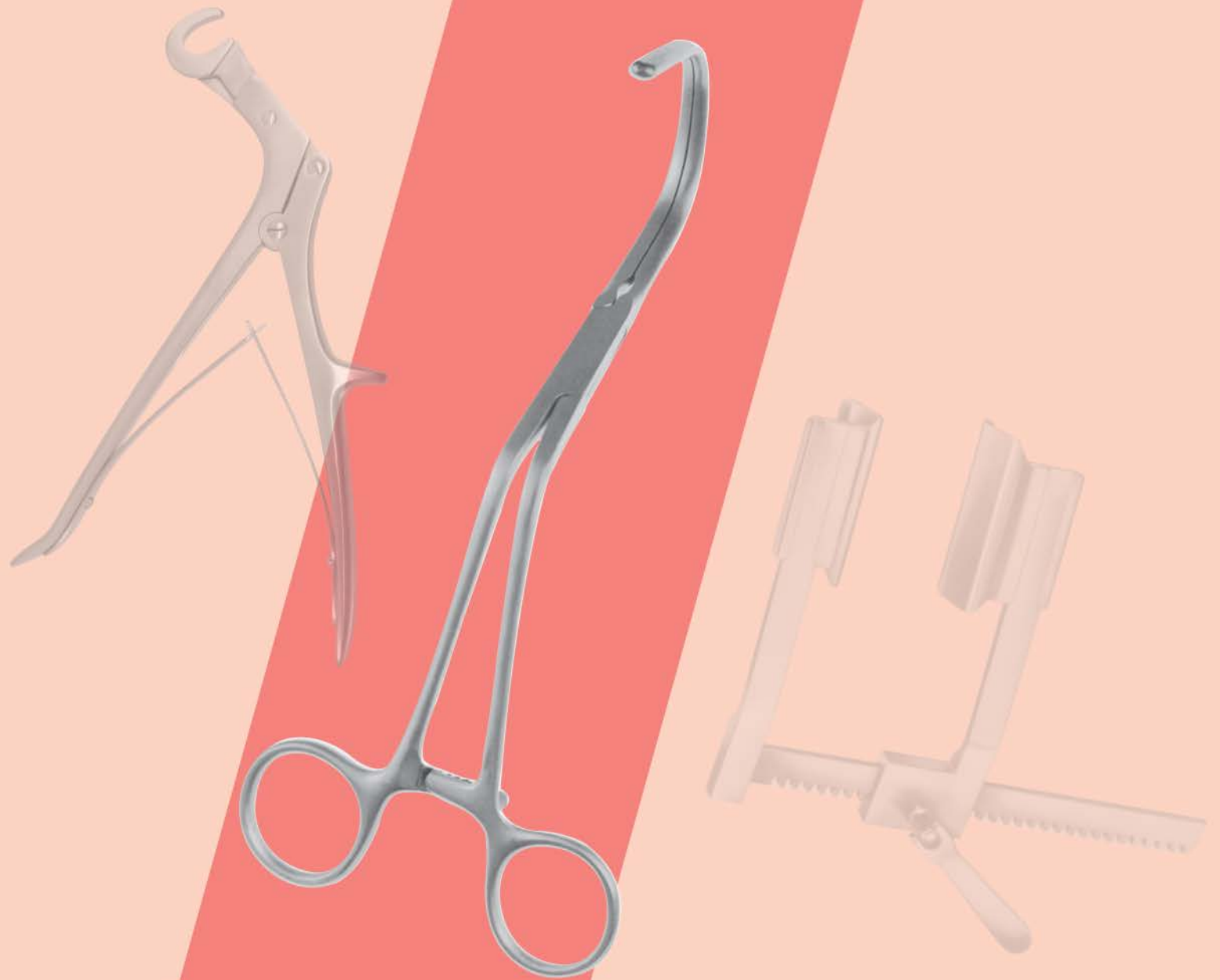
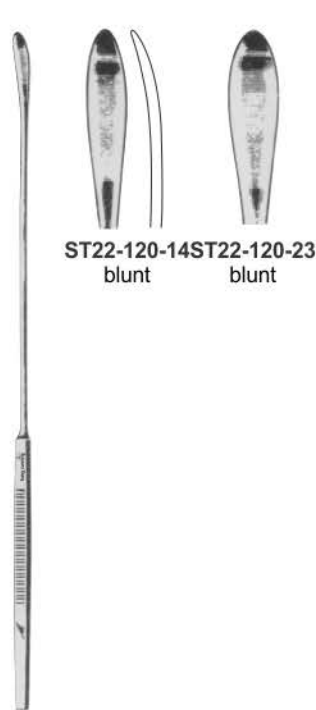
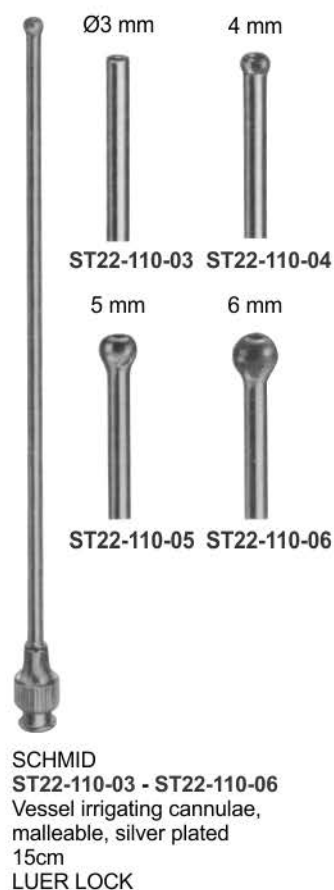
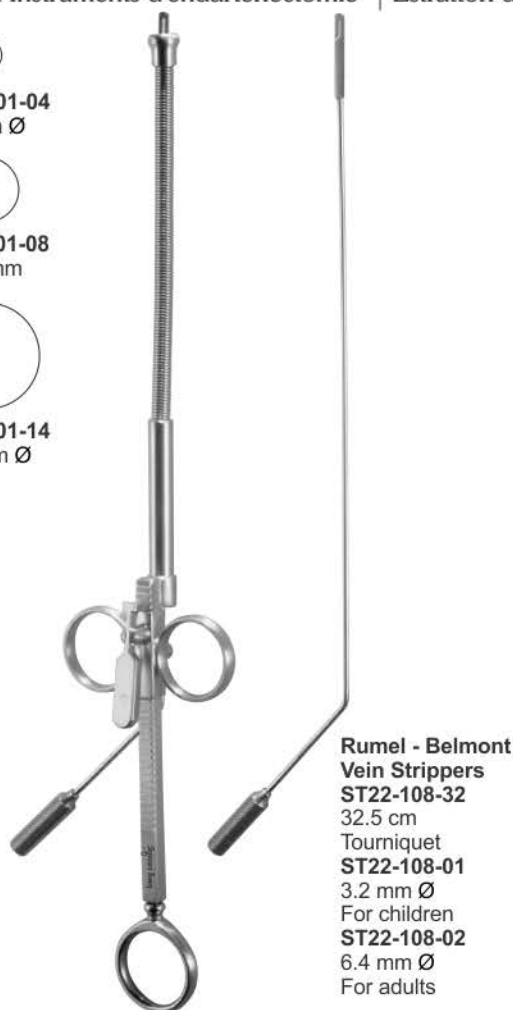
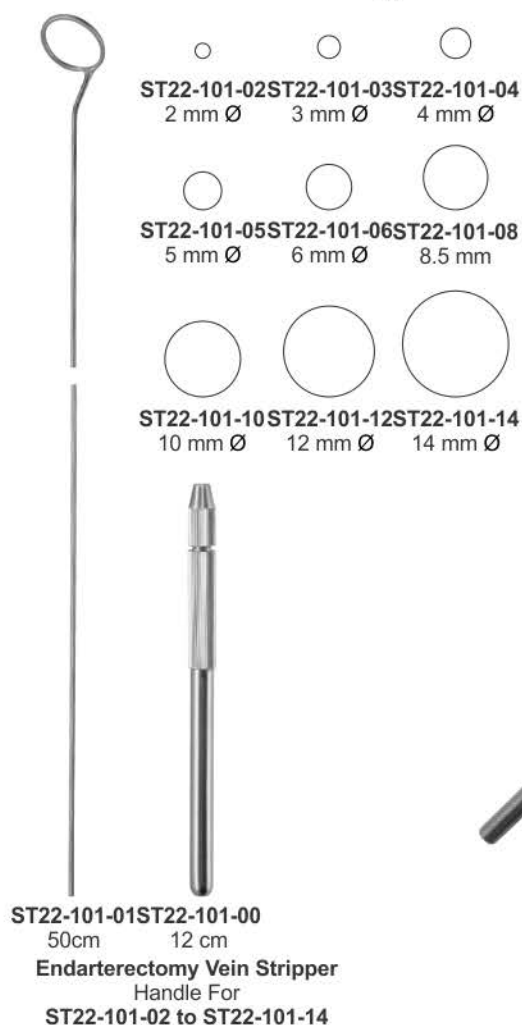




CARDIOVASCULAR & THORACIC INSTRUMENTS



Blake Gall Stone Forceps
H23-170-20 20 cm
Straight

ST22-117-18 18.5cm
ST22-117-21 21.5cm
Vascular spatula

HALLE
ST22-118-18 18cm
Vascular spatula

SCHMID
ST22-120-14 14cm
ST22-120-23 23.5cm
Vascular spatula

BABCOCK
ST22-122-40 40cm
ST22-122-50 50cm
ST22-122-65 65cm
ST22-122-80 80cm
 Sounds for varicose veins



**Nabattoff Varicose Vein Stripper
ST22-128-00**
135mmx100mmx25mm
complete

**ST22-128-01
Nabattoff
Metal Case**

**ST22-128-02
Nabattoff
Handle**



**ST22-128-04
Nabattoff
Probe tip in plastic**



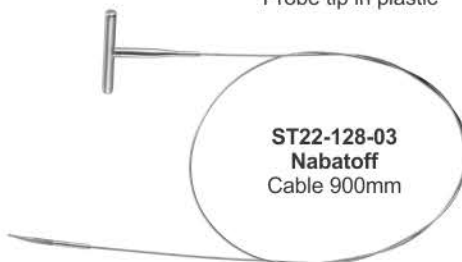
**Nabattoff
Metal Probe
ST22-128-05**
3mm



**Nabattoff
Metal Olive
ST22-128-06**



**Nabattoff
Metal Olive
ST22-128-07**
9mm



**ST22-128-03
Nabattoff
Cable 900mm**



**Nabattoff
Metal Olive
ST22-128-08**
12mm



**Nabattoff
Metal Olive
ST22-128-09**
15mm



**Martin
ST22-130-00**

Tunneling Set complete set with three
shafts, two handles and 12 tips in storage
case.



ST22-130-01
6mm



ST22-130-02
8mm



ST22-130-03
10mm



ST22-130-04
12mm



ST22-130-05



ST22-130-06

110mm x 37mm
80mm x 32mm
80mm x 24mm

ST22-130-00 Tunneling set complete
ST22-130-07 Universal handle (2x)
ST22-130-08 Tunneling shaft, curved, 225mm
ST22-130-09 Tunneling shaft, straight, 225mm
ST22-130-10 Tunneling shaft, curved, 540mm
ST22-130-01 Bullet tip 6mm (2 x)
ST22-130-02 Bullet tip 8mm (2 x)
ST22-130-03 Bullet tip 10mm (2 x)
ST22-130-04 Bullet tip 12mm (2 x)
ST22-130-05 Vein tip
ST22-130-06 Luer Adaptor
Plate for tips only
Sterilizing cases 550 x 115 x 35mm



ST22-130-08
22.5cm



ST22-130-09
22.5cm



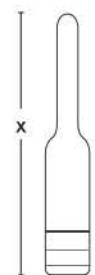
ST22-130-10
54cm

Approximatoren, Gefäßclips nach Biemer

Approximadores, Biemer clips

Approximateurs, clips selon Biemer

Approssimatori, clips vascolari Biemer



X Length
Ø Vessel
V Vein
A Artery



X=8mm
ST22-131-08 V
ST22-132-08 A
Ø=0,4 mm - 1 mm



X=8mm
ST22-133-08 V
ST22-134-08 A
Ø=0,4 mm - 1 mm



X=8mm
ST22-135-08 V
ST22-136-08 A
Ø=0,4 mm - 1 mm



X=8mm
ST22-137-08 V
ST22-138-08 A
Ø=0,4 mm - 1 mm



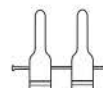
X=11mm
ST22-131-11 V
ST22-132-11 A
Ø=0,6 mm - 1,5 mm



X=11mm
ST22-133-11 V
ST22-134-11 A
Ø=0,6 mm - 1,5 mm



X=11mm
ST22-135-11 V
ST22-136-11 A
Ø=0,6 mm - 1,5 mm



X=11mm
ST22-137-11 V
ST22-138-11 A
Ø=0,6 mm - 1,5 mm



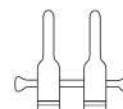
X=14mm
ST22-131-14 V
ST22-132-14 A
Ø=1 mm - 2 mm



X=14mm
ST22-133-14 V
ST22-134-14 A
Ø=1 mm - 2 mm



X=14mm
ST22-135-14 V
ST22-136-14 A
Ø=1 mm - 2 mm



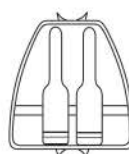
X=14mm
ST22-137-14 V
ST22-138-14 A
Ø=1 mm - 2 mm



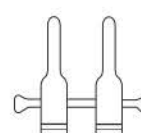
X=17mm
ST22-131-17 V
ST22-132-17 A
Ø=1 mm - 2,25 mm



X=17mm
ST22-133-17 V
ST22-134-17 A
Ø=1 mm - 2,25 mm



X=17mm
ST22-135-17 V
ST22-136-17 A
Ø=1 mm - 2,25 mm



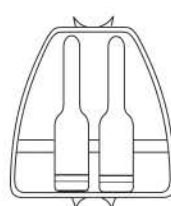
X=17mm
ST22-137-17 V
ST22-138-17 A
Ø=1 mm - 2,25 mm



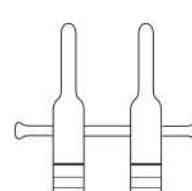
X=25mm
ST22-131-25 V
ST22-132-25 A
Ø=1,5 mm - 3,5 mm



X=25mm
ST22-133-25 V
ST22-134-25 A
Ø=1,5 mm - 3,5 mm



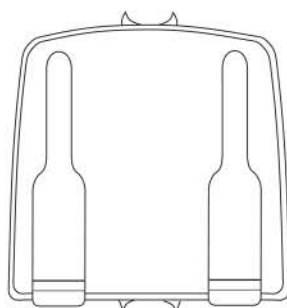
X=25mm
ST22-135-25 V
ST22-136-25 A
Ø=1,5 mm - 3,5 mm



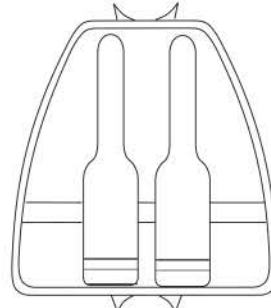
X=25mm
ST22-137-25 V
ST22-138-25 A
Ø=1,5 mm - 3,5 mm



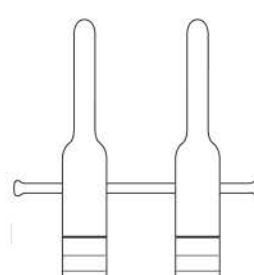
X=36mm
ST22-131-36 V
ST22-132-36 A
Ø=1,5 mm - 3,5 mm



X=36mm
ST22-133-36 V
ST22-134-36 A
Ø=1,5 mm - 3,5 mm



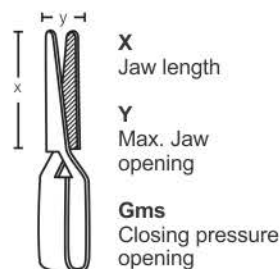
X=36mm
ST22-135-36 V
ST22-136-36 A
Ø=1,5 mm - 3,5 mm



X=36mm
ST22-137-36 V
ST22-138-36 A
Ø=1,5 mm - 3,5 mm

Approximatoren, Biemer-Clips, Clip-Anlegezangen	Aproximadores, Clips Biemer, Pinzas Aplicadoras de Clips
Approximateurs, pinces Biemer, pinces d'application de pinces	Approssimatori, clip Biemer, pinze per l'applicazione di clip

Biemer Vessel Approximator with adjustable clip distance



Biemer Vessel Clip



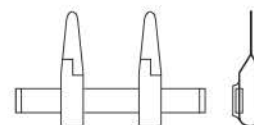
ST22-141-06
x=6mm
y=4mm
gms=30-40



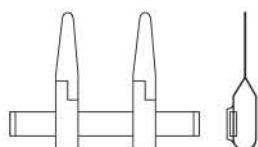
ST22-141-09
x=9mm
y=5mm
gms=30-40



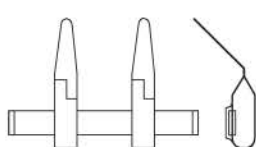
ST22-143-06
x=9mm
y=5mm
gms=20-25



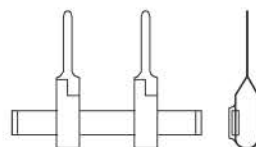
ST22-145-04
x=4.5mm
y=3.0mm
gms=30-40



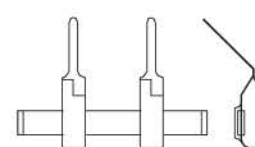
ST22-145-09
x=9mm
y=5mm
gms=30-40



ST22-146-09
x=9mm
y=5mm
gms=30-40



ST22-147-09
x=9mm
y=5mm
gms=20-25



ST22-148-09
x=9mm
y=5mm
gms=30-40

For temporary occlusion, (identified by yellow coloured spring ends) for vessels of 0.5mm-2.0mm. Blade gripping surface with oblique serrations for save but careful gripping of vessels. No risk due to rigidly fixed pressure measure.



Biemer ST22-151-14
14.5 cm
applying forceps
with lock



Biemer ST22-152-14
14.5 cm
applying forceps
without lock



Clip Applying Forceps
ST22-153-01 14 cm with lock
ST22-153-02 14 cm with out lock



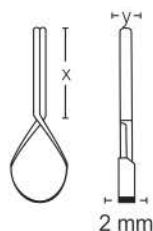
Clip Applying Forceps
ST22-154-14 14cm
for approximators
and double-clips

Biemer-Clips, Clip-Anlegezange

Clips de Biemer, pinzas de aplicación de clips

Clips Biemer, pinces d'application de clips

Clip Biemer, pinza per l'applicazione di clip

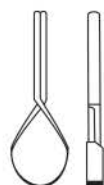


X=Jaw length
y=max. Opening
gms=Pressure

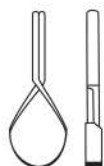
for temporary closure



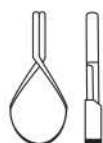
**Biemer Clips
applying forceps**
15 cm
with ratchet
ST22-161-15



ST22-163-31
x=10.0 mm
y=1.5 mm
gms=70



ST22-163-21
x=8.0 mm
y=1.0 mm
gms=70



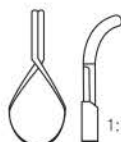
ST22-163-11
x=6.0 mm
y=0.8 mm
gms=70



ST22-163-13
x=4.0 mm
y=0.75 mm
gms=70



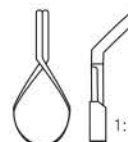
ST22-163-12
x=6.0 mm
y=1.0 mm
gms=70



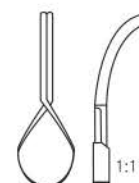
ST22-164-11
x=6.0 mm
y=1.0 mm
gms=70



ST22-164-12
x=6.0 mm
y=1.0 mm
gms=70



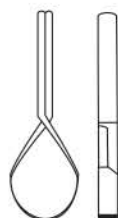
ST22-164-13
x=6.0 mm
y=1.0 mm
gms=70



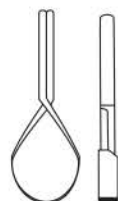
ST22-164-31
x=10.0 mm
y=1.0 mm
gms=70

**Biemer Clips
applying forceps**
18 cm
with ratchet,
bayonet shaped
ST22-162-18

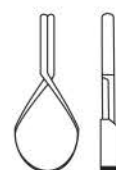
For clips ST22-163-31 to ST22-166-21



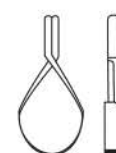
ST22-165-31
x=10.0 mm
y=2.0 mm
gms=150



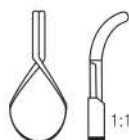
ST22-165-21
x=8.0 mm
y=2.0 mm
gms=150



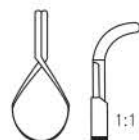
ST22-165-11
x=6.0 mm
y=1.0 mm
gms=150



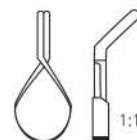
ST22-165-01
x=4.0 mm
y=0.75 mm
gms=150



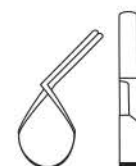
ST22-166-11
x=6.0 mm
y=1.0 mm
gms=150



ST22-166-12
x=6.0 mm
y=1.0 mm
gms=150



ST22-166-13
x=6.0 mm
y=1.0 mm
gms=150



ST22-166-21
x=8.0 mm
y=2.0 mm
gms=150

Bulldog-Klemmen und Pinzetten

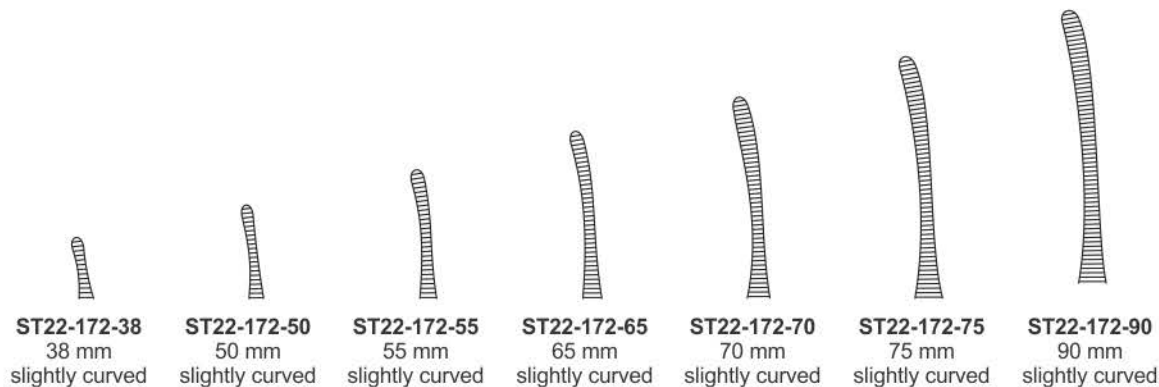
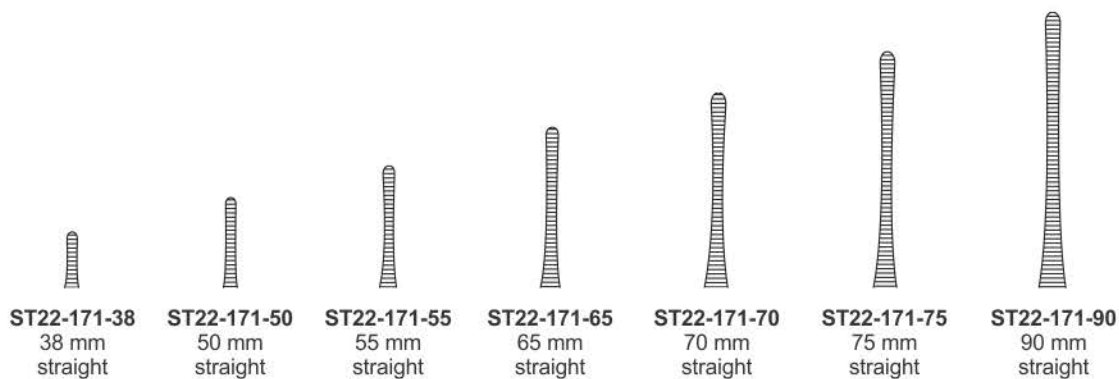
Abrazaderas y fórceps Bulldog

Pinces et pinces Bulldog

Morsetti e pinze Bulldog



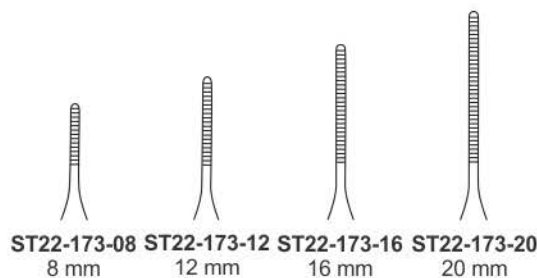
**Johns Hopkins
Bulldog Clamps**
serrated jaws



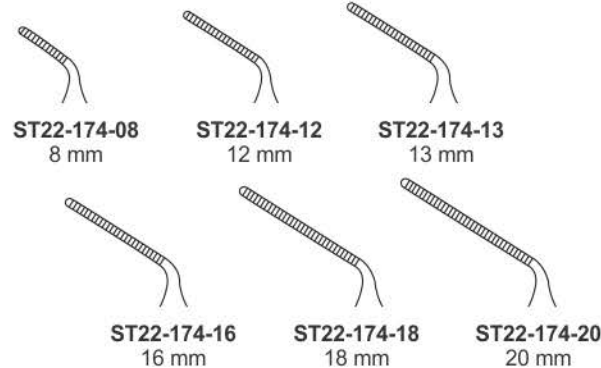
Bulldog Clamp Applying Forceps
ST22-170-23 23 cm
angled tips



**Diethrich Micro-Corony
Bulldog Clamps**
5 cm
straight



**Diethrich Micro-Corony
Bulldog Clamps**
5 cm angled jaws



Bulldogklemmen
Clamps Bulldog

Clamps Bulldog
Pinze Bulldog



DIEFFENBACH
ST22-177-35 35mm
ST22-177-50 50mm



DIEFFENBACH
ST22-178-35 35mm
ST22-178-50 50mm



DIEFFENBACH
ST22-179-57
57mm



DIEFFENBACH
ST22-180-57
57mm



De BAKEY-HESS
ST22-181-20
Length of jaws:
20mm



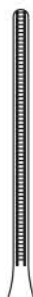
De BAKEY-HESS
ST22-181-30
Length of jaws:
30mm



De Bakey Bulldog
Clamp straight cross
action



ST22-183-20
75 mm
jaw length 2 cm



ST22-183-30
85 mm
jaw length 3 cm



De Bakey
Bulldog Clamp
curved cross action



ST22-184-20
70 mm
jaw length 2 cm



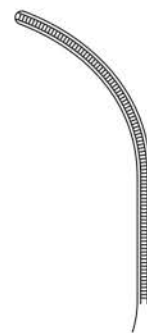
ST22-184-30
80 mm
jaw length 3 cm



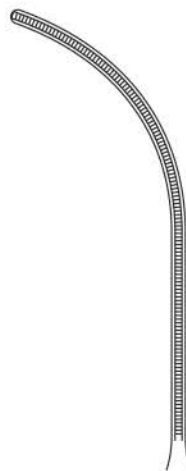
ST22-183-45
105 mm
jaw length 4.5 cm



ST22-183-65
120 mm
jaw length 6.5 cm



ST22-184-45
100 mm
jaw length 4.5 cm



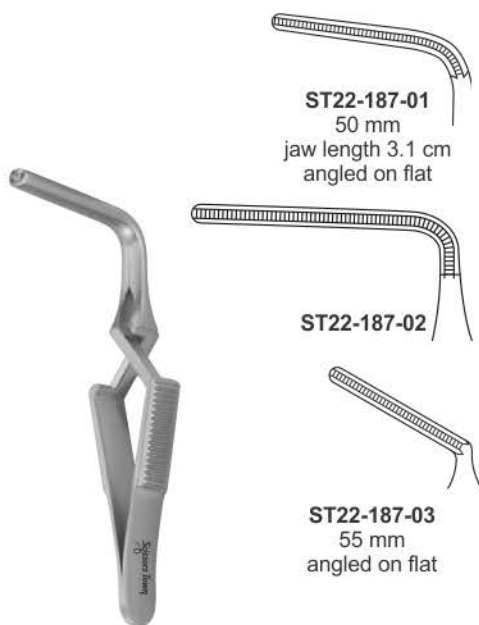
ST22-184-65
115 mm
jaw length 6.5 cm

Bulldogklemmen

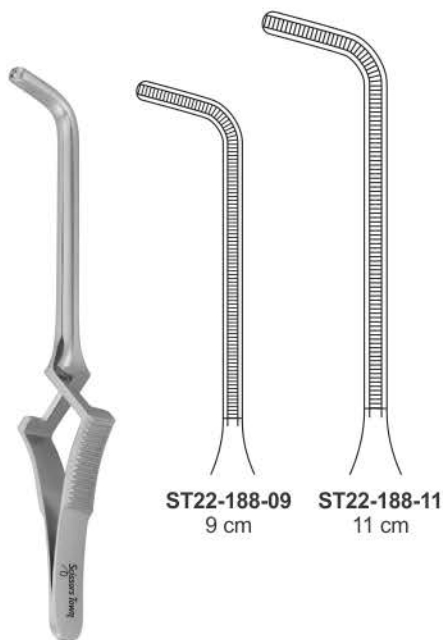
Clamps Bulldog

Clamps Bulldog

Pinze Bulldog



**Santulli Atraumatic
Bulldog Clamps**
7 cm



**Gregory-Soft Atraumatic
Bulldog Clamps**

**Gregory
ST22-189-10
Bulldog Clamp**
10.5 cm



**De Bakey Atraumatic
Bulldog Clamps
Satinsky**
ST22-196-07 7 cm



**De Bakey Atraumatic
Bulldog Clamps
Carotis**
ST22-197-09 9 cm



**De Bakey Atraumatic
Bulldog Clamps
Satinsky**
ST22-198-10 10 cm



Glover Atrauma Bulldog Clamps
cooley serrations with adjusting screw to regulate tension, Straight

ST22-201-18
length 1.8 cm
7 cm, jaw

ST22-201-32
length 3.2 cm
8 cm, jaw

ST22-201-45
length 4.5 cm
8.5 cm, jaw

ST22-201-60
length 6 cm
11 cm, jaw



Glover Atrauma Bulldog Clamps
cooley serrations with adjusting screw to regulate tension, curved

ST22-202-18
length 1.8 cm
6.5 cm, jaw

ST22-202-32
length 3.2 cm
7.5 cm, jaw

ST22-202-45
length 4.5 cm
9 cm, jaw

ST22-202-60
length 6 cm
10.5 cm, jaw



Cooley Atrauma Bulldog Clamps
cooley serrations with adjusting screw to regulate tension, Straight

ST22-203-20
5.1 cm, jaw
length 2 cm

ST22-203-30
6.7 cm, jaw
length 3 cm

ST22-203-47
8.6 cm, jaw
length 4.7 cm

ST22-203-60
13.3 cm, jaw
length 6 cm



Cooley Atrauma Bulldog Clamps
cooley serrations with adjusting screw to regulate tension, curved

ST22-204-18
4.4 cm, jaw
length 1.8 cm

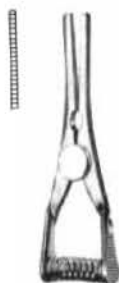
ST22-204-24
6.4 cm, jaw
length 2.4 cm

ST22-204-40
7.6 cm, jaw
length 4 cm

ST22-204-52
12.4 cm, jaw
length 5.2 cm

Atrauma Bulldog-Klemmen aus Titan
Pincas Bulldog Atraumatiques en Titane

Abrazaderas Titano Atrauma Bulldog
Morsetti Bulldog Atrauma in Titanio



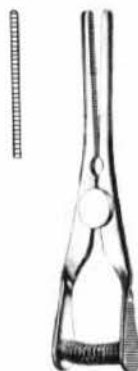
3 cm

Vene **ST22-209-30**
Arterie **ST22-210-30**



3,5 cm

ST22-209-35
ST22-210-35



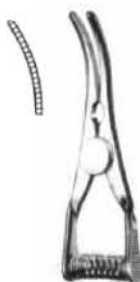
4 cm

ST22-209-40
ST22-210-40



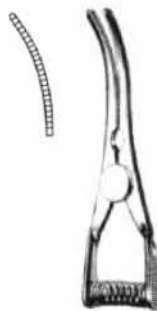
5 cm

ST22-209-50
ST22-210-50



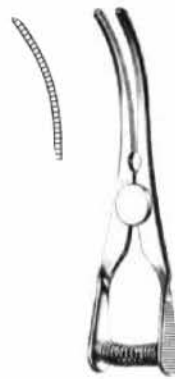
3 cm

Vene **ST22-211-30**
Arterie **ST22-212-30**



3,5 cm

ST22-211-35
ST22-212-35



4 cm

ST22-211-40
ST22-212-40



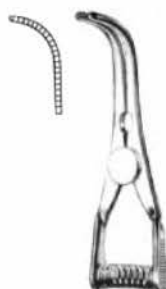
5 cm

ST22-211-50
ST22-212-50



3 cm

Vene **ST22-213-30**
Arterie **ST22-214-30**



3,5 cm

ST22-213-35
ST22-214-35



4 cm

ST22-213-40
ST22-214-40



5 cm

ST22-213-50
ST22-214-50



1.5 mm

ST22-311-12 12.5 cm
ST22-311-14 14.5 cm
ST22-311-16 16 cm
ST22-311-20 20 cm
ST22-311-24 24 cm

2.0 mm

ST22-313-12 12.5 cm
ST22-313-14 14.5 cm
ST22-313-16 16 cm
ST22-313-20 20 cm
ST22-313-24 24 cm
ST22-313-30 30 cm

2.7 mm

ST22-315-16 16 cm
ST22-315-20 20 cm
ST22-315-24 24 cm
ST22-315-30 30 cm

3.5 mm

ST22-317-16 16 cm
ST22-317-20 20 cm
ST22-317-24 24 cm
ST22-317-30 30 cm
ST22-317-35 35 cm

1.5 mm

ST22-319-14 14.5 cm
Angled

2.0 mm

ST22-321-16 16 cm
ST22-321-20 20 cm
ST22-321-24 24 cm
ST22-321-30 30 cm
Angled

De Bakey Atraumatic Tissue Clamp Forceps



1.2 mm

ST22-309-16T 16 cm
ST22-309-20T 20 cm
ST22-309-24T 24 cm

1.5 mm

ST22-311-16T 16 cm
ST22-311-20T 20 cm
ST22-311-24T 24 cm

1.8 mm

ST22-312-16T 16 cm
ST22-312-20T 20 cm
ST22-312-24T 24 cm

2.0 mm

ST22-313-16T 16 cm
ST22-313-20T 20 cm
ST22-313-24T 24 cm

2.8 mm

ST22-315-16T 16 cm
ST22-315-20T 20 cm
ST22-315-24T 24 cm

De Bakey Atraumatic Tissue Clamp Forceps Titanium



2.5 mm

ST22-302-15 15 cm
ST22-302-20 20 cm
ST22-302-24 24 cm
stainless Steel

3.0 mm

ST22-326-15 15 cm
ST22-326-20 20 cm
ST22-326-24 24 cm
stainless Steel

De Bakey Atraumatic Tissue Clamp Forceps

Arterien- und Bronchusklemmen

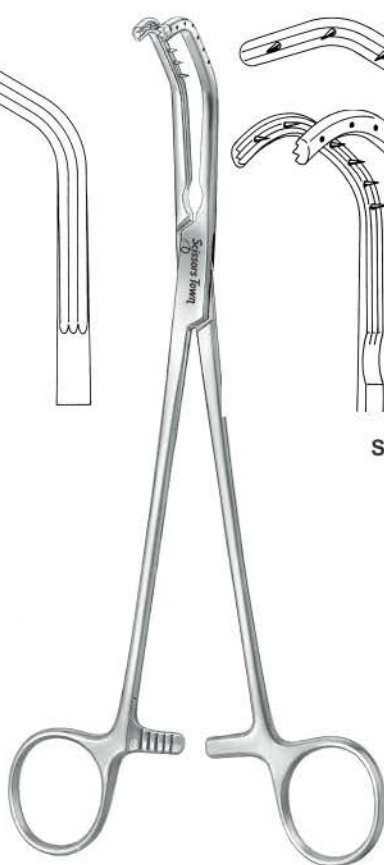
Pinces hémostatiques et pinces bronchiques

Pinzas hemostáticas y pinzas para bronquios

Pinze per arterie e bronchi

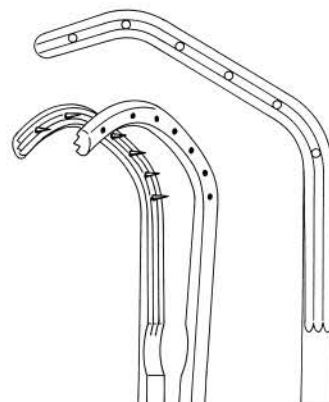


**Price-Thomas
Bronchus Clamp
ST22-221-22 22 cm**



**Price-Thomas
Bronchus Clamp
ST22-223-01 22 cm**

**ST22-223-01
Fig.1**



**ST22-223-02
Fig.2**



ST22-225-01

ST22-225-02

**Sarot
Bronchus Clamp
23cm**



**ST22-227-60
60mm**

**ST22-227-80
80mm**

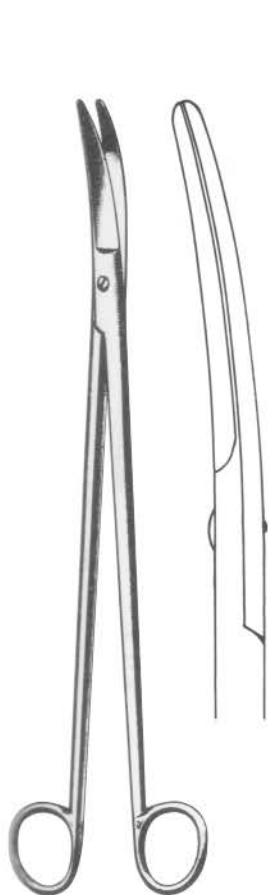
**Bronchus clamp
23cm**

Lobektomieschere, Lungenfasszange, Bronchusklemme

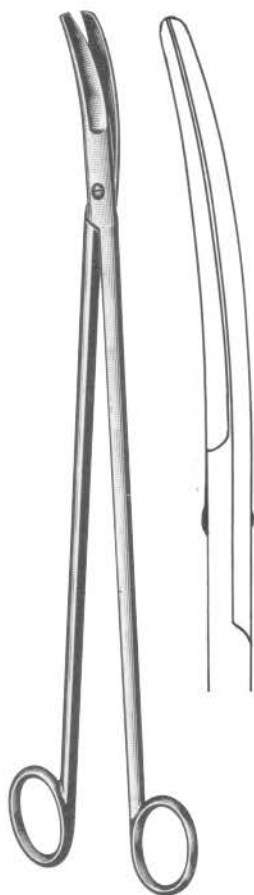
Tijeras de lobectomía, fórceps de agarre pulmonar, abrazadera para bronquios

Ciseaux de lobectomie, pince à préhension pulmonaire, pince à bronche

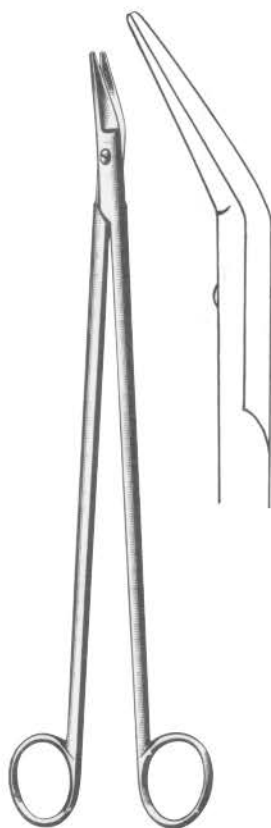
Forbici per lobectomia, pinza per presa polmonare, pinza per bronchi



Willauer
Dissecting Scissors
ST22-408-28 28cm



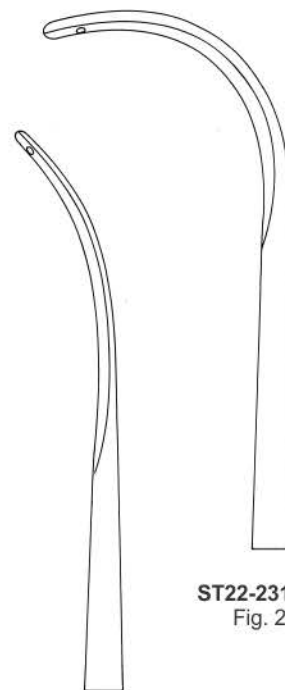
Crafoord
Lobectomy Scissors
ST22-384-30 30cm



Finochietto
Scissors
ST22-387-27 27cm



Semb
Bronchus Clamp
25 cm



ST22-231-01
Fig. 1

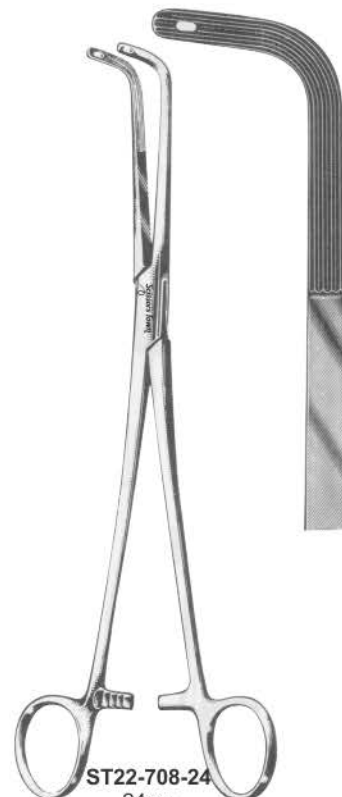
ST22-231-02
Fig. 2



Lovelace
Lung Grasping Forceps
ST22-147-25
Straight
20.5 cm

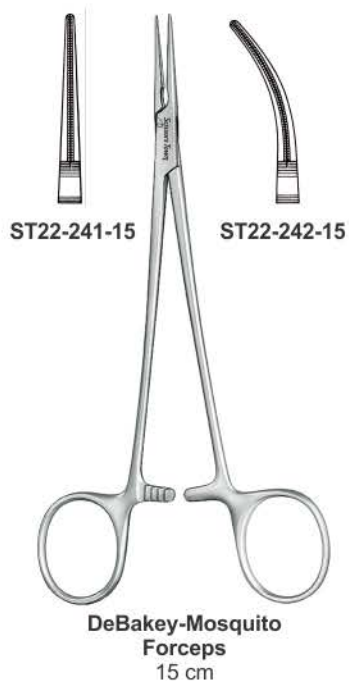


Lovelace
Lung grasping forceps
ST22-148-25
19cm angled to side
jaws 25mm wide



ST22-708-24
24cm
Finochietto
Thoracic And Ligature Forceps

Hemostatic forceps

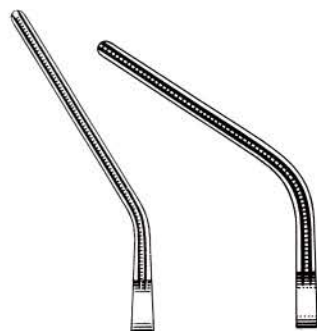




De BAKEY
ST22-251-16
16.5cm



DeBaKEY
Multi purpose Vascular Clamp

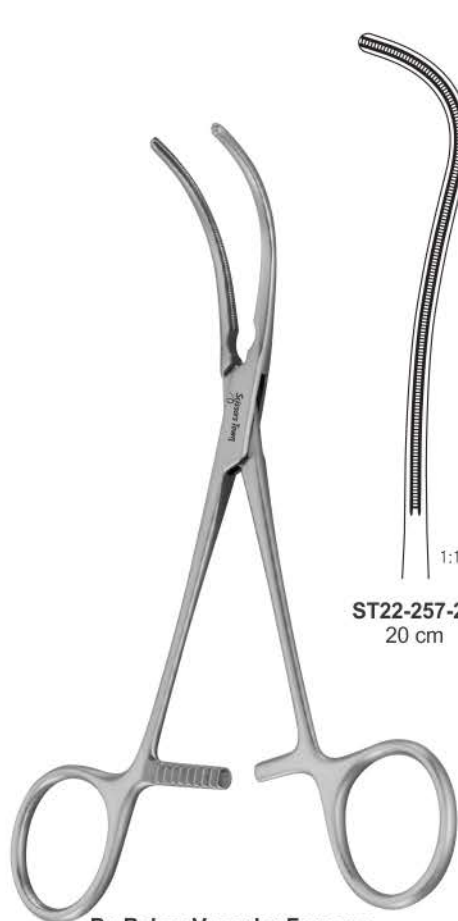


ST22-253-16
16.5 cm

ST22-254-16
16.5 cm



DeBaKEY
ST22-255-16
Multi purpose Vascular Clamp
16.5 cm



De Bakey Vascular Forceps



ST22-257-20
20 cm



ST22-257-23
23 cm



ST22-258-16
16 cm



De Bakey Atraumatic Vascular Forceps



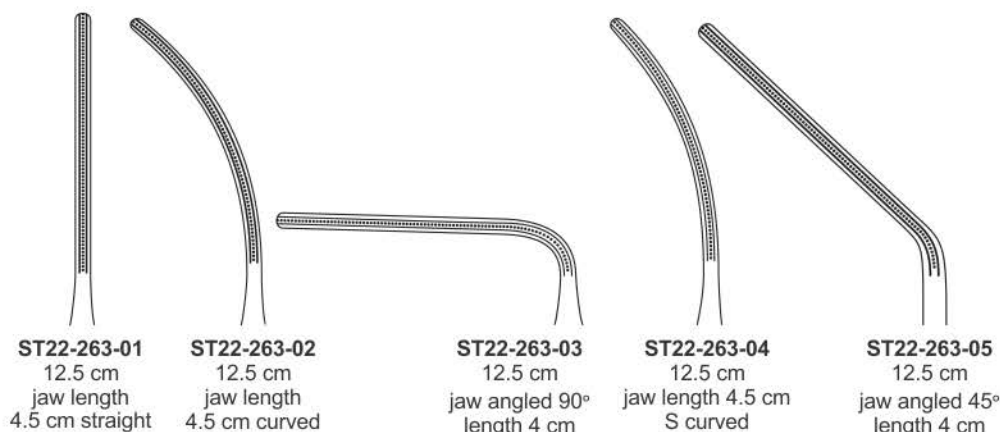
ST22-260-20
20 cm
S-curved

Bulldog-Klemmen, Gefäßzangen

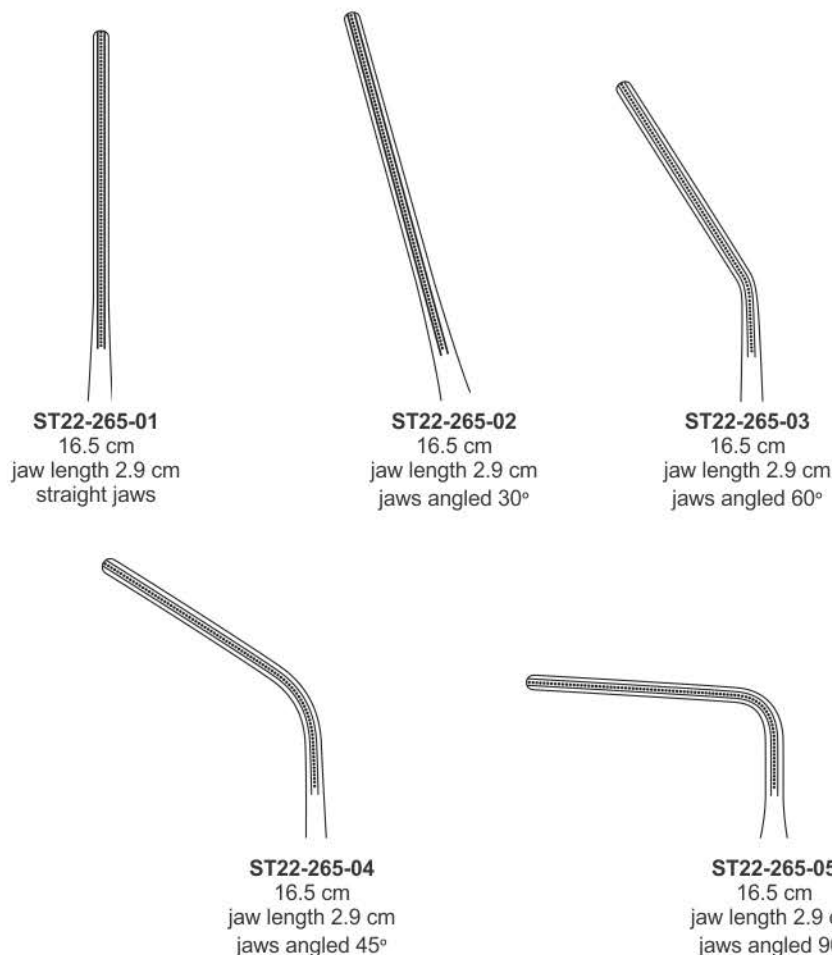
Abrazaderas Bulldog, Fórceps Vasculares

Pinces Bulldog, pincers vasculaires

Morsetti Bulldog, pinza vascolare



**Debakey Ring Handled Bulldog Clamps
& Atraumatic Vascular Forceps**



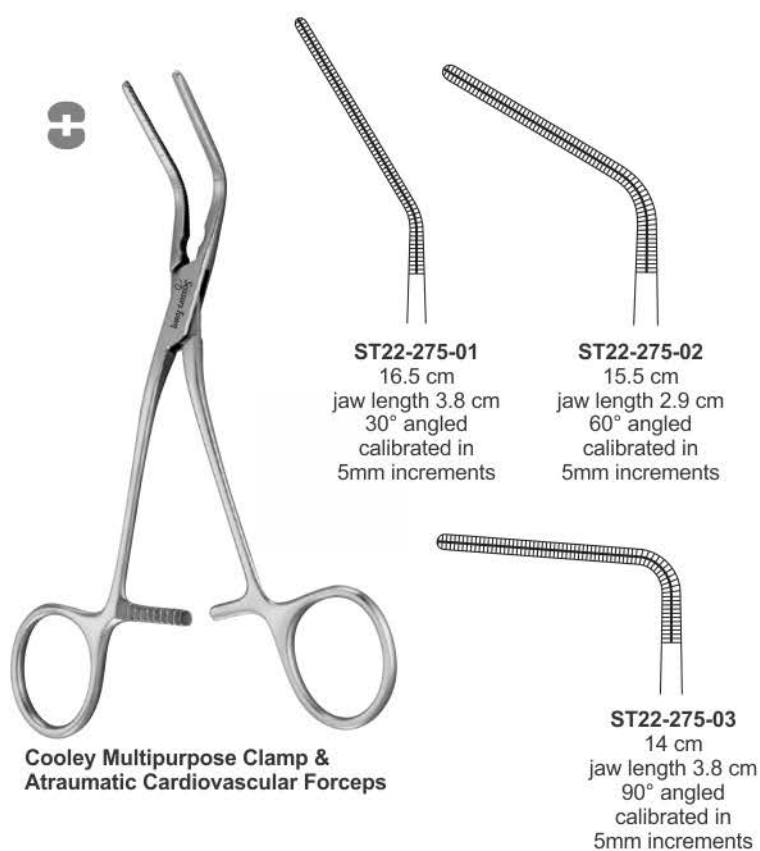
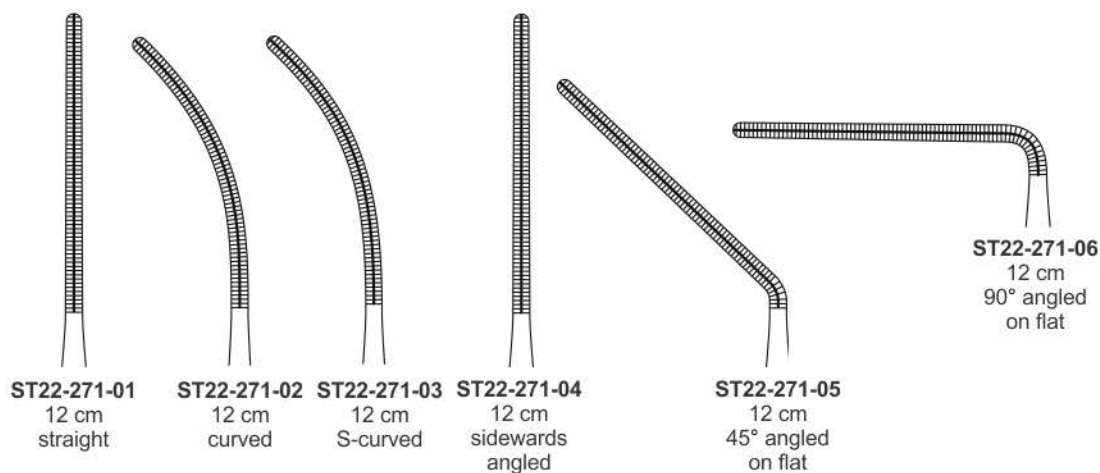
**Debakey Miniature Clamps
& Atraumatic Vascular Forceps**

Mehrzweckklemmen, Pädiatrie
Pincas multi-usages, pédiatriques

Abrazaderas multiusos, pediátricas
Morsetti multuso, pediatrici



Cooley Multipurpose Clamp & Atraumatic Cardiovascular Forceps

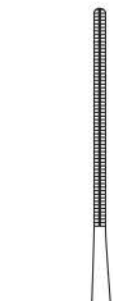


Empfindliche Gefäßklemmen, Mehrzweckklemmen
Pinces vasculaires délicates, pinces multi-usages

Pinzas vasculares delicadas, pinzas multiusos
Morsetti vascolari delicati, morsetti multuso

Cooley Multipurpose Clamp & Atraumatic Cardiovascular Forceps

C



ST22-277-01
16.5 cm
jaw length 3.2 cm
Straight jaws Fig. 1



ST22-277-02
16.5 cm
jaw length 3.2 cm
angled 30° Fig. 2



ST22-277-03
16.5 cm
jaw length 3.2 cm
angled 60° Fig. 3



ST22-277-04
16.5 cm
jaw length 3.2 cm
angled 90° Fig. 4

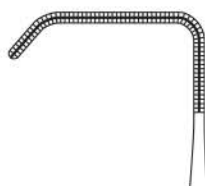


ST22-277-05
16.5 cm
jaw length 3.2 cm
slight curve Fig. 5

Cooley Double Angled Vascular Clamp & Atraumatic Cardiovascular Forceps



ST22-277-06
16.5 cm
jaw length 2.5 cm
depth 6.8mm
angled 90° Fig. 6



ST22-277-07
16.5 cm
jaw length 3.2 cm
depth 6.8mm
angled 90° Fig. 7



ST22-277-08
16.5 cm
jaw length 3.5 cm
depth 1.3 cm
Fig. 8



ST22-277-09
16.5 cm
jaw length 2.2 cm
depth 10mm Fig. 9

Cooley Multipurpose Clamp & Atraumatic Cardiovascular Forceps



ST22-279-01
16.5 cm
jaw length 3.2 cm
Straight jaws Fig. 1
angled on flat



ST22-279-02
16.5 cm
jaw length 3.2 cm
angled 30° Fig. 2
angled on flat



ST22-279-03
16.5 cm
jaw length 3.2 cm
angled 60° Fig. 3
angled on flat



ST22-279-04
16.5 cm
jaw length 3.2 cm
angled 90° Fig. 4
angled on flat



ST22-279-05
16.5 cm
jaw length 3.2 cm
slight curve Fig. 5
angled on flat

Cooley Double Angled Vascular Clamp & Atraumatic Cardiovascular Forceps



angled on flat



ST22-279-06
16.5 cm
jaw length 2.5 cm
depth 6.8mm
angled 90° Fig. 6



ST22-279-07
16.5 cm
jaw length 3.2 cm
depth 6.8mm
angled 90° Fig. 7



ST22-279-08
16.5 cm
jaw length 3.5 cm
depth 1.3 cm
Fig. 8



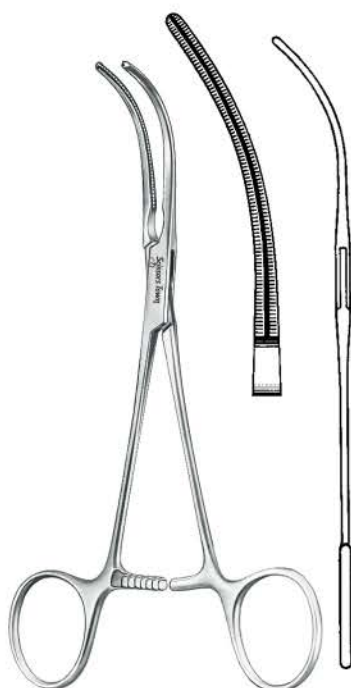
ST22-279-09
16.5 cm
jaw length 2.2 cm
depth 10mm
Fig. 9

Anastomoseklemmen, Mehrzweck-Gefäßklemmen, Neugeborenenklemmen
Pinces d'anastomose, pinces vasculaires polyvalentes, pinces néonatales

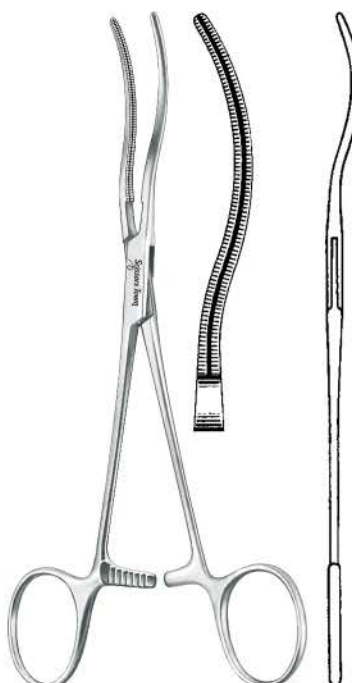
Pinzas de anastomosis, pinzas vasculares multiusos, pinzas neonatales
Morsetti per anastomosi, Morsetti vascolari multiuso, Morsetti neonatali



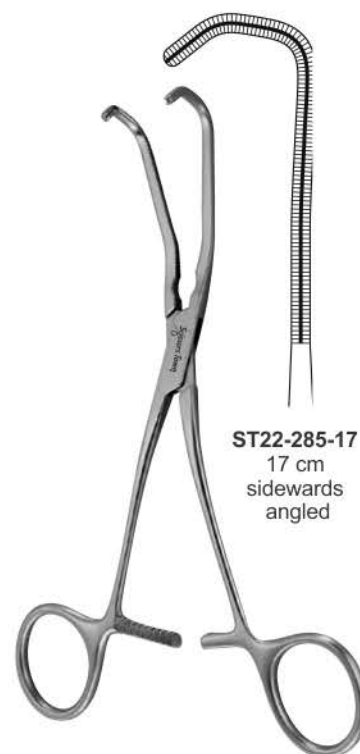
Cooley
Multi purpose Vascular Clamp
ST22-281-17
17 cm



Cooley
Multi purpose Vascular Clamp
curved
ST22-282-17 17 cm



Cooley
Multi purpose Vascular Clamp
ST22-283-17
17.5 cm



ST22-285-17
17 cm
sideways
angled
**Cooley Vascular Clamp &
Atraumatic Cardiovascular Forceps**



Cooley
Anastomosis Clamp
ST22-286-17
17 cm



Cooley Neonatal Vascular clamp
12.7cm
ST22-289-01 3.8cm straight jaws, straight shanks
ST22-289-02 3.8cm angled shanks, straight jaws
ST22-289-03 3.8cm curved shanks, angled jaws
ST22-289-04 3.8cm straight shanks, full curved jaws



Cooley Neonatal Vascular clamp
ST22-290-12 12 cm
jaw length 2.9 cm
straight shanks,
partial occlusion jaws

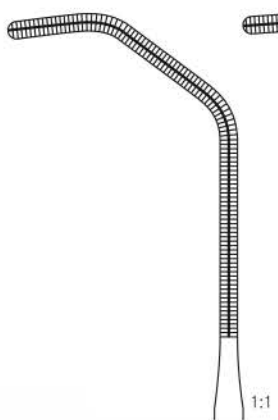
Mehrzweckklemmen, Herz-Kreislauf-Zange
Pincas multi-usages, pincas cardiovasculaires

Pinzas multiusos, pinzas cardiovasculares
Morsetti multuso, pinze cardiovascolari

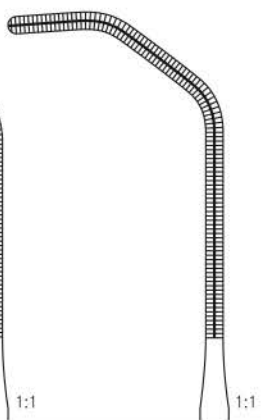
C



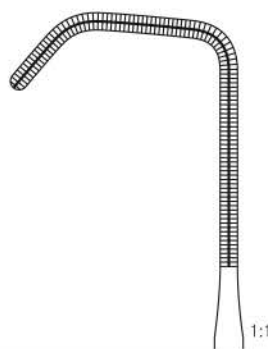
Cooley Vascular Clamp & Atraumatic Cardiovascular Forceps



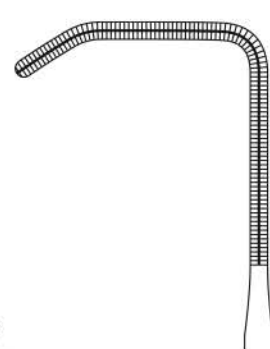
ST22-291-01
16.5 cm
jaw length 3.2 cm
jaw depth 7mm
angled 60° small



ST22-291-02
16.5 cm
jaw length 3.7 cm
jaw depth 7mm
angled 60° large



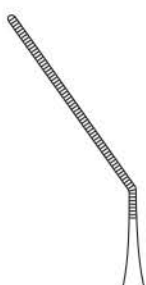
ST22-291-03
16.5 cm
jaw length 2.7 cm
jaw depth 7mm
angled 90° small



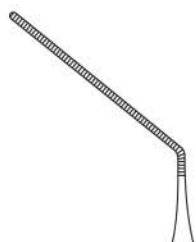
ST22-291-04
16.5 cm
jaw length 3.2 cm
jaw depth 7mm
angled 60° large



Castaneda Multipurpose Clamp & Atraumatic Cardiovascular Forceps



ST22-295-30
12.7 cm
jaw length 3.5 cm
jaw angled 30°



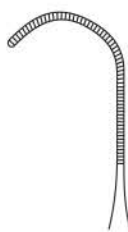
ST22-295-50
12.7 cm
jaw length 3.5 cm
jaw angled 50°



ST22-295-90
12.7 cm
jaw length 3.5 cm
jaw angled 90°



ST22-295-00
12.7 cm
jaw length 3.5 cm
straight



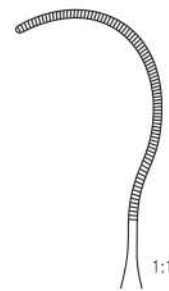
ST22-296-01
14.6 cm
jaw length 1.5 cm
depth 5mm



ST22-296-02
15.2 cm
jaw length 1.8 cm
depth 6mm



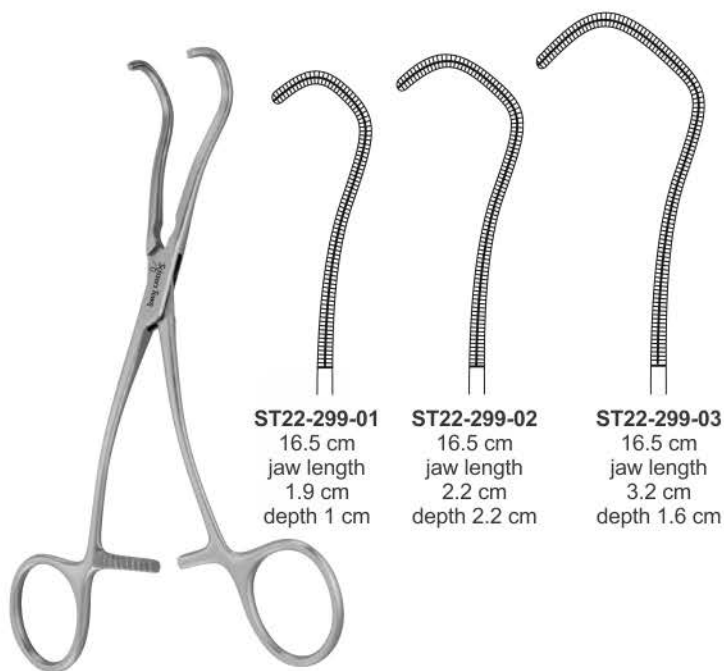
ST22-296-03
15.6 cm
jaw length 2.1 cm
depth 7mm



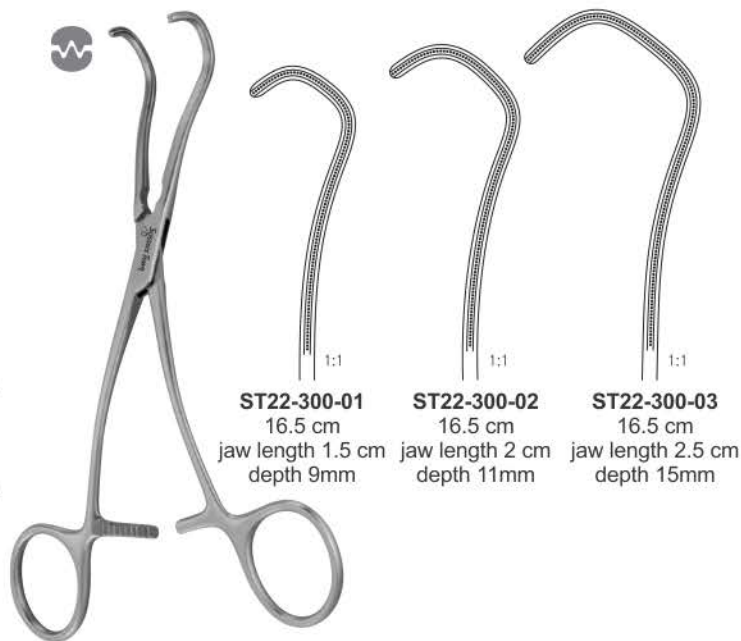
ST22-296-04
12.4 cm
jaw length 2.4 cm
depth 8mm
spoon-shape

Mehrzweckklemmen, Herz-Kreislauf-Zange
Pincas multi-usages, pincas cardiovasculaires

Pinzas multiusos, pinzas cardiovasculares
Morsetti multuso, pinze cardiovascolari



Cooley - Derra Vascular Clamp & Atraumatic Cardiovascular Forceps



Derra Anastmosis Clamps & Atraumatic Vascular Forceps



Beck Aorta Clamps & Atraumatic Vascular Forceps

Periphere Gefäßklemme, Koarktationszange

Pinza vascular periférica, fórceps de coartación

Pince vasculaire périphérique, pince à coarctation

Morsetto vascolare periferico, pinza di coartazione



ST22-303-20
20 cm
jaw length
30mm,
straight shanks



ST22-303-22
22 cm
jaw length
50mm,
straight shanks

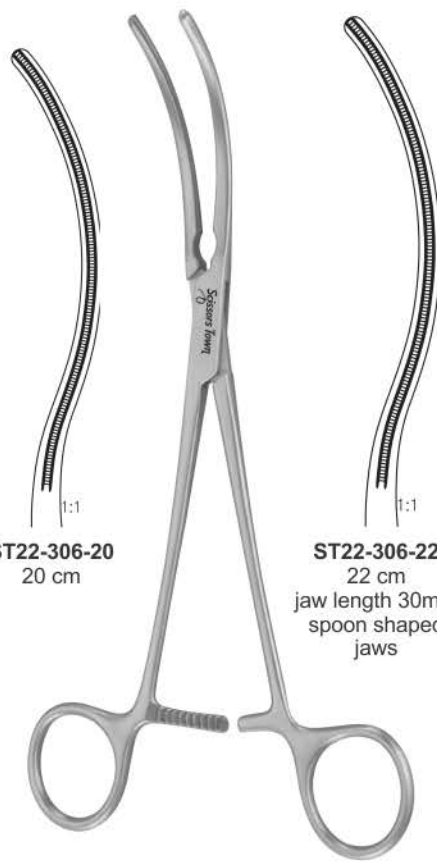


ST22-304-20
20 cm
jaw length
30mm,
angled shanks



ST22-304-22
22 cm
jaw length
50mm,
angled shanks

**Potts Atraumatic Tissue
Clamp Forceps**



ST22-306-20
20 cm

ST22-306-22
22 cm
jaw length 30mm
spoon shaped
jaws

**Potts Atraumatic Tissue
Clamp Forceps**



Husfeldt
Peripheral Vascular Clamp
ST22-308-18 18 cm



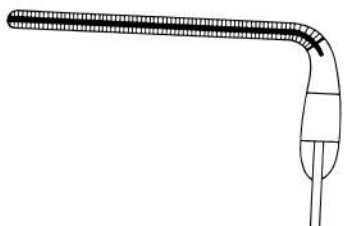
Husfeldt
Peripheral Vascular Clamp
ST22-309-18 18 cm



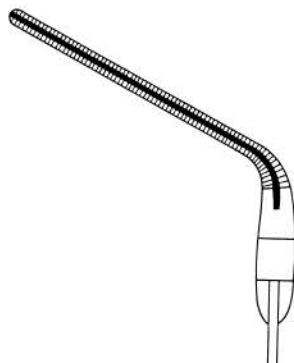
Husfeldt
Peripheral Vascular Clamp
ST22-310-18 18 cm



Cooley Multipurpose Clamps
calibrated in 5mm increments



ST22-313-90
14 cm
jaw length
3.8 cm
angled 90°



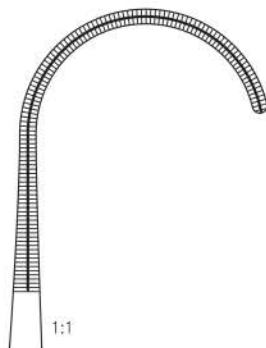
ST22-313-60
15.6 cm
jaw length
2.9 cm
angled 60°



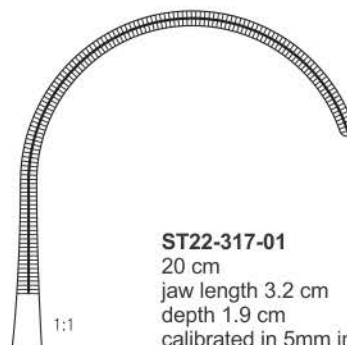
ST22-313-30
16.5 cm
jaw length
3.8 cm
angled 30°



Cooley Multipurpose Curved Clamps



ST22-315-16
16cm
ST22-316-20
20 cm
jaw length 3.2 cm
depth 1.6 cm
calibrated in 5mm increments



ST22-317-01
20 cm
jaw length 3.2 cm
depth 1.9 cm
calibrated in 5mm increments

ST22-317-02
24 cm
jaw length 3.8 cm
half the distance from
the distal tip

ST22-317-03
23 cm
jaw length 5.4 cm
half the distance from
the distal tip

ST22-317-04
24 cm
jaw length 3.8 cm
angled 60°
the distal tip

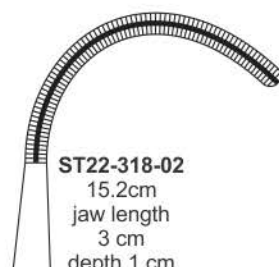
Gefäßzange, Coarctation Pinzette
Pince vasculaire, Pince à coarctation

Pinzas vasculares, pinzas de coartación
Pinze vascolari, pinze di coartazione

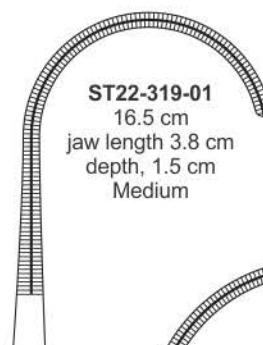
+



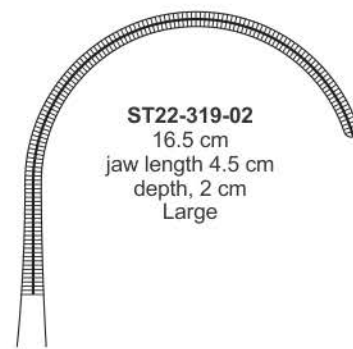
ST22-318-01
15.2 cm
jaw length
2.5 cm
depth 1 cm



ST22-318-02
15.2cm
jaw length
3 cm
depth 1 cm



ST22-319-01
16.5 cm
jaw length 3.8 cm
depth, 1.5 cm
Medium



ST22-319-02
16.5 cm
jaw length 4.5 cm
depth, 2 cm
Large

Cooley Beck Vessel Clamps & Atraumatic Cardiovascular Forceps

Cooley Acutely Curved Clamps & Atraumatic Cardiovascular Forceps



ST22-321-01
17 cm
jaw length
3.8 cm
straight



ST22-321-02
17 cm
jaw length
3.8 cm
curved



ST22-321-03
17 cm
jaw length
3.8 cm
S curved



Cooley Coarctation Clamp
ST22-322-17 17 cm
jaw length 3.8 cm
angled shank

Cooley Coarctation Clamp

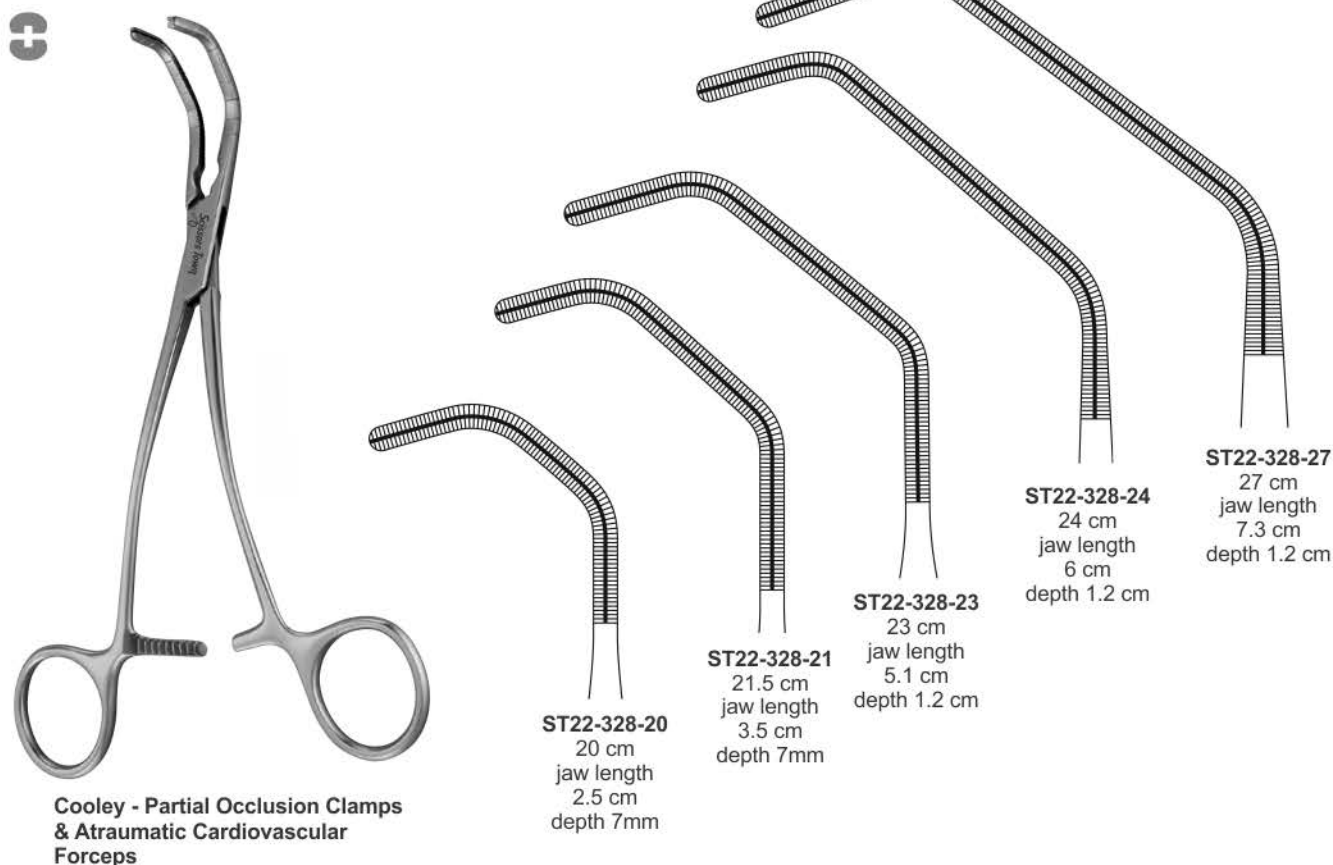
Mehrzweckklemmen, Herz-Kreislauf-Zange
Pinces multi-usages, Pinces cardiovasculaires

Pinzas multiusos, pinzas cardiovasculares
Morsetti multiuso, pinze cardiovascolari



Cooley Liliac Forceps & Atraumatic Cardiovascular Forceps

Cooley & Atraumatic Cardiovascular Forceps



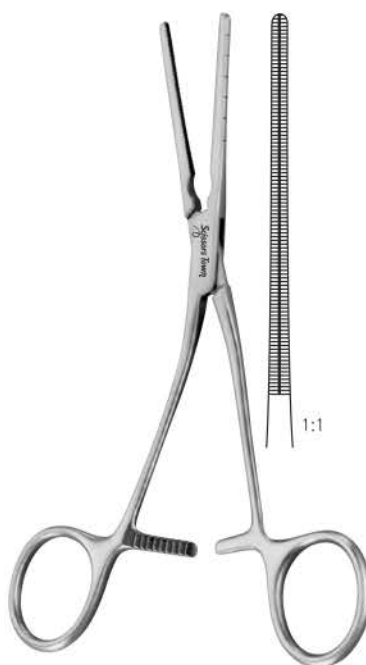
Cooley - Partial Occlusion Clamps & Atraumatic Cardiovascular Forceps

Coarctation und Herz-Kreislauf-Zange
Coarctation et pince cardiovasculaire

Pinzas de coartación y cardiovasculares
Coartazione e pinza cardiovascolare



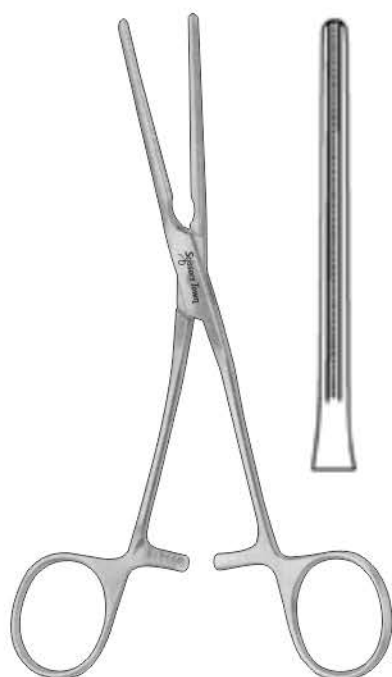
**Cooley Patent Ductus Clamp
& Atraumatic Cardiovascular Forceps**
ST22-331-16 16 cm
jaw length 3.2 cm
straight shanks
ST22-331-22 22 cm
jaw length 3 cm
straight shanks



**Cooley Patent Ductus Clamp &
atraumatic cardiovascular forceps**
angled on flat, graduated
ST22-332-16 16 cm
jaw length 3.2 cm
angled shanks, calibrated
in 5mm increments
ST22-332-22 22 cm
jaw length 3cm angled
shanks, calibrated in
5mm increments



**Debaquey Coarctation
Vascular clamps**
ST22-333-23 23 cm
jaw length 5.4 cm
straight shank



**Debaquey Coarctation
Vascular clamps**
ST22-334-23 23 cm
jaw length 5.4 cm
angled shank



**Debaquey Patent
Ductus Clamp**
ST22-335-20 20 cm
jaw length 3 cm
straight shank



**Debaquey Patent
ductus clamp**
ST22-336-20 20 cm
jaw length 3 cm
angled shank



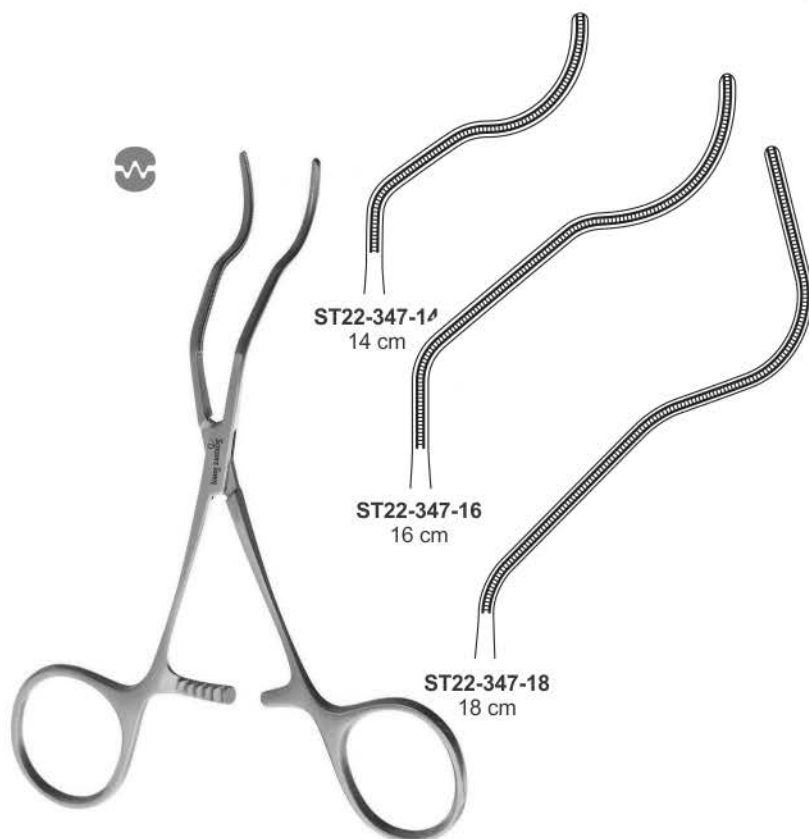
- | | | | | | | |
|--|--|--|--|---|---|---|
| ST22-341-17
17 cm
straight jaw
length 2 cm | ST22-341-20
20 cm
straight jaw
length 3 cm | ST22-341-22
22 cm
straight jaw
length 5.5 cm | ST22-341-25
25.5 cm
straight jaw length
7.5 cm | ST22-342-20
20 cm
angular jaw
length 3 cm
angled on flat | ST22-342-22
22 cm
angular jaw
length 5.5 cm
angled on flat | ST22-342-25
25.5 cm
angular jaw
length 7.5 cm
angled on flat |
|--|--|--|--|---|---|---|

Glover Clamp & Atraumatic Vascular Forceps

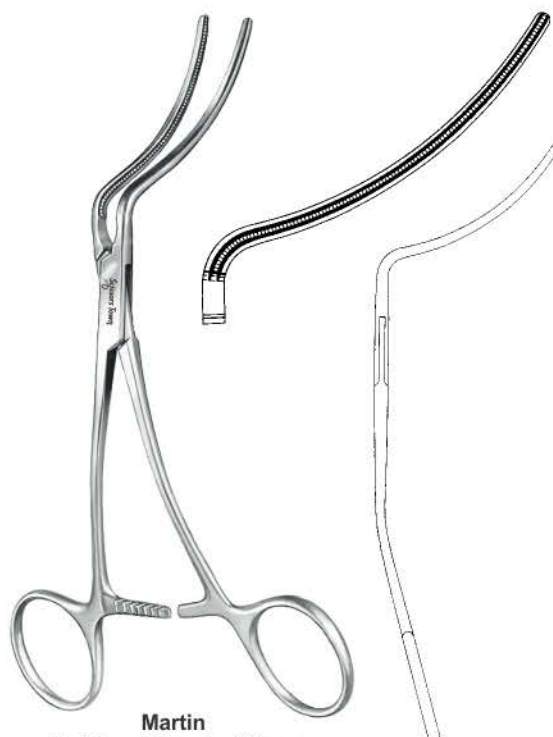


Glover Clamp & Atraumatic Vascular Forceps Curved

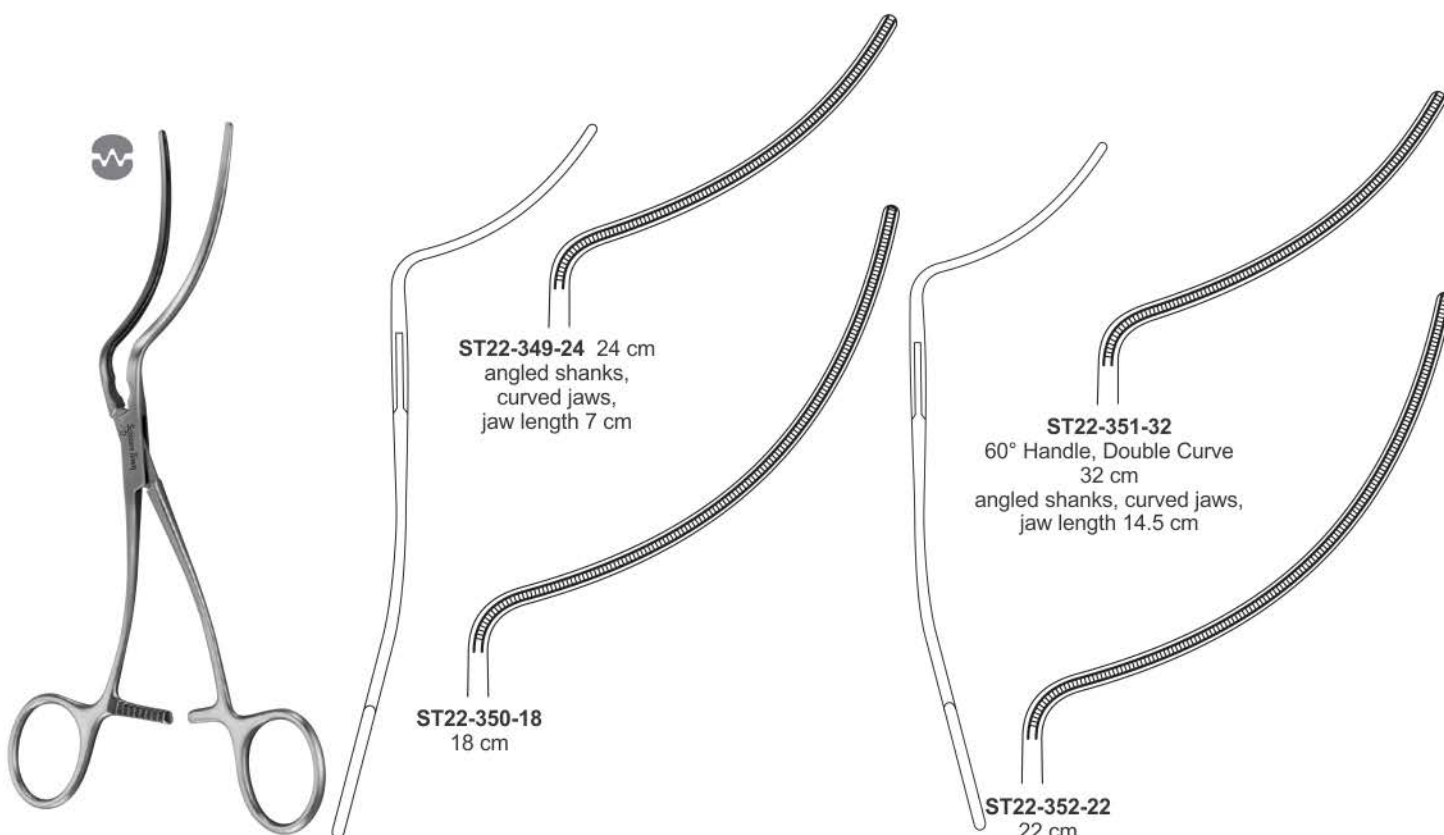
- | | | |
|---|---|---|
| ST22-343-17
17 cm
jaw length 3.8 cm
cooley jaws | ST22-343-21
21.5 cm
jaw length 5.1 cm
cooley jaws | ST22-343-25
25 cm
jaw length 7 cm
cooley jaws |
| ST22-344-18
18.5 cm
right angle, jaw
length 4 cm
cooley jaws | ST22-344-20
20 cm
right angle,
jaw length 5.3 cm
cooley jaws | |



Gregory Profunda Clamps
& Atraumatic Vascular Forceps



Martin
Peripheral Vascular Clamp
ST22-348-16 16.5 cm



De Bakey-Wylie Hypogastric Clamp
& Atraumatic Vascular Forceps

Cherry Supraceliac Clamp
& Atraumatic Vascular Forceps

Vena-Cava-Klemmen, Aorta-Klemme
Pincés de veine cave, pince d'aorte

Abrazaderas de vena cava, abrazadera de aorta
Morsetti Vena Cava, Morsetto Aorta



Satinsky Pediatric Clamp,
ST22-360-14 14 cm
jaw length 2.5 cm
depth 5mm, cooley jaws,



Cooley Aorta Clamp
ST22-362-20 20 cm
jaw length 4.7 cm
depth 1.3 cm
curved shanks



Parsonnet Aorta Clamp
26 cm
ST22-364-01 2.8 cm jaw length
ST22-364-02 3.2 cm jaw length
ST22-364-03 3.8 cm jaw length
ST22-364-04 4.4 cm jaw length



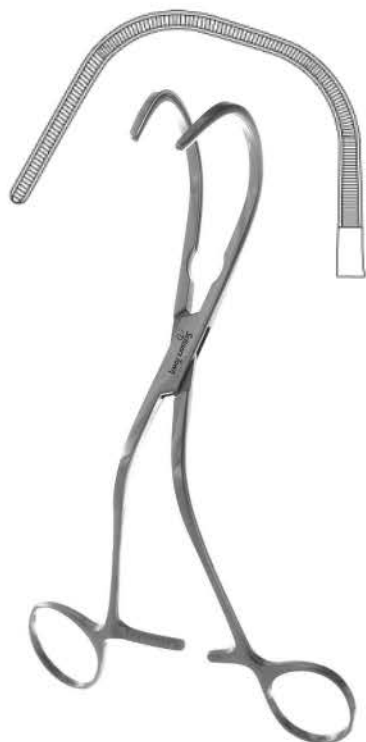
Satinsky Vena Cava Clamps
cross serrated jaws
ST22-365-01 25.5cm jaw length
4.4 cm depth 1.3 cm
ST22-365-02 25.5 cm
jaw length 3.2 cm
depth 9mm



Debaquey Satinsky clamps
ST22-366-01 25.5cm jaw length 5.1 cm
depth 0.9 cm small jaws
ST22-366-02 25.5 cm jaw length 5.4 cm
depth 1.9 cm small jaws
ST22-366-03 25.5 cm jaw length 6 cm
depth 1.9 cm small jaws

Aortenklemme & Gefäßzange
Pince aortique et pince vasculaire

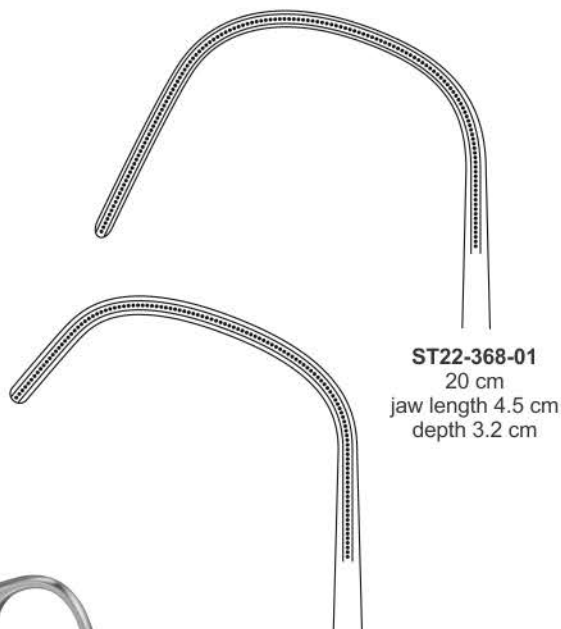
Pinza de aorta y pinzas vasculares
Morsetto aortico e pinza vascolare



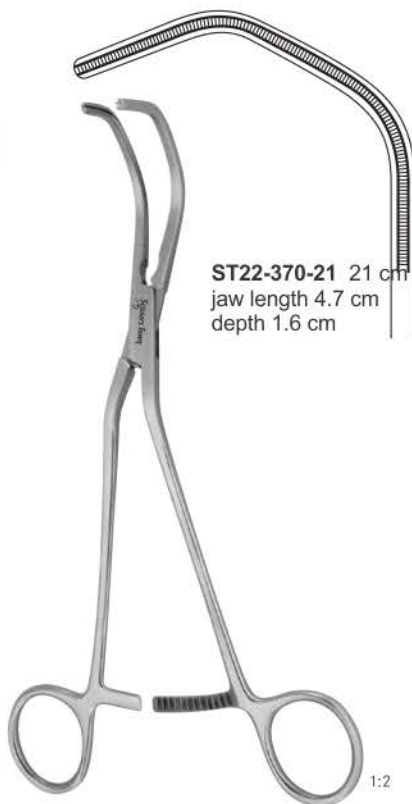
Lambert-Kay Aorta Amastomosis Clamps
20 cm
ST22-367-01 jaw length 4.5 cm
depth 3.2 cm
ST22-367-02 jaw length 4.5 cm
depth 4.5 cm



**Lambert-Kay Aorta Clamp
& Atraumatic Vascular Forceps**

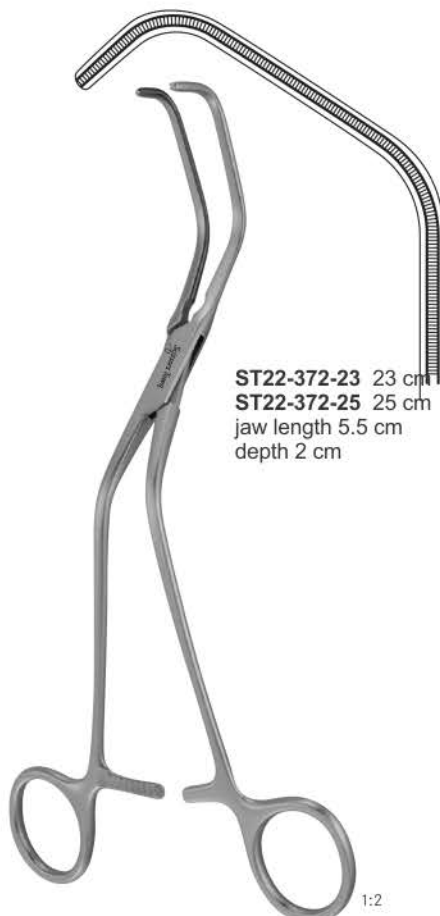


ST22-368-01
20 cm
jaw length 4.5 cm
depth 3.2 cm
ST22-368-02
20 cm
jaw length 4.5 cm
depth 4.9 cm



**Diethrich Aorta Clamp
& Atraumatic Vascular Forceps**

ST22-370-21 21 cm
jaw length 4.7 cm
depth 1.6 cm



**Ochsner Aorta Clamp &
Atraumatic Vascular Forceps**

ST22-372-23 23 cm
ST22-372-25 25 cm
jaw length 5.5 cm
depth 2 cm

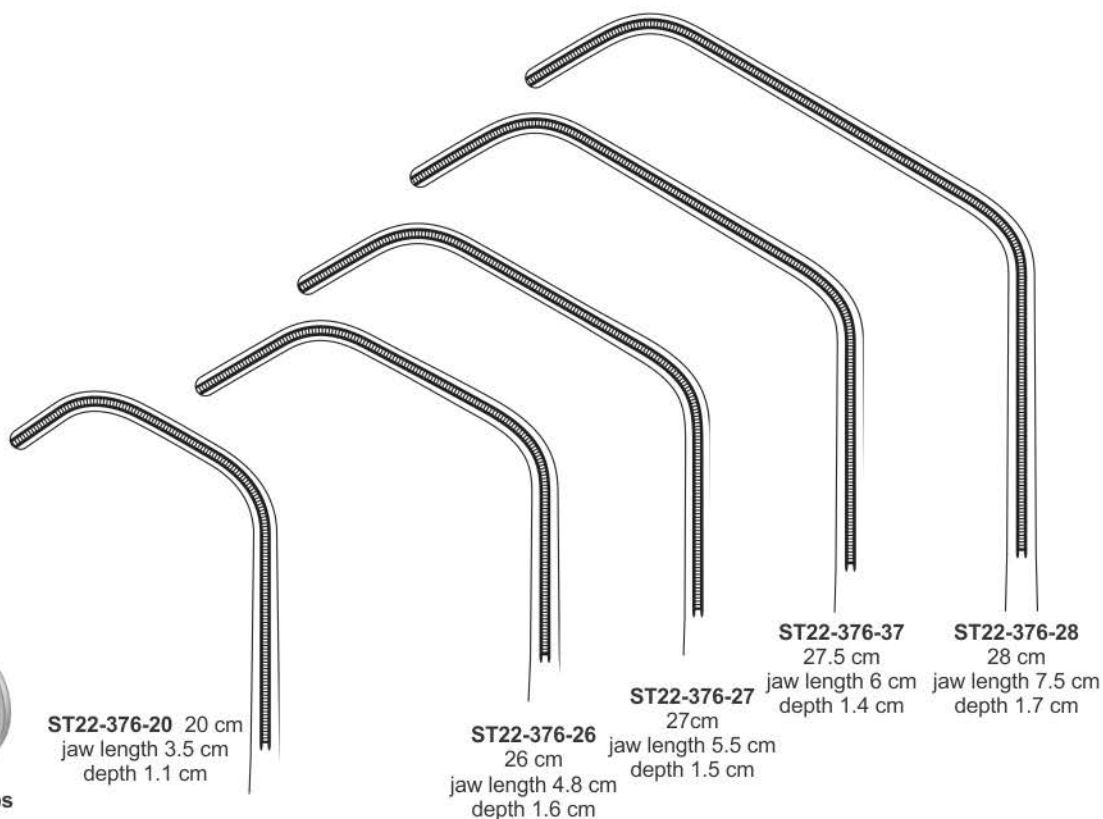


Lemole-Strong Aorta Clamp
21 cm
ST22-374-01 jaw length 4.4 cm
depth 2.2cm straight shanks
ST22-374-02 jaw length 4.4 cm
depth 2.2 cm straight shanks

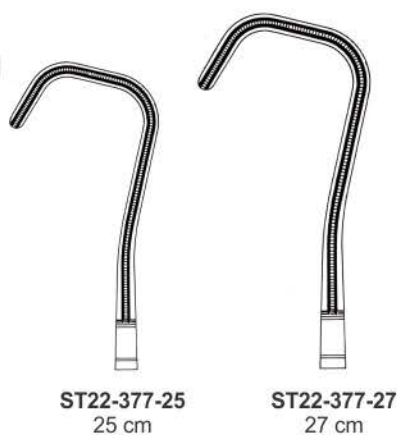
Tangentiale Gefäßzange	Pinzas vasculares tangenciales
Pince vasculaire tangentielle	Forcipe vascolare tangenziale



**Debakey Tangential Occlusion Clamps
& Atraumatic Vascular Forceps**



**Uro-Tangential
Tangential Forceps**



Cooley Tangential Occlusion Clamps
double angled jaws calibrated
in 5mm increments 19.7 cm

ST22-378-01 jaw length 1.9 cm depth 6mm
ST22-378-02 jaw length 2.5 cm depth 7mm
ST22-378-03 jaw length 3.5 cm depth 10mm



Aortenklemme & Gefäßzange
Pince aortique et pince vasculaire

Pinza de aorta y pinzas vasculares
Morsetto aortico e pinza vascolare



**DeBakey Aortic Aneurysm
Clamps & Atraumatic
Vascular Forceps**

ST22-381-24
24 cm
jaw length 7.5 cm
straight jaw

ST22-381-27
27 cm
jaw length 8.5 cm
straight jaw

ST22-381-30
30 cm
jaw length 10 cm
straight jaw

ST22-381-31
31 cm
jaw length 12 cm
straight jaw

ST22-382-24
24 cm
jaw length 7.5 cm
slightly
curved jaw

ST22-382-27
27 cm
jaw length 8.5 cm
slightly
curved jaw

ST22-382-30
30 cm
jaw length 10 cm
slightly
curved jaw

ST22-382-31
31 cm
jaw length 12 cm
slightly
curved jaw



**De Bakey Aortic Aneurysm Clamps
& Atraumatic Vascular Forceps**

ST22-383-24
24 cm
jaw length
7.5 cm,
C-Curved

ST22-383-26
26.5 cm
jaw length
8.5 cm,
C-Curved

ST22-383-30
30 cm
jaw length
10 cm,
C-Curved

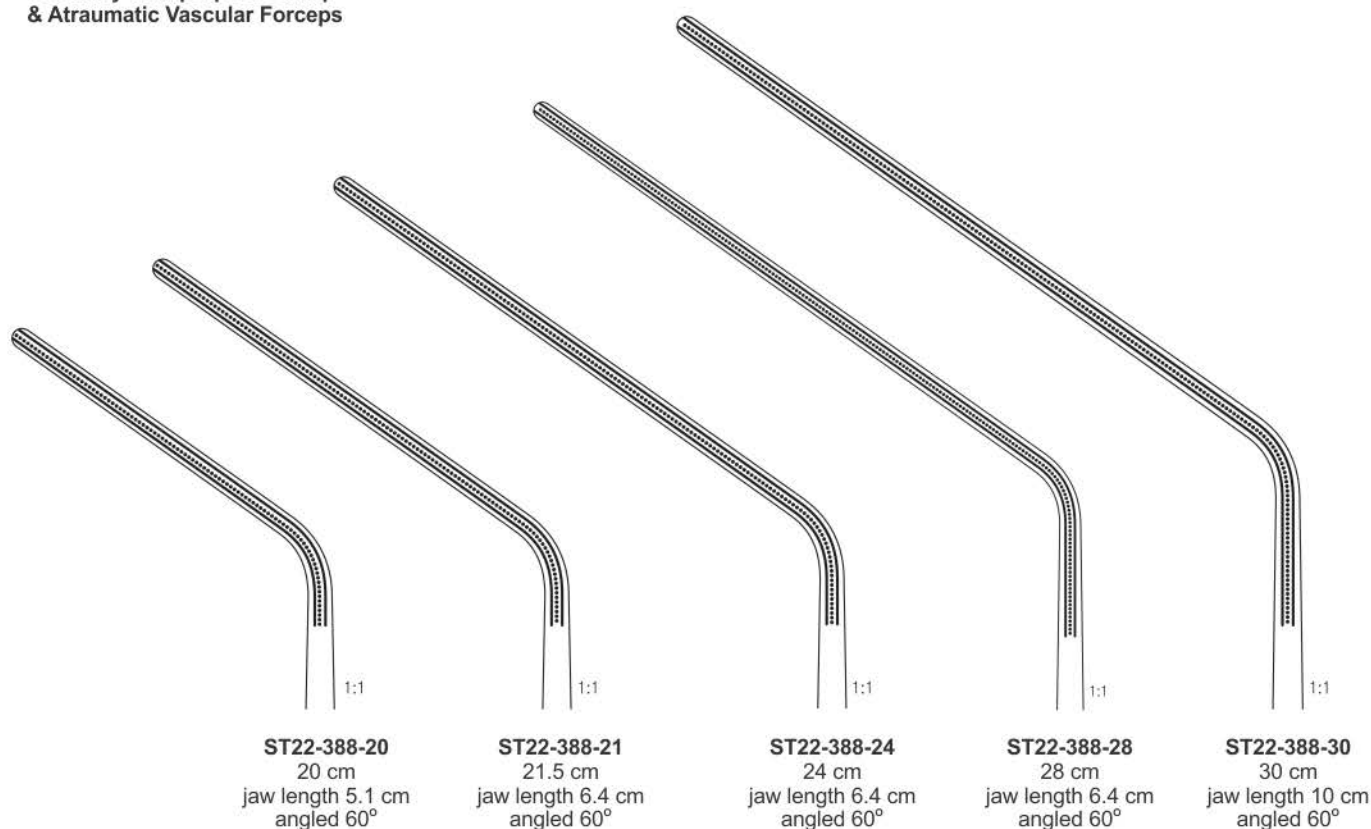
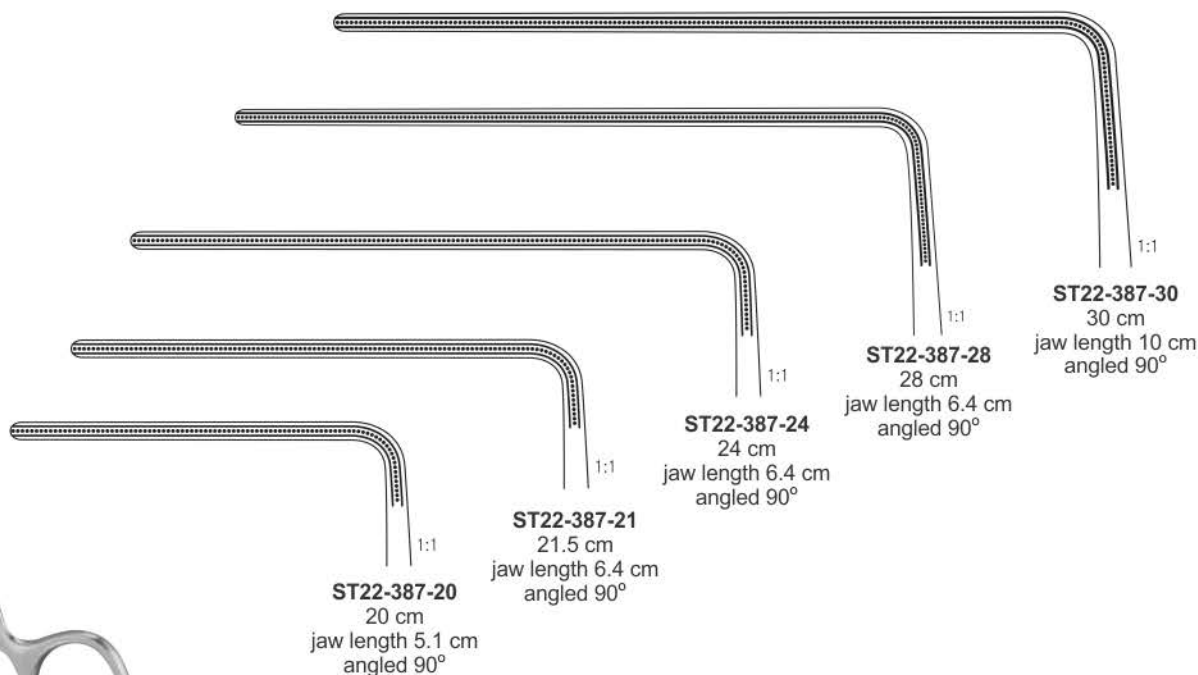
ST22-383-31
31 cm
jaw length
12 cm,
C-Curved



**De Bakey Atraumatic
Vascular Forceps
ST22-384-28 28 cm**



De Bakey Multipurpose Clamp
& Atraumatic Vascular Forceps

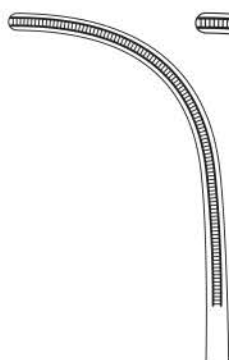


Mehrzweckklemmen, Gefäßzangen
Pincas multi-usages, pincas vasculares

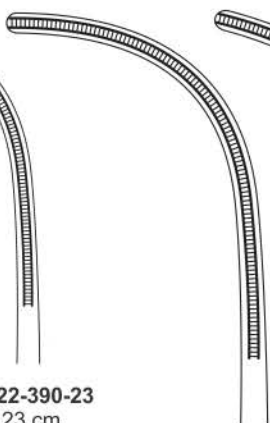
Pinzas multiusos, pinzas vasculares
Morsetti multiuso, pinze vascolari



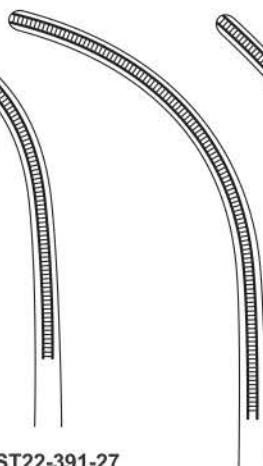
**De Bakey Bahnson Clamp
& Atraumatic Vascular Forceps**



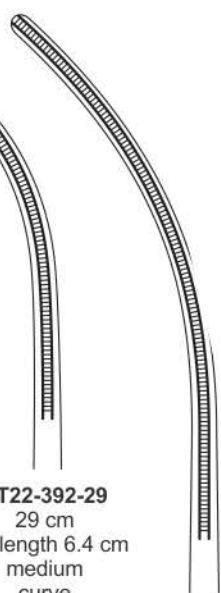
ST22-390-23
23 cm
jaw length 5.5cm
acute curve



ST22-391-27
27 cm
jaw length 6cm
acute curve



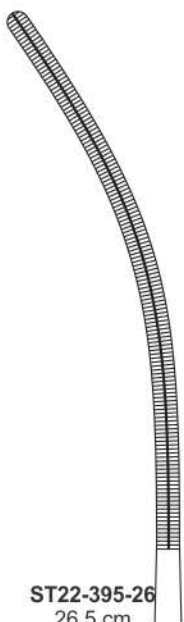
ST22-392-29
29 cm
jaw length 6.4 cm
medium curve



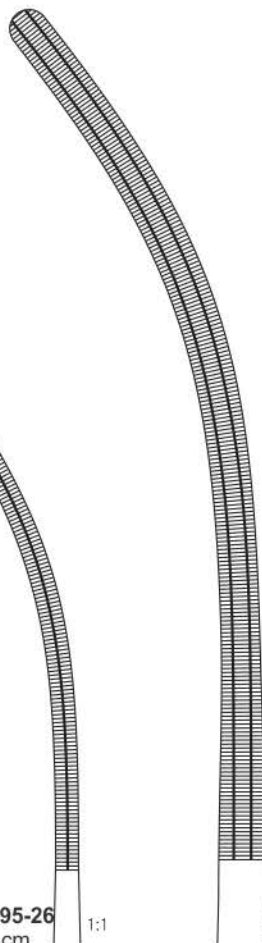
ST22-393-27
27.5 cm
jaw length 7.6 cm
light curve



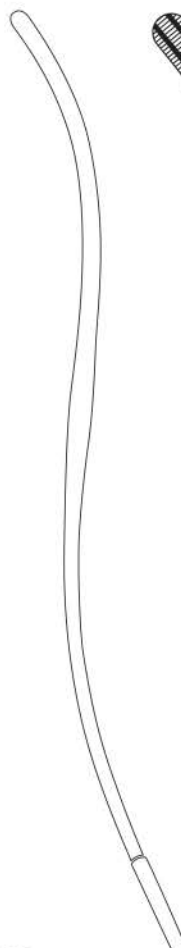
**Cooley & Atraumatic
Cardiovascular Forceps**



ST22-395-26
26.5 cm 1:1



ST22-396-33
33.5 cm



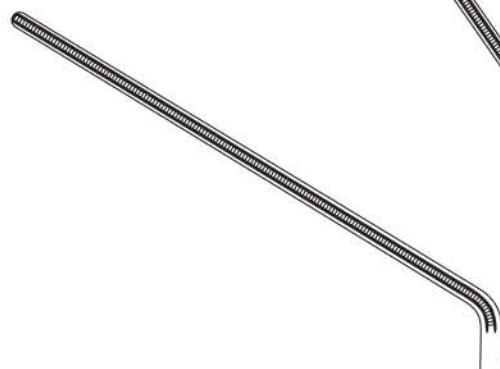
ST22-397-31
31.5 cm
S-curved

Mehrzweckklemmen, Gefäßzangen
Pinces multi-usages, pinces vasculaires

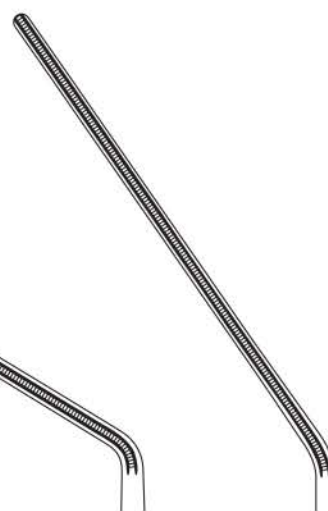
Pinzas multiusos, pinzas vasculares
Morsetti multuso, pinze vascolari



Leland-Jones, Atraumatic Vascular Forceps



ST22-401-45
18 cm
jaw length
7 cm
angled 45°



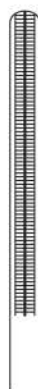
ST22-401-30
18 cm
jaw length
7 cm
angled 30°



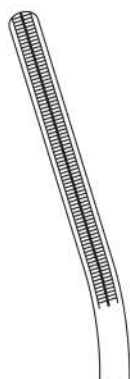
ST22-401-15
18 cm
jaw length
7 cm
angled 15°



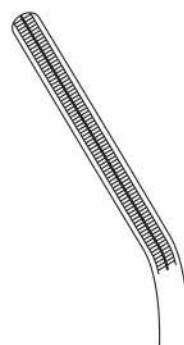
Dardik Multipurpose Clamp
& Atraumatic Vascular Forceps



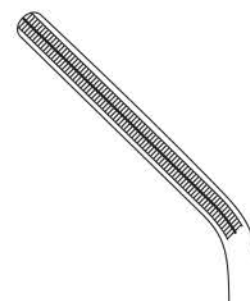
ST22-402-01
17 cm
jaw length 3.9 cm
angled 0°



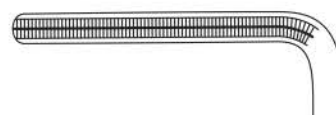
ST22-402-15
17 cm
jaw length 3.9 cm
angled 15°



ST22-402-30
17 cm
jaw length 3.9 cm
angled 30°



ST22-402-45
17 cm
jaw length 3.9 cm
angled 45°



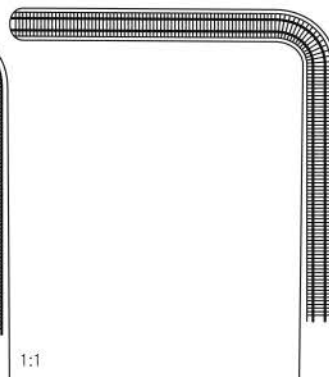
ST22-402-90
17 cm
jaw length 3.9 cm
angled 90°

Aortenklemme & Gefäßzange
Pince aortique et pince vasculaire

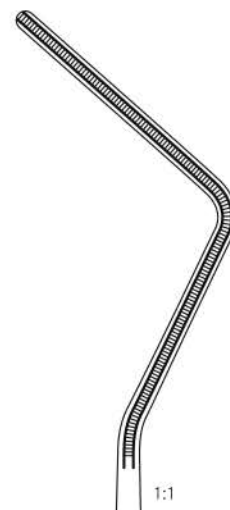
Pinza de aorta y pinzas vasculares
Morsetto aortico e pinza vascolare



ST22-403-23
23 cm
jaw length 4 cm
beyond angle



ST22-404-25
25 cm
jaw length 4 cm
beyond angle

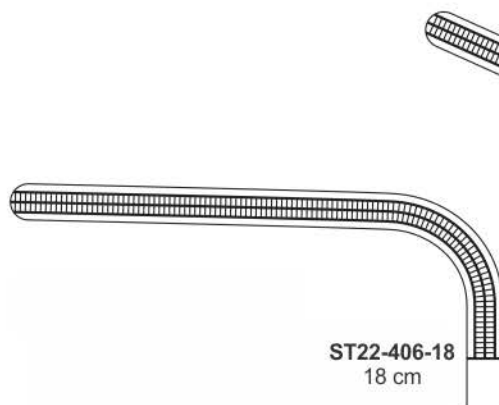


ST22-405-25
25 cm
jaw length 4 cm
beyond angle

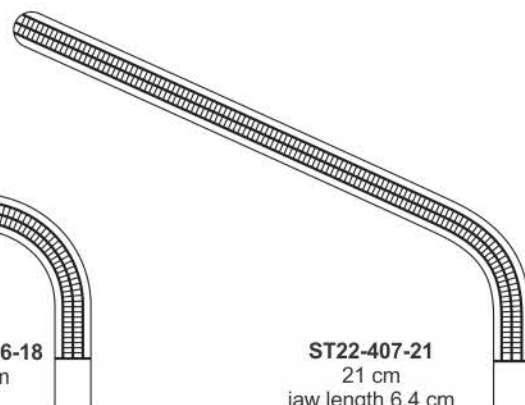
**Lees Right Angle Clamps
& Atraumatic Vascular Forceps**



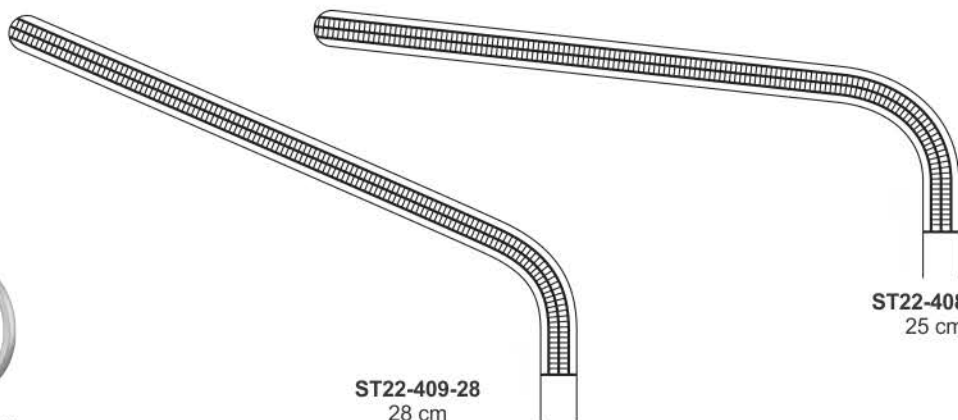
**Morris-De Bakey Aorta Clamp &
Atraumatic Vascular Forceps**



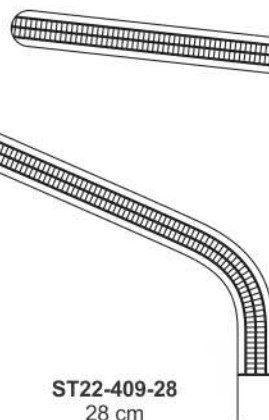
ST22-406-18
18 cm



ST22-407-21
21 cm
jaw length 6.4 cm



ST22-408-25
25 cm



ST22-409-28
28 cm
jaw length 7cm



Cooley Peripheral Vascular Clamp
ST22-411-16 16.5 cm
 jaw length 3.5 cm
 straight jaw



Cooley Peripheral Vascular Clamp
 16.5 cm light jaw angled 55°
ST22-412-01 jaw length 3.5 cm
ST22-412-02 jaw length 4.4 cm



Cooley Peripheral Vascular Clamp
 17.8 cm light jaw angled 55°
ST22-413-01 jaw length 7 cm
ST22-413-02 jaw length 4.4 cm



Cooley Peripheral Vascular Clamp
ST22-414-16 16 cm
 jaw length 3cm, curved jaw



Debakey Peripheral Vascular Clamp
ST22-416-17 17.8 cm
 jaw length 6 cm
 slight curve in shank and angled jaw



Debakey Peripheral Vascular Clamp
ST22-417-15 15 cm
 jaw length 4.8 cm
 curved jaw

Periphere Gefäßklemmen, Aortenklemme

Clamps Vasculaires Périphériques, Clamp Aorte

Pinzas vasculares periféricas, pinza de aorta

Morsetti vascolari periferici, morsetto aortico



Debakey Peripheral Vascular Clamp

ST22-418-20 20 cm

jaw length 8.5cm

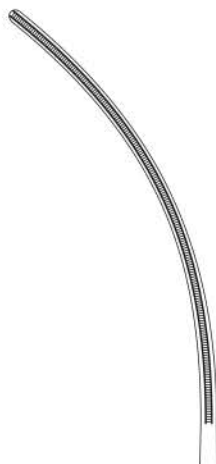
S- shape



Debakey Peripheral Vascular Clamp & Forceps

ST22-419-30 30 cm

jaw length 8cm S-Curved



Selman Peripheral Blood Vessel Forceps

ST22-421-01 12.7 cm jaw length 1.3 cm straight cooley jaws

ST22-421-02 14 cm jaw length 2.3 cm straight cooley jaws

ST22-422-01 12.7 cm jaw length 1.3 cm angled cooley jaws

ST22-422-02 14 cm jaw length 2.3 cm angled cooley jaws



Zanger Abdominal Aorta Clamp

ST22-425-22 22 cm jaw length 6.5 cm

ST22-425-25 25 cm jaw length 8.5 cm

ST22-425-30 30 cm jaw length 10.5 cm



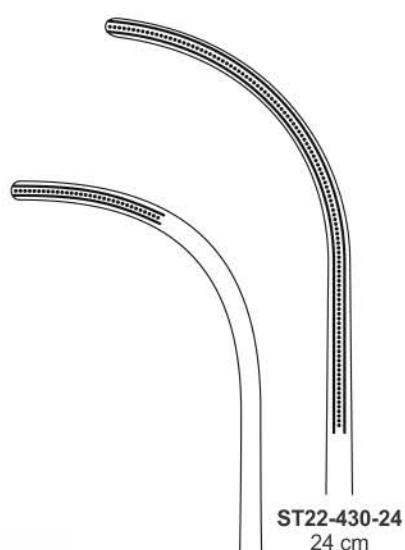
Wylie abdominal Aorta Clamp

ST22-426-26 26.5 cm

jaw length 4 cm



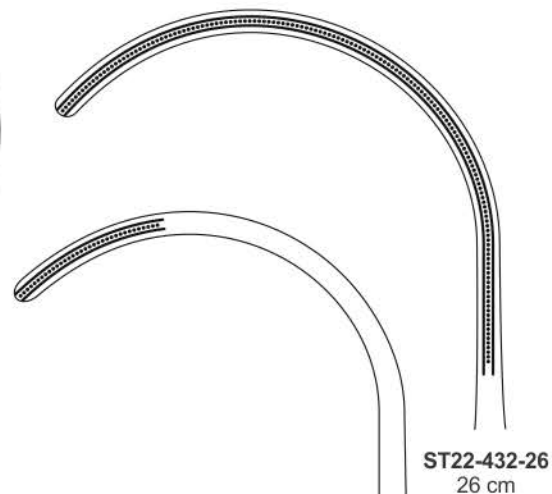
De Bakey - Semb Atraumatic Vascular Forceps



ST22-429-24
24 cm



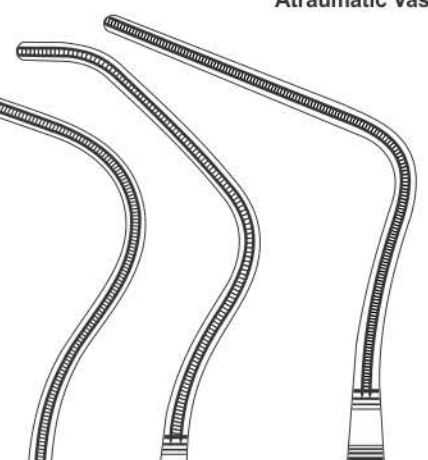
De Bakey Semb Ligature Carrier Atraumatic Vascular Forceps



ST22-431-25
25 cm
jaw length 5.7 cm
length of serrations 1.5 cm



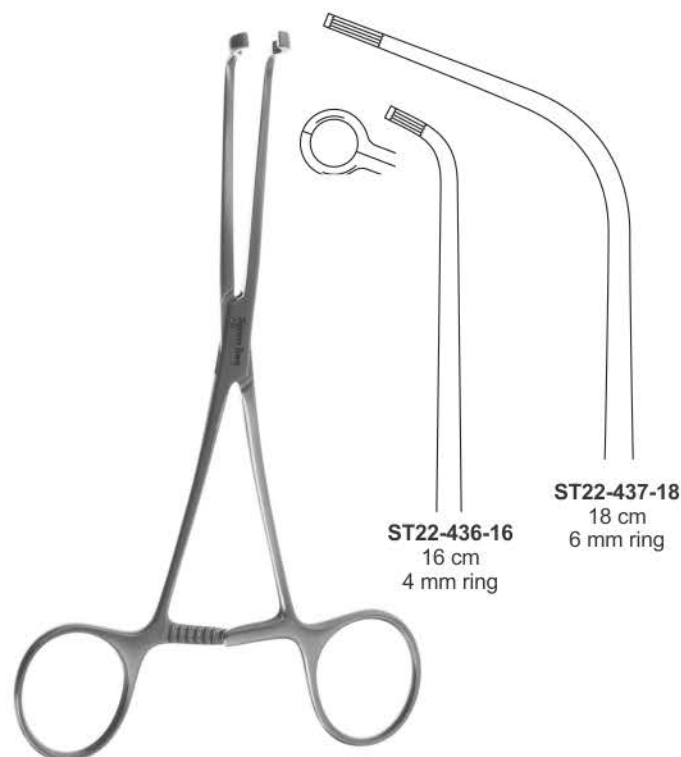
ST22-434-01
Fig. 1



ST22-434-03
Fig. 3

ST22-434-04
Fig. 4

Harken Auricle Clamp
24 cm Curved



ST22-436-16
16 cm
4 mm ring

ST22-437-18
18 cm
6 mm ring

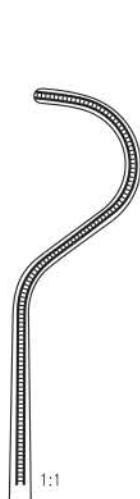
Javid Carotid Artery Bypass Clamps & Atraumatic Vascular Forceps

Gefäßzangen, Mehrzweckklemmen
Pinces vasculaires, pinces multi-usages

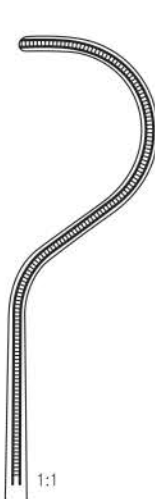
Fórceps vasculares, abrazaderas multiusos
Pinze vascolari, pinze multiuso



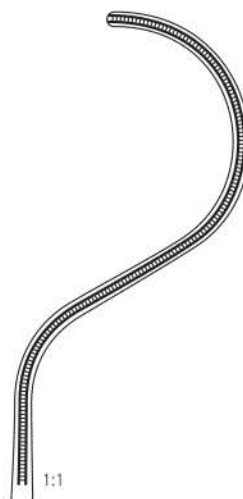
**Dale Femoral-Popliteal Clamps
& Atraumatic Vascular Forceps**



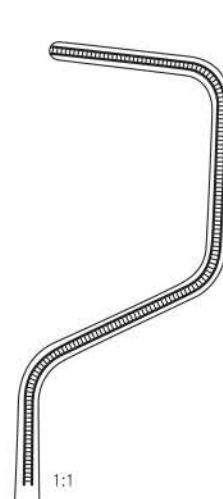
ST22-439-13
18 cm
depth 1.3 cm
small



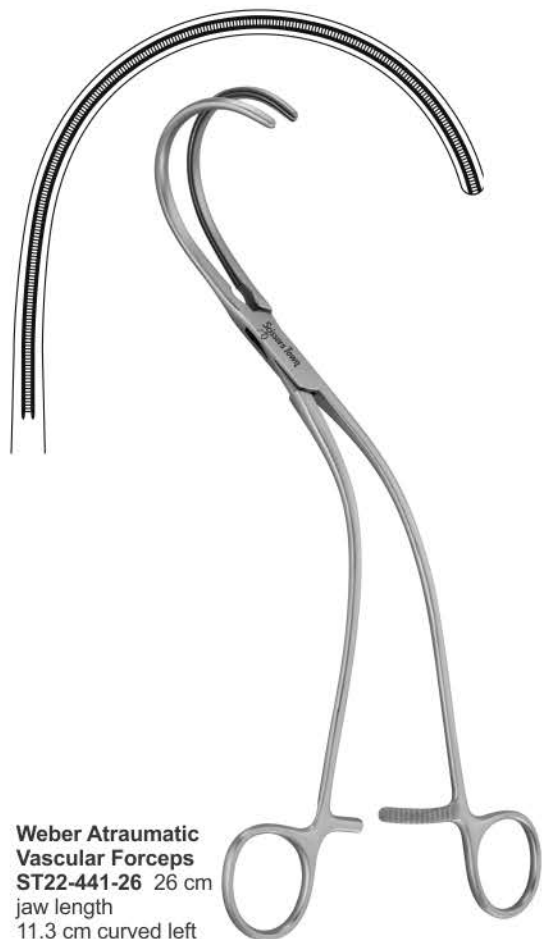
ST22-439-19
18 cm
depth 1.9 cm
medium



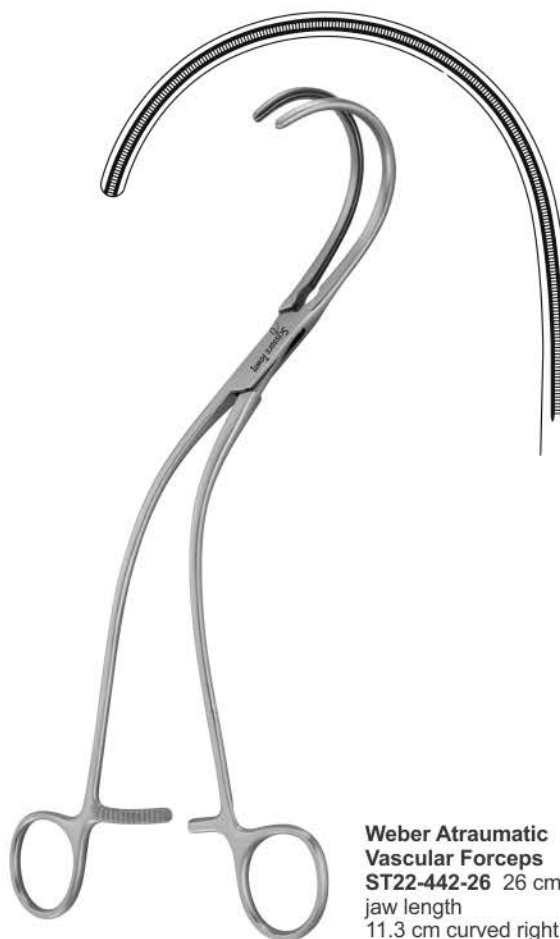
ST22-439-25
18 cm
depth 2.5 cm
large



**Wylie "J" Clamp &
Atraumatic Vascular Forceps**
ST22-440-21 21 cm
curved shanks,
jaw length 4.5 cm
depth 3.5 cm



**Weber Atraumatic
Vascular Forceps**
ST22-441-26 26 cm
jaw length
11.3 cm curved left



**Weber Atraumatic
Vascular Forceps**
ST22-442-26 26 cm
jaw length
11.3 cm curved right



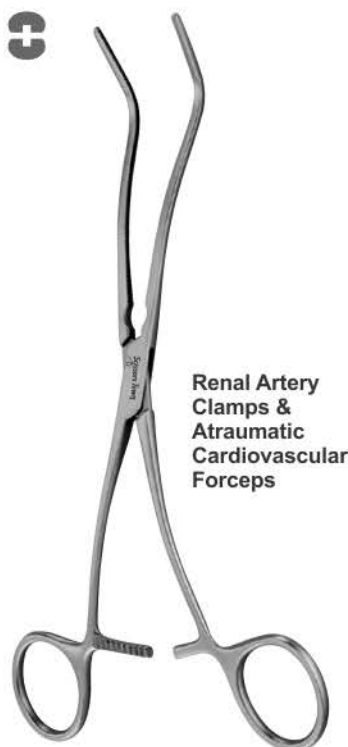
Hopkins Aorta clamp
ST22-445-27 27 cm
jaw length 7 cm
cooley jaws angled 45°
to the side



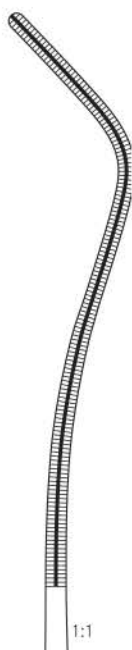
Glover Spoon Shaped Clamp
jaw length 4 cm, standard
ST22-446-21 21.5 cm
ST22-446-24 24 cm



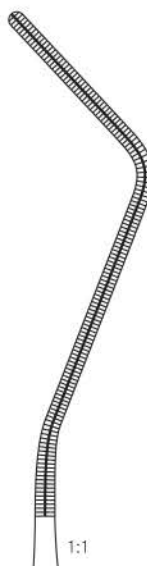
Glover Auricular Appendage Clamp
ST22-447-23 23 cm
jaw length 4.7 cm, depth 7mm



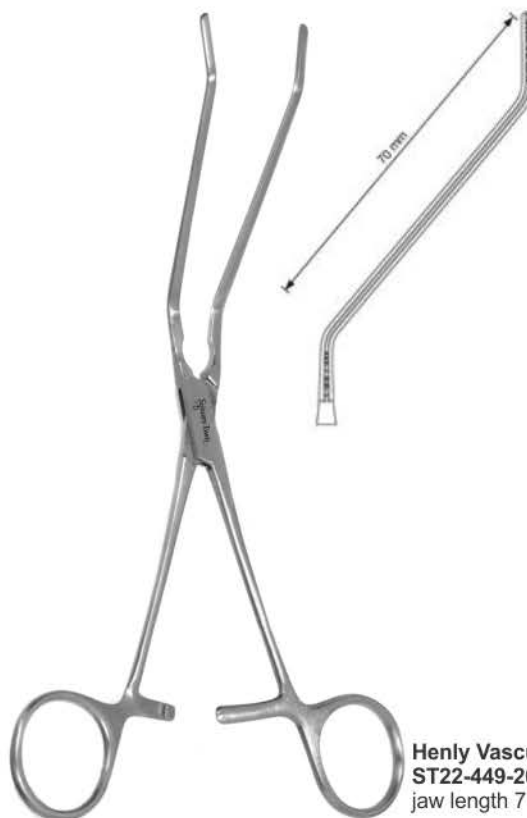
**Renal Artery
Clamps &
Atraumatic
Cardiovascular
Forceps**



ST22-448-19
19 cm
jaw length 6.5 cm



ST22-448-02
18.4cm
jaw length 5.8 cm



Henly Vascular Clamp
ST22-449-20 20 cm
jaw length 7 cm

Mehrzweckklemmen
Pinces multi-usages

Abrazaderas multiusos
Morsetti multiuso



**Cooley-Baumgarten
Aortic Clamp**
ST22-453-19 19 cm
jaw length 6.4 cm
slightly curved jaw
and shank



Cooley Aortic Aneurysm Clamps
ST22-454-01 27 cm
jaw length 7.6 cm
slightly curved jaws
ST22-454-02 25.5 cm
jaw length 7.3 cm
depth 1.9 cm
curved shanks
ST22-454-03 27 cm
jaw length 5.4 cm
depth 1.3 cm curved shanks
ST22-454-04 20 cm
jaw length 4.7 cm
depth 1.3 cm curved shanks



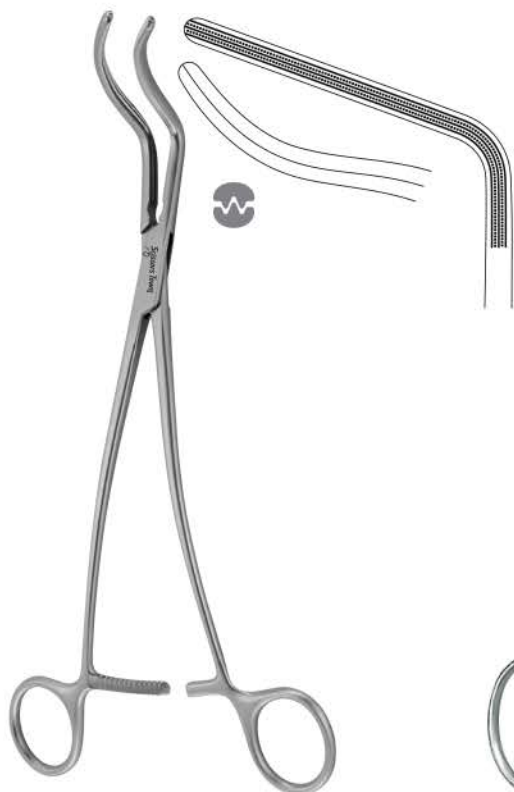
Fitzgerald Aortic Aneurysm Clamps
ST22-455-01 25 cm
jaw length 7.5 cm
slightly curved cooley jaws
ST22-455-02 25 cm
jaw length 8.5 cm
slightly curved cooley jaws
ST22-455-03 30.5 cm
jaw length 10 cm
slightly curved cooley jaws
ST22-455-04 31 cm
jaw length 12 cm
slightly curved cooley jaws



**Howard DeBakey Aortic
Aneurysm Clamp**
ST22-456-31 31.5 cm
jaw length 10 cm

Aortenklemme & Gefäßzange
Pince aortique et pince vasculaire

Pinza de aorta y pinzas vasculares
Morsetto aortico e pinza vascolare



**De Bakey "sidewinder" Aorta Clamp
& Atraumatic Vascular Forceps**
ST22-461-27 27 cm
jaw length 6 cm
Double curved



Subramanian-Miniature
ST22-463-15
Aortic Clamp 135 degree
15.5 cm



Subramanian
ST22-464-16
Aortic Clamp
16 cm



Subramanian "sidewinder"
Aorta clamp
ST22-465-14 14 cm
ST22-465-16 16 cm
jaw length 2.9 cm
double curved jaw



Cooley Right Angle Clamps
11.5 cm
ST22-468-17 jaw length 17mm
ST22-468-25 jaw length 25mm
ST22-468-35 jaw length 35mm



Cooley Vena Cava Catheter Clamp
ST22-470-24 18.7cm 24-fr Child Size
ST22-470-26 18.7cm 26-fr Child Size
ST22-470-28 20.3cm 28-fr Adult Size
ST22-470-30 20.3cm 30-fr Adult Size
ST22-470-32 20.3cm 32-fr Adult Size
ST22-470-34 20.3cm 34-fr Adult Size
ST22-470-36 20.3cm 36-fr Adult Size



De Bakey Vascular Dilator
malleable



0.5 mm Ø
ST22-485-01
19 cm
ST22-486-01
35 cm



1.0 mm Ø
ST22-485-02
19 cm
ST22-486-02
35 cm



1.5 mm Ø
ST22-485-03
19 cm
ST22-486-03
35 cm



2.0 mm Ø
ST22-485-04
19 cm
ST22-486-04
35 cm



2.5 mm Ø
ST22-485-05
19 cm
ST22-486-05
35 cm



3.0 mm Ø
ST22-485-06
19 cm
ST22-486-06
35 cm



3.5 mm Ø
ST22-485-07
19 cm
ST22-486-07
35 cm



4.0 mm Ø
ST22-485-08
19 cm
ST22-486-08
35 cm



4.5 mm Ø
ST22-485-09
19 cm
ST22-486-09
35 cm



5.0 mm Ø
ST22-485-10
19 cm
ST22-486-10
35 cm



7.0 mm Ø
ST22-485-11
19 cm
ST22-486-11
35 cm



9.0 mm Ø
ST22-485-12
19 cm
ST22-486-12
35 cm



0.5 mm Ø
ST22-487-05



1.0 mm Ø
ST22-487-10



1.5 mm Ø
ST22-487-15



2.0 mm Ø
ST22-487-20



2.5 mm Ø
ST22-487-25



3.0 mm Ø
ST22-487-30



4.0 mm Ø
ST22-487-40



5.0 mm Ø
ST22-487-50



Cooley Vascular Dilator
13cm
malleable

Intimaspatel, Gefäßdissektoren, Fasziotomiespatel und -messer

Espátulas íntimas, disectores vasculares, espátula y cuchillo para fasciotomía

Spatules íntima, dissecteurs vasculaires, spatule et couteau de fasciotomie

Spatole Intimi, Dissettori Vascolari, Spatola per Fasciotomia e Coltello



ST22-501-18
Intima Spatula
18.5 cm



Robb
Vascular Dissector
ST22-502-01
double-ended
24 cm
Fig. 1



Robb
ST22-502-02
double-ended
24 cm
Fig. 2



Robb
ST22-502-03
double-ended
24 cm
Fig. 3



Robb
ST22-502-04
double-ended
24 cm
Fig. 4

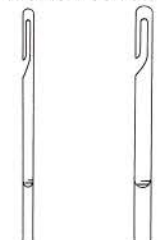


Crile
H11-029-20
Nerve Hooklet
90°
20 cm

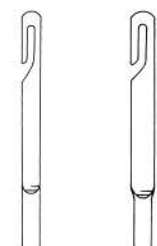


Crile
H11-029-45
45°
20.5 cm

Nerve Hooklets



ST22-505-15 **ST22-505-20**
Ø 1.5 mm Ø 2.0 mm



ST22-505-25 **ST22-505-30**
Ø 2.5 mm Ø 3.0 mm



Ligature Catcher
26 cm



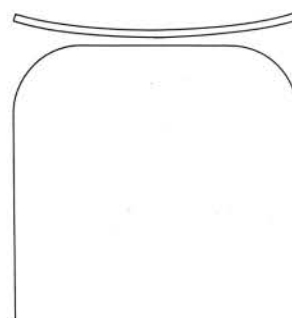
Hach
ST22-508-30
30 cm



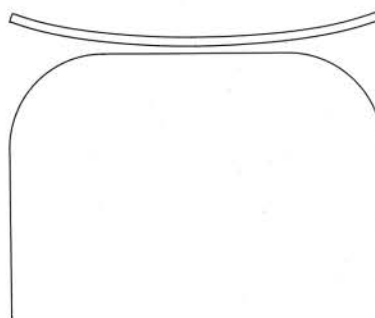
ST22-507-25
25 mm



ST22-507-32
32 mm



ST22-507-40
40 mm



ST22-507-52
52 mm



Hach
ST22-508-30
Fasciotomy
Knife with
plastic handle
30 cm



**Bailey-Gibbon
Rib Contractors
ST22-511-20
20 cm
For Adult**



**Bailey-Gibbon
Rib Contractors
ST22-512-20
20 cm
For children**



**Bailey-Baby
Rib Contractors
ST22-513-15
15 cm**



**Sellers Rib Contractor
ST22-514-20 20 cm**



**LEMMON
ST22-515-18
18cm**



**Blalock
Rib Contractors**



**ST22-518-01
15 cm**



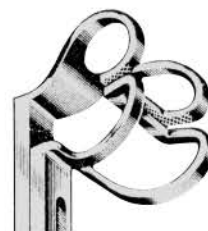
**ST22-518-02
20 cm**



**ST22-518-03
20 cm**



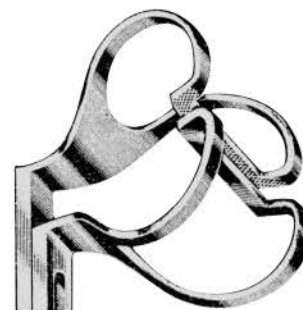
**Johns-Hopkins
(Potts Modif.)
Rib Contractors**



**ST22-519-01
20 cm**



**ST22-519-02
20 cm**



**ST22-519-03
20 cm**

Rippen-Raspatorien

Raspadores de costillas

Râpes à côtes

Rasatori costali



Semb Periosteal Elevator



ST22-461-01
17.5cm
12mm



ST22-461-02
21cm
12mm



ST22-461-04
21cm
13mm



ST22-461-05
22.5cm
13mm



ST22-461-06
22.5cm
15mm



ST22-513-01
L, 24cm
O'Brien-Doyen



ST22-514-01
R, 24cm
O'Brien-Doyen



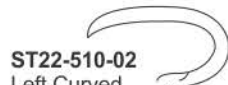
ST22-509-01
Right Curved
For Adults



ST22-510-01
Left Curved
For Adults



ST22-509-02
Right Curved
For Children



ST22-510-02
Left Curved
For Children



Doyen Rib Raspatory
18 cm



Doyen Rib Raspatory
17 cm



ST22-511-01



ST22-512-02



DOYEN
24cm

Rippen-Raspatorien

Râpes à côtes

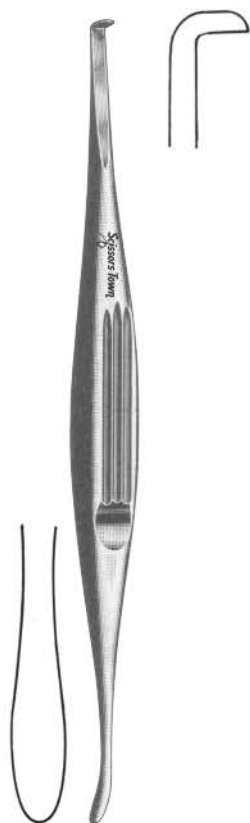
Raspadores de costillas

Rasatori costali

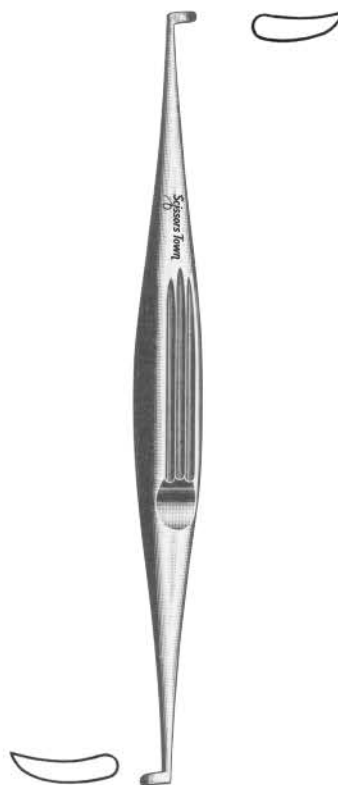
17mm

8mm

Davidson-Alexander
Rib raspatory,
double-ended,
ST22-521-29
29cm



Overholt
ST22-522-01
1, 31cm



Overholt
ST22-522-02
2, 29cm



Overholt
ST22-522-03
3, 29cm

12mm



Nelson
ST22-526-15
15cm
angle-bent,
12mm wide

11mm



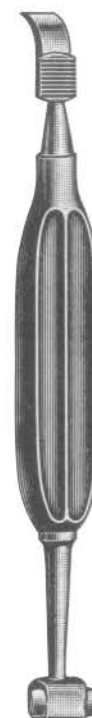
Robert-Nelson
ST22-527-21 21cm
11mm wide

15mm



Matson
ST22-529-22
22cm
double-ended

10mm



Alexander-Farabeuf
ST22-530-22
22cm
double-ended

Lungenspatel, Aorta-Dilatatoren

Espátulas pulmonares, Dilatadores aórticos

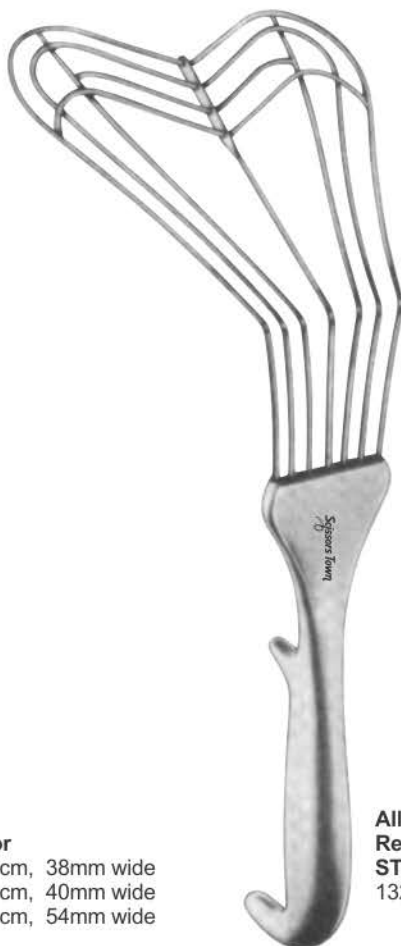
Spatules pulmonaires, Dilatateurs pour aorte

Spatole per pulmone, Dilatatori per aorta



**Allison Lung
Spatula Retractor**

ST22-386-25 25 cm, 38mm wide
ST22-386-30 30 cm, 40mm wide
ST22-386-32 32 cm, 54mm wide



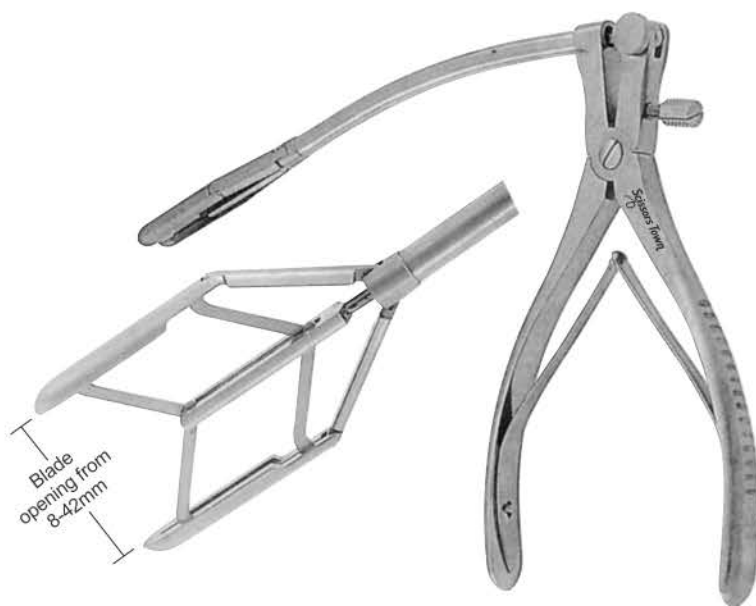
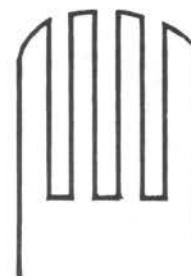
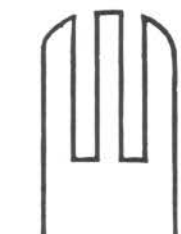
**Allison Lung Spatula
Retractor**

ST22-387-30 32.4 cm
132mm wide



**Semb Lung
Retractor**

ST22-388-20 # 1
ST22-388-24 # 2
25cm



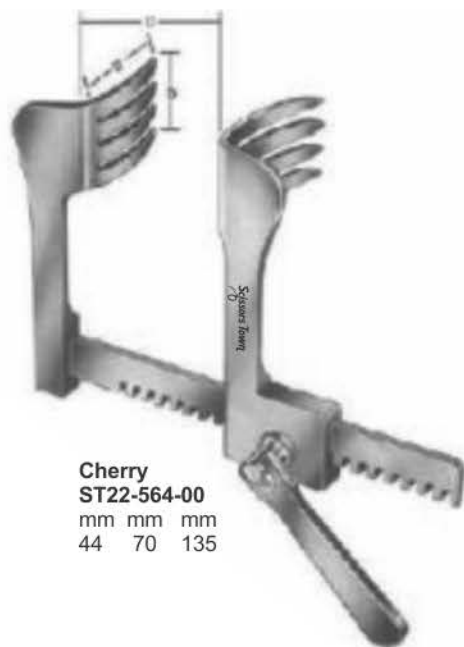
**Tubbs Mitral Valve Aortic
Dilator**

ST22-542-00
Blade Opening
From 8 To 42 mm



**Cooley Blade Aortic
Dilator**

ST22-544-00
Blade Opening
From 8 To 15 mm



Cherry
ST22-564-00
mm mm mm
44 70 135



Thoracic Rib Retractors

- ST22-560-00** Retractor only
ST22-560-01 pair of blades, 48 x 68 mm
ST22-560-02 1 pair of blades, 70 x 75 mm

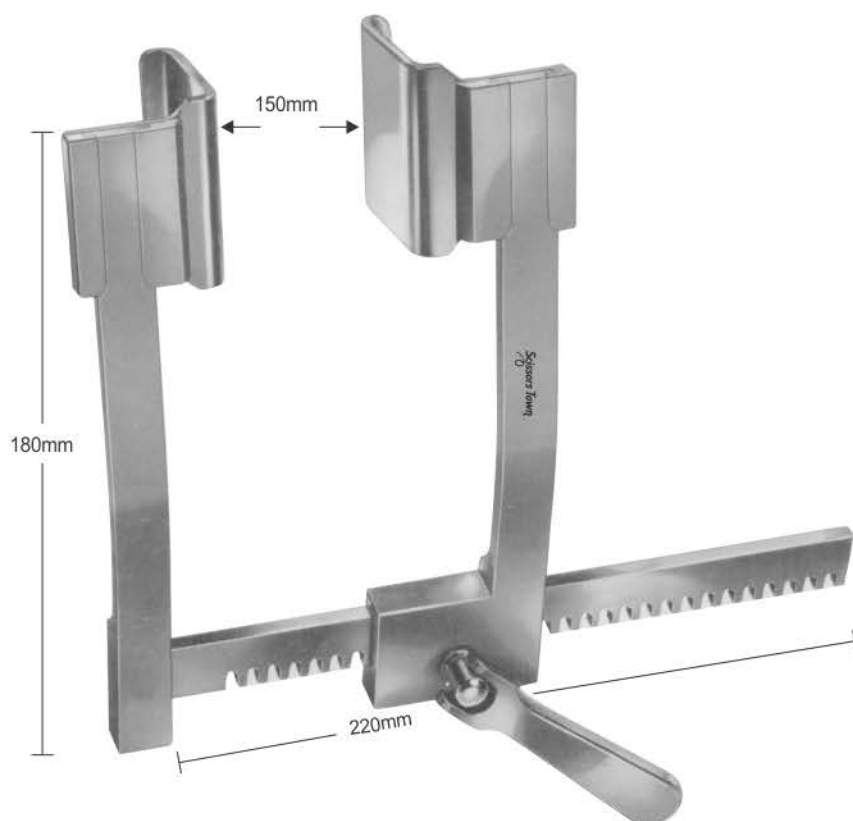


ST22-560-01
48 x 68 mm
pair



ST22-560-02
70 x 75 mm
pair

De BAKEY
ST22-568-00
with 3 pairs of blades
ST22-568-11 to ST22-568-13
Components for **ST22-568-00**
ST22-568-01 Spreader only
Pair Blades only
ST22-568-11 30x30mm
ST22-568-12 40x40mm
ST22-568-13 50x50mm
The blades are delivered in pairs.



ST22-568-11
Blades
30x30mm



ST22-568-12
Blades
40x40mm



ST22-568-13
Blades
50x50mm



Rippenretractoren
Écarteurs de côtes

Retradores de costillas
Divaricatori costali

De BAKEY
ST22-570-00
with 3 pairs of blades **ST22-570-11 - ST22-570-15**
Components for **ST22-570-00**
ST22-570-01 Spreader only
pairs Blades only
ST22-570-11 60x60mm
ST22-570-12 50x80mm
ST22-570-13 40x100mm

ST22-570-11
Blades
60x60mm



ST22-570-12
Blades
50x80mm



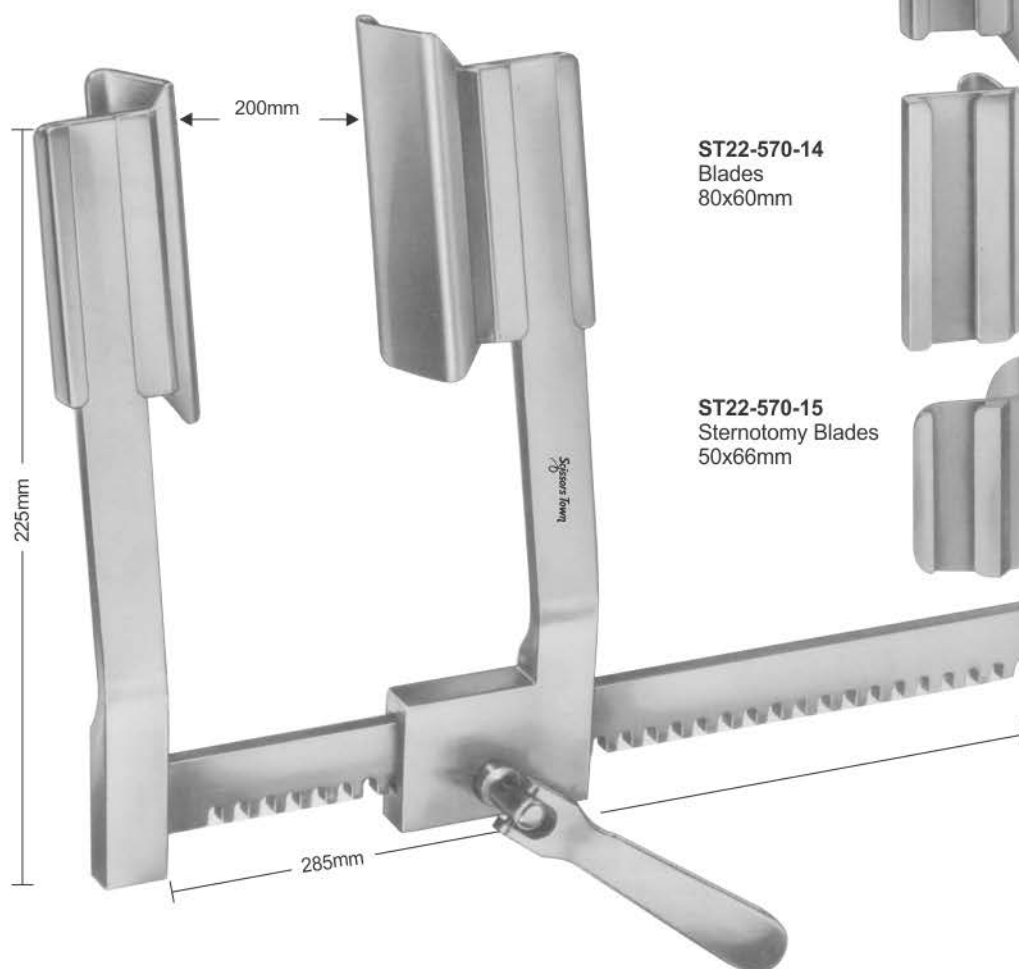
ST22-570-13
Blades
40x100mm



ST22-570-14
Blades
80x60mm



ST22-570-15
Sternotomy Blades
50x66mm



Rippensperrer
Separador costal

Ecarteur de côtes
Divaricatore costale



Cooley Rib Retractors
ST22-572-00
lateral blades 12 x 16 mm spreading 95 mm



Cooley Rib Retractors
ST22-574-00 lateral blades 15 x 30 mm, spreading 140 mm
ST22-576-00 lateral blades 21 x 44 mm, spreading 150 mm



Cooley Rib Retractors
ST22-578-00
lateral blades 35 x 50 mm, spreading 200 mm



Finocchietto, Rib Retractors
lateral blades, spreading

ST22-580-00	infant	15 x 15 mm	75 mm
ST22-582-00	baby	31 x 31 mm	100 mm
ST22-584-00	child	40 x 45 mm	135 mm
ST22-586-00	adult	52 x 62 mm	175 mm
ST22-588-00	adult	84 x 65 mm	175 mm

Rippensperrer
Separador costal

Ecarteur de côtes
Divaricatore costale



Finocchietto/Baby Rib Retractors
ST22-590-00 7.5 cm
14 mm x 15 mm spreading 75 mm



Finocchietto, Rib Retractors

ST22-594-00 30 mm x 45 mm spreading 150 mm
ST22-596-00 46 mm x 62 mm spreading 190 mm
ST22-598-00 80 mm x 65 mm spreading 190 mm



Castaneda Rib Retractors
ST22-602-00 10.5 mm x 32 mm
spreading 65 mm



Castaneda Rib Retractors
ST22-604-00 12 mm x 45 mm
spreading 70 mm



Castaneda Rib Retractors
ST22-606-00 15 mm x 60 mm
spreading 120 mm



Haight Rib Retractor
ST22-610-00
lateral blades 30 x 30 mm, spreading 120 mm



Morse-Favaloro Sternal Retractor
ST22-612-00
4 movable blades 17 x 22 mm, spreading 160mm for children



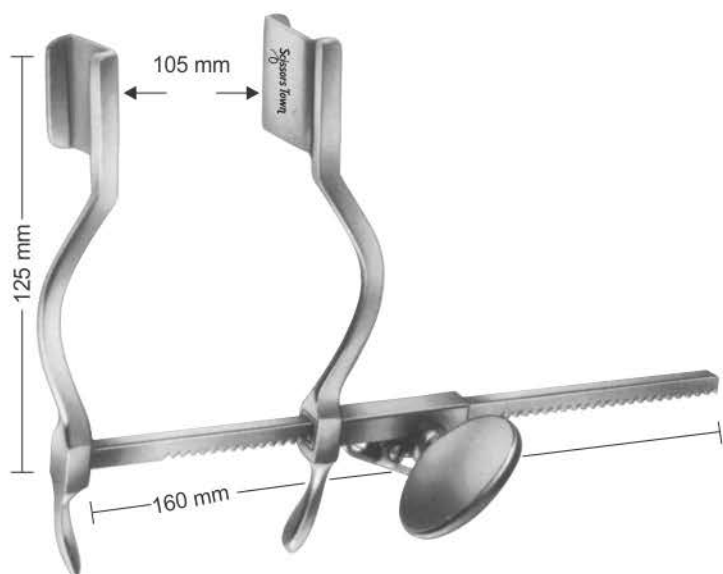
Morse
ST22-614-00
Sternal Retractor 4 movable
blades 22 x 27mm
spreading 200 mm



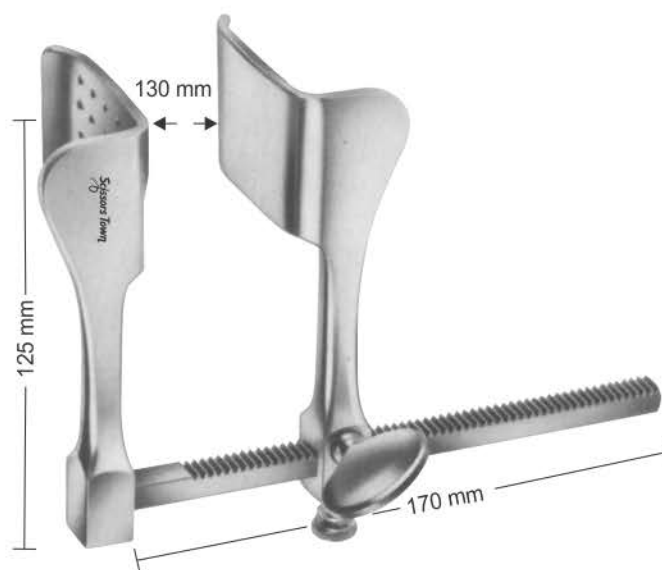
Finocchietto (Modif.) Rib Retractors
ST22-616-00
lateral blades 14 x 15 mm, spreading 120 mm

Rippensperrer
Separador costal

Ecarteur de côtes
Divaricatore costale



Hertzler Rib Retractors
ST22-618-00
blades 20 x 25 mm, spreading 105 mm



Tuffier Rib Retractors
ST22-622-00
blades 43 x 53 mm, spreading 130 mm



Tuffier Rib Retractor
ST22-624-00
lateral blades 45 x 45 mm, spreading 160 mm
ST22-626-00
lateral blades 22 x 27 mm, spreading 200 mm



Thoracic & I.M.A Rib Retractors
ST22-630-00 Complete set
ST22-630-01 lateral blades for I.M.A Retractor
left 40 x 50 x 80 mm
ST22-630-02 lateral blades for I.M.A Retractor
Right 40 x 50 x 80 mm

Rippensperrer
Separador costal

Ecarteur de côtes
Divaricatore costale



Burford Rib Retractors

ST22-634-00

18 cm For children
spread with 2 sets of Blades

ST22-634-01 48 mm x 42 mm spreading 135 mm

ST22-634-02 38 mm x 42 mm spreading 135 mm



Burford Rib Retractors

ST22-636-00

18 cm For Adults
spread with 2 sets of Blades

ST22-636-01 with two pair of blade 47 x 62 mm + 65 x 62 mm spreading 200 mm

ST22-636-02 with 2 pair of blade 47 x 62 mm + 65 x 62 mm spreading 260 mm

ST22-636-03 with 2 pair of blade 47 x 62 mm + 65 x 62 mm spreading 300 mm

Rippensperrer
Separador costal

Ecarteur de côtes
Divaricatore costale



Aluminium

Finocchietto - Infant

	a	b	c
ST22-642-00	15mm	15mm	75mm



Aluminium

Finocchietto - Baby
child size

	a	b	c
ST22-644-00	31mm	31mm	100mm



Aluminium

Finocchietto

	a	b	c
ST22-646-01	38mm	44mm	135mm
ST22-646-02	52mm	62mm	135mm
ST22-646-03	85mm	65mm	135mm

Rippensperrer

Ecarteur de côtes

Separador costal

Divaricatore costale



Aluminium



Burford
for children
with 2 pairs of blades

	a	b	c
ST22-648-00	48mm	42mm	135mm



Aluminium



Burford
for adults
with 2 pairs of blades

	a	b	c
ST22-650-01	65mm 47mm	62mm 62mm	180mm
ST22-650-02	65mm 47mm	62mm 62mm	260mm
ST22-650-03	65mm 47mm	62mm 62mm	300mm

Rippenschere, Knochenhaltezange
Cisailles à côtes, pinces à os

Tijeras para costillas, fórceps para sujetar huesos
Cesoie per costole, pinza portaossa



Semb Rib and Holding Forceps
ST22-681-20 20 cm



Semb Rib and Holding Forceps with ratchet
ST22-682-20 20 cm



Bone Rib Shear
ST22-660-19 19 cm
ST22-660-23 23 cm



Rib Shear
ST22-662-23 23 cm



Gluck Rib Shear
ST22-663-22 22 cm



Collin Rib Shears
ST22-664-19 19 cm



Maurer-Collin Rib Shears
23 cm



ST22-665-01
Hooked Left



ST22-665-02
Hooked Right



Bethune Rib Shear
ST22-670-34 34cm

Rippenscheren, Sternummeißel
Costotomos, Cinceles

Costotomes, ciseau-Burin à sternum
Costotomi, Scalpello per sterno



Doyen Rib Shears
ST22-671-19 19 cm



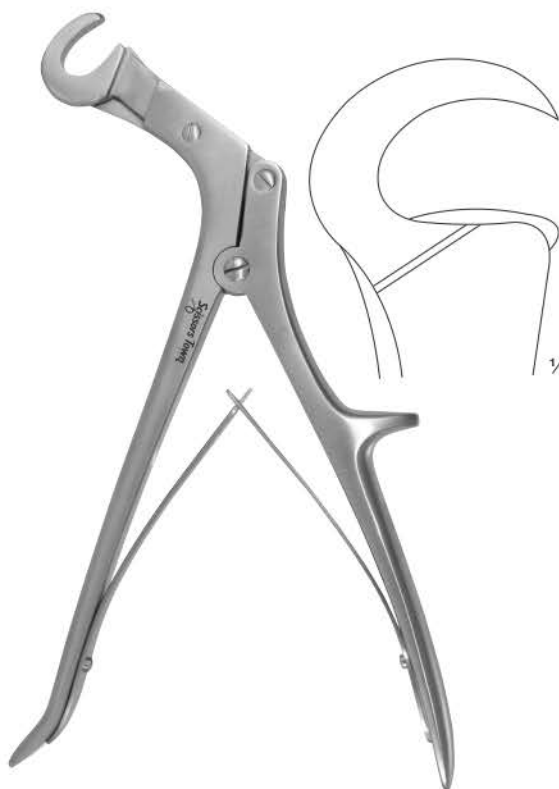
Schuardt Rib Shears
ST22-672-17 17 cm



Sauerbruch Rib Shears
ST22-673-24 24 cm, For Children
ST22-673-27 27 cm, For Adults



Lebsche
Sternum Cutter
ST22-676-25
25cm



Giertz-Stille Rib Shears
ST22-677-27
27 cm

Rippenscheren, Sternummeißel
Costotomos, Cinceles

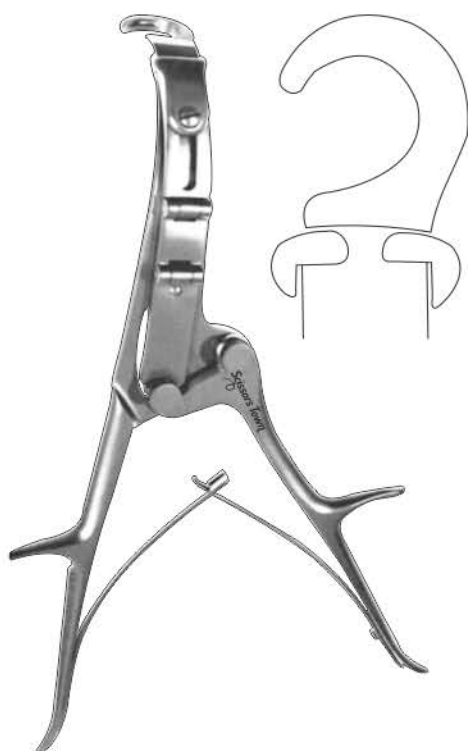
Costotomes, ciseau-Burin à sternum
Costotomi, Scalpello per sterno



Schumacher Rib Shears
sternum shears
ST22-680-21 21 cm



Sauerbruch-Frey Rib Shears
for the first rib
ST22-682-37 37 cm



Brunner Rib Shears
ST22-684-33
33.5 cm



Wolvek Sternal Crimper
ST22-686-01