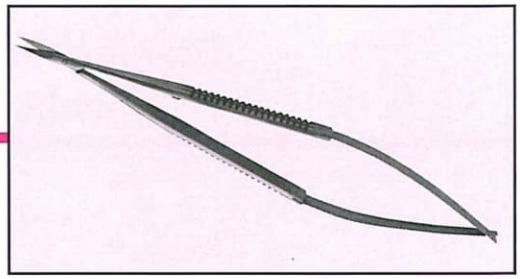
Redamed

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

Maltepe Mah.Eski Çırpıcıyolu Sk.
Merter İş Merkezi D Blok 2/21
034234- Zeytinburnu, İstanbul
+90 532 576 7332
+90 212 482 71 52
info@redamed.com

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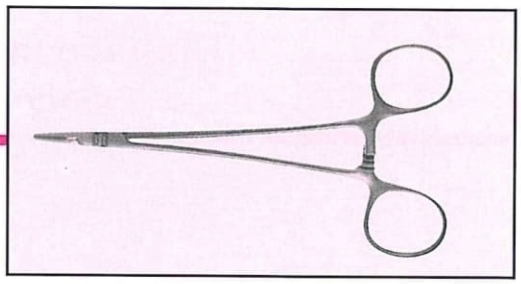

REDA

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:

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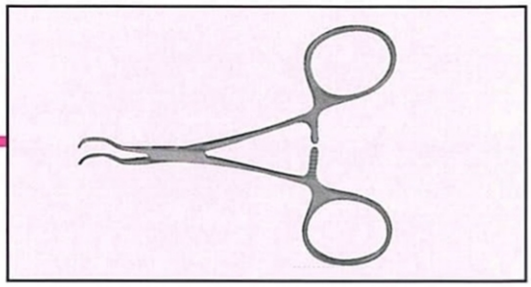
Titanium instruments...
only advantages!



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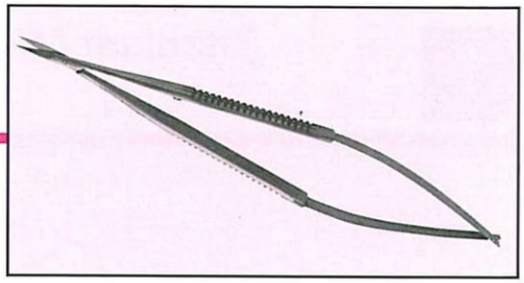
All instrument tips shown in this catalogue are on a scale of 1/1

1 Titanium Micro Scissors. Flat Handle.



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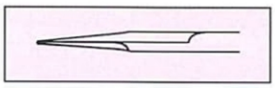
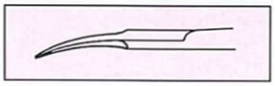
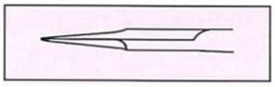
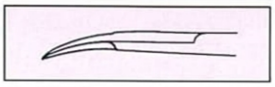
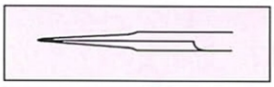
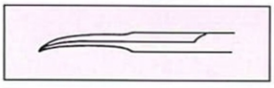
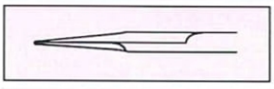
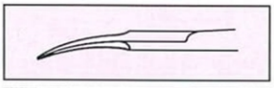
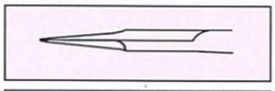
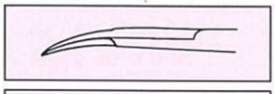
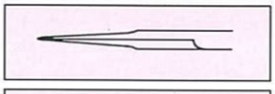
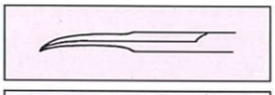
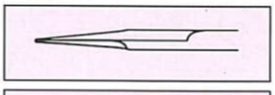
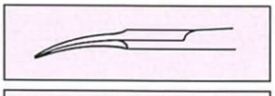
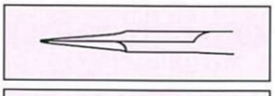
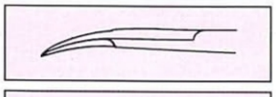
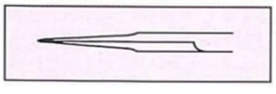
	straight	16 cm - 6.1/4"	**10950-01**
	curved	16 cm - 6.1/4"	**10950-02**
	straight serrated	16 cm - 6.1/4"	**10950-03**
	curved serrated	16 cm - 6.1/4"	**10950-04**
	straight delicate	16 cm - 6.1/4"	**10950-05**
	curved delicate	16 cm - 6.1/4"	**10950-06**
	straight	18 cm - 7.1/8"	**10950-07**
	curved	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**

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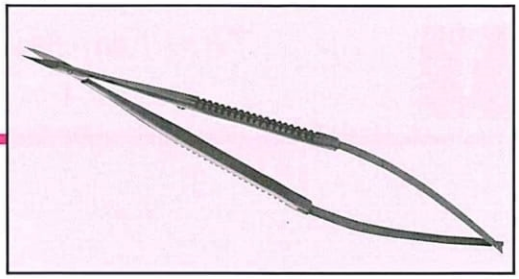
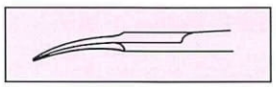
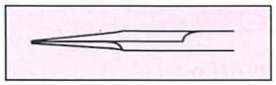
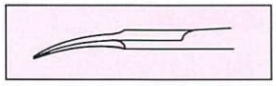
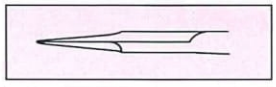
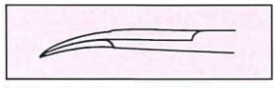
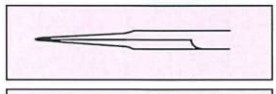
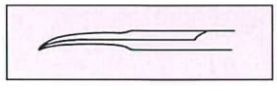
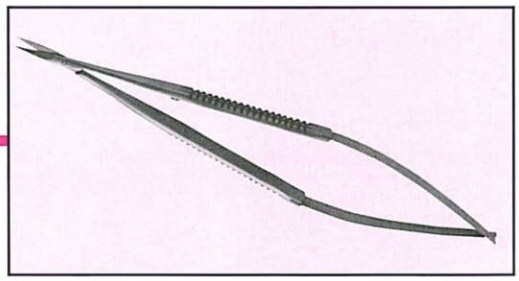
1

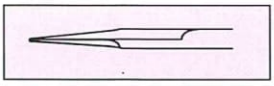
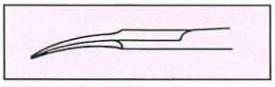
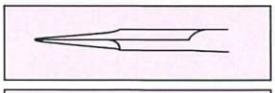
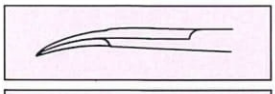
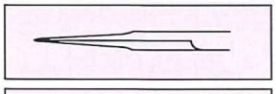
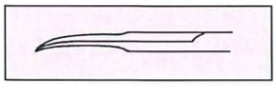
Titanium Micro Scissors. Flat Handle.



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**

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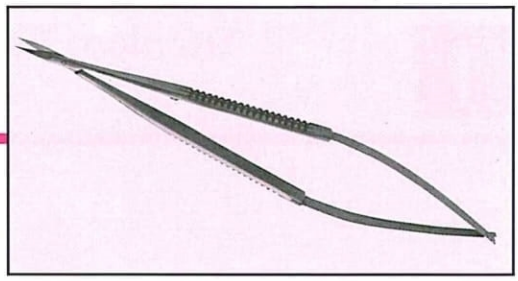
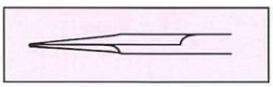
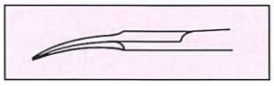
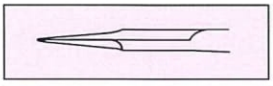
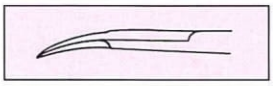
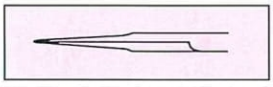
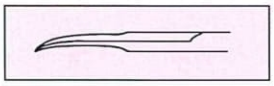
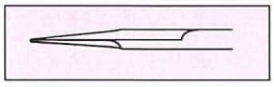
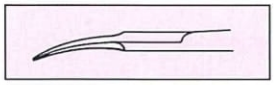
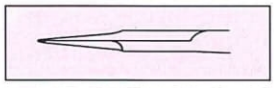
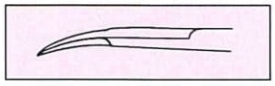
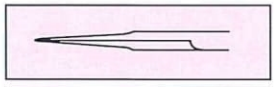
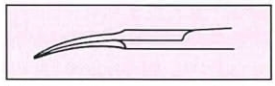
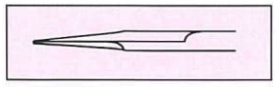
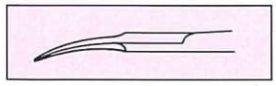
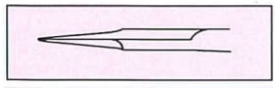
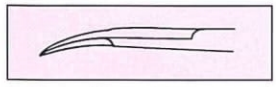
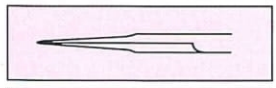
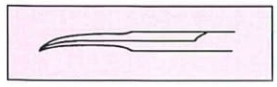
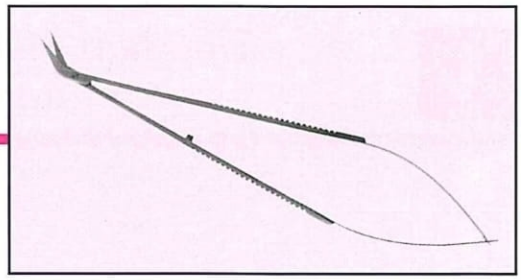
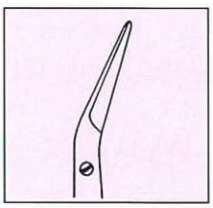
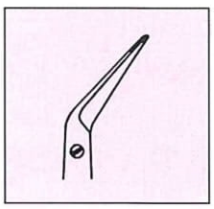
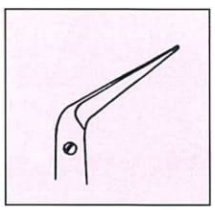
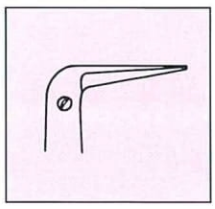
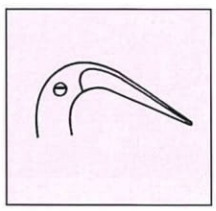
1 Titanium Micro Scissors. Round Handle.



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.

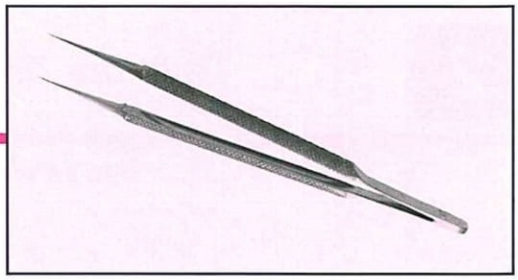


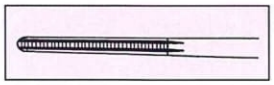
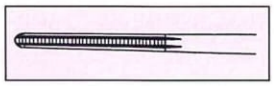
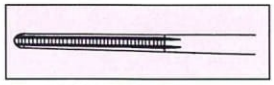
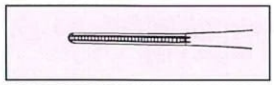
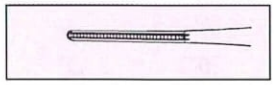
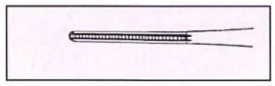
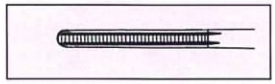
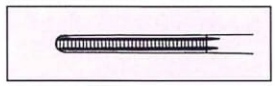
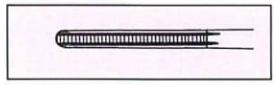
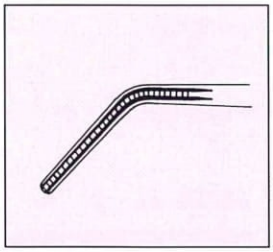
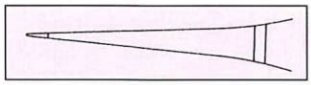
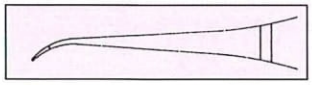
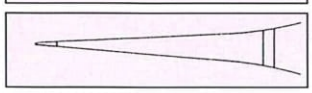
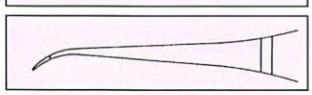
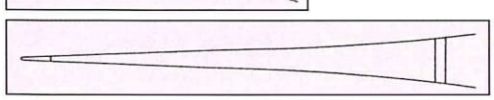
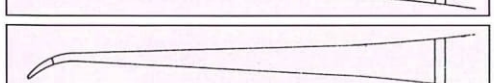
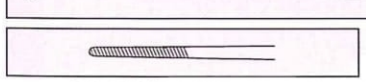
TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
	angulated 25°	18,5 cm - 7.1/4"	**10970-01**
	angulated 45°	18,5 cm - 7.1/4"	**10970-02**
	angulated 60°	18,5 cm - 7.1/4"	**10970-03**
	angulated 90°	18,5 cm - 7.1/4"	**10970-04**
	angulated 130°	18,5 cm - 7.1/4"	**10970-05**

Redamed

2 Titanium Tissue Forceps.

**Flat Handle - **Round Handle*

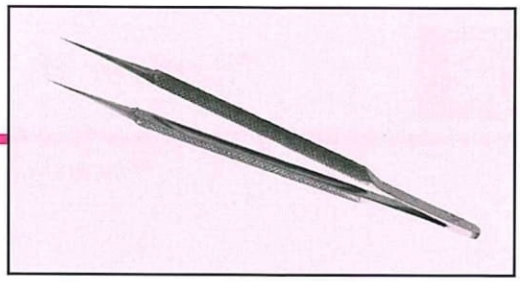


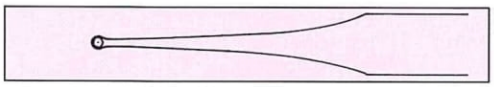
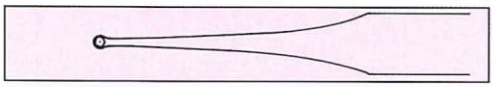
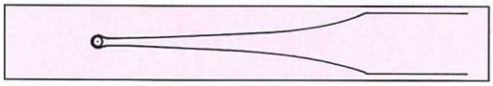
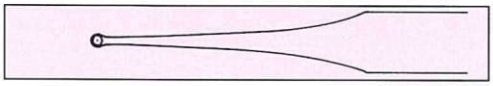
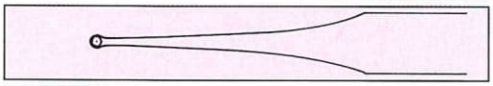
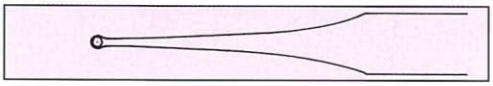
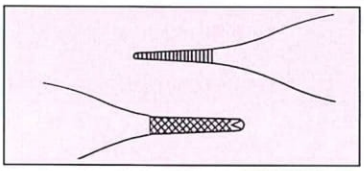
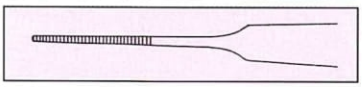
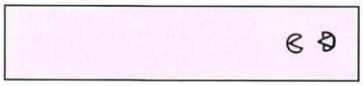
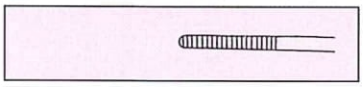
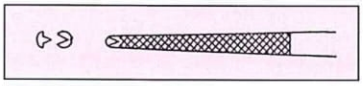
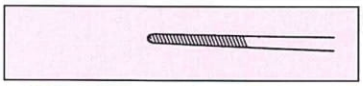
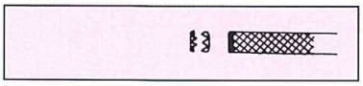
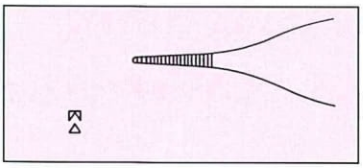
TIP (Scale 1/1)	SHAPE	REFERENCE
	De Bakey *straight (width of jaws : 2,5 mm)	12950-01 15 cm - 6"
	De Bakey *straight (width of jaws : 2,5 mm)	12950-02 19,5 cm - 7.3/4"
	De Bakey *straight (width of jaws : 2,5 mm)	12950-03 24 cm - 9.1/2"
	De Bakey *straight (width of jaws : 1,5 mm)	12952-01 15 cm - 6"
	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"

Redamed

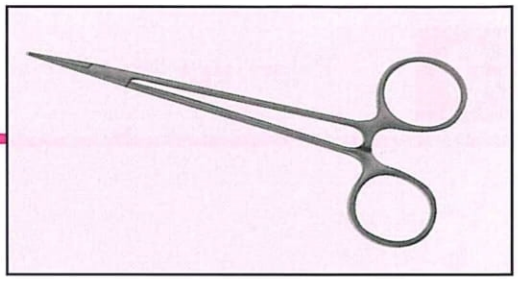
2 Titanium Tissue Forceps.

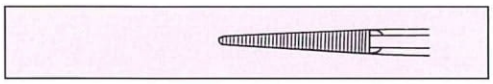
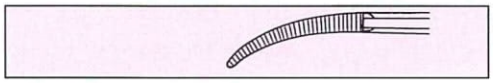
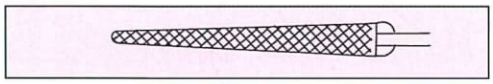
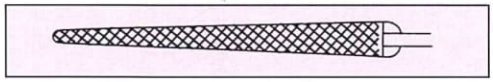
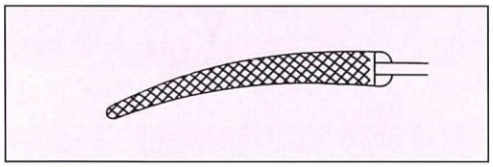
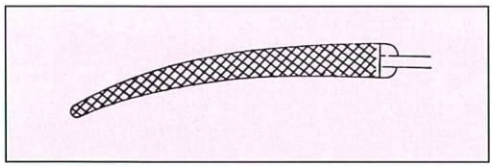
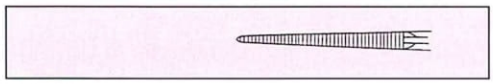
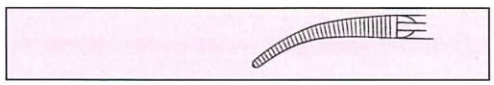
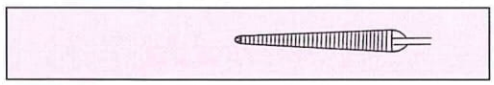
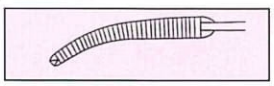
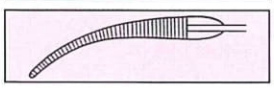
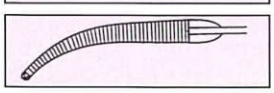
*Flat Handle - **Round Handle



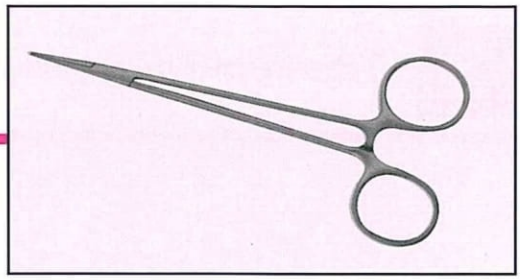
TIP (Scale 1/1)	SHAPE	REFERENCE
	**Micro tying forceps** **ø int.13/10 ø ext.19/10 (with ring tip)	**12966-01** 15 cm - 6"
	**Micro tying forceps** **ø int. 4/10 ø ext. 10/10	**12966-02** 15 cm - 6"
	**Micro tying forceps** **ø int. 13/10 ø ext. 19/10	**12966-03** 18 cm - 7.1/8"
	**Micro tying forceps** **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"

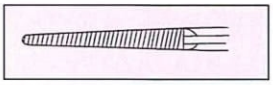
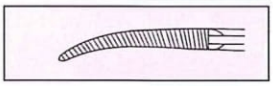
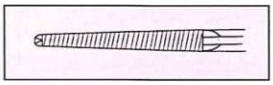
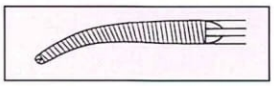
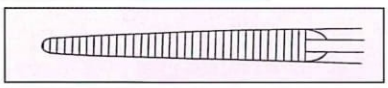
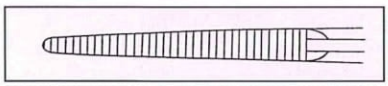
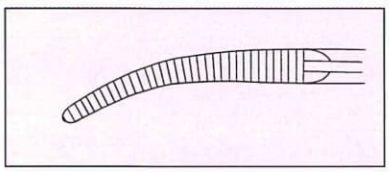
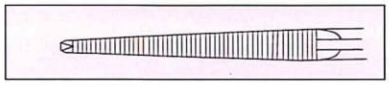
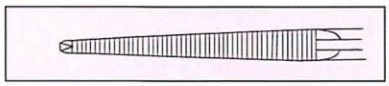
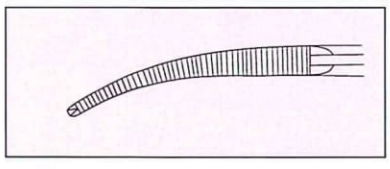
3 Titanium Haemostatic Forceps.



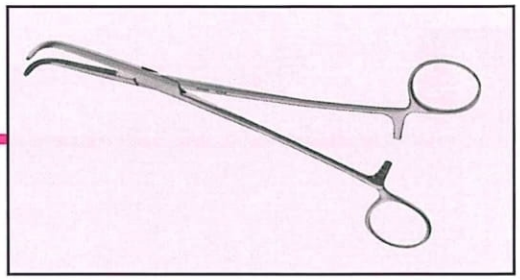
TIP (Scale 1/1)	SHAPE	REFERENCE
	**Hartmann** straight	**13950-01** 10 cm - 3.1/2"
	**Hartmann** curved	**13950-02** 10 cm - 3.1/2"
	**Bengolea** straight	**13960-01** 18 cm - 7.1/8"
	**Bengolea** straight	**13960-02** 23 cm - 9.1/8"
	**Bengolea** curved	**13960-03** 18 cm - 7.1/8"
	**Bengolea** curved	**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"

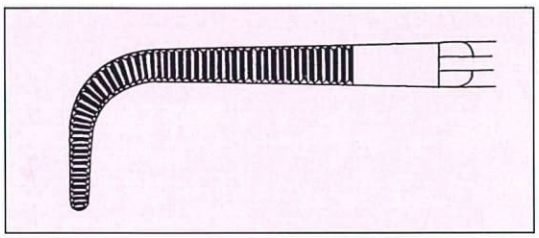
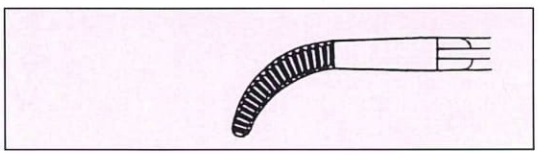
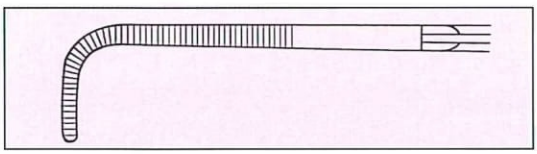
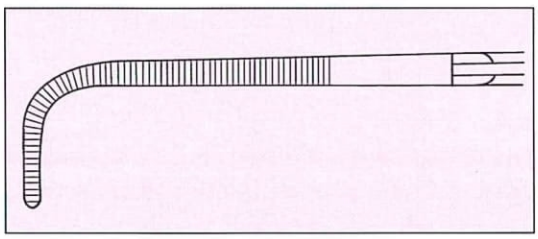
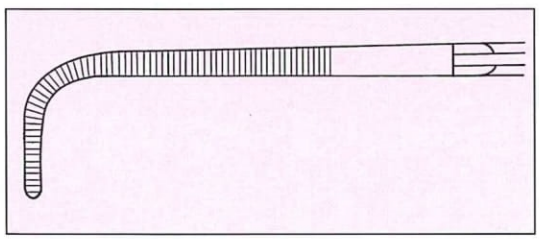
3 Titanium Haemostatic Forceps.



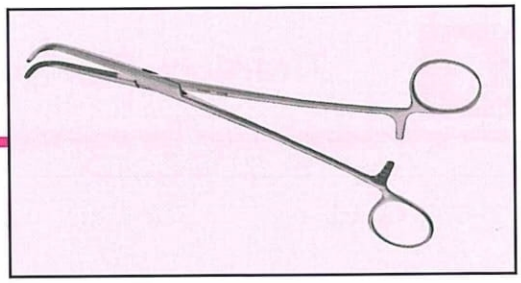
TIP (Scale 1/1)	SHAPE	REFERENCE
	**Leriche** straight	**13956-01** 15 cm - 6"
	**Leriche** curved	**13956-02** 15 cm - 6"
	**Leriche** straight (with teeth)	**13956-03** 15 cm - 6"
	**Leriche** curved (with teeth)	**13956-04** 15 cm - 6"
	**Crile** straight	**13958-01** 14 cm - 5.1/2"
	**Crile** straight	**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"

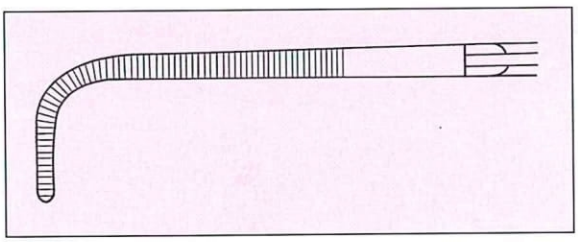
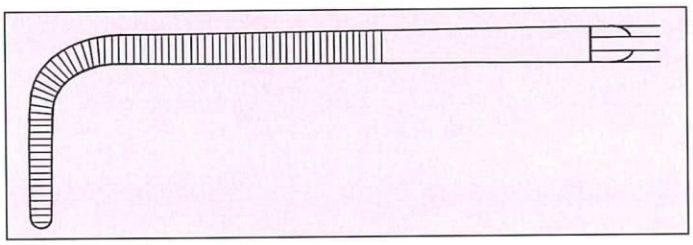
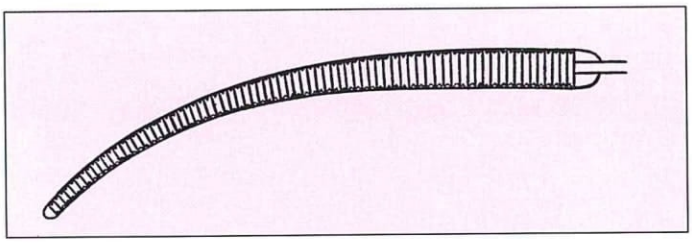
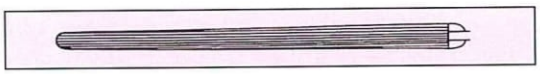
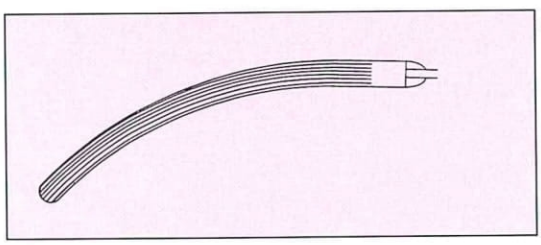
4 Titanium Clamping Forceps.



TIP (Scale 1/1)	SHAPE	REFERENCE
	**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"

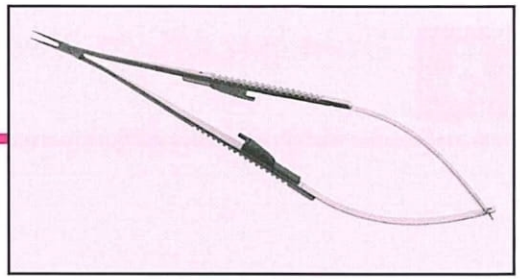
4 Titanium Clamping Forceps.



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"

Redamed

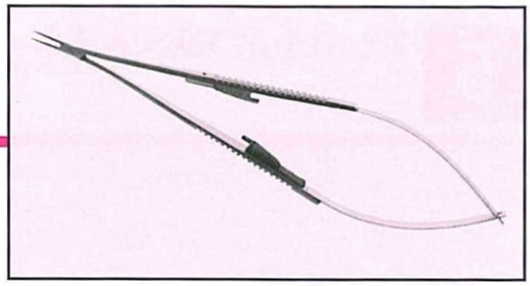
5 Titanium Micro Needle Holders. Flat Handle.



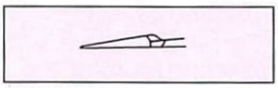
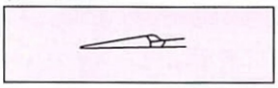
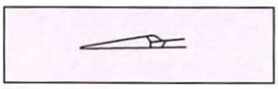
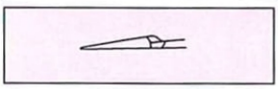
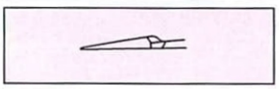
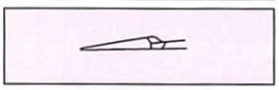
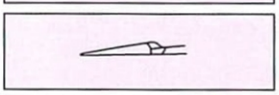
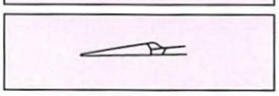
TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
	straight	16 cm - 6.1/4"	**25950-01**
	straight with catch	16 cm - 6.1/4"	**25950-02**
	curved	16 cm - 6.1/4"	**25950-03**
	curved with catch	16 cm - 6.1/4"	**25950-04**
	straight	18 cm - 7.1/8"	**25951-01**
	straight with catch	18 cm - 7.1/8"	**25951-02**
	curved	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**

Tungsten Carbide Coated (TCC)

5 Titanium Micro Needle Holders. Flat Handle.

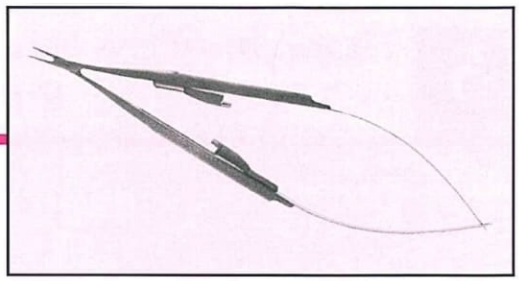


Tungsten Carbide Insert (TCI)

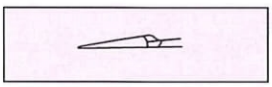
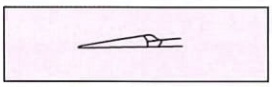
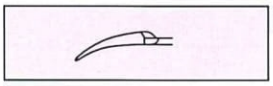
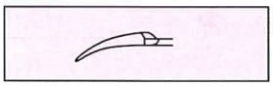
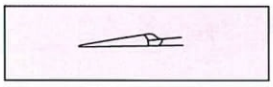
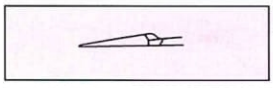
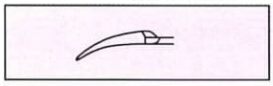
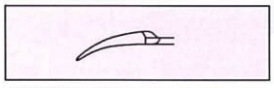
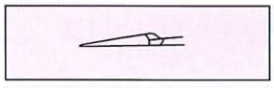
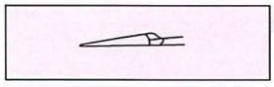
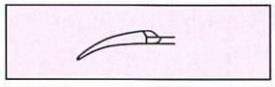
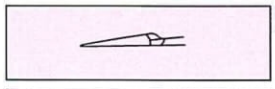
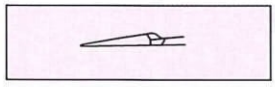
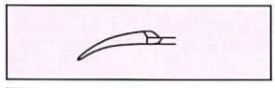
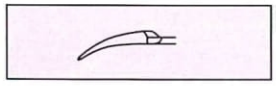
TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
	straight	16 cm - 6.1/4"	**25954-01**
	straight with catch	16 cm - 6.1/4"	**25955-01**
	straight	18 cm - 7.1/8"	**25956-01**
	straight with catch	18 cm - 7.1/8"	**25956-02**
	straight	21 cm - 8.1/4"	**25957-01**
	straight with catch	21 cm - 8.1/4"	**25957-02**
	straight	23 cm - 9"	**25958-01**
	straight with catch	23 cm - 9"	**25958-02**

Redamed

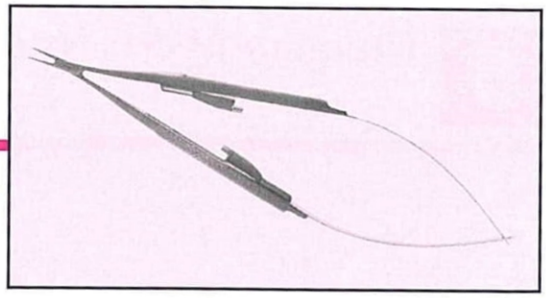
5 Titanium Micro Needle Holders. Round Handle.



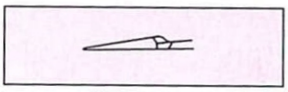
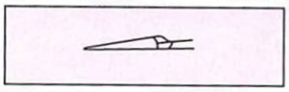
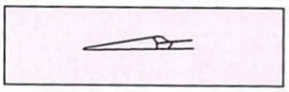
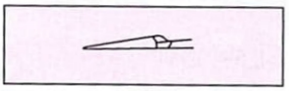
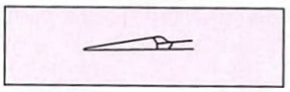
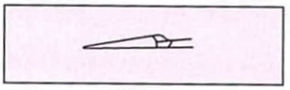
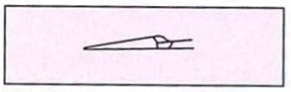
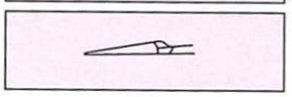
Tungsten Carbide Coated (TCC)

TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
	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.

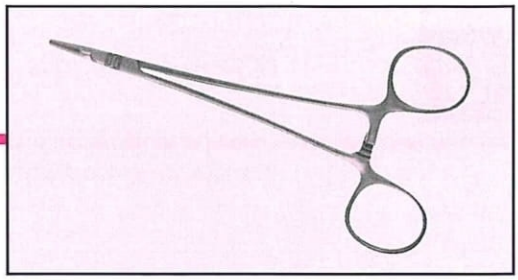


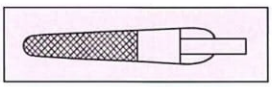
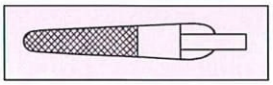
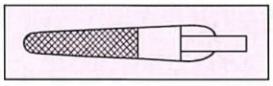
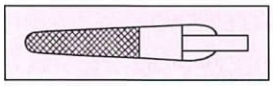
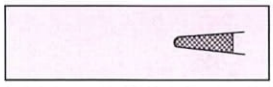
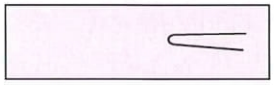
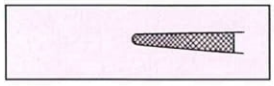
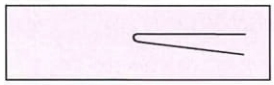
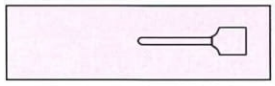
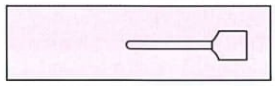
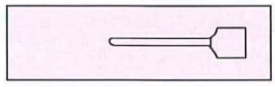
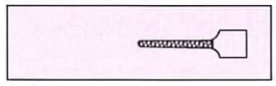
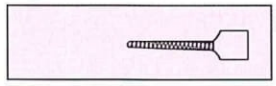
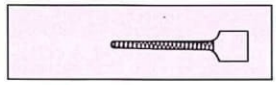
Tungsten Carbide Insert (TCI)

TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
	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

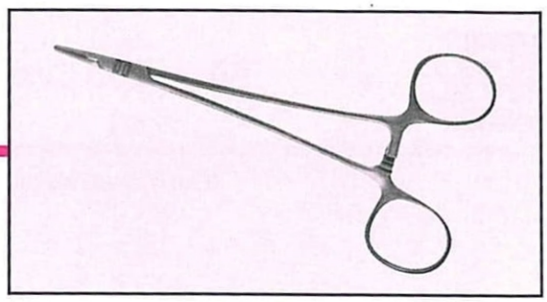


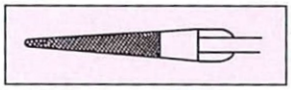
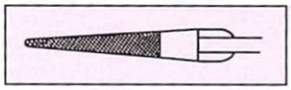
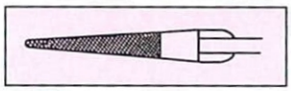
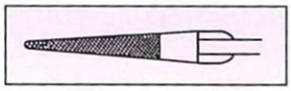
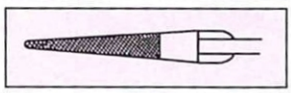
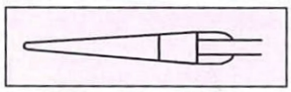
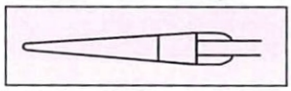
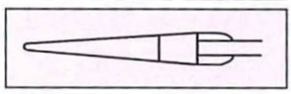
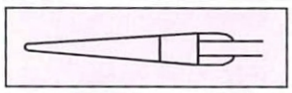
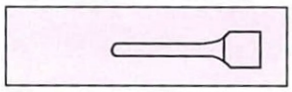
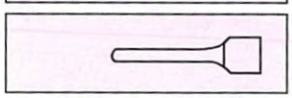
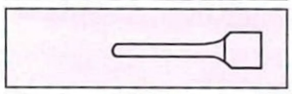
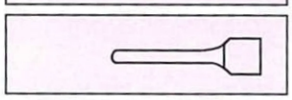
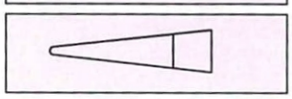
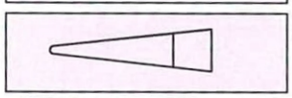
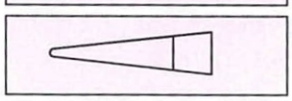
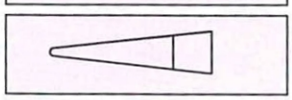
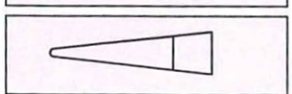
TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
	***Mayo-Hegar*** 1800 teeth per square inch	**Tungsten 16 cm - 6.1/4"	***25970-01***
	***Mayo-Hegar*** 1800 teeth per square inch	**Tungsten	***25970-02*** 18 cm - 7.1/8"
	***Mayo-Hegar*** 1800 teeth per square inch	**Tungsten 20 cm - 8"	***25970-03***
	***Mayo-Hegar*** 1800 teeth per square inch	**Tungsten 22 cm - 8.3/4"	***25970-04***
	***Derf*** 4000 teeth per square inch	**Tungsten	***25972-01*** 11,5 cm - 4.1/2"
	***Derf***	*Tungsten 11,5 cm - 4.1/2"	***25972-02***
	***Halsey*** for suture sizes 4-0 to 6-0/4000 teeth/inch²	**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	***25975-04*** 15 cm - 6"
	***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***

Redamed

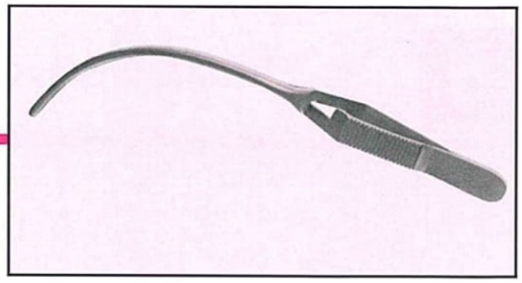
5 Titanium Needle Holders.

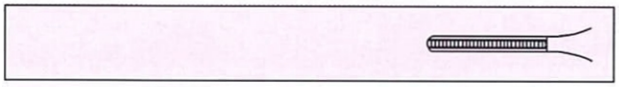
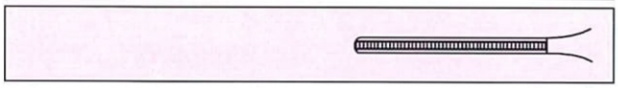
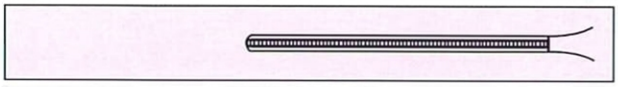
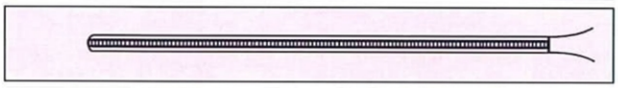
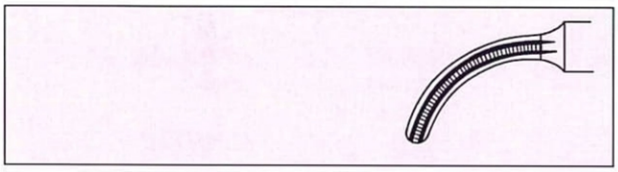
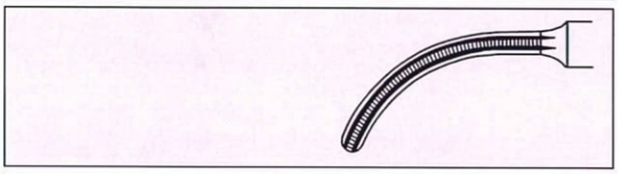
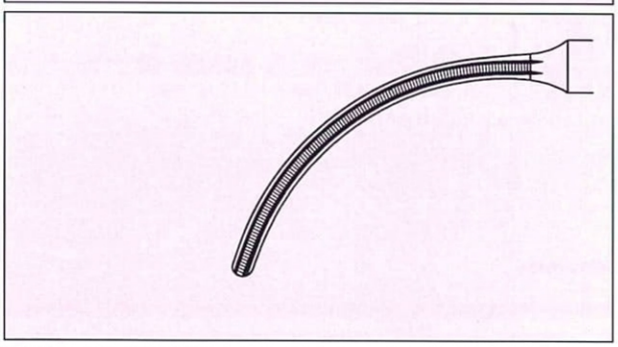
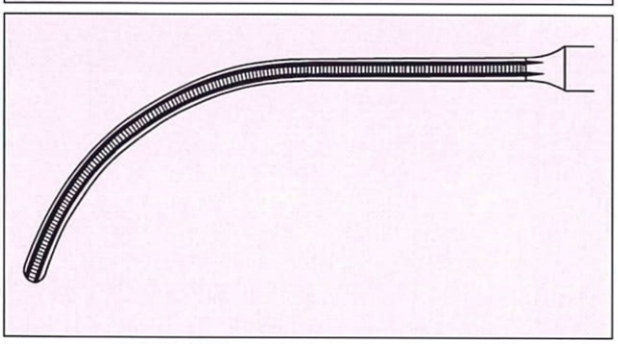
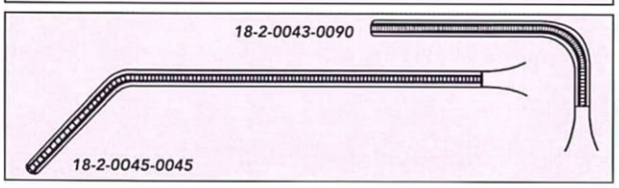
** = Carbide Coated - ** =Carbide Inserts*



TIP (Scale 1/1)	SHAPE	SIZE	REFERENCE
	**De Bakey** 4000 teeth per square inch	** Tungsten 16 cm - 6.1/4"	**25977-01**
	**De Bakey** 4000 teeth per square inch	** Tungsten 18 cm - 7.1/8"	**25977-02**
	**De Bakey** 4000 teeth per square inch	** Tungsten 20 cm - 8"	**25977-03**
	**De Bakey** 4000 teeth per square inch	** Tungsten 22 cm - 8.5/8"	**25977-04**
	**De Bakey** 4000 teeth per square inch	** Tungsten 25 cm - 10"	**25977-05**
	**De Bakey**	* Smooth 18 cm - 7.1/8"	**25977-06**
	**De Bakey**	* Smooth 20 cm - 8"	**25977-07**
	**De Bakey**	* Smooth 22 cm - 8.5/8"	**25977-08**
	**De Bakey**	* 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**

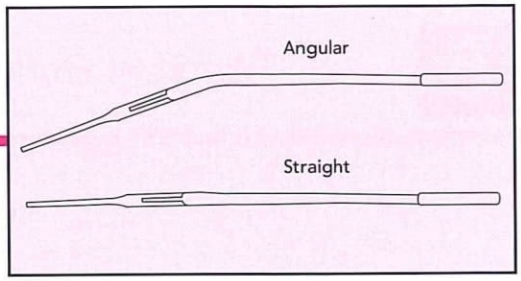
6 Titanium Bulldog Clamps.



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 **De Bakey** 45° angled	**13970-09** 7 cm - 2.3/4" **13970-10** 12 cm - 4.3/4"

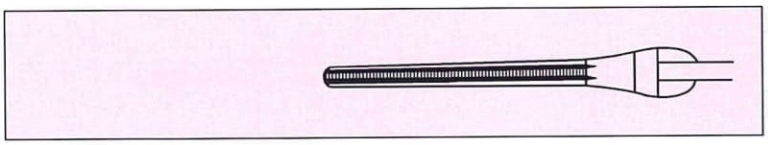
Redamed

6 Titanium Vascular Clamps.



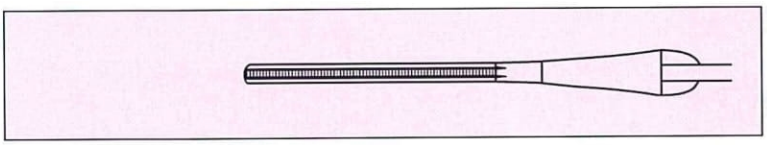
TIP (Scale 1/1)	SHAPE	REFERENCE

Patent Ductus Coarctation Vascular Clamps



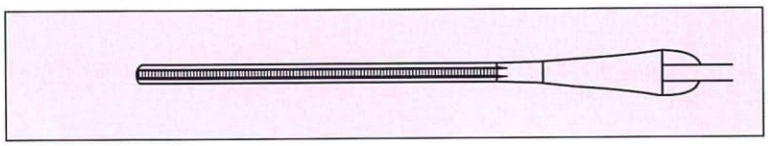
Glover straight - De Bakey jaws — **61950-01** 20 cm - 8"

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



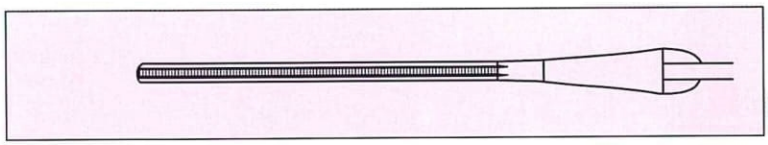
Glover straight - De Bakey jaws — **61950-03** 20 cm - 8"

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



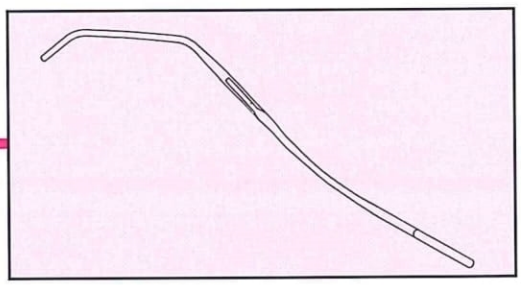
Glover straight - De Bakey jaws — **61950-05** 21 cm - 8.1/4"

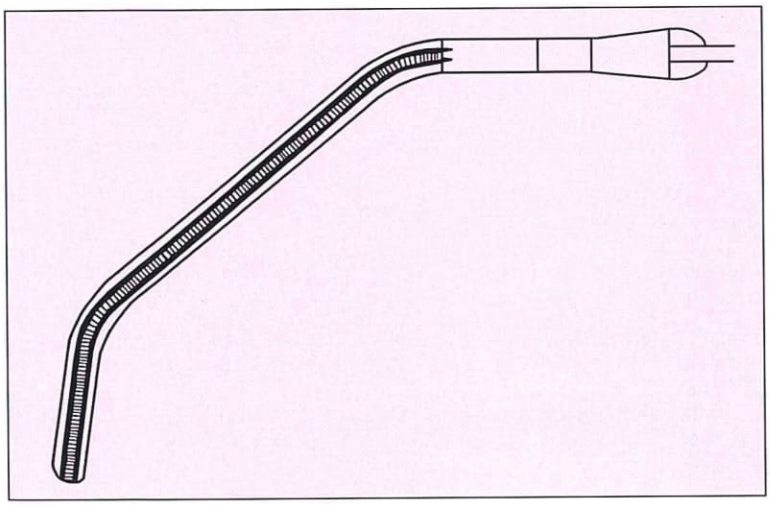
Glover angular - De Bakey jaws — **61950-06** 21 cm - 8.1/4"



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

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

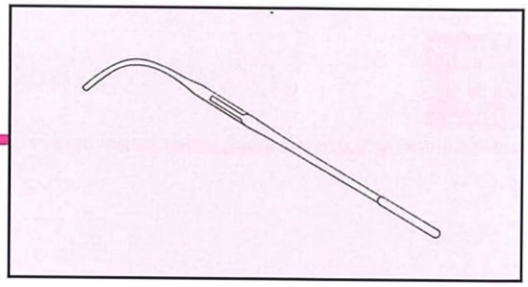


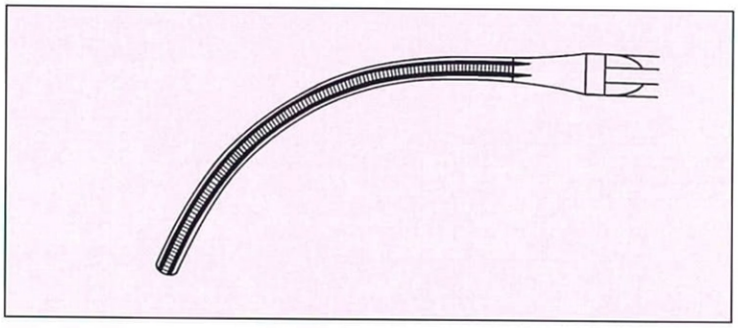
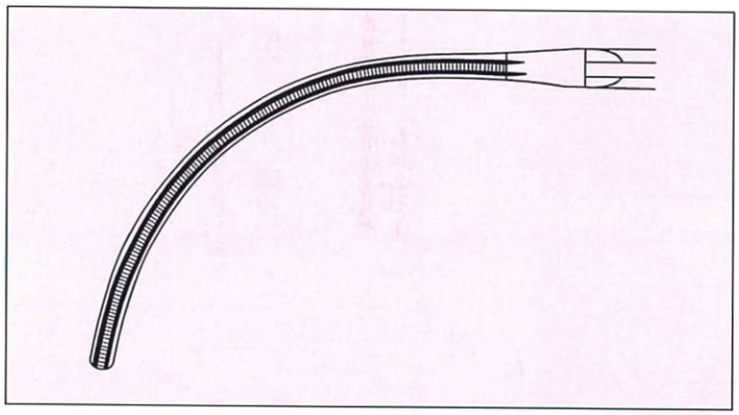
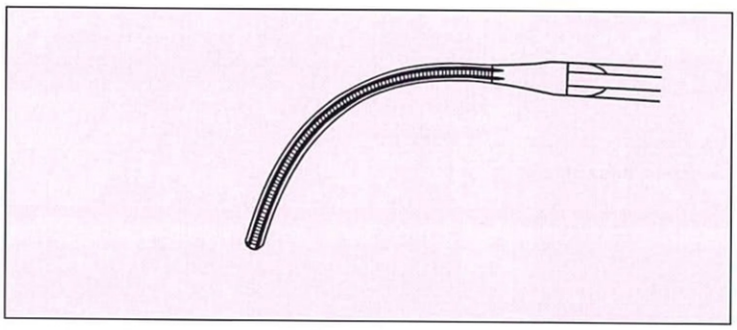
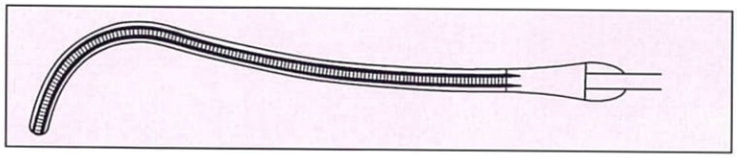
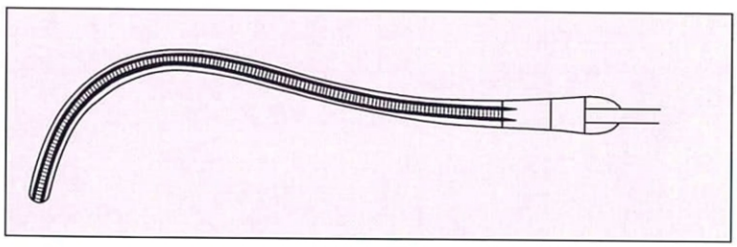


Swan atrial clamp — **61952-01** 23 cm - 9"

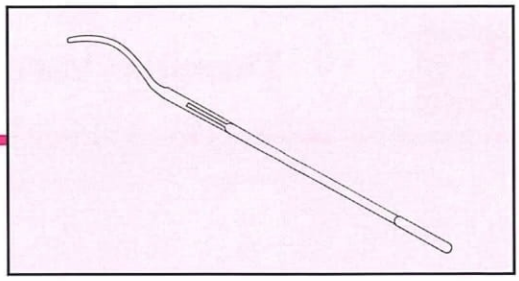
Redamed

6 Titanium Vascular Clamps.

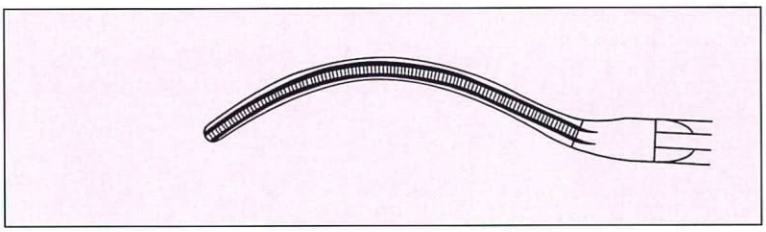


TIP (Scale 1/1)	SHAPE	REFERENCE
	**Glover** curved - De Bakey jaws	**61953-01** 21 cm - 8.1/4"
	**Glover** curved - De Bakey jaws	**61953-02** 24 cm - 9.1/2"
	**De Bakey** De Bakey jaws	**61955-01** 15 cm -6"
	**De Bakey** De Bakey jaws	**61955-02** 21 cm - 8.1/4"
	**De Bakey** De Bakey jaws	**61955-03** 24 cm - 9.1/2"

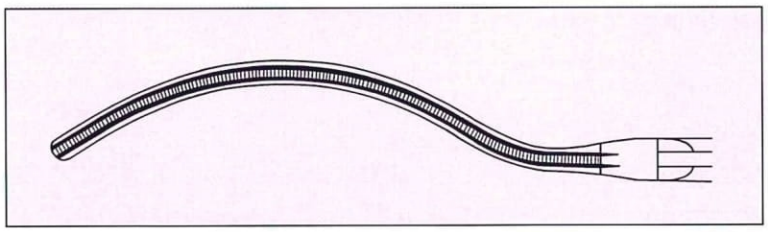
6 Titanium Vascular Clamps.



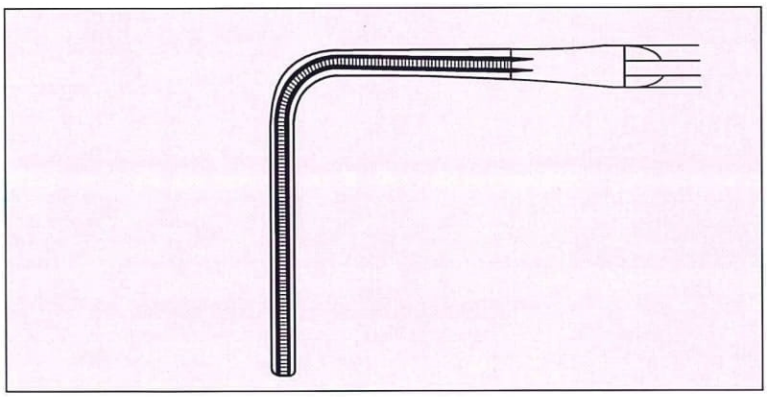
TIP (Scale 1/1)	SHAPE	REFERENCE



Glover **61957-01**
Spoon shaped 21,5 cm - 8.1/2"

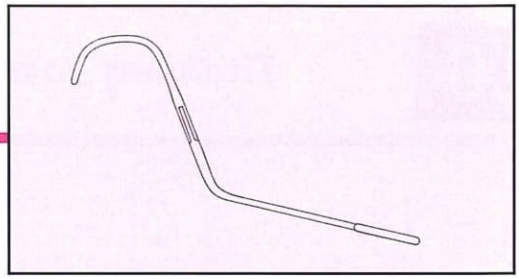


Glover **61957-02**
Spoon shaped 26 cm - 10.3/8"

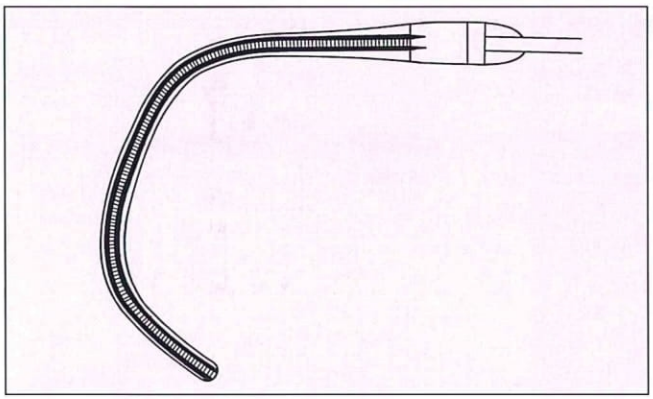


Lees **61957-03**
Bronchus clamp 22 cm - 8.3/4"
for vessels and bronchus-De Bakey jaws

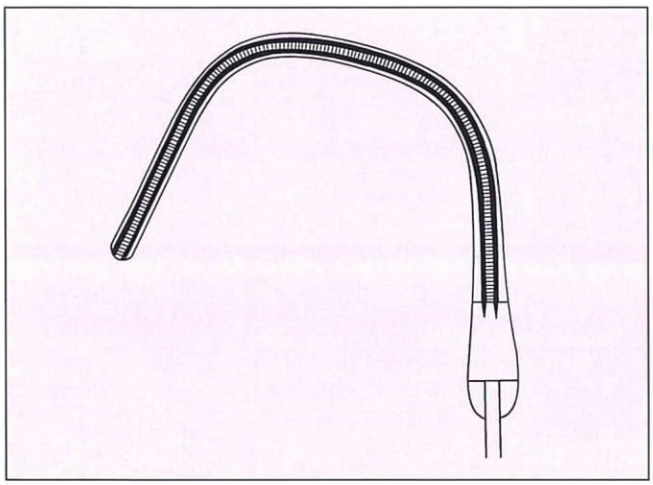
6 Titanium Vascular Clamps.



TIP (Scale 1/1)	SHAPE	REFERENCE

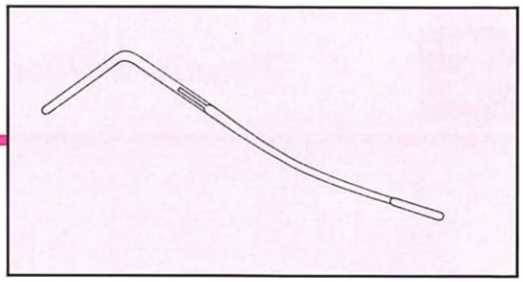


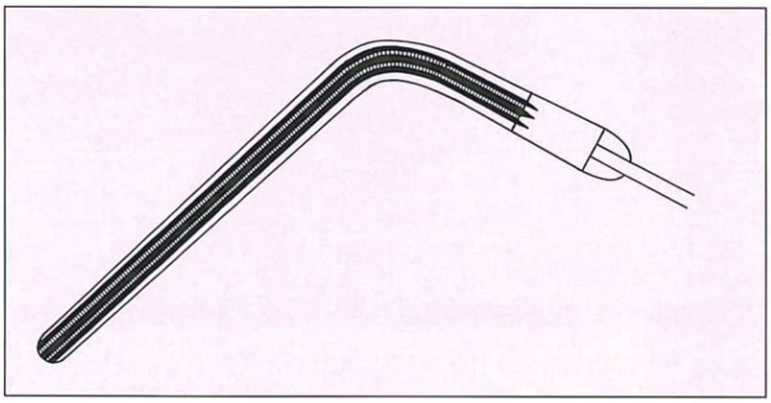
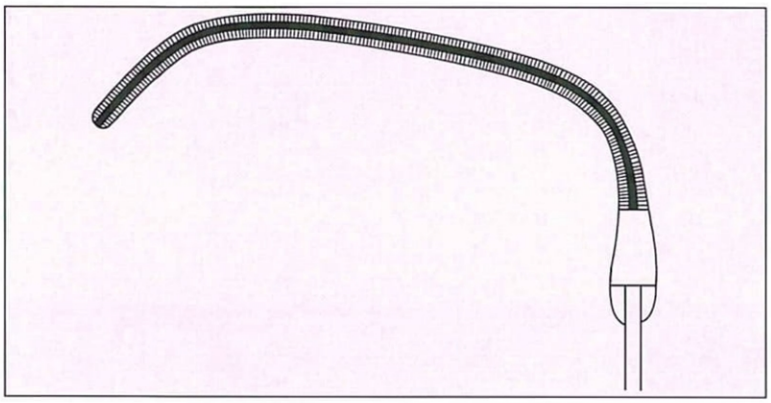
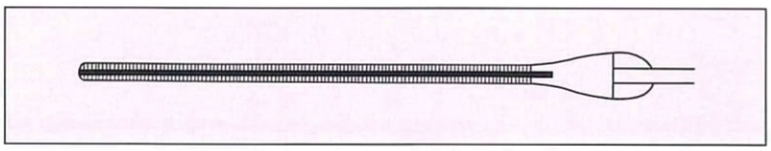
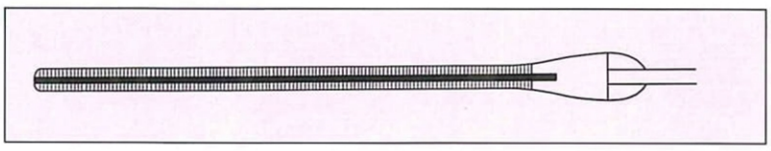
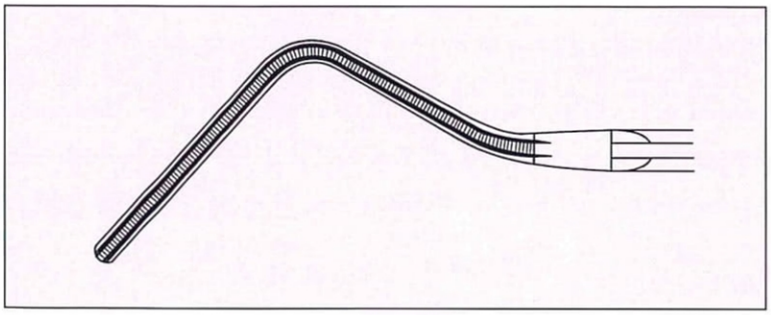
Lambert-Kay — **61958-01**
De Bakey jaws — 20 cm - 8"



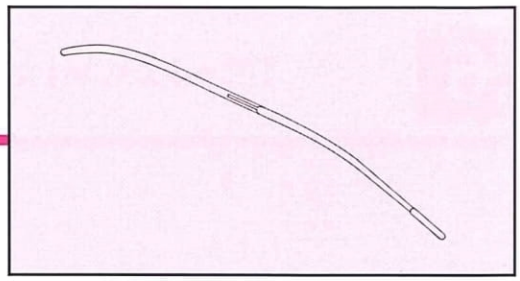
Kay — **61958-02**
De Bakey jaws — 20 cm - 8"

6 Titanium Vascular Clamps.

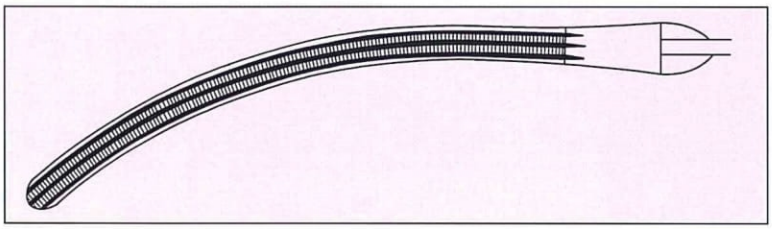


TIP (Echelle 1/1)	SHAPE	REFERENCE
	**De Bakey** De Bakey jaws	**61960-01** 26,5 cm - 10.1/2"
	**Glover** Cooley jaws	**61960-02** 26,5 cm - 10.1/2"
	**Cooley** Cooley jaws for iliac artery	**61960-03** 21,5 cm - 8.1/2"
	**Cooley** Cooley jaws for iliac artery	**61960-04** 26 cm - 10.3/8"
	**Lees** **Bronchus clamp**	**61960-05** 23 cm - 9.1/4"

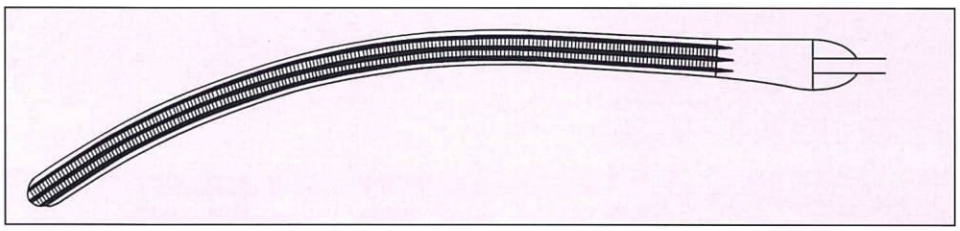
6 Titanium Vascular Clamps.



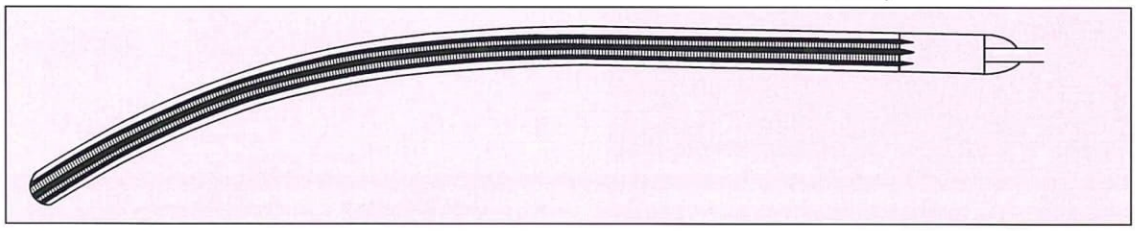
TIP (Scale 1/1)	SHAPE	REFERENCE



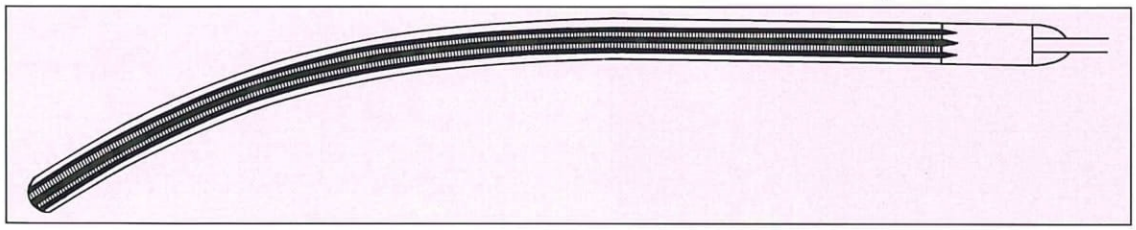
De Bakey **61962-01**
De Bakey 28 cm - 11"



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

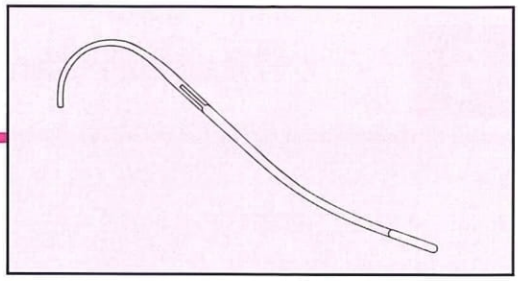


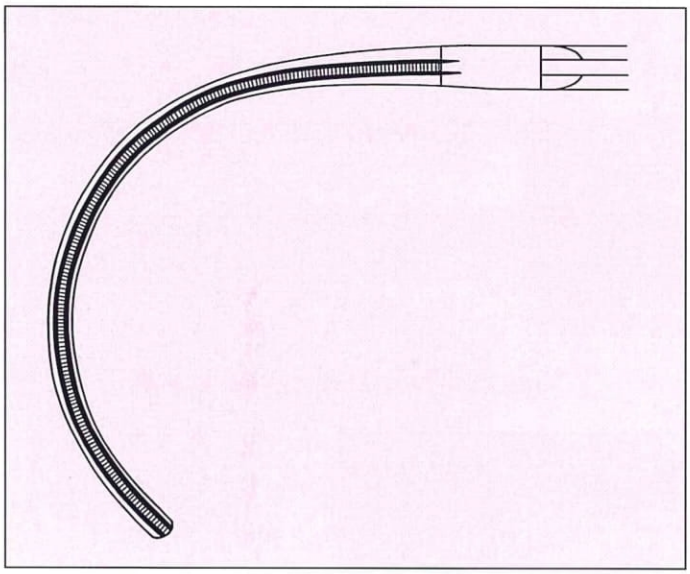
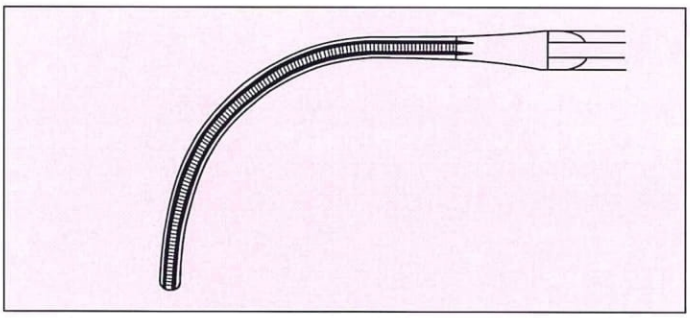
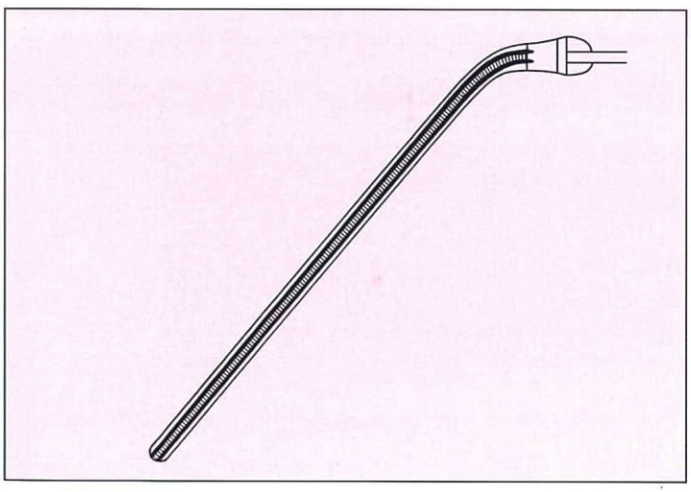
De Bakey **61962-03**
De Bakey 32 cm - 12.5/8"



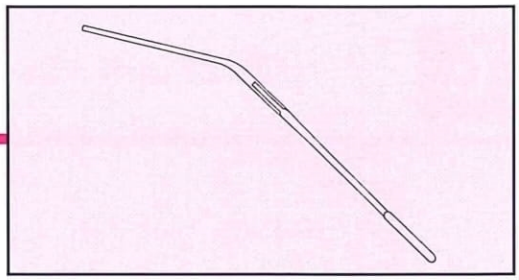
De Bakey **61962-04**
De Bakey 34 cm - 13.1/2"

6 Titanium Vascular Clamps.

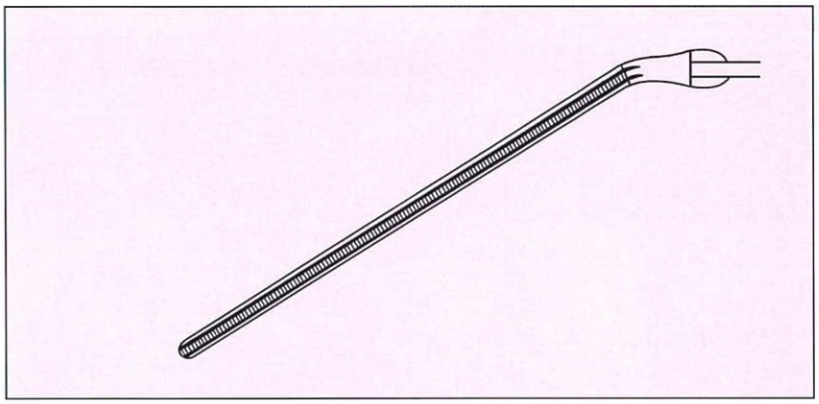


TIP (Scale 1/1)	SHAPE	REFERENCE
	**De Bakey** De Bakey jaws	**61963-01** 26,5 cm - 10.1/2"
	**De Bakey** De Bakey jaws	**61963-02** 26 cm - 10.3/8"
	**De Bakey** De Bakey jaws	**61963-03** 18 cm - 7.1/8"

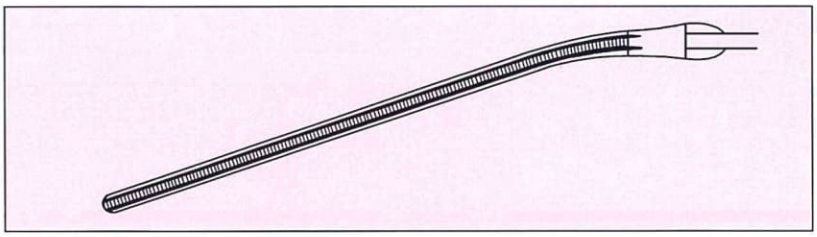
6 Titanium Vascular Clamps.



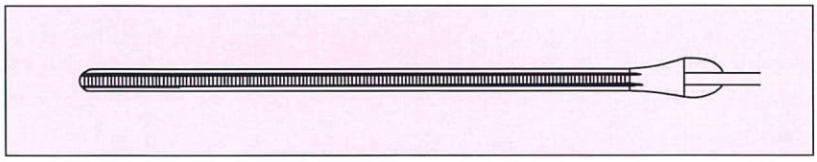
TIP (Scale 1/1)	SHAPE	REFERENCE



Leland-Jones **61964-01**
De Bakey jaws 19 cm - 7.1/2"

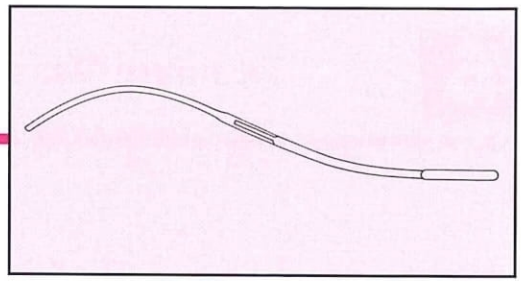


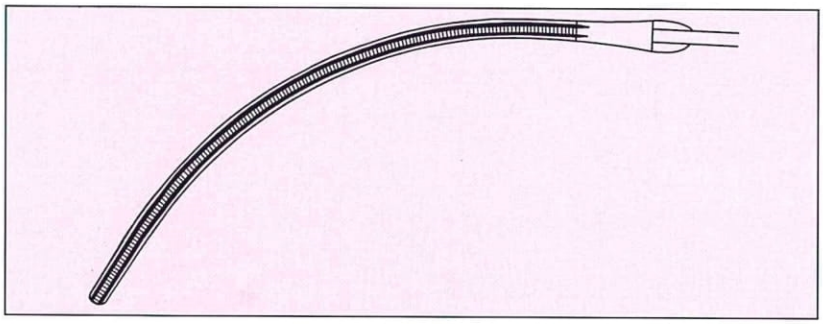
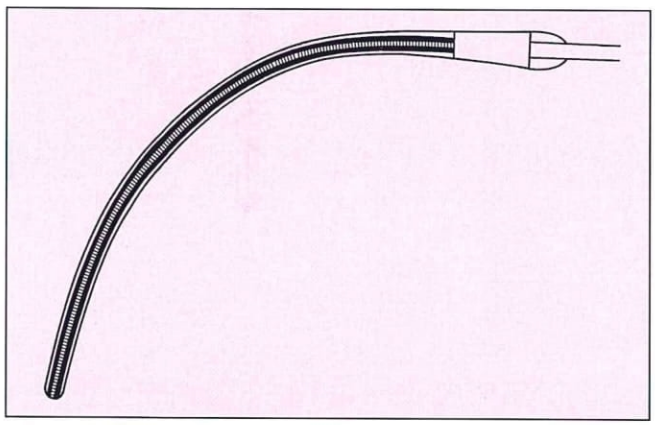
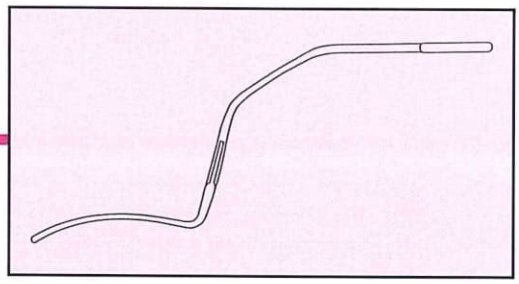
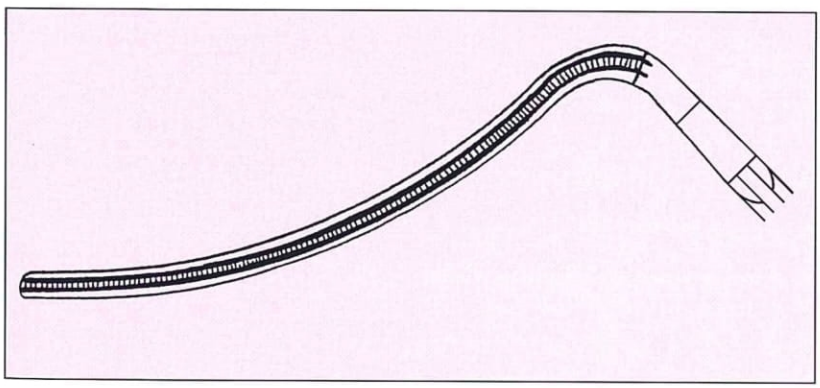
Leland-Jones **61964-02**
De Bakey jaws 20 cm - 8"



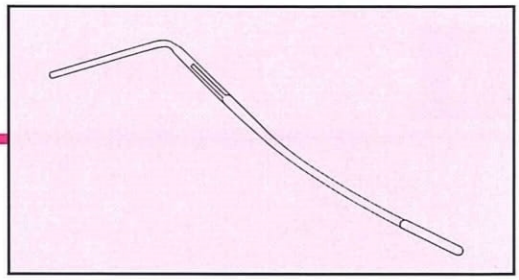
Leland-Jones **61964-03**
De Bakey jaws 21 cm - 8.1/4"

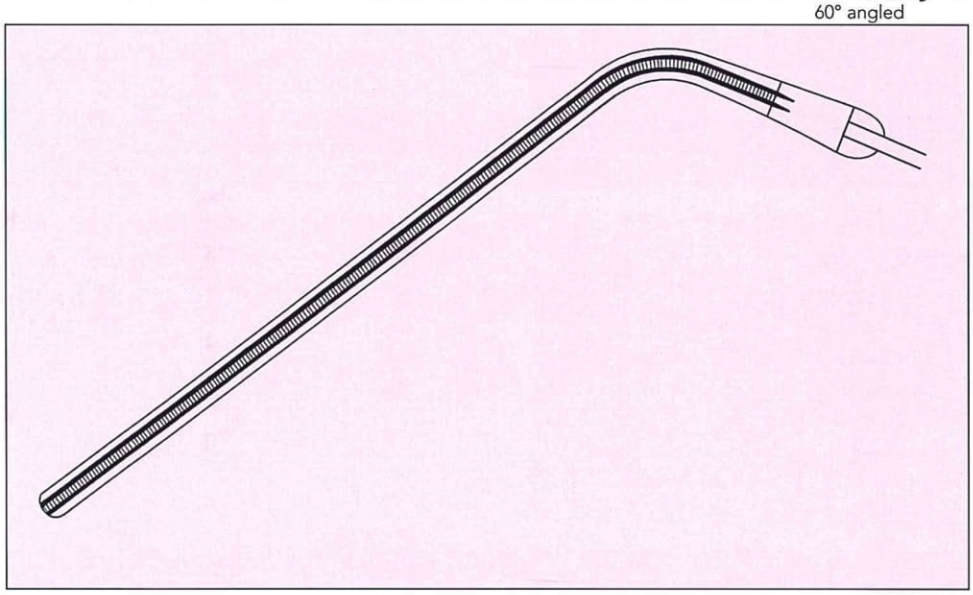
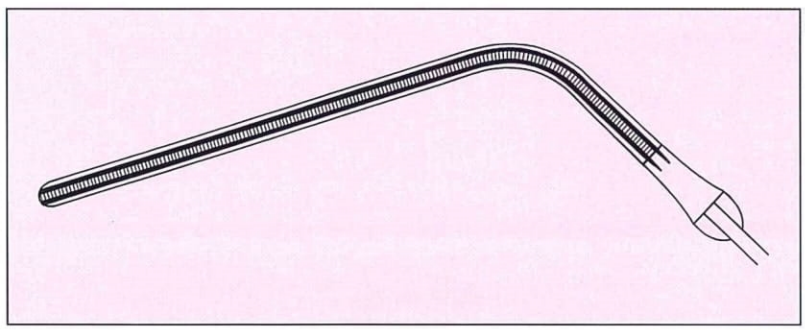
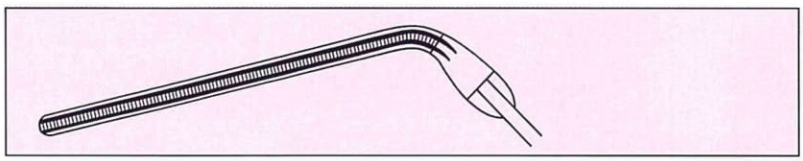
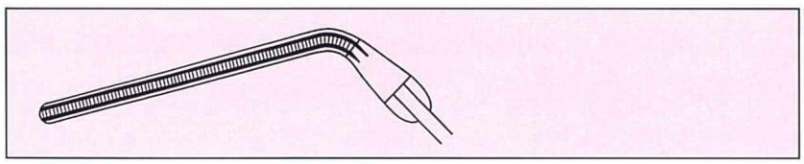
6 Titanium Vascular Clamps.



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 De Bakey jaws (Lg : 8 cm)	61966-01 23 cm - 9"

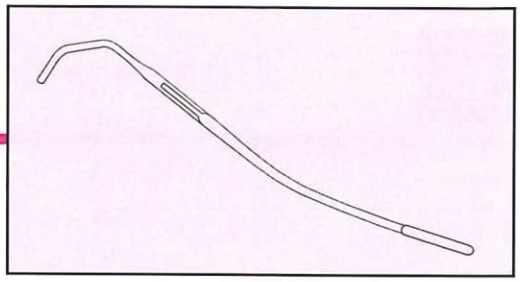
6 Titanium Vascular Clamps.

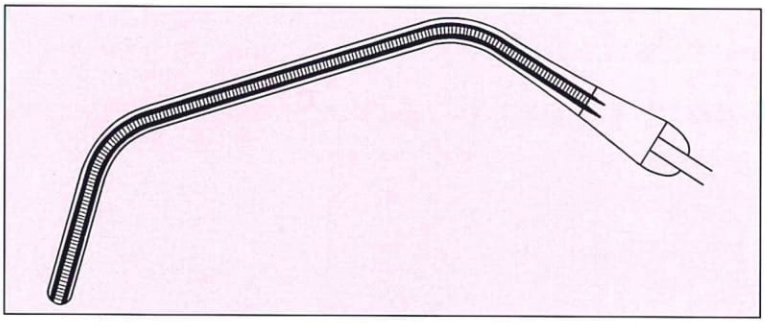
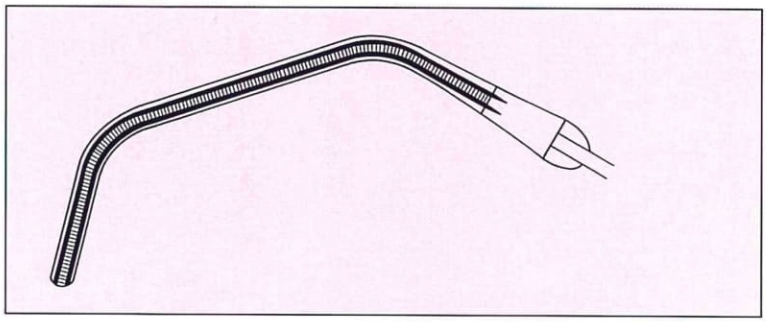
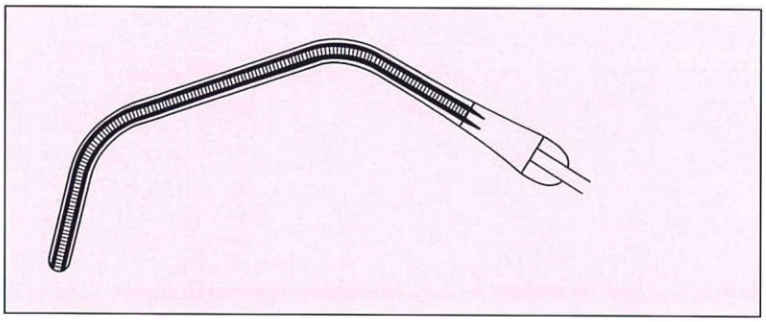
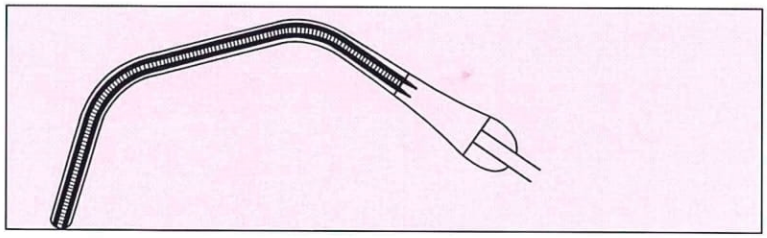
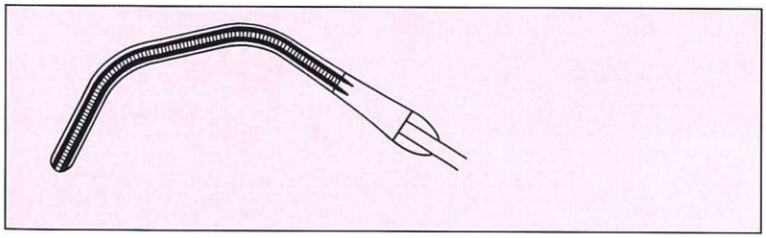


TIP (Scale 1/1)	SHAPE	REFERENCE
	**De Bakey** 60° angled	**61967-01** 30,5 cm - 12"
	**De Bakey** 60° angled	**61967-02** 25 cm - 10"
	**De Bakey** 60° angled	**61967-03** 23,5 cm - 9.1/4"
	**De Bakey** 60° angled	**61967-04** 21 cm - 8.1/4"

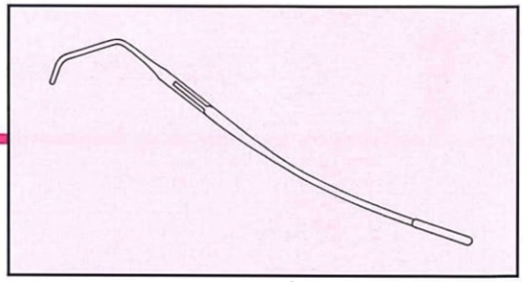
Redamed

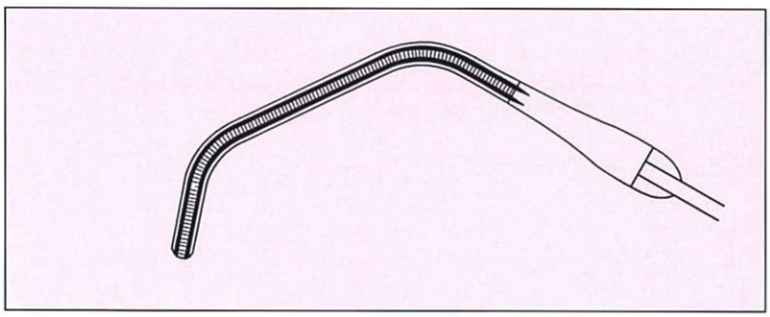
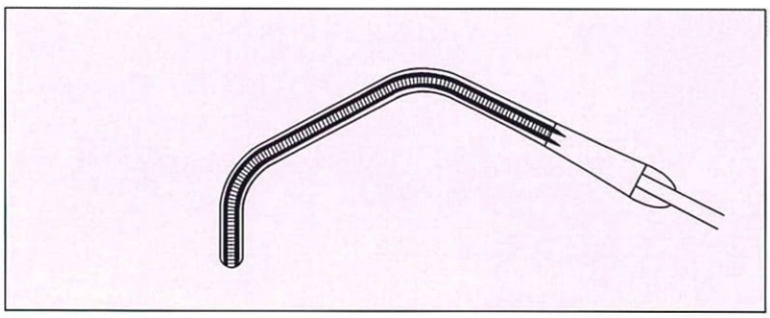
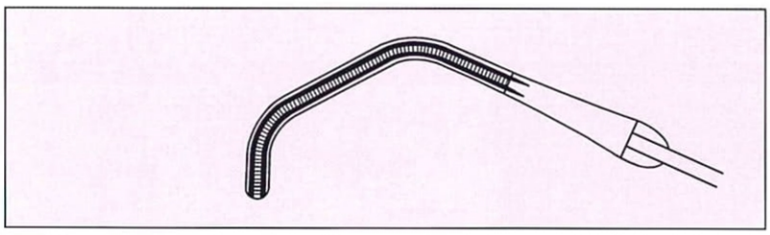
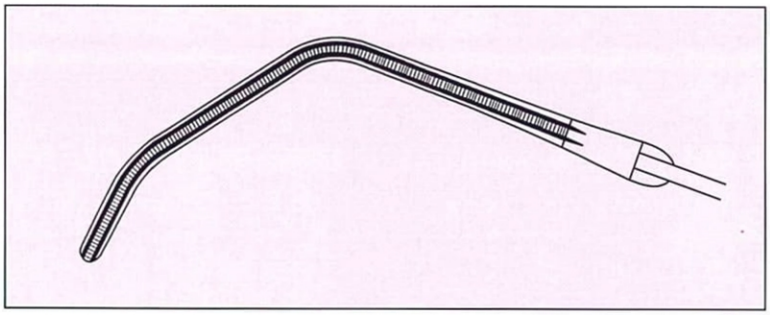
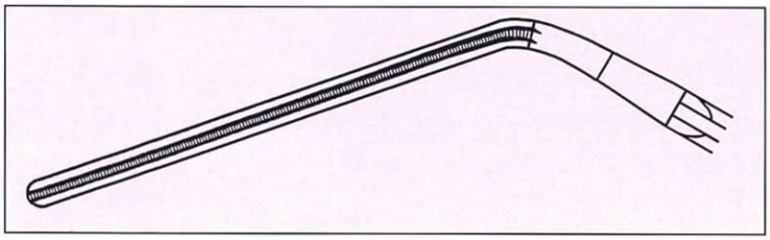
6 Titanium Vascular Clamps.



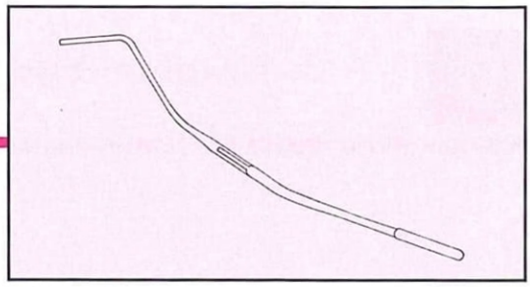
TIP (Scale 1/1)	SHAPE	REFERENCE
	**De Bakey** occlusion clamp	**61977-01** 27 cm - 10.3/4"
	**De Bakey** occlusion clamp	**61977-02** 25 cm - 10"
	**De Bakey** occlusion clamp	**61977-03** 25 cm - 10"
	**De Bakey** occlusion clamp	**61977-04** 25 cm - 10"
	**De Bakey** occlusion clamp	**61977-05** 19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

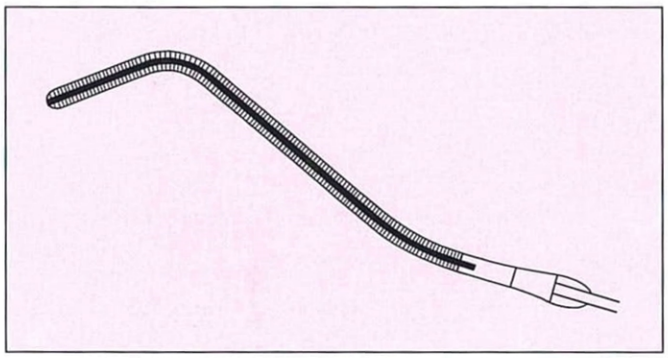
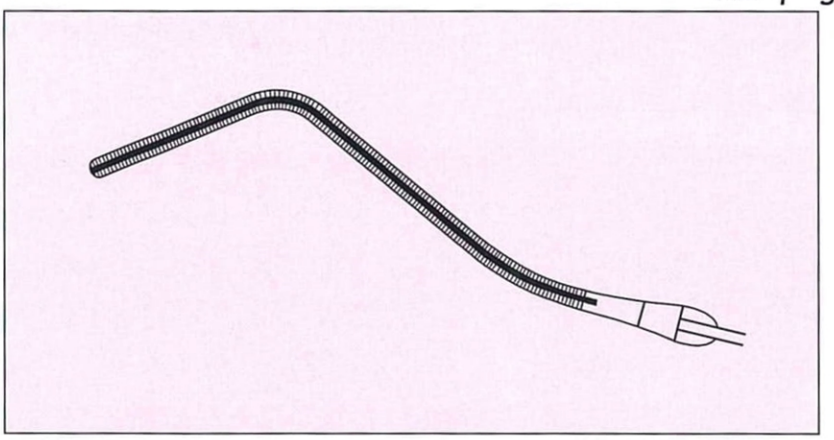
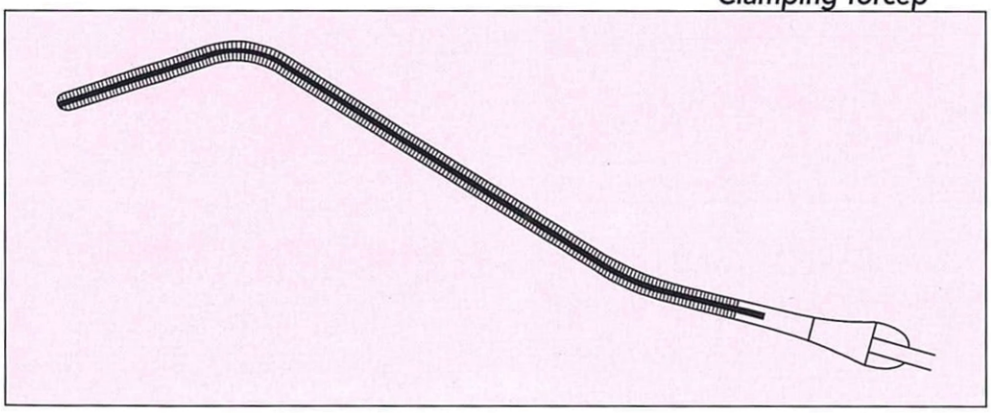
6 Titanium Vascular Clamps.



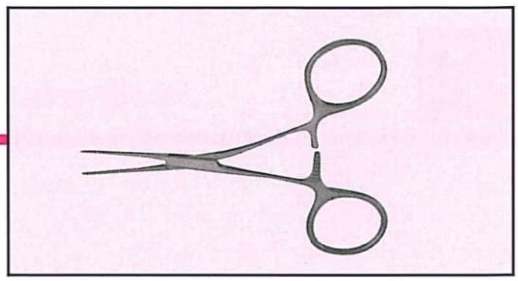
TIP (Scale 1/1)	SHAPE	REFERENCE
	**Satinsky** for vena cava	**61978-01** 25 cm - 10"
	**Satinsky** for vena cava	**61978-02** 25 cm - 10"
	**Satinsky** for vena cava	**61978-03** 25 cm - 10"
	**Glover** for auricular appendage	**61978-04** 25 cm - 10"
	**De Bakey** De Bakey jaws (Lg : 6,5 cm)	**61978-05** 26 cm - 10.1/2"

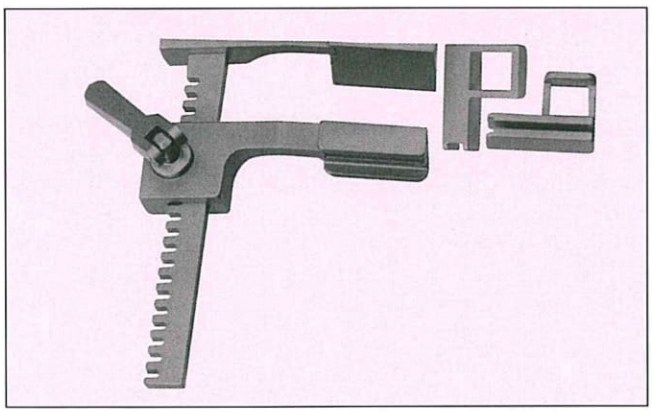
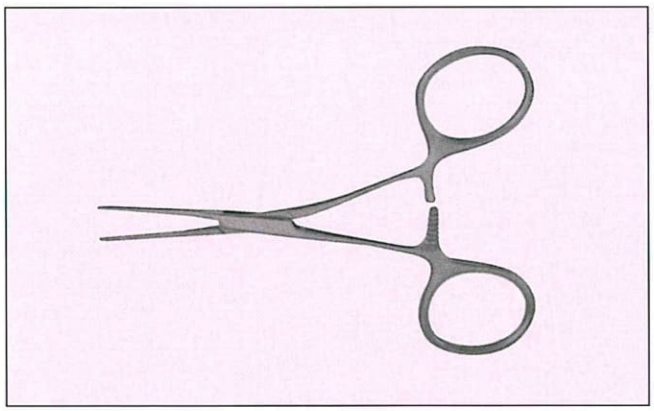
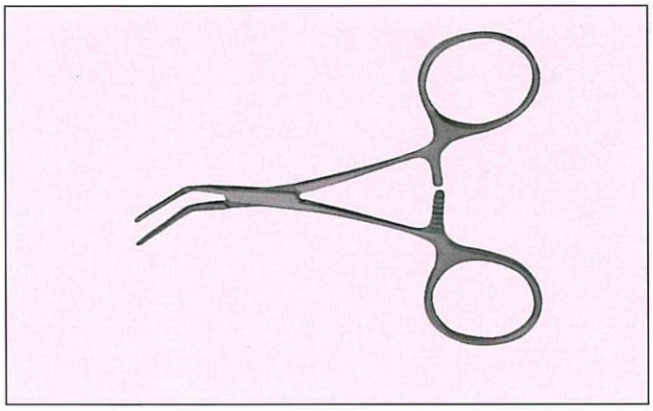
6 Titanium Vascular Clamps.



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"

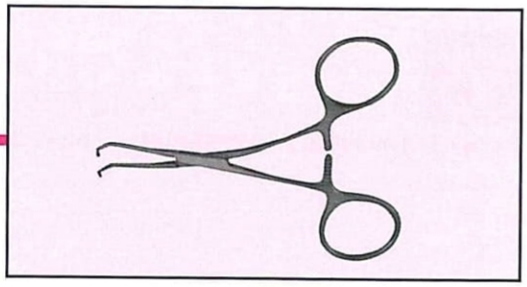
7 Titanium Pediatric Instruments.



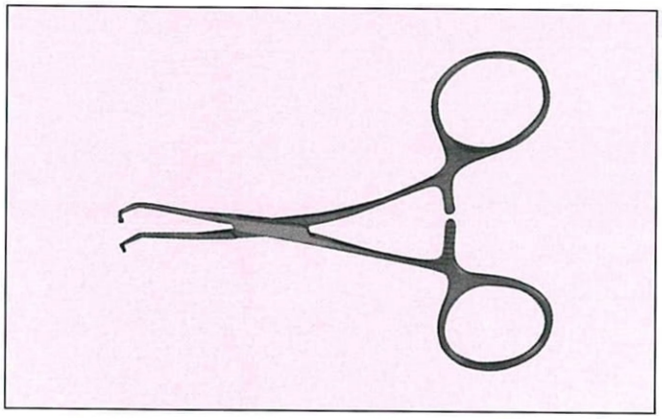
TIP (Scale 1/1)	SHAPE	REFERENCE
	**Sternal spreader** 2 pairs of blades (52 mm)	**19955-00**
	**De Bakey** straight jaws	**61980-01** 10,5 cm - 4"
	**De Bakey** jaws 60° angled (105 mm)	**61980-02** 10,5 cm - 4"

Redamed

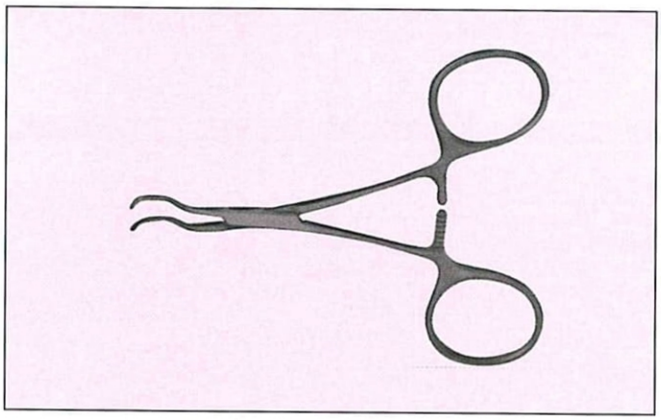
7 Titanium Pediatric Instruments.



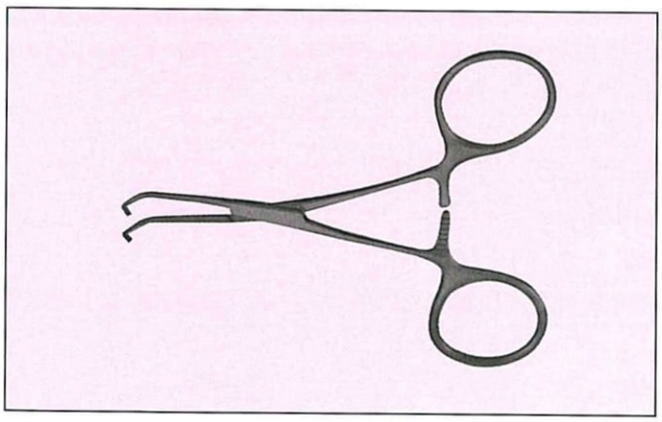
TIP (Scale 1/1)	SHAPE	REFERENCE



De Bakey — clamp for anastomosis — **61980-03** — 6x10,5 cm - 4"

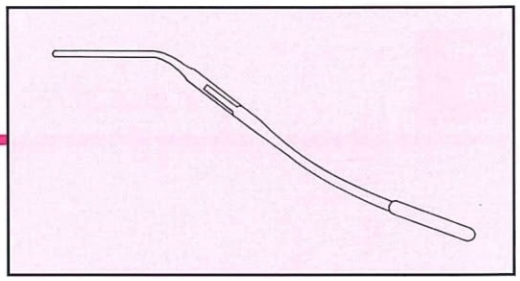


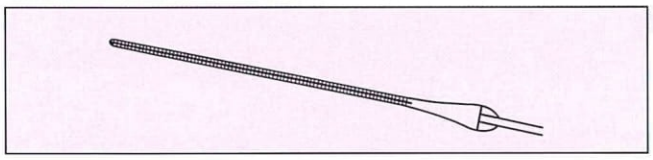
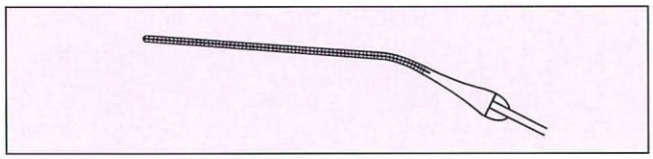
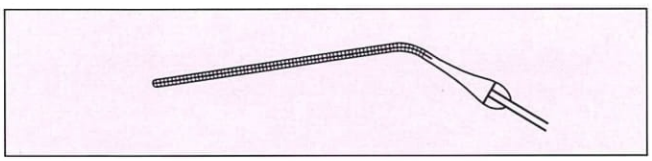
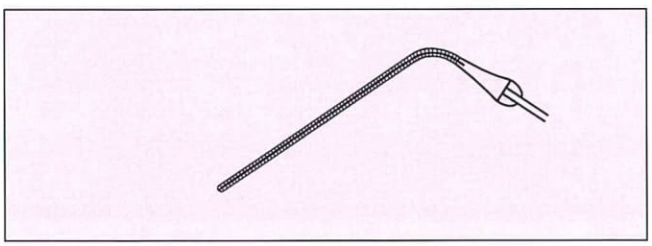
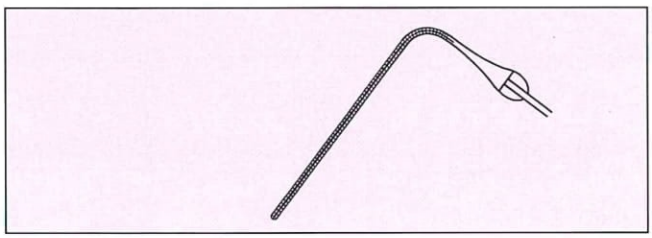
De Bakey — clamp for anastomosis — **61980-04** — 6x10,5 cm - 4"



De Bakey — clamp for anastomosis — **61980-05** — 9x10,5 cm - 4"

7 Titanium Pediatric Instruments.



TIP (Scale 1/1)	SHAPE	REFERENCE
	**Castaneda** clamping forceps (10 grams) : straight	**61981-01** 13 cm - 5.1/4"
	**Castaneda** clamping forceps (10 grams) : 30°	**61981-02** 13 cm - 5.1/4"
	**Castaneda** clamping forceps (10 grams) : 50°	**61981-03** 13 cm - 5.1/4"
	**Castaneda** clamping forceps (10 grams) : 70°	**61981-04** 12 cm - 4.3/4"
	**Castaneda** clamping forceps (10 grams) : 90°	**61981-05** 11 cm - 4.1/4"

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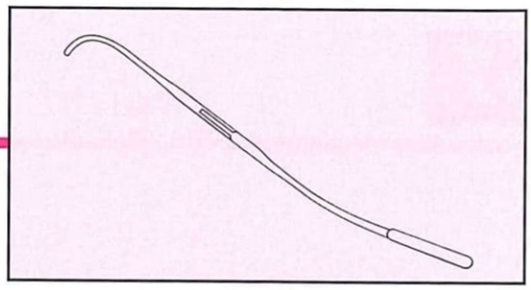
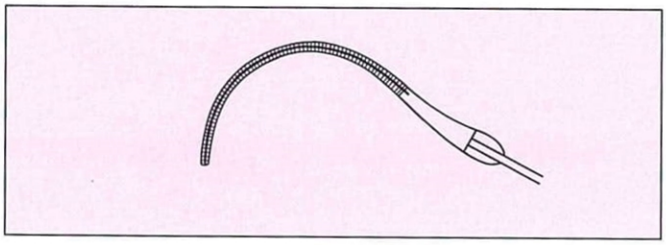
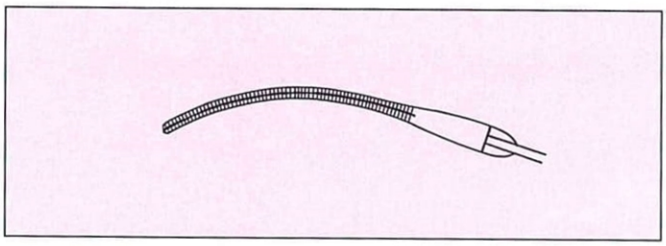


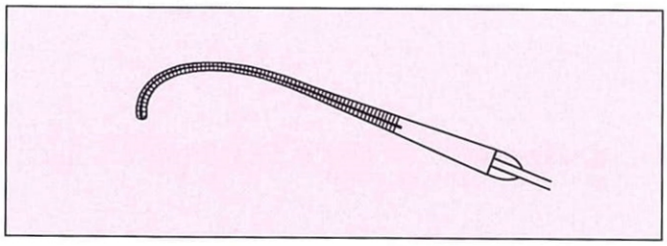
TIP (Scale 1/1)	SHAPE	REFERENCE



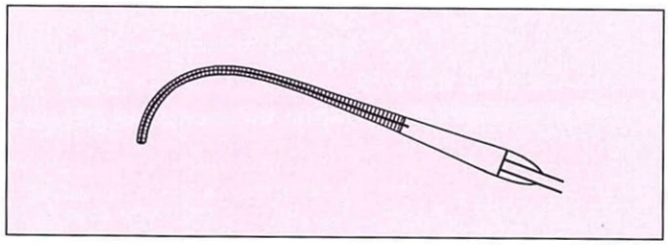
Castaneda
clamping forceps (10 grams)
61982-01
12 cm - 4.3/4"



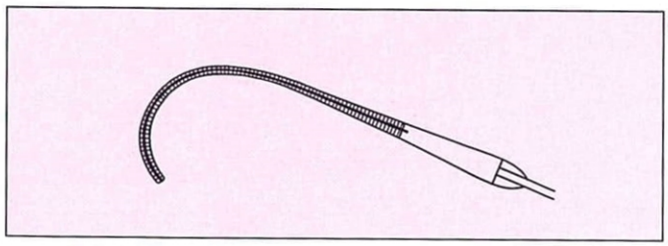
Castaneda
clamping forceps (10 grams)
61982-02
13 cm - 5.1/4"



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"

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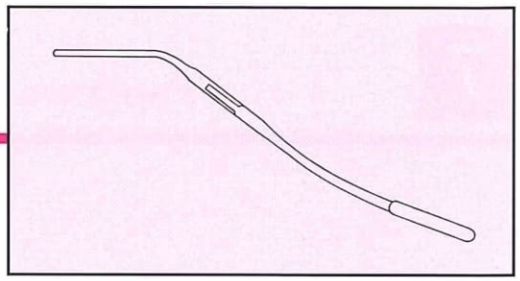
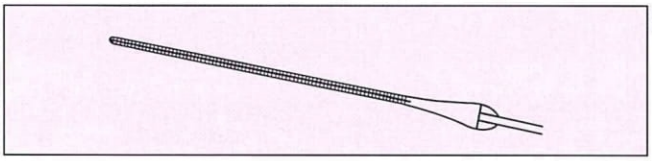
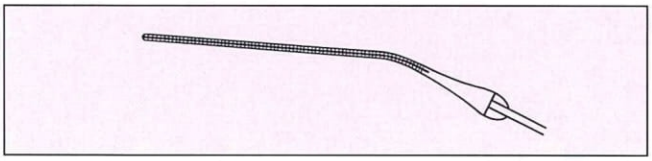
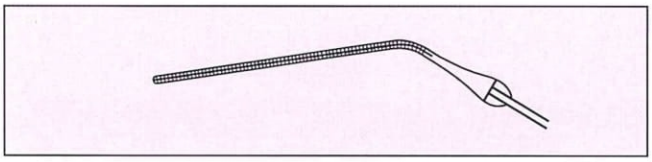
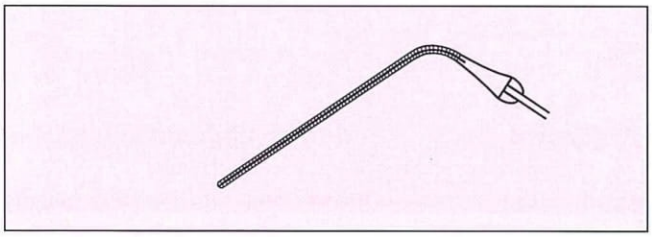
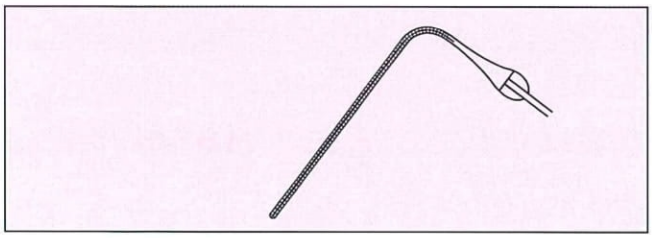


TIP (Scale 1/1)	SHAPE	REFERENCE
	**Castaneda** clamping forceps (15 grams) : straight	**61983-01** 16 cm - 6.1/4"
	**Castaneda** clamping forceps (15 grams) : 30°	**61983-02** 16 cm - 6.1/4"
	**Castaneda** clamping forceps (15 grams) : 50°	**61983-03** 15 cm - 6"
	**Castaneda** clamping forceps (15 grams) : 70°	**61983-04** 15 cm - 6"
	**Castaneda** clamping forceps (15 grams) : 90°	**61983-05** 14 cm - 5.3/4"

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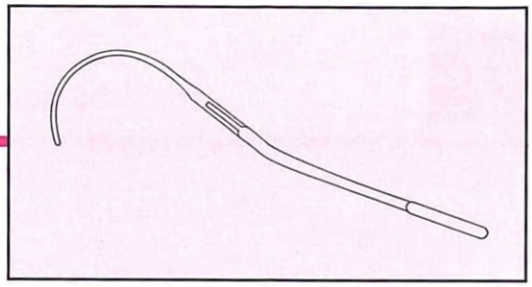
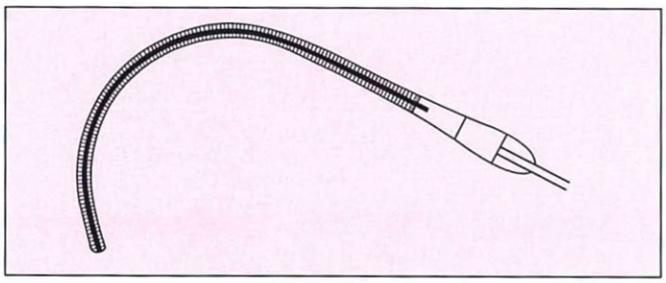
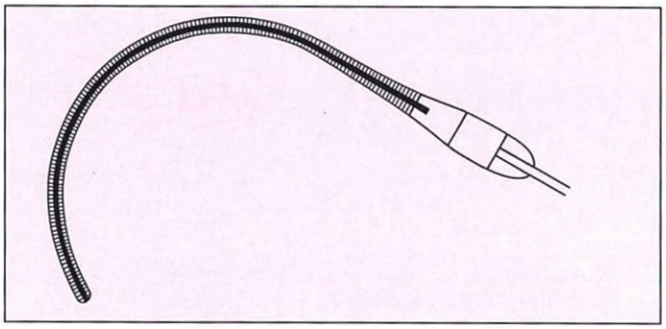
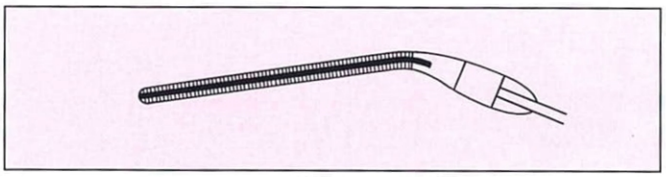
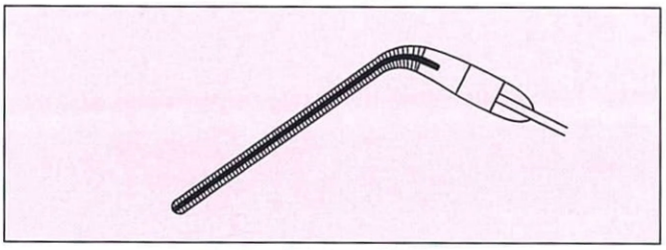
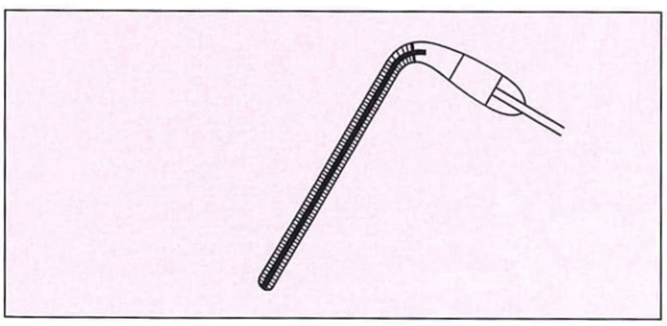
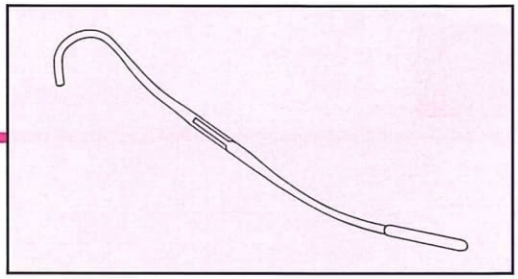
Titanium Pediatric Instruments.

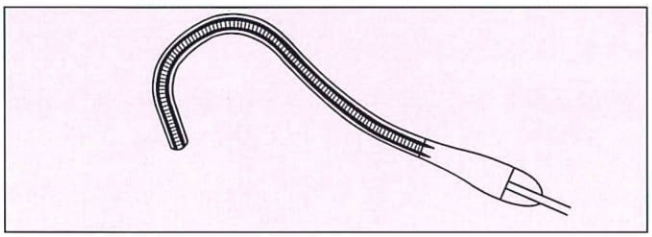
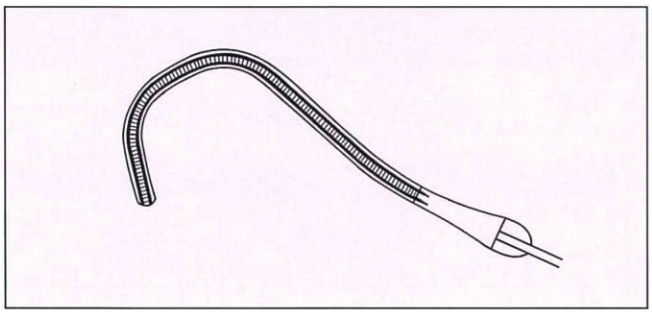
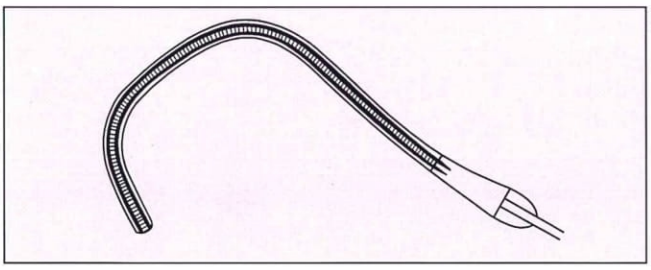
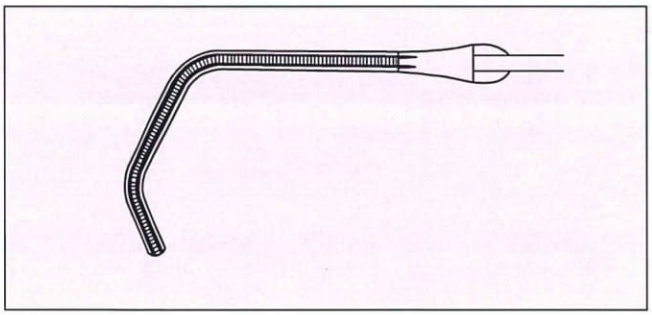
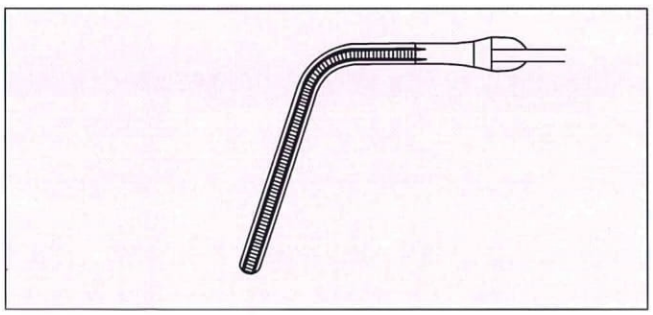


TIP (Scale 1/1)	SHAPE	REFERENCE
	**Cooley** clamping forceps - medium jaws	**61984-01** 16,5 cm - 6.1/2"
	**Cooley** clamping forceps - large jaws	**61984-02** 17 cm - 6.3/4"
	**Cooley** clamping forceps - angle : 30°	**61984-03** 17 cm - 6.3/4"
	**Cooley** clamping forceps - angle : 60°	**61984-04** 16 cm - 6.3/8"
	**Cooley** clamping forceps - angle : 90°	**61984-05** 15 cm - 6"

Redamed

7 Titanium Pediatric Instruments.



TIP (Scale 1/1)	SHAPE	REFERENCE
	**Derra** clamping forceps for anastomosis	**61985-01** 16,5 cm - 6.1/2"
	**Derra** clamping forceps for anastomosis	**61985-02** 17 cm - 6.3/4"
	**Derra** clamping forceps for anastomosis	**61985-03** 18 cm - 7.1/8"
	**Beck** aorta clamping forceps (straight shafts)	**61985-04** 16,5 cm - 6.1/2"
	**Subramanian** aorta clamping forceps	**61985-05** 16 cm - 6.1/4"

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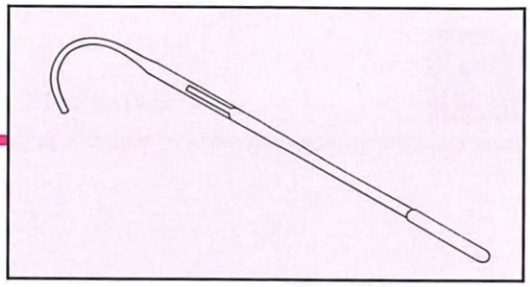
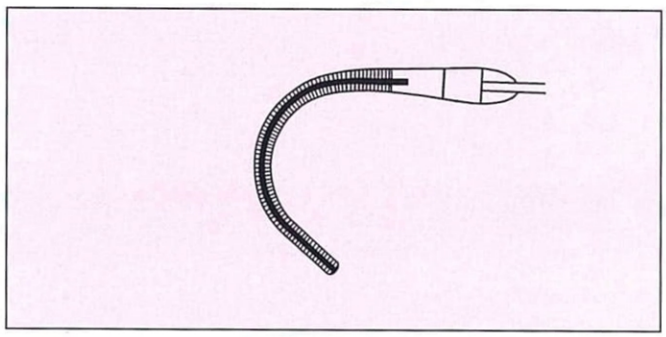
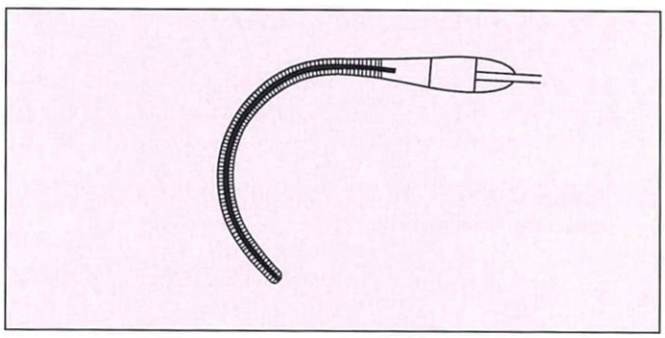
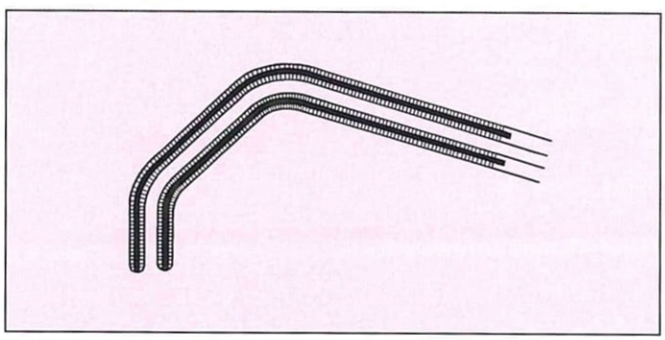
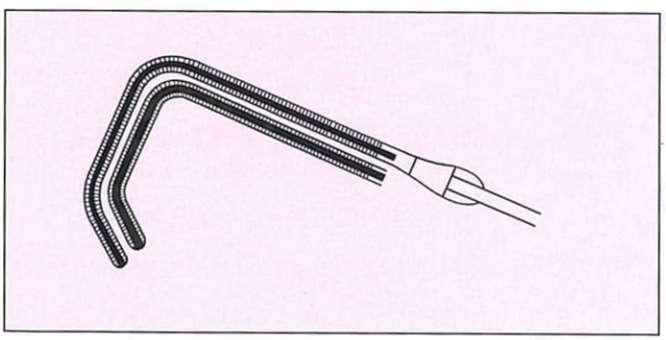
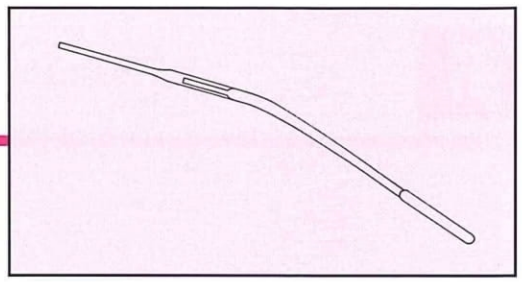
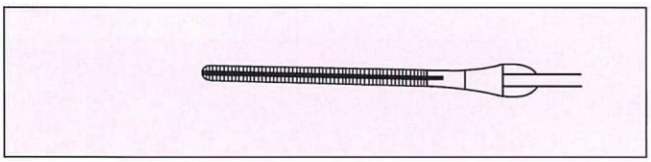
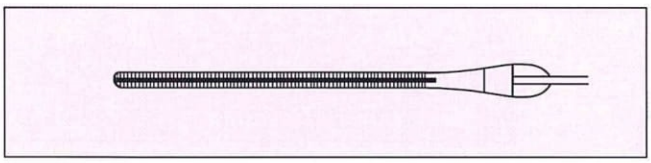
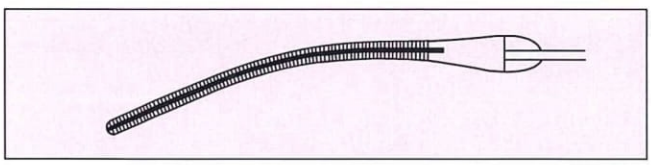
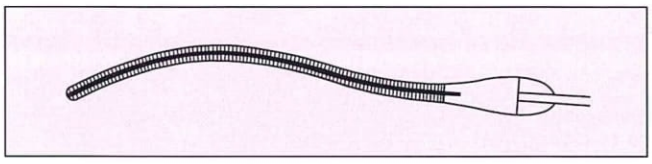
Titanium Pediatric Instruments.



TIP (Scale 1/1)	SHAPE	REFERENCE
	**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"

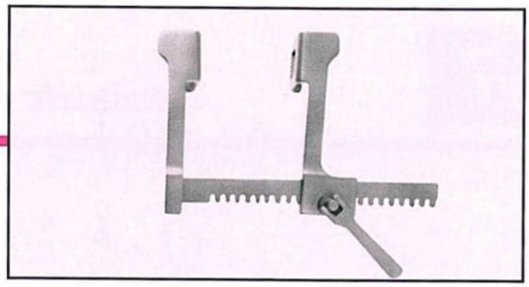
7 Titanium Pediatric Instruments.

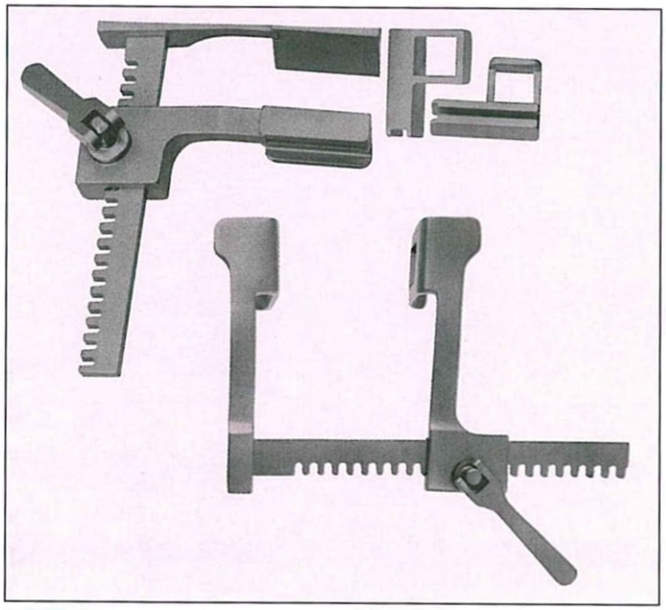
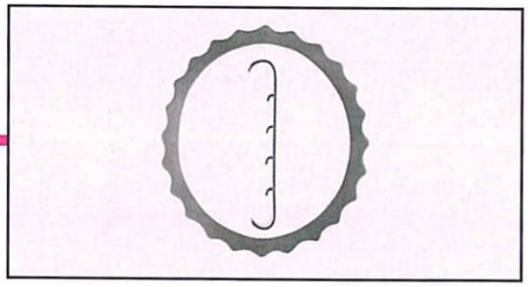
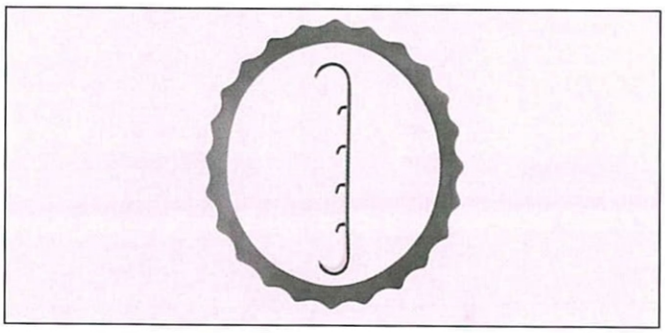
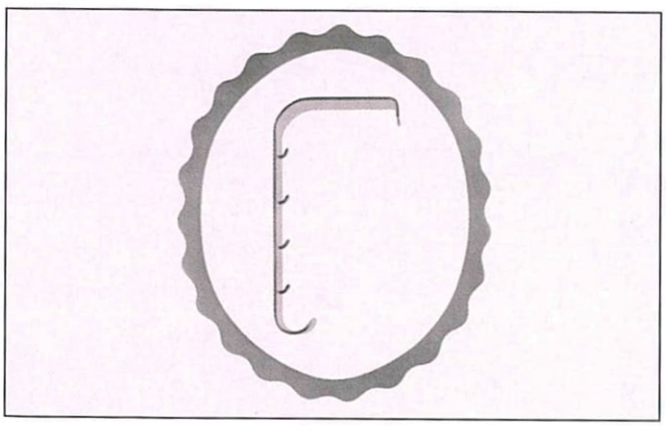


TIP (Scale 1/1)	SHAPE	REFERENCE
	**Cooley** straight shafts - straight jaws	**61987-01** 16 cm - 6.1/4"
	**Cooley** angular shafts - straight jaws	**61987-02** 16 cm - 6.1/4"
	Cooley straight jaws (for coarctation)	**61987-03** 17 cm - 6.3/4"
	**Cooley** angled shanks (for coarctation)	**61987-04** 17 cm - 6.3/4"
	Cooley curved jaws (for coarctation)	**61987-05** 17 cm - 6.3/4"
	**Cooley** spoon-shaped jaws (for coarctation)	**61987-06** 17cm - 6.3/4"

Redamed

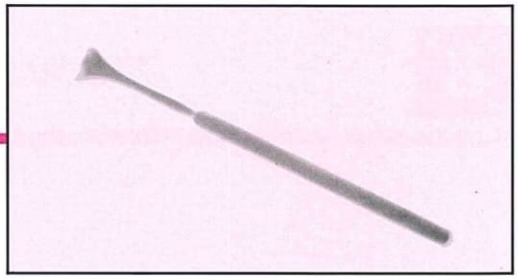
8 Titanium Retractors.

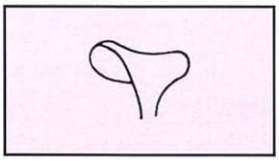
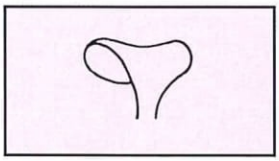
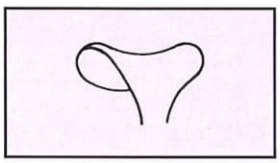
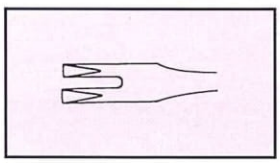
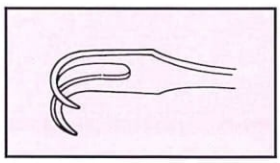
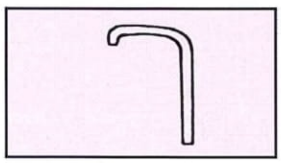
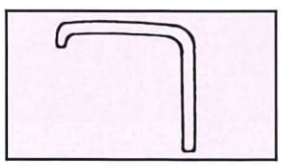


TIP (Scale 1/1)	SHAPE	REFERENCE
	**Sternal spreader** 2 pairs of blades (52 mm)	19955-00
	Finochietto 2 pairs of blades (52 mm)	19957-00
		
	**Denis Browne** 4 blades	19960-00 15 cm - 6"
	**Denis Browne** 4 blades	19961-00 20 cm - 8"
	Denis Browne 2 x 2 blades	19962-00 25 cm - 10"

Redamed

8 Titanium Retractors.



TIP (Scale 1/1)	SHAPE	REFERENCE
	**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"

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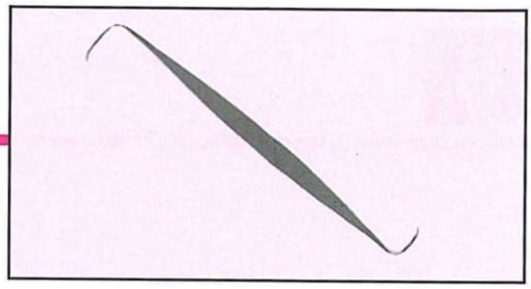
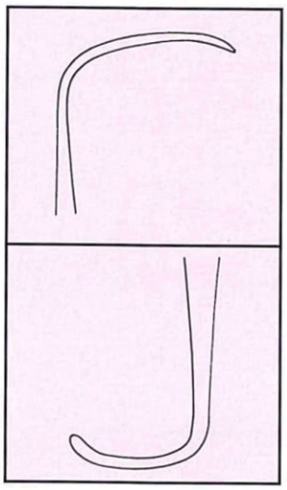
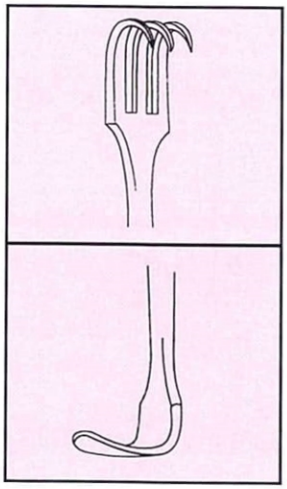
8 Titanium Retractors.



TIP (Scale 1/1)	SHAPE	REFERENCE
	Ragnell	19975-01 14,5 cm - 5.3/4"
	Senn	19976-01 15 cm - 6"

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