12	03-0656.08TI	D	230/9	0.8 x 12	03-0661.08TI
E	180/7	1.2 x 12	03-0650.TI	E	210/8¼	1.2 x 12	03-0655.TI	E	230/9	1.2 x 12	03-0660.TI
F	180/7	1.2 x 12	03-0651.TI	F	210/8¼	1.2 x 12	03-0656.TI	F	230/9	1.2 x 12	03-0661.TI



Fairgrip™ ultra Heavy Streamline with ratchet



for sutures 2-0
and smaller

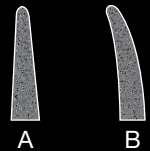


Fig.	Length mm/"	Handle	jaw	Art.-No.	Fig.	Length mm/"	Handle	jaw	Art.-No.	Fig.	Length mm/"	Handle	jaw	Art.-No.
A	190/7½	R10	2.0 x 18	03-0680	A	230/9	R10	2.0 x 18	03-0682	A	260/10¼	R10	2.0 x 18	03-0684
B	190/7½	R10	2.0 x 18	03-0681	B	230/9	R10	2.0 x 18	03-0683	B	260/10¼	R10	2.0 x 18	03-0685

Fairgrip™ ultra TC

with ratchet



TC-inserts 0,2 mm (M)
for sutures 5-0 and
smaller

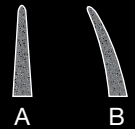


Fig.	Length mm / "	jaw	Art.-No.	Fig.	Length mm / "	jaw	Art.-No.	Fig.	Length mm / "	jaw	Art.-No.
A	180/7	1.2 x 12	24-1140	A	210/8¼	1.2 x 12	24-1150	A	230/9	1.2 x 12	24-1160
B	180/7	1.2 x 12	24-1141	B	210/8¼	1.2 x 12	24-1151	B	230/9	1.2 x 12	24-1161



Jacobson

with or without ratchet



for sutures 8-0
and smaller



for sutures 6-0
and smaller



A

B

C

D

Fig.	Length mm/"	Handle	Jaw mm	Art.-No.		Length mm/"	Handle	Jaw mm	Art.-No.		Length mm/"	Handle	Jaw mm	Art.-No.	
				with ratchet	without ratchet				with ratchet	without ratchet				with ratchet	without ratchet
A	145/5¾	R8	0.4 x 11	03-0155	03-0150	180/7	R9	0.4 x 11	03-0175	03-0170	205/8	R9	0.4 x 11	03-0195	03-0190
B	145/5¾	R8	0.4 x 11	03-0156	03-0151	180/7	R9	0.4 x 11	03-0176	03-0171	205/8	R9	0.4 x 11	03-0196	03-0191
C	145/5¾	R8	0.8 x 11	03-0165	03-0160	180/7	R9	0.8 x 11	03-0185	03-0180	205/8	R9	0.8 x 11	03-0205	03-0200
D	145/5¾	R8	0.8 x 11	03-0166	03-0161	180/7	R9	0.8 x 11	03-0186	03-0181	205/8	R9	0.8 x 11	03-0206	03-0201
A	230/9	R9	0.4 x 11	03-0215	03-0210	180/7	R8	0.3 x 11	03-0555*	–	205/8	R8	0.3 x 11	03-0565*	–
B	230/9	R9	0.4 x 11	03-0216	03-0211	180/7	R8	0.3 x 11	03-0556*	–	205/8	R8	0.3 x 11	03-0566*	–
C	230/9	R9	0.8 x 11	03-0225	03-0220						250/10	R9	0.8 x 11	03-0227	–
D	230/9	R9	0.8 x 11	03-0226	03-0221						250/10	R9	0.8 x 11	03-0228	–

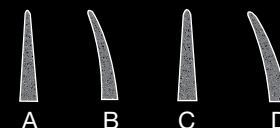
* extra lightweight and delicate pattern

Jacobson Titanium

with or without ratchet



for sutures 8-0 and smaller for sutures 6-0 and smaller



universal ratchet:	Fig.	Length mm / "	Handle	Jaw mm	Art.-No.		Art.-No. universal ratchet	Fig.	Length mm / "	Handle	Jaw mm	Art.-No.		Art.-No. universal ratchet
					with ratchet	without ratchet						with ratchet	without ratchet	
	A	145/5¾	R8	0.4 x 11	03-4535	03-4530		A	205/8	R8	0.4 x 11	03-4575	03-4570	03-4575U
	B	145/5¾	R8	0.4 x 11	03-4536	03-4531		B	205/8	R8	0.4 x 11	03-4576	03-4571	03-4576U
	C	145/5¾	R8	0.8 x 11	03-4545	03-4540		C	205/8	R8	0.8 x 11	03-4585	03-4580	03-4585U
	D	145/5¾	R8	0.8 x 11	03-4546	03-4541		D	205/8	R8	0.8 x 11	03-4586	03-4581	03-4586U
	A	180/7	R8	0.4 x 11	03-4555	03-4550	03-4555U	A	235/9¼	R8	0.4 x 11	03-4577	03-4572	03-4577U
	B	180/7	R8	0.4 x 11	03-4556	03-4551	03-4551U	B	235/9¼	R8	0.4 x 11	03-4578	03-4573	03-4578U
	C	180/7	R8	0.8 x 11	03-4565	03-4560	03-4565U	C	235/9¼	R8	0.8 x 11	03-4587	03-4582	03-4587U
	D	180/7	R8	0.8 x 11	03-4566	03-4561	03-4566U	D	235/9¼	R8	0.8 x 11	03-4588	03-4583	03-4588U



Streamline

with ratchet

SAPPHIRE™
Enhanced Needle Grip Surface



for sutures 5-0
and smaller



for sutures 6-0
and smaller



for sutures 8-0
and smaller



Fig.	Length mm/"	Handle	Jaw mm	Art.-No.
A	180/7	R8.5	1.2 x 12	03-0263
B	180/7	R8.5	1.2 x 12	03-0264
C	180/7	R8.5	0.8 x 12	03-0263.08
D	180/7	R8.5	0.8 x 12	03-0264.08
E	180/7	R8.5	0.4 x 12	03-0263.04
F	180/7	R8.5	0.4 x 12	03-0264.04

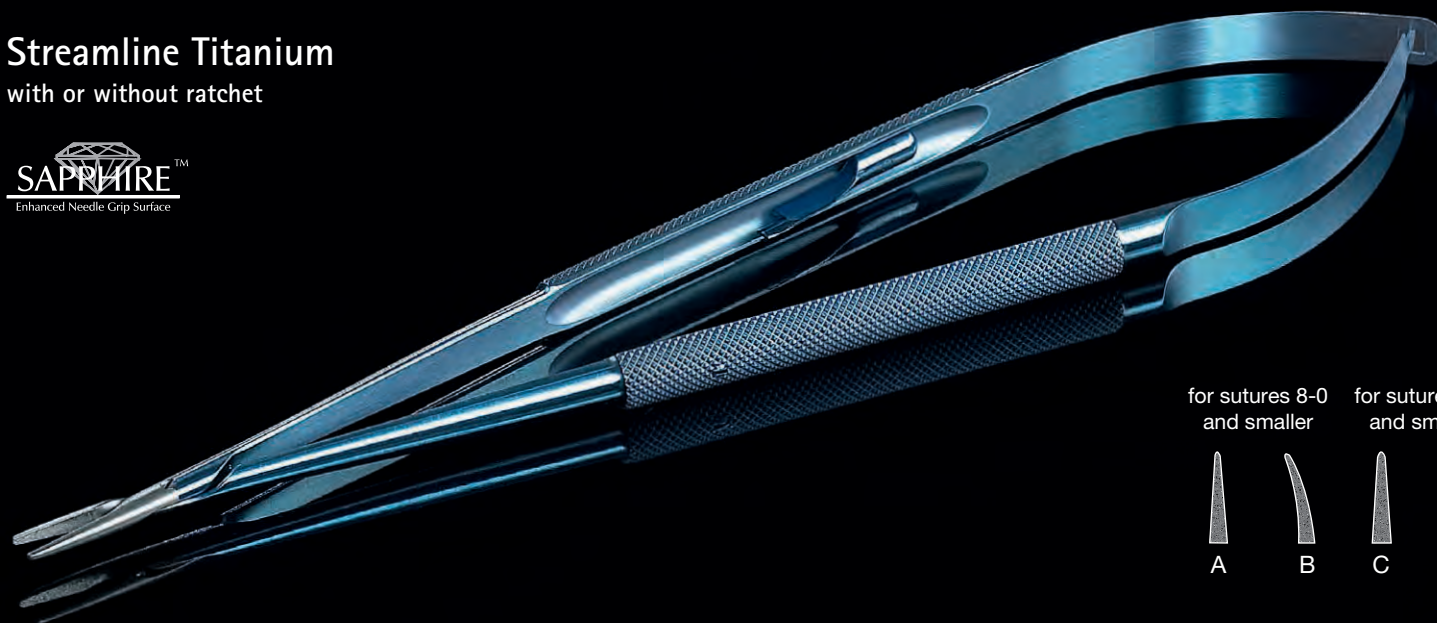
Fig.	Length mm/"	Handle	Jaw mm	Art.-No.
A	205/8	R8.5	1.2 x 12	03-0265
A	205/8	R9	1.2 x 12	03-0265C*
B	205/8	R8.5	1.2 x 12	03-0266
C	205/8	R8.5	0.8 x 12	03-0265.08
C	205/8	R9	0.8 x 12	03-0265.08C*
D	205/8	R8.5	0.8 x 12	03-0266.08
E	205/8	R8.5	0.4 x 12	03-0265.04
E	205/8	R9	0.4 x 12	03-0265.04C*
F	205/8	R8.5	0.4 x 12	03-0266.04

Fig.	Length mm/"	Handle	Jaw mm	Art.-No.
A	230/9	R8.5	1.2 x 12	03-0267
B	230/9	R8.5	1.2 x 12	03-0268
C	230/9	R8.5	0.8 x 12	03-0267.08
D	230/9	R8.5	0.8 x 12	03-0268.08
E	230/9	R8.5	0.4 x 12	03-0267.04
F	230/9	R8.5	0.4 x 12	03-0268.04

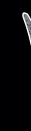
* with wider knurling.

Streamline Titanium

with or without ratchet

for sutures 8-0
and smallerfor sutures 6-0
and smallerfor sutures 5-0
and smaller

A



B



C



D



E



F

Fig.	Length mm /"	Handle	Jaw mm	Art.-No.		Length mm /"	Handle	Jaw mm	Art.-No.		Length mm /"	Handle	Jaw mm	Art.-No.	
				with ratchet	without ratchet				with ratchet	without ratchet				with ratchet	without ratchet
A	180/7	R8	0.4 x 12	03-4625.04	03-4620.04	200/8	R8	0.4 x 12	03-4635.04	03-4630.04	250/10	R9	0.4 x 12	03-4645.04	-
B	180/7	R8	0.4 x 12	03-4626.04	03-4621.04	200/8	R8	0.4 x 12	03-4636.04	03-4631.04	250/10	R9	0.4 x 12	03-4646.04	-
C	180/7	R8	0.8 x 12	03-4625.08	03-4620.08	200/8	R8	0.8 x 12	03-4635.08	03-4630.08	250/10	R9	0.8 x 12	03-4645.08	03-4640.08
D	180/7	R8	0.8 x 12	03-4626.08	03-4621.08	200/8	R8	0.8 x 12	03-4636.08	03-4631.08	250/10	R9	0.8 x 12	03-4646.08	03-4641.08
E	180/7	R8	1.2 x 12	03-4625	03-4620	200/8	R8	1.2 x 12	03-4635	03-4630	250/10	R9	1.2 x 12	03-4645	03-4640
F	180/7	R8	1.2 x 12	03-4626	03-4621	200/8	R8	1.2 x 12	03-4636	03-4631	250/10	R9	1.2 x 12	03-4646	03-4641
E						230/8	R8	1.2 x 12	03-4642	03-4637	300/12	R9	1.2 x 12	03-4655	03-4650
F						230/8	R8	1.2 x 12	03-4643	03-4638	300/12	R9	1.2 x 12	03-4656	03-4651



Coronary

with or without ratchet, large handle, duckbill jaw



for sutures 5-0
and smaller

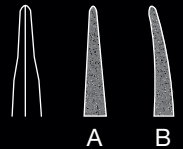
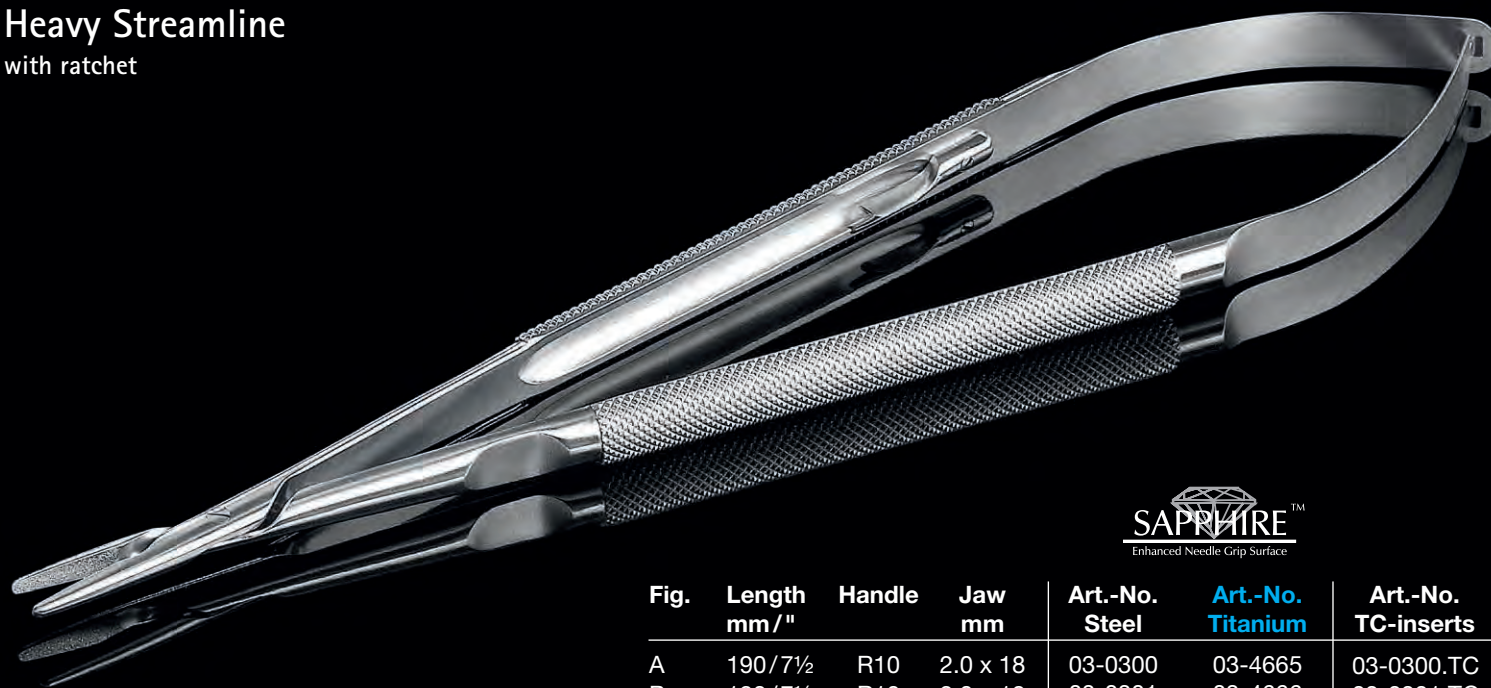


Fig.	Length mm/"	Handle	Jaw mm	Art.-No. Steel		Art.-No. Titanium	
				with ratchet	without ratchet	with ratchet	without ratchet
A	180/7	R10	1.2 x 12	03-0135	03-0130	03-4605	03-4600
B	180/7	R10	1.2 x 12	03-0136	03-0131	03-4606	03-4601
A	210/8¼	R10	1.2 x 12	03-0137		03-4615	03-4610
B	210/8¼	R10	1.2 x 12	03-0138		03-4616	03-4611
A	230/9	R10	1.2 x 12	03-0137.23			
B	230/9	R10	1.2 x 12	03-0138.23			

Heavy Streamline

with ratchet



SAPPHIRE™
Enhanced Needle Grip Surface

for sutures 2-0
and smaller

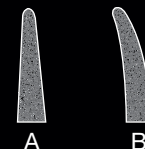


Fig.	Length mm /"	Handle	Jaw mm	Art.-No. Steel	Art.-No. Titanium	Art.-No. TC-inserts	Jaw Insert pitch mm
A	190 / 7½	R10	2.0 x 18	03-0300	03-4665	03-0300.TC	Fine TC (0.4) (F)
B	190 / 7½	R10	2.0 x 18	03-0301	03-4666	03-0301.TC	Fine TC (0.4) (F)
A	230 / 9	R10	2.0 x 18	03-0310	03-4685	03-0310.TC	Fine TC (0.4) (F)
B	230 / 9	R10	2.0 x 18	03-0311	03-4686	03-0311.TC	Fine TC (0.4) (F)
A	250 / 10	R10	2.0 x 18	03-0320	03-4695	03-0320.TC	Fine TC (0.4) (F)
B	250 / 10	R10	2.0 x 18	03-0321	03-4696	03-0321.TC	Fine TC (0.4) (F)
A	300 / 12	R10	2.0 x 18	03-0330			
B	300 / 12	R10	2.0 x 18	03-0331			

Models with TC-inserts identified by gold plated spring ends.



Jacobson Soft Touch

with more sensitive soft ratchet



for sutures 8-0
and smaller

for sutures 6-0
and smaller

for sutures 5-0
and smaller



Fig.	Length mm / "	Handle	Jaw mm	Art.-No.	extra fine slim jaw	Fig.	Length mm / "	Handle	Jaw mm	Art.-No.	extra fine slim jaw
A	180/7	R8	0.4 x 11	03-0502	03-0502.SM	A	205/8	R8	0.4 x 11	03-0512	03-0512.SM
B	180/7	R8	0.4 x 11	03-0507		B	205/8	R8	0.4 x 11	03-0517	
C	180/7	R8	0.8 x 11	03-0501		C	205/8	R8	0.8 x 11	03-0511	
D	180/7	R8	0.8 x 11	03-0506		D	205/8	R8	0.8 x 11	03-0516	
E	180/7	R8	1.2 x 11	03-0500		E	205/8	R8	1.2 x 11	03-0510	
F	180/7	R8	1.2 x 11	03-0505		F	205/8	R8	1.2 x 11	03-0515	

Castroviejo Giannini

with ratchet



for sutures 5-0 and smaller for sutures 6-0 and smaller

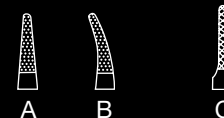


Fig.	Length mm/"	Jaw Insert pitch mm	Art.-No.	Fig.	Length mm/"	Jaw Insert pitch mm	Art.-No.	Fig.	Length mm/"	Jaw Insert pitch mm	Art.-No.
A	140/5½	Micro TC (0.2)	24-0220	A	210/8¼	Micro TC (0.2)	24-0228	A	210/8¼	Fine TC (0.4)	24-0248
B	140/5½	Micro TC (0.2)	24-0221	B	210/8¼	Micro TC (0.2)	24-0229	B	210/8¼	Fine TC (0.4)	24-0249
C	140/5½	Micro TC (0.2)	03-0290	C	210/8¼	Micro TC (0.2)	03-0292	Giannini long pattern:			
A	180/7	Micro TC (0.2)	24-0224	A	140/5½	Fine TC (0.4)	24-0240	A	240/9½	Micro TC (0.2)	24-0255
B	180/7	Micro TC (0.2)	24-0225	B	140/5½	Fine TC (0.4)	24-0241				
C	180/7	Micro TC (0.2)	03-0291	A	180/7	Fine TC (0.4)	24-0244				
				B	180/7	Fine TC (0.4)	24-0245				



Jacobson
with ratchet



for sutures 8-0
and smaller

for sutures 6-0
and smaller

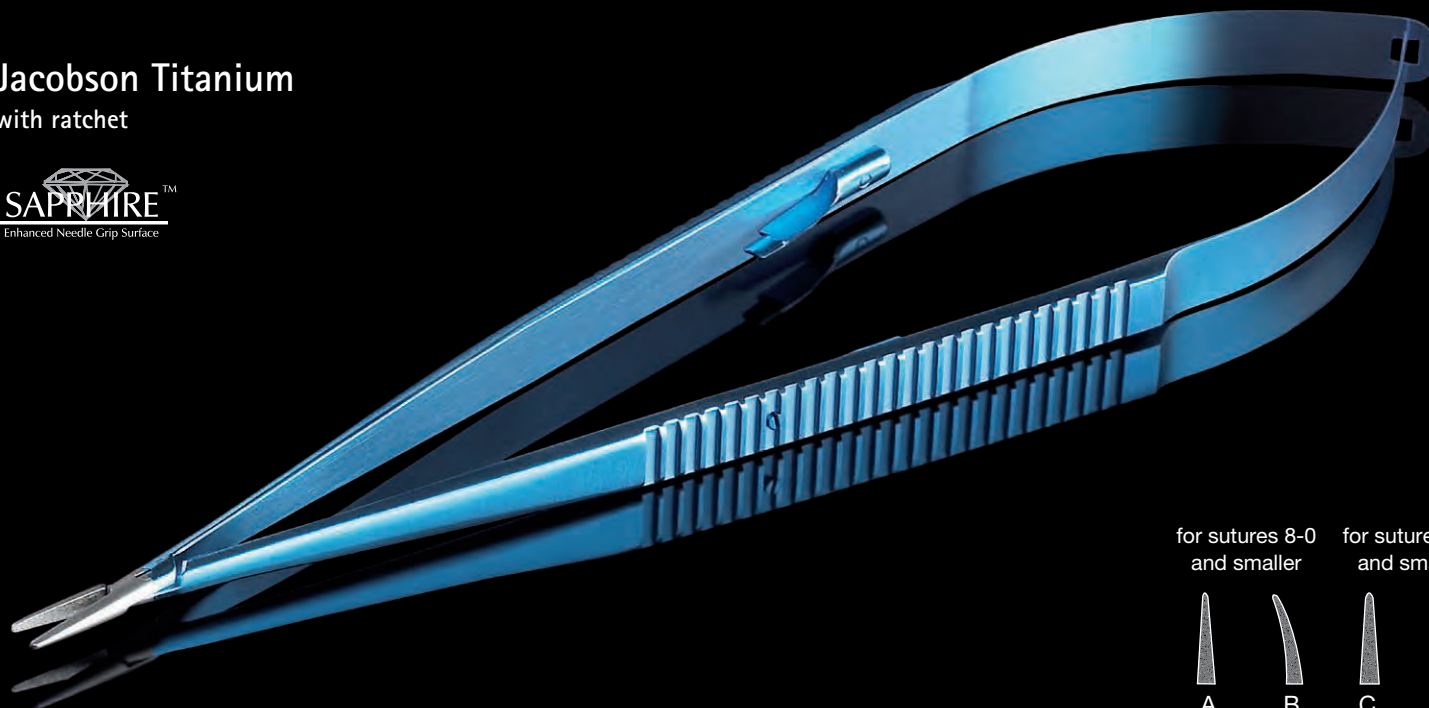
for sutures 5-0
and smaller



Fig.	Length mm/"	Handle	Jaw mm	Art.-No.	Fig.	Length mm/"	Handle	Jaw mm	Art.-No.	Fig.	Length mm/"	Handle	Jaw mm	Art.-No.
A	180/7	Flat	0.4 x 11	03-0230	A	215/8¼	Flat	0.4 x 11	03-0240	A	235/9¼	Flat	0.4 x 11	03-0250
B	180/7	Flat	0.4 x 11	03-0231	B	215/8¼	Flat	0.4 x 11	03-0241	B	235/9¼	Flat	0.4 x 11	03-0251
C	180/7	Flat	0.8 x 11	03-0230.08	C	215/8¼	Flat	0.8 x 11	03-0240.08	C	235/9¼	Flat	0.8 x 11	03-0250.08
D	180/7	Flat	0.8 x 11	03-0231.08	D	215/8¼	Flat	0.8 x 11	03-0241.08	D	235/9¼	Flat	0.8 x 11	03-0251.08
E	180/7	Flat	1.2 x 11	03-0230.12	E	215/8¼	Flat	1.2 x 11	03-0240.12	E	235/9¼	Flat	1.2 x 11	03-0250.12
F	180/7	Flat	1.2 x 11	03-0231.12	F	215/8¼	Flat	1.2 x 11	03-0241.12	F	235/9¼	Flat	1.2 x 11	03-0251.12

Jacobson Titanium

with ratchet



for sutures 8-0
and smaller



for sutures 6-0
and smaller



for sutures 5-0
and smaller



Fig.	Length mm/"	Handle	Jaw mm	Art.-No.	Fig.	Length mm/"	Handle	Jaw mm	Art.-No.	Fig.	Length mm/"	Handle	Jaw mm	Art.-No.
A	180/7	Flat	0.4 x 11	03-4590	A	205/8	Flat	0.4 x 11	03-4592	A	235/9¼	Flat	0.4 x 11	03-4594
B	180/7	Flat	0.4 x 11	03-4591	B	205/8	Flat	0.4 x 11	03-4593	B	235/9¼	Flat	0.4 x 11	03-4595
C	180/7	Flat	0.8 x 11	03-4590.08	C	205/8	Flat	0.8 x 11	03-4592.08	C	235/9¼	Flat	0.8 x 11	03-4594.08
D	180/7	Flat	0.8 x 11	03-4591.08	D	205/8	Flat	0.8 x 11	03-4593.08	D	235/9¼	Flat	0.8 x 11	03-4595.08
E	180/7	Flat	1.2 x 11	03-4590.12	E	205/8	Flat	1.2 x 11	03-4592.12	E	235/9¼	Flat	1.2 x 11	03-4594.12
F	180/7	Flat	1.2 x 11	03-4591.12	F	205/8	Flat	1.2 x 11	03-4593.12	F	235/9¼	Flat	1.2 x 11	03-4595.12



Jacobson

with ratchet, flat knurled handle



for sutures 5-0
and smaller



A



B



C



D

for sutures 6-0
and smaller

Fig.	Length mm/"	Handle	Jaw mm	Art.-No.	Fig.	Length mm/"	Handle	Jaw mm	Art.-No.
A	190/7½	Flat	1.2 x 11	03-0255	A	210/8¼	Flat	1.2 x 11	03-0257
B	190/7½	Flat	1.2 x 11	03-0256	B	210/8¼	Flat	1.2 x 11	03-0258
C	190/7½	Flat	0.8 x 11	03-0255.08	C	210/8¼	Flat	0.8 x 11	03-0257.08
D	190/7½	Flat	0.8 x 11	03-0256.08	D	210/8¼	Flat	0.8 x 11	03-0258.08

Microsurgical Knife



16-0032

16-0030

Art.-No.

- 16-2070 15° Microsurgical knife, blade/tip pack of 6 pieces, sterile
 16-2075 Crescent Microsurgical knife, straight 2 mm, blade/tip pack of 6 pieces, sterile
 16-0031 Handle for disposable knives, 18 cm Aluminium
 16-0032 Fairgrip™ ultra Handle for disposable knives, 18 cm, Aluminium
 16-0032.TI Fairgrip™ ultra Handle for disposable knives, 18 cm, Titanium
 16-0030 Handle for disposable knives, 18 cm stainless steel
 16-0030.DF PANDOR™ Handle for disposable knives, 18 cm, stainless steel
 16-5050 Handle for disposable knives, 9.5 cm

16-2075

16-2070



Geister-Vascular

For a secure but gentle grip of needles and sutures without damage in General Surgery, Cardiovascular Surgery, Plastic Surgery, Urology



for sutures 7-0
and smaller



Fig.	Length mm/"	Art.-No.	Fig.	Length mm/"	Art.-No.
A	130/5	24-0496	B	130/5	24-0497
	165/6¼	24-0498		165/6¼	24-0499
	180/7	24-0500		180/7	24-0501
	190/7½	24-0502		190/7½	24-0503
	230/9	24-0504		230/9	24-0505

Geister-Vascular Titanium

For a secure but gentle grip of needles and sutures without damage in General Surgery, Cardiovascular Surgery, Plastic Surgery, Urology



for sutures 7-0
and smaller



A

Fig.	Length mm / "	Art.-No.
A	125 / 4½	24-0530
	145 / 5½	24-0532
	175 / 6½	24-0534
	195 / 7½	24-0536
	225 / 8½	24-0538



Fairgrip™ ultra Tying Forceps with platform

SAPPHIRE™
Enhanced Needle Grip Surface

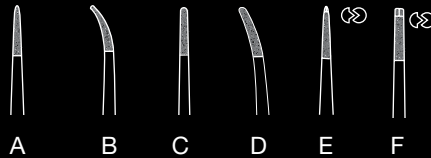


Fig.	Length mm/"	Jaw mm	teeth	Art.-No. ①
E	180/7	0.4	1 x 2	10-6056
F	180/7	0.8	1 x 2	10-6052
E	210/8¼	0.4	1 x 2	10-6058
F	210/8¼	0.8	1 x 2	10-6054

Fig.	Length mm/"	Jaw mm	Art.-No. ①	Art.-No. ②
A	180/7	0.4 x 7	10-6032	10-6332
B	180/7	0.4 x 7	10-6033	10-6333
C	180/7	0.8 x 7	10-6030	10-6330
D	180/7	0.8 x 7	10-6031	10-6331
A	210/8¼	0.4 x 7	10-6036	10-6336
B	210/8¼	0.4 x 7	10-6037	10-6337
C	210/8¼	0.8 x 7	10-6034	10-6334
D	210/8¼	0.8 x 7	10-6035	10-6335
A	230/9	0.4 x 7	10-6047	-
C	230/9	0.8 x 7	10-6045	-
C	260/10¼	0.8 x 7	10-6048	-

Fairgrip™ ultra Titanium Tying Forceps with platform

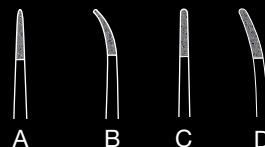
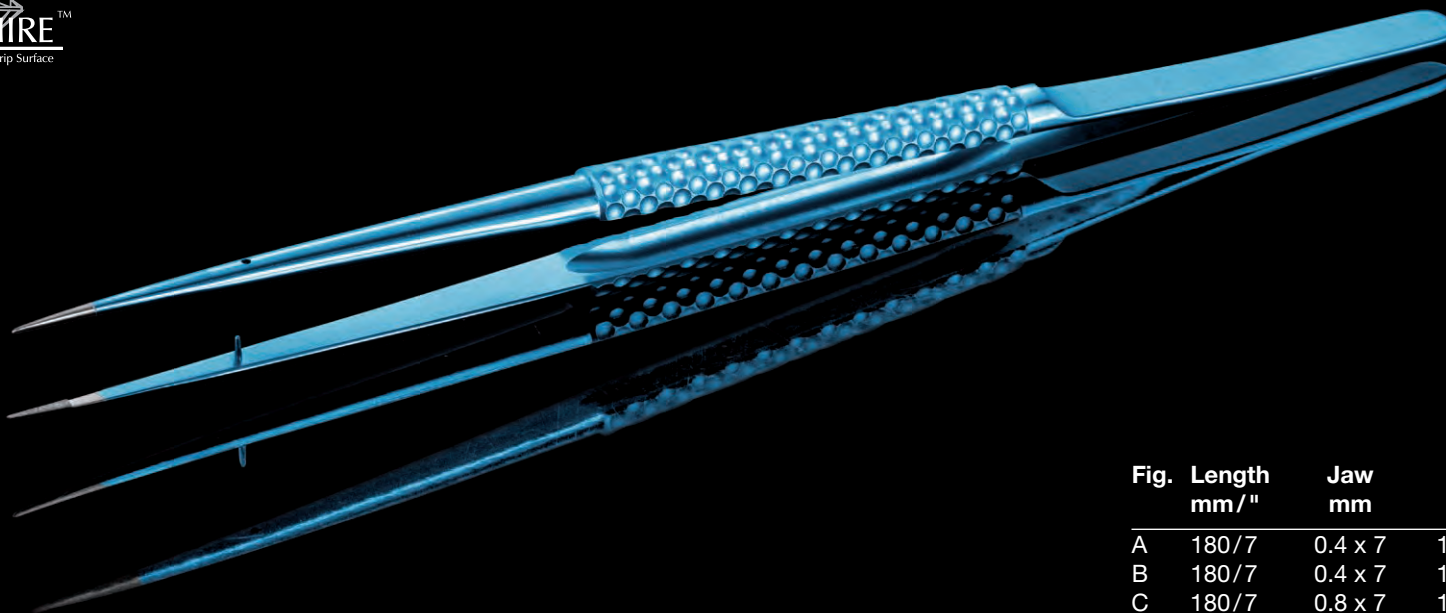


Fig.	Length mm / "	Jaw mm	Art.-No.
A	180/7	0.4 x 7	10-6032.TI
B	180/7	0.4 x 7	10-6033.TI
C	180/7	0.8 x 7	10-6030.TI
D	180/7	0.8 x 7	10-6031.TI
A	210/8¼	0.4 x 7	10-6036.TI
B	210/8¼	0.4 x 7	10-6037.TI
C	210/8¼	0.8 x 7	10-6034.TI
D	210/8¼	0.8 x 7	10-6035.TI
A	230/9	0.4 x 7	10-6047.TI
C	230/9	0.8 x 7	10-6045.TI



Fairgrip™ ultra Forceps

Ring Tip



Fig.	Length mm/"	Ring Ø mm	Art.-No.	
			①	②
A	180/7	0.5 x 1.0	10-6010	10-6310
B	180/7	0.5 x 1.0	10-6011	10-6311
A	210/8¼	0.5 x 1.0	10-6012	10-6312
B	210/8¼	0.5 x 1.0	10-6013	10-6313
A	230/9	0.5 x 1.0	10-6014	10-6314
B	230/9	0.5 x 1.0	10-6015	10-6315

Fairgrip™ ultra Titanium Forceps

Ring Tip

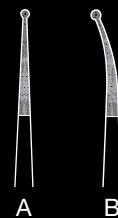


Fig.	Length mm/"	Ring Ø mm	Art.-No.
A	180/7	0.5 x 1.0	10-6010.TI
B	180/7	0.5 x 1.0	10-6011.TI
A	210/8¼	0.5 x 1.0	10-6012.TI
B	210/8¼	0.5 x 1.0	10-6013.TI
A	230/9	0.5 x 1.0	10-6014.TI
B	230/9	0.5 x 1.0	10-6015.TI



Fairgrip™ ultra
with DeBakey Jaws

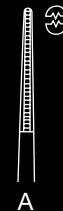


Fig.	Length mm/''	jaw mm	Art.-No.
A	180/7	1.0	10-6060
A	210/8¼	1.0	10-6065
A	230/9	1.0	10-6076
A	250/107	1.0	10-6070

Fairgrip™ ultra Titanium

with DeBakey Jaws

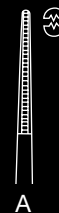
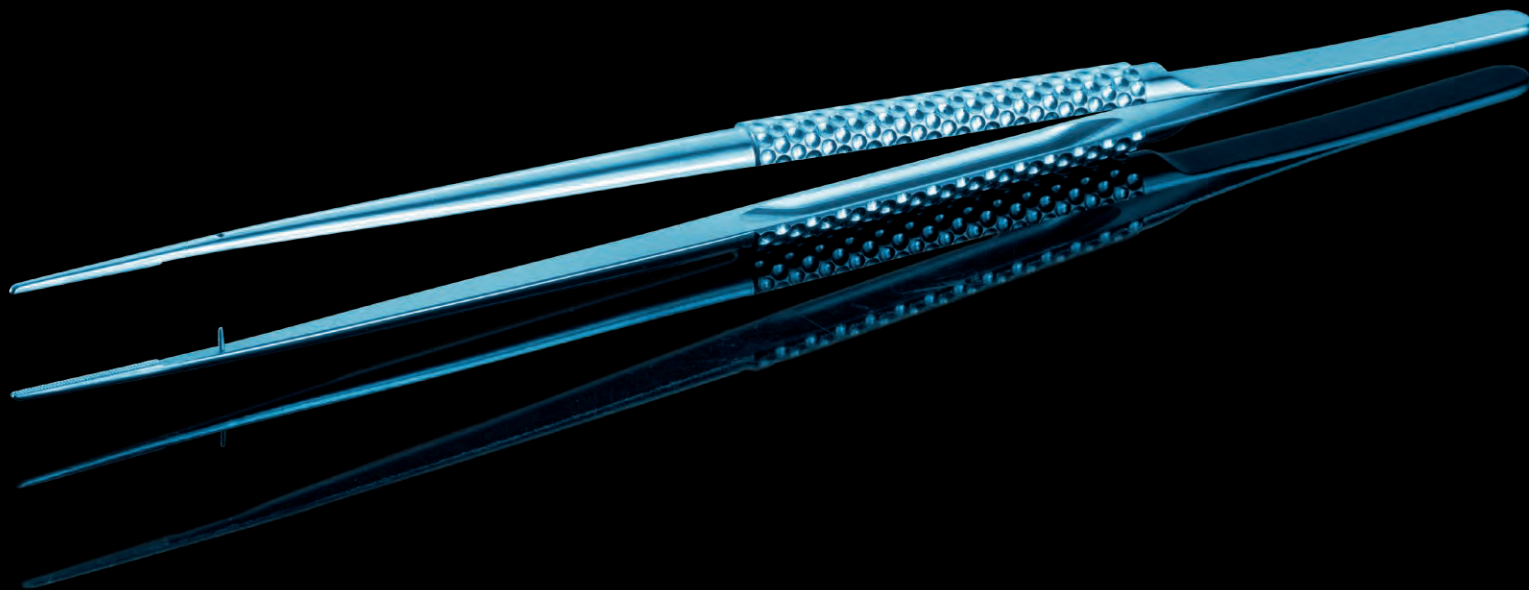
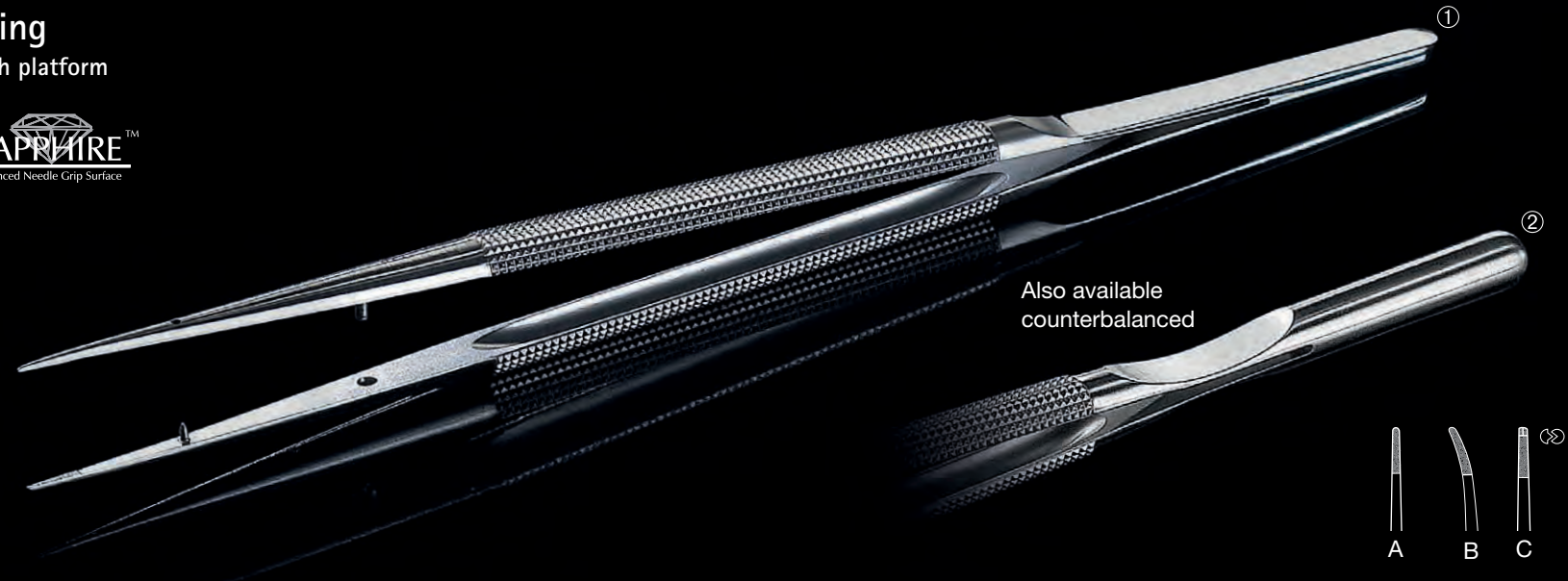


Fig.	Length mm/"	jaw mm	Art.-No.
A	180/7	1.0	10-6060.TI
A	210/8¼	1.0	10-6065.TI
A	230/9	1.0	10-6076.TI
A	250/10	1.0	10-6070.TI



Tying

with platform



Also available
counterbalanced

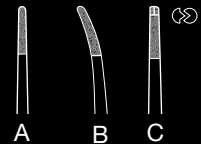


Fig.	Length mm/"	Jaw mm	Teeth	Art.-No. ①	Art.-No. ②	Fig.	Length mm/"	Jaw mm	Teeth	Art.-No. ①	Art.-No. ②	Fig.	Length mm/"	Jaw mm	Teeth	Art.-No. ①	Art.-No. ②
A	150/6	0.4 x 6	-	10-3550		A	210/8¼	0.4 x 6	-	10-3570	10-3870	B	230/9	0.8 x 6	-	10-3586	
B	150/6	0.4 x 6	-	10-3555		B	210/8¼	0.4 x 6	-	10-3575	10-3875	A	250/10	0.4 x 6	-	10-3590	
C	150/6	0.4 x 6	1 x 2	10-3552		A	210/8¼	0.8 x 6	-	10-3571	10-3871	B	250/10	0.4 x 6	-	10-3595	
A	180/7	0.4 x 6	-	10-3560	10-3860	B	210/8¼	0.8 x 6	-	10-3576	10-3876	A	250/10	0.8 x 6	-	10-3591	
B	180/7	0.4 x 6	-	10-3565	10-3865	C	210/8¼	0.4 x 6	1 x 2	10-3572		B	250/10	0.8 x 6	-	10-3596	
A	180/7	0.8 x 6	-	10-3561	10-3861	C	210/8¼	0.8 x 6	1 x 2	10-3573							
B	180/7	0.8 x 6	-	10-3566	10-3866	A	230/9	0.4 x 6	-	10-3580							
C	180/7	0.4 x 6	1 x 2	10-3562		B	230/9	0.4 x 6	-	10-3585							
C	180/7	0.8 x 6	1 x 2	10-3563		A	230/9	0.8 x 6	-	10-3581							



Tying

without platform

SAPPHIRE™
Enhanced Needle Grip Surface

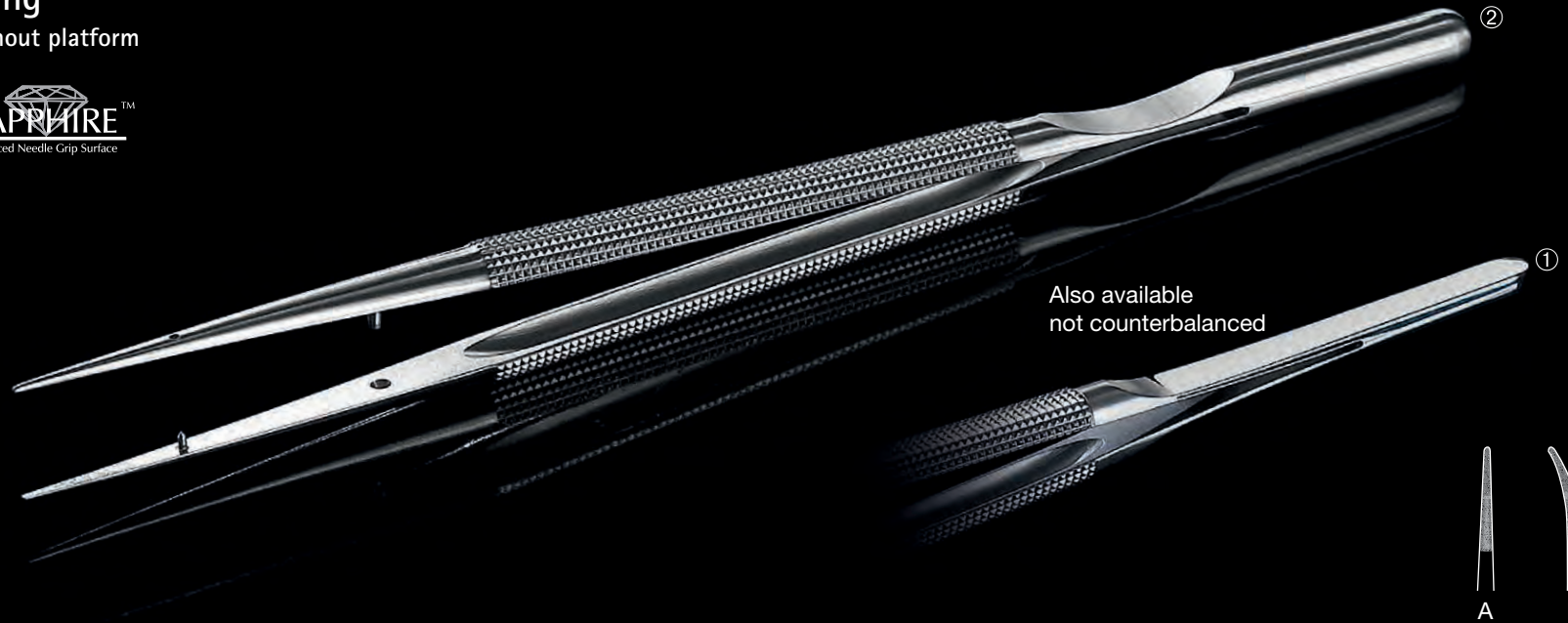


Fig.	Length mm/"	Jaw mm	Art.-No. ①	Art.-No. ②	Fig.	Length mm/"	Jaw mm	Art.-No. ①	Art.-No. ②
A	150/6	0.4	10-3510	–	A	210/8¼	0.4	10-3530	10-3830
A	150/6	0.8	10-3511	–	B	210/8¼	0.4	10-3535	10-3835
A	180/7	0.4	10-3520	10-3820	A	210/8¼	0.8	10-3531	10-3831
B	180/7	0.4	10-3525	10-3825	B	210/8¼	0.8	10-3536	10-3836
A	180/7	0.8	10-3521	10-3821					
B	180/7	0.8	10-3526	10-3826					

Titanium Ring Tip

counter balanced


SAPPHIRE™
Enhanced Needle Grip Surface

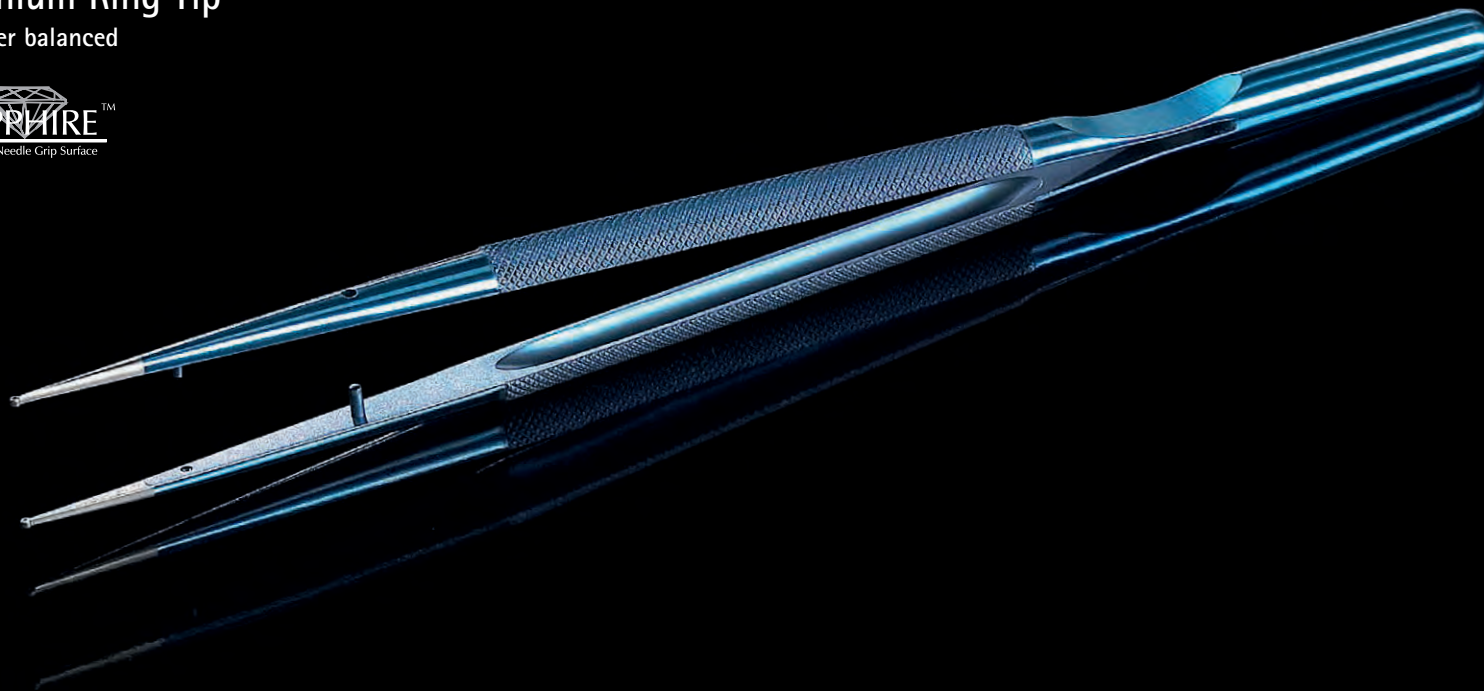


Fig.	Length mm / "	Ring Ø mm	Art.-No.
B	180/7	0.5 x 1.0	10-4000
B	210/8¼	0.5 x 1.0	10-4001
B	230/9	0.5 x 1.0	10-4002
B	250/10	0.5 x 1.0	10-4003



Ring Tip

SAPPHIRE™
Enhanced Needle Grip Surface

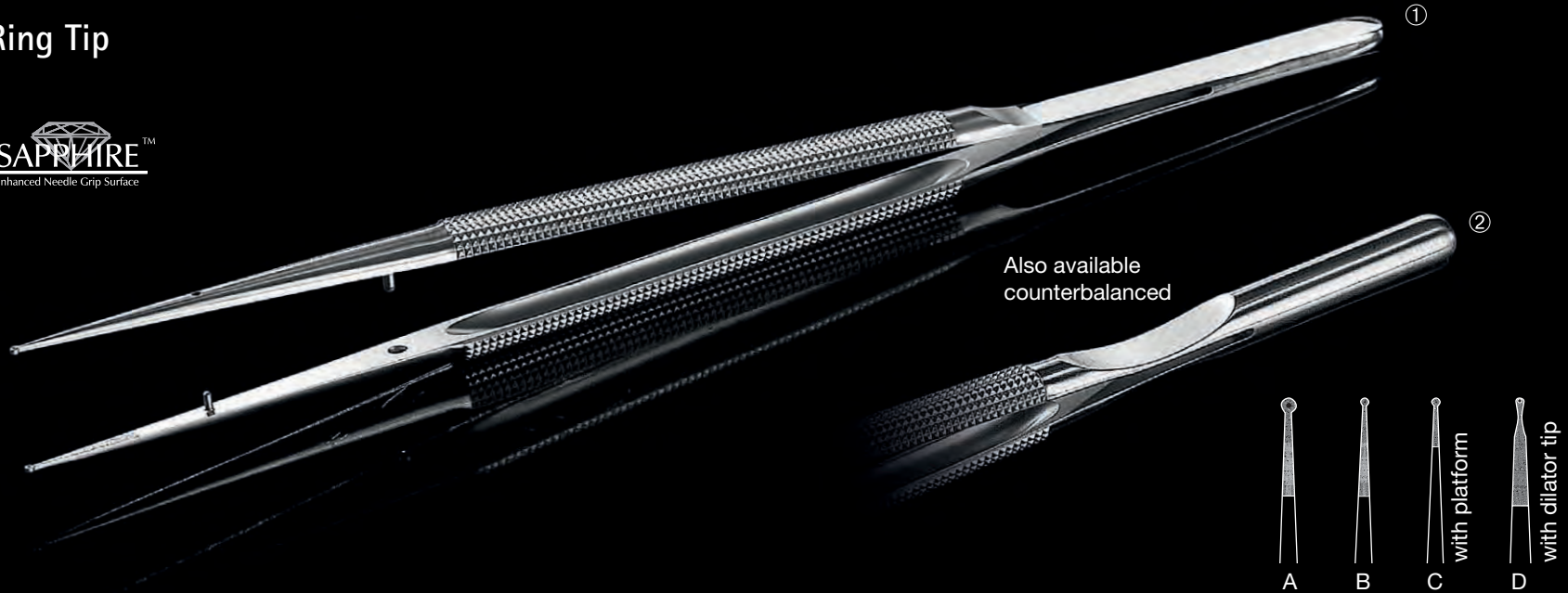


Fig.	Length mm/"	Ring Ø mm	Art.-No. ①	Art.-No. ②	Fig.	Length mm/"	Ring Ø mm	Art.-No. ①	Art.-No. ②
A	150/6	1.3 x 2.0	10-3615	10-3915	B	210/8¼	0.5 x 1.0	10-3630	10-3930
A	180/7	1.3 x 2.0	10-3625	10-3925	B	230/9	0.5 x 1.0	10-3640	10-3940
A	210/8¼	1.3 x 2.0	10-3635	10-3935	B	250/10	0.5 x 1.0	10-3646	10-3946
A	230/9	1.3 x 2.0	10-3645	10-3945	C	180/7	0.5 x 1.0	10-3621	
A	250/10	1.3 x 2.0	10-3647	10-3947	C	210/8¼	0.5 x 1.0	10-3631	
B	150/6	0.5 x 1.0	10-3610	10-3910	C	230/9	0.5 x 1.0	10-3641	
B	180/7	0.5 x 1.0	10-3620	10-3920	D	180/7	0.5 x 1.0	10-3620D	10-3920D

Titanium Ring Tip

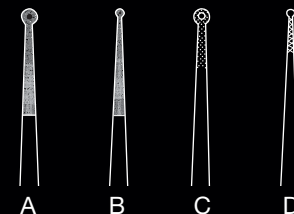
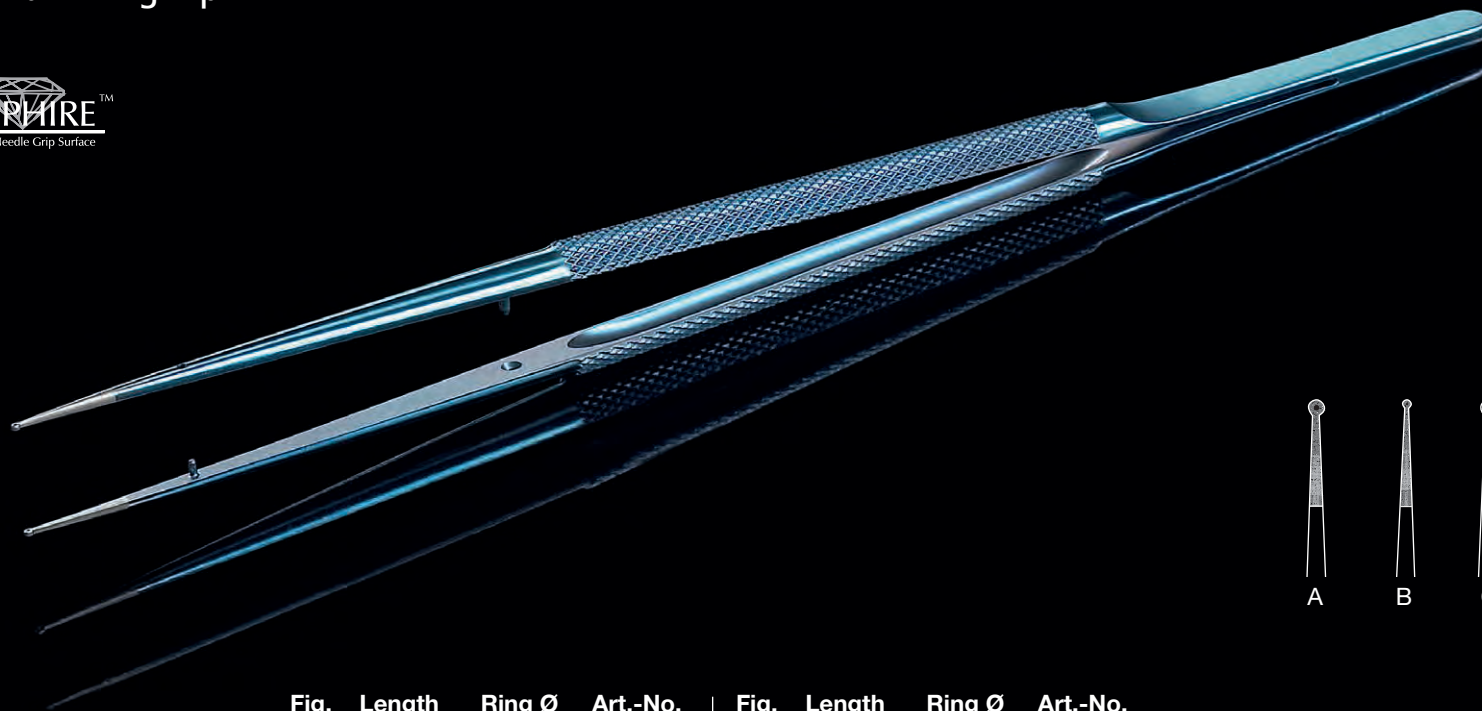


Fig.	Length mm/"	Ring Ø mm	Art.-No.	Fig.	Length mm/"	Ring Ø mm	Art.-No.
A	150/6	1.3 x 2.0	10-4011	B	150/6	0.5 x 1.0	10-4021
A	180/7	1.3 x 2.0	10-4013	B	180/7	0.5 x 1.0	10-4023
A	210/8¼	1.3 x 2.0	10-4031	B	210/8¼	0.5 x 1.0	10-4033
C	150/6	1.3 x 2.0	10-4015*	D	150/6	0.5 x 1.0	10-4025*
C	180/7	1.3 x 2.0	10-4016*	D	180/7	0.5 x 1.0	10-4026*

* ring serrated, without SAPPHIRE™
(Fig.C and D)

Please add ".GB" behind Art.-No. for
curved version (e.g. 10-4023.GB)



Micro Tissue Forceps

with DeBakey Jaws

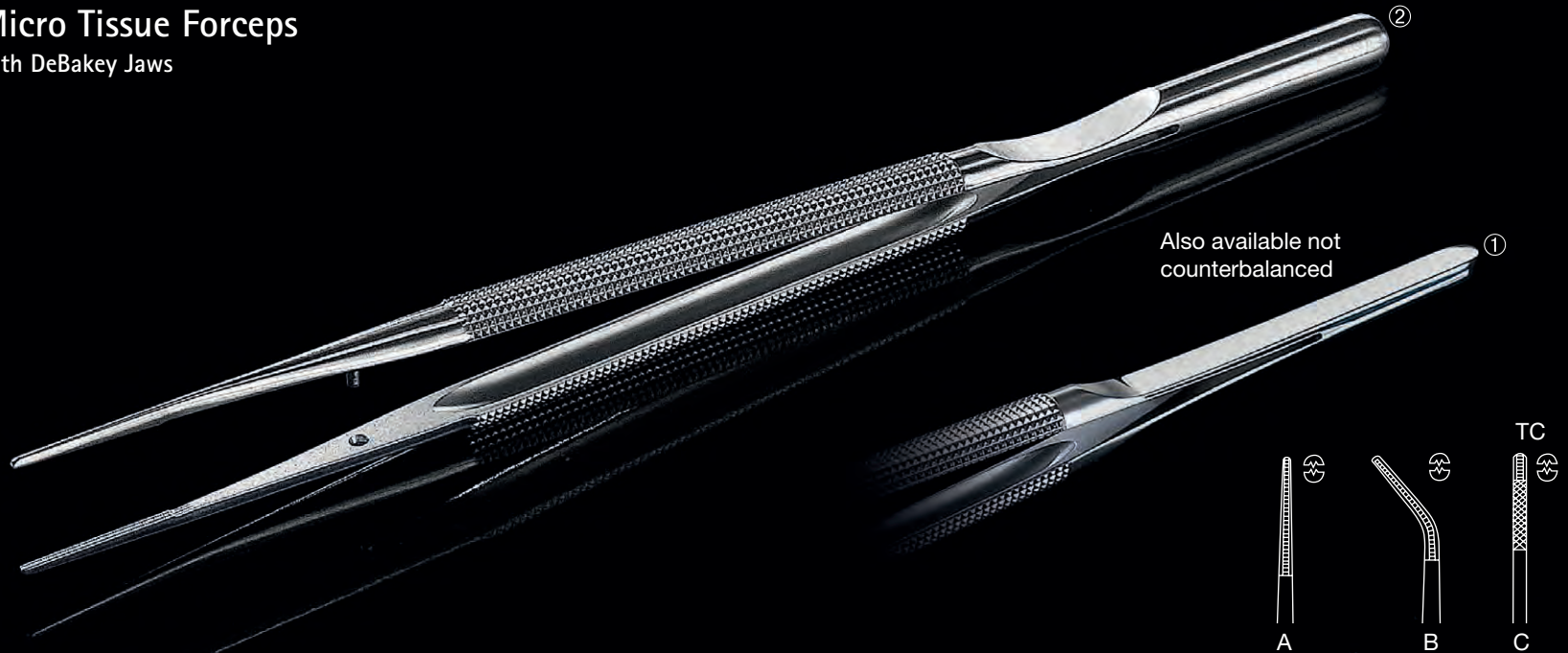


Fig.	Length mm / "	Jaw mm	Art.-No. ①	Art.-No. ②	Fig.	Length mm / "	Jaw mm	Art.-No. ①	Art.-No. ②
A	150/6	1.0	10-3410	10-3710	A	230/9	1.0	10-3440	—
A	180/7	1.0	10-3420	10-3720	B	230/9	1.0	10-3445	—
B	180/7	1.0	10-3425	10-3725	for needle pulling:				
A	210/8¼	1.0	10-3430	10-3730	C	180/7	1.5	10-3649	—
B	210/8¼	1.0	10-3435	10-3735	C	180/7	2.0	10-3650	—

Micro Tissue Forceps Titanium

with DeBakey Jaws

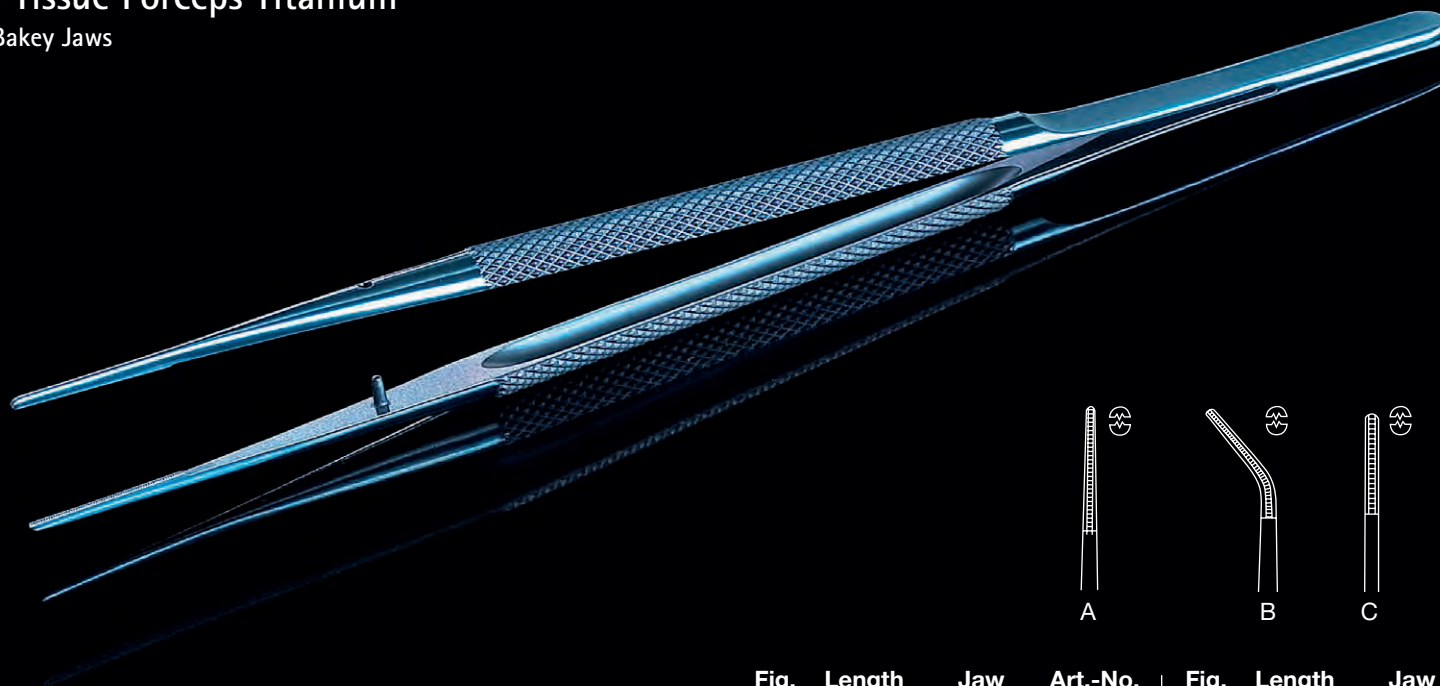


Fig.	Length mm / "	Jaw mm	Art.-No.	Fig.	Length mm / "	Jaw mm	Art.-No.
A	150/6	1.0	10-4090	A	210/8¼	1.0	10-4100
B	150/6	1.0	10-4091	B	210/8¼	1.0	10-4101
A	180/7	1.0	10-4095	C	210/8¼	1.8	10-4102
B	180/7	1.0	10-4096				
C	180/7	1.8	10-4098				
D	180/7	1.8	10-4099				



MANUFACTURER

Manufacturing and craftsmanship know-how passed down for generations.

Our company was founded in 1984. From the beginning we had the goal to supply the surgical industry and the surgeons worldwide with outstanding products to support them in the care of their patients.

Today we are one of the leading German manufacturers of surgical instruments and accessories for cardiac, thoracic and vascular surgery, as well as neurosurgery and electrosurgery. Our extensive range of more than 20000 quality products for operative surgery is distributed in over 95 countries around the globe. Skilled craftsmanship and

technological competence are the basics for the measurable quality of every single instrument, which leaves our facility.

Integrity guides our conduct toward our customers, business partners and the general public. We share the core values of lived tradition with the steady pursuit of technological progress and take on our social and environmental responsibility in a global economy. Reliability, quality, service and innovation make us a preferred partner for health-care professionals worldwide.





Ultra-lightweight Instruments for extremely delicate surgery.

- Totally new look and feel
- Lasting stainless steel framework structure
- Innovative modular construction
- Ergonomic round shell handles with perforations
- ultra-lightweight, comparable to the weight of titanium instruments
- Excellent haptic and unmatched precise control
- Easy cleaning and maintenance
- Nylon color coding

Nylon color coding:

black handle	blue handle	lilac handle	red handle	white handle	yellow handle
XX-XXXX/ N	XX-XXXX/ B	XX-XXXX/ P	XX-XXXX/ R	XX-XXXX/ W	XX-XXXX/ Y

Black + White Special Edition
XX-XXXX/**WK**

German Colors Special Edition
XX-XXXX/**RKG**

41-3210



41-4508/R

41-2205/N



41-4507/Y

Micro Tissue Forceps

ultra-lightweight, straight

Art.-No.	length mm	Tip mm
41-3208	200	0,8
41-3209	200	0,4
41-3210	220	0,8
41-3211	220	0,4
41-3215	240	0,8
41-3216	240	0,4

Tumour Grasping Forceps

ultra-lightweight

Art.-No.	length mm	Tip mm
41-3228	210	2,5
41-3229	210	3,5
41-3230	240	2,5
41-3231	240	3,5

ultra-lightweight, serrated

Art.-No.	length mm	Tip mm
41-3240	210	2,5
41-3241	210	3,5
41-3245	240	2,5
41-3246	240	3,5

Micro-Needle Holder

ultra-lightweight, straight,
without ratchet, Sapphire™

Art.-No.	length mm	Insert / Tip mm
41-2205	200	◊ 0,4 x 11
41-2207	220	◊ 0,4 x 11
41-2210	240	◊ 0,4 x 11

ultra-lightweight, curved,
without ratchet, Sapphire™

Art.-No.	length mm	Insert / Tip mm
41-2206	200	◊ 0,8
41-2208	220	◊ 0,8
41-2211	240	◊ 0,8

Micro-Scissors

ultra-lightweight, straight

Art.-No.	length mm
41-4506	200
41-4508	220
41-4510	240
41-4515	270

ultra-lightweight, curved

Art.-No.	length mm
41-4507	200
41-4509	220
41-4511	240
41-4516	270

* **bold** = shown



Structurae™ Micro Scissors



03-1133



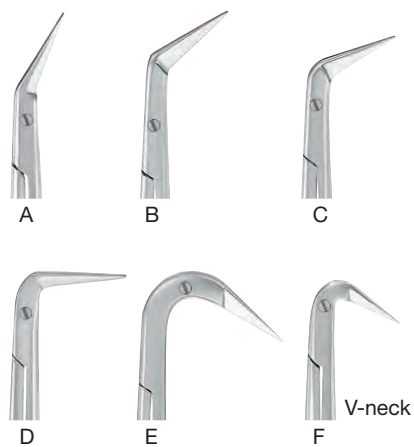
03-1133/RKG



03-1133/WK



03-1133/R



Micro Scissors

Fig.	Art.-No.	length mm	angle
A	03-1131	170	25°
B	03-1133	170	45°
C	03-1135	170	60°
D	03-1137	170	90°
E	03-1139	170	125°
F	03-1139V	170	125°

* **bold** = shown



03-3300



03-3191



03-3175



Hepp-Scheidel Needle Holder

ultra-lightweight, straight, Sapphire™

Art.-No.	length mm	Insert / Tip mm
03-3300	180	◊ 1,2
03-3300.02	180	◊ 0,2
03-3300.04	180	◊ 0,4
03-3300.08	180	◊ 0,8

for sutures 8-0
and smaller



for sutures 6-0
and smaller



Micro Needle Holders

ultra-lightweight, without ratchet, Sapphire™

Fig.	Art.-No.	length mm	Insert / Jaw mm
A	03-3170	180	◊ 0,4 x 11
B	03-3171	180	◊ 0,4 x 11
C	03-3180	180	◊ 0,8 x 11
D	03-3181	180	◊ 0,8 x 11
A	03-3190	205	◊ 0,4 x 11
B	03-3191	205	◊ 0,4 x 11
C	03-3200	205	◊ 0,8 x 11
D	03-3201	205	◊ 0,8 x 11
A	03-3210	230	◊ 0,4 x 11
B	03-3211	230	◊ 0,4 x 11
C	03-3220	230	◊ 0,8 x 11
D	03-3221	230	◊ 0,8 x 11

ultra-lightweight, with ratchet, Sapphire™

Fig.	Art.-No.	length mm	Insert / Jaw mm
A	03-3175	180	◊ 0,4 x 11
B	03-3176	180	◊ 0,4 x 11
C	03-3185	180	◊ 0,8 x 11
D	03-3186	180	◊ 0,8 x 11
A	03-3195	205	◊ 0,4 x 11
B	03-3196	205	◊ 0,4 x 11
C	03-3205	205	◊ 0,8 x 11
D	03-3206	205	◊ 0,8 x 11
A	03-3215	230	◊ 0,4 x 11
B	03-3216	230	◊ 0,4 x 11
C	03-3225	230	◊ 0,8 x 11
D	03-3226	230	◊ 0,8 x 11

* **bold** = shown



10-6620

41-3200/N

10-6620/R

10-6622/Y

10-6620/P



10-6622/B

10-6622/WK

Micro Ring Forceps

ultra-lightweight, straight, Sapphire™

Art.-No.	length mm	Insert / Jaw mm
10-6620	180	◊ 0,5 x 1
10-6622	210	◊ 0,5 x 1

Micro Forceps

with DeBakey Jaws, ultra-lightweight, straight

Art.-No.	length mm	Tip mm
10-6630	180	1
10-6632	180	1,5
10-6640	210	1
10-6642	210	1,5

* **bold** = shown

Micro Forceps

ultra-lightweight, straight

Art.-No.	length mm	Tip mm	teeth	Insert
41-3200	180	0,8		◊
41-3201	180	0,4		◊
41-3202	180	0,2		◊
41-3205	180	0,8	1 x 2	
41-3207	180	1,2	1 x 2	

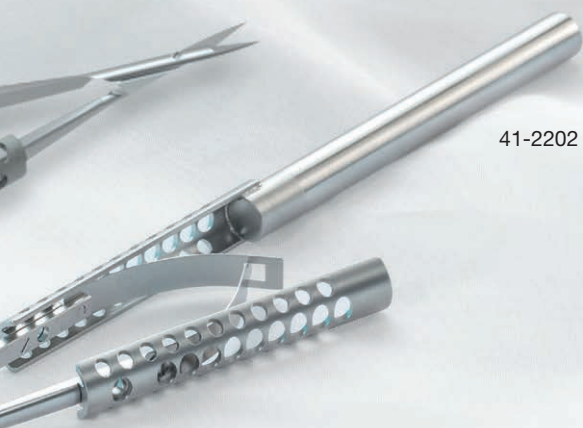
ultra-lightweight, curved

Art.-No.	length mm	Tip mm	teeth
41-3206	180	0,8	1 x 2



41-4500





One Finger-Micro Scissors

ultra-lightweight, straight

Art.-No.	length mm
41-4500	170
41-4502	200

ultra-lightweight, curved

Art.-No.	length mm
41-4501	170
41-4503	200

One Finger-Micro Needle Holders

ultra-lightweight, straight, Sapphire™

Art.-No.	length mm	Insert
41-2200	170	◊
41-2202	200	◊

ultra-lightweight, curved, Sapphire™

Art.-No.	length mm	Insert
41-2201	170	◊
41-2203	200	◊

* **bold** = shown



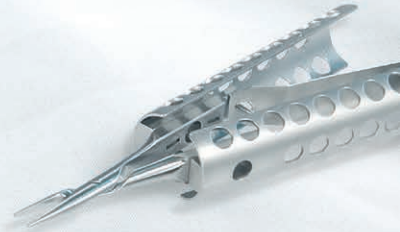
75-1000



75-1001



75-1101





75-1100



75-1200


- Ultra-fine instruments for micro vessel-, nerve- and hand-surgery
- Maximum control and precision through ergonomic perforated handle
- Perfect balance and firm position in the hand through stabilization rod
- Even lighter than most titanium instruments

Nano Tying Forceps

ultra-lightweight, straight, Sapphire™

Art.-No.	length mm	Insert
75-1000	150	

ultra-lightweight, curved, Sapphire™

Art.-No.	length mm	Insert
75-1001	150	

Nano Scissors

ultra-lightweight, straight

Art.-No.	length mm
75-1100	150

ultra-lightweight, curved

Art.-No.	length mm
75-1101	150

Nano Needle Holders

ultra-lightweight, straight, Sapphire™

Art.-No.	length mm	Insert
75-1200	150	

ultra-lightweight, curved, Sapphire™

Art.-No.	length mm	Insert
75-1201	150	

* bold = shown





Get in touch with Fairgrip™

Unmatched feel and control are brought from the fairway to your OR. The Fairgrip™ ergonomic instrument handles with the new dimple knurling similar to the design of golfballs offer a completely new experience of precision, sensitivity and control during microsurgical operations and help to reduce fatigue. Needle Holders and Ring Forceps feature the Sapphire™ enhanced needle grip surface on their jaws for the most secure needle grip.



Fairgrip™ Hepp-Scheidel Needle Holder
Sapphire™ jaws, dimple knurling (golfball design)

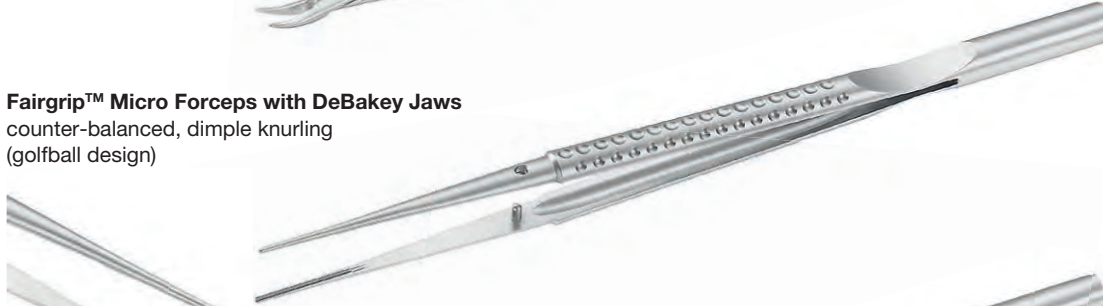


Fairgrip™ Hepp-Scheidel Needle Holder

1.2 mm tip recommended for needles 5-0 and smaller,
0.8 mm tip recommended for needles 6-0 and smaller,
0.4 mm tip recommended for needles 8-0 and smaller.

03-0272	1.2 mm tip	18 cm	straight
03-0272.08	0.8 mm tip	18 cm	straight
03-0272.04	0.4 mm tip	18 cm	straight
03-0273	1.2 mm tip	18 cm	curved
03-0273.08	0.8 mm tip	18 cm	curved
03-0273.04	0.4 mm tip	18 cm	curved

Fairgrip™ Micro Forceps with DeBakey Jaws
counter-balanced, dimple knurling (golfball design)



Fairgrip™ Micro Forceps with DeBakey Jaws

10-6120	1.0 mm tip	18 cm	straight
10-6122	1.0 mm tip	21 cm	straight

Fairgrip™ Micro Ring Forceps
counter-balanced, Sapphire™ jaws, dimple knurling (golfball design)



Fairgrip™ Micro Ring Forceps

10-6110	0.5 x 1.0 mm tip	18 cm	straight
10-6112	0.5 x 1.0 mm tip	21 cm	straight

Fairgrip™ Micro Tying Forceps
counter-balanced, Sapphire™ jaws, dimple knurling (golfball design)



Fairgrip™ Micro Tying Forceps (platform)

10-6130	0.8 mm tip	18 cm	straight
10-6131	0.4 mm tip	18 cm	straight
10-6132	0.8 mm tip	21 cm	straight
10-6133	0.4 mm tip	21 cm	straight
10-6140	0.8 mm tip 1x2t.	18 cm	straight
10-6141	0.4 mm tip 1x2t.	18 cm	straight



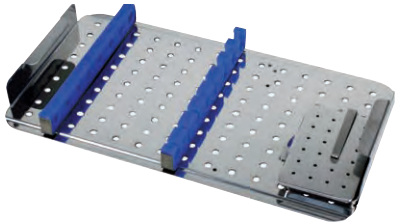
01-1650

Reconstructive Surgery Set

GEISTER®



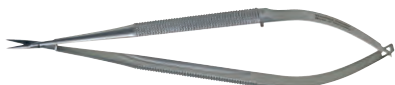
77-0090



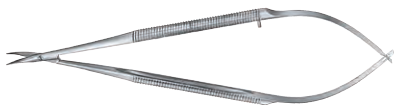
77-0091



03-0112



03-0090



03-0091



10-3038



10-3020



10-3023



10-3200



75-0072



75-0398



75-0400



75-0325



75-0416



75-0418



75-0326

Basic Reconstructive Surgery Set

01-1650 Set complete, includes

03-0090 Scissors round handle Ø 8 mm /
Length 150 mm, straight03-0091 Scissors round handle Ø 8 mm /
Length 150 mm, curved03-0112 Needle Holder round handle Ø 8 mm /
Length 150 mm, curved10-3020 Forceps round handle Ø 8 mm /
Length 150 mm, straight10-3023 Forceps round handle Ø 8 mm /
Length 150 mm, straight
Pierce bore Ø 0.3 mm10-3038 Forceps round handle Ø 8 mm /
Length 150 mm, curved

10-3200 Dilator 110 mm, 10° angulated

75-0072 Applying Forceps 140 mm, straight

75-0398 Single Clamps B-2V, 2 pieces/package

75-0400 Single Clamps B-3V, 2 pieces/package

75-0325 Single Clamps HD-SV, 2 pieces/package

75-0416 Double Clamps ABB-2V, 1 piece/package

75-0418 Double Clamps ABB-3V, 1 piece/package

75-0326 Double Clamps HD-DV, 1 piece/package

77-0090 Instrument Case 130x230x25 mm

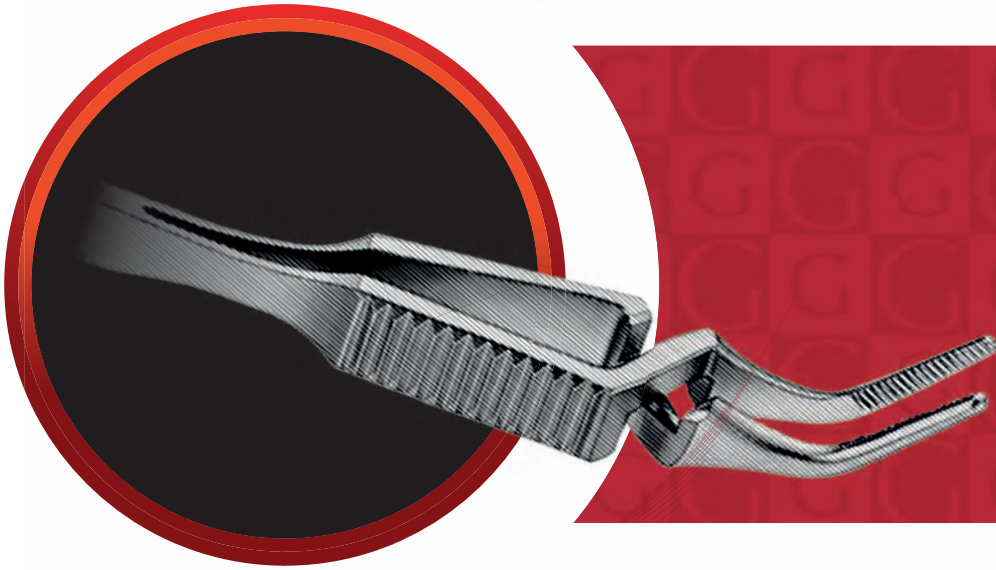
77-0091 Rack for 8 Instruments with Clamp Box



LIKE GOLD TO YOUR EYES, DIFFERENCE IN YOUR HANDS!

A large selection of micro instruments, scissors, needle holders, clamps, retractors, hooks etc. out of the wide **GEISTER®** product range are now optionally available in the attractive **PANDOR™** black&gold design. Please contact customer service for brochure and all available patterns.

PANDOR™
Instruments

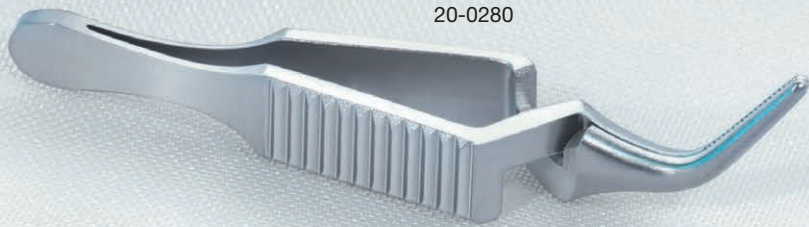


Bulldog Clamps





Micro Bulldog Clamps for Transient Vascular Occlusion



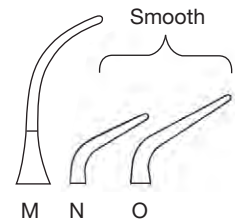
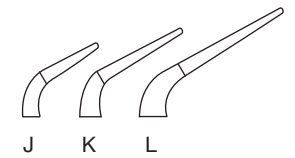
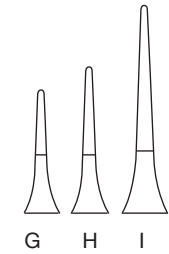
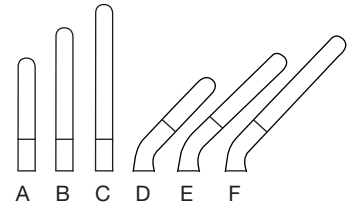
20-0280



20-0502



20-0214





Featherlight

Fig.	Art.-No.	Length mm / "	Length of Jaws mm	Weight g	Force g
A	20-0200	31 / 1¼	10	1	170
B	20-0204	35 / 1½	12	1	150
C	20-0208	39 / 1½	16	1	120
D	20-0210	30 / 1¼	10	1	170
E	20-0214	33 / 1¼	12	1	150
F	20-0218	36 / 1½	16	1	120



Diethrich

Strong

Fig.	Art.-No.	Length mm / "	Length of Jaws mm	Weight g	Force g
G	20-0270	48 / 1¾	8	3	170
H	20-0271	53 / 2	12	3	190
I	20-0272	59 / 2¼	17	3	200
J	20-0280	43 / 1½	8	3	215
K	20-0281	47 / 1¾	12	3	215
L	20-0282	50 / 2	19	3	210
M	20-0283	54 / 2	16	3	200
N	20-0285	44 / 1¾	13	3	200
O	20-0286	47 / 1¾	18	3	200

Standard

Fig.	Art.-No.	Length mm / "	Length of Jaws mm	Weight g	Force g
G	20-0300	48 / 1¾	8	3	90
H	20-0301	53 / 2	12	3	95
I	20-0302	59 / 2¼	17	3	90
J	20-0310	43 / 1½	8	3	95
K	20-0311	47 / 1¾	12	3	75
L	20-0312	50 / 2	19	3	90
M	20-0313	54 / 2	16	3	90
N	20-0315	44 / 1¾	13	3	100
O	20-0316	47 / 1¾	18	3	75



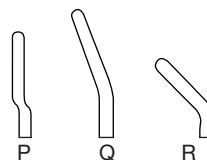
Schwartz

Stainless Steel

Fig.	Art.-No.	Length mm / "	Length of Jaws mm
P	20-0500	26 / 1	10
Q	20-0501	27 / 1	12
R	20-0502	25 / 1	12

Titanium

Fig.	Art.-No.	Length mm / "	Length of Jaws mm
P	20-0500.TI	26 / 1	10
Q	20-0501.TI	27 / 1	12
R	20-0502.TI	25 / 1	12



S 1/3



20-0505.TI
Schwartz Applying Forceps

Schwartz Applying Forceps

Stainless Steel

Fig.	Art.-No.	Length mm / "
	20-0505	190 / 7½

Titanium

Art.-No.	Length mm / "
20-0505.TI	190 / 7½

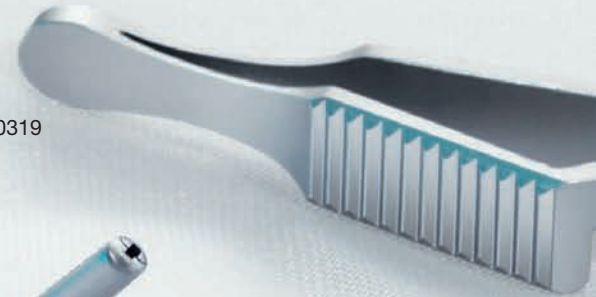


Micro and Atraumatic Bulldog Clamps for Transient Vascular Occlusion



20-0346

20-0319



20-0349
Wickham Applying Forceps

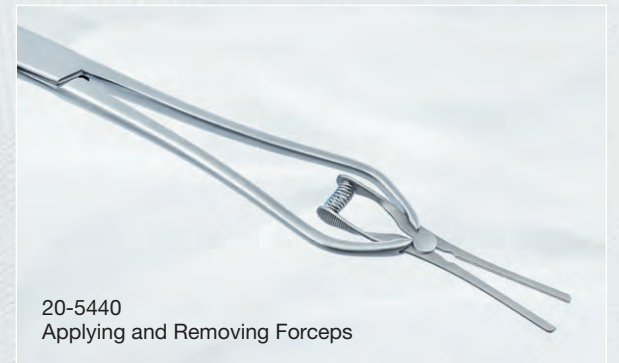
Micro and Atraumatic Bulldog Clamps for Transient Vascular Occlusion

GEISTER®

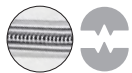


20-5457

20-0403



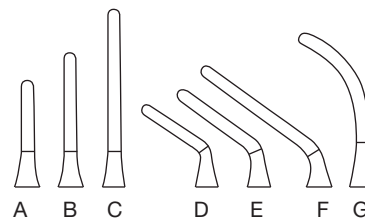
20-5440
Applying and Removing Forceps



Diethrich

with DeBaKey Jaws

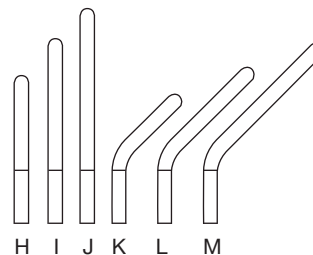
Fig.	Art.-No.	Length mm / "	Length of Jaws mm	Weight g	Force g
A	20-0318	47 / 1¾	10	3	180
B	20-0320	51 / 2	14	3	180
C	20-0322	57 / 2¼	20	3	180
D	20-0319	44 / 1¾	10	3	180
E	20-0321	46 / 1¾	14	3	180
F	20-0323	51 / 2	20	3	180
G	20-0324	54 / 2	20	3	180



Wickham

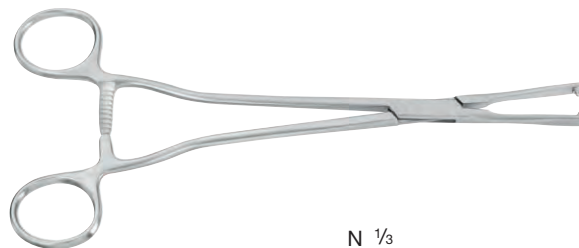
with Cooley Jaws

Fig.	Art.-No.	Length mm / "	Length of Jaws mm	Weight g	Force g
H	20-0340	49 / 2	11	3	230
I	20-0341	54 / 2	16	3	170
J	20-0342	58 / 2¼	21	3	170
K	20-0345	47 / 1¾	11	3	170
L	20-0346	50 / 2	16	3	230
M	20-0347	53 / 2	21	3	170



Wickham Applying Forceps

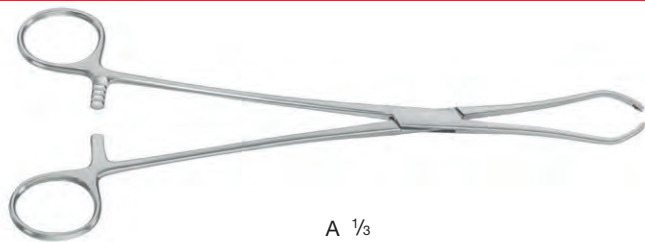
Fig.	Art.-No.	Length mm / "
N	20-0349	230 / 9



N 1/3

Micro Bulldog Clamps for Transient Vascular Occlusion

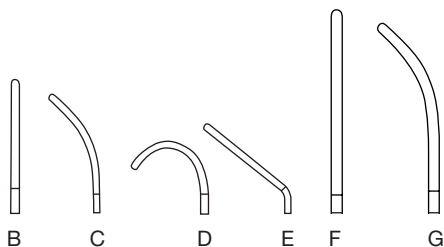
GEISTER®



A 1/3

Applying and Removing Forceps

Fig.	Art.-No.	Length mm / "
A	20-5440	240 / 9½



B C D E F G



Weldon (Mini-Glover)

Fig.	Art.-No.	Length mm / "	Length of Jaws mm	Weight g
B	20-0400	35 / 1½	14	1.2
C	20-0401	35 / 1½	14	1.2
D	20-0402	29 / 1¼	14	1.2
E	20-0403	31 / 1¼	14	1.2
F	20-0405	47 / 1¾	17	1.6
G	20-0406	45 / 1¾	17	1.6



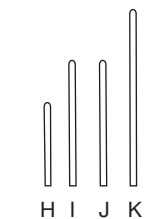
Titanium (Mini-Glover)

Available with low occlusion pressure (approx. 110 g) for veins (marked with V) and high occlusion pressure (approx. 220 g) for arteries (marked with A).

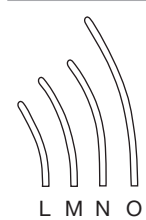


Titanium Weldon (Mini-Glover)

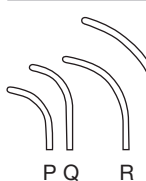
Fig.	Art.-No.	Length mm / "	Length of Jaws mm	Weight g	Type
H	20-5450	30 / 1¼	13	0.8	V
H	20-5451	30 / 1¼	13	0.8	A
I	20-5452	35 / 1½	18	0.8	V
I	20-5453	35 / 1½	18	0.8	A
J	20-5454	40 / 1½	18	0.8	V
J	20-5455	40 / 1½	18	0.8	A
K	20-5456	48 / 1¾	28	0.8	V
K	20-5457	48 / 1¾	28	0.8	A
L	20-5460	30 / 1¼	13	0.8	V
L	20-5461	30 / 1¼	13	0.8	A
M	20-5462	35 / 1½	18	0.8	V
M	20-5463	35 / 1½	18	0.8	A
N	20-5464	40 / 1½	18	0.8	V
N	20-5465	40 / 1½	18	0.8	A
O	20-5466	48 / 1¾	25	0.8	V
O	20-5467	48 / 1¾	25	0.8	A
P	20-5470	30 / 1¼	12	0.8	V
P	20-5471	30 / 1¼	12	0.8	A
Q	20-5472	35 / 1½	17	0.8	V
Q	20-5473	35 / 1½	17	0.8	A
R	20-5474	40 / 1½	17	0.8	V
R	20-5475	40 / 1½	17	0.8	A
S	20-5476	45 / 1¾	23	0.8	V
S	20-5477	45 / 1¾	23	0.8	A



H I J K



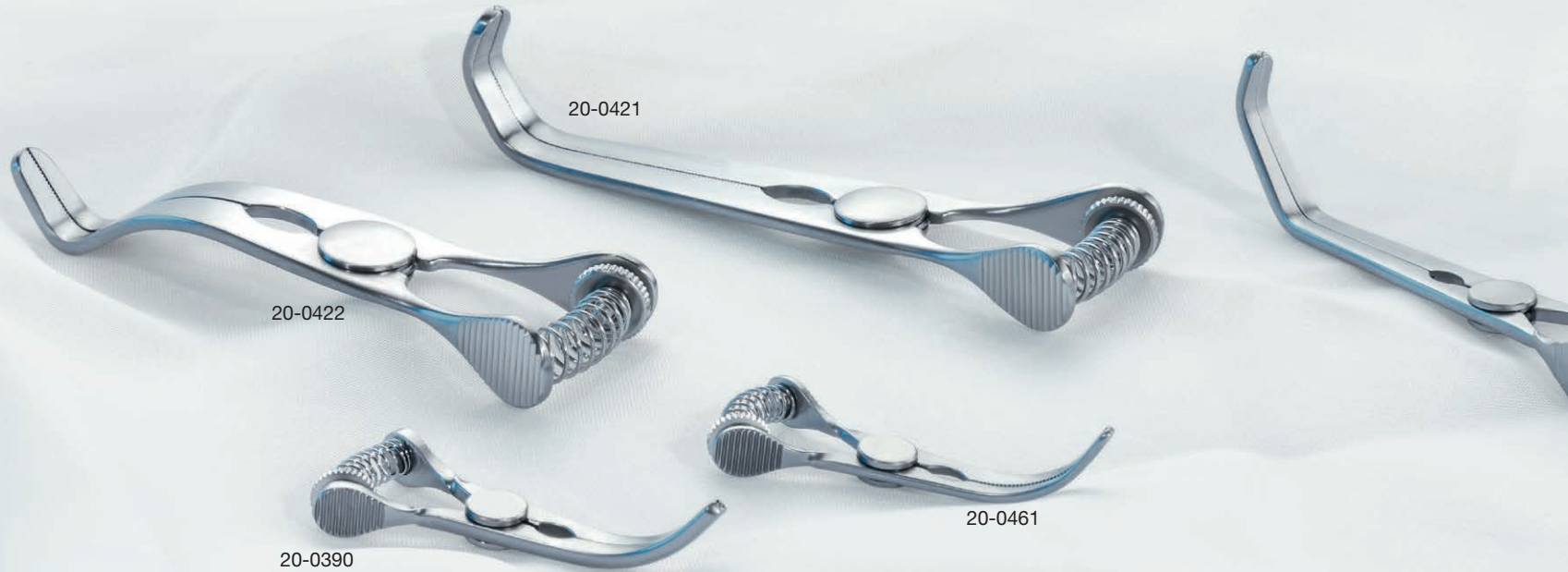
L M N O



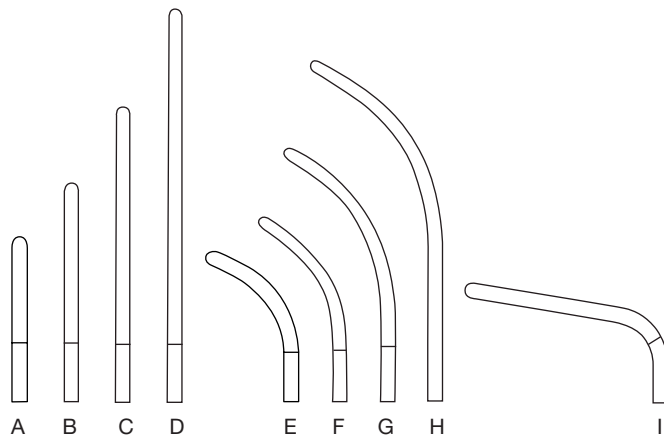
P Q R S



Atraumatic Bulldog Clamps for Transient Vascular Occlusion



Adjustable closing pressure

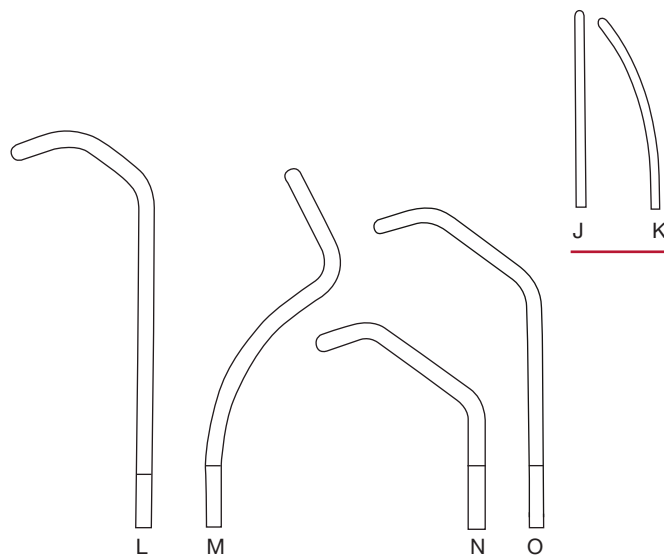


Glover (delicate)

with DeBailey Jaws

Fig.	Art.-No.	Length mm / "	Length of Jaws mm	Weight g
A	20-0388	40 / 1½	16	5
B	20-0380	50 / 2	20	5
C	20-0381	70 / 2¾	32	9
D	20-0382	85 / 3¼	48	12
E	20-0389	36 / 1½	16	5
F	20-0390	46 / 1¾	20	5
G	20-0391	64 / 2½	35	9
H	20-0392	78 / 3	50	12
I	20-0395	55 / 2¼	25	7

20-0420



Jacobsen Micro

Fig.	Art.-No.	Length mm / "	Length of Jaws mm
J	20-0460	50 / 2	22
K	20-0461	46 / 1¾	18



Satinsky

with DeBailey Jaws

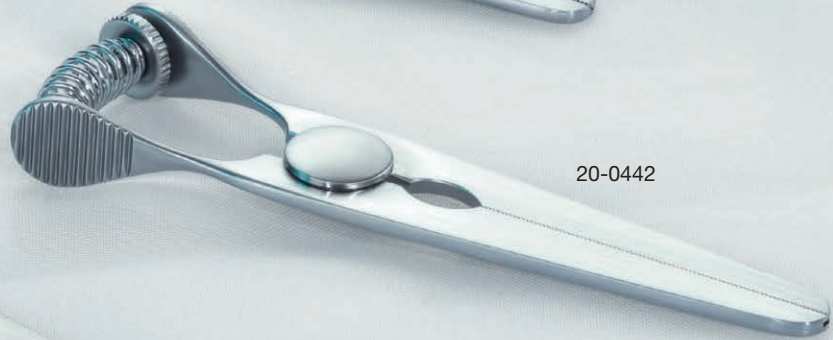
Fig.	Art.-No.	Length mm / "	Length of Jaws mm
L	20-0421	100 / 4	58
M	20-0422	88 / 3½	41
N	20-0419	55 / 2¼	30
O	20-0420	70 / 2¾	48

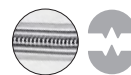
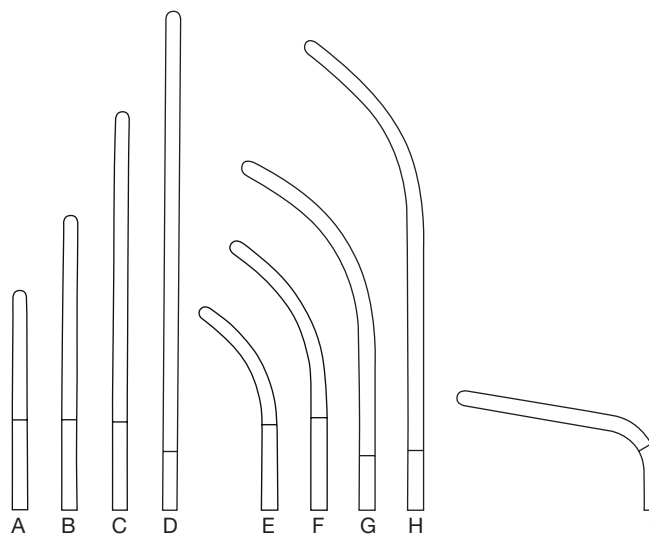


Atraumatic Bulldog Clamps for Transient Vascular Occlusion



Adjustable
closing pressure





Glover

with DeBakey Jaws, heavy pattern, straight

Fig.	Art.-No.	Length mm / "	Length of Jaws mm
A	20-0450	70 / 2¾	18
B	20-0451	80 / 3¼	27
C	20-0452	95 / 3¾	43
D	20-0453	115 / 4½	60

curved

Fig.	Art.-No.	Length mm / "	Length of Jaws mm
E	20-0455	65 / 2½	20
F	20-0456	75 / 3	30
G	20-0457	85 / 3¼	43
H	20-0458	105 / 4¼	60
I	20-0459	60 / 2½	27



Glover

with Cooley Jaws, heavy pattern, straight

Fig.	Art.-No.	Length mm / "	Length of Jaws mm
A	20-0440	70 / 2¾	18
B	20-0441	80 / 3¼	28
C	20-0442	95 / 3¾	42
D	20-0443	115 / 4½	60

curved

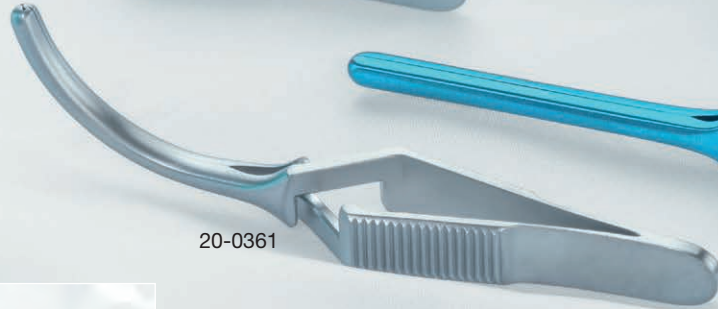
Fig.	Art.-No.	Length mm / "	Length of Jaws mm
E	20-0445	65 / 2½	18
F	20-0446	75 / 3	28
G	20-0447	85 / 3¼	42
H	20-0448	105 / 4¼	60
I	20-0449	60 / 2½	28



Atraumatic Bulldog Clamps for Transient Vascular Occlusion

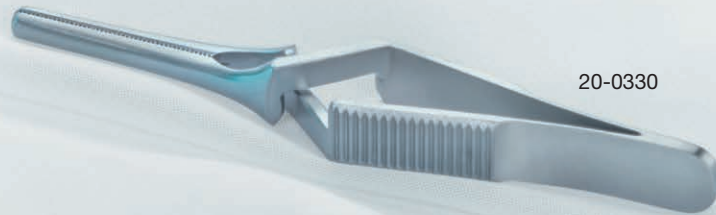


20-0375



20-0361

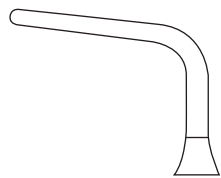
20-0352.T1



20-0330



20-0378
Applying Forceps



A



Santulli

with DeBakey Jaw

Fig.	Art.-No.	Length mm / "	Length of Jaw mm
A	20-0375	75 / 3	30

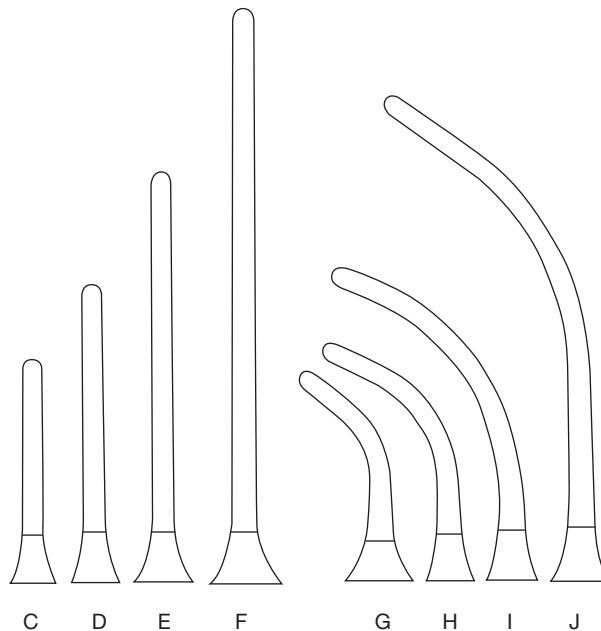


B 1/3

Applying Forceps

for cross-action bulldog clamps

Fig.	Art.-No.	Length mm / "
B	20-0378	245 / 9¾



C

D

E

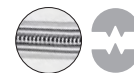
F

G

H

I

J



DeBakey-type

with DeBakey Jaws, Stainless Steel

Fig.	Art.-No.	Length mm / "	Length of Jaws mm
C	20-0350	80 / 3¼	25
D	20-0351	90 / 3½	35
E	20-0352	105 / 4¼	50
F	20-0353	125 / 5	68
G	20-0360	75 / 3	25
H	20-0361	85 / 3¼	35
I	20-0362	95 / 3¾	50
J	20-0363	115 / 4½	68

Titanium

Fig.	Art.-No.	Length mm / "	Length of Jaws mm
C	20-0350.TI	80 / 3¼	25
D	20-0351.TI	90 / 3½	35
E	20-0352.TI	105 / 4¼	50
F	20-0353.TI	125 / 5	68
G	20-0360.TI	75 / 3	25
H	20-0361.TI	85 / 3¼	35
I	20-0362.TI	95 / 3¾	50
J	20-0363.TI	115 / 4½	68



Cooley-type

with Cooley Jaws

Fig.	Art.-No.	Length mm / "	Length of Jaws mm
C	20-0330	80 / 3¼	24
D	20-0331	90 / 3½	34
E	20-0332	105 / 4¼	47
F	20-0333	125 / 5	68
G	20-0336	75 / 3	24
H	20-0337	85 / 3¼	34
I	20-0338	95 / 3¾	47
J	20-0339	115 / 4½	68

* bold = shown



QUALITY GUARANTEE

Experience why German workmanship enjoys a solid reputation in the surgical field since over a century.

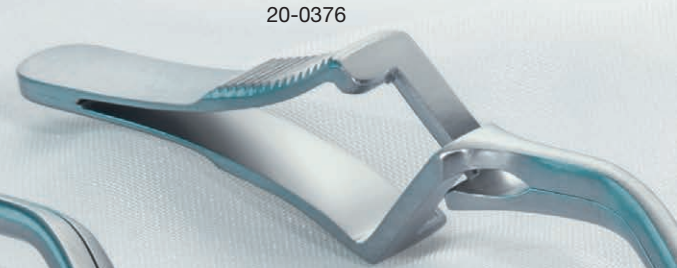
We take commitments to earn the opportunity and the trust to serve the needs of today's healthcare professionals and will manufacture and distribute cost-effective, reliable and highest quality solutions for today's challenging healthcare environment. GEISTER® offers to its customers a range of more than 20.000 different articles - a huge selection, that is continuously expanded and adjusted to the require-

ments. As a manufacturer of the highest quality surgical products we always want to satisfy our customers completely and sustainably and give them the best possible service, also beyond the sale. All surgical devices are guaranteed against defects in material and workmanship when used for their intended surgical purpose and cared for in accordance with recommended procedures.





Bulldog Clamps and Atraumatic Bulldog Clamps for Transient Vascular Occlusion





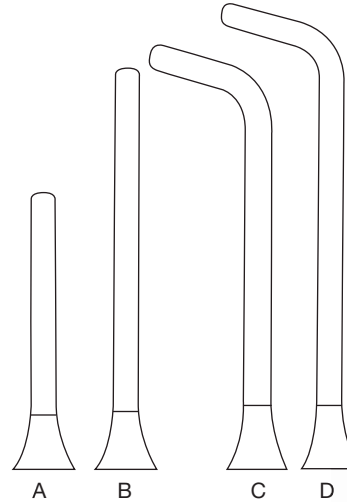
20-0371



Gregory Soft

with DeBakey Jaws

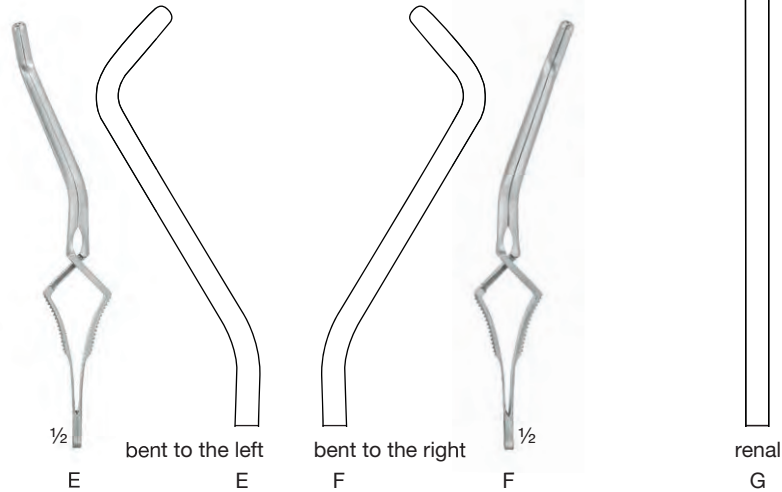
Fig.	Art.-No.	Length mm / "	Length of Jaws mm
A	20-0370	85 / 3¼	30
B	20-0371	100 / 4	45
C	20-0372	105 / 4¼	55
D	20-0373	110 / 4¼	60

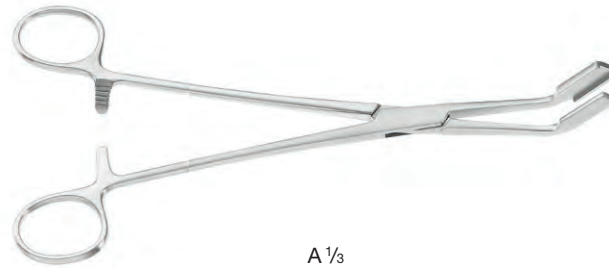


Modified Gregory Soft

with DeBakey Jaws

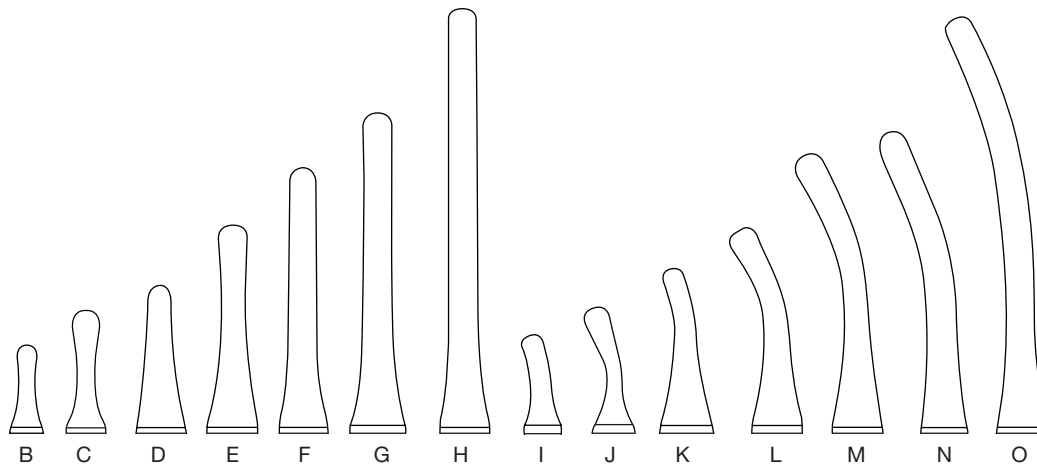
Fig.	Art.-No.	Length mm / "	Length of Jaws mm
E	20-0376	110 / 4¼	60
F	20-0377	110 / 4¼	60
G	20-0374	125 / 5	70





Applying Forceps
for cross-action bulldog clamps

Fig.	Art.-No.	Length mm / "
A	20-0378	245 / 9¾



Johns-Hopkins Bulldog Clamps

straight

Fig.	Art.-No.	Length mm / "	Length of Jaws mm
B	20-0610	38 / 1½	12
C	20-0611	48 / 2	16
D	20-0612	57 / 2¼	20
E	20-0613	63 / 2½	28
F	20-0614	71 / 2¾	34
G	20-0615	76 / 3	39
H	20-0616	92 / 3½	56

curved

Fig.	Art.-No.	Length mm / "	Length of Jaws mm
I	20-0620	38 / 1½	12
J	20-0621	48 / 2	16
K	20-0622	57 / 2¼	20
L	20-0623	63 / 2½	28
M	20-0624	71 / 2¾	34
N	20-0625	76 / 3	39
O	20-0626	92 / 3½	56

* bold = shown



Bulldog Clamps for Transient Vascular Occlusion



20-5100.01

29-1440



20-0483



Shunt

	Length mm / "	Length of Jaws mm	10 Charr./Fr.	12 Charr./Fr.	14 Charr./Fr.
10°	75 / 3	38	20-0480	20-0485.12	20-0485.14
25°	75 / 3	37	20-0481	20-0486.12	20-0486.14
45°	70 / 2¾	34	20-0482	20-0487.12	20-0487.14
60°	65 / 2½	30	20-0483	20-0488.12	20-0488.14



Mohr

Smooth cup, curved

Art.-No.	Length mm / "	Length of Jaws mm	Width of Jaws mm
20-5100	90 / 3½	21	34
20-5100.01	90 / 3½	21	14
20-5100.02	90 / 3½	21	24
20-5100.03	90 / 3½	21	20
20-5102	135 / 5¼	21	30

Outer cup serrated, curved

Art.-No.	Length mm / "	Length of Jaw mm	Width of Jaw mm
20-5100.AR	90 / 3½	21	34

Mohr

Glue Application Bulldog

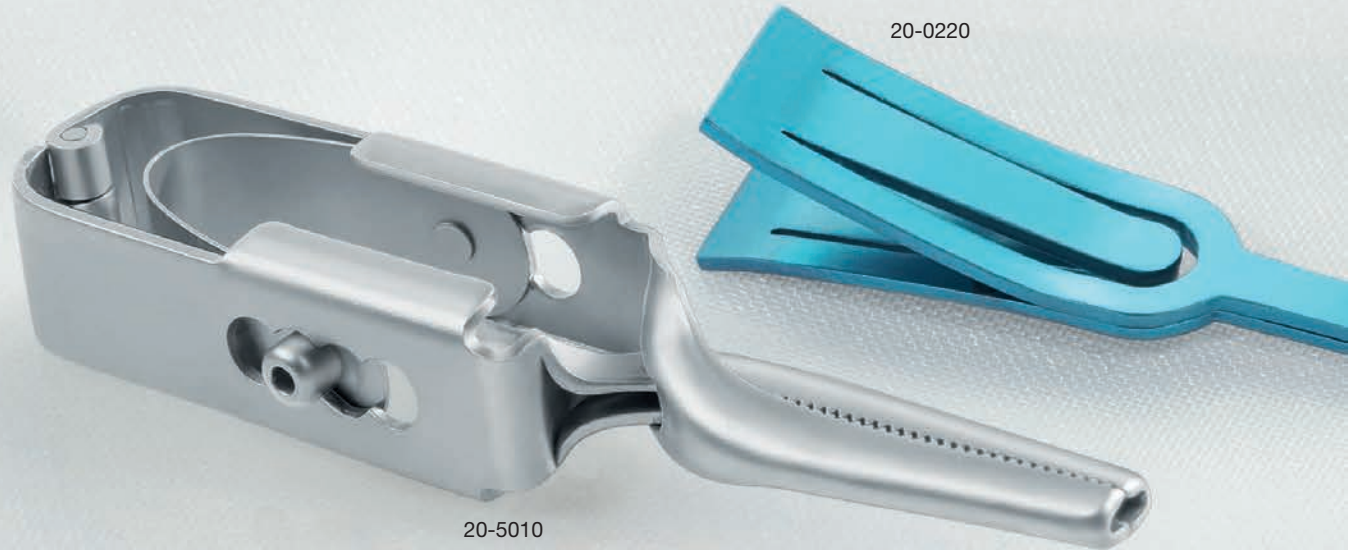
Used for application of gelatine glue during vascular dissection and fixation of the layers. Malleable cups allow the adjustment to different vascular diameter.

Bulldog Clamp / Holder

Art.-No.	Total Length mm / "	Ø mm
29-1440	260 / 10¼	6



Clamps for Transient Vascular Occlusion



20-5010

20-0220



75-0072
Applying Forceps



Clamps for Transient Vascular Occlusion

GEISTER®





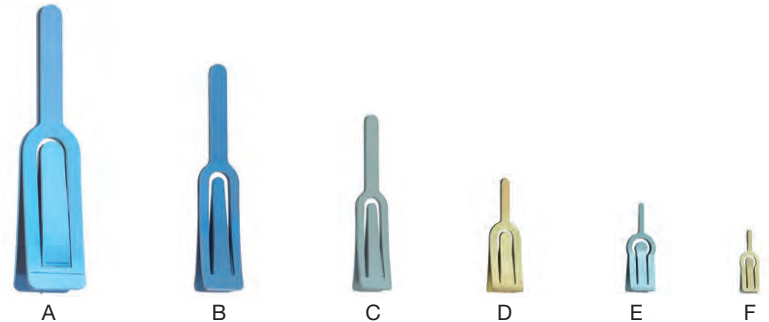
Dingo-type Bulldog Clamps

These reusable, featherweight soft bulldog clamps are especially suitable for temporary vessel occlusion in beating-heart surgery. Damage and drag to skeletonized arterial grafts can be reduced due to their softness and low weight.

The anti-magnetic clamps are made from titanium (grade 5) and are colored by anodization. Unlike steel, titanium does not stiffen with use, so these carefully calibrated titanium arterial clamps shall remain so indefinitely. They can be applied and removed with a utility forceps.

Dingo-type Titanium Bulldog Clamps

Fig.	Art.-No.	Length mm / "	Length of Jaws mm	for Vessel Diameter
A	20-0220	37.5 / 1½	15	4
B	20-0221	30 / 1¼	13	4
C	20-0222	24 / 1	10	3
D	20-0223	14 / ½	5	2
E	20-0224	11.5 / ½	4	1
F	20-0225	7.6 / ¼	2.5	1



Wolf

Protection Bulldog Clamp

Fig.	Art.-No.	Length mm / "	Length of Jaw mm
G	20-5000	35 / 1½	16

For pressure controlled preparation of the saphenous vein, opens at approx. 80 mm HG and protects intima from pressure loading.



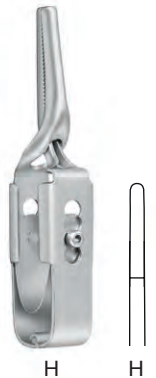
G



Fig.	Art.-No.	Length mm / "
H	20-5010	45 / 1½

Senning Bulldog Clamp

with Cooley Jaws, adjustable closing pressure



H



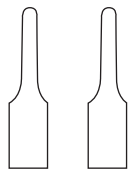
H

Micro Clamps

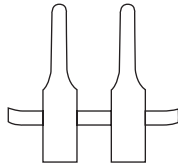
Size	Single Clamps (pair)		Approximator without Frame, movable		Approximator with Frame, movable		Size mm	Length mm
	A	V	A	V	A	V		
1	75-0397	75-0396	75-0415	75-0414	75-0409	75-0408	0.4 - 1.0	8
2	75-0399	75-0398	75-0417	75-0416	75-0411	75-0410	0.6 - 1.5	11
3	75-0401	75-0400	75-0419	75-0418	75-0413	75-0412	1.0 - 2.2	17
4		75-0325		75-0326			1.5 - 3.5	24
5		75-0286		75-0287			2.0 - 5.0	36

Black

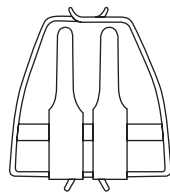
Size	Single Clamps (pair)		Approximator without Frame, movable		Approximator with Frame, movable		Size mm	Length mm
	A	V	A	V	A	V		
1	75-0461	75-0462	75-0479	75-0480	75-0473	75-0474	0.4 - 1.0	8
2	75-0463	75-0464	75-0481	75-0482	75-0475	75-0476	0.6 - 1.5	11
3	75-0465	75-0466	75-0483	75-0484	75-0477	75-0478	1.0 - 2.2	17
4		75-0329		75-0330			1.5 - 3.5	24
5		75-0327		75-0328			2.0 - 5.0	36



Single Clamps



Approximator



Approximator with Frame

Applying Forceps

with catch

for Size	Art.-No.	Length mm / "
1-3	75-0071	140 / 5½
4-5	75-0073	140 / 5½

without catch

for Size	Art.-No.	Length mm / "
1-3	75-0072	140 / 5½
4-5	75-0074	140 / 5½





41-5114.TI

41-5500
Applying Forceps Standard

Yasargil-type Standard

Stainless Steel

Fig.	Art.-No.	Max. Opening mm	Force g
A	41-5012	7.0	180
B	41-5014	6.8	180
C	41-5022	7.8	180
D	41-5024	7.5	180
E	41-5054	6.2	180
F	41-5112	7.0	90
G	41-5114	6.8	90
H	41-5116	6.1	110
I	41-5128	9.2	90
J	41-5130	8.7	110
K	41-5132	7.4	110
L	41-5134	11.4	110
M	41-5136	11.0	90

Titanium

Fig.	Art.-No.	Max. Opening mm	Force g
A	41-5012.TI	7.0	180
B	41-5014.TI	6.8	180
C	41-5022.TI	7.8	180
D	41-5024.TI	7.5	180
E	41-5054.TI	6.2	180
F	41-5112.TI	7.0	90
G	41-5114.TI	6.8	90
H	41-5116.TI	6.1	110
I	41-5128.TI	9.2	90
J	41-5130.TI	8.7	110
K	41-5132.TI	7.4	110
L	41-5134.TI	11.4	110
M	41-5136.TI	11.0	90

Applying Forceps Standard

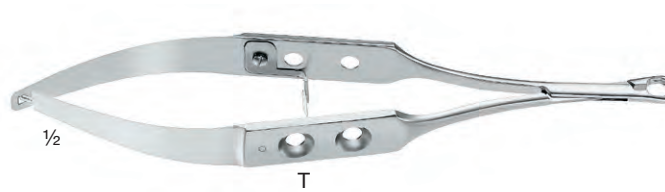
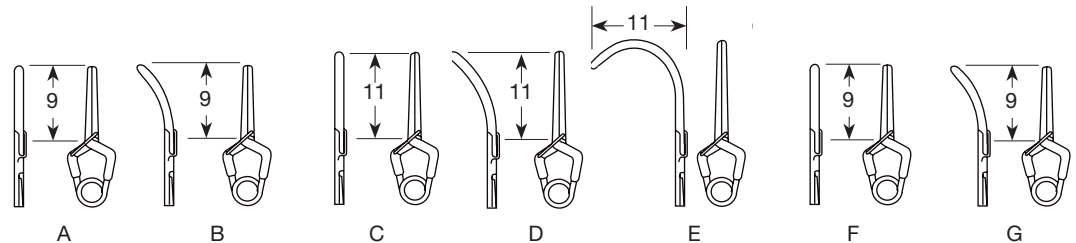


Fig. Art.-No. Length mm / "
T 41-5500 175 / 7

Applying Forceps Mini

Art.-No. Length mm / "
41-5501 175 / 7



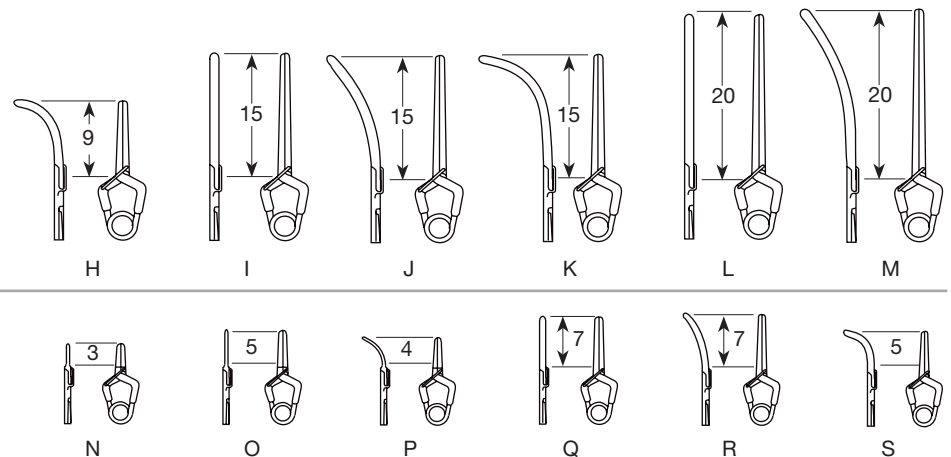
Mini

Stainless Steel

Fig.	Art.-No.	Max. Opening mm	Force g
N	41-5300	3.3	90
O	41-5306	4.0	70
P	41-5308	3.8	70
Q	41-5320	4.6	70
R	41-5322	4.4	70
S	41-5324	4.0	70

Titanium

Fig.	Art.-No.	Max. Opening mm	Force g
N	41-5300.TI	3.3	90
O	41-5306.TI	4.0	70
P	41-5308.TI	3.8	70
Q	41-5320.TI	4.6	70
R	41-5322.TI	4.4	70
S	41-5324.TI	4.0	70





Clamps for Transient Vascular Occlusion

GEISTER®



41-5613



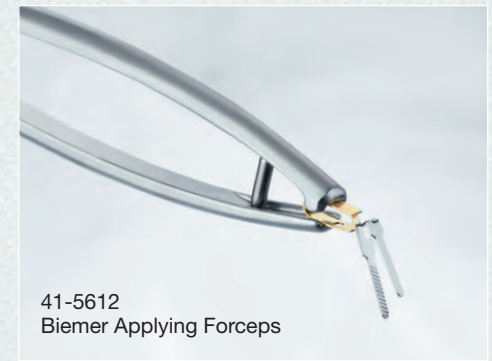
41-5624



41-5604



41-5608

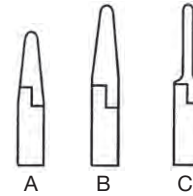


41-5612
Biemer Applying Forceps



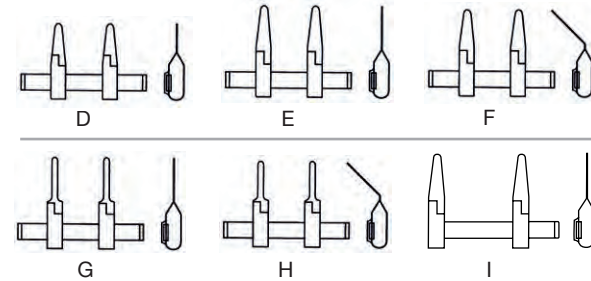
Micro Clamps acc. to Biemer*

Fig.	Art.-No.	Jaw Opening mm	Length of Jaws mm	Force g	Vessel Size mm
A	41-5600	4.0	6.0	30 - 40	0.5 - 2.0
B	41-5602	5.0	9.0	30 - 40	0.5 - 2.0
C	41-5604	5.0	9.0	20 - 25	0.5 - 2.0



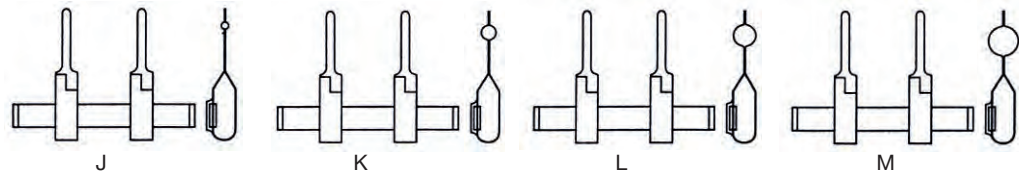
Approximators acc. to Biemer-Mueller*

Fig.	Art.-No.	Jaw Opening mm	Length of Jaws mm	Force g	Vessel Size mm
D	41-5605	4.0	6.0	25 - 30	0.5 - 2.0
E	41-5606	5.0	9.0	25 - 30	0.5 - 2.0
F	41-5607	5.0	9.0	25 - 30	0.5 - 2.0
G	41-5608	5.0	9.0	25 - 30	0.5 - 2.0
H	41-5609	5.0	9.0	25 - 30	0.5 - 2.0
I	41-5613	5.0	9.0	30 - 40	0.5 - 2.0



Approximators acc. to Mueller*

Fig.	Art.-No.	Diameter mm	Force g	Vessel Size mm
J	41-5621	1.0	25 - 30	0.5 - 2.0
K	41-5622	2.0	25 - 30	0.5 - 2.0
L	41-5623	3.0	25 - 30	0.5 - 2.0
M	41-5624	4.0	25 - 30	0.5 - 2.0



Applying Forceps

without catch

Art.-No.	Length mm / "
41-5610	145 / 5¾

with catch

Fig.	Art.-No.	Length mm / "
N	41-5612	145 / 5¾



N ½

* Blade gripping surface with oblique serrations for safe and careful gripping of vessels.

Micro Clamps acc. to Mehdorn*

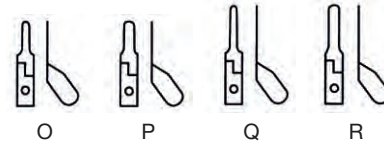


Fig.	Art.-No.	Length of Jaws mm	Force g	Vessel Size mm
O	41-5665	4.0 x 1.0	10 - 15	0.5 - 1.5
P	41-5666	4.0 x 1.4	15 - 20	0.5 - 1.5
Q	41-5667	6.0 x 1.0	10 - 15	0.5 - 1.5
R	41-5668	6.0 x 1.4	15 - 20	0.5 - 1.5

Applying Forceps

for Mehdorn Clamps
without catch

Art.-No.	Length mm / "	Description
41-5669	145 / 5¾	The position of the clip in the applying forceps can be varied.



Micro Clamps acc. to Mueller

straight

Fig.	Art.-No.	Force g
S	41-5650	50
S	41-5651	80

curved

Fig.	Art.-No.	Force g
T	41-5652	50
T	41-5653	80

Tips curved

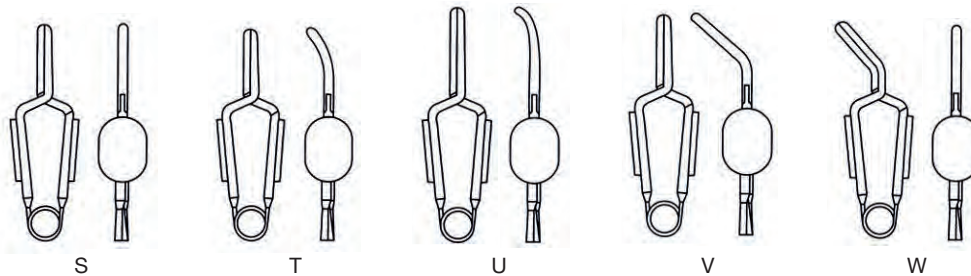
Fig.	Art.-No.	Force g
U	41-5654	50
U	41-5655	80

angled

Fig.	Art.-No.	Force g
V	41-5656	50
V	41-5657	80

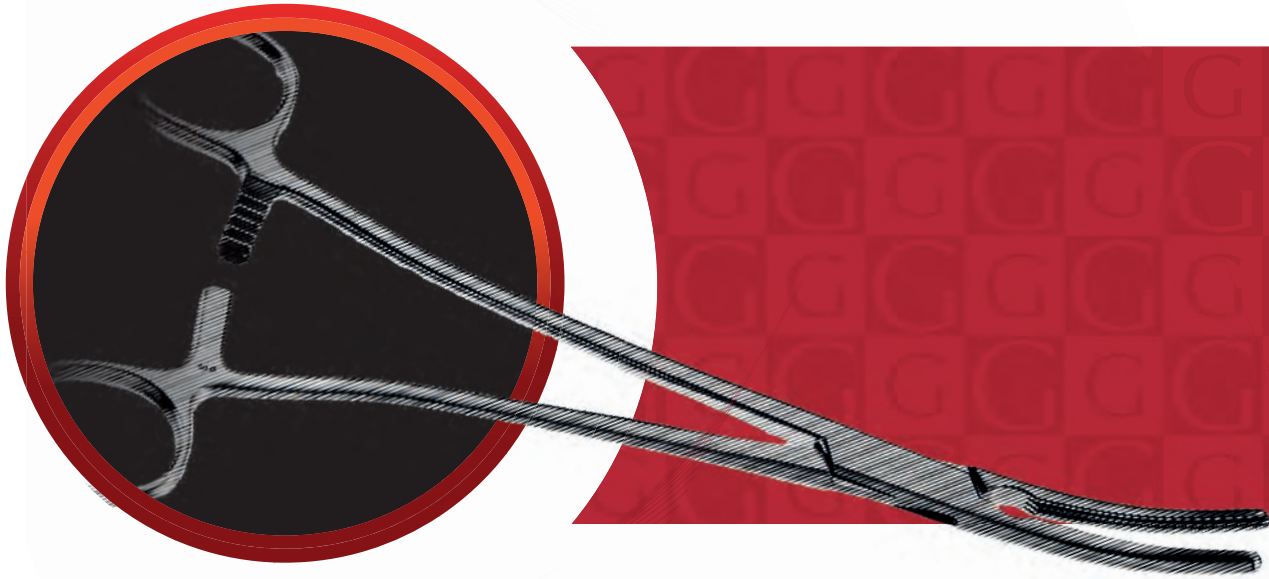
knee-bent

Fig.	Art.-No.	Force g
W	41-5658	50
W	41-5659	80



* Blade gripping surface with oblique serrations for safe and careful gripping of vessels.

* **bold** = shown



Atraumatic Clamps | Vascular Clamps
Liver Transplant Clamps
Tissue Seizing Forceps | Intestinal Clamps





Cooley-serrations with 3x3 teeth rows



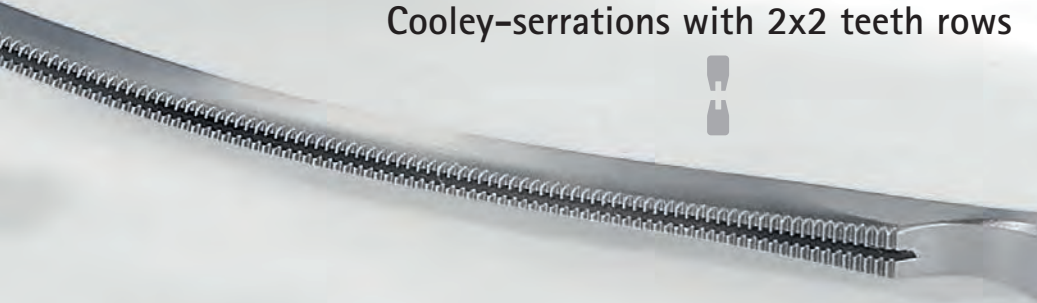
DeBakey-serrations with 2x3 teeth rows



DeBakey-serrations with 1x2 teeth rows



Cooley-serrations with 2x2 teeth rows



Every **GEISTER®** clamp is aligned and checked by our skilled instrument masters by hand to achieve the sensitive feeling and desired pressure so crucial to the surgeon. Precision ratchets with multiple steps provide the proper control and right compression required for secure clamping with less danger of crushing. Multiple jaw configurations, dimensions and curvatures are available. Our atraumatic DeBakey serrations with 1x2 or wider 2x3 teeth rows, or atraumatic Cooley-serrations with 2x2 or wider 3x3 rows have been widely used by hospitals throughout the world for vascular surgery procedures since many years. Special narrow models and variations are available for finest vessels of neonates, infants and children.



Cooley Jaws 2 x 2



straight shanks



DeBakey Jaws 1 x 2



curved shanks



Cooley Jaws 3 x 3



slightly angled shanks



DeBakey Jaws 2 x 3



angled shanks

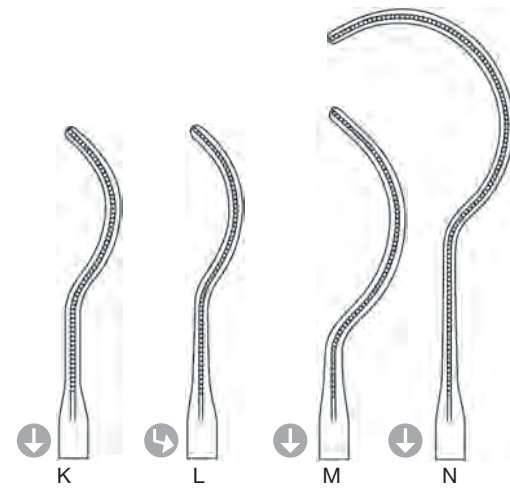
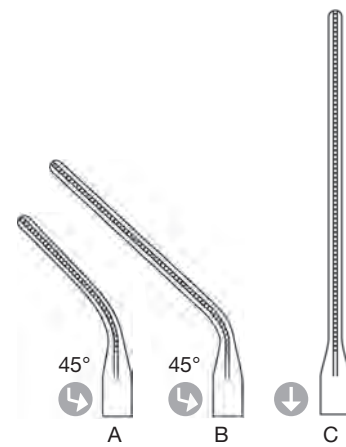
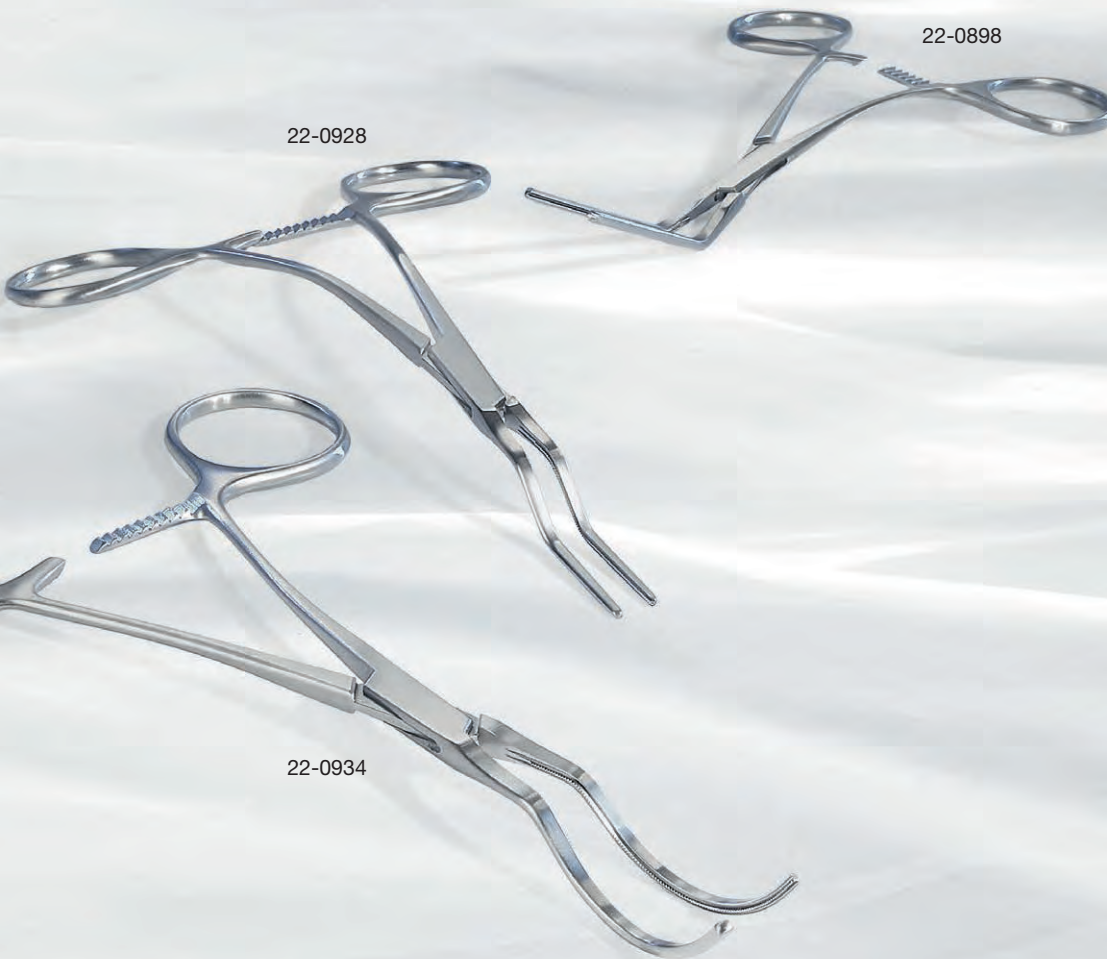


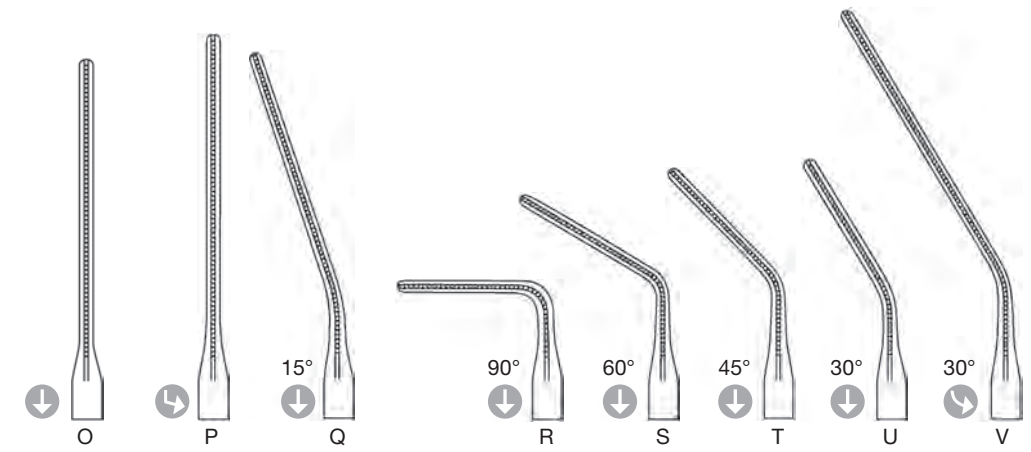
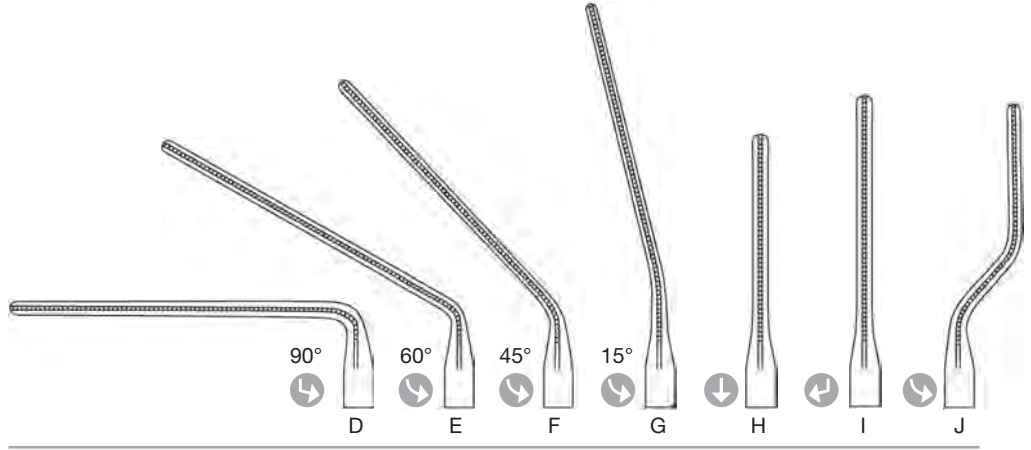
graduated jaws (5 mm)

Stainless Steel or **Titanium**



Atraumatic Clamps for Transient Vascular Occlusion





Extra-Fine Pediatric Clamps

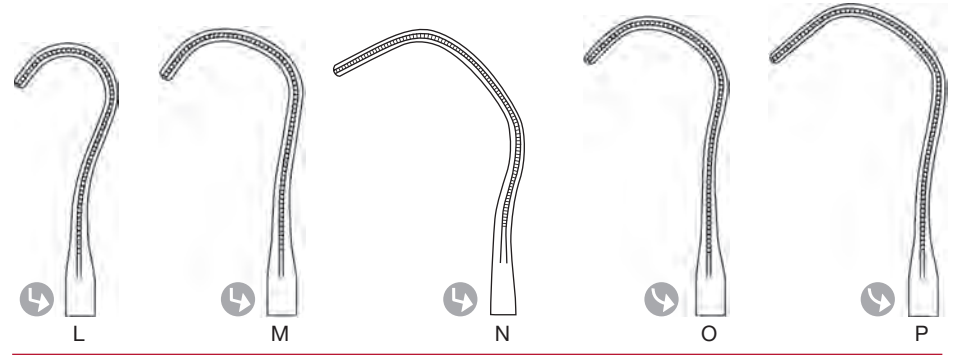
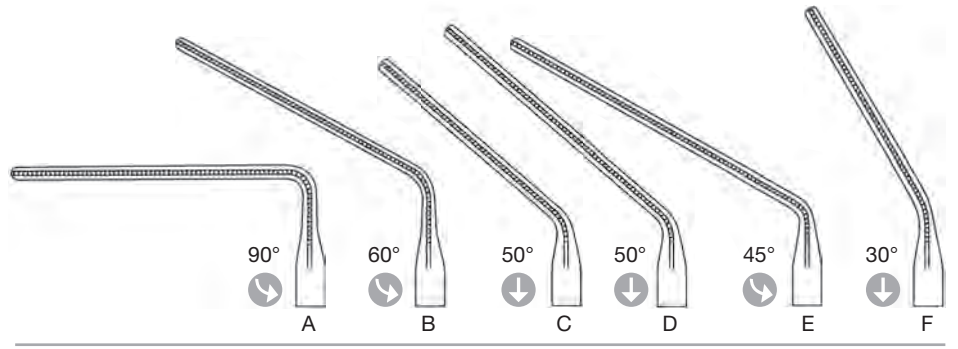
with DeBakey Jaws

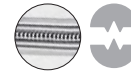
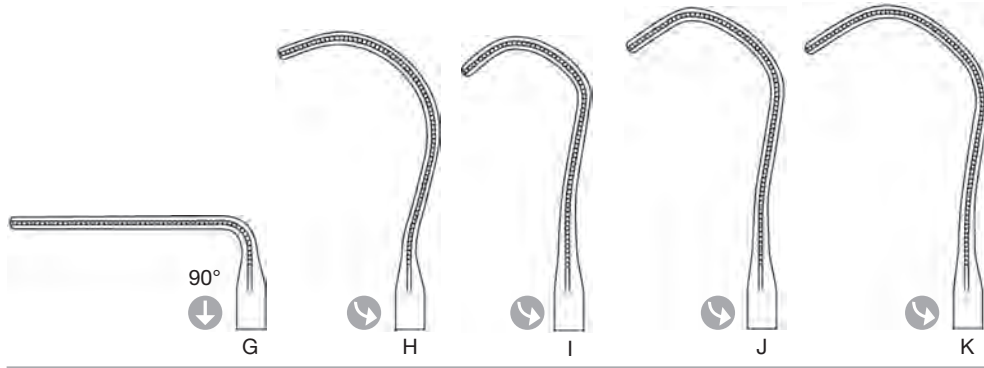
Fig.	Art.-No.	Length mm / "	
A	22-0890	105 / 4¼	ang. shanks/16 mm
B	22-0892	125 / 5	ang. shanks/30 mm
C	22-0894	140 / 5½	str. shanks/45 mm
Fig.	Art.-No.	Length mm / "	
D	22-0900	140 / 5½	ang. shanks/40 mm
E	22-0899	140 / 5½	cvd. shanks/40 mm
F	22-0898	140 / 5½	cvd. shanks/40 mm
G	22-0896	140 / 5½	cvd. shanks/40 mm
H	22-0924	150 / 6	str. shanks/25 mm
I	22-0926	155 / 6	20° ang. shanks/30 mm
J	22-0928	150 / 6	cvd. shanks/30 mm
Fig.	Art.-No.	Length mm / "	
K	22-0932	150 / 6	str. shanks/20 mm
L	22-0933	145 / 5¾	ang. shanks/20 mm
M	22-0934	155 / 6	str. shanks/28 mm
N	22-0936	170 / 6¾	str. shanks/28 mm
Fig.	Art.-No.	Length mm / "	
O	22-0929	160 / 6¼	str. shanks/40 mm
P	22-0930	165 / 6½	ang. shanks/40 mm
Q	22-0931	155 / 6	str. shanks/32 mm
Fig.	Art.-No.	Length mm / "	
R	22-0908	125 / 5	str. shanks/17 mm
S	22-0906	145 / 5¾	str. shanks/20 mm
T	22-0904	145 / 5¾	str. shanks/20 mm
U	22-0902	145 / 5¾	str. shanks/16 mm
V	22-0914	160 / 6¼	cvd. shanks/40 mm

↓ straight shanks
 ↷ curved shanks
 ↷↷ slightly angled shanks
 ↷↷↷ angled shanks
 ⊗ graduated jaws
 * bold = shown



Atraumatic Clamps for Transient Vascular Occlusion





Extra-Fine Clamps

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "	
A	22-0919	140 / 5½	cvd. shanks/37 mm
B	22-0918	155 / 6	cvd. shanks/36 mm
C	22-0920	120 / 4¾	str. shanks/30 mm
D	22-0917	155 / 6	str. shanks/37 mm
E	22-0916	160 / 6¼	cvd. shanks/37 mm
F	22-0915	120 / 4¾	str. shanks/30 mm

Fig.	Art.-No.	Length mm / "	
G	22-0922	105 / 4¼	str. shanks/30 mm
H	22-0939	120 / 4¾	cvd. shanks/26 mm
I	22-0940	145 / 5¾	cvd. shanks/16 mm
J	22-0941	145 / 5¾	cvd. shanks/21 mm
K	22-0942	160 / 6¼	cvd. shanks/26 mm

Fig.	Art.-No.	Length mm / "	
L	22-0943	115 / 4½	ang. shanks/10 mm
M	22-0944	115 / 4½	ang. shanks/16 mm
N	22-0945	120 / 4¾	ang. shanks/28 mm
O	22-0946	140 / 5½	cvd. shanks/17 mm
P	22-0947	150 / 6	cvd. shanks/22 mm

Fig.	Art.-No.	Length mm / "	
Q	22-0948	160 / 6¼	cvd. shanks/25 mm
R	22-0960	180 / 7	cvd. shanks/17 mm
S	22-0961	180 / 7	cvd. shanks/22 mm
T	22-0962	180 / 7	cvd. shanks/25 mm
U	22-0963	180 / 7	ang. shanks/17 mm

↓ straight shanks

↪ ↩ curved shanks

↪ ↩ slightly angled shanks

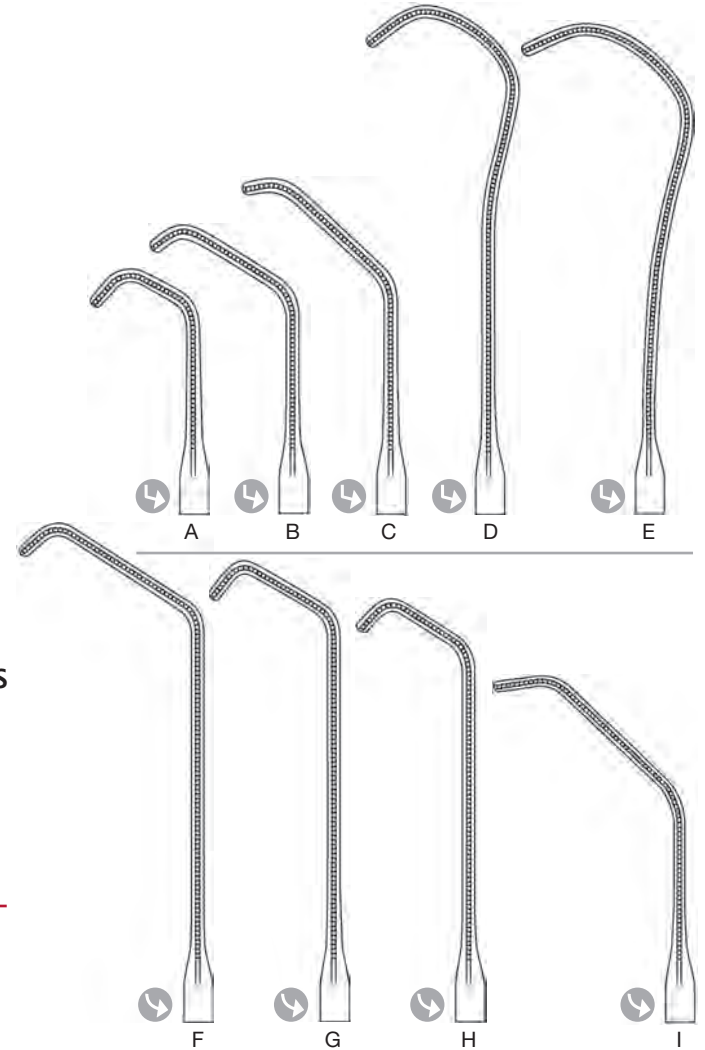
↪ ↩ angled shanks

⊗ graduated jaws

* bold = shown



22-0972



Extra-Fine Clamps

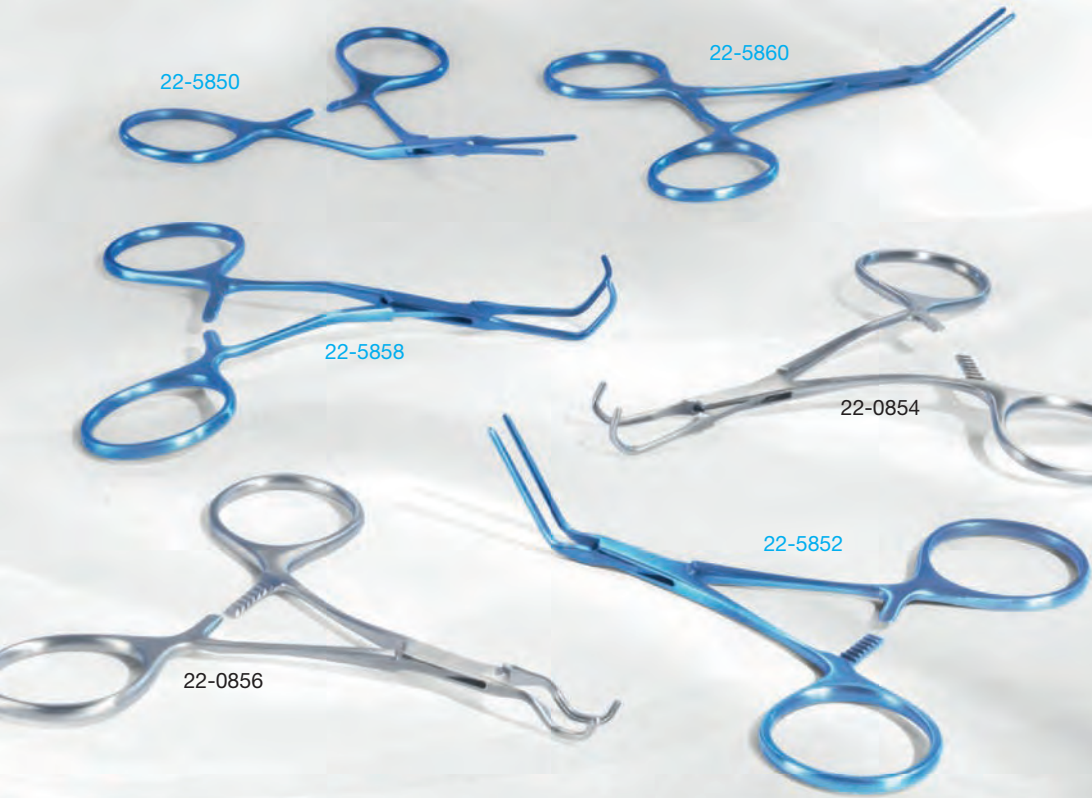
with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
A	22-0970	115 / 4½
B	22-0971	120 / 4¾
C	22-0972	155 / 6
D	22-0964	180 / 7
E	22-0965	180 / 7
<hr/>		
Fig.	Art.-No.	Length mm / "
F	22-0975	180 / 7
G	22-0974	175 / 7
H	22-0973	170 / 6¾
I	22-0990	150 / 6

* **bold** = shown

Premature Baby Micro Clamps for Transient Vascular Occlusion

GEISTER®

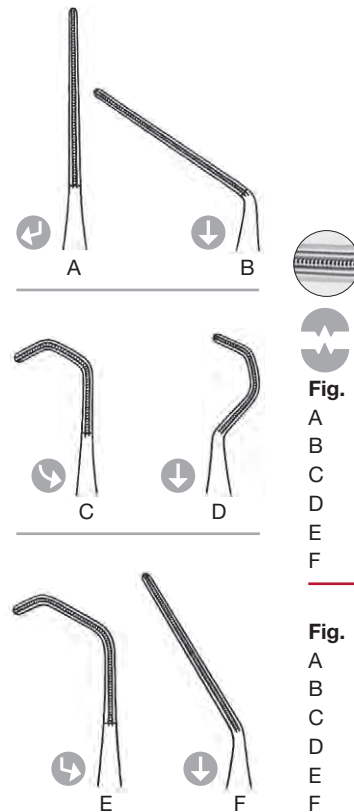


Extremely delicate jaws and ultrafine jaw serrations for a secure and gentle grip.

↓ straight shanks

↻ ↻ curved shanks

↻ ↻ slightly angled shanks



Premie

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
A	22-0850	105 / 4¼
B	22-0852	105 / 4¼
C	22-0854	105 / 4¼
D	22-0856	105 / 4¼
E	22-0858	105 / 4¼
F	22-0860	105 / 4¼

Titanium

Fig.	Art.-No.	Length mm / "
A	22-5850	105 / 4¼
B	22-5852	105 / 4¼
C	22-5854	105 / 4¼
D	22-5856	105 / 4¼
E	22-5858	105 / 4¼
F	22-5860	105 / 4¼

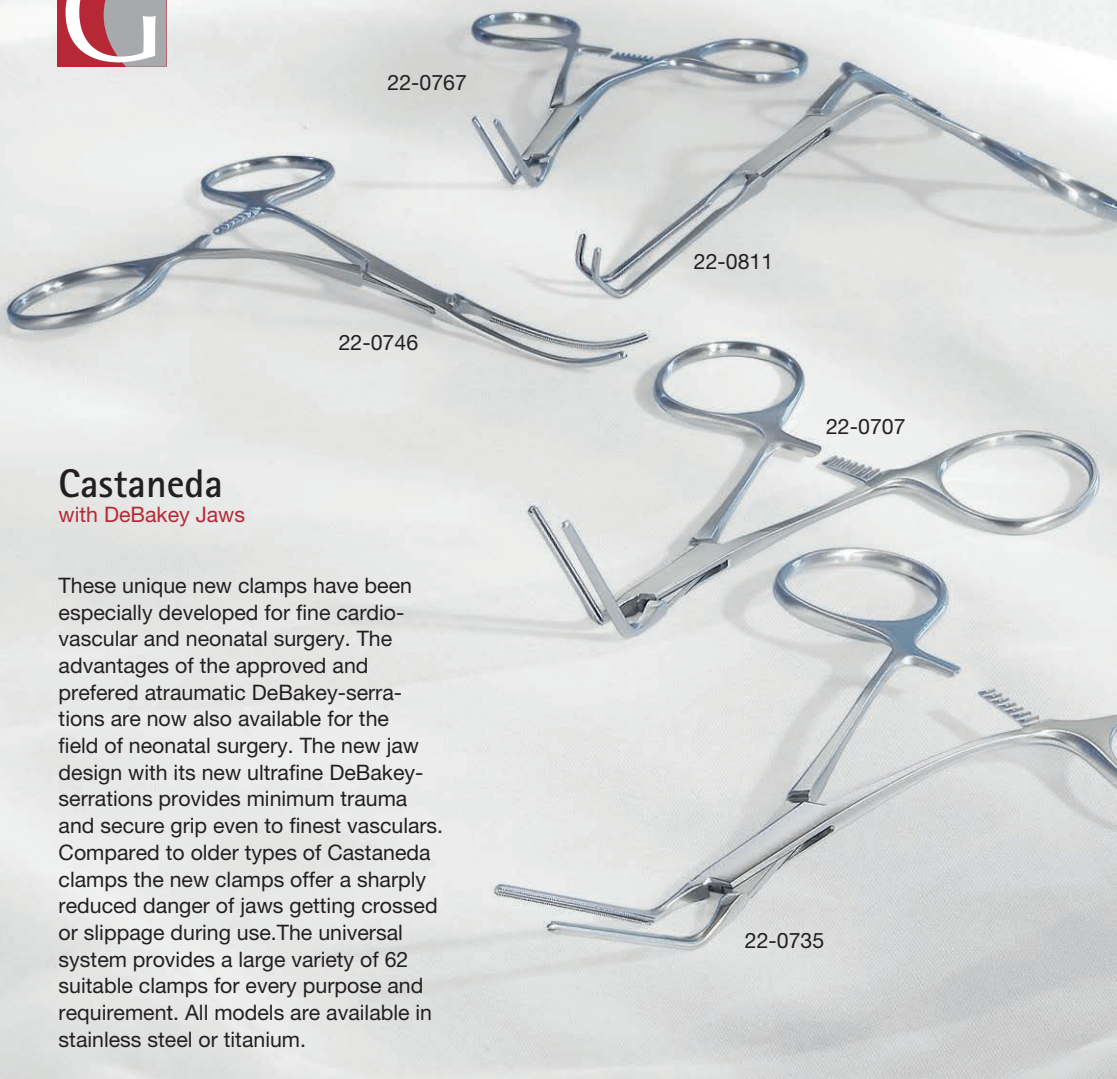
↻ ↻ angled shanks

⊗ graduated jaws

* bold = shown



Neonatal Micro Clamps for Transient Vascular Occlusion



Castaneda with DeBakey Jaws

These unique new clamps have been especially developed for fine cardiovascular and neonatal surgery. The advantages of the approved and preferred atraumatic DeBakey-serrations are now also available for the field of neonatal surgery. The new jaw design with its new ultrafine DeBakey-serrations provides minimum trauma and secure grip even to finest vasculars. Compared to older types of Castaneda clamps the new clamps offer a sharply reduced danger of jaws getting crossed or slippage during use. The universal system provides a large variety of 62 suitable clamps for every purpose and requirement. All models are available in stainless steel or titanium.



straight shanks

curved shanks

slightly angled shanks

angled shanks

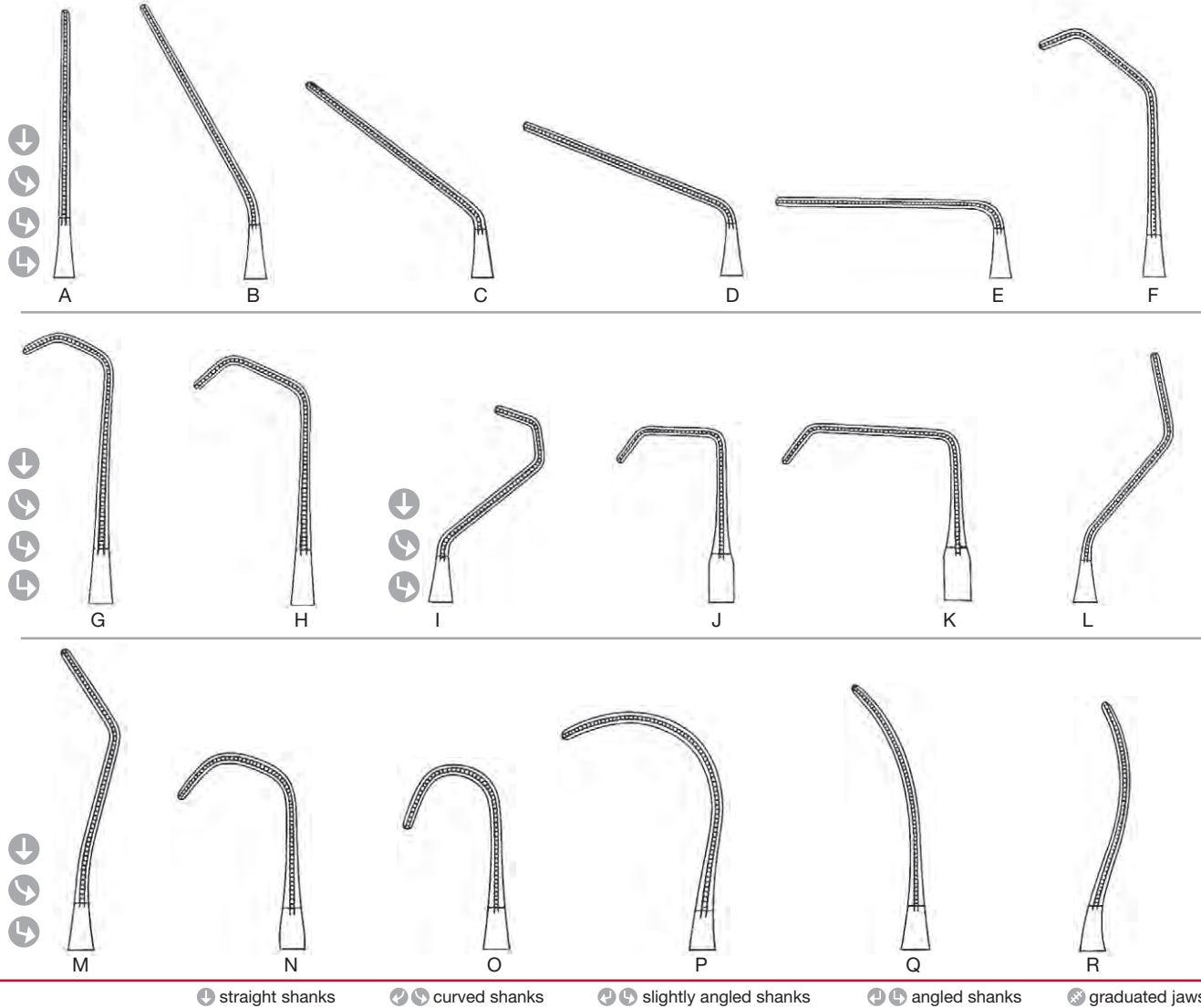


A	22-0700 22-5700	22-0730 22-5730	22-0760 22-5760	22-0790 22-5790
B	22-0703 22-5703	22-0733 22-5733	22-0763 22-5763	22-0793 22-5793
C	22-0705 22-5705	22-0735 22-5735	22-0765 22-5765	22-0795 22-5795
D	22-0707 22-5707	22-0737 22-5737	22-0767 22-5767	22-0797 22-5797
E	22-0709 22-5709	22-0739 22-5739	22-0769 22-5769	22-0799 22-5799
F	22-0710 22-5710	22-0750 22-5750	22-0780 22-5780	22-0810 22-5810
G	22-0721 22-5721	22-0751 22-5751	22-0781 22-5781	22-0811 22-5811
H	22-0722 22-5722	22-0752 22-5752	22-0782 22-5782	22-0812 22-5812
I	22-0723 22-5723	22-0753 22-5753	22-0783 22-5783	
J	22-0711 22-5711	22-0741 22-5741	22-0771 22-5771	
K	22-0712 22-5712	22-0742 22-5742	22-0772 22-5772	
L	22-0726 22-5726	22-0756 22-5756	22-0786 22-5786	
M	22-0727 22-5727	22-0757 22-5757	22-0787 22-5787	
N	22-0713 22-5713	22-0743 22-5743	22-0773 22-5773	
O	22-0714 22-5714	22-0744 22-5744	22-0774 22-5774	
P	22-0715 22-5715	22-0745 22-5745	22-0775 22-5775	
Q	22-0716 22-5716	22-0746 22-5746	22-0776 22-5776	
R	22-0717 22-5717	22-0747 22-5747	22-0777 22-5777	

* bold = shown

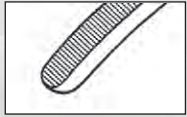
Neonatal Micro Clamps for Transient Vascular Occlusion

GEISTER®

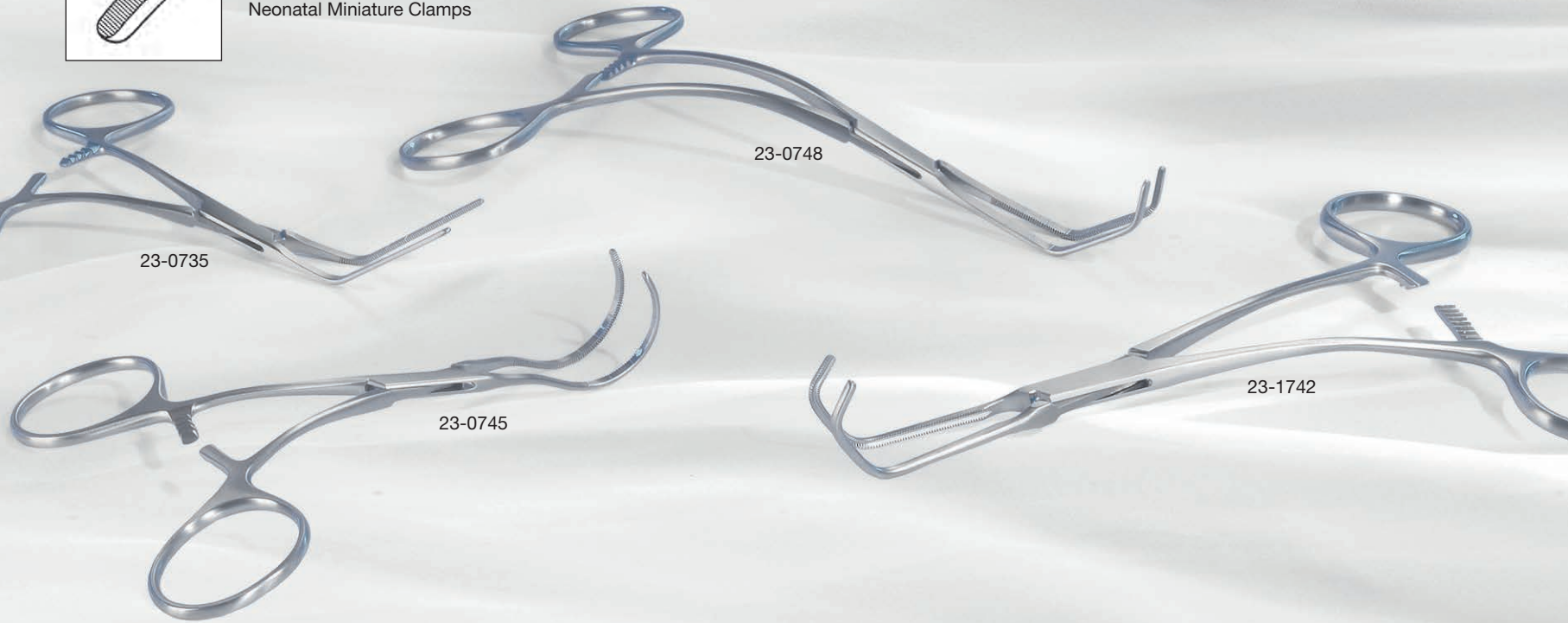




Neonatal Micro Clamps for Transient Vascular Occlusion



Castaneda
Neonatal Miniature Clamps



Infant CV
with unique half-moon shaped jaw
profile for increased clamping stability
(no twisting of jaws)

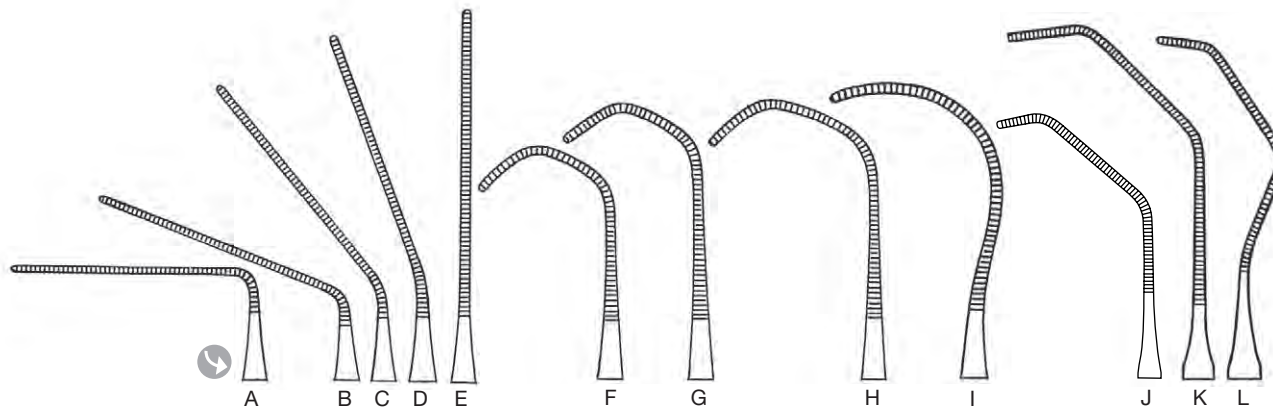
Infant CV

Fig.	Art.-No.	Length mm / "
A	23-1739	110 / 4¼
B	23-1737	120 / 4¾
C	23-1735	125 / 5
D	23-1733	130 / 5
E	23-1730	130 / 5
F	23-1740	150 / 6
G	23-1741	155 / 6
H	23-1742	160 / 6¼
I	23-1745	125 / 5

Castaneda Neonatal Miniature Clamps



Fig.	Art.-No.	Length mm / "
A	23-0739	110 / 4¼
B	23-0737	120 / 4¾
C	23-0735	125 / 5
D	23-0733	130 / 5
E	23-0730	130 / 5
F	23-0740	150 / 6
G	23-0741	150 / 6
H	23-0742	150 / 6
I	23-0745	120 / 4¾
J	23-0747	120 / 4¾
K	23-0748	150 / 6
L	23-0749	150 / 6



↓ straight shanks

↻ ↻ curved shanks

↻ ↻ slightly angled shanks

↻ ↻ angled shanks

⊗ graduated jaws

* bold = shown



Neonatal Micro Clamps for Transient Vascular Occlusion



23-0759

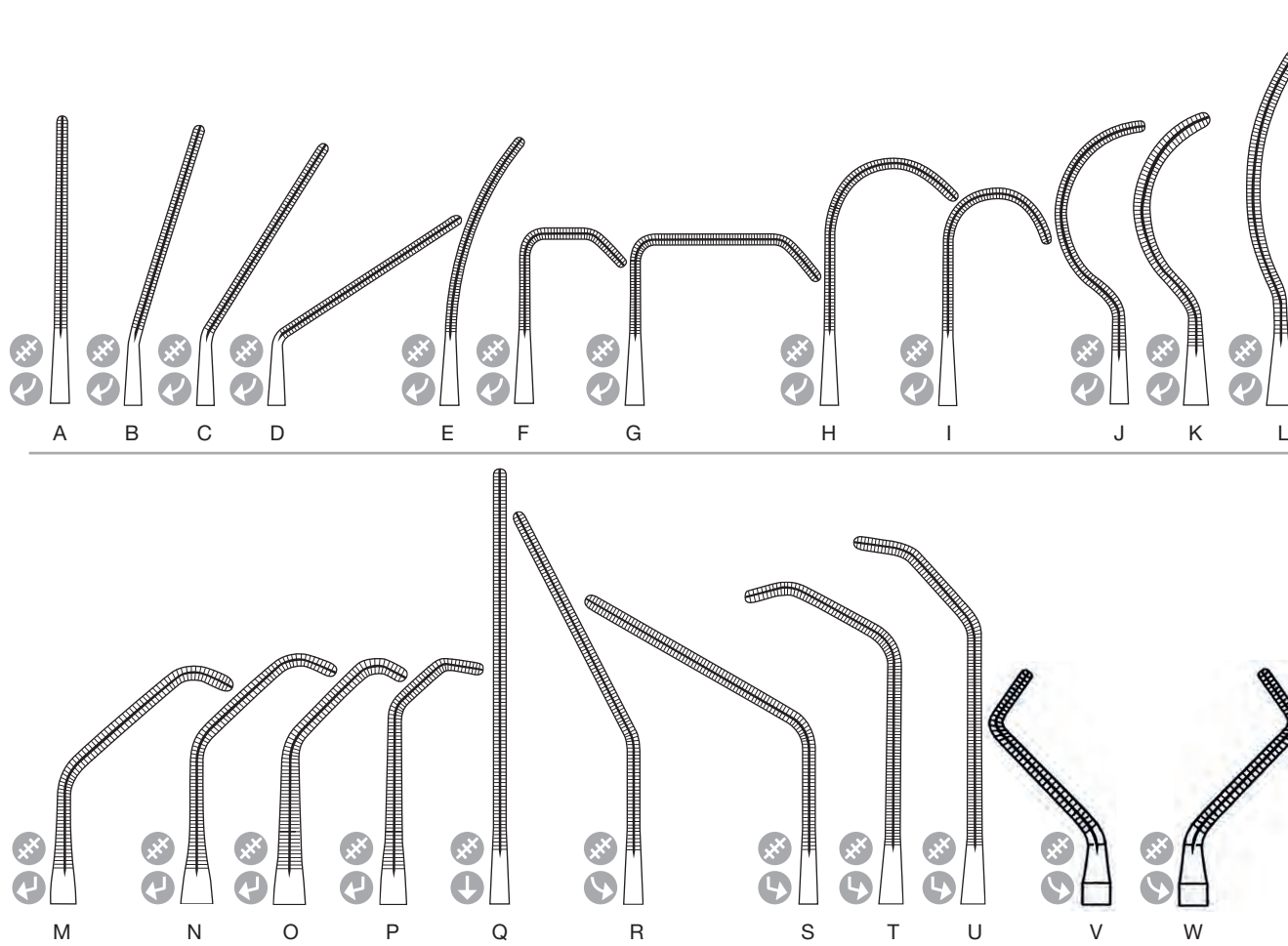
23-0812

23-0754

23-0911

Neonatal Micro Clamps for Transient Vascular Occlusion

GEISTER®



Baby Clamps

with Cooley Jaws,
extra fine patterns,
curved shanks*,
145 mm / 5¾"

Fig. Art.-No.

A	23-0750
B	23-0751
C	23-0752
D	23-0753
E	23-0754
F	23-0755
G	23-0756
H	23-0757
I	23-0758
J	23-0759
K	23-0760
L	23-0761
M	23-0762
N	23-0763
O	23-0764
P	23-0765
Q	23-0808
R	23-0809
S	23-0810
T	23-0811
U	23-0812



Kitzmiller-type

with Cooley Jaws

Fig. Art.-No.

V	23-0910
W	23-0911

* For Straight Shanks ↓ add "G" behind article number, e.g. 23-0753G

* bold = shown



Atraumatic Clamps for Transient Vascular Occlusion

23-0060



23-0058



23-0059



23-0057



23-0055



23-0061

