



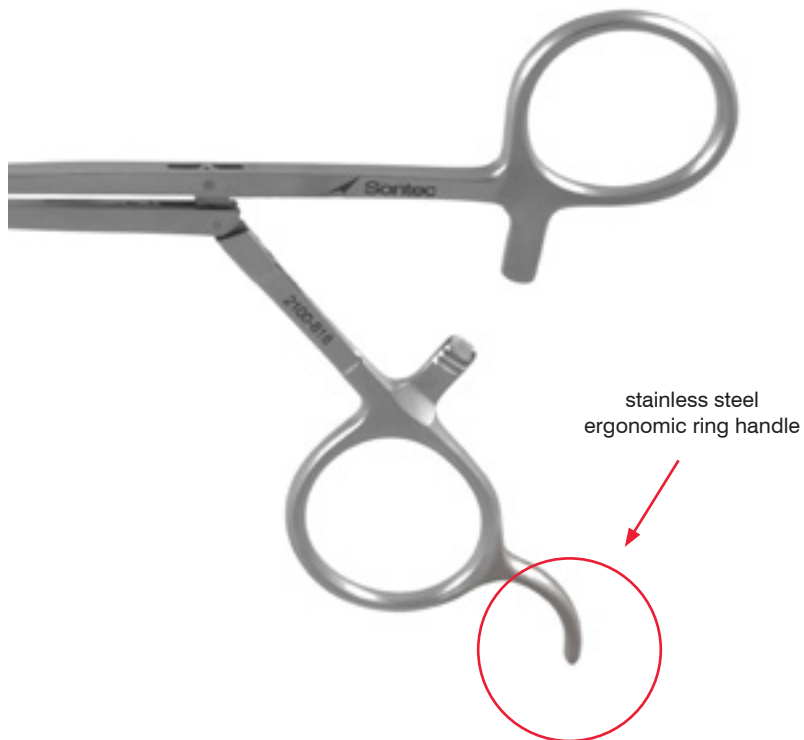
 Sontec Instruments®

V.A.T.S. / VIDEO-ASSISTED THORACIC SURGERY

## V.A.T.S. Ring Handle Ratchet Designs

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Please verify at the time of ordering which style is preferred.



## V.A.T.S. Ring Handle Designs

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Please verify at the time of ordering which style is preferred.



needle holder  
handle



scissors handle  
"oval" rings

## V.A.T.S. Classic DeBakey Clamp

**Curved / 50 mm / 1 x 2 Debakey Jaw / 13" (33 cm)**

2100-685 without ratchet  
2100-686 with ratchet

**Curved / 80 mm / 1 x 2 Debakey Jaw / 14" (36 cm)**

2100-687 with ratchet

**Curved / with ratchet / 80 mm / 2 x 3 Debakey Jaw / 14" (36 cm)**

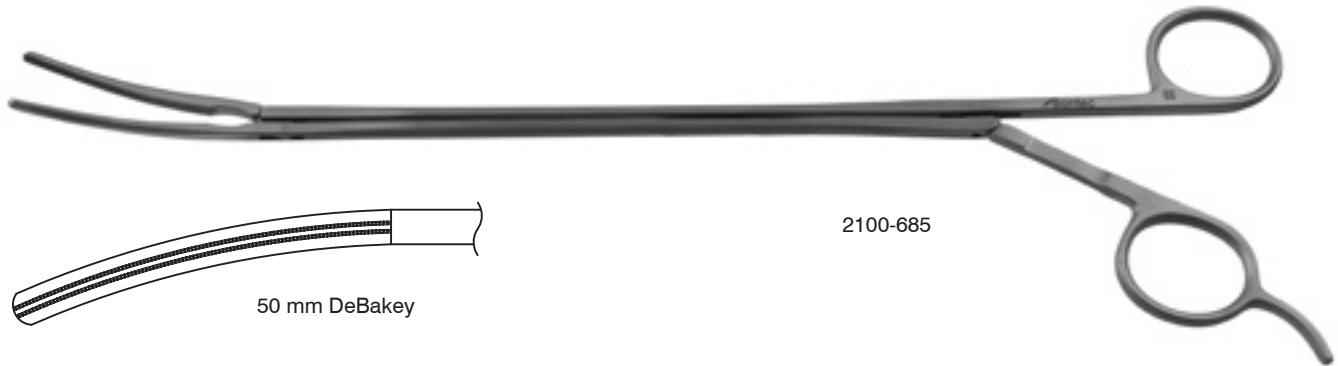
2100-688 with ratchet  
2100-6881 without ratchet



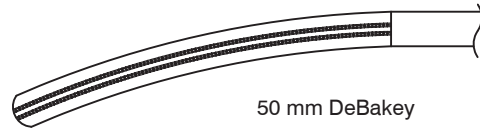
1x2



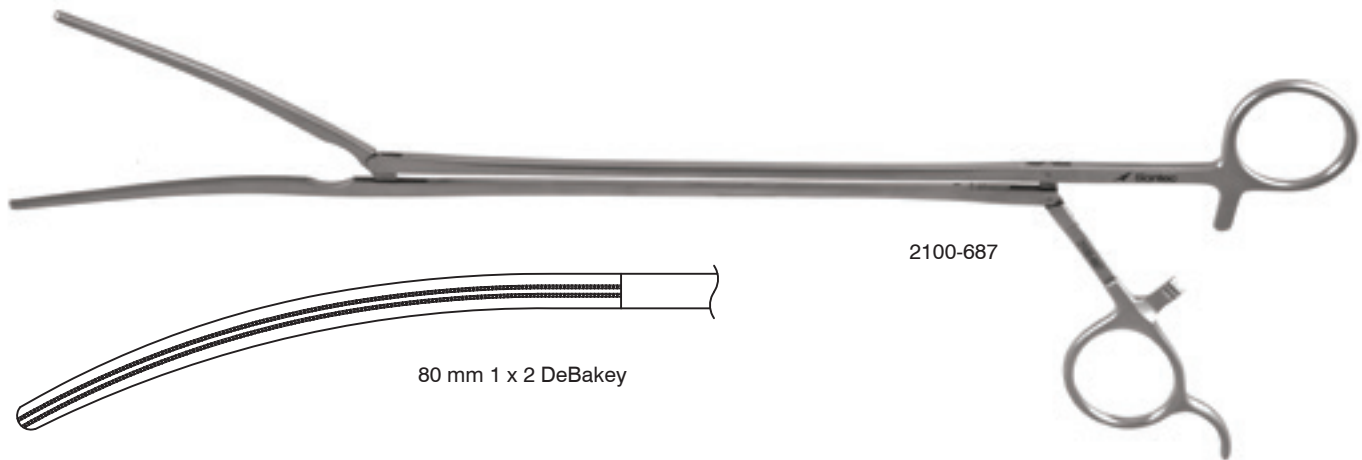
2x3



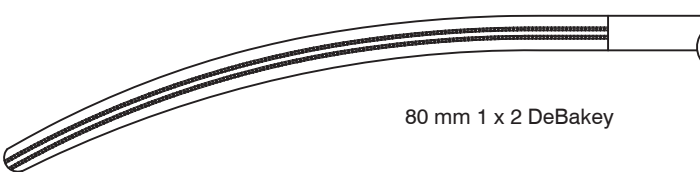
2100-685



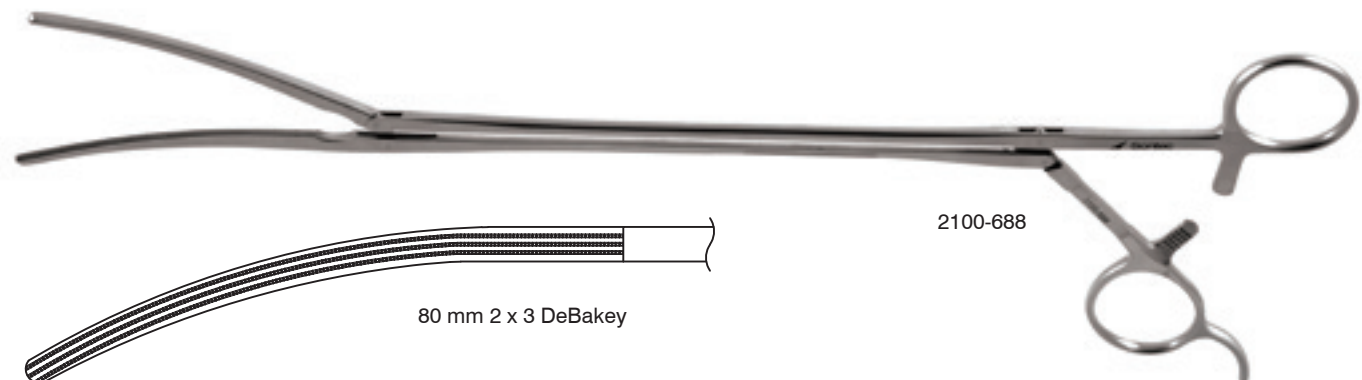
50 mm DeBakey



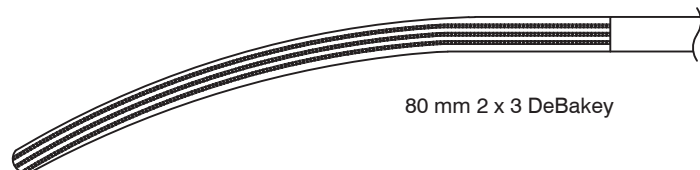
2100-687



80 mm 1 x 2 DeBakey



2100-688

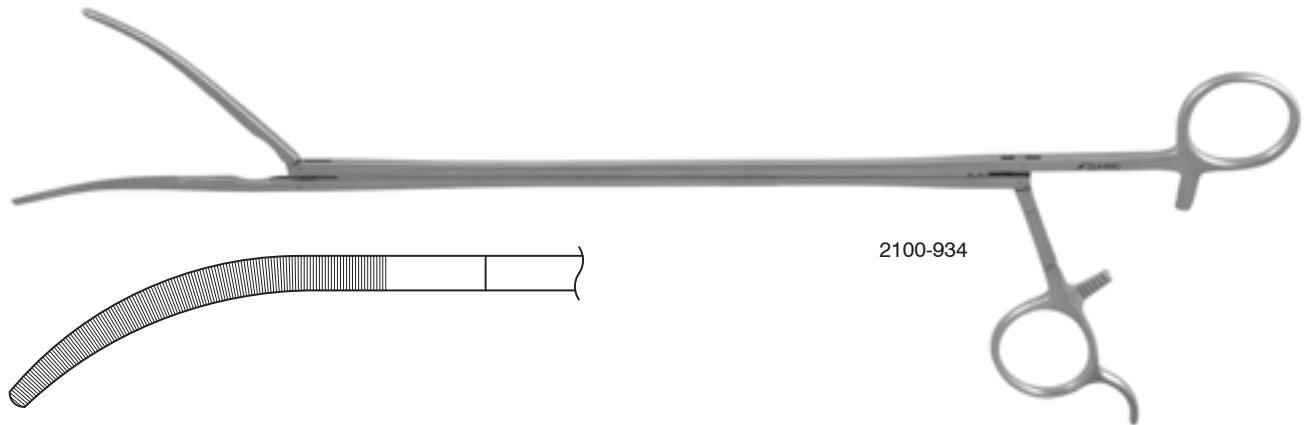


80 mm 2 x 3 DeBakey

## V.A.T.S. Geissendorfer Dissecting Forceps

Curved / serrated jaw / delicate 3.0 mm tip / 14" (36.7 cm)

2100-933 without ratchet  
2100-934 with ratchet



## V.A.T.S. Dissecting Forceps

Curved / serrated jaw / heavy 4.0 mm tip / 13" (33 cm)

2100-935A without ratchet  
2100-935 with ratchet



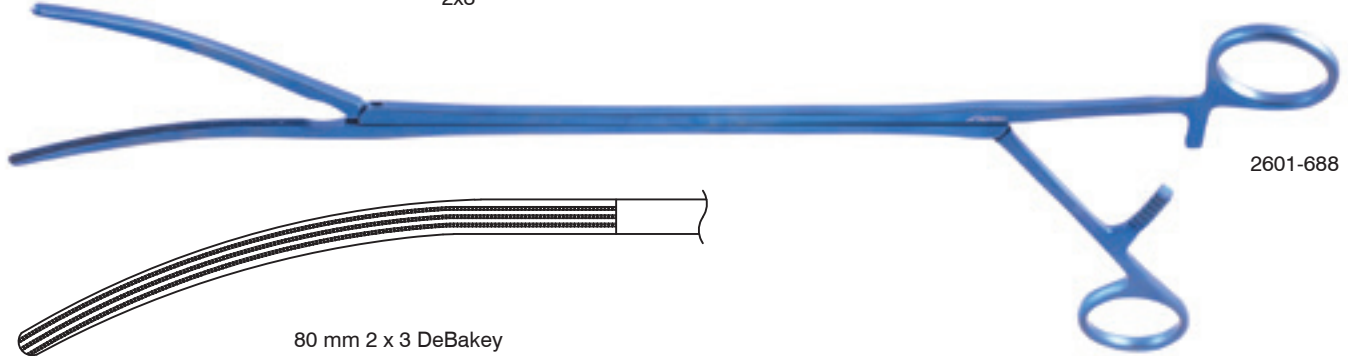
## V.A.T.S. Classic DeBakey Clamp Titanium

Curved / 2x3 DeBakey jaw

2601-688 80 mm 14" (36.0 cm)



2x3



80 mm 2 x 3 DeBakey

2601-688

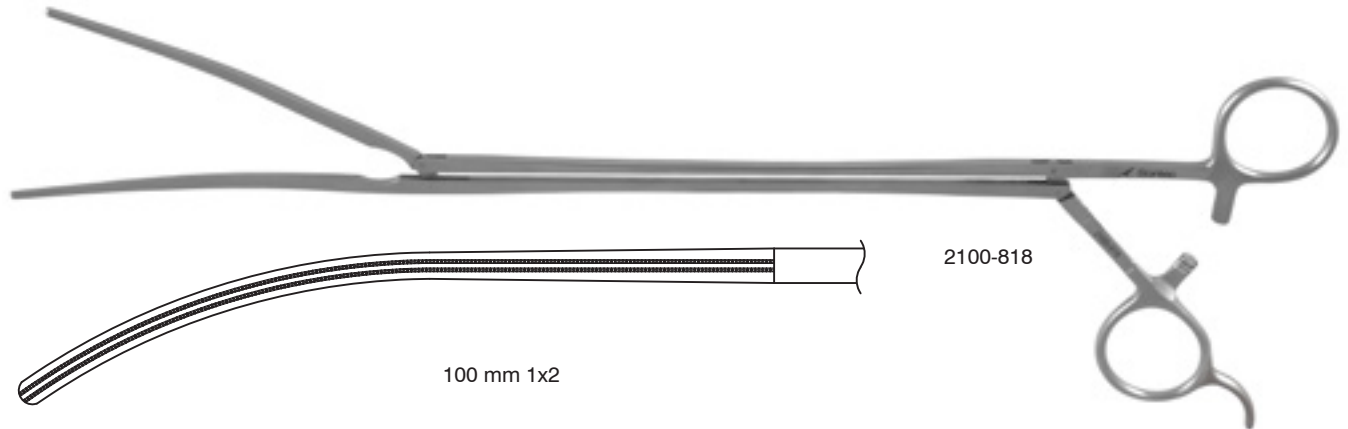
## V.A.T.S. Classic Delicate DeBakey Clamp

1x2 DeBakey jaw / 100 mm / with ratchet / 15" (38 cm)

2100-818 curved  
2100-819 straight

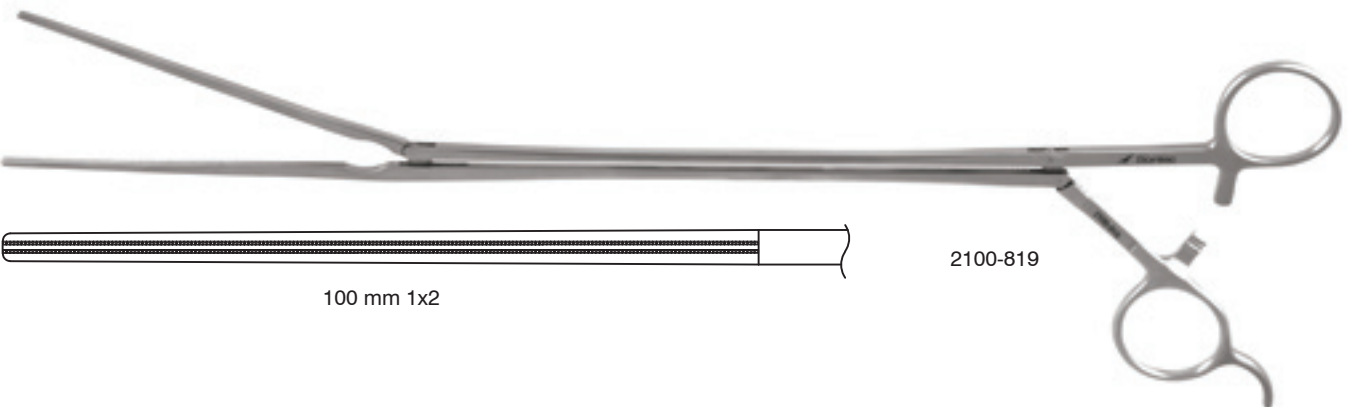


1x2



100 mm 1x2

2100-818



100 mm 1x2

2100-819

## V.A.T.S. Mixer DeBakey Clamp

Right angle 90° / 1x2 DeBakey jaws / without ratchet / 13" (33 cm)

2100-771 20 mm  
2100-772 45 mm



1x2



2100-771

20 mm 1x2



2100-772

45 mm 1x2

## V.A.T.S. DeBakey Slider Dissecting Clamp

Curved jaw / 5 mm shaft / 11 1/2" (29 cm)

2100-778 without ratchet 1x2 teeth

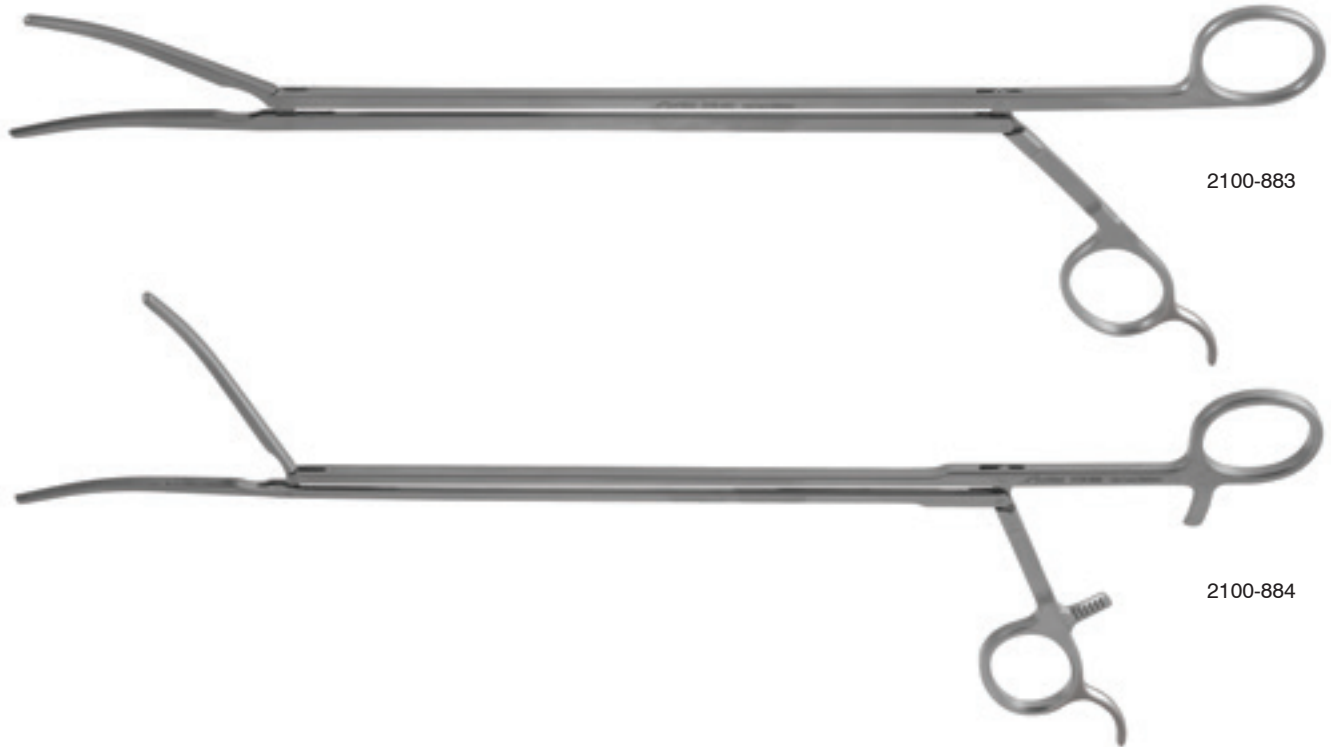


2100-778

## V.A.T.S. Dissecting Clamp

### Curved jaw / 13" (33 cm)

|          |                 |            |             |
|----------|-----------------|------------|-------------|
| 2100-883 | without ratchet | 110 mm jaw | 10 mm shaft |
| 2100-884 | with ratchet    | 105 mm jaw | 7 mm shaft  |



## V.A.T.S. Slider Clamp

### 90° angled jaw / 10 mm shaft / 13 1/2" (34 cm)

|            |                 |                                 |
|------------|-----------------|---------------------------------|
| 2100-774   | without ratchet | longitudinal teeth              |
| 2100-774CR | with ratchet    | longitudinal and serrated teeth |





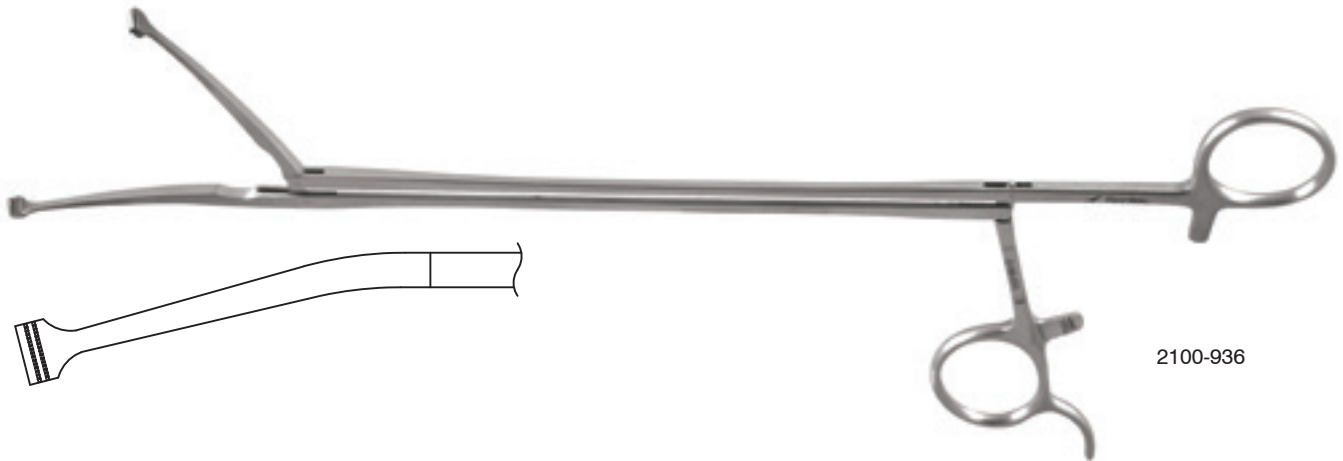
## Sontec V.A.T.S. Allis Debakey Clamp

Atraumatic clamp / curved left / with ratchet

|           |           |                |           |                 |
|-----------|-----------|----------------|-----------|-----------------|
| 2100-936  | 67 mm jaw | 8.2 mm jaw tip |           | 13 3/8" (34 cm) |
| 2100-936S | 70 mm jaw | 7.2 mm jaw tip | 5x6 teeth | 13" (33 cm)     |



1x2



2100-936



2100-936S

## Ciradur DeBakey Tissue Forceps

Y-grip / 4.5 mm

27921-05-000 12" (30.5 cm)



27921-05-000

## V.A.T.S. Harken DeBakey Clamp

**Medium curve / 1 x 2 DeBakey Jaw / 10 mm jaw  
/ 13.5" (34.5 cm)**

2100-820 without ratchet  
2100-820R with ratchet



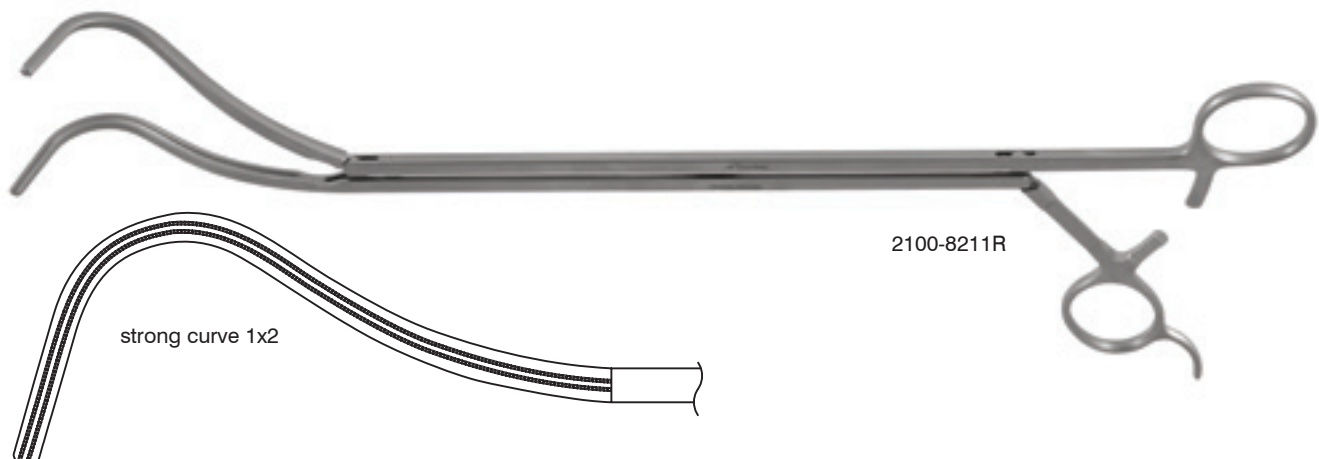
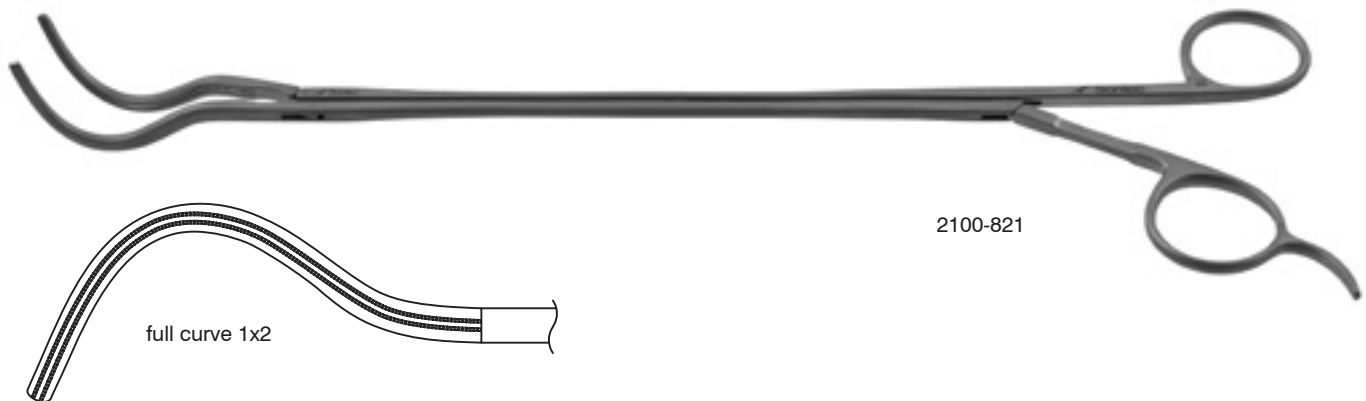
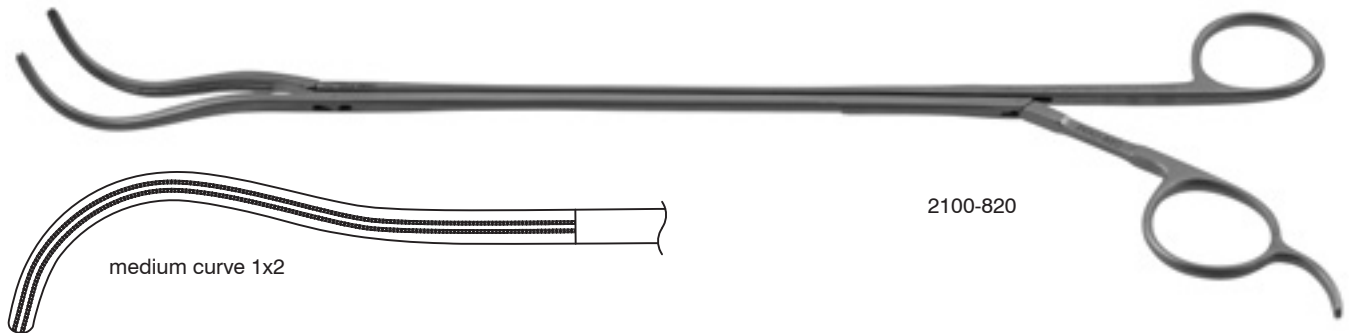
1x2

**1x2 DeBakey jaw / full curve / 13.25" (34 cm)**

2100-821 without ratchet  
2100-821R with ratchet

**Strong curve / 1x2 DeBakey jaw / 14" (35.7 cm)**

2100-8211 without ratchet  
2100-8211R with ratchet



## V.A.T.S. DeBakey-Satinsky Clamp

Atraumatic jaws / double angled / with ratchet / curved handle

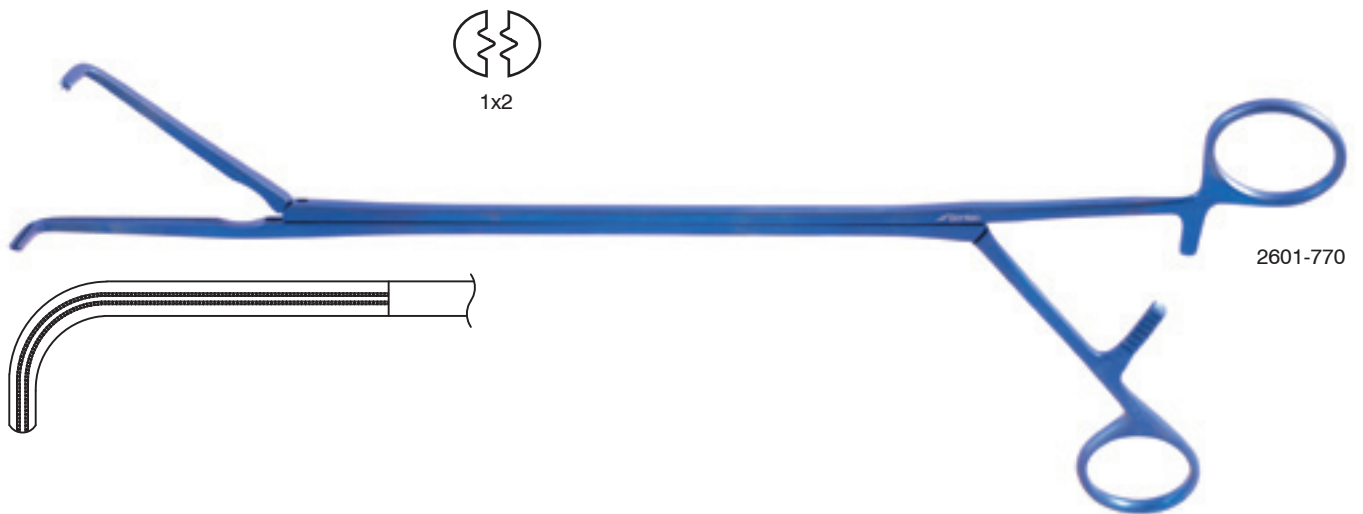
2100-786 12 1/2" (31.8 cm)



## V.A.T.S. Mixter DeBakey Clamp Titanium

Right angle 90° / 1x2 DeBakey jaw / with ratchet / 13" (33 cm)

2601-770 20 mm



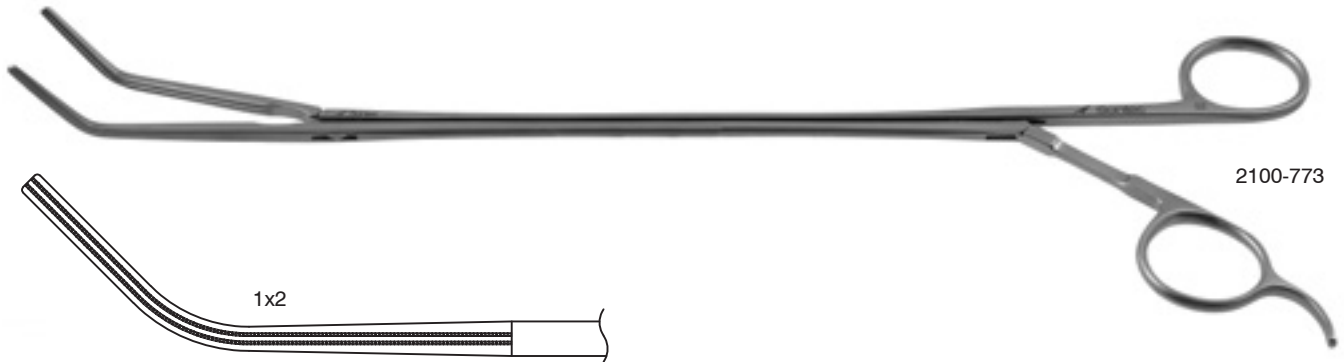
## V.A.T.S. Mixer DeBakey Clamp

45° angle / 1x2 DeBakey / without ratchet / 13.5" (34.3 cm)

2100-773



1x2

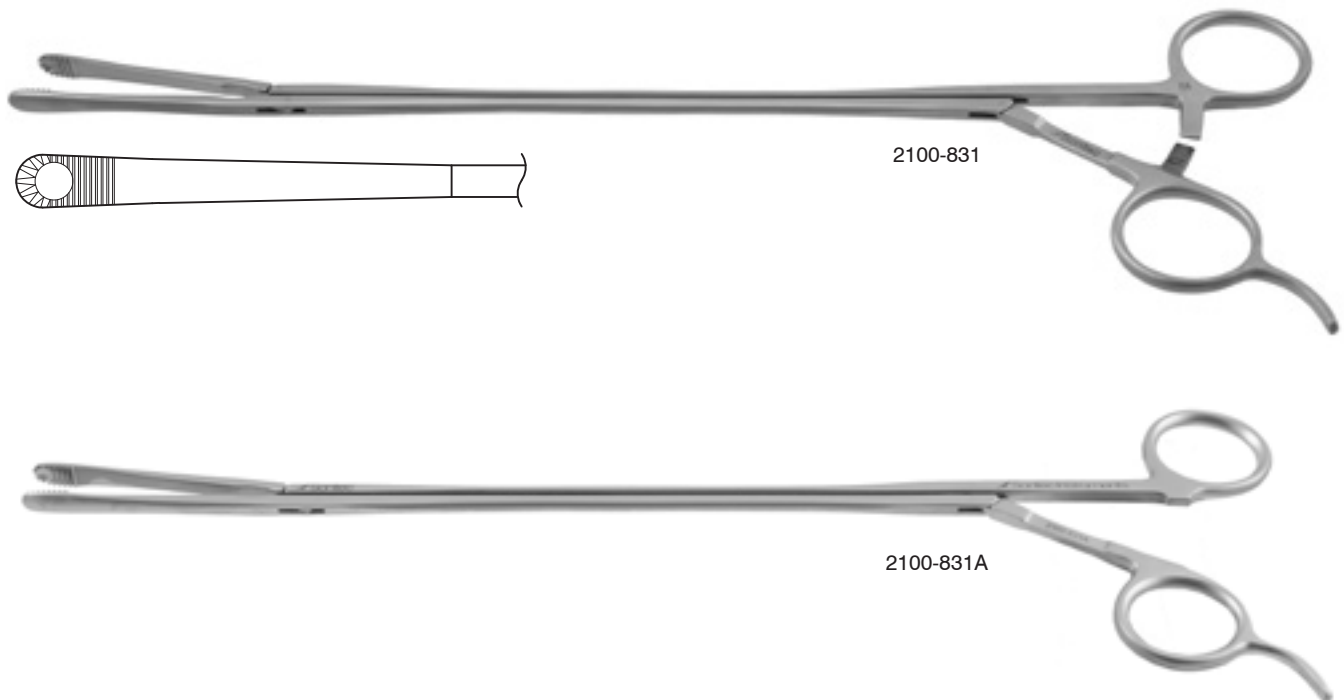


## V.A.T.S. Russian Forceps

Tapered jaw / straight / 13" (33.5 cm)

2100-831 with ratchet

2100-831A without ratchet



## V.A.T.S. DeBakey Forceps

Fenestrated ring tip / with ratchet / 20 mm  
/ 14" (35.6 cm)

20819-05



20819-05

## V.A.T.S. DeBakey Forceps

2x3 teeth / with ratchet / 85 mm curved /  
14 1/2" (36 cm)

20821-34



20821-34

## Micasept Organ Grasping Forceps

Wide / with Hegar ratchet / fenestrated / straight Ø6.0 mm  
/ 300 mm working length

20919-03-014



20919-03-014

## V.A.T.S. Foerster Clamp

**Curved left / 10x19 mm oval jaw / 13" (33 cm)**

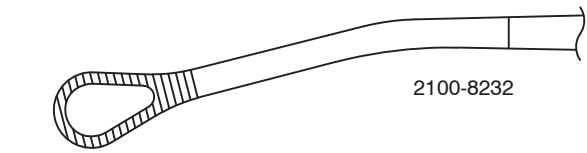
2100-8232 with ratchet

**Curved left / 13.5" (34.3 cm)**

|            |                     |                 |
|------------|---------------------|-----------------|
| 2100-8238  | 9 x 21 mm oval jaw  | with ratchet    |
| 2100-8238A | 9 x 21 mm oval jaw  | without ratchet |
| 2100-8234  | 20 x 34 mm oval jaw | with ratchet    |
| 2100-8234A | 20 x 30 mm jaw      | without ratchet |

**Curved left / 12x24 mm oval jaw / 13.75" (35 cm)**

|           |                 |
|-----------|-----------------|
| 2100-823  | with ratchet    |
| 2100-8231 | without ratchet |



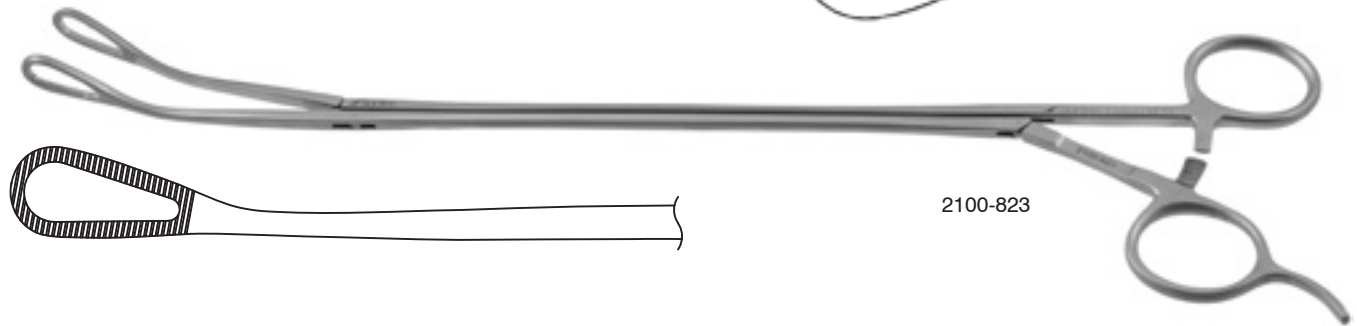
2100-8232



2100-8238



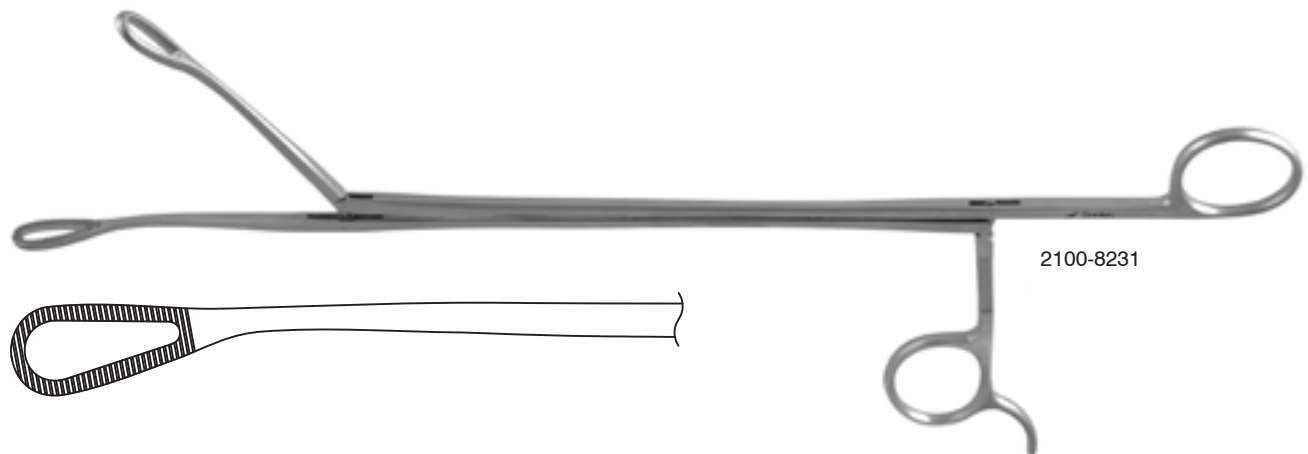
2100-8234



2100-823



2100-8238A



2100-8231

## V.A.T.S. Foerster Clamp

Curved left / with ratchet / 13 1/4" (33.5 cm)

2100-8236 6x11 mm oval jaw 3 mm tip in top view

2100-8235 6x11 mm oval jaw 5 mm tip in top view



2100-8235



2100-8236

## V.A.T.S. Foerster DeBakey Clamp

Curved left / 20 mm jaw / 1x2 DeBakey / with ratchet / 15" (38 cm)

2100-8245

2601-8245 titanium



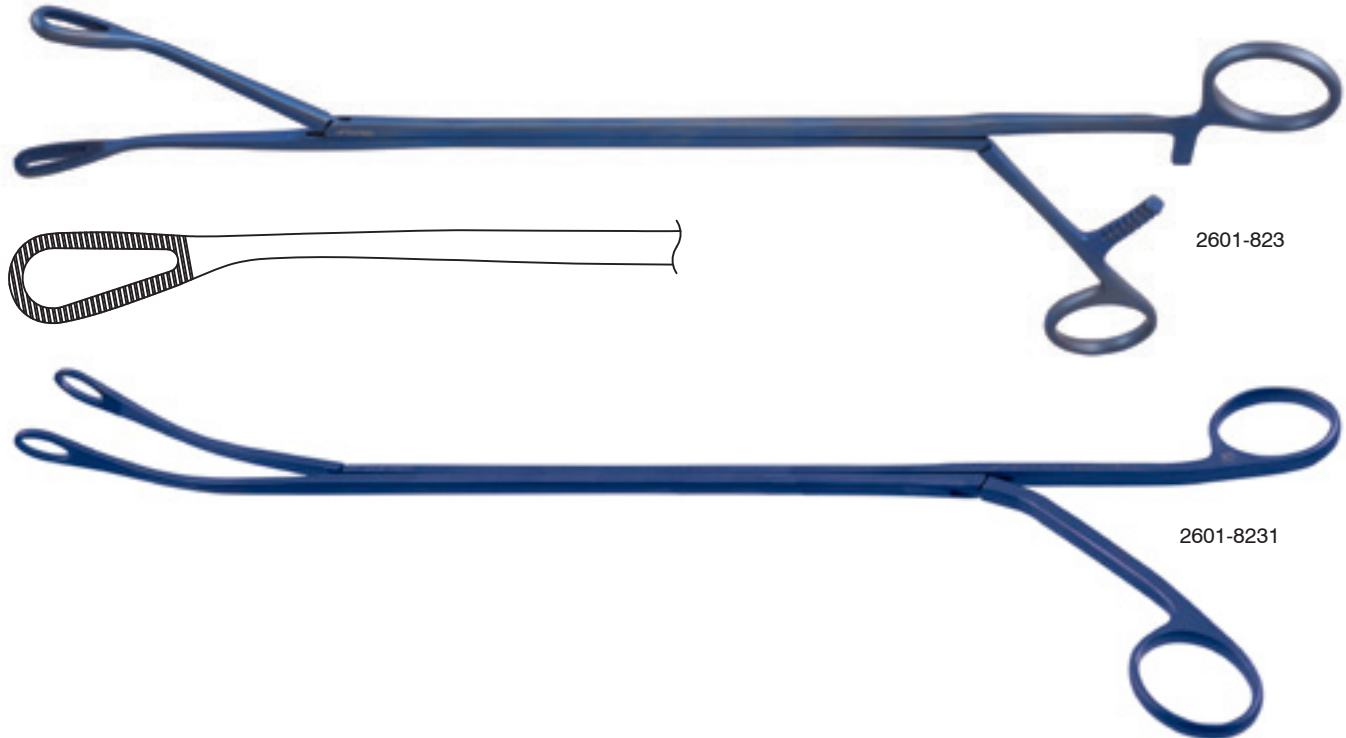
1x2



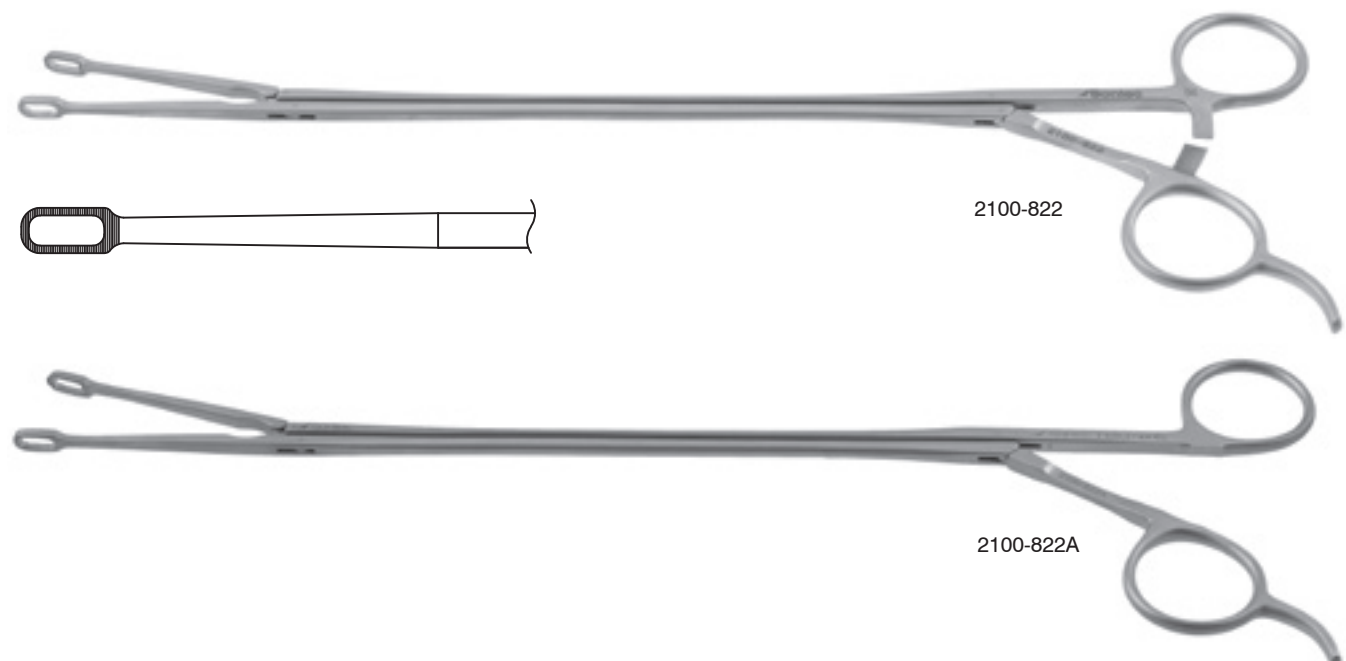
2100-8245

**V.A.T.S. Foerster Clamp Titanium****Curved left / 12x24 mm oval jaw / 13.75" (35 cm)**

2601-823 with ratchet  
2601-8231 without ratchet

**V.A.T.S. Single-Tuttle Lung Grasping Forceps****6 mm oblong jaw / 13" (33.5 cm)**

2100-822 with ratchet  
2100-822A without ratchet

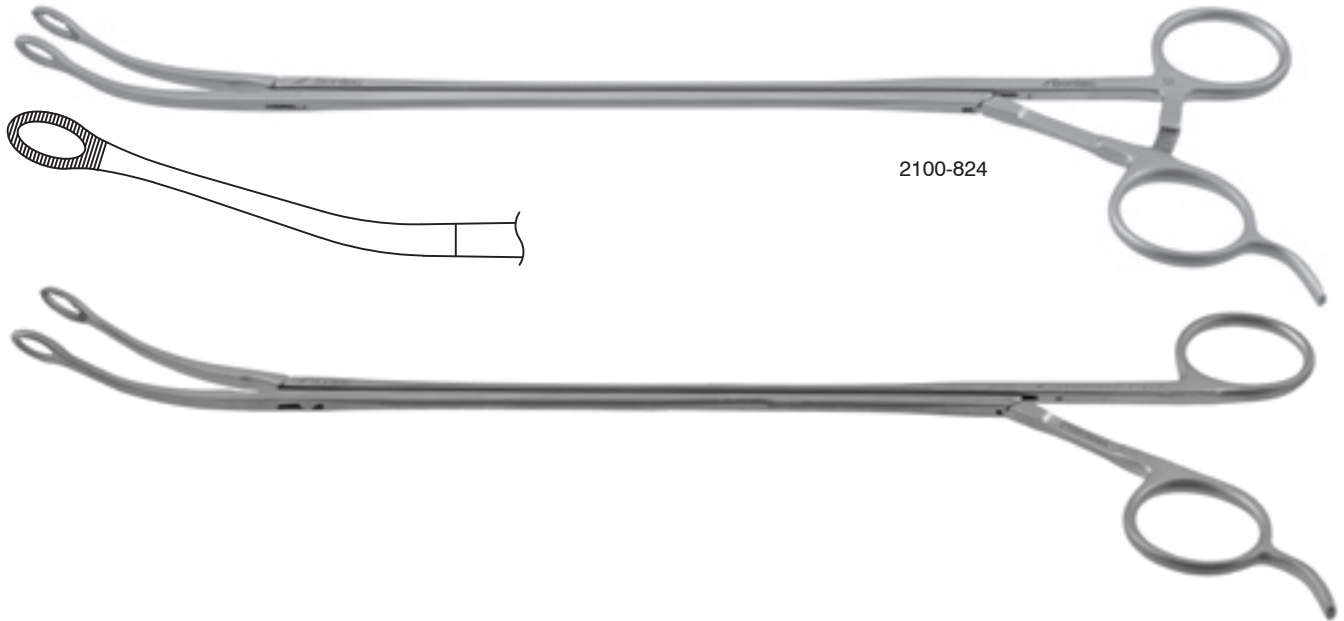




## V.A.T.S. Foerster Clamp

Curved left / 6 mm x 12 mm oval  
jaw / 13.25" (33.6 cm) / mini ring

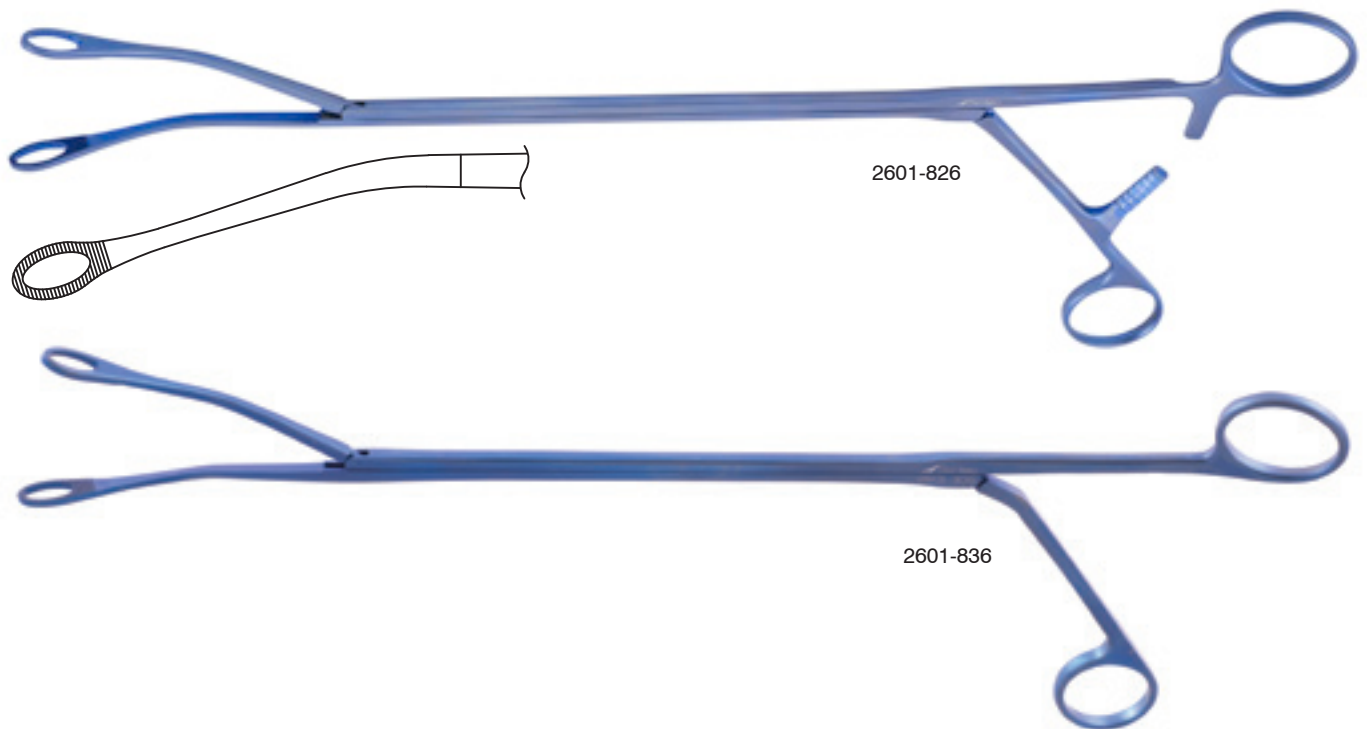
2100-824 with ratchet  
2100-824A without ratchet



## V.A.T.S. Foerster Clamp Titanium

Curved left / 6x12 mm oval jaw / ergonomic  
handle / 13.25" (33.6 cm)

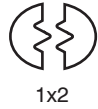
2601-826 with ratchet  
2601-836 without ratchet



## V.A.T.S. Duval Clamp

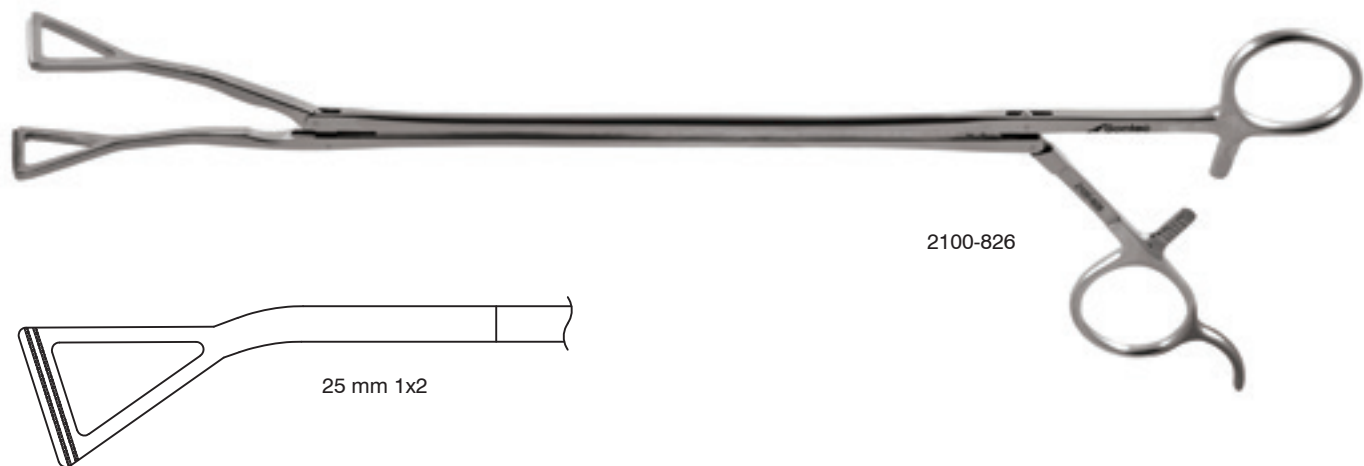
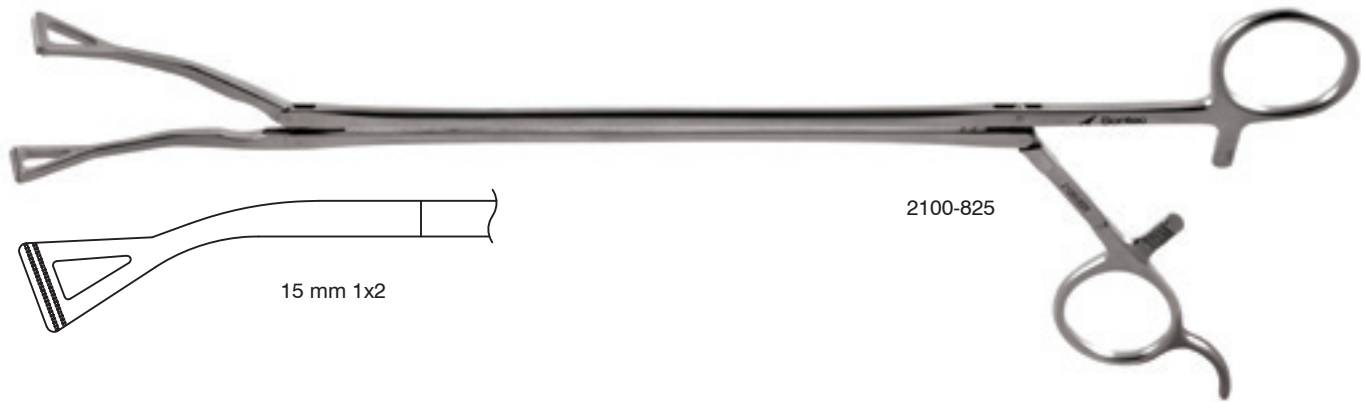
**Curved left / 1 x 2 DeBakey jaws /  
15 mm / 13" (33 cm)**

2100-825 with ratchet  
2100-825A without ratchet



**Curved left / 1 x 2 DeBakey jaws /  
25 mm / 13.5" (34 cm)**

2100-826 with ratchet  
2100-826A without ratchet



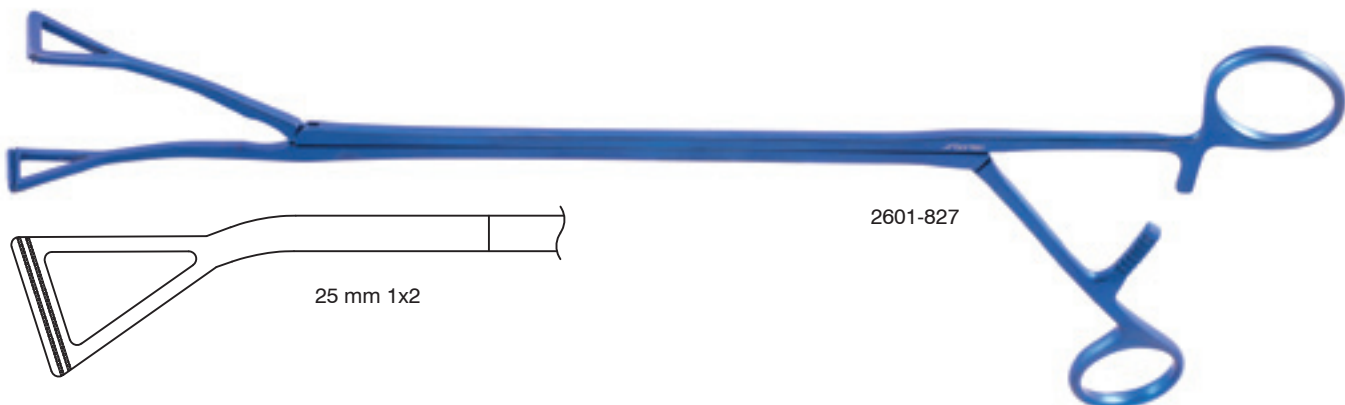
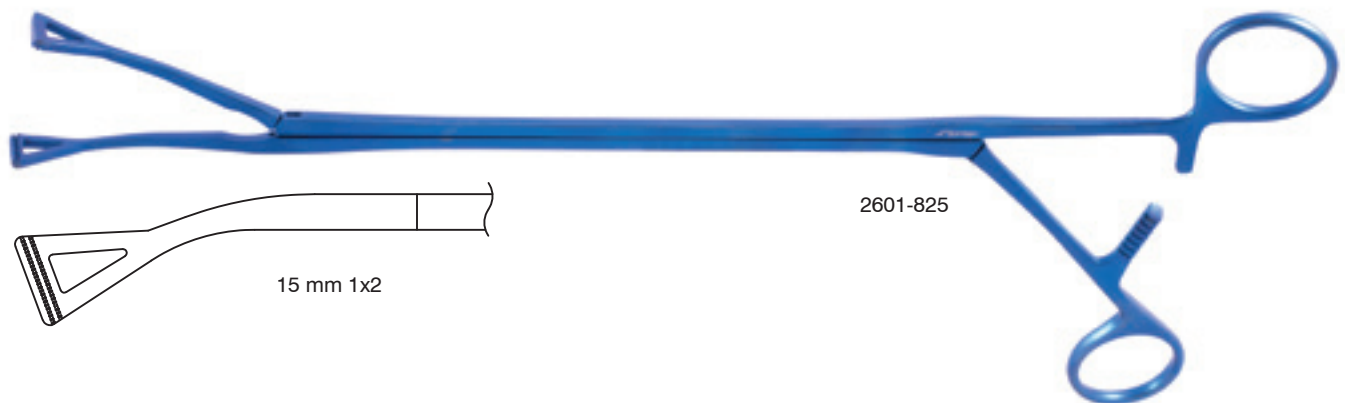
## V.A.T.S. Duval Clamp Titanium

Curved left / 1 x 2 DeBakey jaws / with  
ratchet / 13" (33 cm)

2601-825 15 mm

Curved left / 1 x 2 DeBakey jaws / with  
ratchet / 13.5" (34 cm)

2601-827 25 mm



## V.A.T.S. Mayo-Hegar Needle Holder

TC insert / with ratchet / 10 mm shaft / 11 1/4" (28.6 cm)

2300-900 straight  
2300-902 curved



## V.A.T.S. Mayo Needle Holder

Straight / TC insert / with ratchet / 10 mm shaft / 13" (33 cm)

2300-904 13" (34 cm)



## Crile Wood Needle Holder

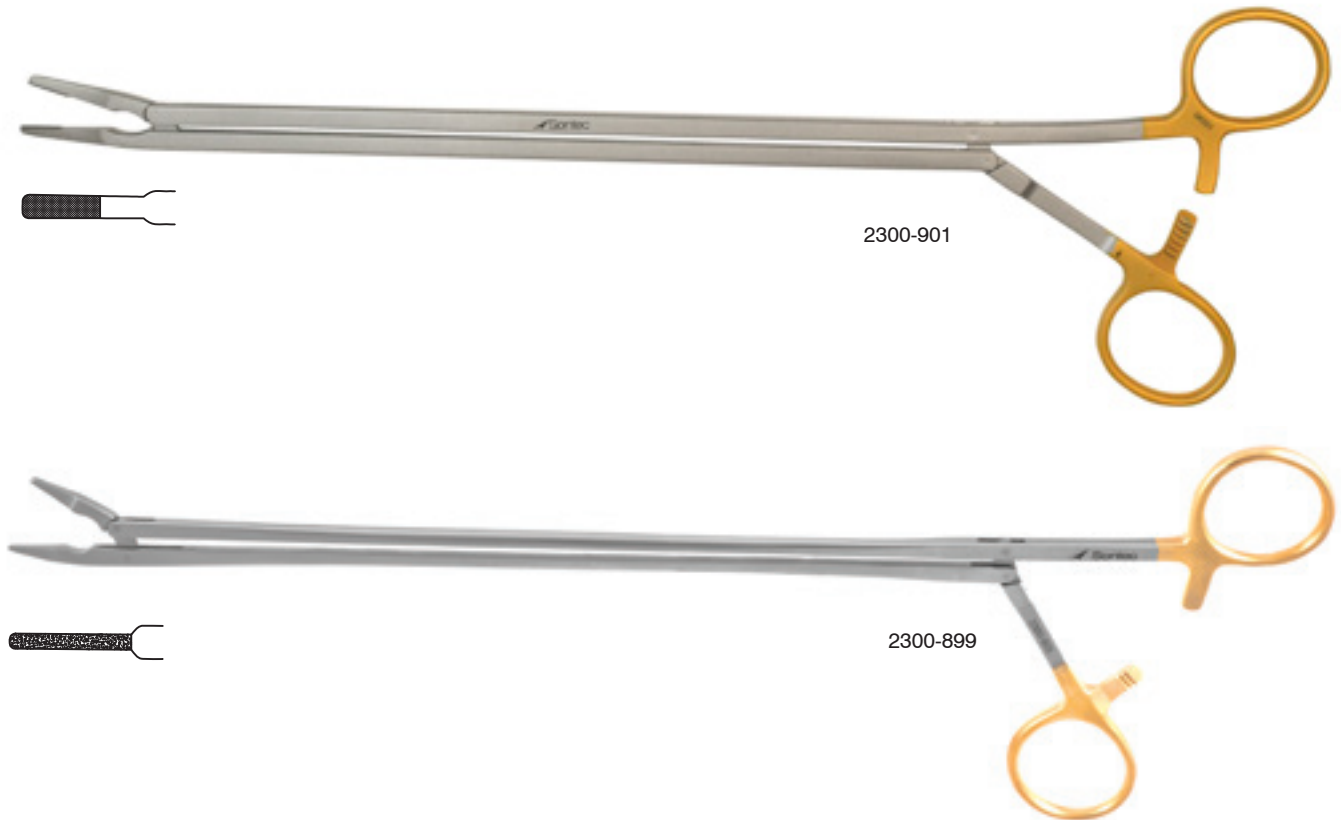
With ratchet / TC insert / 12" (30.5 cm)

20818-05 straight  
20818-06 curved



**V.A.T.S. Ryder Fine Needle Holder****Straight / with ratchet / 11 1/4" (28.6 cm)**

|          |           |          |
|----------|-----------|----------|
| 2300-901 | TC insert | 3 mm tip |
| 2300-899 | TC dust   | 2 mm tip |

**V.A.T.S. Ryder Fine Needle Holder****Straight / with ratchet / 13" (33 cm)**

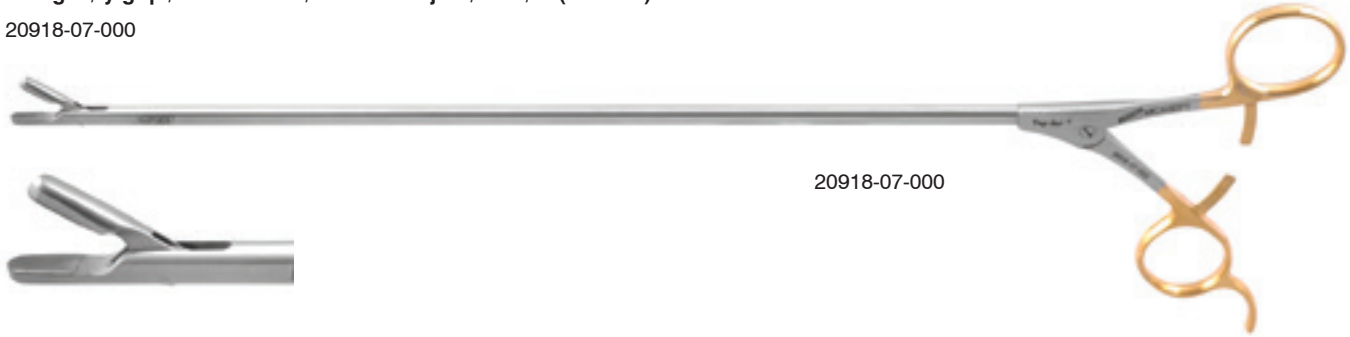
|          |           |          |
|----------|-----------|----------|
| 2300-905 | TC insert | 3 mm tip |
| 2300-903 | TC dust   | 2 mm tip |



## V.A.T.S.-MICS TOP-DUR Needle Holder

Straight / y-grip / with ratchet / short wide jaw / 15 1/2" (39.4 cm)

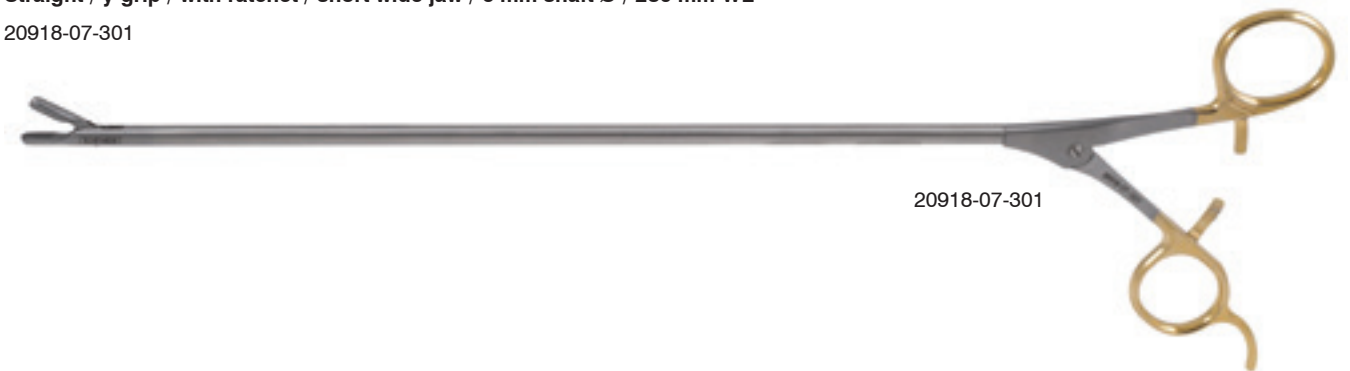
20918-07-000



## TOP DUR Needle Holder

Straight / y-grip / with ratchet / short wide jaw / 6 mm shaft Ø / 280 mm WL

20918-07-301

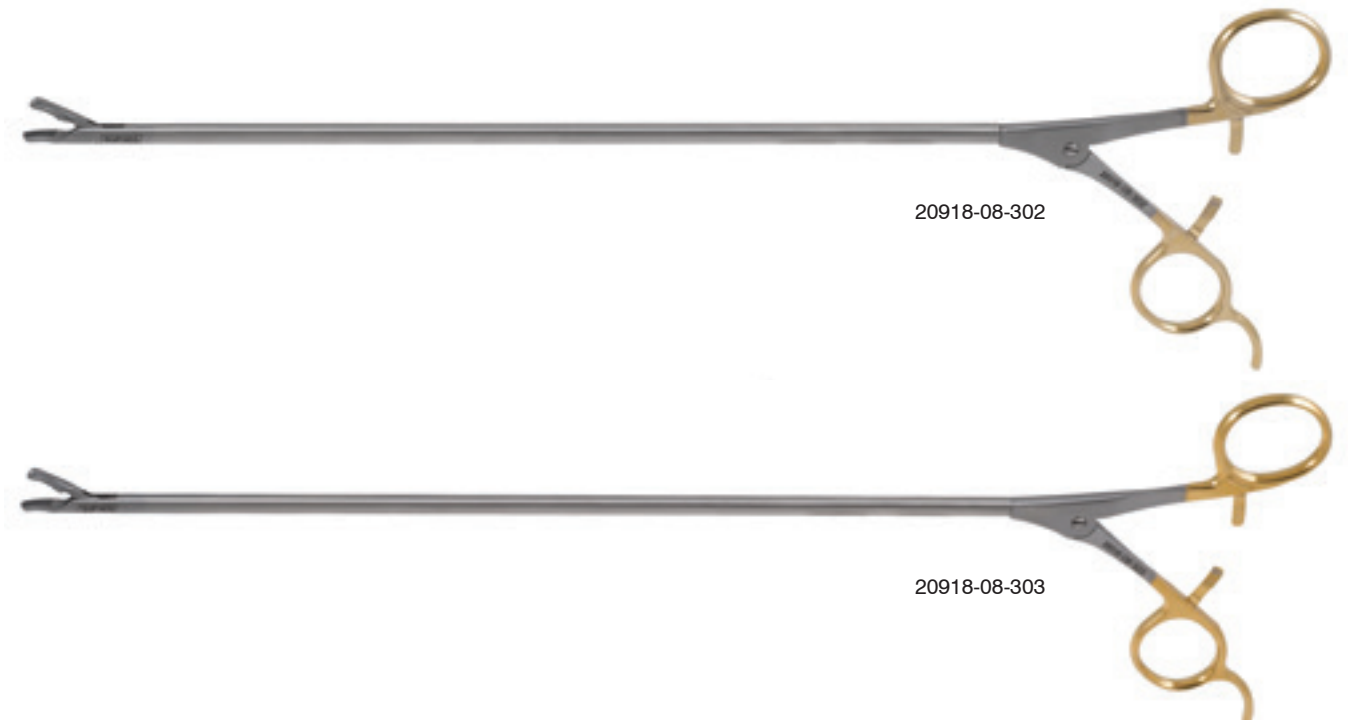


## TOP DUR Needle Holder

Curved / y-grip / with ratchet / wide jaw / 6 mm shaft Ø

20918-08-302 280 mm WL

20918-08-303 300 mm WL



**V.A.T.S. Metzenbaum Power Cut Gold® Scissors****Curved short jaw / 5 mm shaft**

2405-912 12 1/2" (32 cm)

2405-914 14" (35.5 cm)

**Curved short jaw / 10 mm shaft**

2405-918 11 1/2" (29 cm)

**V.A.T.S. Metzenbaum Power Cut Scissors****Power cut / curved**

2405-920 14" (35.9 cm)



## V.A.T.S. Metzenbaum Power Cut Black® Scissors

Power cut / 11 1/2" (28.8 cm)

2405-923 straight  
2405-926 curved



2405-923



2405-926

## V.A.T.S. Metzenbaum Power Cut® Ciradur Scissors

Cvd left / straight shaft / 6 mm

20927-00-000 200 mm working length 12" (30.5 cm)  
20927-00 300 mm working length 15 1/2" (39.5 cm)



20927-00-000



**V.A.T.S. Metzenbaum Power Cut® Ciradur Scissors**

Curved left / with y-grip / 8" (20.3 cm) / 20 mm blades

27928-01-000



27928-01-000

**V.A.T.S. Metzenbaum Mini Power Cut® Ciradur Scissors**

Straight / y-handle / 6 1/2" (16.5 cm) / 10 mm blades

27925-01-000



27925-01-000

**V.A.T.S. Black Suture Cutter**

5 mm shaft

2405-945 11" (28 cm)

2405-947 13" (33 cm)

2405-949 15" (38 cm)

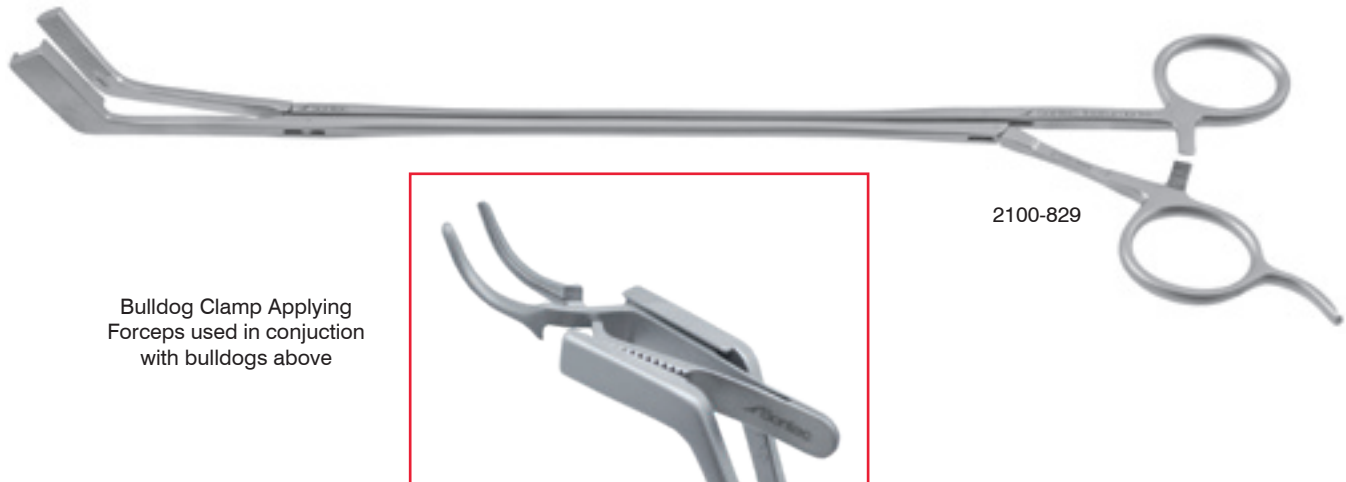


2405-945

## V.A.T.S. Bulldog Apply Forceps

With ratchet / 60° angle / 13" (33 cm)

2100-829



Bulldog Clamp Applying  
Forceps used in conjunction  
with bulldogs above

## Micasept Ciradur Clip Applicator

Without ratchet / Ø4.5 / 350 mm working length

22932-25



## Bethune-Coryllos Rib Shears

14" working length / left

430-360



## Kerrison Type Rib Shears

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10 mm blade / 16 mm cutting width / 10 mm shaft /  
11 1/2" working length

430-366



## V.A.T.S. Rib Scissors

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Detachable / straight / 10 mm blade height / 16 mm  
cutting width / 11 1/2" (290 mm) working length

20112-34



## Sternum Rib Plate Insert Forceps

Pistol grip handle

2500-275



## Sontec Thoracic Suction Tube

With finger tip controlled suction regulator /  
3.5 mm shaft / 5.8 mm tip

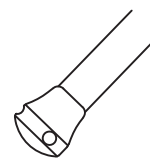
180-441 17 cm working length  
180-442 22 cm working length

With finger tip controlled suction regulator /  
4.9 mm shaft / 8 mm tip

180-443 22 cm working length  
180-444 32 cm working length



5.8 mm tip



7.9 mm tip



180-441

## Thoracic Suction Tube

### With Pynchon handle / 5 mm tube / 17 1/4" (43.8 cm)

|           |          |                    |
|-----------|----------|--------------------|
| 180-429   | straight |                    |
| 180-4291  | straight | without thumb hole |
| 180-429C  | angled   |                    |
| 180-429B  | straight | with basket tip    |
| 180-429CB | angled   | with basket tip    |

### With Pynchon handle / 10 mm tube

|          |          |                   |                    |
|----------|----------|-------------------|--------------------|
| 180-431  | straight | 18 3/4" (47.6 cm) |                    |
| 180-4311 | straight | 18 3/4" (47.6 cm) | without thumb hole |
| 180-431C | angle    | 18 1/2" (47 cm)   |                    |



180-429



180-4291



180-429C



180-429B



180-429CB



180-431



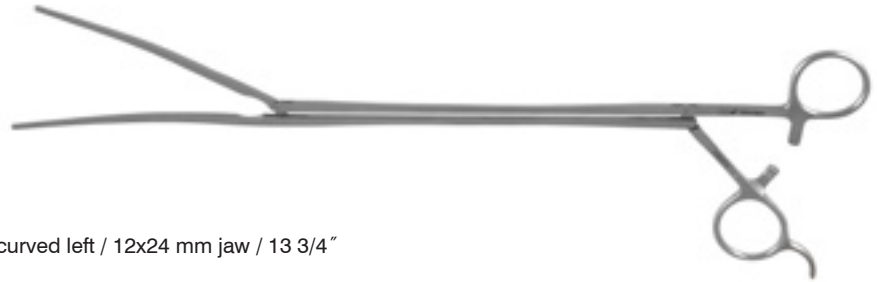
180-4311



180-431C

## VATS Starter Set

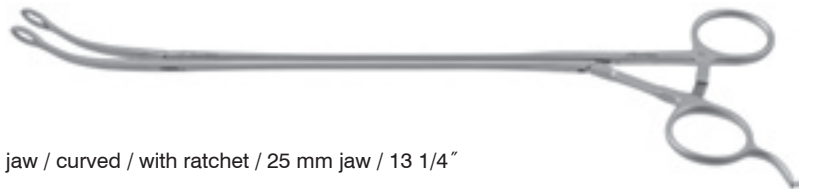
2100-818 Cardiovascular Clamp-1x2 Debakey jaw / with ratchet / curved / 15"



2100-823 VATS Foerster Clamp- with ratchet / curved left / 12x24 mm jaw / 13 3/4"



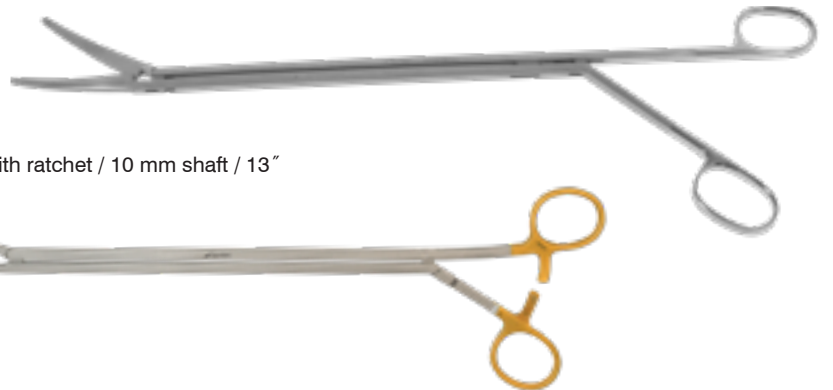
2100-824 VATS Foerster Clamp- with ratchet / curved left / 6 mm oval ring jaw / 13.25"



2100-826 Duval Cardio vascular Clamp- 1 x 2 Debakey jaw / curved / with ratchet / 25 mm jaw / 13 1/4"



2405-920 Metz VATS Slider Scissors- power cut / curved / 14"



2300-904 VATS Needle Holder- fine / TC serrated / with ratchet / 10 mm shaft / 13"



180-429 Thoracic Suction Tube- straight / 5 mm tube / 17 1/4"



## VATS Deluxe Set

|           |                                                                                             |
|-----------|---------------------------------------------------------------------------------------------|
| 2100-687  | Cardiovascular Clamp - curved / with ratchet / 1 x 2 Debakey jaw / 14"                      |
| 2100-688  | Cardiovascular Clamp - curved / with ratchet / 2 x 3 Debakey jaw / 14"                      |
| 2100-818  | Cardiovascular Clamp - 1x2 Debakey jaw / with ratchet / curved / 15"                        |
| 2100-936  | Allis Debakey Clamp - atraumatic clamp / curved left / 13"                                  |
| 2100-771  | Dissector Clamp- right angle 90° / with Debakey jaws / without ratchet / 13"                |
| 2100-820  | Harken Cardiovascular Clamp / 1 x 2 Debakey jaw / without ratchet / medium curve / 13.5"    |
| 2100-821  | Harken Cardiovascular Clamp / 1 x 2 Debakey jaw / without ratchet / full curve / 13.25"     |
| 2100-823  | VATS Foerster Clamp- with ratchet / curved left / 12x24 mm jaw / 13.75"                     |
| 2100-824  | VATS Foerster Clamp- with ratchet / curved left / 6x12 mm oval ring jaw / 13.25"            |
| 2601-826  | VATS Foerster Clamp- with ratchet / curved left / 6x12 mm oval ring jaw / titanium / 13.25" |
| 2100-825  | Duval Cardio vascular Clamp- 1 x 2 Debakey jaw / curved / with ratchet / 15 mm jaw / 13"    |
| 2100-826  | Duval Cardio vascular Clamp- 1 x 2 Debakey jaw / curved / with ratchet / 25 mm jaw / 13.5"  |
| 2405-920  | Metz VATS Slider Scissors- power cut / curved / 14"                                         |
| 2300-904  | VATS Needle Holder- fine / TC serrated / with ratchet / 13"                                 |
| 180-429   | Thoracic Suction Tube- straight / with yankauer handle / 5 mm tube / 17 1/4"                |
| 180-431   | Thoracic Suction Tube- straight / with yankauer handle / 10 mm tube / 18 3/4"               |
| 180-429CB | Thoracic Suction Tube- curved / with yankauer handle / 5 mm tube / with basket / 17 1/4"    |
| 18-3560   | VATS Surgical Tray- universal keyhole bracket / sliver / 10" x 21.5" x 2.5"                 |



## Sontec Fan Organ Retractor

5 blades / 10 mm wide / 350 mm working length

26942-42

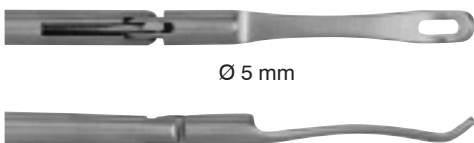


26942-42

## Esophageal Retractor

1 finger

|           |         |              |
|-----------|---------|--------------|
| 2901-500  | Ø 5 mm  | 33 cm length |
| 2901-500L | Ø 5 mm  | 45 cm length |
| 2901-501  | Ø 10 mm | 33 cm length |
| 2901-501L | Ø 10 mm | 45 cm length |



Ø 5 mm



Ø 10 mm



## Sontec Fan Organ Retractor

**5 blades / 5 mm wide / 330 mm working length / using one hand, blades & neck articulate to achieve desired shape**

26942-41



26942-41

## Sontec Deluxe Fan Organ Retractor

**5 blades / 10 mm wide / 380 mm working length / using one hand, blades & neck articulate to achieve desired shape**

26942-43

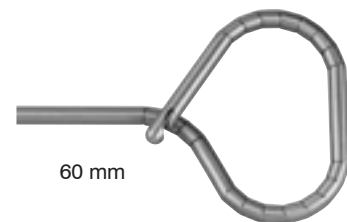
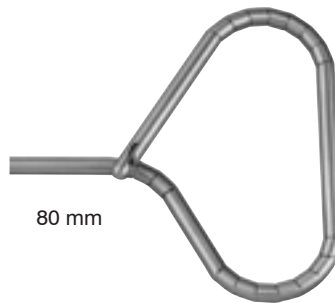
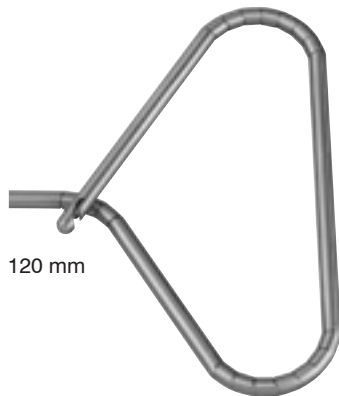


26942-43

## Liver Retractor

### Straight triangle / 5-star rotary knob / Ø 5.0 mm

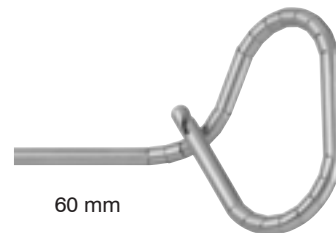
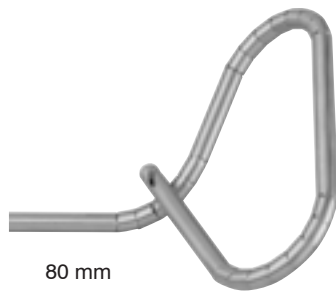
|           |                 |              |
|-----------|-----------------|--------------|
| 2901-400  | 60 mm triangle  | 38 cm length |
| 2901-400L | 60 mm triangle  | 45 cm length |
| 2901-405  | 80 mm triangle  | 38 cm length |
| 2901-405L | 80 mm triangle  | 45 cm length |
| 2901-410  | 120 mm triangle | 38 cm length |
| 2901-410L | 120 mm triangle | 45 cm length |



## Liver Retractor

### Straight triangle / 5-star rotary knob / Ø 5.0 mm

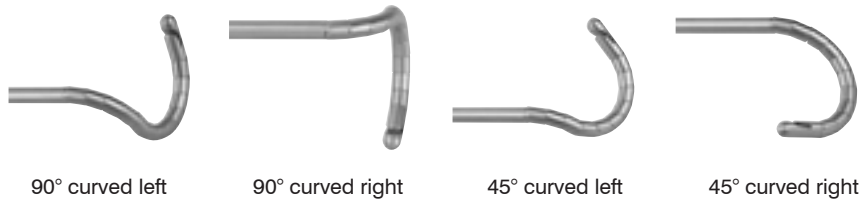
|           |                |              |
|-----------|----------------|--------------|
| 2901-415  | 60 mm triangle | 38 cm length |
| 2901-415L | 60 mm triangle | 45 cm length |
| 2901-420  | 80 mm triangle | 38 cm length |
| 2901-420L | 80 mm triangle | 45 cm length |



## Liver Retractor

### Hook / 5-star rotary knob / Ø 5.0 mm

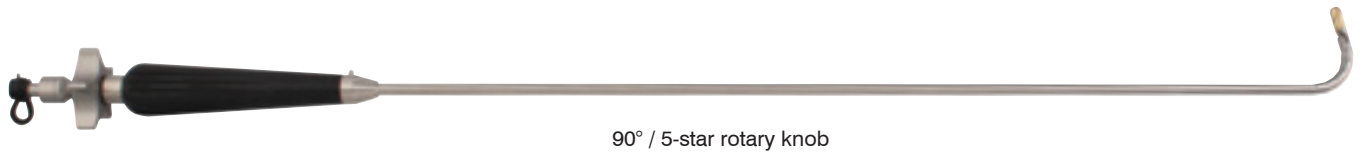
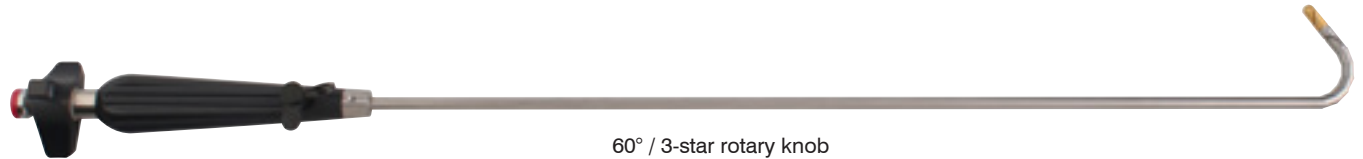
|           |                  |              |
|-----------|------------------|--------------|
| 2901-425  | 90° curved left  | 38 cm length |
| 2901-425L | 90° curved left  | 45 cm length |
| 2901-430  | 90° curved right | 38 cm length |
| 2901-430L | 90° curved right | 45 cm length |
| 2901-435  | 45° curved left  | 38 cm length |
| 2901-435L | 45° curved left  | 45 cm length |
| 2901-440  | 45° curved right | 38 cm length |
| 2901-440L | 45° curved right | 45 cm length |



## Goldfinger Liver Retractor

### Finger / Ø 5.0 mm

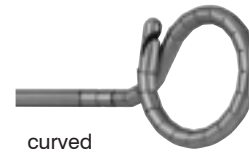
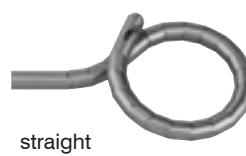
|              |      |              |                    |
|--------------|------|--------------|--------------------|
| 2901-445-3S  | 60°  | 38 cm length | 3-star rotary knob |
| 2901-450L-3S | 90°  | 43 cm length | 3-star rotary knob |
| 2901-450L    | 90°t | 43 cm length | 5-star rotary knob |

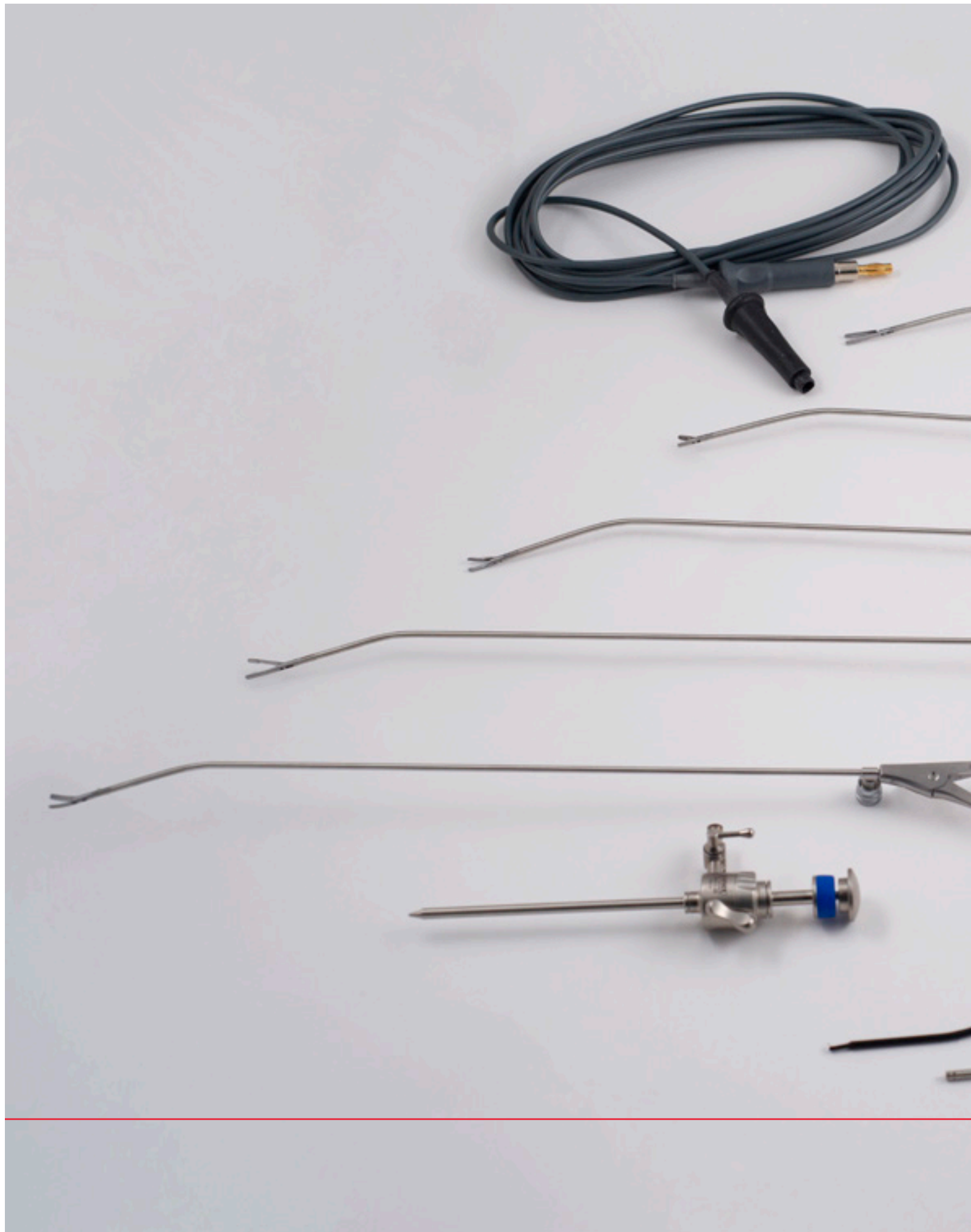


## Liver Retractor

### Round 40 mm / 5-star rotary knob / Ø 5.0 mm

|           |          |              |
|-----------|----------|--------------|
| 2901-455  | straight | 38 cm length |
| 2901-455L | straight | 45 cm length |
| 2901-460  | curved   | 38 cm length |
| 2901-460L | curved   | 45 cm length |







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Micro V.A.T.S. Uniportal System

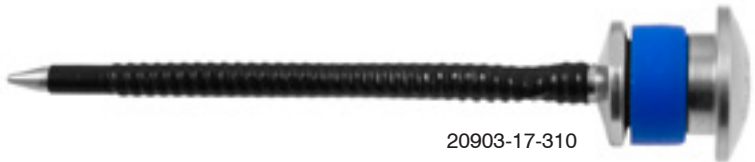
## Micro V.A.T.S. Uniportal System

### 2.7 mm

|              |   |                                                                                                                                      |
|--------------|---|--------------------------------------------------------------------------------------------------------------------------------------|
| 20903-17     | 1 | MICTEC flexible trocar set Ø 3.5 mm, black plastic fixation screw, 70 mm working length                                              |
| 20903-17-310 | 2 | MICTEC flexible trocar set Ø 3.5 mm, black plastic fixation screw, with sealing cap, 70 mm working length                            |
| 27913-35     | 1 | MICTEC trocar set pyramidal tip with manual folding valve, with insufflation tap, Ø 3.5 mm, 95 mm working length, with smooth sleeve |



20903-17



20903-17-310



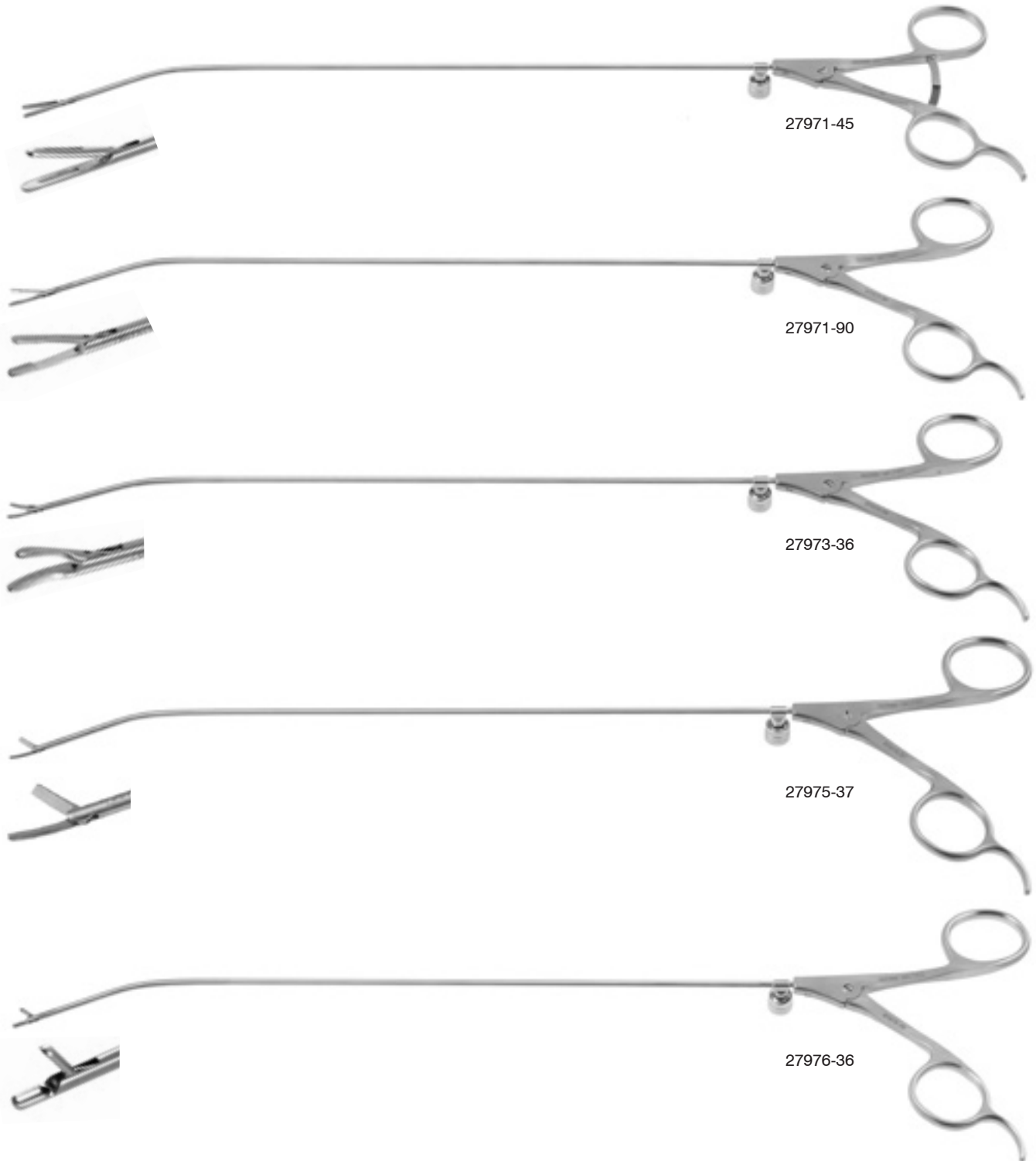
27913-35



## Micro V.A.T.S. Uniportal System

### 2.7 mm

|          |   |                                                                                                                                        |
|----------|---|----------------------------------------------------------------------------------------------------------------------------------------|
| 27971-45 | 1 | MICTEC fenestrated forceps, 30° curved, down, Y-grip with clamp ratchet, with cleaning flush port, Ø 2.7 mm, 300 mm working length     |
| 27971-90 | 1 | MICTEC atraumatic dressing forceps, 30° curved down, Y-grip without ratchet, with cleaning flush port, Ø 2.7 mm, 300 mm working length |
| 27973-36 | 1 | MICTEC dissection clamp, 30° curved down, Y-grip without ratchet, with cleaning flush port, Ø 2.7 mm, 300 mm working length            |
| 27975-37 | 1 | MICTEC scissors curved, 30° curved down, Y-grip, with cleaning flush port, Ø 2.7 mm, 300 mm working length                             |
| 27976-36 | 1 | MICTEC biopsy forceps, 30° curved down, Y-grip without ratchet, with cleaning flush port, Ø 2.7 mm, 300 mm working length              |



## Micro V.A.T.S. Uniportal System

### 2.7 mm

|          |   |                                                                                      |
|----------|---|--------------------------------------------------------------------------------------|
| 26943-21 | 1 | Suction-Irrigation handle with 3-way-tap large adapter Luer-Lock-male                |
| 27983-30 | 1 | MICTEC suction and irrigation tube, Ø 2.7 mm, 30° curved down, 300 mm working length |
| 27948-30 | 1 | MICTEC hook electrode, insulated, Ø 2.7 mm, 30° curved up, 300 mm working length     |
| 27948-32 | 1 | MICTEC flat electrode, insulated, Ø 3.2 mm, 30° curved up, 300 mm working length     |
| 26944-03 | 1 | MICTEC HF-cable with hexagon inside 4m long; connection: Valleylab                   |

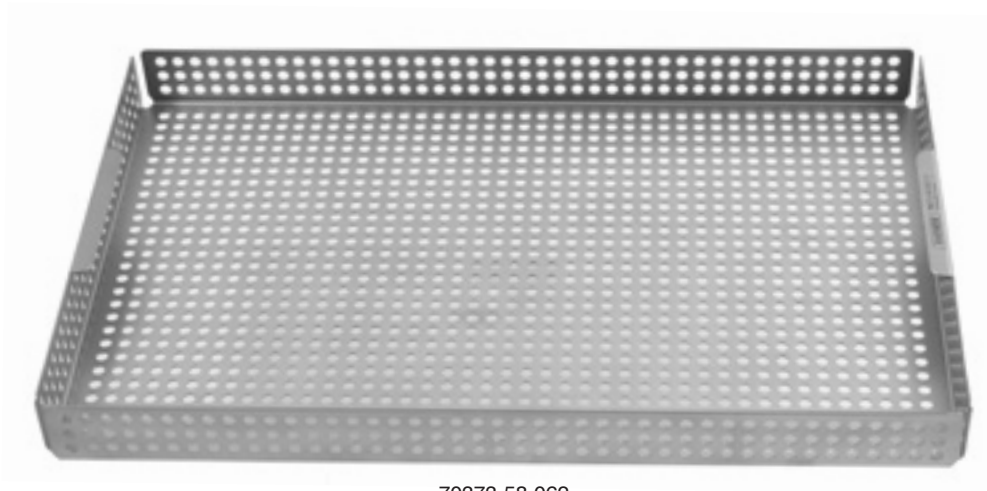


## Micro V.A.T.S. Uniportal System

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### 2.7 mm

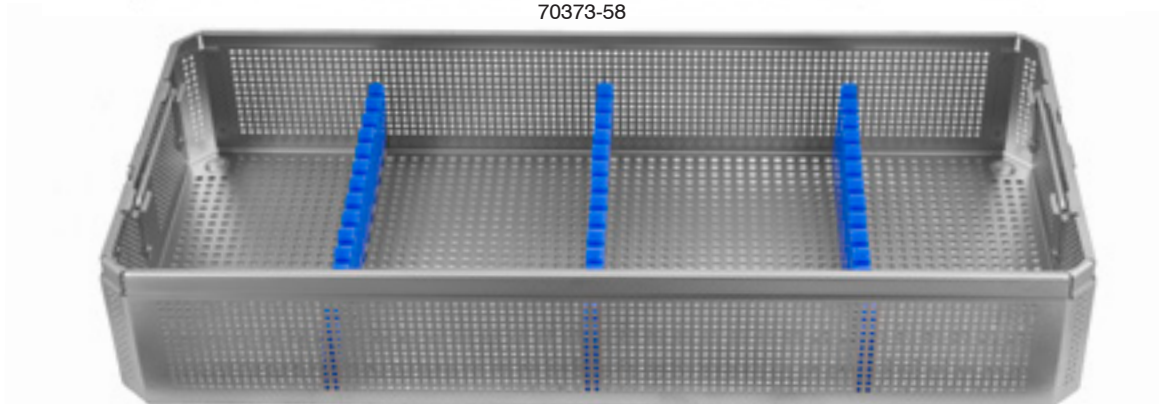
|              |   |                                                                             |
|--------------|---|-----------------------------------------------------------------------------|
| 70373-58     | 1 | Perforated Sterilizing Tray with Lid and Silicone Holders 545 x 255 x 95 mm |
| 70373-58-062 | 1 | Perforated Sterilizing Inlay for Tray 360 x 230 x 33.5 mm                   |

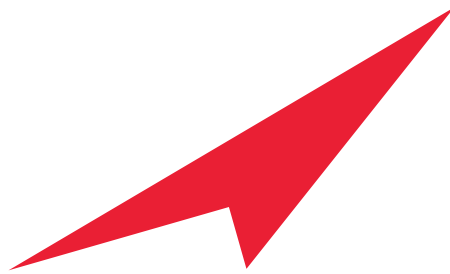


70373-58-062



70373-58





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