



REUSABLE SURGICAL INSTRUMENTS

GENERALIST





A black and white photograph of a modern, two-story building with a large, prominent red slatted facade element. The building has large windows and a flat roof. In the foreground, there is a road with white lane markings and a metal fence. The sky is clear and bright.

The better way to operate™

“Excellence is the result of caring more than others think is wise, risking more than others think is safe, dreaming more than others think is practical, and expecting more than others think is possible.”



EFFICIENT SURGERY. LESS INVASIVE. OPTIMUM RESULTS.

GEISTER – founded in 1984 – is a leading manufacturer of premium reusable surgical instruments* for both conventional open and minimally invasive (keyhole) surgery, suction tubes, OR accessories and sterilization containers and storage tray solutions. Our instruments are trusted by surgeons worldwide, particularly in the fields of general surgery, thoracic and vascular surgery, transplantation surgery, precision microsurgery, as well as structural musculoskeletal surgery (bones, intervertebral discs, ligaments).

Based in Tuttlingen, Southwest Germany – the globally renowned capital of the surgical industry – we are committed to serving the surgical community with the highest quality instruments tailored to specific needs. Our mission is to support medical professionals in delivering exceptional patient care across the globe. For us, quality and precision, rooted in the best of German engineering, are not just standards – they are a global promise. We strive to develop technical innovations that advance minimally invasive surgical procedures, making them more patient-friendly while maintaining or even surpassing the long-term outcomes of traditional methods. As a family-owned and managed business, we are proud to be one of Germany's leading manufacturers of surgical instruments and accessories. With decades of expertise – our founder had been in the field since 1966 – we specialize in crafting delicate, highly precise surgical instruments. Our portfolio includes over 14.000 quality products for operative surgery, distributed in more than 95 countries worldwide. Every instrument we produce reflects purpose-driven innovation, skilled craftsmanship, technological excellence, and measurable quality.

**"Reusable surgical instrument" means an instrument intended for surgical use in cutting, drilling, sawing, scratching, scraping, clamping, retracting, clipping or similar procedures, without a connection to an active device and which is intended by the manufacturer to be reused.*



www.geister.com

OVER 40 YEARS OF EXCELLENCE IN SURGERY.

**Made in Germany –
where Innovation meets Craftsmanship.**

For more than four decades, we have been dedicated to advancing surgical care with precision, quality, and innovation. Crafted in Germany, our premium reusable surgical instruments represent the perfect fusion of cutting-edge technology and time-honored craftsmanship. Precision-engineered for superior performance, exceptional durability, and sustainable healthcare solutions, our instruments are designed to meet the highest standards of sterilization and reliability. They not only ensure optimal patient care but also contribute to reducing environmental impact. Trusted worldwide, our surgical instruments from Tuttlingen embody the unparalleled quality of German engineering. Excellence in every procedure, every time.

As we stand on the threshold of a new decade, we are excited to share our vision for the future of **GEISTER** and its transformative role in the surgical industry. Our journey has been defined by a legacy of innovation, resilience, and an unwavering commitment to advancing healthcare.

Over the years, we have embraced remarkable advancements in medical science, surgical techniques, and manufacturing technology. These breakthroughs have inspired us to lead the charge in redefining the future of surgical innovation.

Looking ahead, we see limitless potential to elevate our impact and drive meaningful change. With an unwavering commitment to excellence and a relentless pursuit of cutting-edge solutions, we are positioned at the forefront of the surgical industry. Our mission remains clear: to achieve “The better way to operate.”

Together, we will continue to push boundaries, set new benchmarks, and deliver solutions that empower healthcare professionals and enhance patient outcomes worldwide. The future of surgery is here, and **GEISTER** is proud to lead the way.



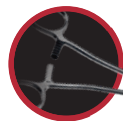
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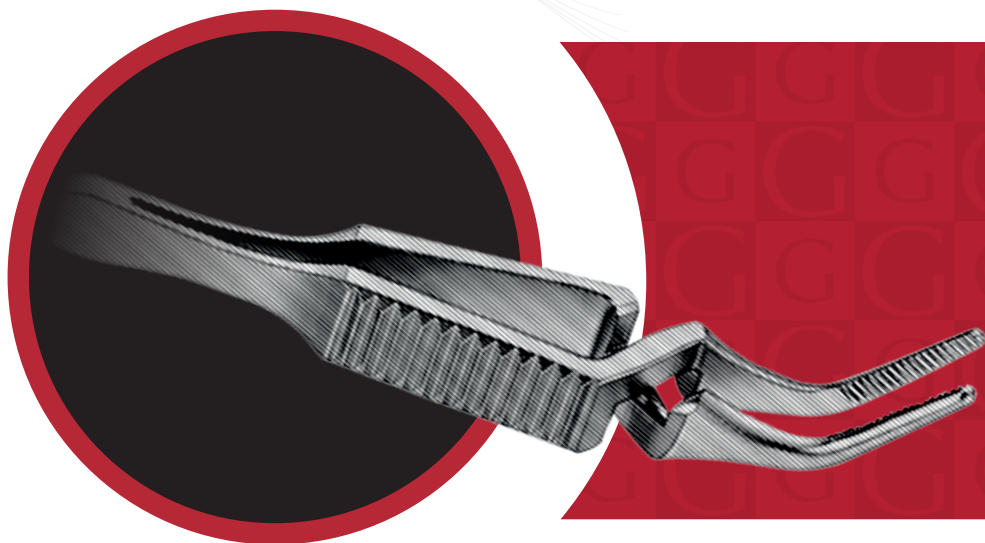
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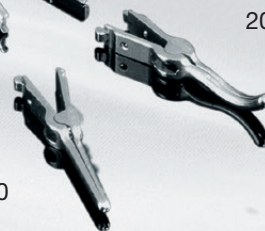
Micro Bulldog Clamps

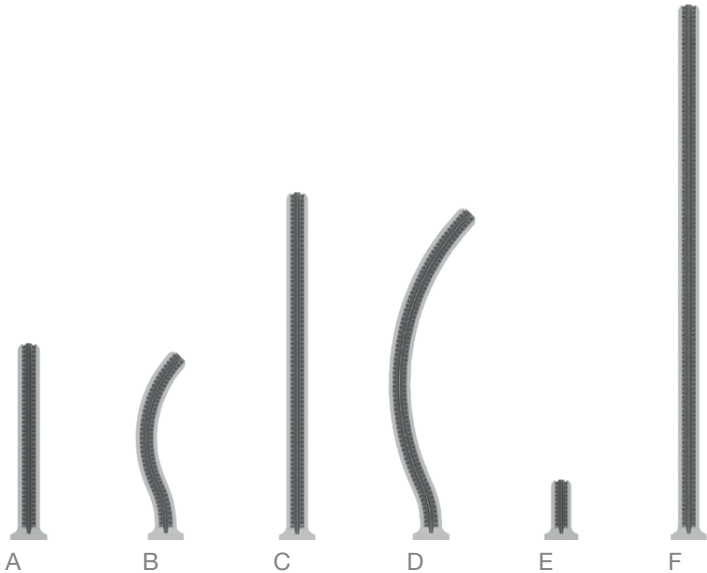


20-5220

20-5200

20-5201





Illustrations not 1:1

Applying Forceps

Art.-No.	Length mm / "
20-5220	445 / 17½



Robotic

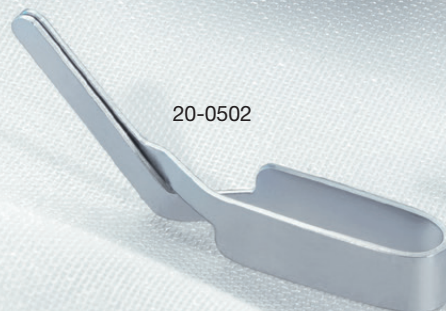
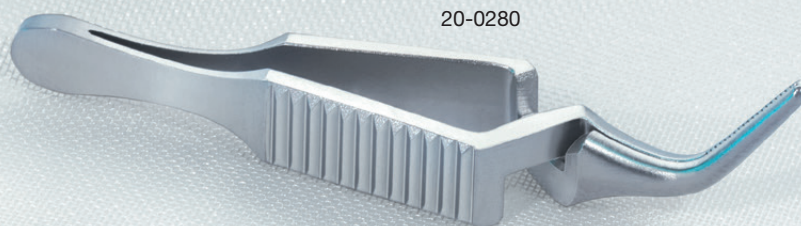
with DeBakey Jaws

Fig.	Art.-No.	Length mm / "	Jaws	Description
A	20-5200	50 / 2	25 mm	straight
B	20-5201	50 / 2	25 mm	curved
C	20-5202	70 / 2¾	45 mm	straight
D	20-5203	70 / 2¾	45 mm	curved
E	20-5205	35 / 1½	7 mm	straight
F	20-5210	95 / 3¾	70 mm	straight

bold = shown



Micro Bulldog Clamps



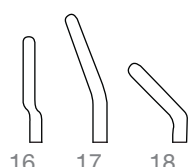


Fig.	Art.-No.	Length mm/"	Jaws
16	20-0500	27/1	12 mm
17	20-0501	26/1	12 mm
18	20-0502	23/1	12 mm



Schwartz Applying Forceps

Stainless Steel

Art.-No.	Length mm/"
20-0505	190/7½

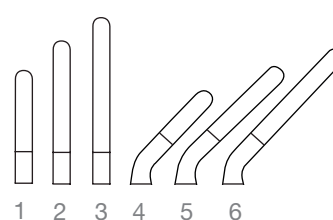
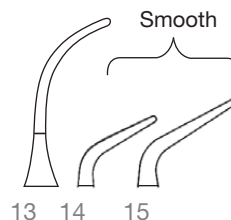
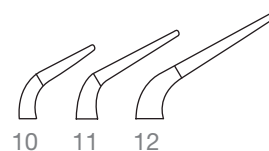
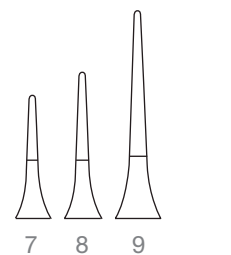


Fig.	Art.-No.	Length mm/"	Jaws	Weight	Force
1	20-0200	31/1¼	10 mm	1 g	170 g
2	20-0204	35/1½	12 mm	1 g	150 g
3	20-0208	39/1½	16 mm	1 g	120 g
4	20-0210	30/1¼	10 mm	1 g	170 g
5	20-0214	33/1¼	12 mm	1 g	150 g
6	20-0218	36/1½	16 mm	1 g	120 g

Featherlight



Diethrich

Strong

Fig.	Art.-No.	Length mm/"	Jaws	Weight	Force
7	20-0270	48/1¾	8 mm	3 g	170 g
8	20-0271	53/2	12 mm	3 g	190 g
9	20-0272	59/2¼	17 mm	3 g	200 g
10	20-0280	43/1½	8 mm	3 g	215 g
11	20-0281	47/1¾	12 mm	3 g	215 g
12	20-0282	50/2	19 mm	3 g	210 g
13	20-0283	54/2	16 mm	3 g	200 g
14	20-0285	44/1¾	13 mm	3 g	200 g
15	20-0286	47/1¾	18 mm	3 g	200 g

Standard

Fig.	Art.-No.	Length mm/"	Jaws	Weight	Force
7	20-0300	48/1¾	8 mm	3 g	90 g
8	20-0301	53/2	12 mm	3 g	95 g
9	20-0302	59/2¼	17 mm	3 g	90 g
10	20-0310	43/1½	8 mm	3 g	95 g
11	20-0311	47/1¾	12 mm	3 g	75 g
12	20-0312	50/2	19 mm	3 g	90 g
13	20-0313	54/2	16 mm	3 g	90 g
14	20-0315	44/1¾	13 mm	3 g	100 g
15	20-0316	47/1¾	18 mm	3 g	75 g



Micro and Atraumatic Bulldog Clamps

20-0319

20-0346



20-0349

Wickham Applying Forceps

Micro and Atraumatic Bulldog Clamps

GEISTER®



20-5440
Applying and Removing Forceps



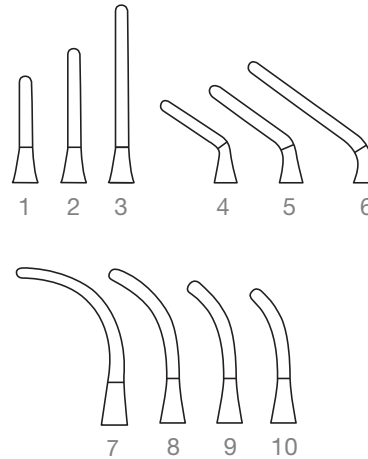
Atraumatic Bulldog Clamps



Diethrich

with DeBaKey Jaws

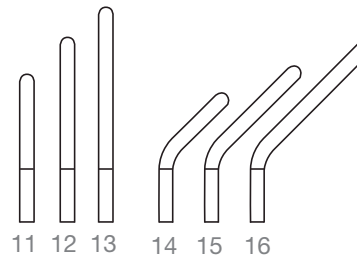
Fig.	Art.-No.	Length mm / "	Jaws	Weight	Force
1	20-0318	47/1¾	10 mm	3g	180g
2	20-0320	51/2	14 mm	3g	180g
3	20-0322	57/2¼	20 mm	3g	180g
4	20-0319	44/1¾	10 mm	3g	180g
5	20-0321	46/1¾	14 mm	3g	180g
6	20-0323	51/2	20 mm	3g	180g
7	20-0324	54/2	20 mm	3g	180g
8	20-0327	56/2¼	19 mm	3g	180g
9	20-0326	50/2	13 mm	3g	180g
10	20-0325	48/1¾	10 mm	3g	180g



Wickham

with Cooley Jaws, handle with hole

Fig.	Art.-No.	Length mm / "	Jaws	Weight	Force
11	20-0340	49/2	11 mm	3g	230g
12	20-0341	54/2	16 mm	3g	170g
13	20-0342	58/2¼	21 mm	3g	170g
14	20-0345	47/1¾	11 mm	3g	170g
15	20-0346	50/2	16 mm	3g	230g
16	20-0347	53/2	21 mm	3g	170g



Wickham Applying Forceps

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

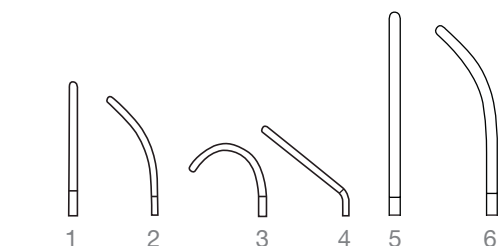
Micro Bulldog Clamps

GEISTER®



Applying and Removing Forceps

Art.-No. Length mm / "
20-5440 240/9½



Weldon (Mini-Glover)

Fig.	Art.-No.	Length mm / "	Jaws	Weight
1	20-0400	35/1½	14 mm	1.2g
2	20-0401	35/1½	14 mm	1.2g
3	20-0402	29/1¼	14 mm	1.2g
4	20-0403	31/1¼	14 mm	1.2g
5	20-0405	47/1¾	17 mm	1.6g
6	20-0406	45/1¾	17 mm	1.6g



* Available with low occlusion pressure (approx. 110 g, marked with V) and high occlusion pressure (approx. 220 g, marked with A).

Illustrations not 1:1



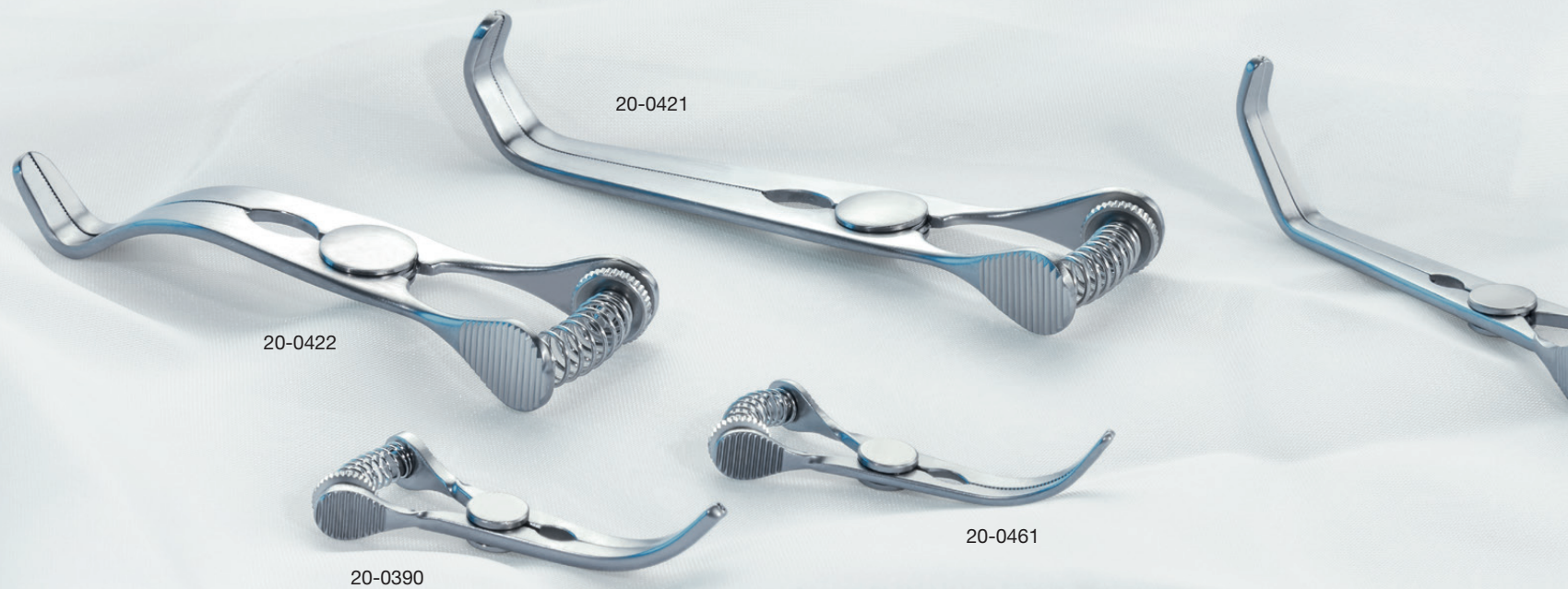
Mini-Glover Titanium(grey)

Fig.	Art.-No.	Length mm / "	Jaws	Weight	Type*
7	20-5450	30/1¼	13 mm	0.8g	V
7	20-5451	30/1¼	13 mm	0.8g	A
8	20-5452	35/1½	18 mm	0.8g	V
8	20-5453	35/1½	18 mm	0.8g	A
9	20-5454	40/1½	18 mm	0.8g	V
9	20-5455	40/1½	18 mm	0.8g	A
10	20-5456	48/1¾	28 mm	0.8g	V
10	20-5457	48/1¾	28 mm	0.8g	A
11	20-5460	30/1¼	13 mm	0.8g	V
11	20-5461	30/1¼	13 mm	0.8g	A
12	20-5462	35/1½	18 mm	0.8g	V
12	20-5463	35/1½	18 mm	0.8g	A
13	20-5464	40/1½	18 mm	0.8g	V
13	20-5465	40/1½	18 mm	0.8g	A
14	20-5466	48/1¾	25 mm	0.8g	V
14	20-5467	48/1¾	25 mm	0.8g	A
15	20-5470	30/1¼	12 mm	0.8g	V
15	20-5471	30/1¼	12 mm	0.8g	A
16	20-5472	35/1½	17 mm	0.8g	V
16	20-5473	35/1½	17 mm	0.8g	A
17	20-5474	40/1½	17 mm	0.8g	V
17	20-5475	40/1½	17 mm	0.8g	A
18	20-5476	45/1¾	23 mm	0.8g	V
18	20-5477	45/1¾	23 mm	0.8g	A

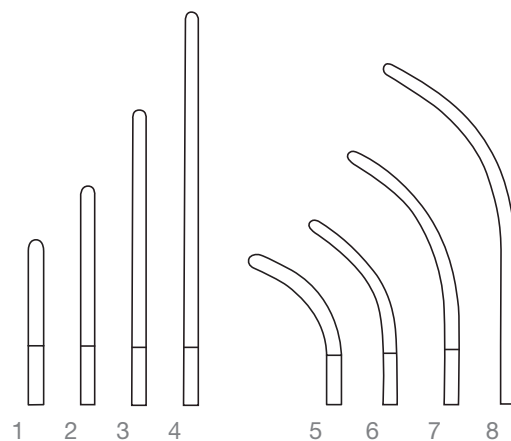
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Atraumatic Bulldog Clamps



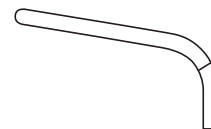
Adjustable closing pressure



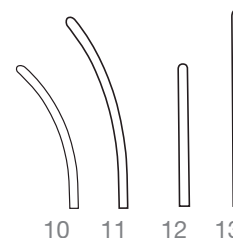
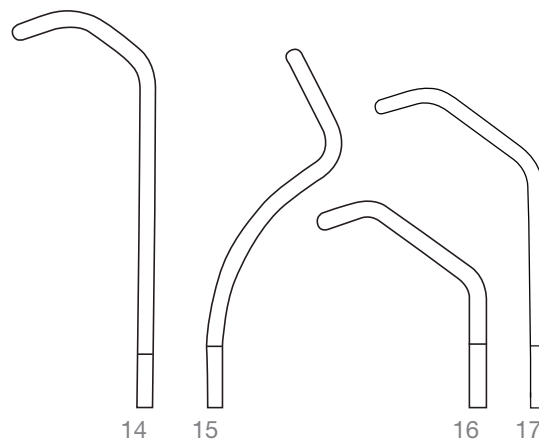
Glover (delicate)

with DeBaKey Jaws

Fig.	Art.-No.	Length mm / "	Jaws	Weight
1	20-0388	40/1½	16 mm	5g
2	20-0380	50/2	20 mm	5g
3	20-0381	70/2¾	32 mm	9g
4	20-0382	85/3¼	48 mm	12g
5	20-0389	36/1½	16 mm	5g
6	20-0390	46/1¾	20 mm	5g
7	20-0391	64/2½	35 mm	9g
8	20-0392	78/3	50 mm	12g
9	20-0395	55/2¼	25 mm	7g



20-0420



Jacobsen Micro

Fig.	Art.-No.	Length mm / "	Jaws
10	20-0326	35/1½	12 mm
11	20-0461	46/1¾	18 mm
12	20-0465	40/1½	12 mm
13	20-0460	50/2	22 mm



Satinsky

with DeBaKey Jaws

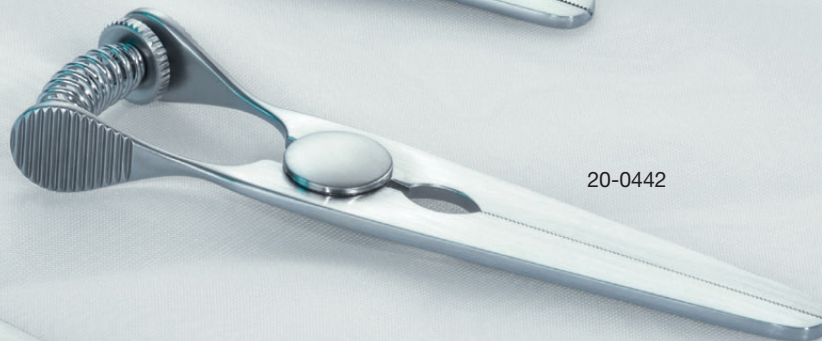
Fig.	Art.-No.	Length mm / "	Jaws
14	20-0421	100/4	58 mm
15	20-0422	88/3½	41 mm
16	20-0419	55/2¼	30 mm
17	20-0420	70/2¾	48 mm



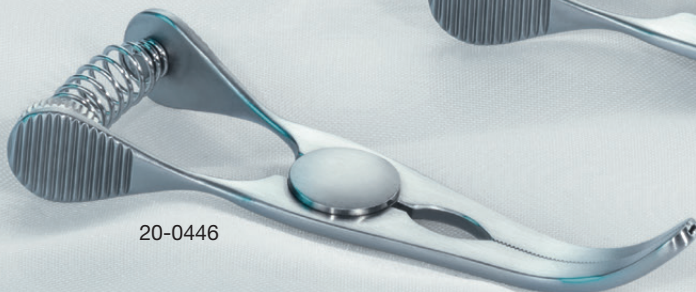
Atraumatic Bulldog Clamps



20-0452

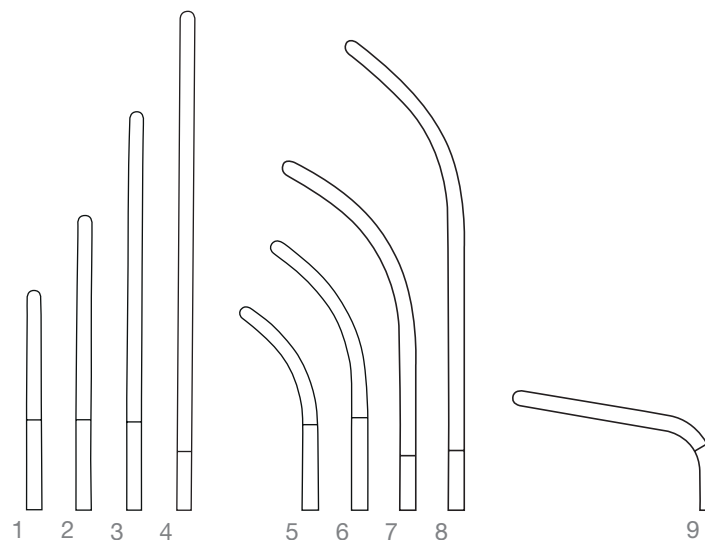


20-0442



20-0446

Adjustable closing pressure



Illustrations not 1:1



Glover

with DeBakey Jaws, heavy pattern, straight

Fig.	Art.-No.	Length mm / "	Jaws
1	20-0450	70/2¾	18 mm
2	20-0451	80/3¼	27 mm
3	20-0452	95/3¾	43 mm
4	20-0453	115/4½	60 mm

curved

Fig.	Art.-No.	Length mm / "	Jaws
5	20-0455	65/2½	20 mm
6	20-0456	75/3	30 mm
7	20-0457	85/3¼	43 mm
8	20-0458	105/4¼	60 mm
9	20-0459	60/2½	27 mm



Glover

with Cooley Jaws, heavy pattern, straight

Fig.	Art.-No.	Length mm / "	Jaws
1	20-0440	70/2¾	18 mm
2	20-0441	80/3¼	28 mm
3	20-0442	95/3¾	42 mm
4	20-0443	115/4½	60 mm

curved

Fig.	Art.-No.	Length mm / "	Jaws
5	20-0445	65/2½	18 mm
6	20-0446	75/3	28 mm
7	20-0447	85/3¼	42 mm
8	20-0448	105/4¼	60 mm
9	20-0449	60/2½	28 mm

bold = shown



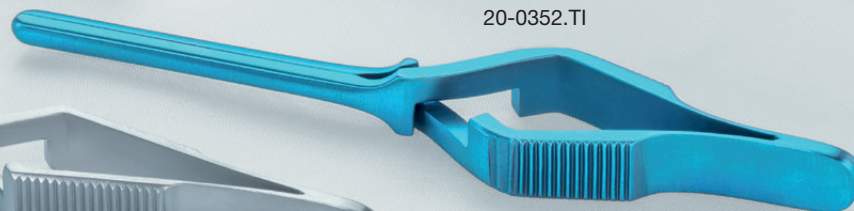
Atraumatic Bulldog Clamps



20-0375



20-0361



20-0352.TI

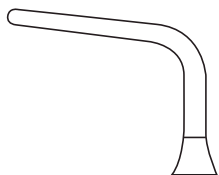


20-0330

20-0378
Applying Forceps

Atraumatic Bulldog Clamps

GEISTER®

**Santulli**

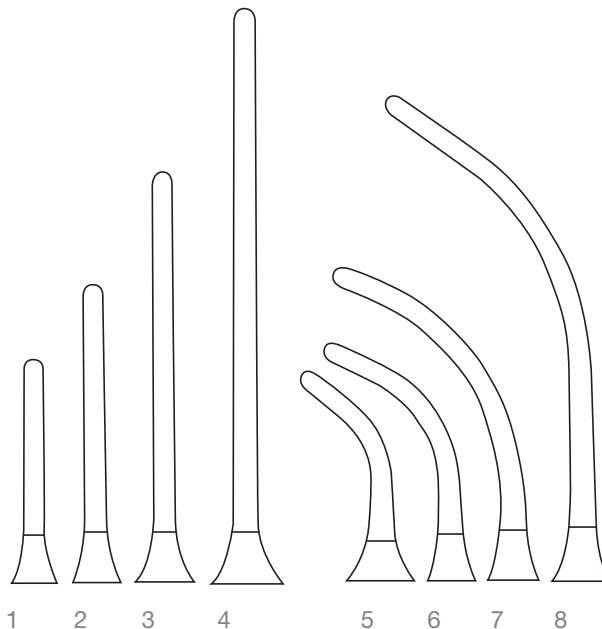
with DeBailey Jaw

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

**Applying Forceps**

for cross-action bulldog clamps

Art.-No.	Length mm / "
20-0378	245/9¾

**DeBailey**

with DeBailey Jaws, Stainless Steel

Fig.	Art.-No.	Length mm / "	Jaws
1	20-0350	80/3¼	25 mm
2	20-0351	90/3½	35 mm
3	20-0352	105/4¼	50 mm
4	20-0353	125/5	68 mm
5	20-0360	75/3	25 mm
6	20-0361	85/3¼	35 mm
7	20-0362	95/3¾	50 mm
8	20-0363	115/4½	68 mm

Titanium

Fig.	Art.-No.	Length mm / "	Jaws
1	20-0350.TI	80/3¼	25 mm
2	20-0351.TI	90/3½	35 mm
3	20-0352.TI	105/4¼	50 mm
4	20-0353.TI	125/5	68 mm
5	20-0360.TI	75/3	25 mm
6	20-0361.TI	85/3¼	35 mm
7	20-0362.TI	95/3¾	50 mm
8	20-0363.TI	115/4½	68 mm

**Cooley**

with Cooley Jaws

Fig.	Art.-No.	Length mm / "	Jaws
1	20-0330	80/3¼	24 mm
2	20-0331	90/3½	34 mm
3	20-0332	105/4¼	47 mm
4	20-0333	125/5	68 mm
5	20-0336	75/3	24 mm
6	20-0337	85/3¼	34 mm
7	20-0338	95/3¾	47 mm
8	20-0339	115/4½	68 mm

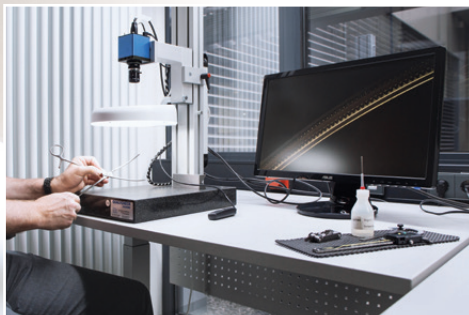


QUALITY GUARANTEE

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



20-0377



20-0376



20-0622



20-0378
Applying Forceps



20-0371



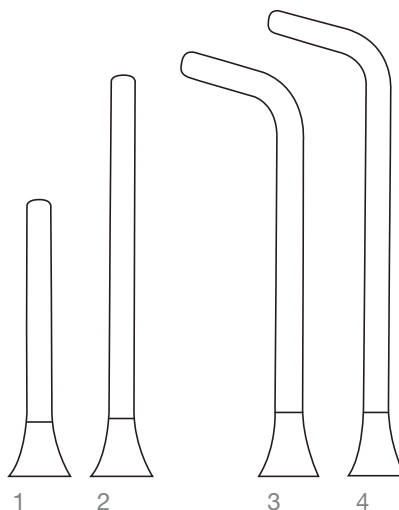
Atraumatic Bulldog Clamps



Gregory, soft

with DeBaKey Jaws

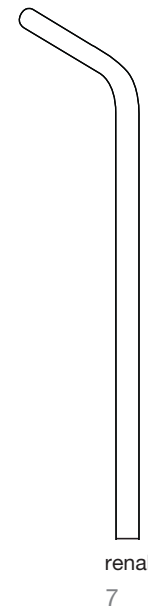
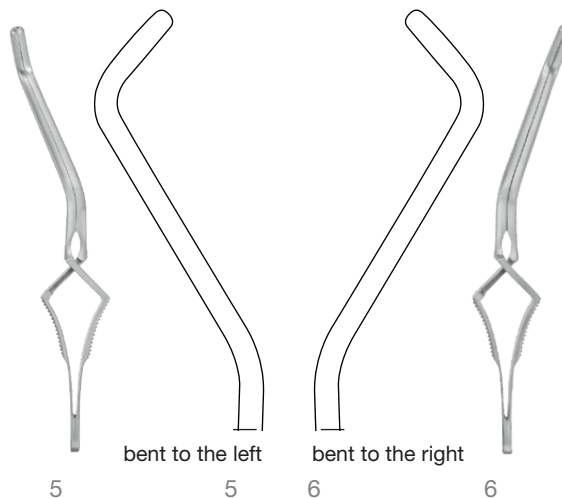
Fig.	Art.-No.	Length mm / "	Jaws
1	20-0370	85/3¼	30 mm
2	20-0371	100/4	45 mm
3	20-0372	105/4¼	55 mm
4	20-0373	110/4¼	60 mm

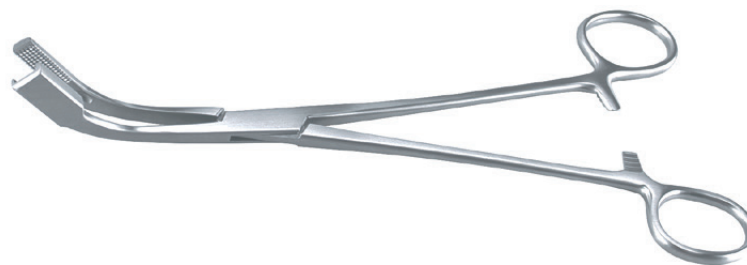


Gregory, soft

with DeBaKey Jaws

Fig.	Art.-No.	Length mm / "	Jaws
5	20-0376	110/4¼	60 mm
6	20-0377	110/4¼	60 mm
7	20-0374	125/5	70 mm

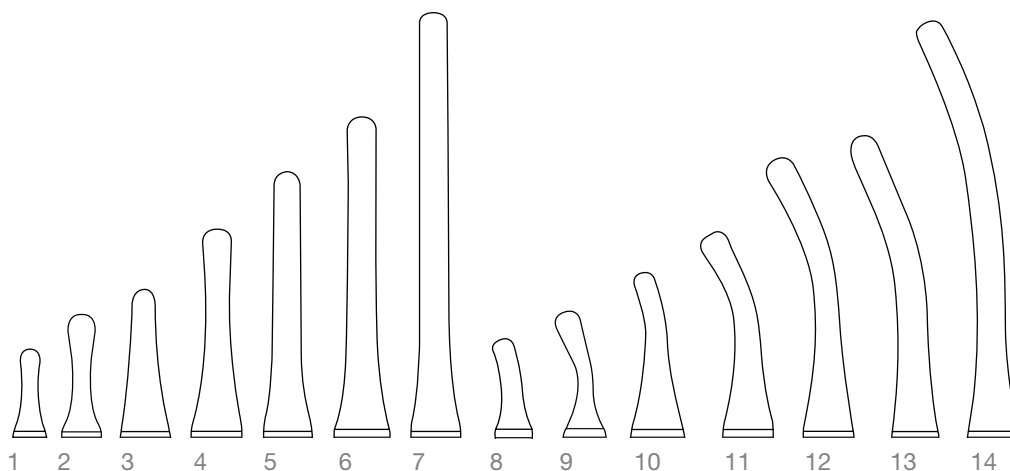




Applying Forceps

for cross-action bulldog clamps

Art.-No. Length mm / "
20-0378 245/9¾



Illustrations not 1:1



Johns-Hopkins

straight

Fig.	Art.-No.	Length mm / "	Jaws
1	20-0610	38/1½	12 mm
2	20-0611	48/2	16 mm
3	20-0612	57/2¼	20 mm
4	20-0613	63/2½	28 mm
5	20-0614	71/2¾	34 mm
6	20-0615	76/3	39 mm
7	20-0616	92/3½	56 mm

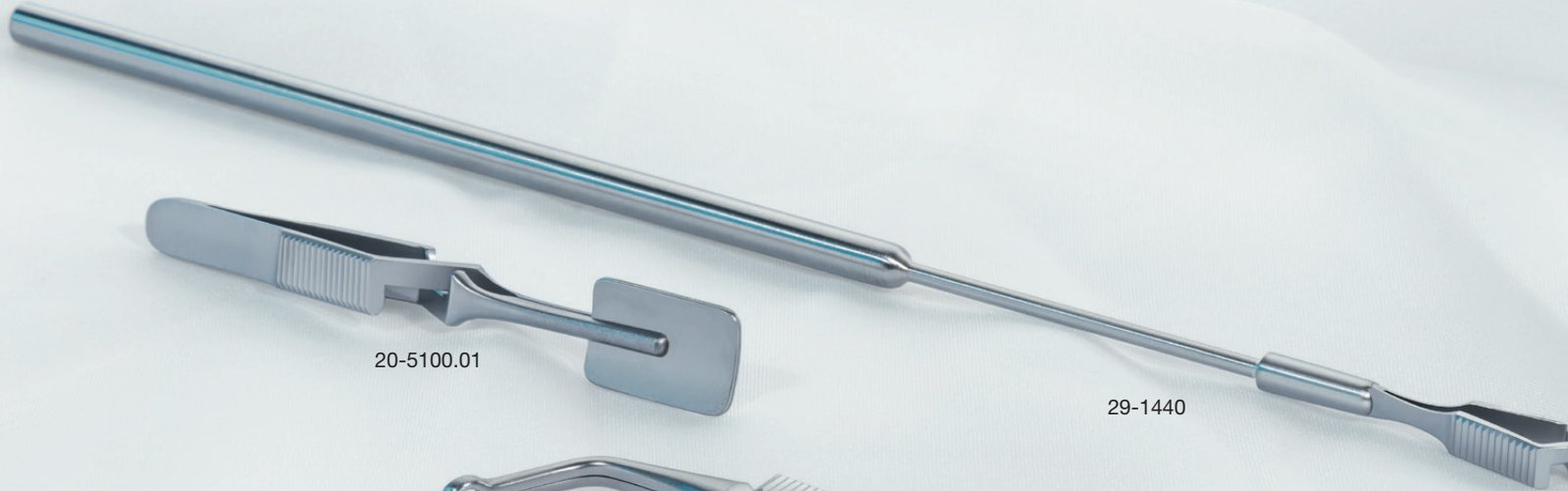
curved

Fig.	Art.-No.	Length mm / "	Jaws
8	20-0620	38/1½	12 mm
9	20-0621	48/2	16 mm
10	20-0622	57/2¼	20 mm
11	20-0623	63/2½	28 mm
12	20-0624	71/2¾	34 mm
13	20-0625	76/3	39 mm
14	20-0626	92/3½	56 mm

bold = shown



Bulldog Clamps



20-5100.01

29-1440

20-0483



Shunt

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



20-0324



20-5100

20-5100.AR

Mohr

Glue Application Bulldog for fixation

Mohr Glue Application Bulldog

Smooth cup, curved

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

Outer cup serrated, curved

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

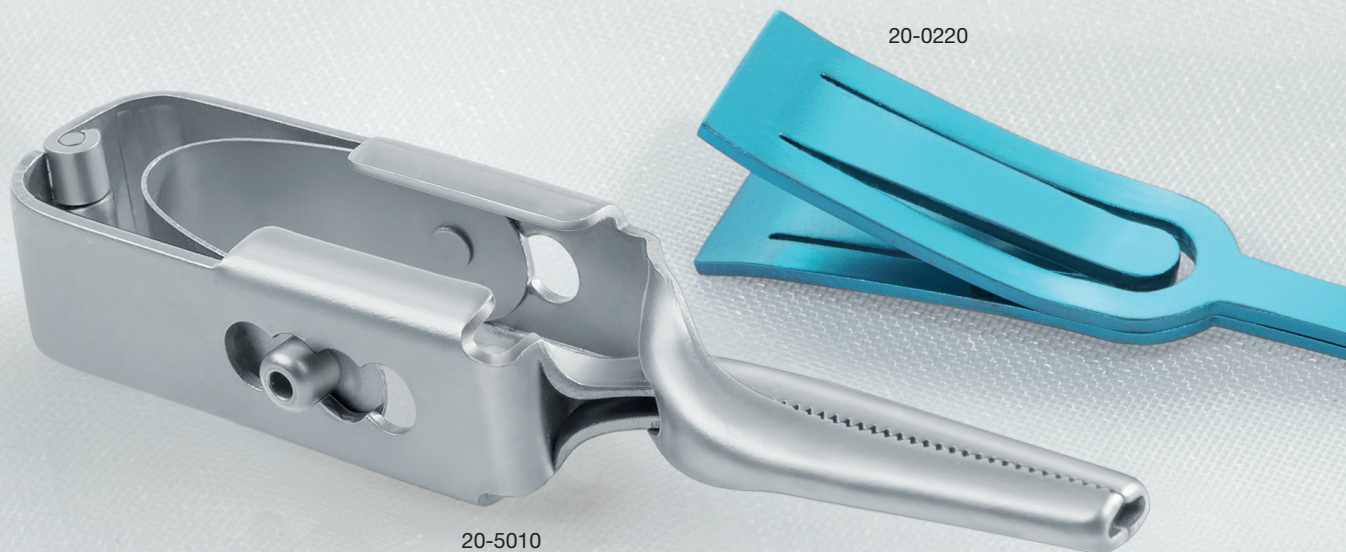
Bulldog Clamp with rod

20-0324 Bulldog Clamp

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



Micro Clamps



20-5010

20-0220



75-0072
Applying Forceps



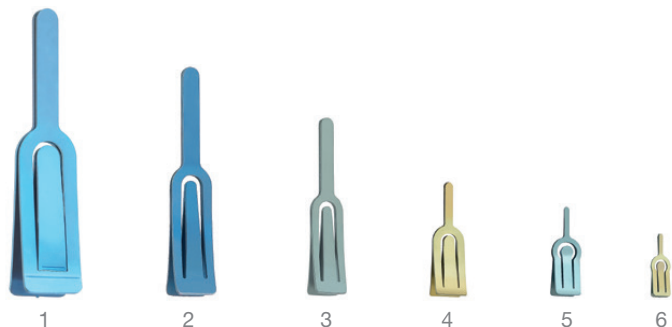


Micro Bulldog Clamps

These reusable, featherweight soft bulldog clamps are anti-magnetic, 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)

Fig.	Art.-No.	Length mm /"	Jaws	for Ø
1	20-0220	37.5 / 1½	15.0 mm	4 mm
2	20-0221	30 / 1¼	13.0 mm	4 mm
3	20-0222	24 / 1	10.0 mm	3 mm
4	20-0223	14 / ½	5.0 mm	2 mm
5	20-0224	11.5 / ½	4.0 mm	1 mm
6	20-0225	7.6 / ¼	2.5 mm	1 mm



Wolf Protection Bulldog

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

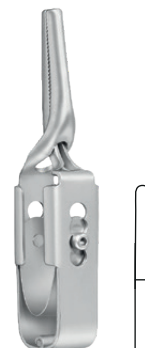
For pressure controlled preparation, opens at approx. 80 mm HG.

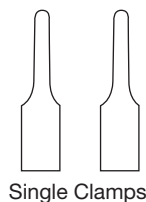


Senning

with Cooley Jaws, adjustable closing pressure

Art.-No.	Length mm /"
20-5010	45 / 1½





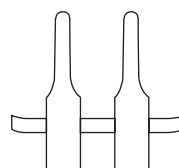
Single Clamps

Single Clamps (pair)

Size	Artery	Vein
#1	75-0397	75-0396
#2	75-0399	75-0398
#3	75-0401	75-0400
#4	75-0323	75-0w325
#5	75-0284	75-0286

Single Clamps black (pair)

Artery	Vein	Size	Length
75-0461	75-0462	0.3 - 1.0 mm	8 mm
75-0463	75-0464	0.6 - 1.4 mm	11 mm
75-0465	75-0466	1.0 - 2.2 mm	17 mm
75-0321	75-0329	1.5 - 3.3 mm	24 mm
75-0317	75-0327	2.0 - 5.0 mm	36 mm



Approximator

Approximator without
Frame, movable

Size	Artery	Vein
#1	75-0415	75-0414
#2	75-0417	75-0416
#3	75-0419	75-0418
#4	75-0324	75-0326
#5	75-0285	75-0287

Approximator without
Frame, movable black

Artery	Vein	Size	Length
75-0479	75-0480	0.3 - 1.0 mm	8 mm
75-0481	75-0482	0.6 - 1.4 mm	11 mm
75-0483	75-0484	1.0 - 2.2 mm	17 mm
75-0319	75-0330	1.5 - 3.3 mm	24 mm
75-0315	75-0328	2.0 - 5.0 mm	36 mm

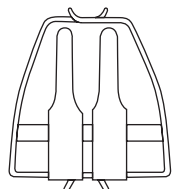
Applying Forceps

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



Approximator with Frame

Approximator with
Frame, movable

Size	Artery	Vein
#1	75-0409	75-0408
#2	75-0411	75-0410
#3	75-0413	75-0412

Approximator with
Frame, movable black

Artery	Vein	Size	Length
75-0473	75-0474	0.3 - 1.0 mm	8 mm
75-0475	75-0476	0.6 - 1.4 mm	11 mm
75-0477	75-0478	1.0 - 2.2 mm	17 mm



Approximators

GEISTER®



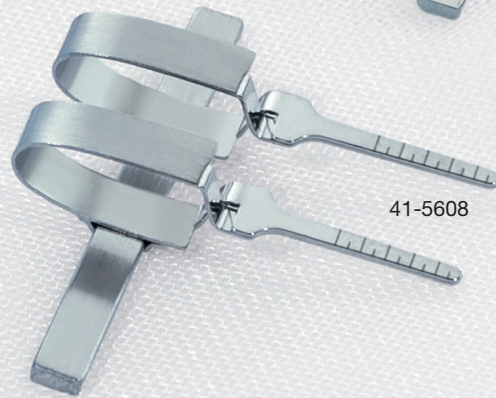
41-5613



41-5624



41-5604



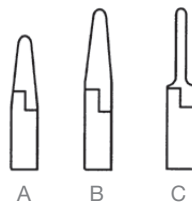
41-5608

41-5612
Biemer Applying Forceps



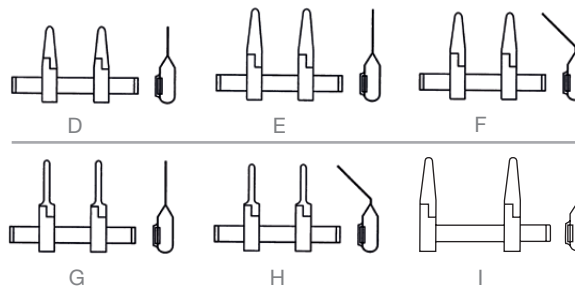
Biemer

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



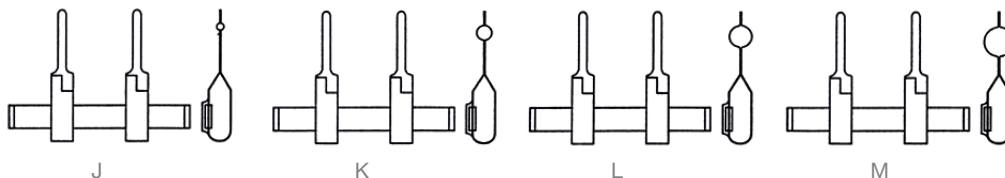
Biemer Approximators

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



Mueller Approximators

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



Applying Forceps

without catch

Art.-No.	Length mm/"
41-5610	145/5¾

with catch

Fig.	Art.-No.	Length mm/"
13	41-5612	145/5¾



13

Mehdorn



A



B



C



D

Fig.	Art.-No.	Jaws	Force	for Ø
A	41-5665	4.0 × 1.0 mm	10-15 g	0.5-1.5 mm
B	41-5666	4.0 × 1.4 mm	15-20 g	0.5-1.5 mm
C	41-5667	6.0 × 1.0 mm	10-15 g	0.5-1.5 mm
D	41-5668	6.0 × 1.4 mm	15-20 g	0.5-1.5 mm

Applying Forceps

for Mehdorn Clamps without catch



Art.-No.	Length mm/"	Description
41-5669	145 / 5 3/4	The position of the clamp in the applying forceps can be varied.



Mueller

straight

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

curved

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

Tips curved

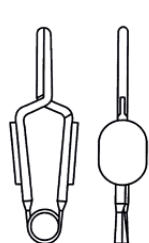
Fig.	Art.-No.	Force
H	41-5654	50 g
H	41-5655	80 g

angled

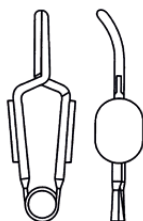
Fig.	Art.-No.	Force
G	41-5656	50 g
G	41-5657	80 g

knee-bent

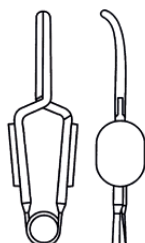
Fig.	Art.-No.	Force
I	41-5658	50 g
I	41-5659	80 g



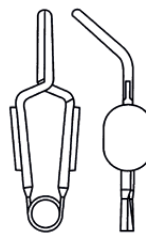
E



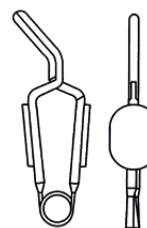
F



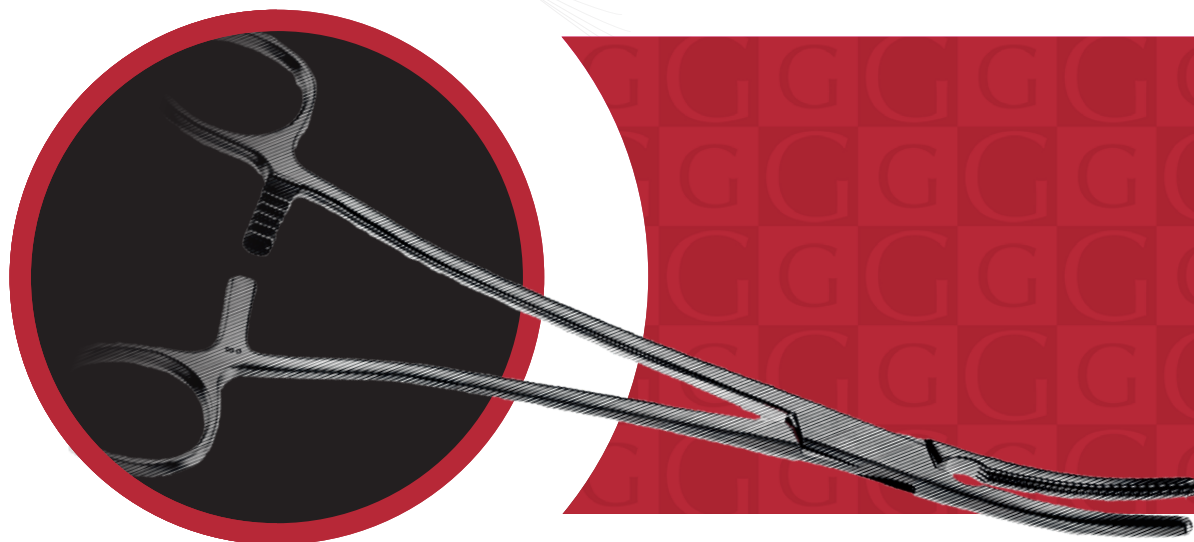
G



H



I



**Atraumatic Clamps | Liver Transplant Clamps
Intestinal Clamps | Atraumatic Clamps and Forceps**



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 surgery procedures since many years. Special narrow models and variations are available.



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

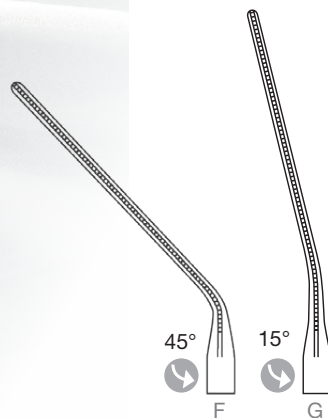
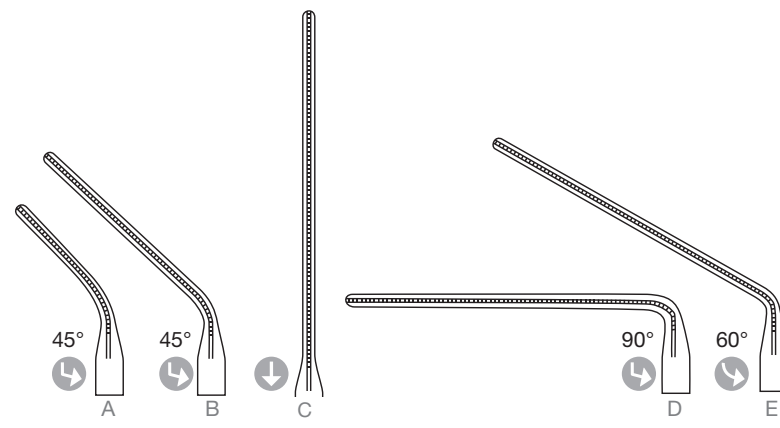
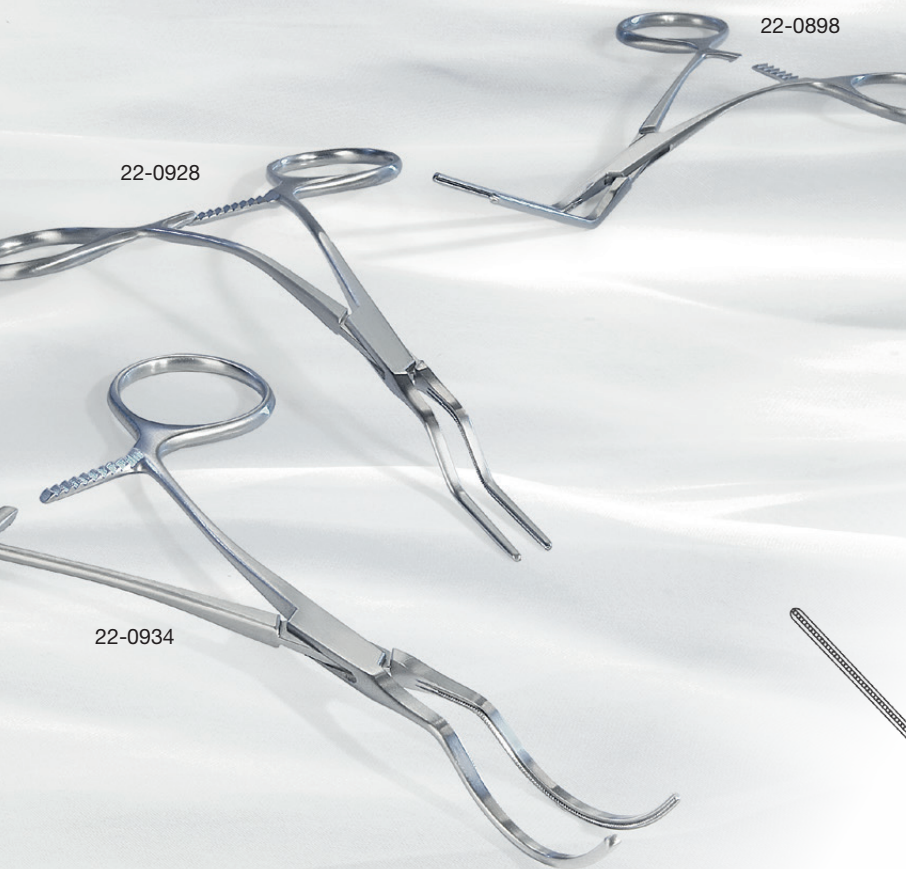


graduated jaws (5 mm)

Stainless Steel or Titanium



Atraumatic Clamps



Extra-Fine

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
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

 slightly angled shanks
 straight shanks

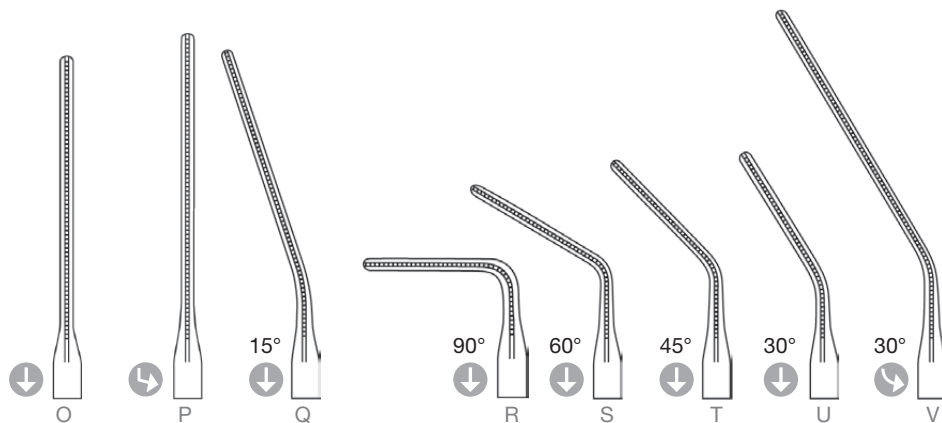
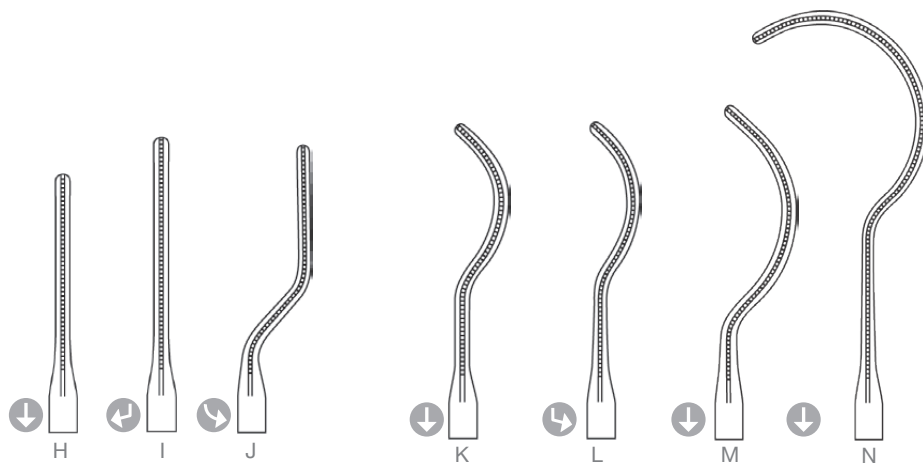
 angled shanks
 curved shanks

 graduated jaws

Illustrations not 1:1
bold = shown shown

Atraumatic Clamps

GEISTER®



Illustrations not 1:1

↓ straight shanks

↪ ↩ curved shanks

↪ ↩ slightly angled shanks

↪ ↩ angled shanks

↪ ↩ graduated jaws

bold = shown shown

Extra-Fine

with DeBaKey Jaws

Fig.	Art.-No.	Length 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

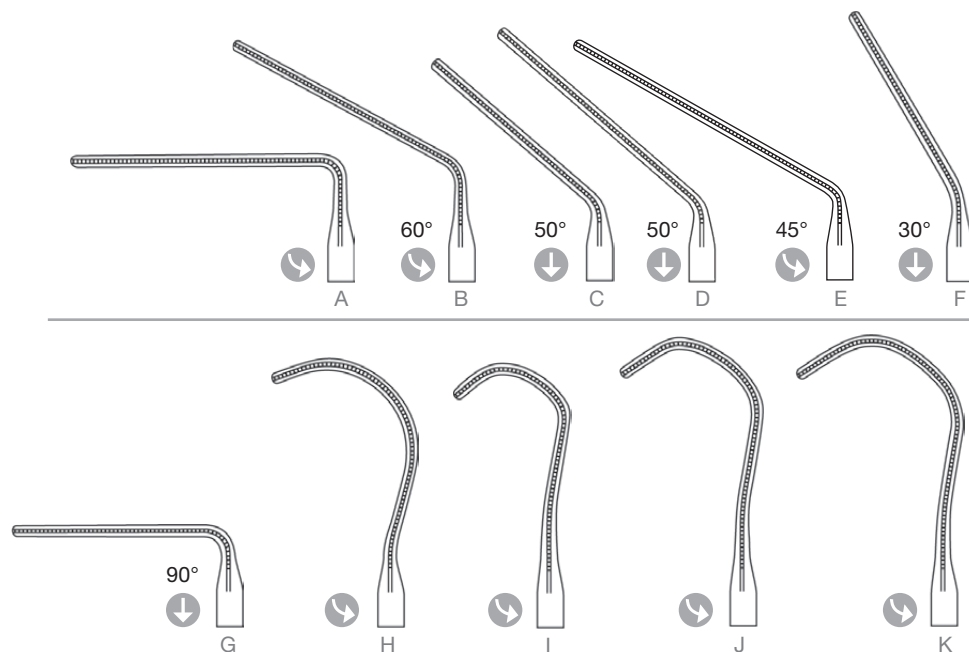
Fig.	Art.-No.	Length mm / "	
K	22-0932	150/6	str. shanks/20 mm
L	22-0933	145/5¼	ang. shanks/20 mm
M	22-0934	155/6	str. shanks/28 mm
N	22-0936	170/6¾	str. shanks/28 mm

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	145/5¼	str. shanks/20 mm
T	22-0904	145/5¼	str. shanks/20 mm
U	22-0902	145/5¼	str. shanks/16 mm
V	22-0914	160/6¼	cvd. shanks/40 mm



Atraumatic Clamps



Extra-Fine

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "		Fig.	Art.-No.	Length mm / "	
A	22-0919	140 / 5½	cvd. shanks/37 mm	G	22-0922	105 / 4¼	str. shanks/30 mm
B	22-0918	155 / 6	cvd. shanks/36 mm	H	22-0939	120 / 4¾	cvd. shanks/26 mm
C	22-0920	120 / 4¾	str. shanks/30 mm	I	22-0940	145 / 5¾	cvd. shanks/16 mm
D	22-0917	155 / 6	str. shanks/37 mm	J	22-0941	145 / 5¾	cvd. shanks/21 mm
E	22-0916	160 / 6¼	cvd. shanks/37 mm	K	22-0942	160 / 6¼	cvd. shanks/26 mm
F	22-0915	120 / 4¾	str. shanks/30 mm				

slightly angled shanks
 straight shanks

angled shanks
 curved shanks

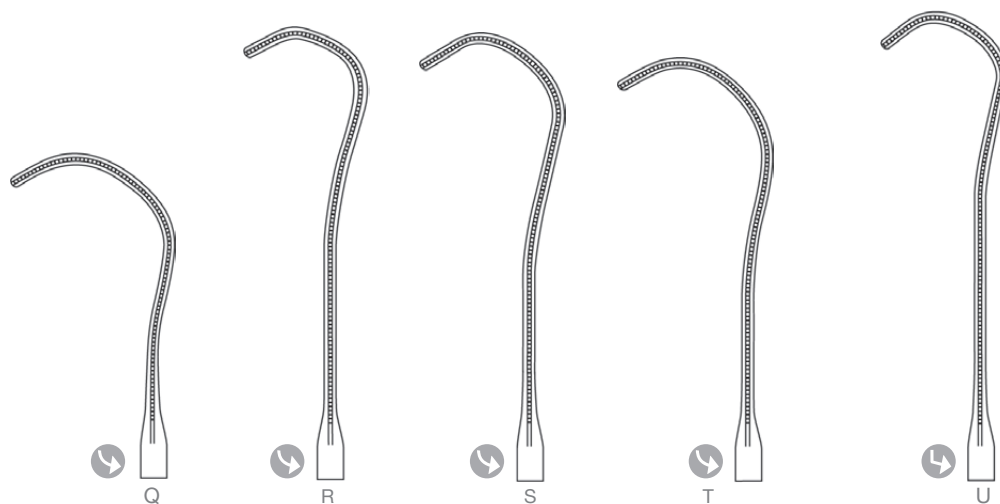
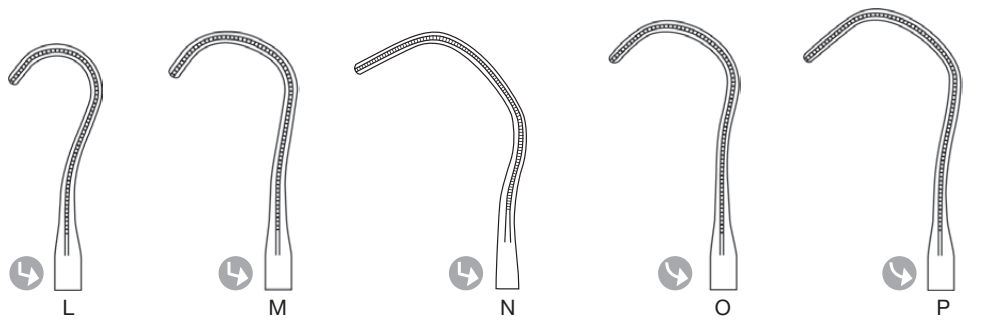
graduated jaws

bold = shown shown

Illustrations not 1:1
bold = shown shown

Atraumatic Clamps

GEISTER®



Extra-Fine with DeBakey Jaws

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

Illustrations not 1:1

straight shanks

curved shanks

slightly angled shanks

angled shanks

graduated jaws

bold = shown shown



22-0972

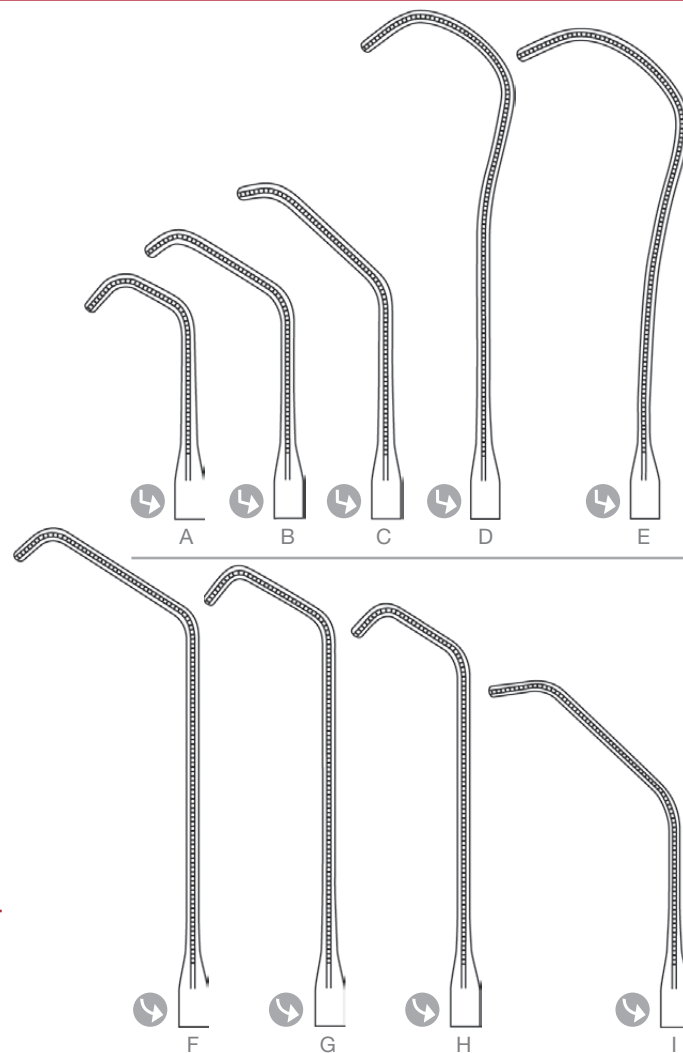


Extra-Fine

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

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



curved shanks
 straight shanks

slightly angled shanks

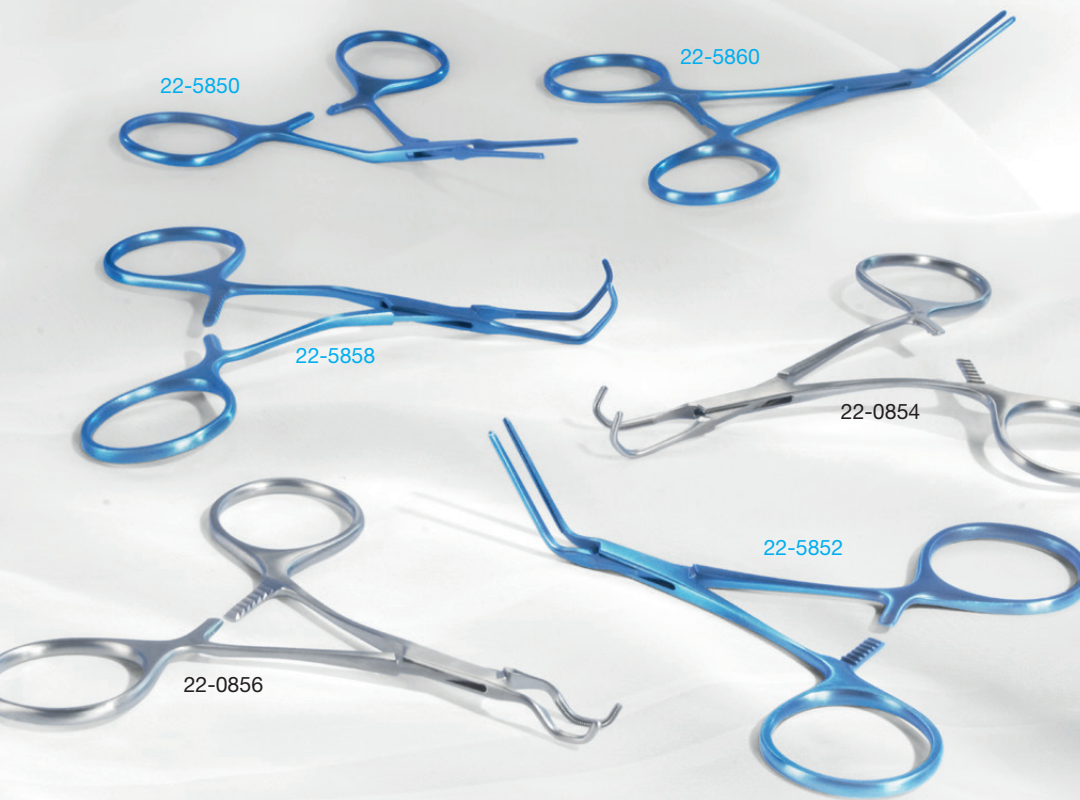
angled shanks

graduated jaws

Illustrations not 1:1
 * **bold** = shown

Atraumatic Miniature Clamps

GEISTER®



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

Illustrations not 1:1

↓ straight shanks

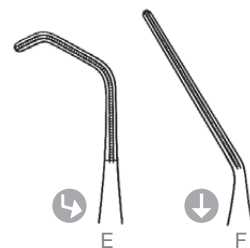
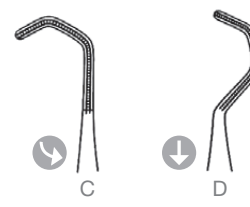
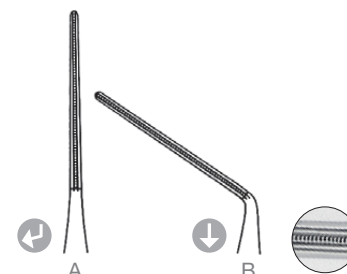
↻ ↻ curved shanks

↻ ↻ slightly angled shanks

↻ ↻ angled shanks

▨ graduated jaws

bold = shown shown



Castaneda-Premie

with DeBakey Jaws

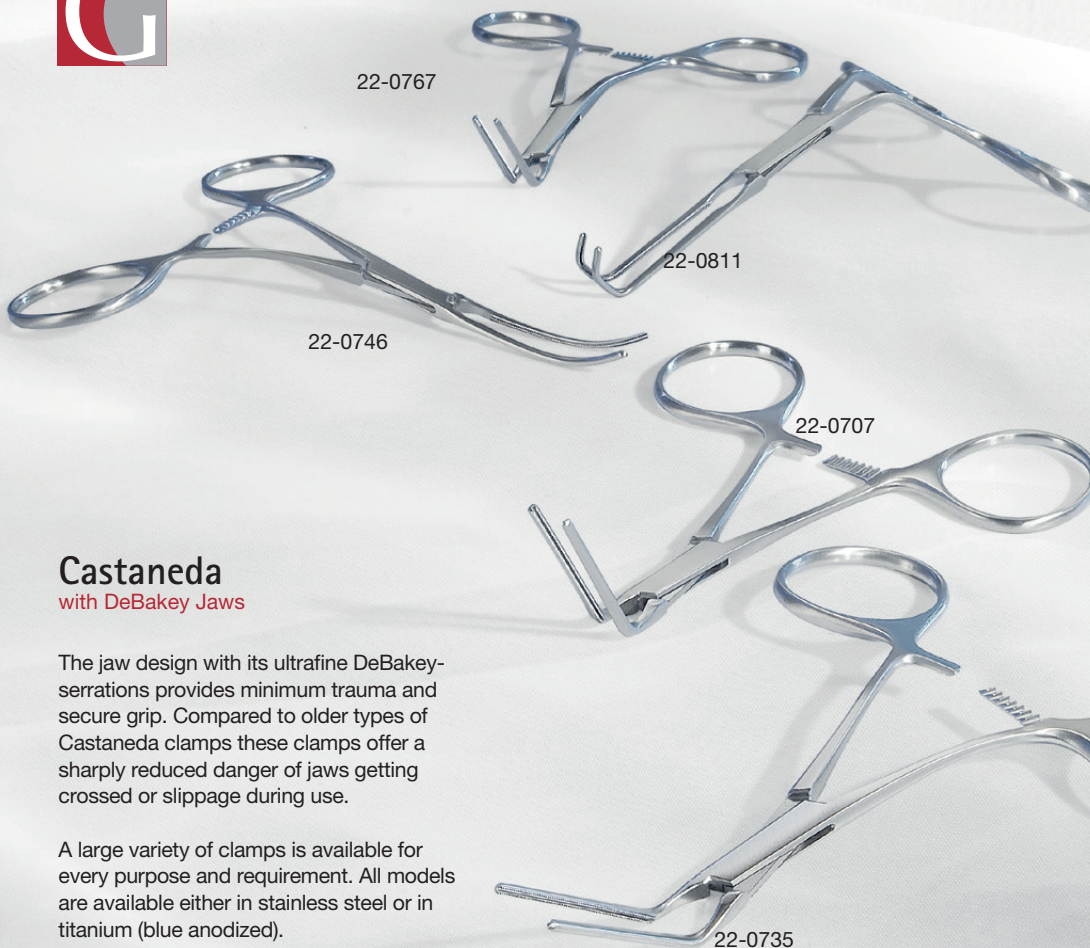
Fig.	Art.-No.	Length mm / "
A	22-0850	105 / 4¼
B	22-0852	105 / 4¼
C	22-0854	105 / 4¼
D	22-0856	105 / 4¼
E	22-0858	105 / 4¼
F	22-0860	105 / 4¼

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



Atraumatic Miniature Clamps

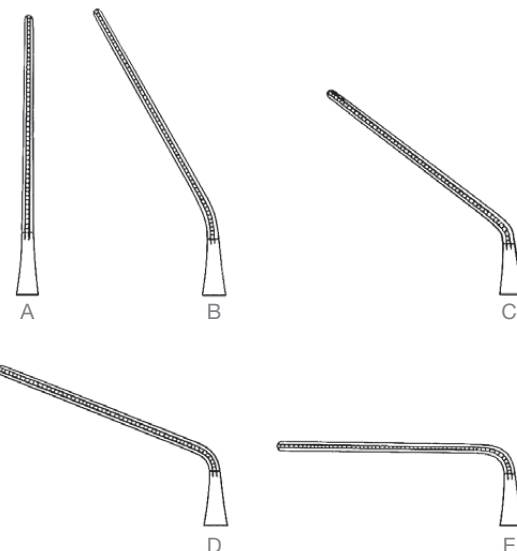


Castaneda

with DeBakey Jaws

The jaw design with its ultrafine DeBakey-serrations provides minimum trauma and secure grip. Compared to older types of Castaneda clamps these clamps offer a sharply reduced danger of jaws getting crossed or slippage during use.

A large variety of clamps is available for every purpose and requirement. All models are available either in stainless steel or in titanium (blue anodized).



DeBakey-Castaneda

Fig.	shanks Art.-No.	shanks Art.-No.	shanks Art.-No.	shanks Art.-No.
A	22-0700	22-0730	22-0760	22-0790
A	22-5700	22-5730	22-5760	22-5790
B	22-0703	22-0733	22-0763	22-0793
B	22-5703	22-5733	22-5763	22-5793
C	22-0705	22-0735	22-0765	22-0795
C	22-5705	22-5735	22-5765	22-5795
D	22-0707	22-0737	22-0767	22-0797
D	22-5707	22-5737	22-5767	22-5797
E	22-0709	22-0739	22-0769	22-0799
E	22-5709	22-5739	22-5769	22-5799

bold = shown shown

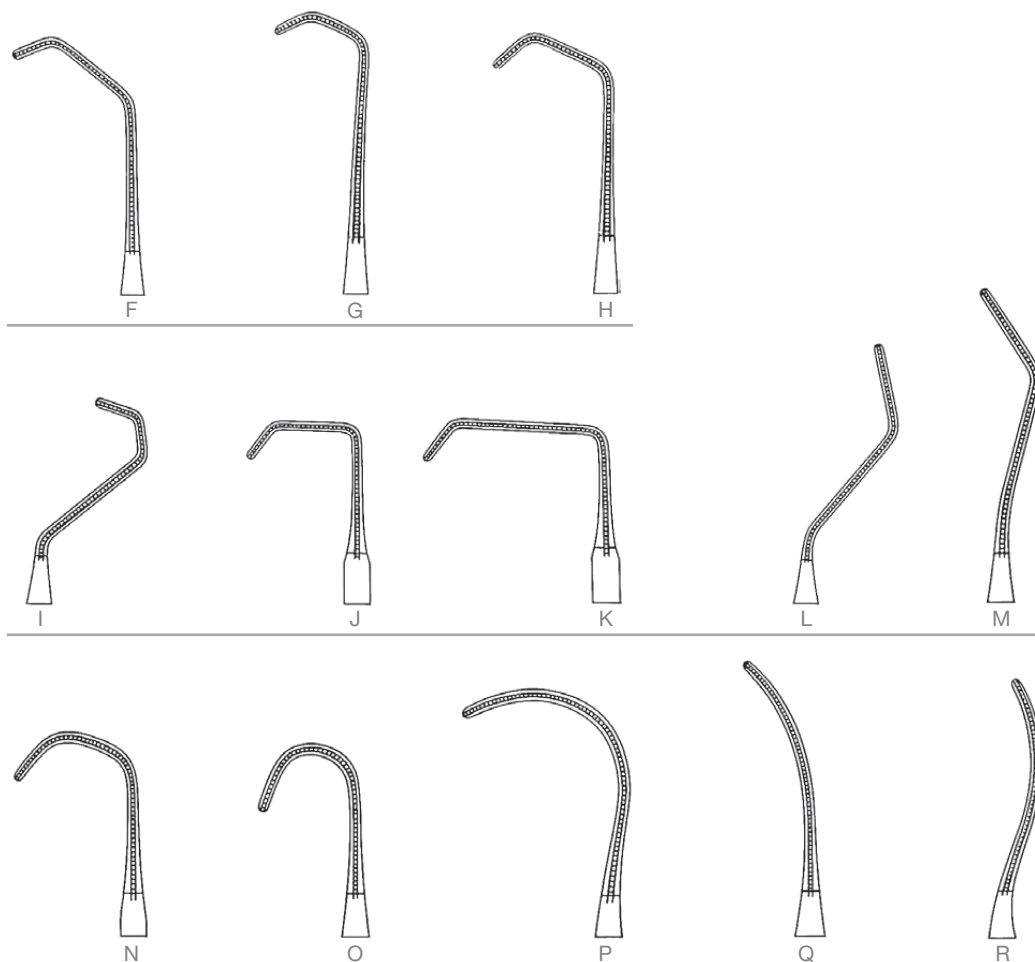
Illustrations not 1:1

↓ straight shanks
↓ curved shanks

↘ slightly angled shanks
↘ angled shanks

Atraumatic Miniature Clamps

GEISTER®



DeBakey-Castaneda

Fig.	shanks Art.-No.	shanks Art.-No.	shanks Art.-No.	shanks Art.-No.
F	22-0710	22-0750	22-0780	22-0810
F	22-5710	22-5750	22-5780	22-5810
G	22-0721	22-0751	22-0781	22-0811
G	22-5721	22-5751	22-5781	22-5811
H	22-0722	22-0752	22-0782	22-0812
H	22-5722	22-5752	22-5782	22-5812
I	22-0723	22-0753	22-0783	—
I	22-5723	22-5753	22-5783	—
J	22-0711	22-0741	22-0771	—
J	22-5711	22-5741	22-5771	—
K	22-0712	22-0742	22-0772	—
K	22-5712	22-5742	22-5772	—
L	22-0726	22-0756	22-0786	—
L	22-5726	22-5756	22-5786	—
M	22-0727	22-0757	22-0787	—
M	22-5727	22-5757	22-5787	—
N	22-0713	22-0743	22-0773	—
N	22-5713	22-5743	22-5773	—
O	22-0714	22-0744	22-0774	—
O	22-5714	22-5744	22-5774	—
P	22-0715	22-0745	22-0775	—
P	22-5715	22-5745	22-5775	—
Q	22-0716	22-0746	22-0776	—
Q	22-5716	22-5746	22-5776	—
R	22-0717	22-0747	22-0777	—
R	22-5717	22-5747	22-5777	—

Illustrations not 1:1

↓ straight shanks

↶ ↷ curved shanks

↶ ↷ slightly angled shanks

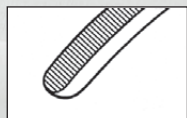
↶ ↷ angled shanks

↶ ↷ graduated jaws

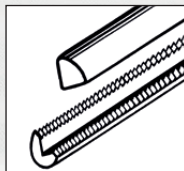
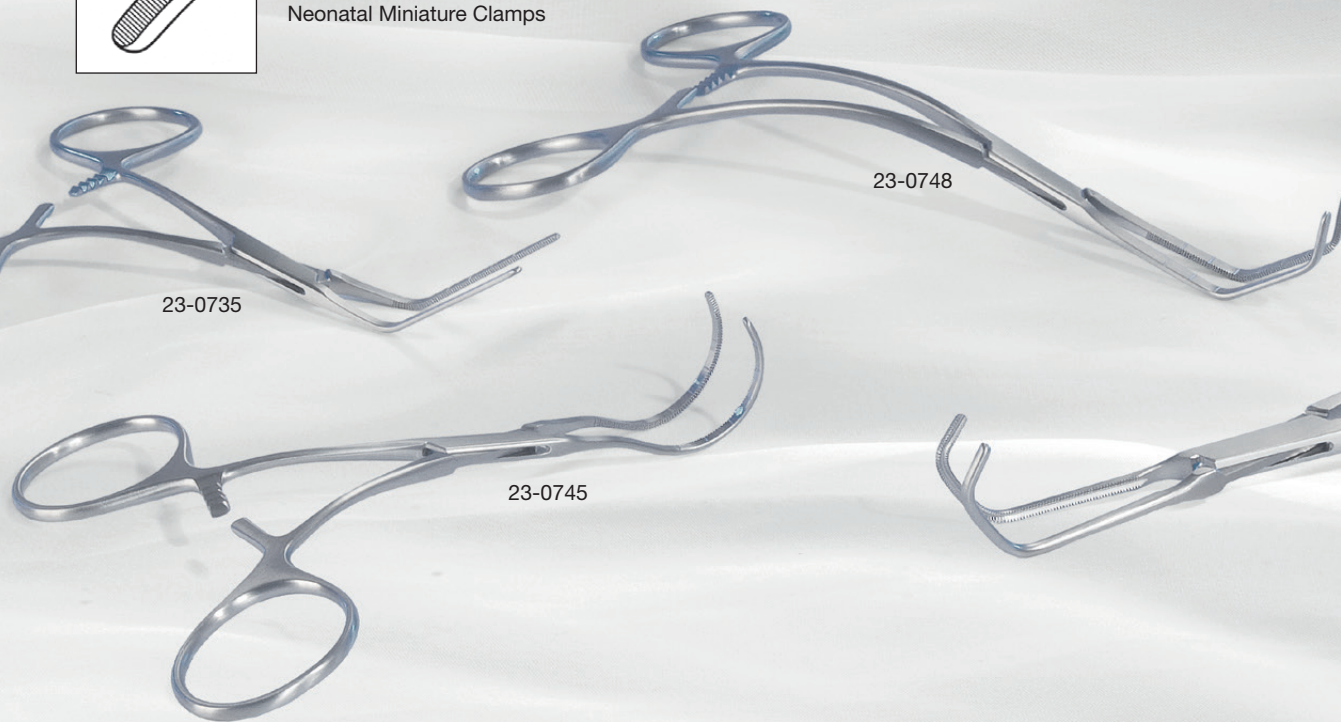
bold = shown shown



Atraumatic Miniature Clamps

**Castaneda**

Neonatal Miniature Clamps

**Infant**

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

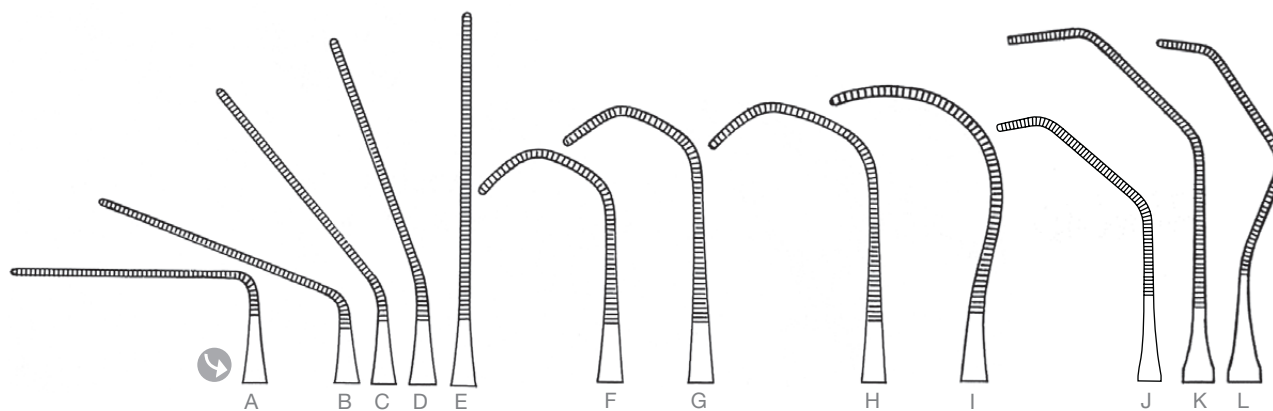
Infant

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



Illustrations not 1:1

straight shanks

curved shanks

slightly angled shanks

angled shanks

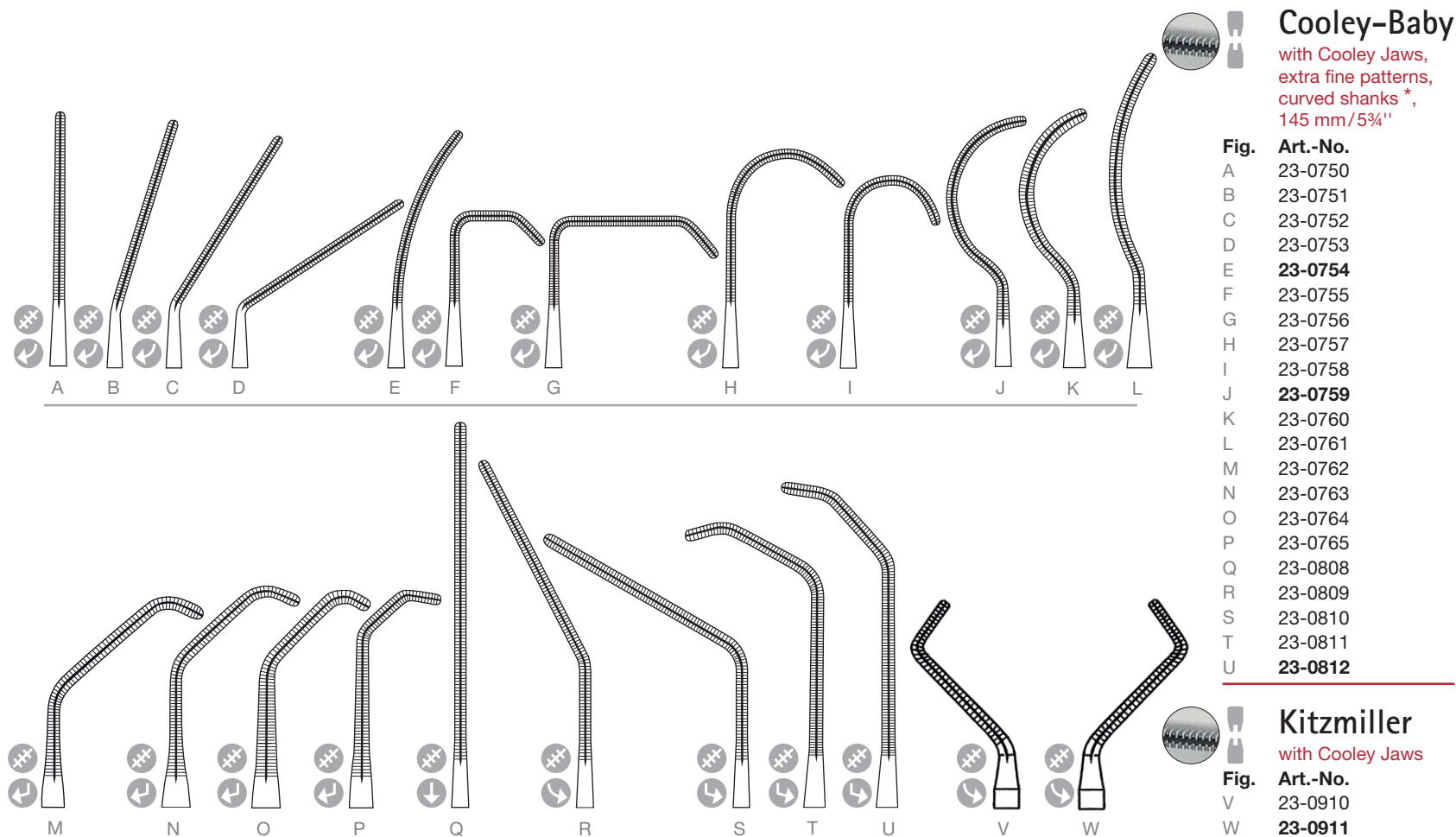
graduated jaws

bold = shown shown



Atraumatic Miniature Clamps





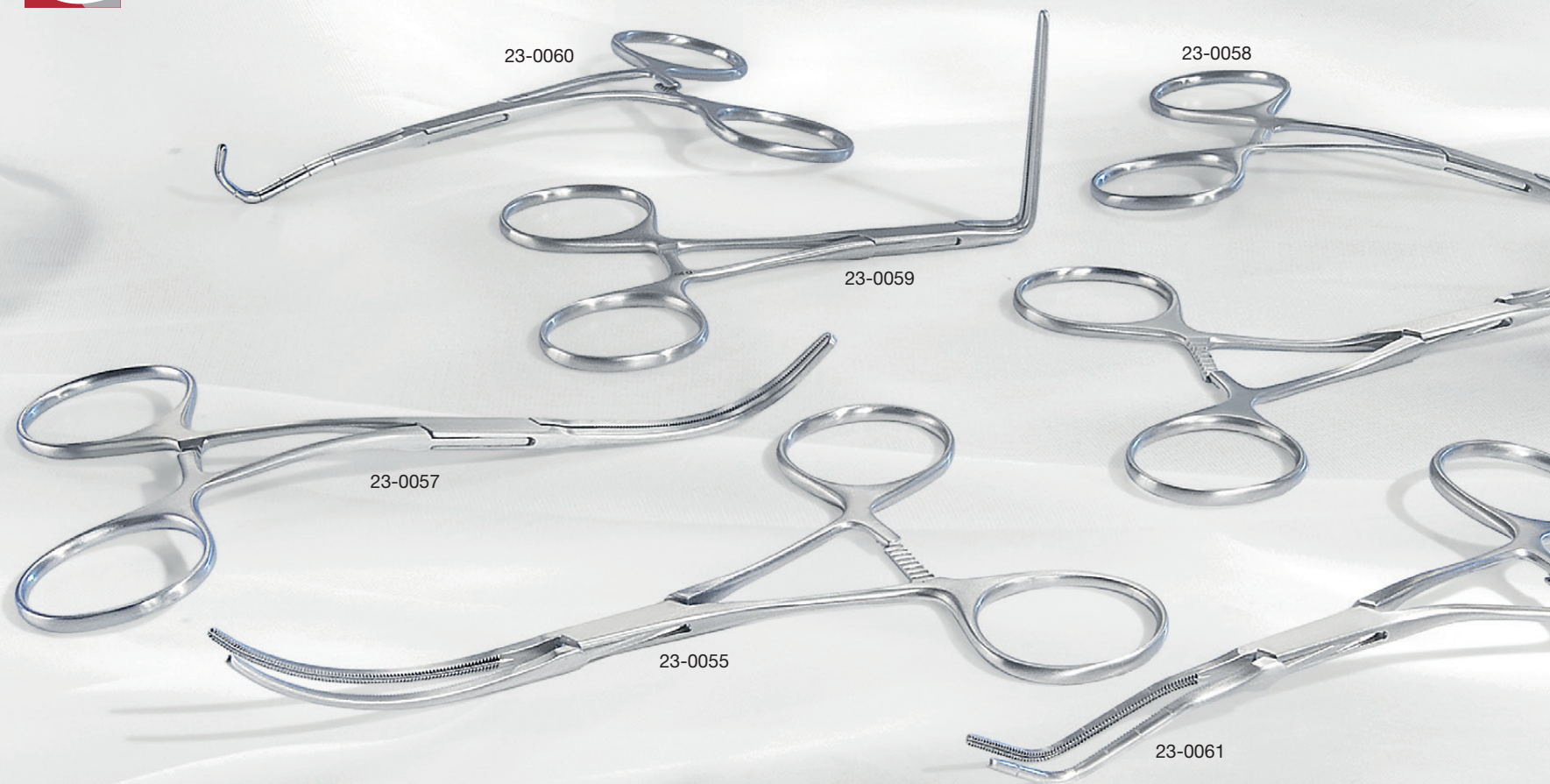
Illustrations not 1:1

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

bold = shown shown



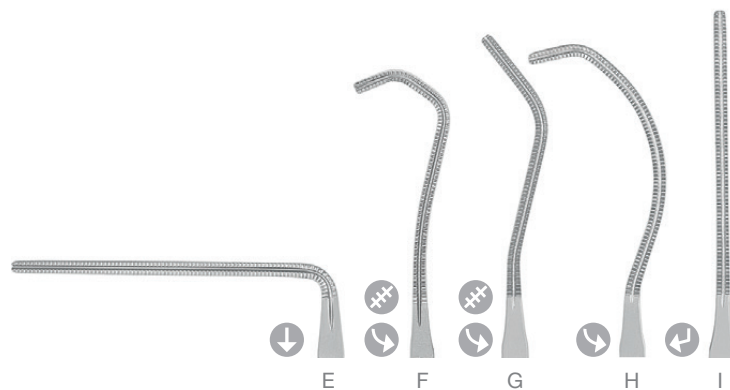
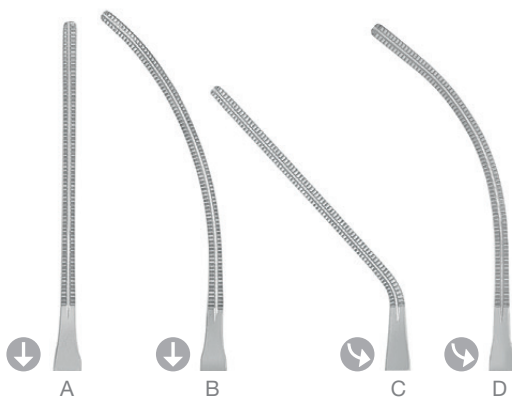
Atraumatic Clamps



Atraumatic Clamps

GEISTER®

23-0056



Ring-Handle Bulldog

with Cooley Jaws

Fig.	Art.-No.	Length mm / "
A	23-0054	135/5¼
B	23-0055	135/5¼
C	23-0058	125/5
D	23-0057	130/5
E	23-0059	105/4¼
F	23-0060	120/4¾
G	23-0061	125/5
H	23-0052	125/5
I	23-0056	130/5

↓ straight shanks

↷ ↶ curved shanks

↷ ↶ slightly angled shanks

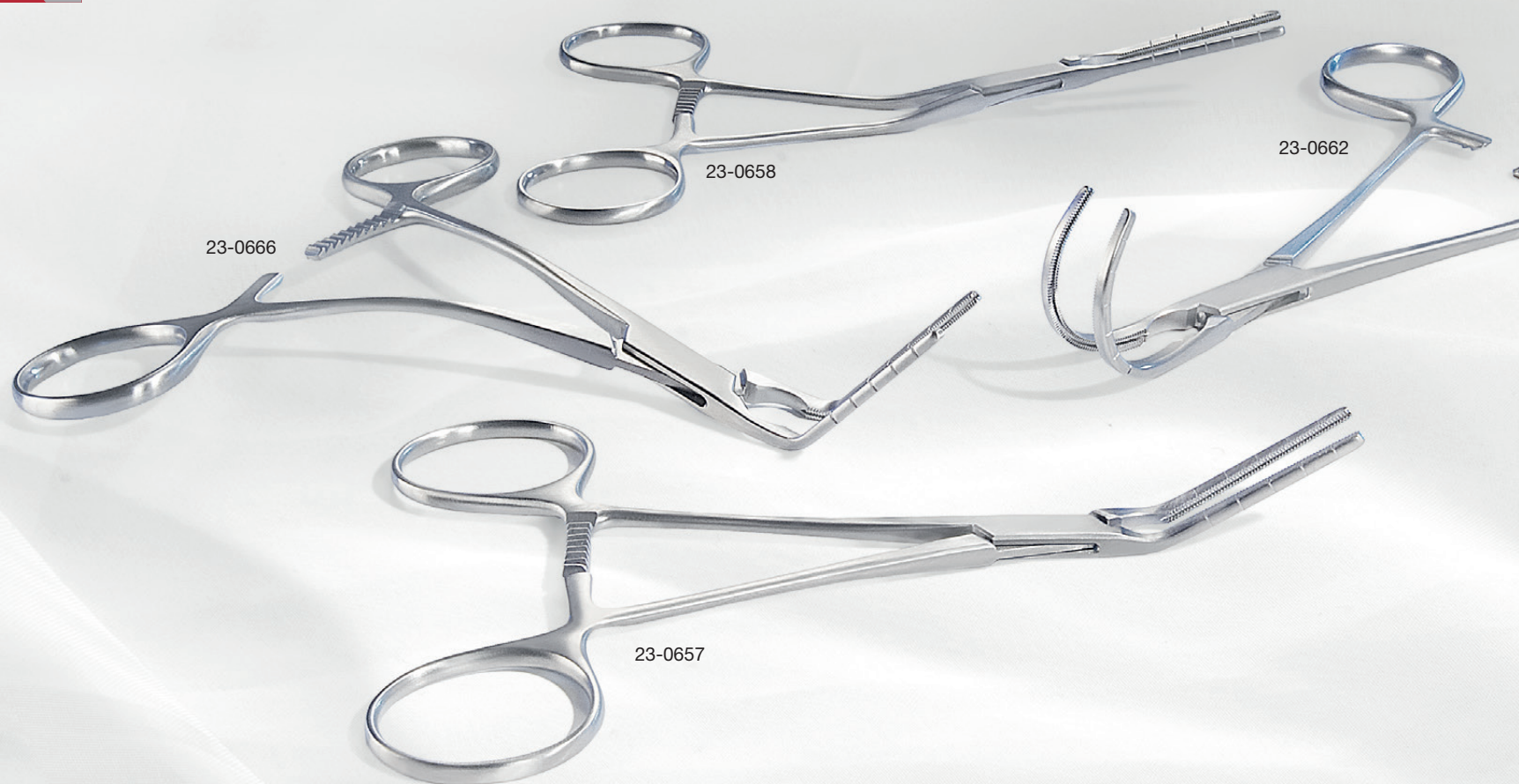
↷ ↶ angled shanks

▨ graduated jaws

bold = shown shown
Illustrations not 1:1

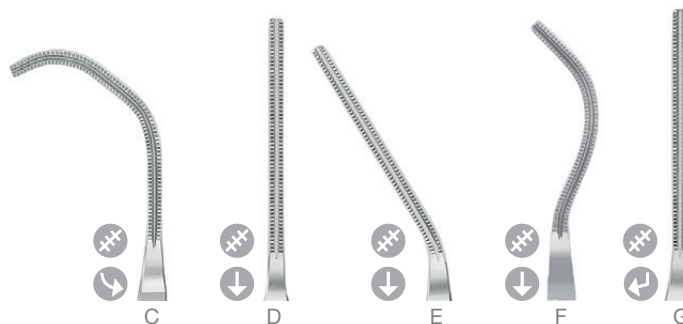
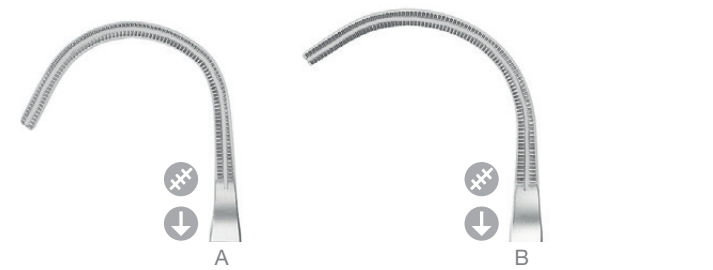


Atraumatic Clamps



Atraumatic Clamps

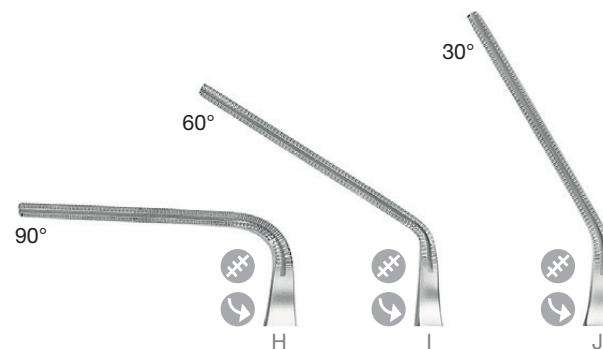
GEISTER®



Pediatric

with Cooley Jaws

Fig.	Art.-No.	Length mm / "
A	23-0660	150/6
B	23-0662	150/6
C	23-0668	140/5½
D	23-0656	140/5½
E	23-0657	140/5½
F	23-0659	140/5½
G	23-0658	140/5½



Multi-Purpose

with Cooley Jaws

Fig.	Art.-No.	Length mm / "
H	23-0667	145/5¾
I	23-0666	160/6¼
J	23-0665	165/6½

↓ straight shanks

↪ ↩ curved shanks

↪ ↩ slightly angled shanks

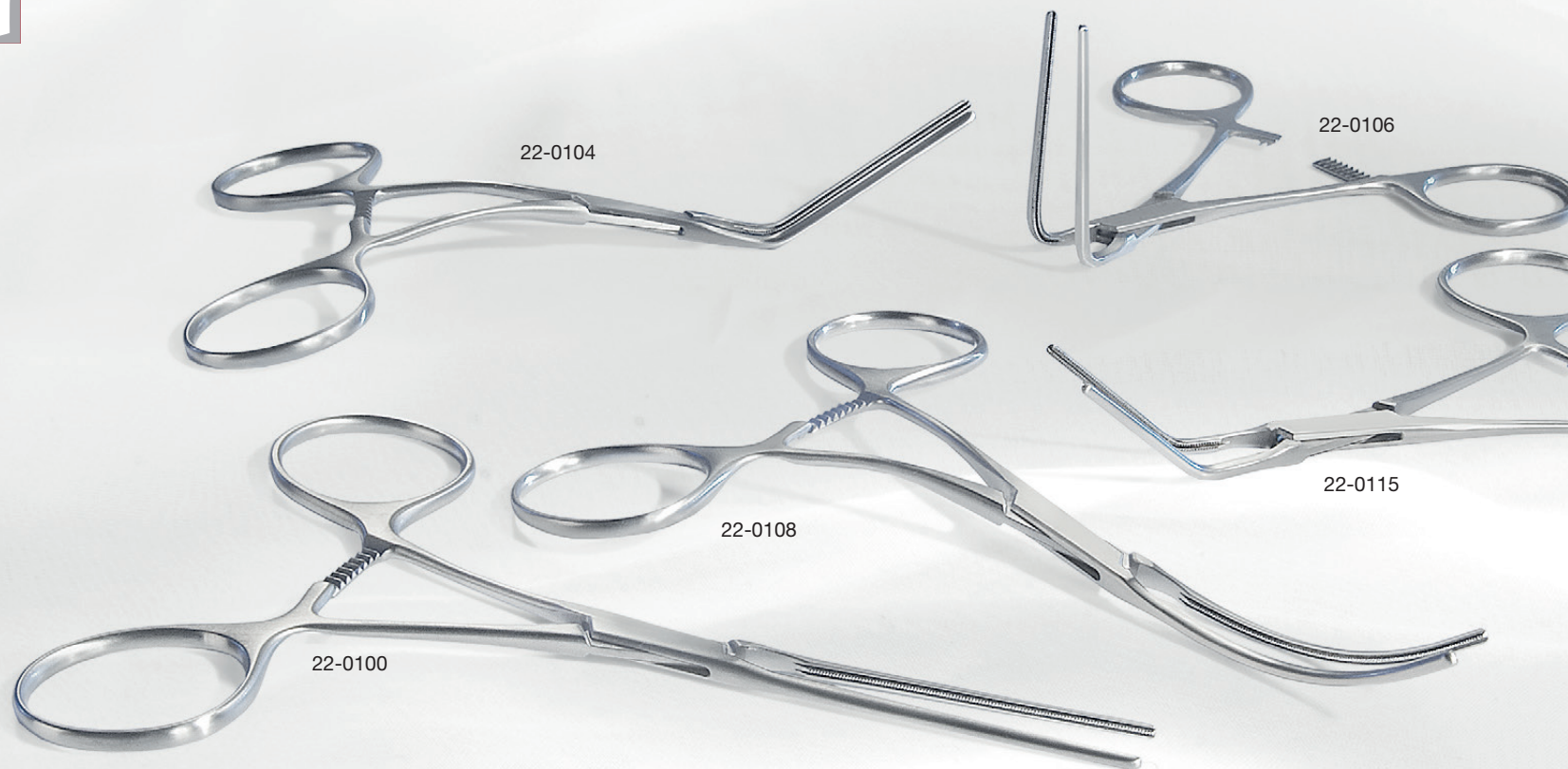
↪ ↩ angled shanks

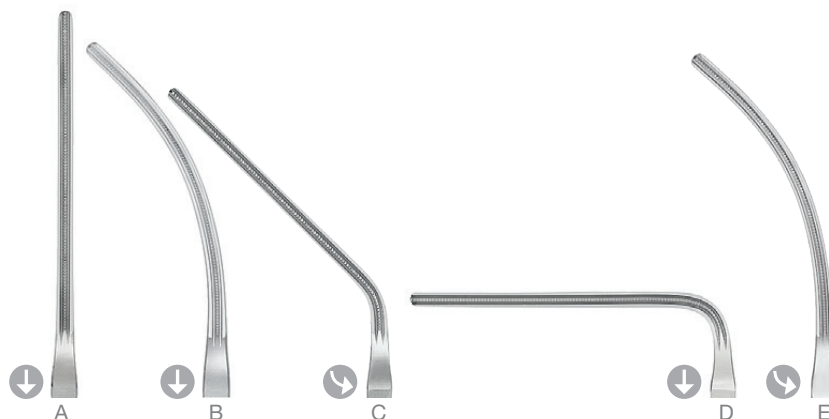
⦿ graduated jaws

bold = shown shown
Illustrations not 1:1



Atraumatic Clamps





DeBakey

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
A	22-0100	135/5¼
B	22-0101	130/5
C	22-0104	120/4¾
D	22-0106	100/4
E	22-0108	130/5



Noon

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
F	22-0115	115/4½

↓ straight shanks

↪ ↩ curved shanks

↪ ↩ slightly angled shanks

↪ ↩ angled shanks

⊘ graduated jaws

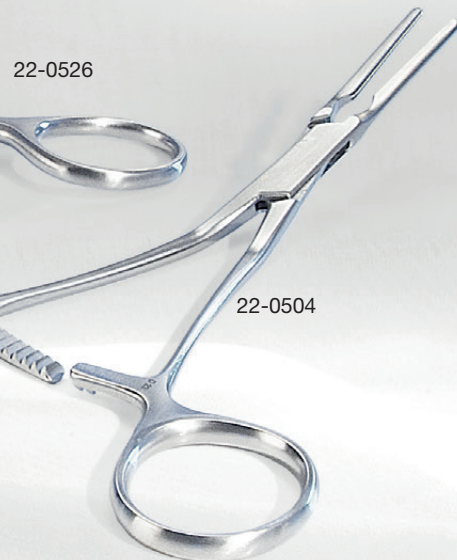
bold = shown shown



Atraumatic Clamps



22-0190



22-0526



22-0508



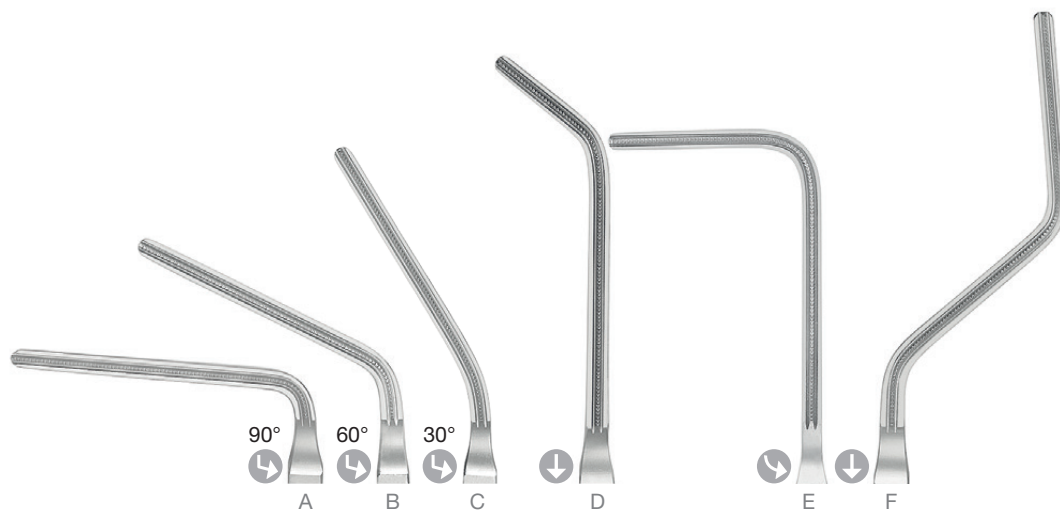
22-0504



22-5800

Atraumatic Clamps

GEISTER®



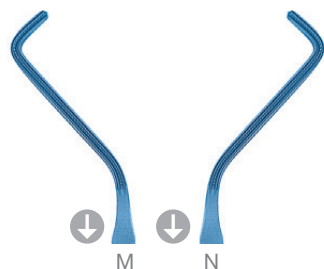
Multi-Purpose

with DeBaKey Jaws

Fig.	Art.-No.	Length mm / "
A	22-0527	145 / 5¾
B	22-0526	160 / 6¼
C	22-0525	165 / 6½
D	22-0190	180 / 7
E	22-0191	170 / 6¾
F	22-0192	180 / 7

Titanium

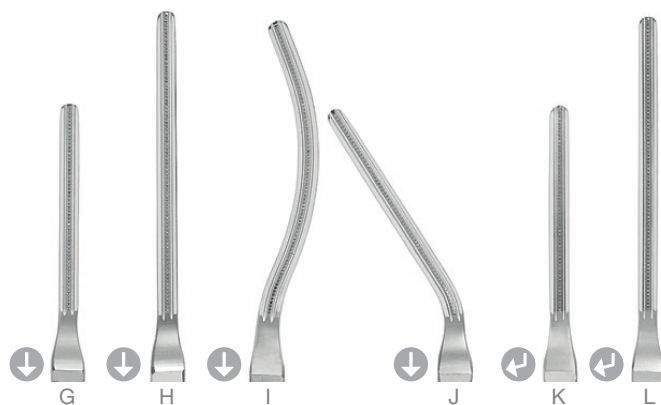
Fig.	Art.-No.	Length mm / "
A	22-0527.TI	145 / 5¾
B	22-0526.TI	160 / 6¼
C	22-0525.TI	165 / 6½



Kitzmiller (Titanium)

with DeBaKey Jaws

Fig.	Art.-No.	Length mm / "
M	22-5800	120 / 4¾
N	22-5801	120 / 4¾



Pediatric

with DeBaKey Jaws

Fig.	Art.-No.	Length mm / "
G	22-0500	155 / 6
H	22-0502	170 / 6¾
I	22-0508	165 / 6½
J	22-0505	155 / 6
K	22-0504	155 / 6
L	22-0506	170 / 6¾

Illustrations not 1:1

↓ straight shanks

↪ ↩ curved shanks

↪ ↩ slightly angled shanks

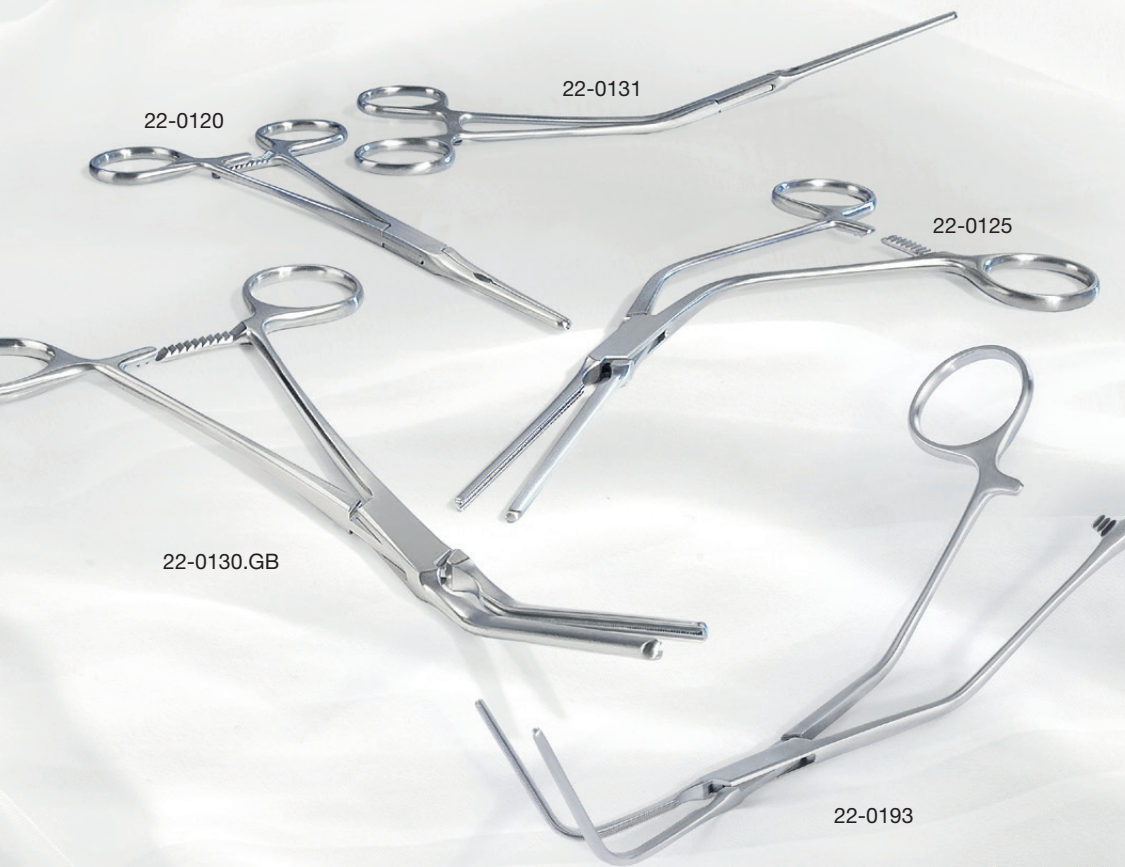
↪ ↩ angled shanks

⊘ graduated jaws

bold = shown shown



Atraumatic Clamps



Demos

with DeBakey Jaws

Fig.

A

Art.-No.

22-0125

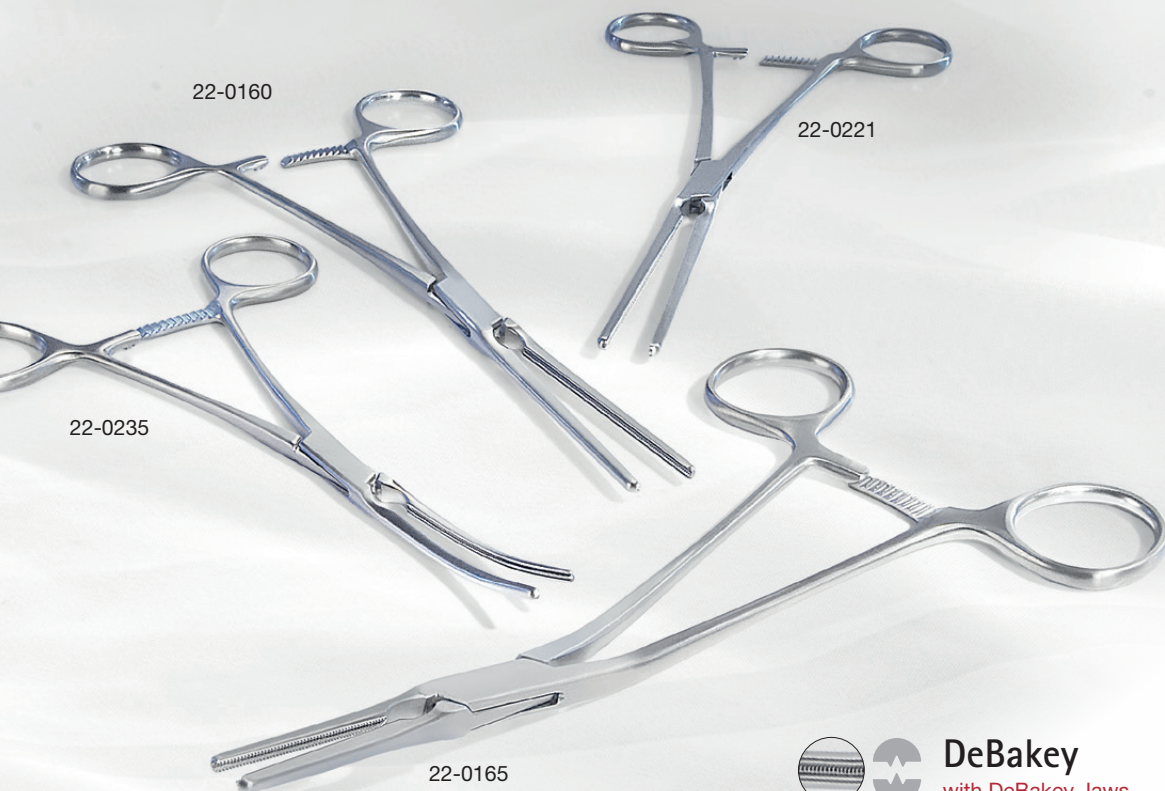
Length mm / "

210 / 8¼

Illustrations not 1:1



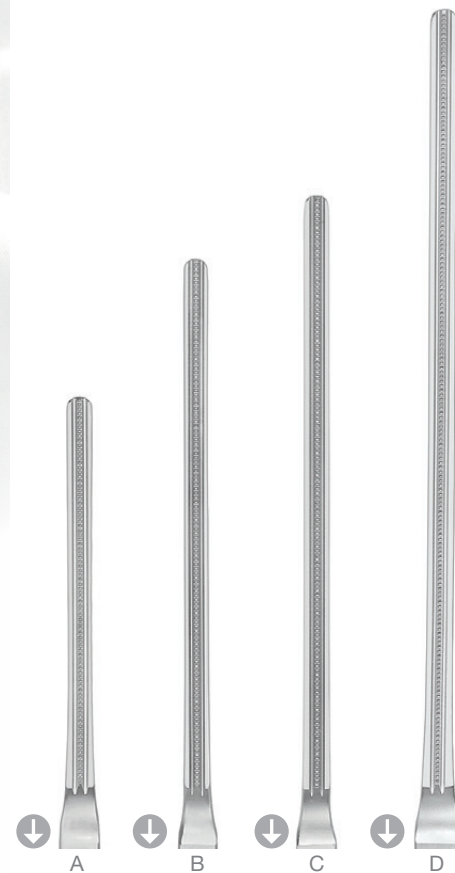
Atraumatic Clamps



DeBailey

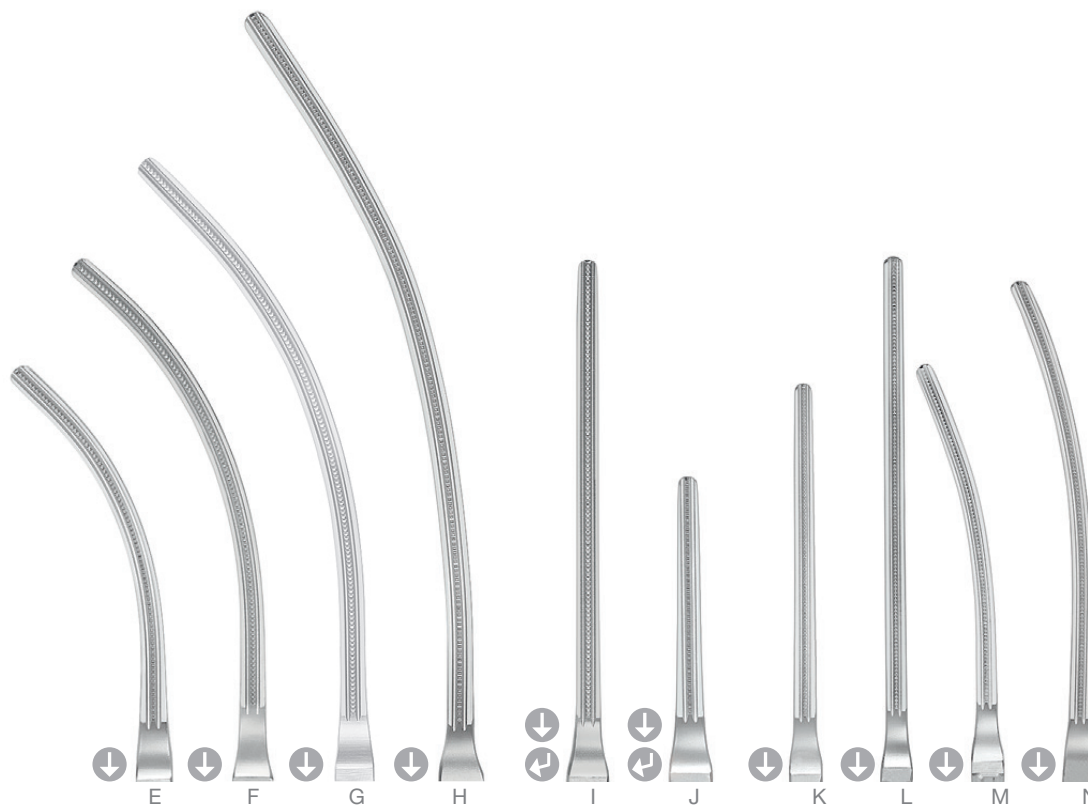
with DeBailey Jaws

Fig.	Art.-No.	Length mm / "
A	22-0220	210/8¼
B	22-0221	230/9
C	22-0222	270/10½
D	22-0223	315/12½



↓ straight shanks

Illustrations not 1:1



Illustrations not 1:1

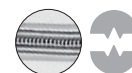
↓ straight shanks

↷ ↶ curved shanks

↷ ↶ slightly angled shanks

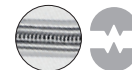
↷ ↶ angled shanks

↷ ↶ graduated jaws

bold = shown shown**DeBakey**

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
E	22-0225	210/8¼
F	22-0226	230/9
G	22-0227	270/10½
H	22-0228	310/12¼

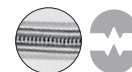
**Peripheral**

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "	
I	22-0160	220/8¾	straight shanks
I	22-0161	220/8¾	ang. shanks
J	22-0164	195/7¾	straight shanks
J	22-0165	190/7½	ang. shanks

Titanium

Fig.	Art.-No.	Length mm / "	
I	22-0160.TI	220/8¾	straight shanks

**Bainbridge**

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
K	22-0230	170/6¾
L	22-0232	185/7¼
M	22-0235	170/6¾
N	22-0237	185/7¼



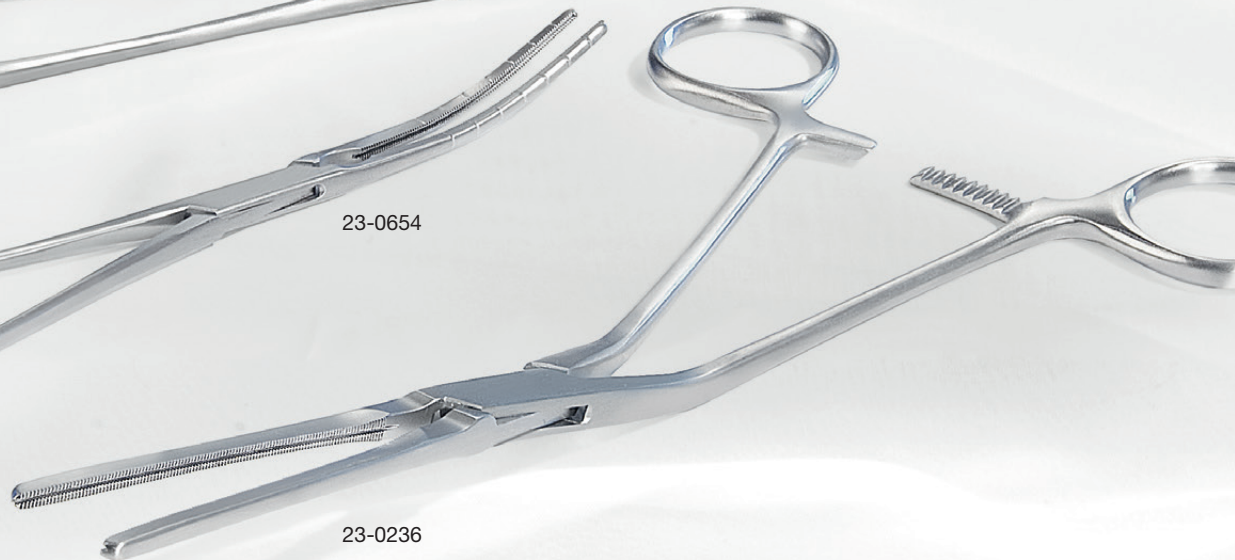
23-0402



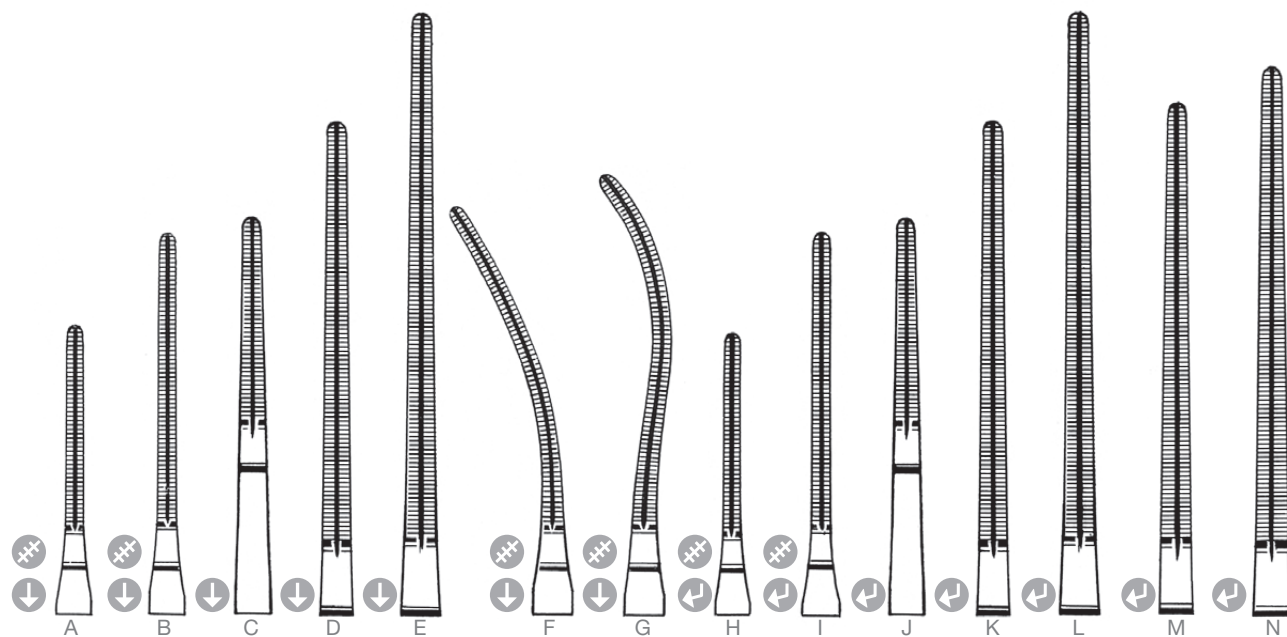
23-0230



23-0654



23-0236



Cooley

with Cooley Jaws

Fig.	Art.-No.	Length mm / "
A	23-0650	160/6¼
B	23-0652	170/6¾
C	23-0220	210/8¼
D	23-0230	220/8¾
E	23-0234	260/10¼
F	23-0654	175/7
G	23-0655	180/7
H	23-0651	155/6
I	23-0653	170/6¾
J	23-0222	205/8
K	23-0236	220/8¾
L	23-0238	260/10¼
M	23-0402	215/8½
N	23-0404	260/10¼

Titanium

Fig.	Art.-No.	Length mm / "
A	23-0650.TI	160/6¼
B	23-0652.TI	170/6¾
F	23-0654.TI	175/7
G	23-0655.TI	180/7
H	23-0651.TI	155/6
I	23-0653.TI	170/6¾

Illustrations not 1:1

↓ straight shanks

↙ ↘ curved shanks

↙ ↘ slightly angled shanks

↙ ↘ angled shanks

▨ graduated jaws

bold = shown shown



Atraumatic Hemostatic Forceps

22-1230

22-1242

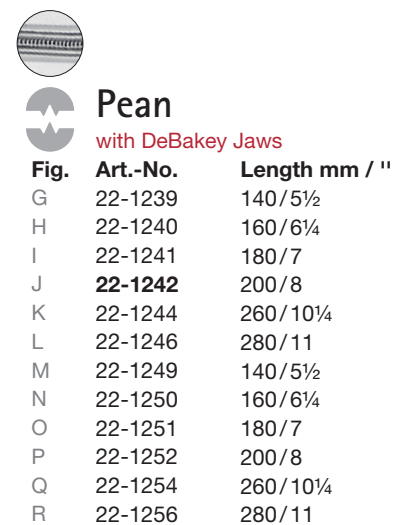
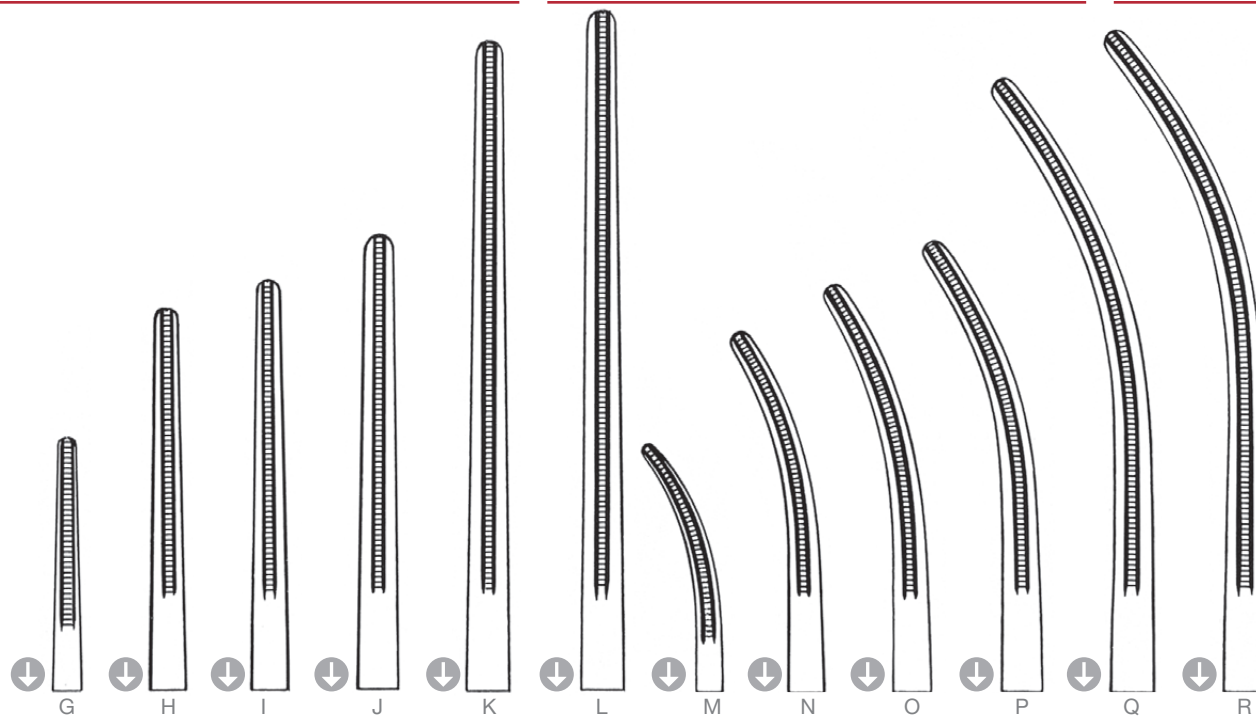
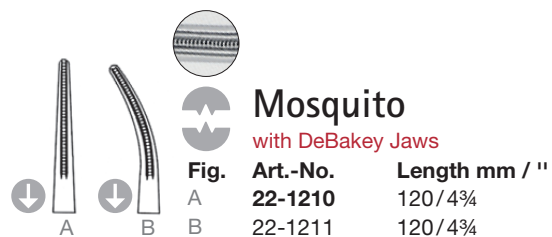
22-1210

22-1225



Atraumatic Hemostatic Forceps

GEISTER®



Illustrations not 1:1

↓ straight shanks

↷ ↶ curved shanks

↗ ↘ slightly angled shanks

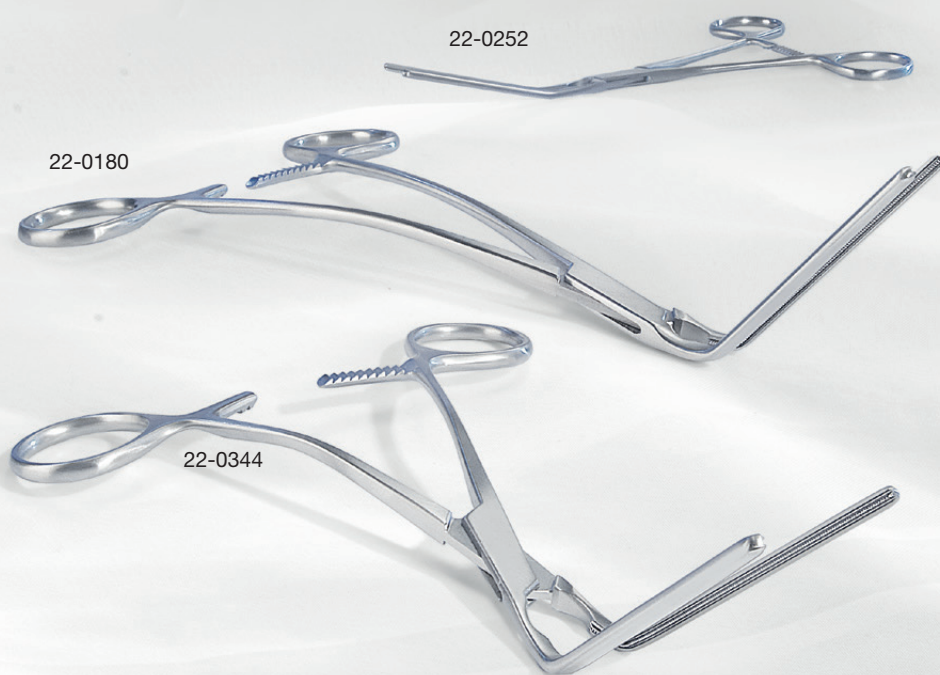
↖ ↙ angled shanks

▨ graduated jaws

bold = shown shown



Atraumatic Clamps



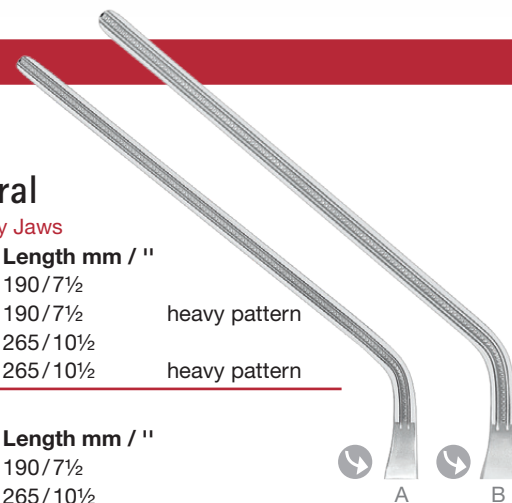
Peripheral

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "	
A	22-0180	190 / 7½	
A	22-0181	190 / 7½	heavy pattern
B	22-0170	265 / 10½	
B	22-0171	265 / 10½	heavy pattern

Titanium

Fig.	Art.-No.	Length mm / "
A	22-0180.TI	190 / 7½
B	22-0170.TI	265 / 10½



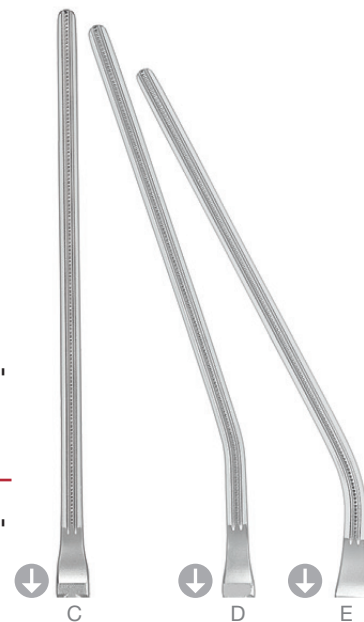
Leland-Jones

with DeBakey Jaws

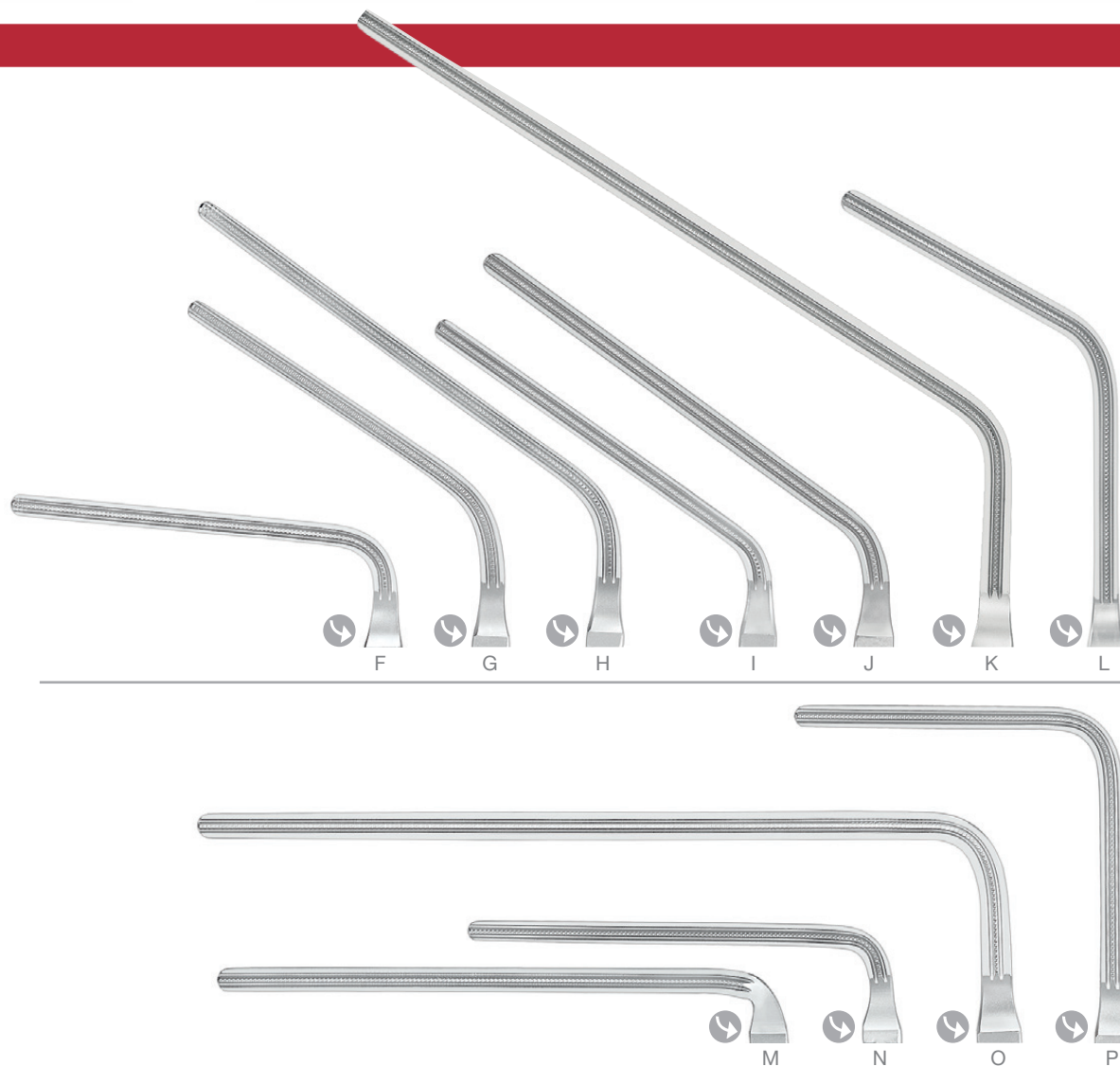
Fig.	Art.-No.	Length mm / "
C	22-0250	195 / 7¾
D	22-0252	195 / 7¾
E	22-0254	195 / 7¾

Titanium

Fig.	Art.-No.	Length mm / "
C	22-0250.TI	195 / 7¾
D	22-0252.TI	195 / 7¾
E	22-0254.TI	195 / 7¾



Illustrations not 1:1



Multi-Purpose

with DeBaKey Jaws

Fig.	Art.-No.	Length mm / "
F	22-0349	180/7
G	22-0339	210/8¼
H	22-0343	230/9
I	22-0342	205/8
J	22-0344	240/9½
K	22-0346	305/12
L	22-0340	250/10
M	22-0354	215/8½
N	22-0352	180/7
O	22-0356	270/10½
P	22-0350	230/9

Titanium

Fig.	Art.-No.	Length mm / "
I	22-0342.TI	205/8
J	22-0344.TI	240/9½
K	22-0346.TI	305/12
L	22-0340.TI	250/10
M	22-0354.TI	215/8½
N	22-0352.TI	180/7
O	22-0356.TI	270/10½
P	22-0350.TI	230/9





CRAFTSMANSHIP 4.0

The difference between something good and something great is attention to detail.

The combination of experience, tradition and craftsmanship, with the advanced possibilities of modern CNC-controlled production technology provides for the manufacturing of surgical instruments of the highest technical standard. Only this interaction of traditional workmanship skills with high precision machinery, as well as the use of the best raw materials, can ensure a perfect function and performance of our products for many years of use. The manufacturing of surgical instruments at the highest quality

level is the scope of all employees of our company. Therefore, we can ensure that only the finest surgical instruments with the highest quality standard will leave our facility.

A lean organization provides for quick decision-making and rapid development and implementation of ideas and measures. The continuous optimization of all processes is the responsibility and daily challenge that helps keep each one of our team members motivated to provide the very best.





Atraumatic Clamps

22-0291

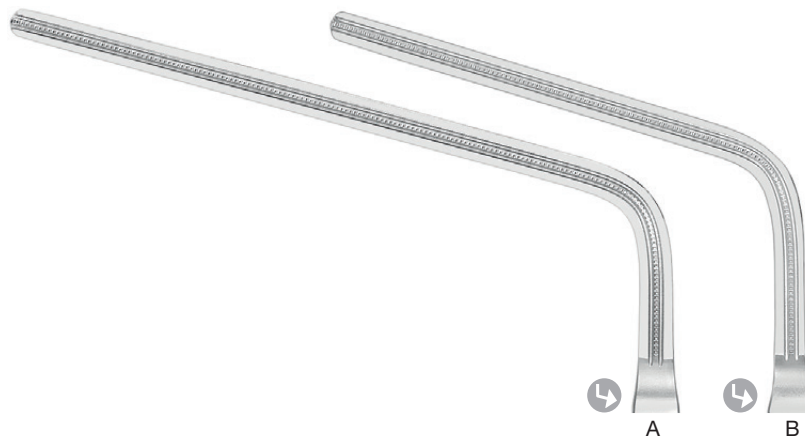
07-0572

22-0289



Atraumatic Clamps

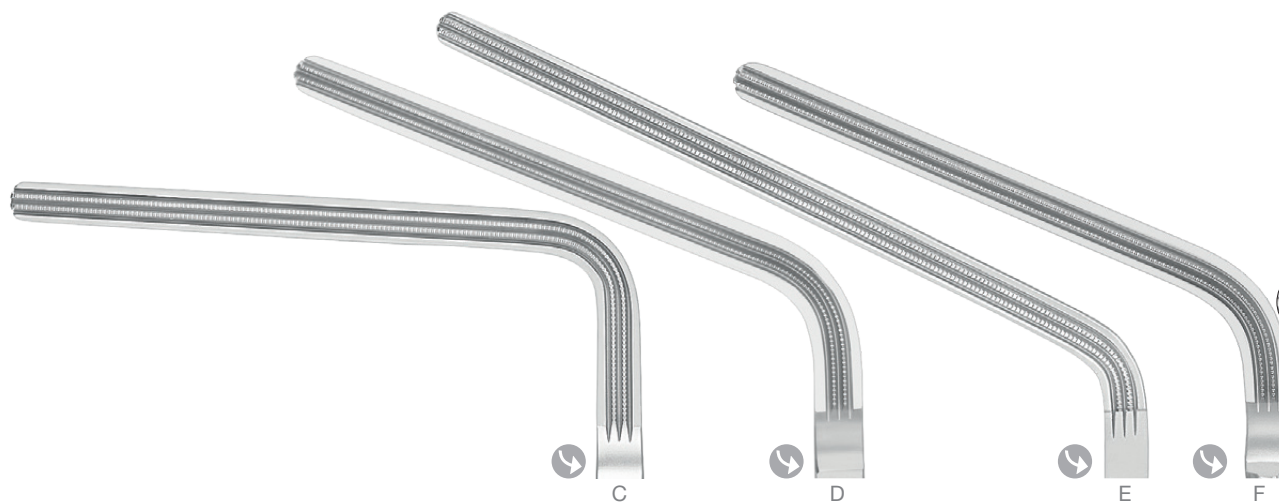
GEISTER®



Hayes-Colon

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
A	07-0572	285 / 11¼
B	07-0570	270 / 10½



Morris

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
C	22-0292	265 / 10½
D	22-0291	275 / 10¾
E	22-0294	230 / 9
F	22-0290	230 / 9
F	22-0289	210 / 8¼

Illustrations not 1:1

straight shanks

curved shanks

slightly angled shanks

angled shanks

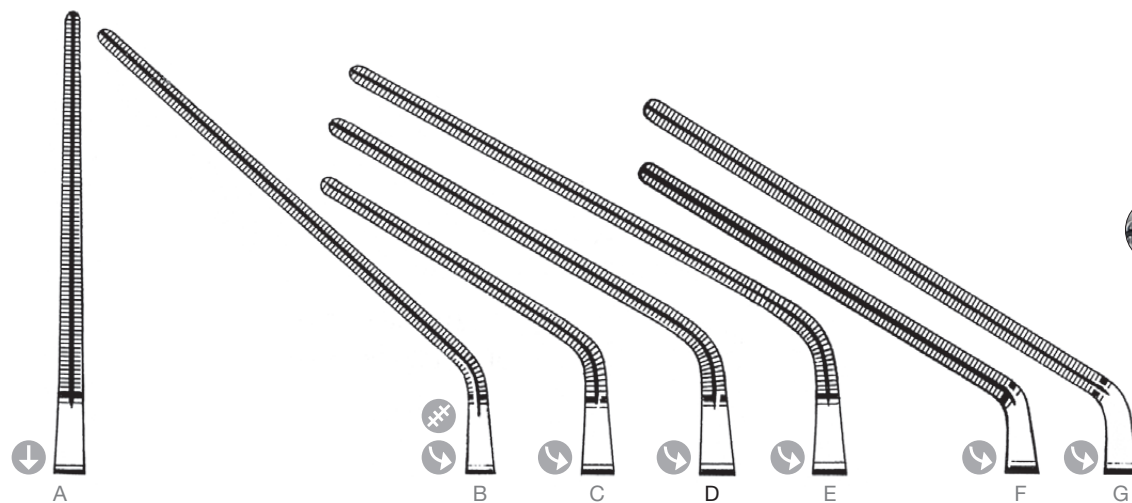
graduated jaws

bold = shown shown



Atraumatic Clamps





Illustrations not 1:1

↓ straight shanks

↪ ↩ curved shanks

↪ ↩ slightly angled shanks

↪ ↩ angled shanks

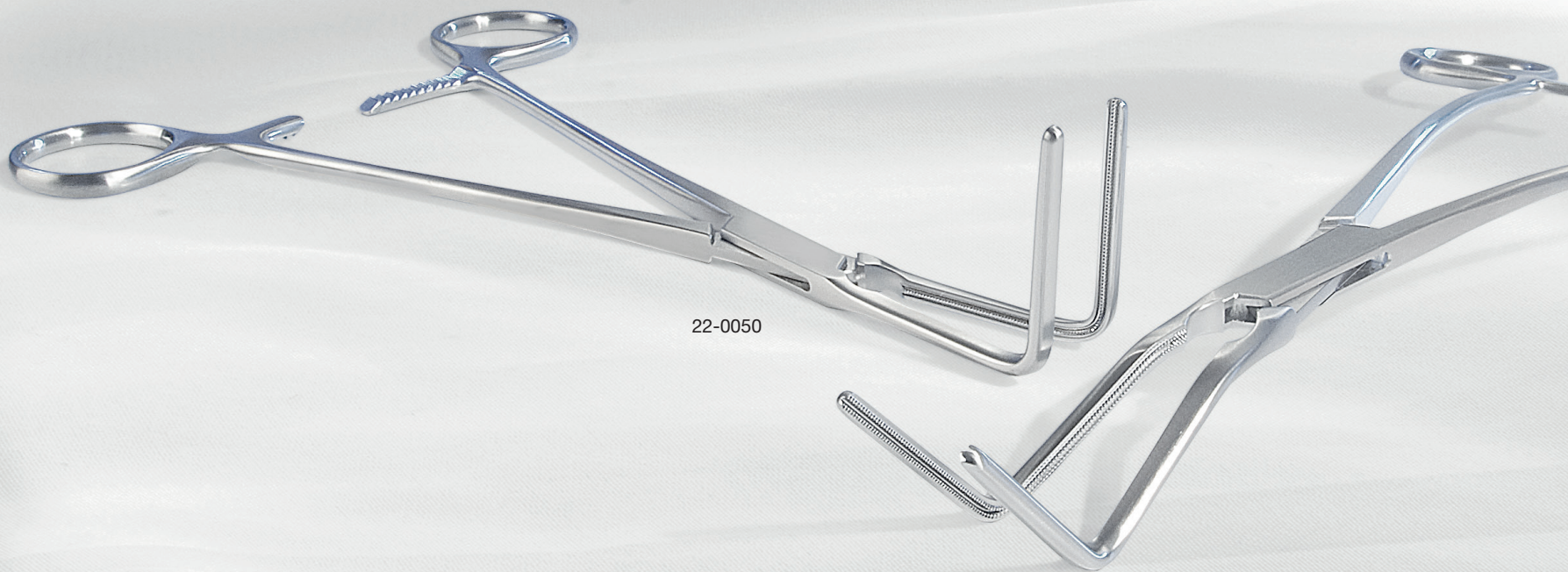
⦿ graduated jaws

bold = shown shown

Peripheral Clamps

with Cooley Jaws

Fig.	Art.-No.	Length mm / "	
A	23-0062	170/6¾	
B	23-0066	185/7¼	
C	23-0082	165/6½	very delicate
D	23-0084	175/7	very delicate
E	23-0086	190/7½	very delicate
F	23-0554	205/8	
G	23-0556	240/9½	

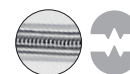
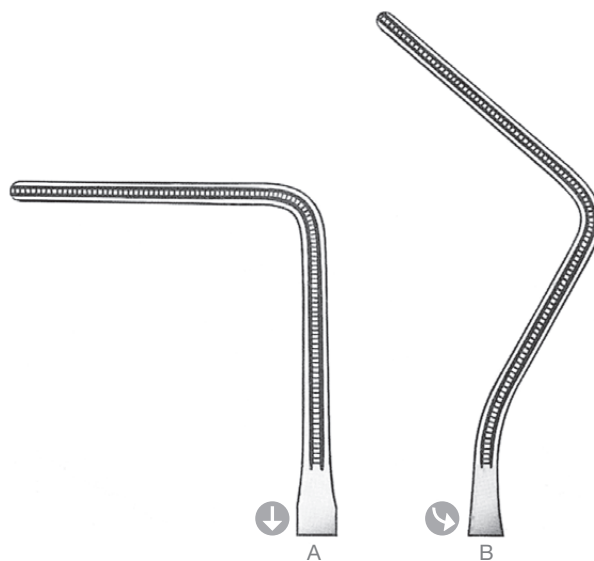


22-0050

Atraumatic Clamps

GEISTER®

22-0051



Lees Bronchus

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
A	22-0050	230 / 9
B	22-0051	250 / 10

Titanium

Fig.	Art.-No.	Length mm / "
A	22-0050.TI	230 / 9
B	22-0051.TI	250 / 10

Illustrations not 1:1

straight shanks

curved shanks

bold = shown shown



Atraumatic Clamps

22-1806

22-0270

22-0244

22-0245.TI

**Kay**

with DeBakey Jaws

Fig.
AArt.-No.
22-0244Length mm / "
200 / 8

A

Titanium

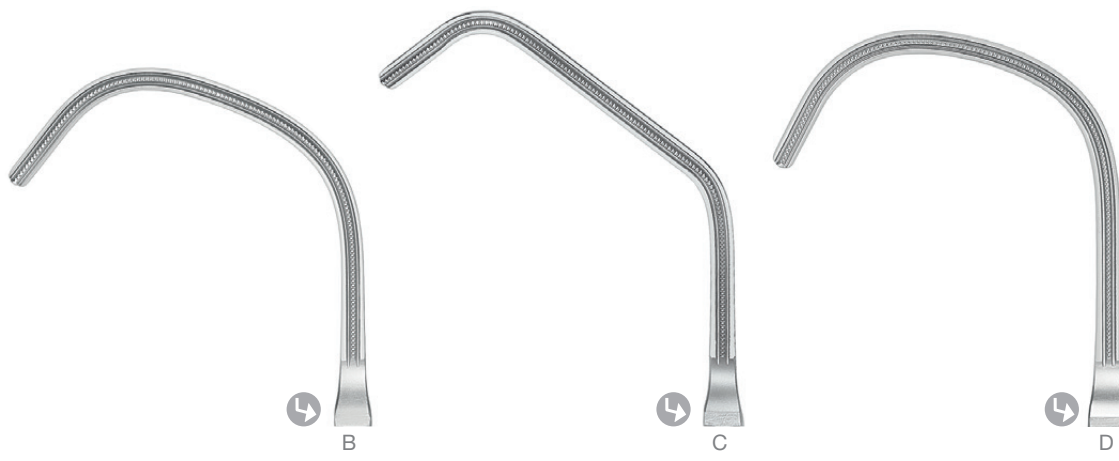
Fig.
AArt.-No.
22-0244.TILength mm / "
200 / 8**Diethrich**

with DeBakey Jaws

Fig.
EArt.-No.
22-0270Length mm / "
195 / 7¾

E

Illustrations not 1:1

**Lambert-Kay**

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
B	22-0245	200 / 8

Titanium

Fig.	Art.-No.	Length mm / "
B	22-0245.Ti	200 / 8

**Ochsner**

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
C	22-0265	235 / 9¼

**Liddle**

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
D	22-0268	270 / 10½

**Lemole-Strong**

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
E	22-1801	205 / 8
F	22-1806	205 / 8

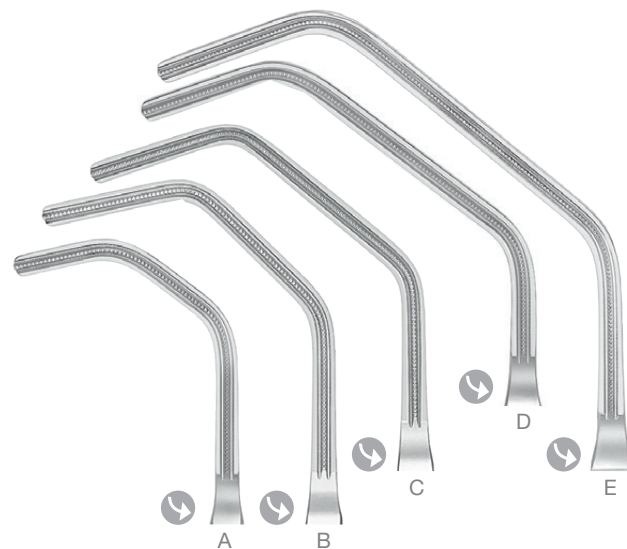
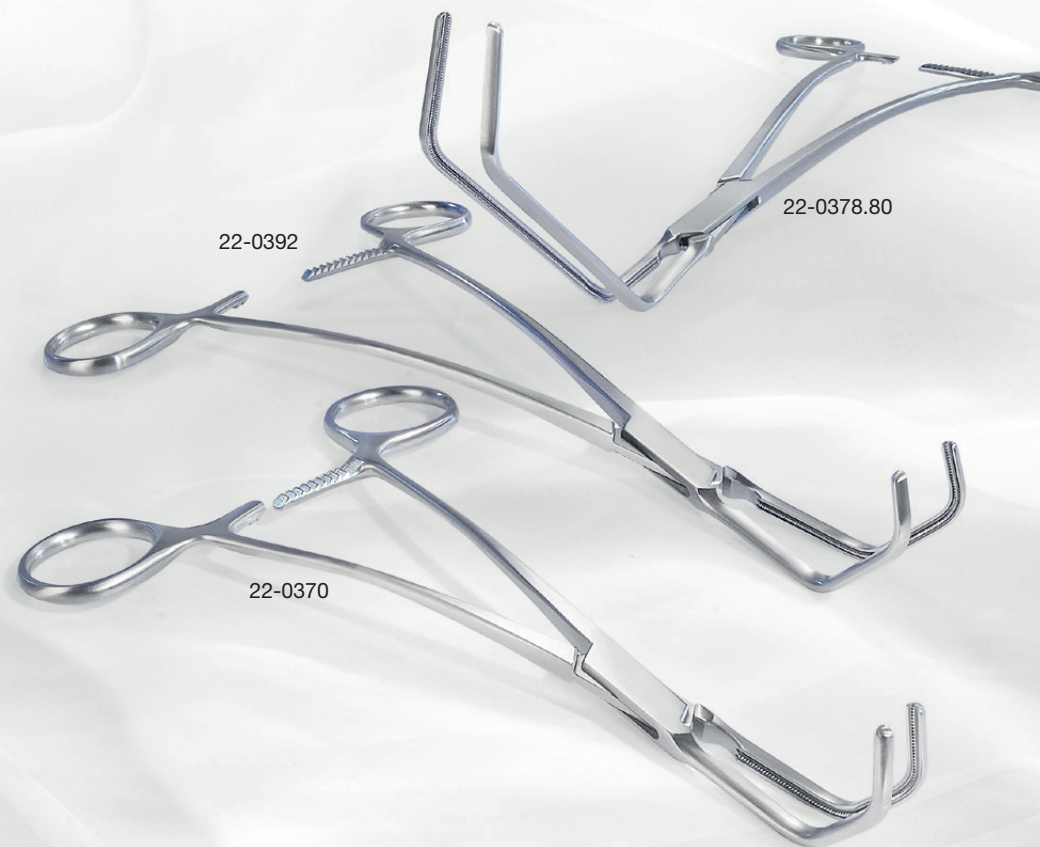
**Kofidis**

angled shanks, with DeBakey Jaws

Fig.	Art.-No.	Length	Jaws
G	22-1808	25.5 cm / 10¾"	45 x 23 mm



Atraumatic Clamps



DeBaKey

with DeBaKey Jaws

Titanium

Fig.	Art.-No.	Art.-No.	Length mm / "
A	22-0370	22-0370.TI	200/8
B	22-0372	22-0372.TI	250/10
C	22-0374	22-0374.TI	260/10¼
D	22-0376	22-0376.TI	265/10½
E	22-0378	22-0378.TI	280/11

 curved shanks

Illustrations not 1:1

**Satinsky**

with DeBakey Jaws

Titanium

Fig.	Art.-No.	Art.-No.	Length mm / "
F	22-0394	22-0394.TI	235/9¼
G	22-0392	22-0392.TI	240/9½
H	22-0390	22-0390.TI	245/9¾

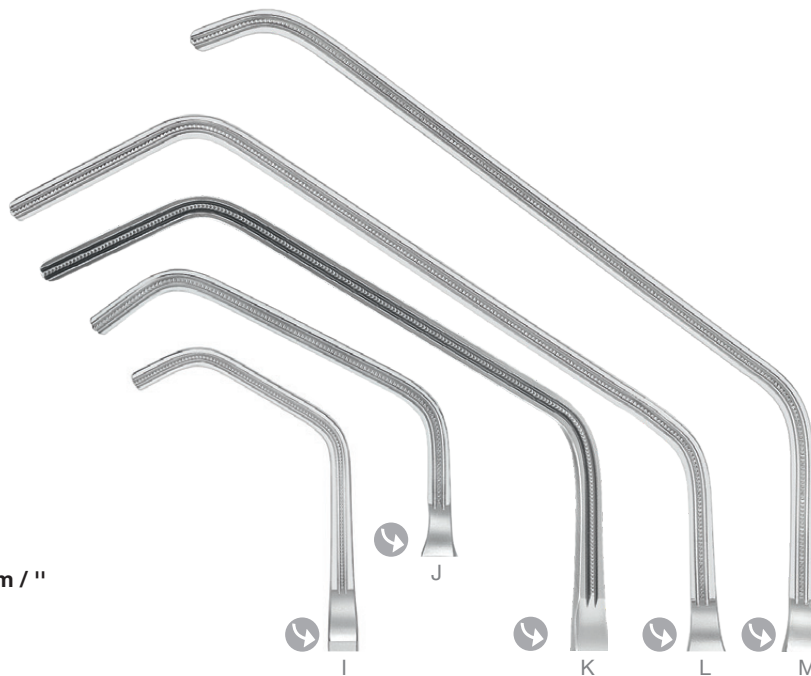
**Satinsky (HK)**Liver Transplant Clamps
with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
K	22-0378.75	300/11¾
L	22-0378.80	300/11¾
M	22-0378.90	305/12

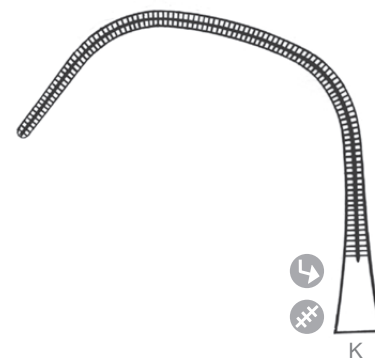
**Derra**

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
I	22-0493	170/6¾



Atraumatic Clamps

**Leitz**

with Cooley Jaws

Fig.
KArt.-No.
23-2600Length mm / "
200 / 8

slightly angled shanks

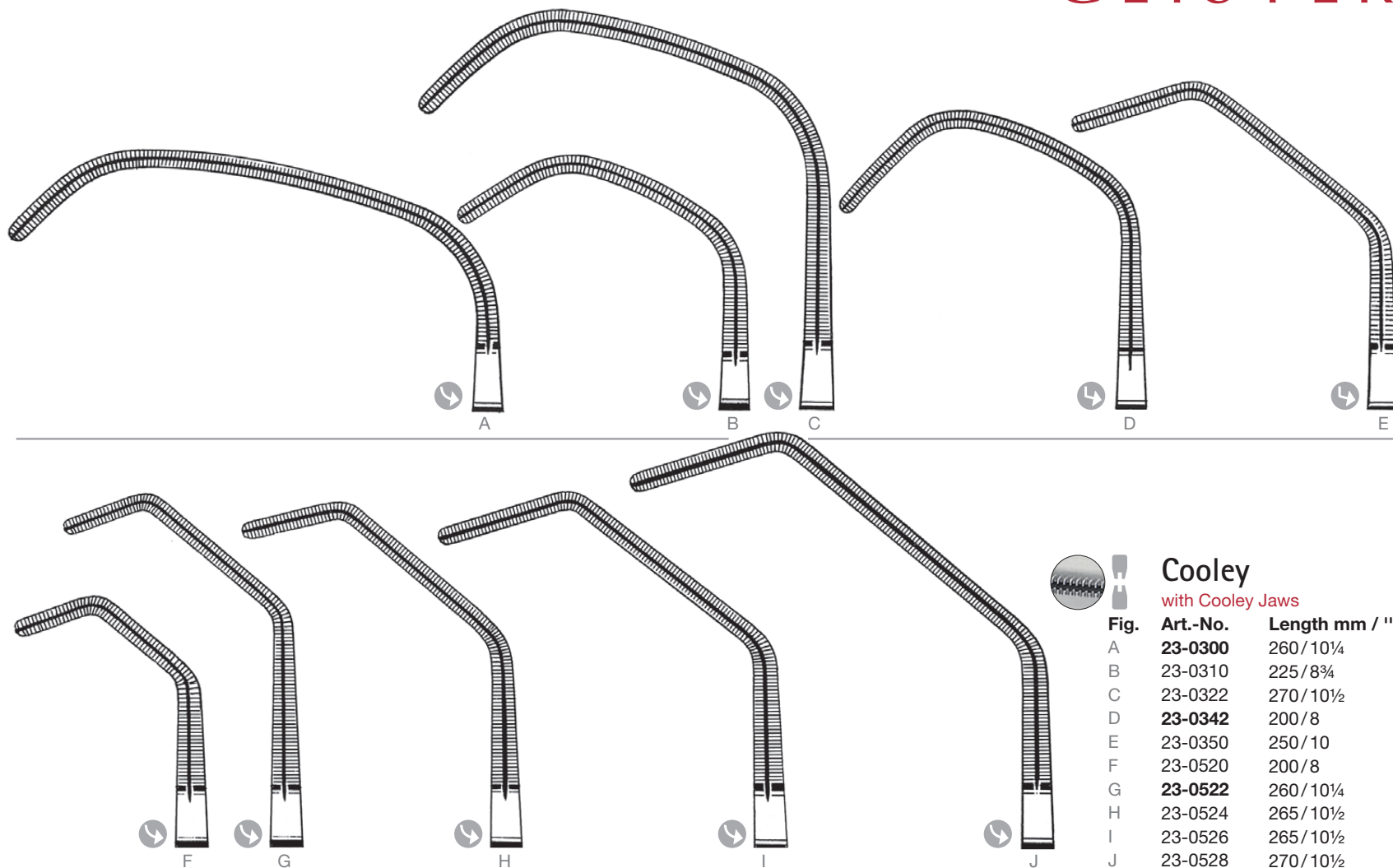


graduated jaws

Illustrations not 1:1

Atraumatic Clamps

GEISTER®



Illustrations not 1:1

 straight shanks

 curved shanks

 slightly angled shanks

 angled shanks

 graduated jaws
bold = shown shown



Atraumatic Clamps



22-0369



22-0480



22-0491



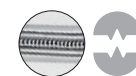
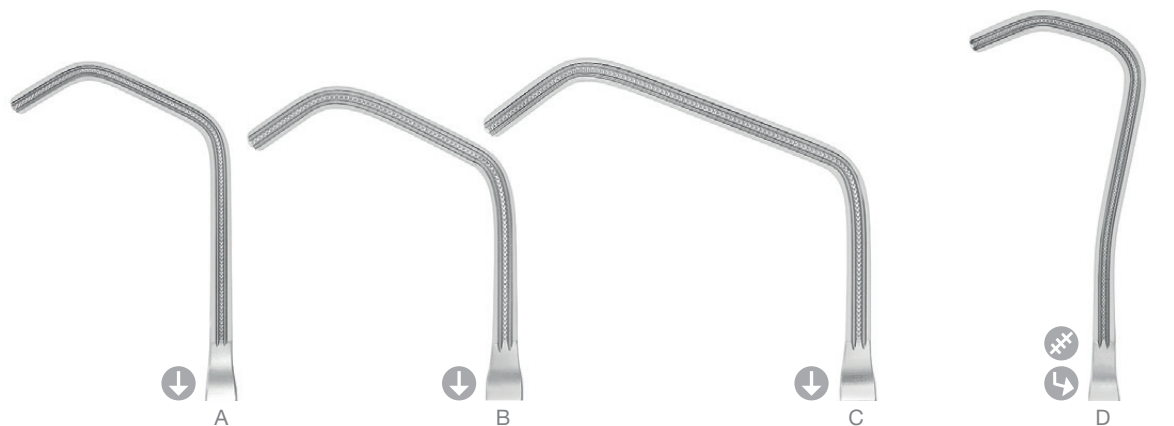
22-0430



22-0491.TI

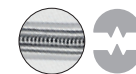
Atraumatic Clamps

GEISTER®

**Beck**

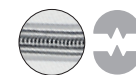
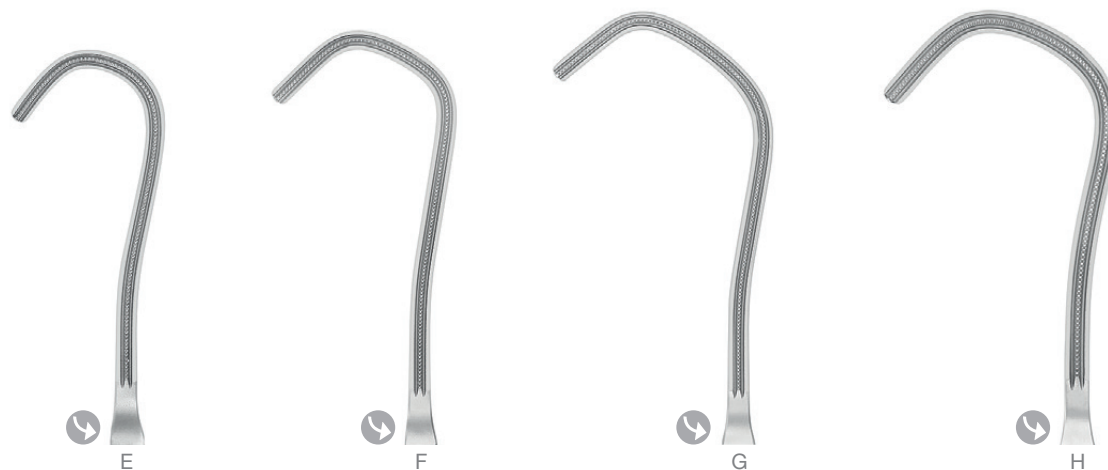
with DeBakey Jaws

Fig.	Art.-No.	Length
A	22-0530	16.5 cm / 6½"
B	22-0430	19.5 cm / 7¾"
C	22-0431	20.0 cm / 8"

**Anastomosis**

with DeBakey Jaws

Fig.	Art.-No.	Length
D	22-0480	17.0 cm / 6¾"

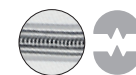
**DeBakey-Derra**

with DeBakey Jaws

Fig.	Art.-No.	Length
E	22-0490	17.0 cm / 6¾"
F	22-0491	17.0 cm / 6¾"
G	22-0492	17.0 cm / 6¾"

Titanium

Fig.	Art.-No.	Length
E	22-0490.TI	17.0 cm / 6¾"
F	22-0491.TI	17.0 cm / 6¾"
G	22-0492.TI	17.0 cm / 6¾"

**Mitchell**

with DeBakey Jaws

Fig.	Art.-No.	Length
H	22-0369	21.0 cm / 8¼"

Illustrations not 1:1

↓ straight shanks

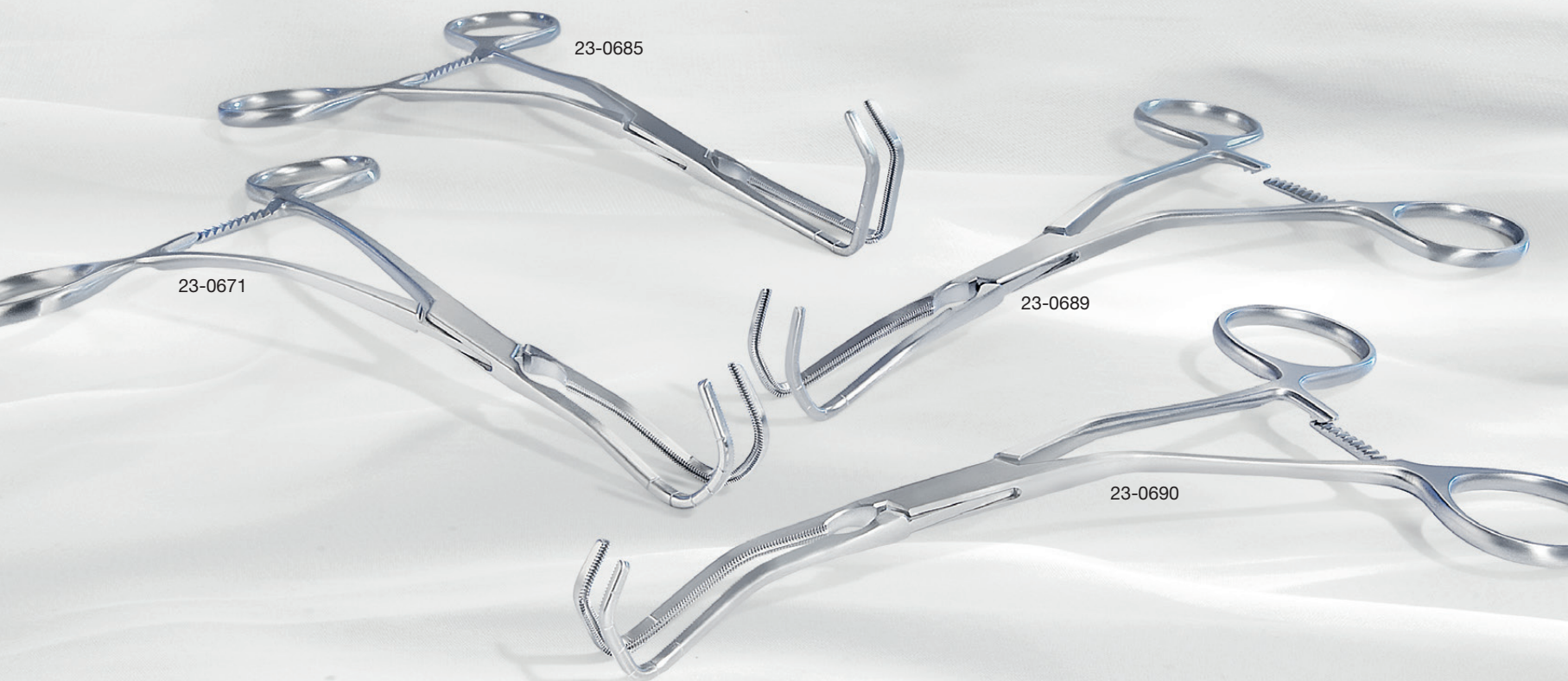
↻ curved shanks

↻ slightly angled shanks

↻ angled shanks

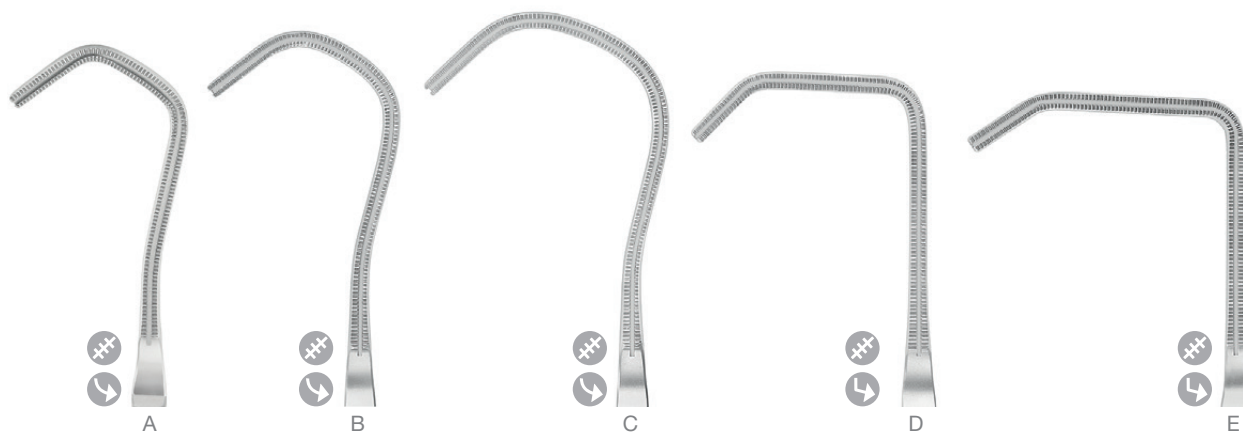
⊞ graduated jaws

bold = shown shown



Atraumatic Clamps

GEISTER®



Derra

with Cooley Jaws

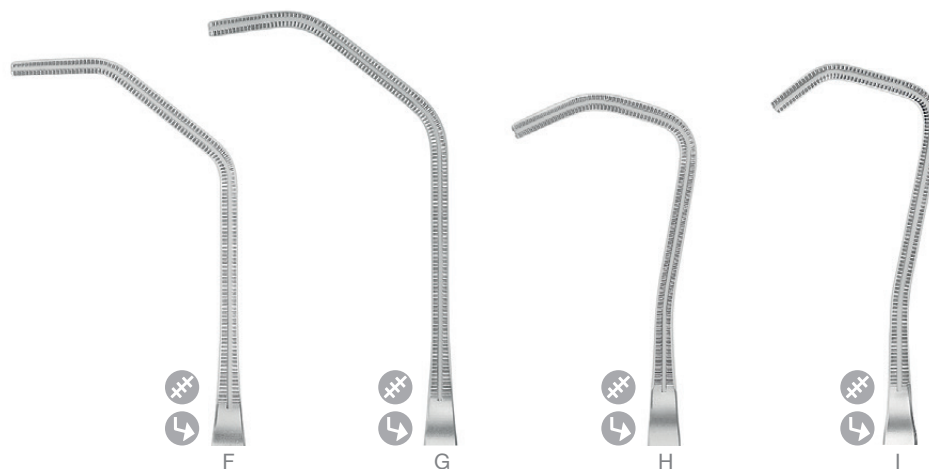
Fig.	Art.-No.	Length
A	23-0670	16.5 cm / 6½"
B	23-0671	17.0 cm / 6¾"
C	23-0672	17.5 cm / 7"



Anastomosis

with Cooley Jaws

Fig.	Art.-No.	Length
D	23-0685	16.5 cm / 6½"
E	23-0686	16.5 cm / 6½"
F	23-0687	17.5 cm / 7"
G	23-0688	17.5 cm / 7"
H	23-0689	17.0 cm / 6¾"



Pediatric

with Cooley Jaws

Fig.	Art.-No.	Length
I	23-0690	17.0 cm / 6¾"



Illustrations not 1:1

↓ straight shanks

↙ ↘ curved shanks

↙ ↘ slightly angled shanks

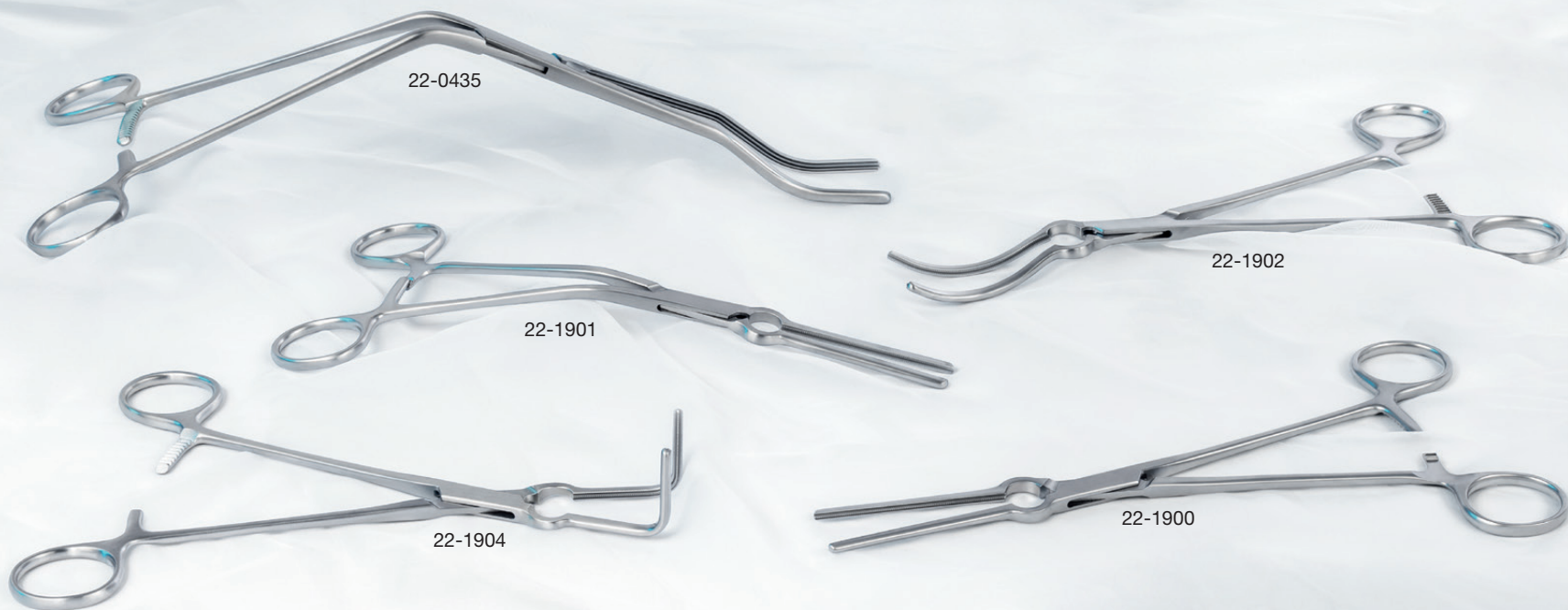
↙ ↘ angled shanks

⦿ graduated jaws

bold = shown shown



Atraumatic Clamps



Atraumatic Clamps

GEISTER®



A



B



C



D



E



F

**Sandmann**

with DeBakey Jaws

Fig.	Art.-No.	Length
A	22-0435	30.5 cm / 12"

**Ulm**

with DeBakey Jaws

Fig.	Art.-No.	Length
B	22-1900	22.0 cm / 8¾"
C	22-1901	22.0 cm / 8¾"
D	22-1902	22.0 cm / 8¾"
E	22-1903	22.0 cm / 8¾"

Illustrations not 1:1

straight shanks

curved shanks

slightly angled shanks

angled shanks

graduated jaws

bold = shown

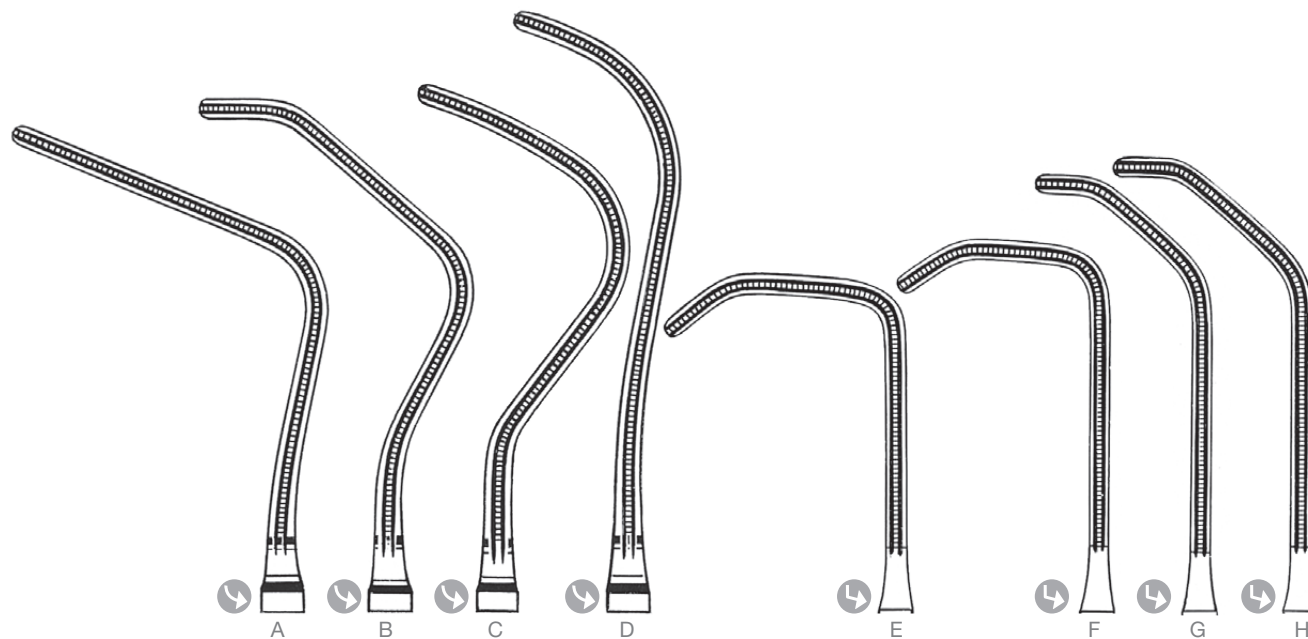


Atraumatic Clamps

22-0404

22-0541





Harken

with DeBakey Jaws

Fig.	Art.-No.	Length
A	22-0408	24.0 cm/9½"
B	22-0404	24.0 cm/9½"
C	22-0402	24.0 cm/9½"
D	22-0400	25.0 cm/10"



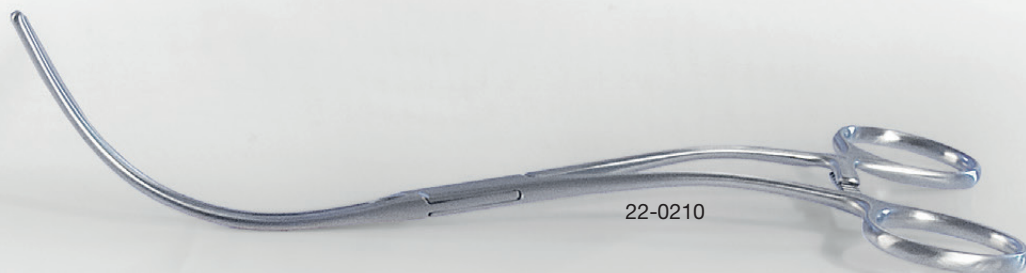
Reynolds

with DeBakey Jaws

Fig.	Art.-No.	Length
E	22-0543	16.5 cm/6½"
F	22-0542	16.5 cm/6½"
G	22-0540	18.0 cm/7"
H	22-0541	18.0 cm/7"



Atraumatic Clamps



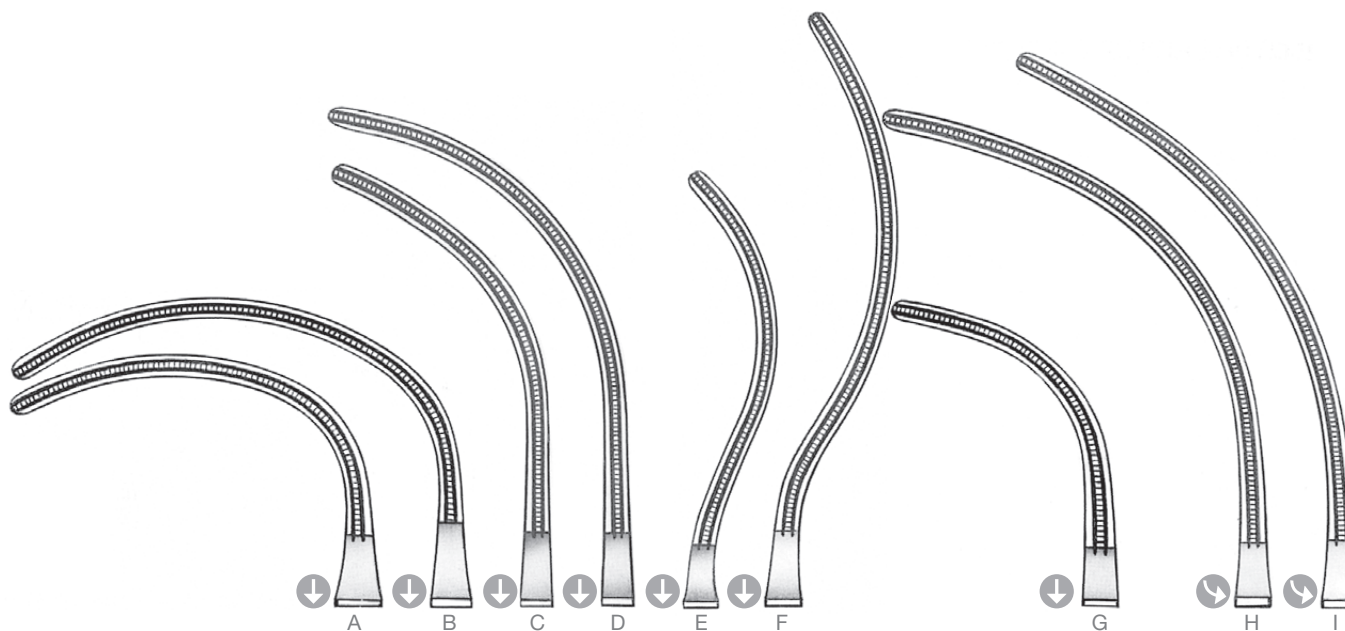
22-0210



22-0140



22-0215



Glover

with DeBakey Jaws

Fig.	Art.-No.	Length
A	22-0146	18.5 cm / 7¼"
B	22-0147	22.0 cm / 8¾"
C	22-0140	21.0 cm / 8¼"
D	22-0141	24.0 cm / 9½"
E	22-0150	21.0 cm / 8¼"
F	22-0151	26.0 cm / 10¼"

Titanium

Fig.	Art.-No.	Length
F	22-0151.TI	26.0 cm / 10¼"



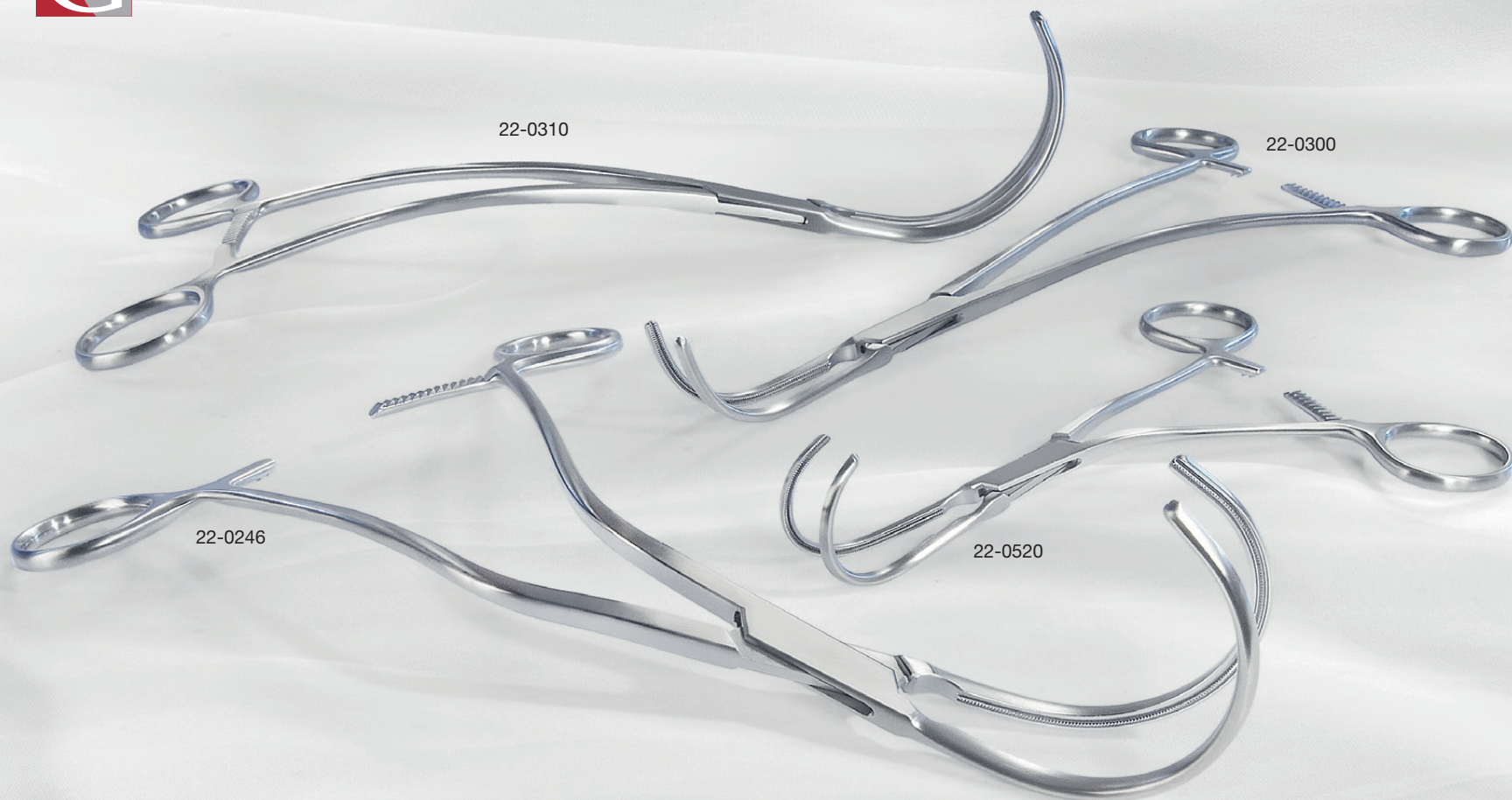
Peripheral

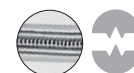
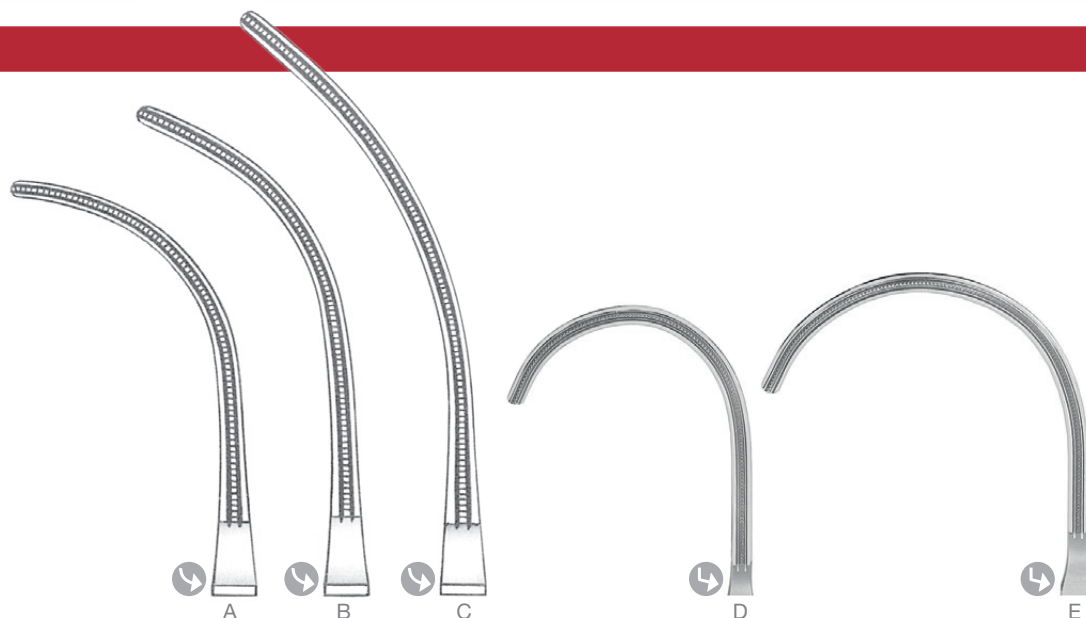
with DeBakey Jaws

Fig.	Art.-No.	Length
G	22-0215	16.0 cm / 6¼"
H	22-0210	19.0 cm / 7½"
I	22-0200	20.0 cm / 8"



Atraumatic Clamps

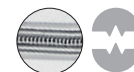




Bahnson

with DeBakey Jaws

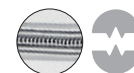
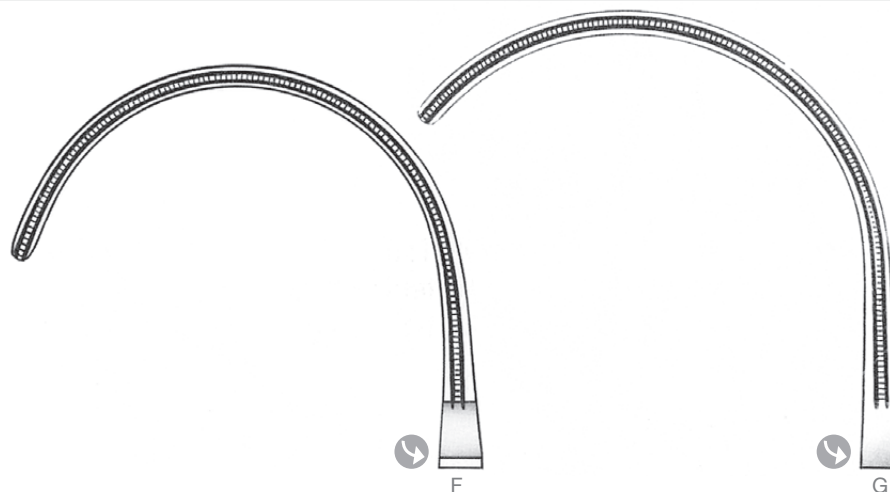
Fig.	Art.-No.	Length
A	22-0300	24.0 cm / 9½"
B	22-0301	25.5 cm / 10"
C	22-0302	26.5 cm / 10½"



Ligature Carrier

with DeBakey Jaws

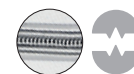
Fig.	Art.-No.	Length
D	22-0520	17.0 cm / 6¾"
E	22-0521	17.0 cm / 6¾"



Weber

with DeBakey Jaws

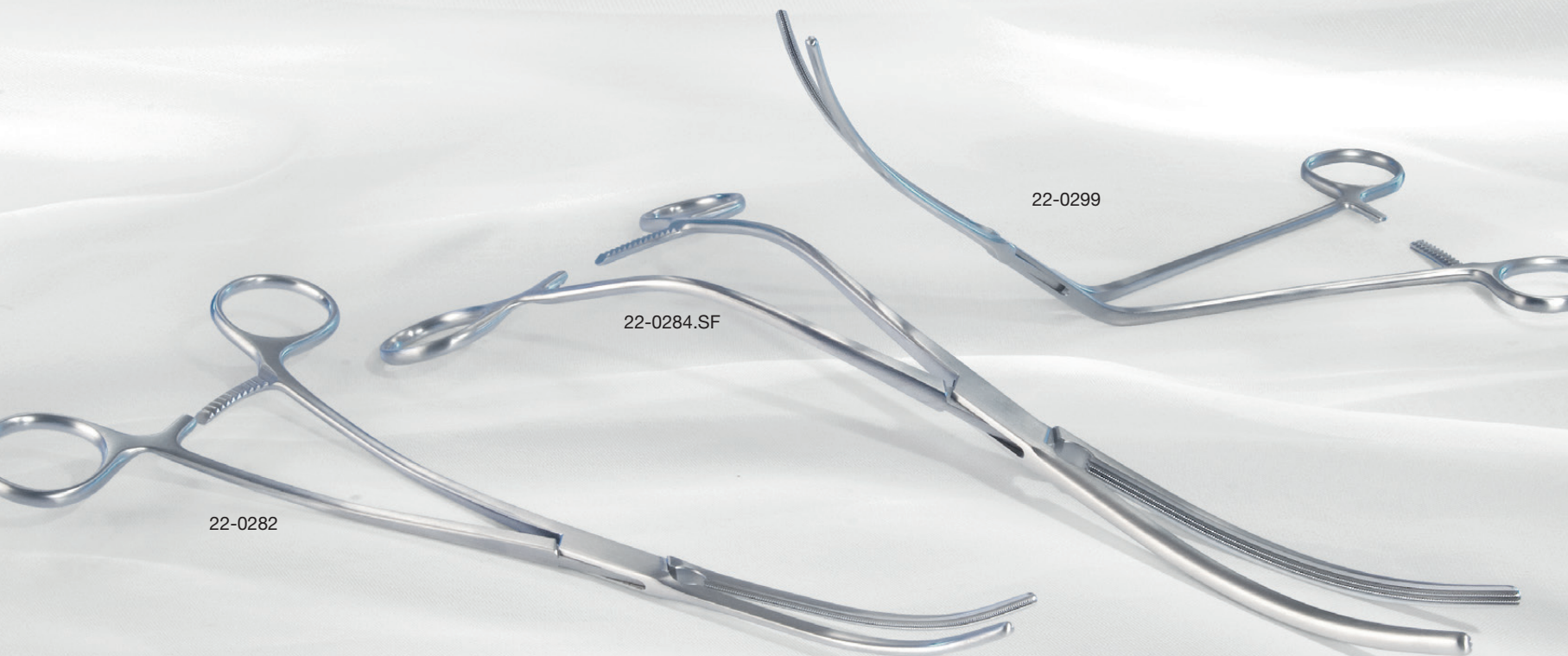
Fig.	Art.-No.	Length
F	22-0246	26.0 cm / 10¼" curved left
F	22-0248	26.0 cm / 10¼" curved right

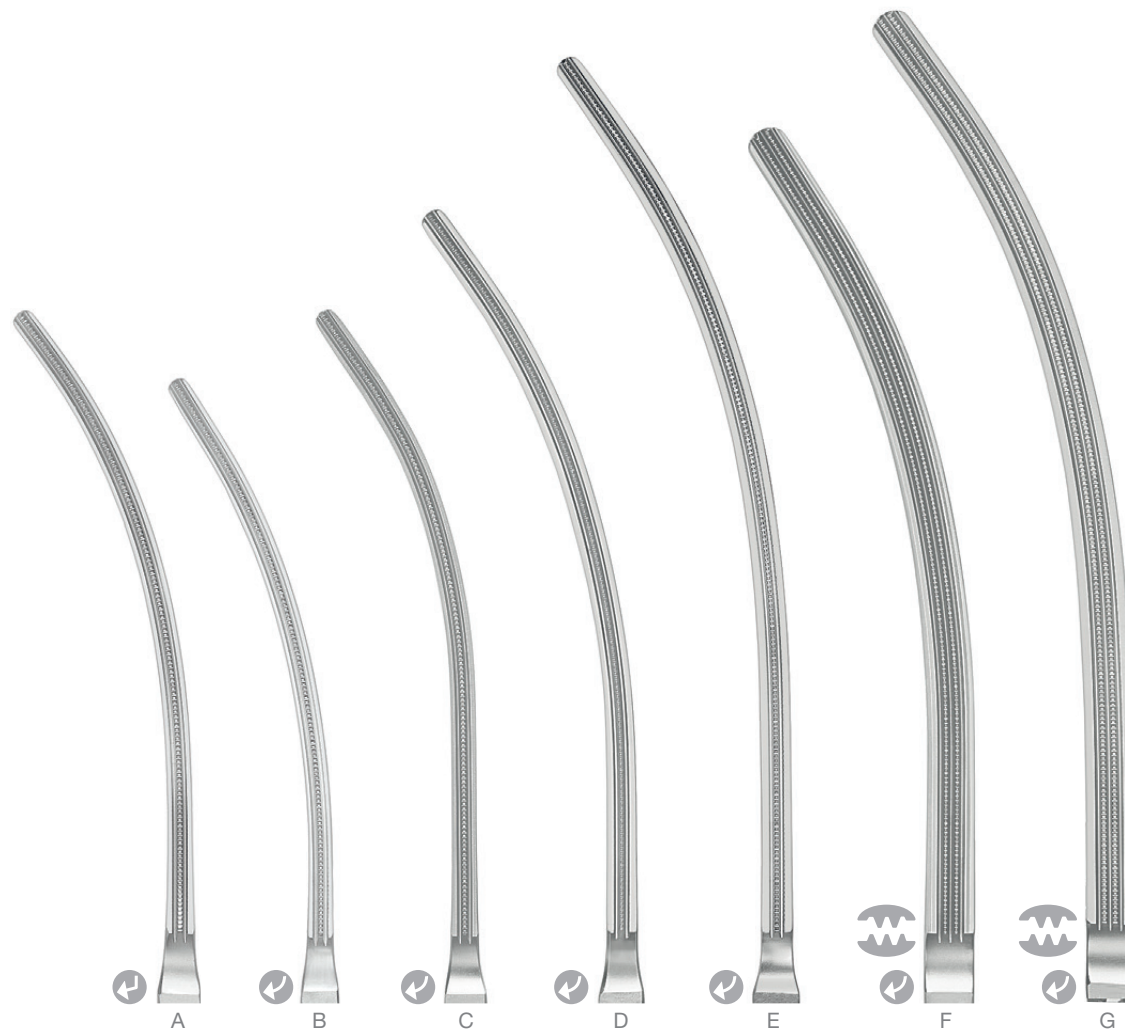


DeBakey

with DeBakey Jaws

Fig.	Art.-No.	Length
G	22-0310	26.5 cm / 10½"



**Bahnson**

with DeBakey Jaws

Fig.	Art.-No.	Length
A	22-0299	26.0 cm / 10¼"

**DeBakey**

with DeBakey Jaws

Fig.	Art.-No.	Length
B	22-0280	24.0 cm / 9½"
C	22-0282	27.0 cm / 10½"
C	22-0282.SF	27.0 cm / 10½"
D	22-0285	30.0 cm / 11¾"
D	22-0285.SF	31.0 cm / 12¼"
E	22-0287	32.5 cm / 12¾"
E	22-0287.SF	32.0 cm / 12½"
F	22-0284	31.0 cm / 12¼"
F	22-0284.SF	31.5 cm / 12½"
G	22-0286	32.5 cm / 12¾"
G	22-0286.SF	33.0 cm / 13"

Titanium

Fig.	Art.-No.	Length
C	22-0282.TI	27.0 cm / 10½"
F	22-0284.TI	30.0 cm / 11¾"
G	22-0286.TI	33.0 cm / 13"
E	22-0287.TI	32.5 cm / 12¾"

Illustrations not 1:1

straight shanks

curved shanks

slightly angled shanks

angled shanks

graduated jaws

bold = shown shown



23-0381



23-0423



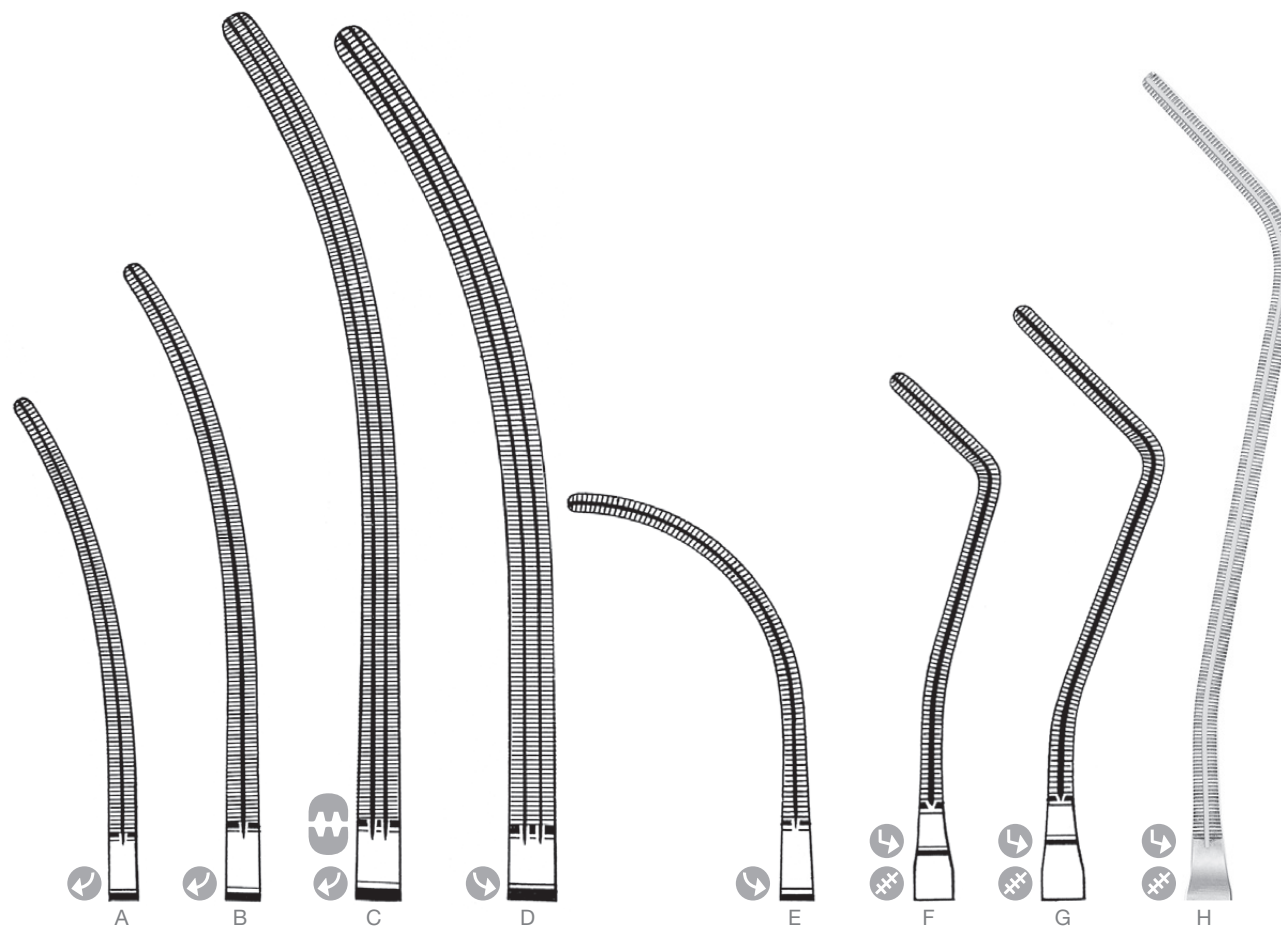
23-0694



23-0455

Atraumatic Clamps

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Cooley

with Cooley Jaws

Fig.	Art.-No.	Length
A	23-0435	19.0 cm / 7½"
B	23-0423	27.0 cm / 10½"
C	23-0427	33.0 cm / 13"
D	23-0455	31.5 cm / 12½"
E	23-0381	24.0 cm / 9½"
F	23-0692	18.5 cm / 7¼"
G	23-0694	19.5 cm / 7¾"
H	23-0696	27.5 cm / 10¾"

Illustrations not 1:1

straight shanks

curved shanks

slightly angled shanks

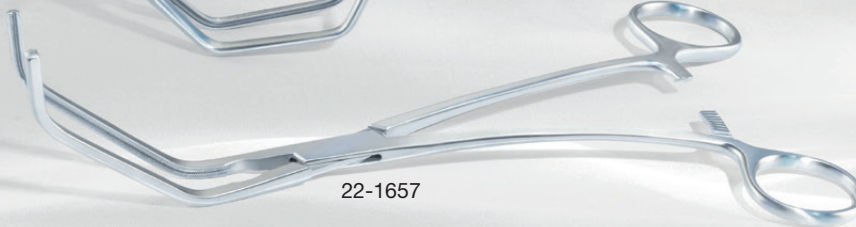
angled shanks

graduated jaws

bold = shown shown



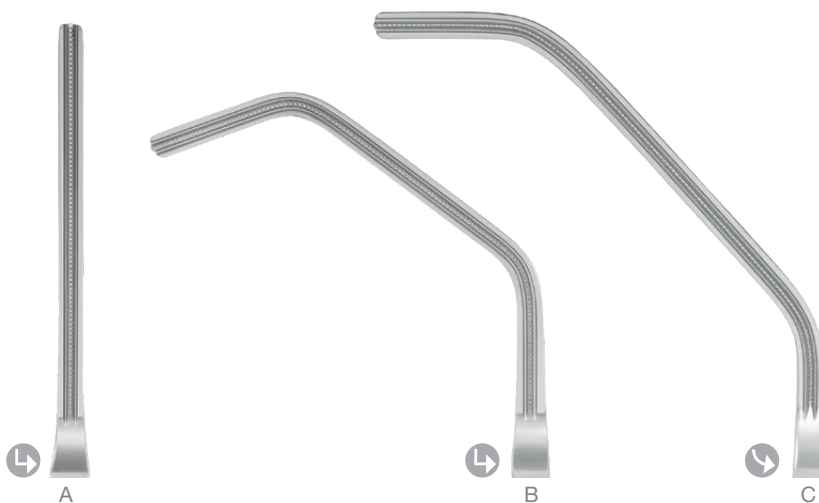
22-0375



22-1657



22-0311



DeBakey

with DeBakey Jaws

Art.-No.	Length	Jaw	
A 22-0311	16.5 cm / 6½"	60 mm	90° angled up
A 22-0312	13.0 cm / 5"	48 mm	90° angled up



Liver-Transplant

with DeBakey Jaws

Fig.	Art.-No.	Length
B	22-0375	25.5 cm / 10"



Swan

with DeBakey Jaws

Fig.	Art.-No.	Length	Length of Jaw
C	22-1657	23.0 cm / 9"	70 mm



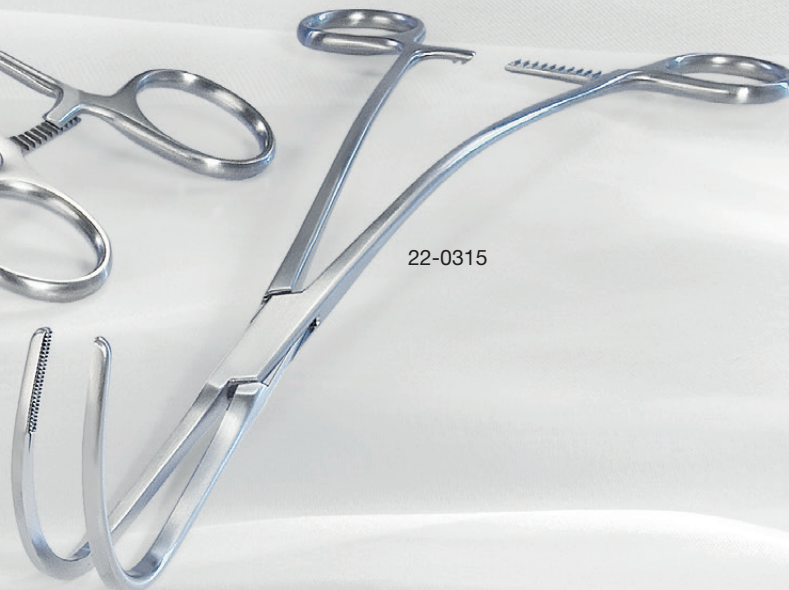
Atraumatic Clamps



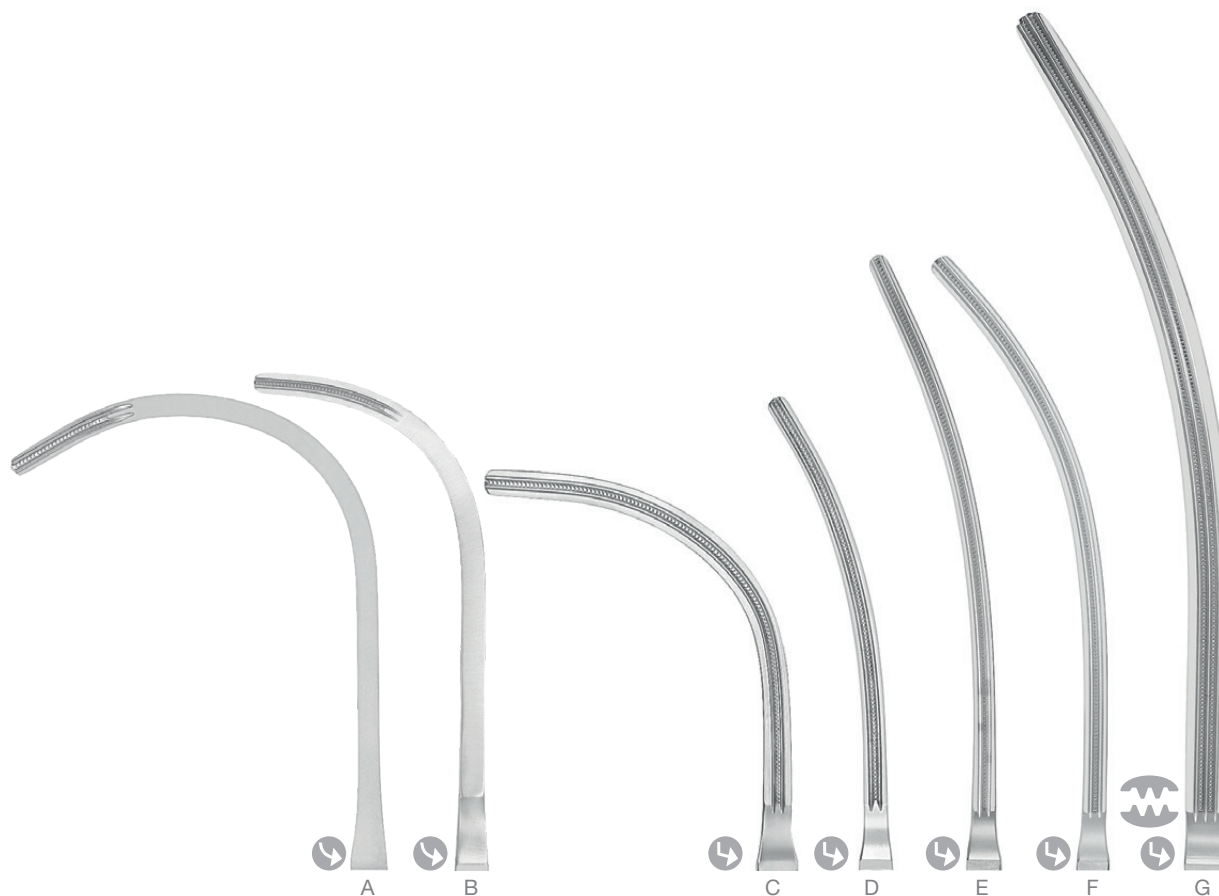
22-0660



22-0440



22-0315



Semb Ligature Carriers

with DeBailey Jaws

Fig.	Art.-No.	Length mm / "
A	22-0315	270/10½
B	22-0316	250/10



Wylie

with DeBailey Jaws

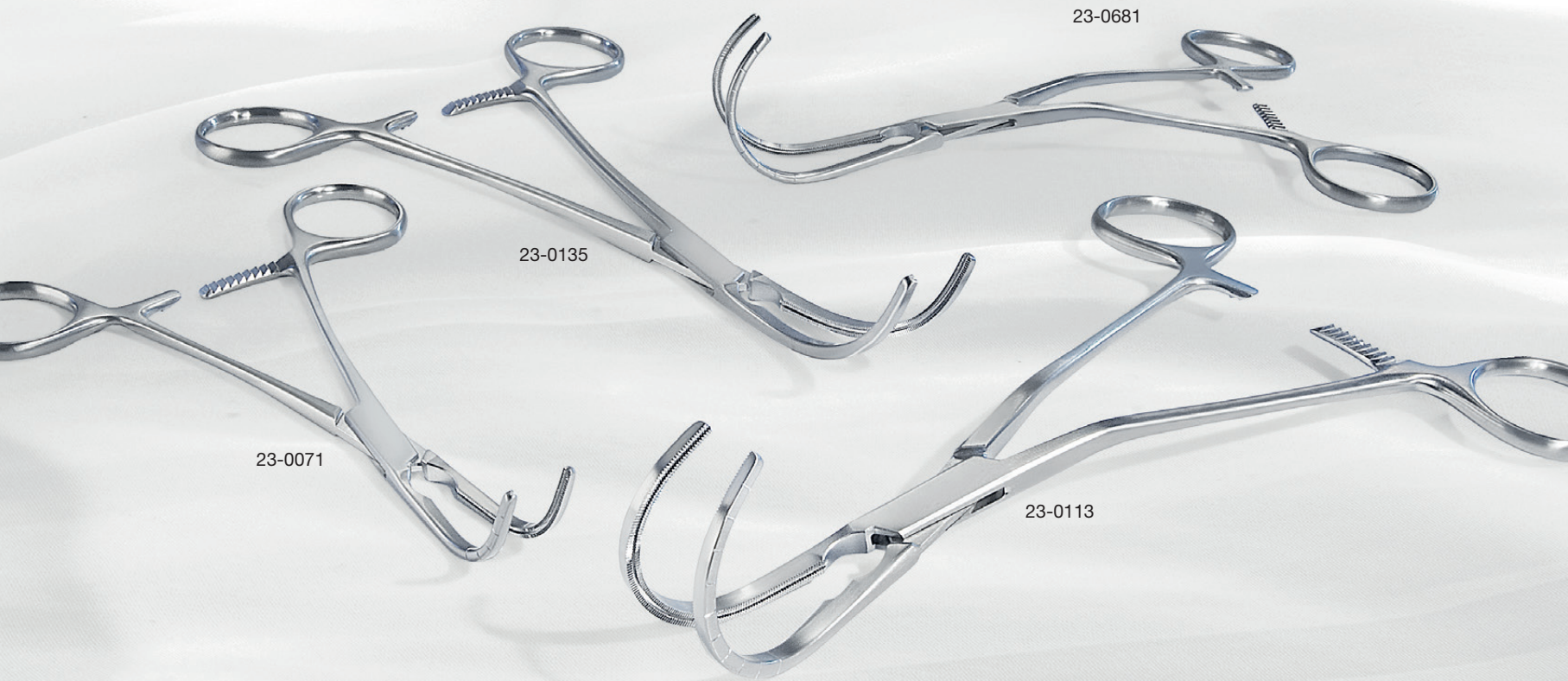
Fig.	Art.-No.	Length mm / "
C	22-0661	260/10¼
D	22-0660	240/9½

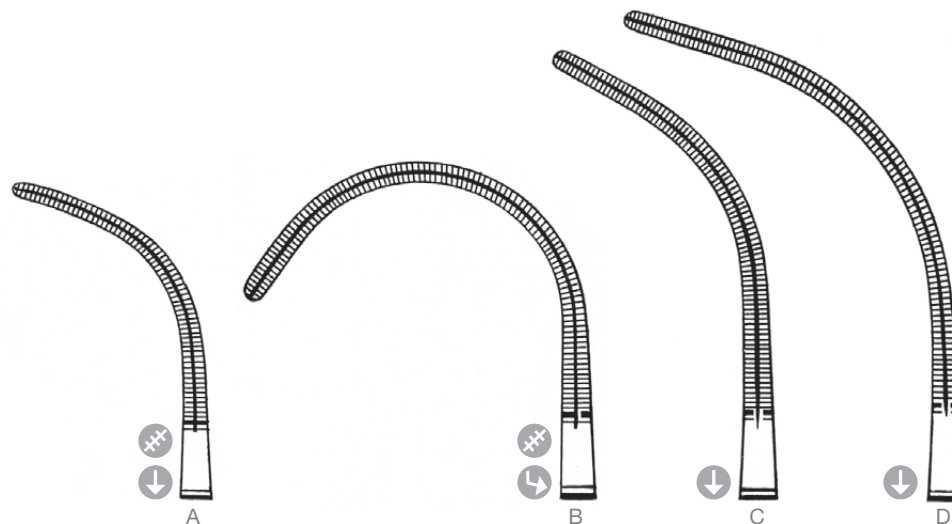


Zanger

with DeBailey Jaws

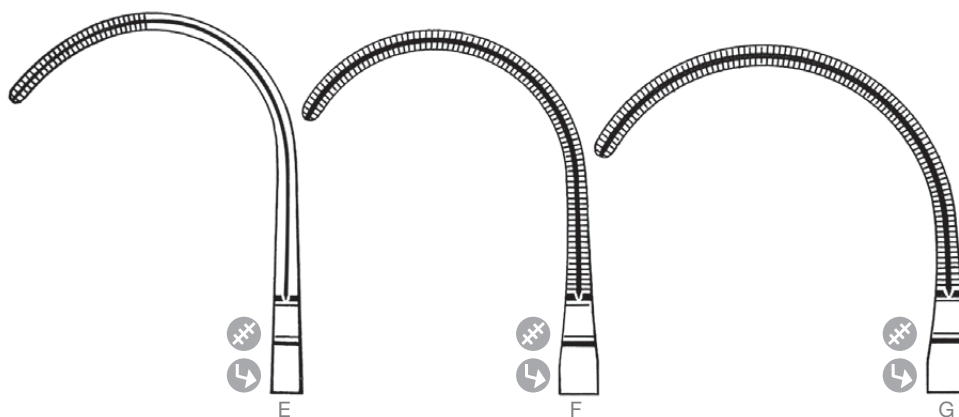
Fig.	Art.-No.	Length mm / "
E	22-0440	215/8½
F	22-0441	250/10
G	22-0442	305/12





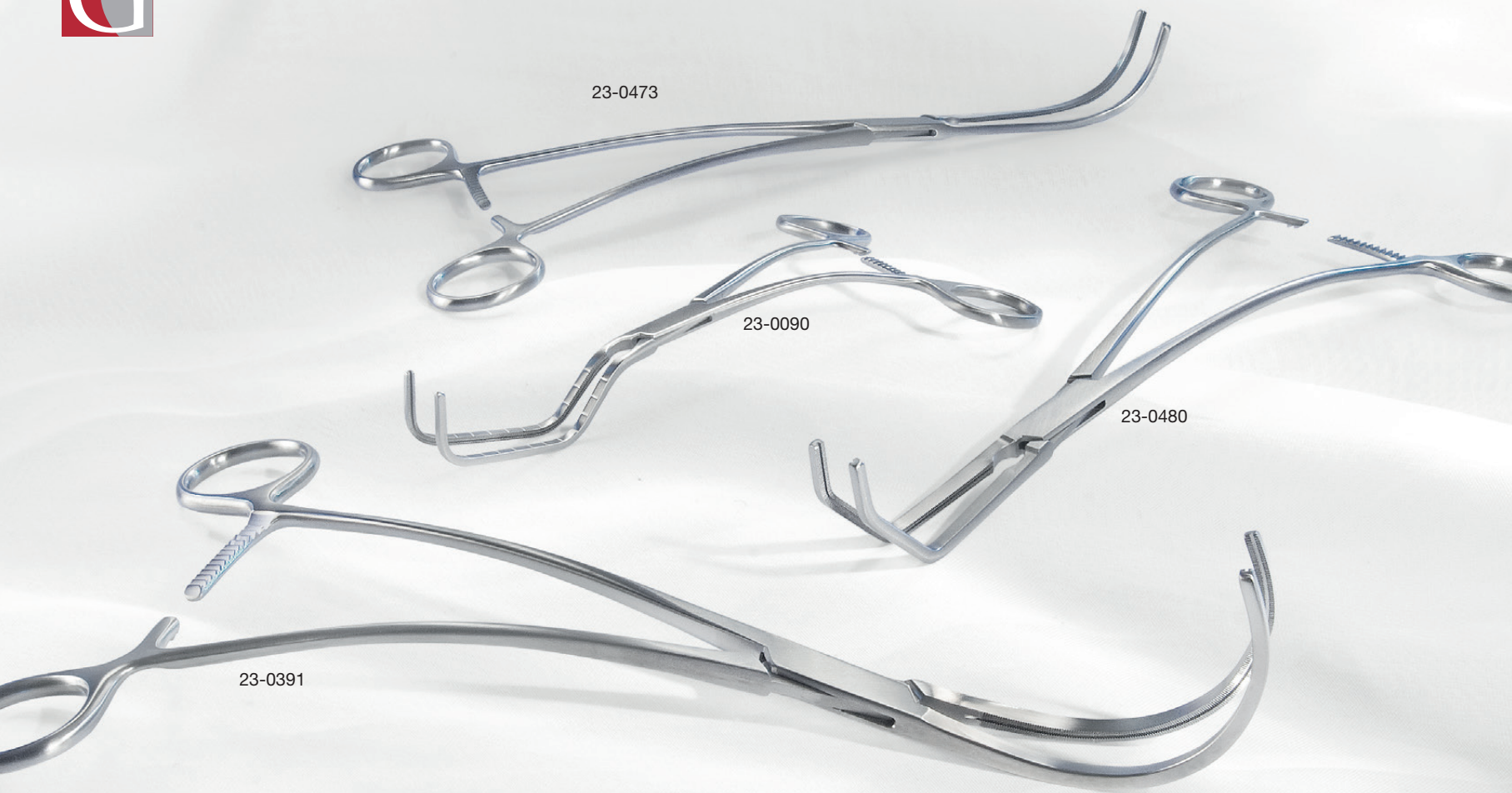
Peripheral with Cooley Jaws

Fig.	Art.-No.	Length mm / "
A	23-0071	160/6¼
B	23-0113	200/8
C	23-0133	215/8½
D	23-0135	245/9¾



Ligature Carriers with Cooley Jaws

Fig.	Art.-No.	Length mm / "
E	23-0680	170/6¾
F	23-0681	170/6¾
G	23-0682	170/6¾

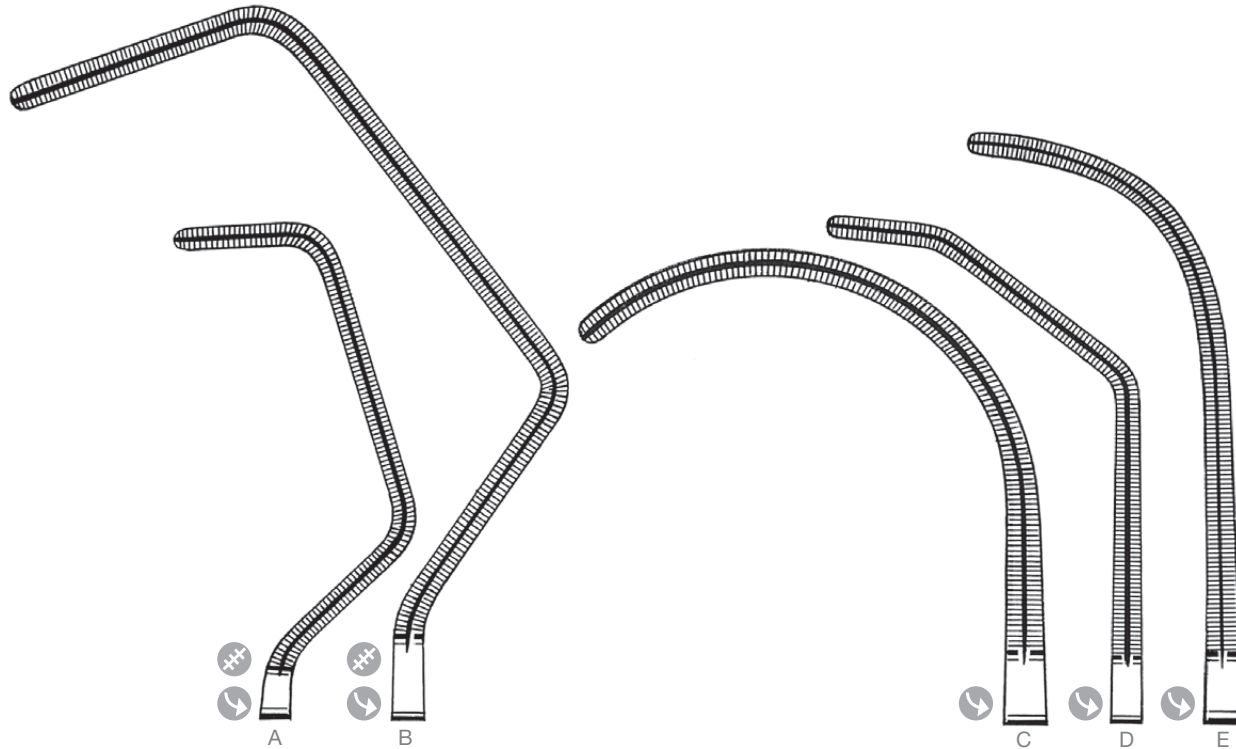


23-0473

23-0090

23-0480

23-0391



Parry

with Cooley Jaws

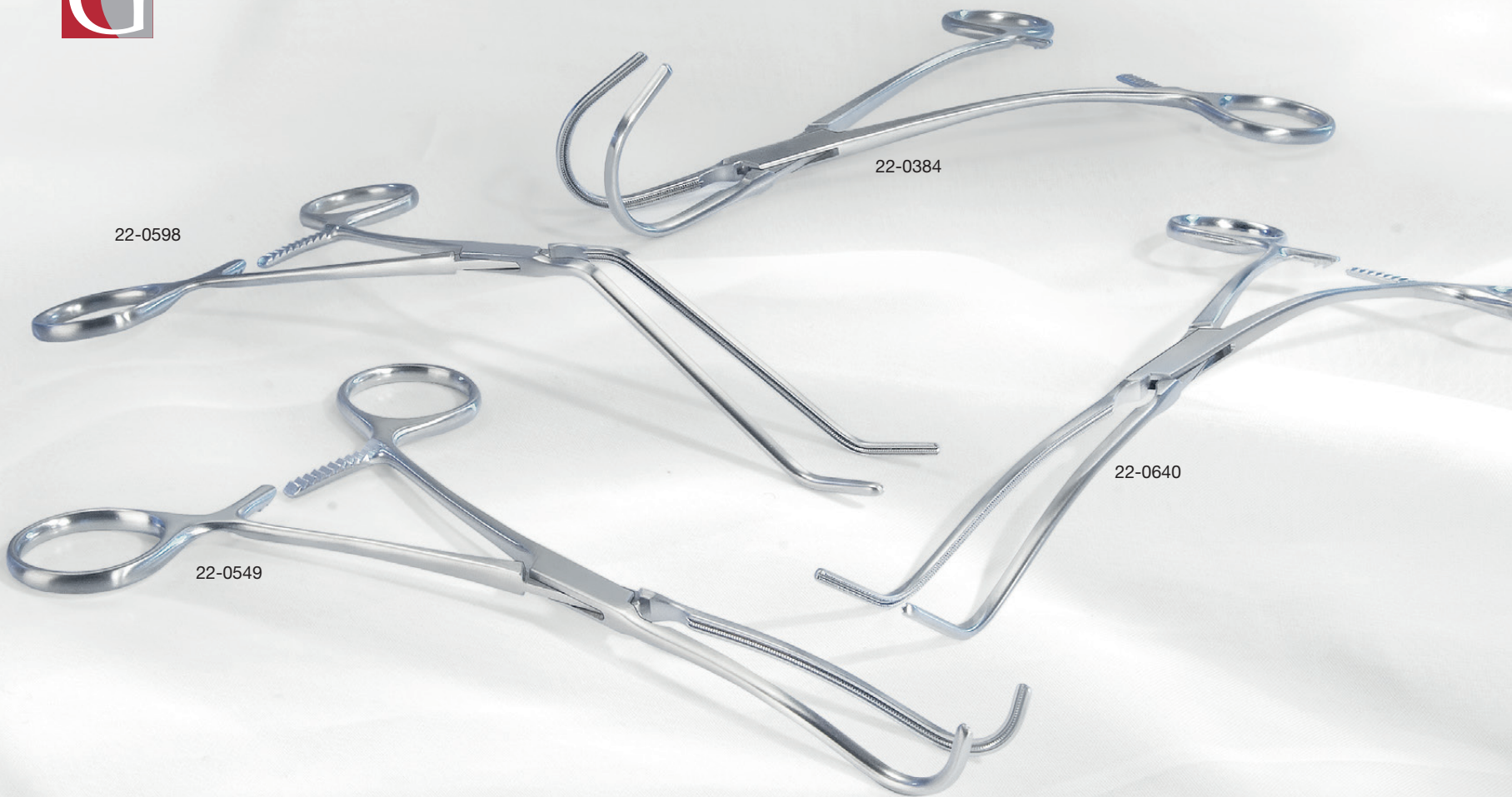
Fig.	Art.-No.	Length mm / "
A	23-0090	180 / 7
B	23-0092	260 / 10¼

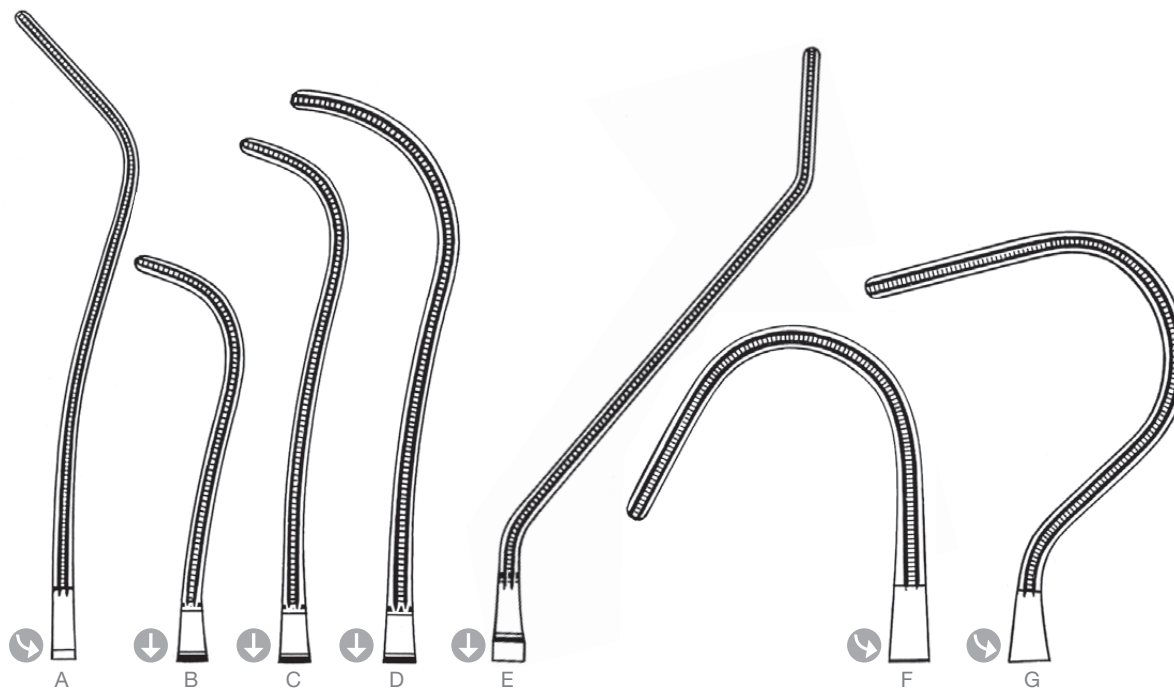


Cooley

with Cooley Jaws

Fig.	Art.-No.	Length mm / "
C	23-0391	275 / 10¾
D	23-0480	260 / 10¼
E	23-0473	270 / 10½





Dissecting and Ligature Forceps

with DeBaKey Jaws

Fig.	Art.-No.	Length mm / "
A	22-0640	200/8
B	22-0550	205/8
C	22-0549	190/7½
C	22-0552	215/8½
D	22-0551	230/9

Henly

with DeBaKey Jaws

Fig.	Art.-No.	Length mm / "
E	22-0598	200/8

Wylie

with DeBaKey Jaws

Fig.	Art.-No.	Length mm / "
F	22-0384	200/8
G	22-0386	220/8¾

Illustrations not 1:1

↓ straight shanks

↪ ↩ curved shanks

↪ ↩ slightly angled shanks

↪ ↩ angled shanks

⊗ graduated jaws

bold = shown shown



Atraumatic Clamps



22-0680

22-1651

22-0275

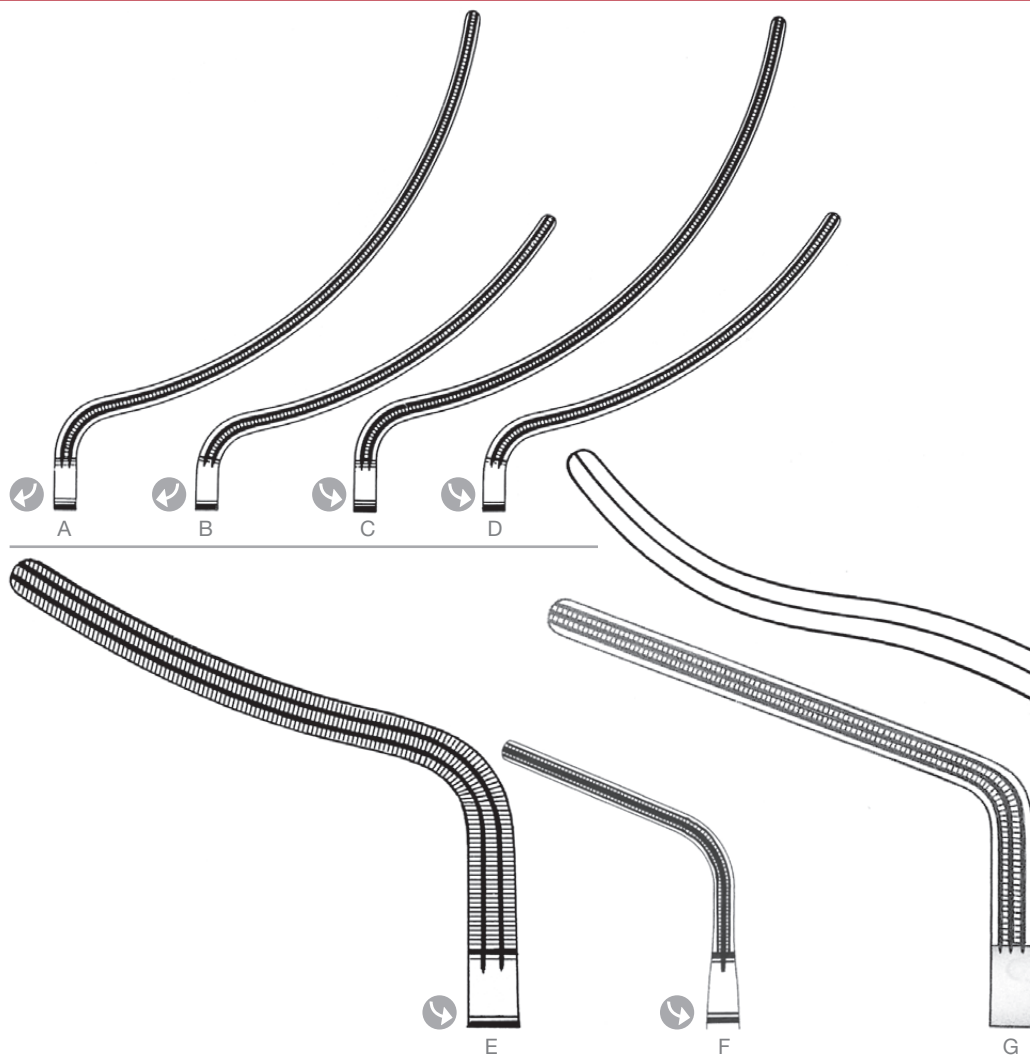
22-0320

23-0699

22-0687

Atraumatic Clamps

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Wylie

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
A	22-0687	200 / 8
B	22-0685	170 / 6¾
C	22-0682	190 / 7½
D	22-0680	160 / 6¼



Cooley

with Cooley Jaws

Fig.	Art.-No.	Length mm / "
E	23-0699	270 / 10½



Subramanian

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
F	22-0275	160 / 6¼ jaw angled 135°



DeBakey

with DeBakey Jaws

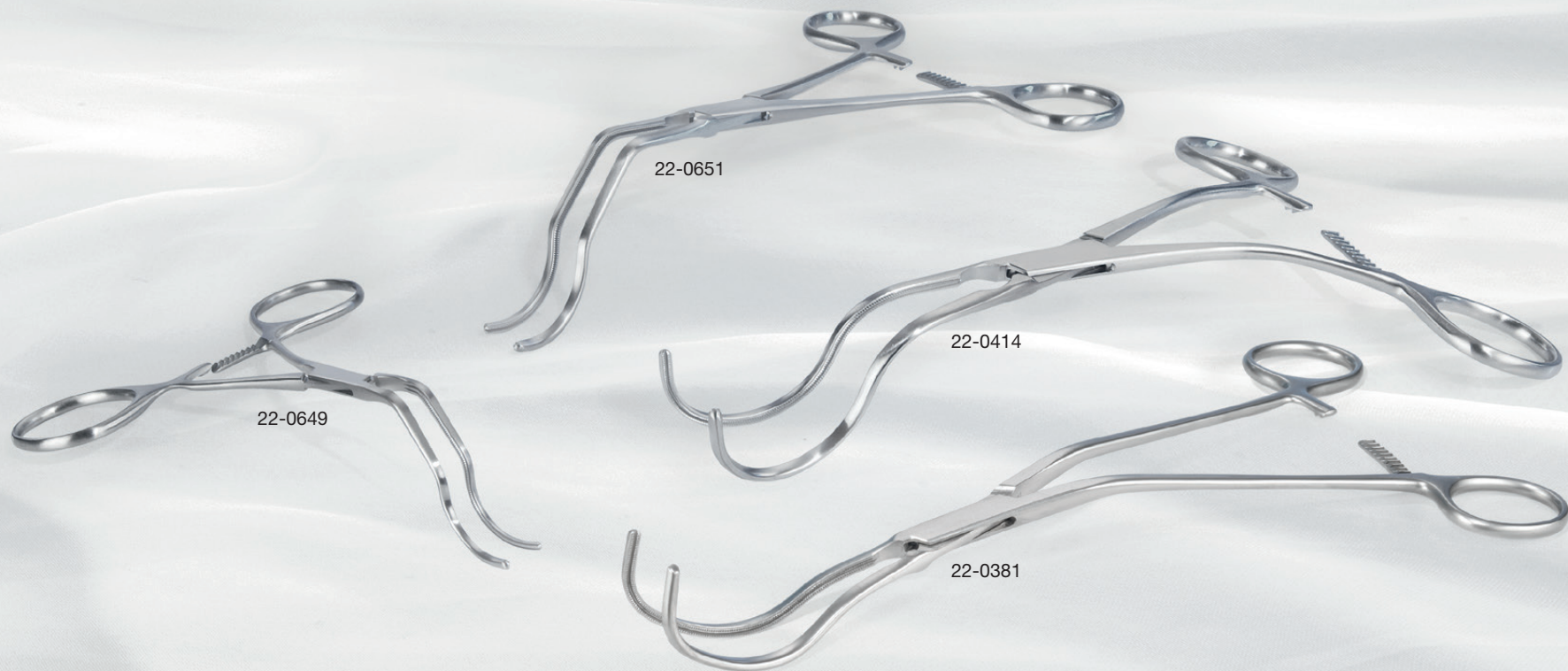
Fig.	Art.-No.	Length mm / "
G	22-0320	270 / 10½



Grant

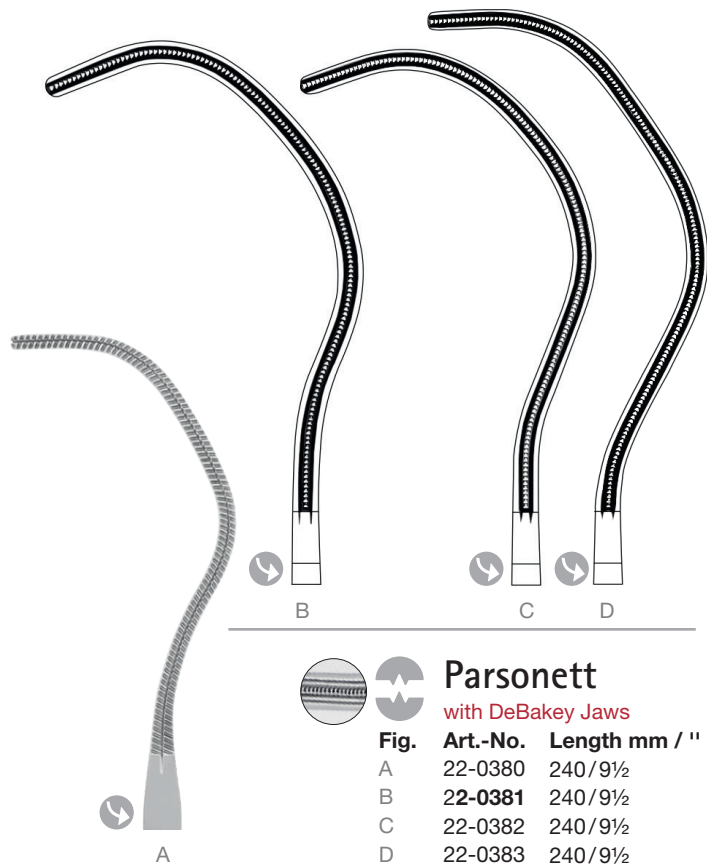
with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
G	22-1651	245 / 9¾



Atraumatic Clamps

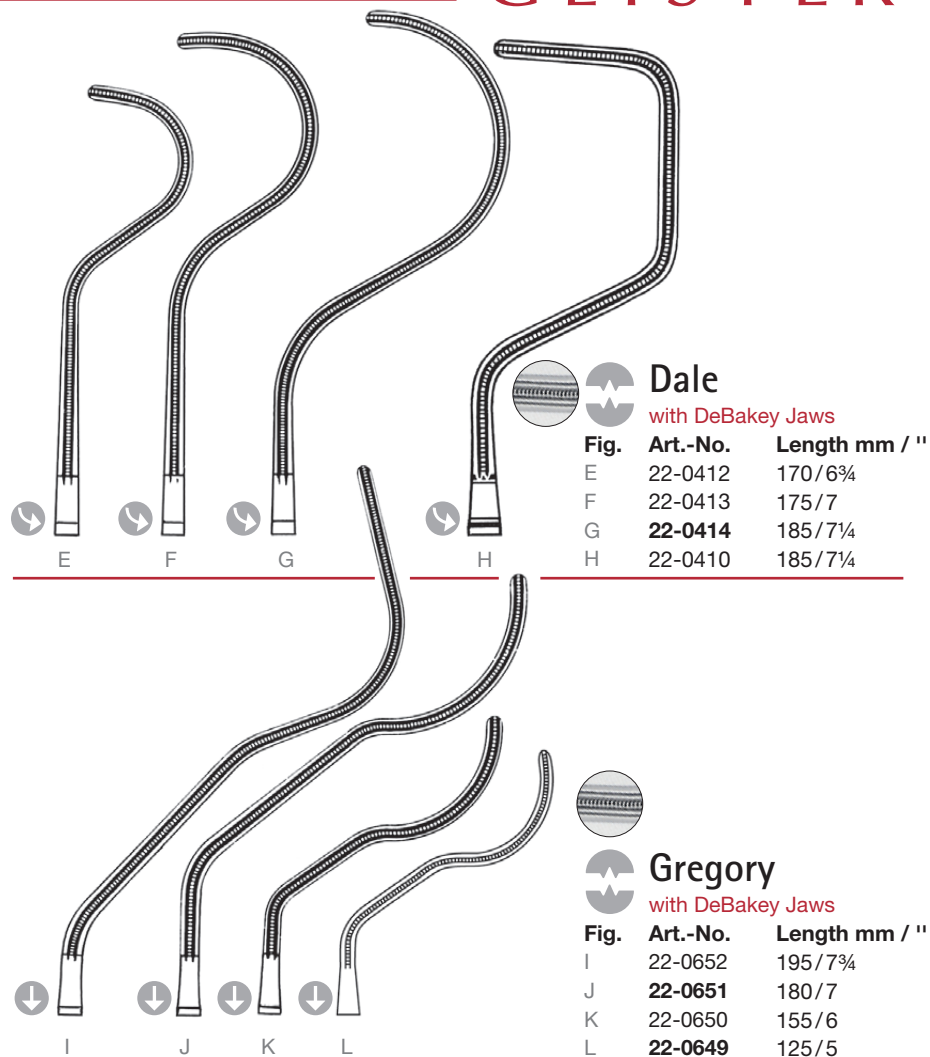
GEISTER®



Illustrations not 1:1

↓ straight shanks

↪ ↩ curved shanks



↪ ↩ slightly angled shanks

↪ ↩ angled shanks

⋯ graduated jaws

bold = shown shown





Cooley-Occlusion

with Cooley Jaws

Fig.	Art.-No.	Length	Charr. / Fr.
A	23-0620	15.5 cm / 6"	20
A	23-0624	16.5 cm / 6½"	24
A	23-0626	19.5 cm / 7¾"	26
A	23-0628	19.5 cm / 7¾"	28
A	23-0630	19.5 cm / 7¾"	30
A	23-0632	19.5 cm / 7¾"	32
A	23-0634	19.5 cm / 7¾"	34
A	23-0636	19.5 cm / 7¾"	36
A	23-0638	19.5 cm / 7¾"	38
A	23-0640	19.5 cm / 7¾"	40

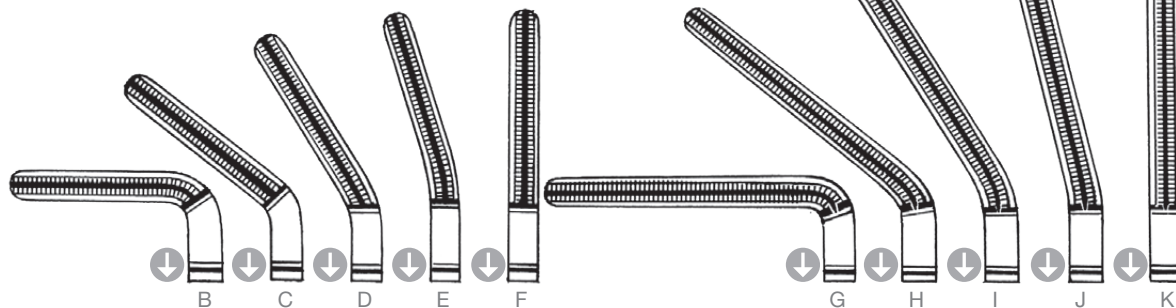


Multi-Purpose

with Dardik-Jaws

Fig.	Art.-No.	Length	Angle	Weight g
B	22-2614	13.5 cm / 5¼"	90°	28
C	22-2613	14.5 cm / 5¾"	45°	28
D	22-2612	14.5 cm / 5¾"	30°	28
E	22-2611	15.0 cm / 6"	15°	28
F	22-2610	15.0 cm / 6"	0°	28
G	22-2624	13.0 cm / 5"	90°	28
H	22-2623	15.5 cm / 6"	45°	28
I	22-2622	16.5 cm / 6½"	30°	28
J	22-2621	17.0 cm / 6¾"	15°	28
K	22-2620	17.0 cm / 6¾"	0°	28

These clamps can be used in a variety of applications. The 4.4 mm wide jaws are semi-flexible so that forces can be distributed over a broad area. The clamps are ultra-light weight (28 gr.) and have the atraumatic DARDIK-serrations.





Liver Transplant Clamps



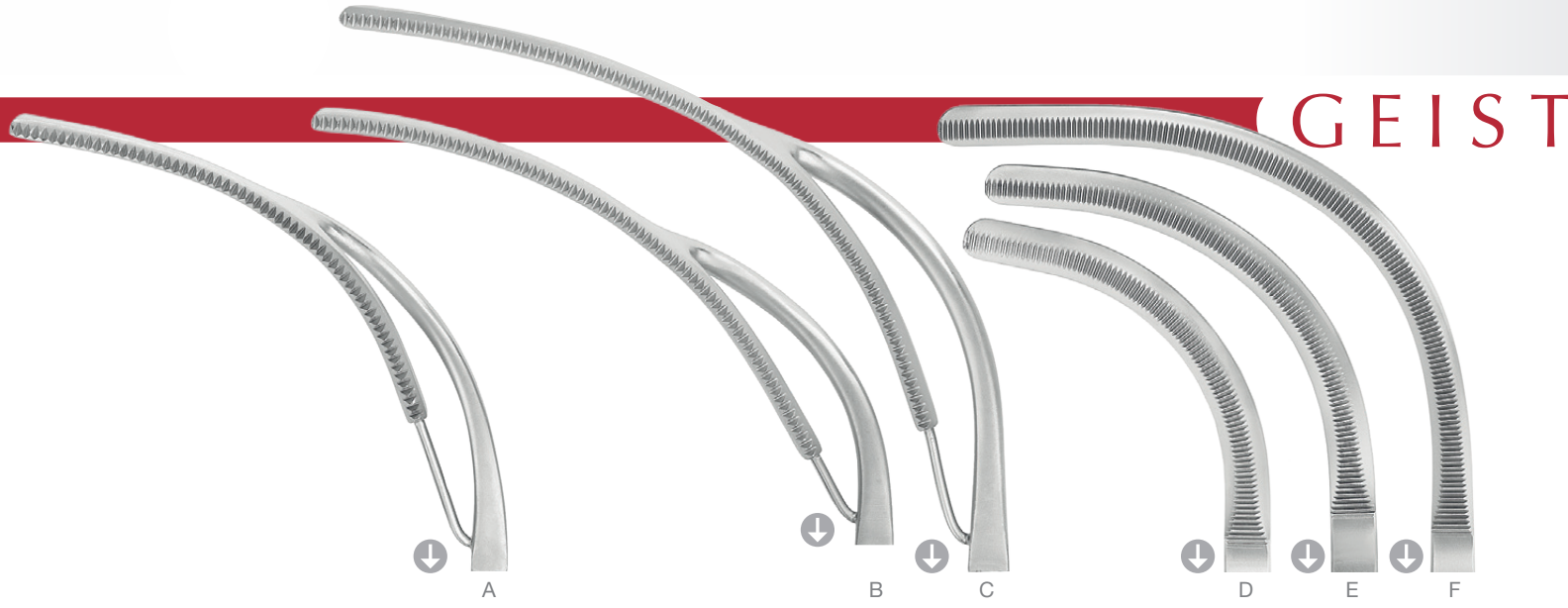
22-1808

22-1812

22-1827

22-1828

GEISTER®



Klintmalm

Fig.	Art.-No.	Length	Jaws
A	22-1811	18.0 cm / 7"	65 mm
B	22-1812	21.0 cm / 8¼"	80 mm
C	22-1813	25.0 cm / 10"	95 mm

Potts (German Clamps)

Fig.	Art.-No.	Length	Jaws
D	22-1826	25.5 cm / 10¾"	55 x 42 mm
E	22-1827	26.0 cm / 10¼"	60 x 52 mm
F	22-1829	27.0 cm / 10½"	70 x 71 mm
G	22-1828	27.0 cm / 10½"	70 x 62 mm

Kofidis

angled shanks

Fig.	Art.-No.	Length	Jaws
H	22-1808	25.5 cm / 10¾"	45 x 23 mm

Illustrations not 1:1

↓ straight shanks

↻ ↻ curved shanks

↻ ↻ slightly angled shanks

↻ ↻ angled shanks

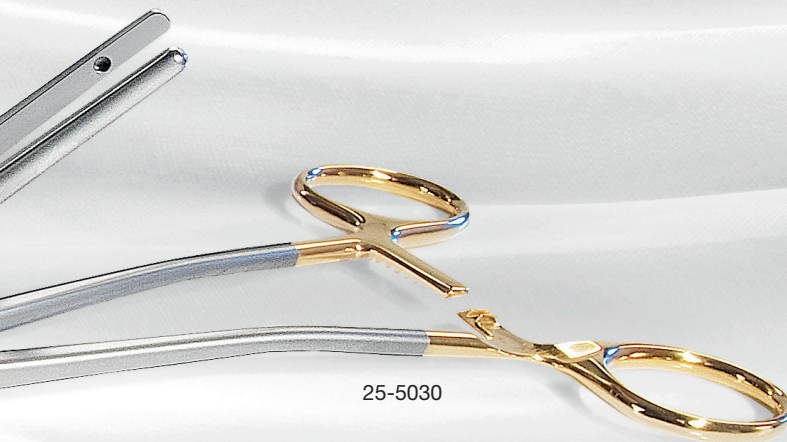
▨ graduated jaws

bold = shown



Clamps for Inserts

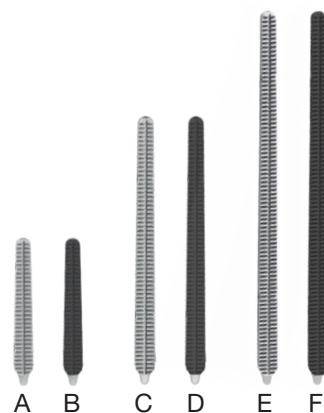
GEISTER®



25-5030

Clamps for Inserts

Art.-No.	Length mm / "	Jaws
25-5020	170 / 6¾	33 mm
25-5030	290 / 11½	61 mm
25-5055	300 / 11¾	86 mm
25-5025	160 / 6¼	33 mm
25-5040	260 / 10¼	61 mm
25-5045	260 / 10¼	61 mm
25-5050	290 / 11½	86 mm



A B C D E F

Jaw inserts, reusable*, 3 pairs/pack

	Art.-No.	Length	Shore (hardness)
A+B	25-5081	33 mm hard/soft	80/20
A+A	25-5082	33 mm hard/hard	80/80
B+B	25-5083	33 mm soft/soft	20/20
C+D	25-5084	61 mm hard/soft	80/20
C+C	25-5085	61 mm hard/hard	80/80
D+D	25-5086	61 mm soft/soft	20/20
E+F	25-5087	86 mm hard/soft	80/20
E+E	25-5088	86 mm hard/hard	80/80
F+F	25-5089	86 mm soft/soft	20/20

Fig.: not 1:1

* limited up to 20 cycles ● = hard ● = soft

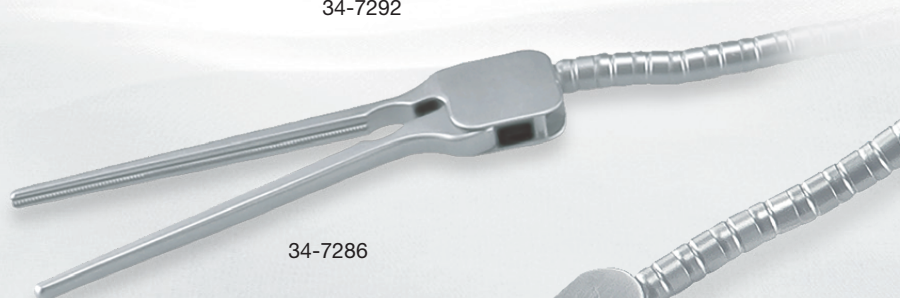
bold = shown



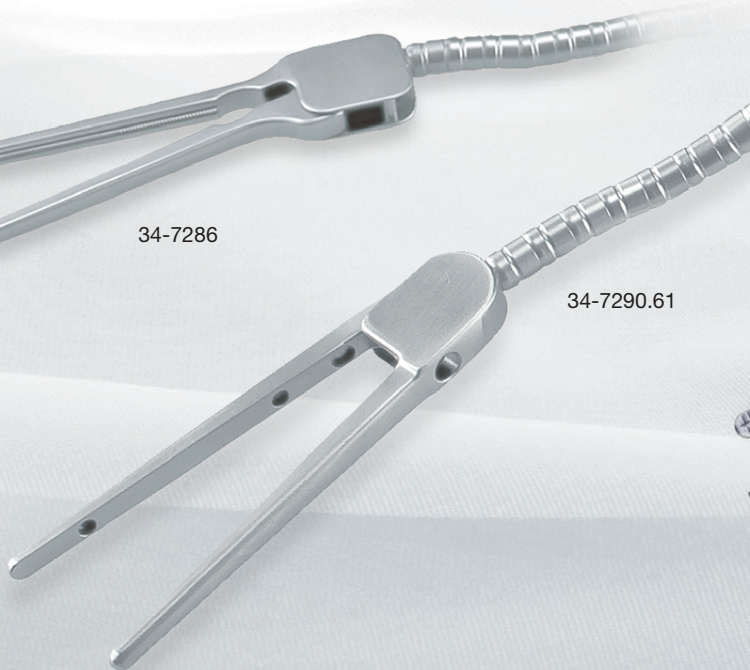
Atraumatic Flexible Clamps



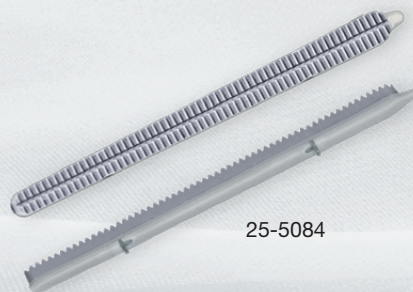
34-7292



34-7286

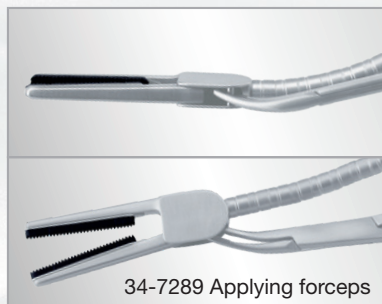


34-7290.61



25-5084



**34-7288**

Application and Steering Support
for flexible clamps

Length: 41 cm

Flexible Clamps

Flexible shaft, DeBaKey serrations

Art.-No.	Jaw Length	
34-7285	50 mm	
34-7285.GB	50 mm	curved
34-7286	75 mm	
34-7286.GB	75 mm	curved
34-7287	100 mm	
34-7287.GB	100 mm	curved

34-7292 50 mm Lambert-Kay

Flexible Clamps for Inserts

Flexible shaft, without inserts

Art.-No.	Jaw Length
34-7290.33	33 mm
34-7290.61	61 mm
34-7290.86	86 mm

Jaw inserts, reusable*, 3 pairs/pack

	Art.-No.	Length	Shore (hardness)
A+B	25-5081	33 mm hard/soft	80/20
A+A	25-5082	33 mm hard/hard	80/80
B+B	25-5083	33 mm soft/soft	20/20
C+D	25-5084	61 mm hard/soft	80/20
C+C	25-5085	61 mm hard/hard	80/80
D+D	25-5086	61 mm soft/soft	20/20
E+F	25-5087	86 mm hard/soft	80/20
E+E	25-5088	86 mm hard/hard	80/80
F+F	25-5089	86 mm soft/soft	20/20

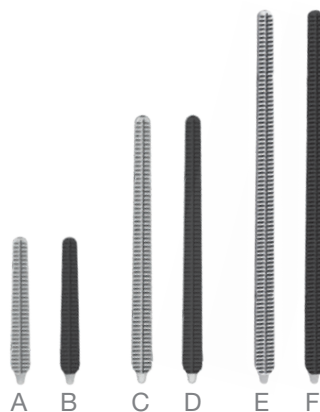


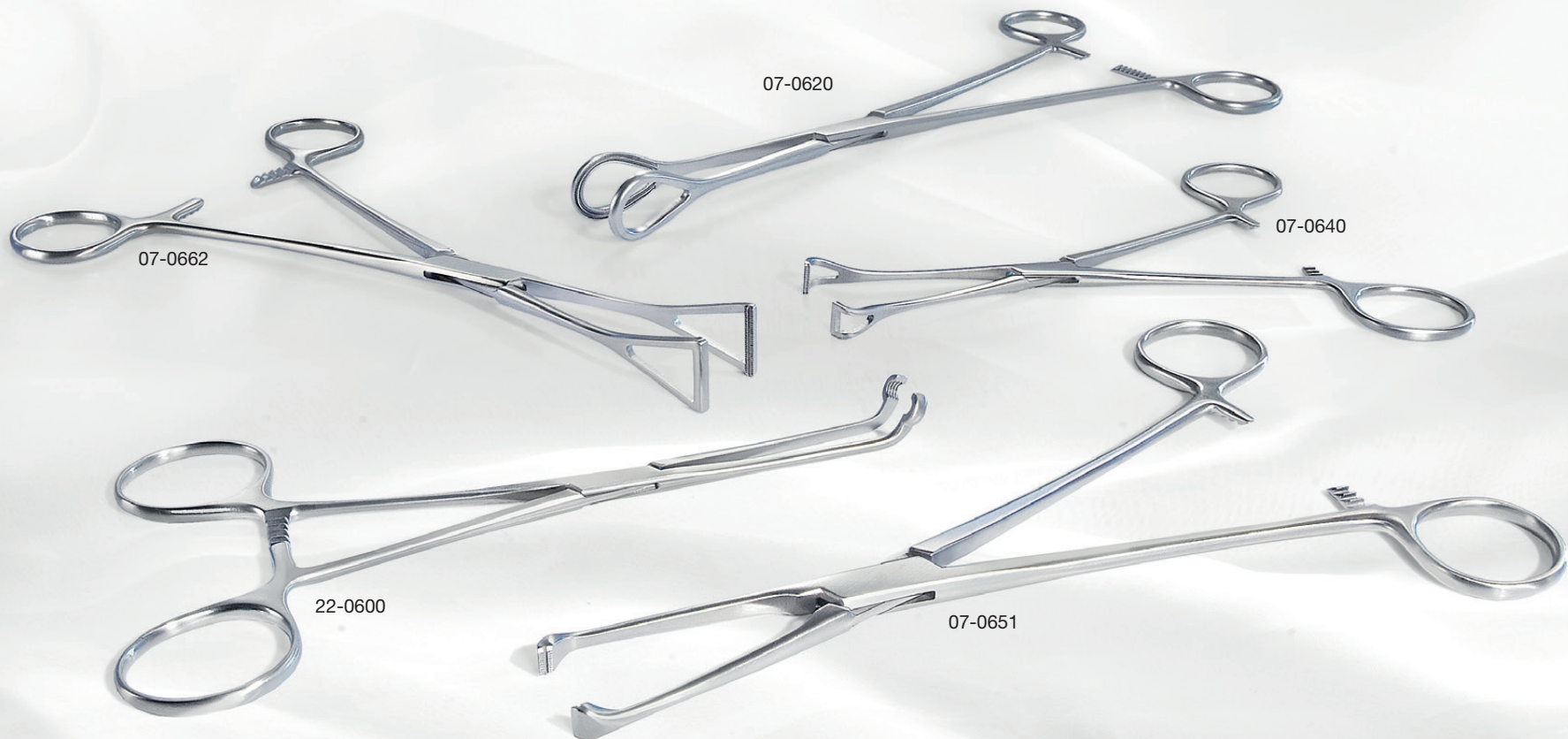
Fig.: not 1:1

* limited up to 20 cycles

● = hard

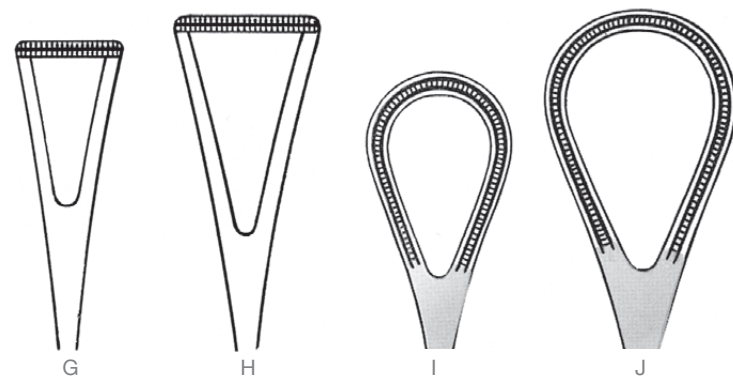
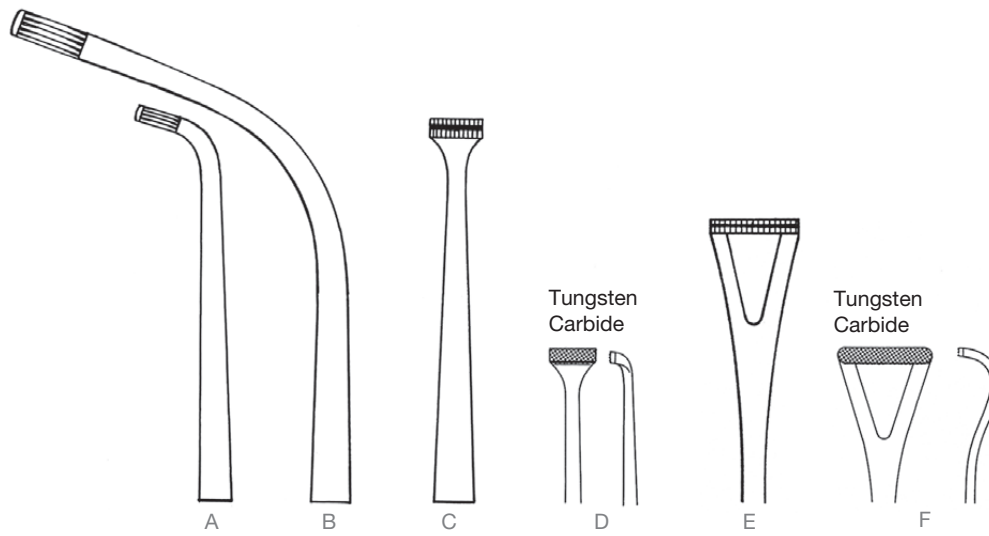
● = soft

* **bold** = shown



Atraumatic Clamps and Forceps

GEISTER®



Illustrations not 1:1

Allis

with TC-Inserts

Fig.	Art.-No.	Length
D	07-0830	15.0 cm / 6"
D	07-0831	19.0 cm / 7½"



Babcock

with Cooley Jaws

Fig.	Art.-No.	Length
E	07-0640	16.0 cm / 6¼"
E	07-0641	21.0 cm / 8¼"

Babcock

with TC-Inserts

Fig.	Art.-No.	Length
F	07-0802	20.0 cm / 8"

Javid

Fig.	Art.-No.	Length
A	22-0600	16.0 cm / 6¼"
B	22-0601	19.0 cm / 7½"



Allis

with Cooley Jaws

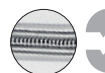
Fig.	Art.-No.	Length
C	07-0650	15.5 cm / 6"
C	07-0651	20.0 cm / 8"
C	07-0652	22.0 cm / 8¾"
C	07-0653	25.0 cm / 10"
C	07-0654	30.0 cm / 11¾"



Duval

with Cooley Jaws

Fig.	Art.-No.	Length
G	07-0660	20.5 cm / 8"
H	07-0662	20.5 cm / 8"



Grasping Forceps

with DeBakey Jaws

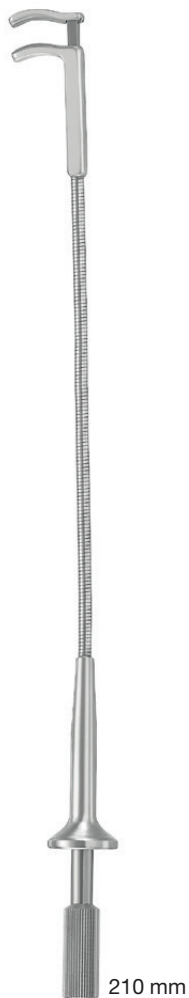
Fig.	Art.-No.	Length
I	07-0620	25.0 cm / 10"
J	07-0622	26.0 cm / 10¼"

bold = shown



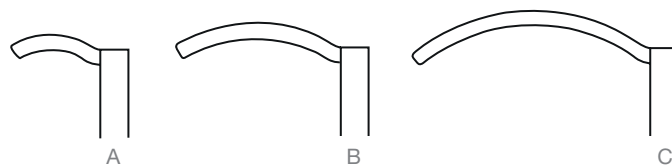
03-6001

closing pressure adjustable



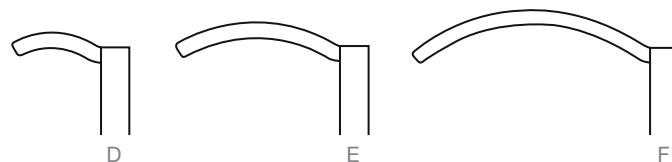
210 mm

Illustrations not 1:1



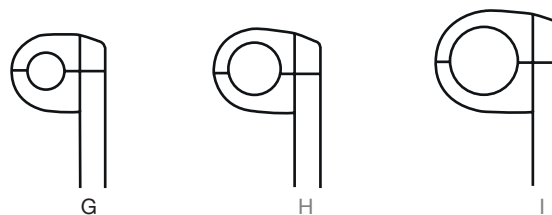
Semi-flexible Clamps

Fig.	Art.-No.	Length of Jaws mm / "	
A	03-6001	12 / 1/2	atraumatic
A	03-6011	12 / 1/2	smooth
B	03-6003	20 / 3/4	atraumatic
B	03-6013	20 / 3/4	smooth
C	03-6005	30 / 1 1/4	atraumatic
C	03-6015	30 / 1 1/4	smooth



All-flexible Clamps

Fig.	Art.-No.	Length of Jaws mm / "	
D	03-6021	12 / 1/2	atraumatic
D	03-6031	12 / 1/2	smooth
E	03-6023	20 / 3/4	atraumatic
E	03-6033	20 / 3/4	smooth
F	03-6025	30 / 1 1/4	atraumatic
F	03-6035	30 / 1 1/4	smooth



Semi-flexible Clamps

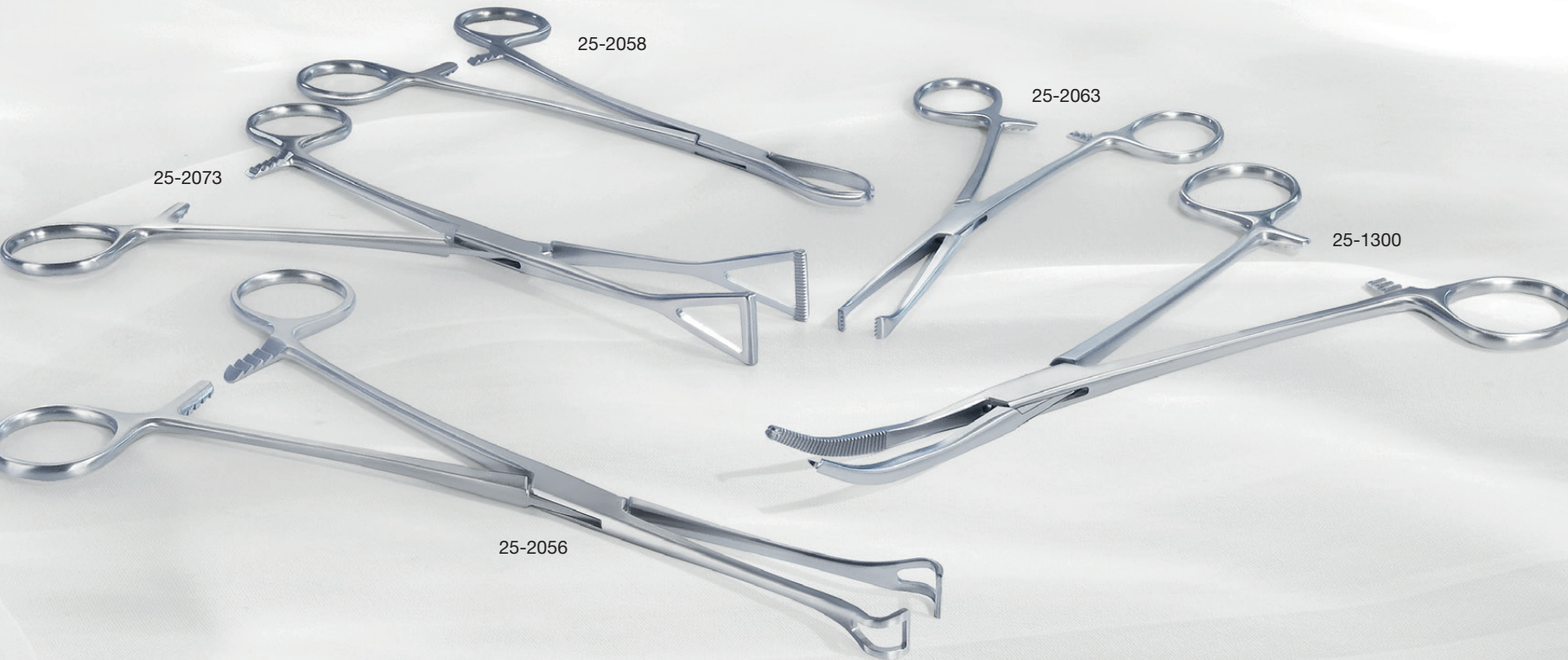
Fig.	Art.-No.	Ø mm
G	03-6041	5
H	03-6043	7
I	03-6045	9

Illustrations not 1:1

* **bold** = shown



Tissue Seizing Forceps



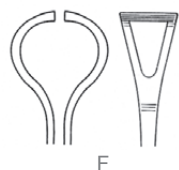


Fig. F

Babcock

Art.-No.	Length mm / "
25-2050	145/5¾
25-2052	160/6¼
25-2054	180/7
25-2056	210/8¼
25-2057	240/9½



Fig. H

Littlewood

Art.-No.	Length mm / "	Jaw
25-2058	190 / 7½	2 x 3 teeth

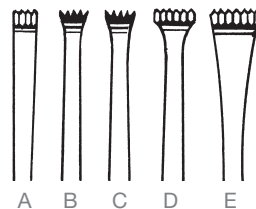


Fig.	Art.-No.	Length mm / "	Jaw	
A	25-2059	155/6	3 x 4 teeth	Judd-Allis
A	25-2060	190/7½	3 x 4 teeth	Judd-Allis
B	25-2061	140/5½	4 x 5 teeth	Baby-Allis
C	25-2062	155/6	4 x 5 teeth	Allis
D	25-2063	155/6	5 x 6 teeth	Allis
D	25-2064	190/7½	5 x 6 teeth	Allis
D	25-2065	230/9	5 x 6 teeth	Allis
E	25-2070	200/8	6 x 7 teeth	Thoms-Allis



Fig. G

Duval

Art.-No.	Length mm / "	Jaws (A)
25-2071	200/8	14 mm
25-2073	200/8	18 mm
25-2075	200/8	28 mm
25-2072	230/9	14 mm
25-2074	230/9	18 mm
25-2076	230/9	28 mm



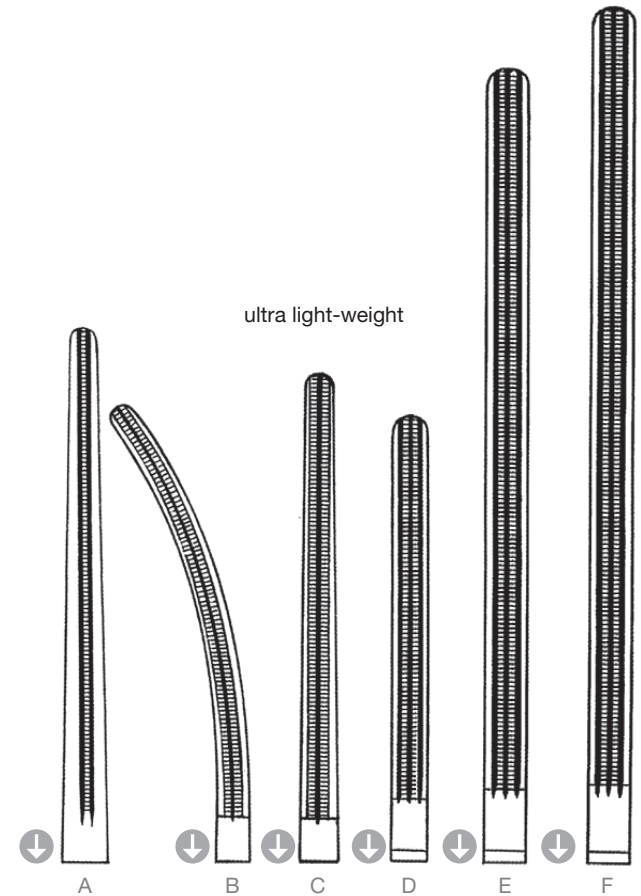
Fig. I

Mikulicz-Baby

Art.-No.	Length mm / "	Jaw
25-1299	140/5½	1 x 2 teeth
25-1300	215/8½	1 x 2 teeth
25-1301	205/8	1 x 2 teeth

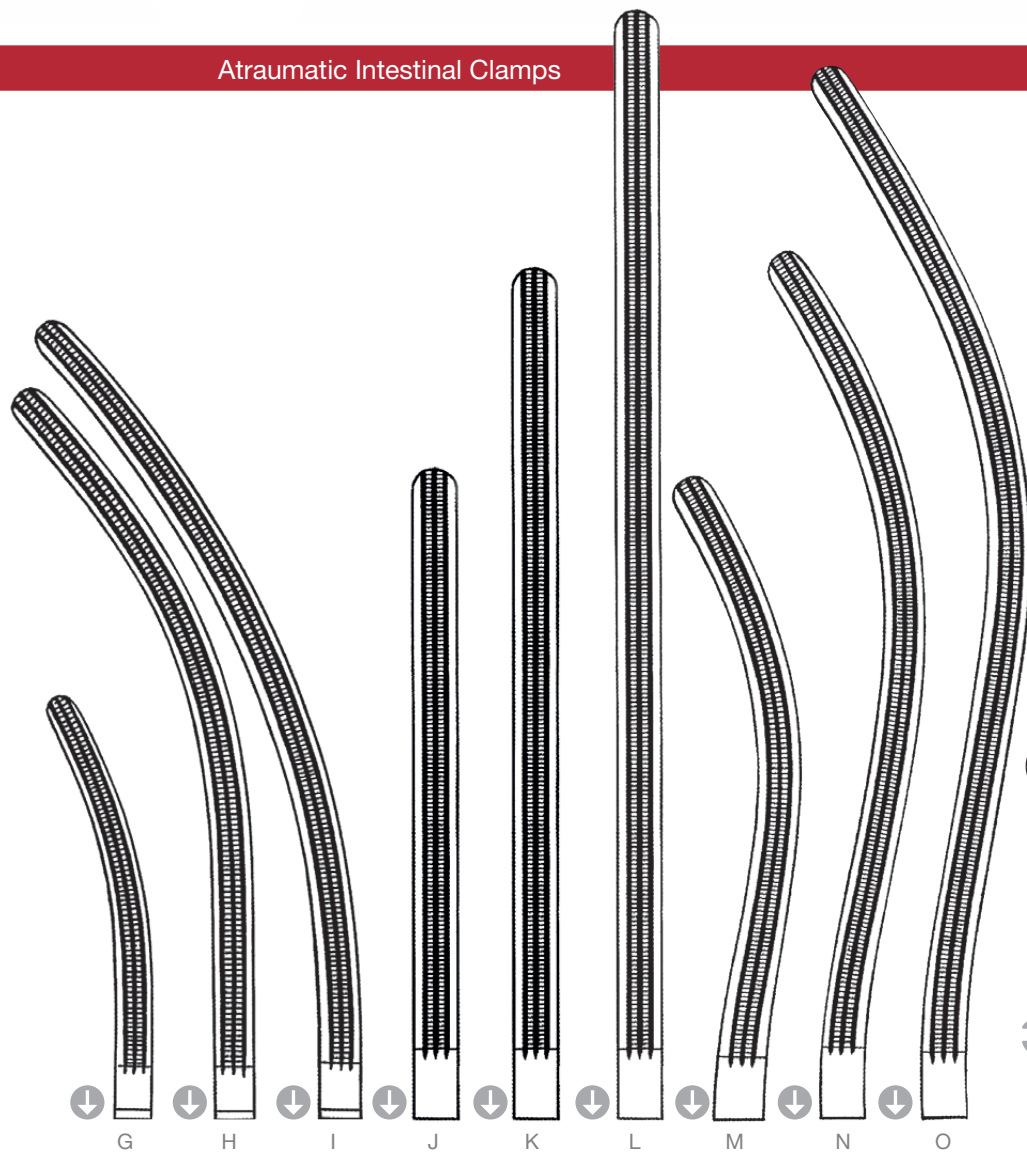


Atraumatic Intestinal Clamps



↓ straight shanks

Illustrations not 1:1



Illustrations not 1:1

↓ straight shanks

↷ ↶ curved shanks

↷ ↶ slightly angled shanks

↷ ↶ angled shanks

↷ ↶ graduated jaws

* **bold** = shown

Doyen

with Dardik Jaws

Fig.	Art.-No.	Length
E	07-0530	24 cm/9½"
H	07-0531	23 cm/9"

Baby-Doyen

with Dardik Jaws

Fig.	Art.-No.	Length
D	07-0520	17.5 cm/7"
G	07-0521	17.5 cm/7"

Mayo-Robson

with Dardik Jaws

Fig.	Art.-No.	Length
F	07-0535	25.0 cm/10"
I	07-0536	24.5 cm/9¾"

Allen

with DeBakey Jaws

Fig.	Art.-No.	Length
A	07-0560	20.5 cm/8"
A	07-0562	23.0 cm/9"

Dardik

with Dardik Jaws

Fig.	Art.-No.	Length
B	07-0526	17.5 cm/7"
C	07-0525	17.5 cm/7"

Kocher

with DeBakey Jaws

Fig.	Art.-No.	Length
J	07-0540	22.0 cm/8¾"
K	07-0541	25.0 cm/10"
L	07-0542	28.0 cm/11"
M	07-0543	22.0 cm/8¾"
N	07-0544	25.0 cm/10"
O	07-0545	27.5 cm/10¾"



Intestinal Clamps

07-0580

07-0585

07-0586

07-0574



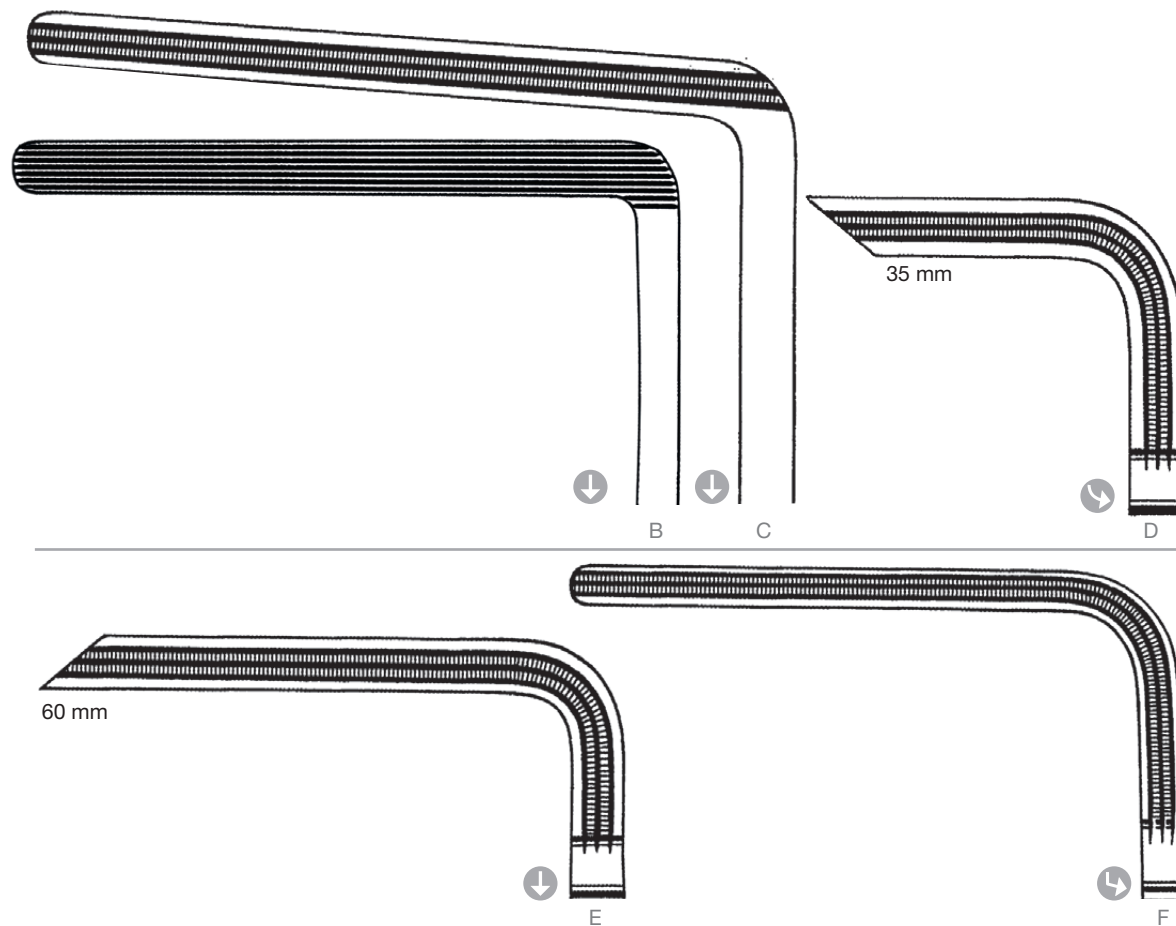
Kersting
with DeBakey Jaws

Fig.	Art.-No.	Length
A	07-0580	31.0 cm / 12¼"

 curved shanks Illustrations not 1:1

Intestinal Clamps

GEISTER®



Fehland

Fig.	Art.-No.	Length
B	07-0574	24.0 cm / 9½"



Resano

with DeBaKey Jaws

Fig.	Art.-No.	Length
C	07-0575	30.0 cm / 11¾"



Foss-Colon

with DeBaKey Jaws

Fig.	Art.-No.	Length
D	07-0586	24.5 cm / 9¾"
E	07-0587	25.0 cm / 10"



Foss

with DeBaKey Jaws

Fig.	Art.-No.	Length
F	07-0585	26.5 cm / 10½"

Illustrations not 1:1

straight shanks

curved shanks

slightly angled shanks

angled shanks

graduated jaws

* bold = shown

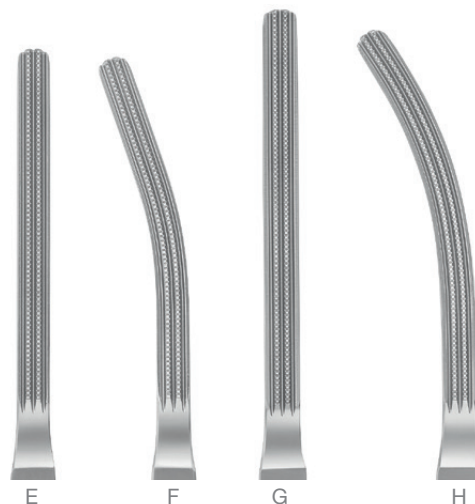
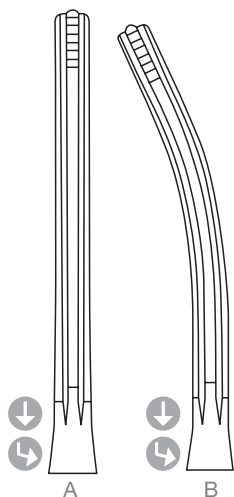


Well-balanced and with a sturdy, atraumatic longitudinal groove (Z-type serration) that guarantees a secure grip of tissue and prevents slippage. Available in four lengths and jaw configurations with straight or angled shanks.

Hysterectomy Forceps

with Z-type Serrations

Fig.	Art.-No.	Length	
A	08-0500	21.0 cm / 8¼"	straight shanks
A	08-0510	24.0 cm / 9½"	straight shanks
A	08-0515	24.0 cm / 9½"	angled shanks
A	08-0530	30.5 cm / 12"	straight shanks
A	08-0535	30.5 cm / 12"	angled shanks
A	08-0540	35.5 cm / 14"	straight shanks
B	08-0501	21.0 cm / 8¼"	straight shanks
B	08-0511	24.0 cm / 9½"	straight shanks
B	08-0516	24.0 cm / 9½"	angled shanks
B	08-0531	30.5 cm / 12"	straight shanks
B	08-0536	30.5 cm / 12"	angled shanks
B	08-0541	35.5 cm / 14"	straight shanks
C	08-0502	21.0 cm / 8¼"	straight shanks
C	08-0512	24.0 cm / 9½"	straight shanks
C	08-0517	24.0 cm / 9½"	angled shanks
C	08-0532	30.5 cm / 12"	straight shanks
C	08-0537	30.5 cm / 12"	angled shanks
C	08-0542	35.5 cm / 14"	straight shanks
D	08-0503	21.0 cm / 8¼"	straight shanks
D	08-0513	24.0 cm / 9½"	straight shanks
D	08-0518	24.0 cm / 9½"	angled shanks
D	08-0533	30.5 cm / 12"	straight shanks
D	08-0538	30.5 cm / 12"	angled shanks
D	08-0543	35.5 cm / 14"	straight shanks

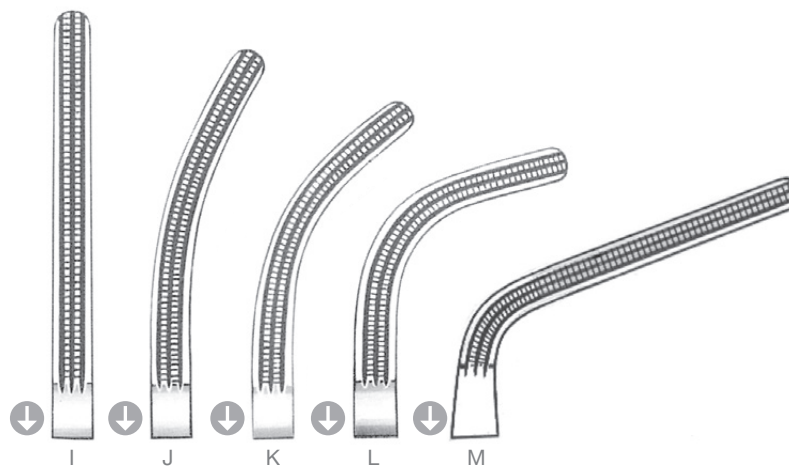
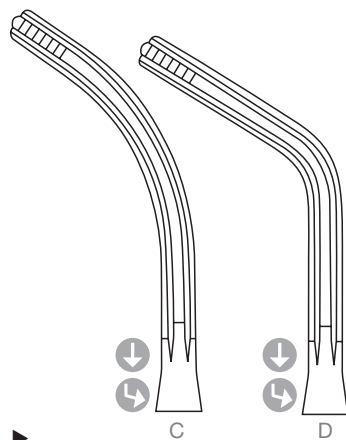


Masterson-type



Hysterectomy Forceps,
with DeBaKey Jaws

Fig.	Art.-No.	Length
E	08-0270	21.0 cm/8¼"
F	08-0271	21.0 cm/8¼"
G	08-0280	27.0 cm/10½"
H	08-0281	27.0 cm/10½"



Parametrium



with DeBaKey Jaws

Fig.	Art.-No.	Length mm / "
I	08-0170	22.0 cm/8¾"
I	08-0175	25.0 cm/10"
J	08-0171	22.0 cm/8¾"
J	08-0176	25.0 cm/10"
K	08-0172	21.5 cm/8½"
K	08-0177	24.0 cm/9½"
L	08-0173	21.0 cm/8¼"
L	08-0178	23.5 cm/9¼"
M	08-0174	19.5 cm/7¾"
M	08-0179	22.0 cm/8¾"

Illustrations not 1:1

↓ straight shanks

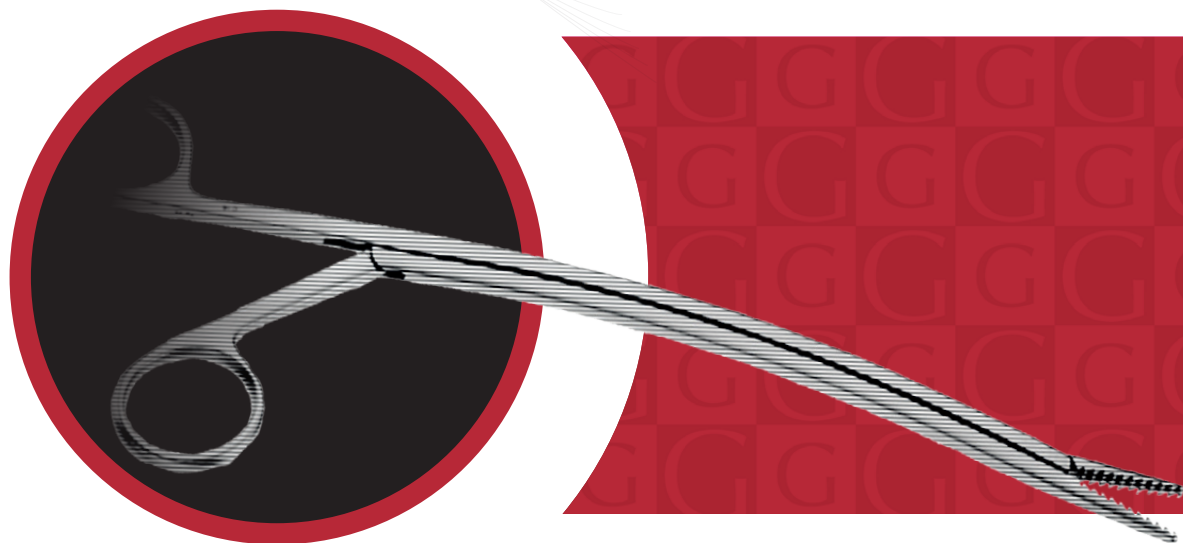
↙ ↘ curved shanks

↙ ↘ slightly angled shanks

↙ ↘ angled shanks

▨ graduated jaws

* **bold** = shown

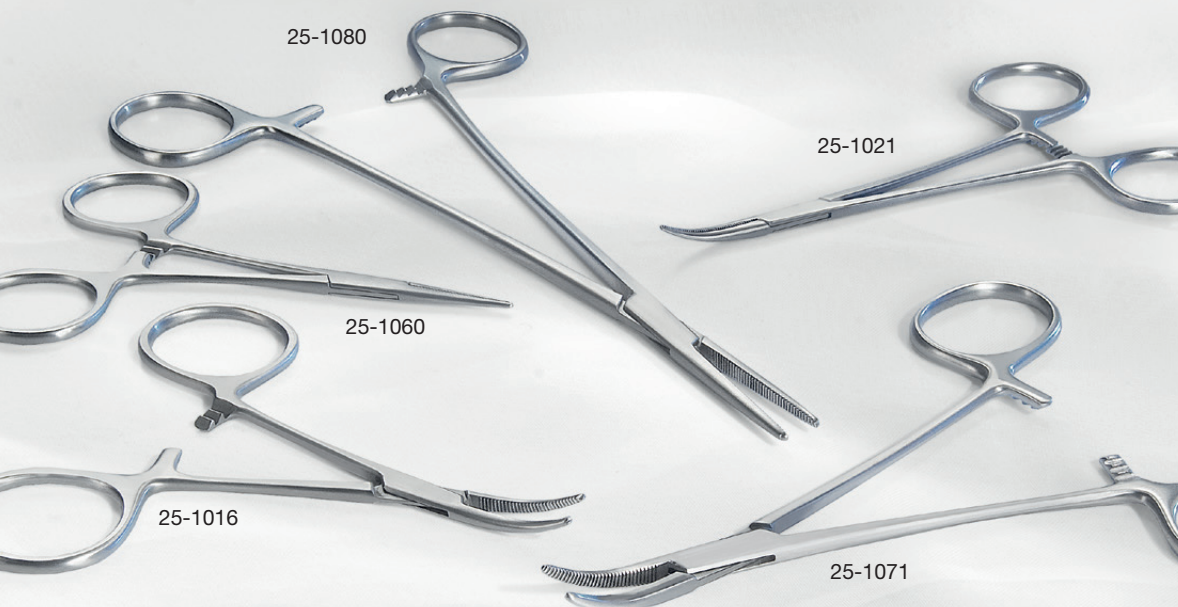


Hemostatic Forceps | Dissecting Forceps
Sponge Forceps | Towel Clamps
Tube and Suture Holding Clamps
Tube Milkers and Cutters





Fine Hemostatic Forceps



1 x 2 teeth

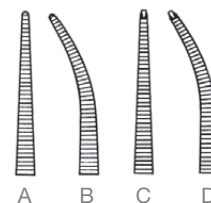
**Micro-Mosquito**

Fig.	Art.-No.	Length mm / "
A	25-1010	100/4
B	25-1011	100/4
C	25-1015	100/4
D	25-1016	100/4

**Baby-Mosquito**

Fig.	Art.-No.	Length mm / "
E	25-1060	100/4
F	25-1061	100/4

Titanium

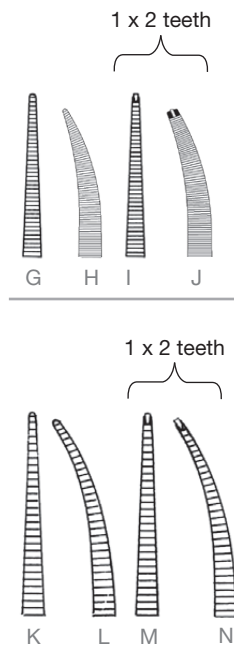
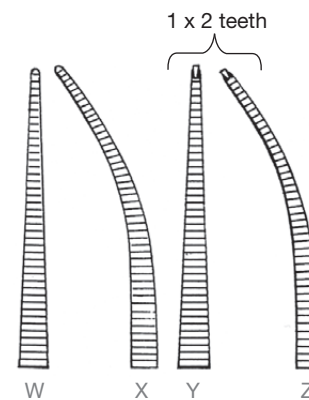
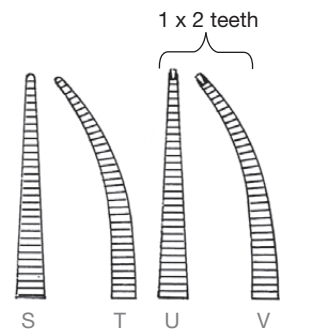
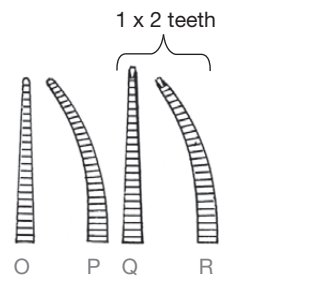
Fig.	Art.-No.	Length mm / "
E	25-1060.TI	100/4
F	25-1061.TI	100/4



Illustrations not 1:1

Fine Hemostatic Forceps

GEISTER®



Mikro-Halstead

Fig.	Art.-No.	Length mm / "
G	25-1020	125/5
H	25-1021	125/5
I	25-1025	125/5
J	25-1026	125/5
K	25-1030	140/5½
L	25-1031	140/5½
M	25-1035	140/5½
N	25-1036	140/5½

Titanium

Fig.	Art.-No.	Length mm / "
H	25-1021.Ti	125/5
J	25-1026.Ti	125/5



Halstead-Mosquito

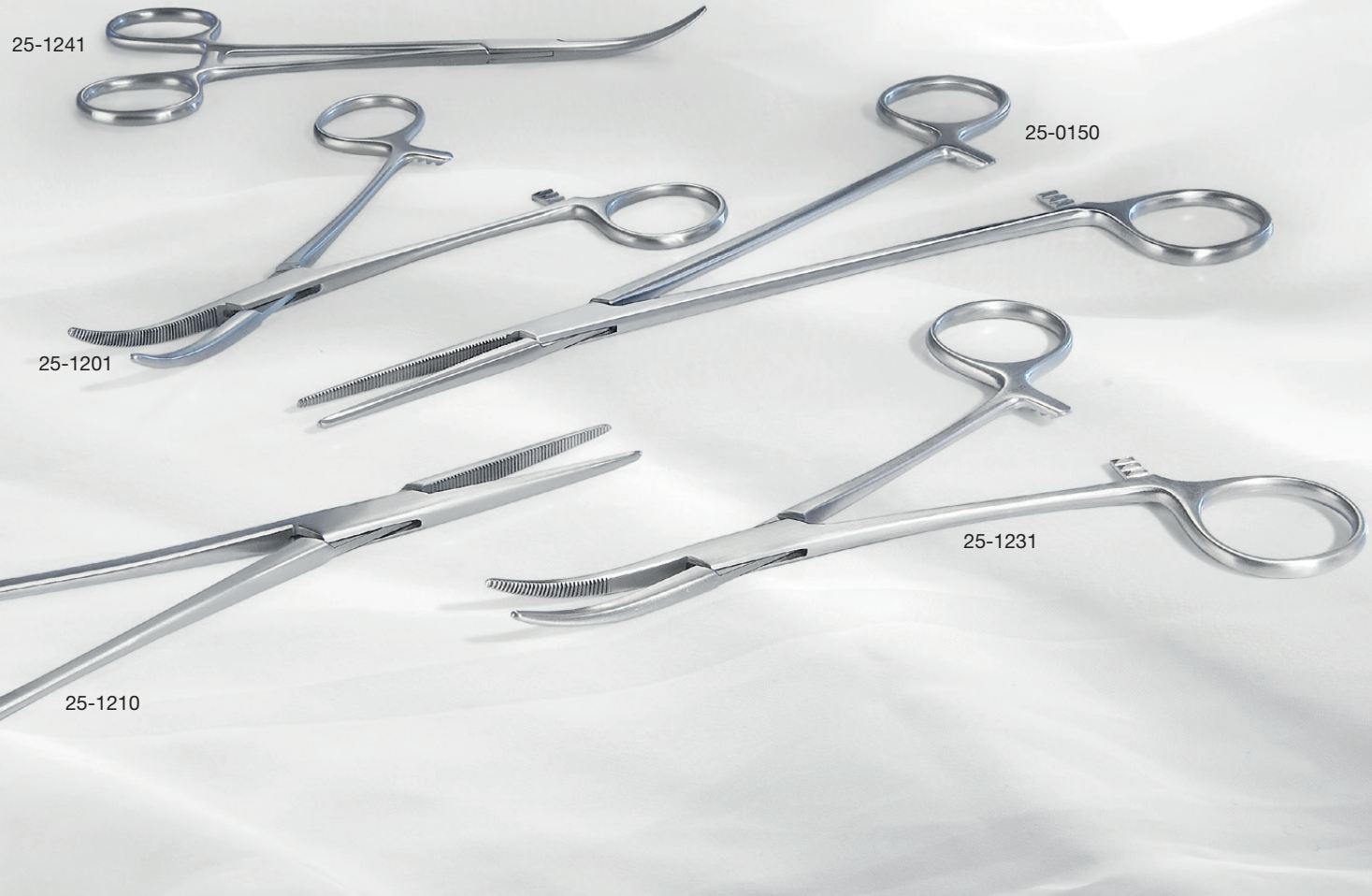
Fig.	Art.-No.	Length mm / "
O	25-1070	125/5
P	25-1071	125/5
Q	25-1075	125/5
R	25-1076	125/5
S	25-1080	180/7
T	25-1081	180/7
U	25-1085	180/7
V	25-1086	180/7
W	25-1090	200/8
X	25-1091	200/8
Y	25-1092	200/8
Z	25-1093	200/8

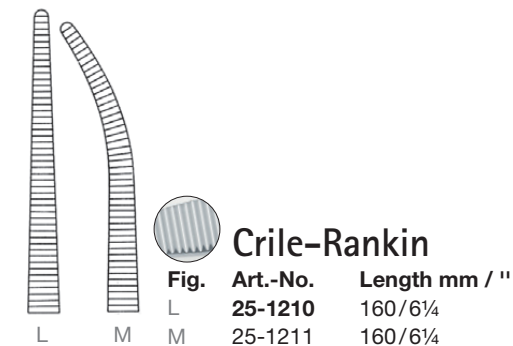
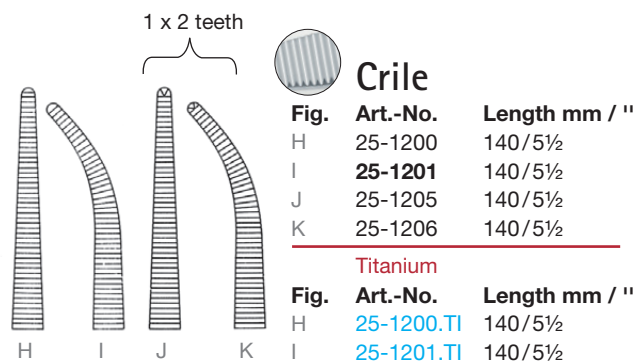
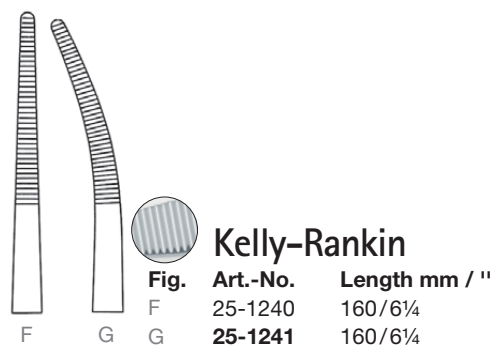
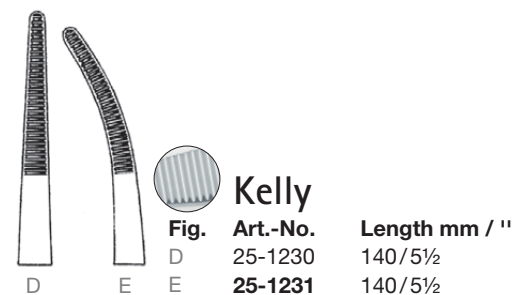
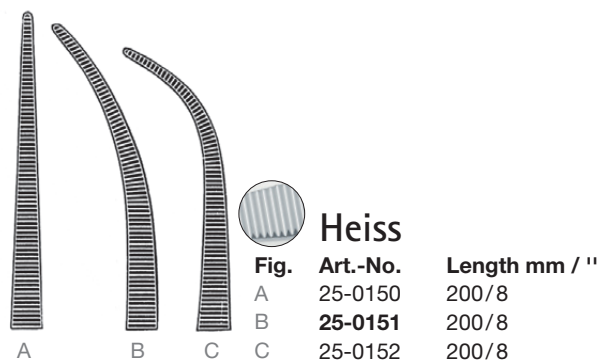
Titanium

Fig.	Art.-No.	Length mm / "
O	25-1070.Ti	125/5
P	25-1071.Ti	125/5
Q	25-1075.Ti	125/5
R	25-1076.Ti	125/5



Fine Hemostatic Forceps







Fine Hemostatic Forceps



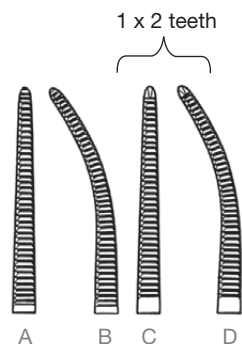
**Leriche**

Fig.	Art.-No.	Length mm / "
A	25-1040	150/6
B	25-1041	150/6
C	25-1045	150/6
D	25-1046	150/6

Titanium

Fig.	Art.-No.	Length mm / "
A	25-1040.TI	150/6
B	25-1041.TI	150/6

**Adson**

Fig.	Art.-No.	Length mm / "
E	25-1270	190/7½
F	25-1271	190/7½

**Providence-Hospital**

Fig.	Art.-No.	Length mm / "
G	25-1250	140/5½
H	25-1251	140/5½

1 x 2 teeth

**Kocher**

Fig.	Art.-No.	Length mm / "
I	25-1110	145/5¾
J	25-1111	145/5¾

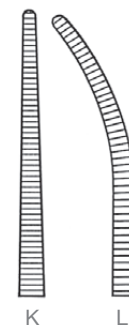
**Pean**

Fig.	Art.-No.	Length mm / "
K	25-1100	145/5¾
L	25-1101	145/5¾



Hemostatic Forceps



25-1143



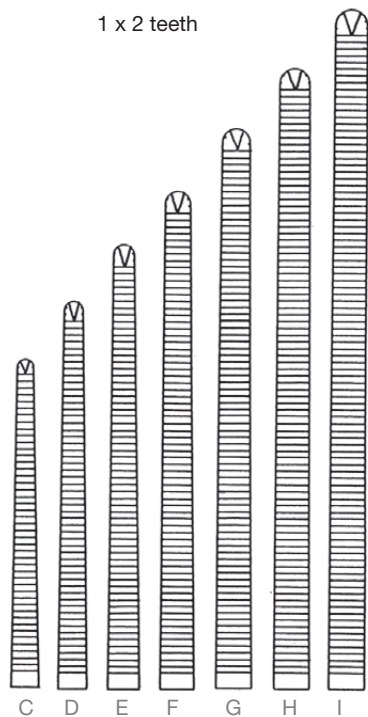
25-1150

25-1151

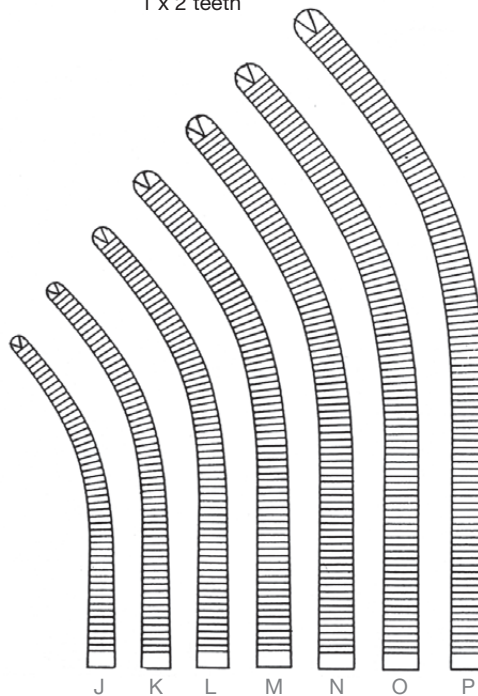
Hemostatic Forceps

GEISTER®

1 x 2 teeth



1 x 2 teeth



1 x 2 teeth



Kocher

Fig.	Art.-No.	Length mm / "
A	25-1140	140/5½
B	25-1150	140/5½

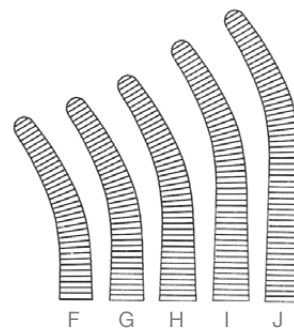
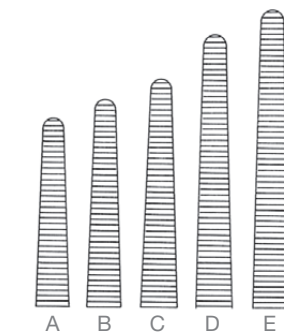
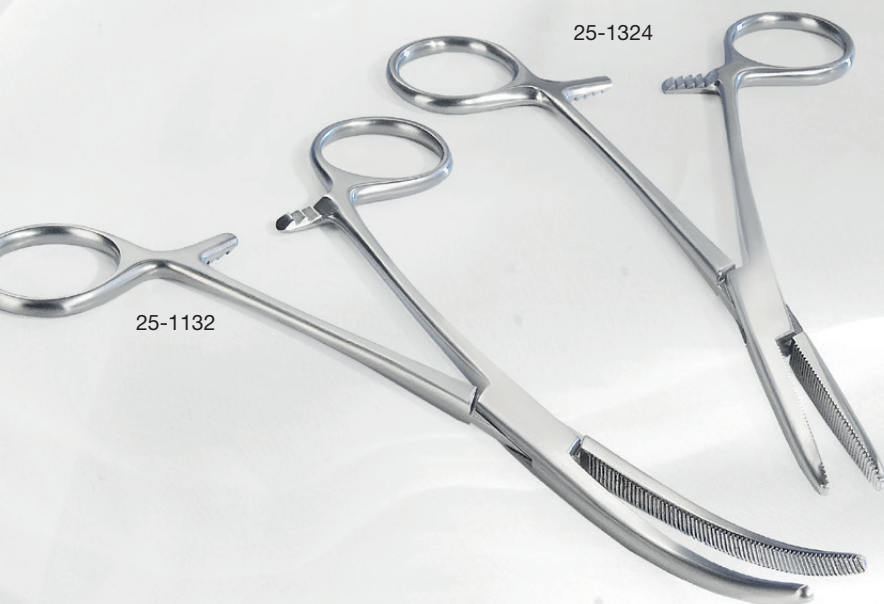


Ochsner

Fig.	Art.-No.	Length mm / "
C	25-1141	160/6¼
D	25-1142	180/7
E	25-1143	200/8
F	25-1144	220/8¾
G	25-1145	240/9½
H	25-1146	260/10¼
I	25-1147	300/11¾
J	25-1151	160/6¼
K	25-1152	180/7
L	25-1153	200/8
M	25-1154	220/8¾
N	25-1155	240/9½
O	25-1156	260/10¼
P	25-1157	300/11¾



Hemostatic Forceps

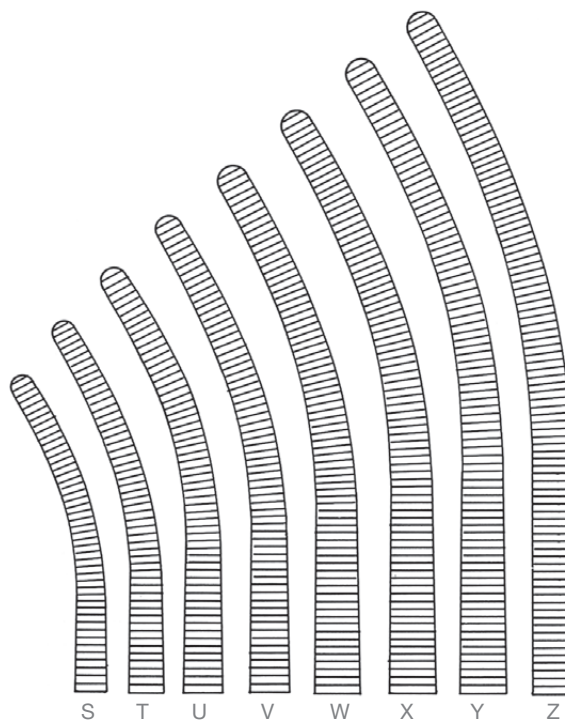
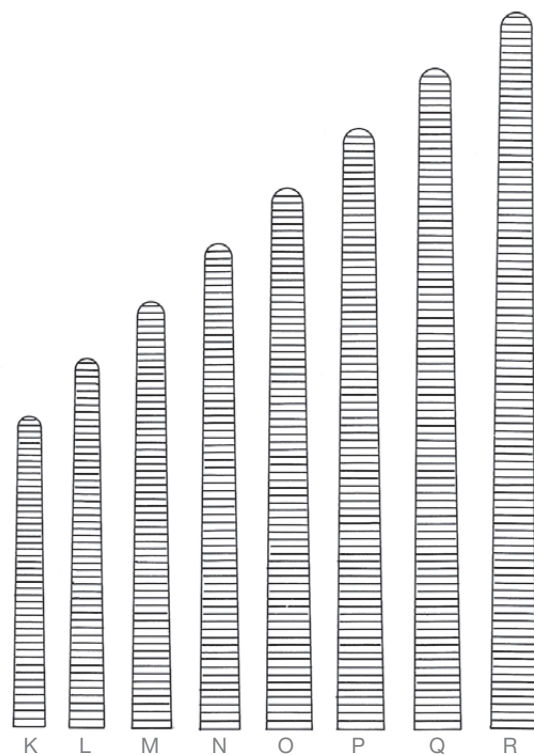


Spencer-Wells (Jones)

Fig.	Art.-No.	Length mm / "
A	25-1320	130/5
B	25-1321	140/5½
C	25-1322	150/6
D	25-1324	180/7
E	25-1323	200/8
F	25-1325	130/5
G	25-1326	140/5½
H	25-1327	150/6
I	25-1329	180/7
J	25-1328	200/8

* **bold** = shown

Illustrations not 1:1

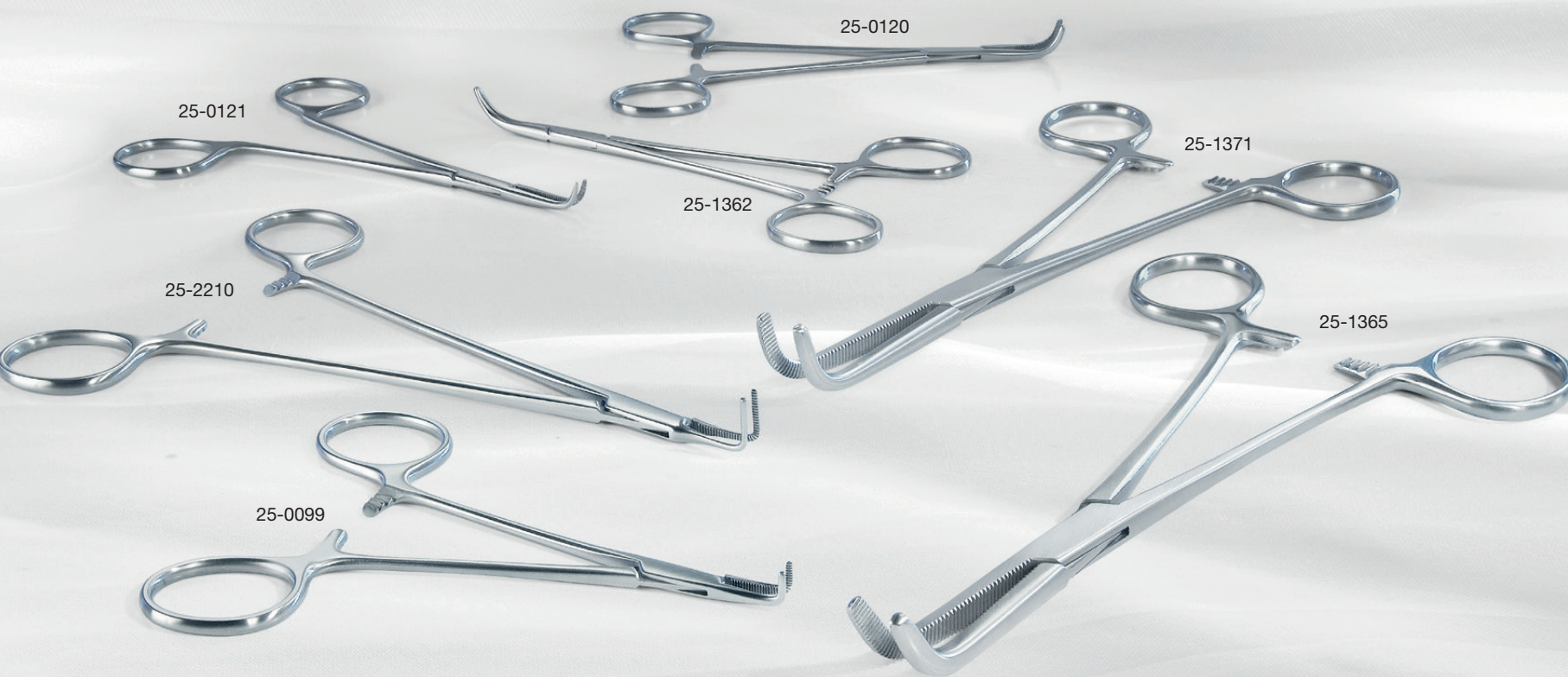


Rochester-Pean

Fig.	Art.-No.	Length mm / "
K	25-1120	140/5½
L	25-1121	160/6¼
M	25-1122	180/7
N	25-1123	200/8
O	25-1124	220/8¾
P	25-1125	240/9½
Q	25-1126	260/10¼
R	25-1127	300/11¾
S	25-1130	140/5½
T	25-1131	160/6¼
U	25-1132	180/7
V	25-1133	200/8
W	25-1134	220/8¾
X	25-1135	240/9½
Y	25-1136	260/10¼
Z	25-1137	300/11¾



Hemostatic and Dissecting Forceps



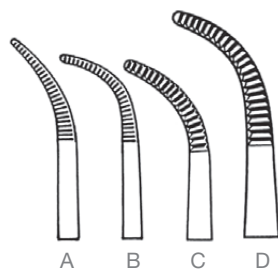
**Baby-Mixer**

Fig.	Art.-No.	Length mm / "
A	25-1360	140/5½
B	25-1361	140/5½
C	25-1362	140/5½
D	25-1363	180/7

**Mixer-O'Shaugnessy**

Fig.	Art.-No.	Length mm / "
E	25-1365	190/7½

**Ochsner**

Fig.	Art.-No.	Length mm / "
L	25-0099	120/4¾"

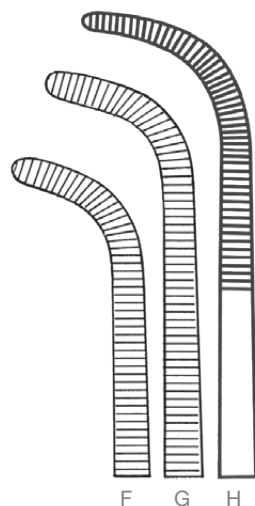
**Mixer**

Fig.	Art.-No.	Length mm / "
F	25-1370	160/6¼
G	25-1371	195/7¾
H	25-1372	215/8½

**Bailey**

Fig.	Art.-No.	Length mm / "
I	25-2210	180/7
	25-2210.24	240/9½
J	25-2211	180/7
K	25-2212	180/7

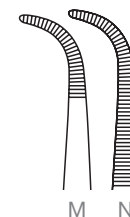
**Premie**

Fig.	Art.-No.	Length mm / "
M	25-0120	140/5½
N	25-0121	140/5½



Hemostatic Forceps



25-0126

25-1290

25-0201

25-1331

25-0102

25-1340

Hemostatic Forceps

GEISTER®



Roberts

Fig.	Art.-No.	Length mm / "
A	25-1330	220/8¾
B	25-1331	220/8¾



Schnidt

Fig.	Art.-No.	Length mm / "
C	25-1340	190/7½



Mixer

Fig.	Art.-No.	Length mm / "
D	25-0126	230/9



Gemini

Fig.	Art.-No.	Length mm / "
E	25-0100	140/5½
F	25-0101	160/6¼
G	25-0102	180/7
H	25-0103	200/8
I	25-0104	230/9
J	25-0105	250/10
K	25-0106	280/11



Bengolea

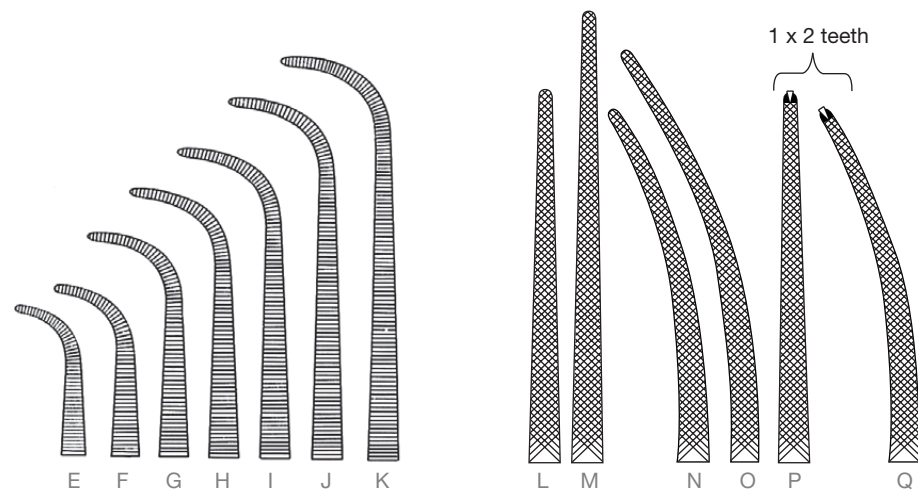
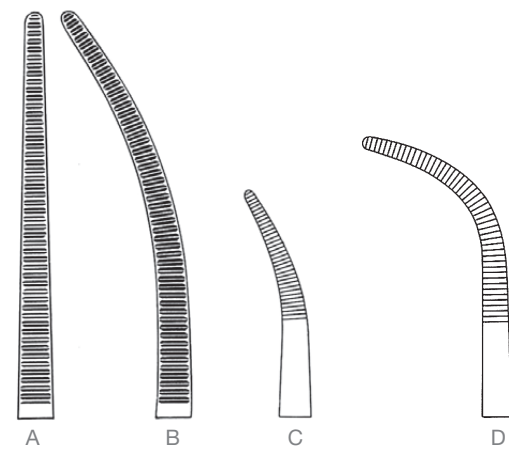
Fig.	Art.-No.	Length mm / "
L	25-0200	240/9½
M	25-0205	260/10¼
N	25-0201	240/9½
O	25-0206	260/10¼
P	25-0202	240/9½
Q	25-0204	240/9½



Zenker

Fig.	Art.-No.	Length mm / "
R	25-1291	290/11½
S	25-1290	300/11¾

* bold = shown



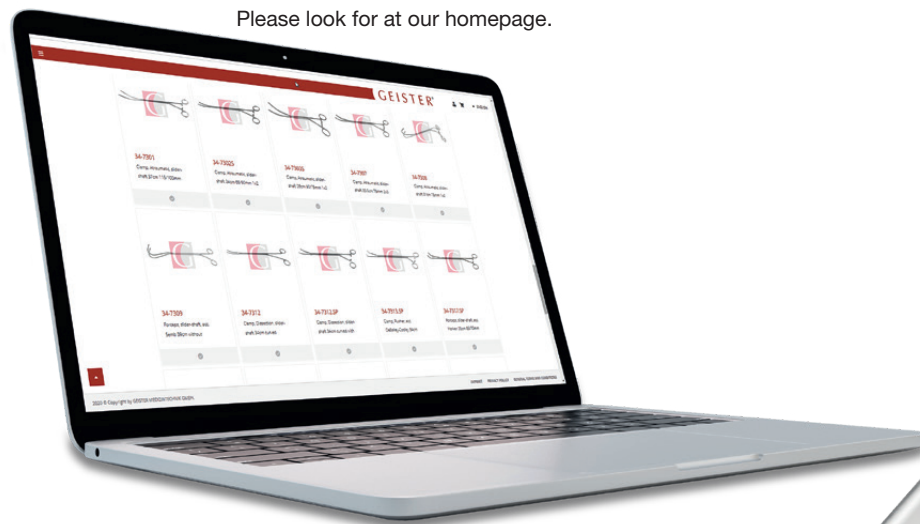
Illustrations not 1:1



GEISTER® continues to lead the evolution to video-assisted thoracic surgery (VATS) with this new generation of thoracoscopic surgery instruments, made from forgings featuring a rounder contour shape and softer touch compared to most traditional sliding shaft instruments and providing a handle feeling that is more comparable to box-lock type clamps with the associated tactile feedback, while providing deep access through ports or small thoracic incisions.

Excellent ergonomics with large handle rings, superb craftsmanship, secured pins and wider gaps for cleanability provide for long lasting functionality and performance.

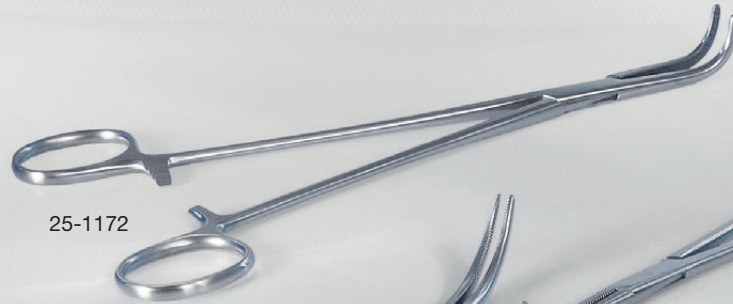
Please look for at our homepage.



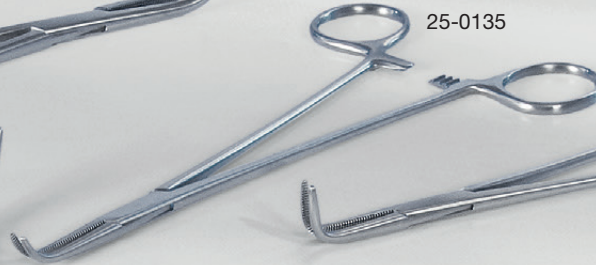
Soft-Touch
less invasive
Elastic
tactile behaviour
Fitted for success
balanced
Durable

Dissecting Forceps

GEISTER®



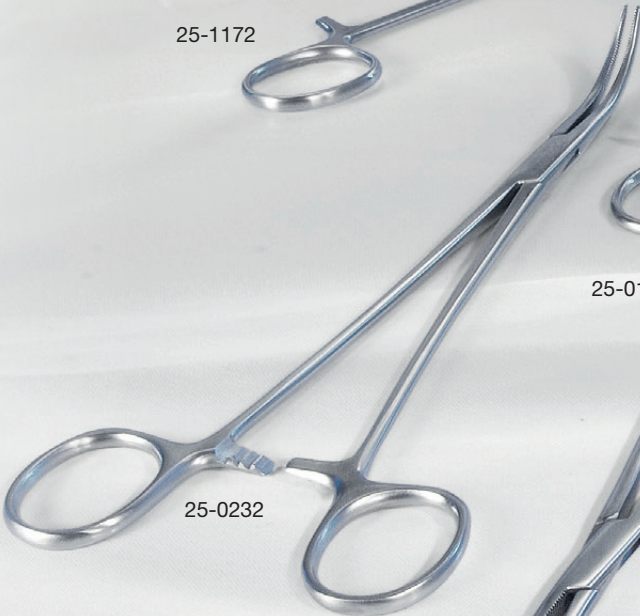
25-1172



25-0135



25-0140



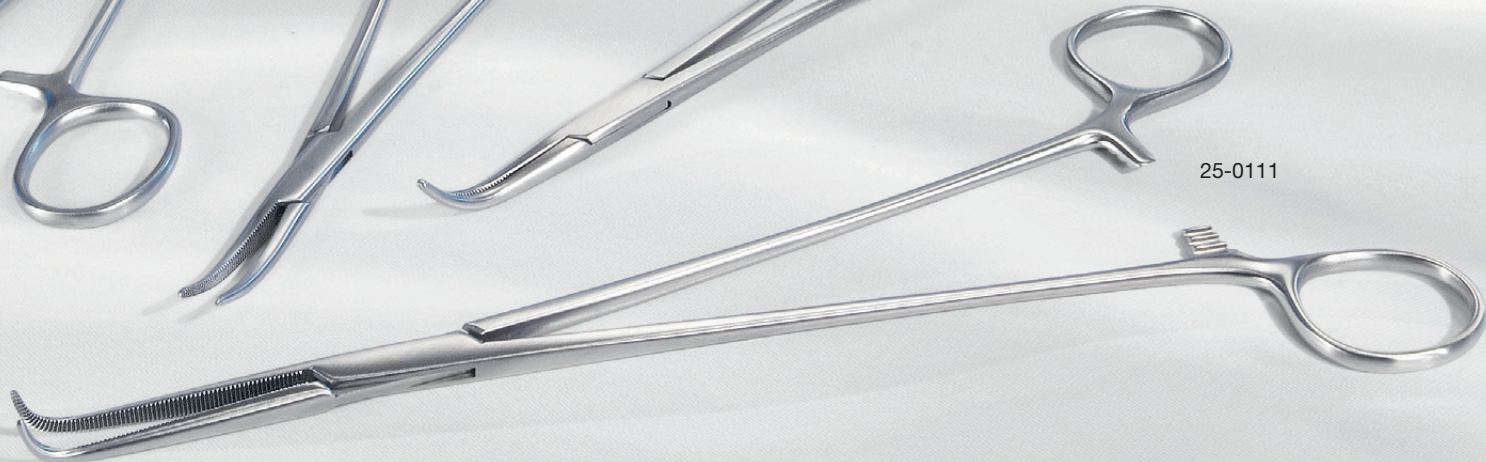
25-0232



25-0129



25-0220

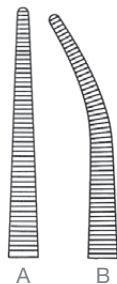


25-0111



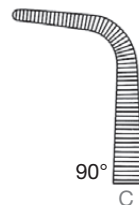
Bridge

Fig.	Art.-No.	Length mm / "
A	25-0128	180/7
A	25-0130	280/11
B	25-0129	180/7
B	25-0131	280/11



Meeker

Fig.	Art.-No.	Length mm / "
C	25-0140	180/7
C	25-0141	280/11



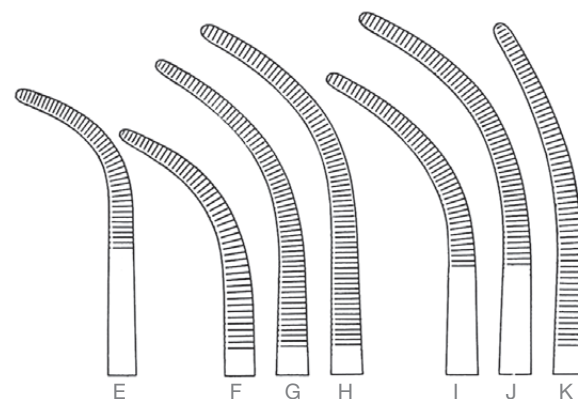
Lawrence

Fig.	Art.-No.	Length mm / "
D	25-0135	190/7½
D	25-0136	280/11



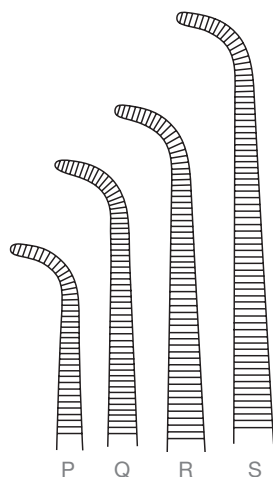
Overholt-Geissendoerfer

Fig.	Art.-No.	Length mm / "
E	25-0230	195/7¾
E	25-0240	260/10¼
F	25-0231	210/8¼
F	25-0241	270/10½
G	25-0232	220/8¾
G	25-0242	275/10¾
H	25-0233	225/8¾
H	25-0243	275/10¾
I	25-0234	215/8½
I	25-0244	275/10¾
J	25-0235	225/8¾
J	25-0245	280/11
K	25-0236	225/8¾
K	25-0246	275/10¾



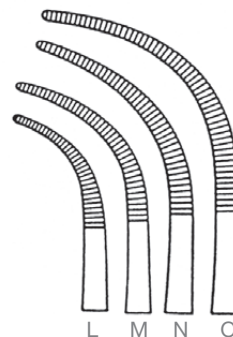
* bold = shown

Illustrations not 1:1



Meigs-Navratil

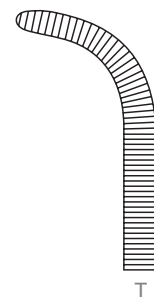
Fig.	Art.-No.	Length mm / "
P	25-0110	180/7
Q	25-0111	220/8¾
R	25-0112	250/10
S	25-0113	280/11



Overholt-Geissendoerfer

S-curved

Fig.	Art.-No.	Length mm / "
L	25-0220	185/7¼
M	25-0221	205/8
N	25-0222	210/8¼
O	25-0223	215/8½

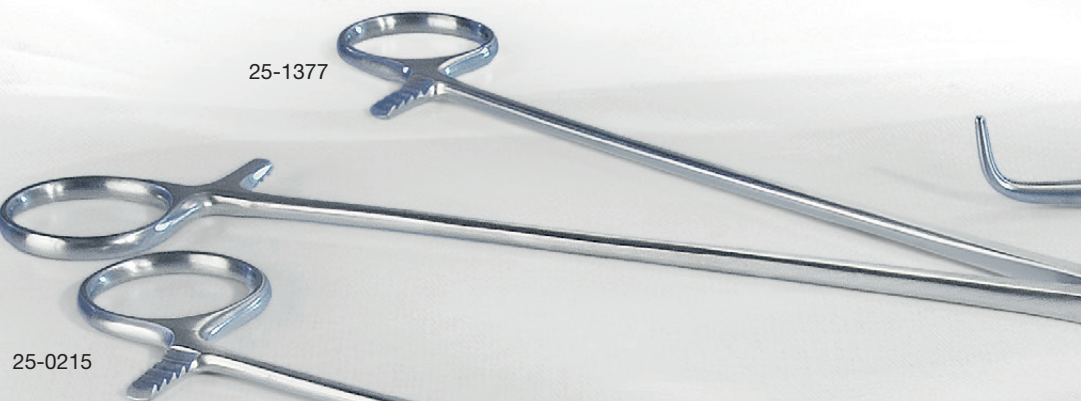


O'Shaughnessy

Fig.	Art.-No.	Length mm / "
T	25-1172	200/8
T	25-1174	230/9
T	25-1176	250/10
T	25-1178	280/11



25-1377



25-0215



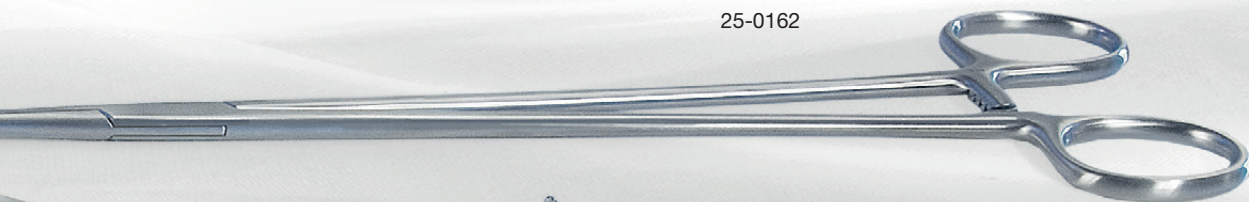
25-0227



Dissecting Forceps

GEISTER®

25-0162



25-0262



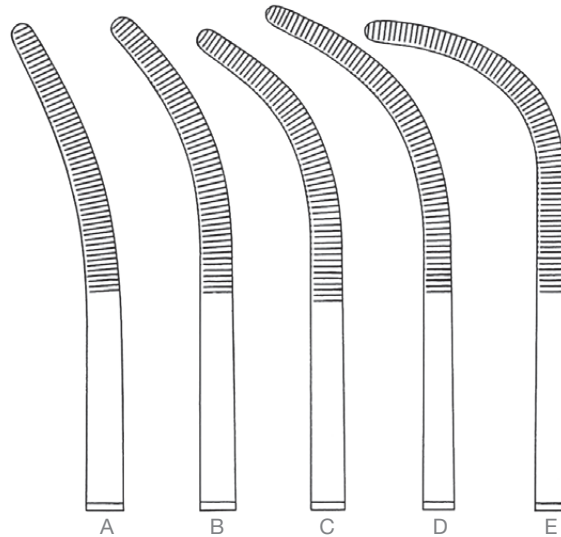


Dissecting Forceps



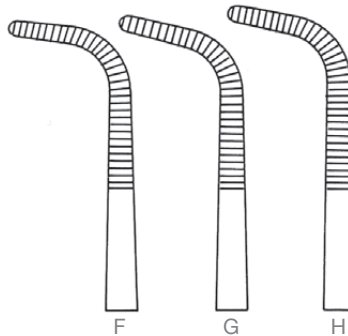
Rumel

Fig.	Art.-No.	Length mm / "
A	25-0211	240/9½
B	25-0212	240/9½
C	25-0213	240/9½
D	25-0214	240/9½
E	25-0215	240/9½



Kantrowitz

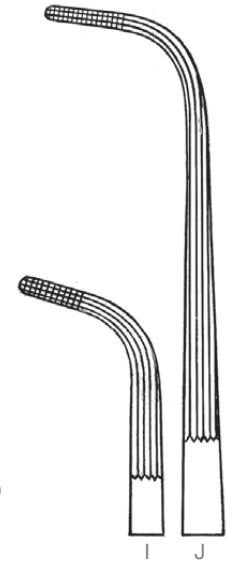
Fig.	Art.-No.	Length mm / "
F	25-0160	190/7½
G	25-0162	240/9½
H	25-0164	270/10½



DeBakey-Original

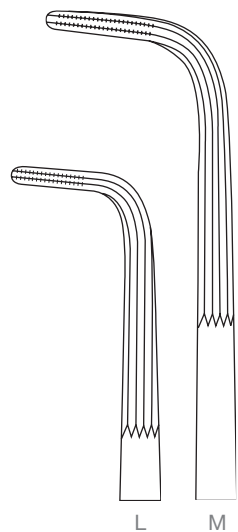
with special Jaws

Fig.	Art.-No.	Length mm / "
I	25-0262	190/7½
J	25-0260	250/10



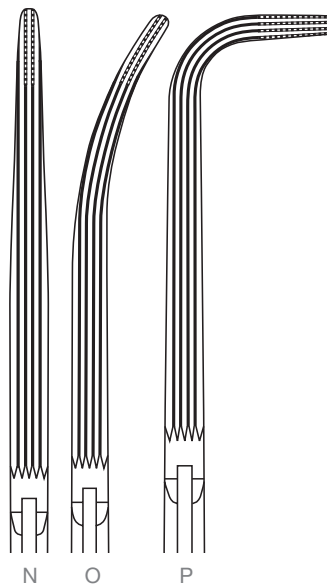
* bold = shown

Illustrations not 1:1



Mixer

Fig.	Art.-No.	Length mm / "
L	25-1375	215/8½
L	25-1376	255/10
M	25-1377	280/11
M	25-1378	320/12½



DeBakey-Cooley

with special Jaws

Fig.	Art.-No.	Length mm / "	
N	25-0325	335/13¼	straight jaws
O	25-0300	190/7½	curved jaws
O	25-0301	230/9	curved jaws
O	25-0302	250/10	curved jaws
O	25-0303	280/11	curved jaws
O	25-0304	305/12	curved jaws
O	25-0305	335/13¼	curved jaws
P	25-0310	190/7½	right angled jaws
P	25-0311	230/9	right angled jaws
P	25-0312	250/10	right angled jaws
P	25-0313	280/11	right angled jaws
P	25-0314	305/12	right angled jaws
P	25-0315	335/13¼	right angled jaws



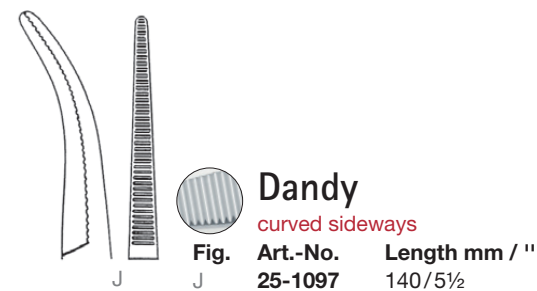
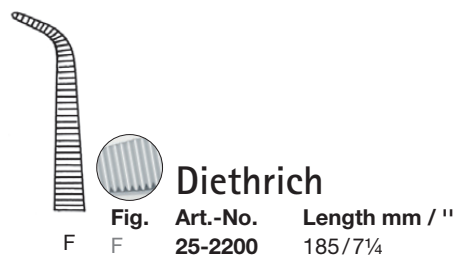
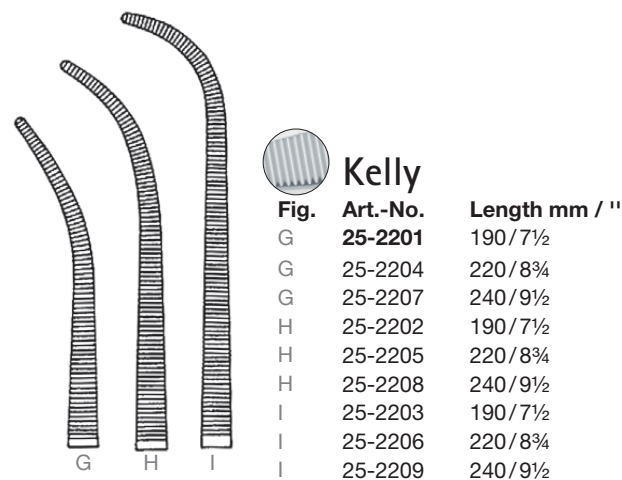
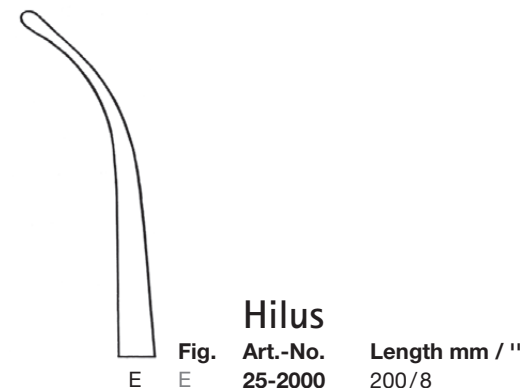
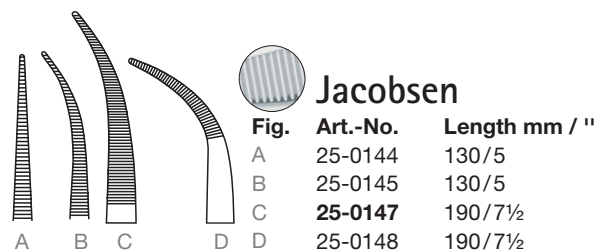
Neukam

Fig.	Art.-No.	Length mm / "
K	25-0227	220/8¾
K	25-0228	280/11



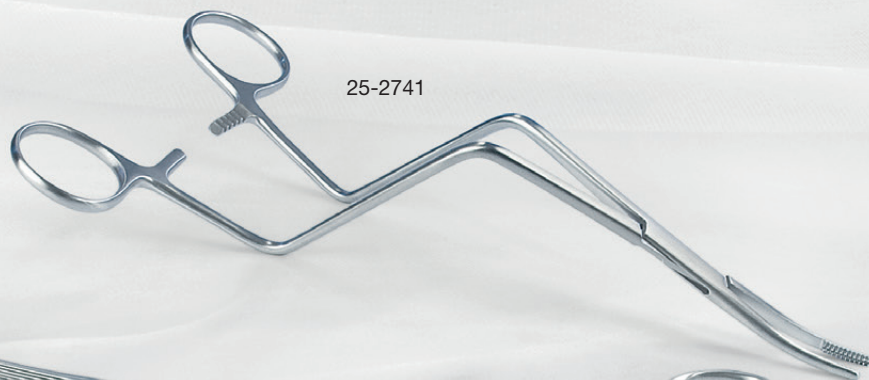
Dissecting Forceps







Fine Hemostatic Forceps



25-2741



25-2691



25-0171



25-2122

Semb

Bronchus Clamps and Ligature Carriers

Fig.	Art.-No.	Length mm / "
B	25-2120	250 / 10
C	25-2122	250 / 10

Crafoord-Sellors

Fig.	Art.-No.	Length mm / "
D	25-2690	240 / 9½
E	25-2691	240 / 9½
F	25-2692	240 / 9½



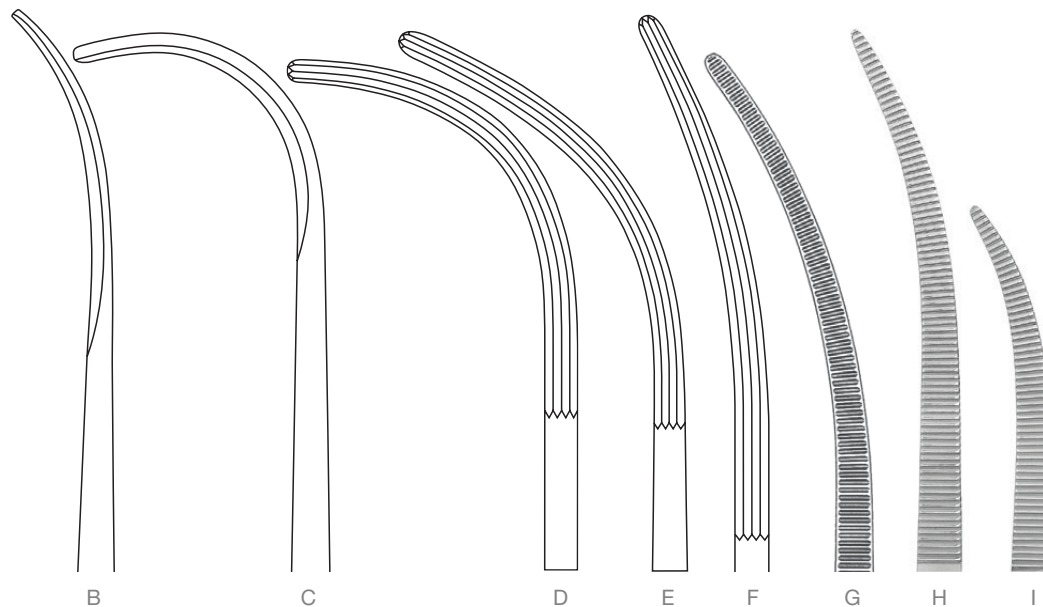
Sarot (Crafoord)

Fig.	Art.-No.	Length mm / "
G	25-0171	240 / 9½



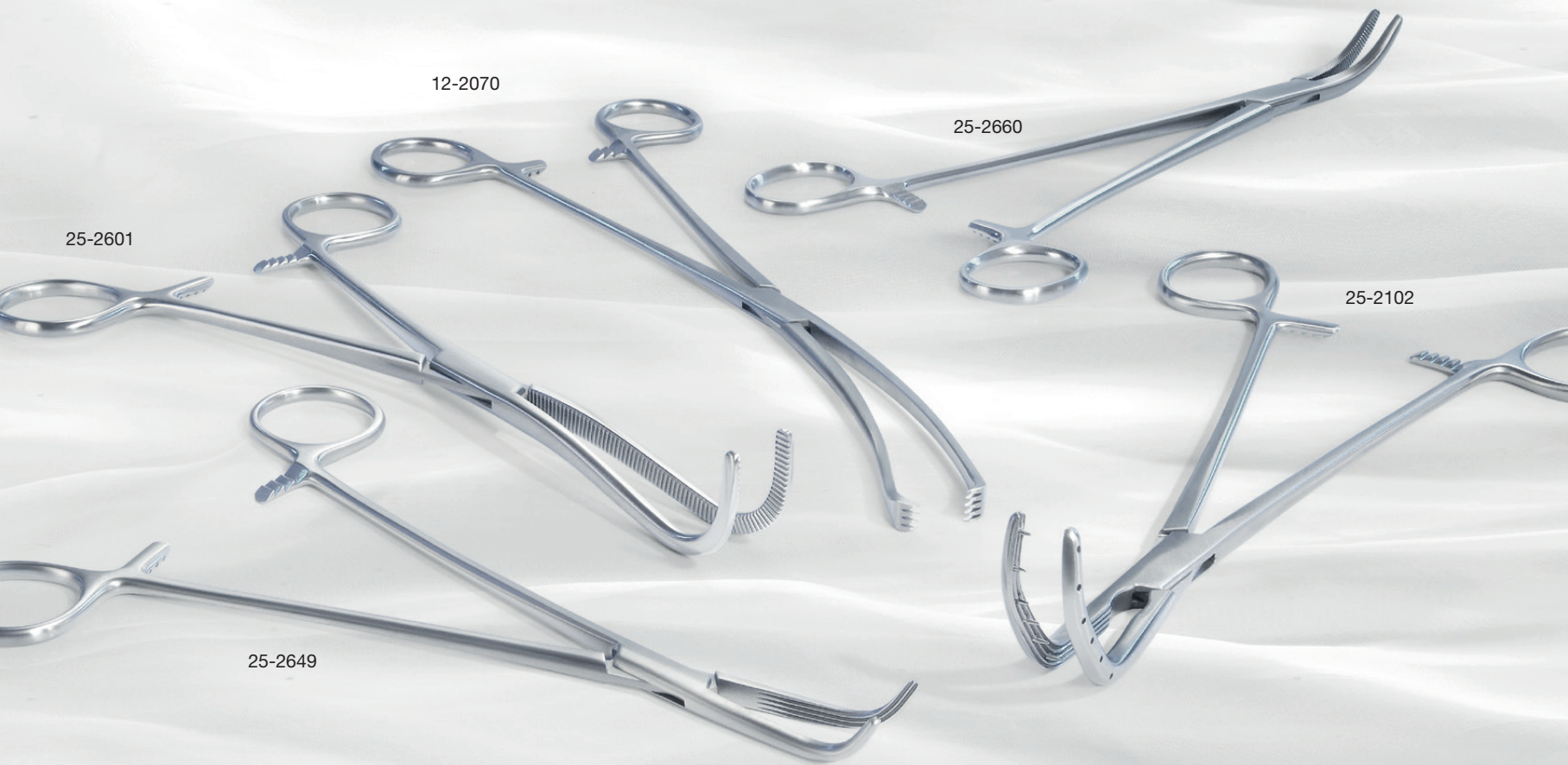
Crafoord (Fine)

Fig.	Art.-No.	Length mm / "
H	25-0172	240 / 9½
I	25-0173	180 / 7





Bronchus Clamps, Grasping Forceps, Gall Duct, Prostatectomy and Kidney Clamps



McDougal

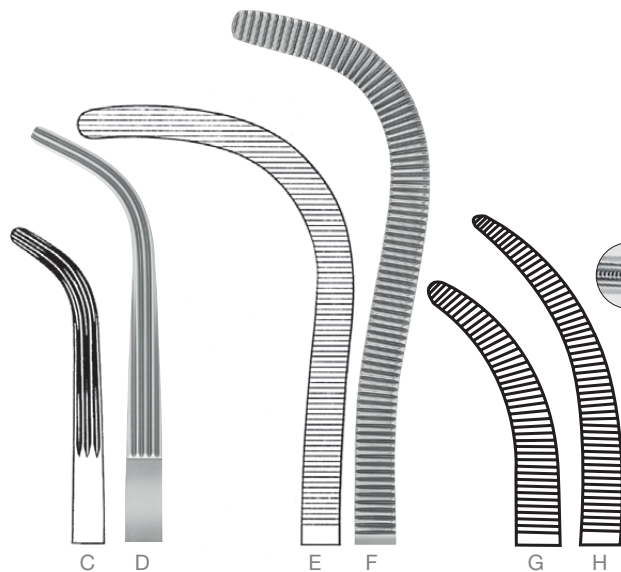
Prostatectomy Clamps

Fig.	Art.-No.	Length mm / "	
A	25-2700	265/10½	left
B	25-2702	265/10½	right

**Teale**

Grasping Forceps

Art.-No.	Length mm / "
12-2070	260/10¼



Illustrations not 1:1

Price-Thomas

Bronchus Clamps

Art.-No.	Length mm / "	
25-2100	220/8¾	without teeth
25-2101	220/8¾	teeth left
25-2102	220/8¾	teeth right

Lahey

Fig.	Art.-No.	Length mm / "
C	25-2649	190/7½
D	25-2650	225/8¾

**Guyon**

Fig.	Art.-No.	Length mm / "
E	25-2600	230/9
F	25-2601	240/9½

**Guyon**

with DeBakey Jaws

Fig.	Art.-No.	Length mm / "
E	07-0902	230/9
F	07-0900	240/9½

**Moynihan**

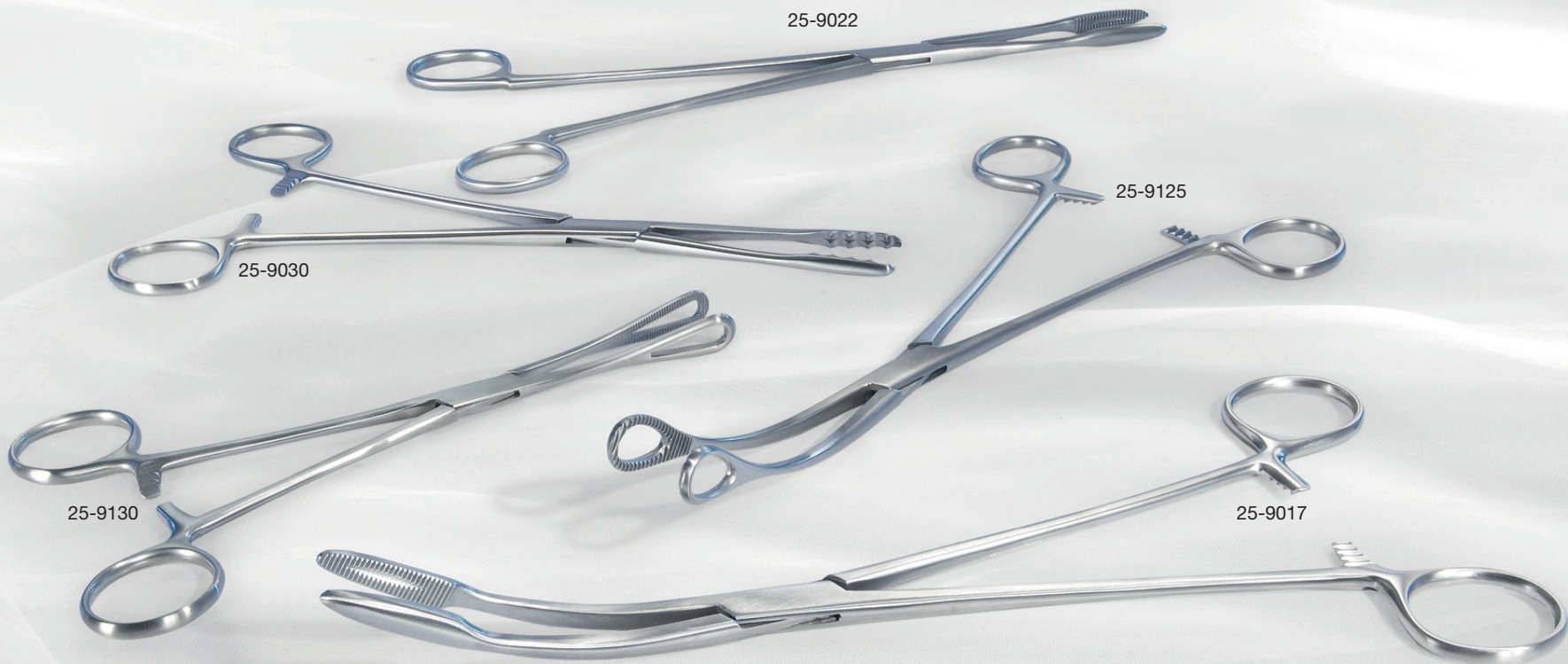
Fig.	Art.-No.	Length mm / "
G	25-2660	230/9
H	25-2662	240/9½

* bold = shown



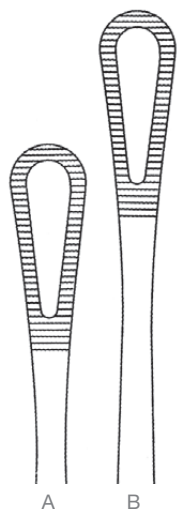


Sponge Forceps



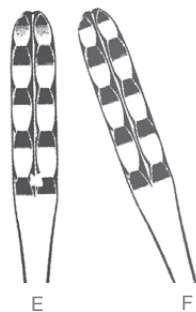
Sponge Forceps

GEISTER®



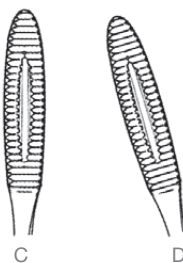
Rampley

Fig.	Art.-No.	Length mm / "
A	25-9130	180/7
B	25-9132	250/10



Ulrich

Fig.	Art.-No.	Length mm / "
E	25-9030	220/8¾
	25-9031	250/10
	25-9032	270/10½
F	25-9035	220/8¾
	25-9036	250/10
	25-9037	270/10½



Gross-Maier

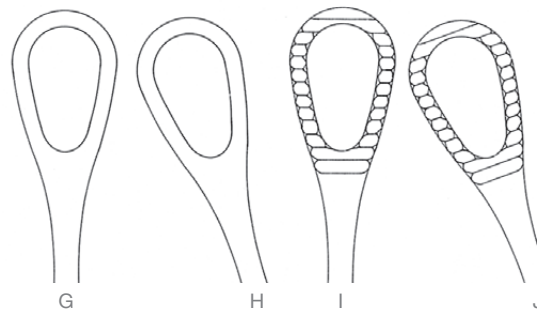
with ratchet

without ratchet

Fig.	Art.-No.	Art.-No.	Length mm / "
C	25-9010	25-9020	200/8
	25-9011	25-9021	220/8¾
	25-9012	25-9022	250/10
	25-9013	25-9023	270/10½
D	25-9014	25-9024	200/8
	25-9015	25-9025	220/8¾
	25-9016	25-9026	250/10
	25-9017	25-9027	270/10½

smooth jaws

serrated jaws



Foerster

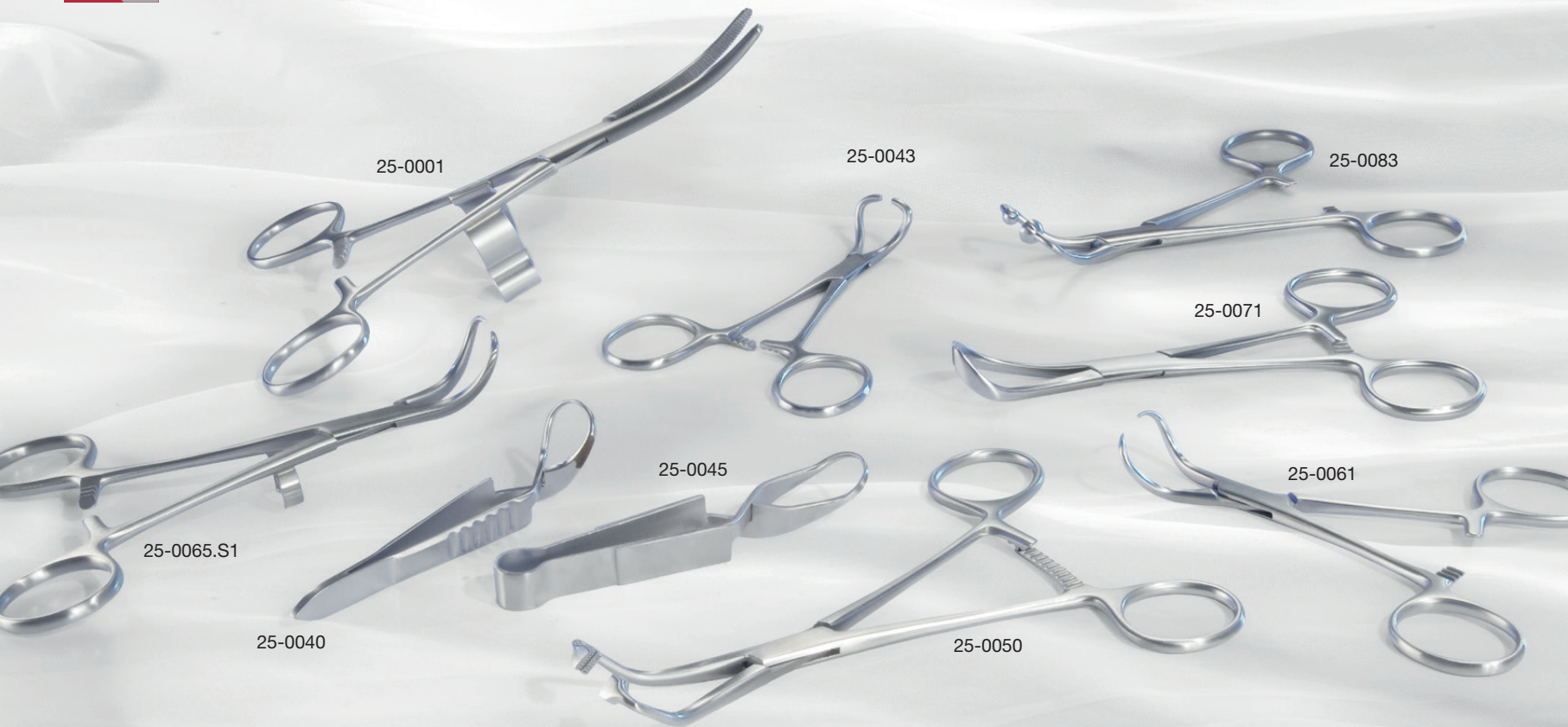
Fig.	Art.-No.	Length mm / "
G	25-9110	250/10
H	25-9111	250/10
I	25-9120	180/7
I	25-9121	200/8
I	25-9122	250/10
J	25-9123	180/7
J	25-9124	200/8
J	25-9125	250/10
J	25-9134	330/13

Illustrations not 1:1

* bold = shown



Towel Forceps and Tube Holding Forceps



Jones

Art.-No.	Length cm/"
25-0040	9/3½

Tohoku

Art.-No.	Length cm/"
25-0043	10/4
25-0044	13/5

Schaedel

Art.-No.	Length cm/"
25-0045	9/3½

Peers

Art.-No.	Length cm/"
25-0050	14.5 / 5¾

Backhaus

Art.-No.	Length cm/"
25-0060	9/3½
25-0061	11/4¼
25-0062	13/5
25-0063	15/6

Lorna

Art.-No.	Length cm/"
25-0070	10.0/4
25-0071	13.0/5

Socket & Ball

Art.-No.	Length cm/"
25-0082	11.5/4½
25-0083	13.0/5
25-0085	15.0/6

Green Tube Holding Forceps

Art.-No.	Length cm/"
25-0001	16.0/6¼

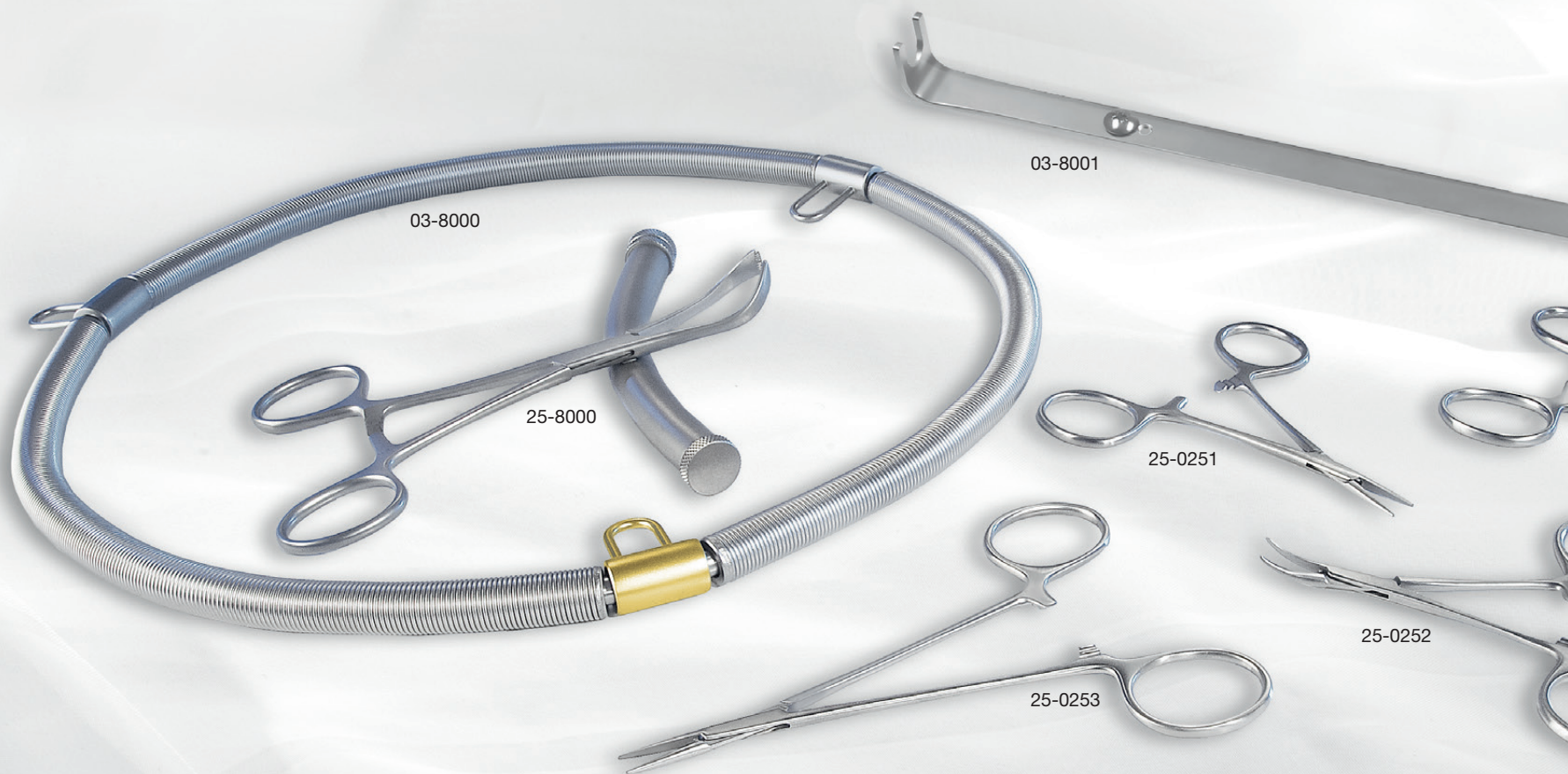
Towel Forceps with Tube Holder

For holding extracorporeal tubing to drapes.

Art.-No.	Length cm/"	for Tube size o.d. mm/"
25-0065.00	13.0/5	2.5 mm/⅛
25-0065.01	13.0/5	6.0 mm/¼
25-0065.02	13.0/5	8.5 mm/⅜
25-0065.03	13.0/5	12.5 mm/½
25-0065.04	13.0/5	18.0 mm/¾
25-0065.S1	13.0/5	9.5 mm/⅜
25-0065.S2	13.0/5	14.0 mm/⅞
25-0065.S3	13.0/5	17.5 mm/1⅛

Paper Towel Forceps with Tube Holder, Button

Art.-No.	Length cm/"	for Tube size o.d. mm/"
25-0086.01	13.0/5	6.0/¼
25-0086.02	13.0/5	8.5/⅜
25-0086.03	13.0/5	12.5/½





25-0254



Crawford

Suture holder, Ring

Art.-No.	Ø mm / "	
03-8000	250/10	detachable

Spring Stretchers

for Crawford Neo Suture Holding Ring (3/set)

Art.-No.	
03-8001	Spring for illustration only

Gregory

Sutute-holding Clamp

Art.-No.	Length mm / "	
25-0251	95/3¾	straight
25-0252	95/3¾	curved
25-0253	120/4¾	straight
25-0254	120/4¾	curved

color coding or numbering is available on request

Illustrations not 1:1

Art.-No.	Length mm / "
25-8000	130/5

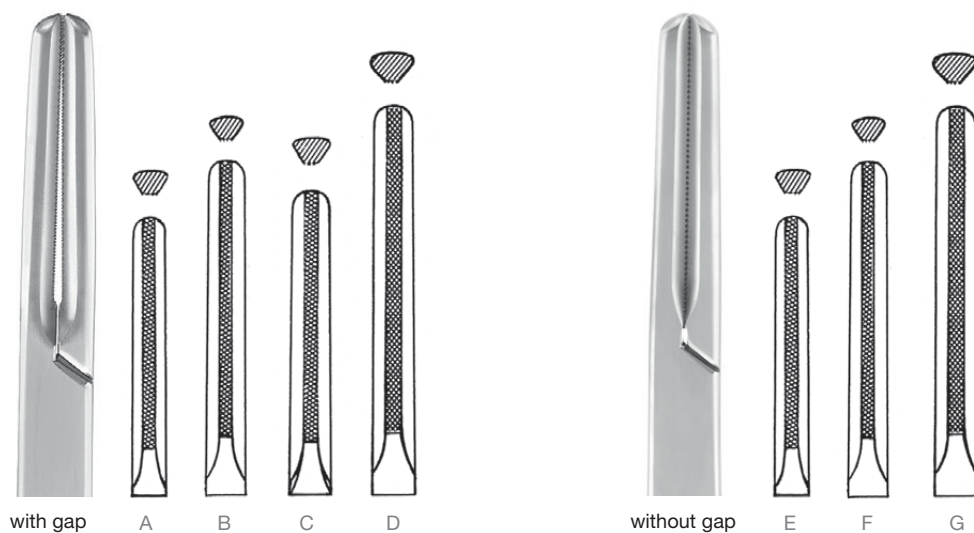
For the control of up to 10 sutures. By a circular placement of several devices around the operation field the number of controlled sutures can be increased without limitation. The sutures can be fixed or released by using the side screw. As basement a non-perforating towel clamp is used.

* **bold** = shown



Tube Occluding Forceps





Illustrations not 1:1

Vorse

with gap, without safty guard

Fig.	Art.-No.	Length cm/"	
A	25-0010	15/6	(Pediatric)
B	25-0024	18/7	
C	25-0011	19/7½	
D	25-0012	20/8	

without gap, without safty guard

Fig.	Art.-No.	Length cm/"	
E	25-0009	15/6	(Pediatric)
F	25-0025	18/7	
G	25-0013	20/8	

Vorse

with gap, with safty guard

Fig.	Art.-No.	Length cm/"	
A	25-0020	15/6	
B	25-0027	18/7	
C	25-0021	19/7½	
D	25-0022	20/8	

without gap, with safty guard

Fig.	Art.-No.	Length cm/"	
E	25-0023	20/8	

bold = shown

**Tube-Milking Roller**

25-0032

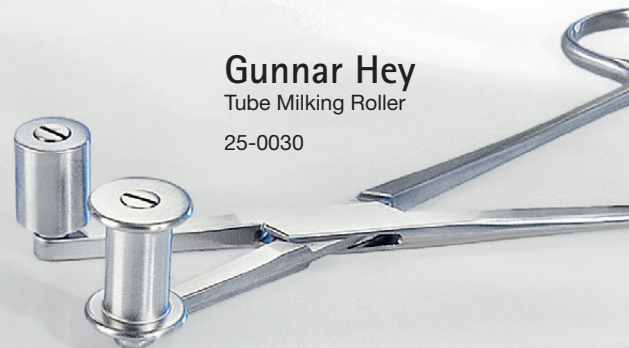
**Chest Tube Passer**

03-7600

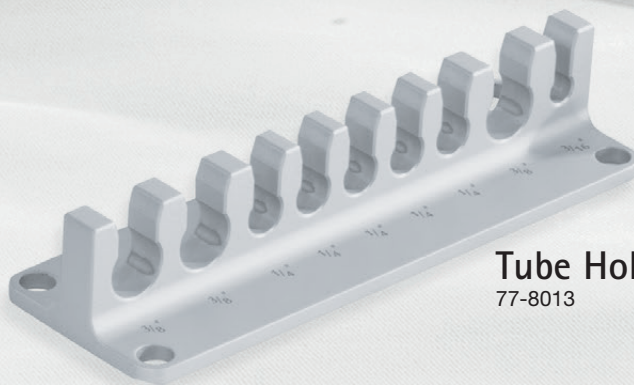
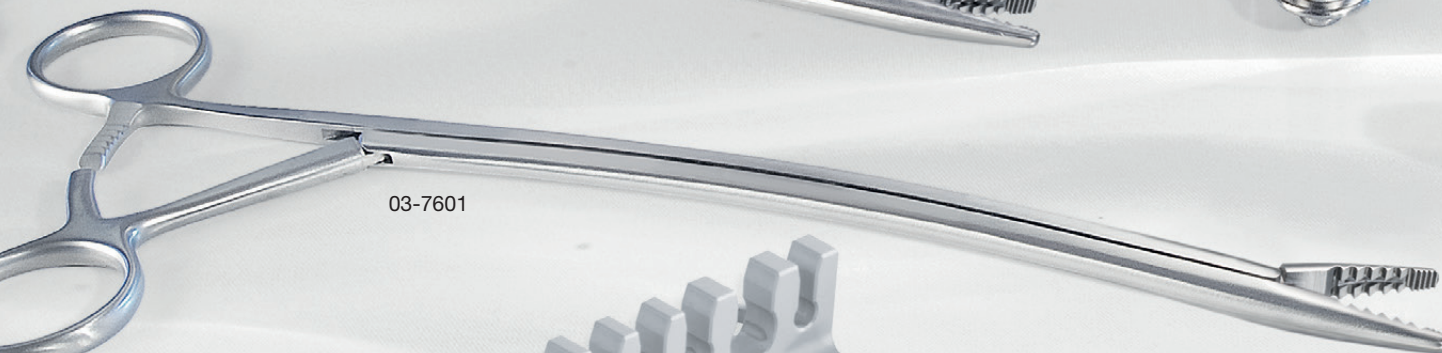
**Gunnar Hey**

Tube Milking Roller

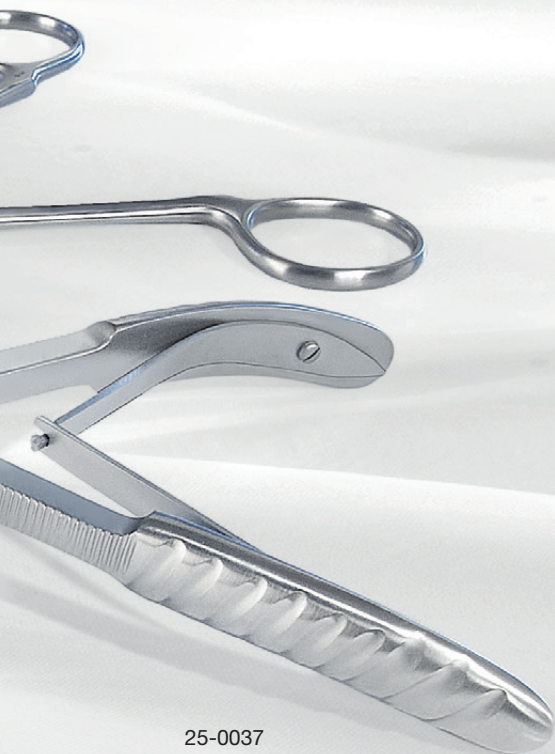
25-0030



03-7601

**Tube Holders**

77-8013



25-0037

Tube Stretcher

Tube Cutter

Art.-No.	Length mm / "
25-0037	13.0/5

Tube-Milking Roller

with teflon bobbins

Art.-No.	Length mm / "
25-0032	16.0/6¼

Tube-Milking Roller Gunnar-Hey

Stainless steel roller wheels

Art.-No.	Length mm / "
25-0030	19.0/7½

Stern Chest Tube Passer

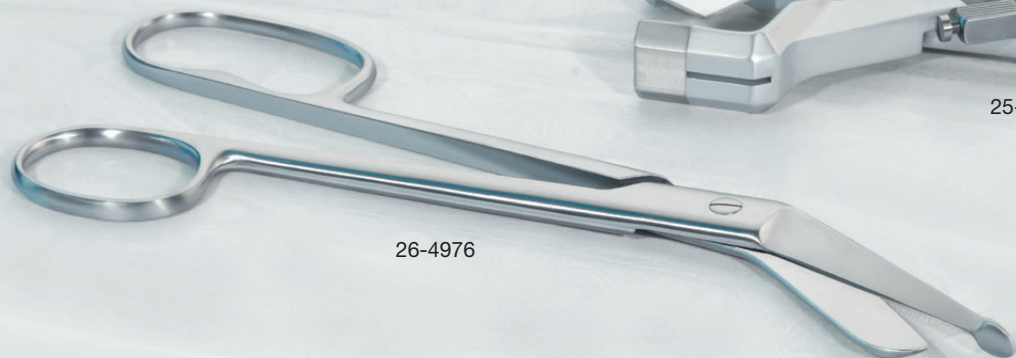
Art.-No.		Length mm / "
03-7600	without ratchet	24.0/9½
03-7601	with ratchet	24.0/9½
03-7610	without ratchet	35.0/14
03-7611	with ratchet	35.0/14

with strap, please add „SB“ behind the articlenumber

Tube Holders

Art.-No.	Description	Diameter "
77-8013	Tube-Organizer, adult T-Profil	2 x ¾, 5 x ¼, 1 x ¾, 1 x ¾
77-8010	Tube-Organizer, adult	1 x ½, 4 x ¼, 1 x ¾
77-8011	Tube-Organizer, adult	1 x ½, 6 x ¼, 1 x ¾
77-8012	Tube-Organizer, adult	1 x ½, 1 x ¾, 2 x ¼, 1 x ¾, 1 x ¼, 1 x ¾
77-8014	Tube-Organizer, adult, special	2 x ¾, 3 x ¼, 1 x ¾
77-8015	Tube-Organizer, infants	1 x ¾, 1 x ¾, 1 x ¼, 1 x ¾, 2 x ¼
77-8020	Tube-Organizer, baby	1 x ¼, 5 x ¾

* bold = shown



26-4976



25-0036





25-0035

Super Tube Cutters

Art.-No.	Length cm/"	for Tube up to Ø o.d.	Info	Description
25-0035	17.0/6½	18 mm	standard	with ratchet
25-0035.NC	17.0/6½	18 mm	standard	without ratchet
25-0035.EK	–	–	standard	spare blade
25-0036	17.0/6½	23 mm	wide	with ratchet
25-0036.NC	17.0/6½	23 mm	wide	without ratchet
25-0036.EK	–	–	wide	spare blade

Sims

Art.-No.	Length cm/"	
26-6880	20.0/8	straight
26-6881	20.0/8	curved
26-6883	23.0/9	straight
26-6884	23.0/9	curved

Braun-Stadler

Art.-No.	Length cm/"
26-6901	22.0/8¾

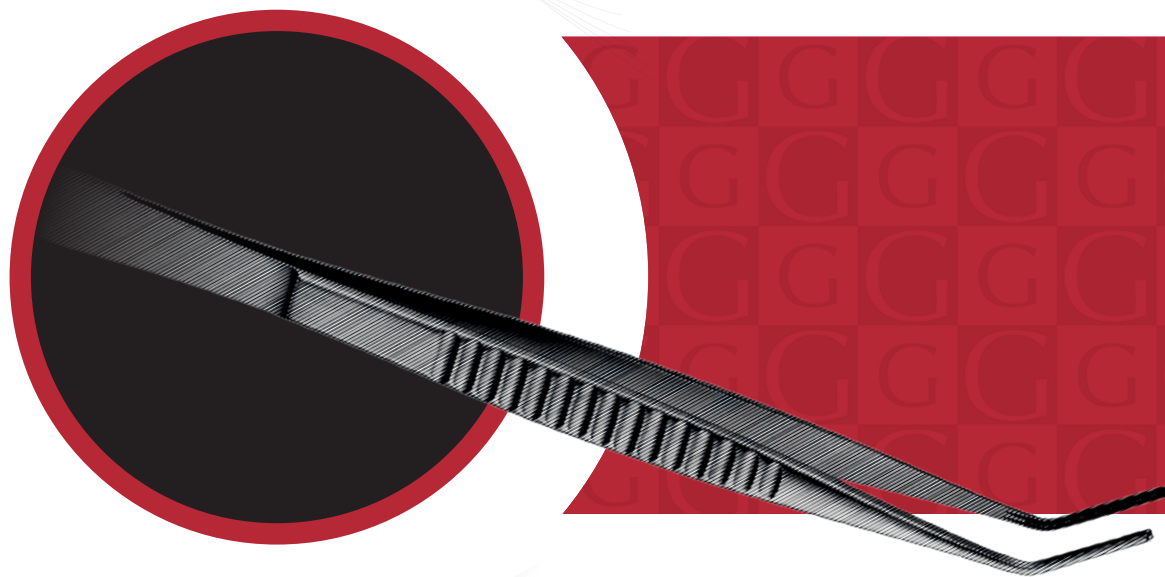
Doyen

Art.-No.	Length cm/"	
26-6908	16.0/6¼	straight
26-6910	18.0/7	straight
26-6910.SC	18.0/7	straight, Super Cut

Lister

Art.-No.	Length cm/"	
26-4974	18.0/7	
26-4974.SC	18.0/7	Super Cut
26-4975	20.0/8	
26-4975.SC	20.0/8	Super Cut
26-4976	20.0/8	with one large ring

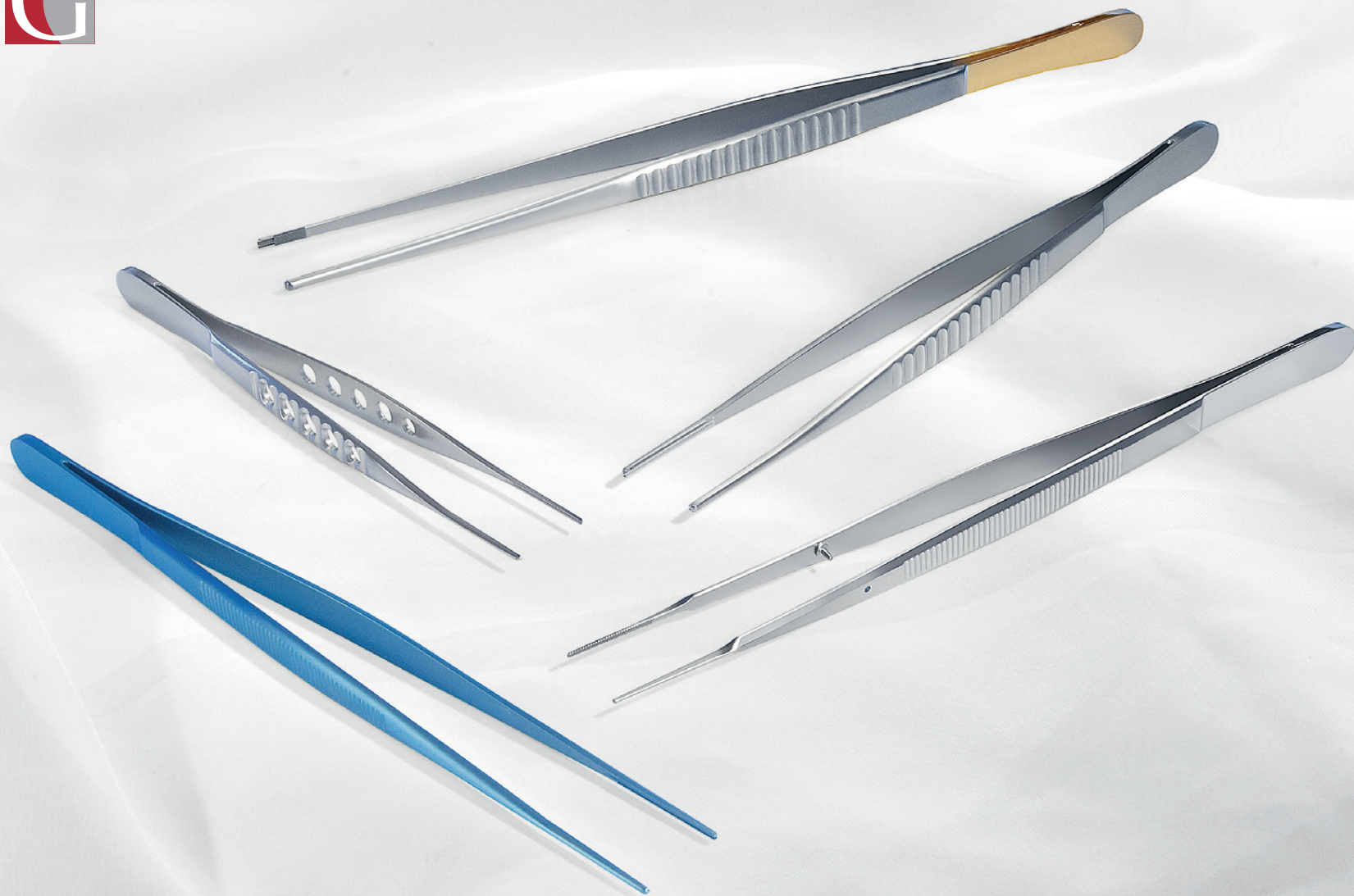
bold = shown

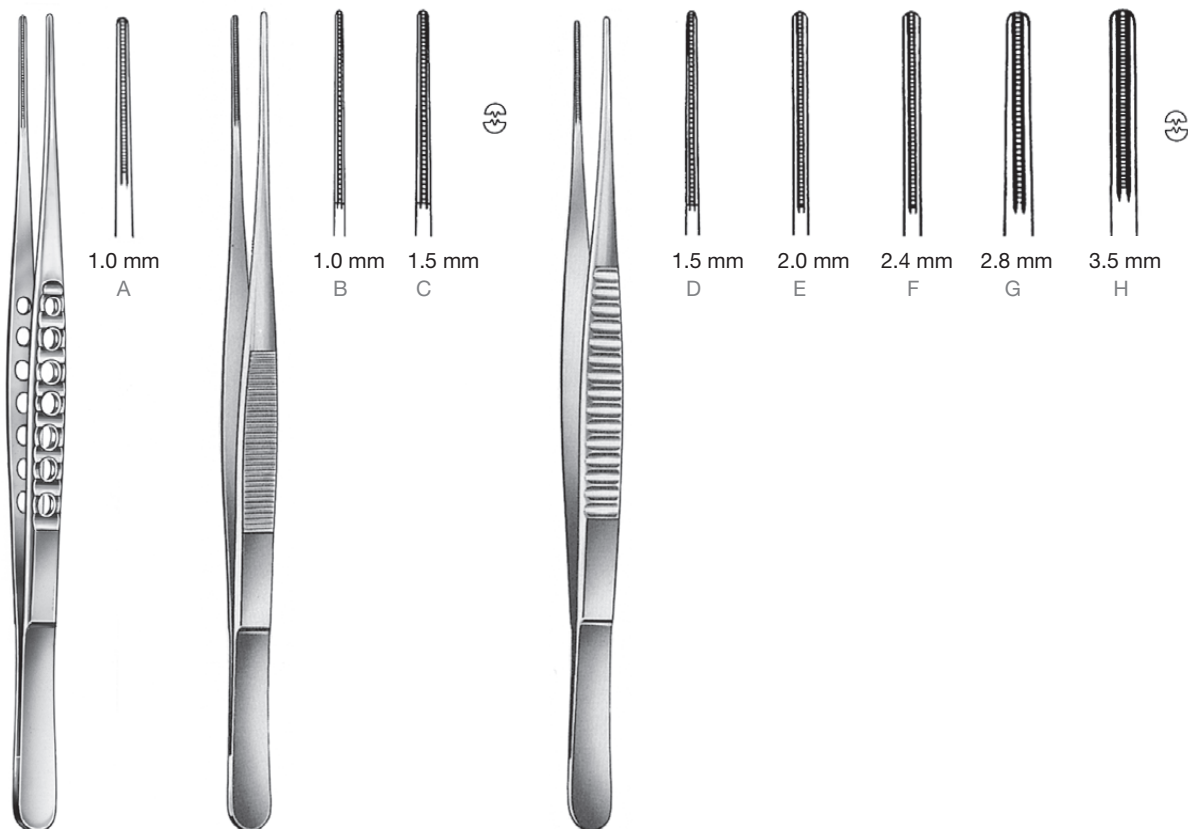


Tissue Forceps | Dressing Forceps | Grasping Forceps



Atraumatic Tissue Forceps





Ultra-light with DeBakey Jaws

Fig.	Art.-No.	Length	Jaw
A	10-0050	15.0 cm	1.0 mm
A	10-0052	19.5 cm	1.0 mm
A	10-0054	24.0 cm	1.0 mm

Diethrich with DeBakey Jaws

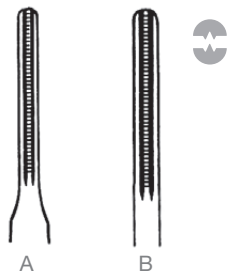
Fig.	Art.-No.	Length	Jaw
B	10-0096	15.0 cm	1.0 mm
B	10-0097	19.5 cm	1.0 mm
B	10-0098	24.0 cm	1.0 mm
C	10-0100	15.0 cm	1.5 mm
C	10-0102	19.5 cm	1.5 mm
C	10-0104	24.0 cm	1.5 mm

Tissue Forceps with DeBakey Jaws

Fig.	Art.-No.	Length	Jaw
D	10-0106	15.0 cm	1.5 mm
D	10-0107	19.5 cm	1.5 mm
D	10-0108	24.0 cm	1.5 mm
D	10-0109	30.0 cm	1.5 mm
E	10-0110	15.0 cm	2.0 mm
E	10-0112	19.5 cm	2.0 mm
E	10-0114	24.0 cm	2.0 mm
F	10-0115.15	15.0 cm	2.4 mm
F	10-0115	24.0 cm	2.4 mm
E	10-0116	30.0 cm	2.0 mm
E	10-0118	38.0 cm	2.0 mm
G	10-0121	15.0 cm	2.8 mm
G	10-0123	19.5 cm	2.8 mm
G	10-0125	24.0 cm	2.8 mm
G	10-0127	30.0 cm	2.8 mm
G	10-0129	38.0 cm	2.8 mm
H	10-0131	16.0 cm	3.5 mm
H	10-0133	20.0 cm	3.5 mm
H	10-0135	24.0 cm	3.5 mm
H	10-0137	30.0 cm	3.5 mm

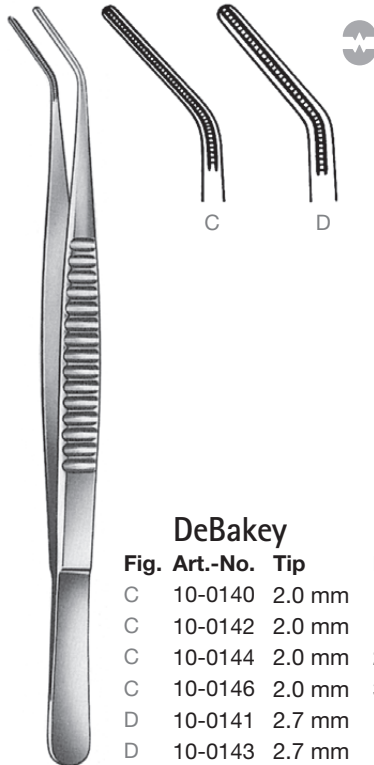


Atraumatic Tissue Forceps



DeBakey

Fig.	Art.-No.	Tip	Length
A	10-0120	2.7 mm	15.0 cm/6"
A	10-0122	2.7 mm	19.5 cm/7½"
A	10-0124	2.7 mm	24.0 cm/9½"
A	10-0126	2.7 mm	30.0 cm/12"
A	10-0128	2.7 mm	38.0 cm/15"
B	10-0130	3.5 mm	15.0 cm/6"
B	10-0132	3.5 mm	19.5 cm/7½"
B	10-0134	3.5 mm	24.0 cm/9½"
B	10-0136	3.5 mm	30.0 cm/12"
B	10-0138	3.5 mm	38.0 cm/15"



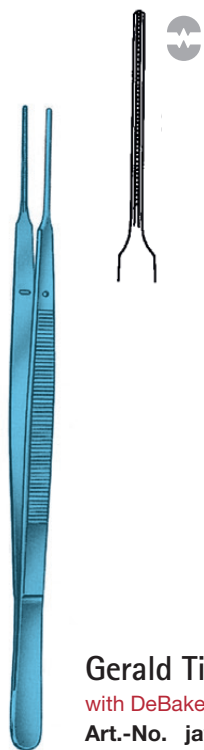
DeBakey

Fig.	Art.-No.	Tip	Length
C	10-0140	2.0 mm	15.0 cm/6"
C	10-0142	2.0 mm	19.5 cm/7½"
C	10-0144	2.0 mm	24.0 cm/9½"
C	10-0146	2.0 mm	30.0 cm/12"
D	10-0141	2.7 mm	15.0 cm/6"
D	10-0143	2.7 mm	19.5 cm/7½"
D	10-0145	2.7 mm	24.0 cm/9½"
D	10-0148	2.7 mm	30.0 cm/12"



Cooley

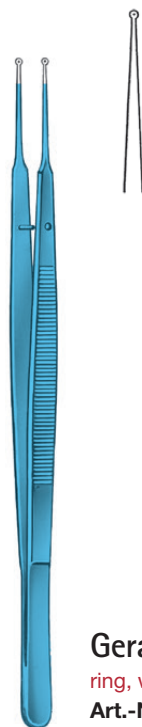
Art.-No.	Tip	Length
10-0180	2.0 mm	15.0 cm/6"
10-0182	2.0 mm	19.5 cm/7½"
10-0184	2.0 mm	24.0 cm/9½"



Gerald Titanium

with DeBakey Jaws

Art.-No.	jaw	Length
10-0350	1.2 mm [$\leq 5-0$]	18.0 cm / 7"
10-0351	1.2 mm [$\leq 5-0$]	21.0 cm / 8¼"



SAPPHIRE™
Enhanced Needle Grip Surface

Gerald Titanium

ring, with platform

Art.-No.	jaw	Length
10-0356	1.0 mm	18.0 cm / 7"
10-0357	1.0 mm	21.0 cm / 8¼"



SAPPHIRE™
Enhanced Needle Grip Surface

Gerald Titanium

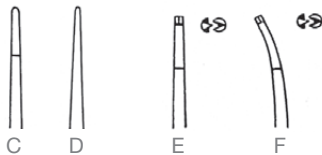
with platform

Art.-No.	jaw	Length
10-0360	1.0 mm	18.0 cm / 7"
10-0361	1.0 mm	21.0 cm / 8¼"



Gerald

Fig.	Art.-No.	jaw	Length
A	10-3300	0.5 x 1.0 mm	18.0 cm / 7"
A	10-3300.20	0.5 x 1.0 mm	20.0 cm / 8"
B	10-3301	0.5 x 1.0 mm	18.0 cm / 7"



Gerald

Fig.	Art.-No.	jaw	teeth	Length
C	10-3305	1.0 mm	—	18.0 cm / 7"
D	10-3310	1.0 mm	—	18.0 cm / 7"
D	10-3311	1.0 mm	—	20.0 cm / 8"
E	10-3315	1.0 mm	1x2	18.0 cm / 7"
F	10-3316	1.0 mm	1x2	18.0 cm / 7"



Gerald

toothed

Art.-No.	jaw	Length
10-3320	1.0 mm	18.0 cm / 7"



Gerald

cross-serrated

Art.-No.	jaw	Length
10-3331	1.0 mm	19.5 cm / 7½"
10-3332	1.0 mm	25.0 cm / 10"
10-3335	1.5 mm	30.0 cm / 12"
10-3340	2.0 mm	35 cm / 14"



SAPPHIRE™
Enhanced Needle Grip Surface

Thumb

Art.-No.	jaw	Length
10-3370	1.0 mm	16.0 cm / 6¼"
10-3372	1.0 mm	20.0 cm / 8"
10-3373	1.0 mm	24.0 cm / 9½"
10-3380	2.0 mm	16.0 cm / 6¼"
10-3382	2.0 mm	20.0 cm / 8"
10-3383	2.0 mm	24.0 cm / 9½"



Cushing Titanium

Art.-No.	Length
10-1910.TI	18.0 cm / 7"



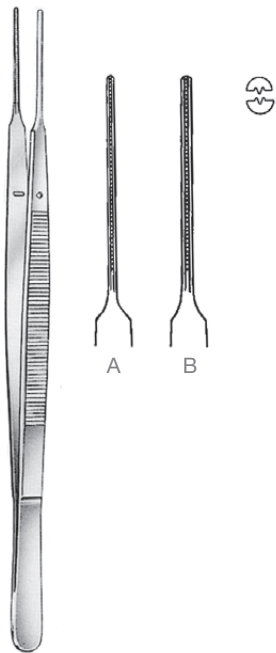
Cooley

delicate serrated

Art.-No.	Length
10-1560	20.5 cm / 8½"
10-1560.TC	20.5 cm / 8½"



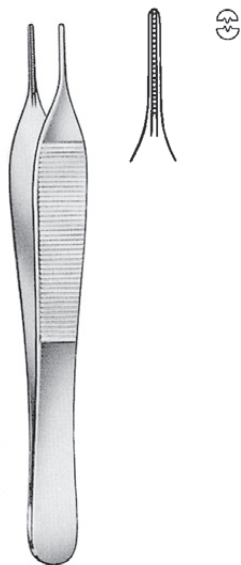
Atraumatic Tissue Forceps



Typ: Gerald

Fig.	Art.-No.	Tip	Length
A	*10-0073	1.0 mm	15 cm/6"
A	*10-0075	1.0 mm	18.0 cm/7"
B	10-0089	1.2 mm	15 cm/6"
B	10-0090	1.2 mm	18.0 cm/7"
B	10-0091	1.2 mm	24.0 cm/9½"

*without pin



DeBakey-Adson

Art.-No.	Tip	Length
10-0105	1.5 mm	12.5 cm/5"



Cushing

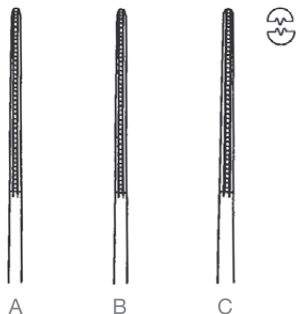
Art.-No.	Tip	Length
10-0072	1.0 mm	18.0 cm/7"



DeBakey-Diethrich

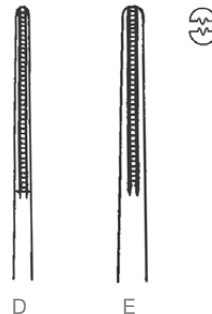
Art.-No.	Tip	Length
10-0150	1.5 mm	15 cm/6"
10-0152	1.5 mm	19.5 cm/7½"
10-0154	1.5 mm	24.0 cm/9½"

Illustrations not 1:1



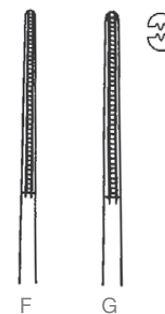
DeBakey Titanium

Fig.	Art.-No.	Tip	Length
A	10-0315	1.0 mm	15.0 cm/6"
A	10-0316	1.0 mm	19.5 cm/7½"
A	10-0317	1.0 mm	24.0 cm/9½"
B	10-0320	1.5 mm	15.0 cm/6"
B	10-0322	1.5 mm	19.5 cm/7½"
B	10-0324	1.5 mm	24.0 cm/9½"
C	10-0330	1.8 mm	15.0 cm/6"
C	10-0332	1.8 mm	19.5 cm/7½"
C	10-0334	1.8 mm	24.0 cm/9½"



DeBakey Titanium

Fig.	Art.-No.	Tip	Length
D	10-0336	2.0 mm	15.0 cm/6"
D	10-0337	2.0 mm	19.5 cm/7½"
D	10-0338	2.0 mm	24.0 cm/9½"
E	10-0340	2.8 mm	15.0 cm/6"
E	10-0341	2.8 mm	19.5 cm/7½"
E	10-0342	2.8 mm	24.0 cm/9½"



Liddicoat Titanium

Fig.	Art.-No.	Tip	Length
F	10-0300	1.80 mm	15.0 cm/6"
F	10-0302	1.80 mm	19.5 cm/7½"
F	10-0304	1.80 mm	24.0 cm/9½"
G	10-0301	1.25 mm	15.0 cm/6"
G	10-0303	1.25 mm	19.5 cm/7½"
G	10-0305	1.25 mm	24.0 cm/9½"





DeBakey-Chitwood*

with DeBakey Jaws, 6 x 12



Art.-No.	Length	Jaw
10-0600	15.0 cm / 6"	1.5 mm
10-0602	19.5 cm / 7½"	1.5 mm
10-0604	24.0 cm / 9½"	1.5 mm

with DeBakey Jaws, 6 x 12

Fig.	Art.-No.	Length	Jaw
A	10-0620	15.0 cm / 6"	2.0 mm
A	10-0622	19.5 cm / 7½"	2.0 mm
A	10-0624	24.0 cm / 9½"	2.0 mm
A	10-0624.30	30.0 cm / 12"	2.0 mm
B	10-0630	15.0 cm / 6"	2.7 mm
B	10-0632	19.5 cm / 7½"	2.7 mm
B	10-0634	24.0 cm / 9½"	2.7 mm
C	10-0640	15.0 cm / 6"	3.5 mm
C	10-0642	19.5 cm / 7½"	3.5 mm
C	10-0644	24.0 cm / 9½"	3.5 mm



A

B

C



with DeBakey Jaws, 2 x 4

Art.-No.	Length	Jaw
10-0610	15.0 cm / 6"	1.5 mm
10-0612	19.5 cm / 7½"	1.5 mm
10-0614	24.0 cm / 9½"	1.5 mm

with DeBakey Jaws, 2 x 4

Fig.	Art.-No.	Length	Jaw
D	10-0626	15.0 cm / 6"	2.0 mm
D	10-0627	19.5 cm / 7½"	2.0 mm
D	10-0628	24.0 cm / 9½"	2.0 mm
D	10-0628.30	30.0 cm / 12"	2.0 mm
E	10-0636	15.0 cm / 6"	2.7 mm
E	10-0637	19.5 cm / 7½"	2.7 mm
E	10-0638	24.0 cm / 9½"	2.7 mm
F	10-0646	15.0 cm / 6"	3.5 mm
F	10-0647	19.5 cm / 7½"	3.5 mm
F	10-0648	24.0 cm / 9½"	3.5 mm



D

E

F

Illustrations not 1:1

*add ".WP" behind catalog reference if desired with pin.

bold = shown



10-0501



10-0500

10-0504



10-0552



10-0551



A

Adson TC

Smooth

Fig.	Art.-No.	Length	Jaw
A	10-0501	12.0 cm / 4¾"	1.6 mm



B

Standard

Fig.	Art.-No.	Length	Jaw
B	10-0500	12.0 cm / 4¾"	1.6 mm
B	10-0502	15.0 cm / 6"	1.6 mm

Illustrations not 1:1



C

Adson-Brown TC

Fig.	Art.-No.	Length	Jaw
C	10-0504	12.5 cm / 5"	2.0 mm
C	10-0505	15.0 cm / 6"	2.0 mm



D

Adson TC 1 x 2

Fig.	Art.-No.	Length	Jaw
D	10-0550	12.0 cm / 4¾"	1.7 mm
D	10-0552	15.0 cm / 6"	1.7 mm



E

Micro, Adson TC

Fig.	Art.-No.	Length	Jaw
E	10-0551	12.0 cm / 4¾"	1.0 mm
E	10-0553	15.0 cm / 6"	1.0 mm

bold = shown





A

Micro Potts-Smith TC

with dissector

Fig.	Art.-No.	Length	Jaw
A	10-0507	21.0 cm/8½"	0.7 mm



B

Potts-Smith TC

with dissector

Fig.	Art.-No.	Length	Jaw
B	10-0526	18.0 cm/7"	1.8 mm
B	10-0527	21.0 cm/8½"	1.8 mm
B	10-0528	23.0 cm/9"	1.8 mm
B	10-0529	25.0 cm/10"	1.8 mm

Standard TC



C



D

Fig.	Art.-No.	Length	Jaw
C	10-0530	14.5 cm/5½"	1.8 mm
C	10-0532	16.0 cm/6¼"	1.8 mm
C	10-0534	18.0 cm/7"	1.8 mm
C	10-0535	20.0 cm/8"	1.8 mm
C	10-0536	23.0 cm/9"	1.8 mm
C	10-0537	25.0 cm/10"	1.8 mm
D	10-0540	14.5 cm/5½"	2.7 mm
D	10-0541	16.0 cm/6¼"	2.7 mm
D	10-0542	18.0 cm/7"	2.7 mm
D	10-0543	20.0 cm/8"	2.7 mm
D	10-0544	23.0 cm/9"	2.7 mm

Illustrations not 1:1

bold = shown



10-0545



10-0513



10-0508



10-0513.GB





A

McIndoe TC(F)

Fig.	Art.-No.	Length
A	10-0508	15.0 cm / 6"

Cushing TC(F)(M)

with dissector, straight

Fig.	Art.-No.	Length	Jaw	Description
B	10-0511	18.0 cm / 7"	0.8 mm	without pin
B	10-0513	18.0 cm / 7"	0.8 mm	with pin
C	10-0510	18.0 cm / 7"	2.0 mm	with pin

angled

Fig.	Art.-No.	Length	Jaw	Description
B	10-0511.GB	18.0 cm / 7"	0.8 mm	without pin
B	10-0513.GB	18.0 cm / 7"	0.8 mm	with pin
C	10-0512	18.0 cm / 7"	2.0 mm	with pin



B



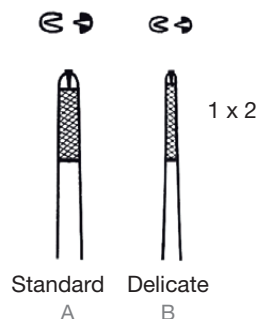
C



D

Wangensteen TC(F)

Fig.	Art.-No.	Length
D	10-0545	15.0 cm / 6"
D	10-0546	23.0 cm / 9"
D	10-0547	25.0 cm / 10"



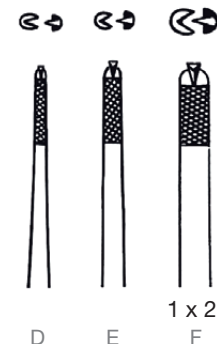
Oehler, TC(F)

Fig.	Art.-No.	Length
A	10-0560	14.5 cm / 5½"
A	10-0561	16.0 cm / 6¼"
A	10-0562	18.0 cm / 7"
A	10-0563	20.0 cm / 8"
A	10-0564	25.0 cm / 10"
B	10-0565	14.5 cm / 5½"
B	10-0566	16.0 cm / 6¼"
B	10-0567	18.0 cm / 7"
B	10-0568	20.0 cm / 8"
B	10-0569	25.0 cm / 10"



Bonney, TC(F)

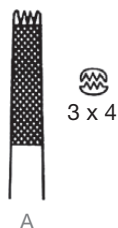
Fig.	Art.-No.	Length
C	10-0585	20 cm / 8"



Skinner, TC(F)

Fig.	Art.-No.	Size	Length
D	10-0580	S	23 cm / 9"
E	10-0581	M	23 cm / 9"
F	10-0582	L	23 cm / 9"





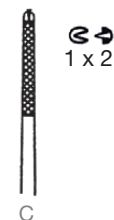
Stille-Barraya, TC(F)

Fig.	Art.-No.	Length
A	10-0583	20 cm/8"



USA-Mod., TC(F)

Fig.	Art.-No.	Length
B	10-0514	15 cm/6"



Gillies, TC(F)

Fig.	Art.-No.	Length
C	10-0575	15 cm/6"

**Gerald, TC(M)**

Fig.	Art.-No.	jaw	Length
A	10-0519	0.7 mm	18.0 cm / 7"

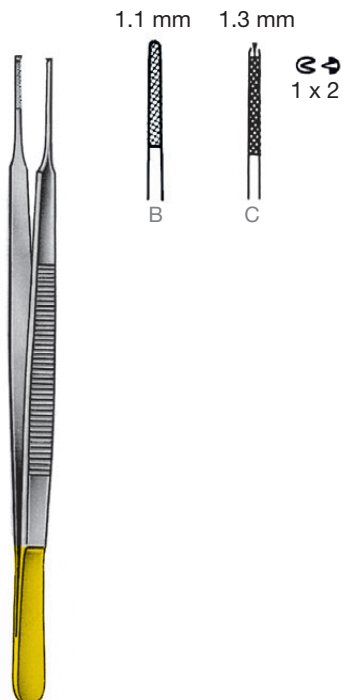
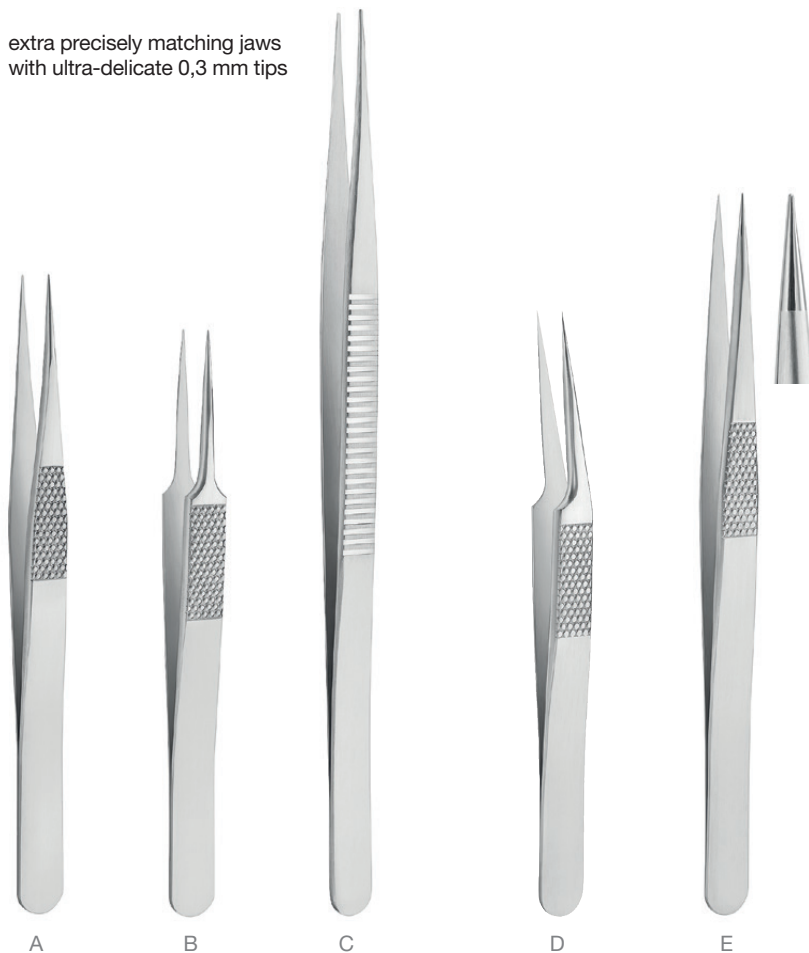
**Gerald, TC(F)**

Fig.	Art.-No.	jaw	Length
B	10-0518	1.1 mm	18.0 cm / 7"
C	10-0570	1.3 mm	18.0 cm / 7"

**Evans, TC(F)**

Fig.	Art.-No.	Length
D	10-0549	25.0 cm / 10"

extra precisely matching jaws
with ultra-delicate 0,3 mm tips



SAPPHIRE™
Enhanced Needle Grip Surface

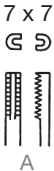
*Also available with Sapphire™-jaws on request
(add ".AS" behind the article no.)

Forceps

Fig.	Art-No.		Length
A	10-3203	(*)	12.0 cm / 4¾"
A	10-3204	(*)	13.5 cm / 5¼"
B	10-3205	(*)	11.0 cm / 4¼"
C	10-3213	(*)	18.0 cm / 7"

Dilator's

Fig.	Art-No.	Length	jaw	Width	
D	10-3200	(*) 11.0 cm / 4¼"	0.2 mm	9 mm	with 10° angled dilation tips
D	10-3211	11.0 cm / 4¼"	0.1 mm	8 mm	with 10° angled dilation tips
E	10-3212	13.5 cm / 5¼"	0.3 mm	7 mm	straight
E	10-3218	13.5 cm / 5¼"	0.3 mm	9 mm	straight
E	10-3219	13.5 cm / 5¼"	0.2 mm	9 mm	straight



Adson-Brown

Fig.	Art.-No.	Length
A	10-1835	12 cm / 4½"



Brown

Fig.	Art.-No.	Length
B	10-1841	15 cm / 6"
B	10-1842	20 cm / 8"
B	10-1843	25 cm / 10"

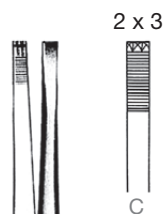


Resano

Fig.	Art.-No.	Length
C	10-0250	18 cm / 7"
C	10-0252	23 cm / 9"
C	10-0252.Ti	23 cm / 9"
C	10-0254	25 cm / 10"

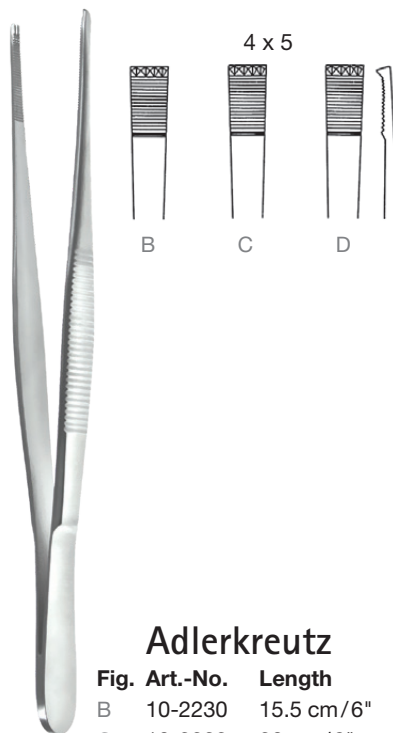
■ = Titanium

Illustrations not 1:1



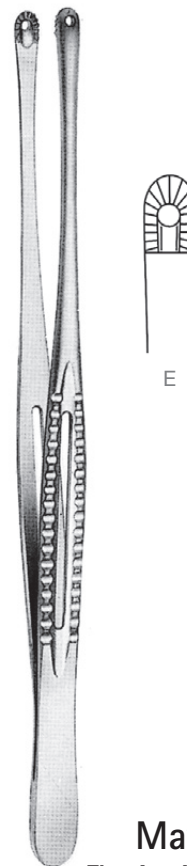
Adlerkreutz

Fig.	Art.-No.	Length
A	10-2231	16 cm/6¼"



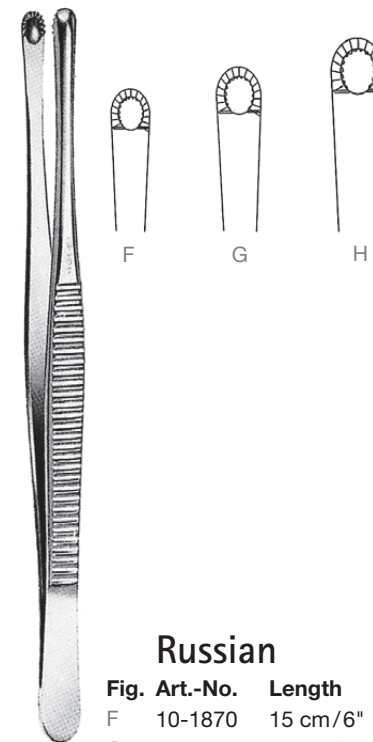
Adlerkreutz

Fig.	Art.-No.	Length
B	10-2230	15.5 cm/6"
C	10-2232	20 cm/8"
H	10-2234	25 cm/10"



Mayo-Russian

Fig.	Art.-No.	Length
E	10-1875	23 cm/9"



Russian

Fig.	Art.-No.	Length
F	10-1870	15 cm/6"
G	10-1871	20 cm/8"
H	10-1872	25 cm/10"



3



4



5



7

Jeweller's

Fig.	Art.-No.	Length
3	10-3103	11.5 cm / 4¼"
4	10-3104	11.5 cm / 4¼"
5	10-3105	11.5 cm / 4¼"
7	10-3107	11.5 cm / 4¼"

Dressing and Tissue Forceps, Grasping Forceps

GEISTER®

**Tuttle**

Art.-No.	Length
10-1840	23 cm/9"
10-1844	30 cm/12"

**Waugh**

Fig.	Art.-No.	Length
A	10-2245	18 cm/7"
A	10-2246	20 cm/8"
B	10-2249	15 cm/6"
B	10-2250	18 cm/7"
B	10-2251	20 cm/8"

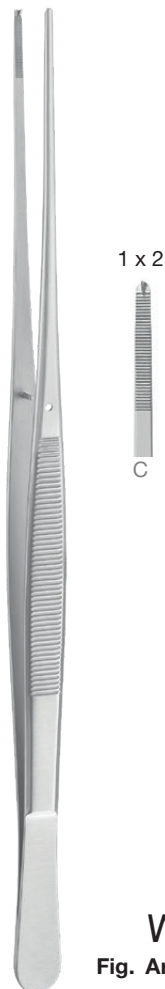
**Waugh**

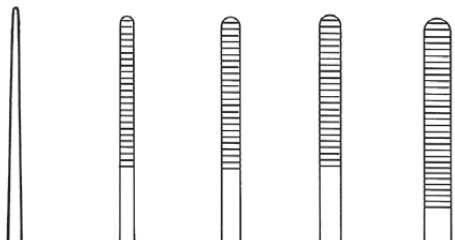
Fig.	Art.-No.	Length
C	10-2252	25 cm/10"
C	10-2253	30 cm/12"

**Lung**

Art.-No.	Length
10-1879	23 cm/9"



Dressing Forceps



Standard

A	B	C	D	E	
pointed smooth	delicate	medium	slender	regular	
Art.-No.	Art.-No.	Art.-No.	Art.-No.	Art.-No.	Length
–	–	–	10-2020	10-2000	10.5 cm / 4"
–	10-2045	–	10-2022	10-2002	11.5 cm / 4¼"
–	10-2046	–	10-2024	10-2004	13.0 cm / 5"
–	10-2047	10-2041	10-2026	10-2006	14.5 cm / 5½"
–	–	–	10-2028	10-2008	16.0 cm / 6¼"
–	–	–	10-2030	10-2010	18.0 cm / 7"
10-3002	–	–	10-2032	10-2012	20.0 cm / 8"
–	–	–	10-2034	10-2014	23.0 cm / 9"
–	–	–	10-2036	10-2016	25.0 cm / 10"
–	–	–	10-2038	10-2018	30 cm / 12"

Adson

Art.-No.	Length
10-1740	12 cm / 4¾"
10-1742	15 cm / 6"

Micro
Typ: Adson

Art.-No.	Length
10-1741	12 cm / 4¾"
10-1743	15 cm / 6"

Cushing

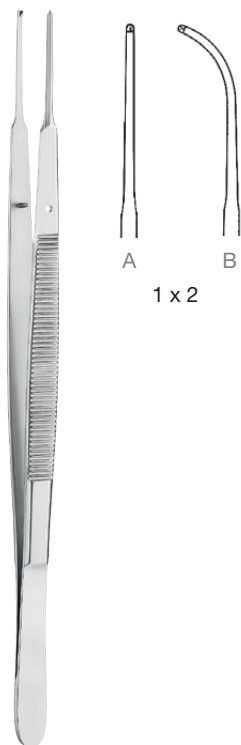
Art.-No.		Length
10-1910	straight	17.5 cm / "
10-1910.TI	straight	17.5 cm / "
10-1911	curved	17.5 cm / "

■ = Titanium

Illustrations not 1:1

Tissue Forceps

GEISTER®



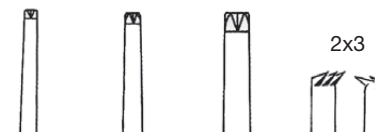
Gerald, 1x2

Fig.	Art.-No.		Length
A	10-2200	straight	18.0 cm / 7"
B	10-2201	curved	18.0 cm / 7"
A	10-1551	straight	23.5 cm / 9"



Gerald

Art.-No.	Length
10-2202	18.0 cm / 7"



Standard

A	B	C	D	Length
delicate	slender	regular	wide	
Art.-No.	Art.-No.	Art.-No.	Art.-No.	
—	—	10-2100	—	10.5 cm / 4"
10-2130	10-2122	10-2102	—	11.5 cm / 4¼"
10-2131	10-2124	10-2104	10-2140	13.0 cm / 5"
10-2132	10-2126	10-2106	10-2142	14.5 cm / 5½"
—	10-2128	10-2108	10-2144	16.0 cm / 6¼"
—	—	10-2110	10-2146	18.0 cm / 7"
—	—	10-2112	10-2148	20.0 cm / 8"
—	—	10-2114	—	23.0 cm / 9"
—	—	10-2116	—	25.0 cm / 10"
—	—	10-2118	—	30 cm / 12"



Dressing Forceps



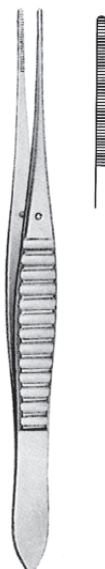
Semken

Fig.	Art.-No.		Length
A	10-1880	straight	13.0 cm/5"
B	10-1881	curved	13.0 cm/5"
A	10-1882	straight	14.5 cm/5½"
B	10-1883	curved	14.5 cm/5½"



McIndoe

Art.-No.	Length
10-1890	15 cm/6"



Gillies

Art.-No.	Length
10-1895	15 cm/6"



Gerald

Art.-No.	Length
10-1900	straight 18 cm/7"
10-1901	curved 18 cm/7"
10-1550	straight 24 cm/9½"



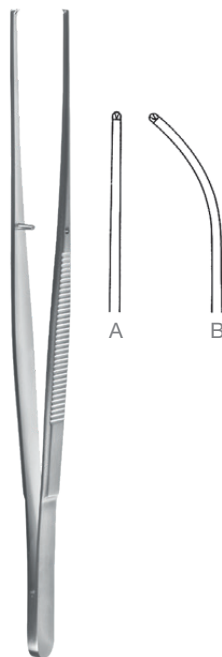
Gerald

Art.-No.	Length
10-1902	19.5 cm/7½"



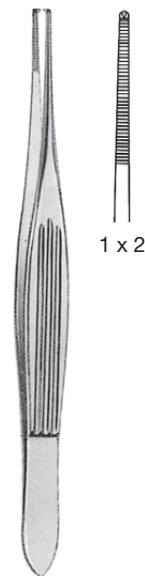
Brophy

Fig.	Art.-No.		Length
A	10-1915	straight	20.0 cm/8"



Semken, 1x2

Fig.	Art.-No.		Length
A	10-2170	straight	13.0 cm/5"
B	10-2171	curved	13.0 cm/5"
A	10-2172	straight	15.5 cm/6"
B	10-2173	curved	15.5 cm/6"



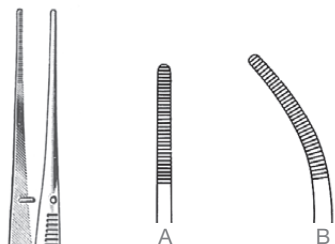
McIndoe

Art.-No.	Length
10-2190	15 cm/6"



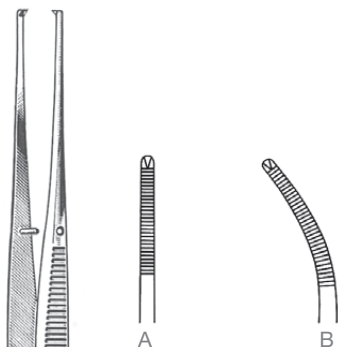
Gillies

Art.-No.	Length
10-2195	15 cm/6"



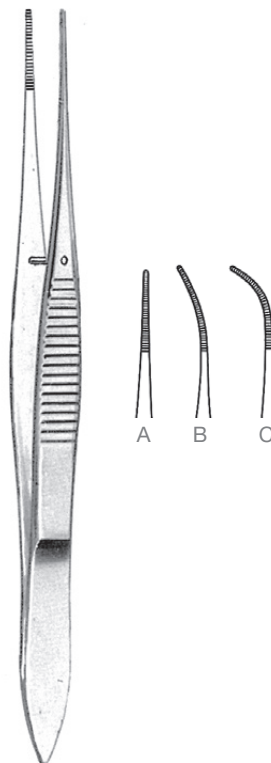
Potts-Smith (Waugh)

Fig.	Art.-No.	Length
A	10-1920	18.0 cm / 7"
B	10-1921	18.0 cm / 7"
A	10-1922	21.0 cm / 8¼"
B	10-1923	21.0 cm / 8¼"
A	10-1924	25.0 cm / 10"
B	10-1925	25.0 cm / 10"
A	10-1926	30.0 cm / 12"
B	10-1927	30.0 cm / 12"



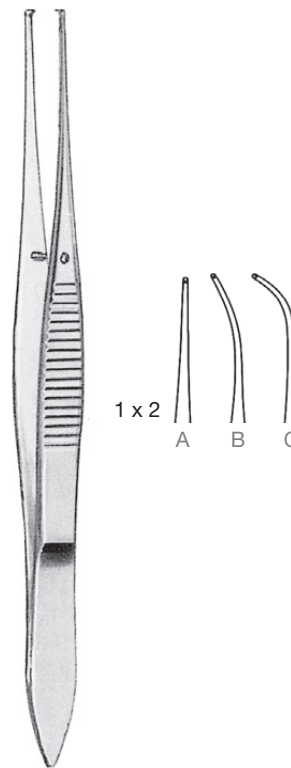
Potts-Smith

Fig.	Art.-No.	Length
A	10-2210	18.0 cm / 7"
B	10-2211	18.0 cm / 7"
A	10-2212	21.0 cm / 8¼"
B	10-2213	21.0 cm / 8¼"
A	10-2214	25.0 cm / 10"
B	10-2215	25.0 cm / 10"
A	10-2216	30.0 cm / 12"
B	10-2217	30.0 cm / 12"



Standard

Fig.	Art.-No.	Length
A	10-2060	10 cm / 4"
B	10-2062	10 cm / 4"
C	10-2064	10 cm / 4"

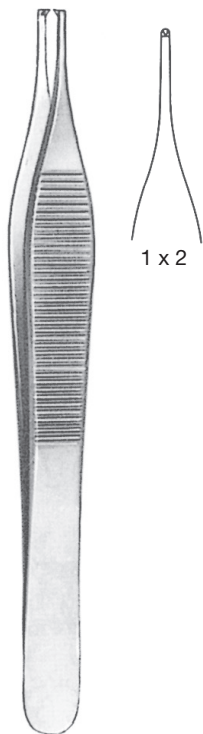


Standard

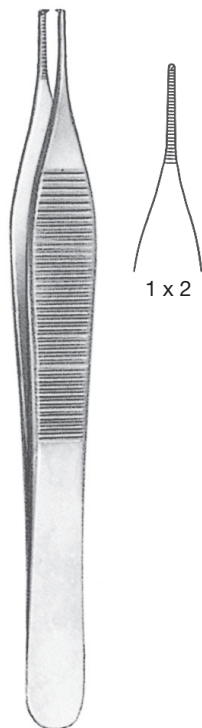
Fig.	Art.-No.	Length
A	10-2070	10 cm / 4"
B	10-2072	10 cm / 4"
C	10-2074	10 cm / 4"

Fine Tissue Forceps

GEISTER®

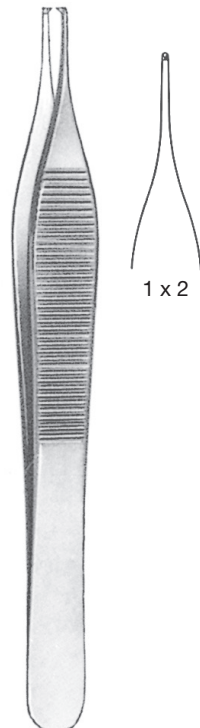
**Adson**

Art.-No.	Length
10-1832	12.0 cm / 4¾"
10-1838	15.0 cm / 6"

**Adson**

behind serrated

Art.-No.	Length
10-1831	12.0 cm / 4¾"
10-1837	15.0 cm / 6"

**Micro
Adson**

Art.-No.	Length
10-1833	12.0 cm / 4¾"
10-1839	15.0 cm / 6"

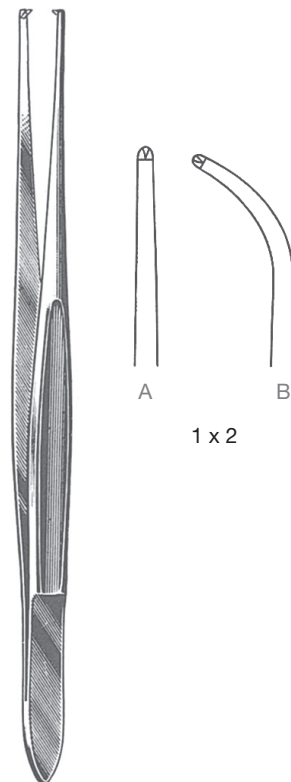
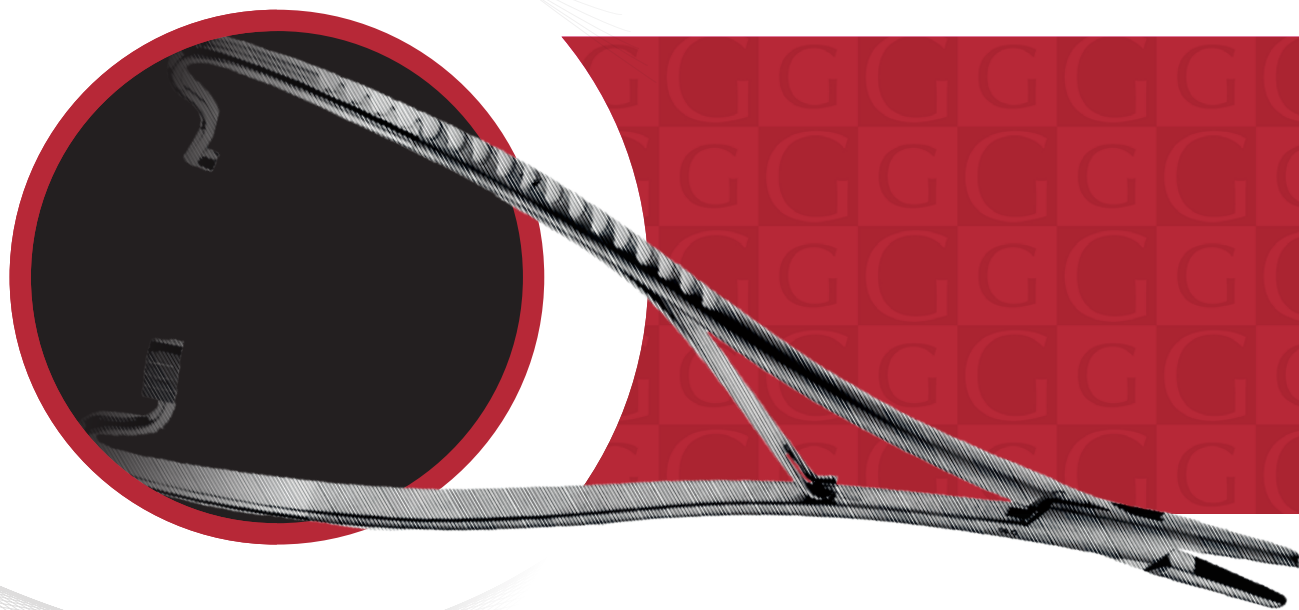
**Cushing**

Fig.	Art.-No.		Length
A	10-2220	straight	17.5 cm / 6½"
B	10-2221	curved	17.5 cm / 6½"



Needle Holders | Wire Twisters and Pliers







TC-Insert Styles	Insert	0/0	1/0	2/0	3/0	4/0	5/0	6/0	7/0	8/0	9/0	10/0	11/0
Sapphire™ 	Sapphire™	-	-	-	-	-	X	X	X	-	-	-	-
Smooth (S)	smooth	-	-	-	-	-	-	-	-	-	X	X	X
Micro (M)	0,20-0,30 mm	-	-	-	-	-	-	X	X	X	X	X	-
Fine (F)	0,40 mm	-	-	-	-	X	X	X	-	-	-	-	-
Standard (N)	0,50 mm	-	-	X	X	-	-	-	-	-	-	-	-
Coarse (C)	0,65 mm	X	X	-	-	-	-	-	-	-	-	-	-

TC-Insert Styles

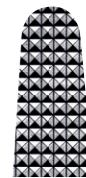
Serration pitch



(S) Smooth
0 teeth PSI



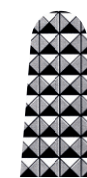
(M) Micro
16000 teeth PSI
0.2 – 0.3 mm



(F) Fine
4000 teeth PSI
0.4 mm



(N) Standard
2600 teeth PSI
0.5 mm



(C) Coarse
1500 teeth PSI
0.65 mm



24-0360



24-0132



24-0350



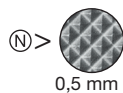
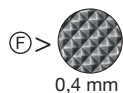
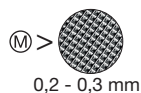
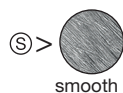
24-0311

DeBakey

Art.-No.	length cm / "	Insert / Tip
24-0360	18.0/7	Ⓕ 1,5 mm
24-0361	20.0/8	Ⓕ 1,5 mm
24-0362	23.0/9	Ⓕ 1,5 mm
24-0363	26.0/10¼	Ⓕ 1,5 mm
24-0364	30.0/11¾	Ⓕ 1,5 mm

Titanium

Art.-No.	length cm / "	Insert / Tip
24-0360.TI	18.0/7	Ⓕ 1,5 mm
24-0361.TI	20.0/8	Ⓕ 1,5 mm
24-0363.TI	25.0/10	Ⓕ 1,9 mm



Micro

(DeBakey delicate)

Art.-No.	length cm / "	Insert / Tip
24-0350	15.0/6	Ⓜ 1,2 mm
24-0351	18.0/7	Ⓜ 1,2 mm
24-0352	20.0/8	Ⓜ 1,2 mm
24-0353	23.0/9	Ⓜ 1,2 mm



Mayo-Hegar

Art.-No.	length cm / "	Insert / Tip
24-0129	14.0/5½	Ⓝ 2,0 mm
24-0130	16.0/6¼	Ⓝ 2,5 mm
24-0131	18.0/7	Ⓝ 2,7 mm
24-0132	20.0/8	Ⓝ 2,7 mm
24-0133	24.0/9½	Ⓝ 2,7 mm
24-0134	26.0/10¼	Ⓝ 2,7 mm
24-0135	30.0/11¾	Ⓝ 2,7 mm

Titanium

Art.-No.	length cm / "	Insert / Tip
24-0130.TI	16.0/6¼	Ⓝ 2,5 mm
24-0131.TI	18.0/7	Ⓝ 2,7 mm
24-0132.TI	20.0/8	Ⓝ 2,7 mm



Crile-Wood

Art.-No.	length cm / "	Insert / Tip
24-0310	15.0/6	Ⓕ 2,0 mm
24-0311	18.0/7	Ⓕ 2,0 mm
24-0312	20.0/8	Ⓕ 2,0 mm
24-0313	23.0/9	Ⓕ 2,0 mm
24-0314	26.0/10¼	Ⓕ 2,0 mm
24-0315	30.0/11¾	Ⓕ 2,0 mm
24-0308	15.0/6	Ⓢ 1,7 mm





24-0331

24-0510

24-0501

24-0500

24-0536



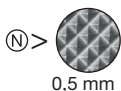
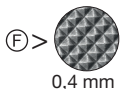
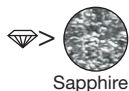


Bavaria

Art.-No.	length cm / "	Insert / Tip
24-0510	23.0/9	Ⓝ 2,1 mm
24-0512	26.0/10¼	Ⓝ 2,1 mm

Ideally for larger needles and procedures demanding superior needle control.

SAPPHIRE™
Enhanced Needle Grip Surface



Sarot

Art.-No.	length cm / "	Insert / Tip
24-0331	18.0/7	ⓕ 1,9 mm
24-0332	20.0/8	ⓕ 1,9 mm
24-0333	23.0/9	ⓕ 1,9 mm
24-0334	26.0/10¼	ⓕ 1,9 mm

Geister

Art.-No.	length cm / "	Insert / Tip
24-0496	13.0/5	Ⓢ 1,2 mm
24-0498	16.5/6½	Ⓢ 1,2 mm
24-0500	18.0/7	Ⓢ 1,2 mm
24-0502	20.0/8	Ⓢ 1,2 mm
24-0504	23.0/9	Ⓢ 1,2 mm
24-0506	25.0/10	Ⓢ 1,2 mm

Titanium

Art.-No.	length cm / "	Insert / Tip
24-0530	12.5/5	Ⓢ 1,2 mm
24-0532	14.5/5¾	Ⓢ 1,2 mm
24-0534	17.5/7	Ⓢ 1,2 mm
24-0536	20.0/8	Ⓢ 1,2 mm
24-0538	22.5/8¾	Ⓢ 1,2 mm

For a secure but gentle grip of needles and sutures without damage.

Ryder-Geister, Sapphire™

Art.-No.	length cm / "	Insert / Tip
24-0497	13.0/5	Ⓢ 1,2 mm
24-0499	17.0/6¾	Ⓢ 1,2 mm
24-0501	18.0/7	Ⓢ 1,2 mm
24-0503	19.0/7½	Ⓢ 1,2 mm
24-0505	23.0/9	Ⓢ 1,2 mm
24-0507	25.0/10	Ⓢ 1,2 mm



Needle Holders

24-0343

24-0348

24-0401

24-0414

24-0322

24-0446



French Eye, delicate



Art.-No.	length cm / "	Insert / Tip
24-0346	13.0/5	Ⓕ 1,7 mm
24-0348	13.0/5	Ⓖ 1,7 mm
24-0347	15.0/6	Ⓕ 1,7 mm
24-0349	15.0/6	Ⓖ 1,7 mm

French-Eye



Art.-No.	length cm / "	Insert / Tip
24-0341	16.0/6¼	Ⓕ 2,1 mm
24-0342	18.0/7	Ⓕ 2,1 mm
24-0343	20.0/8	Ⓕ 2,1 mm
24-0344	24.0/9½	Ⓕ 2,1 mm
24-0345	26.0/10¼	Ⓕ 2,1 mm

Mini-Ryder

Art.-No.	length cm / "	Insert / Tip
24-0410	12.0/4¾	Ⓜ 1,2 mm
24-0412	15.0/6	Ⓜ 1,2 mm
24-0413	18.0/7	Ⓜ 1,2 mm
24-0414	20.0/8	Ⓜ 1,2 mm
24-0415	23.0/9	Ⓜ 1,2 mm

Titanium

Art.-No.	length cm / "	Insert / Tip
24-0410.TI	12.0/4¾	⬠ 1,2 mm
24-0412.TI	16.0/6¼	⬠ 1,8 mm
24-0413.TI	18.0/7	⬠ 1,8 mm
24-0414.TI	20.0/8	⬠ 1,8 mm



Lemmon



Art.-No.	length cm / "	Insert / Tip
24-0400	14.5/5¾	Ⓜ 1,6 mm
24-0401	17.0/6¾	Ⓜ 1,6 mm
24-0402	19.5/7¾	Ⓜ 1,6 mm

Eufrate-Pasqué



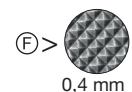
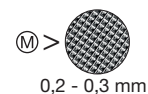
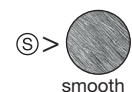
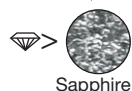
Art.-No.	length cm / "	Insert / Tip
24-0444	14.0/5 ½	Ⓜ 1,2 mm
24-0445	15.0/6	Ⓜ 1,2 mm
24-0446	18.0/7	Ⓜ 1,2 mm
24-0447	20.0/8	Ⓜ 1,2 mm
24-0439	14.0/5 ½	Ⓖ 1,2 mm
24-0440	15.0/6	Ⓖ 1,2 mm
24-0441	18.0/7	Ⓖ 1,2 mm
24-0442	20.0/8	Ⓖ 1,2 mm

Ryder



Art.-No.	length cm / "	Insert / Tip
24-0322	180/7	Ⓕ 1,9 mm
24-0323	200/8	Ⓕ 1,9 mm
24-0324	230/9	Ⓕ 1,9 mm
24-0325	260/10¼	Ⓕ 1,9 mm

SAPPHIRE™
Enhanced Needle Grip Surface





Needle Holders





Giannini, Heavy

with ratchet

Art.-No.	length cm / "	Insert / Tip
24-0258	26.0/10¼	ⓕ 1,9 mm



Giannini

with ratchet

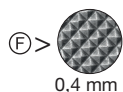
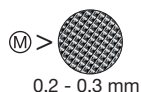
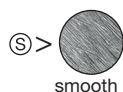
Art.-No.	length cm / "	Insert / Tip
24-0255	24.0/9½	Ⓜ 1,3 mm



Hepp-Scheidel

with ratchet

Art.-No.	length cm / "	Insert / Tip
24-0250	13.0/5	Ⓢ 1,2 mm
24-0252	13.0/5	Ⓜ 1,2 mm
03-0270	18.0/7	Ⓜ 1,2 mm



Diethrich

with ratchet

Art.-No.	length cm / "	Insert / Tip
24-0421	18.0/7	Ⓜ 1,2 mm
24-0422	20.0/8	Ⓜ 1,2 mm
24-0423	23.0/9	Ⓜ 1,2 mm



Streamline Fairgrip™ ultra

with ratchet

Fig.	Art.-No.	length cm / "	Insert / Tip
A	24-1140	18.0/7	Ⓜ 1,2 mm
A	24-1150	21.0/8¼	Ⓜ 1,2 mm
A	24-1160	23.0/9	Ⓜ 1,2 mm
B	24-1141	18.0/7	Ⓜ 1,2 mm
B	24-1151	21.0/8¼	Ⓜ 1,2 mm
B	24-1161	23.0/9	Ⓜ 1,2 mm



Castroviejo

with ratchet

Fig.	Art.-No.	length cm / "	Insert / Tip
C	24-0200	14.5/5¾	Ⓢ 1,2 mm
C	24-0220	14.5/5¾	Ⓜ 1,2 mm
D	24-0201	14.5/5¾	Ⓢ 1,2 mm
D	24-0221	14.5/5¾	Ⓜ 1,2 mm
C	24-0204	18.0/7	Ⓢ 1,2 mm
C	24-0224	18.0/7	Ⓜ 1,2 mm
D	24-0205	18.0/7	Ⓢ 1,2 mm
D	24-0225	18.0/7	Ⓜ 1,2 mm
C	24-0208	22.0/8¾	Ⓢ 1,2 mm
C	24-0228	22.0/8¾	Ⓜ 1,2 mm
D	24-0209	22.0/8¾	Ⓢ 1,2 mm
D	24-0229	22.0/8¾	Ⓜ 1,2 mm



Needle Holders

24-0830



24-0763



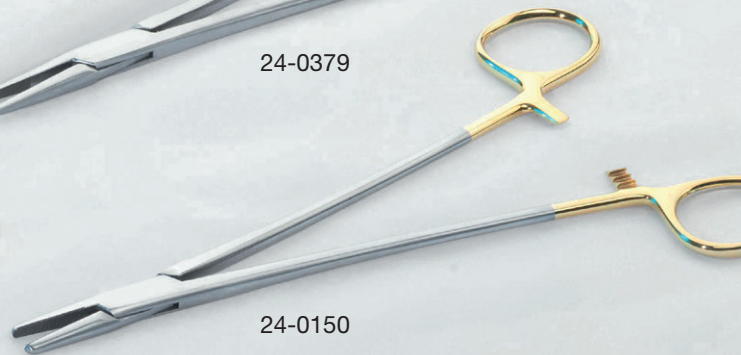
24-0764



24-0379



24-0150





Hegar

Art.-No.	length cm / "	Insert / Tip
24-0150	20.0/8	Ⓝ 3,5 mm
24-0151	24.0/9½	Ⓝ 3,5 mm



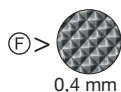
Masson

Art.-No.	length cm / "	Insert / Tip
24-0830	26.5/10 ½	Ⓝ 3,2 mm

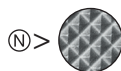


Wangenstein

Art.-No.	length cm / "	Insert / Tip
24-0379	27.0/10½	Ⓢ 2,4 mm



0,4 mm



0,5 mm

Crile-Wood

with extended ring

Art.-No.	length cm / "	Insert / Tip
24-0762	20.0/8	Ⓢ 2,0 mm
24-0764	22.0/8¾	Ⓢ 2,0 mm
24-0766	24.0/9½	Ⓢ 2,0 mm



DeBakey

with extended ring

Art.-No.	length cm / "	Insert / Tip
24-0761	17.0/6¾	Ⓢ 1,7 mm
24-0763	20.0/8	Ⓢ 1,7 mm
24-0767	25.0/10	Ⓢ 1,7 mm



Needle Holders





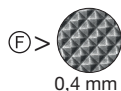
Heaney

Art.-No.	length cm / "	Insert / Tip
24-0145	21.0 / 8¼	⊕ 2,6 mm
24-0146	24.0 / 9½	⊕ 2,6 mm
24-0147	27.0 / 10½	⊕ 2,6 mm

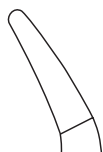


Bozemann-Finochietto

Art.-No.	length cm / "	Insert / Tip
24-0158	20.0 / 8	⊕ 2,5 mm
24-0159	27.0 / 10½	⊕ 2,5 mm



0,4 mm



Finochietto

Art.-No.	length cm / "	Insert / Tip
24-0148	21.0 / 8¼	⊕ 2,5 mm
24-0149	27.0 / 10½	⊕ 2,5 mm



Crile-Wood

curved

Art.-No.	length cm / "	Insert / Tip
24-0316	15.0 / 6	⊕ 1,8 mm
24-0317	18.0 / 7	⊕ 1,8 mm
24-0318	20.0 / 8	⊕ 1,8 mm
24-0319	23.0 / 9	⊕ 2,0 mm



Needle Holders

24-0140



24-0156



24-0370



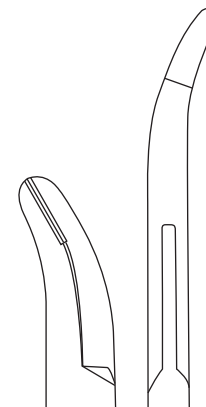
24-0371





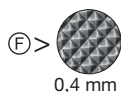
Masson-Luethy

Art.-No.	length cm / "	Insert / Tip
24-0156	20.0/8	Ⓝ 2,5 mm
24-0157	26.0/10¼	Ⓝ 2,5 mm

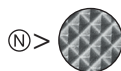


Stratte, reverse

Art.-No.	length cm / "	Insert / Tip
24-0373	20.5/8	Ⓢ 2,7 mm
24-0371	23.5/9¼	Ⓢ 2,7 mm



0,4 mm

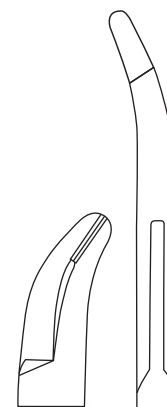


0,5 mm



Bozemann

Art.-No.	length cm / "	Insert / Tip
24-0140	20.0/8	Ⓝ 2,5 mm
24-0141	23.0/9	Ⓢ 2,5 mm
24-0142	26.0/10¼	Ⓢ 2,5 mm
24-0143	29.0/11½	Ⓢ 2,5 mm



Stratte

Art.-No.	length cm / "	Insert / Tip
24-0372	20.5/8	Ⓢ 2,5 mm
24-0370	23.5/9¼	Ⓢ 2,5 mm



Needle Holders





Baumgartner

Art.-No.	length cm / "	Insert / Tip
24-0302	13.0/5	Ⓝ 2,6 mm



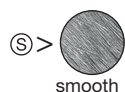
Derf

Art.-No.	length cm / "	Insert / Tip
24-0305	12.0/4¾	ⓕ 1,4 mm

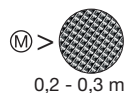


Swedish

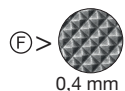
Art.-No.	length mm / "	Insert / Tip
24-0490	14.0/5½	ⓕ 1,7 mm



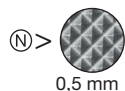
smooth



0,2 - 0,3 mm



0,4 mm



0,5 mm



Webster

Art.-No.	length cm / "	Insert / Tip
24-0292	12.0/4¾	Ⓢ 1,4 mm
24-0291	12.0/4¾	Ⓜ 1,4 mm



Halsey

Art.-No.	length cm / "	Insert / Tip
24-0301	13.0/5	ⓕ 1,5 mm

Titanium

Art.-No.	length cm / "	Insert / Tip
24-0301.TI	13.0/5	ⓕ 1,8 mm



Crile-Wood-Baby

Art.-No.	length cm / "	Insert / Tip
24-0307	15.0/6	ⓕ 1,7 mm

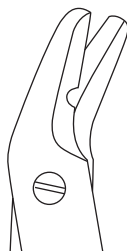
Titanium

Art.-No.	length mm / "	Insert / Tip
24-0307.TI	16.0/6 ¼	ⓕ 1,7 mm



Needle Holders, Cutters





Universal TC Wire Cutter

Art.-No.	length cm / "
26-0140	12.0/4¾

Olsen-Hegar mini

with cutting edge

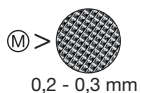


Art.-No.	length cm / "	Insert / Tip
24-0160	12.0/4¾	ⓕ 1,8 mm
24-0161	14.0/5½	ⓕ 1,8 mm
24-0162	17.0/6¾	ⓕ 1,8 mm

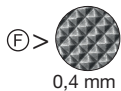


Kilner

Art.-No.	length cm / "	Insert / Tip
24-0303	14.0/5½	ⓕ 1,6 mm



0,2 - 0,3 mm



0,4 mm



Neivert

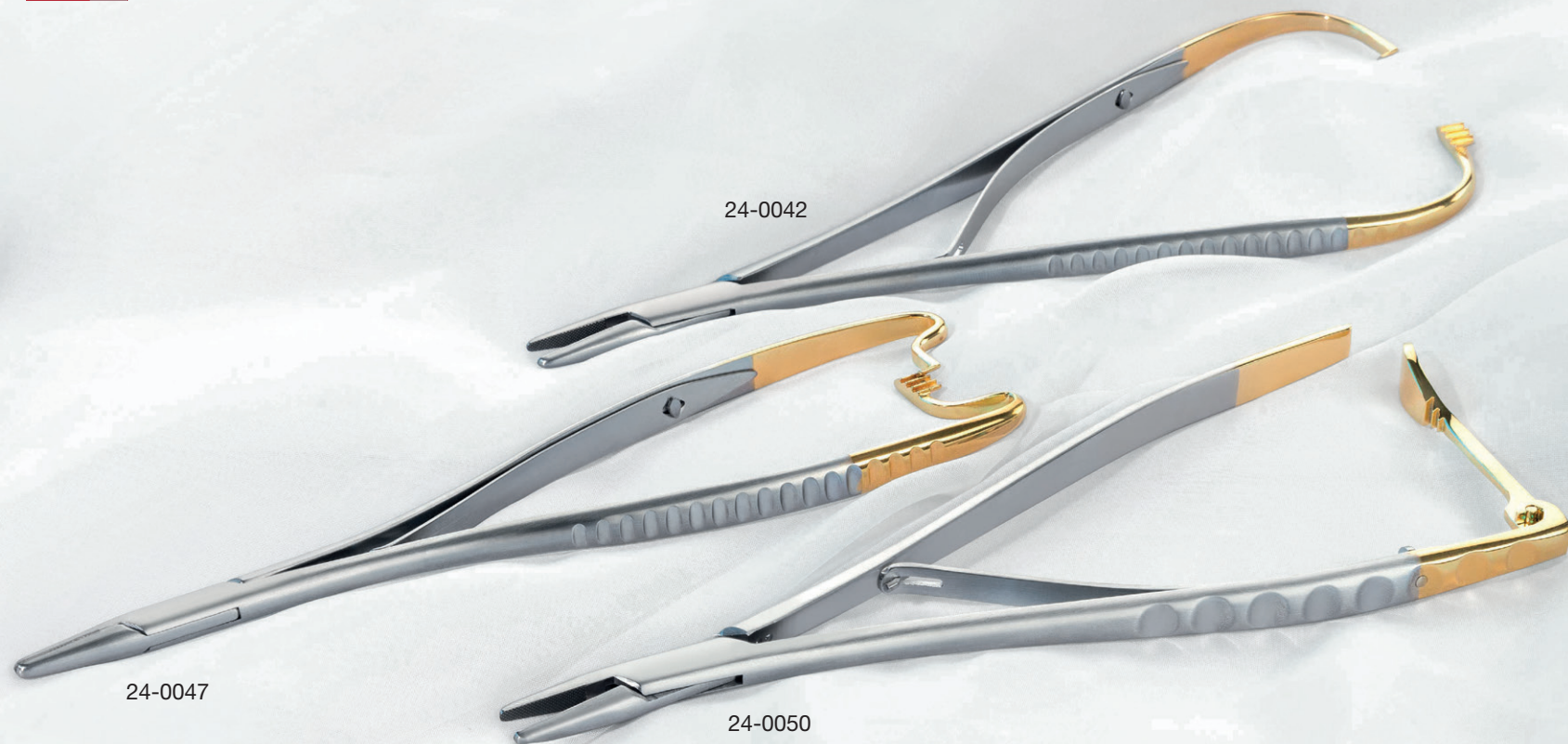
Art.-No.	length cm / "	Insert / Tip
24-0304	13.0/5	Ⓜ 1,7 mm

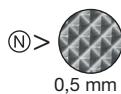
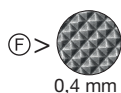


Gillies

with cutting edge

Art.-No.	length cm / "	Insert / Tip
24-0167	16.0/6¼	ⓕ 2,2 mm





Zweifel

Art.-No.	length cm / "	Insert / Tip
24-0050	20.0 / 8	Ⓝ 2,9 mm



Mathieu

Art.-No.	length cm / "	Insert / Tip
24-0040	14.0 / 5½	ⓕ 2,4 mm
24-0041	17.0 / 6¾	Ⓝ 2,4 mm
24-0042	20.0 / 8	Ⓝ 2,4 mm



Internal ratchet

Art.-No.	length cm / "	Insert / Tip
24-0046	17.0 / 6¾	Ⓝ 2,9 mm
24-0047	20.0 / 8	Ⓝ 2,9 mm
24-0048	23.0 / 9	ⓕ 2,9 mm



Needle Holders Left-Hand



24-7561.LH

24-7532.LH

24-7552.LH

24-7582.LH



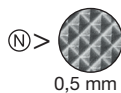
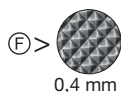
Left-hand, Mayo-Hegar

Art.-No.	length cm / "	Insert / Tip
24-7530.LH	16.0/6¼	Ⓕ 2,3 mm
24-7531.LH	19.0/7½	Ⓖ 2,3 mm
24-7532.LH	20.0/8	Ⓖ 2,5 mm



Left-hand, Baumgartner

Art.-No.	length cm / "	Insert / Tip
24-7582.LH	13.0/5	Ⓕ 2,2 mm



Left-hand, French-Eye

Art.-No.	length cm / "	Insert / Tip
24-7560.LH	16.0/6¼	Ⓕ 1,9 mm
24-7561.LH	18.0/7	Ⓕ 1,9 mm



Left-hand, DeBakey

Art.-No.	length cm / "	Insert / Tip
24-7550.LH	18.0/7	Ⓕ 2,0 mm
24-7552.LH	23.0/9	Ⓕ 2,0 mm
24-7553.LH	26.0/10¼	Ⓕ 2,0 mm
24-7554.LH	30.0/11¼	Ⓕ 2,0 mm



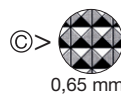
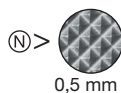
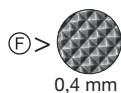
24-0119



24-0128



24-0127



Illustrations not 1:1



Berry

Art.-No.	length cm / "	Insert / Tip
24-0119	18.0/7	(N) 5,3 mm



Heavy Berry

Wire Twister with TC-Inserts

Art.-No.	length cm / "	Insert / Tip
24-0127	20.0/8	(C) 6,0 mm



Rubio

Mini Wire Twister with TC-Inserts

Art.-No.	length cm / "	Insert / Tip
24-0128	13.0/5	(F) 4,8 mm

bold = shown



Wire Twisters, Wire Pliers



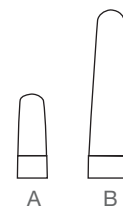
24-0125



24-0981

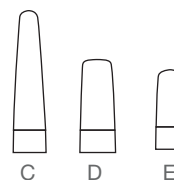


24-0110



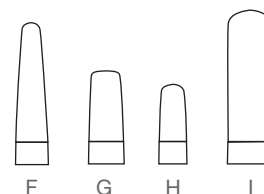
Mathieu-Style

Fig.	Art.-No.	length cm / "	Insert / Tip
A	24-0980	17.0/6 ¾	Ⓝ 4,0 mm
B	24-0981	20.0/8	Ⓝ 4,0 mm



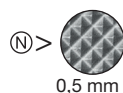
Wire Twister

Fig.	Art.-No.	length cm / "	Insert / Tip
C	24-0130	16.0/6¼	Ⓝ 2,5 mm
D	24-0125	15.5/6	Ⓝ 4,0 mm
D	24-0126	18.0/7	Ⓝ 4,0 mm
E	24-0120	15.5/6	Ⓝ 3,0 mm
E	24-0121	18.0/7	Ⓝ 3,0 mm



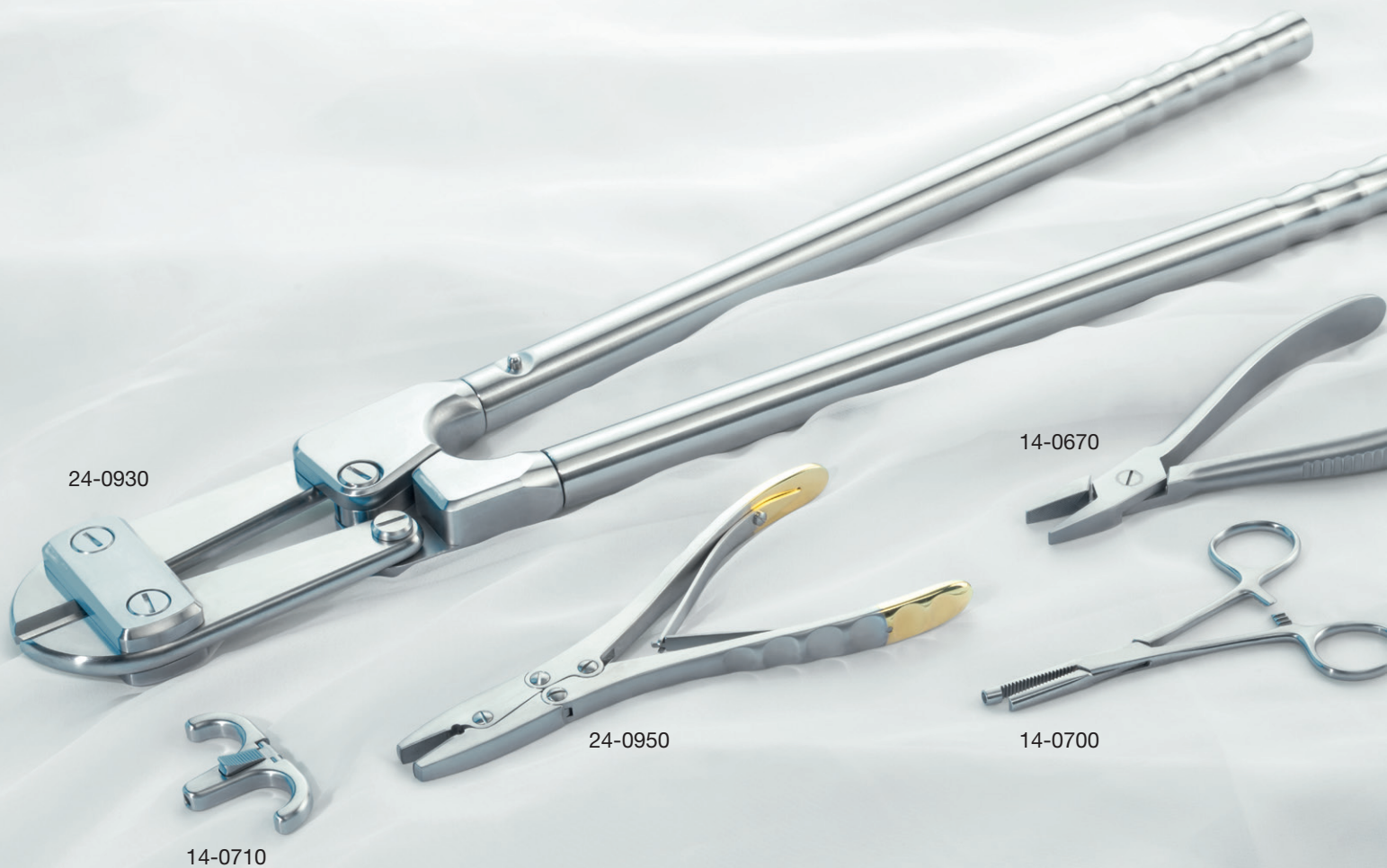
Automatic

Fig.	Art.-No.	length cm / "	Insert / Tip
F	24-0110	16.0/6¼	Ⓝ 2,5 mm
G	24-0105	15.5/6	Ⓝ 4,0 mm
H	24-0100	15.5/6	Ⓝ 3,0 mm
I	24-0115	18.0/7	Ⓝ 5,3 mm



Illustrations not 1:1

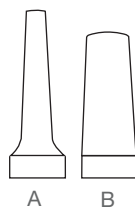
bold = shown





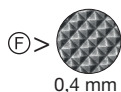
Wire Pliers

Art.-No.	length cm / "
14-0670	17.0/6 ¾



Wire-Twister

Fig.	Art.-No.	length cm / "	Insert / Tip
A	24-0956	18.0/7	Ⓕ 2,0 mm
B	24-0950	18.0/7	Ⓕ 6,0 mm



Wire Holding Forceps

Art.-No.	length cm / "
14-0700	13.0/5

Wire Cutting Pliers

Art.-No.	length cm / "	Wire max. Ø
24-0930	57.0/22½	6,35 mm

The handles are quickly removable for sterilization

Izzat Wire-Grip

Art.-No.	Wire max. Ø
14-0710	1,3 mm



24-0920



14-0675



24-0905



24-0940

Cutter

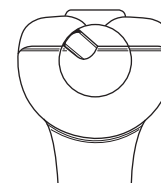
Art.-No.	length cm / "	Wire max. Ø
24-0931	18.0/7	2,2 mm
24-0932	20.0/8	1,5 mm

Midi Cutter

Art.-No.	length cm / "	Wire max. Ø
24-0906	18.0/7	1,5 mm
24-0905	20.0/8¼	1,5 mm

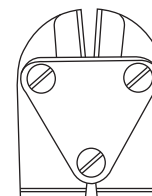
Maxi Cutter

Art.-No.	length cm / "	Wire hard max. Ø
24-0910	17.5/7	1,5 mm
24-0912	18.0/7	1,5 mm
24-0920	22.0/8¾	2,2 mm



Wire Pliers

Art.-No.	length cm / "
14-0675	16.0/6 ¼



Power Cutter

Art.-No.	length cm / "	Wire max. Ø
24-0940	23.0/9	3,5 mm



24-8131



24-8143



24-8160



Mayo-Hegar



Art.-No.	length cm / "	Tip
24-8142	16.0/6¼	2,7 mm
24-8143	19.0/7½	2,7 mm
24-8144	20.0/8	3,0 mm
24-8145	24.0/9½	3,0 mm
24-8146	27.0/10½	3,0 mm



Crile-Wood

Art.-No.	length cm / "	Tip
24-8131	15.0/6	2,0 mm



Adson

Art.-No.	length cm / "	Tip
24-8160	18.0/7	3,0 mm



Needle Holders without TC-Inserts



24-8111



24-8171



24-8115



24-8101



Derf

Art.-No.	length cm / "	Tip
24-8101	12.0/4¾	2,0 mm



Baumgartner

Art.-No.	length cm / "	Tip
24-8115	13.0/5	2,5 mm



Webster

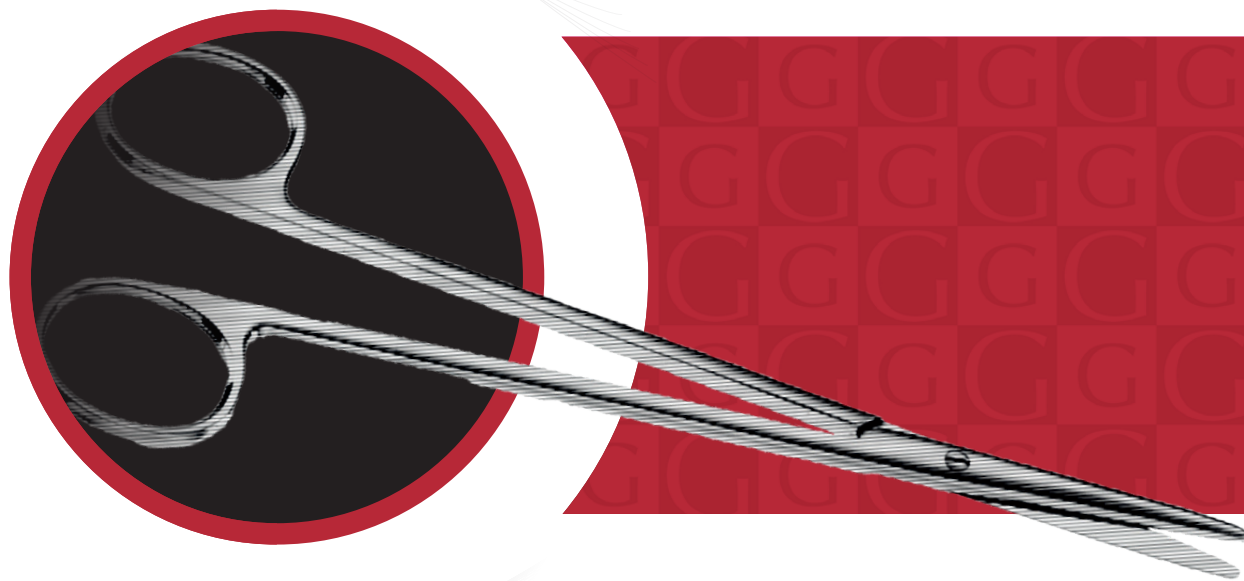
plain

Art.-No.	length cm / "	Tip
24-8111	13.0/5	2,2 mm



Mathieu

Art.-No.	length cm / "	Tip
24-8170	14.0/5½	2,4 mm
24-8171	17.0/6¾	2,4 mm
24-8172	20.0/8	2,4 mm

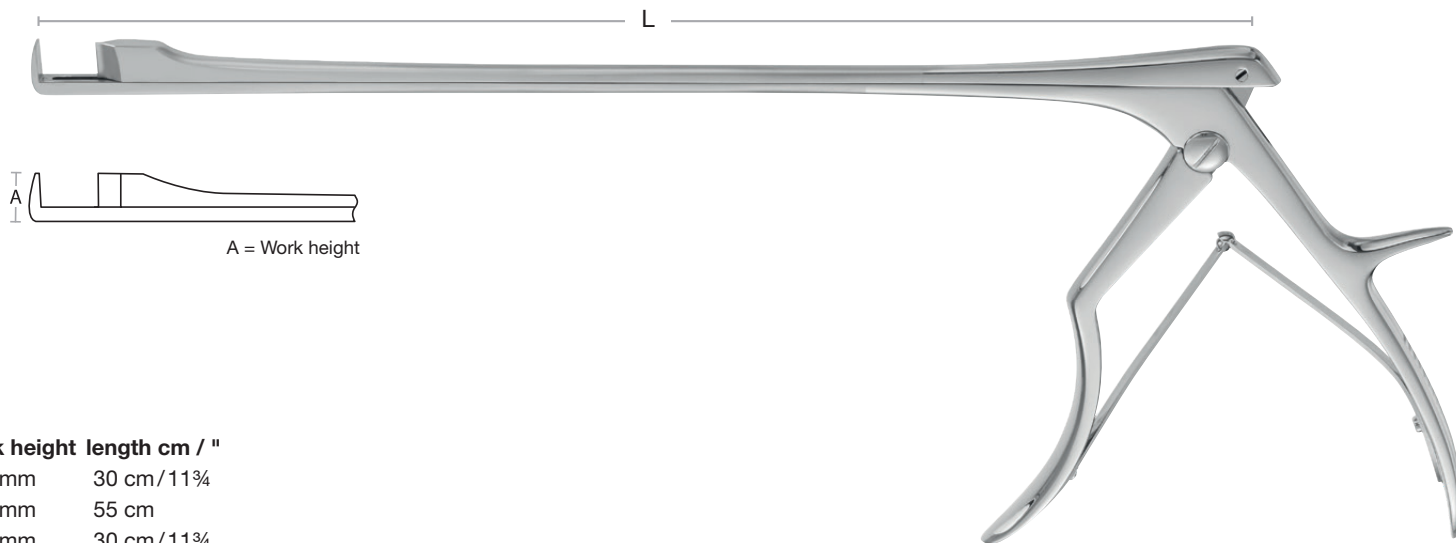


**Scissors | Rib Shears | Wire Saws
Bone Biting Rongeurs**





Rib Shears

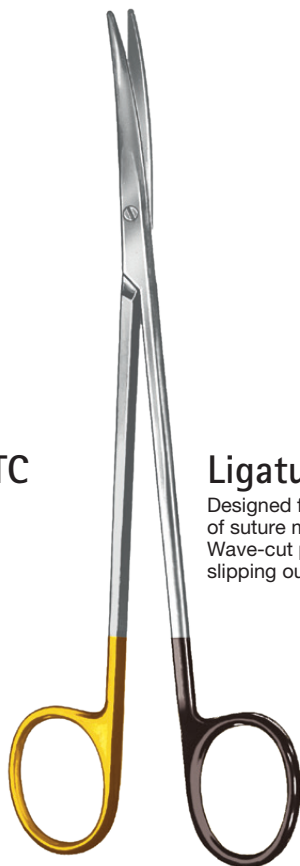


Art.-No.	Work height	length cm / "
40-0290	14,5 mm	30 cm / 11¾
40-0290L	14,5 mm	55 cm
40-0293	24,5 mm	30 cm / 11¾



Toennis-Adson TC

Extra delicate scissors
with slightly curved edges.



Ligature TC

Designed for cutting
of suture materials.
Wave-cut prevents
slipping out.



Metzenbaum TC

S-curved SH/BL

Toennis-Adson TC

Art.-No. **length cm / "**

fino

26-0118 17.5/7

26-0118.23 23.0/9

superfino

26-0116 17.5/7

Ligature TC

y-shanks

Art.-No. **length cm / "**

26-0498 14.0/5

26-0500 18.0/7

26-0501 23.0/9

26-0502 25.0/10

Ligature TC

straight shanks

Art.-No. **length cm / "**

26-0500G 17.5/7

26-0501G 23.0/9

26-0502G 25.0/10

Metzenbaum TC

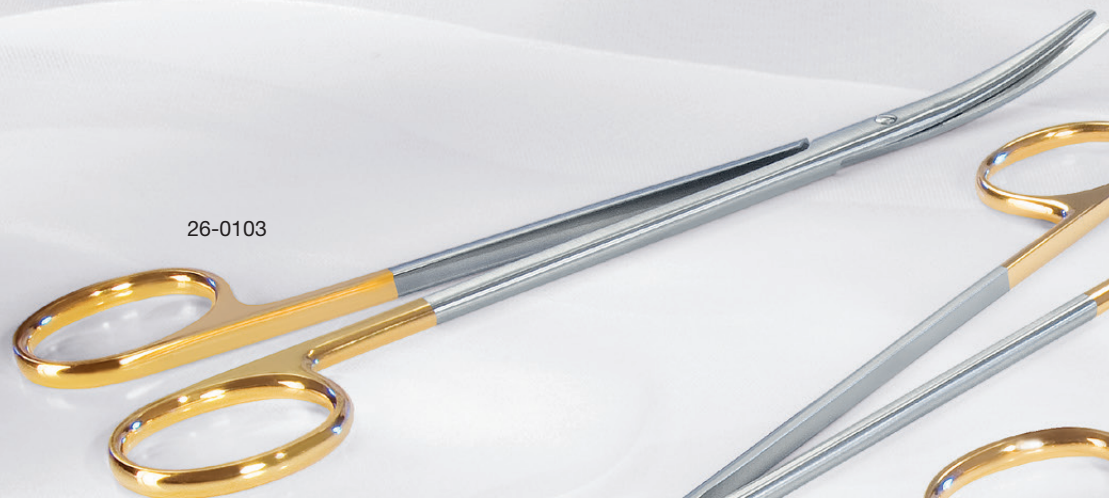
Art.-No. **length cm / "**

26-0119 14.5/5½"



Scissors with TC-edges

26-0103



26-0122



Scissors with TC-edges

GEISTER®

26-0102



26-0123

**Metzenbaum TC****straight**

Art.-No.	length cm / "
26-0100	14.0/5
26-0102	18.0/7
26-0104	20.0/8

curved

Art.-No.	length cm / "
26-0101	14.0/5
26-0103	18.0/7
26-0105	20.0/8

Nelson Metzenbaum TC**straight**

Art.-No.	length cm / "
26-0106	23.0/9
26-0108	25.0/10
26-0110	28.0/11
26-0112	30.0/12

curved

Art.-No.	length cm / "
26-0107	23.0/9
26-0109	25.0/10
26-0111	28.0/11
26-0113	31.0/12¼
26-0115	36.0/14¼

Metzenbaum Fino TC (delicate)**straight**

Art.-No.	length cm / "
26-0120	14.0/5
26-0122	18.0/7
26-0124	20.0/8
26-0126	23.0/9

curved

Art.-No.	length cm / "
26-0121	14.0/5
26-0123	18.0/7
26-0125	20.0/8
26-0127	23.0/9
26-0129	26.0/10
26-0131	28.0/11



Scissors with TC-edges



blunt/blunt



sharp/blunt



sharp/sharp

Standard TC

straight

blunt/blunt Art.-No.	sharp/blunt Art.-No.	sharp/sharp Art.-No.	Length cm / "
26-0010	26-0011	26-0012	14.5 / 5¾

curved

blunt/blunt Art.-No.	sharp/blunt Art.-No.	sharp/sharp Art.-No.	Length cm / "
26-0013	26-0014	26-0015	14.5 / 5¾

Metzenbaum Fino TC

pointed

straight Art.-No.	curved Art.-No.	Length cm / "
26-0180	26-0181	14 / 5½
26-0182	26-0183	18 / 7
26-0184	26-0185	20 / 8
26-0186	26-0187	23 / 9

Standard TC



Metzenbaum-Fino TC pointed



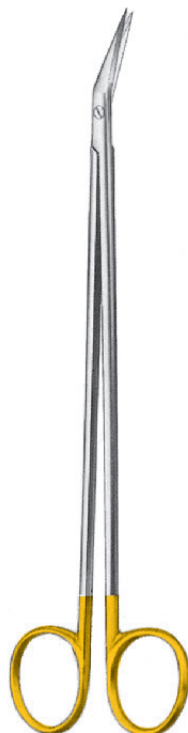
Scissors with TC-edges

GEISTER®

DeBakey TC



Potts-Smith TC



Mayo-Stille TC



DeBakey TC

25° ✂	45° ✂	60° ✂	
Art.-No.	Art.-No.	Art.-No.	length cm / "
26-0210	26-0215	26-0220	17 / 6½
26-0211	26-0216	26-0221	23 / 9
26-0212	26-0217	26-0222	28 / 11

Potts-Smith TC

25° ✂	45° ✂	60° ✂	
Art.-No.	Art.-No.	Art.-No.	length cm / "
26-0200	26-0201	26-0202	19 / 7½

Mayo-Stille TC

straight	curved	
Art.-No.	Art.-No.	length cm / "
26-0030	26-0031	15 / 6
26-0032	26-0033	17 / 6½



Mayo TC

Mayo-Lexer TC

Mayo TC

straight

Art.-No. **length cm / "**

26-0020 14.0/5

26-0022 17.5/6½

26-0025 23.0/9

curved

Art.-No. **length cm / "**

26-0021 14.0/5

26-0023 17.5/6½

26-0026 23.0/9

Mayo-Lexer TC

straight

Art.-No. **length cm / "**

26-0040 16.0/6¼

26-0042 21.0/8¼

curved

Art.-No. **length cm / "**

26-0041 16.0/6¼

26-0043 21.0/8¼



Iris TC

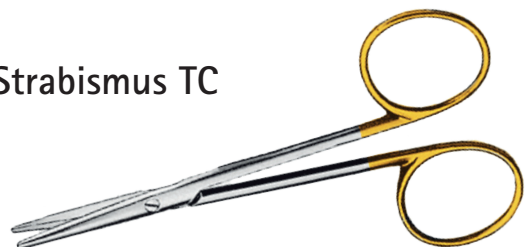


Universal TC

Wire Cutter



Strabismus TC



Goldman-Fox TC

**Iris TC**

Art.-No.	length cm / "	
26-0150	11.0/4	straight
26-0151	11.0/4	curved

Strabismus TC

Art.-No.	length cm / "	
26-0155	11.0/4	straight
26-0156	11.0/4	curved

Universal TC, Wire Cutter

Art.-No.	length cm / "
26-0140	12.0/4½

Goldman-Fox TC

Art.-No.	length cm / "	
26-0160	13.0/5	straight
26-0161	13.0/5	curved



Ultra-sharp Dissecting Scissors



26-6217.ST

26-6201.ST

Ultra-sharp Dissecting Scissors

GEISTER®

**Experience the ultimate cutting performance!**

- top class product with special construction
- ultra-sharp edges for ultimate cutting performance
- smooth cutting action
- for fine as well as coarse tissue
- hardened for maximum durability and long lasting sharpness
- one shank gold plated for identification
- aseptic surface finish

Toennis-Adson-Superfino “ST”

Art.-No.	length cm / "
26-6148.ST curved	17.5/6½

Mayo-Stille “ST”

Art.-No.	Art.-No.	length cm / "
26-6132.ST straight	26-6133.ST curved	17.5/6½
26-6134.ST straight	26-6135.ST curved	19.0/7½

Metzenbaum “ST”

Art.-No.	Art.-No.	length cm / "
26-6190.ST straight	26-6200.ST curved	14.0/5½
26-6191.ST straight	26-6201.ST curved	18.0/7
26-6192.ST straight	26-6202.ST curved	20.0/8
26-6193.ST straight	26-6203.ST curved	23.0/9
26-6194.ST straight	26-6204.ST curved	25.0/10

Metzenbaum Fino “ST”

Art.-No.	Art.-No.	length cm / "
26-6208.ST straight	26-6209.ST curved	14.0/5½
26-6210.ST straight	26-6215.ST curved	18.0/7
26-6211.ST straight	26-6216.ST curved	20.0/8
26-6212.ST straight	26-6217.ST curved	23.0/9
26-6213.ST straight	26-6218.ST curved	25.0/10

26-6132.ST

26-6148.ST



Ultra-sharp Dissecting Scissors



26-6252.ST



26-6161.ST



26-6691.ST



Ultra-sharp Dissecting Scissors

GEISTER®



Suebisch Edge™
= "ST"



26-6172.ST

Stevens "ST"

Art.-No.		Art.-No.		length cm / "
26-6160.ST	straight	26-6161.ST	curved	12.5/5

Iris "ST"

Art.-No.		Art.-No.		length cm / "
26-6686.ST	straight	26-6687.ST	curved	10.5/4
26-6690.ST	straight	26-6691.ST	curved	12.5/5

Reynolds "ST"

Art.-No.		Art.-No.		length cm / "
26-6240.ST	straight	26-6250.ST	curved	13.0/5
26-6242.ST	straight	26-6252.ST	curved	15.0/6
26-6244.ST	straight	26-6254.ST	curved	18.0/7
26-6246.ST	straight	26-6256.ST	curved	20.0/8
26-6248.ST	straight	26-6258.ST	curved	23.0/9

Ragnell-Kilner "ST"

curved

Art.-No.	length cm / "	Art.-No.	length cm / "
26-6170.ST	12.5/5	26-6174.ST	18.0/7
26-6172.ST	15.0/6"	26-6176.ST	20.0/8



Dissecting Scissors



26-6201

26-6190

26-6217.SC

26-6201.SC

Dissecting Scissors

GEISTER®



26-6215



26-6210

Metzenbaum

Art.-No.	Art.-No.		Art.-No.	Art.-No.	length cm / "
26-6190	26-6190.SC	straight	26-6200	26-6200.SC	curved 14.0/5½
26-6191	26-6191.SC	straight	26-6201	26-6201.SC	curved 18.0/7
26-6192	26-6192.SC	straight	26-6202	26-6202.SC	curved 20.0/8
26-6193	26-6193.SC	straight	26-6203	26-6203.SC	curved 23.0/9
26-6194	26-6194.SC	straight	26-6204	26-6204.SC	curved 25.0/10
26-6195	26-6195.SC	straight	26-6205	26-6205.SC	curved 28.0/11
26-6196	26-6196.SC	straight	26-6206	26-6206.SC	curved 31.0/12¼

Metzenbaum Fino

Art.-No.	Art.-No.		Art.-No.	Art.-No.	length cm / "
26-6208	26-6208.SC	straight	26-6209	26-6209.SC	curved 14.0/5½
26-6210	26-6210.SC	straight	26-6215	26-6215.SC	curved 18.0/7
26-6211	26-6211.SC	straight	26-6216	26-6216.SC	curved 20.0/8
26-6212	26-6212.SC	straight	26-6217	26-6217.SC	curved 23.0/9
26-6213	26-6213.SC	straight	26-6218	26-6218.SC	curved 25.0/10
26-6214	26-6214.SC	straight	26-6219	26-6219.SC	curved 28.0/11

Metzenbaum Fino

delicate, pointed-pointed

Art.-No.	Art.-No.		Art.-No.	Art.-No.	length cm / "
26-6230	26-6230.SC	straight	26-6235	26-6235.SC	curved 18.0/7
26-6231	26-6231.SC	straight	26-6236	26-6236.SC	curved 20.0/8
26-6232	26-6232.SC	straight	26-6237	26-6237.SC	curved 23.0/9

Metzenbaum Fino

S-curved

Art.-No.	Art.-No.	length cm / "	Art.-No.	Art.-No.	length cm / "
26-6225	26-6225.SC	18.0/7	26-6228	26-6228.SC	25.0/10
26-6226	26-6226.SC	20.0/8	26-6229	26-6229.SC	28.0/11
26-6227	26-6227.SC	23.0/9			





SERVICE

As a manufacturer of premium Quality surgical products we are committed to give our customers the best possible Service and support, also beyond the sale.

We do more than sell Instruments by Standard catalog only. We are sensitive to physicians ideas and welcome innovative concepts that challenge our skill sets. We care and provide the most functional and state-of-the-art Solutions for individual Needs. This, together with direct Access to top Management Levels, 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.

Apart from manufacturing and supplying surgical Instruments and Equipment, we also offer the following Special Services: Instrument repairs (cost estimates provided upon request), Instrument maintenance and refurbishing, set Arrangements, inventorying of existing Instruments or sets, development of Special Instruments, CAD construction with SolidWorks 3D and MegaCAD 2D, prototyping, turnkey Projects, Consulting, machining of precision parts and components for Medicine and Industry, OEM manufacturing.



Hohenfellner



Hohenfellner

Fig.	Art.-No.	length cm / "
A	26-2510	18.0 / 7
B	26-2515	21.0 / 8¼
C	26-2520	24.0 / 9½

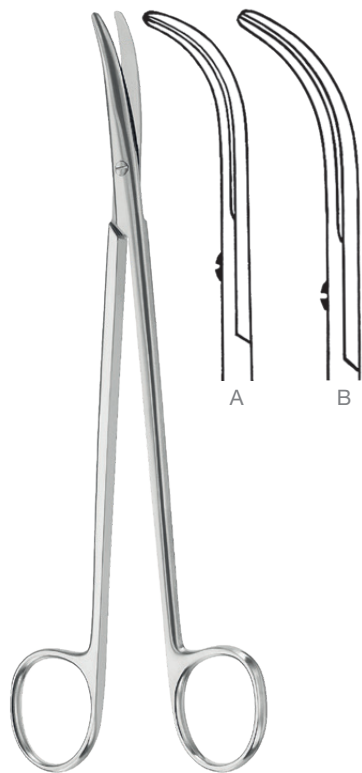
DeBakey

Fig.	Art.-No.	length cm / "
A	26-2530	20.0 / 8
B	26-2535	17.5 / 6½

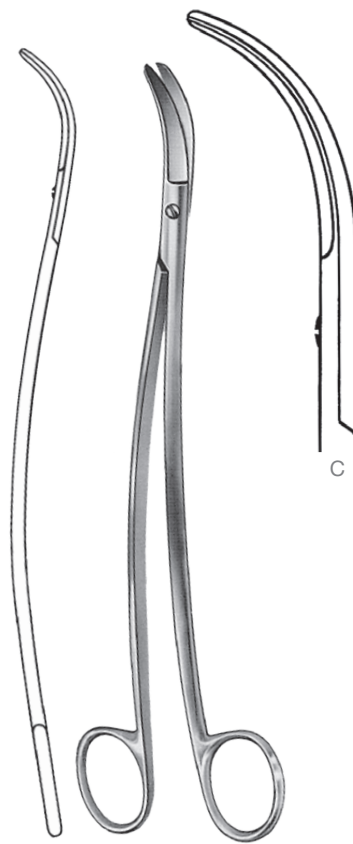
DeBakey



Thorek



Satinsky



Litwak

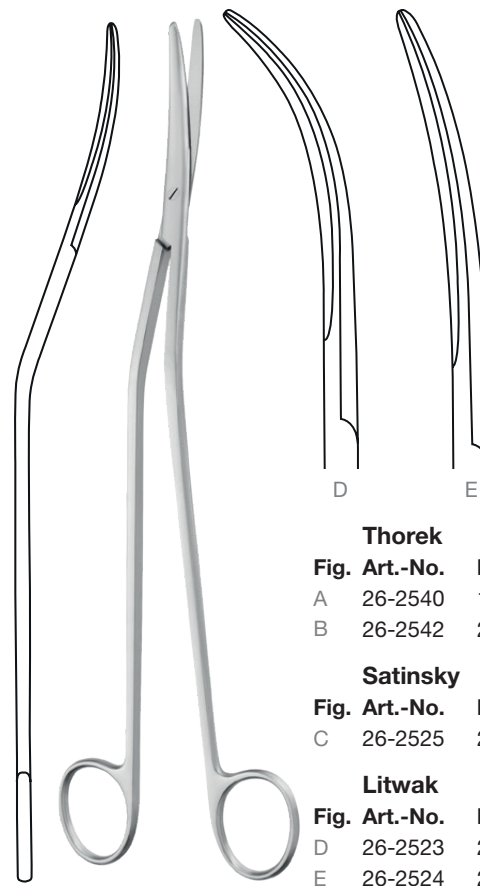
**Thorek**

Fig. Art.-No. length cm / "

A 26-2540 19.0/7½

B 26-2542 25.0/10

Satinsky

Fig. Art.-No. length cm / "

C 26-2525 24.5/9½

Litwak

Fig. Art.-No. length cm / "

D 26-2523 28.0/11 strongly curved

E 26-2524 28.0/11 slightly curved



Klingenberg-Loth

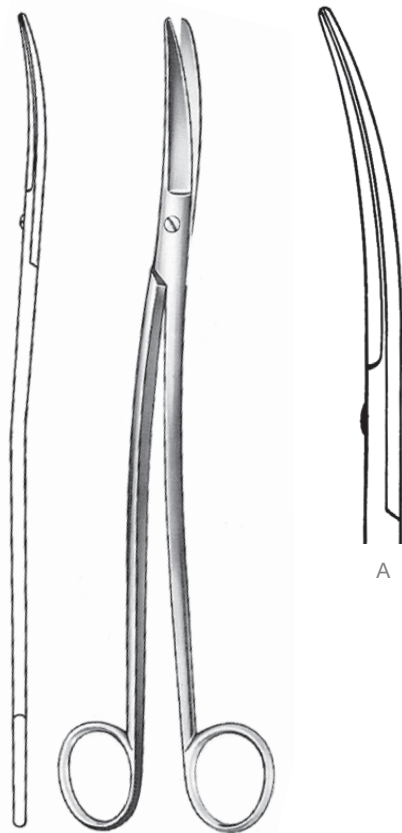
**Klingenberg-Loth**

Fig. Art.-No. length cm / "

A 26-2527 23.0/9

Wertheim

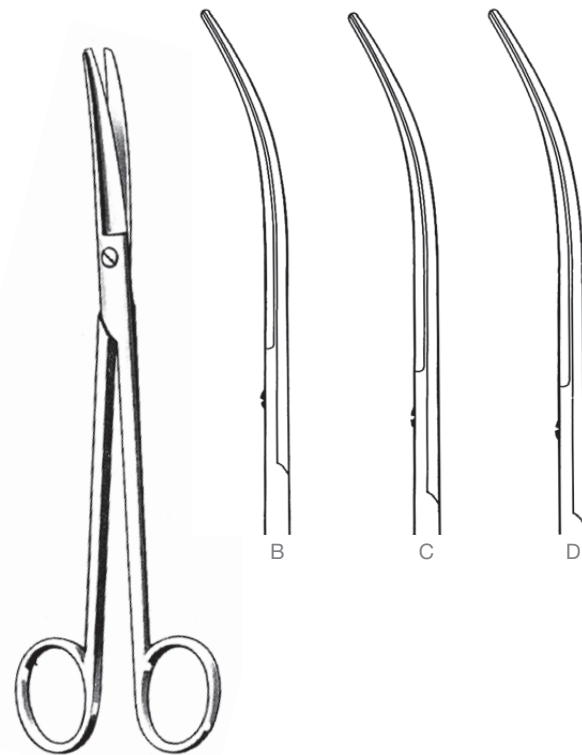
Fig. Art.-No. length cm / "

B 26-2550 14.5/5½

C 26-2552 19.5/7½

D 26-2554 22.5/8½

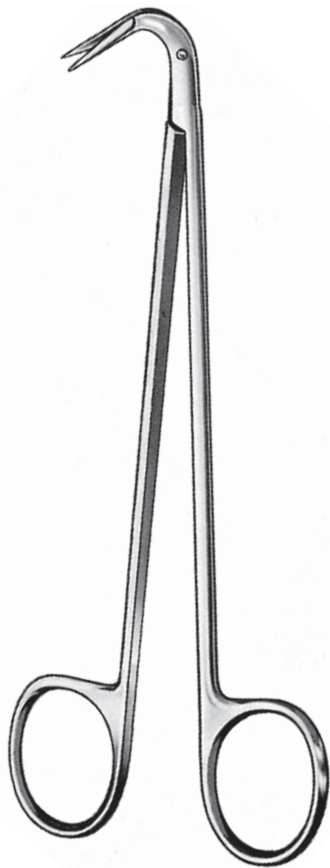
Wertheim



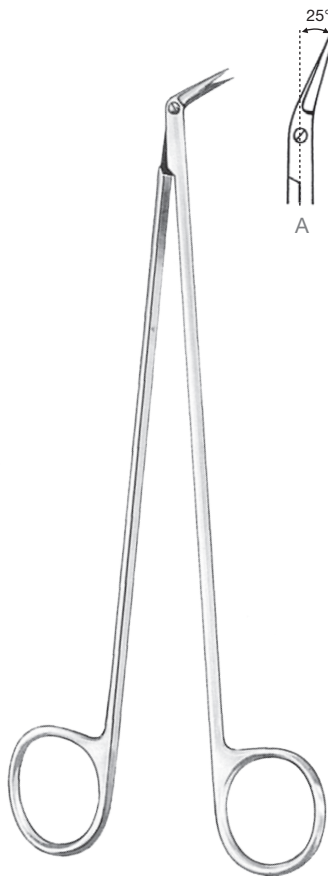
Scissors

GEISTER®

Beall



Diethrich-Hegemann

**Beall****Art.-No.**

26-4090

pointed

length cm / "

14.5/5½

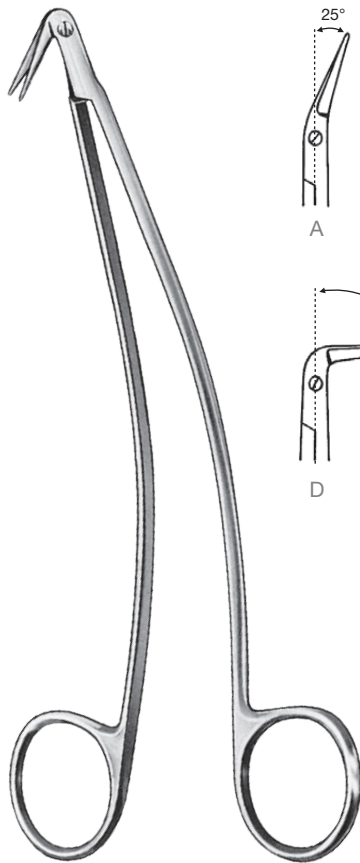
Diethrich-Hegemann

with extra delicate micro tips

Fig.	Art.-No.	Art.-No.	✂	length cm / "
	regular	nano blades		
A	26-4100	26-4300	25°	18.0/7
A	26-4100.SC	26-4300.SC	25°	18.0/7
B	26-4102	26-4302	45°	18.0/7
B	26-4102.SC	26-4302.SC	45°	18.0/7
C	26-4104	26-4304	60°	18.0/7
C	26-4104.SC	26-4304.SC	60°	18.0/7
D	26-4106	26-4306	90°	18.0/7
D	26-4106.SC	26-4306.SC	90°	18.0/7
E	26-4108	26-4308	125°	18.0/7
E	26-4108.SC	26-4308.SC	125°	18.0/7
with bar				
E	26-4110	—	125°	18.0/7
E	26-4110.SC	—	125°	18.0/7



Favaloro



Favaloro

Fig.	Art.-No.	✂	length cm / "
A	26-4101	25°	18.0 cm / 7
B	26-4103	45°	18.0 cm / 7
C	26-4105	60°	18.0 cm / 7
D	26-4107	90°	18.0 cm / 7
E	26-4109	125°	18.0 cm / 7

De Martel

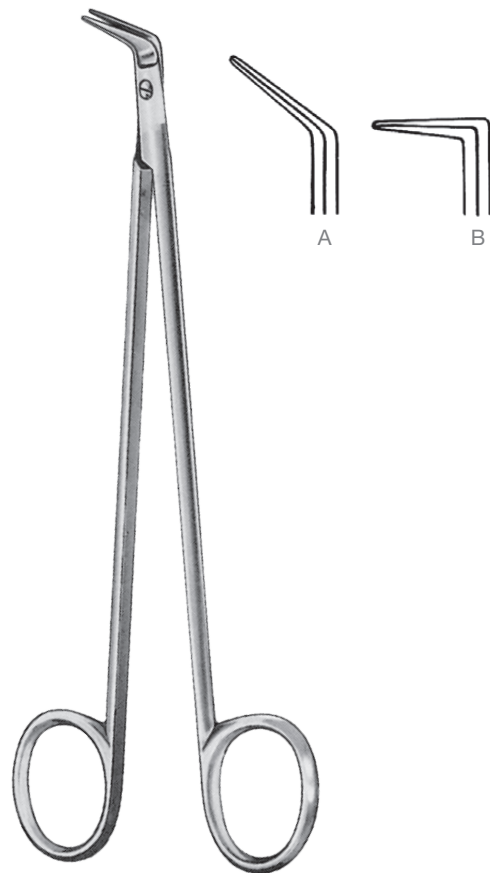
sharp

Fig.	Art.-No.	✂	length cm / "
A	26-4020	50°	18.0 cm / 7
B	26-4025	90°	17.0 / 6½

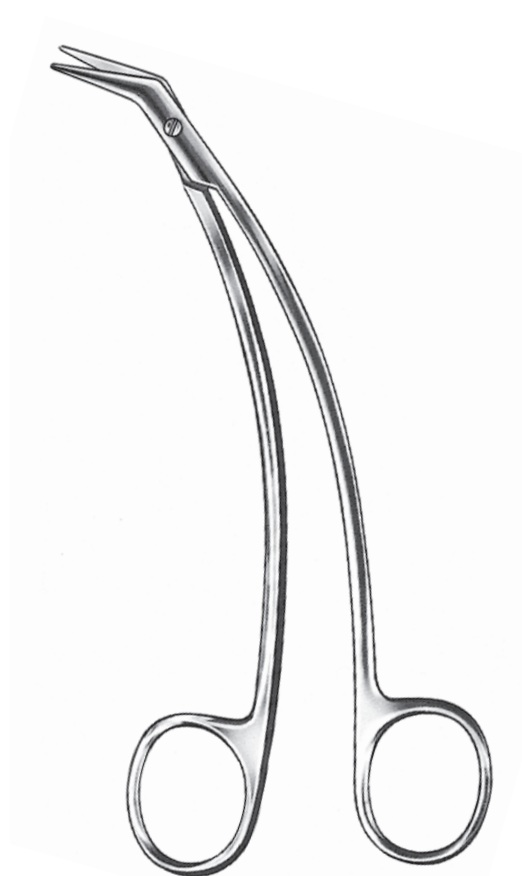
blunt

Fig.	Art.-No.	✂	length cm / "
A	26-4021	50°	18.0 cm / 7
B	26-4026	90°	17.0 / 6½

De Martel



Favaloro



DeBakey "S"

**Favaloro**

Art.-No.	✂	length cm / "
26-4135	60°	17.0/6½

DeBakey "S"

Art.-No.	✂	Length
26-4132	45°	16.0/6¼



Lillehei-Potts



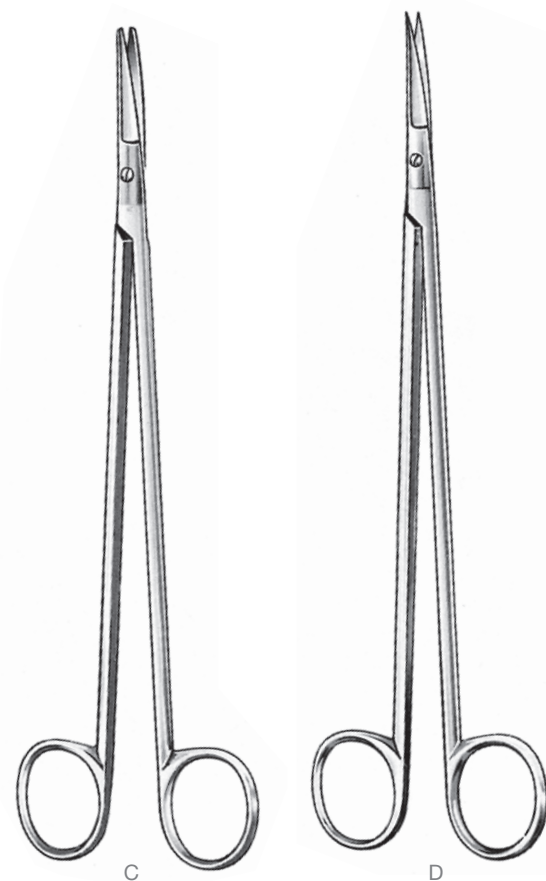
Lillehei-Potts

Fig.	Art.-No.	length cm / "
A	26-4060	18.0 / 7
B	26-4062	18.0 / 7

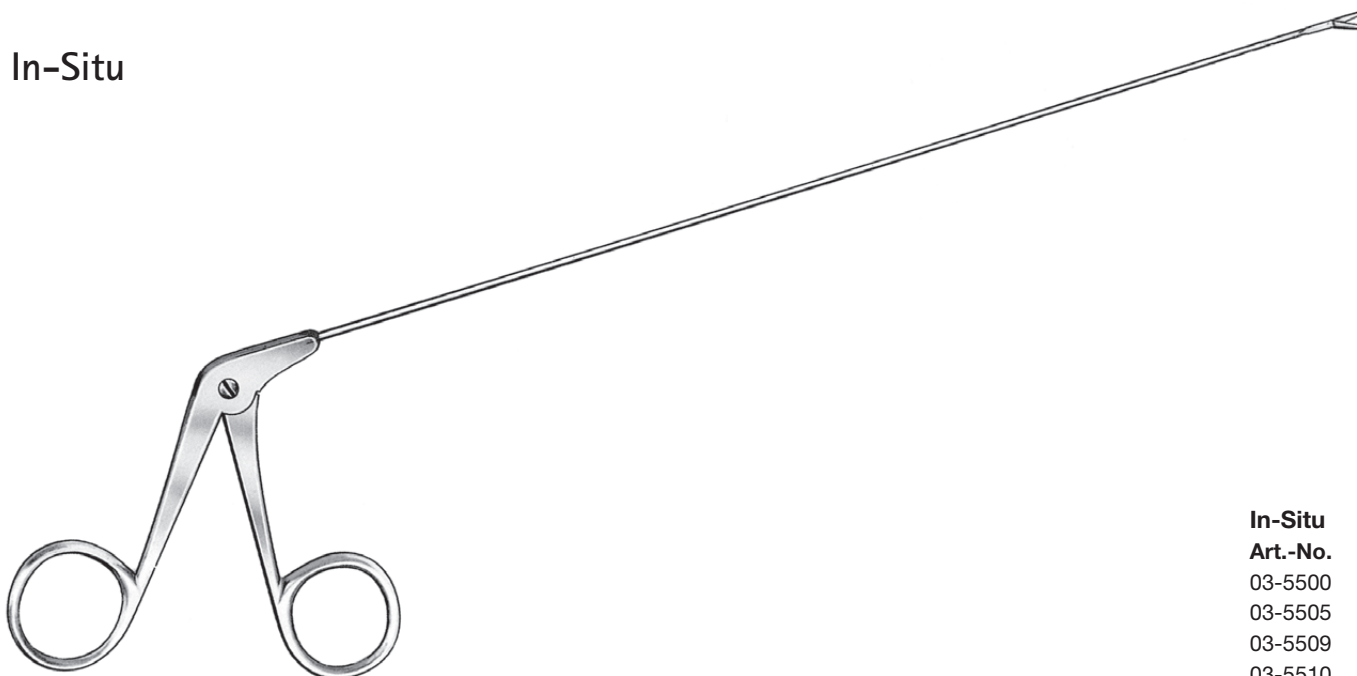
Laine-Kindal

Fig.	Art.-No.	length cm / "
C	26-4074	18.0 / 7
C	26-4075	21.0 / 8¼
D	26-4076	18.0 / 7
D	26-4077	21.0 / 8¼

Laine-Kindal



In-Situ



Mills

**In-Situ**

Art.-No.		length cm / "
03-5500	straight	10.0/4
03-5505	straight	23.0/9
03-5509	straight	30.0/12
03-5510	for left thigh	30.0/12
03-5515	for left thigh	30.0/12

Disruptor, Mills**Retrograde**

Art.-No.		Length
03-7500	with ball	30.5/12
03-7505	with ball	25.0/10
03-7510	with ball	23.0/9

Antegrade

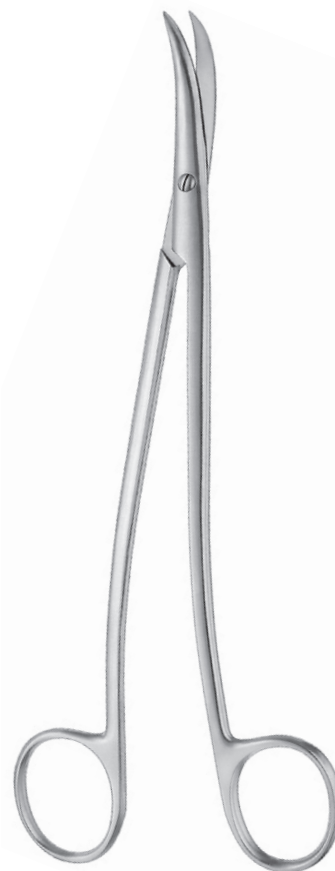
03-7520	with ball	16.0/6¼
---------	-----------	---------



Gregory



A



B

Gregory, TC



C

Gregory

Fig.	Art.-No.		length cm / "
A	26-4149	45°	13.0/5
B	26-4150	45°	16.0/6¼

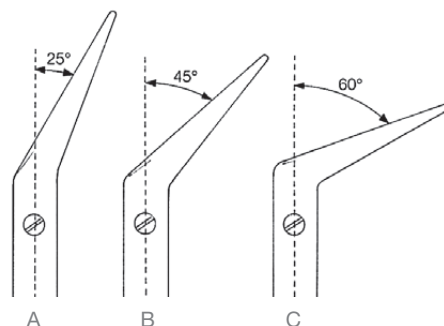
TC

Fig.	Art.-No.	length cm / "
C	26-4148	14.5/5¾

Scissors

GEISTER®

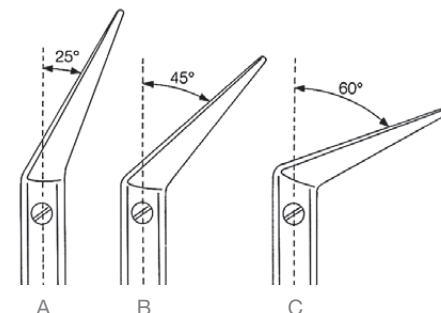
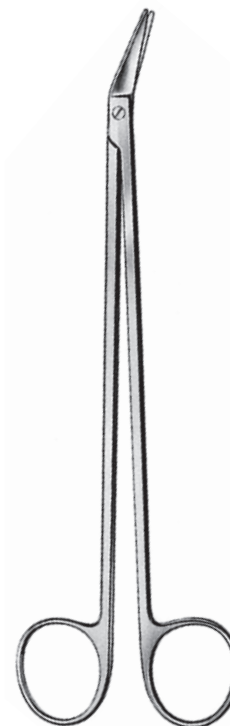
DeBakey



DeBakey

Fig.	Art.-No.	✂	length cm / "
A	26-4175	25°	17.0/6½
A	26-4180	25°	23.0/9
A	26-4185	25°	28.0/11
B	26-4176	45°	17.0/6½
B	26-4182	45°	23.0/9
B	26-4186	45°	28.0/11
C	26-4177	60°	17.0/6½
C	26-4184	60°	23.0/9
C	26-4187	60°	28.0/11

Potts-Smith



Potts-Smith

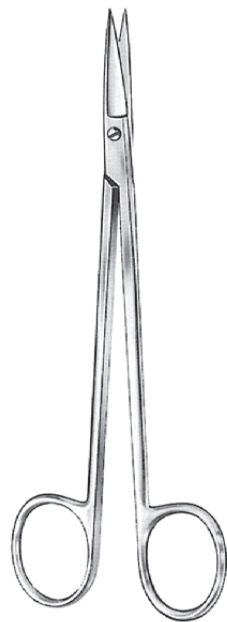
Fig.	Art.-No.	✂	length cm / "
A	26-4160	25°	14.0/5½
A	26-4120	25°	19.0/7½
B	26-4122	45°	19.0/7½
C	26-4124	60°	19.0/7½
	with ball		
C	26-4126	60°	19.0/7½



Fistula Scissors

**Potts**

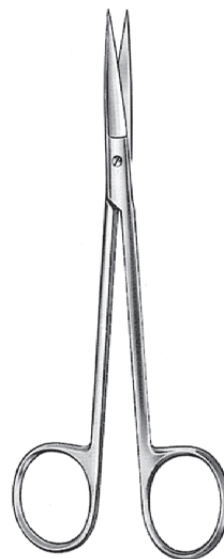
Art.-No. **length mm / "**
26-4082 18.5/7½

**Kelly****Kelly**

straight Art.-No.	straight Art.-No.	curved Art.-No.	curved Art.-No.	Length cm / "
26-6720	26-6720.SC	26-6721	26-6721.SC	16.0/6¼
26-6725	26-6725.SC	26-6726	26-6726.SC	18.0/7

Joseph

straight Art.-No.	straight Art.-No.	curved Art.-No.	curved Art.-No.	Length cm / "
26-6700	26-6700.SC	26-6701	26-6701.SC	15.0/6

**Joseph****Iris**

straight Art.-No.	curved Art.-No.	angular Art.-No.	Length cm / "
26-6690	26-6691	26-6692	12.5/5
26-6688	26-6689	–	11.5/4¼
26-6688.SC	26-6689.SC	–	11.5/4¼
26-6686	26-6687	–	10.5/4
26-6684	26-6685	–	9.5/3¾

Baby-Lexer

Stevens



A



B

**Baby-Lexer**

Fig.	Art.-No.		length cm / "
A	26-6155	straight	10.5 / 4
B	26-6156	curved	10.5 / 4

Stevens**blunt**

Art.-No.		length cm / "
26-6160	straight	11.0 / 4¼
26-6160.SC	straight	11.0 / 4¼
26-6161	curved	11.0 / 4¼
26-6161.SC	curved	11.0 / 4¼

pointed

Art.-No.		length cm / "
26-6162	straight	11.0 / 4¼
26-6162.SC	straight	11.0 / 4¼
26-6163	curved	11.0 / 4¼
26-6163.SC	curved	11.0 / 4¼

**Ragnell-Kilner**

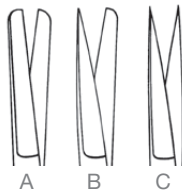
curved

Art.-No.	length cm / "
26-6170	12.5/5
26-6170.SC	12.5/5
26-6172	15/6
26-6172.SC	15/6
26-6174	18.0/7
26-6174.SC	18.0/7
26-6176	20.0/8
26-6176.SC	20.0/8

**Reynolds**

curved, regular tip

Art.-No.	length cm / "
26-6250	13.5/5¼
26-6250.SC	13.5/5¼
26-6252	15/6
26-6252.SC	15/6
26-6254	18.0/7
26-6254.SC	18.0/7
26-6256	20.0/8
26-6256.SC	20.0/8
26-6258	23.0/9
26-6258.SC	23.0/9

Standard**Standard**

straight

Fig.	Art.-No.	length cm / "	Art.-No.	length cm / "	Art.-No.	length cm / "
A	26-6020	10.5/4	26-6026	14.5/5½	26-6032	17.5/6½
B	26-6040	10.5/4	26-6046	14.5/5½	26-6052	17.5/6½
C	26-6060	10.5/4	26-6066	14.5/5½	26-6072	17.5/6½
A	26-6022	11.5/4¼	26-6028	15.5/6	26-6034	18.5/7½
B	26-6042	11.5/4¼	26-6048	15.5/6	26-6054	18.5/7½
C	26-6062	11.5/4¼	26-6068	15.5/6	26-6074	18.5/7½
A	26-6024	13.0/5	26-6030	16.5/6½	26-6036	20.0/8
B	26-6044	13.0/5	26-6050	16.5/6½	26-6056	20.0/8
C	26-6064	13.0/5	26-6070	16.5/6½	26-6076	20.0/8
curved						
A	26-6021	10.5/4	26-6027	14.5/5½	26-6033	17.5/6½
B	26-6041	10.5/4	26-6047	14.5/5½	26-6053	17.5/6½
C	26-6061	10.5/4	26-6067	14.5/5½	26-6073	17.5/6½
A	26-6023	11.5/4¼	26-6029	15.5/6	26-6035	18.5/7½
B	26-6043	11.5/4¼	26-6049	15.5/6	26-6055	18.5/7½
C	26-6063	11.5/4¼	26-6069	15.5/6	26-6075	18.5/7½
A	26-6025	13.0/5	26-6031	16.5/6½	26-6037	20.0/8
B	26-6045	13.0/5	26-6051	16.5/6½	26-6057	20.0/8
C	26-6065	13.0/5	26-6071	16.5/6½	26-6077	20.0/8



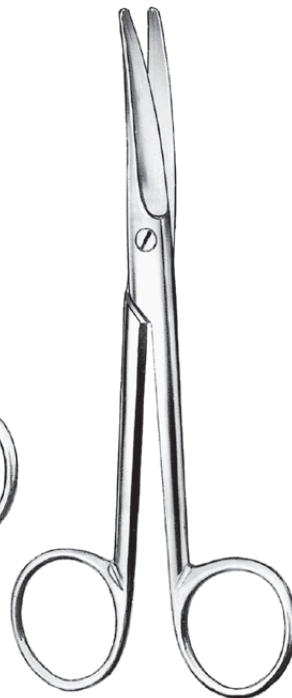
Mayo



Jameson

curved, delicate tip

Art.-No.	length cm / "
26-6239	15/6
26-6239.SC	15/6
26-6255	18.0/7
26-6255.SC	18.0/7



Mayo

Art.-No.

26-6100 straight

26-6100.SC straight

26-6102 straight

26-6102.SC straight

26-6104 straight

26-6104.SC straight

26-6106 straight

26-6106.SC straight

26-6108 straight

26-6108.SC straight

Art.-No.

26-6110 curved

26-6110.SC curved

26-6112 curved

26-6112.SC curved

26-6114 curved

26-6114.SC curved

26-6116 curved

26-6116.SC curved

26-6118 curved

26-6118.SC curved

length cm / "

14.5/5½

14.5/5½

15.5/6

15.5/6

17.0/6½

17.0/6½

21.0/8¼

21.0/8¼

23.0/9

23.0/9

**McIndoe (UK)**

Art.-No.	length mm / "
26-6301	18.0/7
26-6301.SC	18.0/7

**Mayo-Lexer**

straight Art.-No.	curved Art.-No.	Length cm / "
26-6140	26-6141	16.0/6¼
26-6140.SC	26-6141.SC	16.0/6¼
26-6142	26-6143	21.0/8¼

**Lexer**

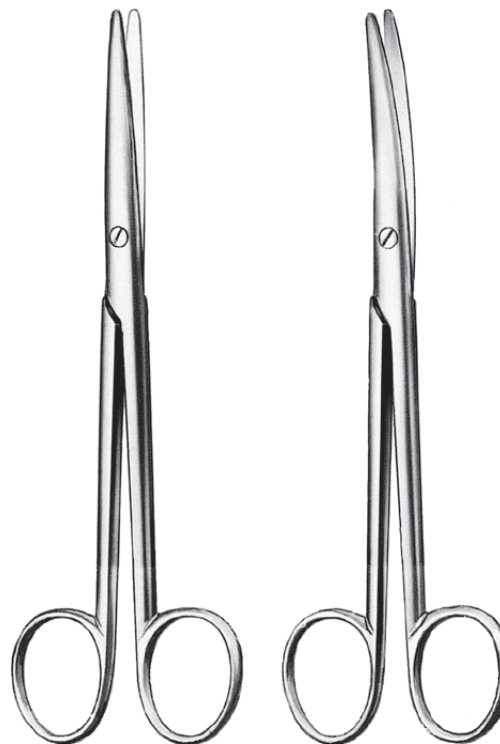
straight Art.-No.	curved Art.-No.	Length cm / "
26-6150	26-6151	16.0/6¼
26-6150.SC	26-6151.SC	16.0/6¼



Mayo-Harrington

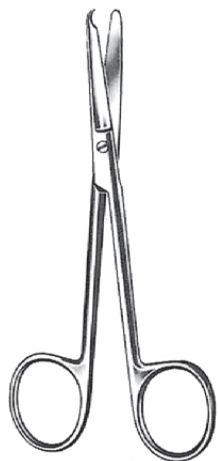
straight Art.-No.	curved Art.-No.	Length cm/"
26-6120	26-6121	22.5/8¾
26-6120.SC	26-6121.SC	22.5/8¾
26-6122	26-6123	28.0/11
26-6122.SC	26-6123.SC	28.0/11

Mayo-Stille



Mayo-Stille

straight Art.-No.	curved Art.-No.	Length cm/"
26-6130	26-6131	15.0/6
26-6130.SC	26-6131.SC	15.0/6
26-6132	26-6133	17.0/6½
26-6132.SC	26-6133.SC	17.0/6½



Spencer

Ligature Scissors

Art.-No. **length mm / "**

26-6760 9.0/3½

26-6762 10.5/4

26-6764 12.5/5

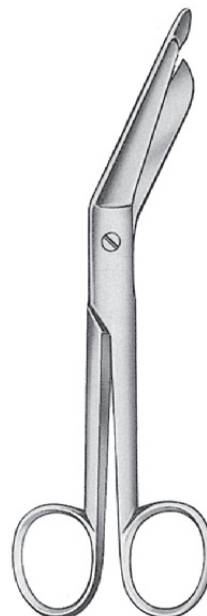


Spencer

Ligature Scissors

Art.-No. **length mm / "**

26-6750 14.5/5¾



Lister

Bandage and Tube Scissors

Art.-No. **Art.-No.** **Length cm / "**

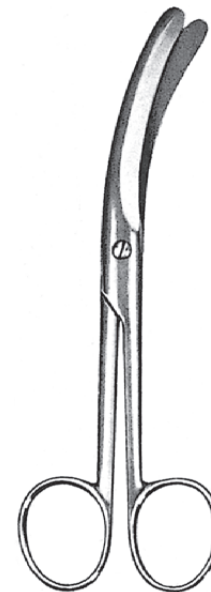
26-4970 26-4970.SC 9.0/3½

26-4971 26-4971.SC 11.0/4¼

26-4972 26-4972.SC 14.0/5½

26-4974 26-4972.SC 18.0/7

26-4975 26-4975.SC 20.0/8



Umbilical

Cord Scissors

Art.-No. **length mm / "**

26-6936 13.5/5¼

26-6937 16.0/6¼

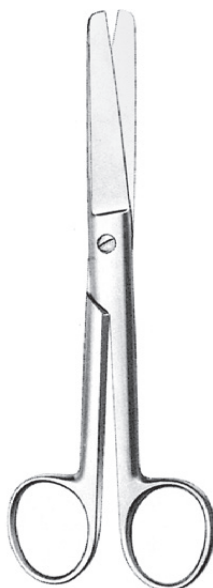
Strong Scissors

GEISTER®

**Sims**

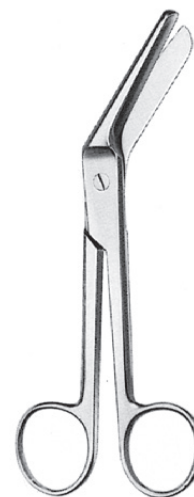
Uterine Scissors

straight	curved	
Art.-No.	Art.-No.	Length cm / "
26-6880	26-6881	20.0 / 8
–	26-6884	23.0 / 9

**Doyen**

Abdominal Scissors

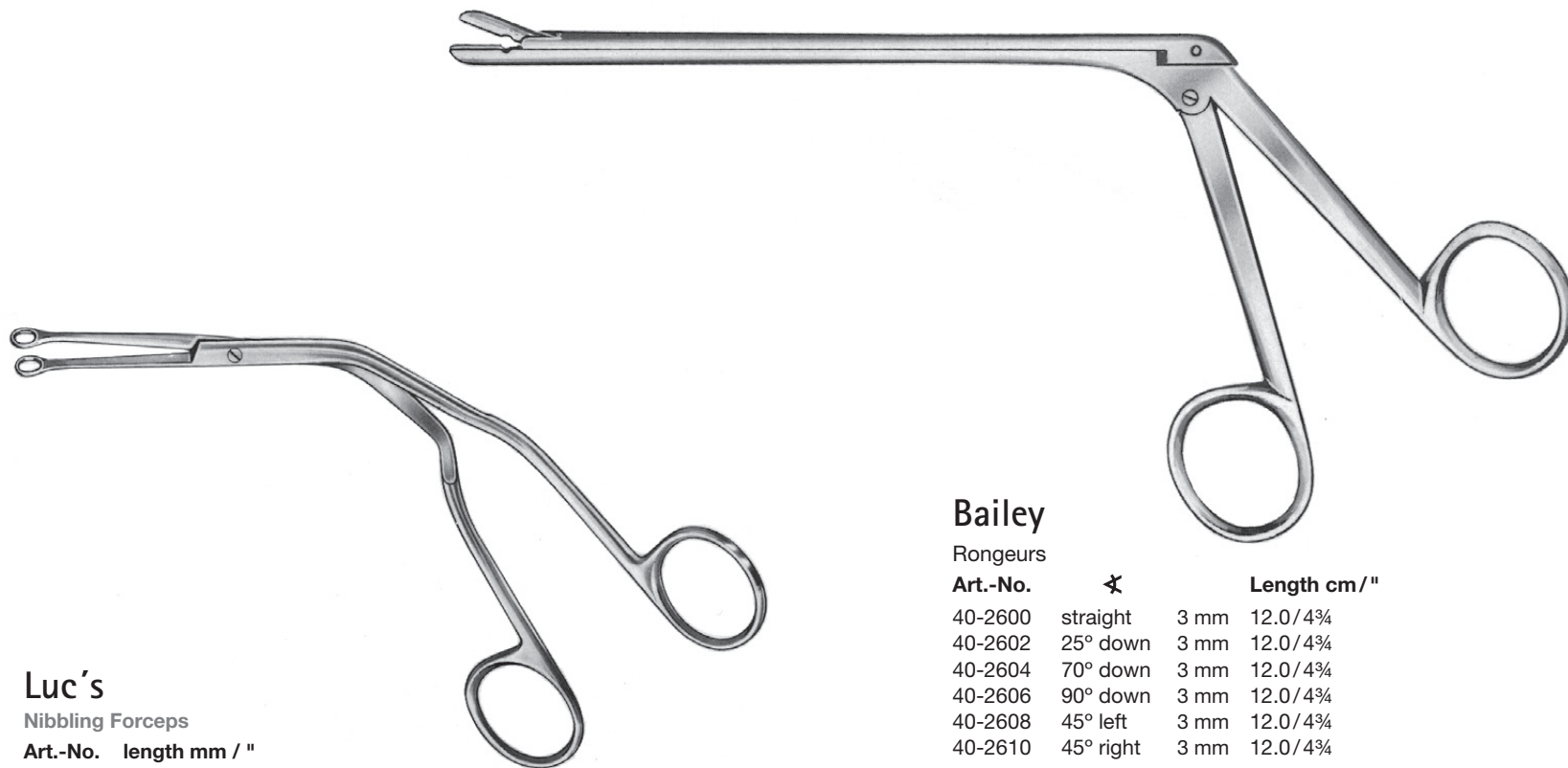
straight	curved	
Art.-No.	Art.-No.	Length cm / "
26-6908	26-6909	16.0 / 6¼
26-6910	26-6911	18.0 / 7
26-6910.SC	26-6911.SC	18.0 / 7

**Braun-Stadler**

Art.-No.	Art.-No.	Length cm / "
26-6900	–	14.0 / 5½
26-6901	26-6901.SC	22.0 / 8¾

**Toronto**

curved	
Art.-No.	length mm / "
26-6124.SC	28.0 / 11



Luc's

Nibbling Forceps

Art.-No. **length mm / "**

40-8010 19.0/7½

Bailey

Rongeurs

Art.-No.	✂		Length cm / "
40-2600	straight	3 mm	12.0/4¾
40-2602	25° down	3 mm	12.0/4¾
40-2604	70° down	3 mm	12.0/4¾
40-2606	90° down	3 mm	12.0/4¾
40-2608	45° left	3 mm	12.0/4¾
40-2610	45° right	3 mm	12.0/4¾

Longer shaft length on special request



A



B



C

Gigli

Wire Saw Handle

Fig. Art.-No.

A 26-9109

Wire Saw

Fig. Art.-No. length mm / "

B 26-9110 30.0/12

B 26-9111 40.0/16

B 26-9112 50.0/20

B 26-9113 60.0/24

B 26-9114 70.0/28

Introducer Guide

Fig. Art.-No. length mm / "

C 26-9105 30.0/12



Rib Shears



Art.-No.	length mm / "
26-6920	23.0 / 9
26-6920	21.0 / 8¼



Bethune

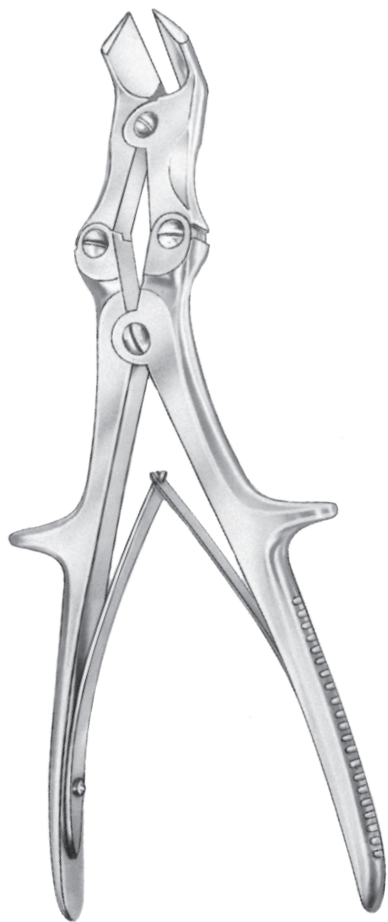
Art.-No.	length mm / "
40-0235	35.0 / 14

**Coryllos-Bethune**

Art.-No. 40-0240 **length mm / "** 35.0/14
Right protected jaws

**Coryllos-Bethune**

Art.-No. 40-0241 **length mm / "** 35.0/14
Left protected jaws



Tudor-Edwards

S-curved

Art.-No.	length mm / "
40-0232	26.5 / 10½

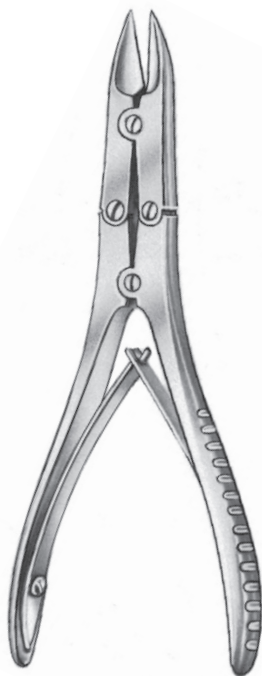


Vermehren

Art.-No.	length mm / "
40-0283	24.0 / 9½

**Giertz-Stille**

Art.-No. 40-0285 **length mm / "** 27.0/10½



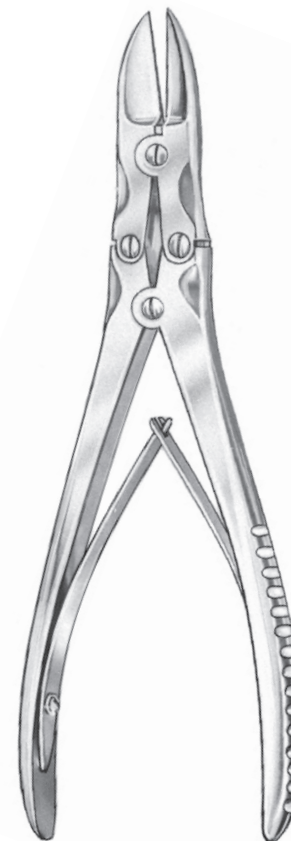
Boehler

straight	curved	
Art.-No.	Art.-No.	length mm / "
40-0200	40-0201	15.0/6



Mc Indoe

curved	
Art.-No.	length mm / "
40-0205	18.0/7



Ruskin-Liston

straight	curved	
Art.-No.	Art.-No.	length mm / "
40-0210	40-0211	19.0/7½



Boehler

Fig.	Art.-No.		length cm / "
A	40-0098	2 mm	15.0/6
A	40-0100	3 mm	15.0/6
A	40-0102	4 mm	15.0/6
B	40-0099	2 mm	15.0/6
B	40-0101	3 mm	15.0/6
B	40-0103	4 mm	15.0/6



Luer-Stille

Fig.	Art.-No.		length cm / "
C	40-0150	10 mm	22.0/8¾
D	40-0151	10 mm	22.0/8¾



Beyer

Art.-No.		length cm / "
40-0104	3 mm	18.0/7
40-0105	4 mm	18.0/7



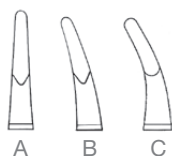
Ruskin

Art.-No.		length cm / "
40-0115	4 mm	19.0/7½
40-0116	5 mm	19.0/7½
40-0117	6 mm	19.0/7½



Marquardt

Art.-No.		length cm / "
40-0190	3 mm	20.0/8



Smith-Peterson

Fig.	Art.-No.		length cm / "
A	40-0180	3 mm	19.0/7½
A	40-0185	3 mm	23.0/9
A	40-0180.40	4 mm	23.0/9
B	40-0181	3 mm	19.0/7½
B	40-0186	3 mm	23.0/9
B	40-0186.40	4 mm	23.0/9
C	40-0182	3 mm	19.0/7½
C	40-0187	3 mm	23.0/9
C	40-0187.40	4 mm	23.0/9



D slight bent/strong bent

Leksell

slight bent strong bent

Fig.	Art.-No.	Art.-No.		length cm / "
D	40-0124	—	3 mm	23.0/9
D	40-0126	40-0128	5 mm	23.0/9
D	40-0125	40-0127	8 mm	23.0/9

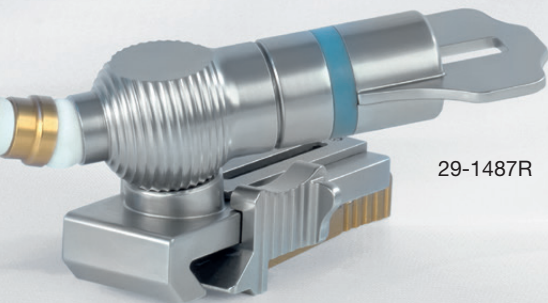


**Flexible Arms | Sternum Retractors
Retractors | Lifting Retractors
Rib Spreaders | Abdominal Frame
Retractors | Self-retraining Retractors**



Flexible Arm





29-1487R

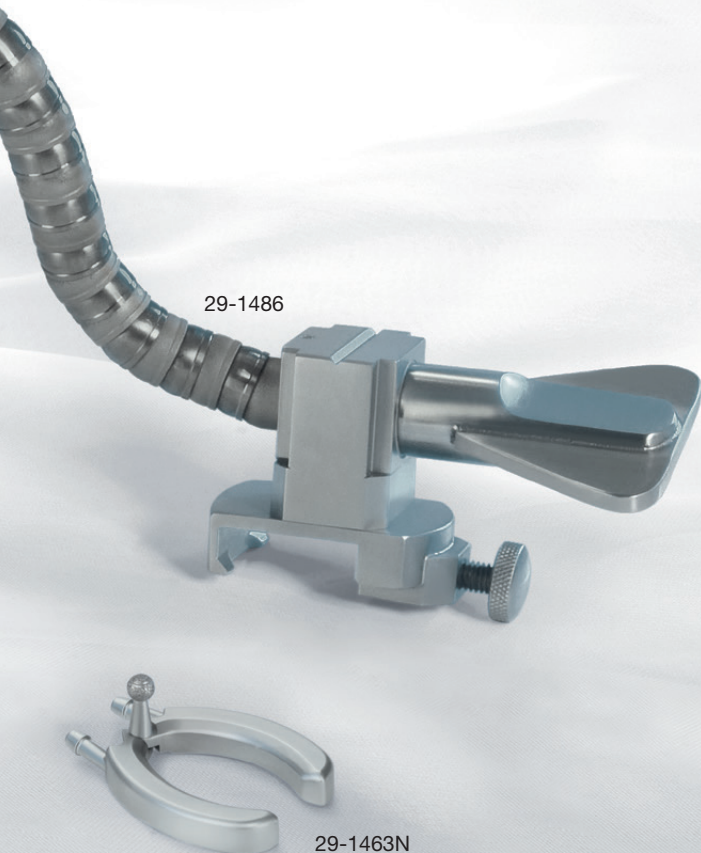
Flexible Arm

Art.-No.	Description
29-1487	Flexible Arm with universal sliding carrier, 30 cm
29-1487R	Flexible Arm with universal sliding carrier and adapter clamp for rods, 32 cm
29-1433.RD	Rod 6 mm (alone) with fixation screw, 21 cm, for Extension
29-1433.RL	Rod 6 mm (alone) with fixation screw, 35 cm, for Extension
29-1434V	Tissue Stabilizer with ball connector, Massetti



Flexible Arm





29-1486

29-1463N

Flexible Arm

- reusable platform, disposable foots optional
- multiple foot designs available
- excellent stability

Flexible Arm

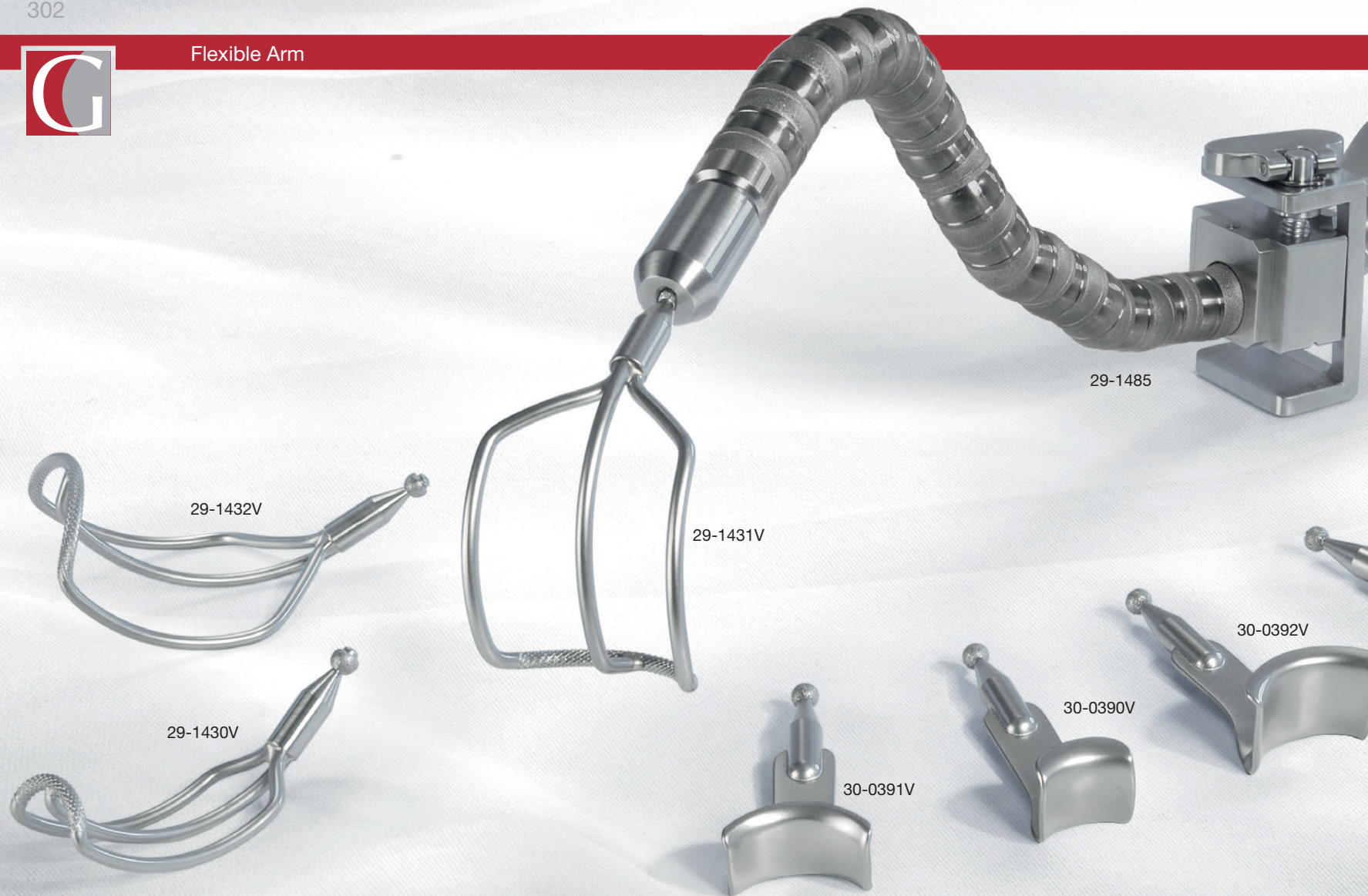
Art.-No.	Description
29-1485	Flexible Arm 275 mm (without foot)
29-1486	Flexible Arm 275 mm (without 29-1428 and 29-1433)
29-1428V	Fixation Clamp 6 mm with connector for Flexible Arm
29-1433.RD	Rod 6 mm, (alone) for Extension for Foots

Stabilizing Foots

Art.-No.	Description
29-1433V	Masseti Stabilizer Foot, curved, with snare holders
29-1434V	Masseti Stabilizer Foot, flat, with snare holders
29-1441V	Riess Stabilizer Foot, extra flat, with snare holders
29-1443V	Satoh II Suction Stabilizer Foot, with snare holders
29-1444V	Lectiang Compact Suction Stabilizer Foot with suction
29-1463N	Tulip Neo Suction Stabilizer with ball connecotr for flexible arm or rod



Flexible Arm





Flexible Arm

- provides maximum surgical exposure
- multiple sizes available
- excellent stability

Flexible Arm

without foot

Art.-No.	Length mm
29-1485	275

Retracting and Manipulating Feet

Cooley Rake Blade

Art.-No.	Description
29-1430V	small 20 mm
29-1431V	medium 35 mm
29-1432V	large 45 mm

Ross Hook

Art.-No.	Description
30-0390V	Fig.1 Blade 16x15 mm
30-0391V	Fig.2 Blade 23x13 mm
30-0392V	Fig.3 Blade 24x16 mm
30-0393V	Fig.4 Blade 27x13 mm
30-0394V	Fig.5 Blade 27x27 mm
30-0395V	Fig.6 Blade 25x39 mm

**CardioFrame™**

29-0955



Quick change
of blades



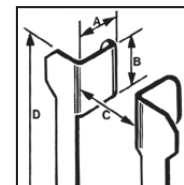
29-0955 + 29-1510 + 29-0955.CV

CARDIOFRAME™

Now with a lower profile and deeper reach than ever! Universal sternum retractor system and operating platform.

This low profile operating platform keeps operating area free for surgeon's maneuvers and combines maximum comfort through a unique quick snap-in coupling for accessories with less traumatic tissue handling, stable fixation and excellent exposure. New malleable hooks provide for a deeper reach as well as for versatile adjustment to individual requirements and patient anatomy. Carriers can be moved and fixed to any desired position on arms or spreading bar.

A wide range of **GEISTER®** accessories can also be used with this platform. The system also accommodates some of the most common disposable flexible arms.



29-0955.40



29-0956.40

Order information:

CardioFrame™ Retractor, Frame (29-0955.BD) with 2 inserts (29-0955.IN) and 2x Cooley blades 30mm deep (29-0956.30)

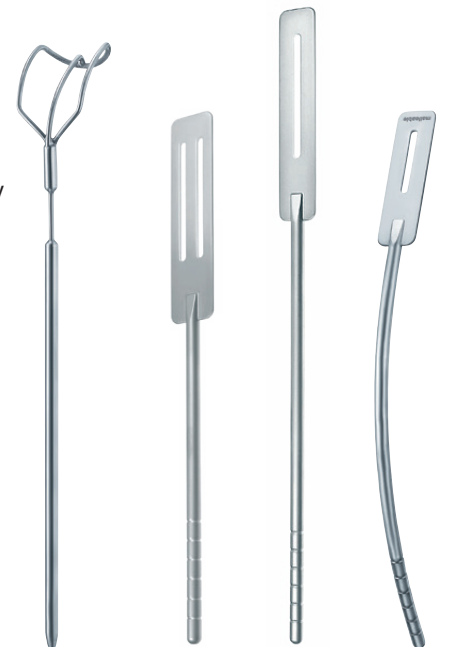
Sliding Carrier, snap-in coupling (3 recommended)

Optional Attachment for 29-0955:

Attachment, Cleveland 29-1510

Locking Inlay

4x Morse blades	30mm deep	29-0955
	40mm deep	29-0940
2x Cooley blades	30mm deep (included in 29-0955)	
	40mm deep	
CooleyRake Hook	small 20mm, malleable shaft	29-1430.CF
	medium 35mm, malleable shaft	29-1431.CF
	large 45mm, malleable shaft	29-1432.CF
Malleable Hook	small 18x52mm, short 14cm shaft	29-0941
	medium 18x80mm, short 14cm shaft	29-0942
	large 22x80mm, short 14cm shaft	29-0943
Malleable Hook	small 18x52mm, long 19cm shaft	29-0941L
	medium 18x80mm, long 19cm shaft	29-0942L
	large 22x80mm, long 19cm shaft	29-0943L
Malleable Hook	small 18x52mm, long 19cm curved shaft	29-0944L
	medium 18x80mm, long 19cm curved shaft	29-0945L
	large 22x80mm, long 19cm curved shaft	29-0946L



29-1430.CF 29-0943 29-0942L 29-0944L



Retractors

Cooley Sternum Retractor

29-1495

Cooley
Rake Retractor
rigid

29-1500.BH

Malleable
Retractor/Spatula

29-1500.HL

29-1500.HM

29-1500.HS

Fixation
Clamp

29-1500.FC



Retractors

GEISTER®

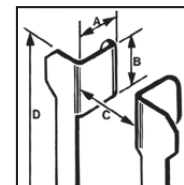
T-bar

29-1005.TS



Sternum Retractor Cooley

Art.-No.	Fig.	A	B	C	D
29-1495	XXL	35 mm	115 mm	230 mm	205 mm
29-1494.RS	XL	35 mm	100 mm	180 mm	180 mm
29-0134.RS	L	30 mm	50 mm	185 mm	145 mm
29-0133.RS	L	30 mm	50 mm	135 mm	145 mm



T-bar Retractor Cooley - Complete set

Art.-No. Description

29-1500.US complete consisting of 29-1501.US Attachment set and 29-1495 Retractor body

T-bar Retractor, attachment only

29-1501.US for use with multiple types of sternal retractors (consisting of 29-1005.TS, 2x 29-1500.BH, 2x 29-1500.HS, 1x 29-1500.HM, 1x 29-1500.HL, 2x 29-1500.FC)

Art.-No.	Description	Width	Length
29-1005.TS	T-bar turnable	70 mm	—
29-1500.FC	Fixation Clamp	—	—
29-1500.BH	Malleable Retractor/Spatula	20 mm	26.0 cm
29-1500.HS	Cooley Rake Retractor rigid	20 mm	24.0 cm
29-1500.HM	Cooley Rake Retractor rigid	35 mm	24.0 cm
29-1500.HL	Cooley Rake Retractor rigid	45 mm	24.0 cm

Recommended optional accessories:

29-1427	Extention piece (180 mm long) for extending t-bar or creating an L-shaped bar (extra fixation clamps 29-1500.FC are required)		
29-1500.HT	Cooley Rake Retractor tricuspid	45 mm	24.0 cm
29-1430	Cooley Rake Retractor malleable	20 mm	26.5 cm
29-1431	Cooley Rake Retractor malleable	35 mm	26.5 cm
29-1432	Cooley Rake Retractor malleable	45 mm	28.0 cm
29-1005.TL	Swivel T-bar for Mid-Sternotomy low, Type Speroni	30 mm	—



Speroni™

One for All Retractor

29-1000



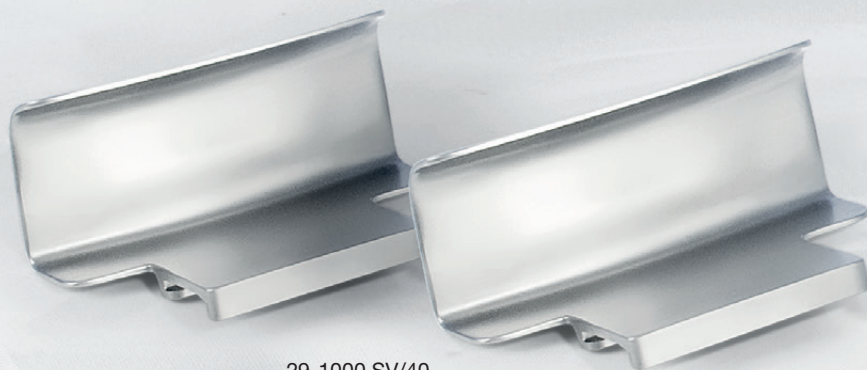
Speroni™ One for All Retractor

GEISTER®

29-1000.TV



29-1000.SV/40

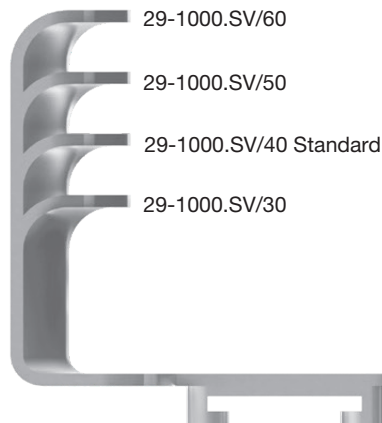


29-1000.IM





Speroni™ One for All Retractor

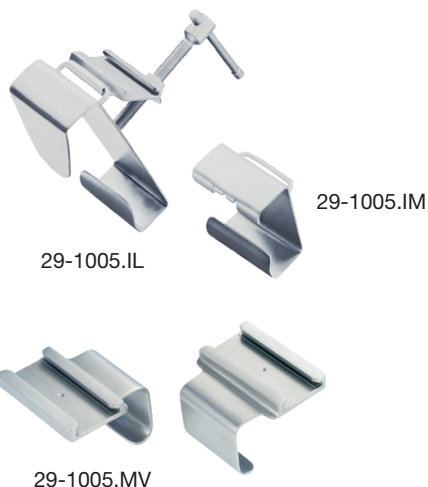


29-1000.SV/60

29-1000.SV/50

29-1000.SV/40 Standard

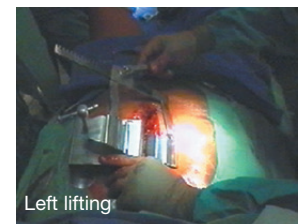
29-1000.SV/30



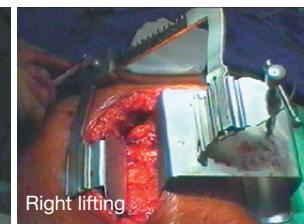
29-1005.IM

29-1005.IL

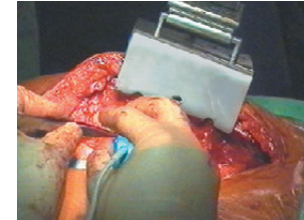
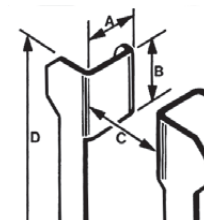
29-1005.MV



Left lifting



Right lifting

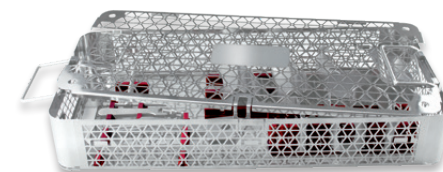


Art.-No.	Description	A	B	C	D	Qty.
29-1000	Consisting of:					
29-1000.BD	Retractor body only	-	-	230	160	1 ea
29-1000.TV	Thoracic-blades (pair)	50	60	-	-	1 ea
29-1000.SV/40	Sternal-blades (pair)	40	100	-	-	1 ea
29-1000.IM	Lifting blade with stabilizing screw	40	150/100	-	-	1 ea

Optional blades

Art.-No.	Description	A	B	C	D	Qty.
29-1000.SV/30	Sternal-blades (pair)	30	100	-	-	1 ea
29-1000.SV/50	Sternal-blades (pair)	50	100	-	-	1 ea
29-1000.SV/60	Sternal-blades (pair)	60	100	-	-	1 ea
29-1005.MV	Thoracic-blades (pair)	30	40	-	-	1 ea
29-1005.IL	Lifting blade deep with stabilizing screw	60/30	60	-	-	1 ea
29-1005.IM	Mini lifting blade with plate	30	60	-	-	1 ea

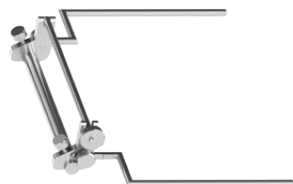
bold = shown on page 314/315



Storage sieve basket and sterilization

Art.-No.	Description	Qty.
29-1007	Consisting of:	
29-1000	complete Speroni "One for All" Retractor	1 ea
77-4010	Tray for retractor Speroni	1 ea
Optional		
77-1022	Surgibox™ 600 1/1, 600x290x170 mm	1 ea

Illustrations not 1:1



29-1510



29-1000.CV



29-1428



29-1511



29-1500.HK



29-1500.HM



29-1500.HT

Complete Set with Retractors

Art.-No.	Description	A	B	C	D	Qty.
29-1003	Consisting of:					
29-1000.BD	Retractor body only	-	-	230	160	1 ea
29-1000.SV/01	Sternal-blades (piece)	40	100	-	-	1 ea
29-1000.CV	Sternal-blades (piece) with rod	40	100	-	-	1 ea
29-1510	Attachment, Cleveland	-	-	-	-	1 ea
29-1511	Fixation clamp, 6 mm, strong	-	-	-	-	3 ea
29-1500.HK	Hand-held Retractor, 26 cm	50	20	-	-	3 ea
29-1500.HM	Hand-held Retractor, 24 cm	40	35	-	-	1 ea
29-1500.HT	Hand-held Retractor, 24 cm	20	45	-	-	1 ea



29-1001

Art.-No.	Description	A	B	C	D	Qty.
29-1001	Consisting of:					
29-1000.BD	Retractor body only	-	-	230	160	1 ea
29-1000.SV/01	Sternal-blades (piece)	40	100	-	-	1 ea
29-1000.CV	Sternal-blades (piece) with rod	40	100	-	-	1 ea
29-1428	Fixation Clamp	-	-	-	-	3 ea
29-1510	Attachment, Cleveland	-	-	-	-	1 ea



Recommended attachment



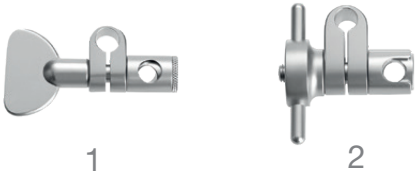
29-1485



29-1000.BH

Optional Attachment for Speroni™

Art.-No.	Description	A	B	C	D	Qty.
29-1000.BH	Sternal-blades (pair)	40	100	-	-	1 ea
29-1485	Flexarm for Retractors and Stabilizers	-	-	-	-	1 ea



Fixation Clamps

Fig.	Art.-No.	Ø	
1	29-1428	6 mm	
2	29-1511	6 mm	strong

Ross

Retractor
malleable, serrated, 250 mm

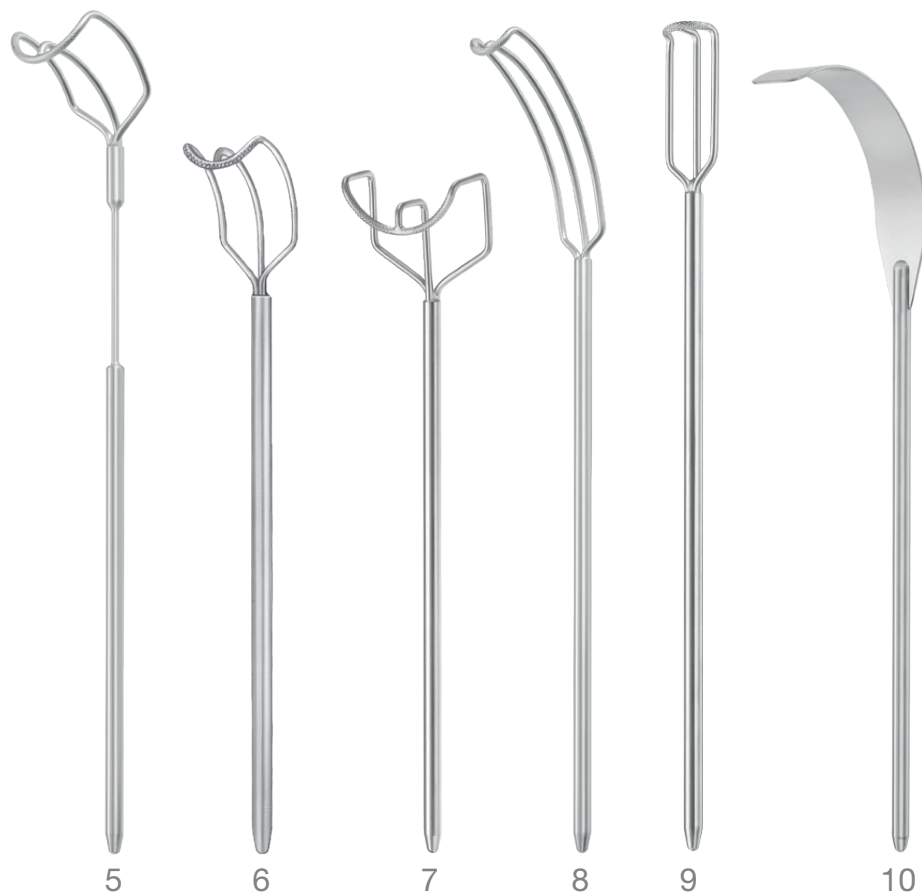
Fig.	Art.-No.	Width x depth
3	29-1471	16 x 16 mm small
3	29-1472	24 x 14 mm medium
3	29-1473	24 x 17 mm large

Marberger

Retractor
malleable, 240 mm

Fig.	Art.-No.	Width	
4	29-1445	17 mm	small
4	29-1446	20 mm	medium
4	29-1447	23 mm	large





Recommended attachment for Speri™

Coolley

Rake Retractor, malleable

	265mm	255mm	350mm		
Fig.	Art.-No.	Art.-No.	Art.-No.	width	depth
5	29-1430	29-1430.CF	29-1430/D	20 mm	40 mm
5	29-1431	29-1431.CF	29-1431/D	35 mm	40 mm
5	29-1432	29-1432.CF	29-1432/D	45 mm	40 mm

Rake Retractor, regide

	240 mm	320 mm	280 mm		
Fig.	Art.-No.	Art.-No.	Art.-No.	width	depth
6	29-1500.HS	29-1500.HS/D	29-1500.HS/D4	20 mm	40 mm
6	29-1500.HM	29-1500.HM/D	29-1500.HM/D4	35 mm	40 mm
6	29-1500.HL	29-1500.HL/D	-	45 mm	40 mm
7	29-1500.HT	29-1500.HT/D	29-1500.HT/D4	45 mm	20 mm

	265 mm	320 mm		
Fig.	Art.-No.	Art.-No.	width	depth
8	29-1500.HK	29-1500.HK/D	20 mm	50 mm

	230 mm	320 mm		
Fig.	Art.-No.	Art.-No.	width	depth
9	29-1501.HS	29-1501.HS/D	20 mm	10 mm

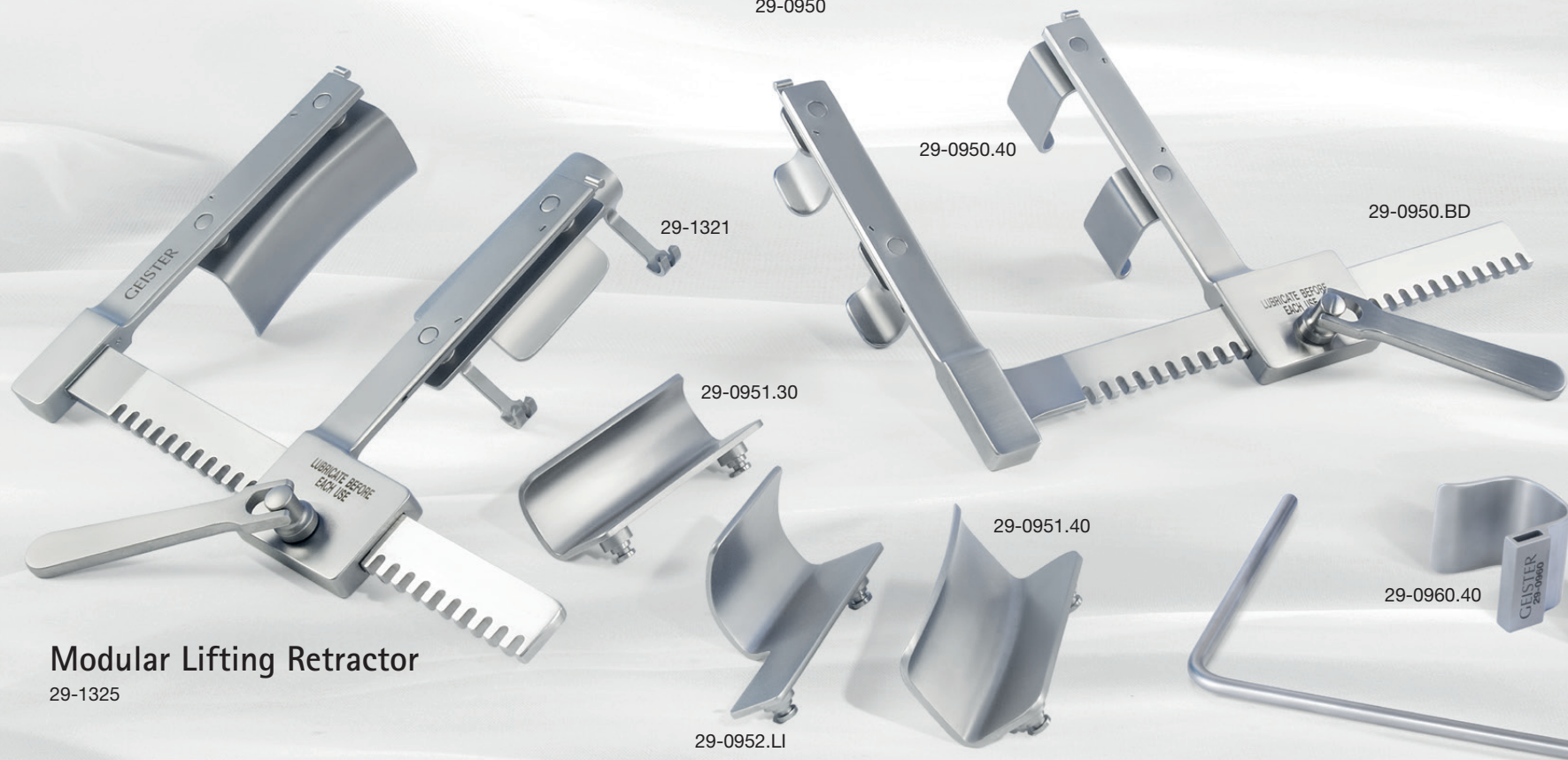
Retractor, malleable

	260 mm	350 mm		
Fig.	Art.-No.	Art.-No.	width	depth
10	29-1500.BH	29-1500.BH/D	20 mm	65 mm



Modular Sternum Retractor

29-0950

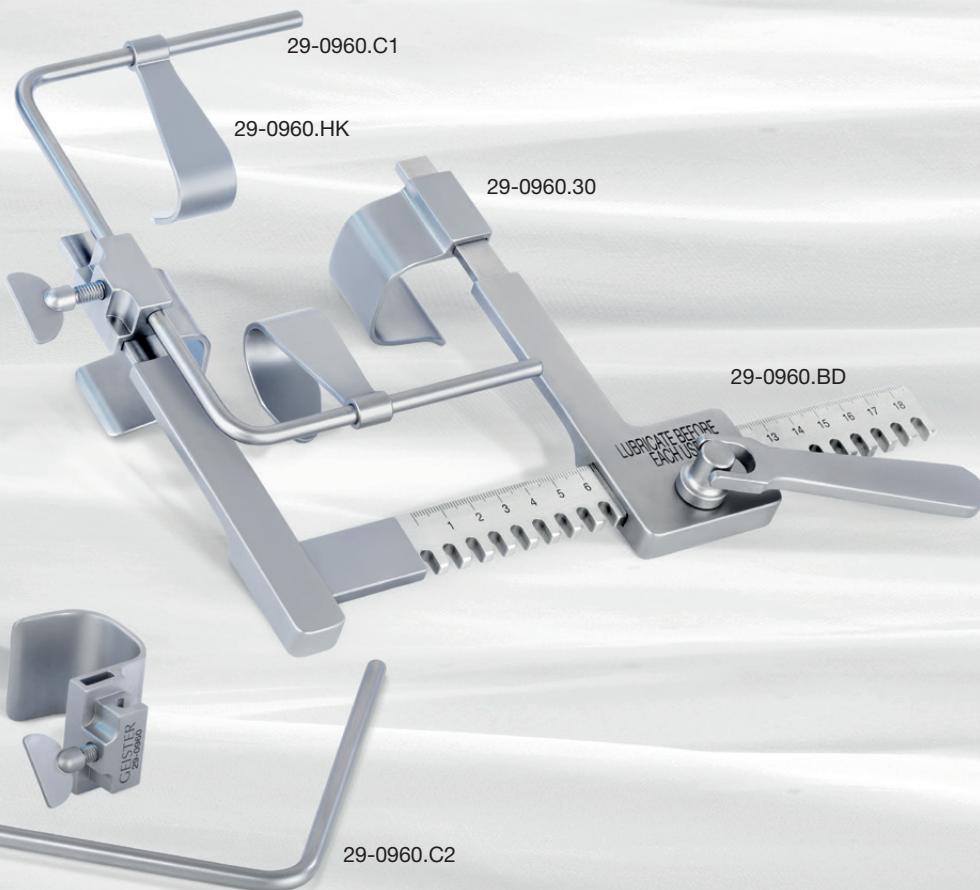


Modular Lifting Retractor

29-1325

Massetti-Babatasi Mini-Sternotomy Retractor

29-0960



Modular Sternum Retractor

Art.-No.	A	B	C	D
29-0950	40 mm	28 mm	200 mm	150 mm

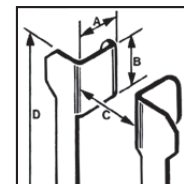
29-0950 includes

29-0950.BD Body only

29-0950.40 Swivel blades (4)

Optional extra blades for 29-0950

29-0950.30	30 mm	28 mm	(4)
29-0951.30	30 mm	100 mm	(2)
29-0951.40	40 mm	100 mm	(2)



Upgrade Kit for I.M.A. see 29-1326

Massetti-Babatasi Mini-Sternotomy Retractor

Art.-No.	A	B	C	D
29-0960	—	—	130mm	130mm

29-0960 includes

29-0960.BD Body only

29-0960.30 40 mm 30 mm each 1 left and right (2)

29-0960.40 40 mm 40 mm each 1 left and right (2)

29-0960.C1 C-Bar small 6 mm, 16 cm (1)

29-0960.C2 C-Bar large 6 mm, 21 cm (1)

29-0960.HK 35 mm 20mm each 1 left and right (2)

40 mm 20 mm each 1 left and right (2)

Modular Lifting Retractor

Art.-No.	A	B	C	D
29-1325	—	—	200 mm	150 mm

29-1325 includes

29-0950.BD Body only

29-1326 Upgrade Kit for 29-0950

29-1326 includes

29-0951.30 30 mm 100 mm (2)

29-0951.40 40 mm 100 mm (2)

29-0952.LI 40 mm 60 mm (1)

29-0952.RE 40 mm 60 mm (1)

29-1321 100 mm (1)

Optional extra blades for 29-1325

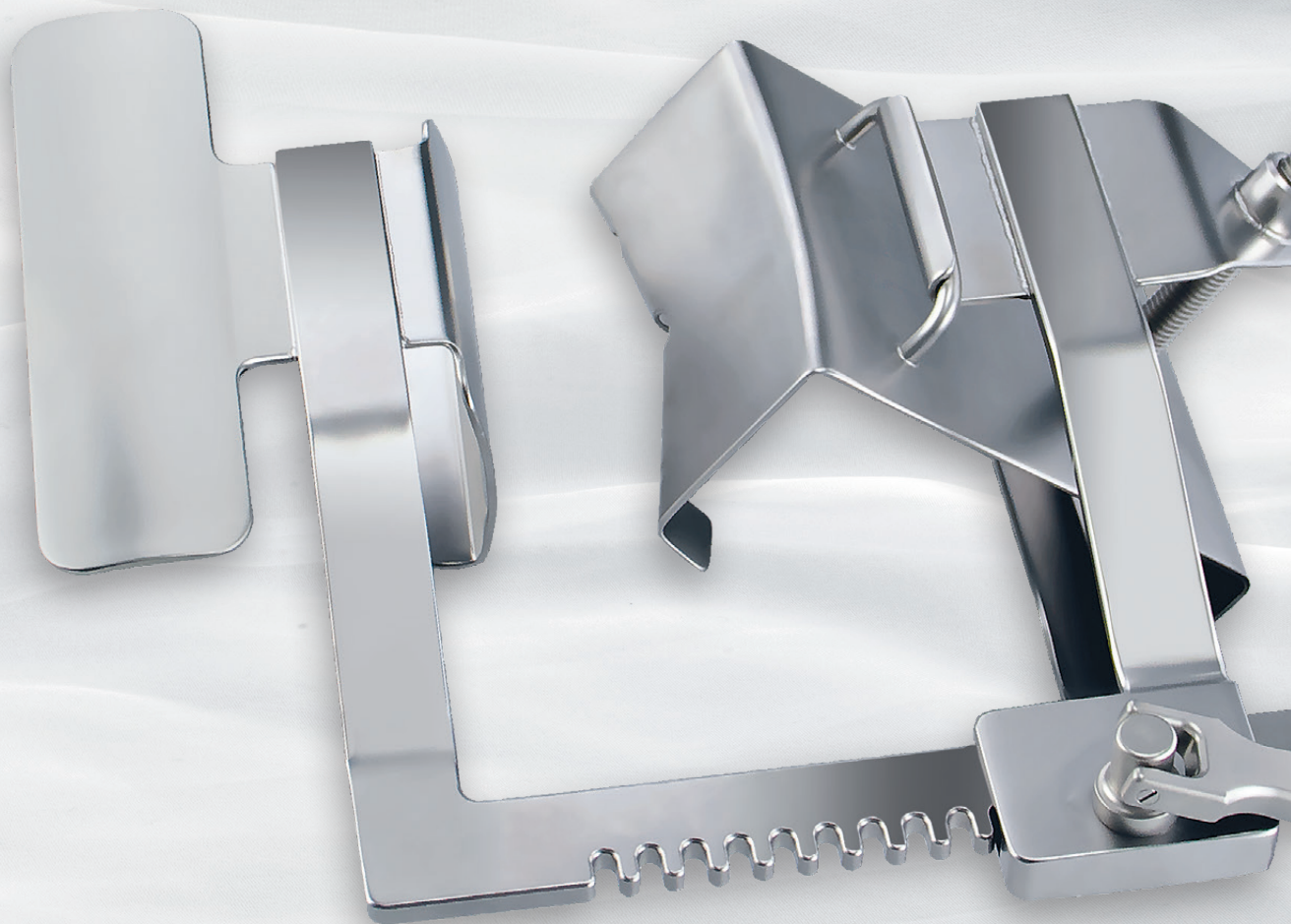
29-0950.30 30 mm 20 mm (4)

29-0950.40 40 mm 20 mm (4)



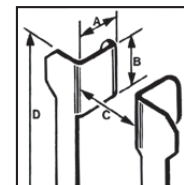
Bugge™
Lifting Retractor

29-1010



Lifting Retractor

GEISTER®



Bugge™
Lifting Retractor

Art.-No.	A	B	C	D	
29-1010	55 mm	80 mm	170 mm	130 mm	regular model

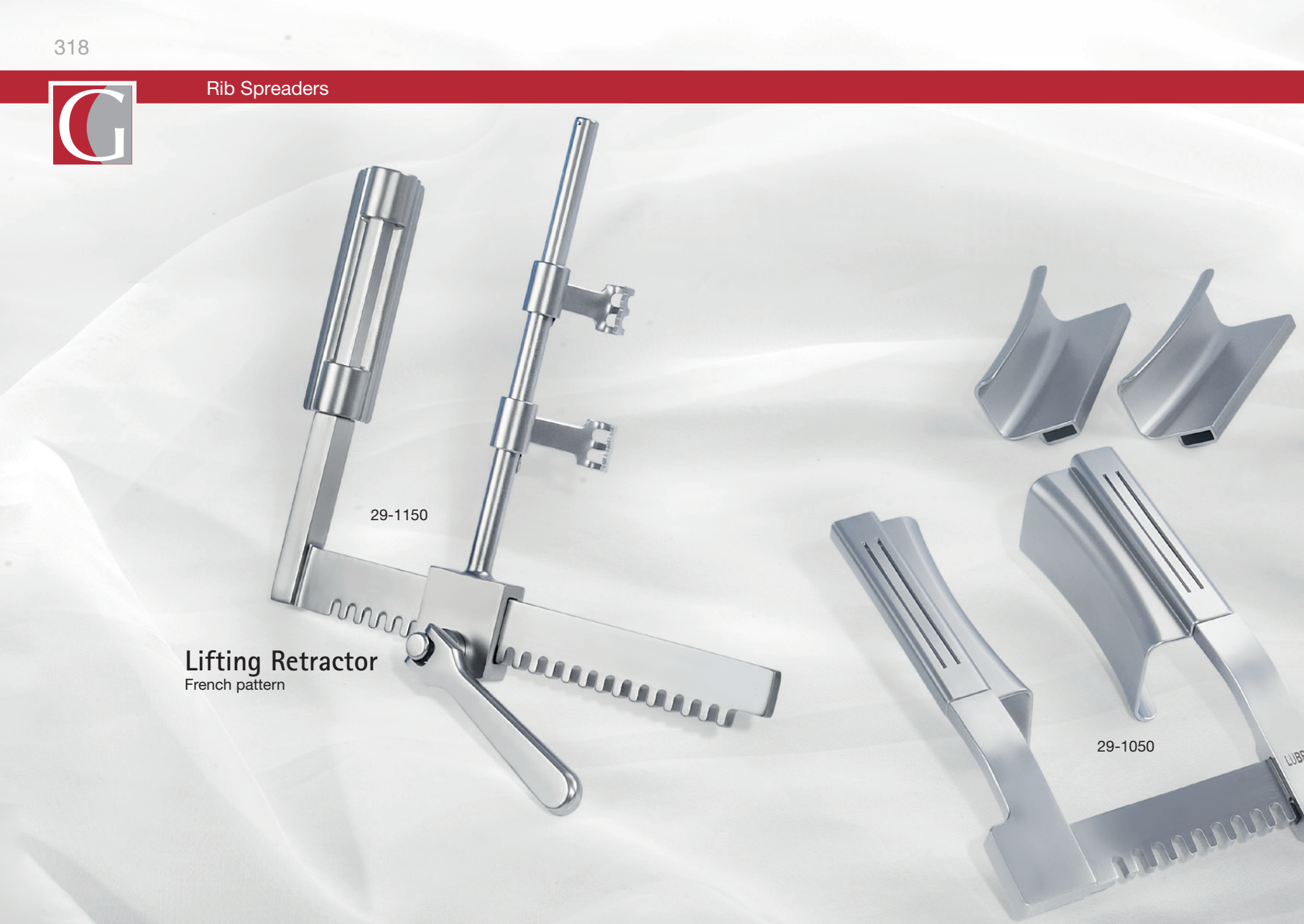


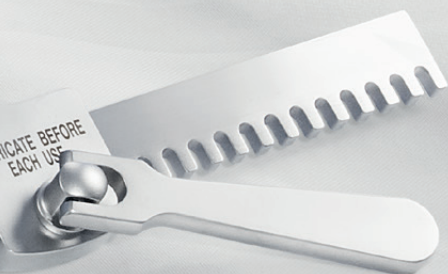
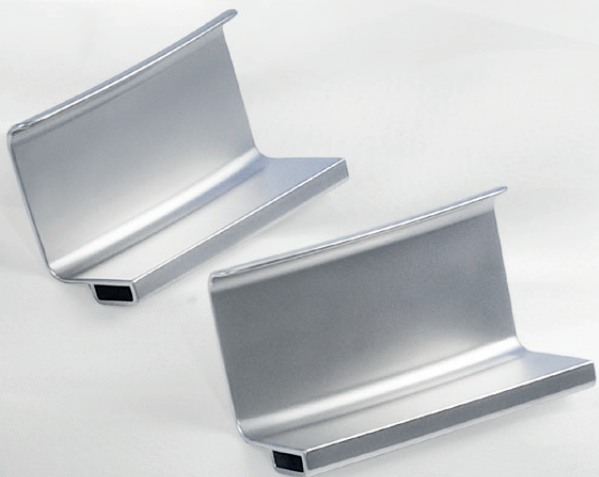
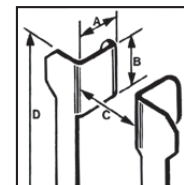
Lifting Retractor
French pattern

29-1150

29-1050

LUB





Dubost

Dubost

with 3 pairs of blades

Art.-No.	Fig.	A	B	C	D
29-1050	with 3 pairs of monobloc blades		200 mm	175 mm	–
29-1050.30	L	30 mm	100 mm		
29-1050.40	XL	40 mm	100 mm		
29-1050.50	XXL	50 mm	100 mm		

Lifting Retractor French pattern

Art.-No.		A	B	C	D
29-1150	with 3 blades	–	–	150 mm	150 mm
29-1150.CB	Sternum blade	20 mm	100 mm		
29-1150.CS	Blade short	28 mm	15 mm		
29-1150.CL	Blade long	32 mm	15 mm		

Optional extra blades

Art.-No.	A	B	C	D
29-1151	38 mm	20 mm	–	–



29-0102

Finochietto-Infant

Aluminium

29-0100

GEISTER

Rib Spreaders

GEISTER®

29-0105

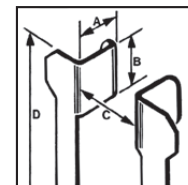
Baby-Haight

Aluminium

Finochietto-Mini

Stainless Steel

29-0090

**Aluminium**

The specific gravity of Aluminium is very low (2.7), approximately only one third of steel (7.8). Therefore, products made of Aluminium are very light-weight. At the same time it has a high tensile strength, which makes it so suitable as durable structural material for spreading instruments.

Aluminum is also non-magnetic, corrosion-resistant and recyclable. The surface of our Aluminium Rib Spreaders is anodized for a smooth non-glare appearance. Aluminium requires the use of non-alkaline, neutral cleaning agents in combination with fully demineralized water for cleaning and sterilization. Otherwise damages to the anodized surface are possible. Many of our Aluminium Rib Spreader models are also available in stainless steel alternatively, usually identified by ".RS" behind the article number.

Finochietto-Mini

Aluminium	Steel	Fig.	A	B	C	D
–	29-0090	XXS	6 mm	7 mm	36 mm	25 mm

Finochietto-Infant

Aluminium	Steel	Fig.	A	B	C	D
29-0100	29-0100.RS	XS	12 mm	15 mm	70 mm	55 mm
29-0102	29-0102.RS	S	12 mm	20 mm	95 mm	75 mm

Baby-Haight

Aluminium	Steel	Fig.	A	B	C	D
29-0105	29-0105.RS	M	28 mm	30 mm	100 mm	75 mm

**Finochietto**

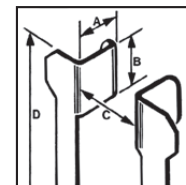
Aluminium

29-0114

29-0110



29-0112

**Finochietto**

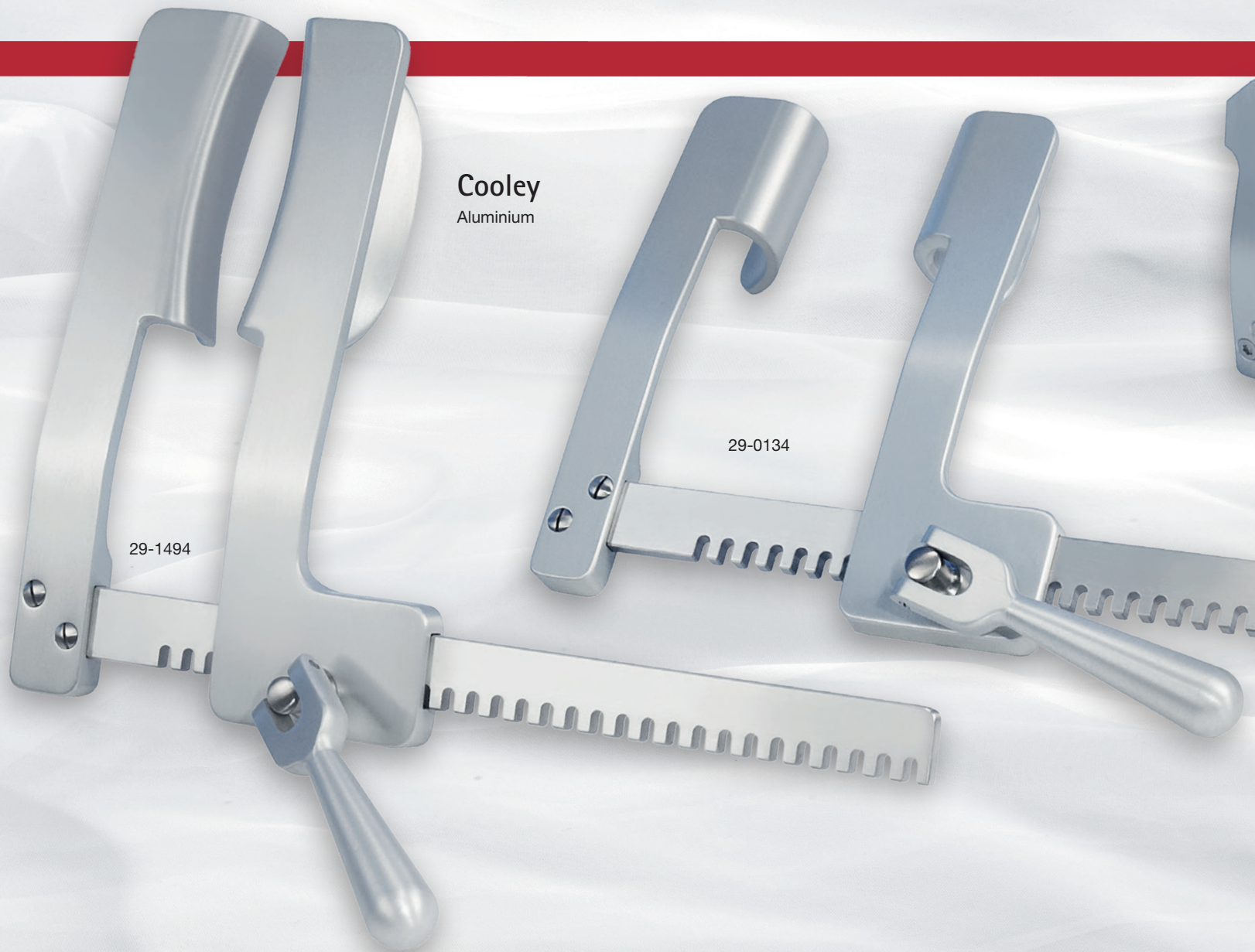
Aluminium	Steel	Fig.	A	B	C	D
29-0110	29-0110.RS	ML	30 mm	45 mm	140 mm	110 mm
29-0112	29-0112.RS	L	42 mm	62 mm	175 mm	140 mm
29-0114	29-0114.RS	XL	75 mm	65 mm	175 mm	140 mm



Cooley
Aluminium

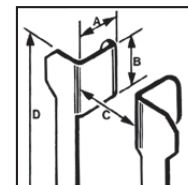
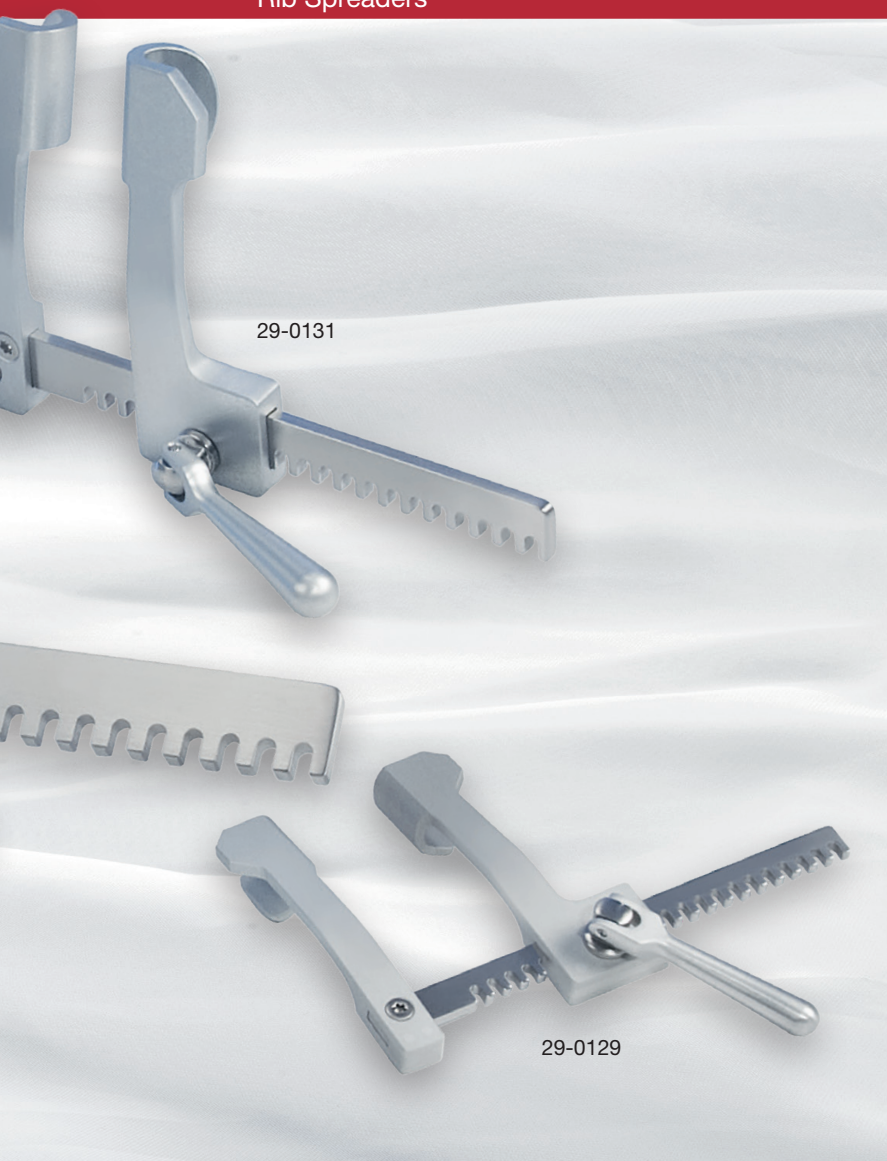
29-1494

29-0134



Rib Spreaders

GEISTER®

**Cooley**

Aluminium	Steel	Fig.	A	B	C	D
29-0130	29-0130.RS	XS	12 mm	15 mm	70 mm	55 mm
29-0129	29-0129.RS	S	14 mm	16 mm	80 mm	55 mm
29-0128*	29-0128.RS	SM	15 mm	20 mm	100 mm	80 mm
29-0131	29-0131.RS	M	15 mm	30 mm	110 mm	80 mm
29-0132	29-0132.RS	ML	20 mm	45 mm	140 mm	110 mm
29-0133	29-0133.RS	L	30 mm	50 mm	135 mm	145 mm
29-0134	29-0134.RS	L	30 mm	50 mm	185 mm	145 mm
29-1494	29-1494.RS	XL	35 mm	100 mm	180 mm	170 mm
29-1496	29-1495	XXL	35 mm	115 mm	230 mm	205 mm

with suture holder

29-1490	—	XL	35 mm	100 mm	180 mm	180 mm
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* with stabilizing pins in blade



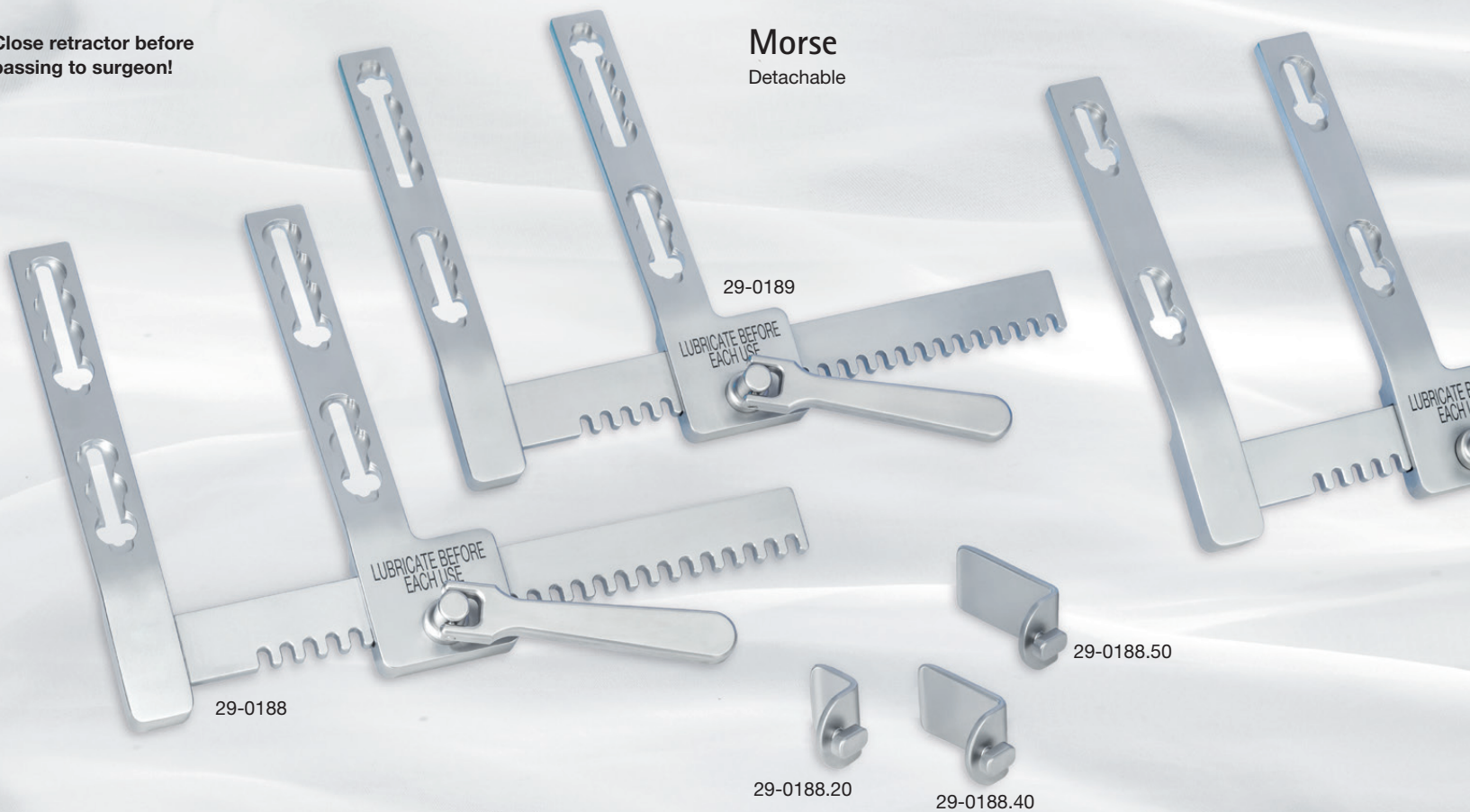
Rib Spreaders



Close retractor before
passing to surgeon!

Morse

Detachable



29-0189

LUBRICATE BEFORE
EACH USELUBRICATE BEFORE
EACH USE

29-0188

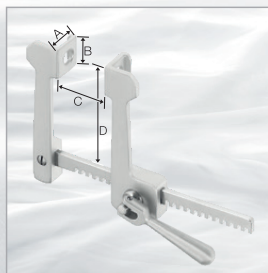
29-0188.50

29-0188.20

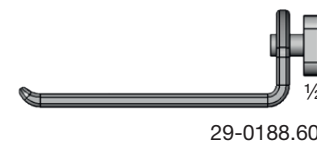
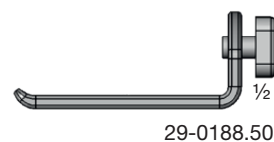
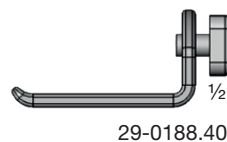
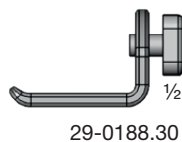
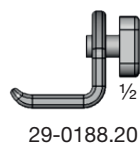
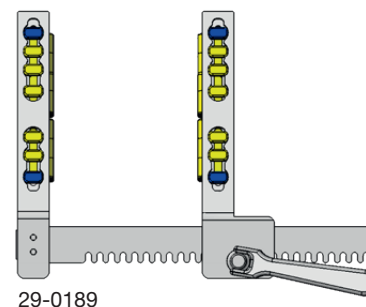
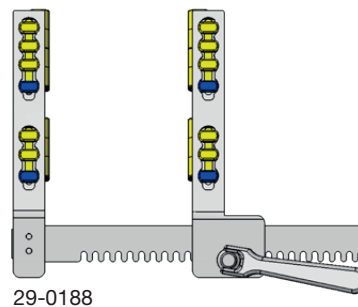
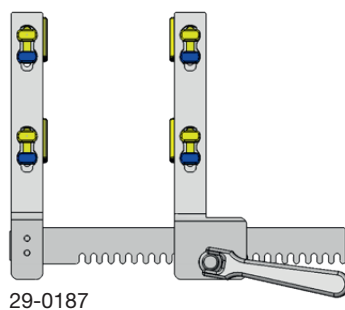
29-0188.40

Rib Spreaders

GEISTER®



● Plug-in
● Blades area

**Morse without blades****Stainless steel, detachable**

	C	D
29-0187	180 mm	150 mm
29-0188	195 mm	150 mm
29-0189	195 mm	150 mm

Modified Thorax Version

Blades

	A	B
29-0188.20	20 mm	28 mm
29-0188.30	30 mm	28 mm
29-0188.40	40 mm	28 mm
29-0188.50	50 mm	28 mm
29-0188.60	60 mm	28 mm

**Finochietto**

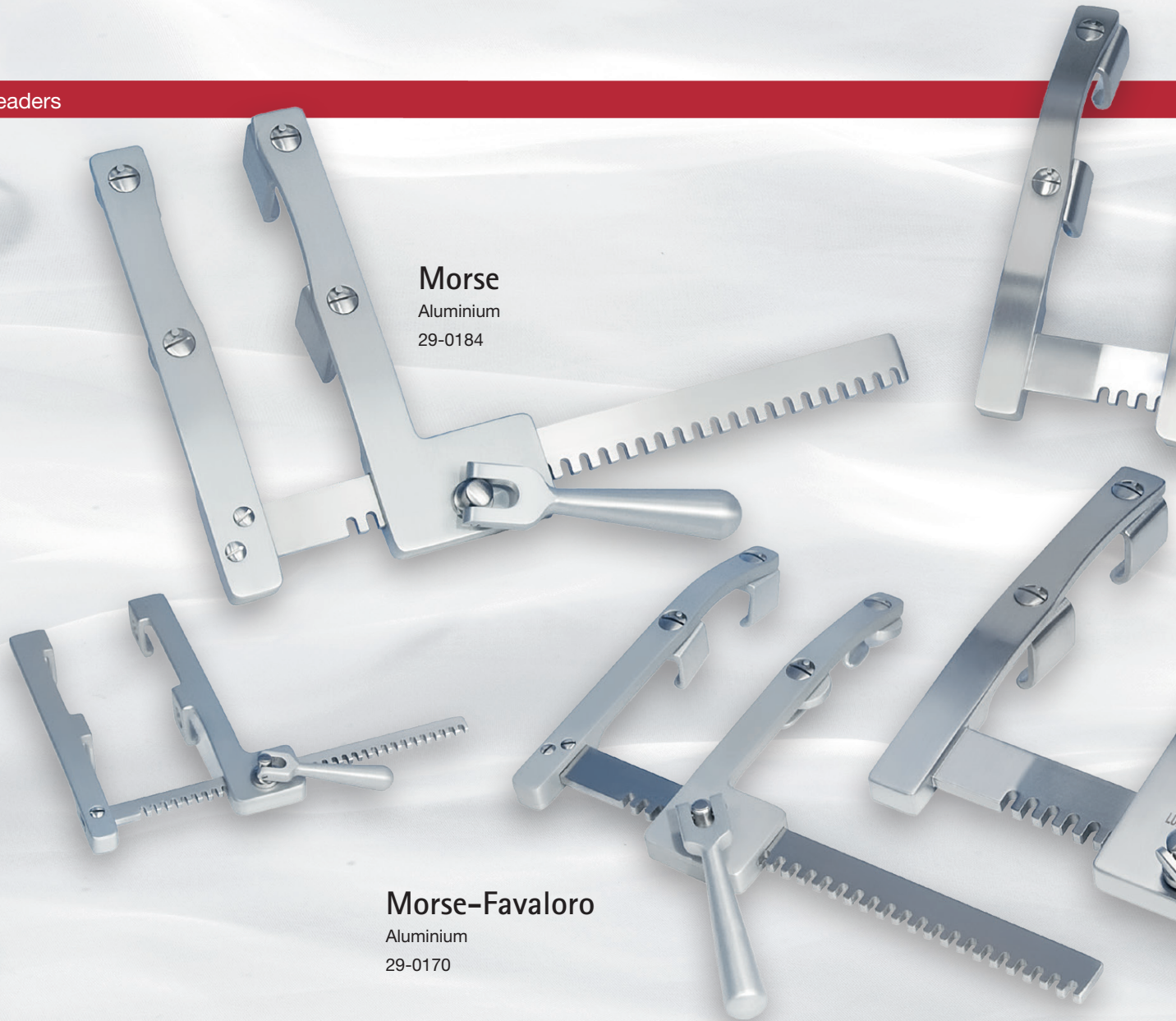
Aluminium
29-0120

Morse

Aluminium
29-0184

Morse-Favaloro

Aluminium
29-0170



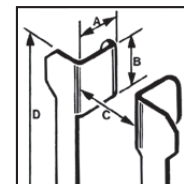
Rib Spreaders

GEISTER®

Morse USA

Stainless Steel

29-0183.RS



Finochietto

Aluminium	Steel	Fig.	A	B	C	D	blades
29-0120	–	S	10 mm	15 mm	120 mm	105 mm	2x2

Morse-Favaloro

Aluminium	Steel						
29-0170	29-0170.RS	M	12 mm	20 mm	155 mm	120 mm	2x2
29-0172	29-0172.RS	L	40 mm	20 mm	155 mm	175 mm	2x2

Morse USA

Aluminium	Steel						
29-0181	29-0181.RS	M	20 mm	20 mm	155 mm	120 mm	2x2
29-0183	29-0183.RS	L	20 mm	28 mm	210 mm	155 mm	2x2

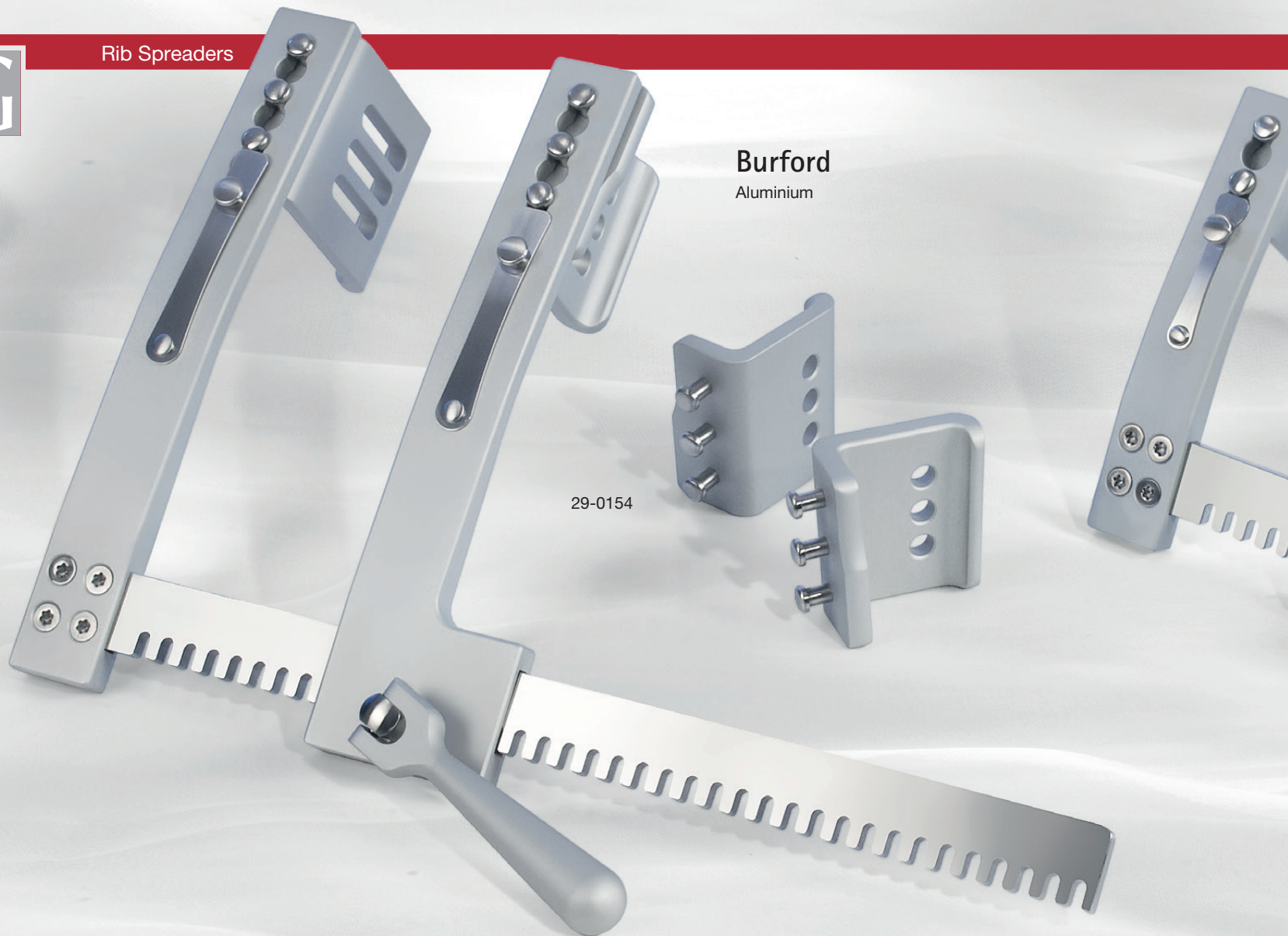
Type; Morse

Aluminium	Steel						
29-0180	29-0180.RS	M	20 mm	20 mm	155 mm	120 mm	2x2
29-0182	29-0182.RS	L	20 mm	28 mm	210 mm	155 mm	2x2
29-0184	29-0184.RS	L	30 mm	28 mm	210 mm	155 mm	2x2
29-0185	29-0185.RS	L	42 mm	28 mm	210 mm	155 mm	2x2
29-0186	29-0186.RS	XL	30 mm	35 mm	200 mm	195 mm	3x3



Burford
Aluminium

29-0154

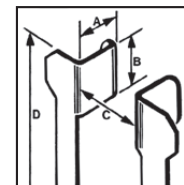


Rib Spreaders

GEISTER®



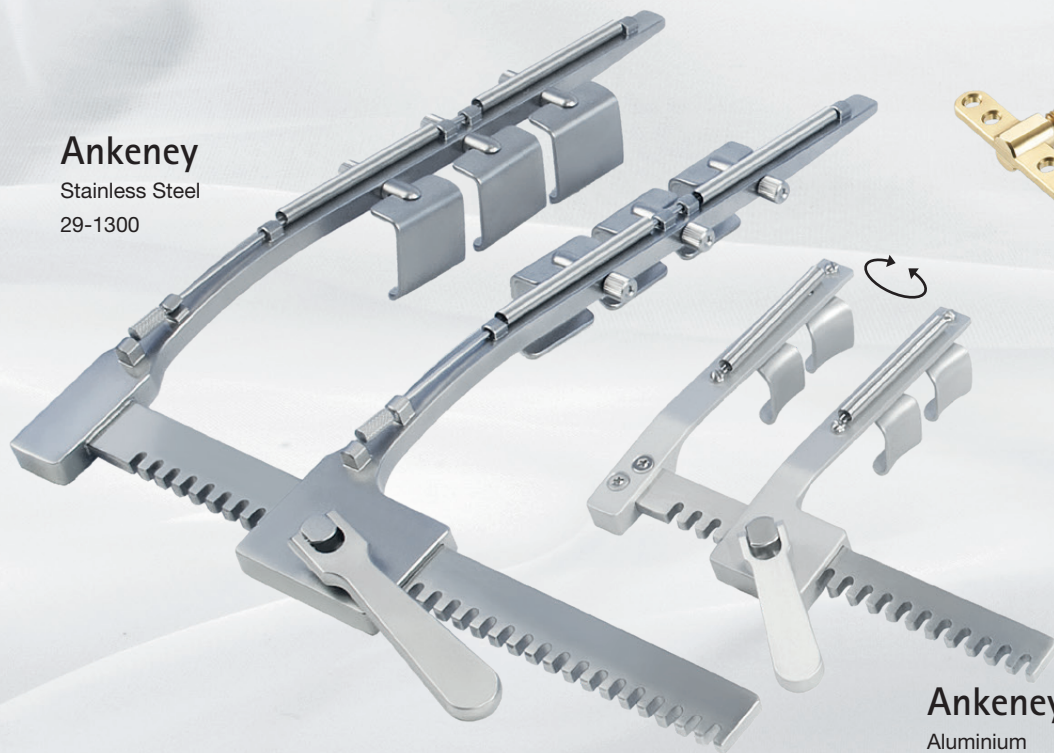
29-0150

**Burford with 2 pairs of blades**

Aluminium	Steel	Fig.	A	B	C	D
29-0150	29-0150.RS	ML	41 mm	42 mm 30 mm	130 mm 42 mm	117 mm
29-0152	29-0152.RS	L	45 mm	62 mm	175 mm	195 mm
		XL		65 mm	62 mm	
29-0154	29-0154.RS	L	45 mm	62 mm	250 mm	200 mm
		XL		65 mm	62 mm	
29-0156	29-0156.RS	L	45 mm	62 mm	290 mm	200 mm
		XL		65 mm	62 mm	

**Ankeney**

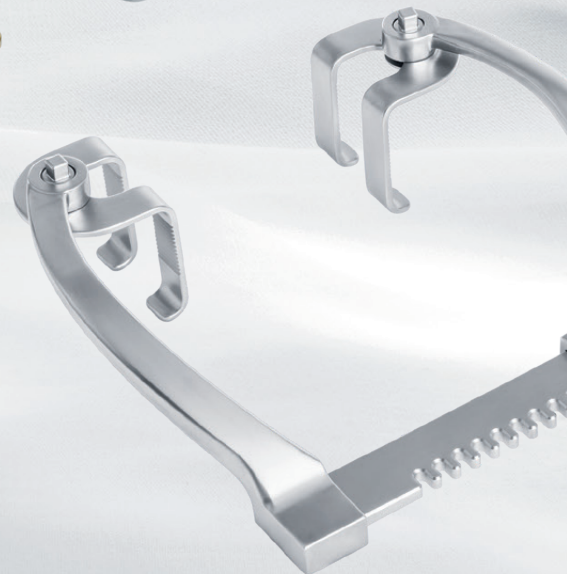
Stainless Steel
29-1300

**Mercedes**

29-1351

**Ankeney**

Aluminium
29-1299



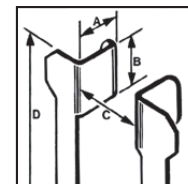
Rib Spreaders

GEISTER®

DeBakey

Stainless Steel

29-1370



Ankeney

Aluminium	Fig.	A	B	C	D
29-1299	M	20 mm	20 mm	125 mm	115 mm
Steel	Fig.	A	B	C	D
29-1300	XXL	33 mm	35 mm	220 mm	300 mm

optional extra blades

29-1300.42	42 mm	35 mm
29-1300.52	52 mm	35 mm

Spare Springs (Set of 4)

29-1300.FE

Mercedes

	Fig.	A	B	C	D
29-1351	L	75 mm	75 mm	280 mm	300 mm
		50 mm	65 mm		

DeBakey with 3 pairs of blades

Steel	Fig.	A	B	C	D
29-1360	XL	40 mm	100 mm	200 mm	225 mm
		50 mm	80 mm		
		60 mm	60 mm		
29-1370	ML	50 mm	50 mm	150 mm	180 mm
		40 mm	40 mm		
		30 mm	30 mm		

Sellors with 3 pairs of blades and key

Steel	Fig.	A	B	C	D
29-1600	L	40 mm	50 mm	200 mm	155 mm
		50 mm			
		70 mm			

Sellors

Stainless Steel

29-1600



Speroni-Alexi Infant

Stainless Steel

29-0990



Eufrate-Pasqué

Stainless Steel

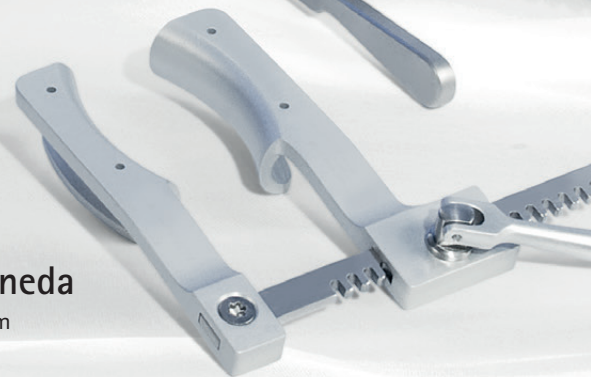
29-0197



Castaneda

Aluminium

29-0192

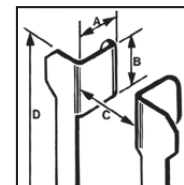


Speroni-Alexi

29-0989

29-0195

Ultra-Mini

Titanium
29-0095

Ultra-Mini with 2 pairs of blades

Titanium	Fig.	A	B	C	D
29-0095	XS	15 mm	10 mm	52 mm	40 mm
		15 mm	20 mm	–	–

Castaneda

Aluminium	Fig.	A	B	C	D
29-0190	XS	16 mm	30 mm	65 mm	55 mm
29-0192	S	12 mm	45 mm	73 mm	80 mm
29-0194	M	15 mm	60 mm	100 mm	125 mm

Speroni-Alexi Infant with 2x4 blades

Steel	Fig.	A	B	C	D
29-0990	S	20 mm	20 mm	135 mm	120 mm
		30 mm	20 mm	–	–

Speroni-Alexi

29-0989	M	40 mm	20 mm	135 mm	120 mm
		50 mm	20 mm	–	–

Size adjustable with free positionable blades. Usable with 2, 3 or 4 blades. Gently rounded for suture protection.

Eufrete-Pasqué

flip-over style

Steel	Fig.	A	B	C	D
29-0195	XS	10 mm	30 mm	65 mm	60 mm
29-0196	S	18 mm	45 mm	80 mm	70 mm
29-0197	M	18 mm	45 mm	90 mm	75 mm
29-0198	L	18 mm	55 mm	90 mm	90 mm



Rib Spreaders



Rib Spreader

29-1400

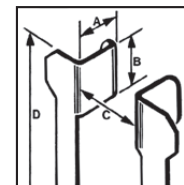


Tuffier

29-0220

Rienhoff-Finochietto

29-0230

**Baby-Haight**

29-0240

Rienhoff-Finochietto

Art.-No.	Fig.	A	B	C	D
29-0230	M	20 mm	25 mm	150 mm	110 mm

Baby-Haight

Art.-No.	Fig.	A	B	C	D
29-0240	S	30 mm	30 mm	85 mm	70 mm
29-0242	M	30 mm	30 mm	120 mm	90 mm

Tuffier

Art.-No.	Fig.	A	B	C	D
29-0220	M/L	42 mm	45 mm	170 mm	110 mm

Rib Spreader

Art.-No.	A	B	C	D
29-1400	38 mm	12 mm	70 mm	90 mm

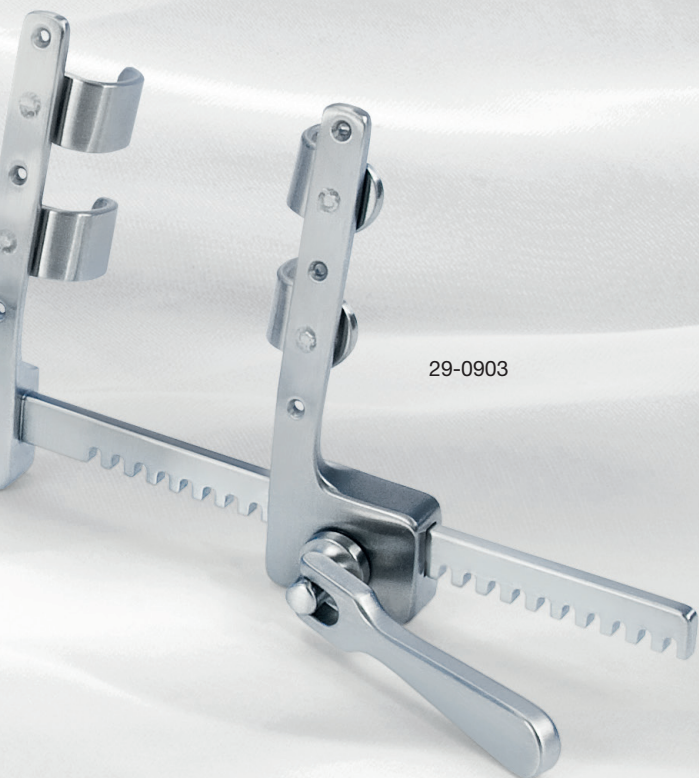


29-0905

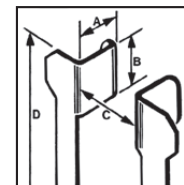
Amato Neonatal Sternal Retractors



29-0904



29-0903

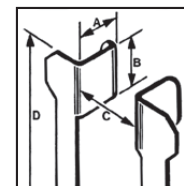


Amato Neonatal Sternal Retractors

The Amato neonatal sternal retractors* are designed to assist in avoiding bowing of the chest by spreading pressure over 2 or 3 points, rather than only one area. The selection of three sizes with arm length of 4 cm, 5.9 cm and 8.9 cm provides flexibility in matching retractor size to the incision.

Art.-No.	Fig.	A	B	C	D	blades
29-0905	SM	14 mm	13 mm	70 mm	89 mm	6
29-0904	S	14 mm	13 mm	70 mm	59 mm	4
29-0903	XS	10 mm	10 mm	60 mm	40 mm	4



**Mohr ValveGate™ Retractors**

and turnable crossbar (detachable) for accessories

Art.-No. Retractor**complete**

29-1395	straight arms, tubular Blades
29-1390	curved arms, tubular Blades, with strong spreading bar
29-1390.45	curved arms, tubular Blades, with strong spreading bar
29-1390.80	curved arms, tubular Blades, with strong spreading bar

A	B	C	D
60 mm	40 mm	90 mm	120 mm
60 mm	40 mm	120 mm	75 mm
45 mm	40 mm	90 mm	75 mm
80 mm	40 mm	120 mm	75 mm

with hinged arms, exchangeable blades**Art.-No.**

29-1396	with 2 x 2 paralle blades
29-1396E2	with 2 x 2 tubular blades**
29-1396E3	with 3 x 2 tubular blades**

Art.-No.**Blade Pair**

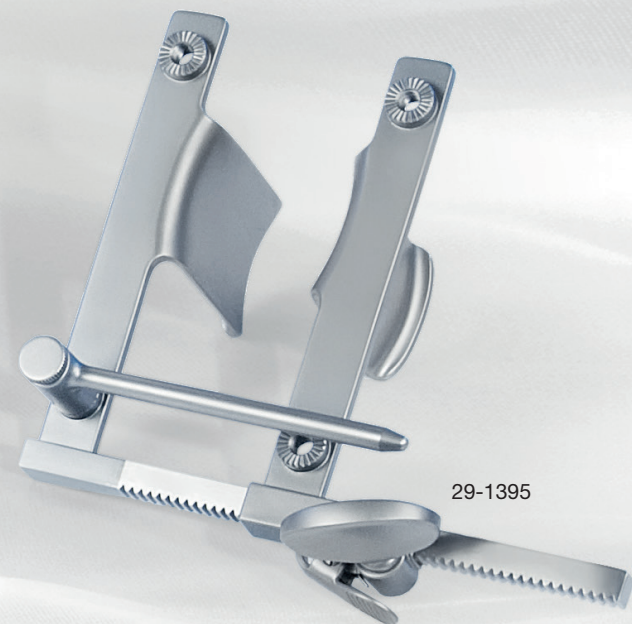
29-1396.40	36 mm	36 mm	165 mm	100 mm
29-1396.50	51 mm	36 mm		
29-1396E.50	50 mm	40 mm	165 mm	100 mm
29-1396E.70	70 mm	40 mm		
29-1396E.30	30 mm	40 mm	165 mm	100 mm
29-1396E.50	50 mm	40 mm		
29-1396E.70	70 mm	40 mm		

Accessories Recommended Accessories**Art.-No.**

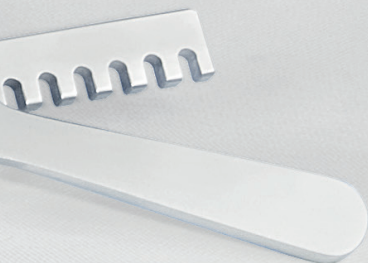
29-1395.TB	Extra turnable crossbar	
29-1500.HS	Cooley, rigid, curved basket	230 mm, 20 mm
29-1428	Fixation Clamp	Ø 6 mm
10-8000	Blade Changing Forceps (is including in 29-1396, 29-1396E2, 29-1396E3)	

* shown with 29-1428 and 29-1500.HS (not included).

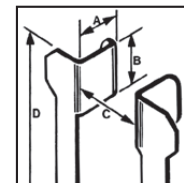
** also available with fenestrated blades. Add „M“ behind article number.



29-1395







Mini Lifting Retractor, French-type

Art.-No.	A mm	B mm	C mm	D mm
29-1155	20	24	110	75

Berdar Lifting Retractor

Art.-No.	A mm	B mm	C mm	D mm
29-1156	11	60		155
	21	60		
	26	60		
	56	50		

Thora-Lift™ Retractor

- + stable rib elevation
- + facilitates harvesting
- + excellent exposure
- + larger operating area
- + choice of 2 lower blades
- + choice of 3 upper blades

left side open

Art.-No.

29-1120

right side open

Art.-No.

29-1121

A mm	B mm	C mm	D mm
115	40		120
90	40		
70	40		
45	40		
35	40		

French-type Lifting Retractor

Art.-No.	A mm	B mm	C mm	D mm
29-1160	37	12	180	150
	37	20		

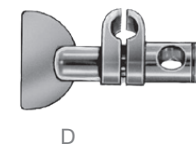
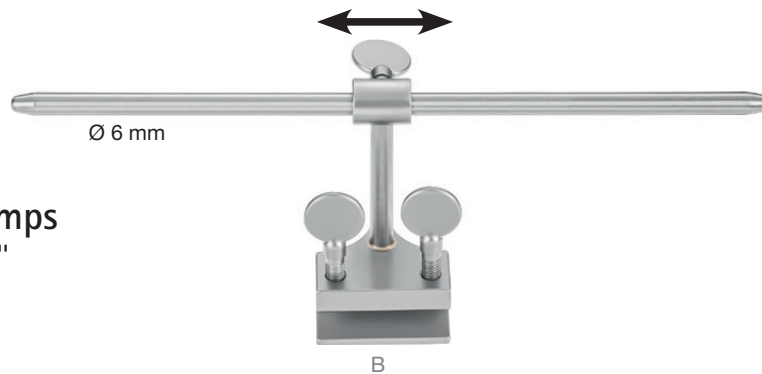
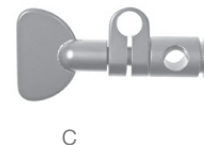
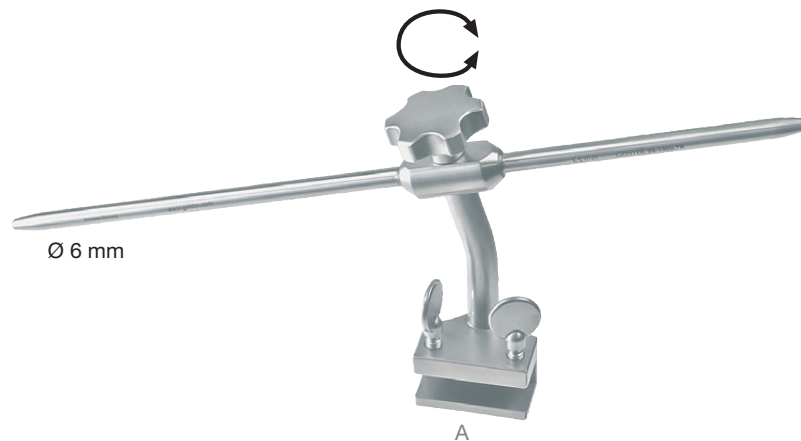
Retractor

Art.-No.	A mm	B mm	C mm	D mm
29-0930	55	50	95	85
	65	50		

small version

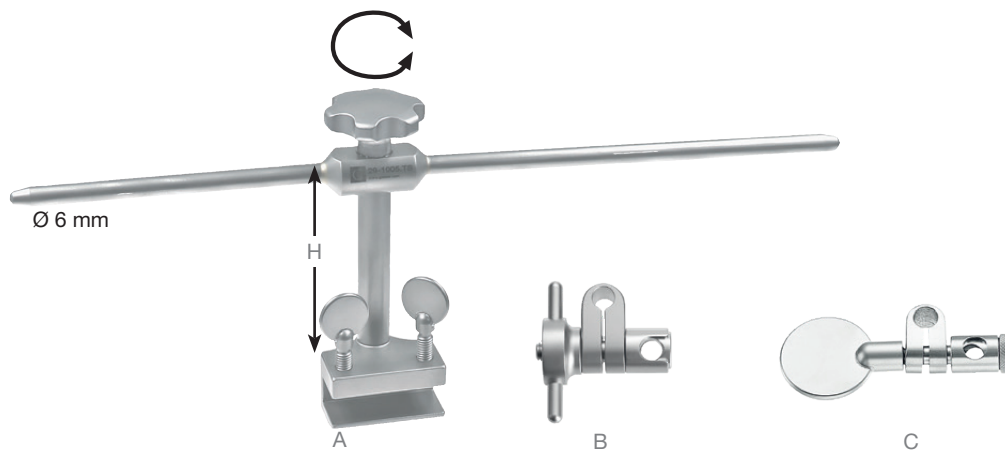
Art.-No.	A mm	B mm	C mm	D mm
29-0929	45	40	95	85
	55	40		

* bold = shown



T-bars and Fixation Clamps

Fig.	Art.-No.	Ø	Length mm / "
A	29-1005.TB	6 mm	250 / 10
B	29-1414	6 mm	180 / 7
C	29-1428	6 mm	
D	29-1429	6 mm	splitted



T-bars and Fixation Clamp

Fig.	Art.-No.	Ø	Length mm / "	Hight (H)
A	29-1005.TS	6 mm	200 / 10	60 mm
	29-1005.TL			30 mm
B	29-1511	6 mm		
C	29-1500.FC	6 mm		



Mini Iron Assistant™

Fig.	Art.-No.	Hight
D	29-1515	60 mm
E	29-1516	



A



B

Tissue Stabilizer

large

Fig. Art.-No.

A 29-1436

small

B 29-1438



A



B



C

Tissue Stabilizer

Fig. Art.-No.

A 29-1435

Spatula, Multi-Purpose

Art.-No.

B 29-1437

Bulldog Clamp, with rod DeBakey-Diethrich

Art.-No.

C 29-1440

**Ross Retractor**

serrated, 25 cm

Fig. Art.-No.

A	29-1471	16 x 16 mm	small
A	29-1472	24 x 14 mm	medium
A	29-1473	24 x 17 mm	large

Marberger, 24 cm**Fig. Art.-No.**

B	29-1445	17 mm	small
B	29-1446	20 mm	medium
B	29-1447	23 mm	large

Cooley, Wirebasket

malleable, 26 cm

Fig. Art.-No.

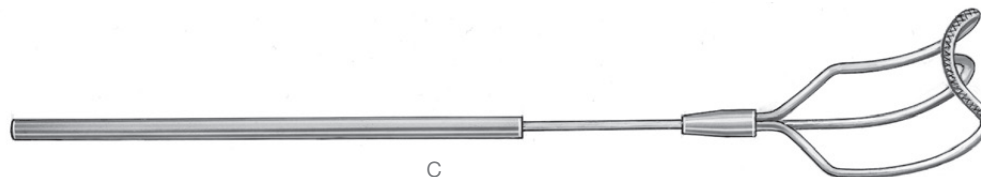
C	29-1430	20 mm	small
C	29-1431	35 mm	medium
C	29-1432	45 mm	large



A



B



C



29-1500.HS

A



29-1500.HT

A



B

Cooley, Wirebasket

rigid, 24 cm

Fig.	Art.-No.	Length/Width	
A	29-1500.HS	20 mm	small
A	29-1500.HM	35 mm	medium
A	29-1500.HT	45 mm	tricuspid
A	29-1500.HL	45 mm	large

Spatula, Multi-Purpose

26 cm

Fig.	Art.-No.	
B	29-1500.BH	20 mm



Multitrakt™ Universal Table Mounted Retractor System

A multipurpose retractor featuring independently moveable arms. The unique multi-plane positioning allows for virtually unlimited angle and retractor blade placement. Quick-connect blade clamps feature Fast-Lock turret design.

+ Universal Positioning Frame with Independently Moving Arms

More options for positioning than a fixed frame system

+ Locking Pivotal Neck

Move complete retractor set-up with the push of a button

+ Traditional Side Rail Attachment

Familiar setup procedure

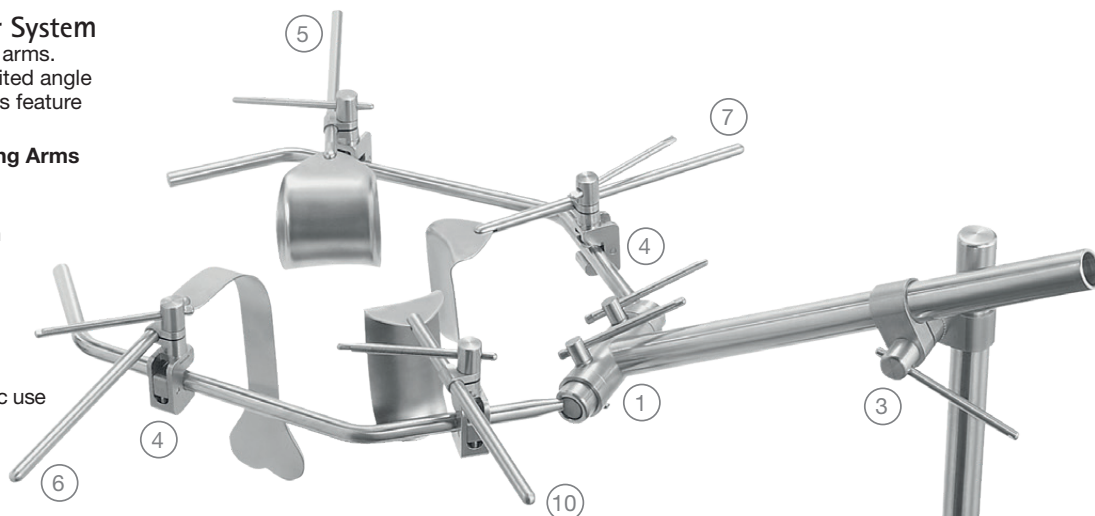
+ Equipped with a Variety of Retractor Blades

Adaptable to virtually any open procedure

+ Now Available with Bariatric Blades

See reverse side for sizes and types of retractors for bariatric use

+ Retractor arms can be independently moved in all directions and tightened into position.



Complete

Art.-No. Description

30-4000 Consisting of:

Qty.			
1	30-4010	Retractor Frame	1 ea
2	30-3131	Table Post Ø25 mm, 45 cm	1 ea
3	30-4025	Post Coupling Ø25 mm	1 ea
4	30-4031	Fixation Clamp(snap-on)	6 ea

Retractor blades

5	30-4050	Balfour 65 x 75 mm, movable	1 ea
6	30-4052	Harrington 25/60 x 150 mm, movable	1 ea
7	30-4055	Spatula 200 x 75 mm, malleable	1 ea
☐	30-4056	Spatula 150 x 50 mm, malleable	1 ea
☐	30-4060	Kelly 50 x 75 mm	1 ea
10	30-4061	Kelly 50 x 100 mm	1 ea

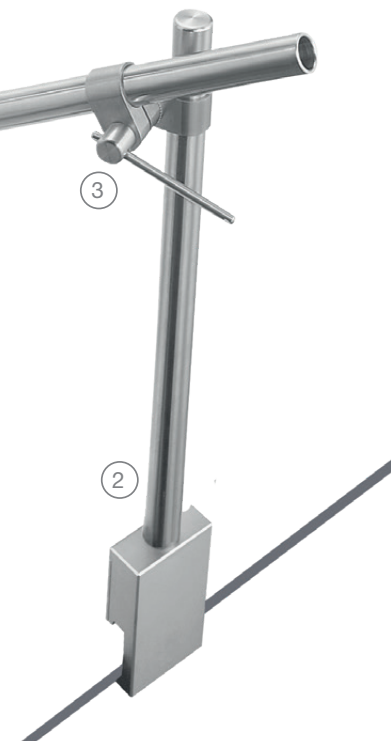
☐ not illustrated

Multitrakt™ Pediatric Retractor System Complete

Art.-No. Description

30-4001 Consisting of:

Qty.			
☐	30-4010.S	Retractor Frame, small	1 ea
2	30-3131	Table Post Ø25 mm, 45 cm	1 ea
3	30-4025	Post Coupling Ø 25 mm	1 ea
☐	30-4027	Extension Bridge	1 ea
4	30-4031	Fixation Clamp(snap-on)	4 ea



Illustrations not 1:1

Retractor blades movable

Art.-No.	Description	Qty.
1 30-4046	Balfour 69x50 mm movable	1 ea
☐ 30-4047	Balfour 81x59 mm movable	1 ea
2 30-4048	Balfour 88x59 mm movable	1 ea
☐ 30-4049	Balfour 88x99 mm movable	1 ea
3 30-4051	Balfour 78x88 mm movable	1 ea

**Optional blades**

Art.-No.	Description	Qty.	Art.-No.	Description	Qty.
1 30-4053	Harrington 38/90x200 mm	1 ea	7 30-4062	Kelly 65x250 mm	1 ea
2 30-4054	Harrington 63/88x200 mm	1 ea	7 30-4063	Kelly 50x150 mm	1 ea
3 30-4055.SL	Spatual 165x75 mm, fenestrated, 90°	1 ea	8 30-4070	Joe's Hoe 90x175 mm	1 ea
4 30-4056.SL	Spatual 150x50 mm, fenestrated, 90°	1 ea	9 30-4075	Vent 100x180 mm	1 ea
5 30-4057	Spatula 75x250 mm, malleable	1 ea	10 30-4076	Urology 38-81x175 mm	1 ea
5 30-4058	Spatula 100x300 mm, malleable	1 ea	10 30-4077	Urology 50x153 mm	1 ea
6 30-4059	Spatula 50x200 mm, malleable	1 ea			





Multitrakt™ Universal Table Mounted Retractor System



Optional blades

Art.-No.	Description	Qty.	Art.-No.	Description	Qty.
11 30-4080	13x100 mm with protective end	1 ea	11 30-4092	100x250 mm with protective end	1 ea
11 30-4081	19x100 mm with protective end	1 ea	11 30-4093	100x300 mm with protective end	1 ea
11 30-4082	25x125 mm with protective end	1 ea	11 30-4094	150x225 mm with protective end	1 ea
11 30-4083	38x150 mm with protective end	1 ea	11 30-4095	150x300 mm with protective end	1 ea
11 30-4084	50x200 mm with protective end	1 ea	12 30-4098.02	Splanchnic 60x100 mm	1 ea
11 30-4085	50x250 mm with protective end	1 ea	12 30-4098.09	Splanchnic 100x150 mm	1 ea
11 30-4086	50x250 mm with protective end	1 ea	13 30-4110	Wylie 25x175 mm	1 ea
11 30-4087	75x150 mm with protective end	1 ea	14 30-4111	Splanchnic rigid 100x125 mm	1 ea
11 30-4088	75x200 mm with protective end	1 ea	14 30-4112	Splanchnic rigid 56x138 mm	1 ea
11 30-4089	75x250 mm with protective end	1 ea	15 30-4175	Balfour (Mayo) 25x25 mm	1 ea
11 30-4090	75x300 mm with protective end	1 ea	15 30-4176	Balfour (Mayo) 51x51 mm	1 ea
11 30-4091	100x200 mm with protective end	1 ea			



①



②



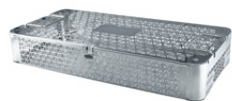
③



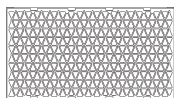
④

Optional others

Art.-No.	Description	Qty.
☐ 30-4013	Retractor Frame with long arms	1 ea
☐ 30-4014	Short arms for 30-4013	1 ea
1 30-4025C	Post Coupling Ø25 mm quick-conne	1 ea
2 30-4031.HD	extension handle	1 ea
3 29-3730.90	Adjustable cable winch retractor	1 ea
4 29-1175.10	Upper handle bar 32 cm	1 ea



①



②

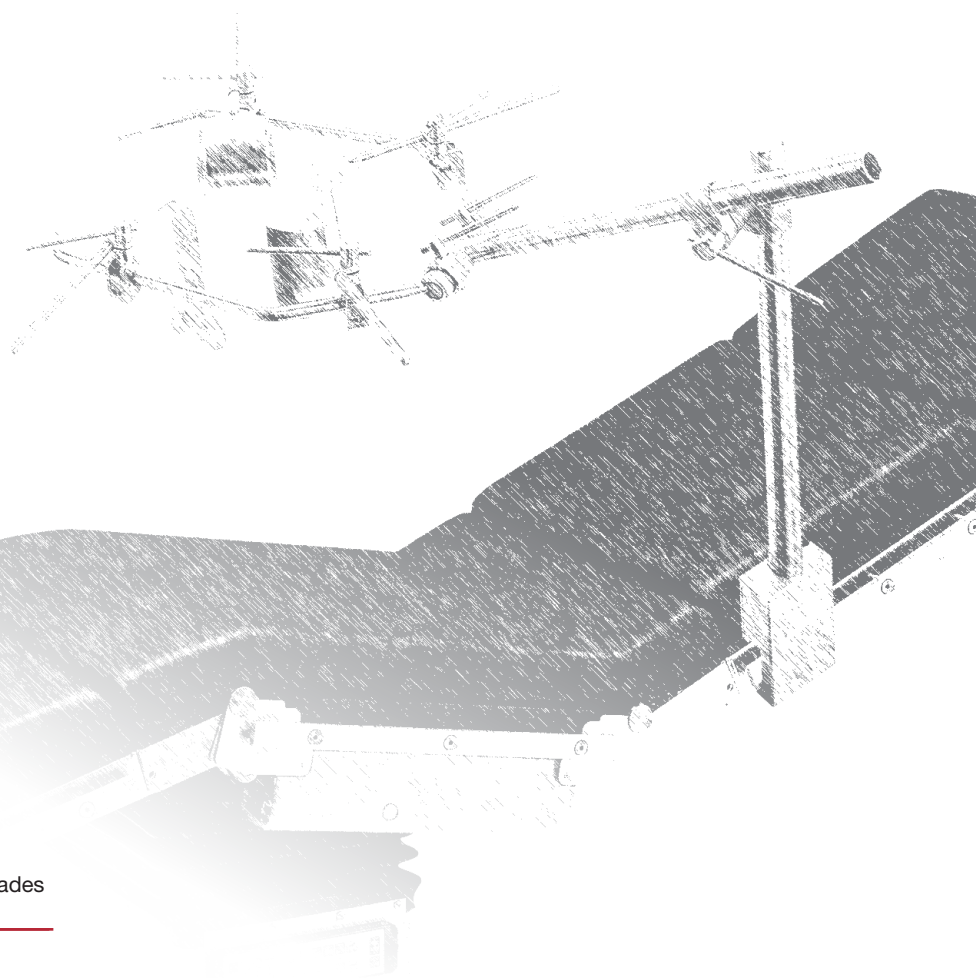


③

Storage tray and sterilization

Art.-No.	Description	for example
1 77-1304	Tray 1/1 (539x250x130 mm)	for 30-4000
2 77-1304.50	Intermediate bottom (445x240 mm)	for retractor blades
3 77-1022	SurgiBOX™ 600 1/1, 600x290x170 mm	for 77-1304

Illustrations not 1:1





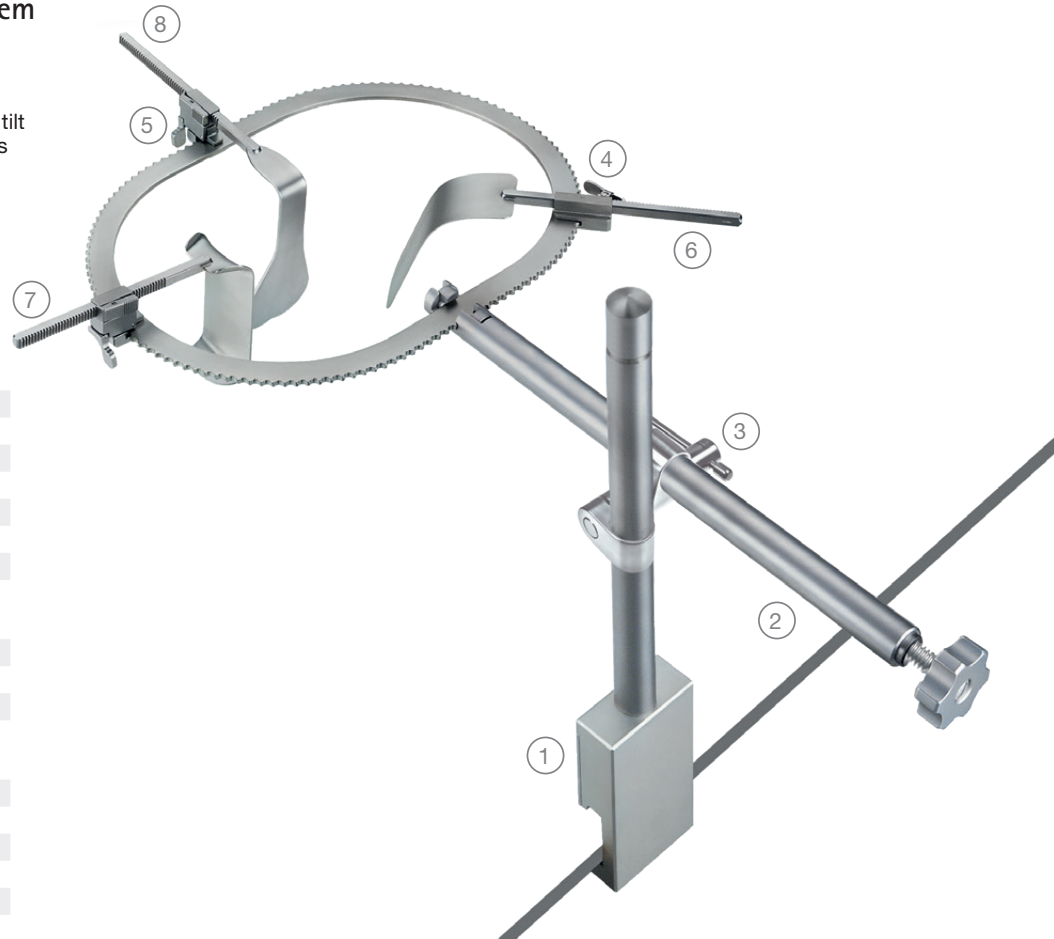
Bauchmeister™ table mounted Abdominal Retractor System

- + Provides multi-directional surgical site exposure
- + Applicable in a wide variety of abdominal procedures
- + Easy to assemble
 - consisting of solid and segmented rings, two types of horizontal bars, tilt and non-tilt ratchets and a wide selection of rigid and malleable blades
- + Use can be easily expanded by adding extra accessories
 - e.g. Rectal Surgery accessories
- + Traditional Side Rail Attachment
 - familiar setup procedure

Complete – Bauchmeister™ Basic Kit

Art.-No.	Description	Qty.
01-1550	Consisting of:	
1 30-3131	Table Post Ø 25 mm, 45 cm	1 ea
2 30-3102	Horizontal Bar Ø 25 mm, 40 cm	1 ea
3 30-3132	Horizontal Bar 365°, Ø 25 mm, 40 cm	1 ea
3 30-3104	Post Coupling Ø 25 mm	1 ea
4 30-3129	Ratchet	2 ea
5 30-3130	Tilt ratchet	6 ea
6 30-3107	ring oval medium (410x290 mm)	1 ea
7 30-3133	ring oval medium segmented (535x290 mm)	1 ea
Retractor blades malleable		
8 30-3111	spatula 51 mm malleable	2 ea
6 30-3112	spatula 38 mm malleable	2 ea
4 30-3117	spatula 76 mm malleable	2 ea
Retractor blades		
5 30-3118	Kelly 51 x 76 mm	2 ea
7 30-3119	Kelly 51 x 102 mm	1 ea
4 30-3120	Kelly 51 x 127 mm	1 ea
4 30-3121	Kelly 51 x 152 mm	1 ea
4 30-3126	Balfour 67 x 76 mm	1 ea
8 30-3116	Harrington 63 x 143 mm	1 ea
4 30-3127	Gelpi sharp	1 ea

☐ not illustrated



Illustrations not 1:1

**Optional retractor blades**

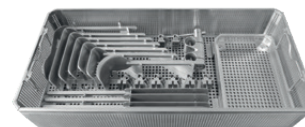
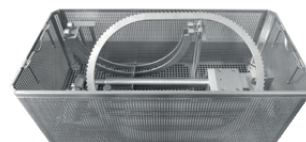
Art.-No.	Description	Qty.	Art.-No.	Description	Qty.
1 30-3122	Kelly 51x63 mm	1 ea	5 30-3125	Kelly 25x 63 mm	1 ea
2 30-3113	Kelly 51x51 mm	1 ea	6 30-3192	Deaver small 25x 89 mm	1 ea
3 30-3115	Kelly 51x38 mm	1 ea	7 30-3193	Deaver large 25x127 mm	1 ea
4 30-3124	Kelly 25x38 mm	1 ea			

Optional others

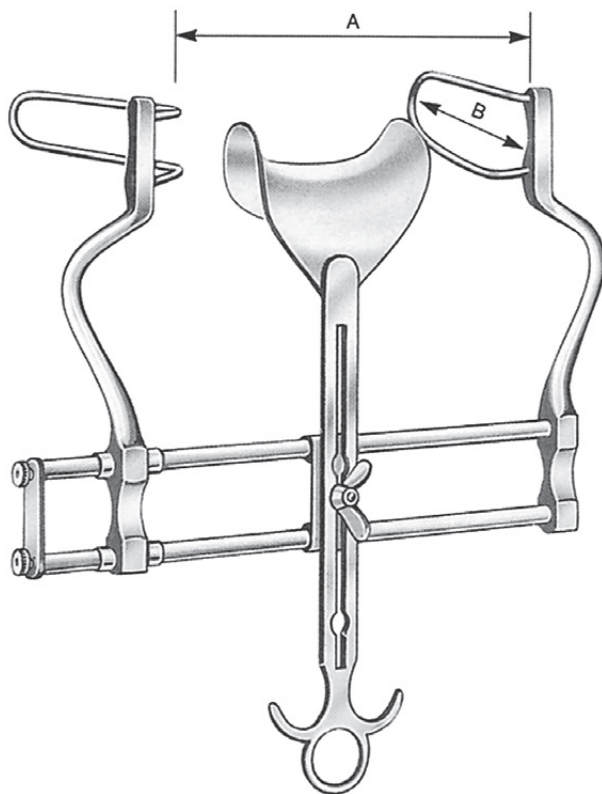
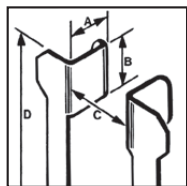
Art.-No.	Description	Qty.
9 30-3128	Tilt ratchet rotatable	1 ea
10 30-3103	Vertikal Bar Ø25 mm, 30 cm	1 ea
11 29-3730.90	Adjustable cable winch retractor	1 ea
12 29-1175.10	Upper handle bar 32 cm	1 ea

**Optional rings**

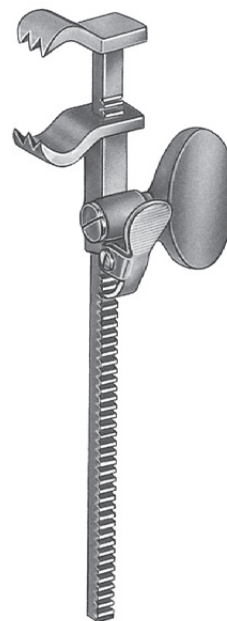
Art.-No.	Description	Qty.
8 30-3137	ring oval small segmented (390x250 mm)	1 ea
8 30-3138	ring oval large segmented (540x355 mm)	1 ea

**Storage tray and sterilization**

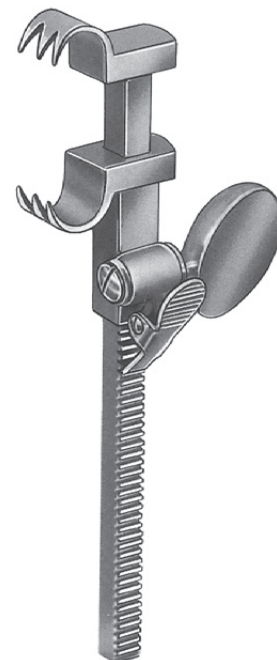
Art.-No.	Description	for example
13 77-5000	Tray Set (540x255x190 and 100 mm)	for 01-1550
14 77-7015	Container 590x290x220 mm lid red	for 77-5000
15 77-7011	Container 590x290x135 mm lid red	for 77-5000

**Balfour**

Art.-No.	A	B
30-2330	160 mm	70 mm
30-2335	250 mm	100 mm

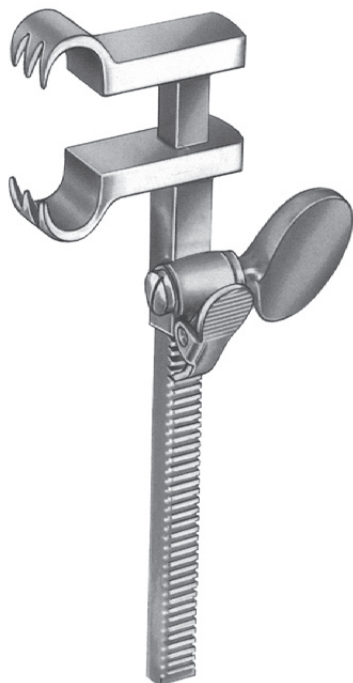
**Bailey-Baby**

Art.-No.	Length
29-0340	150 mm/6"

**Bailey**

short arm

Art.-No.	Length
29-0320	165 mm/6 1/4"



Bailey

long arm

Art.-No. Length

29-0325 200 mm/8"



Sellors

Art.-No. Length

29-0310 200 mm/8"



Lemmon

Art.-No. Length

29-0330 180 mm/7"



Fat Retractor

3 x 3 blunt prongs

Art.-No.	Size	Length
30-1001	Mini	25 mm
30-1002	Small	31 mm
30-1003	Medium	38 mm
30-1005	Large	54 mm

3 x 3 sharp prongs

30-1001.SH	Mini	25 mm
30-1002.SH	Small	31 mm
30-1003.SH	Medium	38 mm
30-1005.SH	Large	54 mm



Finsen

2 x 3 blunt prongs

Art.-No.	Size	Length
30-1011	Large	50 mm
30-1013	Extra-Large	70 mm

2 x 3 sharp prongs

30-1010	Large	50 mm
30-1012	Extra-Large	70 mm



Fat Retractor

1 x 1 semi-sharp prongs

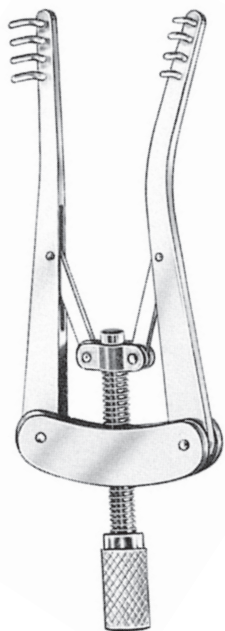
Art.-No.	Size	Length
30-1000	Medium	40 mm



Fat Retractor

2 x 2 semi-sharp prongs

Art.-No.	Size	Length
30-1101.SH	Mini	28 mm



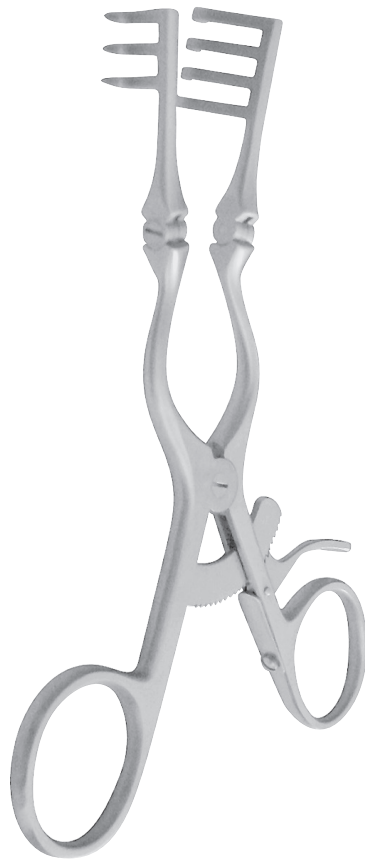
Alm

Art.-No.		Length
30-0900	sharp	10 cm/4"
30-0910	sharp	7 cm/2½"
30-0901	blunt	10 cm/4"
30-0911	blunt	7 cm/2½"



Weitlaner (Wound Retractor)

Art.-No.		Length	prongs
30-0590	sharp	11 cm/4¼"	2 x 3
30-0600	sharp	13 cm/5"	3 x 4
30-0605	sharp	16 cm/6¼"	3 x 4
30-0610	sharp	20 cm/8"	3 x 4
30-0615	sharp	24 cm/9½"	3 x 4
30-0601	semi-sharp	13 cm/5"	3 x 4
30-0606	semi-sharp	16 cm/6¼"	3 x 4
30-0611	semi-sharp	20 cm/8"	3 x 4
30-0616	semi-sharp	24 cm/9½"	3 x 4
30-0592	blunt	11 cm/4¼"	2 x 3
30-0602	blunt	13 cm/5"	3 x 4
30-0607	blunt	16 cm/6¼"	3 x 4
30-0612	blunt	20 cm/8"	3 x 4
30-0617	blunt	24 cm/9½"	3 x 4



Cone

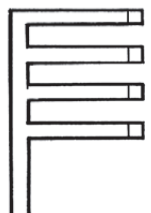
Art.-No.		Length	prongs
30-0640	sharp	13 cm/5"	3 x 4
30-0642	sharp	16 cm/6¼"	3 x 4
30-0644	sharp	20 cm/8"	3 x 4
30-0641	blunt	13 cm/5"	3 x 4
30-0643	blunt	16 cm/6¼"	3 x 4
30-0645	blunt	20 cm/8"	3 x 4

West's (UK)

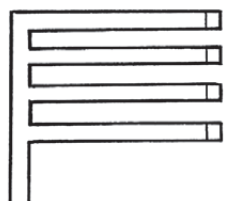
Art.-No.	Length	prong
30-0599	14 cm/5½"	3 x 4



Self-retaining



A



D



B



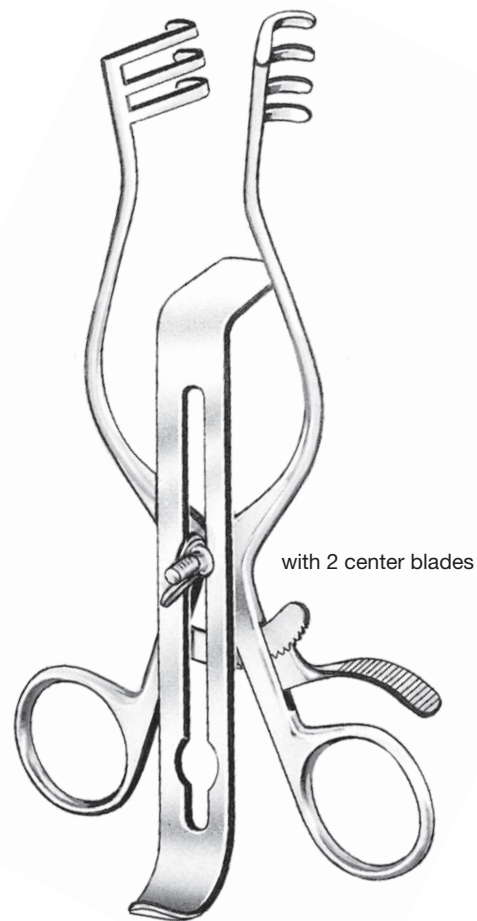
C



E



F



Henly

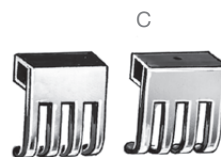
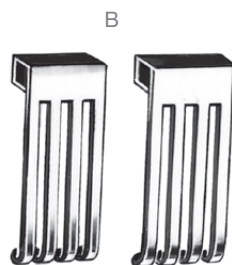
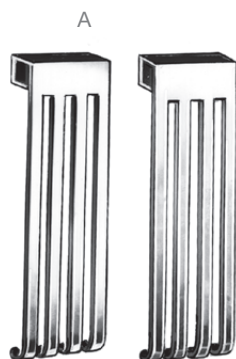
Self-retaining

Fig. Art.-No.

A	30-0700	Standard pattern with center blade 19 and 25 mm
B	30-0730	19 mm
C	30-0732	25 mm
D	30-0710	Deep pattern with center blade 30 and 40 mm
F	30-0734	30 mm
F	30-0736	40 mm



Self-retaining Retractors



Henly

with interchangeable center
and side blades, complete set

Art.-No.

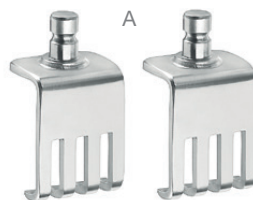
- 30-0717 complete system, 17.5 cm
arms straight
- 30-0718 complete system, 17 cm
arms spread outward
(not illustrated)
- 30-0736 Optional deep blade, 40 mm
- 30-0719.51 Optional deep blade, 51 mm
- 30-0719.76 Optional deep blade, 76 mm

Fig. Art.-No. Length

- | | | |
|---|------------|-------|
| A | 30-0717.76 | 76 mm |
| B | 30-0717.51 | 51 mm |
| C | 30-0717.25 | 25 mm |
| D | 30-0717.BD | |
| E | 30-0730 | 19 mm |
| F | 30-0732 | 25 mm |
| G | 30-0734 | 30 mm |



D



A



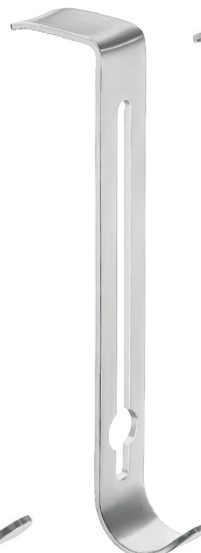
B



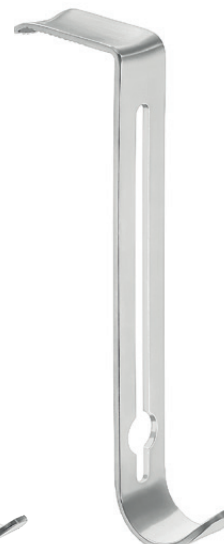
C



E



F



G

Multipurpose Retractor, Henly

Art.-No.

30-0720

complete with frame
and 3 center blades and
3 pairs of side blades

Fig. Consisting of:

	Art.-No.	Length
A	30-0720.25	25 mm
B	30-0720.50	50 mm
C	30-0720.75	75 mm
D	30-0720.BD	
E	30-0730	19 mm
F	30-0732	25 mm
G	30-0734	30 mm

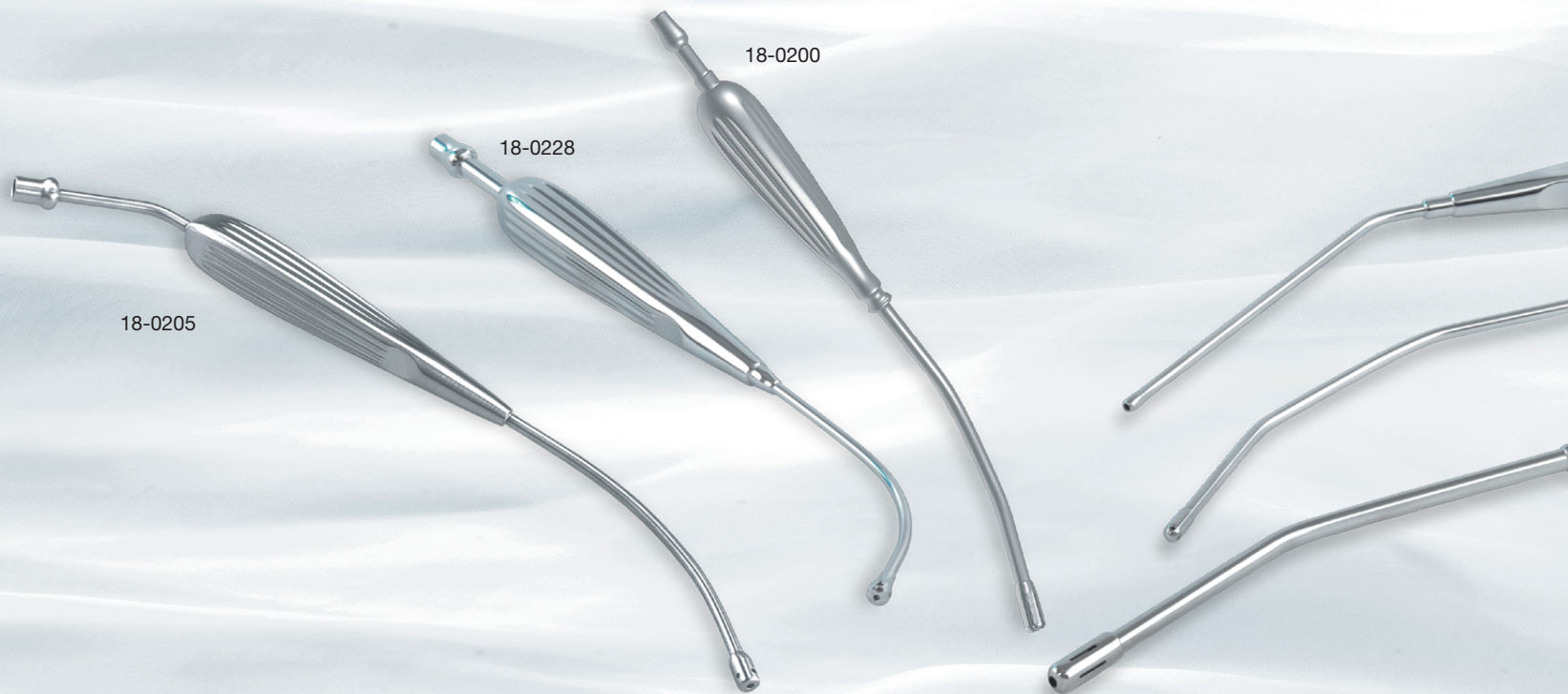


Suction Tubes | Tube Accessories





Suction Tips



Suction Tips

GEISTER®



Southampton

Art.-No.	Length mm / "	Ø mm
18-0190	300 / 11¾	5

DeBakey

Art.-No.	Length mm / "	Ø mm
18-0200	280 / 11	9

Morse-Andrews

Art.-No.	Length mm / "	Ø mm
18-0205	260 / 10¼	6

Senning

Art.-No.	Length mm / "	Ø mm
18-0212	310 / 12¼	8

Andrew-Pyncheon

Art.-No.	Length mm / "	Ø mm
18-0228	240 / 9½	5

Anthony

Art.-No.	Length mm / "	Ø mm	Charr./Fr.
18-0229	270 / 10½	4	12

* bold = shown



Suction Tips



Suction Tips

GEISTER®

18-0240

18-0404

Yankauer

Art.-No.	Length cm/"	Ø
18-0230	29.5/11½	10 mm

Baby-Yankauer

Art.-No.	Length cm/"	Ø
18-0232	21.0/8¼	8 mm

Harley-Street

Art.-No.	Length cm/"	Ø
18-0235	32.0/12½	10 mm

Poole

Art.-No.	Length cm/"	Ø	
18-0240	23.0/10	10 mm	straight
18-0242	22.5/8¾	8 mm	curved

Bugge™

Art.-No.	Length cm/"	Ø	
18-0400	29.0/11½	13.0 mm	large
18-0402	29.0/11½	10.0 mm	medium
18-0404	20.0/8	8.0 mm	small
18-0406	20.0/8	6.0 mm	mini
18-0408	20.0/8	4.5 mm	micro



Suction Tips

18-0233

18-0222

18-0420.04

18-0234



Suction Tips

GEISTER®

18-0420

18-0188

18-0189

Southampton-Pediatric

Art.-No.	Length cm/"	Ø mm	
18-0188	19.5 / 7½	3 mm	fluted tip
18-0189	19.5 / 7½	3 mm	

Cooley

Art.-No.	Length cm/"	Ø
 18-0220	33.5 / 14¼	8 mm
 18-0222	31.0 / 12¼	8 mm
 18-0223	30.0 / 12	9 mm
 18-0224	33.0 / 13	8 mm
 18-0225	27.0 / 10½	9 mm

Braun Ralph

Art.-No.	Length cm/"	Ø
18-0233	31.5 / 12½	7 mm
18-0233.03	31.5 / 12½	3 mm
18-0233.05	31.5 / 12½	5 mm

Osaka

Art.-No.	Length cm/"	Ø
18-0234	27.0 / 10½	7 mm

Jamieson

Art.-No.	Length cm/"	Ø Hole / Ball	
18-0420	27.0 / 10½	1.5 mm	straight, with stylet
18-0420.01	27.0 / 10½	1.0 mm	straight, with stylet
18-0420.04	29.0 / 11½	1.5 mm	straight, without stylet, Fino
18-0420.06	27.0 / 10½	0.5 mm	30° angled, with stylet



Fukushima

Length 16.5 cm/6½"

Working Length 100 cm/4"

Art.-No.	Ø	Ch./Fr.
18-1104	1.4 mm	4
18-1105	1.7 mm	5
18-1106	2.0 mm	6
18-1107	2.3 mm	7
18-1108	2.7 mm	8
18-1109	3.0 mm	9

Length 18.0 cm/7"

Working Length 11.5 cm/4½"

18-1114	1.4 mm	4
18-1115	1.7 mm	5
18-1116	2.0 mm	6
18-1117	2.3 mm	7
18-1118	2.7 mm	8
18-1119	3.0 mm	9
18-1120	4.0 mm	12

Length 20.5 cm/8¼"

Working Length 14.0 cm/5½"

18-1124	1.4 mm	4
18-1125	1.7 mm	5
18-1126	2.0 mm	6
18-1127	2.3 mm	7
18-1128	2.7 mm	8
18-1129	3.0 mm	9

Length 23.0 cm/9"

Working Length 16.5 cm/6½"

18-1134	1.4 mm	4
18-1135	1.7 mm	5
18-1136	2.0 mm	6
18-1137	2.3 mm	7
18-1138	2.7 mm	8
18-1139	3.0 mm	9

Pediatric

Art.-No.	Length cm/"	Ø
18-0424	16.0/6¼	5.0 mm
18-0425	21.0/8¼	3.0 mm
18-0426	22.5/8¾	4.0 mm
18-0427	24.5/9¾	4.0 mm

HLM

Art.-No.	Length cm/"	Ø
18-0430	28.0 / 11	6.9 mm

Frazier

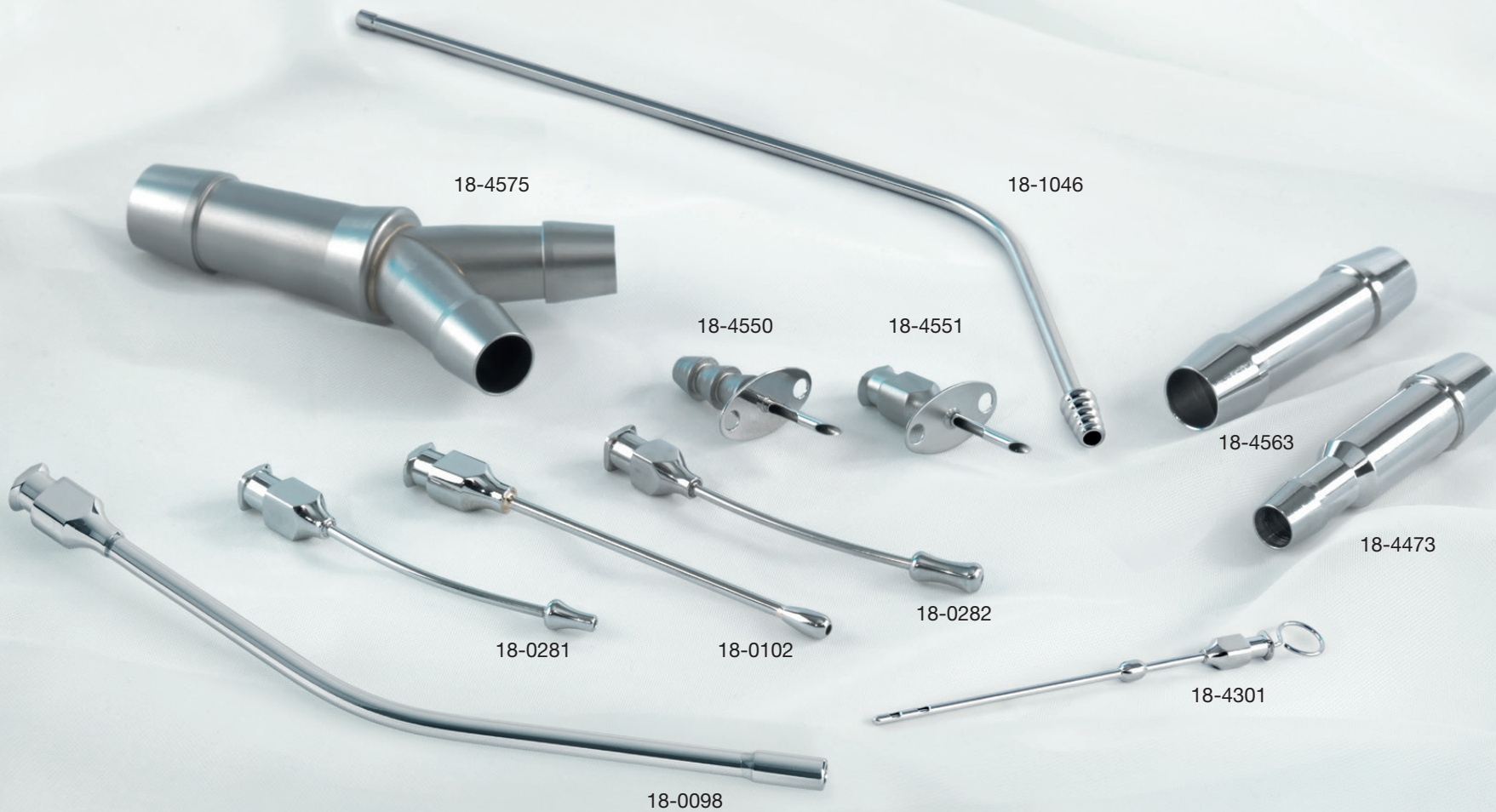
Art.-No.	Length cm/"	Ø	Charr.
18-4020	17.0/6¾	2.0 mm	6 straight
18-4021	17.0/6¾	2.7 mm	8 straight
18-4022	17.0/6¾	3.3 mm	10 straight
18-4023	17.0/6¾	4.0 mm	12 straight
18-4030	13.0/5	2.0 mm	6 45° angled
18-4031	13.0/5	2.7 mm	8 45° angled
18-4032	13.0/5	3.3 mm	10 45° angled
18-4033	13.0/5	4.0 mm	12 45° angled
18-4040	17.0/6¾	2.0 mm	6 45° angled
18-4041	17.0/6¾	2.7 mm	8 45° angled
18-4042	17.0/6¾	3.3 mm	10 45° angled
18-4043	17.0/6¾	4.0 mm	12 45° angled
18-4044	17.0/6¾	5.0 mm	15 45° angled
18-4060	17.0/6¾	2.0 mm	6 90° angled
18-4061	17.0/6¾	2.7 mm	8 90° angled
18-4062	17.0/6¾	3.3 mm	10 90° angled
18-4063	17.0/6¾	4.0 mm	12 90° angled

DeBakey-Adson

Art.-No.	Length cm/"	Ø
18-4070	20.0/8	4.0 mm
18-4072	16.0/6¼	4.0 mm



Suction Tips and Flushing Needles



Micro-type

Length 13.0 cm/5"

Art.-No.	Ø
18-1002	1.5 mm
18-1012	2.0 mm
18-1022	2.5 mm
18-1032	3.5 mm

Length 15.0 cm/6"

18-1004	1.5 mm
18-1014	2.0 mm
18-1024	2.5 mm
18-1034	3.5 mm

Length 18.0 cm/7"

18-1006	1.5 mm
18-1016	2.0 mm
18-1026	2.5 mm
18-1036	3.5 mm
18-1046	4.5 mm

Length 22.0 cm/8¾"

18-1008	1.5 mm
18-1018	2.0 mm
18-1028	2.5 mm
18-1038	3.5 mm

Elsberg

Length 13.0 cm/5"

Art.-No.	Ch./Fr.
18-4300	5
18-4301	7
18-4302	9

Application Cannula

Art.-No.	Length cm/"	Ø
18-0098	11.5/4½	3.4/4.2 mm, 30° Luer Lock

Flushing Needles

Art.-No.	Length cm/"	Ø
18-0099	4.5/1¾	2.0 mm Luer Lock
18-0100	4.5/1¾	3.0 mm Luer Lock
18-0102	5.5/2¼	3.7 mm Luer Lock
18-0104	16.0/6¼	5.0 mm Luer Lock

Tibbs Flushing Needles

Art.-No.	Length cm/"	Description
18-0280	5.8/2⅝ ₁₆	small olive Luer Lock
18-0281	5.8/2⅝ ₁₆	small conus Luer Lock
18-0282	5.8/2⅝ ₁₆	large olive Luer Lock
18-0283	5.8/2⅝ ₁₆	large conus Luer Lock
18-0284	Set of 4 (each one pieces of Tibbs Flushing Needles)	

Straight Reducer

Art.-No.	mm	inch
18-4470	16 -> 9	5/8 -> 3/8
18-4471	12 -> 9	1/2 -> 3/8
18-4472	12 -> 6	1/2 -> 1/4
18-4473	9 -> 6	3/8 -> 1/4
18-4474	6 -> 4.7	1/4 -> 3/16
18-4475	6 -> 3	1/4 -> 1/8
18-4476	8 -> 6	5/16 -> 1/4

Suction Vent

Art.-No.	Tube i.d. mm/"	Size
18-4550	34.5/1⅜	18 ga.
18-4551	33.0/1⅝ ₁₆	18 ga.

Straight Connector

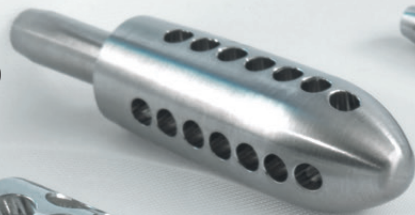
Art.-No.	Length cm/"	Tube i.d."
18-4562	5.1/2	1/2
18-4563	5.1/2	3/8
18-4564	5.1/2	1/4

Y-Connector

Art.-No.	Size "
18-4573	1/2 x 1/4 x 1/4
18-4574	1/2 x 3/8 x 1/4
18-4575	1/2 x 3/8 x 3/8



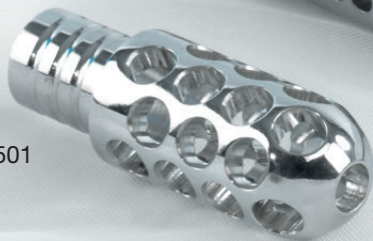
18-4530



18-0301



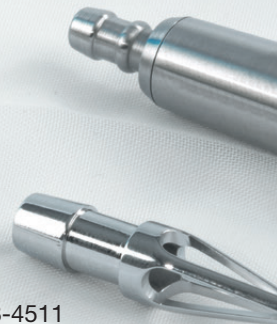
18-4501



18-0320



18-4511



18-4506



18-4521





18-4540

Sump Tubes, Baylor

Art.-No.	Angle	Ø
18-0300	90°	5.0 mm
18-0301	45°	5.0 mm

Ice Water Sucker

Art.-No.	Ø
18-0320	8 x 10 mm

Basket – Atrial

Art.-No.	Length of Basket	Tube Ø
18-4500	29 mm	1/2"
18-4501	29 mm	3/8"
18-4502	20 mm	3/8"
18-4503	16 mm	1/4"

Sump Sucker, Ross

Art.-No.	Length of Basket	Tube i.d."	Size
18-4505	27.5 mm	3/16	Adult
18-4506	19.0 mm	3/16	Child
18-4507	13.0 mm	1/8	Infant

Drain Vent, Ormond

Art.-No.	Length	Tube Ø
18-4510	10 mm	1/8"
18-4511	18 mm	1/4"

Vent, Ross

Art.-No.	Length of Basket	Tube Ø	Size
18-4520	33 mm	3/16"	Adult
18-4521	23 mm	3/16"	Child
18-4522	15 mm	1/8"	Infant

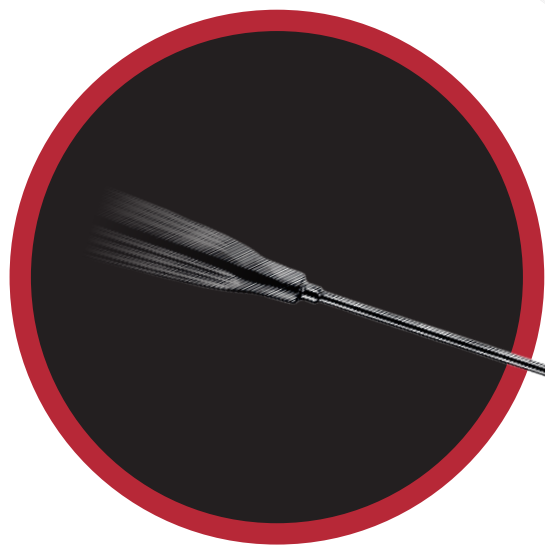
Vent – Bullet Heavy

Art.-No.	Length of Basket	Tube Ø
18-4530	40 mm	3/16"

Vent – Bullet Double Lumen

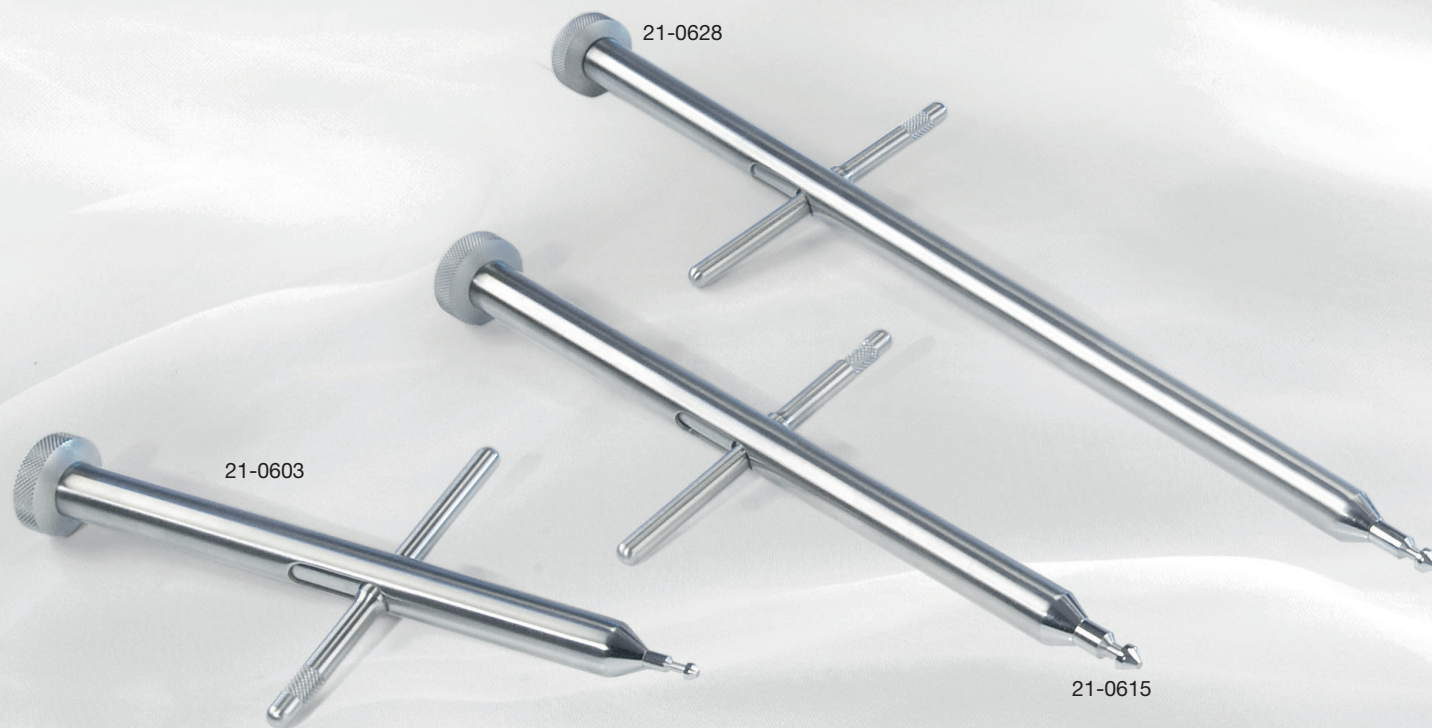
Art.-No.	Length of Basket	Tube Ø
18-4540	42 mm	1/4"

bold = shown



**Miscellaneous | Punches | Dilators | Suture Catchers
Sizers | Tunnelers | Scalpels | Holloware**

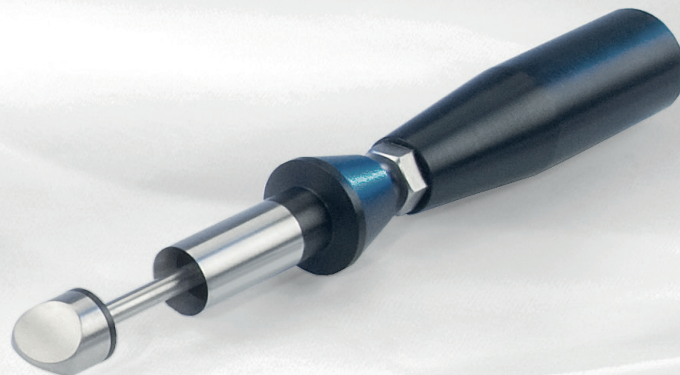




Tissue Punches

GEISTER®

21-0594

**Reusable Tissue Punches, Geister**

Total length	13.5 cm	17.5 cm	25 cm
working length	6.5 cm	9.0 cm	16 cm

Tip size Ø	Short assembly	Medium assembly	Long assembly
3.0 mm	21-0603	21-0613	21-0623
4.0 mm	21-0604	21-0614	21-0624
4.5 mm	–	21-0614.45	21-0628
5.0 mm	21-0605	21-0615	21-0625
6.0 mm	–	21-0606	21-0616

Reusable Tissue Punches, Geister

Art.-No.	Length	Ø
21-0592	18 cm/7"	12 mm
21-0594	18 cm/7"	14 mm
21-0596	18 cm/7"	16 mm
21-0597	18 cm/7"	20 mm
21-0598	18 cm/7"	22 mm
21-0599	18 cm/7"	24 mm



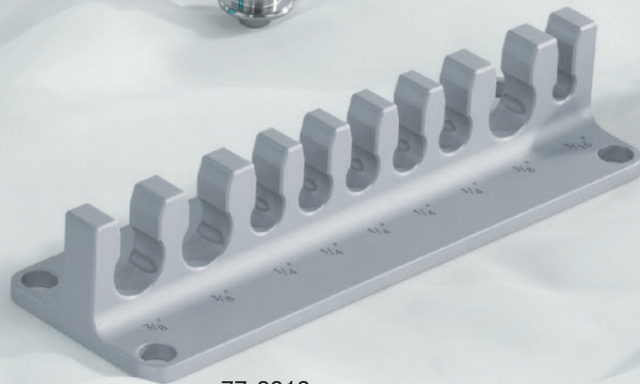
25-0037



25-0030



25-0032



77-8013



77-8011

Tube Holders T-Profile

Art.-No.	Description	Diameter "	Size
77-8013	HLM Tube Holding Bench T-Profile	2 x $\frac{3}{8}$, 5 x $\frac{1}{4}$, 1 x $\frac{3}{8}$, 1 x $\frac{3}{16}$	Adult

Tube Holders

Art.-No.	Description	Diameter "	Size
77-8010	HLM Tube Holding Bench	1 x $\frac{1}{2}$, 4 x $\frac{1}{4}$, 1 x $\frac{3}{8}$	Adult
77-8011	HLM Tube Holding Bench	1 x $\frac{1}{2}$, 6 x $\frac{1}{4}$, 1 x $\frac{3}{8}$	Adult long
77-8012	HLM Tube Holding Bench	1 x $\frac{1}{2}$, 1 x $\frac{3}{8}$, 2 x $\frac{1}{4}$, 1 x $\frac{3}{16}$, 1 x $\frac{1}{4}$, 1 x $\frac{3}{8}$	Adult
77-8015	HLM Tube Holding Bench	1 x $\frac{3}{8}$, 1 x $\frac{3}{16}$, 1 x $\frac{1}{4}$, 1 x $\frac{3}{16}$, 2 x $\frac{1}{4}$	Children
77-8020	HLM Tube Holding Bench	1 x $\frac{1}{4}$, 5 x $\frac{3}{16}$	Infant

Tube Roller – Gunnar Hey

Art.-No.	Description	Length cm/"
25-0030	Tube Milking Roller	19.0/7 $\frac{1}{2}$

Tube Roller

Art.-No.	Description	Length cm/"
25-0032	Tube Milking Roller with teflon bobbins, Aluminium blue	16.0/6 $\frac{1}{4}$

Tube Cutter

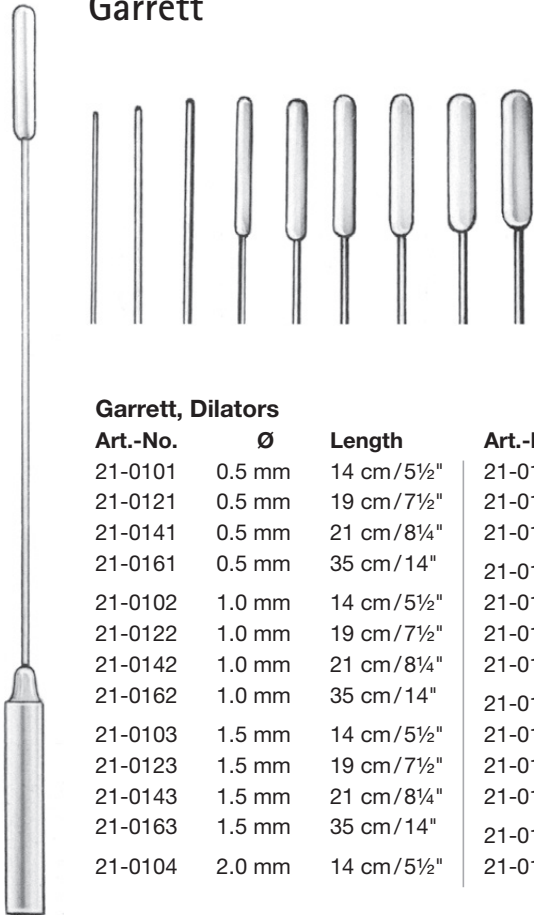
Art.-No.	Description	Length cm/"
25-0037	Tube Stretcher	13.0/5

* no medical grade - tool in hospital use

bold = shown



Garrett



Dilator Holder

Art.-No.
21-0116

Length
14 cm/5½"



Garrett, Dilators

Art.-No.	Ø	Length	Art.-No.	Ø	Length	Art.-No.	Ø	Length	Art.-No.	Ø	Length
21-0101	0.5 mm	14 cm/5½"	21-0124	2.0 mm	19 cm/7½"	21-0147	3.5 mm	21 cm/8¼"	21-0070	5.0 mm	35 cm/14"
21-0121	0.5 mm	19 cm/7½"	21-0144	2.0 mm	21 cm/8¼"	21-0167	3.5 mm	35 cm/14"	21-0112	7.0 mm	14 cm/5½"
21-0141	0.5 mm	21 cm/8¼"	21-0164	2.0 mm	35 cm/14"	21-0108	4.0 mm	14 cm/5½"	21-0131	7.0 mm	19 cm/7½"
21-0161	0.5 mm	35 cm/14"	21-0105	2.5 mm	14 cm/5½"	21-0128	4.0 mm	19 cm/7½"	21-0151	7.0 mm	21 cm/8¼"
21-0102	1.0 mm	14 cm/5½"	21-0125	2.5 mm	19 cm/7½"	21-0148	4.0 mm	21 cm/8¼"	21-0171	7.0 mm	35 cm/14"
21-0122	1.0 mm	19 cm/7½"	21-0145	2.5 mm	21 cm/8¼"	21-0168	4.0 mm	35 cm/14"	21-0113.9	9.0 mm	14 cm/5½"
21-0142	1.0 mm	21 cm/8¼"	21-0165	2.5 mm	35 cm/14"	21-0109	4.5 mm	14 cm/5½"	21-0132	9.0 mm	19 cm/7½"
21-0162	1.0 mm	35 cm/14"	21-0106	3.0 mm	14 cm/5½"	21-0129	4.5 mm	19 cm/7½"	21-0152	9.0 mm	21 cm/8¼"
21-0103	1.5 mm	14 cm/5½"	21-0126	3.0 mm	19 cm/7½"	21-0149	4.5 mm	21 cm/8¼"	21-0172	9.0 mm	35 cm/14"
21-0123	1.5 mm	19 cm/7½"	21-0146	3.0 mm	21 cm/8¼"	21-0169	4.5 mm	35 cm/14"	21-0100	Set	14 cm/5½"
21-0143	1.5 mm	21 cm/8¼"	21-0166	3.0 mm	35 cm/14"	21-0110	5.0 mm	14 cm/5½"	21-0120	Set	19 cm/7½"
21-0163	1.5 mm	35 cm/14"	21-0107	3.5 mm	14 cm/5½"	21-0130	5.0 mm	19 cm/7½"	21-0140	Set	21 cm/8¼"
21-0104	2.0 mm	14 cm/5½"	21-0127	3.5 mm	19 cm/7½"	21-0150	5.0 mm	21 cm/8¼"	21-0160	Set	35 cm/14"

Also available with soft silver wires on inquiry (add ".SI" behind the Art.-No.)

Cooley

Dilators with color-coded aluminium handle with extra thin steel wires or nitinol wires (memory-metal)

Instrument Cassettes



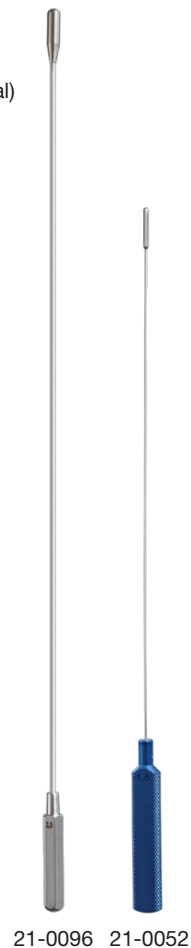
21-0119

for 6 dilators

21-0118 203 x 114 x 15 mm

for 12 dilators

21-0119 203 x 114 x 30 mm



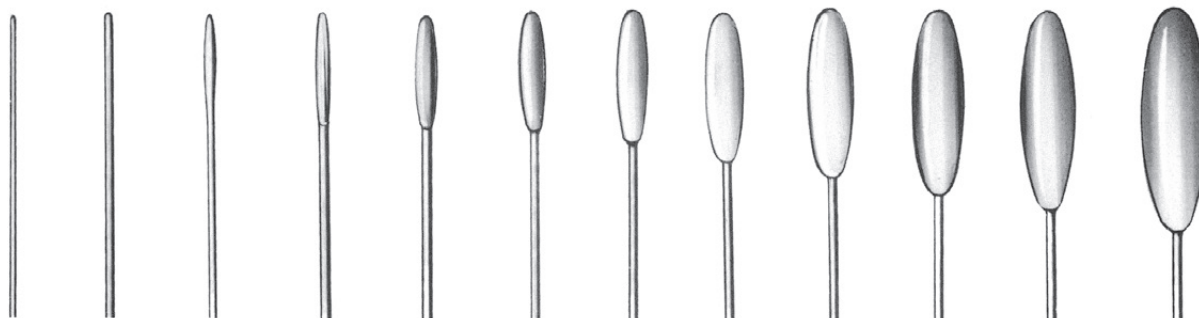
21-0096 21-0052

Cooley

Length	Ø	Steel wire	Silver wire	Nitinol wire (memory)	Color code
24 cm/9½"	0.5 mm			21-0090	
24 cm/9½"	1.0 mm			21-0091	
24 cm/9½"	2.0 mm			21-0093	
24 cm/9½"	2.5 mm			21-0094	
24 cm/9½"	3.0 mm			21-0095	
24 cm/9½"	3.5 mm			21-0096	
24 cm/9½"	4.0 mm			21-0097	
24 cm/9½"	4.5 mm			21-0098	
24 cm/9½"	5.0 mm			21-0099	
20 cm/8"	0.5 mm	21-0050	21-0050.SI	21-0080	Black
20 cm/8"	1.0 mm	21-0051	21-0051.SI	21-0081	Red
20 cm/8"	1.5 mm	21-0052	21-0052.SI	21-0082	Blue
20 cm/8"	2.0 mm	21-0053	21-0053.SI	21-0083	Yellow
20 cm/8"	2.5 mm	21-0054	21-0054.SI	21-0084	Green
20 cm/8"	3.0 mm	21-0055	21-0055.SI	21-0085	Magenta
15 cm/6"	0.5 mm	21-0060	21-0060.SI		Black
15 cm/6"	1.0 mm	21-0061	21-0061.SI		Red
15 cm/6"	1.5 mm	21-0062	21-0062.SI		Blue
15 cm/6"	2.0 mm	21-0063	21-0063.SI		Yellow
15 cm/6"	2.5 mm	21-0064	21-0064.SI		Green
15 cm/6"	3.0 mm	21-0065	21-0065.SI		Magenta
14 cm/5½"	0.5 mm			21-0070	Black
14 cm/5½"	1.0 mm			21-0071	Red
14 cm/5½"	1.5 mm			21-0072	Blue
14 cm/5½"	2.0 mm			21-0073	Yellow
14 cm/5½"	2.5 mm			21-0074	Green
14 cm/5½"	3.0 mm			21-0075	Magenta



DeBakey



DeBakey-type

Art.-No.	Ø	Length	Art.-No.	Ø	Length	Art.-No.	Ø	Length	Art.-No.	Length
21-0200	1.0 mm	19 cm/7½"	21-0204	3.0 mm	19 cm/7½"	21-0208	7.0 mm	19 cm/7½"	21-0215	Set of 12 19 cm/7½"
21-0220	1.0 mm	38 cm/15"	21-0224	3.0 mm	38 cm/15"	21-0228	7.0 mm	38 cm/15"	21-0235	Set of 12 38 cm/15"
21-0201	1.5 mm	19 cm/7½"	21-0205	4.0 mm	19 cm/7½"	21-0209	8.0 mm	19 cm/7½"		
21-0221	1.5 mm	38 cm/15"	21-0225	4.0 mm	38 cm/15"	21-0229	8.0 mm	38 cm/15"		
21-0202	2.0 mm	19 cm/7½"	21-0206	5.0 mm	19 cm/7½"	21-0210	9.0 mm	19 cm/7½"		
21-0222	2.0 mm	38 cm/15"	21-0226	5.0 mm	38 cm/15"	21-0230	9.0 mm	38 cm/15"		
21-0203	2.5 mm	19 cm/7½"	21-0207	6.0 mm	19 cm/7½"	21-0211	10.0 mm	19 cm/7½"		
21-0223	2.5 mm	38 cm/15"	21-0227	6.0 mm	38 cm/15"	21-0231	10.0 mm	38 cm/15"		

Also available with soft silver wires on inquiry (add ".SI" behind the Art.-No.)

Dilators and Probes

GEISTER®

Hegar

Uterine Dilator, conical, (single-ended)

Art.-No.	Ø	Length
21-8208	8.0 mm	18.5 cm/7¼"
21-8209	9.0 mm	18.5 cm/7¼"
21-8210	10.0 mm	18.5 cm/7¼"
21-8211	11.0 mm	18.5 cm/7¼"
21-8212	12.0 mm	18.5 cm/7¼"
21-8213	13.0 mm	18.5 cm/7¼"
21-8214	14.0 mm	18.5 cm/7¼"
21-8215	15.0 mm	18.5 cm/7¼"
21-8216	16.0 mm	18.5 cm/7¼"
21-8217	17.0 mm	18.5 cm/7¼"
21-8218	18.0 mm	18.5 cm/7¼"
21-8219	19.0 mm	18.5 cm/7¼"
21-8220	20.0 mm	18.5 cm/7¼"
21-8221	21.0 mm	18.5 cm/7¼"
21-8222	22.0 mm	18.5 cm/7¼"
21-8223	23.0 mm	18.5 cm/7¼"
21-8224	24.0 mm	18.5 cm/7¼"
21-8225	25.0 mm	18.5 cm/7¼"
21-8226	26.0 mm	18.5 cm/7¼"
21-8226.27	27.0mm	18.5 cm/7¼"
21-8227	28.0mm	18.5 cm/7¼"
21-8228	29.0mm	18.5 cm/7¼"
21-8229	30.0mm	18.5 cm/7¼"
21-8200.31	31.0mm	18.5 cm/7¼"
21-8200.32	32.0mm	18.5 cm/7¼"
21-8200.33	33.0mm	18.5 cm/7¼"
21-8200.34	34.0mm	18.5 cm/7¼"
21-8200.35	35.0mm	18.5 cm/7¼"
21-8200.36	36.0mm	18.5 cm/7¼"
21-8200.37	37.0mm	18.5 cm/7¼"
21-8200.38	38.0mm	18.5 cm/7¼"
21-8200.39	39.0mm	18.5 cm/7¼"
21-8200.40	40.0mm	18.5 cm/7¼"

**Hegar**

Uterine Dilator (double-ended)

Art.-No.	Ø	Length
21-8230	1.0/2.0 mm	20 cm/8"
21-8231	3.0/4.0 mm	20 cm/8"
21-8232	5.0/6.0 mm	20 cm/8"
21-8233	7.0/8.0 mm	20 cm/8"
21-8234	9.0/10.0 mm	20 cm/8"
21-8235	11.0/12.0 mm	20 cm/8"
21-8236	13.0/14.0 mm	20 cm/8"
21-8237	15.0/16.0 mm	20 cm/8"
21-8238	17.0/18.0 mm	20 cm/8"
21-8239	19.0/20.0 mm	20 cm/8"
21-8240	21.0/22.0 mm	20 cm/8"
21-8241	23.0/24.0 mm	20 cm/8"
21-8242	25.0/26.0 mm	20 cm/8"
21-8243	27.0/28.0mm	20cm/8"
21-8244	29.0/30.0mm	20cm/8"
21-8244.32	31.0/32.0mm	20cm/8"
21-8246	33.0/34.0mm	20cm/8"
21-8247	35.0/36.0mm	20cm/8"

Set of 8

21-8245	3.0/4.0 –17.0/18.0 mm 20 cm/8"
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Hegar

Dilators (single-ended)

Art.-No.	Ø	Length
21-8201	1.0 mm	18.5 cm/7¼"
21-8202	2.0 mm	18.5 cm/7¼"
21-8203	3.0 mm	18.5 cm/7¼"
21-8204	4.0 mm	18.5 cm/7¼"
21-8205	5.0 mm	18.5 cm/7¼"
21-8206	6.0 mm	18.5 cm/7¼"
21-8207	7.0 mm	18.5 cm/7¼"



**Standard**

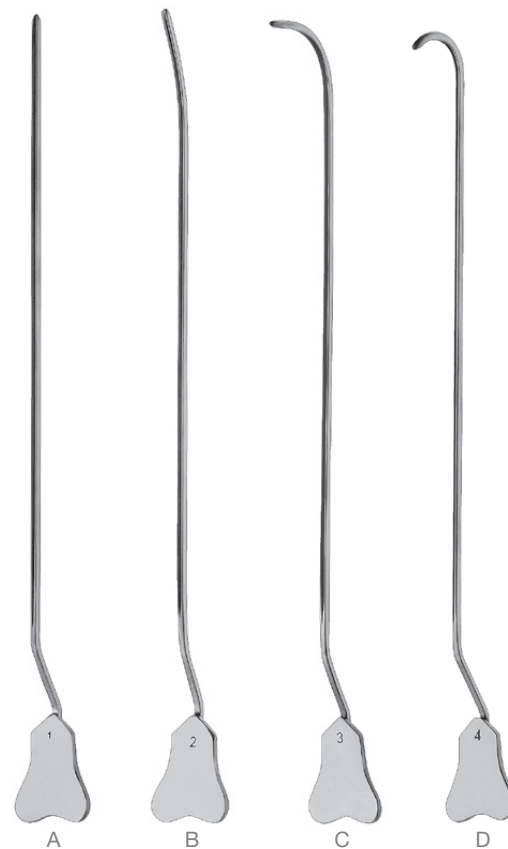
Art.-No.	Ø	Length
21-7203	1.0 mm	16 cm/6¼"
21-7204	1.0 mm	18 cm/7"
21-7205	1.0 mm	20 cm/8"
21-7206	1.0 mm	25 cm/10"
21-7207	1.0 mm	30 cm/12"
21-7220	2.0 mm	11.5 cm/4½"
21-7221	2.0 mm	13 cm/5"
21-7222	2.0 mm	14.5 cm/5¾"
21-7223	2.0 mm	16 cm/6¼"
21-7224	2.0 mm	18 cm/7"
21-7225	2.0 mm	20 cm/8"
21-7226	2.0 mm	25 cm/10"
21-7227	2.0 mm	30 cm/12"

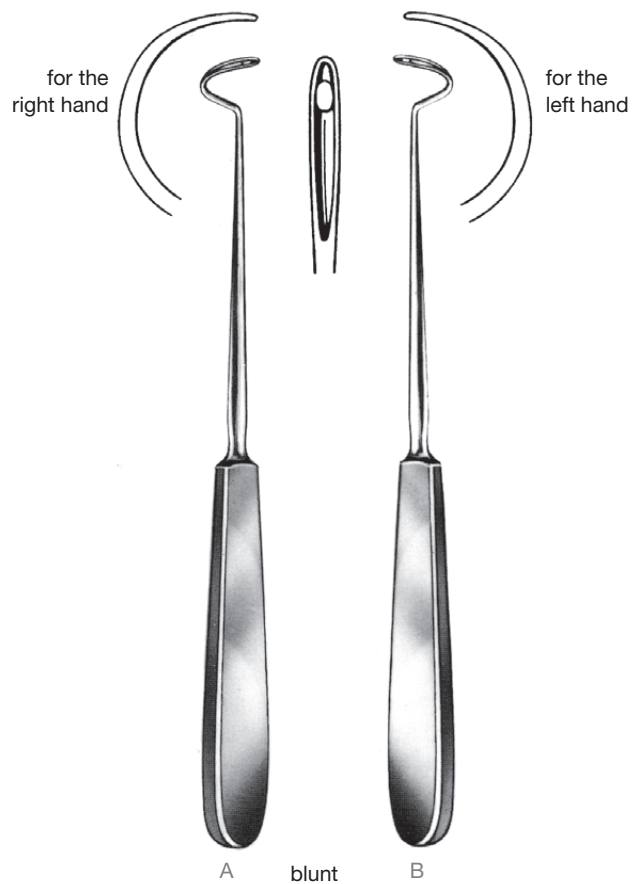
Redon

Art.-No.	Ch.
18-9800.08	8
18-9800.10	10
18-9800.12	12
18-9800.14	14
18-9800.16	16
18-9800.18	18

Lockhart-Mummery

Art.-No.	Fig.	Length
21-7301	A	17 cm/6½"
21-7302	B	17 cm/6½"
21-7303	C	17 cm/6½"
21-7304	D	17 cm/6½"

Standard**Redon****Lockhart-Mummery**



Deschamps

blunt

Fig.	Art.-No.	Size	Length
A	24-9010	S	21 cm/8¼"
A	24-9020	M	21 cm/8¼"
A	24-9030	L	21 cm/8¼"
B	24-9015	S	21 cm/8¼"
B	24-9025	M	21 cm/8¼"
B	24-9035	L	21 cm/8¼"



Suture Catchers

Suture Catchers

Art.-No.	Ø	Length
21-1219	1.2 mm	26 cm / 10 $\frac{1}{4}$ "
21-1220	1.5 mm	26 cm / 10 $\frac{1}{4}$ "
21-1221	2.0 mm	26 cm / 10 $\frac{1}{4}$ "
21-1222	2.5 mm	26 cm / 10 $\frac{1}{4}$ "
21-1223	3.0 mm	26 cm / 10 $\frac{1}{4}$ "

Also available in 15 cm / 6" and 18 cm / 7"

Rumel-Belmont

without catch

Art.-No.	Ø	Length
21-1200.OR	4.0 mm	27.5 cm / 10 $\frac{3}{4}$ "
21-1205.OR	6.5 mm	31.0 cm / 12 $\frac{1}{4}$ "

with catch

Art.-No.	Ø	Length
21-1200	4.0 mm	27.5 cm / 10 $\frac{3}{4}$ "
21-1205	6.5 mm	31.0 cm / 12 $\frac{1}{4}$ "

Eyed stilette

Art.-No.	width	Length
21-1203	2.2 mm	22.5 cm / 8 $\frac{3}{4}$ "
21-1208	3.2 mm	23.5 cm / 9 $\frac{1}{4}$ "

stilette also recommended to catch sutures



Rumel-Belmont

without catch



with catch

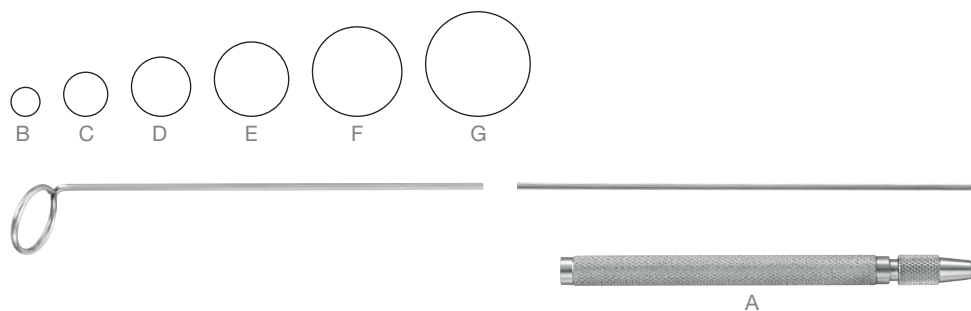


Eyed stilette



Recovery Probes

GEISTER®



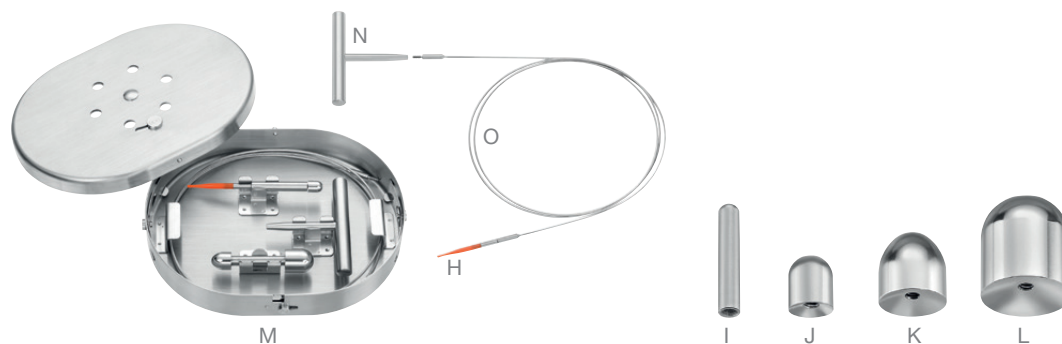
Recovery Probes

Set complete

03-5910		consisting of	
Fig.	Art.-No.	qty.	description
A	03-5900	1	Handle, 110 mm / 4 1/4"
B	03-5904	1	Ø 4 mm, 550 mm / 21 3/4"
C	03-5905	1	Ø 6 mm, 550 mm / 21 3/4"
D	03-5906	1	Ø 8 mm, 550 mm / 21 3/4"
E	03-5907	1	Ø 10 mm, 550 mm / 21 3/4"
F	03-5908	1	Ø 12 mm, 550 mm / 21 3/4"
G	03-5909	1	Ø 14 mm, 550 mm / 21 3/4"

Nabatoff Recovery Probes

Set complete



21-1250		consisting of	
Fig.	Art.-No.	qty.	description
H	21-1250.02	1	Plastic probe tip
I	21-1250.03	1	3 mm metal probe tip
J	21-1250.06	1	6 mm olive
K	21-1250.09	1	9 mm olive
L	21-1250.12	1	12 mm olive
M	21-1250.BX	1	Box 135 x 100 x 25 mm
N	21-1250.GR	1	Handle
O	21-1250.ZS	1	Wire pull 90 cm

Additional

Art.-No.	description
21-1250.ZV	Adaptor to extend Wire pulls
21-1250.02SS	Stainless steel probe tip



Amato, Pediatric Dilators

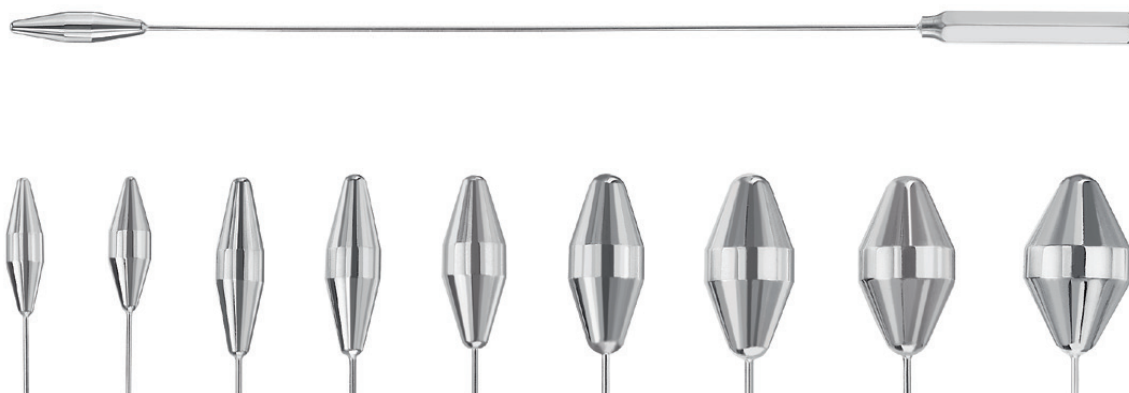
Amato Pediatric Dilators

complete Set of all 10 sizes

21-8250

consisting of:

21-8250.01	6 mm	20.5 cm
21-8250.02	7 mm	20.5 cm
21-8250.03	8 mm	20.5 cm
21-8250.04	9 mm	20.5 cm
21-8250.05	10 mm	20.5 cm
21-8250.06	12 mm	20.5 cm
21-8250.07	14 mm	20.5 cm
21-8250.08	16 mm	20.5 cm
21-8250.09	18 mm	20.5 cm
21-8250.10	20 mm	20.5 cm

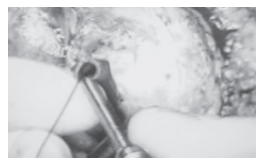
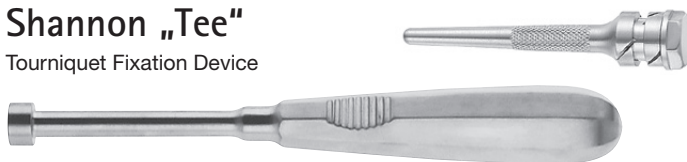


Comparison Ruler



Shannon „Tee“

Tourniquet Fixation Device



Lumen Inspection Mirror



Ruler

Art.-No.	Length
05-0500	30 cm/11¾"
05-0501	20 cm/8"
05-0502	15 cm/6"
05-0503	10 cm/4"

Shannon „Tee“

Tourniquet Fixation Device

Art.-No.

21-1300 Shannon "Tee"

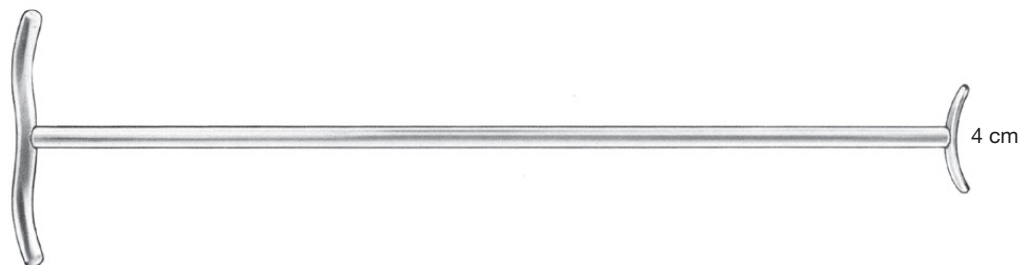
Lumen Inspection Mirror

Art.-No.	Ø	Length
03-5690	20 mm	23 cm/9"
03-5690.14	14 mm	23 cm/9"
03-5690.18	18 mm	23 cm/9"

Compressor

Art.-No.	Length
03-6560	35 cm/14"

Compressor





34-7331L



03-5390



03-5380



03-5375



03-5365



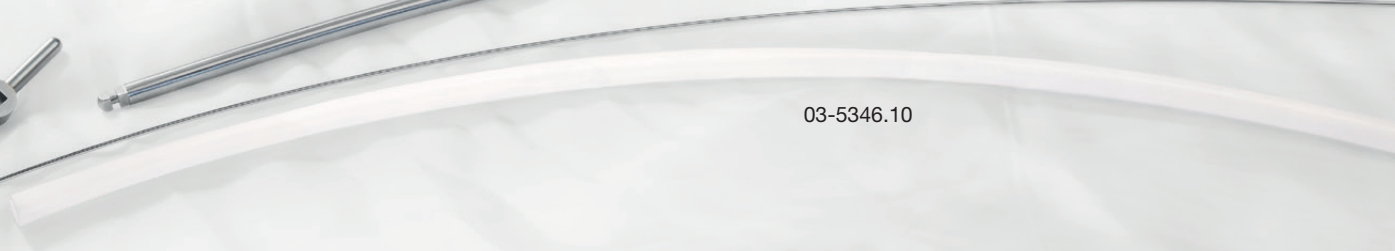
03-5344.10



03-5345



03-5346.10





03-5395

Tunneling Tubes

Tubes

Art-Nr	Description
03-5370	slightly curved
03-5375	slightly curved
03-5377	slightly curved
03-5380	strongly curved

Length	Diameter
28.0 cm	12 mm
38.0 cm	12 mm
68.0 cm	12 mm
28.0 cm	12 mm

Forceps

Art-Nr	Description	Length
03-5385	straight	38.0 cm
03-5390	straight	48.0 cm
03-5392	straight	78.0 cm
03-5395	slightly curved	38.0 cm



03-5347

Bullet-Tunneler

Tubes

Art-Nr	Description
03-5360	slightly curved
03-5365	slightly curved
03-5366	slightly curved
03-5367	slightly curved

Length	Diameter
30.0 cm	12 mm
40.0 cm	12 mm
50.0 cm	12 mm
70.0 cm	12 mm

Forceps

Art-Nr	Description	Length
03-5385	straight	38.0 cm
03-5390	straight	48.0 cm
03-5391	straight	58.0 cm
03-5392	straight	78.0 cm

Tunneler Rod

Tubes (PTFE)

Art-Nr	Description	Length	Diameter
03-5346.08	slightly curved	60.0 cm	8/10 mm
03-5346.10	slightly curved	60.0 cm	10/12 mm
03-5346.12	slightly curved	60.0 cm	12/14 mm

Forceps

Art-Nr	Description	Length
03-5347	slightly curved	72.0 cm
03-5347	slightly curved	72.0 cm
03-5347	slightly curved	72.0 cm
03-5340.01/83	slightly curved	83.0 cm

Rod	Handle	Set
Art-Nr	Art-Nr	Art-Nr
03-5344.08	03-5345	03-5354
03-5344.10	03-5345	03-5355
03-5344.12	03-5345	03-5356

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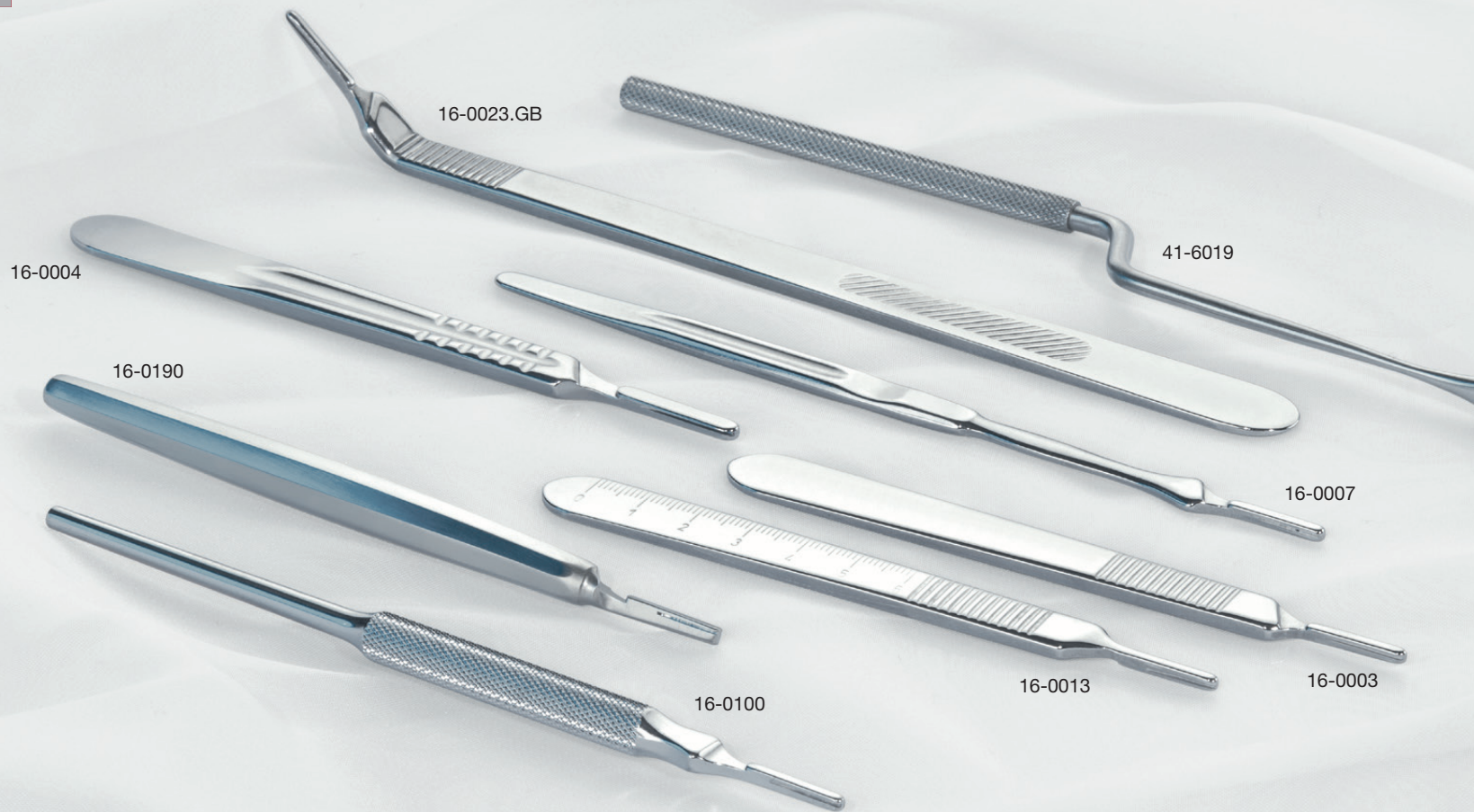
Tunneling forceps

Forceps

Art-Nr	Description	Length
34-7331L	double-hinged curved	36.0 cm



Scalpel Handles





Handles

for Blades 16-2018 until 16-2036

Art.-No.	length mm / "	description
16-0004	135/5¼	Fig. 4
16-0014	210/8¼	Fig. 4L, long

Handles

for Blades 16-2009.E until 16-2017.E

Art.-No.	length mm / "	description
16-0003	125/5	Fig. 3
16-0013	125/5	Fig. 3, with scale
16-0023	210/8¼	Fig. 3L, long
16-0023.GB	200/8	Fig. 3L, long, angled up
16-0007	160/6¼	Fig. 7L, long
16-0017	120/4¾	Fig. 7K, short
16-0100	150/6	Fig. 3, round handle
16-0102	145/5¾	Fig. 3, round handle, angled up
16-0190	135/5¼	Fig. 3, Barron
41-6019	210/8¼	Fig. 3, Landolt

* **bold** = shown



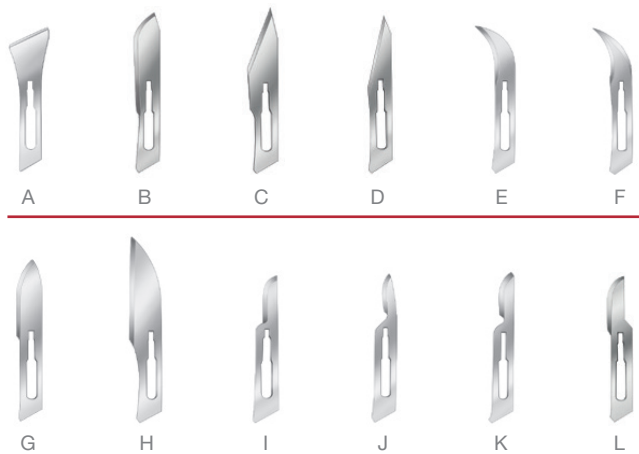
Ruettggers®

**Scalpel Blades, sterile,
pack of 100 Pieces**

for handle Fig. 3

Fig. Art.-No. description

A	16-2009.E/CE	# 9E
B	16-2010/CE	# 10
C	16-2010.A/CE	# 10A
D	16-2011/CE	# 11
E	16-2012/CE	# 12
F	16-2012.D/CE	# 12D
G	16-2013/CE	# 13
H	16-2014/CE	# 14
I	16-2015/CE	# 15
J	16-2015.C/CE	# 15C
K	16-2015.E/CE	# 15E
L	16-2017/CE	# 17



for handle Fig. 4

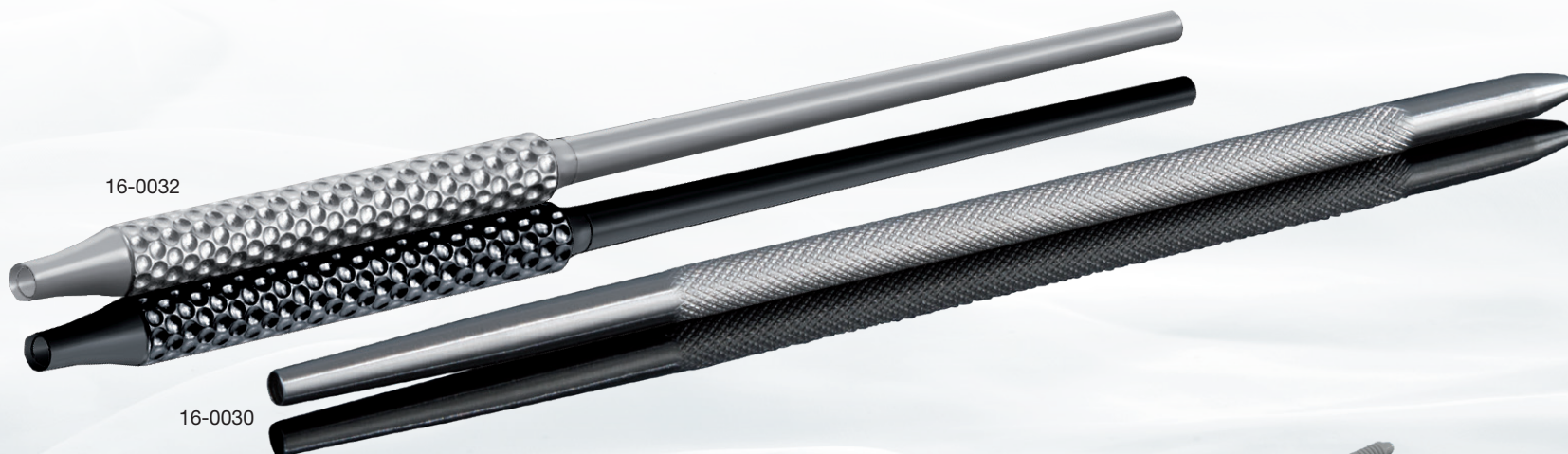
Fig. Art.-No. description

Q	16-2018/CE	# 18
R	16-2019/CE	# 19
S	16-2020/CE	# 20
T	16-2021/CE	# 21
U	16-2022/CE	# 22
V	16-2023/CE	# 23
W	16-2024/CE	# 24
X	16-2025/CE	# 25
Y	16-2034/CE	# 34
Z	16-2036/CE	# 36



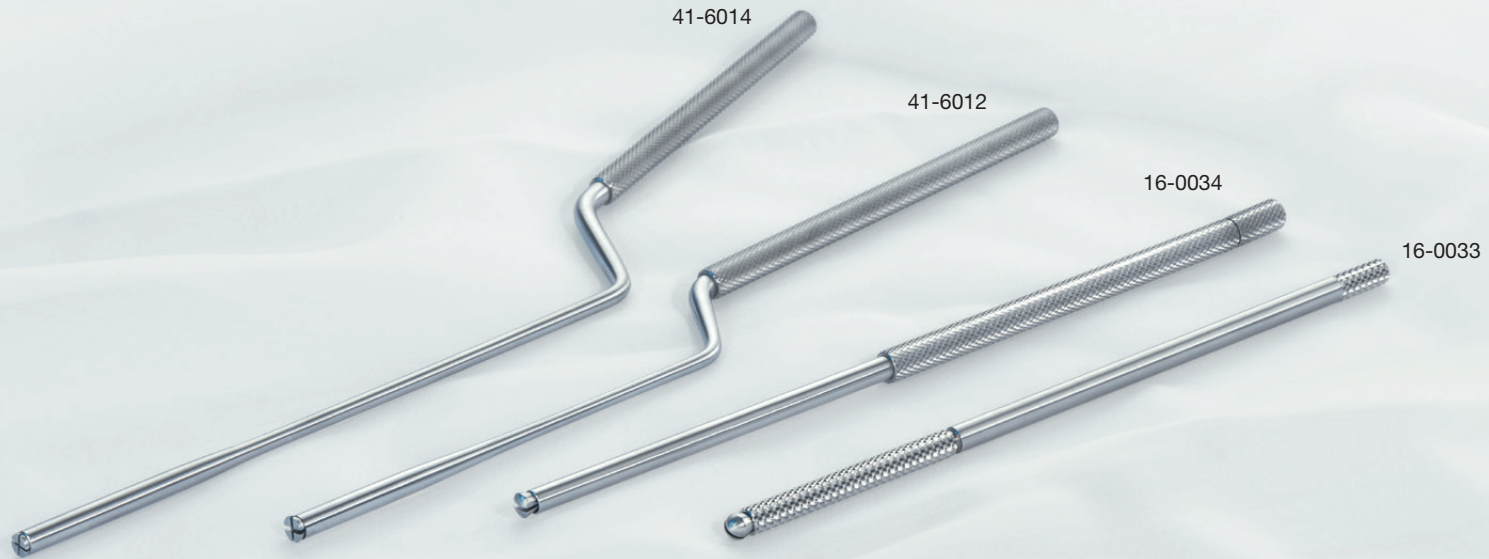
Microsurgical Knife

GEISTER®



Art.-No.	Type	Description
16-2070	52-1502	Micro Scalpel Blade, 15°, 6/ pack sterile, STYLUS,
16-2075	54-5000	Micro Scalpel Blade, half-moon, 2.0 mm ,6/ pack sterile, STYLUS
16-0031		Handle for disposable knives, 18 cm, Aluminium
16-0032		Handle for disposable knives, 18 cm, Aluminium, Fairgrip™ultra
16-0032.TI		Handle for disposable knives, 18 cm, Titanium, Fairgrip™ultra
16-0030		Handle for disposable knives, 18 cm, stainless steel
16-0030.DF		Handle for disposable knives, 18 cm, heavy, stainless steel, PANDOR™
16-5050		Handle for disposable knives, 9.5 cm

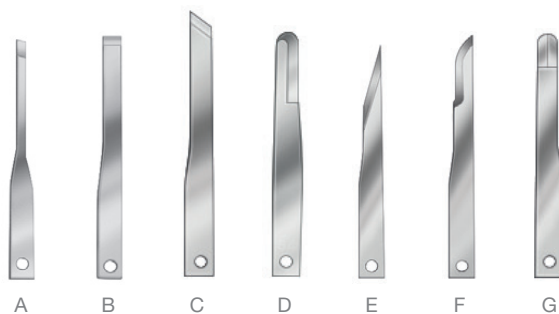




Scalpel Handles

for Micro surgical blades

Art.-No.	length mm / "
16-0033	155/6
16-0033.10	100/4
16-0034	180/7
41-6012	210/8¼
41-6014	250/10



Micro Blades, Ruettgers®

sterile, pack of 10 pieces EU

Fig.	Art.-No.	description
A	16-2061/CE	# 61
B	16-2062/CE	# 62
C	16-2062.S/CE	# 62S
D	16-2064/CE	# 64
E	16-2065/CE	# 65
F	16-2067/CE	# 67
G	16-2069/CE	# 69

**Instrument Tray**

Art.-No.	Height	Length	Width
77-9255	1.0 cm	45 cm/18"	33 cm/13"

Kidney Bowl

Art.-No.	Height	Length	Capacity
77-8998	3.7 cm	17.0 cm/16½"	0.25
77-9000	3.9 cm	25.0 cm/10"	0.5
77-9002	4.5 cm	27.5 cm/10½"	0.75

Forceps Holder

Art.-No.	Ø	Height
77-9020	30 mm	9 cm/3½"
77-9021	50 mm	10 cm/4"
77-9022	50 mm	13 cm/5"
77-9023	50 mm	18 cm/7"
77-9024	82 mm	13 cm/5"
77-9025	82 mm	18 cm/7"
77-9026	95 mm	20 cm/8"

Laboratory Bowl

Art.-No.	Ø	Height	Capacity
77-9115	14 cm/5½"	5.5 cm/2"	0.5
77-9117	15 cm/6"	7.5 cm/2½"	0.75
77-9118	16 cm/6¼"	7.5 cm/2½"	1.0
77-9119	22 cm/8½"	7.0 cm/2½"	2.0
77-9120	24 cm/9½"	9.5 cm/3½"	3.0
77-9121	26 cm/10¼"	12 cm/4½"	4.5
77-9122	30 cm/12"	11.5 cm/4¼"	6.0
77-9123	32 cm/12½"	14 cm/5½"	8.0
77-9124	38 cm/15¼"	13 cm/5"	11.0
77-9125	40 cm/16"	15.5 cm/6"	14.0

Instrument Tray



Forceps Holder



Kidney Bowl



Laboratory Bowl



Graduated Medicine Cup



Graduated Medicine Cup



Solution Bowl



Laboratory Bowl



Graduated Jug

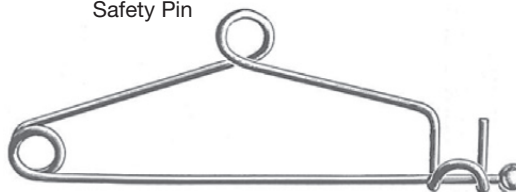


Graduated Jug



Mayo

Safety Pin



Graduated Medicine Cup

Art.-No.	Ø	Height	Capacity
77-9105	5 cm/2"	2.5 cm	0.03

Graduated Medicine Cup

Art.-No.	Ø	Height	Capacity
77-9106	5.3 cm/2"	4.5 cm/1¾"	0.05

Solution Bowl

Art.-No.	Ø	Height	Capacity
77-9090	5 cm/2"	4.5 cm/1¾"	0.05
77-9094	6 cm/2¼"	5.2 cm/2"	0.075

Laboratory Bowl

Art.-No.	Ø	Height	Capacity
77-9095	8 cm/3"	3.5 cm/1¼"	0.1
77-9096	9 cm/3½"	5.5 cm/2"	0.2
77-9097	10 cm/4"	6.5 cm/2¼"	0.3
77-9098	12 cm/4½"	7.0 cm/2½"	0.4

Graduated Jug

Art.-No.	Height	Capacity
77-9147	5 cm/2"	0.1
77-9148	7 cm/2½"	0.25

Graduated Jug

Art.-No.	Height	Capacity
77-9149	13 cm/5"	0.5
77-9150	15 cm/6"	1.0
77-9151	16 cm/6¼"	1.5
77-9152	17 cm/6½"	2.0

Mayo Safety Pin

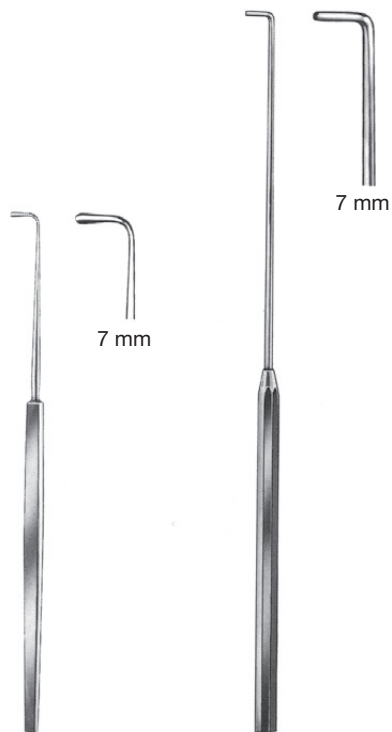
Art.-No.	Length
77-9995	14 cm/5½"



**Wound Hooks | Dissectors
Raspatories | Retractors | Hand Retractors
Bone Curettes | Lung Spatulas**



Crile



Art.-No.	Length
30-0299	14.5 cm/5½" 7 mm 90°
30-0300	20 cm/8" 7 mm 90°

Cushing



Art.-No.	Length
30-0304	19 cm/7½" 5 mm
30-0305	19 cm/7½" 7 mm
30-0306	28 cm/11" 5 mm
30-0307	28 cm/11" 7 mm

Adson



Art.-No.	Length
30-0315	20 cm/8" sharp
30-0316	20 cm/8" blunt

Wound Hooks

GEISTER®

Smithwick



Art.-No.	Length
30-0310	17 cm / 6½"
30-0311	21 cm / 8¼"

Hoen



Art.-No.	Length
30-0275	22 cm / 8½"

Blalock



Art.-No.	Length
30-0301	24 cm / 9½" Suture Hook

Dandy

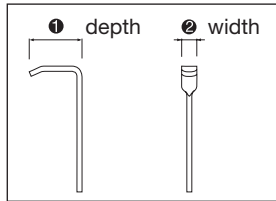


Art.-No.	Length
30-0281	22 cm / 8¾"

Sachs



Art.-No.	Length
30-0312	21 cm / 8¼"



- ① first number = depth
② second number = width

Moberg

Art.-No. 30-0133 **Length** 17.5 cm/6½" 12 x 5 mm

Moberg

Art.-No. 30-0138 **Length** 17.5 cm/6½" 8 x 12 mm

Zenker

Art.-No. 30-0153 **Length** 18.5 cm/7" 3 x 10 mm

Premie

Art.-No. 41-1053 **Length** 18 cm/7" 90° 5 mm

Premie with ball

Art.-No. 41-1015 **Length** 19 cm/7½" 90° 2 mm

Moberg

12 x 5 mm

Moberg

8 x 12 mm

Zenker**Premie**

5 mm

Premie

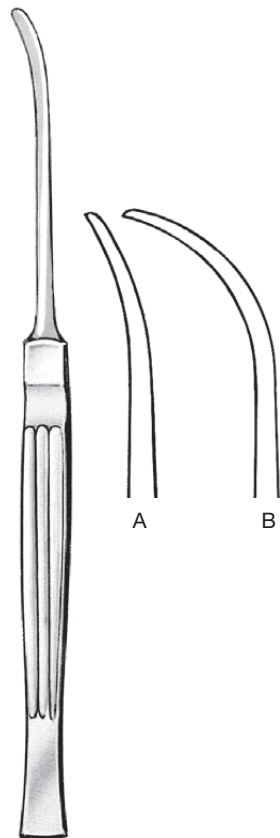
2 mm



Dissectors

GEISTER®

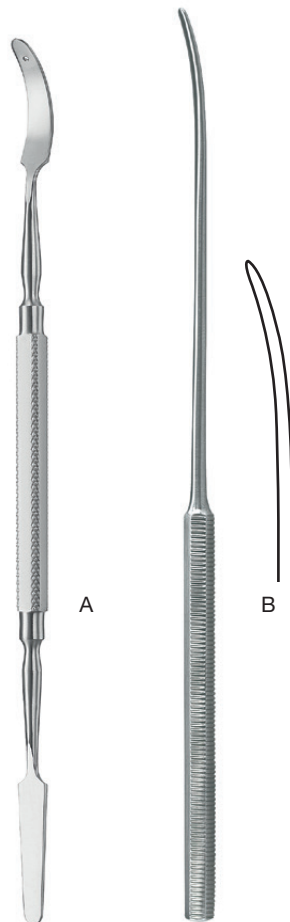
Lemmon



Watson-Cheyne



Mc Donald



Robb

**Lemmon**

Art.-No.	Fig.	Length
28-0050	A	17 cm/6½"
28-0055	B	17 cm/6½"

Watson-Cheyne

Art.-No.	Length
28-0030	18 cm/7"

Mc Donald

Art.-No.	Fig.	Length
28-0020	A	18 cm/7"
blunt		
28-0060	B	19 cm/7½"
28-0062	B	18 cm/7"

Robb

Art.-No.	Length
28-0031.02	2.0/1.0 mm 20.5 cm/8"
28-0031.03	3.0/1.5 mm 20.5 cm/8"
28-0031.04	4.0/2.0 mm 20.5 cm/8"
28-0031.05	5.0/2.5 mm 20.5 cm/8"

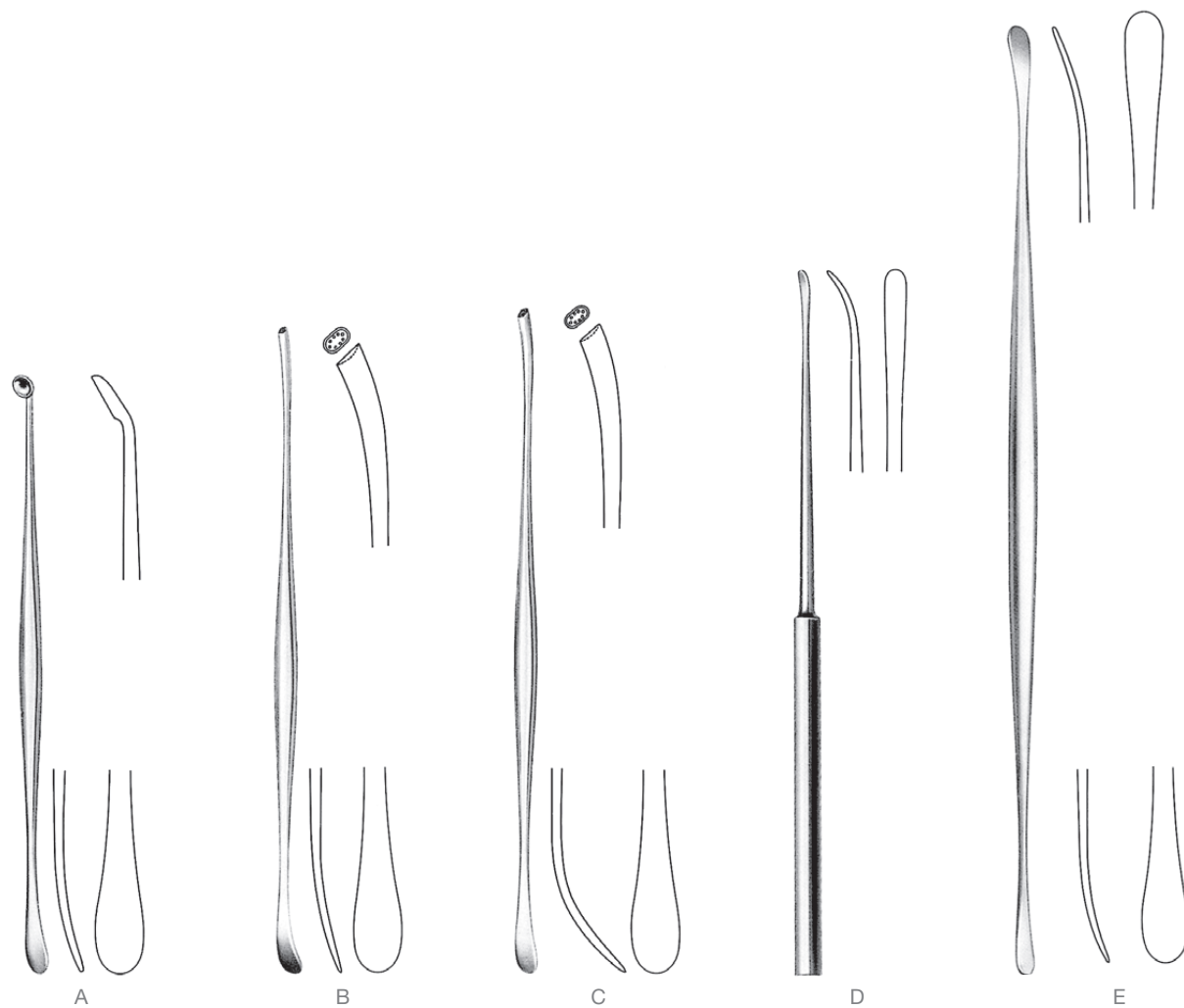


Fig.	Art.-No.	Length
A	28-0041	17.5 cm / 6½"
B	28-0042	19.5 cm / 7½"
C	28-0043	19.5 cm / 7½"
D	28-0044	20.5 cm / 8"
E	28-0045	29.0 cm / 11½"

Freer

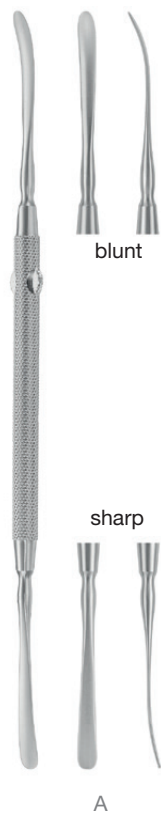
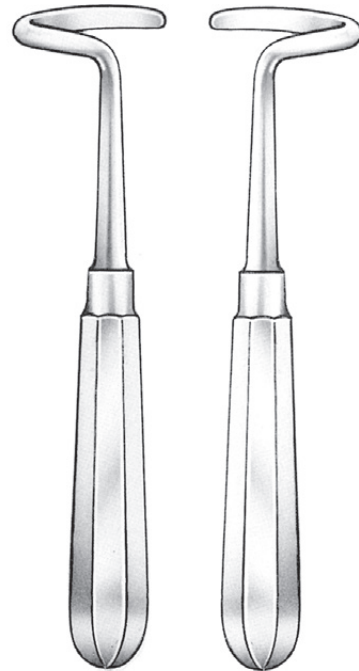


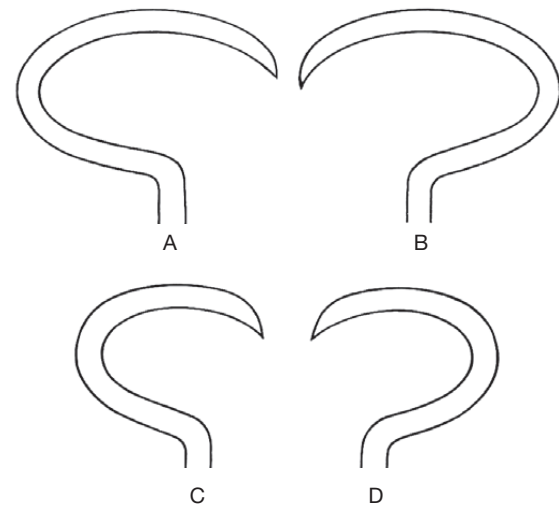
Fig.	Art.-No.	Length
A	28-0071	20 cm/8"
B	28-0072	20 cm/8"



Doyen



Doyen Art.-No. for adults	Fig.	Length
40-8230	B	17 cm/6½"
40-8240	A	17 cm/6½"
for children		
40-8235	D	17 cm/6½"
40-8245	C	17 cm/6½"



Semb



Semb			
Art.-No.	Fig.	Length	
40-8202	A	22 cm/8½"	15 mm
40-8203	B	22 cm/8½"	15 mm
40-8204	C	22 cm/8½"	13 mm
40-8205	D	17.5 cm/7"	13 mm
40-8206	E	23 cm/9"	12 mm
40-8207	F	19.5 cm/7½"	12 mm
40-8208	G	21.5 cm/8¼"	13 mm



Farabeuf

Farabeuf

Lambotte

Farabeuf

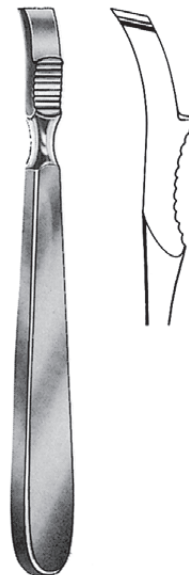
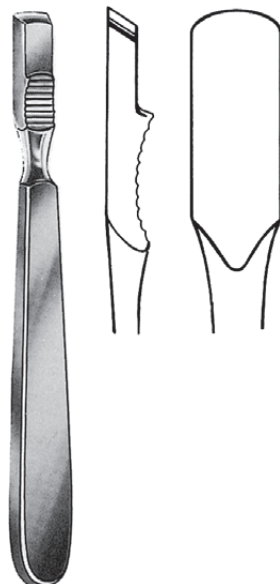
Art.-No.	Length	
40-8300	15 cm/6"	12.5 mm

Farabeuf

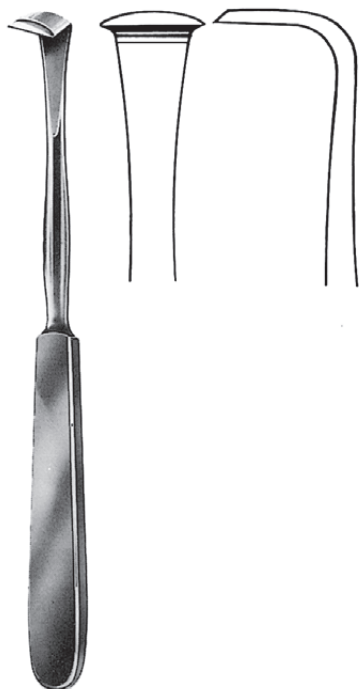
Art.-No.	Length	
40-8305	15 cm/6"	12.5 mm

Lambotte

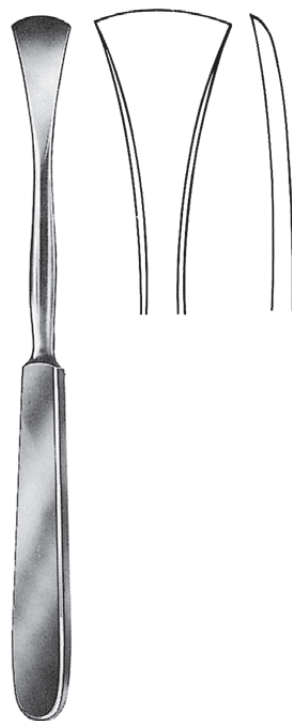
Art.-No.	
40-8345	5 mm
40-8350	10 mm
40-8355	15 mm
40-8360	20 mm
40-8365	25 mm



Langenbeck



Langenbeck

**Langenbeck**

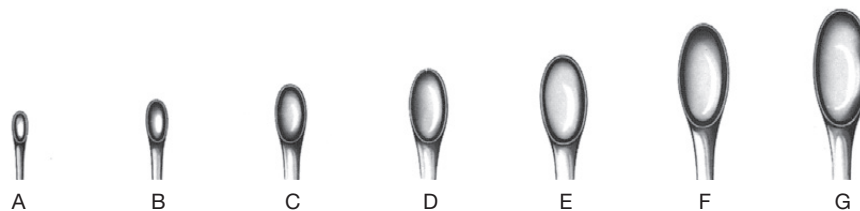
Art.-No.	Length	
40-8380	18 cm/7"	14 mm

Langenbeck

Art.-No.	Length	
40-8382	19 cm/7½"	16 mm



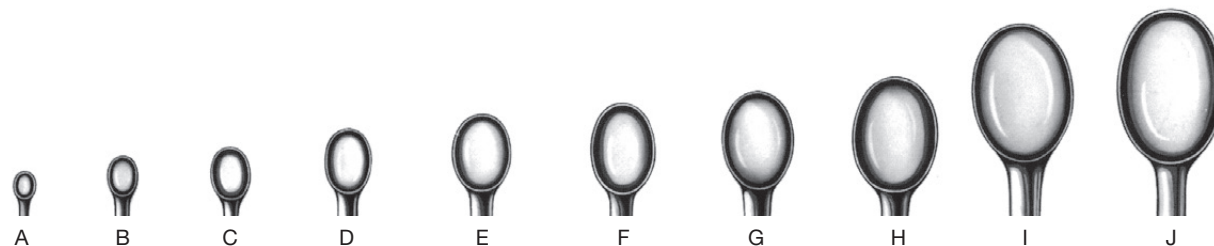
Schede



Schede

Art.-No.	Fig.	Length
40-7410	A	17 cm/6½"
40-7412	B	17 cm/6½"
40-7414	C	17 cm/6½"
40-7416	D	17 cm/6½"
40-7418	E	17 cm/6½"
40-7420	F	17 cm/6½"
40-7422	G	17 cm/6½"

Volkman



Volkman

Art.-No.	Fig.	Length
40-4432	A	17 cm/6½"
40-4434	B	17 cm/6½"
40-4436	C	17 cm/6½"
40-4438	D	17 cm/6½"
40-4440	E	17 cm/6½"
40-4442	F	17 cm/6½"
40-4444	G	17 cm/6½"
40-4446	H	17 cm/6½"
40-4448	I	17 cm/6½"
40-4450	J	17 cm/6½"

Bruns



A



B



C



D



E



F



G



H



I



J

Penfield Art.-No.	Fig.	Length
40-4462	A	17 cm/6½"
40-4464	B	17 cm/6½"
40-4466	C	17 cm/6½"
40-4468	D	17 cm/6½"
40-4470	E	17 cm/6½"
40-4472	F	17 cm/6½"
40-4474	G	17 cm/6½"
40-4476	H	17 cm/6½"
40-4478	I	17 cm/6½"
40-4480	J	17 cm/6½"



Retractors

Marberger Malleable

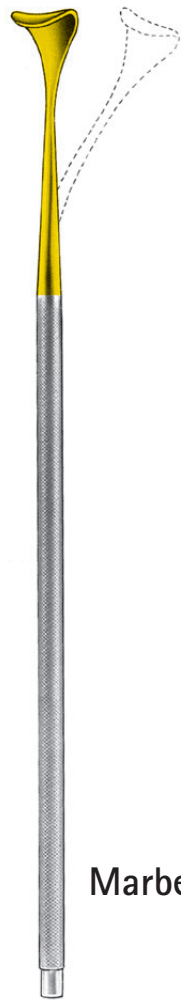
Art.-No.	Length	Width
30-0099	24 cm/9 1/2"	4 mm
30-0100	24 cm/9 1/2"	6 mm
30-0101	24 cm/9 1/2"	8 mm
30-0102	24 cm/9 1/2"	12 mm
30-0103	24 cm/9 1/2"	15 mm
30-0104	24 cm/9 1/2"	17 mm
30-0105	24 cm/9 1/2"	20 mm
30-0106	24 cm/9 1/2"	23 mm

Cushing Not Malleable

Art.-No.	Fig.	Length	Width
30-0121	A	24 cm/9 1/2"	8 mm
30-0122	B	24 cm/9 1/2"	10 mm
30-0123	C	24 cm/9 1/2"	12 mm
30-0124	D	24 cm/9 1/2"	14 mm
30-0125	E	24 cm/9 1/2"	16 mm
30-0126	F	24 cm/9 1/2"	18 mm

Wire Retractor

Art.-No.	Length	Width
30-0140	24 cm	14 mm
30-0141	24 cm	17 mm
30-0142	24 cm	20 mm



Marberger



A



B



C



D



E



F



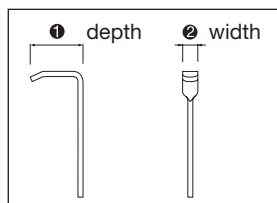
Cushing



Wire
Retractor

Retractors

GEISTER®



- ① first number = depth
② second number = width

Davidson
Retractors



Retractor,
USA Pattern



Cooley
Retractor,

**Davidson Retractors**

Art.-No.	Length	Size
30-0350	16 cm/6¼"	75 x 50 mm
30-0352	16 cm/6¼"	75 x 90 mm

Retractor, USA Pattern

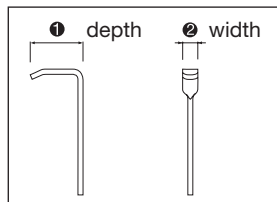
Art.-No.	Length	Bending
30-0410	45 x 50 mm	right, deep
30-0411	18 x 30 mm	right
30-0413	35 x 38 mm	right
30-0414	45 x 48 mm	right
30-0417	17 x 19 mm	left
30-0416	38 x 19 mm	left
30-0415	45 x 20 mm	left

**Cooley
Retractor, European Pattern**

Art.-No.	Length	Bending
30-0400	45 x 45 mm	right
30-0402	45 x 45 mm	right serrated
30-0404	15 x 45 mm	left



Retractors



- ① first number = depth
② second number = width

Ionsescu

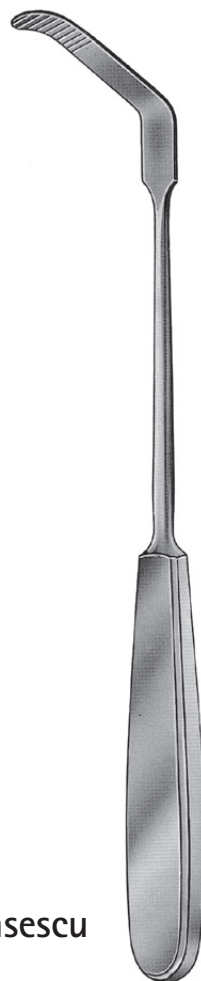
Art.-No.	Length	Size
mm		
30-0354	21 cm/8 1/4"	7/10

Zenker

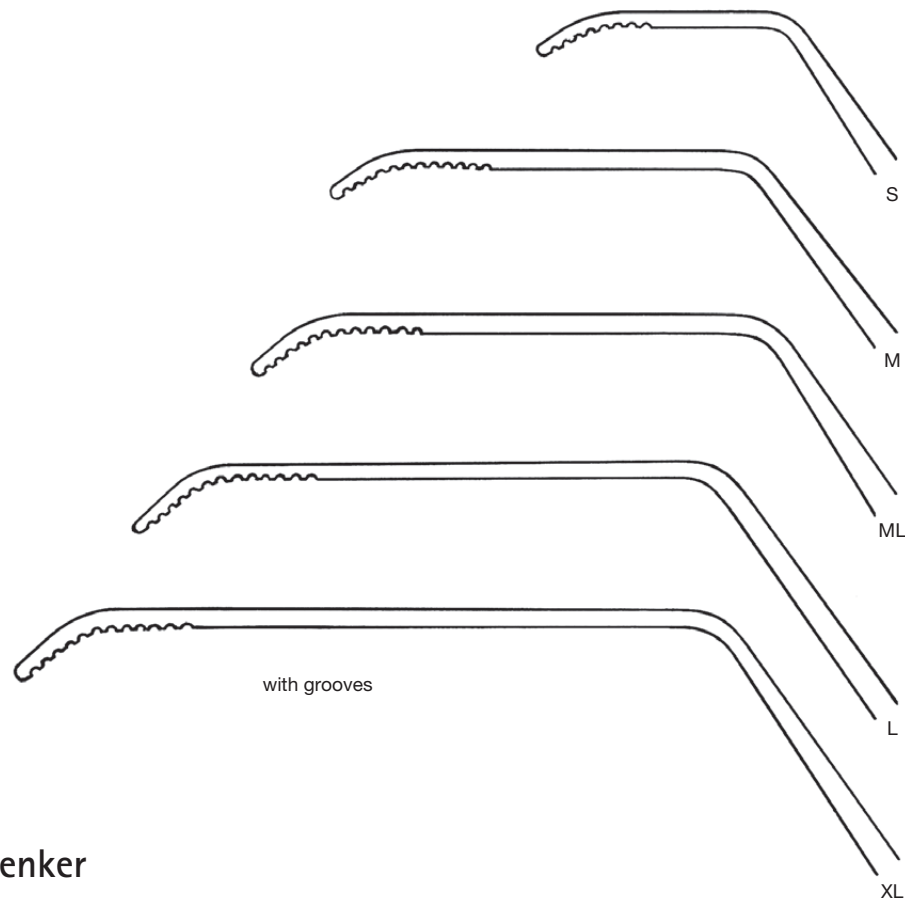
Art.-No.	Fig.	Length	Size
mm			
30-0200	S	25 cm	35 x 8
30-0201	M	26 cm	60 x 12
30-0202	ML	27 cm	75 x 12
30-0203	L	27 cm	85 x 20
30-0204	XL	27 cm	100 x 25



Ionsescu

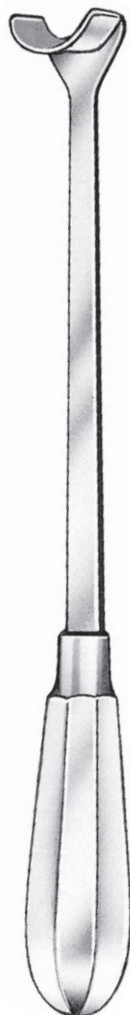


Zenker



Retractors

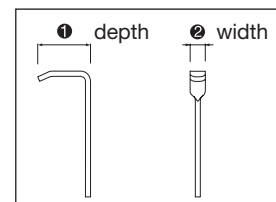
GEISTER®



Ross



Blanco



① first number = depth

② second number = width

Retractors**Shaft malleable**

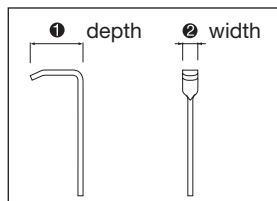
Art.-No.	Length cm/"	
30-0388.01	17 x 21 mm	30 cm/12"
30-0388.02	16 x 23 mm	30 cm/12"
30-0388.03	20 x 25 mm	30 cm/12"
30-0388.04	24 x 27 mm	30 cm/12"
30-0388.05	28 x 20 mm	30 cm/12"
30-0388.06	28 x 29 mm	30 cm/12"

Ross

Art.-No.	Fig	Length cm/"	Size mm
30-0390	1	24/9½	16 x 15
30-0391	2	24/9½	23 x 13
30-0392	3	24/9½	24 x 16
30-0393	4	24/9½	27 x 13
30-0394	5	24/9½	27 x 27
30-0395	6	24/9½	25 x 39

Blanco

Art.-No.	Length	Width
30-0090	28 cm/11"	5 mm
30-0091	28 cm/11"	7 mm
30-0092	28 cm/11"	10mm



- ① first number = depth
② second number = width

Crawford



Art.-No.	Length	Fig.	Size
30-0355	19 cm / 7½"	1	15 x 15 mm
30-0356	19 cm / 7½"	2	15 x 23 mm

Harrington



Art.-No.	Length	Size
30-0365	32 cm / 12½"	127 x 40 mm
30-0366	32 cm / 12½"	127 x 62 mm

Allison

Lung Spatulas



Art.-No.	Length
30-0360	32 cm / 12½" for adults
30-0361	26 cm / 10¼" for children

Allison

Extra large
Lung spatula



Art.-No. Length
30-0362 29 cm/11½" 137 mm

Slade

Lung Spatula



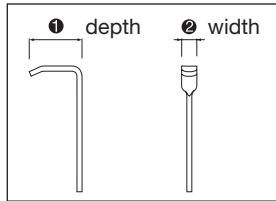
Art.-No. Length
30-0363 22 cm/8¾" 42 mm
30-0364 22 cm/8¾" 22 mm

Abdominal Spatula

malleable

**Abdominal Spatula**

Art.-No.	Length	Size
30-0530	20 cm/8"	6 mm
30-0531	20 cm/8"	8 mm
30-0532	20 cm/8"	10 mm
30-0533	20 cm/8"	12 mm
30-0534	20 cm/8"	17 mm
30-0535	20 cm/8"	20 mm
30-0536	20 cm/8"	25 mm
30-0537	25 cm/10"	25 mm
30-0520	33 cm/13"	20 mm
30-0521	33 cm/13"	25 mm
30-0522	33 cm/13"	30 mm
30-0523	33 cm/13"	35 mm
30-0524	33 cm/13"	40 mm
30-0525	33 cm/13"	50 mm
30-0527	33 cm/13"	75 mm



- ① first number = depth
② second number = width

Tudor-Edwards



Art.-No. 30-0495 **Length** 16.5 cm / 6½" **Size** 45 x 50 mm

Brock's



Art.-No. 30-0497 **Length** 19 cm / 7½" **Size** 13 x 29 mm

Brompton



Art.-No. 30-0496 **Length** 19.5 cm / 7½" **Size** 13 x 26 mm

Cleland's



Art.-No.	Length	Size
30-0494	25.0 cm / 10"	10 mm

Brock

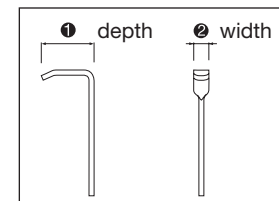


Art.-No.	Length	Size
30-0397	19.0 cm / 7½"	5 mm
30-0398	19.0 cm / 7½"	10 mm
30-0399	19.0 cm / 7½"	12 mm

Langenbeck



Art.-No.	Length	Size
30-0005	22 cm / 8¾"	22 x 6 mm
30-0006	22 cm / 8¾"	45 x 14 mm
30-0007	22 cm / 8¾"	62 x 25 mm
30-0008	22 cm / 8¾"	90 x 18 mm



- ① first number = depth
 ② second number = width



Deaver

Fig.	Art.-No.	Length	Size
000	30-0371	19 cm / 7½"	19 mm
00	30-0372	22 cm / 8½"	22 mm
0	30-0373	25 cm / 10"	25 mm
1	30-0374	30 cm / 12"	25 mm
2	30-0375	33 cm / 13"	25 mm
2½	30-0376	36 cm / 14¼"	25 mm

Lung Spatulas

GEISTER®



3



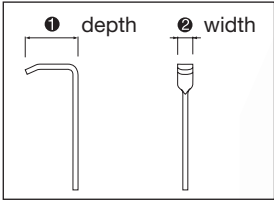
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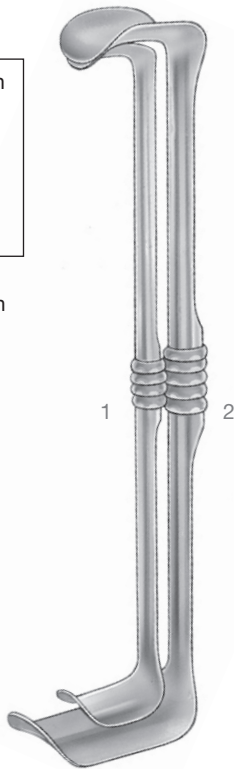
5

Deaver

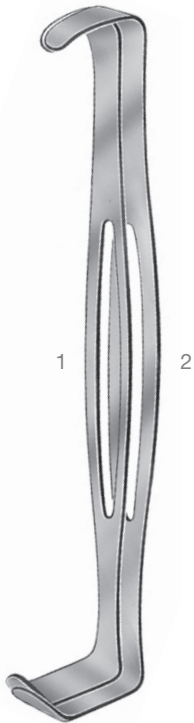
Fig.	Art.-No.	Length	Size
3	30-0377	30.0 cm / 11¾"	38 mm
4	30-0378	30.0 cm / 11¾"	50 mm
5	30-0379	30.0 cm / 11¾"	75 mm



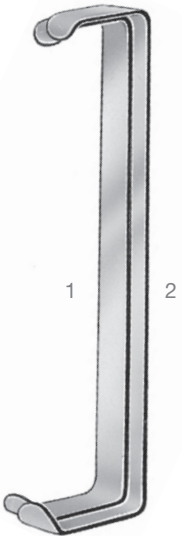
❶ first number = depth
❷ second number = width



Richardson-Eastman			
Fig.	Art.-No.	Length	Size
1	30-0470	25 cm / 10"	28 x 20 mm
		25 cm / 10"	36 x 28 mm
2		27 cm / 10½"	49 x 38 mm
		27 cm / 10½"	71 x 43 mm



Parker-Langenbeck			
Fig.	Art.-No.	Length	Size
1	30-0490	21.0 cm / 8¼"	27 x 15 mm
		21.0 cm / 8¼"	40 x 15 mm
2		21.0 cm / 8¼"	31 x 15 mm
		21.0 cm / 8¼"	45 x 15 mm



Farabeuf			
Fig.	Art.-No.	Length	Size
1	30-0485	12.0 cm / 4¾"	26 x 10 mm
		12.0 cm / 4¾"	30 x 13 mm
2		12.0 cm / 4¾"	30 x 10 mm
		12.0 cm / 4¾"	34 x 13 mm
1	30-0486	15 cm / 6"	23 x 16 mm
		15 cm / 6"	27 x 16 mm
2		15 cm / 6"	26 x 16 mm
		15 cm / 6"	30 x 16 mm

Retractors

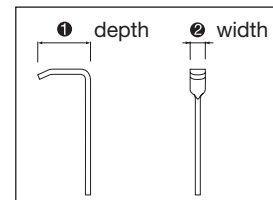
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**Middeldorpf**

Art.-No.	Length	Size mm
30-0195	21.5 cm / 8½"	15 x 16 mm
30-0196	22.5 cm / 8¾"	20 x 22 mm
30-0197	23.5 cm / 9"	28 x 29 mm

**Richardson**

Art.-No.	Length	Size
30-0471	24.0 cm / 9½"	28 x 20 mm
30-0472	24.0 cm / 9½"	36 x 28 mm
30-0473	24.0 cm / 9½"	44 x 38 mm
30-0474	24.0 cm / 9½"	52 x 22 mm



- ① first number = depth
② second number = width

Kelly

Art.-No.	Length	Size
30-0475	26 cm / 10¼"	65 x 50 mm



Desmarres

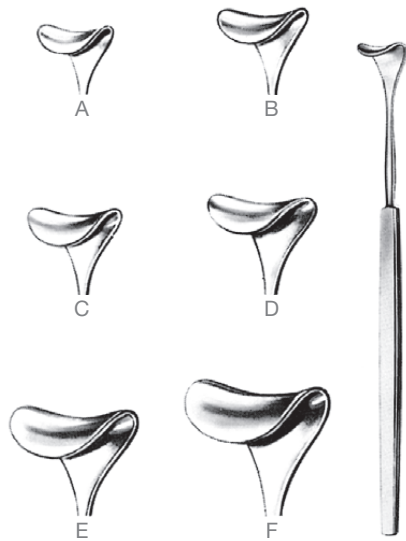


Fig.	Art.-No.	Length	Size mm
A	30-0080	13 cm/5"	8
B	30-0081	13 cm/5"	10
C	30-0082	13 cm/5"	12
D	30-0083	13 cm/5"	14
E	30-0084	13 cm/5"	16
F	30-0085	13 cm/5"	18

Roux

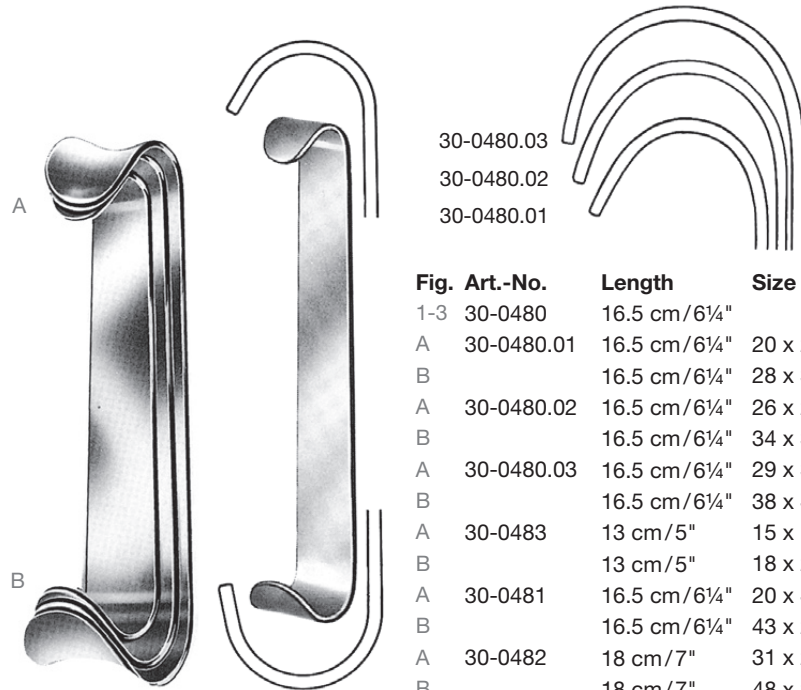
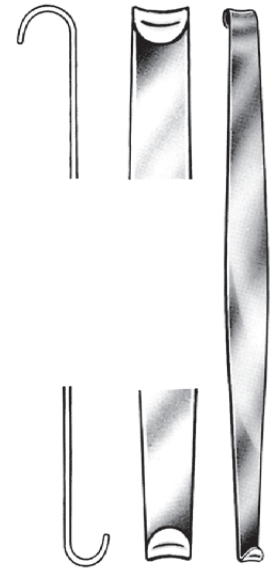


Fig.	Art.-No.	Length	Size mm
1-3	30-0480	16.5 cm/6¼"	
A	30-0480.01	16.5 cm/6¼"	20 x 26
B		16.5 cm/6¼"	28 x 31
A	30-0480.02	16.5 cm/6¼"	26 x 28
B		16.5 cm/6¼"	34 x 37
A	30-0480.03	16.5 cm/6¼"	29 x 31
B		16.5 cm/6¼"	38 x 42
A	30-0483	13 cm/5"	15 x 17
B		13 cm/5"	18 x 21
A	30-0481	16.5 cm/6¼"	20 x 43
B		16.5 cm/6¼"	43 x 23
A	30-0482	18 cm/7"	31 x 27
B		18 cm/7"	48 x 27

Mini-Roux



Art.-No.	Length
30-0484	15 cm/6"

Retractors

GEISTER®

Mini-Langenbeck

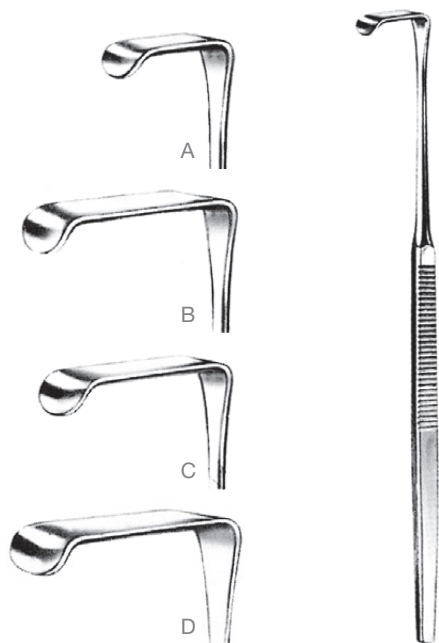
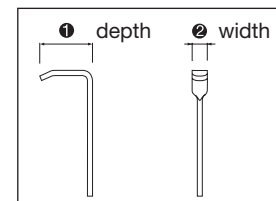
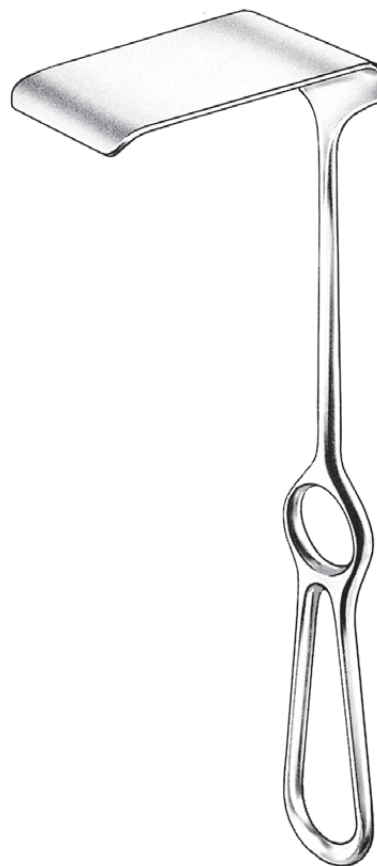


Fig.	Art.-No.	Length	Size
A	30-0001	16 cm / 6¼"	10x6 mm
B	30-0002	16 cm / 6¼"	20x6 mm
C	30-0003	16 cm / 6¼"	17x5 mm
D	30-0004	16 cm / 6¼"	22x8 mm

Kocher



- ① first number = depth
② second number = width

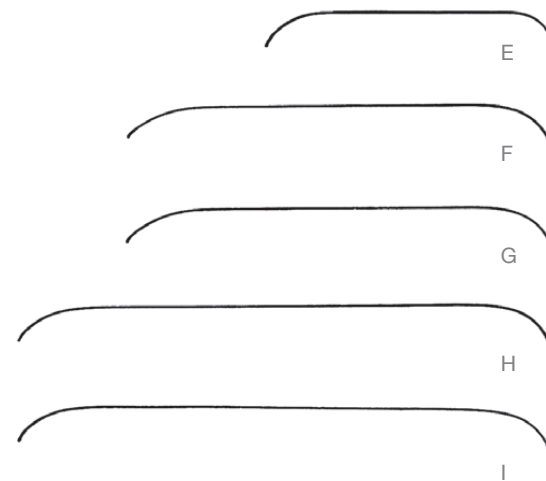


Fig.	Art.-No.	Length	Size
E	30-0054	23 cm / 9"	40x18 mm
F	30-0055	23 cm / 9"	60x20 mm
G	30-0056	23 cm / 9"	60x25 mm
H	30-0057	23 cm / 9"	75x30 mm
I	30-0058	23 cm / 9"	75x40 mm

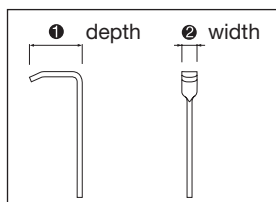


Volkmann

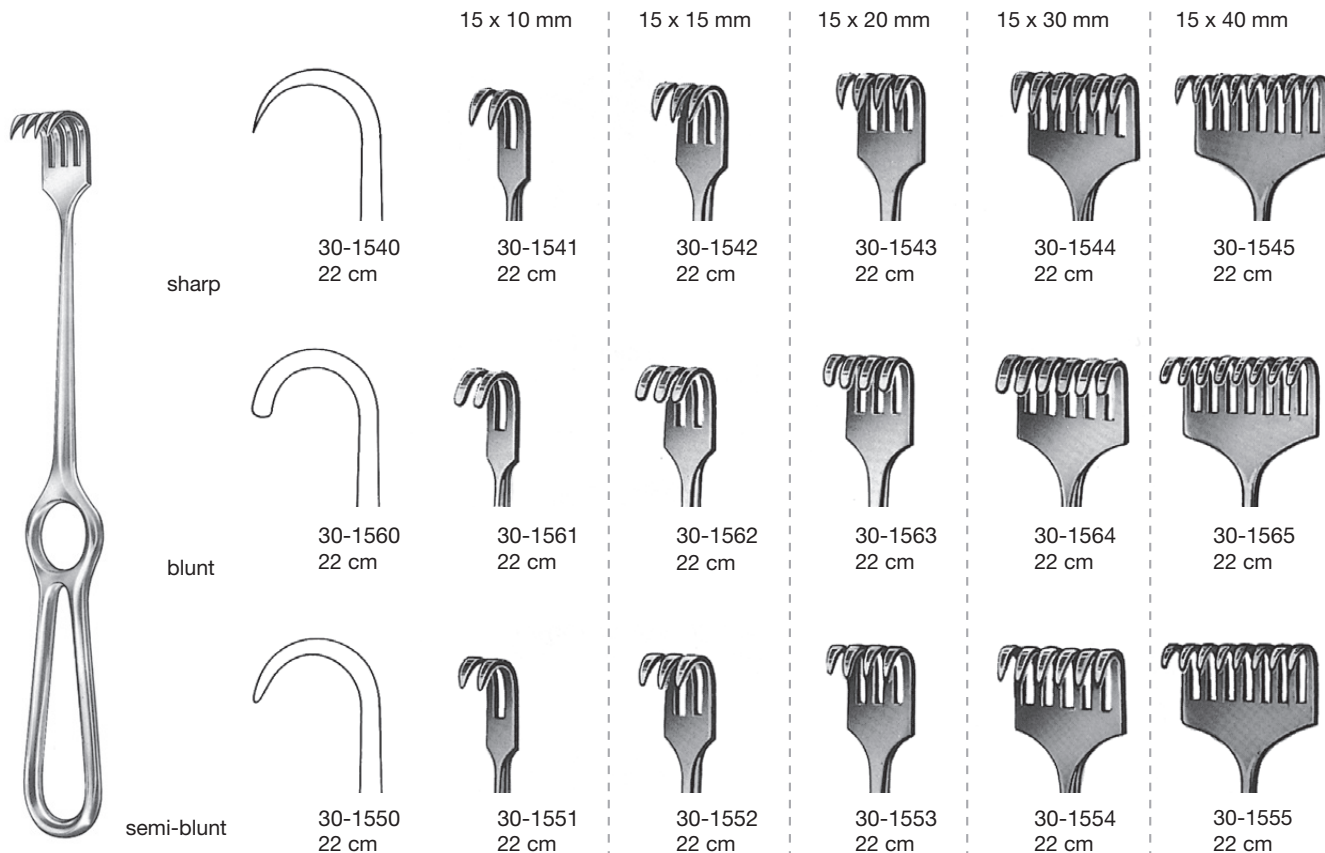


		9 x 8 mm	9 x 13 mm	9 x 19 mm	9 x 29 mm	9 x 40 mm
sharp	 30-1510 22 cm	 30-1511 22 cm	 30-1512 22 cm	 30-1513 22 cm	 30-1514 22 cm	 30-1515 22 cm
blunt	 30-1530 22 cm	 30-1531 22 cm	 30-1532 22 cm	 30-1533 22 cm	 30-1534 22 cm	 30-1535 22 cm
semi-blunt	 30-1520 22 cm	 30-1521 22 cm	 30-1522 22 cm	 30-1523 22 cm	 30-1524 22 cm	 30-1525 22 cm

Kocher



- ① first number = depth
② second number = width





Kocher-Langenbeck



30-0019
21.5 cm, 25 x 6 mm
1



30-0020
21.5 cm, 25 x 8 mm
2



30-0021
21.5 cm, 35 x 8 mm
3



30-0022
21.5 cm, 35 x 11 mm
4



30-0023
21.5 cm, 35 x 15 mm
5



30-0024
21.5 cm, 40 x 11 mm
6



30-0025
21.5 cm, 55 x 11 mm
7



30-0026
21.5 cm, 70 x 14 mm
8



30-0027
21.5 cm, 80 x 12 mm
9



30-0028
21.5 cm, 80 x 16 mm
10

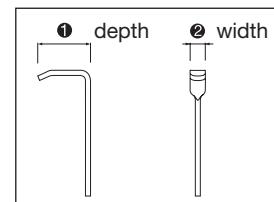
Langenbeck



30-0009
21 cm, 20 x 7 mm
0



30-0010
21 cm, 30 x 11 mm
1



30-0011
21 cm, 30 x 14 mm
2



30-0012
21 cm, 30 x 16 mm
3



30-0013
21 cm, 33 x 14 mm
4



30-0014
21 cm, 40 x 11 mm
5



30-0015
21 cm, 42 x 13 mm
6

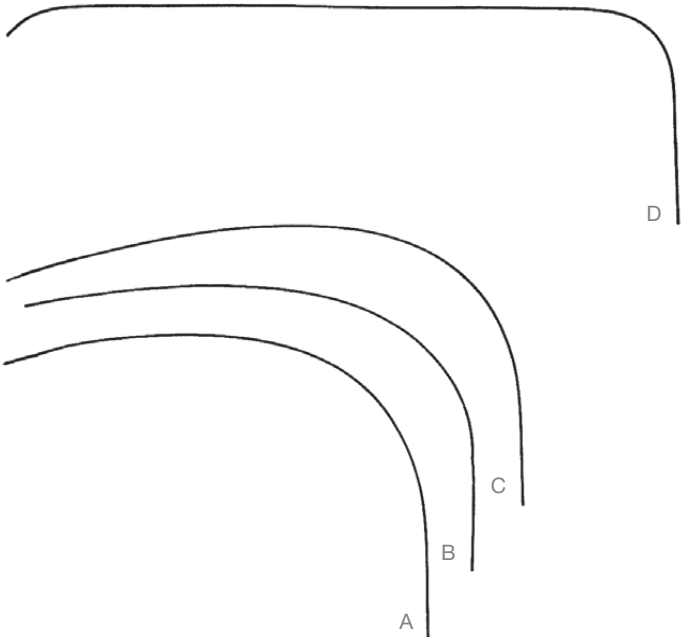


30-0016
21 cm, 50 x 11 mm
7





Langenbeck



Langenbeck			
Fig.	Art.-No.	Length	Size mm
A	30-0060	21.0 cm/8¼"	55x20
B	30-0061	21.0 cm/8¼"	60x20
C	30-0062	21.0 cm/8¼"	63x20

Cushing



Langenbeck			
Fig.	Art.-No.	Length	Size mm
D	30-0063	21.0 cm/8¼"	85x15

Cushing		
Art.-No.	Length	Size mm
30-0130	22.5 cm/8¾"	13x14

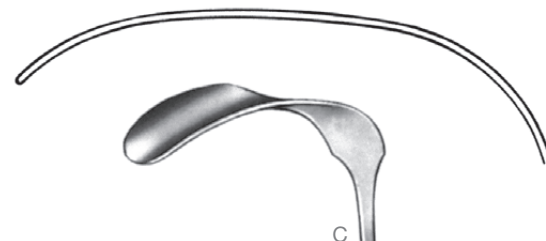
Kocher



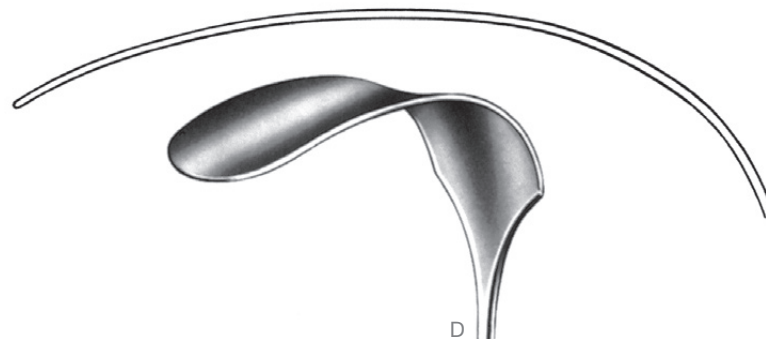
A



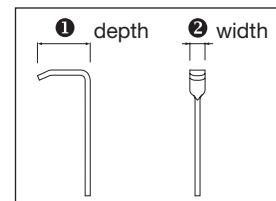
B



C



D



① first number = depth
② second number = width

Fig.	Art.-No.	Length	Size mm
A	30-0450	28.0 cm/11"	22x15
B	30-0451	28.0 cm/11"	38x20
C	30-0452	28.0 cm/11"	67x25
D	30-0453	28.0 cm/11"	100x35



Fritsch



Art.-No.	Length	Size mm
30-0431	24.0 cm / 9½"	45 x 40
30-0432	24.0 cm / 9½"	45 x 50
30-0433	24.0 cm / 9½"	45 x 60
30-0434	24.0 cm / 9½"	45 x 75
30-0435	24.0 cm / 9½"	65 x 85

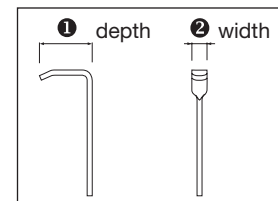
Kocher



Fig.	Art.-No.	Length	Size mm
A	30-0455	22.5 cm / 8¾"	70 x 25
B	30-0456	25.0 cm / 10"	80 x 42
B	30-0457	25.0 cm / 10"	80 x 50
B	30-0458	25.0 cm / 10"	80 x 60



Mikulicz



- ① first number = depth
② second number = width

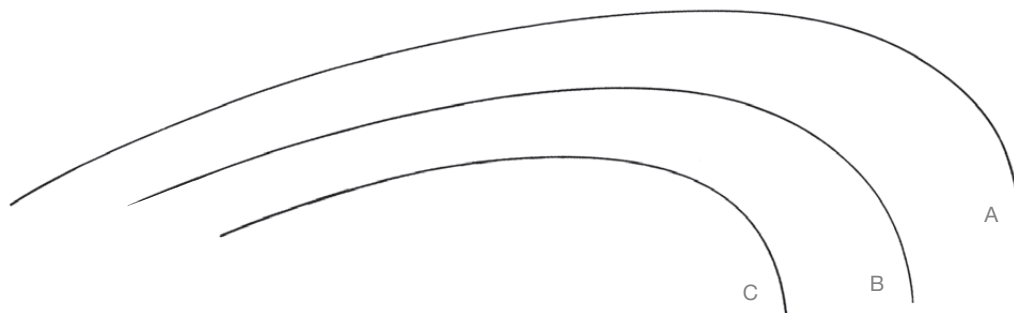


Fig.	Art.-No.	Length	Size mm
A	30-0380	26 cm / 10¼"	155 x 50
B	30-0381	26 cm / 10¼"	120 x 50
C	30-0386	26 cm / 10¼"	85 x 35



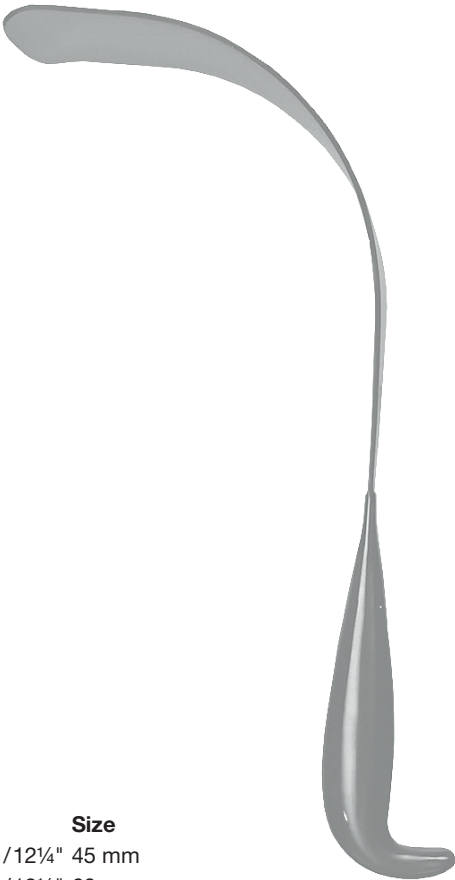
Haberer



Haberer
malleable

Art.-No.	Length	Size mm
30-0345	27 cm / 10½"	25 x 30
30-0346	27 cm / 10½"	37 x 45
30-0347	27 cm / 10½"	40 x 50

Leriche



Leriche

Art.-No.	Length	Size
30-0440	31.0 cm / 12¼"	45 mm
30-0441	31.0 cm / 12¼"	60 mm

Spatulas



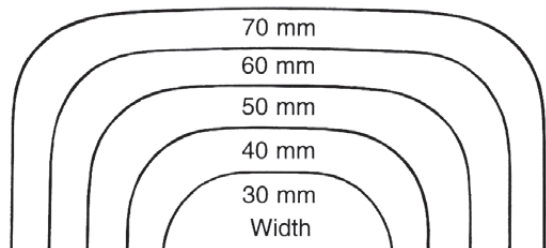
Hetzer		
Art.-No.	Length	Size
03-7010	26 cm/10¼"	6/4 mm

Haight		
Malleable T-Retractor		
Art.-No.	Length	Size
30-0542.01	29.0 cm/11½"	75 mm
30-0542.02	30.0 cm/11¾"	90 mm
30-0542.03	30.5 cm/12"	102 mm
30-0542.04	32.5 cm/12¾"	120 mm
30-0542.05	34.0 cm/	140 mm

Memory		
Nitinol		
Art.-No.	Length	Size
30-0546.16	18.0 cm/7"	16 mm
30-0546.19	18.0 cm/7"	19 mm
30-0546.24	18.0 cm/7"	24 mm
30-0547.20	20.0 cm/8"	20 mm



Stainless Steel



Stainless Steel

malleable

Art.-No.	Length	Size
30-0330	41 cm / 16½"	30 mm
30-0331	41 cm / 16½"	40 mm
30-0332	41 cm / 16½"	50 mm
30-0333	41 cm / 16½"	60 mm
30-0334	41 cm / 16½"	70 mm

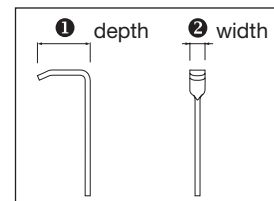
Kader



Kader

Art.-No.	Length	Size
30-0340	27 cm / 10½"	20 mm
30-0341	27 cm / 10½"	30 mm
30-0342	27 cm / 10½"	40 mm

Israel



① first number = depth
② second number = width

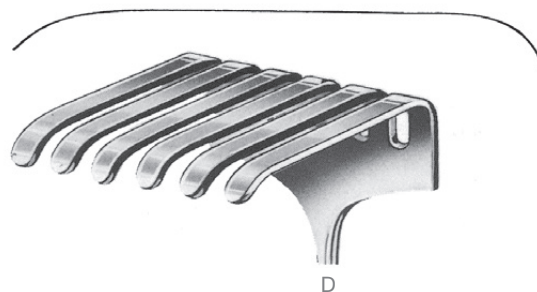
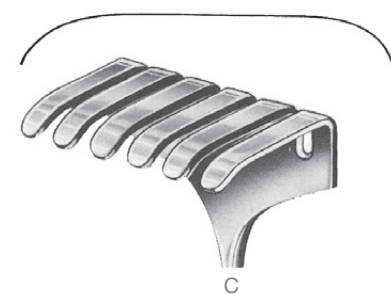
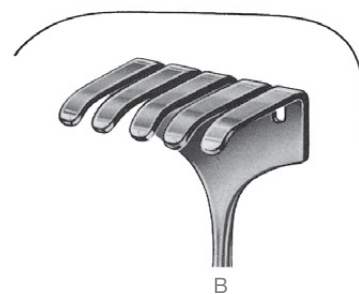
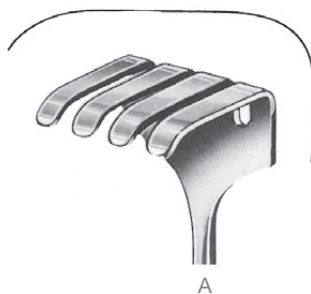


Fig.	Art.-No.	Length	Size mm
A	30-0030	25.0 cm / 10"	40 x 40 mm
B	30-0031	25.0 cm / 10"	45 x 50 mm
C	30-0032	25.0 cm / 10"	50 x 60 mm
D	30-0033	25.0 cm / 10"	70 x 70 mm



Trachea

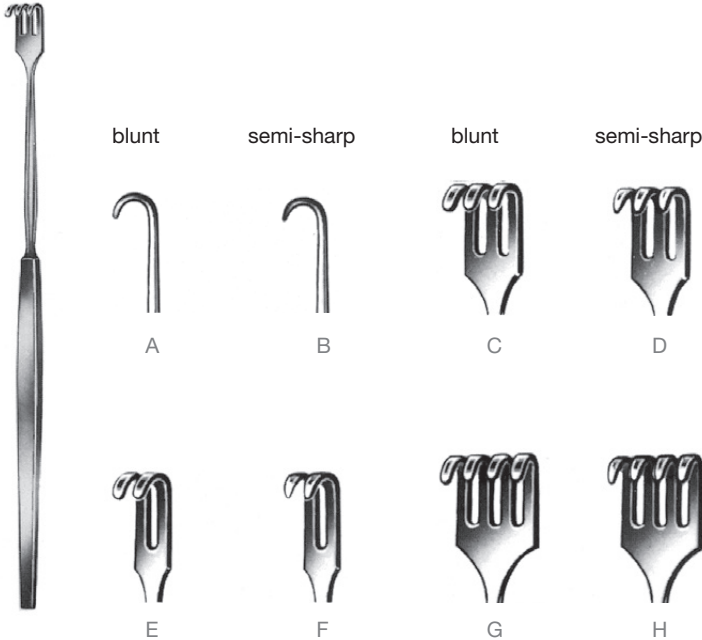


Fig.	Art.-No.	Length
A	30-0165	16.0 cm/6¼"
B	30-0160	16.0 cm/6¼"
C	30-0167	16.0 cm/6¼"
D	30-0162	16.0 cm/6¼"
E	30-0166	16.0 cm/6¼"
F	30-0161	16.0 cm/6¼"
G	30-0168	16.0 cm/6¼"
H	30-0163	16.0 cm/6¼"

Ragnell-Davis



Art.-No.	Length
30-0170	14.0 cm/5½"

Senn-Mueller

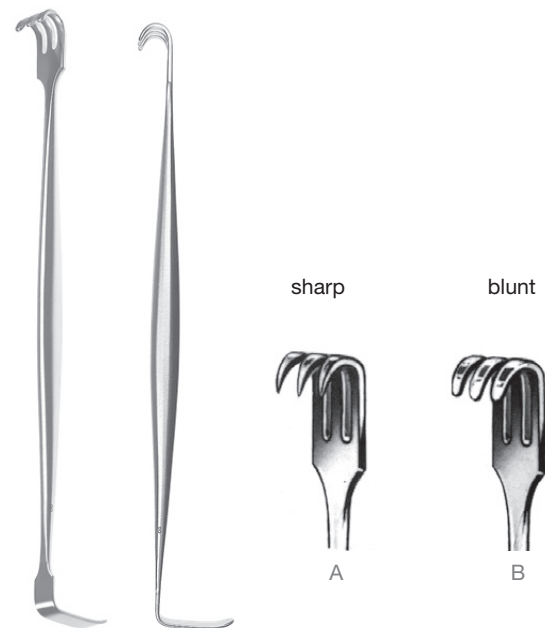


Fig.	Art.-No.	Length
A	30-0175	16.0 cm/6¼"
B	30-0176	16.0 cm/6¼"

The better way to operate™

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