

SPX-13

CARDIO THOORACIC

Control. Precision.
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Rib Shears

Rippenscheren

Costótomos

Costotomes

Costotomi

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare



1/2

SP13-100-23

23 cm / 9"

Bone Shears



1/2

SP13-101-23

23 cm / 9"



1/2

Gluck

SP13-102-21

21 cm / 8 2/8"

drawing cut



Bethune
SP13-103-34
34,5 cm / 13 ⁵/₈"



Sauerbruch
SP13-104-26
26 cm / 10 ²/₈"



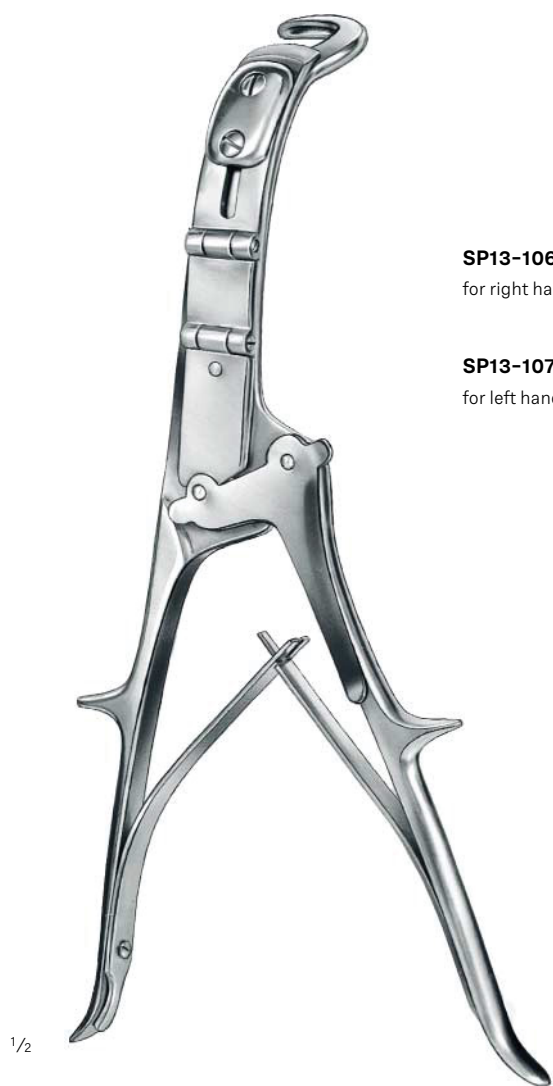
Giertz-Stille
SP13-105-24
24,5 cm / 9 ⁵/₈"

Rib Shears, Sternum Chisel

Rippenscheren, Sternummeißel
Costótomos, Cíncel para esternón
Costotomes, Ciseau-burin à sternum
Costotomi, Scalpello per sterno

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1/2

Brunner

SP13-106-32

SP13-107-32

32 cm / 12 5/8"

SP13-106-32

for right hand

SP13-107-32

for left hand

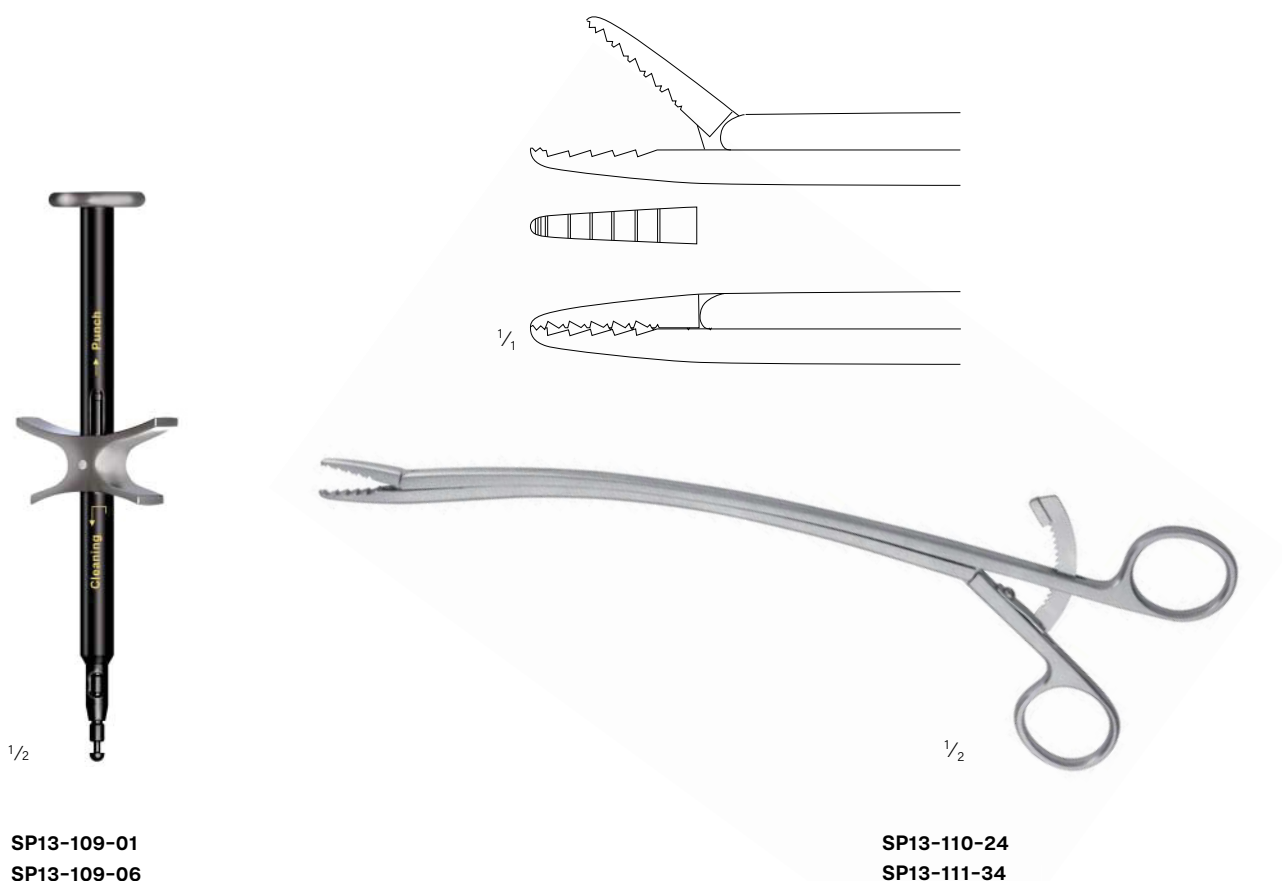


1/2

Lebsche

IM 13-108-24

24,5 cm / 9 5/8"



1/2

1/2

SP13-109-01
SP13-109-06
15 cm / 5 7/8"
Aortic punches



	Ø
SP13-109-01	3,0 mm
SP13-109-02	3,5 mm
SP13-109-03	4,0 mm
SP13-109-04	4,5 mm
SP13-109-05	5,0 mm
SP13-109-06	6,0 mm

SP13-110-24
SP13-111-34

	w/o ratchet	with ratchet
24 cm / 9 4/8"	SP13-110-24	SP13-111-24
34 cm / 13 3/8"	SP13-110-34	SP13-111-34

Sternum and Rib Retractors

Sternum- und Rippensperrer
Separadores esternales y costales
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SP13-112-02
9 x 20 mm

SP13-112-03
9 x 10 mm



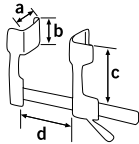
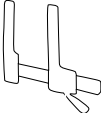
1/2

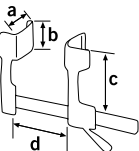
SP13-112-01
SP13-112-03



1/2

Cooley
SP13-113-01
SP13-113-02

Ti 	For Babies			
		a x b	c	d
	SP13-112-02	9 x 20 mm		
	SP13-112-03	9 x 10 mm	40 mm	52 mm
	SP13-112-01 consisting of	2 pairs of blades (SP13-112-02 / SP13-112-03) and frame		

Al 	For Babies			
		a x b	c	d
	SP13-113-01	12 x 16 mm	60 mm	95 mm
	For Children			
		a x b	c	d

SP13-113-02	15 x 30 mm	80 mm	95 mm
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Cooley
 SP13-113-03
 SP13-113-06

AI St		For Children		
		a x b	c	d
SP13-113-03	AI	20 x 45 mm	100 mm	150 mm
		For Adults		
		a x b	c	d
SP13-113-04	AI	35 x 50 mm	140 mm	180 mm
SP13-113-05	AI	30 x 105 mm	160 mm	195 mm
SP13-113-06	St	30 x 105 mm	160 mm	195 mm



Finochietto
 SP13-114-01
 SP13-114-02

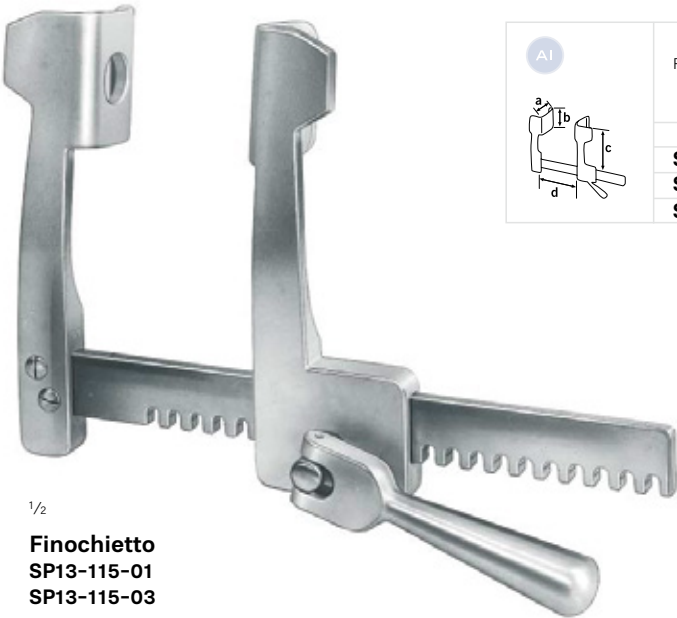
AI		For Babies		
		a x b	c	d
SP13-114-01		15 x 15 mm	60 mm	75 mm
		For Children		
		a x b	c	d
SP13-114-02		31 x 31 mm	80 mm	100 mm

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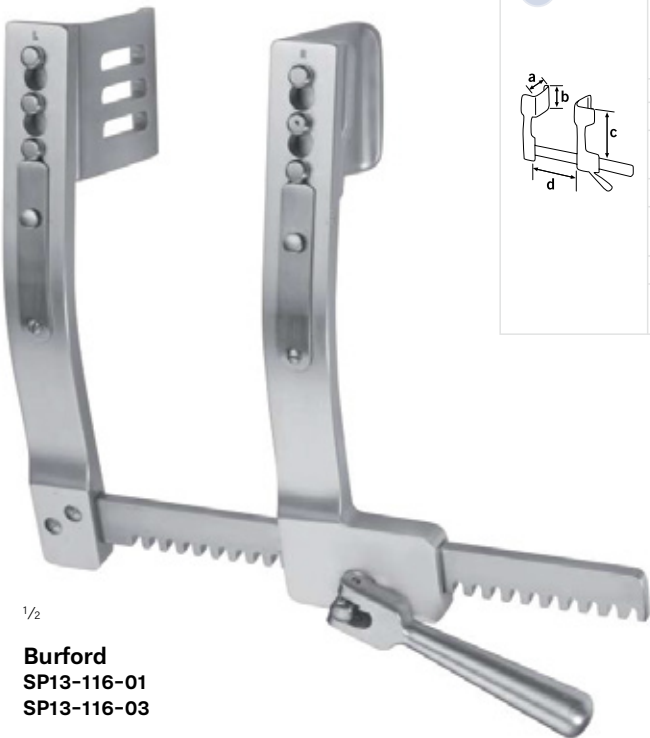


1/2
Finochietto
SP13-115-01
SP13-115-03

AI

For Children And Adults

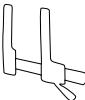
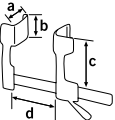
	a x b	c	d
SP13-115-01	40 x 45 mm	105 mm	135 mm
SP13-115-02	45 x 60 mm	140 mm	175 mm
SP13-115-03	85 x 65 mm	140 mm	175 mm



1/2
Burford
SP13-116-01
SP13-116-03

AI

For Adults



	a x b	c	d
SP13-116-01	47 x 62 mm	195 mm	165 mm
	62 x 62 mm		
SP13-116-02	47 x 62 mm	195 mm	260 mm
	62 x 62 mm		
SP13-116-03	47 x 62 mm	195 mm	280 mm
	62 x 62 mm		

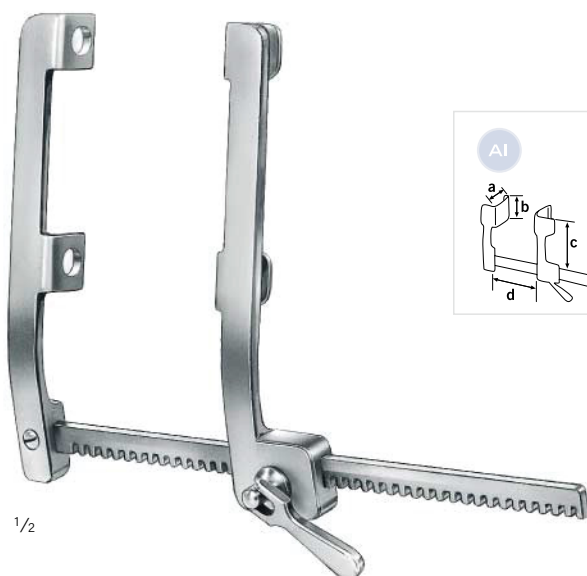




1/2

Castañeda
SP13-117-01
SP13-117-03

AI	for babies			
		a x b	c	d
	SP13-117-01	10 x 32 mm	60 mm	65 mm
	for babies and children			
		a x b	c	d
	SP13-117-02	12 x 45 mm	80 mm	70 mm
	for children			
		a x b	c	d
	SP13-117-03	15 x 60 mm	120 mm	105 mm



1/2

Finochietto (modif.)
SP13-118-01

AI	for children and adults			
		a x b	c	d
	SP13-118-01	14 x 15 mm	100 mm	100 mm

Sternum and Rib Retractors

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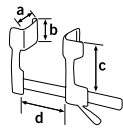
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Chirurgia cardiaca, toracica e vascolare



1/2

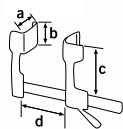
Haight
SP13-119-90

St 	for children and adults		
		a x b	c
	SP13-119-90	30 x 30 mm	90 mm



1/2

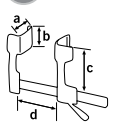
Morse-Favaloro
SP13-120-01

AI 	for children and adults	4 adjustable blades		
		a x b	c	d
	SP13-120-01	17 x 22 mm	120 mm	160 mm



1/2

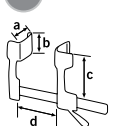
Morse
 SP13-121-01
 SP13-121-02

St 	for adults		
	4 adjustable blades		
	a x b	c	d
SP13-121-01	27 x 22 mm	145 mm	200 mm
SP13-121-02	42 x 29 mm	140 mm	210 mm



1/2

Tuffier
 SP13-122-01

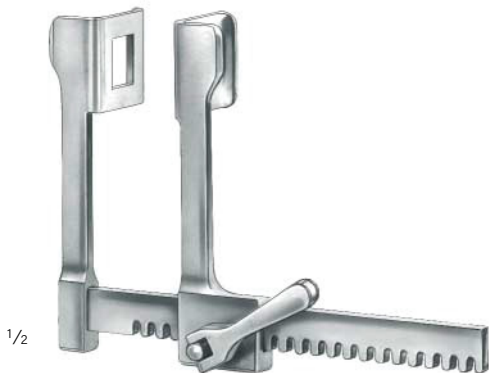
St 	for adults		
	a x b	c	d
SP13-122-01	45 x 45 mm	110 mm	170 mm

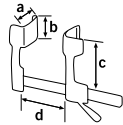
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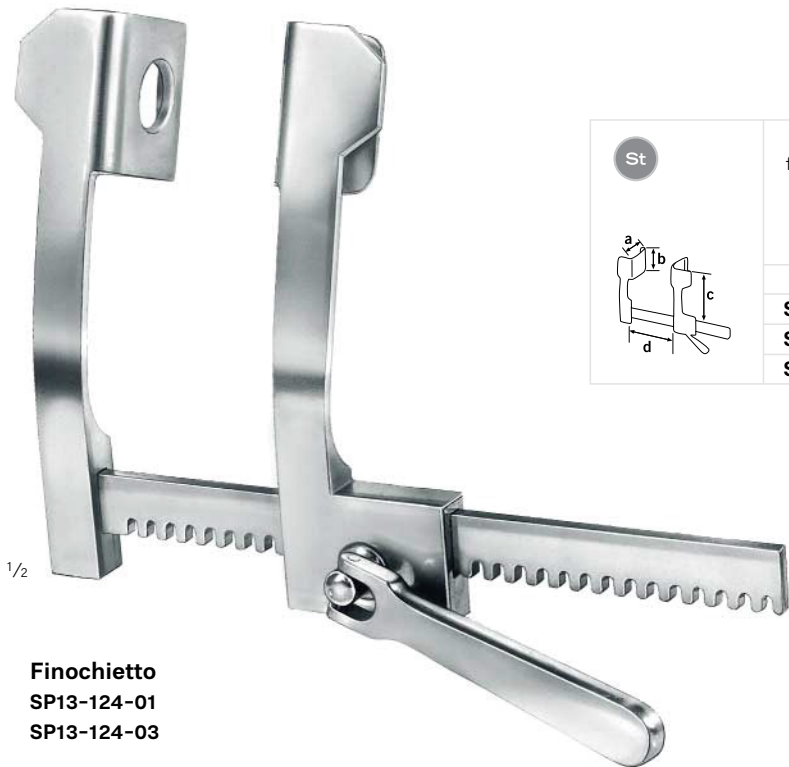
Cardio Thoracic and Vascular Surgery

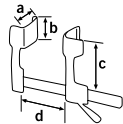
Herz-, Thorax- und Gefäßchirurgie
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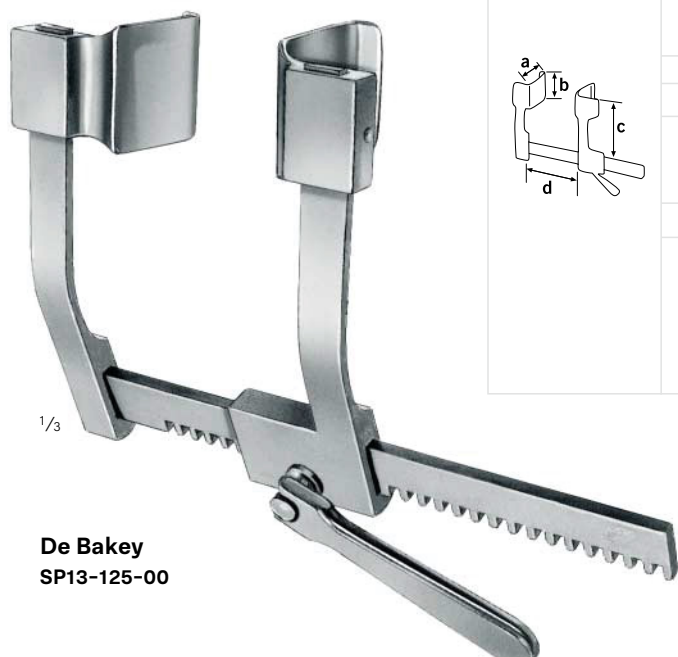
St 	for babies and children			
		a x b	c	d
	SP13-123-01	15 x 20 mm	50 mm	75 mm

Finochietto, Baby
SP13-123-01



St 	for adults			
		a x b	c	d
	SP13-124-01	40 x 45 mm	110 mm	150 mm
	SP13-124-02	45 x 65 mm	140 mm	165 mm
	SP13-124-03	80 x 65 mm	140 mm	190 mm

Finochietto
SP13-124-01
SP13-124-03



De Bakey
SP13-125-00

	for adults				
		a x b	c	d	
	SP13-125-00	30 x 30 mm	160 mm	150 mm	
		40 x 40 mm			
		50 x 50 mm			
	consisting of	3 pairs of blades	Frame		
		SP13-125-02	IM14-125-01		
		SP13-125-03			
		SP13-125-04			



De Bakey
SP13-125-02
 30 x 30 mm



De Bakey
SP13-125-03
 40 x 40 mm



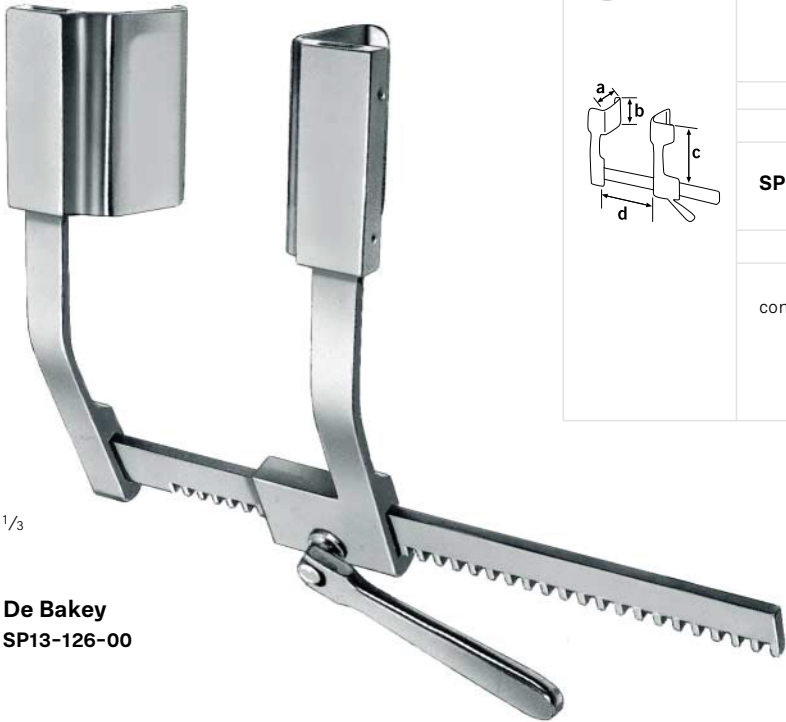
De Bakey
SP13-125-04
 50 x 50 mm

Sternum and Rib Retractors

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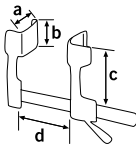
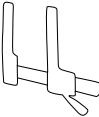
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1/3

De Bakey
SP13-126-00

	for adults			
		a x b	c	d
	SP13-126-00	60 x 60 mm	170 mm	200 mm
		50 x 80 mm		
		40 x 100 mm		
	consisting of	3 pairs of blades	Frame	
		SP13-126-02	SP13-126-01	
		SP13-126-03		
SP13-126-04				



1/3

De Bakey
SP13-126-02
60 x 60 mm



De Bakey
SP13-126-03
50 x 80 mm



De Bakey
SP13-126-04
40 x 100 mm

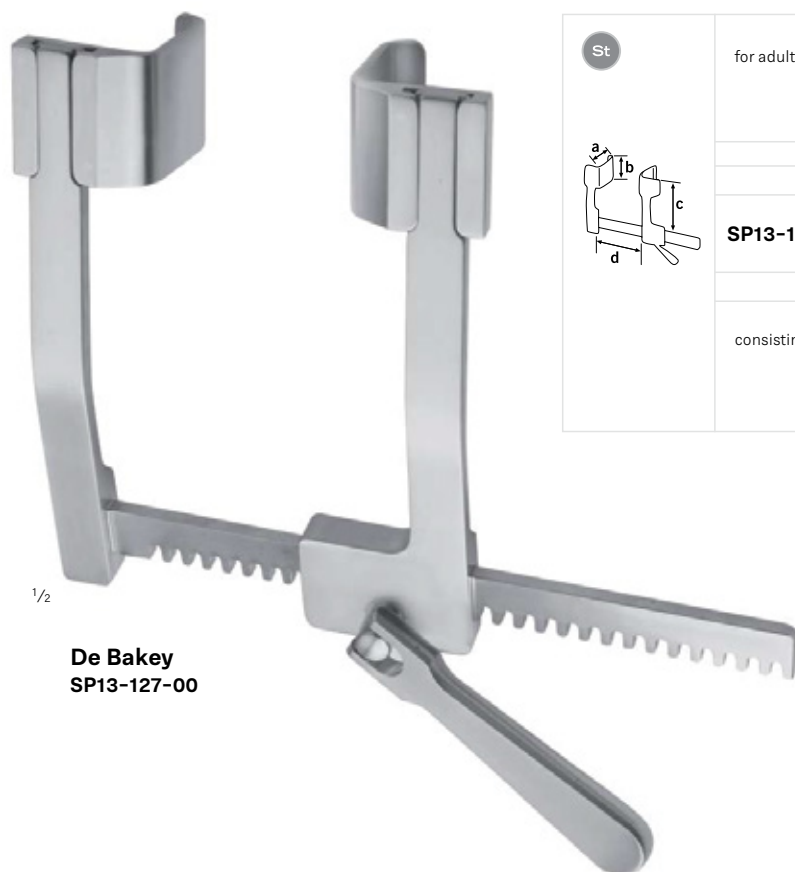


1/3

De Bakey
AM13-126-05
80 x 60 mm

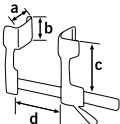
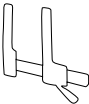


De Bakey
SP13-126-06
50 x 65 mm



1/2

De Bakey
SP13-127-00

St 	for adults				
		a x b	c	d	
	SP13-127-00	30 x 30 mm	145 mm	150 mm	
		40 x 40 mm			
		40 x 40 mm			
	consisting of	3 pairs of blades	Frame		
		SP13-127-02	SP13-127-01		
		SP13-127-03			
		SP13-127-04			



1/2

De Bakey
SP13-127-02
30 x 30 mm



De Bakey
SP13-127-03
40 x 40 mm



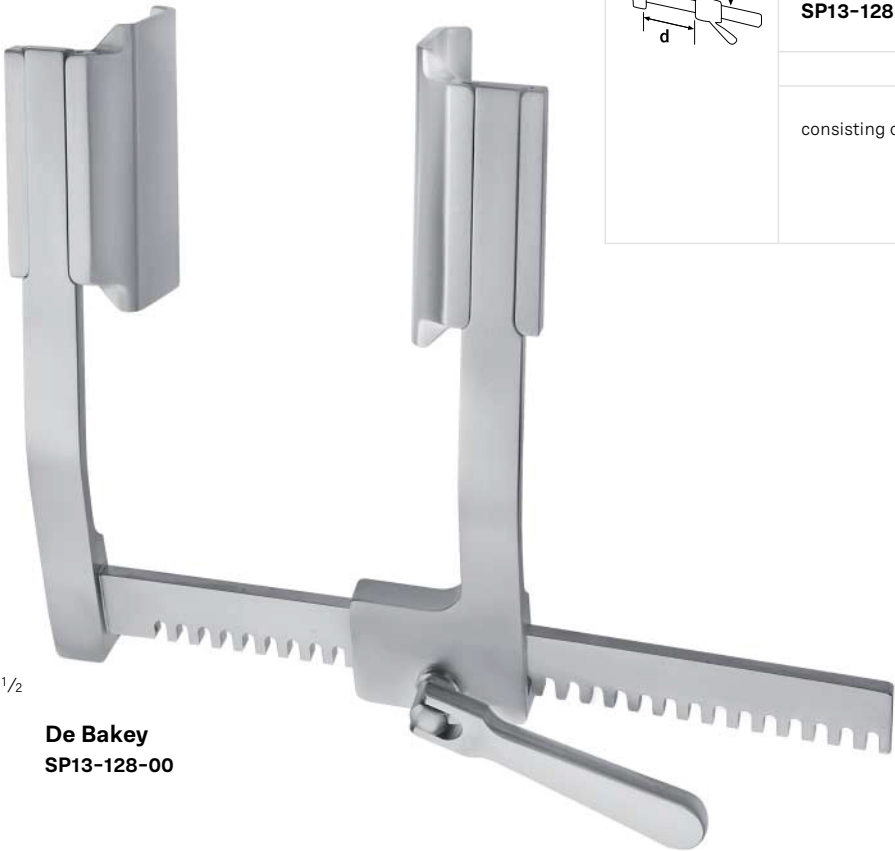
De Bakey
SP13-127-04
50 x 50 mm

Sternum and Rib Retractors

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1/2

De Bakey
SP13-128-00

	for adults			
		a x b	c	d
	SP13-128-00	60 x 60 mm	190 mm	240 mm
		50 x 80 mm		
		40 x 100 mm		
consisting of	3 pairs of blades	Frame		
	SP13-128-02	SP13-128-01		
	SP13-128-03			
	SP13-128-04			



De Bakey
SP13-128-02
 60 x 60 mm



De Bakey
SP13-128-03
 50 x 80 mm



De Bakey
SP13-128-04
 40 x 100 mm



De Bakey
SP13-128-05
 80 x 60 mm



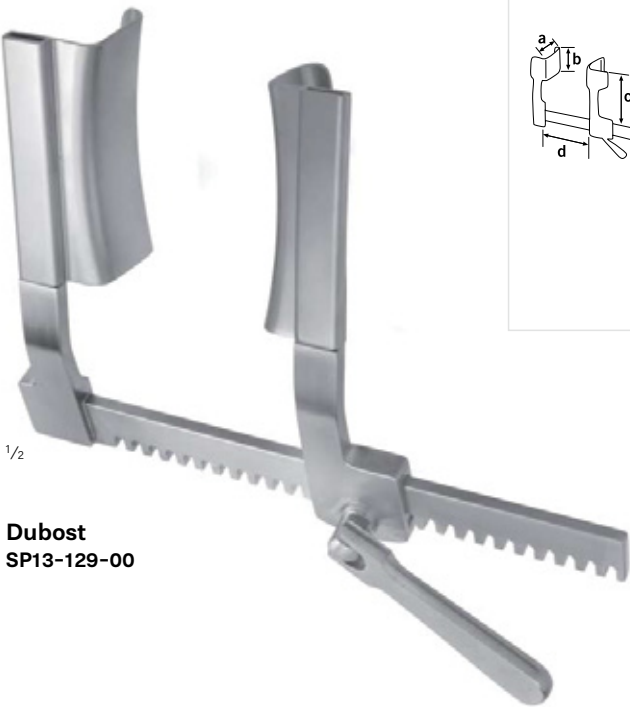
De Bakey
SP13-128-06
 50 x 65 mm

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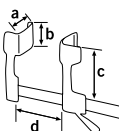
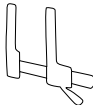
Cardio Thoracic and Vascular Surgery

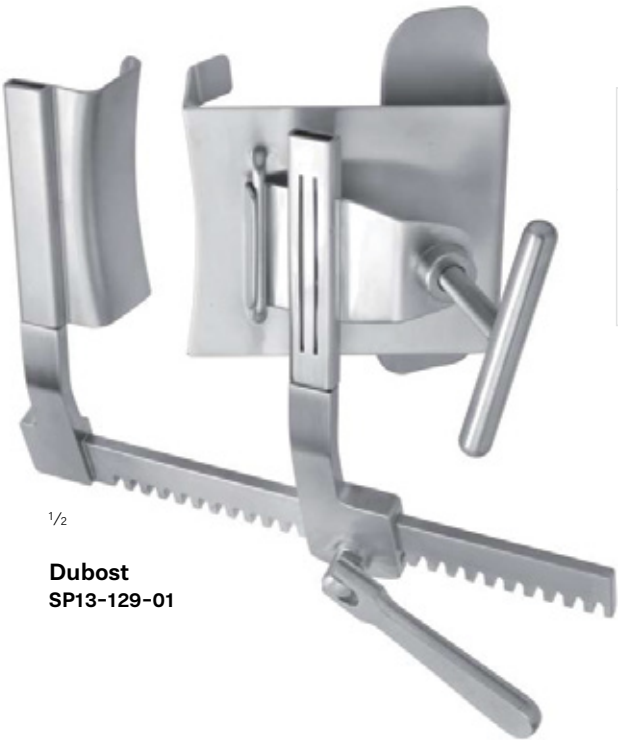
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1/2

Dubost
SP13-129-00

St 	for adults			
		a x b	c	d
	SP13-129-00	30 x 100 mm	140 mm	160 mm
		40 x 100 mm		
		50 x 100 mm		
consisting of	3 pairs of blades	Frame		
	SP13-129-03	SP13-129-02		
	SP13-129-04			
	SP13-129-05			



1/2

Dubost
SP13-129-01

SP13-129-01

St

IMA configuration

consisting of	3 pairs of blades	IMA blades	Frame
	SP13-129-03	SP13-129-06	SP13-129-02
	SP13-129-04	SP13-129-07	
	SP13-129-05		



1/2

Dubost
SP13-129-03
 30 x 100 mm



Dubost
SP13-129-04
 40 x 100 mm



Dubost
SP13-129-05
 50 x 100 mm



1/2

Dubost
SP13-129-06
 for IMA configuration



1/2

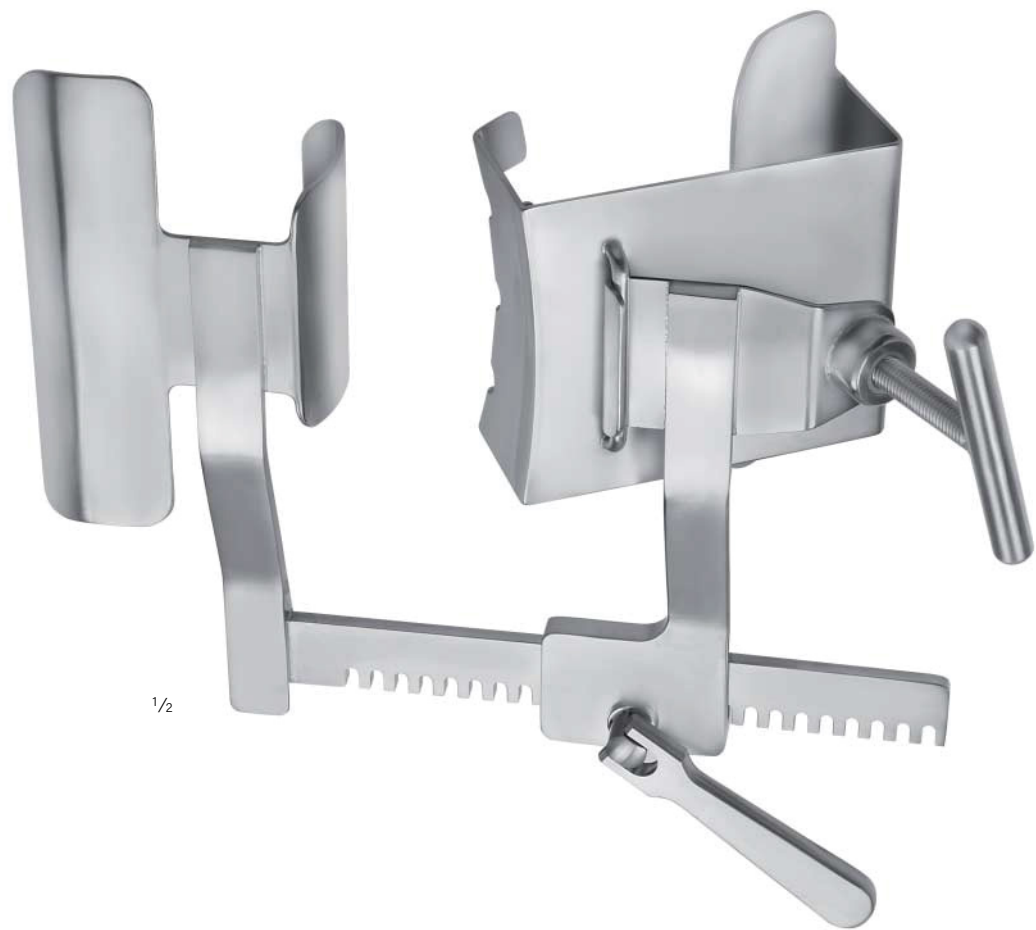
Dubost
SP13-129-07
 for IMA configuration

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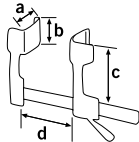
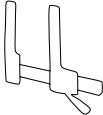
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SP13-130-00

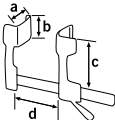
IMA retractor
for adults

St 				
		a x b	c	d
	Starre blades	50 x 80 mm	220 mm	130 mm
	IMA blades	37 x 100 mm	220 mm	130 mm



SP13-131-00

Mini thoracotomy retractor with adjustable, jointed arms and detachable bar

	for adults			
	SP13-131-00	a x b	c	d
		40 x 36 mm	100 mm	140 mm
	55 x 36 mm			
consisting of		2 pairs of blades	Frame with bar	
		SP13-131-04	SP13-131-01	
		SP13-131-05		



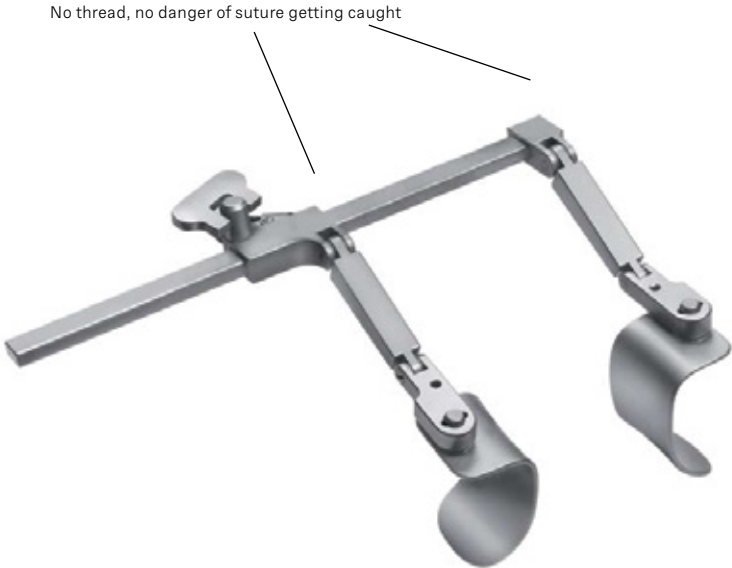
exemplary valve surgery configuration, consisting of

Frame with detachable bar	1 pairs of blades	Fixation element	Retractor
SP13-131-01	SP13-131-04	SP13-134-02	SP13-134-01

Sternum and Rib Retractors

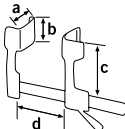
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SP13-131-02

Mini thoracotomy retractor with adjustable, jointed arms

St 	for adults			
		a x b	c	d
	SP13-131-02	40 x 36 mm	100 mm	140 mm
		55 x 36 mm		
	consisting of	2 pairs of blades		Frame
SP13-131-04		SP13-131-03		
SP13-131-05				



SP13-131-04

40 x 36 mm

-
- SP13-131-00

SP13-131-01

SP13-131-02

SP13-131-03



SP13-131-05

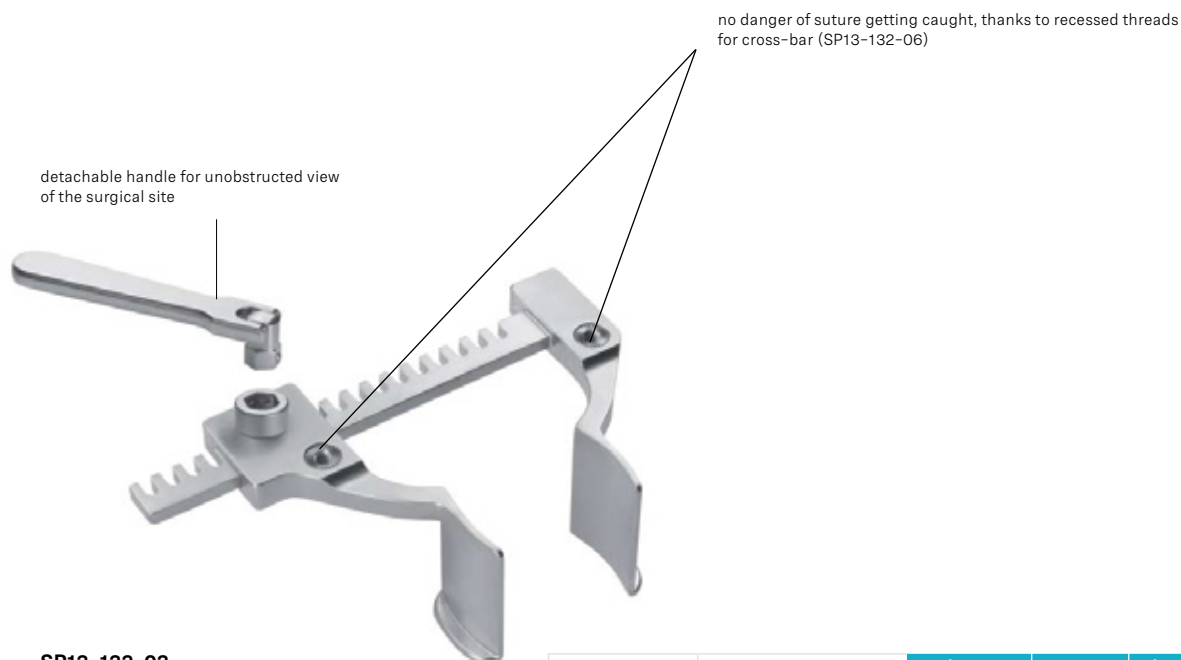
55 x 36 mm

-
- SP13-131-00

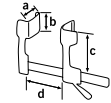
SP13-131-01

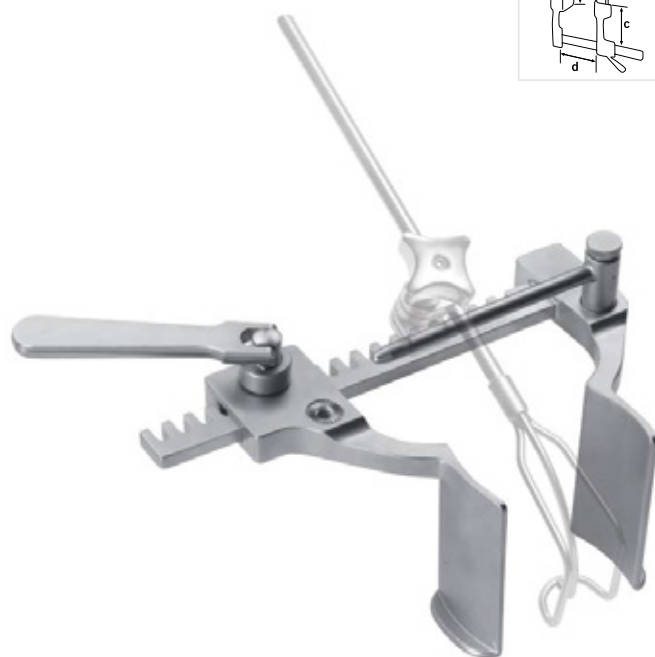
SP13-131-02

SP13-131-03

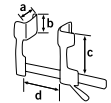


SP13-132-03
SP13-132-05
 Mini thoracotomy retractor

St		a x b	c	d
				
	SP13-132-03	45 x 36 mm	76 mm	85 mm
	SP13-132-04	60 x 36 mm	76 mm	85 mm
	SP13-132-05	80 x 36 mm	76 mm	85 mm



SP13-132-00
SP13-132-02
 Mini thoracotomy retractor with detachable cross-bar

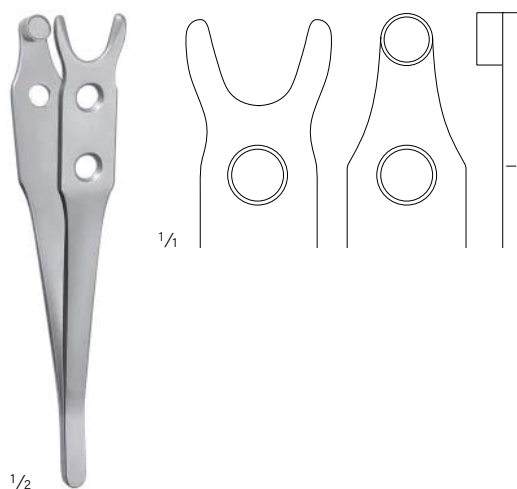
St		a x b	c	d
				
	SP13-132-00	45 x 36 mm	76 mm	85 mm
	SP13-132-01	60 x 36 mm	76 mm	85 mm
	SP13-132-02	80 x 36 mm	76 mm	85 mm

Sternum and Rib Retractors

Sternum- und Rippensperrer
Separadores esternales y costales
Écarteurs à sternum et des côtes
Divaricatori per sterno e costali

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare



1/2

SP13-133-99

Forceps for blade replacement



SP13-131-00
SP13-131-01
SP13-131-02
SP13-131-03



1/2

SP13-132-06

Cross-bar



SP13-131-00
SP13-131-01
SP13-132-03
SP13-132-04
SP13-132-05



SP13-134-02

Fixation element



SP13-131-00
 SP13-131-01
 SP13-132-03
 SP13-132-04
 SP13-132-05
 SP13-132-06



SP13-134-05

Retractor, malleable



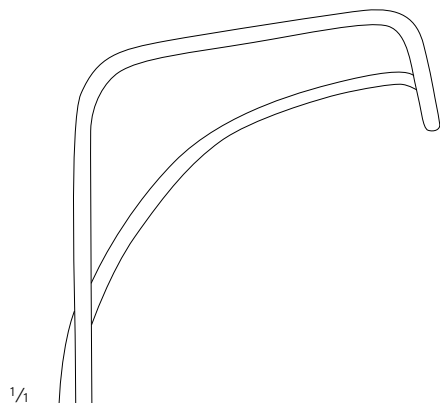
SP13-131-00
 SP13-131-01
 SP13-132-03
 SP13-132-04
 SP13-132-05
 SP13-132-06

Sternum and Rib Retractors

Sternum- und Rippensperrer
Separadores esternales y costales
Écarteurs à sternum et des côtes
Divaricatori per sterno e costali

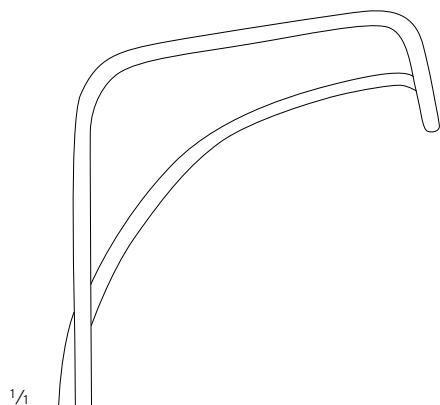
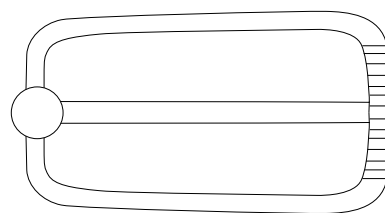
Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare



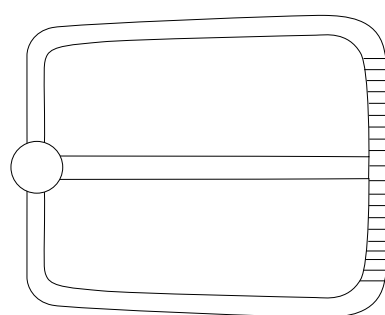
SP13-134-01

35 x 25 mm



SP13-134-03

40 x 36 mm



Cooley

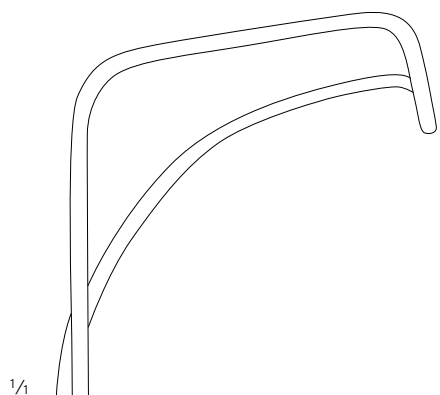
SP13-134-01

IM 13-134-04

Retractor

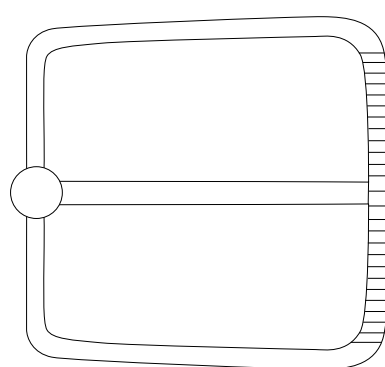


SP13-131-00
SP13-131-01
SP13-132-00
SP13-132-01
SP13-132-02
SP13-132-03
SP13-132-04
SP13-132-05
SP13-132-06



SP13-134-04

50 x 36 mm





French IMA
SP13-135-00



SP13-135-02
 IMA blade, french
 30 x 100 mm

SP13-135-00 French IMA configuration St		
consisting of	3 blades	Frame
	SP13-135-02	SP13-135-01
	SP13-135-03	
	SP13-135-04	



SP13-135-03
 IMA blade, french
 50 x 22 mm



SP13-135-04
 IMA blade, french
 40 x 22 mm

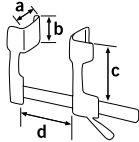
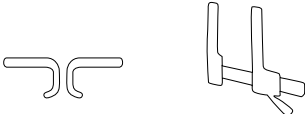
Sternum Retractors marGate
 Sternumsperrer marGate
 Separadores esternales marGate
 Écarteurs à sternum marGate
 Divaricatori per sterno marGate

Cardio Thoracic and Vascular Surgery
 Herz-, Thorax- und Gefäßchirurgie
 Cirugía cardíaca, torácica y vascular
 Chirurgie cardiaque, thoracique et vasculaire
 Chirurgia cardiaca, toracica e vascolare

Exposure, stability and flexibility
 Perfection for valve and bypass surgery



- marGate features
- Outstanding exposure of the surgical field
 - Fast valve replacement with just a single movement
 - Compatible with suture holding inserts
 - Particularly flat design for more overview
 - Simple and fast locking via the attachment element

St 	SP13-136-00			
		a x b	c	d
		30 x 100 mm	225 mm	200 mm
	consisting of	1 pairs of blades	Frame	
		SP13-136-02	SP13-136-01	



SP13-136-01
 Frame only



SP13-136-02
 30 x 100 mm



SP13-136-03
 40 x 100 mm



SP13-136-04
 30 x 28 mm



SP13-136-05
 40 x 28 mm

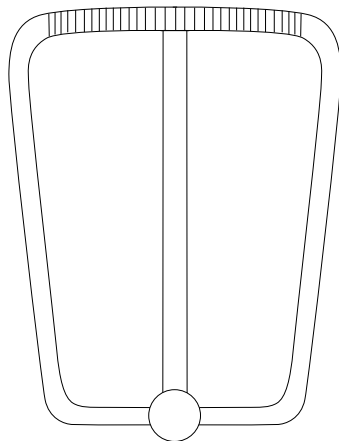
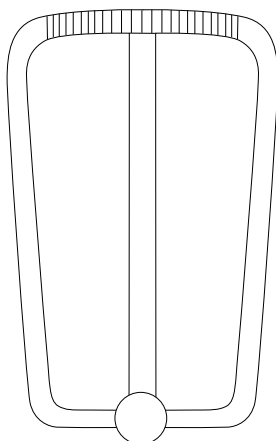
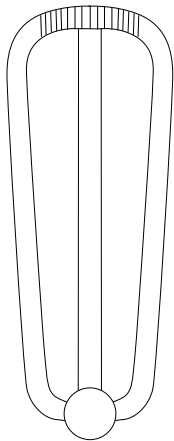
➔ SP13-136-00
 SP13-136-01

Accessories for Sternum Retractors marGate
Zubehör für Sternumsperrer marGate
Accesorios para separadores esternales marGate
Accessoires pour écarteurs à sternum marGate
Accessori per sterno marGate

Cardio Thoracic and Vascular Surgery
Herz-, Thorax- und Gefäßchirurgie
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Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare



1/1



	60 x 20 mm	60 x 35 mm	60 x 45 mm
St	SP13-136-10	SP13-136-11	SP13-136-12
NiTi	SP13-137-10	SP13-137-11	SP13-137-12

1/2

Cooley

SP13-136-10
SP13-137-12

Atrium retractor, malleable

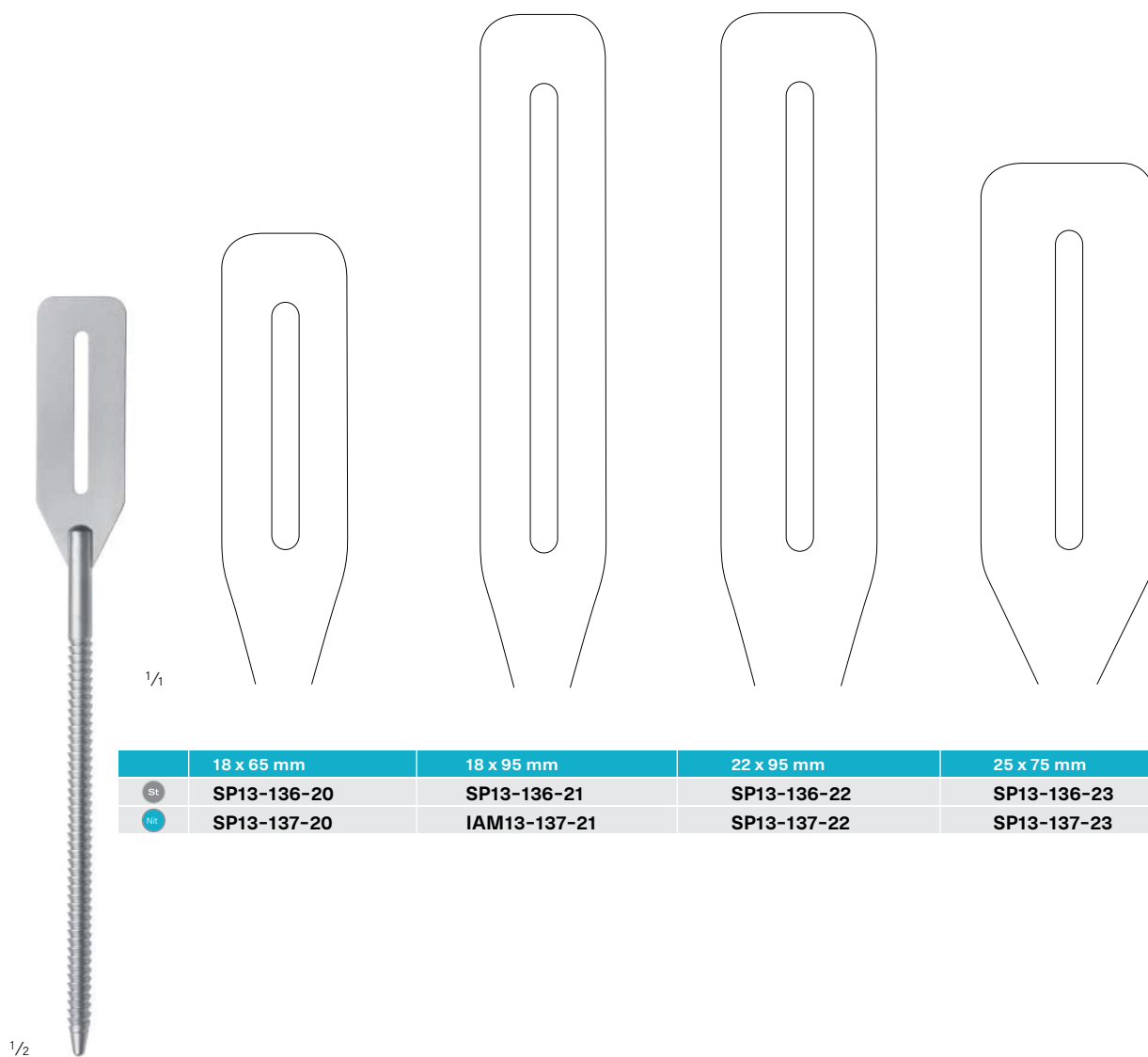
➔ SP13-136-00
SP13-136-01

1/2



SP13-136-09
Fixation element

➔ SP13-136-00
SP13-136-01



	18 x 65 mm	18 x 95 mm	22 x 95 mm	25 x 75 mm
St	SP13-136-20	SP13-136-21	SP13-136-22	SP13-136-23
Ni	SP13-137-20	IAM13-137-21	SP13-137-22	SP13-137-23

SP13-136-20
SP13-137-23

Valve retractor, malleable



SP13-136-00
 SP13-136-01

Rib Contractors

Rippenkonraktoren
Aproximadores para costillas
Rapprocheurs des côtes
Approssimatori costali

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
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Chirurgia cardiaca, toracica e vascolare



Sellors
SP13-138-20
20 cm / 7 7/8"
adjustable blades



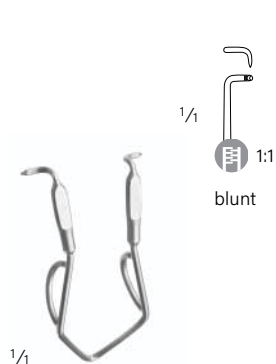
Bailey-Baby
SP13-139-15
15,5 cm / 6 1/8"



Bailey
SP13-140-20
20 cm / 7 7/8"
short claws



Bailey-Gibbon
SP13-141-20
20 cm / 7 7/8"
long claws



SP13-142-02

2,5 cm / 1"

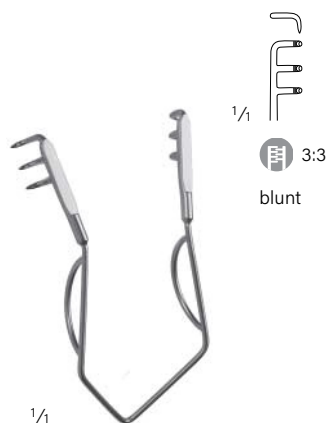
Epicardial spring retractor



SP13-142-03

3,5 cm / 1 3/8"

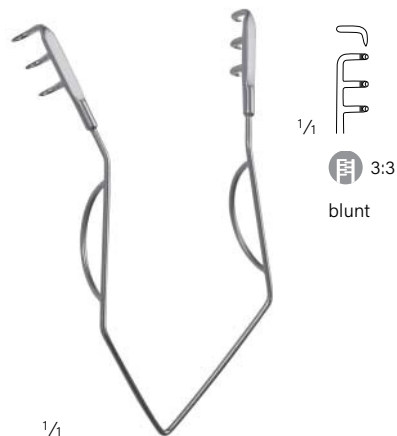
Epicardial spring retractor



SP13-142-04

4 cm / 1 5/8"

Epicardial spring retractor



SP13-142-05

5,5 cm / 2 3/8"

Epicardial spring retractor

Lung Spatulas

Lungenspatel
Espátulas pulmonares
Spatules pulmonaires
Spatole per pulmone

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare



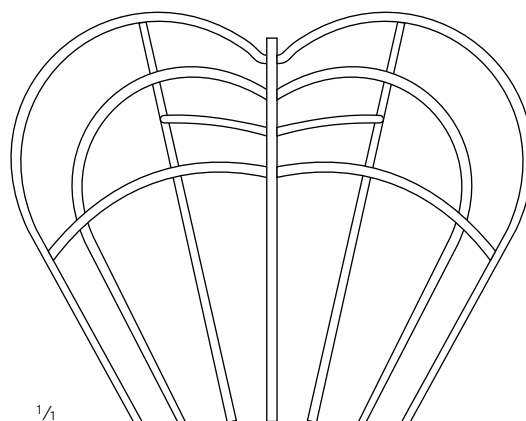
40 mm
SP13-143-29
29,5 cm / 11 ⁵/₈"
Working part, narrow

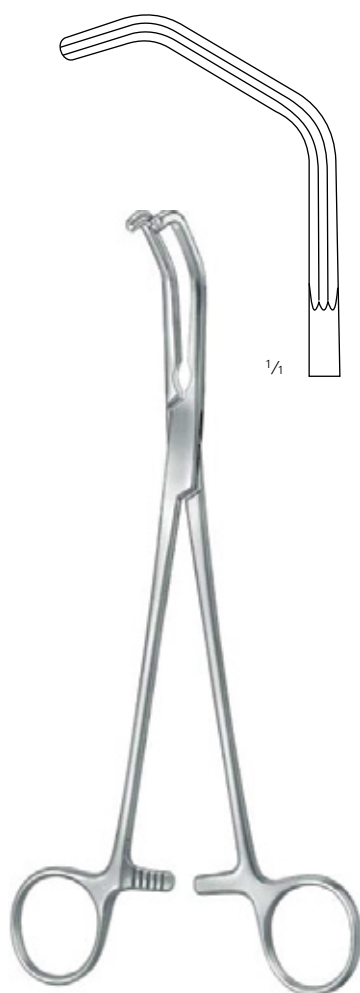
53 mm
SP13-143-33
33 cm / 13"
Working part, wide

Allison
SP13-143-29
SP13-143-33



SP13-144-29
29,5 cm / 11 ⁵/₈"





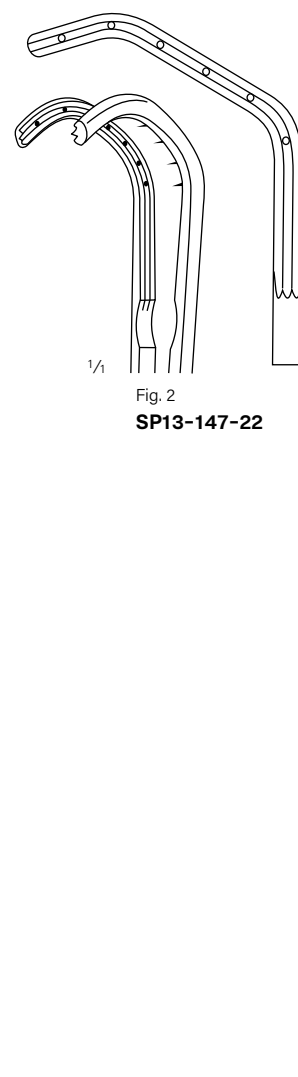
Price-Thomas
SP13-145-22

22 cm / 8 5/8"



Price-Thomas
SP13-146-22

22 cm / 8 5/8"



Price-Thomas
SP13-147-22

22 cm / 8 5/8"

Bronchus Clamps

Bronchusklemmen
Pinzas bronquiales
Pince-clamps à bronches
Pinze per bronchi

Cardio Thoracic and Vascular Surgery

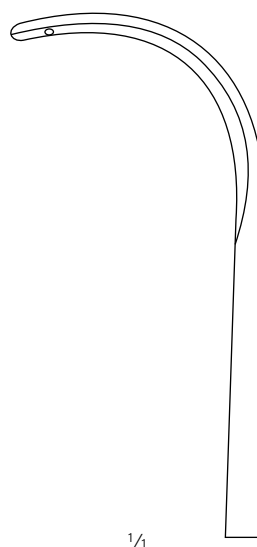
Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare



Semb
SP13-148-25
SP13-148-24

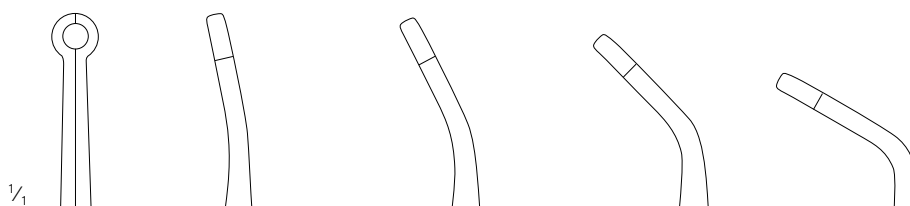


SP13-148-25
25 cm / 9 ⁷/₈"

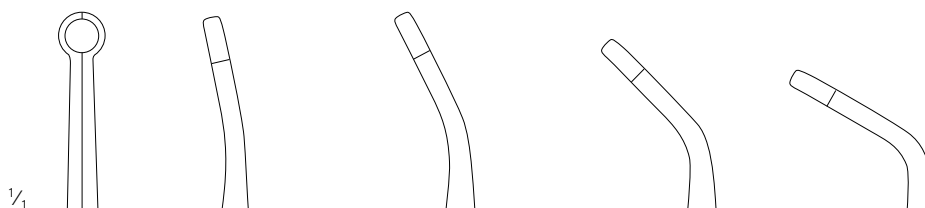


SP13-148-24
24,5 cm / 9 ⁵/₈"

Ti



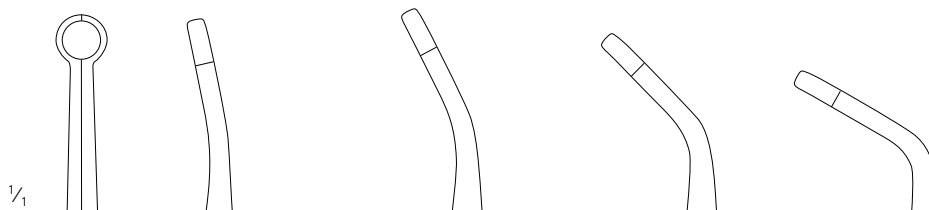
Ø 10 Fr.	SP13-149-10	SP13-149-25	SP13-149-45	SP13-149-60
	10°	25°	45°	60°
	7,5 cm / 3"	7,5 cm / 3"	7 cm / 2 5/8"	6,5 cm / 2 4/8"



Ø 12 Fr.	SP13-150-10	SP13-150-25	SP13-150-45	SP13-150-60
	10°	25°	45°	60°
	7,5 cm / 3"	7,5 cm / 3"	7 cm / 2 5/8"	6,5 cm / 2 4/8"



AM13-149-10
AM13-151-60



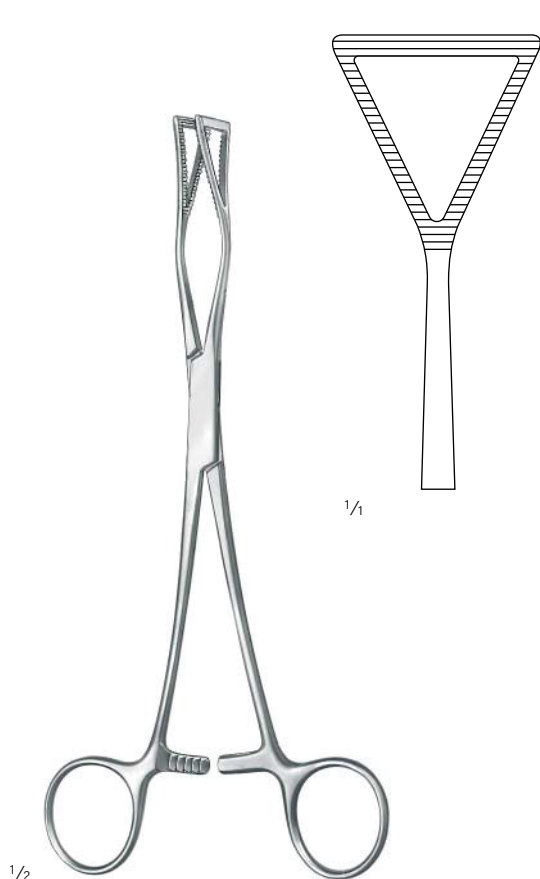
Ø 14 Fr.	SP13-151-10	SP13-151-25	SP13-151-45	SP13-151-60
	10°	25°	45°	60°
	7,5 cm / 3"	7,5 cm / 3"	7 cm / 2 5/8"	6,5 cm / 2 4/8"

Lung Grasping Forceps

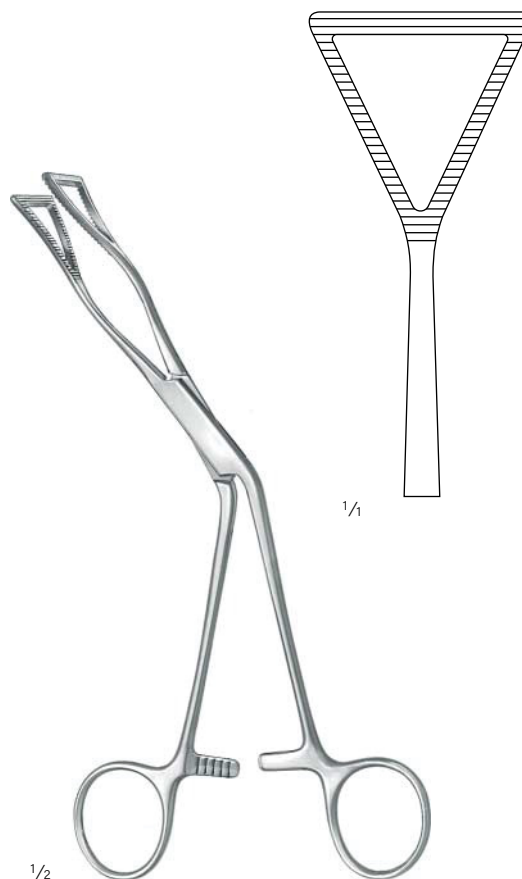
Lungenfasszangen
Pinzas para coger el pulmón
Pince-clamps à poumons
Pinze per afferrare polmone

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare



Lovelace
SP13-152-20
20,5 cm / 8 1/8"



Lovelace
SP13-153-19
19 cm / 7 4/8"

Atrauma



De Bakey
SP13-154-08
SP13-154-12

St



De Bakey
SP13-155-08
SP13-155-13

Ti



De Bakey
SP13-156-08
SP13-156-11

St



De Bakey
SP13-157-08
SP13-157-11

Ti

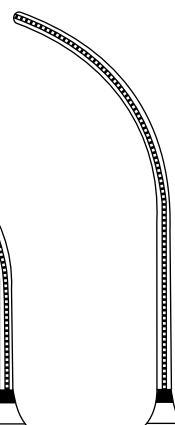
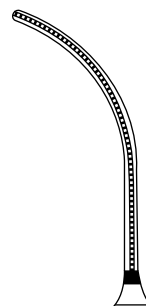
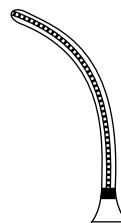
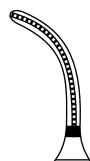
1/4



St	SP13-154-08	SP13-154-09	SP13-154-10	SP13-154-12
	8 cm / 3 1/8"	9 cm / 3 4/8"	10,5 cm / 4 1/8"	12,5 cm / 4 7/8"
	30 mm	40 mm	55 mm	75 mm

Ti	SP13-155-08	SP13-155-09	SP13-155-11	SP13-155-13
	8 cm / 3 1/8"	9 cm / 3 4/8"	11 cm / 4 3/8"	13 cm / 5 1/8"
	25 mm	35 mm	55 mm	75 mm

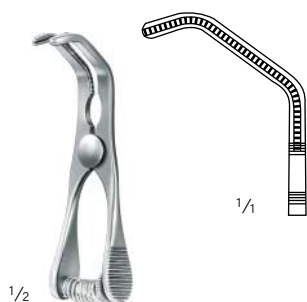
1/4



St	SP13-156-08	SP13-156-09	SP13-156-10	SP13-156-11
	8 cm / 3 1/8"	8,5 cm / 3 3/8"	9,5 cm / 3 6/8"	11,5 cm / 4 4/8"
	25 mm	35 mm	50 mm	65 mm

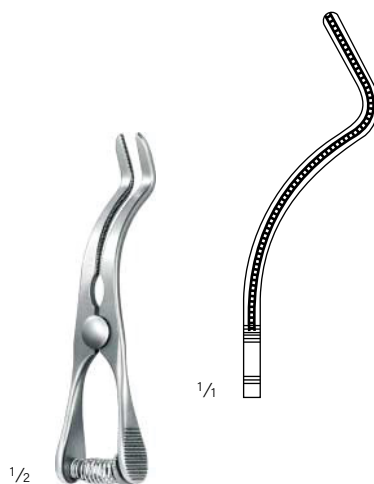
Ti	SP13-157-08	SP13-157-09	SP13-157-10	SP13-157-11
	8 cm / 3 1/8"	9 cm / 3 4/8"	10 cm / 3 7/8"	11,5 cm / 4 4/8"
	25 mm	30 mm	45 mm	60 mm

Atrauma



De Bakey-Satinsky
SP13-158-07

7 cm / 2 ⁵/₈"



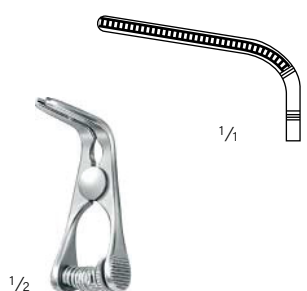
De Bakey-Satinsky
SP13-159-09

9 cm / 3 ⁴/₈"



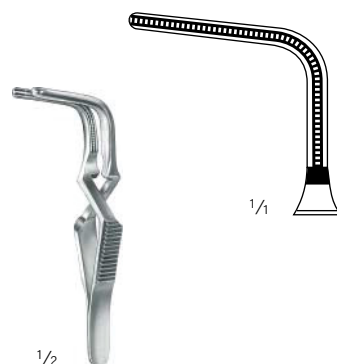
De Bakey-Satinsky
SP13-160-10

10 cm / 3 ⁷/₈"



Glover
SP13-161-06

6,5 cm / 2 ⁴/₈"



Santulli
SP13-162-07

7 cm / 2 ⁵/₈"

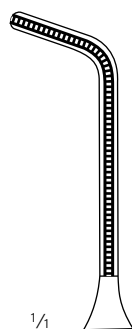


Atrauma



1/2

Gregory, soft
SP13-163-09
SP13-163-11
Carotid clamp

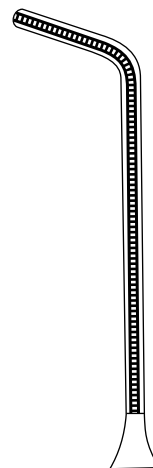


1/1

SP13-163-09
9 cm / 3 4/8"



40 mm



SP13-163-11
11 cm / 4 3/8"

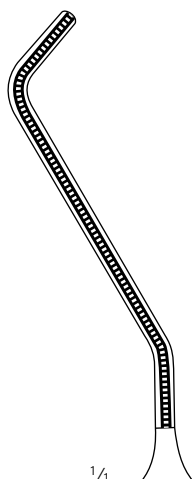


60 mm



1/2

Gregory
SP13-164-11
SP13-165-11
Carotid clamp

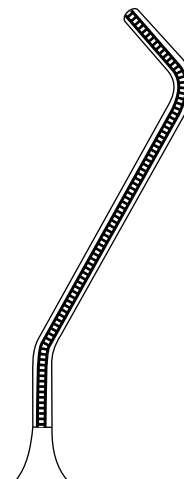


1/1

SP13-164-11
11 cm / 4 3/8"



60 mm



SP13-165-11
11 cm / 4 3/8"



60 mm

Aortic Clamps

Aortaklemmen

Pinzas aórticas

Pinces-clamps pour aorte

Pinze per aorta

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

Atrauma



De Bakey-Rankin

SP13-166-16

SP13-167-16

16 cm / 6 ²/₈"

1/1

SP13-166-16



SP13-167-16



De Bakey-Mosquito

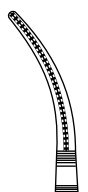
SP13-168-15

SP13-169-15

15 cm / 5 ⁷/₈"

1/1

SP13-168-15

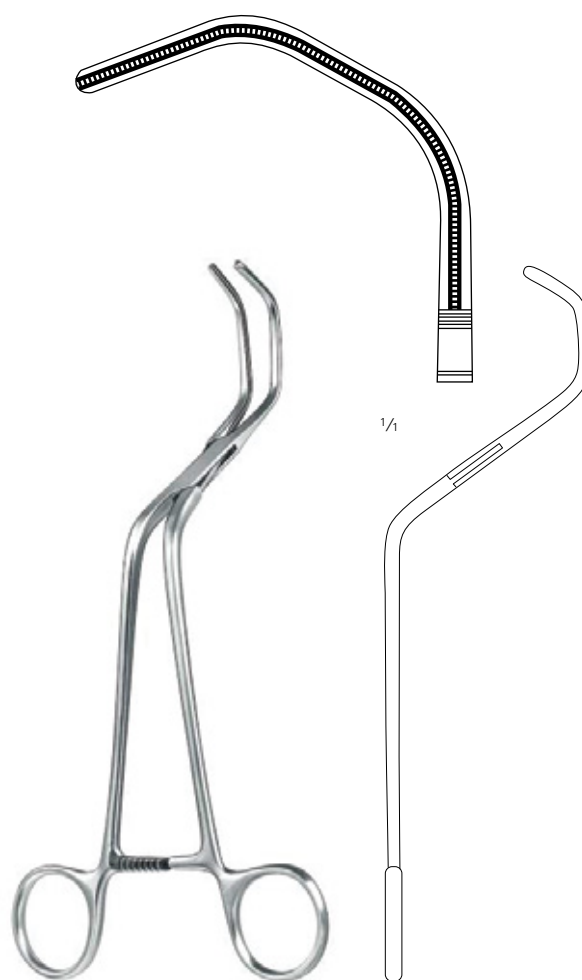
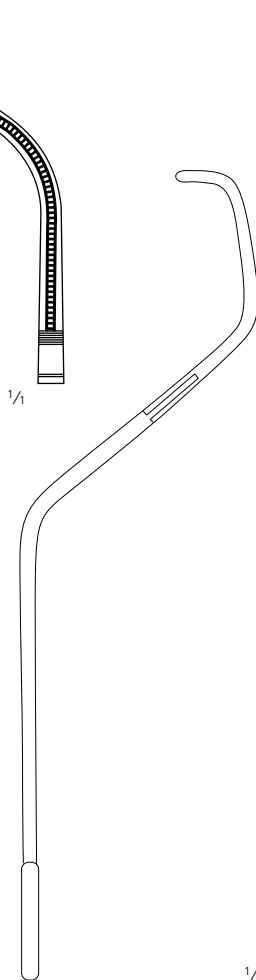


SP13-169-15

Atrauma



Ochsner
SP13-170-22
22 cm / 8 ⁵/₈"



Diethrich
SP13-171-21
21 cm / 8 ²/₈"

Multi purpose Vascular Clamps

Mehrzweck-Gefäßklemmen

Pinzas vasculares de usos múltiples

Pinces vasculaires universelles

Pinze vascolari universali

Cardio Thoracic and Vascular Surgery

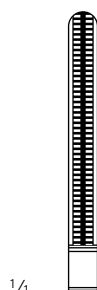
Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

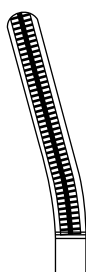
Atrauma



1/1

SP13-172-00

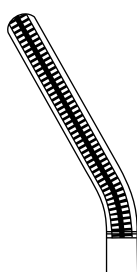
16 cm / 6 2/8"



15°

SP13-172-15

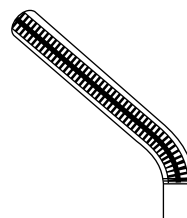
15,5 cm / 6 1/8"



30°

SP13-172-30

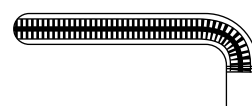
15,5 cm / 6 1/8"



45°

SP13-172-45

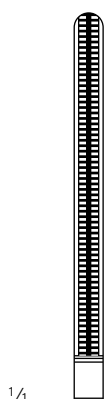
15 cm / 5 7/8"



90°

SP13-172-90

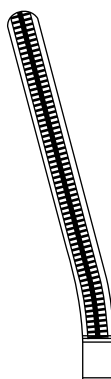
13,5 cm / 5 3/8"



1/1

SP13-173-00

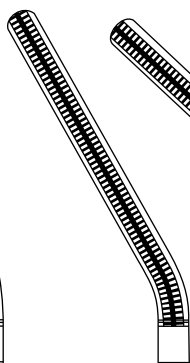
17 cm / 6 5/8"



15°

SP13-173-15

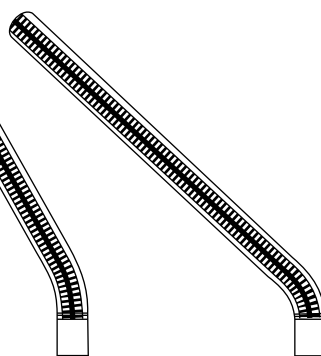
16,5 cm / 6 4/8"



30°

SP13-173-30

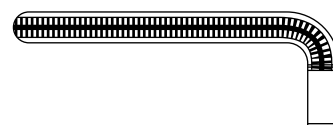
16 cm / 6 2/8"



45°

SP13-173-45

16 cm / 6 2/8"



90°

SP13-173-90

14 cm / 5 4/8"



1/2

Dardik

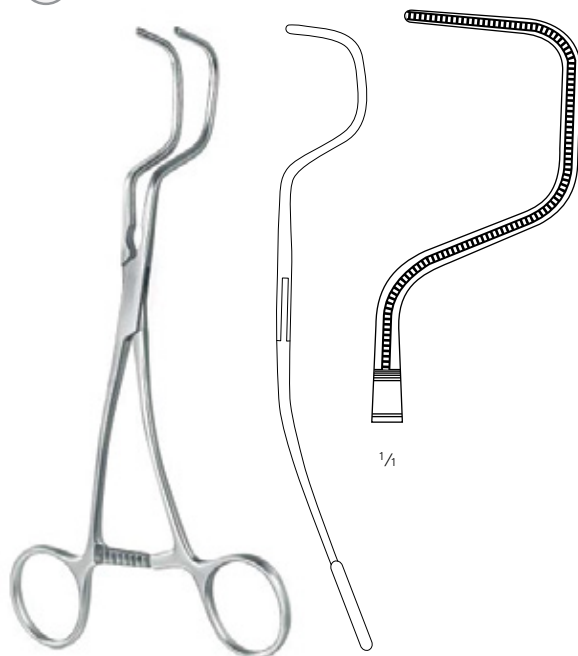
SP13-172-00

SP13-173-90

Atrauma



1/2



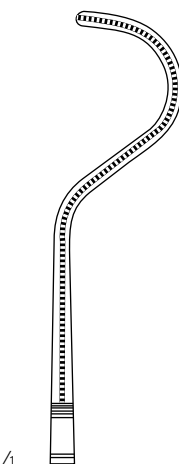
Dale
SP13-174-18
 18 cm / 7 1/8"

1/2



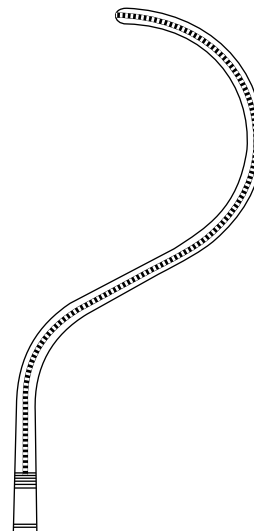
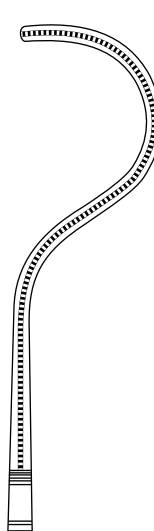
Dale
SP13-175-17
SP13-175-19

1/4



SP13-175-17
 17,5 cm / 6 7/8"

SP13-175-18
 18 cm / 7 1/8"



SP13-175-19
 18,5 cm / 7 2/8"

Profunda Clamps

Profundaklemmen
Pinzas para la profunda
Pinces fémorale
Pinze profunda

Cardio Thoracic and Vascular Surgery

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Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare

Atrauma



$\frac{1}{2}$

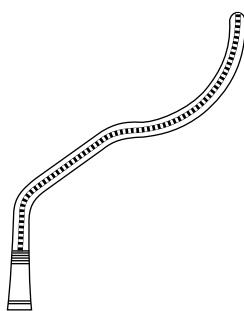


Gregory

SP13-176-14

SP13-176-18

$\frac{1}{4}$



SP13-176-14

13,5 cm / 5 $\frac{3}{8}$ "

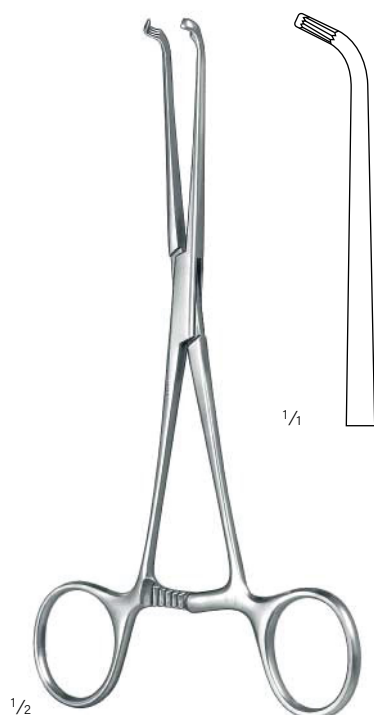
SP13-176-16

16 cm / 6 $\frac{2}{8}$ "

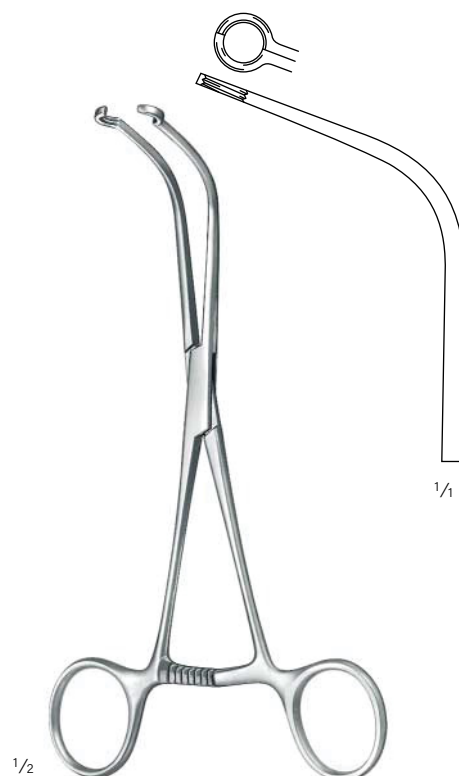


SP13-176-18

18 cm / 7 $\frac{1}{8}$ "



Javid
SP13-177-17
 17,5 cm / 6 ⁷/₈"



Javid
SP13-178-18
 18,5 cm / 7 ²/₈"

Peripheral Vascular Clamps

Peripheral-Gefäßklemmen

Pinzas para vasos periféricos

Pinces-clamps vasculaires périphériques

Pinze vascolari periferali

Cardio Thoracic and Vascular Surgery

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Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

Atrauma



Martin

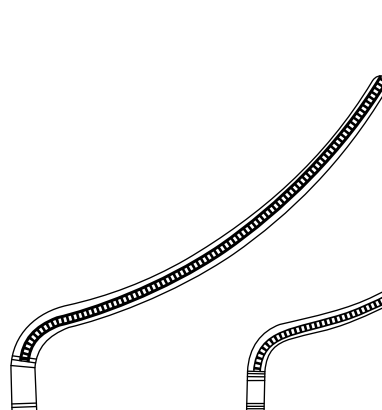
SP13-179-16

SP13-179-18



SP13-179-16

16 cm / 6 ²/₈"



SP13-179-18

18 cm / 7 ¹/₈"



Martin

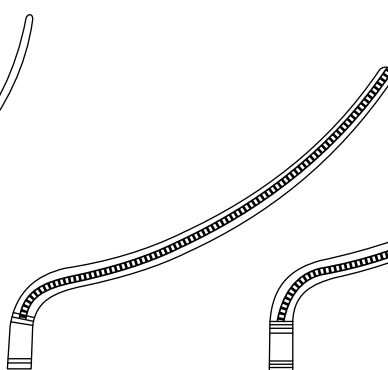
SP13-180-17

SP13-180-19



SP13-180-17

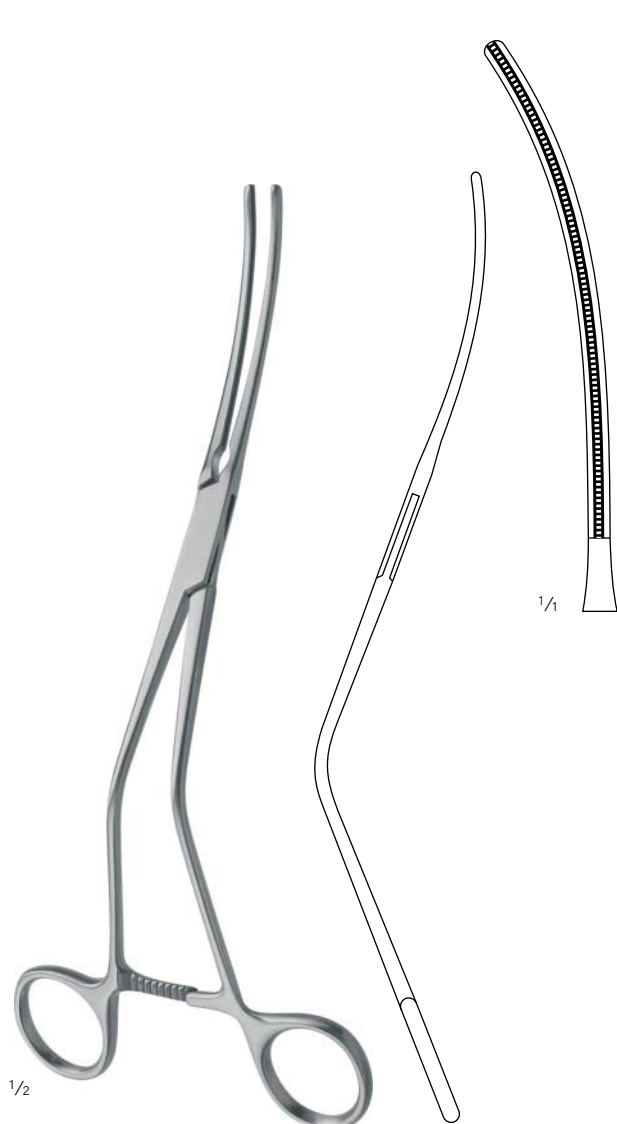
17 cm / 6 ⁶/₈"



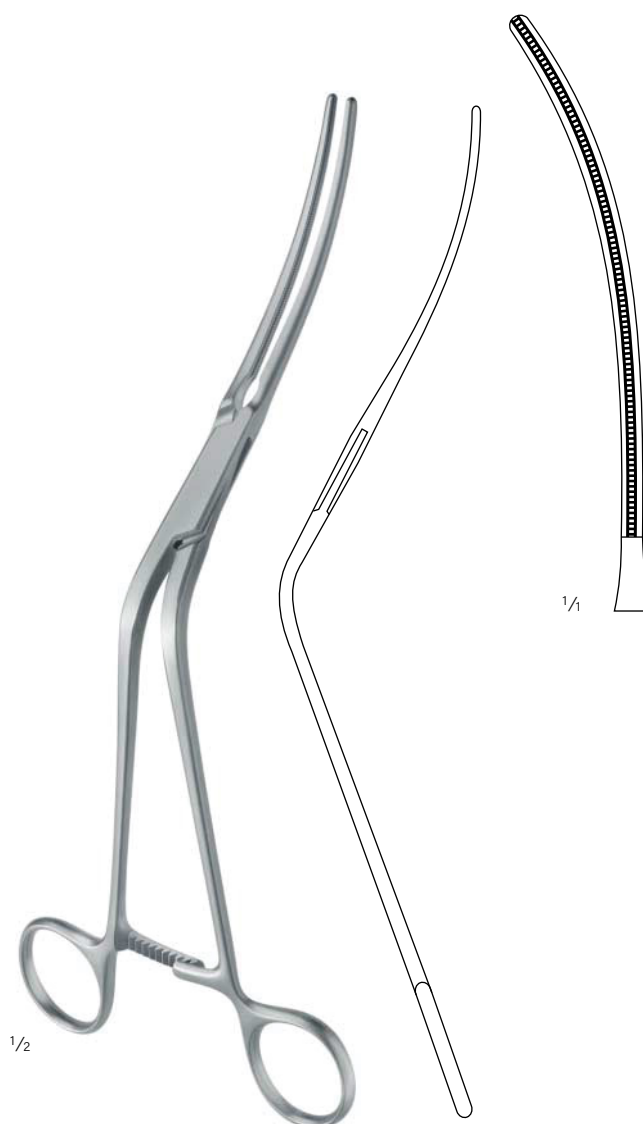
SP13-180-19

19,5 cm / 7 ⁵/₈"

Atrauma



Wylie
SP13-181-24
24 cm / 9 ⁴/₈"



Wylie
SP13-182-27
27 cm / 10 ⁵/₈"

Aortic Clamps

Aortaklemmen

Pinzas aórticas

Pinces-clamps pour aorte

Pinze per aorta

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

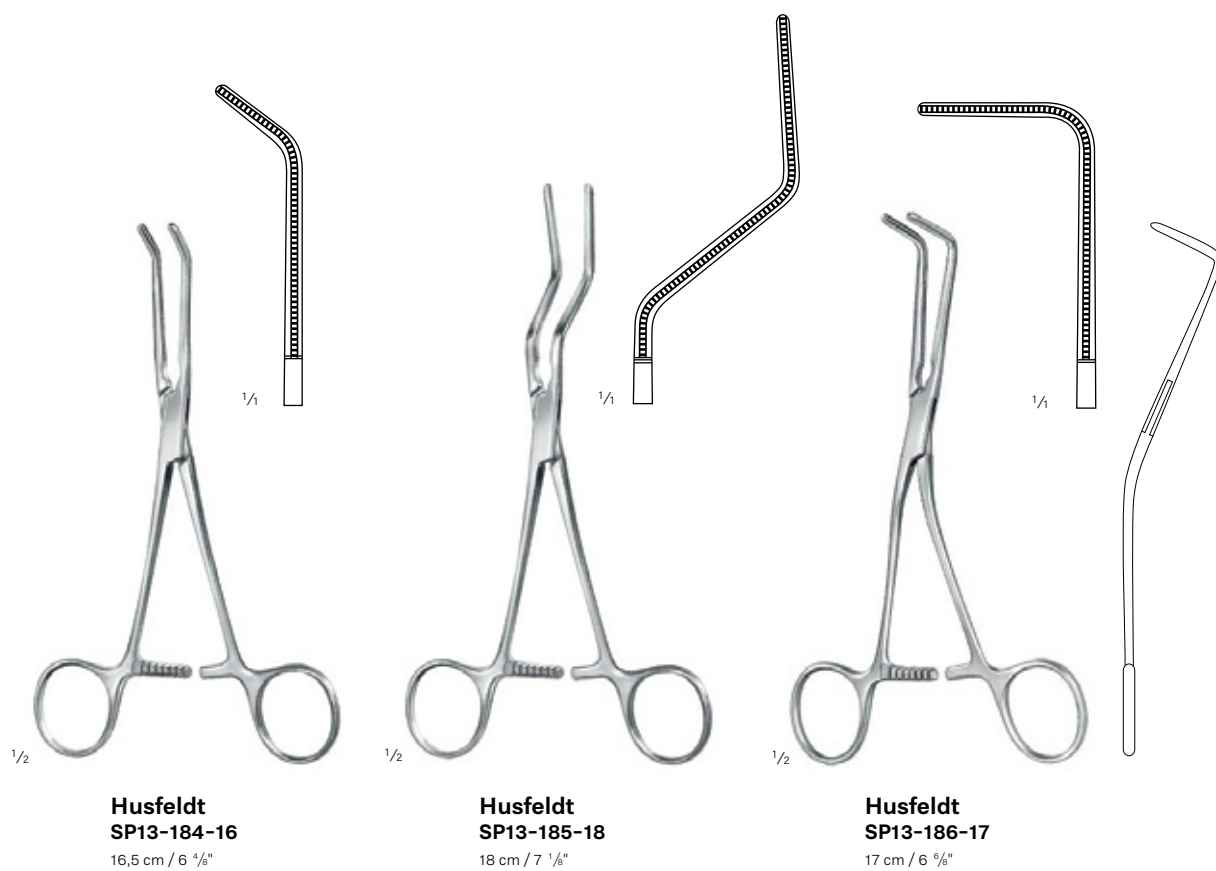
Chirurgia cardiaca, toracica e vascolare

Atrauma



De Bakey
I M13-183-30
30 cm / 11 5/8"

Atrauma



Vascular Measuring Device, Peripheral Vascular Clamps

Gefäß-Messzirkel, Peripheral-Gefäßklemmen

Compas para medir vasos, Pinzas para vasos periféricos

Compas pour mesurer la longueur des vaisseaux

Pinza vascolare compasso, Pinze vascolari periferali

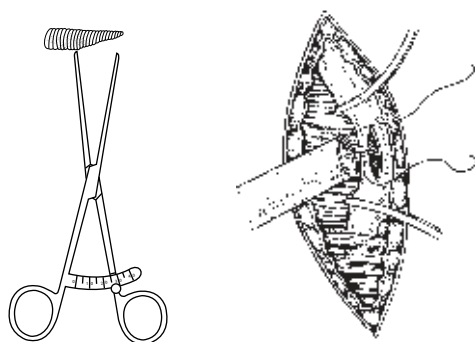
Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare



Atrauma



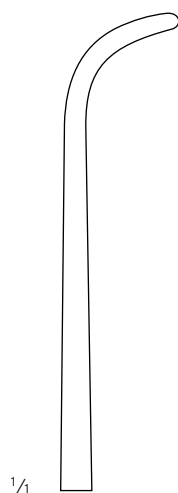
$\frac{1}{2}$

Martin

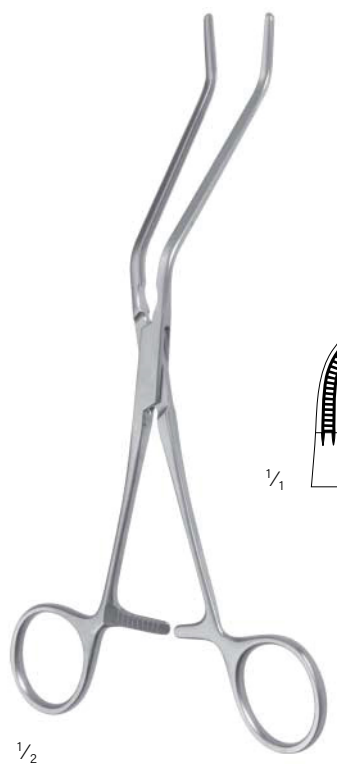
SP13-187-18

18 cm / 7 $\frac{1}{8}$ "

Vascular Measuring Device



$\frac{1}{4}$

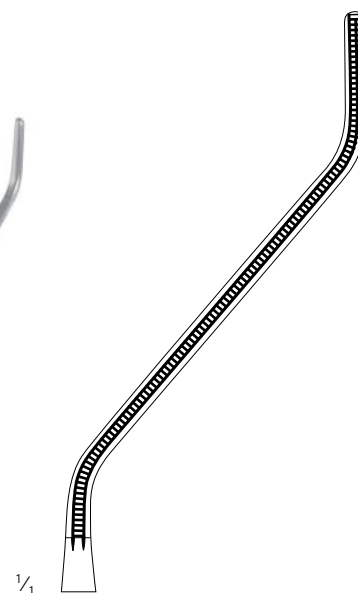


$\frac{1}{2}$

Henly

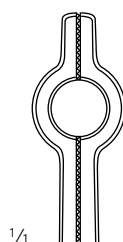
SP13-188-20

20 cm / 7 $\frac{7}{8}$ "



$\frac{1}{4}$

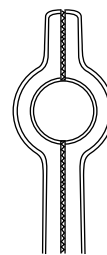
Atrauma



$\frac{1}{1}$

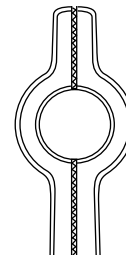
SP13-189-00

17 cm / 6 $\frac{5}{8}$ "
20 Charr.



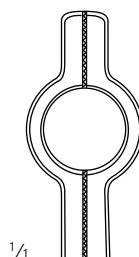
SP13-189-01

17 cm / 6 $\frac{5}{8}$ "
24 Charr.



SP13-189-02

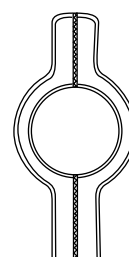
20 cm / 7 $\frac{7}{8}$ "
28 Charr.



$\frac{1}{1}$

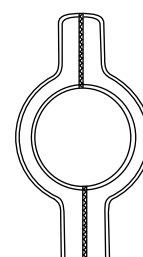
SP13-189-03

20 cm / 7 $\frac{7}{8}$ "
30 Charr.



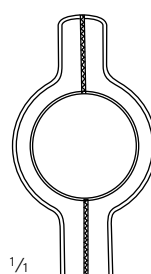
SP13-189-04

20 cm / 7 $\frac{7}{8}$ "
32 Charr.



SP13-189-05

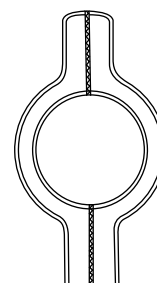
20 cm / 7 $\frac{7}{8}$ "
36 Charr.



$\frac{1}{1}$

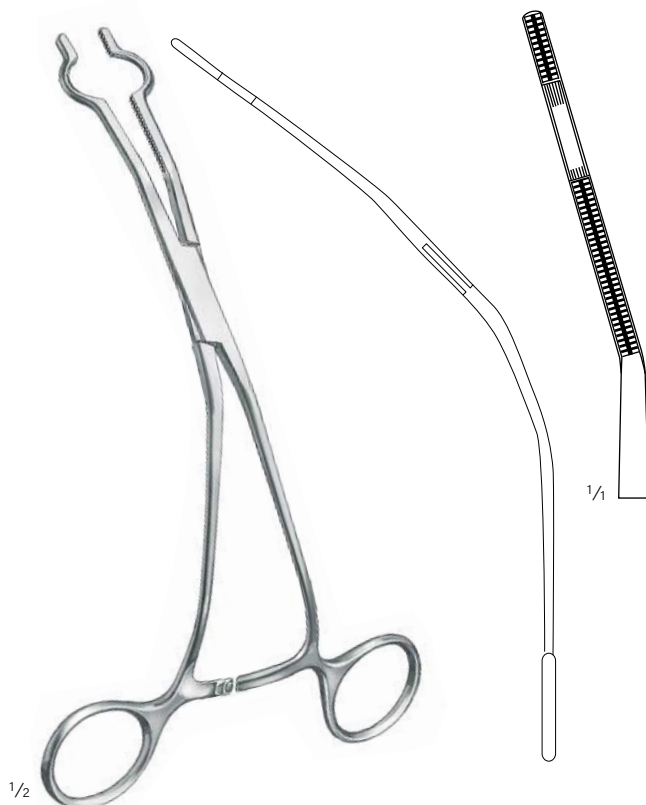
SP13-189-06

20 cm / 7 $\frac{7}{8}$ "
38 Charr.



SP13-189-07

20 cm / 7 $\frac{7}{8}$ "
40 Charr.



$\frac{1}{2}$

Cooley

SP13-189-00

SP13-189-07

Abdominal Aortic Clamps

Abdominale Aortaklemmen

Pinzas aórticas abdominales

Pinces-clamps pour aorte abdominaux

Pinze per aorta addominali

Cardio Thoracic and Vascular Surgery

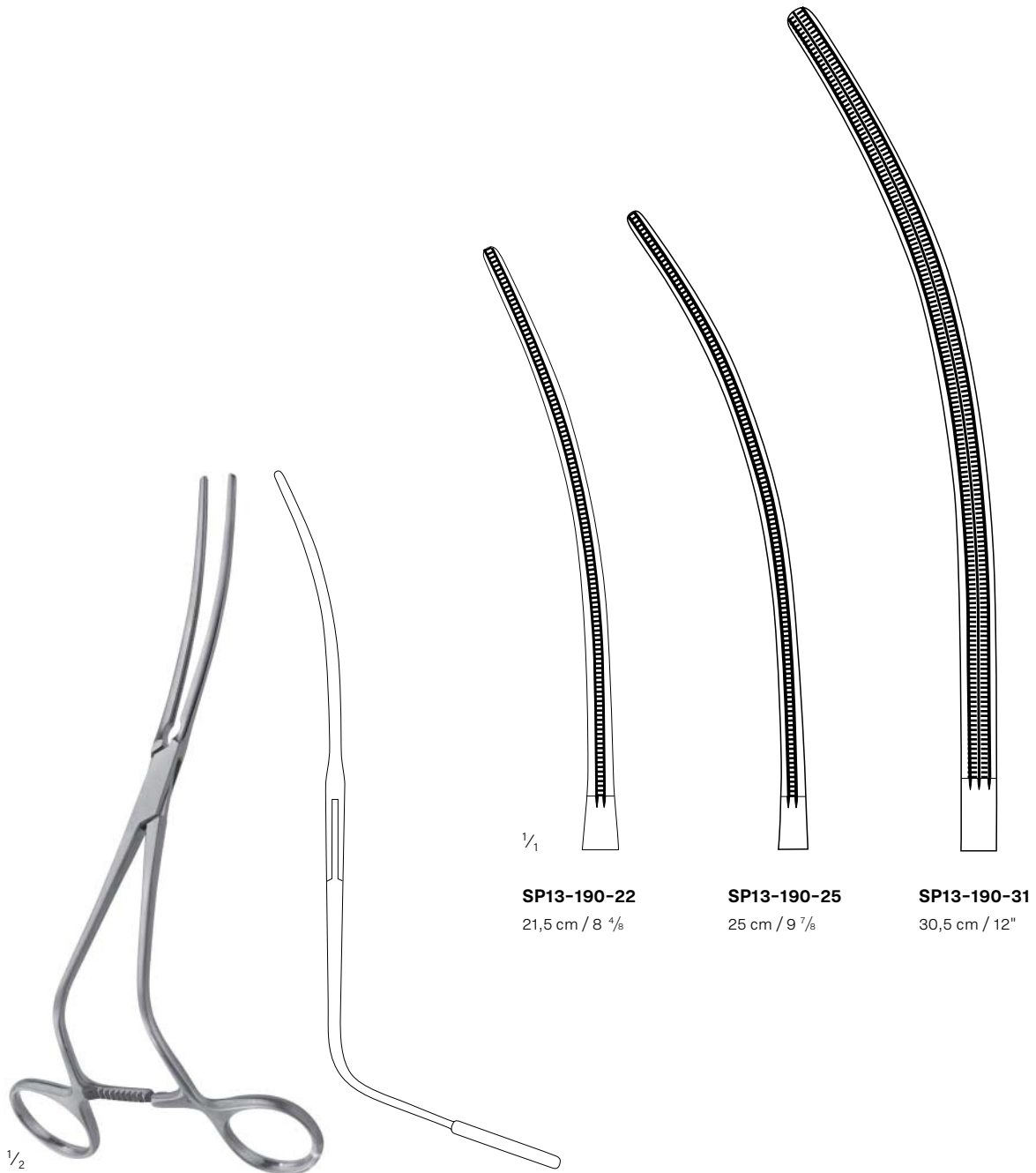
Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

Atrauma



1/2

1/1

SP13-190-22

21,5 cm / 8 4/8

SP13-190-25

25 cm / 9 7/8

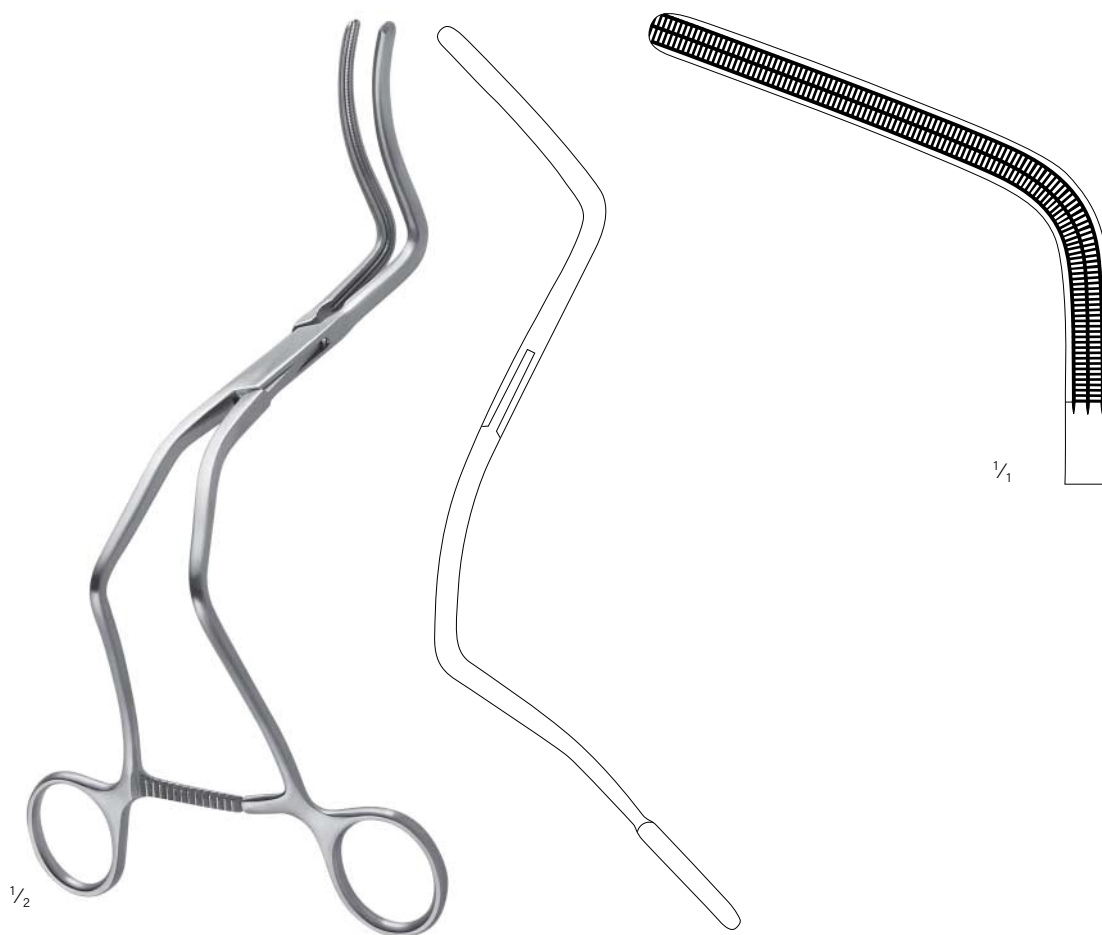
SP13-190-31

30,5 cm / 12"

Zanger

SP13-190-22

SP13-190-31



Grant
SP13-191-25
 24,5 cm / 9 5/8"

Abdominal Aortic Clamps

Abdominale Aortaklemmen

Pinzas aórticas abdominales

Pinces-clamps pour aorte abdominaux

Pinze per aorta addominali

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

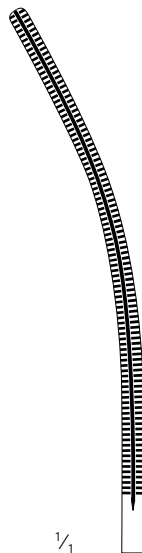
Atrauma



Cooley

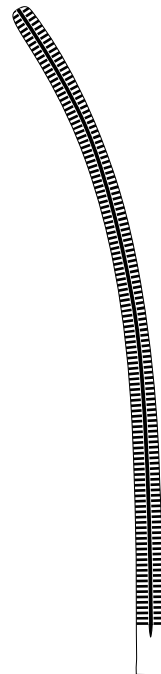
SP13-192-19

SP13-192-33



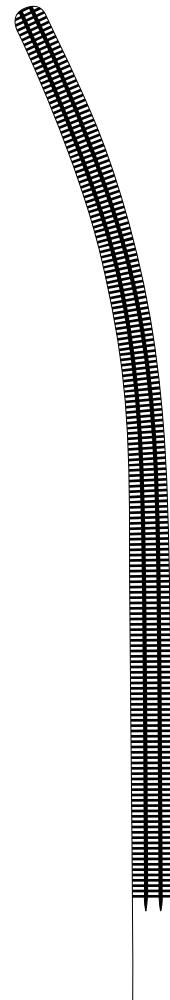
SP13-192-19

19 cm / 7 4/8"



SP13-192-26

26,5 cm / 10 4/8"



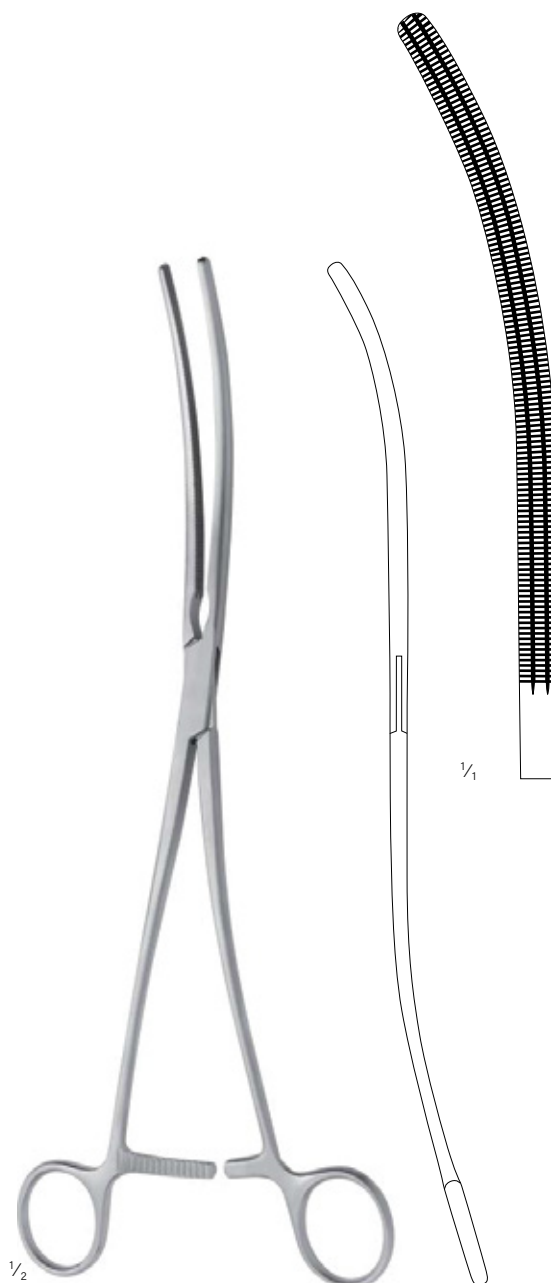
IAM13-192-33

33,5 cm / 13 4/8"

Atrauma



Cooley
SP13-193-26
 26 cm / 10 ²/₆"



Cooley
SP13-194-31
 31,5 cm / 12 ²/₆"

Vascular Forceps

Gefäßpinzetten

Pinzas de disección vascular

Pinces à dissection vasculaires

Pinze per dissezione vascolari

Cardio Thoracic and Vascular Surgery

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Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

Atrauma



1/4



1,5 mm

SP13-195-16

16 cm / 6 2/8"



1,5 mm

SP13-195-20

20 cm / 7 7/8"



1,5 mm

SP13-195-25

25 cm / 9 7/8"

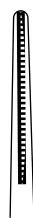
1/4



2,0 mm

SP13-196-16

16 cm / 6 2/8"



2,0 mm

SP13-196-20

20 cm / 7 7/8"



2,0 mm

SP13-196-25

25 cm / 9 7/8"



2,0 mm

SP13-196-30

30 cm / 11 5/8"

1/4



2,7 mm

SP13-197-16

16 cm / 6 2/8"



2,7 mm

SP13-197-20

20 cm / 7 7/8"



2,7 mm

SP13-197-25

25 cm / 9 7/8"



2,7 mm

SP13-197-30

30 cm / 11 5/8"

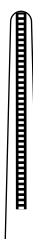
1/4



3,5 mm

SP13-198-16

16 cm / 6 2/8"



3,5 mm

SP13-198-20

20 cm / 7 7/8"



3,5 mm

SP13-198-25

25 cm / 9 7/8"



3,5 mm

SP13-198-30

30 cm / 11 5/8"



1/2

De Bakey

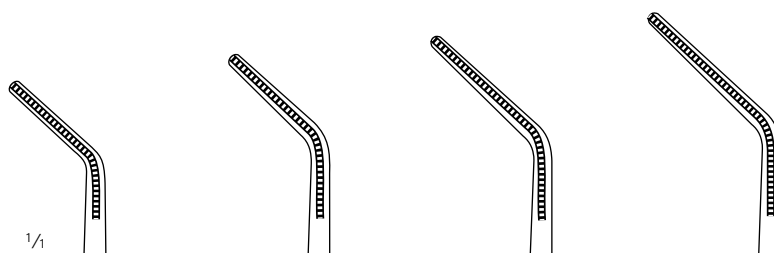
SP13-195-16

SP13-198-30

Atrauma

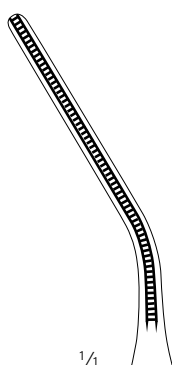


1/2



2,0 mm	2,0 mm	2,0 mm	2,0 mm
SP13-199-16	SP13-199-20	SP13-199-25	SP13-199-30
16 cm / 6 2/8"	20 cm / 7 7/8"	25 cm / 9 7/8"	30 cm / 11 6/8"

De Bakey
SP13-199-16
SP13-199-30



1/1



47 mm



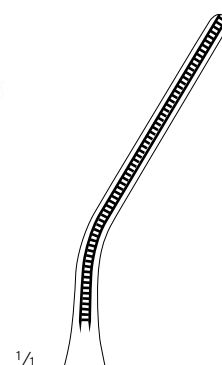
1/2

SP13-200-01
9,5 cm / 3 6/8"
Gregory-Style
right



1/2

SP13-200-02
9,5 cm / 3 6/8"
Gregory-Style
left



1/1



47 mm

Bulldog Clamps
 Bulldogklemmen
 Clamps Bulldog
 Clamps Bulldog
 Pinze Bulldog

Cardio Thoracic and Vascular Surgery
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 Chirurgie cardiaque, thoracique et vasculaire
 Chirurgia cardiaca, toracica e vascolare

Atrauma



1/2



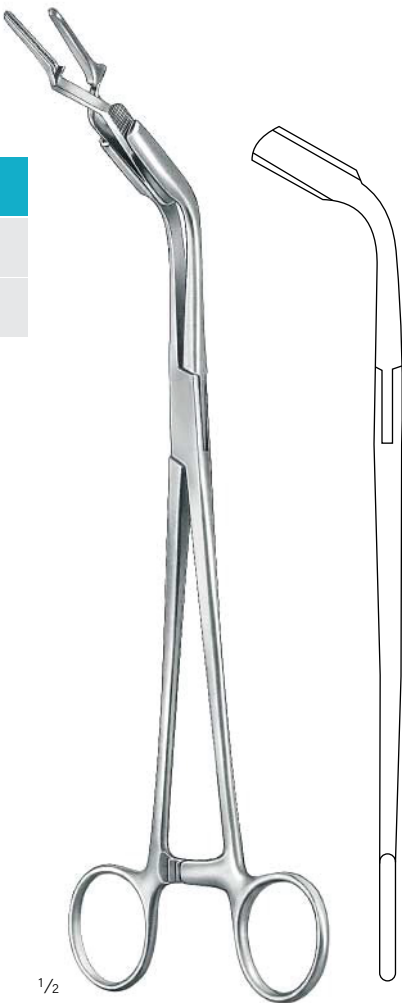
Glover
SP13-201-07
SP13-201-11

1/4



St	SP13-201-07	SP13-201-08	SP13-201-09	SP13-201-11
	7 cm / 2 5/8"	8 cm / 3 1/8"	9,5 cm / 3 5/8"	11 cm / 4 2/8"
	30 mm	40 mm	50 mm	70 mm

1/2

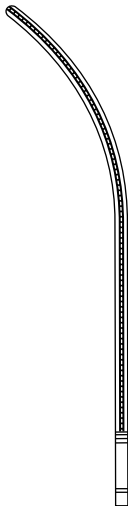
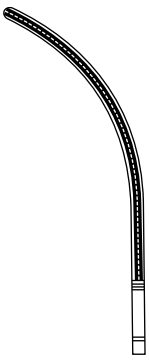


1/2



Glover
SP13-202-06
SP13-202-10

1/4



St	SP13-202-06	SP13-202-07	SP13-202-09	SP13-202-10
	6,5 cm / 2 1/8"	7,5 cm / 3"	9,0 cm / 3 1/8"	10,5 cm / 4"
	25 mm	35 mm	45 mm	65 mm

SP13-203-24
 24 cm / 9 4/8"
 Applying Forceps for Bulldog clamps

Atrauma



SP13-204-21
21 cm / 8 2/8"

SP13-204-22
22,5 cm / 8 7/8"



SP13-205-21
20,5 cm / 8 1/8"

SP13-205-22
22 cm / 8 5/8"

Potts
SP13-204-21
SP13-204-22

Potts
SP13-205-21
SP13-205-22

Coarctation Clamps

Coarctationsklemmen
Pinzas para coarctación
Pinces-clamps pour coarctation
Pinze per coartazione

Cardio Thoracic and Vascular Surgery

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Chirurgia cardiaca, toracica e vascolare

Atrauma



$\frac{1}{2}$

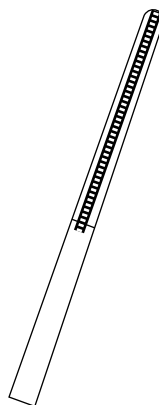


Potts

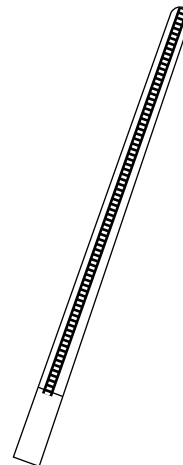
SP13-206-21

SP13-206-22

$\frac{1}{1}$



SP13-206-21
20,5 cm / 8"

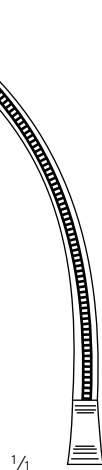


SP13-206-22
22 cm / 8 $\frac{5}{8}$ "

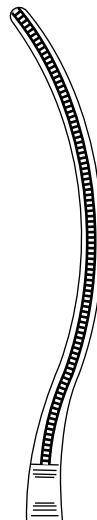
Atrauma



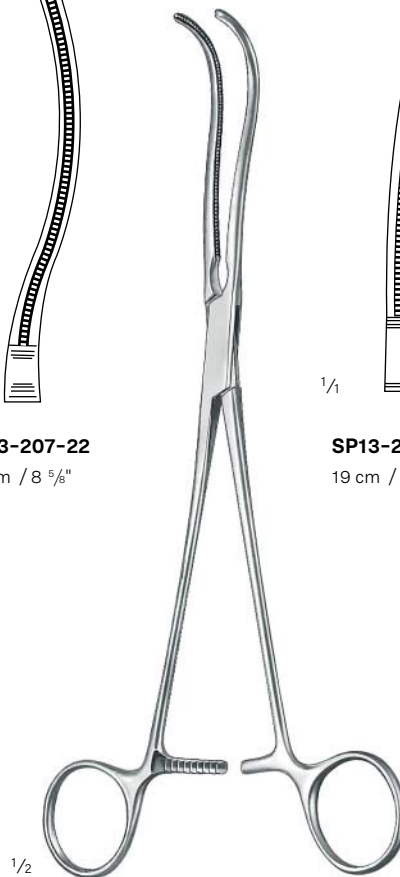
Potts
 SP13-207-21
 SP13-207-22



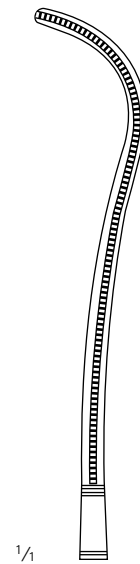
SP13-207-21
 21,5 cm / 8 4/8"



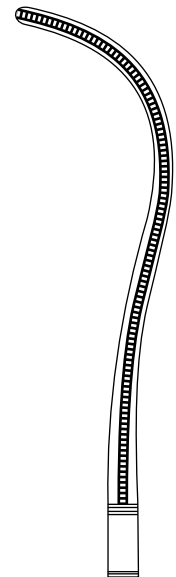
SP13-207-22
 22 cm / 8 5/8"



De Bakey
 SP13-208-19
 SP13-208-24



SP13-208-19
 19 cm / 7 4/8"



SP13-208-24
 24 cm / 9 4/8"

Peripheral Vascular Clamps

Peripheral-Gefäßklemmen

Pinzas para vasos periféricos

Pinces-clamps vasculaires périphériques

Pinze vascolari periferali

Cardio Thoracic and Vascular Surgery

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Chirurgie cardiaque, thoracique et vasculaire

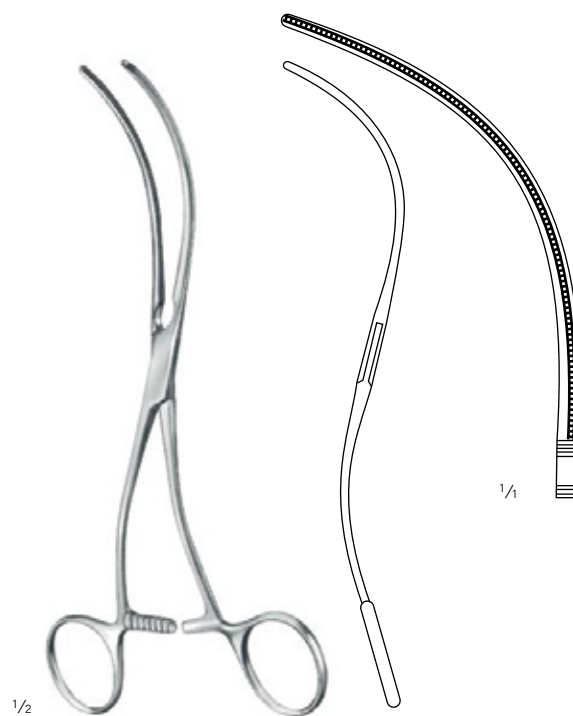
Chirurgia cardiaca, toracica e vascolare

Atrauma



De Bakey
SP13-209-16

16 cm / 6 ²/₈"



De Bakey
SP13-210-19

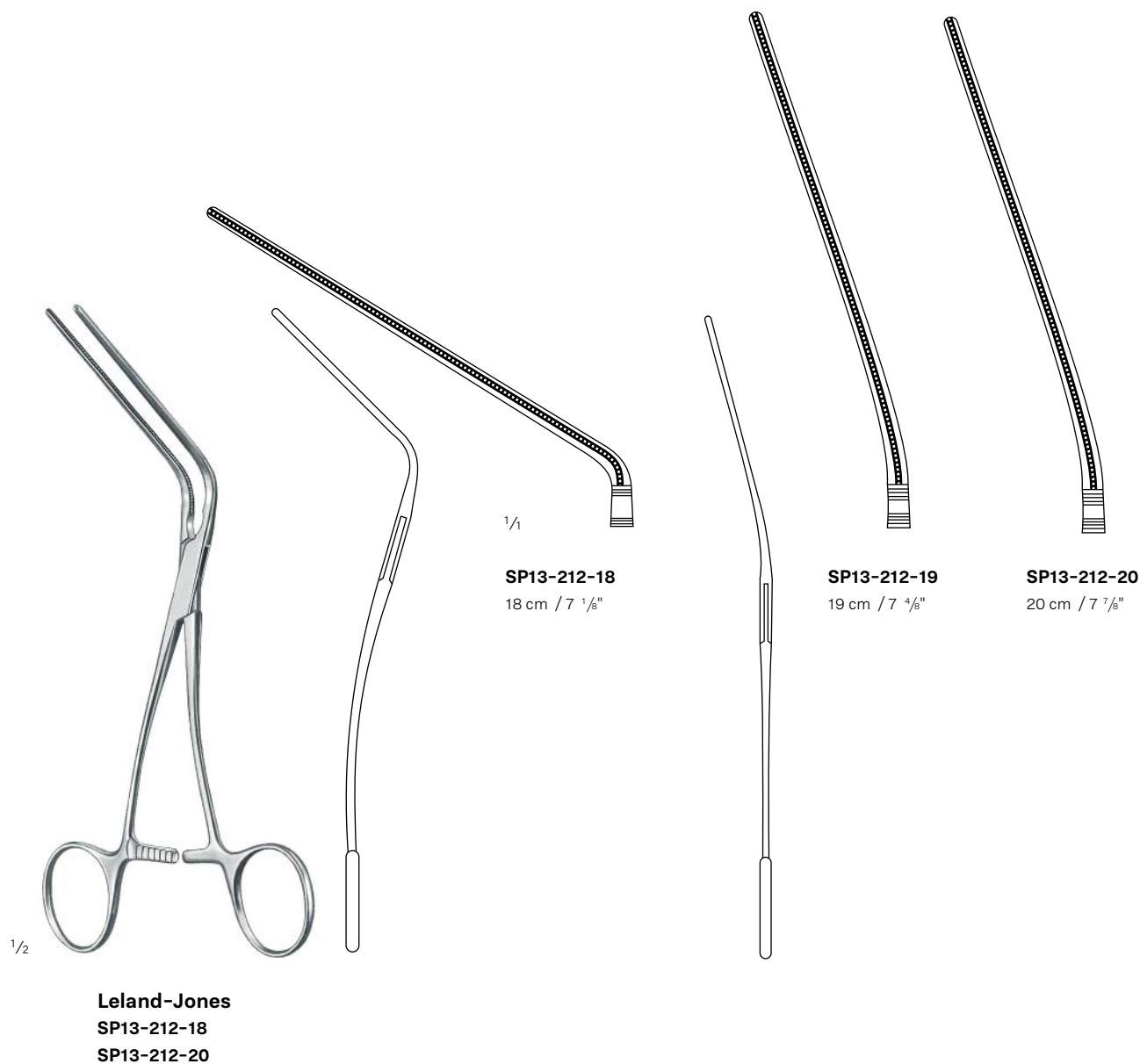
19 cm / 7 ⁴/₈"



De Bakey
SP13-211-20

20 cm / 7 ⁷/₈"

Atrauma



Multi purpose Vascular Clamps

Mehrzweck-Gefäßklemmen

Pinzas vasculares de usos múltiples

Pinces vasculaires universelles

Pinze vascolari universali

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

Atrauma

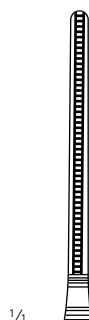


1/2

Bainbridge

SP13-213-15

SP13-213-18



1/1

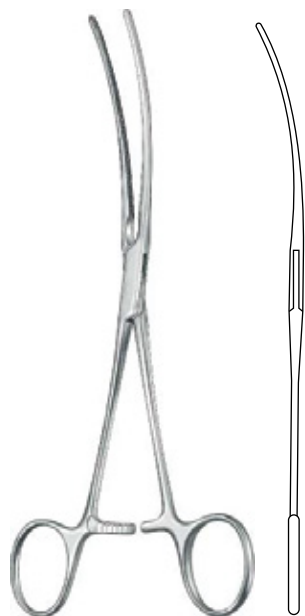
SP13-213-15

15 cm / 5 7/8"



SP13-213-18

18,5 cm / 7 2/5"

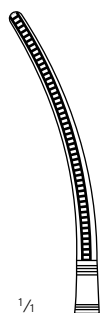


1/2

Bainbridge

SP13-214-15

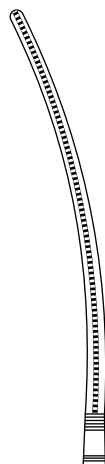
SP13-214-18



1/1

SP13-214-15

15 cm / 5 7/8"



SP13-214-18

18,5 cm / 7 2/5"

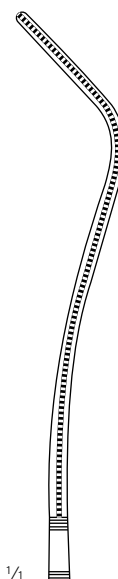


1/2

De Bakey

SP13-215-20

20 cm / 7 7/8"



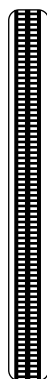
1/1

Atrauma



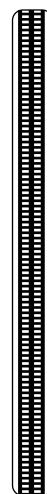
Kowalski
SP13-216-26
SP13-216-28

1/1



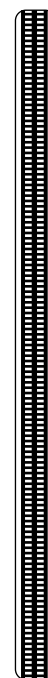
SP13-216-26
26 cm / 10 ²/₈"

 50 mm



SP13-216-27
27 cm / 10 ²/₈"

 65 mm



SP13-216-28
28 cm / 11"

 90 mm

Aortic Aneurysm Clamps

Aorta-Aneurysmaklemmen

Pinzas para aneurisma de aórtica

Pinces-clamps pour anévrisme de l'aorte

Pinze per aneurisma della aorta

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

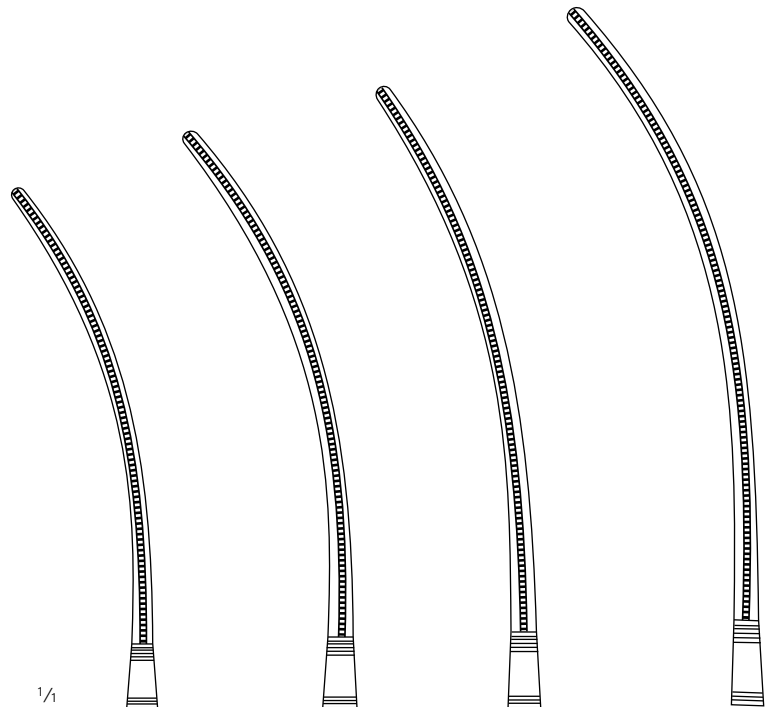
Atrauma



De Bakey

SP13-217-26

SP13-217-33



SP13-217-26

26 cm / 10 $\frac{2}{8}$ "

SP13-217-27

27 cm / 10 $\frac{5}{8}$ "

SP13-217-31

31 cm / 12 $\frac{2}{8}$ "

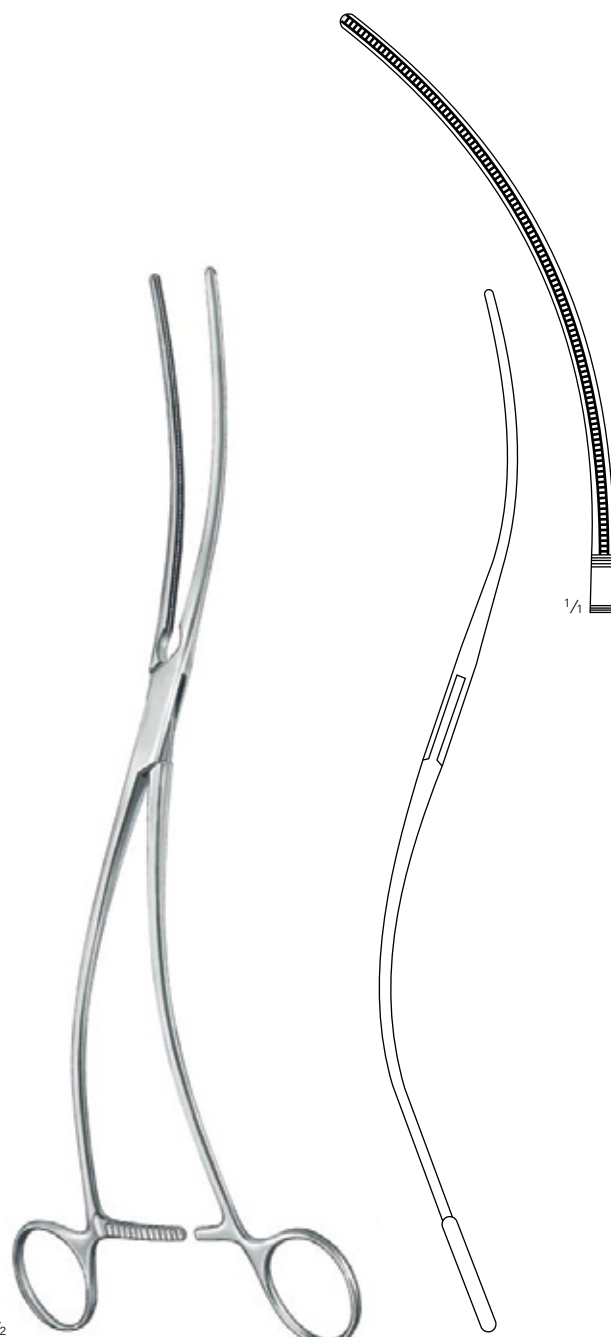
SP13-217-33

33 cm / 13"

Atrauma



De Bakey
SP13-218-28
 28 cm / 11"



De Bakey
SP13-219-30
 30 cm / 11 5/8"

Aneurysm Clamps

Aneurysmaklemmen
Pinzas para aneurisma
Pinces-clamps pour anévrisme
Pinze per aneurisma

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare

Atrauma

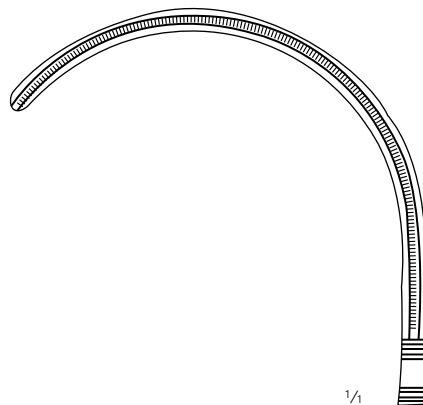


Cooley
SP13-220-25
25 cm / 9 ⁷/₈"

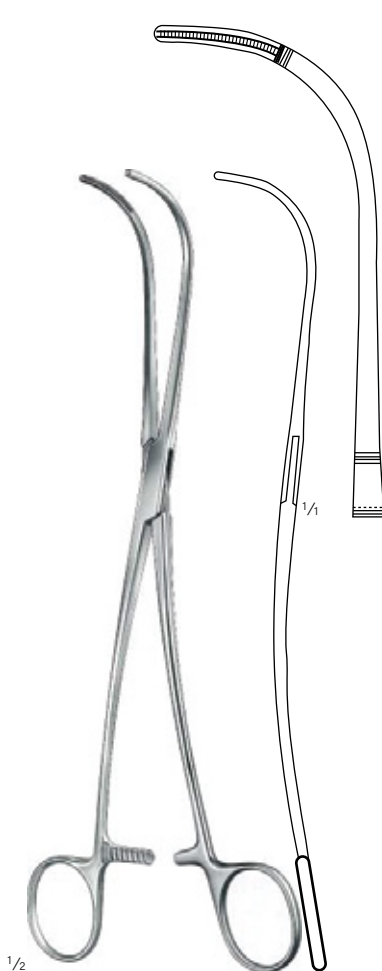


De Bakey
SP13-221-27
27 cm / 10 ⁵/₈"

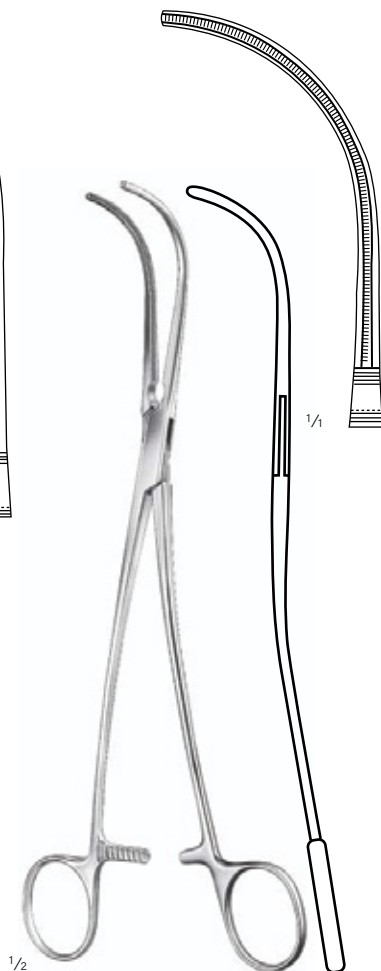
Atrauma



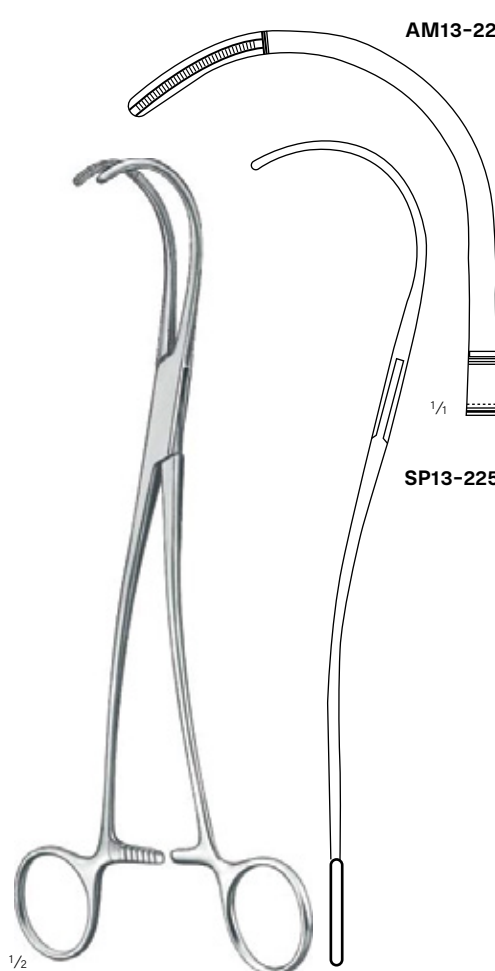
AM13-224-27



De Bakey
SP13-222-24
 24,5 cm / 9 5/8"



De Bakey
SP13-223-24
 24,5 cm / 9 5/8"



De Bakey
SP13-224-27
SP13-225-27
 27 cm / 10 5/8"

Aortic Clamps

Aortaklemmen

Pinzas aórticas

Pinces-clamps pour aorte

Pinze per aorta

Cardio Thoracic and Vascular Surgery

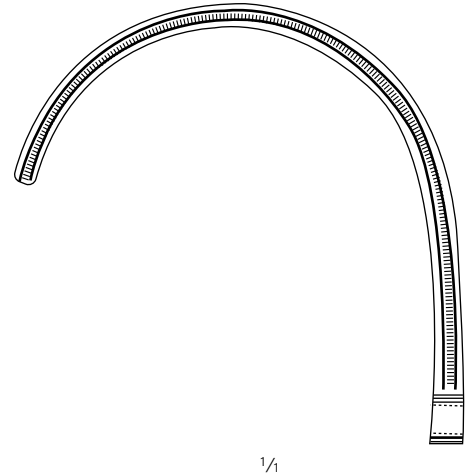
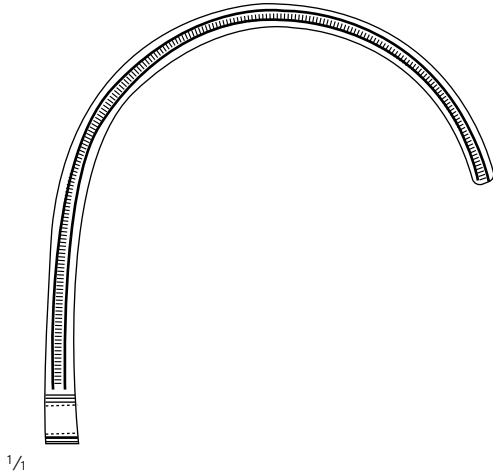
Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

Atrauma

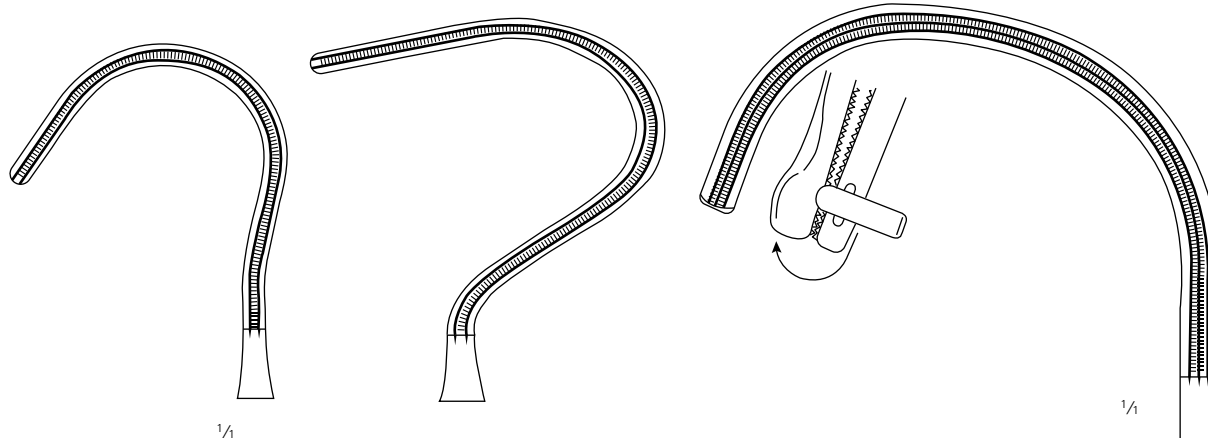


Weber
SP13-226-24
24 cm / 9 ⁴/₈"



Weber
SP13-227-24
24 cm / 9 ⁴/₈"

Atrauma



SP13-228-22

22,5 cm / 8 7/8"

SP13-228-23

23 cm / 9"



Wylie

SP13-228-22

SP13-228-23



Calne

SP13-229-27

27 cm / 10 5/8"

Liver Forceps

Leberklemmen

Pinzas para hígado

Pinces pour le foie

Pinze per il fegato

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

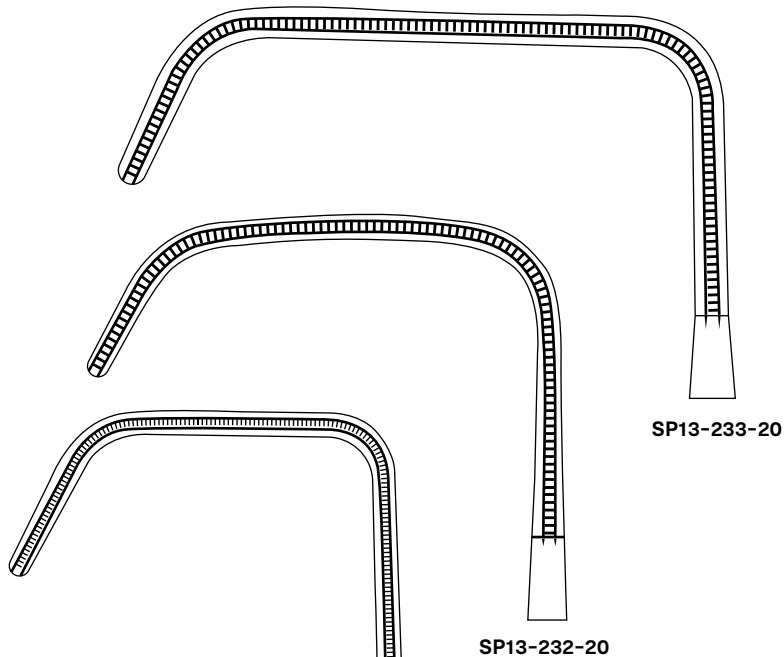
Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

Atrauma

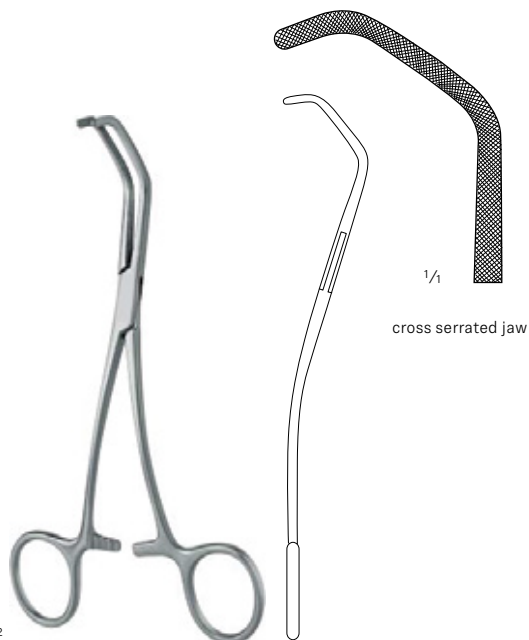


Atrauma



SP13-231-20
SP13-233-20
 20 cm / 7 7/8"

1/4
SP13-231-20



Satinsky
SP13-234-15
 15,5 cm / 6"

Tangential Occlusion Clamps

Tangentialklemmen

Pinzas para oclusión tangencial

Pinces-clamps pour occlusion tangentielle

Pinze per occlusione tangenziale

Cardio Thoracic and Vascular Surgery

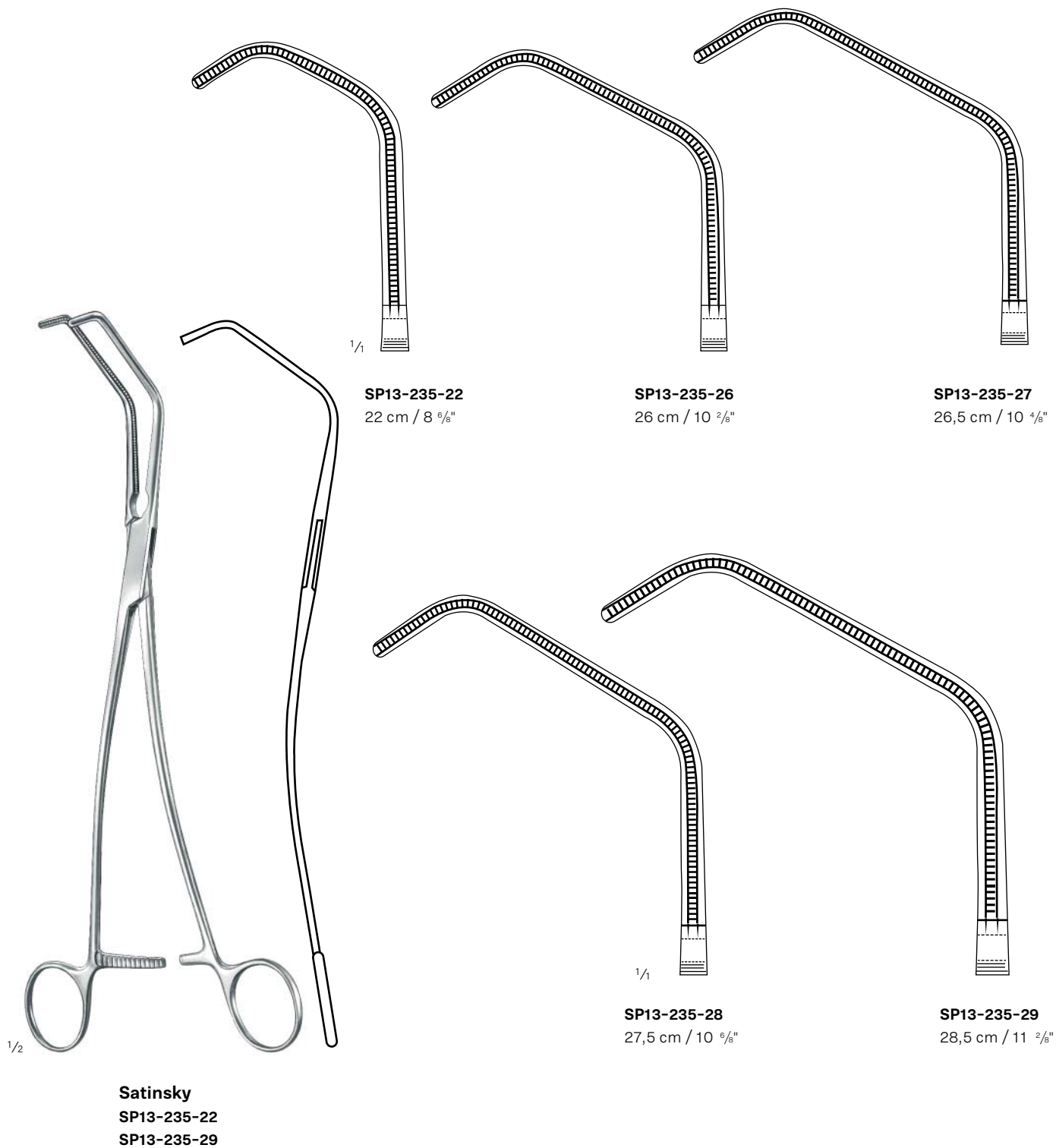
Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

Atrauma



SP13-235-22
22 cm / 8 ⁵/₈"

SP13-235-26
26 cm / 10 ²/₈"

SP13-235-27
26,5 cm / 10 ⁴/₈"

SP13-235-28
27,5 cm / 10 ⁵/₈"

SP13-235-29
28,5 cm / 11 ²/₈"

Satinsky

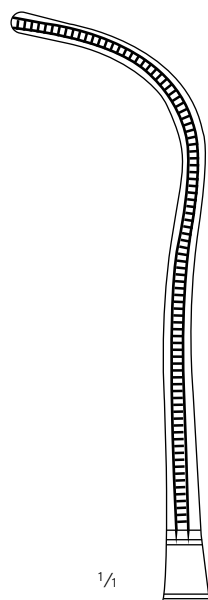
SP13-235-22

SP13-235-29

Atrauma

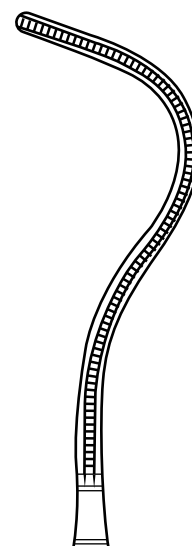


Harken
 SP13-236-01
 SP13-236-04

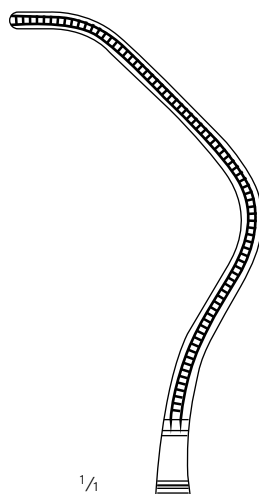


$\frac{1}{4}$

SP13-236-01
 24,5 cm / 9 $\frac{6}{8}$ "

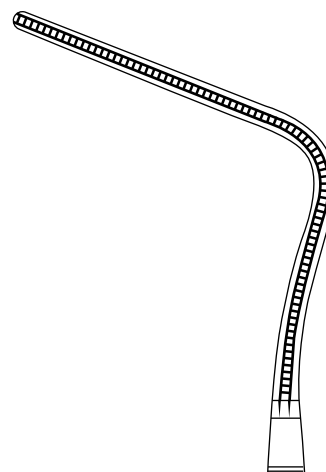


SP13-236-02
 24 cm / 9 $\frac{4}{8}$ "



$\frac{1}{4}$

SP13-236-03
 23 cm / 9"



SP13-236-04
 23,5 cm / 9 $\frac{2}{8}$ "

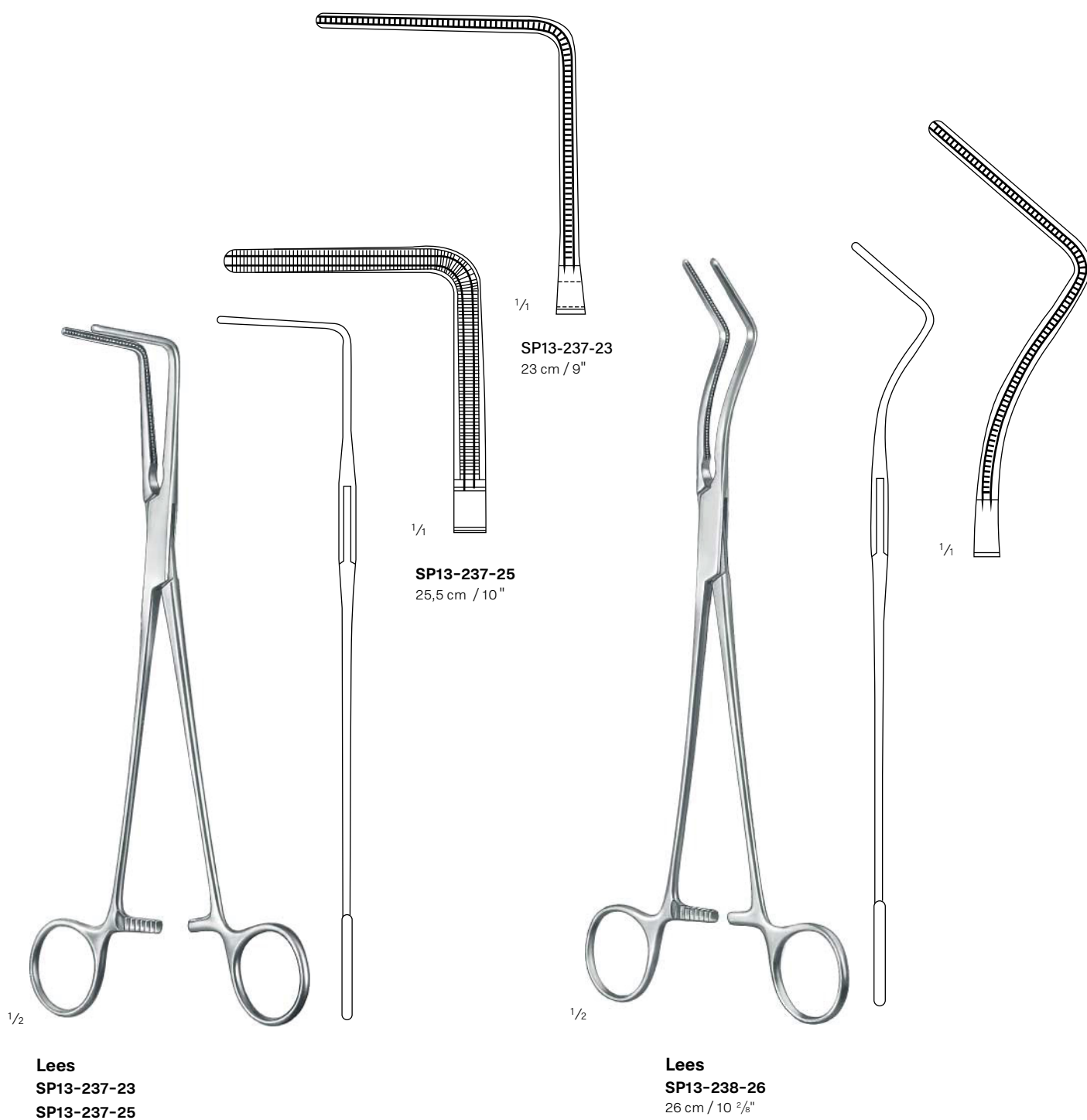
Bronchus Clamps

Bronchusklemmen
Pinzas bronquiales
Pinces-clamps à bronches
Pinze per bronchi

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare

Atrauma



Lees

SP13-237-23

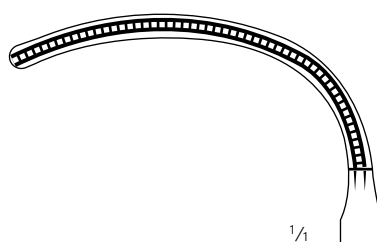
SP13-237-25

Lees

SP13-238-26

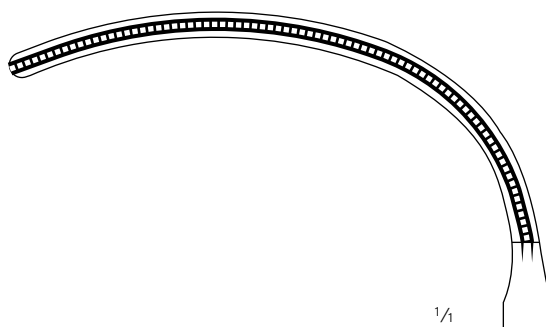
26 cm / 10 ²/₈"

Atrauma



1/1

SP13-239-18
 18 cm / 7 1/8"



1/1

SP13-239-22
 22 cm / 8 5/8"



1/2

Glover
SP13-239-18
SP13-239-22

Aortic Clamps, Anastomosis Clamps

Aortaklemmen, Anastomosenklemmen

Pinzas aórticas, Pinzas para anastomosis

Pinces-clamps pour aorte, Pinces-clamps pour anastomose

Pinze per aorta, Pinze per anastomosi

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

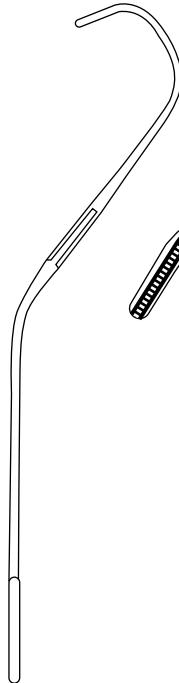
Atrauma



Lambert-Kay

SP13-240-22

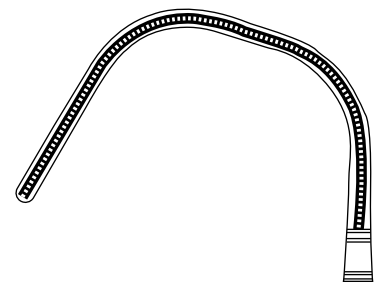
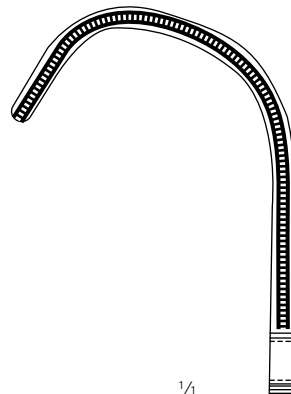
SP13-240-21



$\frac{1}{4}$

SP13-240-22

22,5 cm / 8 $\frac{5}{16}$ "



SP13-240-21

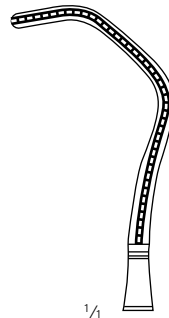
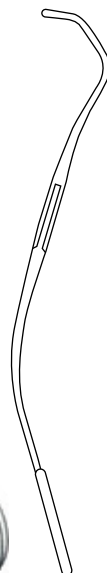
20,5 cm / 8 $\frac{1}{8}$ "



De Bakey

SP13-241-16

16,5 cm / 6 $\frac{4}{16}$ "



$\frac{1}{4}$

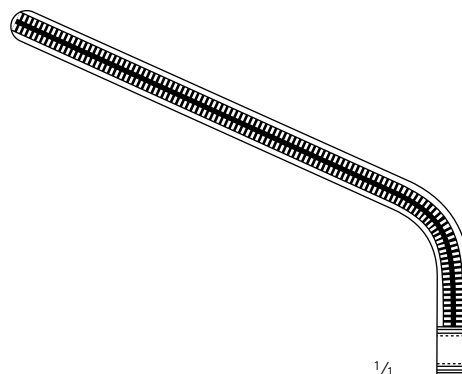
Atrauma



1/1

SP13-242-18

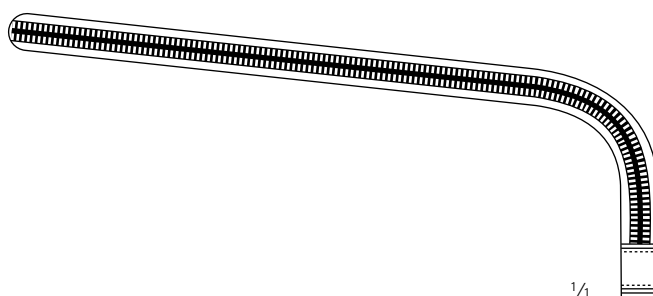
18,5 cm / 7 ²/₈"



1/1

SP13-242-20

20 cm / 8"



1/1

SP13-242-26

26 cm / 10 ²/₈"

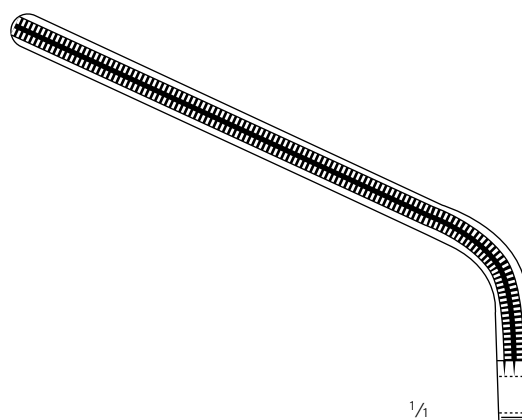


1/2

Morris-De Bakey

SP13-242-18

SP13-242-27



1/1

IM 13-242-27

27,5 cm / 10 ⁷/₈"

Aneurysm Clamps

Aneurysmaklemmen
Pinzas para aneurisma
Pinces-clamps pour anévrisme
Pinze per aneurisma

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare

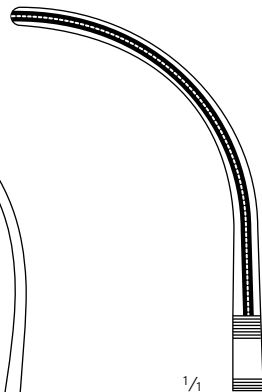
Atrauma



De Bakey-Bahnson

SP13-243-23

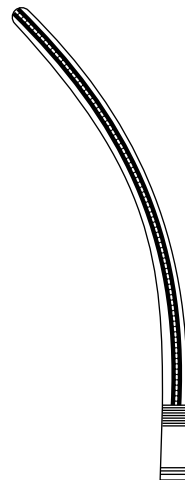
SP13-243-26



1/1

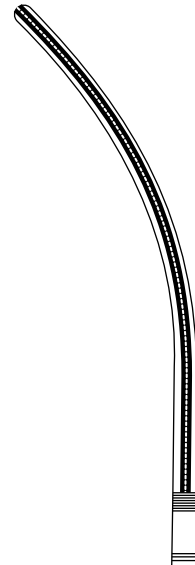
SP13-243-23

23,5 cm / 9 2/8"



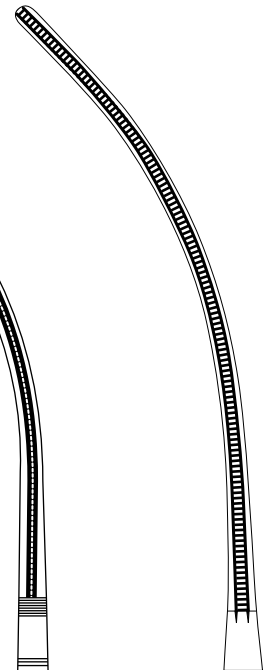
SP13-243-24

24,5 cm / 9 5/8"



SP13-243-25

25,5 cm / 10"



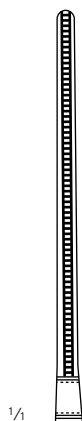
SP13-243-26

26,5 cm / 10 4/8"

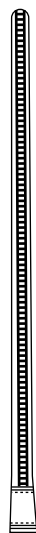
Atrauma



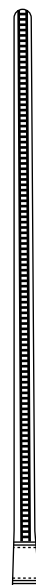
Potts
SP13-244-21
SP13-244-31



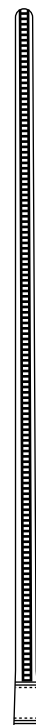
SP13-244-21
 21,5 cm / 8 4/6"



SP13-244-23
 23,5 cm / 9 2/6"



SP13-244-27
 27 cm / 10 5/6"



IM 13-244-31
 31,5 cm / 12 3/6"



Potts
SP13-245-21
SP13-245-31



SP13-245-21
 21 cm / 8 2/6"



SP13-245-23
 23 cm / 9"



SP13-245-26
 26 cm / 10 2/6"



SP13-245-31
 31 cm / 12 2/6"

Multi purpose Vascular Clamps

Mehrzweck-Gefäßklemmen

Pinzas vasculares de usos múltiples

Pinces vasculaires universelles

Pinze vascolari universali

Cardio Thoracic and Vascular Surgery

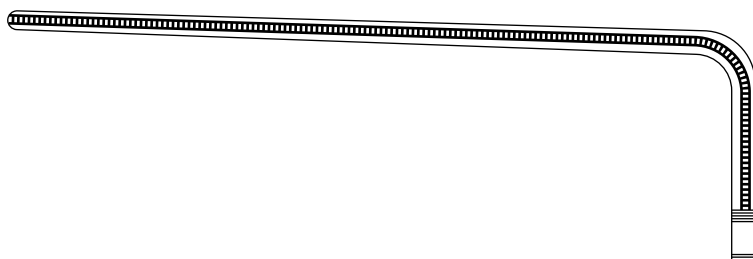
Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

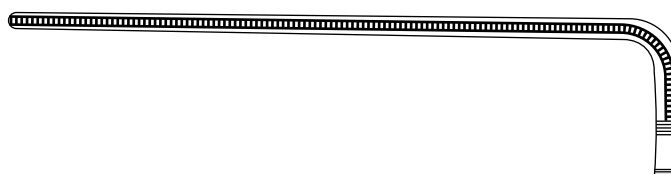
Chirurgia cardiaca, toracica e vascolare

Atrauma



SP13-246-27

27,5 cm / 10 ⁵/₈"



SP13-246-23

23 cm / 9"

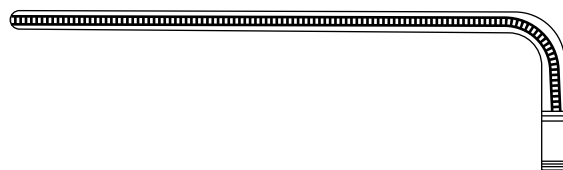


¹/₂

De Bakey

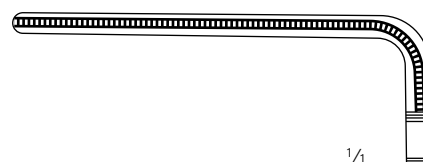
SP13-246-19

SP13-246-27



SP13-246-20

20 cm / 7 ⁷/₈"

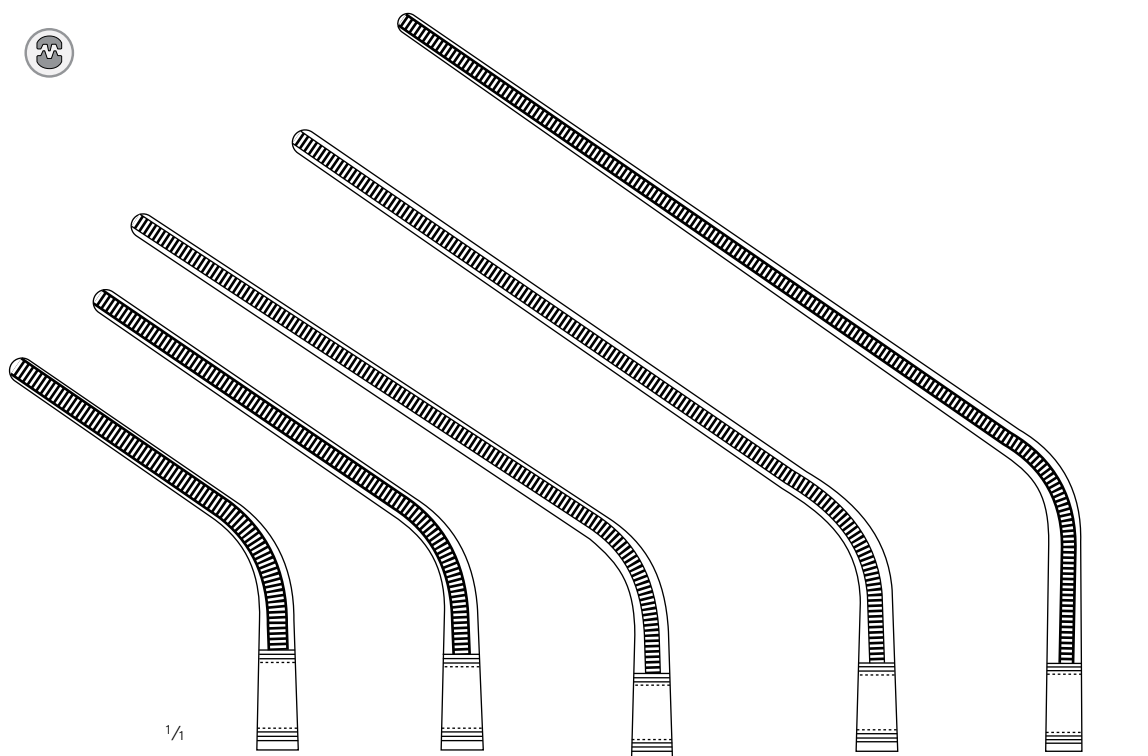


¹/₁

SP13-246-19

19 cm / 7 ⁴/₈"

Atrauma



1/4

SP13-247-18

18 cm / 7 1/8"

SP13-247-21

21 cm / 8 2/8"

SP13-247-22

22 cm / 8 6/8"

SP13-247-26

26 cm / 10 2/8"

SP13-247-31

31,5 cm / 12 3/8"



1/2

De Bakey

SP13-247-18

SP13-247-31

Haemostatic Forceps

Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare

Atrauma



De Bakey-Mosquito

SP13-248-12

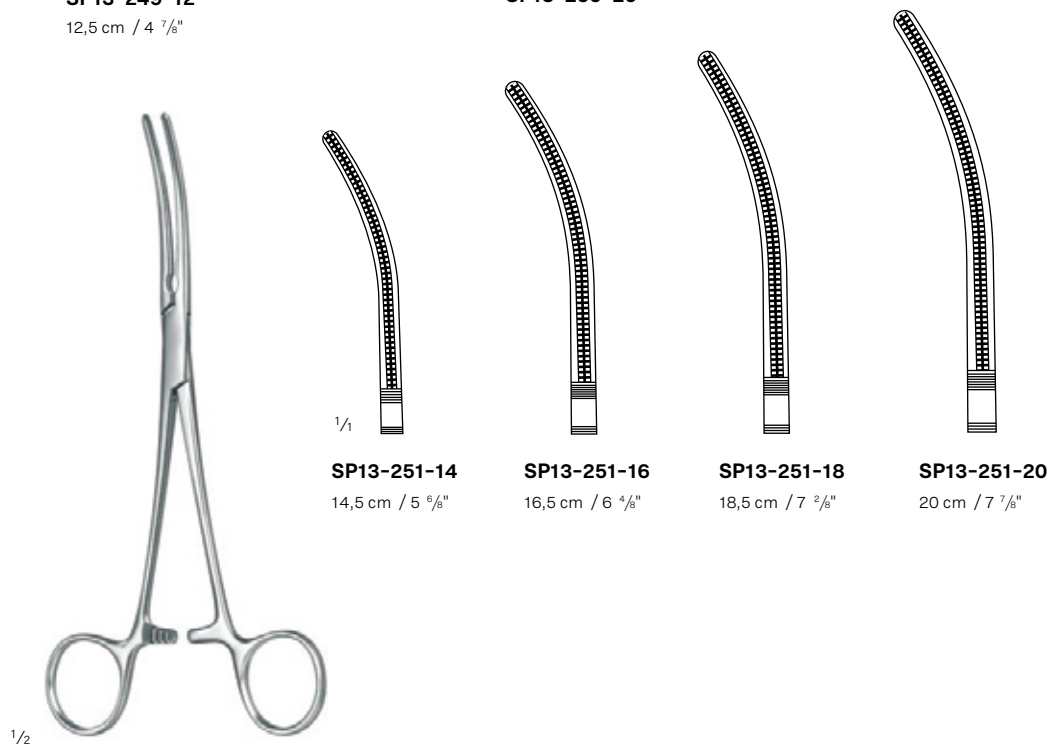
SP13-249-12

12,5 cm / 4 ⁷/₈"

De Bakey-Pean

SP13-250-14

SP13-250-20

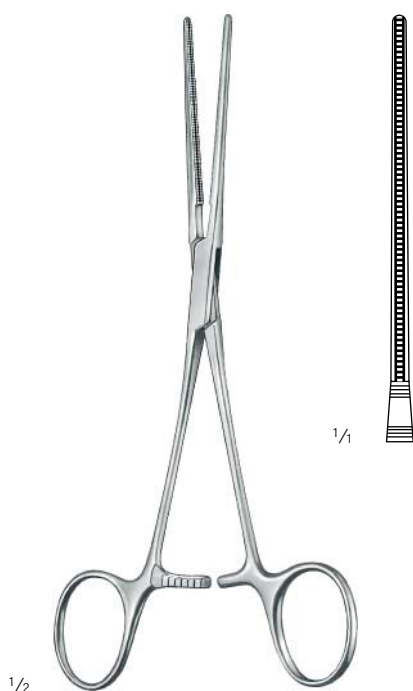


De Bakey-Pean

SP13-251-14

SP13-251-20

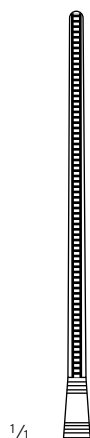
Atrauma



De Bakey
SP13-252-17
 17,5 cm / 6 7/8"

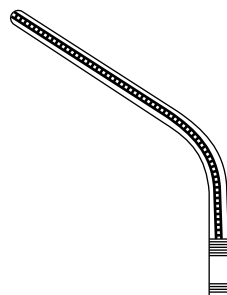


De Bakey
SP13-253-16
SP13-255-15

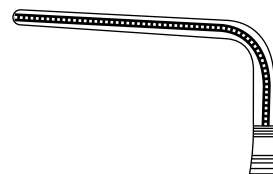


1/1

SP13-253-16
 16,5 cm / 6 4/8"



SP13-254-16
 16 cm / 6 2/8"



SP13-255-15
 15 cm / 5 7/8"

Multi purpose Vascular Clamps

Mehrzweck-Gefäßklemmen

Pinzas vasculares de usos múltiples

Pinces vasculaires universelles

Pinze vascolari universali

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

Atrauma



De Bakey
SP13-256-16

16,5 cm / 6 5/8"



Glover
SP13-257-17

17 cm / 6 5/8"



Glover
SP13-258-17
SP13-258-26



SP13-258-17
17,5 cm / 6 7/8"



SP13-258-21
21 cm / 8 2/8"

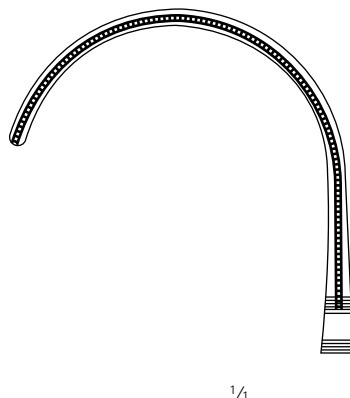


SP13-258-26
26 cm / 10 2/8"

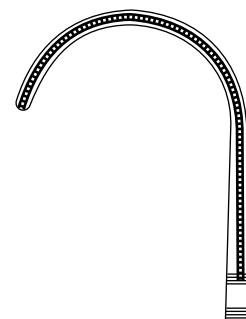
Atrauma



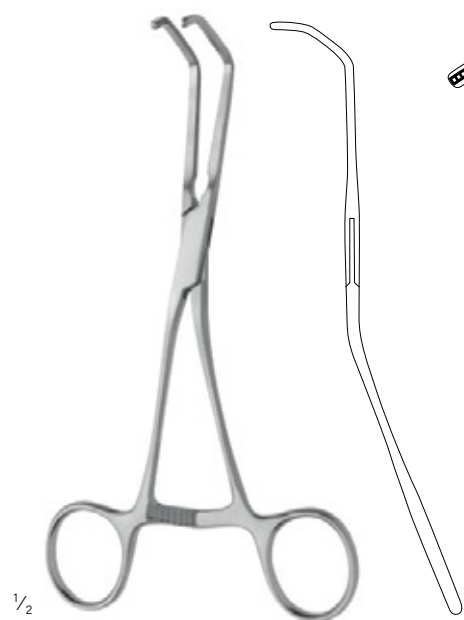
De Bakey
SP13-259-16
SP13-260-16
 16,5 cm / 6 $\frac{4}{8}$ "



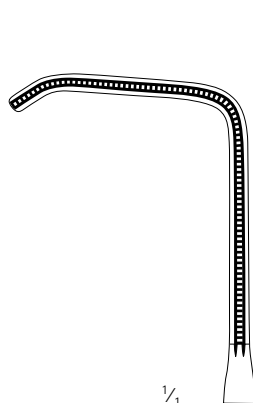
SP13-259-16



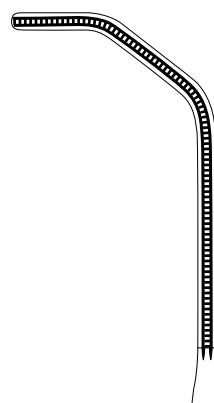
SP13-260-16



De Bakey-Reynolds
SP13-261-16
SP13-261-17



SP13-261-16
 16,5 cm / 6 $\frac{4}{8}$ "



SP13-261-17
 17,5 cm / 6 $\frac{5}{8}$ "

Anastomosis Clamps

Anastomosenklemmen
Pinzas para anastomosis
Pinces pour anastomose
Pinze per anastomosi

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare

Atrauma



1/2

Derra

SP13-262-16

SP13-262-18



1/4

Fig. 1

SP13-262-16

16,5 cm / 6 5/8"

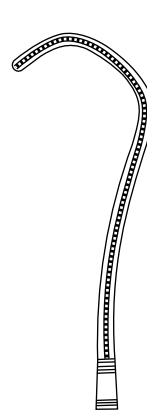


Fig. 2

SP13-262-17

17 cm / 6 5/8"

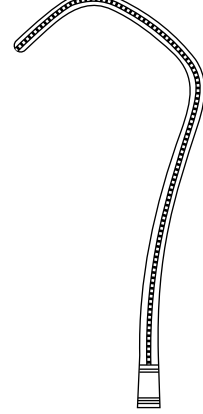


Fig. 3

SP13-262-18

17,5 cm / 6 5/8"

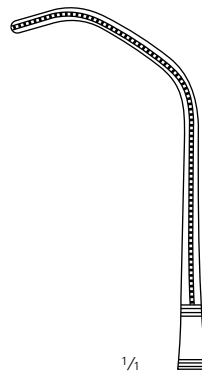


1/2

De Bakey-Beck

SP13-263-17

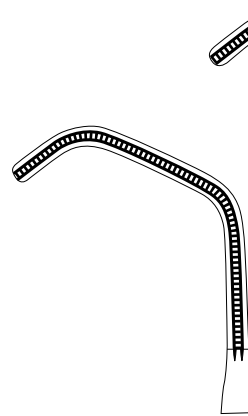
SP13-263-21



1/4

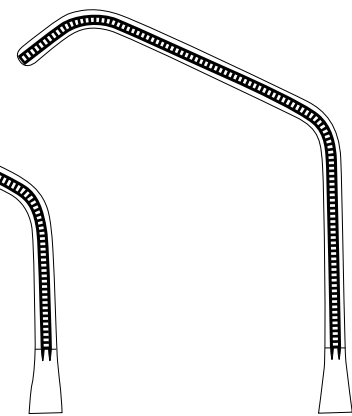
SP13-263-17

17 cm / 6 5/8"



SP13-263-19

19 cm / 7 4/8"



SP13-263-21

21 cm / 8 2/8"

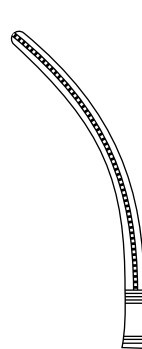
Atrauma



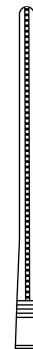
De Bakey
SP13-264-10
SP13-266-13



SP13-264-10
 10 cm / 3 7/8"



SP13-265-13
 13 cm / 5 1/8"



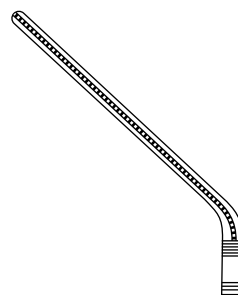
SP13-266-13
 13 cm / 5 1/8"



De Bakey
SP13-267-12
SP13-268-12
 12,5 cm / 4 7/8"

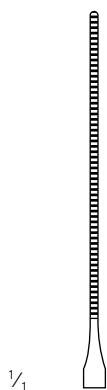


SP13-267-12

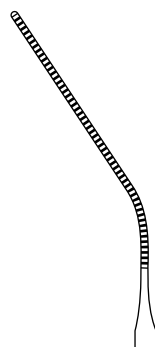


SP13-268-12

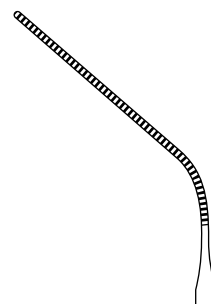
Ti



SP13-269-01
 13 cm / 5 1/8"



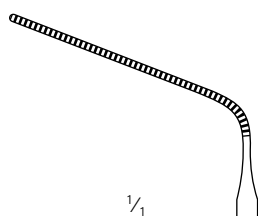
SP13-269-02
 12,5 cm / 4 7/8"



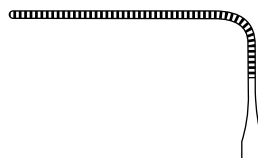
SP13-269-03
 12 cm / 4 6/8"



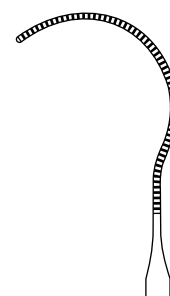
Castañeda
SP13-269-01
SP13-269-06



SP13-269-04
 12 cm / 4 6/8"

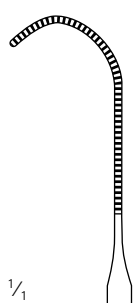


SP13-269-05
 11 cm / 4 3/8"



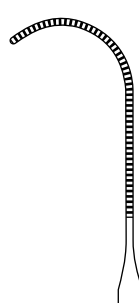
SP13-269-06
 12 cm / 4 6/8"

Ti

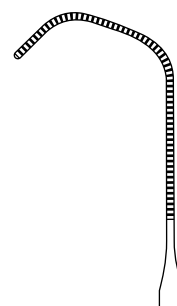


$\frac{1}{1}$

SP13-270-01



SP13-270-02

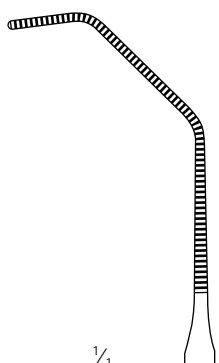


SP13-270-03



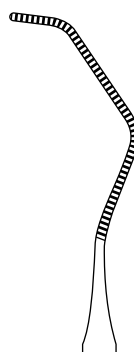
$\frac{1}{2}$

Castañeda
SP13-270-01
SP13-270-05
 15 cm / 5 $\frac{7}{8}$ "



$\frac{1}{1}$

SP13-270-04



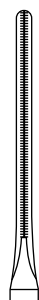
SP13-270-05

Atrauma

Ti

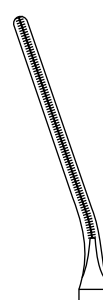


1/1



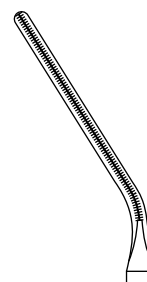
SP13-271-01

13,5 cm / 5 3/8"



SP13-271-02

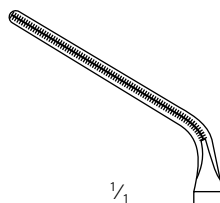
13,5 cm / 5 3/8"



SP13-271-03

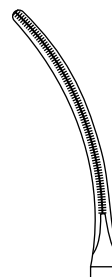
13 cm / 5 1/8"

1/1



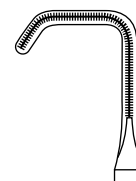
SP13-271-04

12,5 cm / 4 7/8"



SP13-271-05

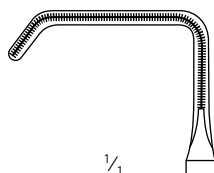
13,5 cm / 5 3/8"



SP13-271-06

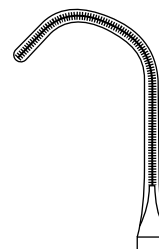
12 cm / 4 6/8"

1/1



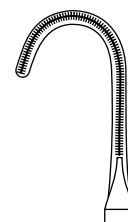
SP13-271-07

12 cm / 4 6/8"



SP13-271-08

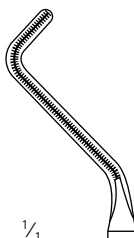
12,5 cm / 4 7/8"



SP13-271-09

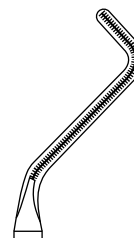
13 cm / 5 1/8"

1/1



SP13-271-10

14 cm / 5 4/8"



SP13-271-11

14 cm / 5 4/8"



1/2

De Bakey baby

SP13-271-01

SP13-271-11

Atrauma

Ti

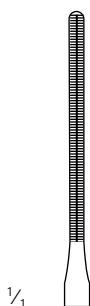


Cooley

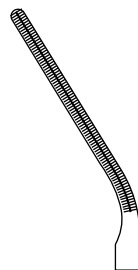
SP13-272-14

SP13-273-14

14 cm / 5 4/8"



SP13-272-14



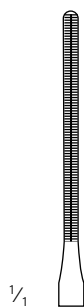
SP13-273-14



Cooley

SP13-274-14

14 cm / 5 4/8"



Cooley

SP13-275-13

13,5 cm / 5 3/8"



Atrauma

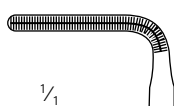
Ti



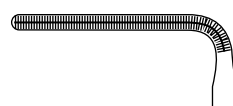
Cooley
SP13-276-13
 13,5 cm / 5 ³/₈"



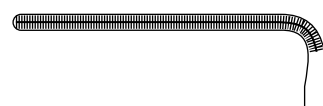
Cooley
SP13-277-11
SP13-279-11
 11,5 cm / 4 ¹/₈"



SP13-277-11



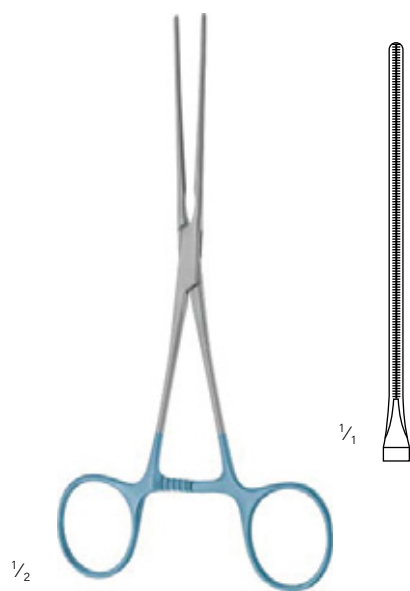
SP13-278-11



SP13-279-11

Atrauma

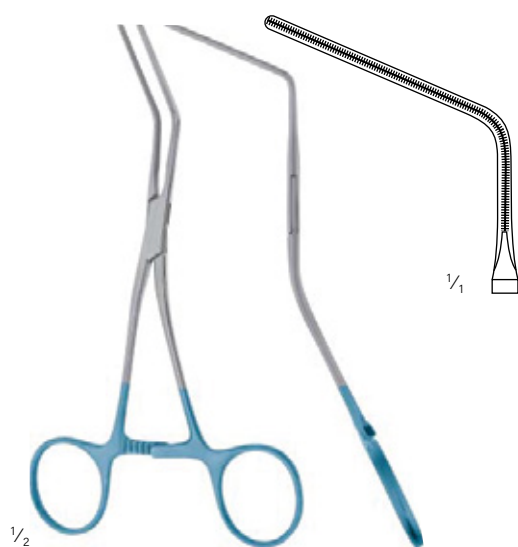
Ti



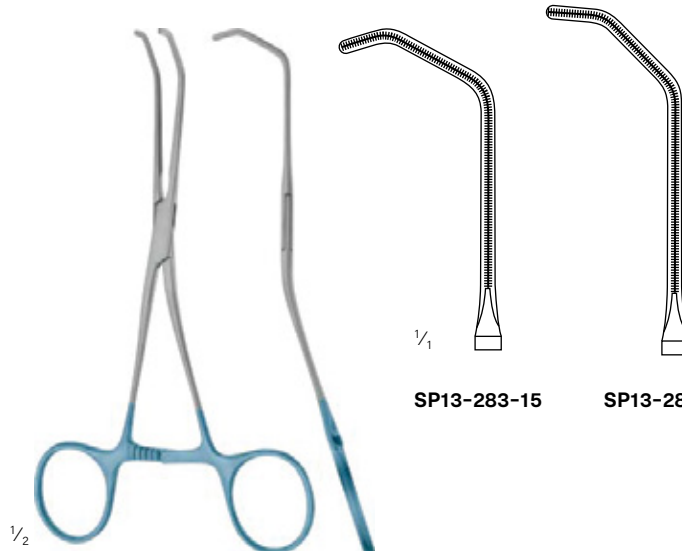
De Bakey baby
SP13-280-16
 16,5 cm / 6 ⁴/₈"



De Bakey baby
SP13-281-16
 16 cm / 6 ²/₈"



De Bakey baby
SP13-282-15
 15 cm / 5 ⁷/₈"



SP13-283-15

SP13-284-15

De Bakey baby
SP13-283-15
SP13-284-15
 15 cm / 5 ⁷/₈"

Pediatric Vascular Clamps

Kinder-Gefäßklemmen
Pinzas vasculares pediátricas
Pincas vasculaires pédiatriques
Pinze vascolari pediatriche

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare

Atrauma

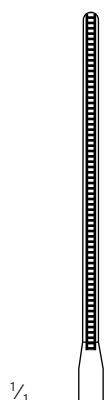
Ti



De Bakey

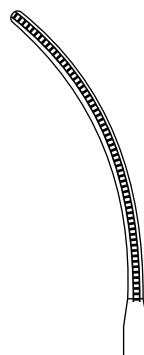
SP13-285-13

SP13-285-10



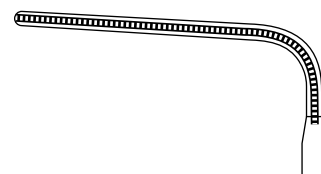
SP13-285-13

13 cm / 5 1/8"



SP13-285-12

12,5 cm / 4 7/8"



SP13-285-10

10 cm / 3 7/8"

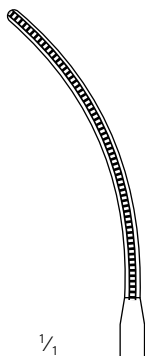


De Bakey

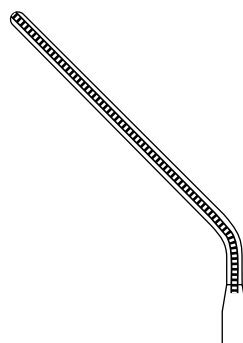
SP13-286-12

SP13-287-12

12,5 cm / 4 7/8"



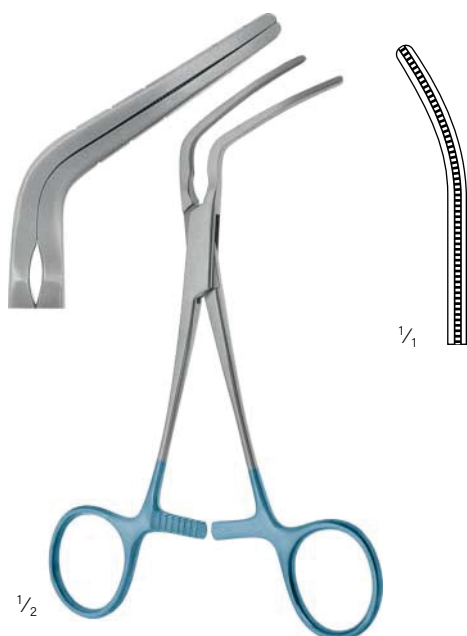
SP13-286-12



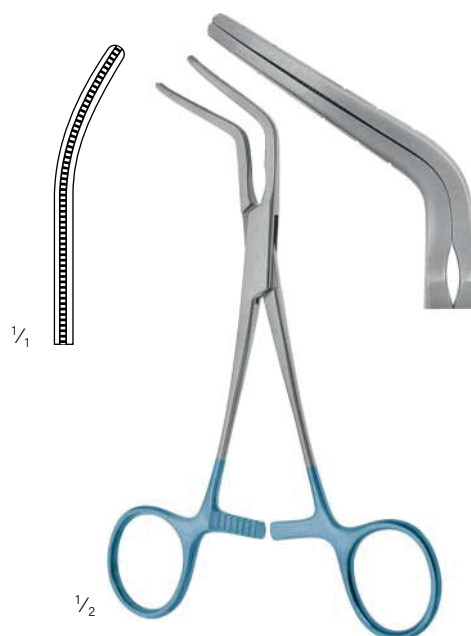
SP13-287-12

Atrauma

Ti



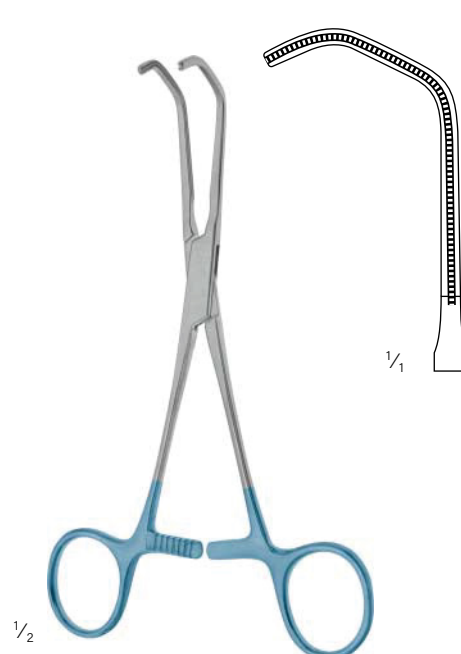
Subramanian
SP13-288-15
15,5 cm / 6 1/8"



Subramanian
SP13-289-15
15,5 cm / 6 1/8"



Subramanian
SP13-290-16
16,5 cm / 6 5/8"



De Bakey-Beck
SP13-291-16
16 cm / 6 2/8"

Anastomosis Clamps

Anastomosenklemmen
Pinzas para anastomosis
Pinces-clamps pour anastomose
Pinze per anastomosi

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare

Atrauma

Ti

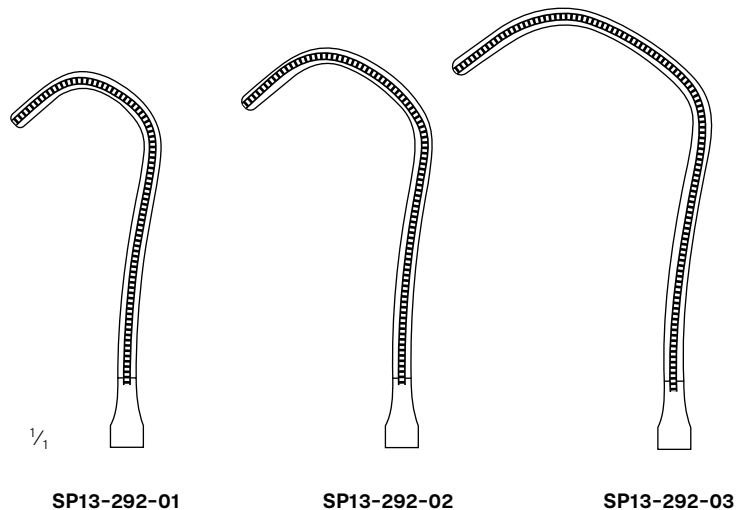


De Bakey-Derra

SP13-292-01

SP13-292-03

16,5 cm / 6 4/8"



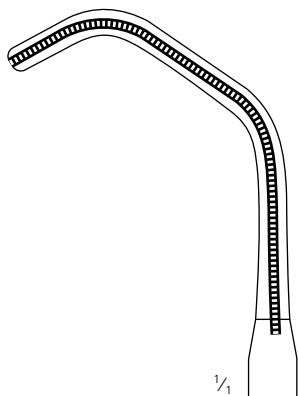
SP13-292-01

SP13-292-02

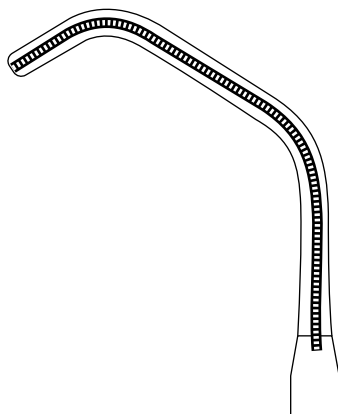
SP13-292-03

Atrauma

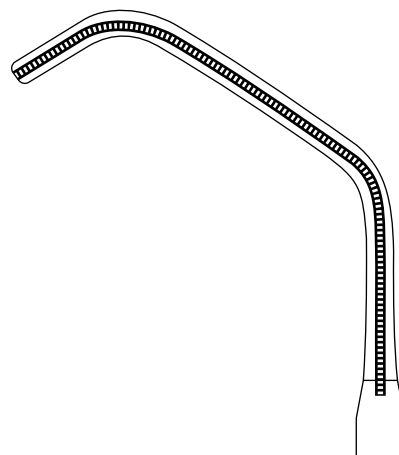
Ti



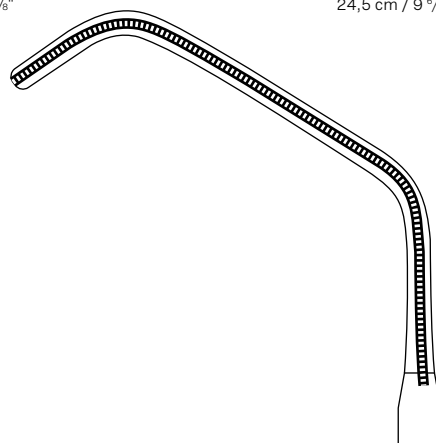
SP13-293-01
 23,5 cm / 9 ²/₈"



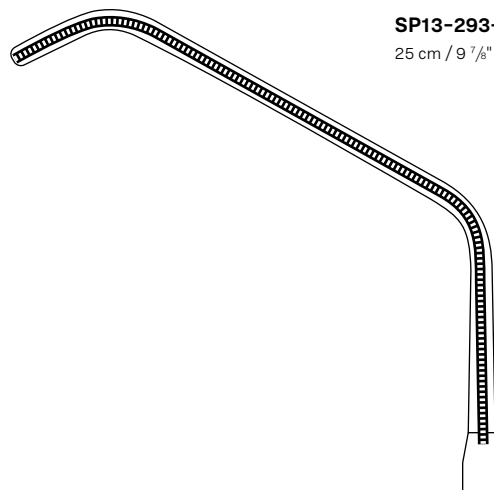
SP13-293-02
 24 cm / 9 ⁴/₈"



SP13-293-03
 24,5 cm / 9 ⁵/₈"



SP13-293-04
 25 cm / 9 ⁷/₈"



SP13-293-05
 28,5 cm / 11 ²/₈"



De Bakey-Satinsky
SP13-293-01
SP13-293-05

Anastomosis Clamps

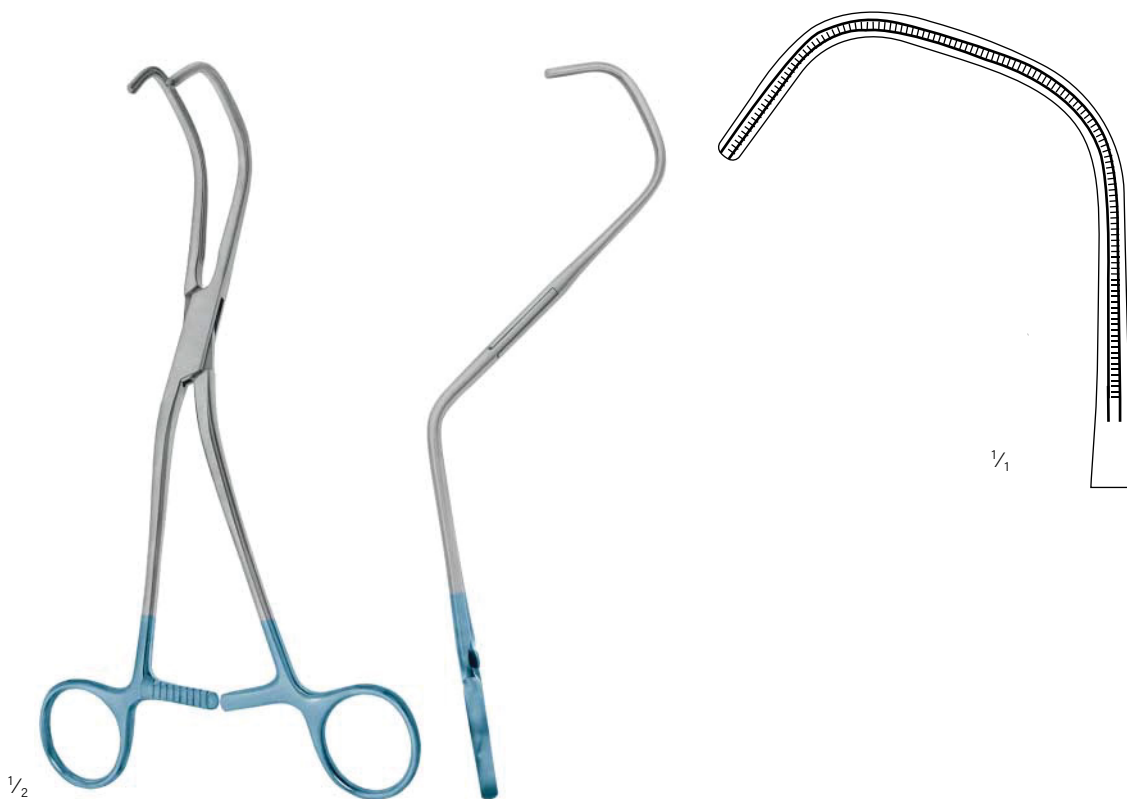
Anastomosenklemmen
Pinzas para anastomosis
Pinces-clamps pour anastomose
Pinze per anastomosi

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare

Atrauma

Ti



Lambert-Kay

SP13-294-19

19,5 cm / 7 ⁵/₈"

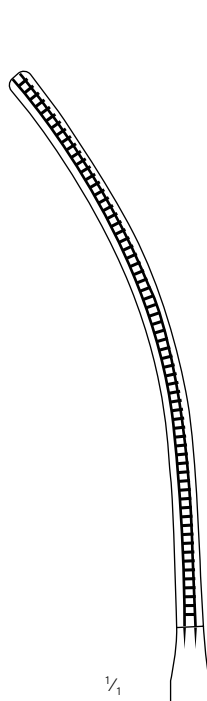
Atrauma

Ti



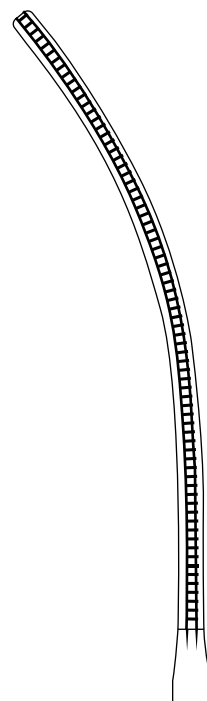
$\frac{1}{2}$

De Bakey
SP13-295-26
SP13-295-33

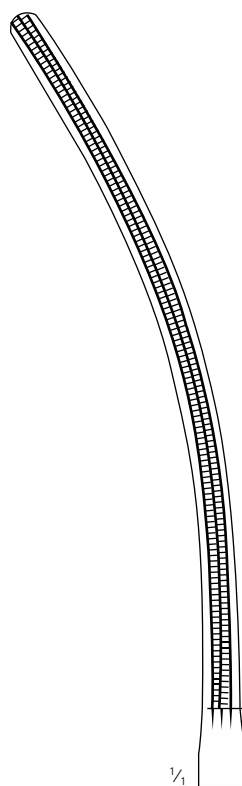


$\frac{1}{1}$

SP13-295-26
26 cm / 10 $\frac{2}{5}$ "

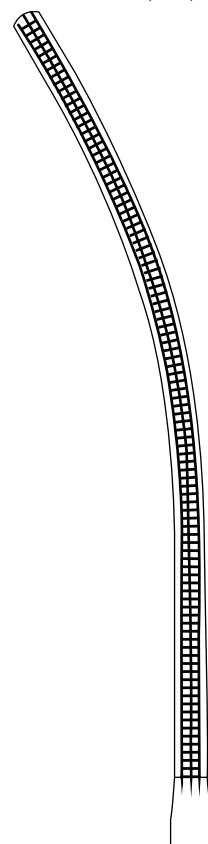


SP13-295-27
26,5 cm / 10 $\frac{4}{6}$ "



$\frac{1}{1}$

SP13-295-31
31 cm / 12 $\frac{2}{5}$ "



SP13-295-33
33 cm / 13"

Vascular Forceps

Gefäßpinzetten

Pinzas de disección vascular

Pinces à dissection vasculaires

Pinze per dissezione vascolari

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

Atrauma

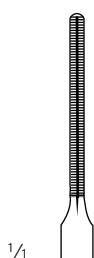


1/2

Cooley

SP13-296-16

SP13-296-20

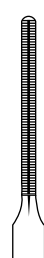


1/1

2,0 mm

SP13-296-16

16 cm / 6 2/8"

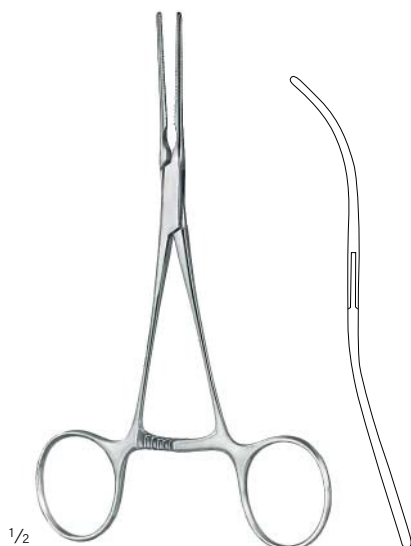


2,0 mm

SP13-296-20

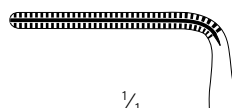
20 cm / 7 7/8"

Atrauma



1/2

Cooley
SP13-297-01
SP13-297-06

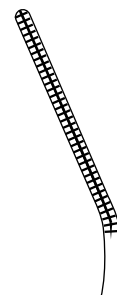


1/1

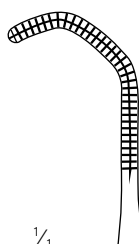
SP13-297-01
 11,5 cm / 4 4/8"



SP13-297-02
 14,5 cm / 5 6/8"



SP13-297-03
 14,5 cm / 5 6/8"

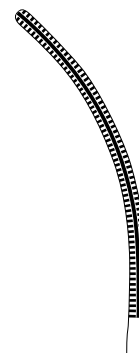


1/1

SP13-297-04
 14 cm / 5 4/8"



SP13-297-05
 14,5 cm / 5 6/8"

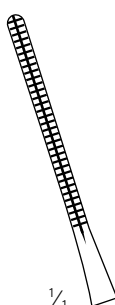


SP13-297-06
 12,5 cm / 4 7/8"



1/2

Cooley
SP13-298-14
 14,5 cm / 5 6/8"



1/1

Anastomosis Clamps, Multi purpose Vascular Clamps

Anastomosenklemmen, Mehrzweck-Gefäßklemmen

Pinzas para anastomosis, Pinzas vasculares de usos múltiples

Pinces-clamps pour anastomose, Pinces vasculaires universelles

Pinze per anastomosi, Pinze vascolari universali

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Atrauma

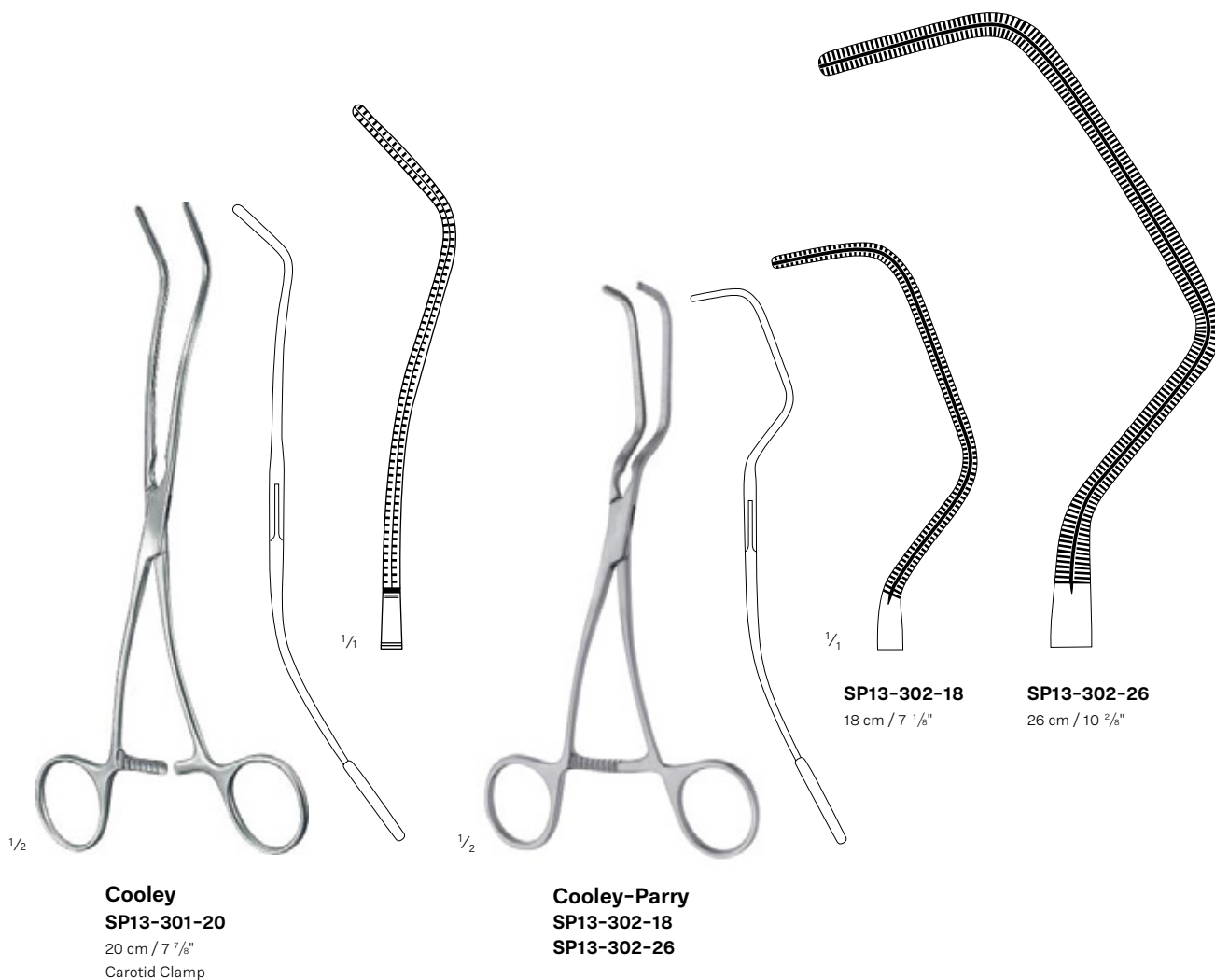


Cooley
SP13-299-22
22 cm / 8 ⁵/₈"
Iliac Clamp



Cooley
SP13-300-17
17 cm / 6 ⁵/₈"

Atrauma



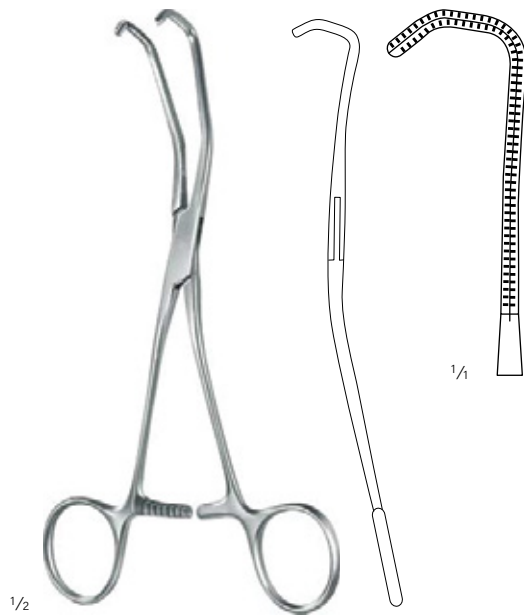
Anastomosis Clamps, Multi purpose Vascular Clamps

Anastomosenklemmen, Mehrzweck-Gefäßklemmen
Pinzas para anastomosis, Pinzas vasculares de usos múltiples
Pinces-clamps pour anastomose, Pincas vasculaires universelles
Pinze per anastomosi, Pinze vascolari universali

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Chirurgia cardiaca, toracica e vascolare

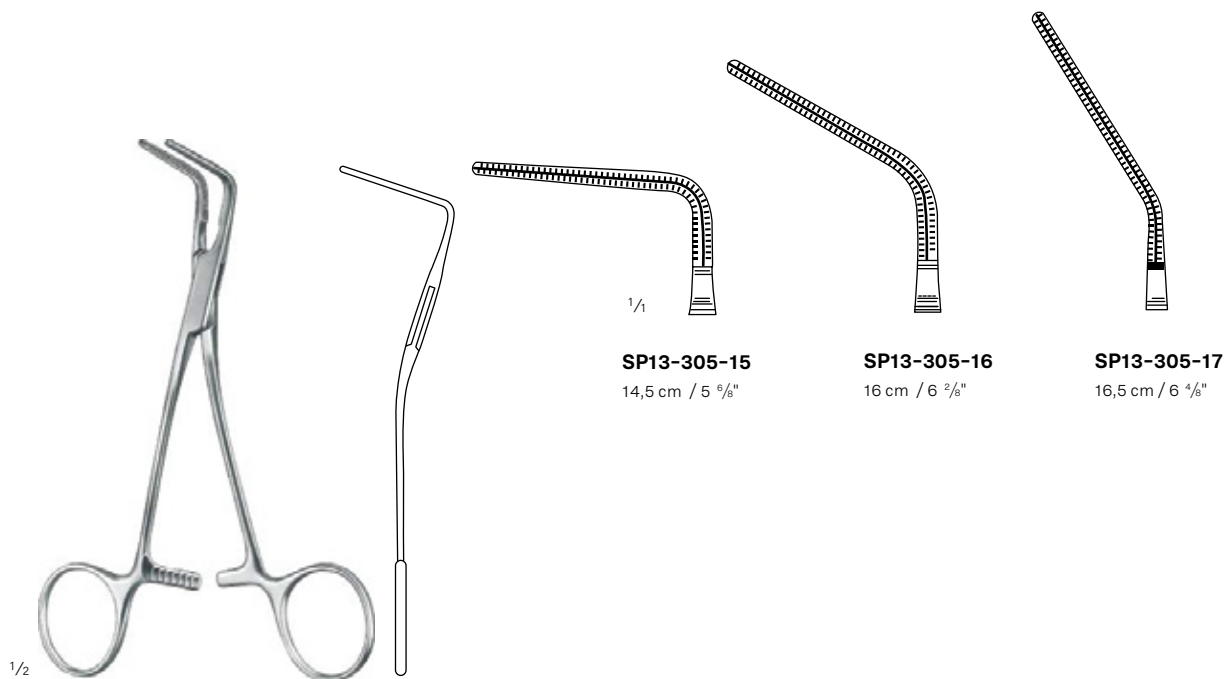
Atrauma



Cooley
SP13-303-17
17 cm / 6 ⁵/₈"



Cooley
SP13-304-16
16 cm / 6 ²/₈"



Cooley
SP13-305-15
SP13-305-17

SP13-305-15
14,5 cm / 5 ⁵/₈"

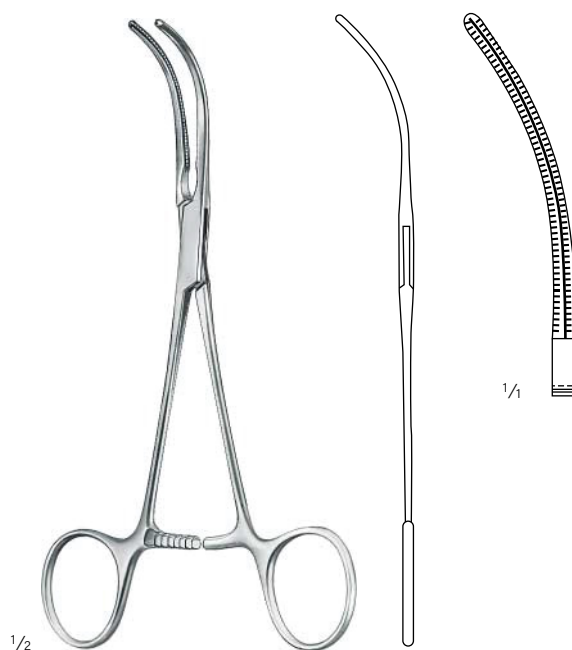
SP13-305-16
16 cm / 6 ²/₈"

SP13-305-17
16,5 cm / 6 ⁴/₈"

Atrauma



Cooley
SP13-306-17
 17 cm / 6 ⁵/₈"



Cooley
SP13-307-17
 17 cm / 6 ⁵/₈"

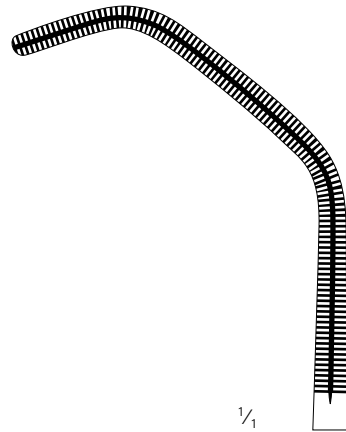
Anastomosis Clamps

Anastomosenklemmen
Pinzas para anastomosis
Pinces-clamps pour anastomose
Pinze per anastomosi

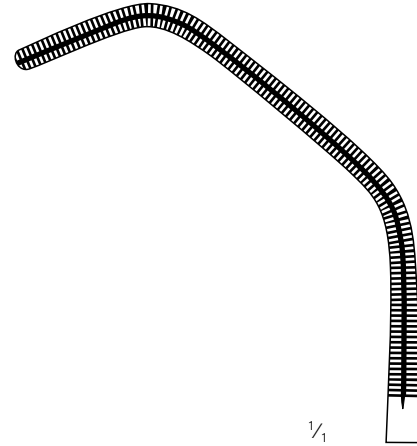
Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
Cirugía cardíaca, torácica y vascular
Chirurgie cardiaque, thoracique et vasculaire
Chirurgia cardiaca, toracica e vascolare

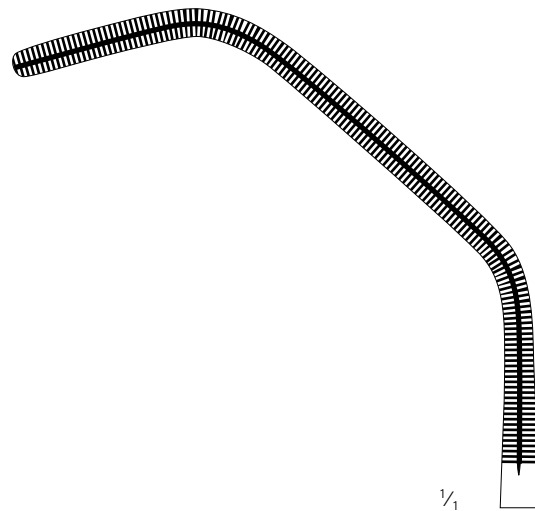
Atrauma



SP13-308-26
26,5 cm / 10 ⁴/₈"



SP13-309-26
26,5 cm / 10 ⁴/₈"

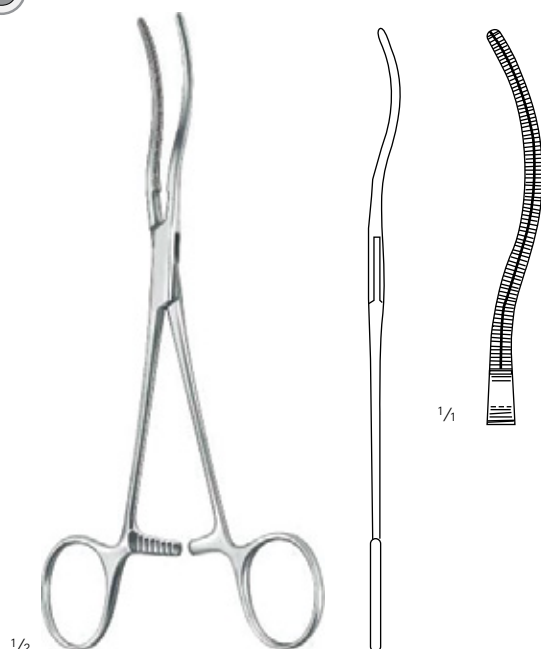


SP13-310-28
27,5 cm / 10 ⁶/₈"

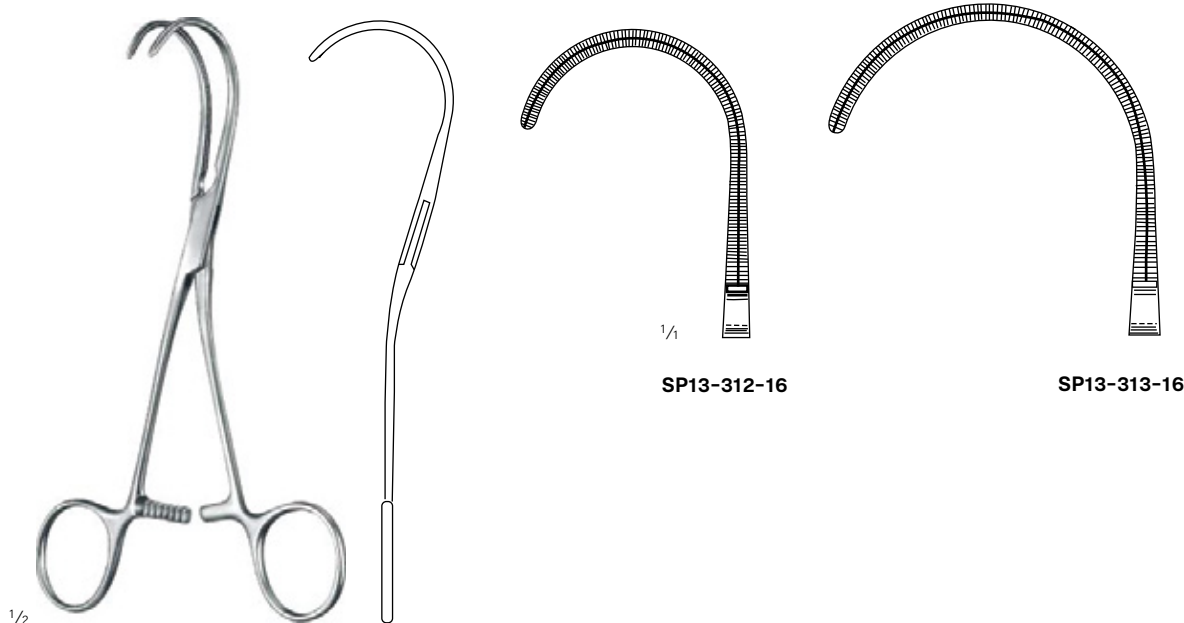


Cooley
SP13-308-26
SP13-310-28

Atrauma



Cooley
SP13-311-17
 17,5 cm / 6 7/8"



Cooley
SP13-312-16
SP13-313-16
 16,5 cm / 6 4/8"

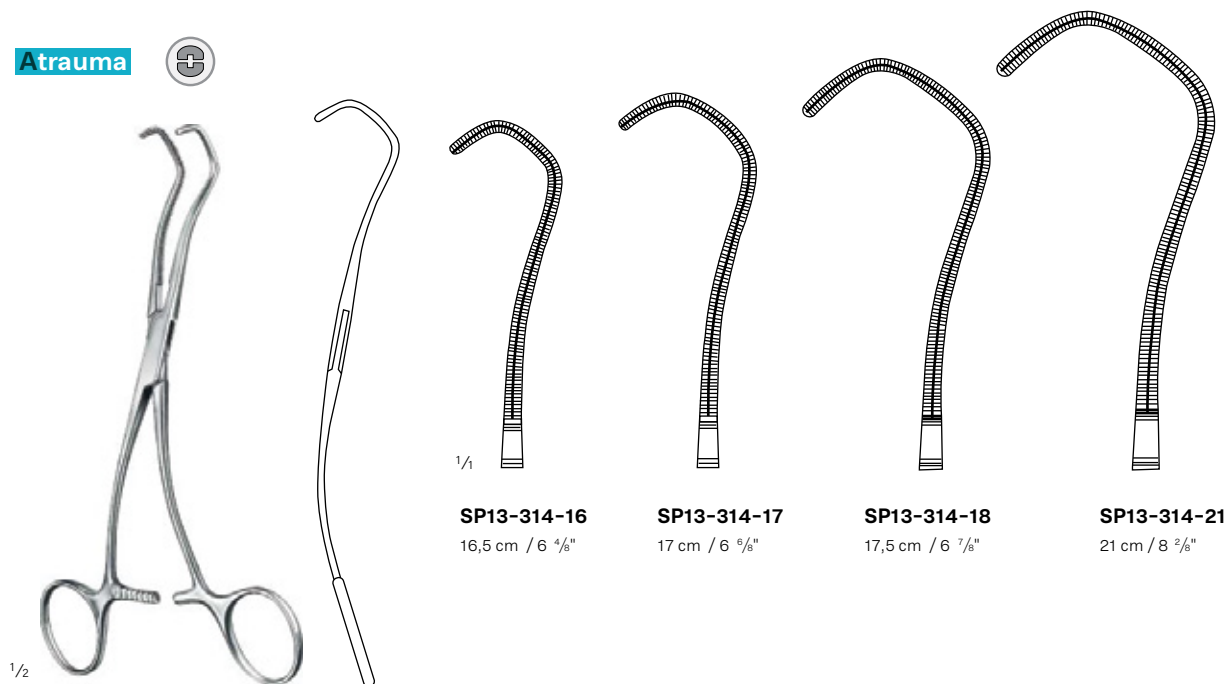
Anastomosis Clamps

Anastomosenklemmen
Pinzas para anastomosis
Pinces-clamps pour anastomose
Pinze per anastomosi

Cardio Thoracic and Vascular Surgery

Herz-, Thorax- und Gefäßchirurgie
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Atrauma



Cooley-Derra

SP13-314-16

SP13-314-21

SP13-314-16

16,5 cm / 6 ⁴/₈"

SP13-314-17

17 cm / 6 ⁵/₈"

SP13-314-18

17,5 cm / 6 ⁷/₈"

SP13-314-21

21 cm / 8 ²/₈"



Cooley-Beck

SP13-315-17

17 cm / 6 ⁵/₈"

Allenberg Cobra

SP13-316-23

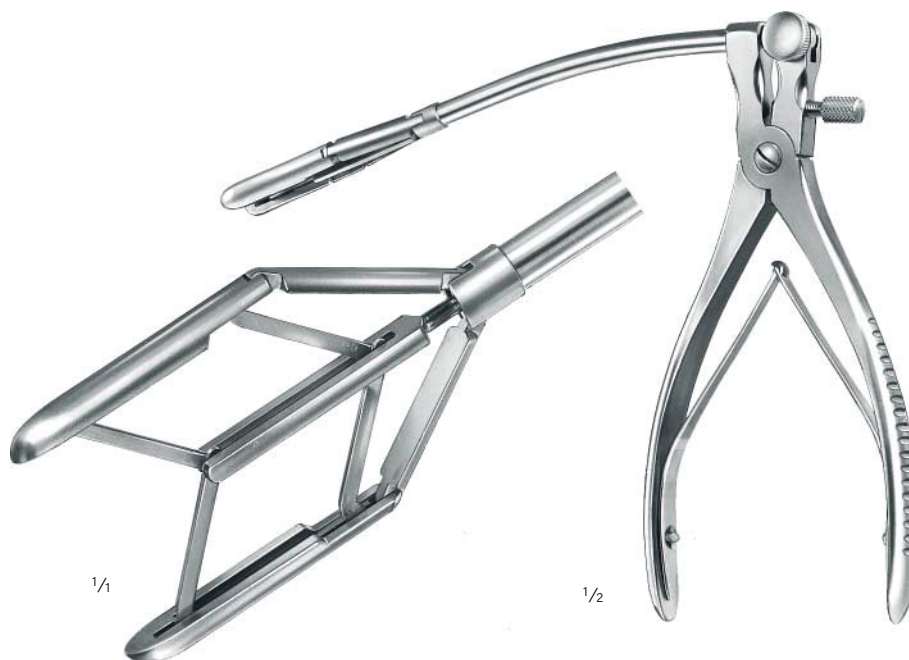
SP13-316-26

SP13-316-23

23,5 cm / 9 ²/₈"

SP13-316-26

26,5 cm / 10 ³/₈"

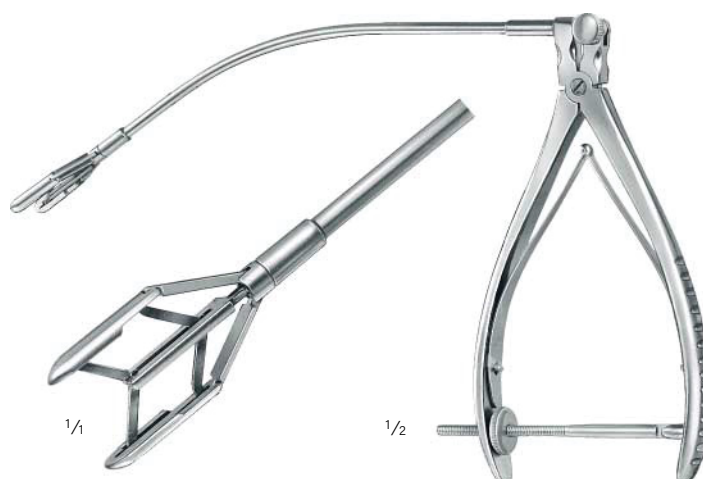


Tubbs

SP13-317-00

spreading 8 – 42 mm, with fixation screw

for mitral stenosis



Cooley

SP13-318-00

spreading 5 – 20 mm, with thread fixation

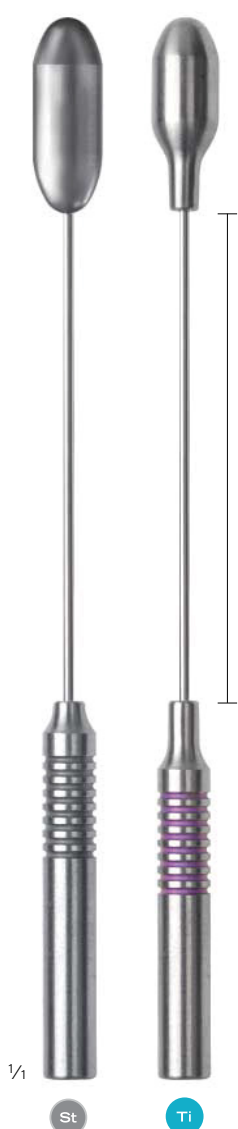
for mitral stenosis



Cooley
SP13-319-05
SP13-326-30

14 cm / 5 4/8"	1/1			
	Ø	0.5 mm	1.0 mm	1.5 mm
	St	SP13-319-05	SP13-319-10	SP13-319-15
	Ti	SP13-320-05	SP13-320-10	SP13-320-15
19 cm / 7 4/8"	St	SP13-321-05	SP13-321-10	SP13-321-15
	Ti	SP13-322-05	SP13-322-10	SP13-322-15

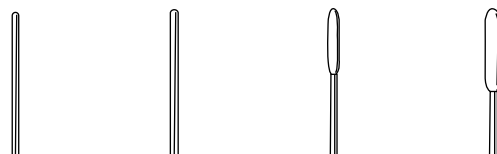
14 cm / 5 4/8"	1/1			
	Ø	2.0 mm	2.5 mm	3.0 mm
	St	SP13-323-20	SP13-323-25	SP13-323-30
	Ti	SP13-324-20	SP13-324-25	SP13-324-30
19 cm / 7 4/8"	St	SP13-325-20	SP13-325-25	SP13-325-30
	Ti	SP13-326-20	SP13-326-25	SP13-326-30



Nit

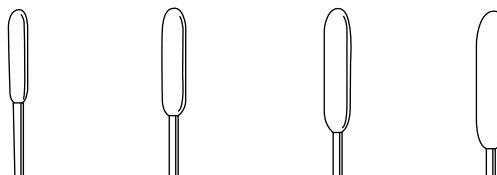
malleable

1/1



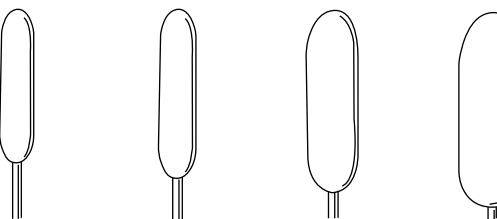
	Ø	0.5 mm	1.0 mm	1.5 mm	2.0 mm
14 cm / 5 4/8"	St	SP13-327-05	SP13-327-10	SP13-327-15	SP13-327-20
	Ti	SP13-328-05	SP13-328-10	SP13-328-15	SP13-328-20
19 cm / 7 4/8"	St	SP13-329-05	SP13-329-10	SP13-329-15	SP13-329-20
	Ti	SP13-330-05	SP13-330-10	SP13-330-15	SP13-330-20

1/1



	Ø	2.5 mm	3.0 mm	3.5 mm	4.0 mm
14 cm / 5 4/8"	St	SP13-331-25	SP13-331-30	SP13-331-35	SP13-331-40
	Ti	SP13-332-25	SP13-332-30	SP13-332-35	SP13-332-40
19 cm / 7 4/8"	St	SP13-333-25	SP13-333-30	SP13-333-35	SP13-333-40
	Ti	SP13-334-25	SP13-334-30	SP13-334-35	SP13-334-40

1/1



	Ø	4.5 mm	5.0 mm	7.0 mm	9.0 mm
14 cm / 5 4/8"	St	SP13-335-45	SP13-335-50		
	Ti	SP13-336-45	SP13-336-50		
19 cm / 7 4/8"	St	SP13-337-45	SP13-337-50	SP13-337-70	SP13-337-90
	Ti	SP13-338-45	SP13-338-50	SP13-338-70	SP13-338-90

DeBakey

SP13-327-05
 SP13-338-90

Tunneling Set

Tunnelier-Set

Juego para tunelar

Jeu pour tunneliser

Set per tunnelare

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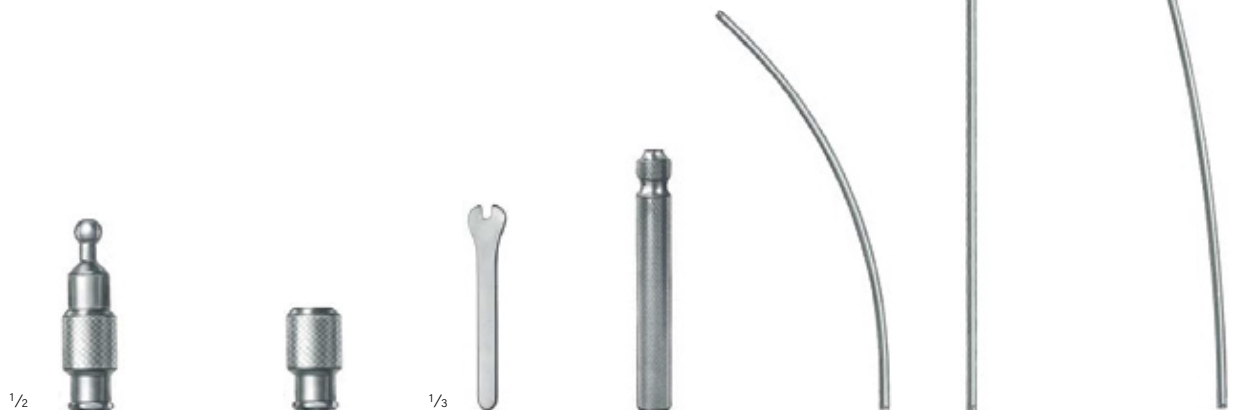
Chirurgia cardiaca, toracica e vascolare



1/4

SP13-339-00

complete set with 3 shafts, 2 handles and 12 tips in storage case



1/2

1/3

SP13-339-65

Vein Tip
with button, Luer-Lock cone

SP13-339-70

Luer Adaptor
Luer-Lock cone

SP13-339-99

10 cm / 4"

Wrench

SP13-339-01

12,5 cm / 5"

Universal Handle

SP13-339-05

24,5 cm

Tunneling Shaft
curved

SP13-339-06

24,5 cm

Tunneling Shaft
straight

SP13-339-11

55,5 cm

Tunneling Shaft
curvo



1/2

SP13-339-55

Ø 5 mm
Screw Olive

SP13-339-56

Ø 6 mm
Screw Olive

SP13-339-57

Ø 7 mm
Screw Olive

SP13-339-58

Ø 8 mm
Screw Olive

SP13-339-60

Ø 10 mm
Screw Olive

SP13-339-62

Ø 12 mm
Screw Olive

SP13-340-01

Plate for Tips

SP13-340-55

Metal Case
55 x 11,5 x 3,5 cm



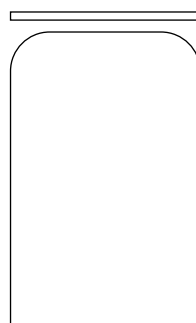
1/2

Hach
SP13-341-30
30 cm / 11 5/8"

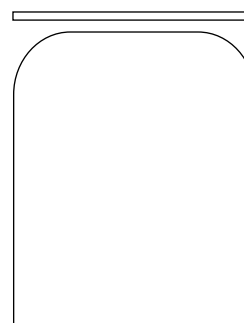


1/2

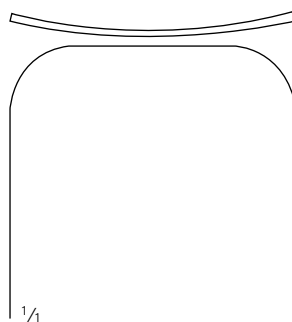
Hach
SP13-342-25
SP13-342-52
30 cm / 11 5/8"



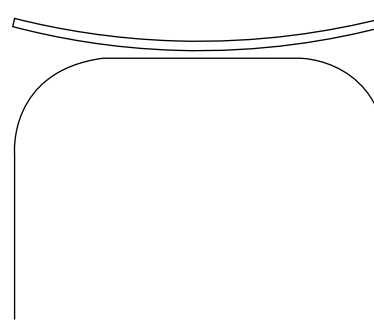
25 mm
SP13-342-25



32 mm
SP13-342-32



40 mm
SP13-342-40



52 mm
SP13-342-52

Intima Spatulas, Vascular Dissectors

Intimaspatel, Gefäßdissektoren

Espátulas para la íntima, Disecadores vasculares

Spatules pour la tunique interne, Dissecteurs vasculaires

Spatole per intima, Dissettori vascolari

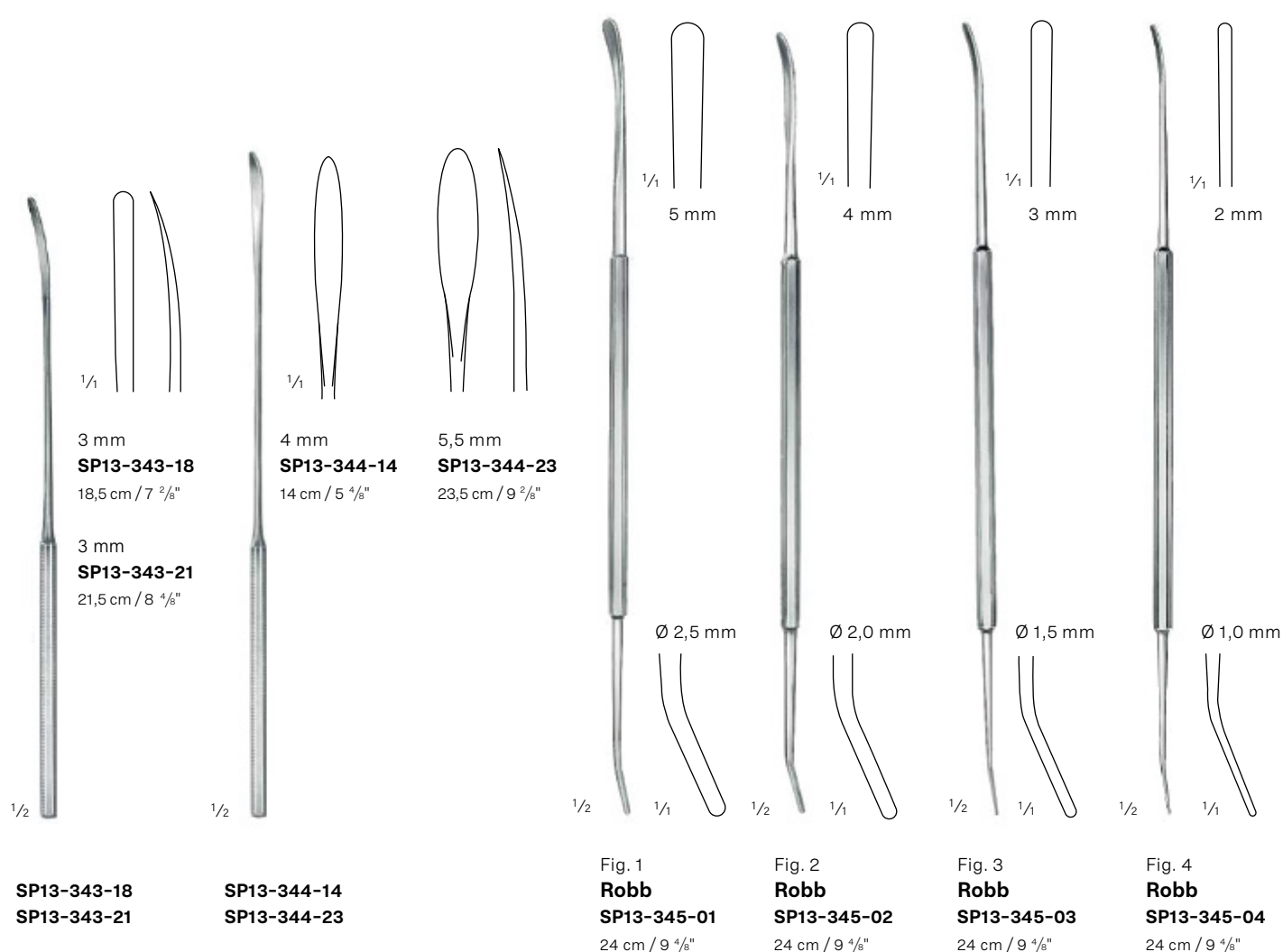
Cardio Thoracic and Vascular Surgery

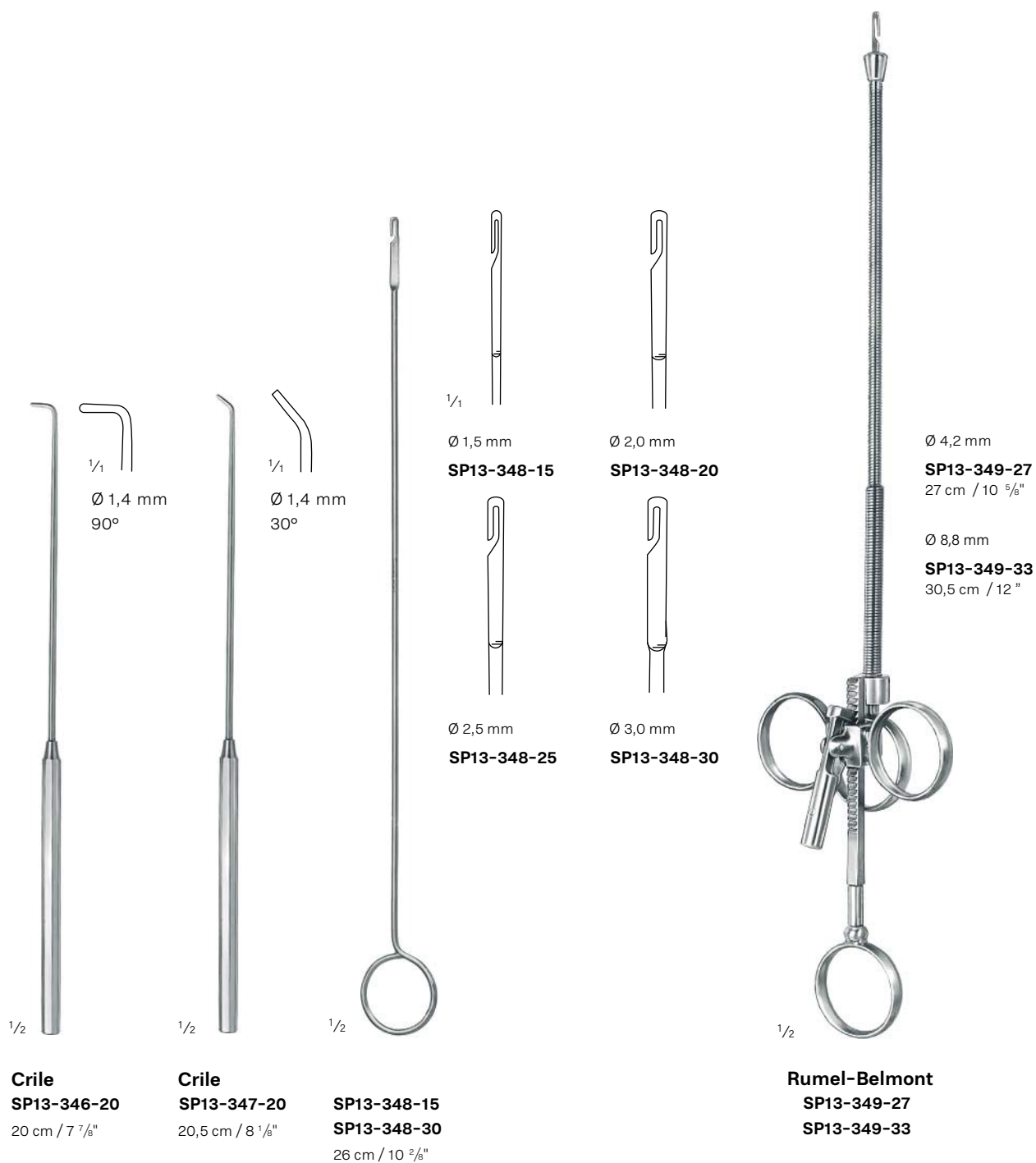
Herz-, Thorax- und Gefäßchirurgie

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Chirurgia cardiaca, toracica e vascolare





Pediatric Aortic Clamps, Pediatric Vascular Clamps

Kinder-Aortaklemmen, Kinder-Gefäßklemmen

Pinzas aórticas pediátricas, Pinzas vasculares pediátricas

Pinces-clamps pour aorte pédiatriques, Pinces vasculaires pédiatriques

Pinze per aorta pediatriche, Pinze vascolari pediatriche

Cardio Thoracic and Vascular Surgery

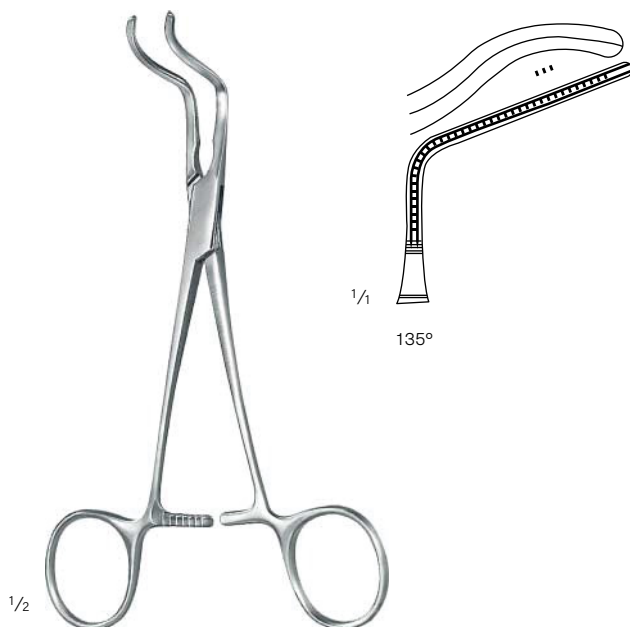
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Chirurgia cardiaca, toracica e vascolare

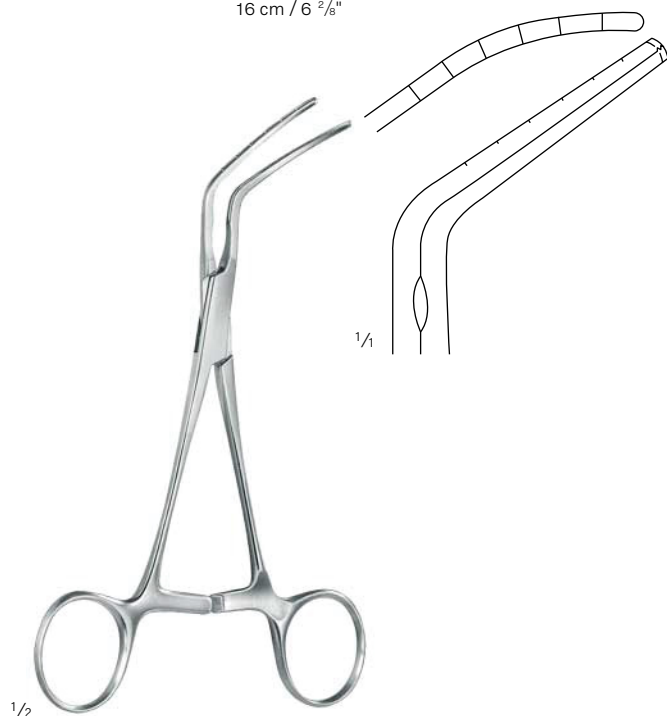
Atrauma



Subramanian-Miniature

SP13-350-16

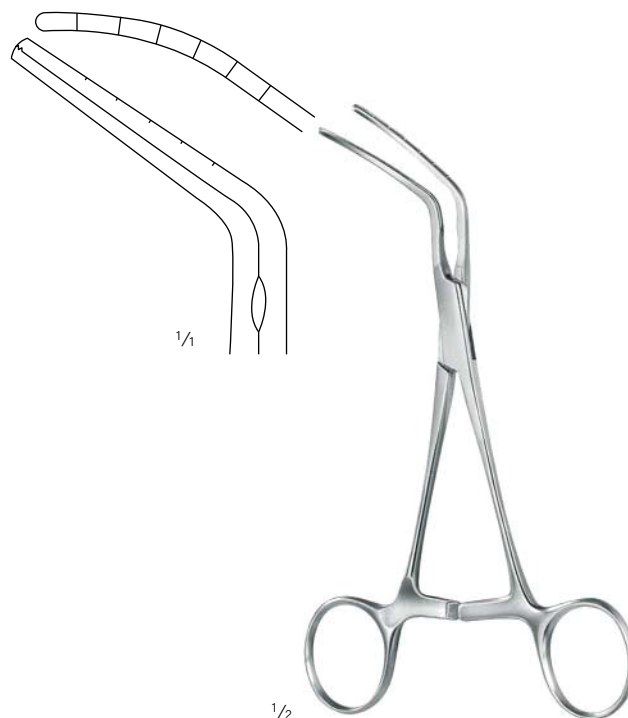
16 cm / 6 2/8"



Subramanian

SP13-351-16

16 cm / 6 2/8"



Subramanian

SP13-352-16

16 cm / 6 2/8"

Atrauma

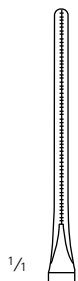


Fig. 1
SP13-353-01
 14 cm / 5 4/8"

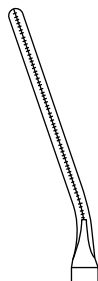


Fig. 2
SP13-353-02
 14 cm / 5 4/8"

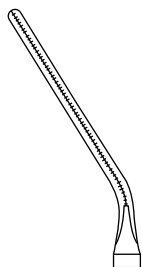


Fig. 3
SP13-353-03
 14 cm / 5 4/8"

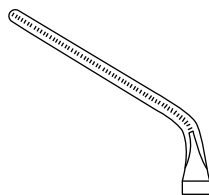


Fig. 4
SP13-353-04
 14 cm / 5 4/8"

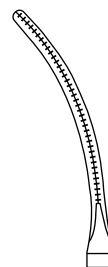


Fig. 5
SP13-353-05
 14 cm / 5 4/8"

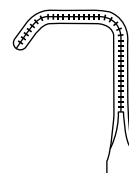


Fig. 6
SP13-353-06
 13 cm / 5"

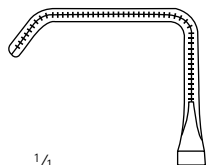


Fig. 7
SP13-353-07
 13 cm / 5"

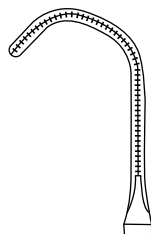


Fig. 8
SP13-353-08
 14 cm / 5 4/8"

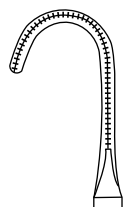


Fig. 9
SP13-353-09
 13 cm / 5"

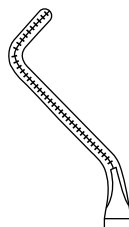


Fig. 10
SP13-353-10
 14 cm / 5 4/8"

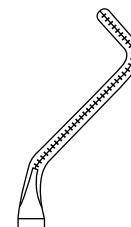


Fig. 11
SP13-353-11
 14 cm / 5 4/8"

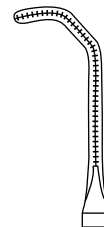
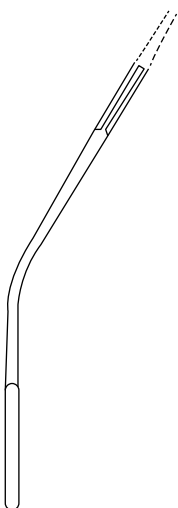


Fig. 12
SP13-353-12
 14 cm / 5 4/8"



1/2

De Bakey baby
SP13-353-01
SP13-353-15



1/1

Fig. 13
SP13-353-13
 14 cm / 5 4/8"

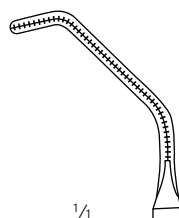


Fig. 14
SP13-353-14
 14 cm / 5 4/8"

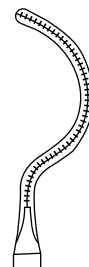


Fig. 15
SP13-353-15
 14 cm / 5 4/8"



Atrauma

FinoLine

Ti

St



De Bakey

SP13-354-01

SP13-355-03

delicate serration

1/1

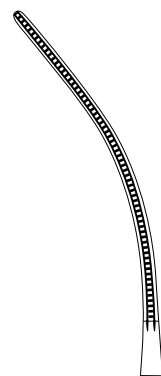
SP13-354-01

SP13-355-01

13,5 cm / 5 3/8"

St

Ti



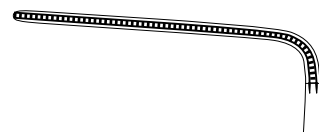
SP13-354-02

SP13-355-02

13 cm / 5 1/8"

St

Ti



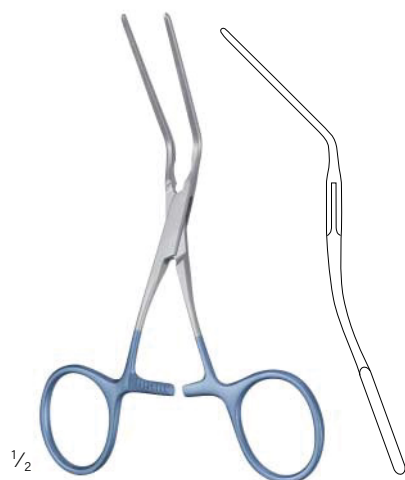
SP13-354-03

SP13-355-03

10,5 cm / 4 1/8"

St

Ti



De Bakey

SP13-354-04

SP13-355-05

delicate serration

1/1

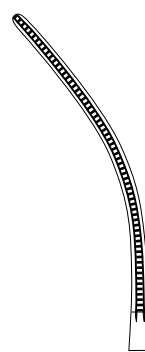
SP13-354-04

SP13-355-04

12 cm / 4 6/8"

St

Ti



SP13-354-05

SP13-355-05

13 cm / 5 1/8"

St

Ti

Atrauma

FinoLine

Ti

St



De Bakey

SP13-356-01

10,5 cm / 4 1/8"

very delicate serration



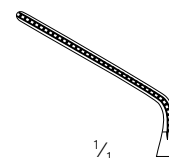
De Bakey

SP13-356-02

SP13-356-03

10,5 cm / 4 1/8"

very delicate serration



SP13-356-02



SP13-356-03



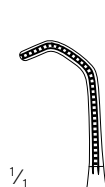
De Bakey

SP13-356-04

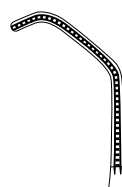
SP13-356-05

10,5 cm / 4 1/8"

very delicate serration

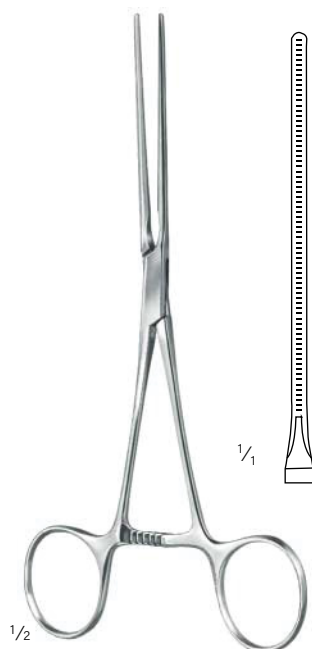


SP13-356-04

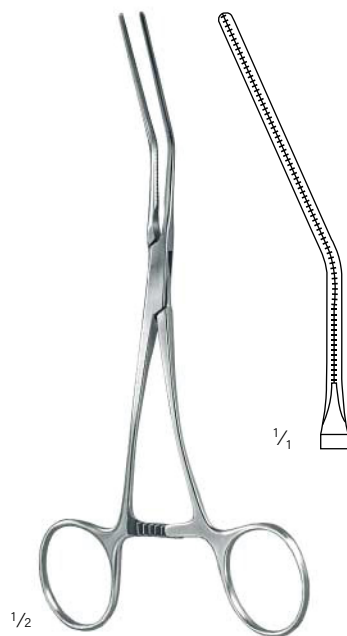


SP13-356-05

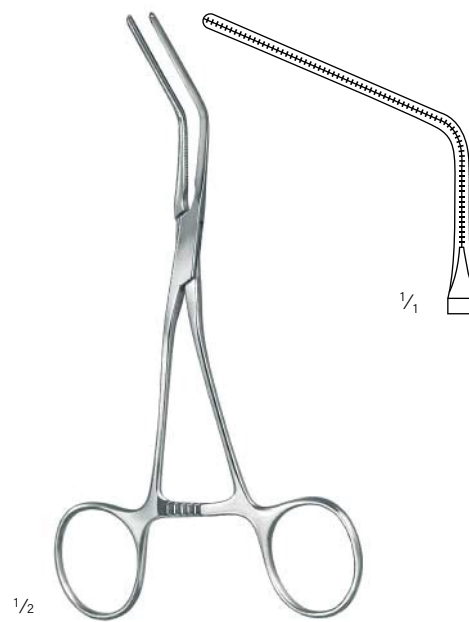
Atrauma



De Bakey baby
SP13-357-16
 16,5 cm / 6 $\frac{4}{8}$ "



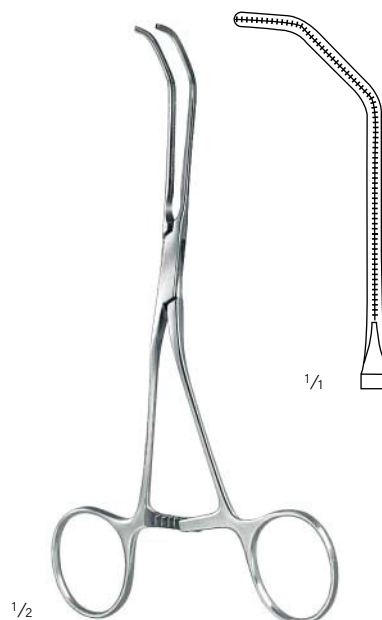
De Bakey baby
SP13-358-16
 16,5 cm / 6 $\frac{4}{8}$ "



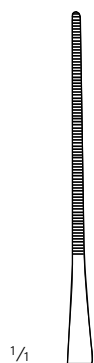
De Bakey baby
SP13-359-15
 15,5 cm / 6"



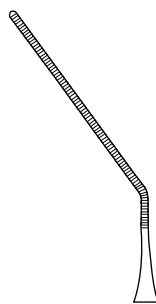
De Bakey baby
SP13-360-15
 15,5 cm / 6"



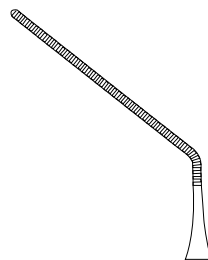
De Bakey baby
SP13-361-16
 16 cm / 6 $\frac{2}{8}$ "



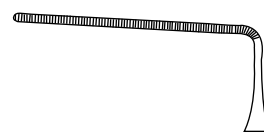
SP13-362-01
 13 cm / 4 1/8"



SP13-362-02
 12,5 cm / 5"



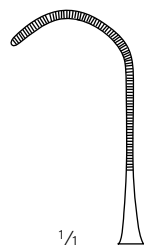
SP13-362-03
 12 cm / 4 6/8"



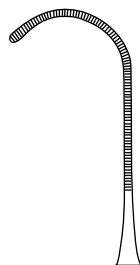
SP13-362-04
 11 cm / 4 2/8"



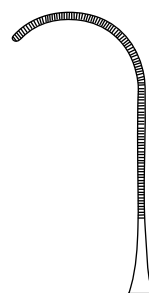
Castañeda
SP13-362-01
SP13-362-08



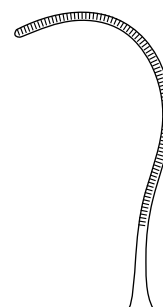
SP13-362-05
 12 cm / 4 6/8"



SP13-362-06
 12 cm / 4 6/8"



SP13-362-07
 12 cm / 4 6/8"



SP13-362-08
 12 cm / 4 6/8"