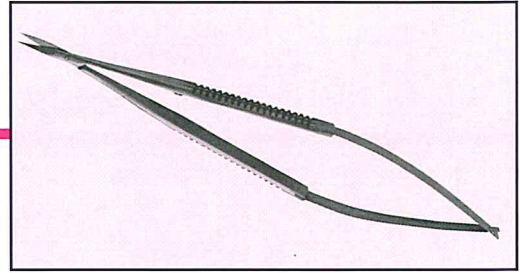


Titanium instruments... only advantages!



The new Titanium Catalogue

As a pioneer in the technical approach of titanium, we are pleased to present this new Titanium Catalogue containing a unique range of instruments mainly oriented towards micro and cardio-vascular procedures.

Why titanium for surgical instruments?

- 45% lighter than stainless steel, resulting in reduced trauma to delicate vessels and arteries
 - stronger and more durable
 - high resistance to corrosion
- more flexible, offering a more delicate, more precise and sensitive feel
- more comfort for the surgeon
 - antimagnetic
 - sterilisable with, and as, stainless steel instruments
 - competitively priced

Guarantee

All titanium instruments are guaranteed against defects in material or workmanship, assuming normal use, for 5 years. The batch number is etched on the instrument.

Some questions you might have about titanium instruments

- Why are titanium instruments blue? The original colour of titanium is silver. The special blue finish gives the instrument its low glare and makes it easily recognizable.

- May a titanium instrument be used at the same time as electrosurgical equipment? Yes, it will work perfectly. The titanium instrument will even be less prone to tissue adhesion.

- Why don't we find more titanium instruments on the market?

It takes a special expertise to manufacture titanium instruments. Titanium forgings are rare on the market. We make our own.

- Can these instruments be serviced?

Even the finest surgical instruments may need to be repaired or refurbished. We recognize the need to provide rapid response and quick turnaround times in these situations.

In order to prolong the life of your damaged instruments, Simal can expertly restore them to first class condition. In fact, we offer one of the industry's most advanced refurbishing/repair services.

Any titanium instrument which needs refurbishing or repair should be forwarded to:

REDA INSTRUMENTE GMBH

Gänsäcker 34 • P.O.Box 131

D-78532 Tuttlingen/Germany

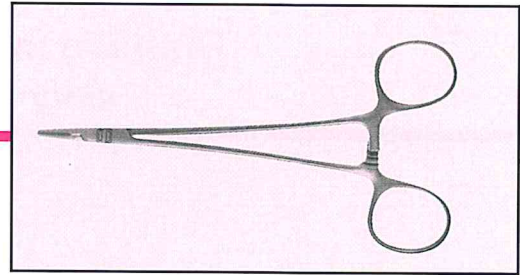
Telefon +49 / 74 62 / 94 45-0

Telefax +49 / 74 62 / 94 45-20

E-Mail: info@Reda-Instrumente.de

<http://www.Reda-Instrumente.de>

**Titanium instruments...
only advantages!**



REDA

With our experience as instrument craftsmen, we are pleased to bring to you this new Titanium Catalogue, continuing in the tradition of excellence for which we are known the world over.

Every effort has been made in this catalogue to give you a clear and reliable description of all our REDA quality products.

Whether it is in stainless steel, or, as here, in titanium, REDA has the precise instrument you need, making this special range of products very unique.

Our professionalism is linked not only to the high qualification of our workforce and the advanced technology we use, but also to the close contacts we have always had with the medical profession.

For more information or a presentation of any part of the REDA range of surgical instruments, contact:



REDA INSTRUMENTE GMBH

Gänsäcker 34 • P.O.Box 131

D-78532 Tuttlingen/Germany

Telefon +49 / 74 62 / 94 45-0

Telefax +49 / 74 62 / 94 45-20

E-Mail: info@Reda-Instrumente.de

<http://www.Reda-Instrumente.de>

**Titanium instruments...
only advantages!**

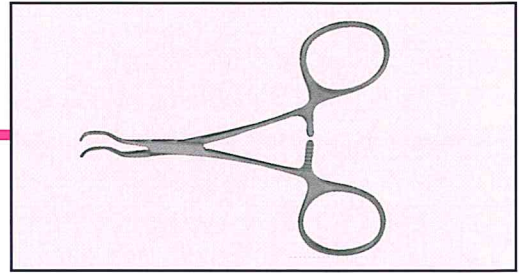


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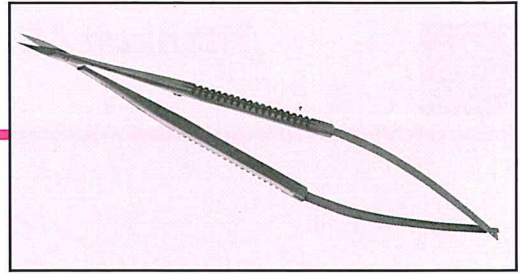
1	page 1	Micro Scissors - Round and Flat Handle
	page 4	Potts Scissors
2	page 5	Tissue Forceps
3	page 7	Haemostatic Forceps
4	page 9	Clamping Forceps
5	page 11	Micro Needle Holders - Flat Handle
	page 13	Micro Needle Holders - Round Handle
	page 15	Needle Holders
6	page 17	Bulldog Clamps
	page 18	Vascular Clamps
7	page 31	Pediatric Instruments
8	page 40	Retractors



INSTRUMENTE GMBH

1

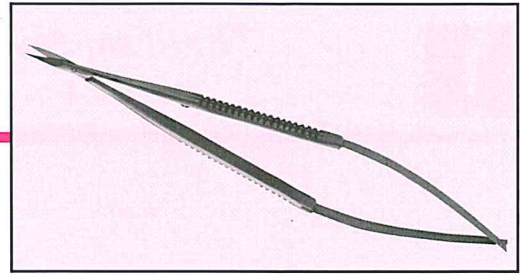
**Titanium Micro Scissors.
Flat Handle.**



TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
	straight	16 cm - 6.1/4"	10950-01
	curved	16 cm - 6.1/4"	10950-02
	straight serrated	16 cm - 6.1/4"	10950-03
	curved serrated	16 cm - 6.1/4"	10950-04
	straight delicate	16 cm - 6.1/4"	10950-05
	curved delicate	16 cm - 6.1/4"	10950-06
	straight	18 cm - 7.1/8"	10950-07
	curved	18 cm - 7.1/8"	10950-08
	straight serrated	18 cm - 7.1/8"	10950-09
	curved serrated	18 cm - 7.1/8"	10950-10
	straight delicate	18 cm - 7.1/8"	10950-11
	curved delicate	18 cm - 7.1/8"	10950-12
	straight	21 cm - 8.1/4"	10951-01
	curved	21 cm - 8.1/4"	10951-02
	straight serrated	21 cm - 8.1/4"	10951-03
	curved serrated	21 cm - 8.1/4"	10951-04
	straight delicate	21 cm - 8.1/4"	10951-05

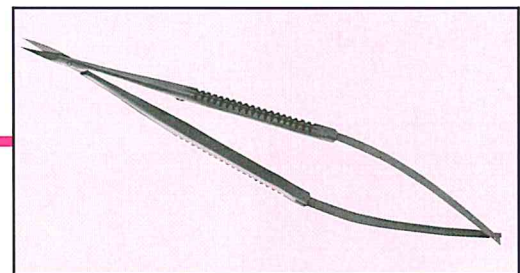
1

**Titanium Micro Scissors.
Flat Handle.**



TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
	curved delicate	21 cm - 8.1/4"	10951-06
	straight	23 cm - 9"	10952-01
	curved	23 cm - 9"	10952-02
	straight serrated	23 cm - 9"	10952-03
	curved serrated	23 cm - 9"	10952-04
	straight delicate	23 cm - 9"	10952-05
	curved delicate	23 cm - 9"	10952-06

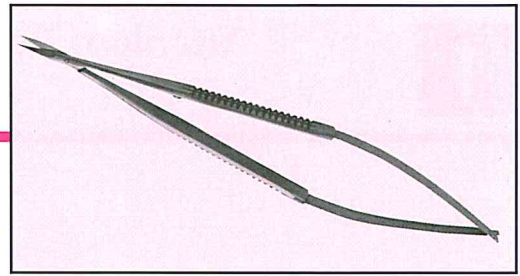
**Titanium Micro Scissors.
Round Handle.**

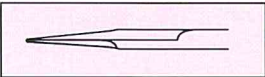
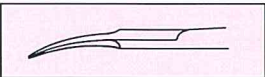
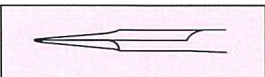
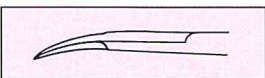
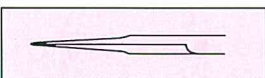
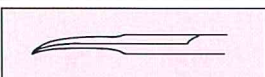
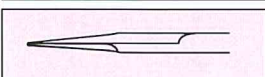
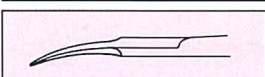
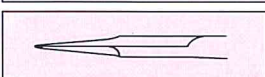
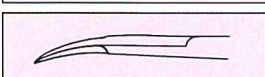
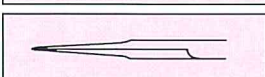
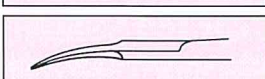
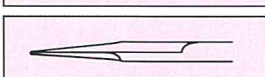
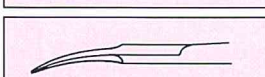
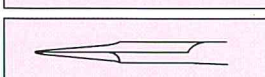
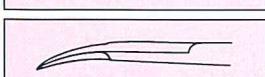
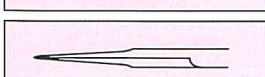
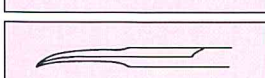


	straight	16 cm - 6.1/4"	10960-01
	curved	16 cm - 6.1/4"	10960-02
	straight serrated	16 cm - 6.1/4"	10960-03
	curved serrated	16 cm - 6.1/4"	10960-04
	straight delicate	16 cm - 6.1/4"	10960-05
	curved delicate	16 cm - 6.1/4"	10960-06

1

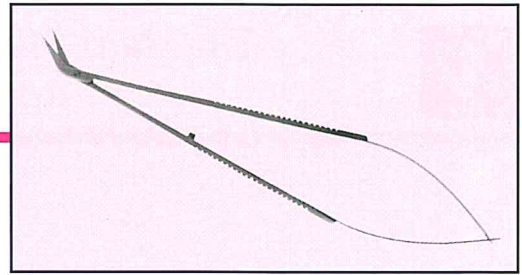
**Titanium Micro Scissors.
Round Handle.**



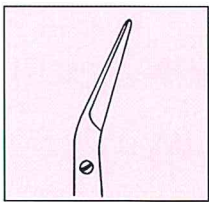
TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
	straight	18 cm - 7.1/8"	10960-07
	curved	18 cm - 7.1/8"	10960-08
	straight serrated	18 cm - 7.1/8"	10960-09
	curved serrated	18 cm - 7.1/8"	10960-10
	straight delicate	18 cm - 7.1/8"	10960-11
	curved delicate	18 cm - 7.1/8"	10960-12
	straight	21 cm - 8.1/4"	10961-01
	curved	21 cm - 8.1/4"	10961-02
	straight serrated	21 cm - 8.1/4"	10961-03
	curved delicate	21 cm - 8.1/4"	10961-04
	straight delicate	21 cm - 8.1/4"	10961-05
	curved delicate	21 cm - 8.1/4"	10961-06
	straight	23 cm - 9"	10962-01
	curved	23 cm - 9"	10962-02
	straight serrated	23 cm - 9"	10962-03
	curved serrated	23 cm - 9"	10962-04
	straight delicate	23 cm - 9"	10962-05
	curved delicate	23 cm - 9"	10962-06

1

**Titanium Potts Scissors.
Flat Handle.**



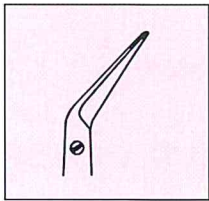
TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
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angulated 25°

18,5 cm - 7.1/4"

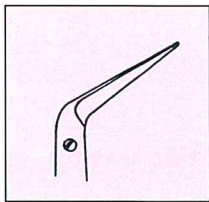
10970-01



angulated 45°

18,5 cm - 7.1/4"

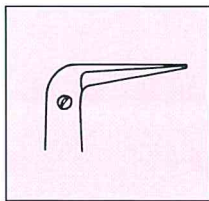
10970-02



angulated 60°

18,5 cm - 7.1/4"

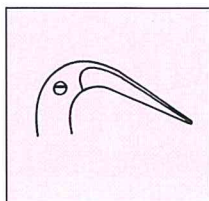
10970-03



angulated 90°

18,5 cm - 7.1/4"

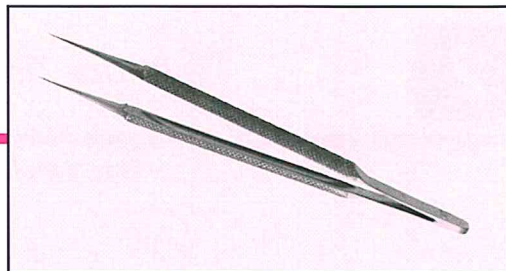
10970-04



angulated 130°

18,5 cm - 7.1/4"

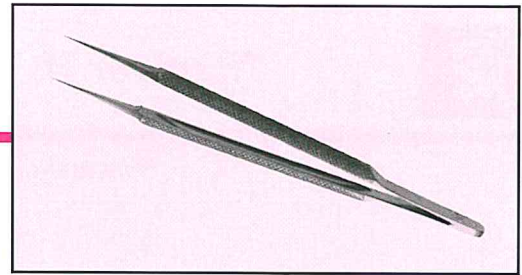
10970-05

2
Titanium Tissue Forceps.
**Flat Handle - **Round Handle*


TIP (Scale 1/1)	SHAPE	REFERENCE
	De Bakey *straight (width of jaws : 2,5 mm)	12950-01 15 cm - 6"
	De Bakey *straight (width of jaws : 2,5 mm)	12950-02 19,5 cm - 7.3/4"
	De Bakey *straight (width of jaws : 2,5 mm)	12950-03 24 cm - 9.1/2"
	De Bakey *straight (width of jaws : 1,5 mm)	12952-01 15 cm - 6"
	De Bakey *straight (width of jaws : 1,5 mm)	12952-02 19,5 cm - 7.3/4"
	De Bakey *straight (width of jaws : 1,5 mm)	12952-03 24 cm - 9.1/2"
	De Bakey *straight (width of jaws : 3 mm)	12954-01 15 cm - 6"
	De Bakey *straight (width of jaws : 3 mm)	12954-02 19,5 cm - 7.3/4"
	De Bakey *straight (width of jaws : 3 mm)	12954-03 24 cm - 9.1/2"
	De Bakey *angular	12957-01 15 cm - 6"
	De Bakey *angular	12957-02 19,5 cm - 7.3/4"
	De Bakey *angular	12957-03 24 cm - 9.1/2"
	Micro tying forceps **straight (Tungsten Carbide on tip)	12960-01 12 cm - 3.3/4"
	Micro tying forceps **curved (Tungsten Carbide on tip)	12960-02 12 cm - 3.3/4"
	Micro tying forceps **straight (Tungsten Carbide on tip)	12961-01 15 cm - 6"
	Micro tying forceps **curved (Tungsten Carbide on tip)	12961-02 15 cm - 6"
	Micro tying forceps **straight (Tungsten Carbide on tip)	12962-01 18 cm - 7.1/8"
	Micro tying forceps **curved (Tungsten Carbide on tip)	12962-02 18 cm - 7.1/8"
	Cushing *	11950-01 20 cm - 8"

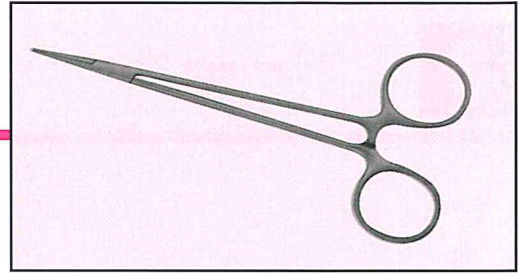
2
Titanium Tissue Forceps.

*Flat Handle - **Round Handle

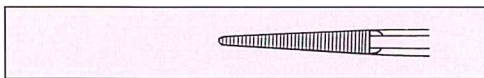


TIP (Scale 1/1)	SHAPE	REFERENCE
	Micro tying forceps **ø int.13/10 ø ext.19/10 (with ring tip)	12966-01 15 cm - 6"
	Micro tying forceps **ø int. 4/10 ø ext. 10/10	12966-02 15 cm - 6"
	Micro tying forceps **ø int. 13/10 ø ext. 19/10	12966-03 18 cm - 7.1/8"
	Micro tying forceps **ø int. 4/10 ø ext. 10/10	12966-04 18 cm - 7.1/8"
	Micro tying forceps **ø int. 10/10 ø ext. 20/10	12966-05 22 cm - 8.3/4"
	Micro tying forceps **ø int. 4/10 ø ext. 10/10	12966-06 22 cm - 8.3/4"
	Adson *without teeth	11952-01 12 cm - 4.3/4"
	Adson *1/2 teeth	11952-02 12 cm - 4.3/4"
	Gerald *serrated tips	11955-01 17,5 cm - 7"
	Gerald *1/2 teeth	11955-02 17,5 cm - 7"
	Mc Indoe *	11957-01 15 cm - 6"
	Gillies *1 x 2 teeth	11959-01 15 cm - 6"
	Cushing *Tungsten Carbide Inserts	11950-02 18 cm - 7.1/8"
	Barraya *2/3 teeth	11962-01 20 cm - 8"
	Guilmet *	11964-01 20 cm - 8"
	Adson *	11952-03 12 cm - 4.3/4"
	Adson *	11952-04 12 cm - 4.3/4"
	Adson-Brown *multiple teeth	11952-05 12 cm - 4.3/4"

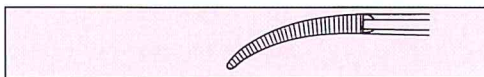
3 Titanium Haemostatic Forceps.



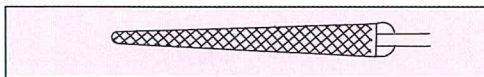
TIP (Scale 1/1)	SHAPE	REFERENCE
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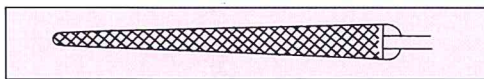
Hartmann
straight 13950-01
10 cm - 3.1/2"



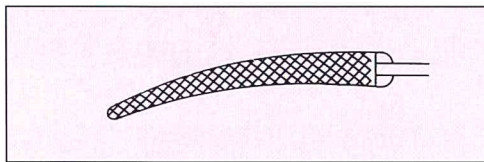
Hartmann
curved 13950-02
10 cm - 3.1/2"



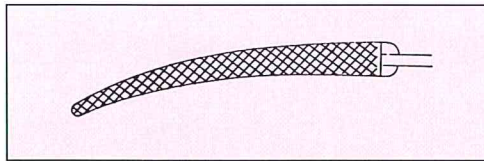
Bengolea
straight 13960-01
18 cm - 7.1/8"



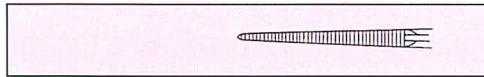
Bengolea
straight 13960-02
23 cm - 9.1/8"



Bengolea
curved 13960-03
18 cm - 7.1/8"



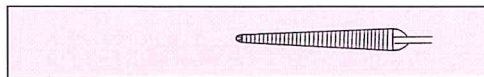
Bengolea
curved 13960-04
23 cm - 9.1/8"



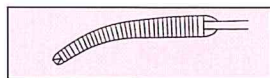
Halstead
straight 13952-01
12,5 cm - 4.3/4"



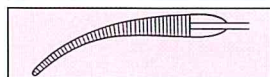
Halstead
curved 13952-02
12,5 cm - 4.3/4"



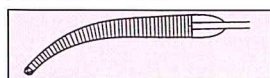
Halstead
straight with teeth 13952-03
12,5 cm - 4.3/4"



Halstead
curved with teeth 13952-04
12,5 cm - 4.3/4"



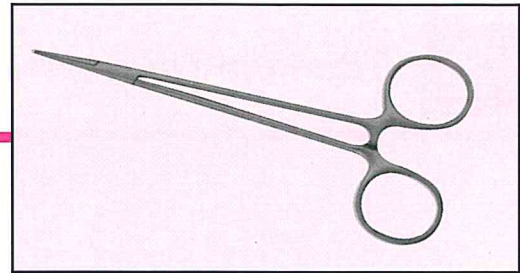
Halstead-Baby
curved 13953-01
12,5 cm - 4.3/4"



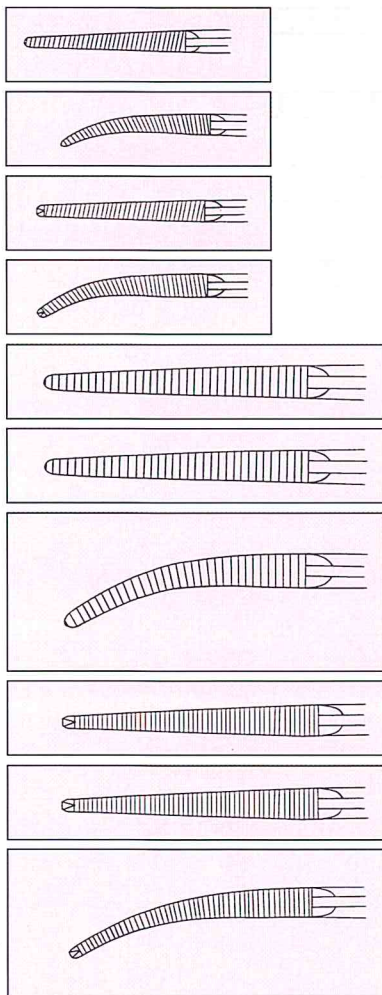
Halstead-Baby
curved with teeth 13953-02
12,5 cm - 4.3/4"

3

Titanium Haemostatic Forceps.



TIP (Scale 1/1)	SHAPE	REFERENCE
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Leriche
straight **13956-01**
15 cm - 6"

Leriche
curved **13956-02**
15 cm - 6"

Leriche
straight (with teeth) **13956-03**
15 cm - 6"

Leriche
curved (with teeth) **13956-04**
15 cm - 6"

Crile
straight **13958-01**
14 cm - 5.1/2"

Crile
straight **13958-02**
16 cm - 6.1/4"

Crile
curved **13958-03**
14 cm - 5.1/2"

Crile
curved **13958-04**
16 cm - 6.1/4"

Crile
straight (with teeth) **13958-05**
14 cm - 5.1/2"

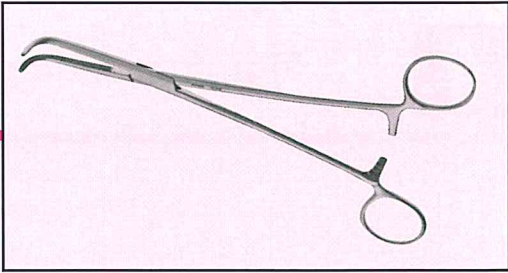
Crile
straight (with teeth) **13958-06**
16 cm - 6.1/4"

Crile
curved (with teeth) **13958-07**
14 cm - 5.1/2"

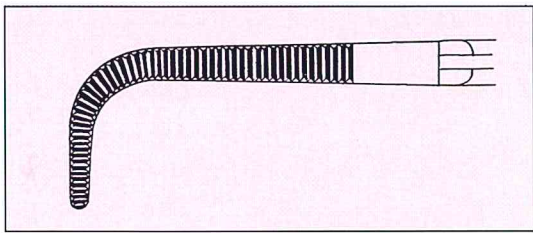
Crile
curved (with teeth) **13958-08**
16 cm - 6.1/4"

4

Titanium Clamping Forceps.

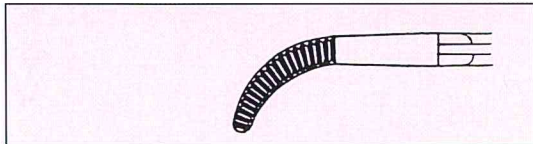


TIP (Scale 1/1)	SHAPE	REFERENCE
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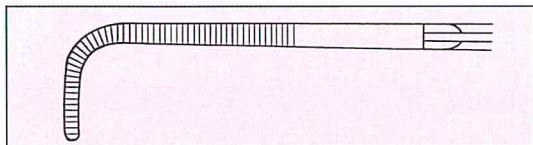
O'Shaughnessy
curved

13962-01
21,5 cm - 8.1/2"



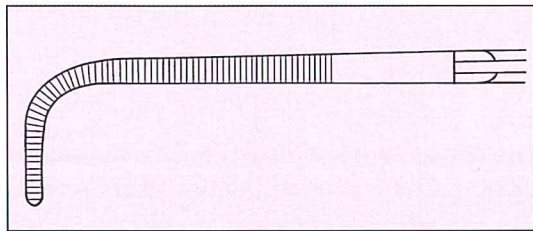
Heiss
1/2 curved

13964-01
21 cm - 8.1/4"



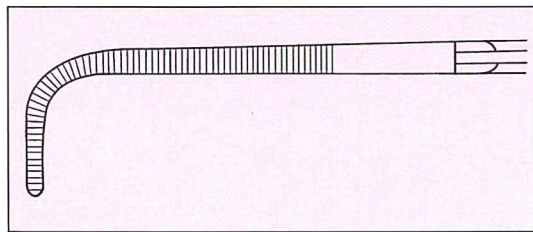
O'Shaughnessy
curved

13962-02
18 cm - 7.1/4"



O'Shaughnessy
curved

13962-03
20 cm - 8"

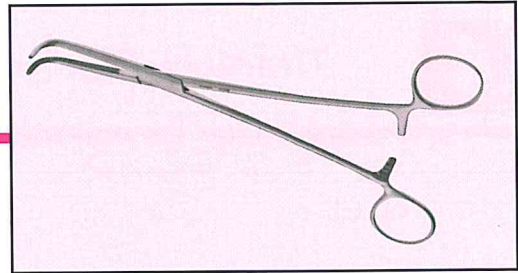


O'Shaughnessy
curved

13962-04
22 cm - 8.3/4"

4

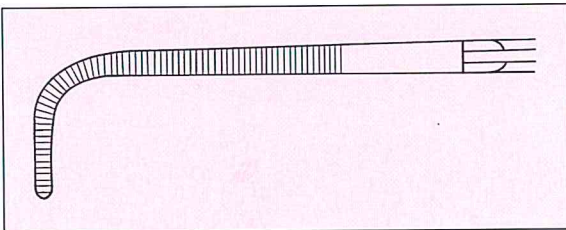
Titanium Clamping Forceps.



TIP (Scale 1/1)

SHAPE

REFERENCE

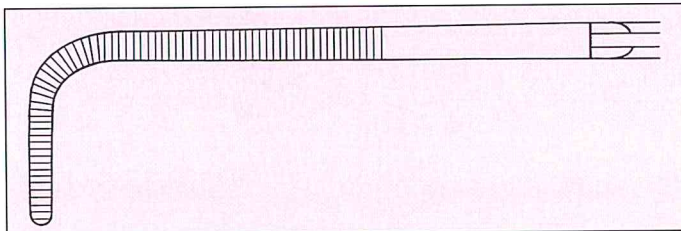


O'Shaughnessy

curved

13962-05

24 cm - 9.1/2"

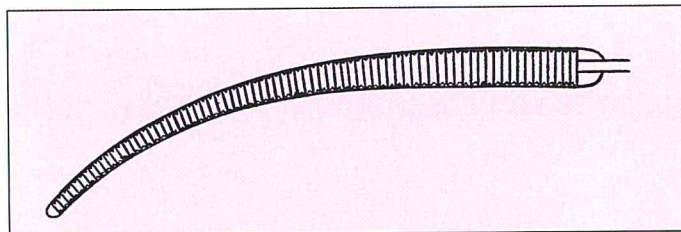


O'Shaughnessy

curved

13962-06

28 cm - 11"

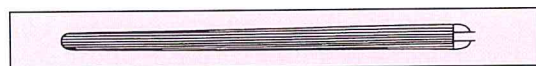


Crafoord

curved

13966-01

24 cm - 9.1/2"

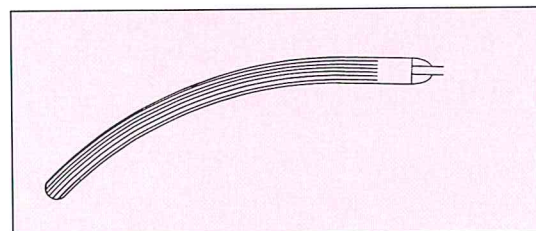


Doyen

straight

13968-01

24 cm - 9.1/2"



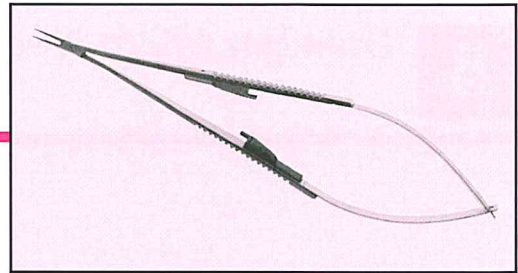
Doyen

curved

13968-02

24 cm - 9.1/2"

5 Titanium Micro Needle Holders.
Flat Handle.



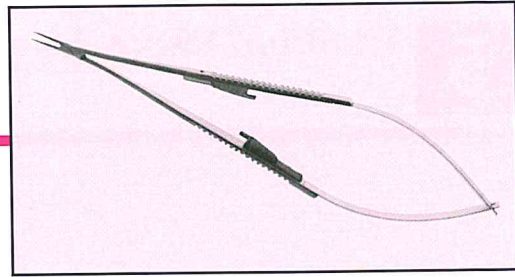
TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
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Tungsten Carbide Coated (TCC)

	straight	16 cm - 6.1/4"	25950-01
	straight with catch	16 cm - 6.1/4"	25950-02
	curved	16 cm - 6.1/4"	25950-03
	curved with catch	16 cm - 6.1/4"	25950-04
	straight	18 cm - 7.1/8"	25951-01
	straight with catch	18 cm - 7.1/8"	25951-02
	curved	18 cm - 7.1/8"	25951-03
	curved with catch	18 cm - 7.1/8"	25951-04
	straight	21 cm - 8.1/4"	25952-01
	straight with catch	21 cm - 8.1/4"	25952-02
	curved	21 cm - 8.1/4"	25952-03
	curved with catch	21 cm - 8.1/4"	25952-04
	straight	23 cm - 9"	25953-01
	straight with catch	23 cm - 9"	25953-02
	curved	23 cm - 9"	25953-03
	curved with catch	23 cm - 9"	25953-04

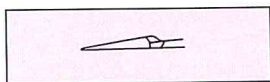
5

**Titanium Micro Needle Holders.
Flat Handle.**

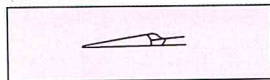


TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
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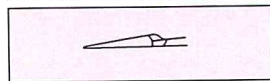
Tungsten Carbide Insert (TCI)



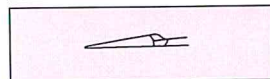
straight 16 cm - 6.1/4" **25954-01**



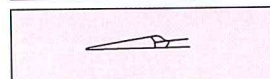
straight with catch 16 cm - 6.1/4" **25955-01**



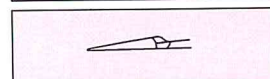
straight 18 cm - 7.1/8" **25956-01**



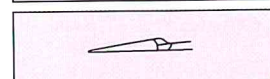
straight with catch 18 cm - 7.1/8" **25956-02**



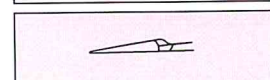
straight 21 cm - 8.1/4" **25957-01**



straight with catch 21 cm - 8.1/4" **25957-02**

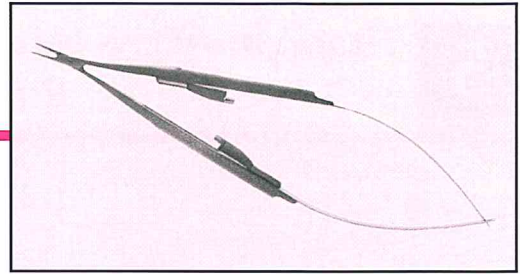


straight 23 cm - 9" **25958-01**



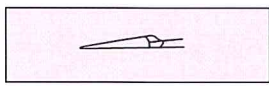
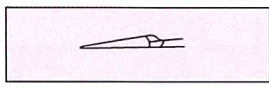
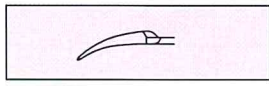
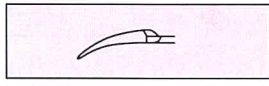
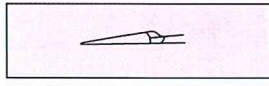
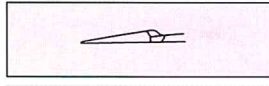

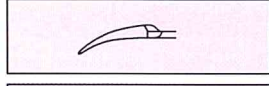
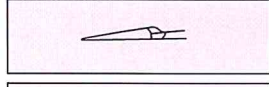
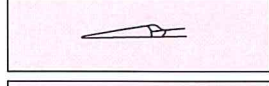
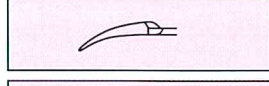
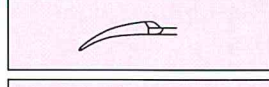
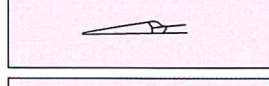
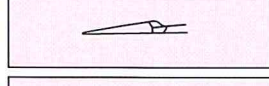
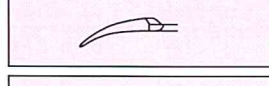

straight with catch 23 cm - 9" **25958-02**

5 **Titanium Micro Needle Holders.**
Round Handle.

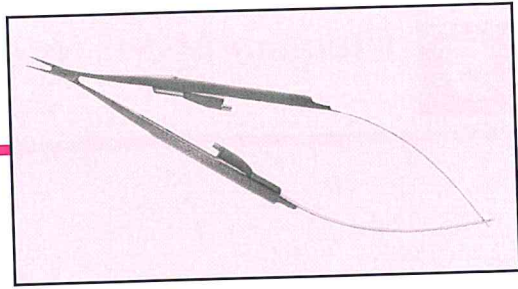


TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
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Tungsten Carbide Coated (TCC)

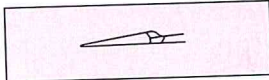
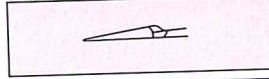
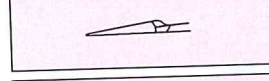
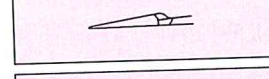
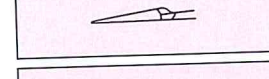
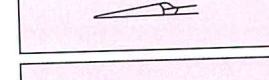

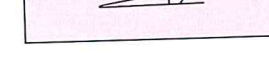
	straight	16 cm - 6.1/4"	25960-01
	straight with catch	16 cm - 6.1/4"	25960-02
	curved	16 cm - 6.1/4"	25960-03
	curved with catch	16 cm - 6.1/4"	25960-04
	straight	18 cm - 7.1/8"	25961-01
	straight with catch	18 cm - 7.1/8"	25961-02
	curved	18 cm - 7.1/8"	25961-03
	curved with catch	18 cm - 7.1/8"	25961-04
	straight	21 cm - 8.1/4"	25962-01
	straight with catch	21 cm - 8.1/4"	25962-02
	curved	21 cm - 8.1/4"	25962-03
	curved with catch	21 cm - 8.1/4"	25962-04
	straight	23 cm - 9"	25963-01
	straight with catch	23 cm - 9"	25963-02
	curved	23 cm - 9"	25963-03
	curved with catch	23 cm - 9"	25963-04

5 Titanium Micro Needle Holders.
Round Handle.



TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
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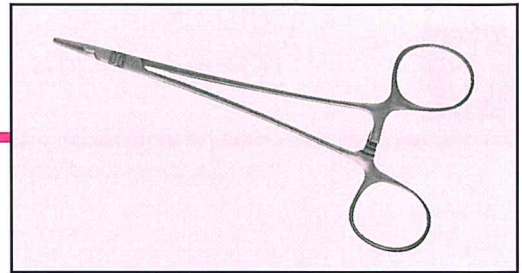
Tungsten Carbide Insert (TCI)

	straight	16 cm - 6.1/4"	25964-01
	straight with catch	16 cm - 6.1/4"	25964-02
	straight	18 cm - 7.1/8"	25966-01
	straight with catch	18 cm - 7.1/8"	25966-02
	straight	21 cm - 8.1/4"	25967-01
	straight with catch	21 cm - 8.1/4"	25967-02
	straight	23 cm - 9"	25968-01
	straight with catch	23 cm - 9"	25968-02

5

Titanium Needle Holders.

*Carbide Coated - **Carbide Inserts



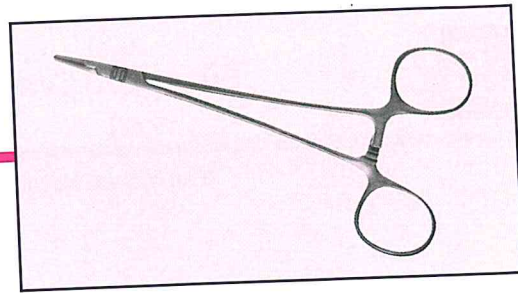
TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
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	Mayo-Hegar 1800 teeth per square inch	**Tungsten 16 cm - 6.1/4"	25970-01
	Mayo-Hegar 1800 teeth per square inch	**Tungsten 18 cm - 7.1/8"	25970-02
	Mayo-Hegar 1800 teeth per square inch	**Tungsten 20 cm - 8"	25970-03
	Mayo-Hegar 1800 teeth per square inch	**Tungsten 22 cm - 8.3/4"	25970-04
	Derf 4000 teeth per square inch	**Tungsten 11,5 cm - 4.1/2"	25972-01
	Derf	*Tungsten 11,5 cm - 4.1/2"	25972-02
	Halsey for suture sizes 4-0 to 6-0/4000 teeth/inch ²	**Tungsten 12,5 cm - 5"	25973-01
	Halsey for suture up to sizes 8-0	*Tungsten 12,5 cm - 5"	25973-02
	Ryder smooth TC projection	*Smooth 15 cm - 6"	25975-01
	Ryder smooth TC projection	*Smooth 17 cm - 6.3/4"	25975-02
	Ryder smooth TC projection	*Smooth 19 cm - 7.1/2"	25975-03
	Ryder 7000 teeth per square inch	*Tungsten 15 cm - 6"	25975-04
	Ryder 7000 teeth per square inch	*Tungsten 17 cm - 6.3/4"	25975-05
	Ryder 7000 teeth per square inch	** Tungsten 19 cm - 7.1/2"	25975-06

5

Titanium Needle Holders.

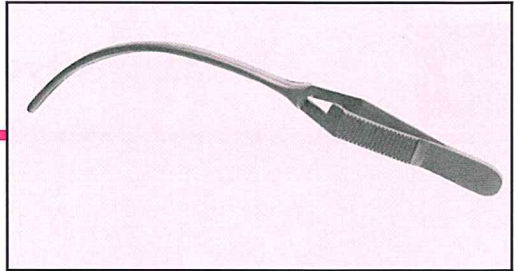
* = Carbide Coated - ** = Carbide Inserts



TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
	De Bakay 4000 teeth per square inch	** Tungsten 16 cm - 6.1/4"	25977-01
	De Bakay 4000 teeth per square inch	** Tungsten 18 cm - 7.1/8"	25977-02
	De Bakay 4000 teeth per square inch	** Tungsten 20 cm - 8"	25977-03
	De Bakay 4000 teeth per square inch	** Tungsten 22 cm - 8.5/8"	25977-04
	De Bakay 4000 teeth per square inch	** Tungsten 25 cm - 10"	25977-05
	De Bakay	* Smooth 18 cm - 7.1/8"	25977-06
	De Bakay	* Smooth 20 cm - 8"	25977-07
	De Bakay	* Smooth 22 cm - 8.5/8"	25977-08
	De Bakay	* Smooth 25 cm - 10"	25977-09
	Intracardiac smooth TC projection	* Smooth 18 cm - 7.1/8"	25980-01
	Intracardiac smooth TC projection	* Smooth 20 cm - 8"	25980-02
	Intracardiac smooth TC projection	* Smooth 22 cm - 8.5/8"	25980-03
	Intracardiac smooth TC projection	* Smooth 25 cm - 10"	25980-04
	Microvascular smooth TC projection	* Smooth 16 cm - 6.1/4"	25981-00
	Microvascular smooth TC projection	* Smooth 18 cm - 7.1/8"	25981-01
	Microvascular smooth TC projection	* Smooth 20 cm - 8"	25981-02
	Microvascular smooth TC projection	* Smooth 22 cm - 8.5/8"	25981-03
	Microvascular smooth TC projection	* Smooth 25 cm - 10"	25981-04

6

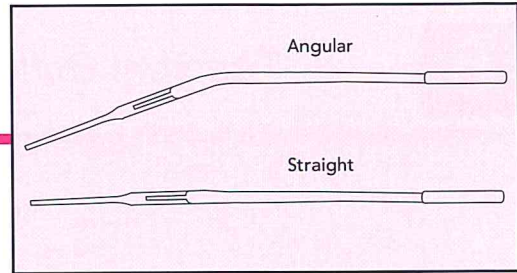
Titanium Bulldog Clamps.



TIP (Scale 1/1)	SHAPE	REFERENCE
	De Bakey straight	13970-01 7,5 cm - 3"
	De Bakey straight	13970-02 8,5 cm - 3.3/8"
	De Bakey straight	13970-03 10 cm - 4"
	De Bakey straight	13970-04 12 cm - 4.3/4"
	De Bakey curved	13970-05 7,5 cm - 3"
	De Bakey curved	13970-06 8,5 cm - 3.3/8"
	De Bakey curved	13970-07 10 cm - 4.1/8"
	De Bakey curved	13970-08 12 cm - 4.3/4"
	De Bakey 90° angled	13970-09 7 cm - 2.3/4"
	De Bakey 45° angled	13970-10 12 cm - 4.3/4"

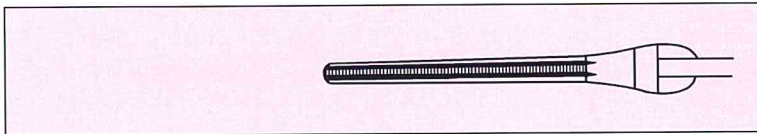
6

Titanium Vascular Clamps.

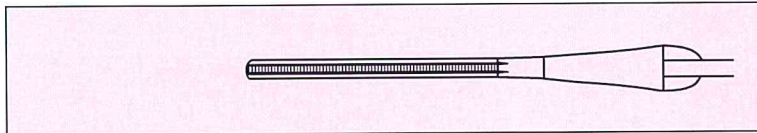


TIP (Scale 1/1)	SHAPE	REFERENCE
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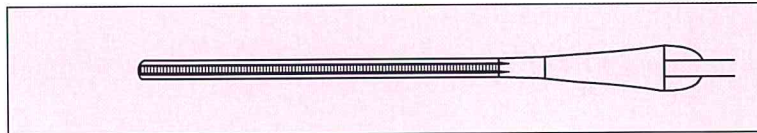
Patent Ductus Coarctation Vascular Clamps



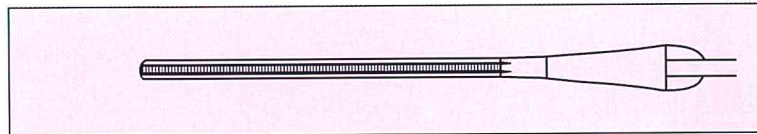
Glover 61950-01
straight - De Bakey jaws 20 cm - 8"



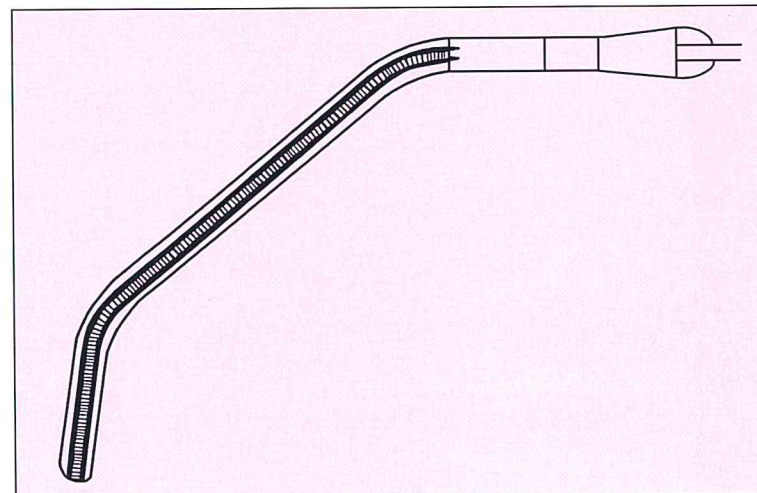
Glover 61950-02
angular - De Bakey jaws 20 cm - 8"



Glover 61950-03
straight - De Bakey jaws 20 cm - 8"



Glover 61950-04
angular - De Bakey jaws 20 cm - 8"

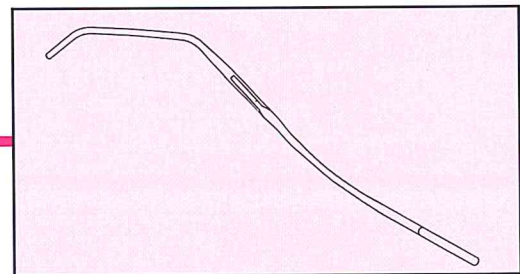


Glover 61950-05
straight - De Bakey jaws 21 cm - 8.1/4"

Glover 61950-06
angular - De Bakey jaws 21 cm - 8.1/4"

Glover 61950-07
straight - De Bakey jaws 22 cm - 8.5/8"

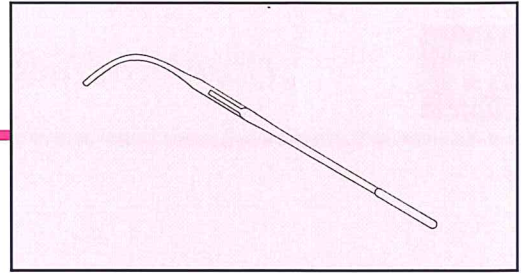
Glover 61950-08
angular - De Bakey jaws 22 cm - 8.5/8"



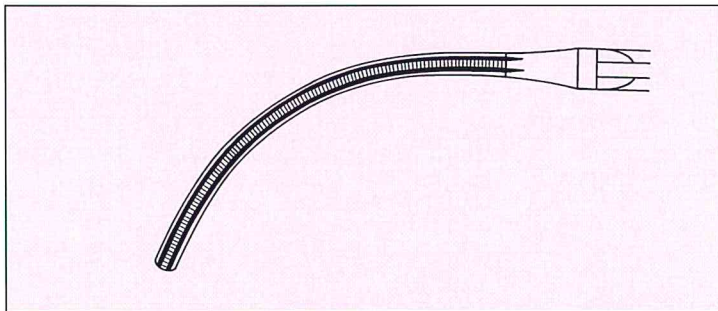
Swan 61952-01
atrial clamp 23 cm - 9"

6

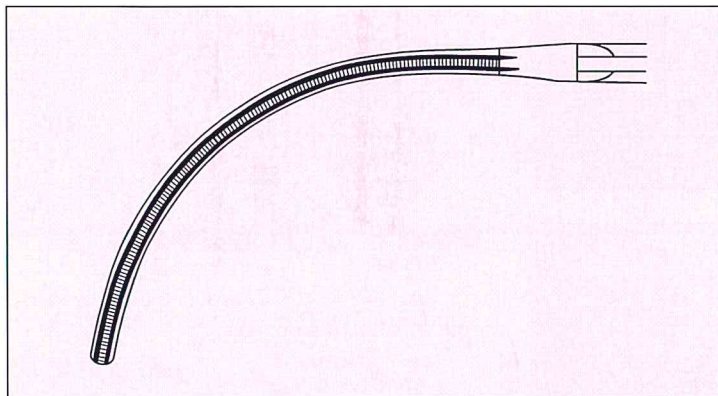
Titanium Vascular Clamps.



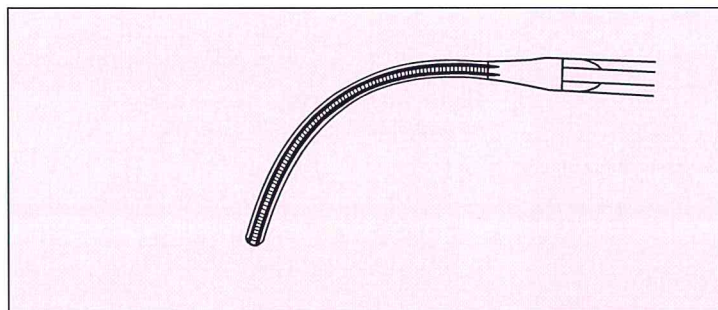
TIP (Scale 1/1)	SHAPE	REFERENCE
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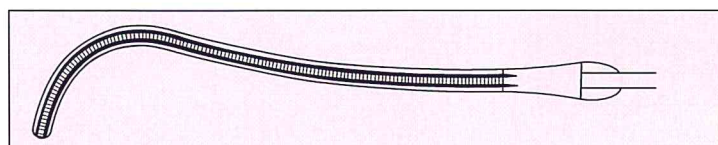
Glover **61953-01**
 curved - De Bakey jaws 21 cm - 8.1/4"



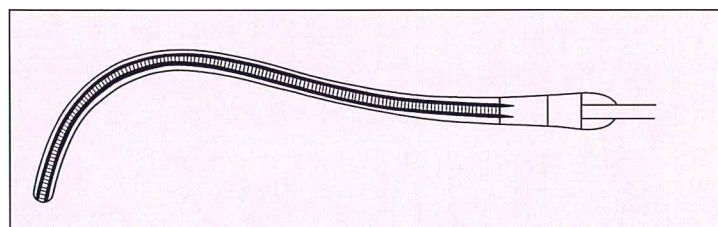
Glover **61953-02**
 curved - De Bakey jaws 24 cm - 9.1/2"



De Bakey **61955-01**
 De Bakey jaws 15 cm - 6"



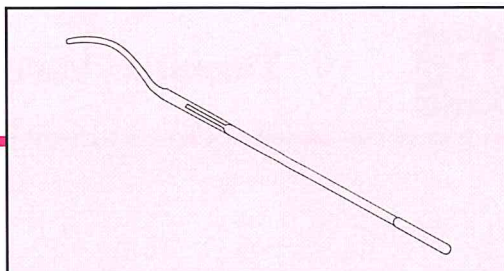
De Bakey **61955-02**
 De Bakey jaws 21 cm - 8.1/4"



De Bakey **61955-03**
 De Bakey jaws 24 cm - 9.1/2"

6

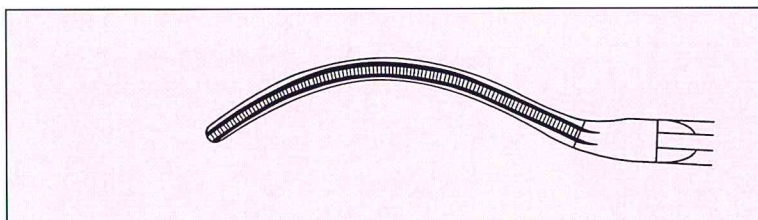
Titanium Vascular Clamps.



TIP (Scale 1/1)

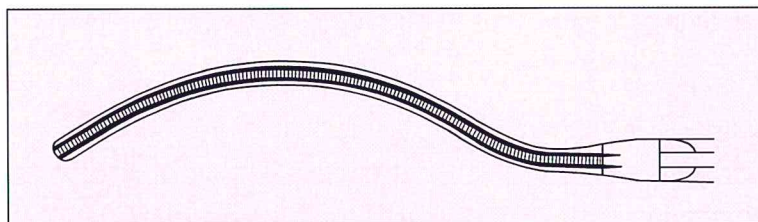
SHAPE

REFERENCE



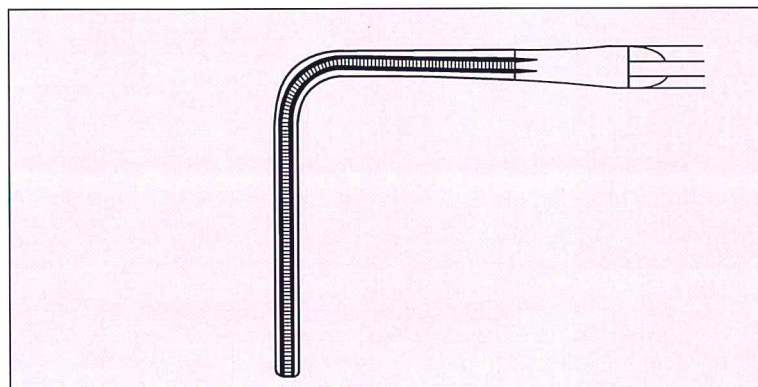
Glover
Spoon shaped

61957-01
21,5 cm - 8.1/2"



Glover
Spoon shaped

61957-02
26 cm - 10.3/8"

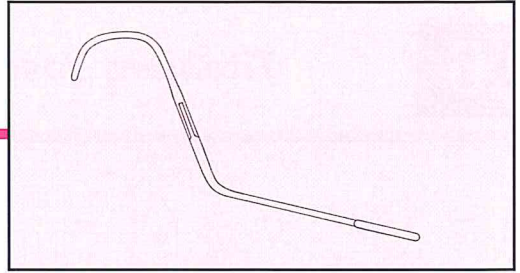


Lees
Bronchus clamp
for vessels and bronchus-De Bakey jaws

61957-03
22 cm - 8.3/4"

6

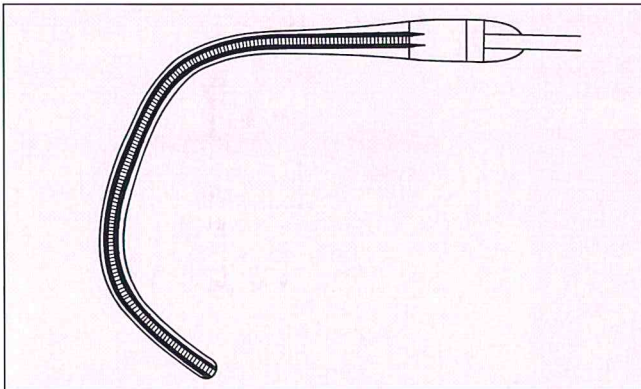
Titanium Vascular Clamps.



TIP (Scale 1/1)

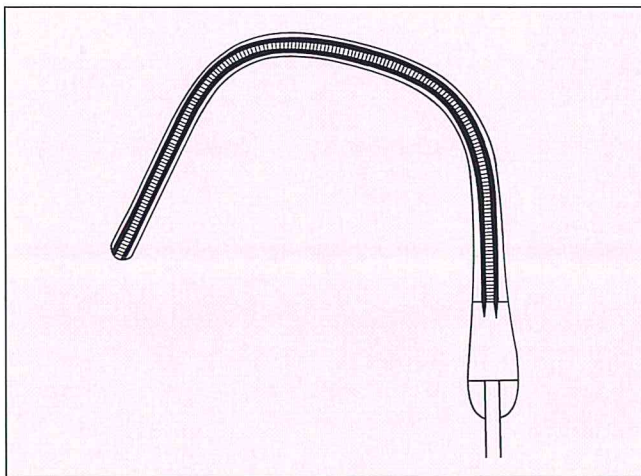
SHAPE

REFERENCE



Lambert-Kay
De Bakey jaws

61958-01
20 cm - 8"

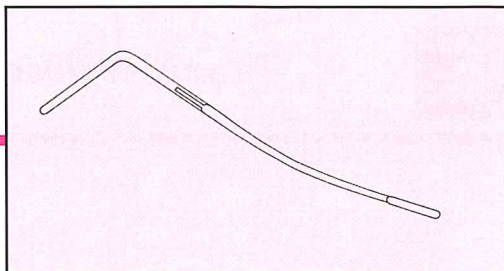


Kay
De Bakey jaws

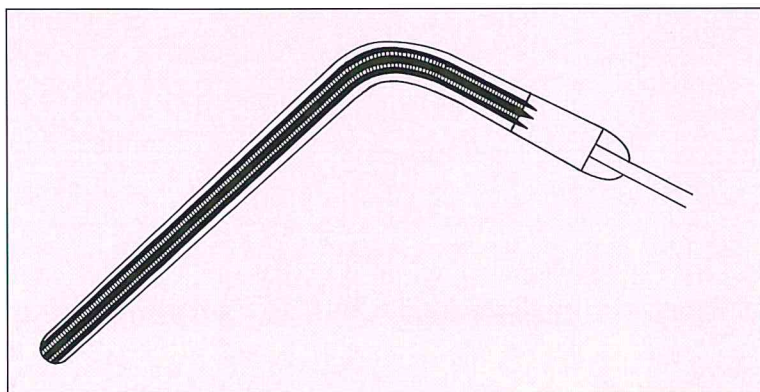
61958-02
20 cm - 8"

6

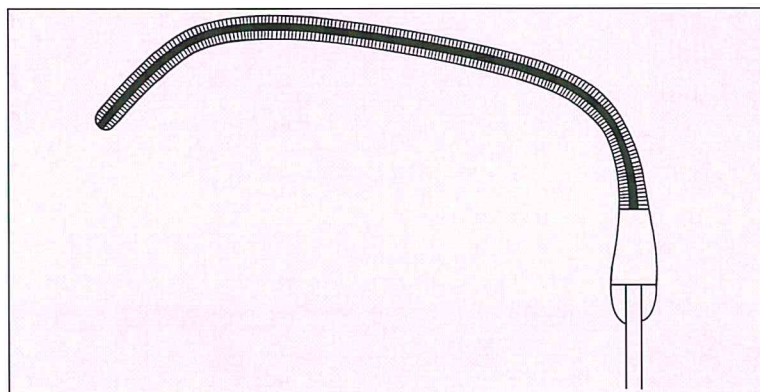
Titanium Vascular Clamps.



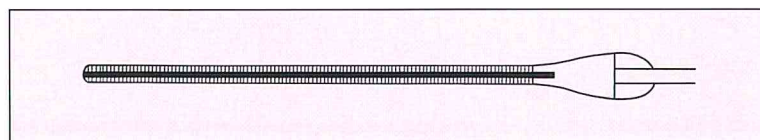
TIP (Echelle 1/1)	SHAPE	REFERENCE
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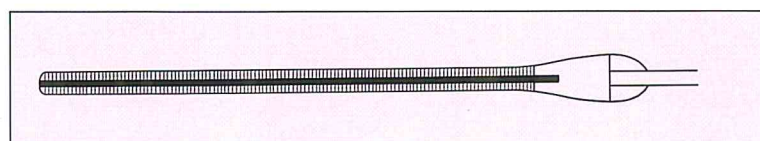
De Bakey
De Bakey jaws
61960-01
26,5 cm - 10.1/2"



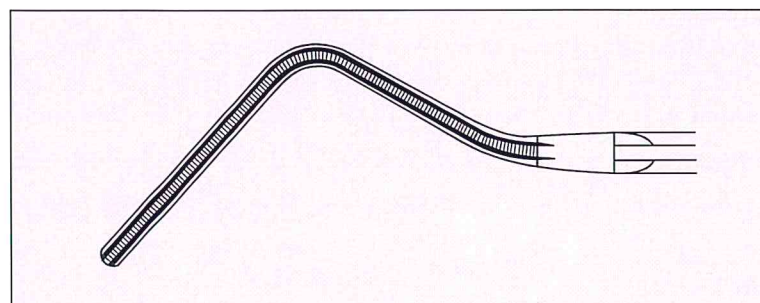
Glover
Cooley jaws
61960-02
26,5 cm - 10.1/2"



Cooley
Cooley jaws
for iliac artery
61960-03
21,5 cm - 8.1/2"



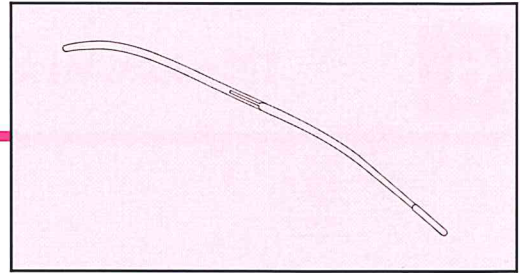
Cooley
Cooley jaws
for iliac artery
61960-04
26 cm - 10.3/8"



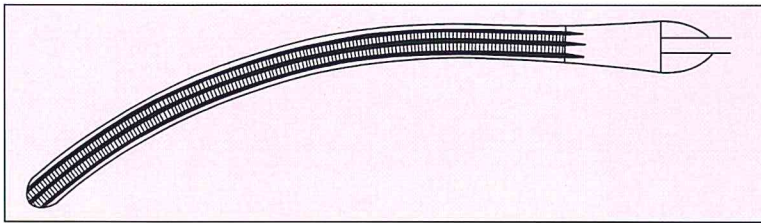
Lees
Bronchus clamp
61960-05
23 cm - 9.1/4"

6

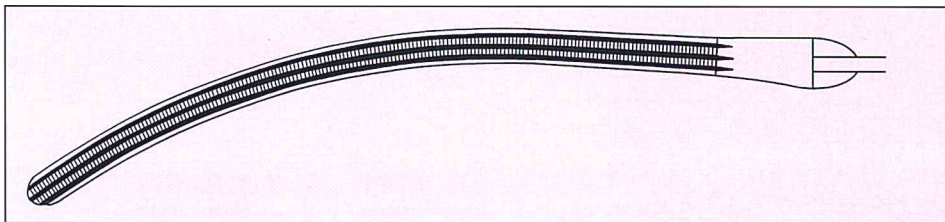
Titanium Vascular Clamps.



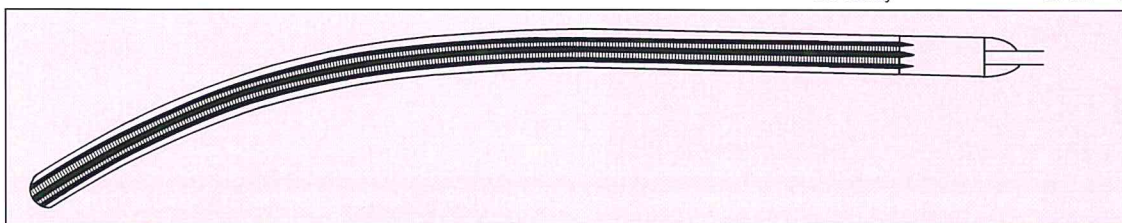
TIP (Scale 1/1)	SHAPE	REFERENCE
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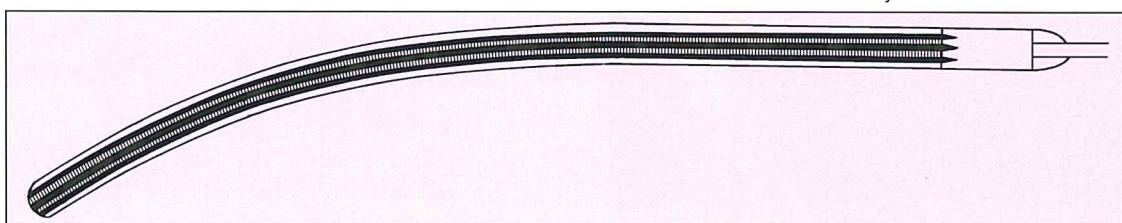
De Bakey **61962-01**
De Bakey 28 cm - 11"



De Bakey **61962-02**
De Bakey 30 cm - 12"



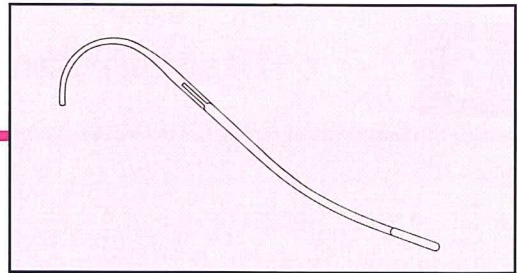
De Bakey **61962-03**
De Bakey 32 cm - 12.5/8"



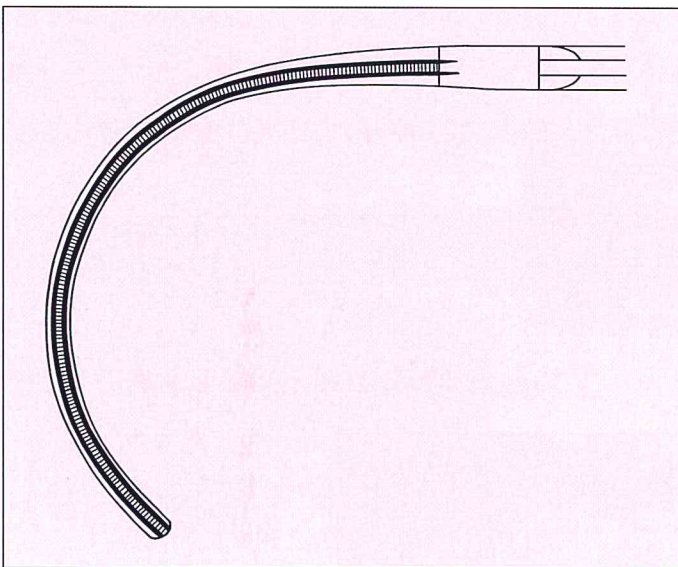
De Bakey **61962-04**
De Bakey 34 cm - 13.1/2"

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Titanium Vascular Clamps.

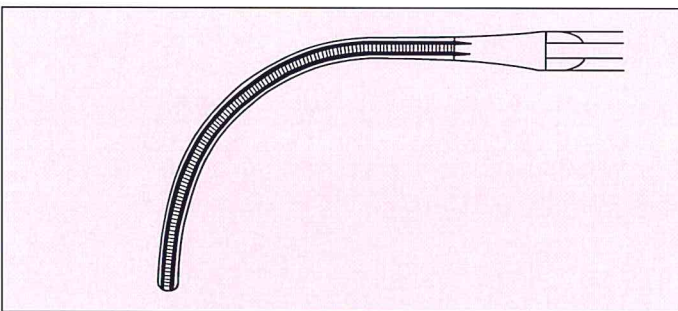


TIP (Scale 1/1)	SHAPE	REFERENCE
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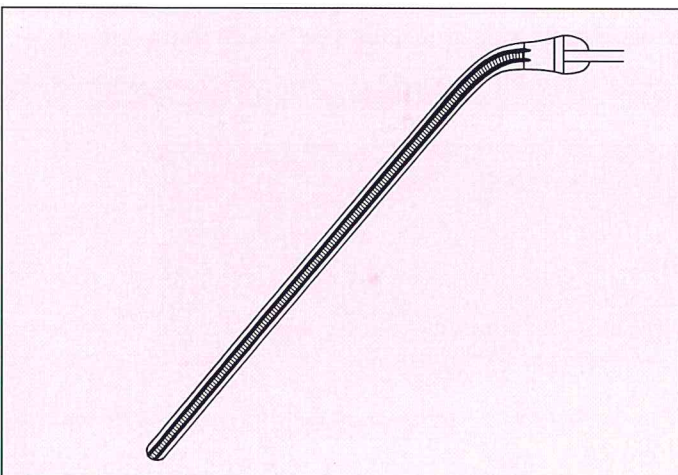
De Bakey
De Bakey jaws

61963-01
26,5 cm - 10.1/2"



De Bakey
De Bakey jaws

61963-02
26 cm - 10.3/8"

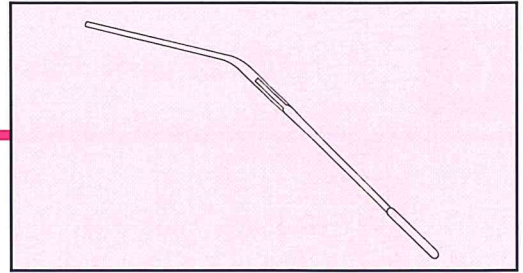


De Bakey
De Bakey jaws

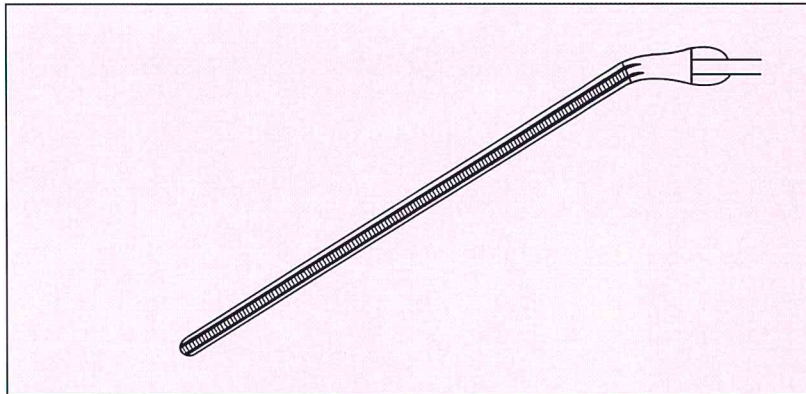
61963-03
18 cm - 7.1/8"

6

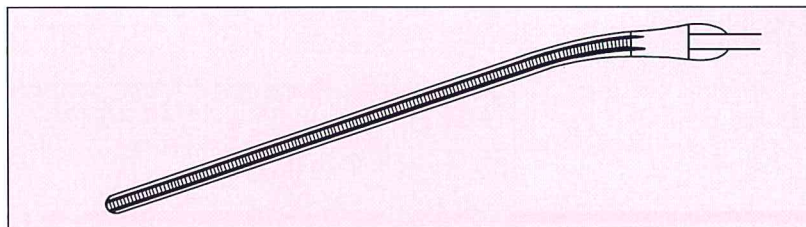
Titanium Vascular Clamps.



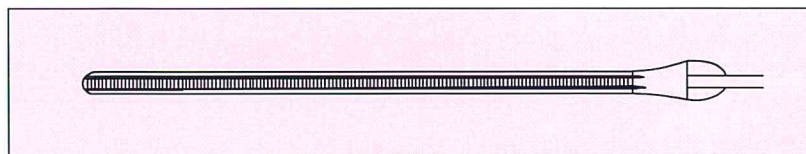
TIP (Scale 1/1)	SHAPE	REFERENCE
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Leland-Jones 61964-01
De Bakey jaws 19 cm - 7.1/2"



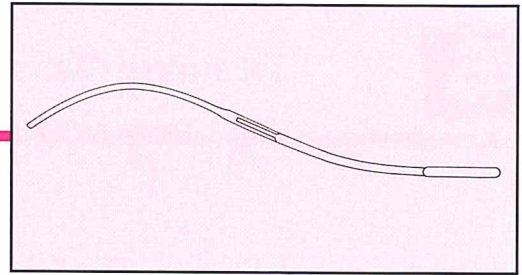
Leland-Jones 61964-02
De Bakey jaws 20 cm - 8"



Leland-Jones 61964-03
De Bakey jaws 21 cm - 8.1/4"

6

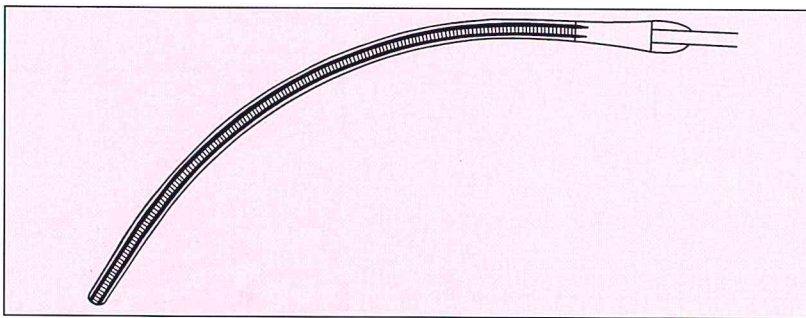
Titanium Vascular Clamps.



TIP (Scale 1/1)

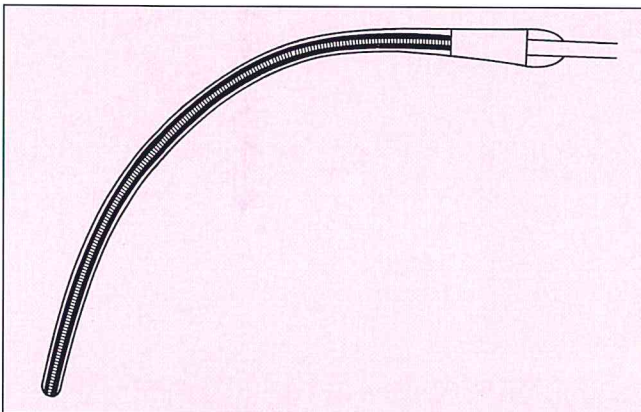
SHAPE

REFERENCE



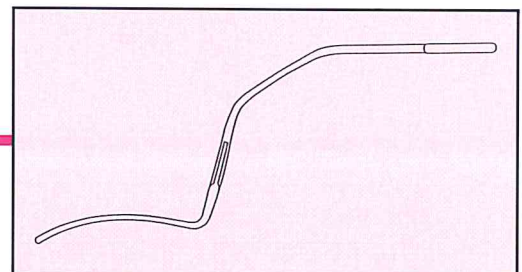
De Bakey
De Bakey jaws

61965-01
20 cm - 8"



De Bakey
De Bakey jaws

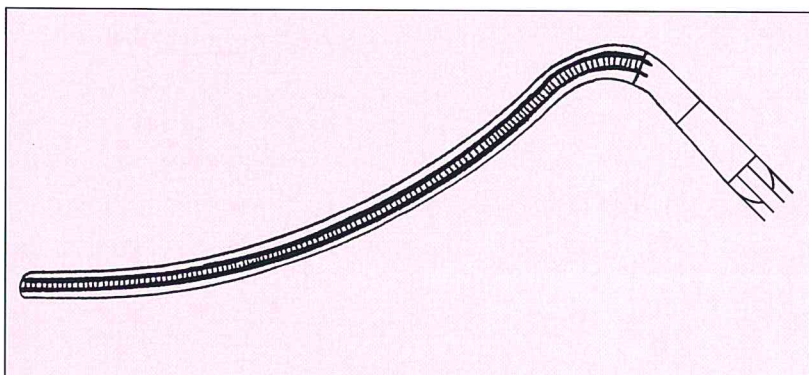
61965-02
18,5 cm - 7.3/8"



Hufnagel

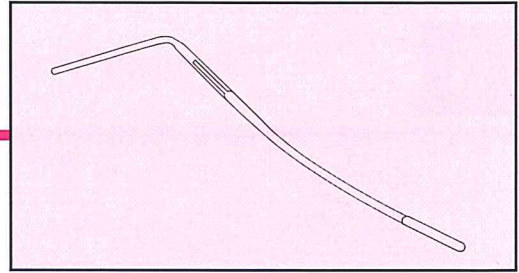
61966-01

De Bakey jaws (Lg : 8 cm) 23 cm - 9"



6

Titanium Vascular Clamps.



TIP (Scale 1/1)	SHAPE	REFERENCE
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	<p>De Bakey 60° angled</p> <p>61967-01 30,5 cm - 12"</p>
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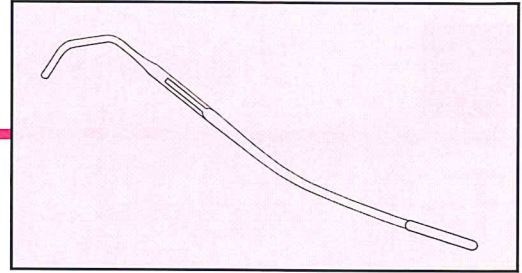
	<p>De Bakey 60° angled</p> <p>61967-02 25 cm - 10"</p>
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	<p>De Bakey 60° angled</p> <p>61967-03 23,5 cm - 9.1/4"</p>
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	<p>De Bakey 60° angled</p> <p>61967-04 21 cm - 8.1/4"</p>
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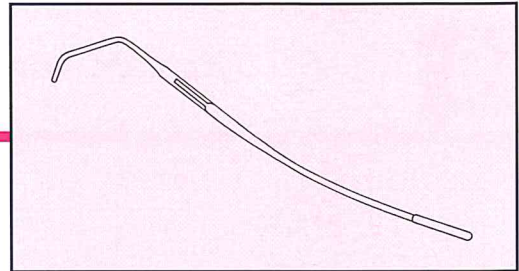
Titanium Vascular Clamps.



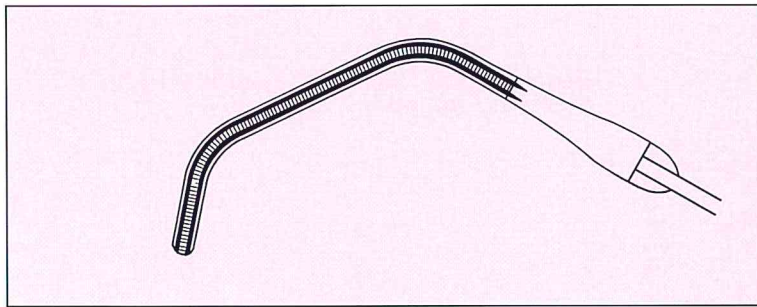
TIP (Scale 1/1)	SHAPE	REFERENCE
	<p>De Bakey occlusion clamp</p>	<p>61977-01 27 cm - 10.3/4"</p>
	<p>De Bakey occlusion clamp</p>	<p>61977-02 25 cm - 10"</p>
	<p>De Bakey occlusion clamp</p>	<p>61977-03 25 cm - 10"</p>
	<p>De Bakey occlusion clamp</p>	<p>61977-04 25 cm - 10"</p>
	<p>De Bakey occlusion clamp</p>	<p>61977-05 19 cm - 7.3/4"</p>

6

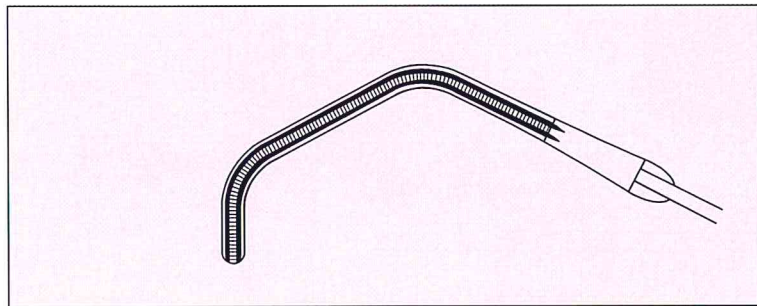
Titanium Vascular Clamps.



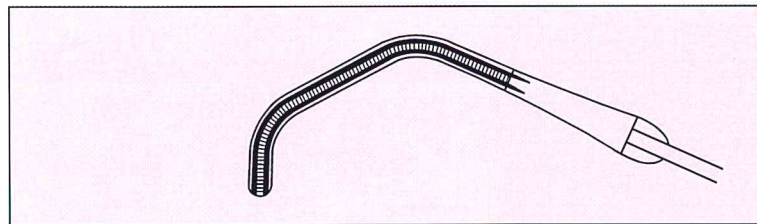
TIP (Scale 1/1)	SHAPE	REFERENCE
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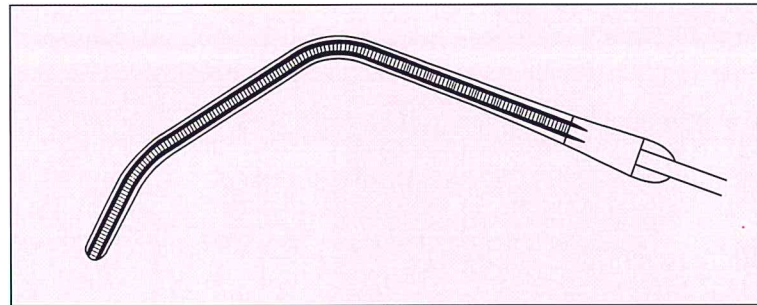
Satinsky **61978-01**
for vena cava 25 cm - 10"



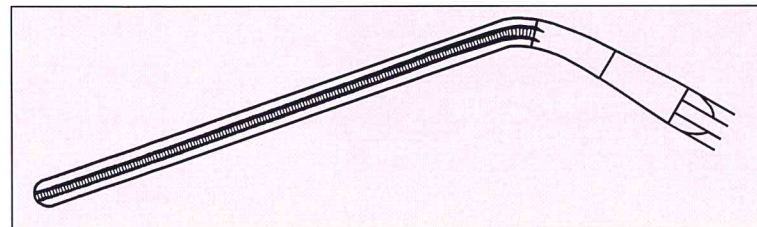
Satinsky **61978-02**
for vena cava 25 cm - 10"



Satinsky **61978-03**
for vena cava 25 cm - 10"



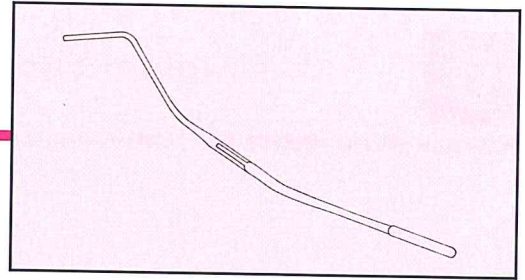
Glover **61978-04**
for auricular appendage 25 cm - 10"



De Bakey **61978-05**
De Bakey jaws (Lg : 6,5 cm) 26 cm - 10.1/2"

6

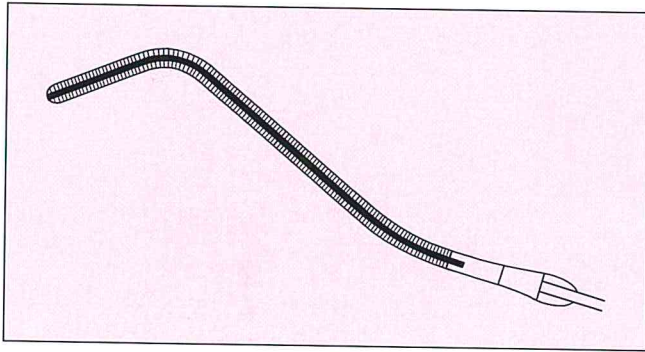
Titanium Vascular Clamps.



TIP (Scale 1/1)

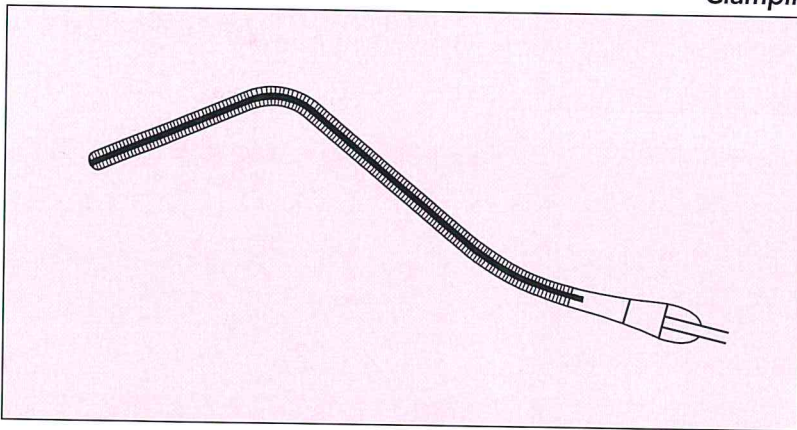
SHAPE

REFERENCE



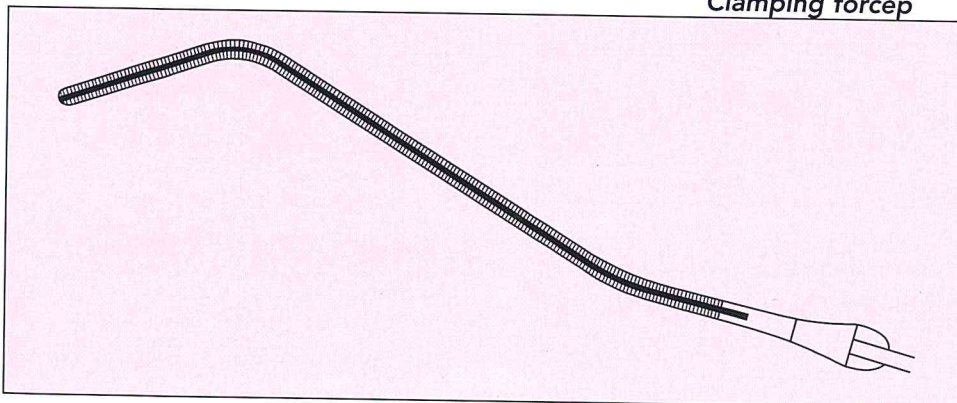
Renal Artery
Clamping forcep

61979-01
19 cm - 7.1/2"



Renal Artery
Clamping forcep

61979-02
20 cm - 8"

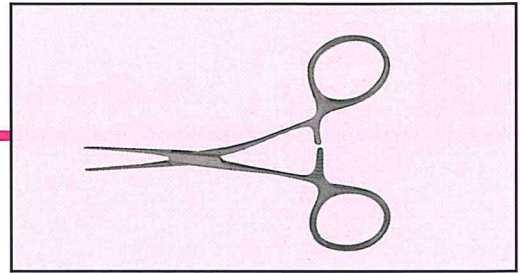


Renal Artery
Clamping forcep

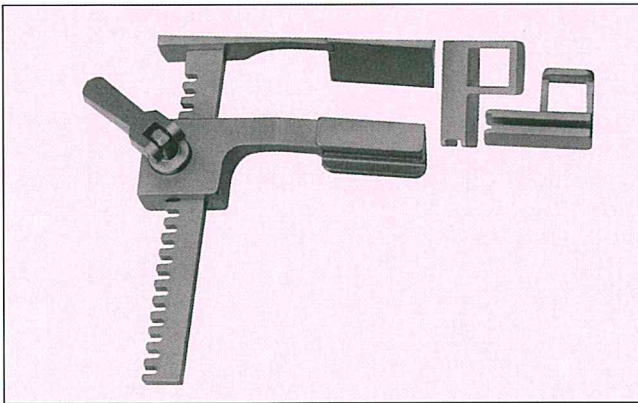
61979-03
27 cm - 10.3/4"

7

Titanium Pediatric Instruments.

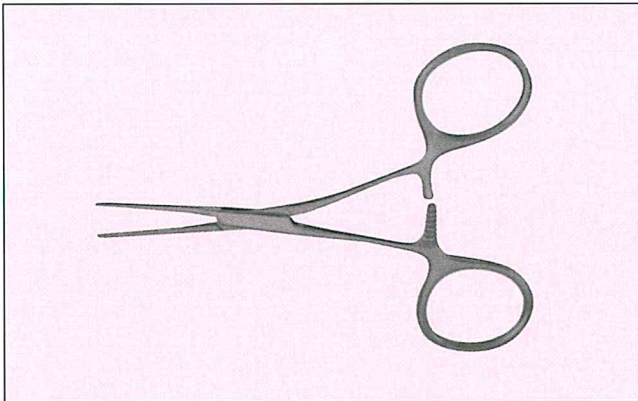


TIP (Scale 1/1)	SHAPE	REFERENCE
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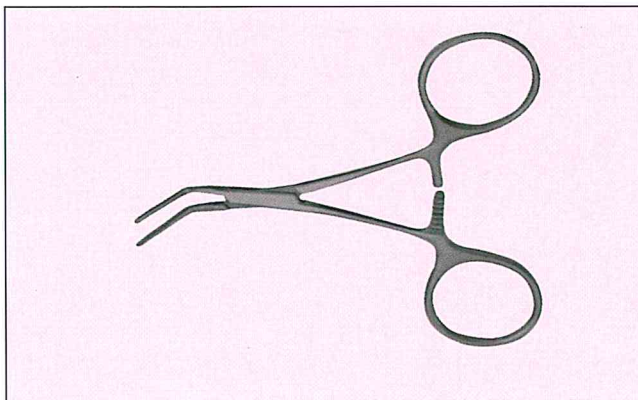
Sternal spreader
2 pairs of blades (52 mm)

19955-00



De Bakey
straight jaws

61980-01
10,5 cm - 4"

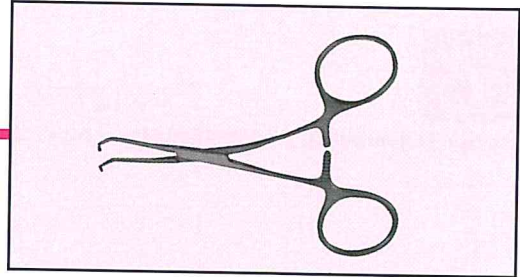


De Bakey
jaws 60° angled (105 mm)

61980-02
10,5 cm - 4"

7

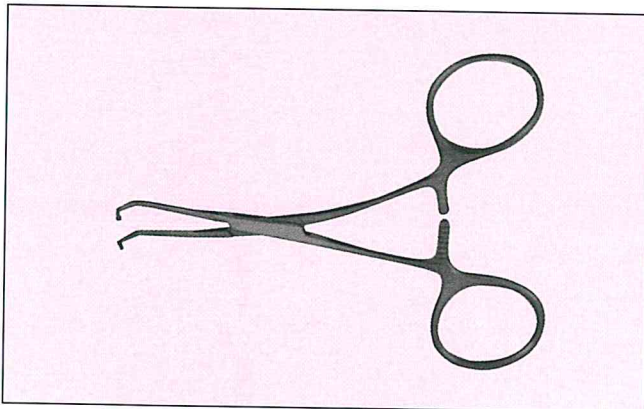
Titanium Pediatric Instruments.



TIP (Scale 1/1)

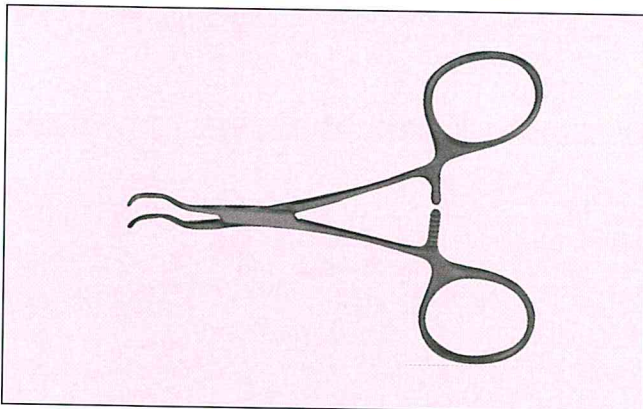
SHAPE

REFERENCE



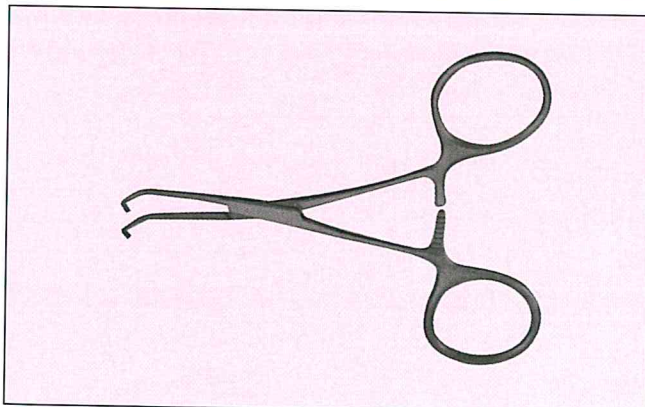
De Bakey
clamp for anastomosis

61980-03
6x10,5 cm - 4"



De Bakey
clamp for anastomosis

61980-04
6x10,5 cm - 4"

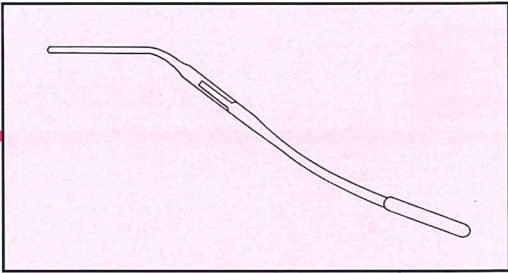


De Bakey
clamp for anastomosis

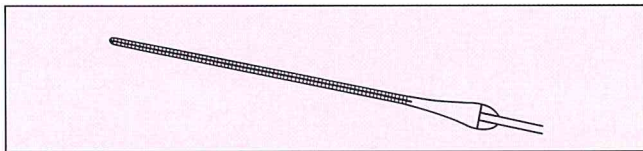
61980-05
9x10,5 cm - 4"

7

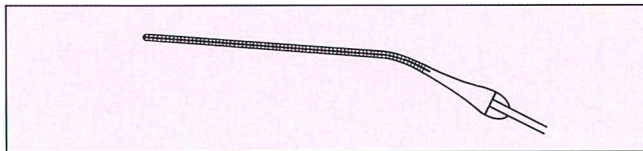
**Titanium
Pediatric Instruments.**



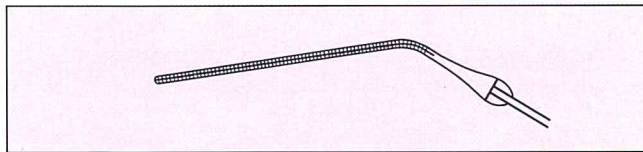
TIP (Scale 1/1)	SHAPE	REFERENCE
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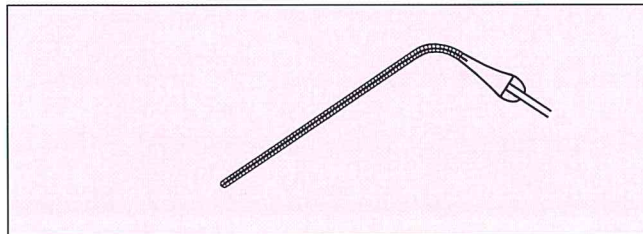
Castaneda **61981-01**
clamping forceps (10 grams) : straight 13 cm - 5.1/4"



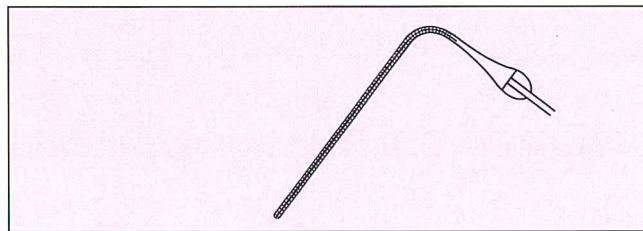
Castaneda **61981-02**
clamping forceps (10 grams) : 30° 13 cm - 5.1/4"



Castaneda **61981-03**
clamping forceps (10 grams) : 50° 13 cm - 5.1/4"



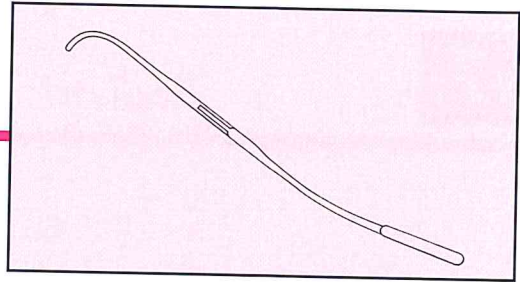
Castaneda **61981-04**
clamping forceps (10 grams) : 70° 12 cm - 4.3/4"



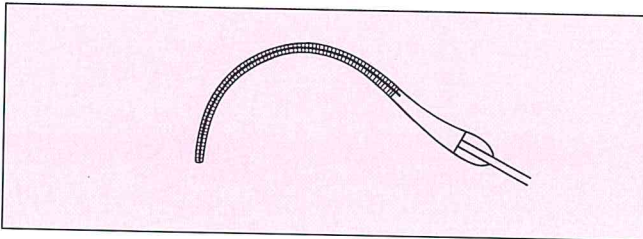
Castaneda **61981-05**
clamping forceps (10 grams) : 90° 11 cm - 4.1/4"

7

**Titanium
Pediatric Instruments.**

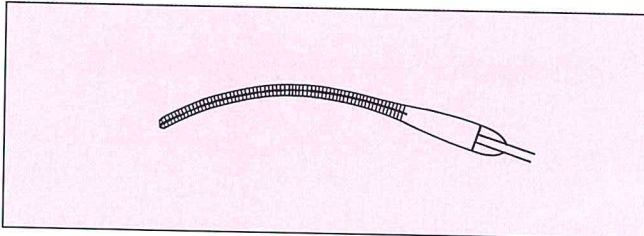


TIP (Scale 1/1)	SHAPE	REFERENCE
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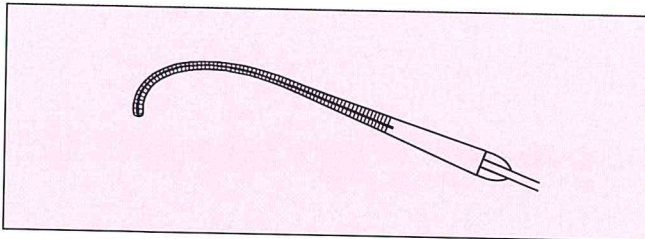
Castaneda
clamping forceps (10 grams)

61982-01
12 cm - 4.3/4"



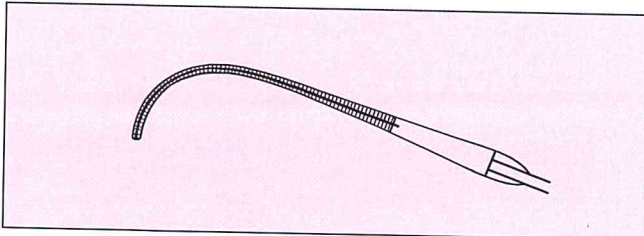
Castaneda
clamping forceps (10 grams)

61982-02
13 cm - 5.1/4"



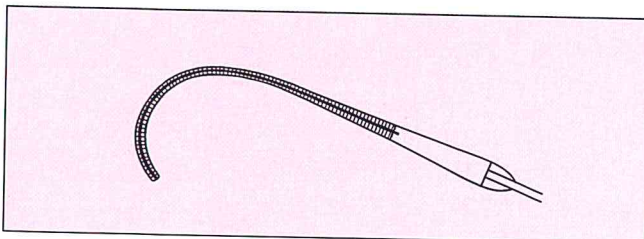
Castaneda
clamping forceps (10 grams)

61982-03
15 cm - 6"



Castaneda
clamping forceps (15 grams)

61982-04
15 cm - 6"

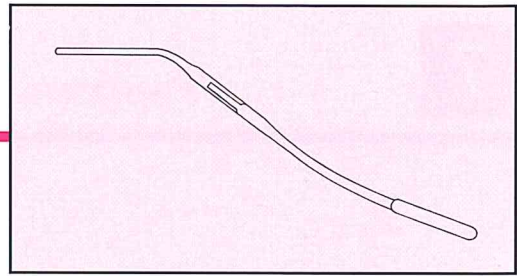


Castaneda
clamping forceps (15 grams)

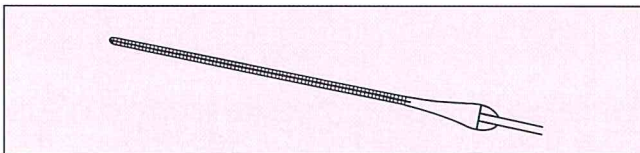
61982-05
15 cm - 6"

7

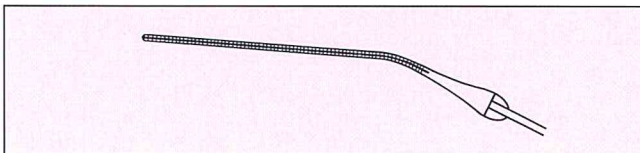
**Titanium
Pediatric Instruments.**



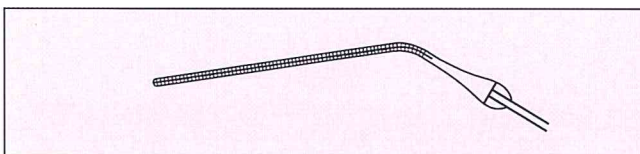
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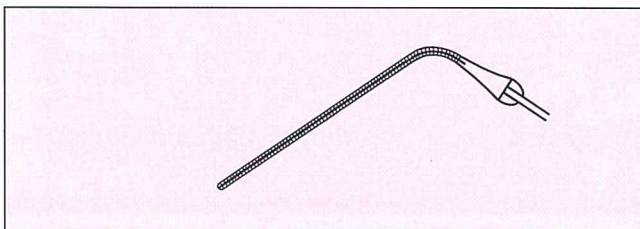
Castaneda **61983-01**
clamping forceps (15 grams) : straight 16 cm - 6.1/4"



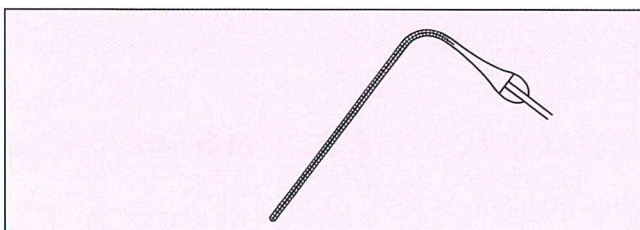
Castaneda **61983-02**
clamping forceps (15 grams) : 30° 16 cm - 6.1/4"



Castaneda **61983-03**
clamping forceps (15 grams) : 50° 15 cm - 6"



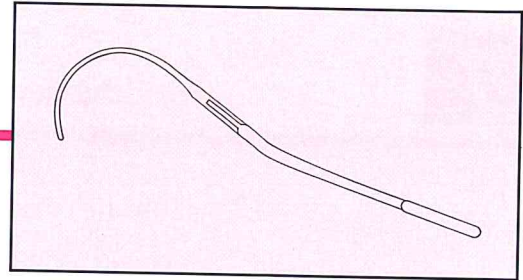
Castaneda **61983-04**
clamping forceps (15 grams) : 70° 15 cm - 6"



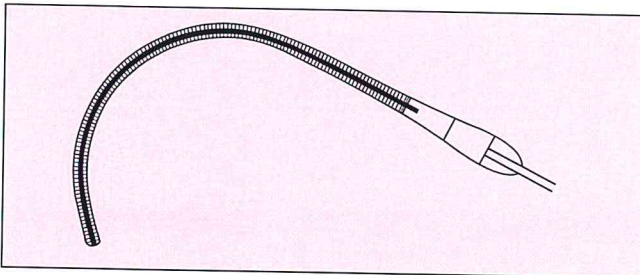
Castaneda **61983-05**
clamping forceps (15 grams) : 90° 14 cm - 5.3/4"

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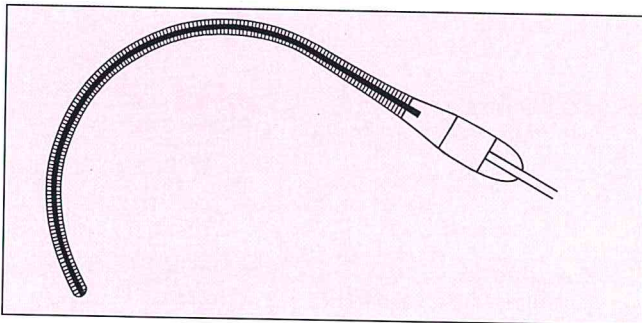
**Titanium
Pediatric Instruments.**



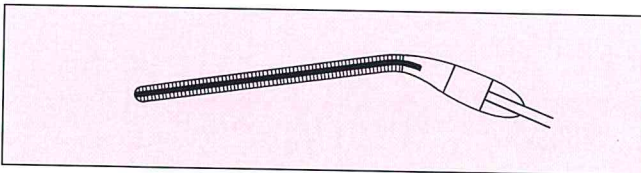
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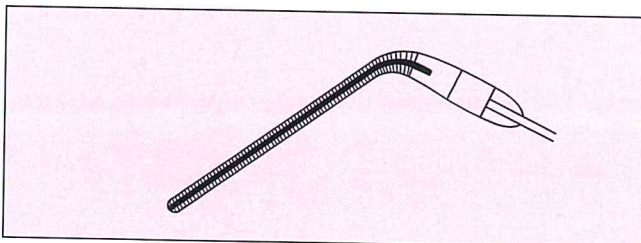
Cooley
clamping forceps - medium jaws **61984-01**
16,5 cm - 6.1/2"



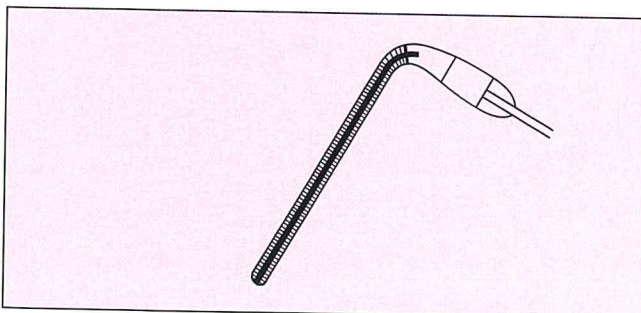
Cooley
clamping forceps - large jaws **61984-02**
17 cm - 6.3/4"



Cooley
clamping forceps - angle : 30° **61984-03**
17 cm - 6.3/4"



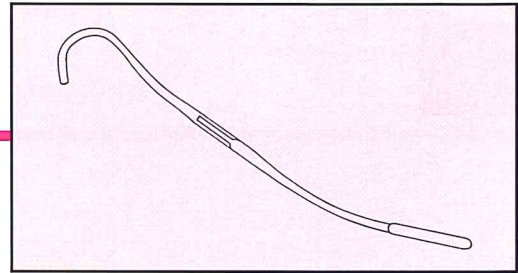
Cooley
clamping forceps - angle : 60° **61984-04**
16 cm - 6.3/8"



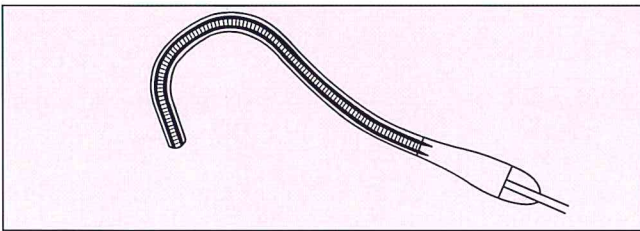
Cooley
clamping forceps - angle : 90° **61984-05**
15 cm - 6"

7

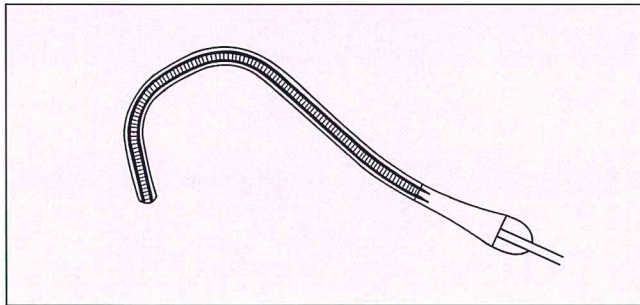
**Titanium
Pediatric Instruments.**



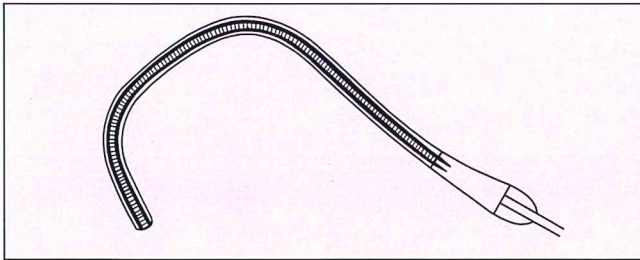
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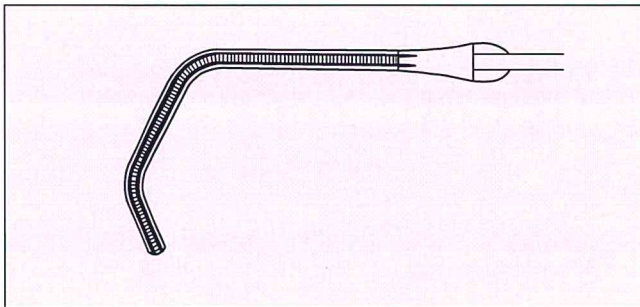
Derra **61985-01**
clamping forceps for anastomosis 16,5 cm - 6.1/2"



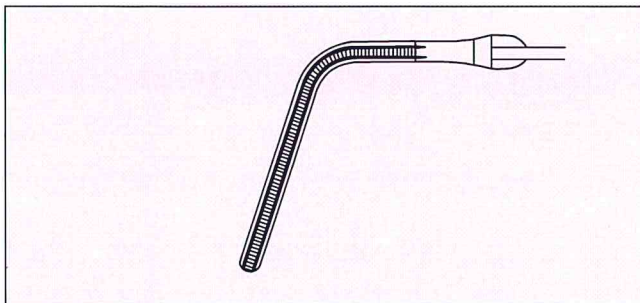
Derra **61985-02**
clamping forceps for anastomosis 17 cm - 6.3/4"



Derra **61985-03**
clamping forceps for anastomosis 18 cm - 7.1/8"



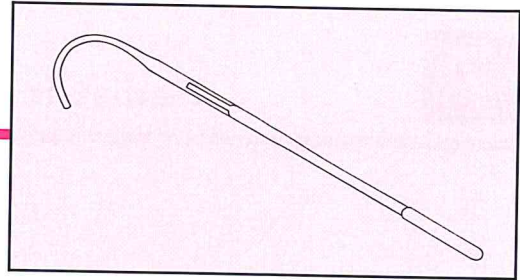
Beck **61985-04**
aorta clamping forceps (straight shafts) 16,5 cm - 6.1/2"



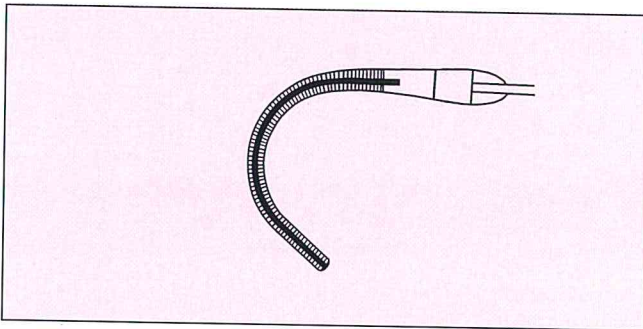
Subramanian **61985-05**
aorta clamping forceps 16 cm - 6.1/4"

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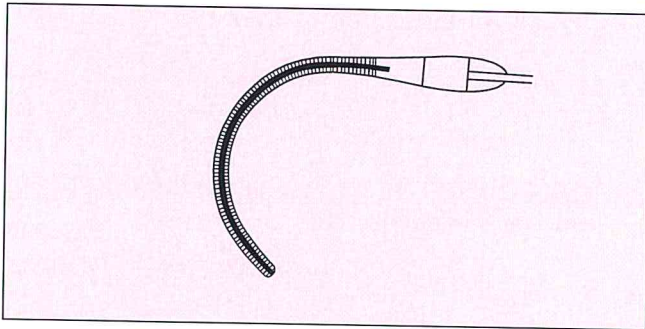
**Titanium
Pediatric Instruments.**



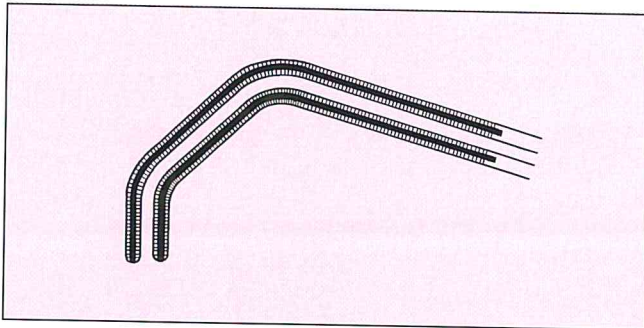
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Beck
small jaws **61986-01**
15 cm - 6"

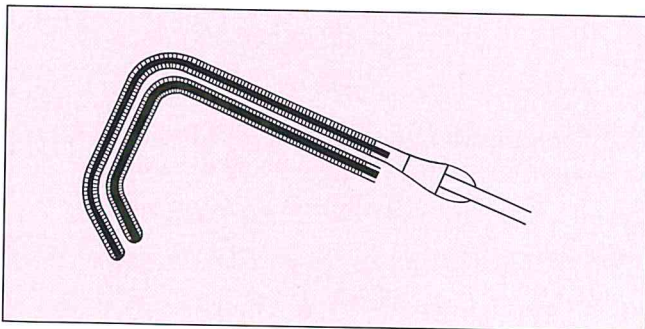


Beck
large jaws **61986-02**
15 cm - 6"



Cooley
60° angled small jaws **61986-03**
17 cm - 6.3/4"

Cooley
60° angled small jaws **61986-04**
18 cm - 7.1/8"

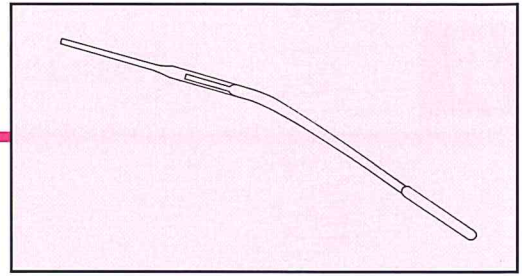


Cooley
90° angled small jaws **61986-05**
17 cm - 6.3/4"

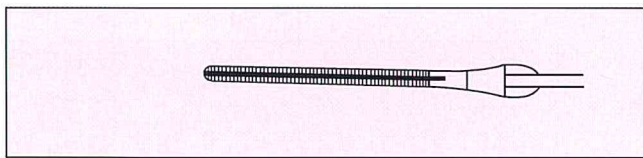
Cooley
90° angled small jaws **61986-06**
17,5 cm - 7"

7

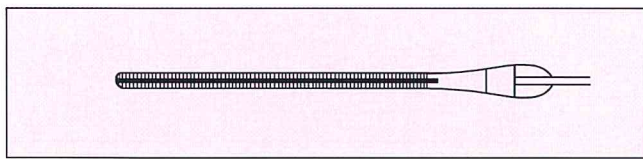
**Titanium
Pediatric Instruments.**



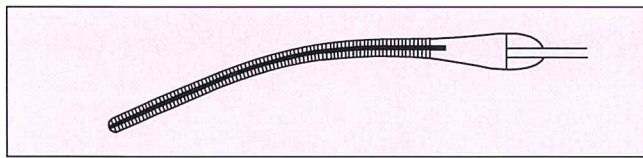
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Cooley
straight shafts - straight jaws
61987-01
16 cm - 6.1/4"

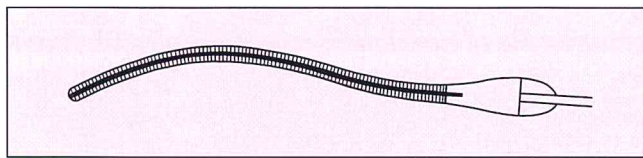


Cooley
angular shafts - straight jaws
61987-02
16 cm - 6.1/4"



Cooley
straight jaws (for coarctation)
61987-03
17 cm - 6.3/4"

Cooley
angled shanks (for coarctation)
61987-04
17 cm - 6.3/4"

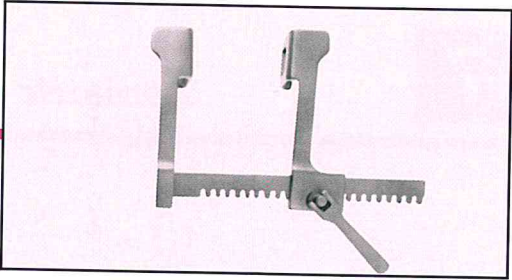


Cooley
curved jaws (for coarctation)
61987-05
17 cm - 6.3/4"

Cooley
spoon-shaped jaws (for coarctation)
61987-06
17 cm - 6.3/4"

8

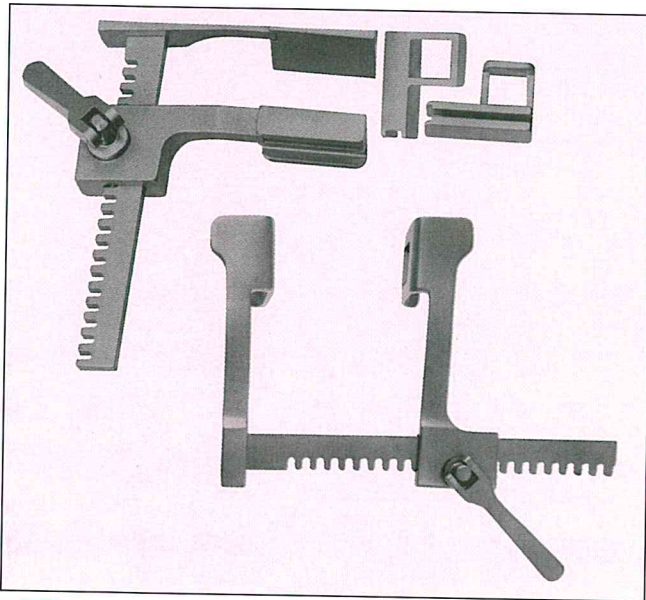
Titanium Retractors.



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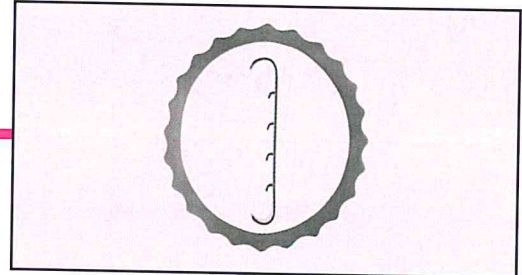


Sternal spreader
2 pairs of blades (52 mm)

19955-00

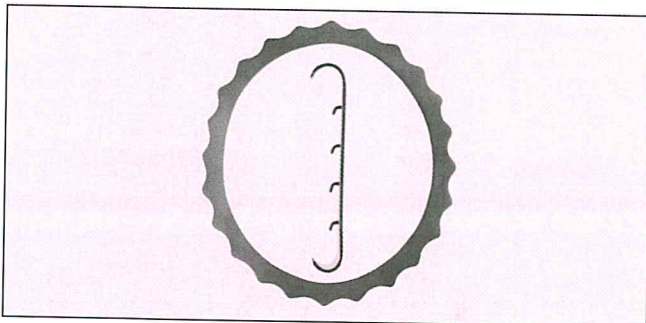
Finochietto
2 pairs of blades (52 mm)

19957-00



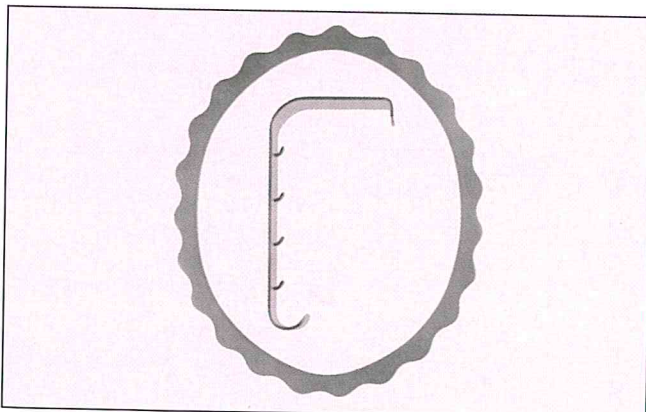
Denis Browne
4 blades

19960-00
15 cm - 6"



Denis Browne
4 blades

19961-00
20 cm - 8"

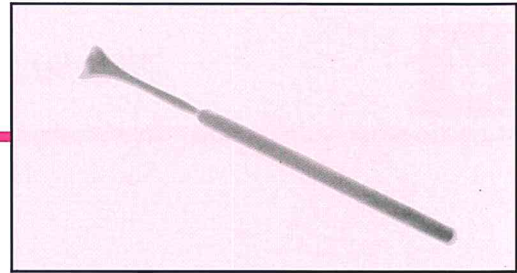


Denis Browne
2 x 2 blades

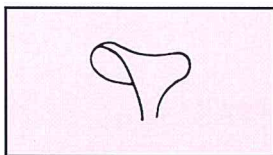
19962-00
25 cm - 10"

8

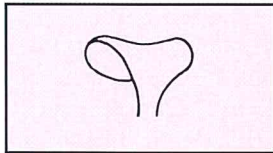
Titanium Retractors.



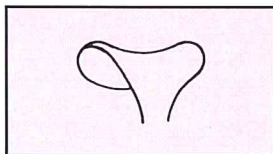
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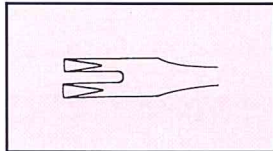
Desmarres
12 mm **19970-01**
14 cm - 5.1/2"



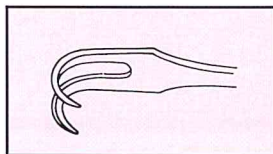
Desmarres
14 mm **19970-02**
14 cm - 5.1/2"



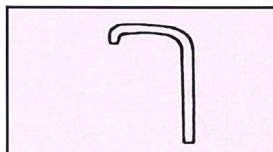
Desmarres
16 mm **19970-03**
14 cm - 5.1/2"



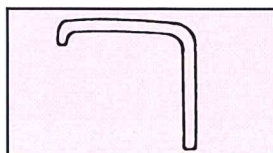
Delicate Retractor **19971-01**
16 cm - 6.1/4"



Joseph **19972-01**
16,5 cm - 6.1/2"



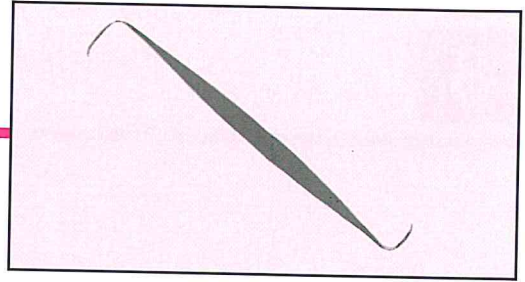
Strandell **19973-01**
18,5 cm - 7.3/8"



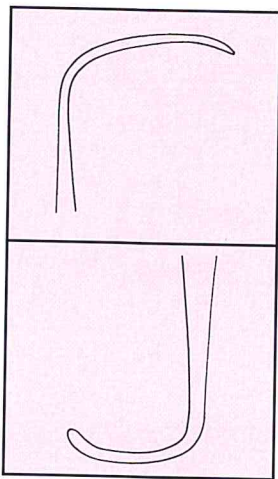
Strandell **19973-02**
18,5 cm - 7.3/8"

8

Titanium Retractors.

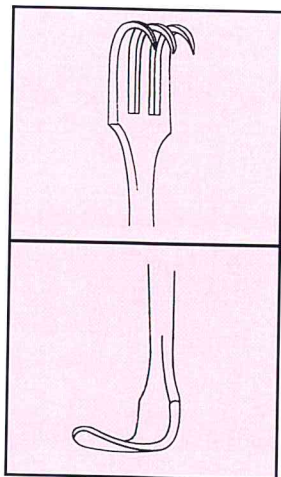


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Ragnell

19975-01
14,5 cm - 5.3/4"



Senn

19976-01
15 cm - 6"

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