

# IMPROVED DURABILITY

• HIGH STRENGTH  
AND ENHANCED  
TECHNOLOGY



CARDIO +  
VASCULAR



## An Era Of **evolution**

**VORLING**  
instruments

HAS THE REPUTATION OF BEING THE ONLY IN PAKISTAN THAT MANUFACTURES ITS OWN TOOLS FOR THE PRODUCTION OF ITS INSTRUMENTS.

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**VORLING** instruments is a privately owned company providing personalized services and the finest in Surgical Instruments for over 25 years. Established in 1999, Our Company manufactures a wide range of Surgical, Dental and Veterinary Instruments.

All Instruments and devices of our product range are manufactured by well-trained and experienced skilled workers with special craftsmanship and by use of most modern machines and equipment. On this occasion we only use materials which meet our high standards. The CEO of Vorling Instruments, Mr. Muhammad Ahmed brings with him a lifetime of knowledge about the world of surgical instruments.

This insight allows us to understand the needs of our customers in a way most other instrument companies are unable to do.

**After becoming a competent oem service provider, cardiac has decided to introduce itself as the original source of high quality instrumentation to directly interact with some of the well-known brands around the world.**

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**Rib Shears**  
Rippenscheren  
Costótomos  
Costotomes  
Costotomi



13



1/2

**V13-100-23**  
23 cm / 9"  
Knochenschere  
Bone Shears  
Cizallas para hueso  
Cisailles à os  
Cesoia per ossa



1/2

**V13-101-23**  
23 cm / 9"



1/2

**Gluck**  
**V13-102-21**  
21 cm / 8 2/8"

ziehender Schnitt  
drawing cut  
corte obliquo  
lame glissante  
lama di retroazione



13

**Rib Shears**  
Rippenscheren  
Costótomos  
Costotomes  
Costotomi



1/2

**Bethune**  
**V13-103-34**  
34,5 cm / 13 5/8"



1/2

**Sauerbruch**  
**V13-104-26**  
26 cm / 10 2/8"



1/2

**Giertz-Stille**  
**V13-105-24**  
24,5 cm / 9 5/8"



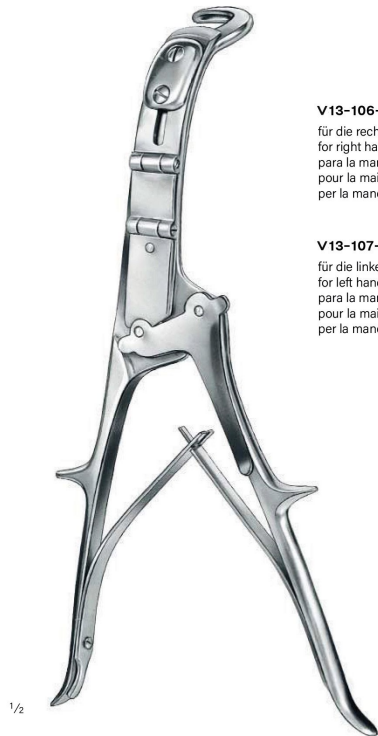
01

02

**Rib Shears, Sternum Chisel**  
 Rippenscheren, Sternummeißel  
 Costótomos, Císcel para esternón  
 Costotomos, Ciseau-burin à sternum  
 Costotomi, Scalpello per sterno



13



**V13-106-32**  
 für die rechte Hand  
 for right hand  
 para la mano derecha  
 pour la main droite  
 per la mano destra

**V13-107-32**  
 für die linke Hand  
 for left hand  
 para la mano izquierda  
 pour la main gauche  
 per la mano sinistra

1/2  
 Brunner  
**V13-106-32**  
**V13-107-32**  
 32 cm / 12 5/8"



1/2  
 Lebsche  
**V13-108-24**  
 24,5 cm / 9 5/8"



13

**Aortic Punches, Chest Tube Passer**  
 Aortenstanzen, Drainagedurchführungen  
 Perforadores aórticos, Pinza de drenaje  
 Rongeurs pour aorte, Pince de drainage  
 Pinze taglianti per aorta, Pinze drenaggio

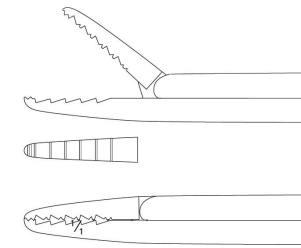


1/2

**V13-109-01**  
**V13-109-06**  
 15 cm / 5 7/8"  
 Aortenstanzen  
 Aortic punches  
 Perforadores aórticos  
 Rongeur pour aorte  
 Pinze taglianti per aorta



	Ø
<b>V13-109-01</b>	3,0 mm
<b>V13-109-02</b>	3,5 mm
<b>V13-109-03</b>	4,0 mm
<b>V13-109-04</b>	4,5 mm
<b>V13-109-05</b>	5,0 mm
<b>V13-109-06</b>	6,0 mm



**V13-110-24**  
**V13-111-24**

	ohne Sperre w/o ratchet sin trinquete sans cran d'arrêt senza arresto	mit Sperre with ratchet con trinquete avec cran d'arrêt con arresto
24 cm / 9 1/2"	<b>V13-110-24</b>	<b>V13-111-24</b>
34 cm / 13 3/8"	<b>V13-110-34</b>	<b>B13-111-34</b>



**Sternum and Rib Retractors**  
 Sternum- und Rippenstarrer  
 Separadores esternales y costales  
 Écarteurs à sternum et des côtes  
 Divaricatori per sterno e costali



**V13-112-02**  
 9 x 20 mm

**V13-112-03**  
 9 x 10 mm



**V13-112-01**  
**V13-112-03**

**TI**

für Säuglinge  
 for babies  
 para recién nacidos  
 pour nourissons  
 per neonati

	a x b	c	d
<b>V13-112-02</b>	9 x 20 mm		
<b>V13-112-03</b>	9 x 10 mm	40 mm	52 mm

**V13-112-01**  
 bestehend aus  
 consisting of  
 formado por  
 composé de  
 consistente in

2 Paar Valven (24-159-02-09/-03-09) und Rahmen  
 2 pairs of blades (24-159-02-09/-03-09) and frame  
 2 pares de valvas (24-159-02-09/-03-09) y bastidor  
 2 paires de valves (24-159-02-09/-03-09) et cadre  
 2 coppie di valve (24-159-02-09/-03-09) e telaio

	a x b	c	d
<b>V13-112-02</b>			
<b>V13-112-03</b>			



**Cooley**  
**V13-113-01**  
**V13-113-02**

**AI**

für Säuglinge  
 for babies  
 para recién nacidos  
 pour nourissons  
 per neonati

	a x b	c	d
<b>V13-113-01</b>	12 x 16 mm	60 mm	95 mm

für Kinder  
 for children  
 para niños  
 pour enfants  
 per bambini

	a x b	c	d
<b>V13-113-02</b>	15 x 30 mm	80 mm	95 mm

**Sternum and Rib Retractors**  
 Sternum- und Rippenstarrer  
 Separadores esternales y costales  
 Écarteurs à sternum et des côtes  
 Divaricatori per sterno e costali



**Cooley**  
**V13-113-03**  
**V13-113-06**

**AI St**

für Kinder  
 for children  
 para niños  
 pour enfants  
 per bambini

	a x b	c	d
<b>V13-113-03</b>	20 x 45 mm	100 mm	150 mm

für Erwachsene  
 for adults  
 para adultos  
 pour adultes  
 per adulti

	a x b	c	d
<b>V13-113-04</b>	35 x 50 mm	140 mm	180 mm
<b>V13-113-05</b>	30 x 105 mm	160 mm	195 mm
<b>V13-113-06</b>	30 x 105 mm	160 mm	195 mm



**Finochietto**  
**V13-114-01**  
**V13-114-02**

**AI**

für Säuglinge  
 for babies  
 para recién nacidos  
 pour nourissons  
 per neonati

	a x b	c	d
<b>V13-114-01</b>	15 x 15 mm	60 mm	75 mm

für Kinder  
 for children  
 para niños  
 pour enfants  
 per bambini

	a x b	c	d
<b>V13-114-02</b>	31 x 31 mm	80 mm	100 mm



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

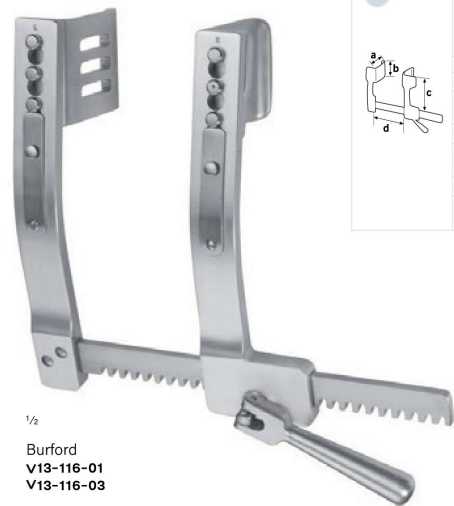


13



1/2  
 Finochietto  
 V13-115-01  
 V13-115-03

AI			
für Kinder und Erwachsene for children and adults para niños y adultos pour enfants et adultes per bambini e adulti			
	a x b	c	d
V13-115-01	40 x 45 mm	105 mm	135 mm
V13-115-02	45 x 60 mm	140 mm	175 mm
V13-115-03	85 x 65 mm	140 mm	175 mm



1/2  
 Burford  
 V13-116-01  
 V13-116-03

AI			
für Erwachsene for adults para adultos pour adultes per adulti			
	a x b	c	d
V13-116-01	47 x 62 mm 62 x 62 mm	195 mm	165 mm
V13-116-02	47 x 62 mm 62 x 62 mm	195 mm	260 mm
V13-116-03	47 x 62 mm 62 x 62 mm	195 mm	280 mm



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



13



1/2  
 Castañeda  
 V13-117-01  
 V13-117-03

AI			
für Säuglinge for babies para recién nacidos pour nourissons per neonati			
	a x b	c	d
V13-117-01	10 x 32 mm	60 mm	65 mm
für Säuglinge und Kinder for babies and children para recién nacidos y niños pour nourissons et enfants per neonati e bambini			
	a x b	c	d
V13-117-02	12 x 45 mm	80 mm	70 mm
für Kinder for children para niños pour enfants per bambini			
	a x b	c	d
V13-117-03	15 x 60 mm	120 mm	105 mm



1/2  
 Finochietto (modif.)  
 V13-118-01

AI			
für Kinder und Erwachsene for children and adults para niños y adultos pour enfants et adultes per bambini e adulti			
	a x b	c	d
V13-118-01	14 x 15 mm	100 mm	100 mm



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



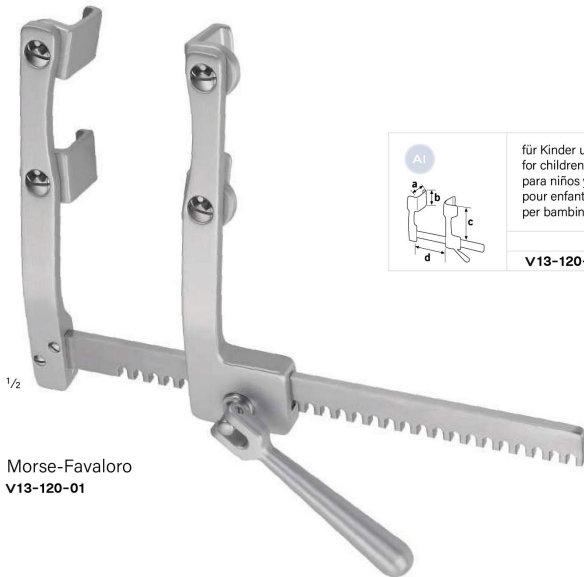
13



1/2

Haight  
 V13-119-90

	a x b	c	d
V13-119-90	30 x 30 mm	90 mm	120 mm



1/2

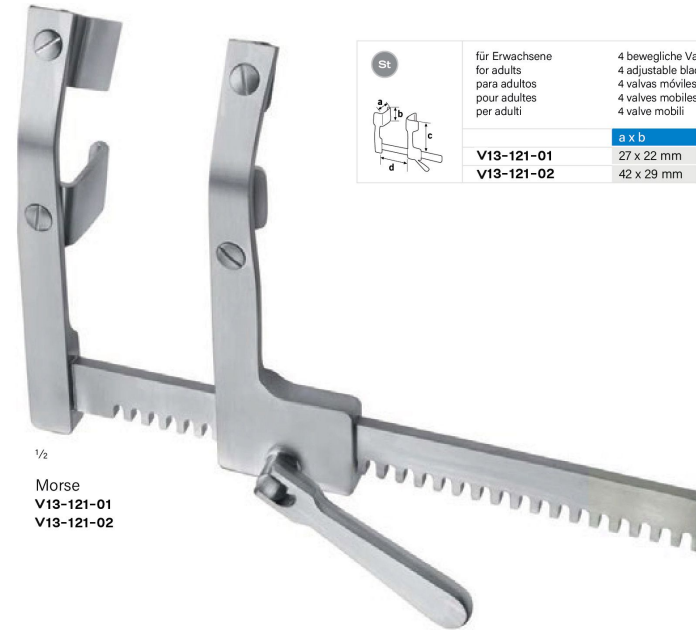
Morse-Favaloro  
 V13-120-01

	a x b	c	d
V13-120-01	17 x 22 mm	120 mm	160 mm

**Sternum and Rib Retractors**  
 Sternum- und Rippensperrer  
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13



1/2

Morse  
 V13-121-01  
 V13-121-02

	a x b	c	d
V13-121-01	27 x 22 mm	145 mm	200 mm
V13-121-02	42 x 29 mm	140 mm	210 mm



1/2

Tuffier  
 V13-122-01

	a x b	c	d
V13-122-01	45 x 45 mm	110 mm	170 mm



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



13



Finochietto, Baby  
 V13-123-01

für Säuglinge und Kinder for babies and children para recién nacidos y niños pour nourissons et enfants per neonati e bambini				
	a x b	c	d	
<b>V13-123-01</b>	15 x 20 mm	50 mm	75 mm	



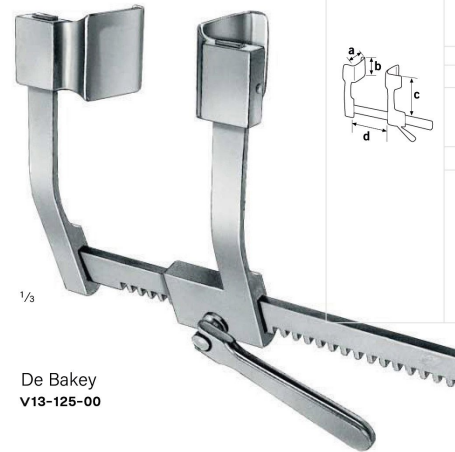
Finochietto  
 V13-124-01  
 V13-124-03

für Erwachsene for adults para adultos pour adultes per adulti				
	a x b	c	d	
<b>V13-124-01</b>	40 x 45 mm	110 mm	150 mm	
<b>V13-124-02</b>	45 x 65 mm	140 mm	165 mm	
<b>V13-124-03</b>	80 x 65 mm	140 mm	190 mm	

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



13



De Bakey  
 V13-125-00

für Erwachsene for adults para adultos pour adultes per adulti				
	a x b	c	d	
<b>V13-125-00</b>	30 x 30 mm 40 x 40 mm 50 x 50 mm	160 mm	150 mm	
bestehend aus consisting of formado por composé de consistente in	3 Paar Valven 3 pairs of blades 3 pares de valvas 3 paires de valves 3 coppie di valve	Rahmen Frame Bastidor Cadre Telaio		
	<b>V13-125-02</b> <b>V13-125-03</b> <b>V13-125-04</b>	<b>V13-125-01</b>		



De Bakey  
 V13-125-02  
 30 x 30 mm

De Bakey  
 V13-125-03  
 40 x 40 mm

De Bakey  
 V13-125-04  
 50 x 50 mm

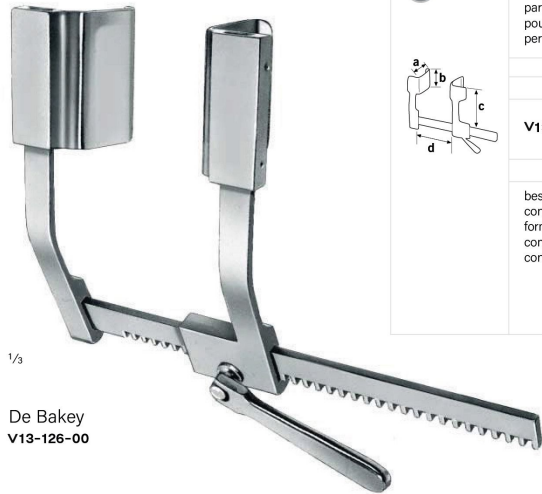




**Sternum and Rib Retractors**  
 Sternum- und Rippensperrer  
 Separadores esternales y costales  
 Écarteurs à sternum et des côtes  
 Divaricatori per sterno e costali



13



1/3

De Bakey  
V13-126-00

St		für Erwachsene for adults para adultos pour adultes per adulti		
		a x b	c	d
	V13-126-00	60 x 60 mm 50 x 80 mm 40 x 100 mm	170 mm	200 mm
	bestehend aus consisting of formado por composé de consistente in		3 Paar Valven 3 pairs of blades 3 pares de valvas 3 paires de valves 3 coppie di valve	Rahmen Frame Bastidor Cadre Telaio
	V13-126-02 V13-126-03 V13-126-04		V13-126-01	



1/3

De Bakey  
V13-126-02  
60 x 60 mm



De Bakey  
V13-126-03  
50 x 80 mm



De Bakey  
V13-126-04  
40 x 100 mm



1/3

De Bakey  
V13-126-05  
80 x 60 mm

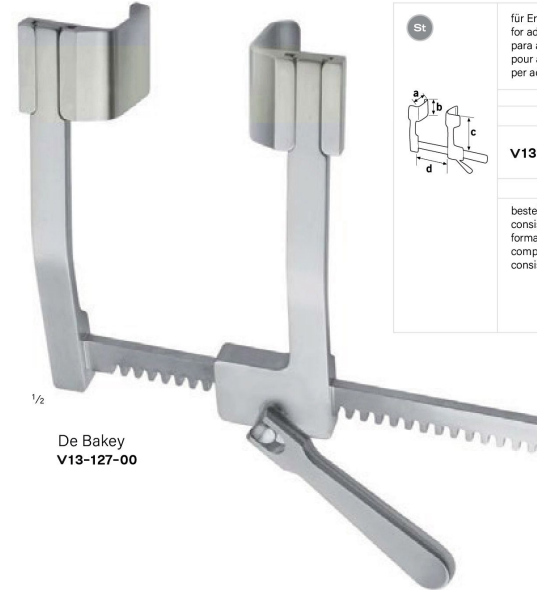


De Bakey  
V13-126-06  
50 x 65 mm

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



13



1/2

De Bakey  
V13-127-00

St		für Erwachsene for adults para adultos pour adultes per adulti		
		a x b	c	d
	V13-127-00	30 x 30 mm 40 x 40 mm 40 x 40 mm	145 mm	150 mm
	bestehend aus consisting of formado por composé de consistente in		3 Paar Valven 3 pairs of blades 3 pares de valvas 3 paires de valves 3 coppie di valve	Rahmen Frame Bastidor Cadre Telaio
	V13-127-02 V13-127-03 V13-127-04		V13-127-01	



1/2

De Bakey  
V13-127-02  
30 x 30 mm



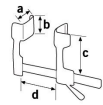
De Bakey  
V13-127-03  
40 x 40 mm



De Bakey  
V13-127-04  
50 x 50 mm



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

St	für Erwachsene for adults para adultos pour adultes per adulti				
	a x b	c	d		
	60 x 60 mm	190 mm	240 mm		
	V13-128-00			50 x 80 mm	
				40 x 100 mm	
bestehend aus consisting of formado por composé de consistente in	3 Paar Valven 3 pairs of blades 3 pares de valvas 3 paires de valves 3 coppie di valve	Rahmen Frame Bastidor Cadre Telaio			
	V13-128-02	V13-128-01			
	V13-128-03				
	V13-128-04				



De Bakey  
V13-128-00

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



De Bakey  
V13-128-02  
60 x 60 mm



De Bakey  
V13-128-03  
50 x 80 mm



De Bakey  
V13-128-04  
40 x 100 mm



De Bakey  
V13-128-05  
80 x 60 mm

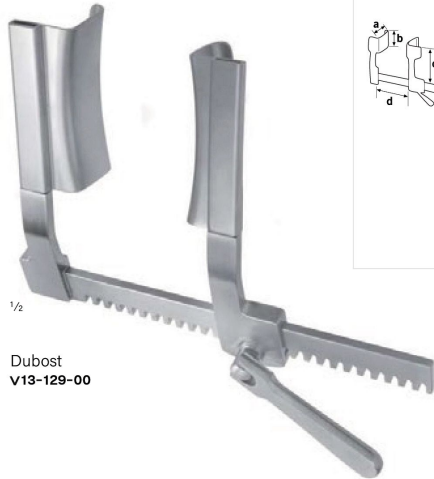


De Bakey  
V13-128-06  
50 x 65 mm



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

	für Erwachsene for adults para adultos pour adultes per adulti			
		<b>a x b</b>	<b>c</b>	<b>d</b>
	<b>V13-129-00</b>	30 x 100 mm		
		40 x 100 mm	140 mm	160 mm
50 x 100 mm				
bestehend aus consisting of formado por composé de consistente in	3 Paar Valven 3 pairs of blades 3 pares de valvas 3 paires de valves 3 coppie di valve	Rahmen Frame Bastidor Cadre Telaio		
	<b>V13-129-03</b>	<b>V13-129-02</b>		
	<b>V13-129-04</b>			
	<b>V13-129-05</b>			



Dubost  
**V13-129-00**



Dubost  
**V13-129-01**

	<b>V13-129-01</b> IMA-Konfiguration IMA configuration Configuración IMA Configurazione IMA			
		<b>a x b</b>	<b>c</b>	<b>d</b>
	bestehend aus consisting of formado por composé de consistente in	3 Paar Valven 3 pairs of blades 3 pares de valvas 3 paires de valves 3 coppie di valve	IMA-Valven IMA blades Valvas IMA Valves IMA Valve IMA	Rahmen Frame Bastidor Cadre Telaio
			<b>V13-129-03</b>	<b>V13-129-06</b>
		<b>V13-129-04</b>	<b>V13-129-07</b>	
	<b>V13-129-05</b>			

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



Dubost  
**V13-129-05**  
 30 x 100 mm



Dubost  
**V13-129-04**  
 40 x 100 mm



Dubost  
**V13-129-03**  
 50 x 100 mm



Dubost  
**V13-129-06**  
 für IMA-Konfiguration  
 for IMA configuration  
 para configuración IMA  
 pour configuration IMA  
 per configurazione IMA



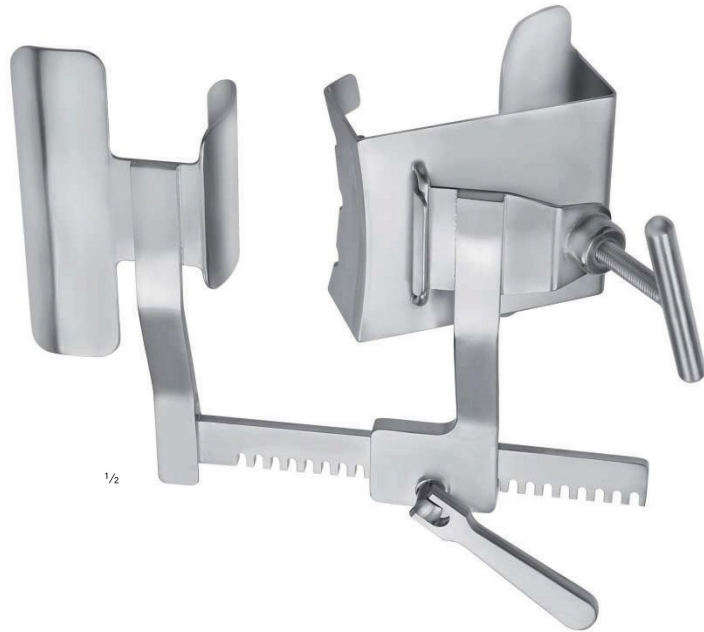
Dubost  
**V13-129-07**  
 für IMA-Konfiguration  
 for IMA configuration  
 para configuración IMA  
 pour configuration IMA  
 per configurazione IMA



**Sternum and Rib Retractors**  
 Sternum- und Rippen-sperrerr  
 Separadores esternales y costales  
 Écarteurs à sternum et des côtes  
 Divaricatori per sterno e costali

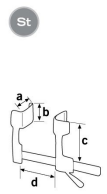


13



**V13-130-00**  
 IMA-Sperrerr  
 IMA retractor  
 Separador IMA  
 Rétracteur IMA  
 Divaricatore IMA

für Erwachsene  
 for adults  
 para adultos  
 pour adultes  
 per adulti

St			
	a x b	c	d
Starre Valve Starre blades Valvas starr Valves starr Valve starr	50 x 80 mm	220 mm	130 mm
IMA-Valven IMA blades Valvas IMA Valves IMA Valve IMA	37 x 100 mm	220 mm	130 mm

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**Sternum and Rib Retractors**  
 Sternum- und Rippen-sperrerr  
 Separadores esternales y costales  
 Écarteurs à sternum et des côtes  
 Divaricatori per sterno e costali



13




**V13-131-00**

Mini-Thorakotomie-Sperrerr mit beweglichen Armen und abnehmbarer Querstange  
 Mini thoracotomy retractor with adjustable, jointed arms and detachable bar

Separador mini de toracotomía con brazos articulados y varilla transversal desmontable  
 Écarteur mini-thoracotomie à bras mobiles et barre transversale amovible  
 Divaricatore mini per toracotomia con bracci mobili e barra trasversale smontabile



St			
	a x b	c	d
<b>V13-131-00</b>	40 x 36 mm 55 x 36 mm	100 mm	140 mm
bestehend aus consisting of formado por composé de consistente in	2 Paar Valven 2 pairs of blades 2 paires de valves 2 coppie di valve	Rahmen mit Querstange Frame with bar Bastidor con varilla transversal Cadre avec barre transversale Telaio con barra trasversale	<b>V13-131-01</b>
	<b>V13-131-04</b> <b>V13-131-05</b>		

exemplarische Klappenchirurgie-Konfiguration, bestehend aus  
 exemplary valve surgery configuration, consisting of  
 Configuración ejemplar de cirugía valvular, formado por  
 exemple de configuration de chirurgie valvulaire, composé de  
 Configurazione esemplare di chirurgia valvolare, composta da

Rahmen mit abnehmbare Querstange Frame with detachable bar Bastidor con varilla transversal desmontable Cadre avec barre transversale amovible Telaio con barra trasversale smontabile	1 Paar Valven 1 pairs of blades 1 paires de valves 1 coppie di valve	Fixierelement Fixation élément Elemento de fijación Elemento di fissaggio	Haken Retractor Retractor Rétracteur Retratore
<b>V13-131-01</b>	<b>V13-131-04</b>	<b>V13-134-02</b>	<b>V13-134-01</b>



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**Sternum and Rib Retractors**  
 Sternum- und Rippensperrer  
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13

Kein Gewinde, kein Verfangen von Fäden möglich  
 No thread, no danger of suture getting caught  
 no rosca, no existe peligro de enredo de las suturas  
 aucun vis, les fils de suture ne peuvent plus s'emmêler  
 no filettatura, nessun pericolo di impiglio della sutura



**V13-131-02**

Mini-Thoracotomie-Sperrer mit beweglichen Armen  
 Mini thoracotomy retractor with adjustable arms  
 Separador mini de toracotomía con brazos móviles  
 Écarteur mini-thoracotomie à bras mobiles  
 Divaricatore mini per toracotomia con bracci mobili

St	für Erwachsene for adults para adultos pour adultes per adulti			
	a x b	c	d	
	<b>V13-131-02</b>	40 x 36 mm	100 mm	140 mm
		55 x 36 mm		
bestehend aus consisting of formado por composé de consistente in		2 Paar Valven 2 pairs of blades 2 pares de valvas 2 paires de valves 2 coppie di valve	Rahmen Frame Bastidor Cadre Telaio	
		<b>V13-131-04</b> <b>V13-131-05</b>	<b>V13-131-03</b>	



1/2

**V13-131-04**  
40 x 36 mm

- V13-131-00
- V13-131-01
- V13-131-02
- V13-131-03



1/2

**V13-131-05**  
55 x 36 mm

- V13-131-00
- V13-131-01
- V13-131-02
- V13-131-03

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



13

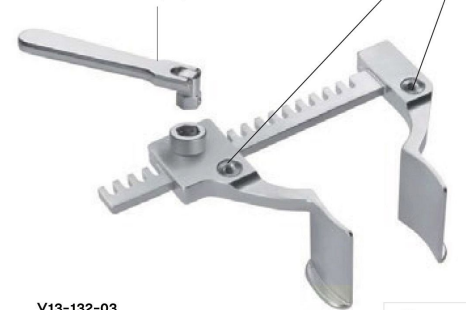
abnehmbarer Griff für ein freies OP-Feld

detachable handle for unobstructed view  
of the surgical site

mango desmontable para una visión sin obstáculos  
del campo operatorio

poignée amovible pour un champ  
opérateur libre

impugnatura smontabile per una visione  
senza ostruzioni del campo operatorio



**V13-132-03**

**V13-132-05**

Mini-Thoracotomie-Sperrer  
 Mini thoracotomy retractor  
 Separador mini de toracotomía  
 Écarteur mini-thoracotomie  
 Divaricatore mini per toracotomia

kein Verfangen von Fäden möglich durch versenktes Gewinde  
für Querstange (C13-132-06)

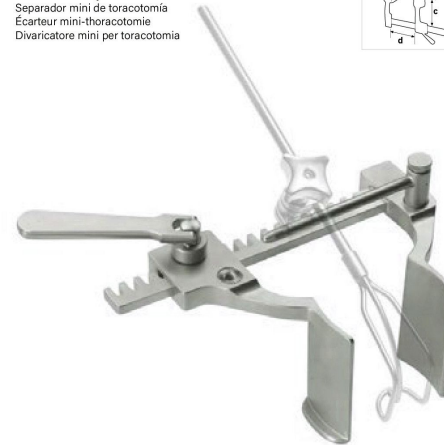
no danger of suture getting caught, thanks to recessed threads  
for cross-bar (C13-132-06)

no existe peligro de enredo de las suturas gracias a la rosca sumergida  
para varilla transversal (C13-132-06)

les fils de suture ne peuvent plus s'emmêler grâce aux vis encastrées  
pour barre transversale (C13-132-06)

nessun pericolo di impiglio della sutura grazie a filettatura incassata  
per barra trasversale (C13-132-06)

St	a x b	c	d
<b>V13-132-03</b>	45 x 36 mm	76 mm	85 mm
<b>V13-132-04</b>	60 x 36 mm	76 mm	85 mm
<b>V13-132-05</b>	80 x 36 mm	76 mm	85 mm



**V13-132-00**

**V13-132-02**

Mini-Thoracotomie-Sperrer mit abnehmbarer Querstange  
 Mini thoracotomy retractor with detachable cross-bar  
 Separador mini de toracotomía con varilla transversal desmontable  
 Écarteur mini-thoracotomie avec barre transversale amovible  
 Mini-divaricatore per toracotomia con barra trasversale asportabile

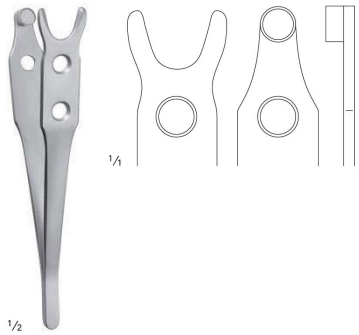
St	a x b	c	d
<b>V13-132-00</b>	45 x 36 mm	76 mm	85 mm
<b>V13-132-01</b>	60 x 36 mm	76 mm	85 mm
<b>V13-132-02</b>	80 x 36 mm	76 mm	85 mm



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



13



**V13-133-99**  
 Pinzette zum Austauschen von Valven  
 Forceps for blade replacement  
 Pinza para cambiar las valvas  
 Pince pour remplacer les valves  
 Pinza per la sostituzione delle valve

- ➔ V13-131-00
- V13-131-01
- V13-131-02
- V13-131-03



**V13-132-06**  
 Querstange  
 Cross-bar  
 Varilla transversal  
 Barra transversale  
 Barra trasversale

- ➔ V13-131-00
- V13-131-01
- V13-132-03
- V13-132-04
- V13-132-05

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



13



**V13-134-02**  
 Fixierelement  
 Fixation element  
 Elemento de fijación  
 Élément de fixation  
 Elemento di fissaggio

- ➔ V13-131-00
- V13-131-01
- V13-132-03
- V13-132-04
- V13-132-05
- V13-132-06



**V13-134-05**  
 Haken, biegsam  
 Retractor, malleable  
 Retractor, maleable  
 Rétracteur, flexible  
 Retratore, flessibile

- ➔ V13-131-00
- V13-131-01
- V13-132-03
- V13-132-04
- V13-132-05
- V13-132-06



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



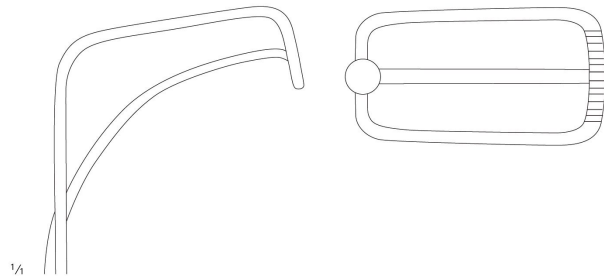
13



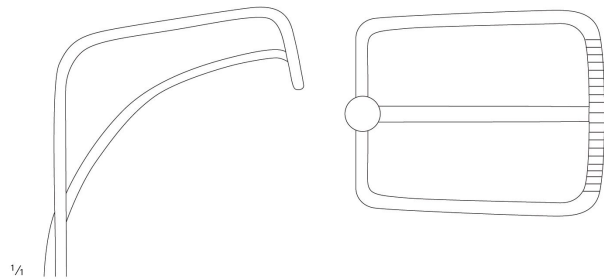
Cooley  
**V13-134-01**  
**V13-134-04**

Haken  
 Retractor  
 Retractor  
 Rétracteur  
 Retratore

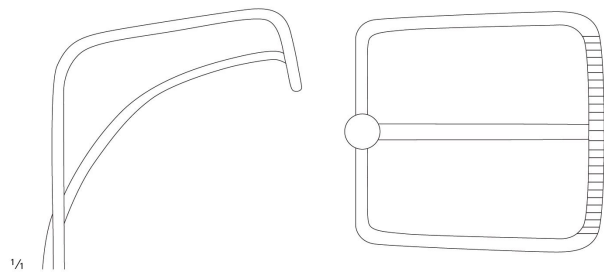
- ➔ V13-131-00
- V13-131-01
- V13-132-00
- V13-132-01
- V13-132-02
- V13-132-03
- V13-132-04
- V13-132-05
- V13-132-06



**V13-134-01**  
 35 x 25 mm



**V13-134-03**  
 40 x 36 mm



**V13-134-04**  
 50 x 36 mm

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



13



French IMA  
**V13-135-00**



**V13-135-02**  
 IMA-Valve, french  
 IMA blade, french  
 Valva IMA, francese  
 Valve IMA, française  
 Valva IMA, francese  
 30 x 100 mm



**V13-135-03**  
 IMA-Valve, french  
 IMA blade, french  
 Valva IMA, francese  
 Valve IMA, française  
 Valva IMA, francese  
 50 x 22 mm



**V13-135-04**  
 IMA-Valve, french  
 IMA blade, french  
 Valva IMA, francese  
 Valve IMA, française  
 Valva IMA, francese  
 40 x 22 mm

**V13-135-00**

St

French-IMA-Konfiguration  
 French IMA configuration  
 Configuración IMA francesa  
 Configuration IMA française  
 Configurazione IMA francese

bestehend aus  
 consisting of  
 formado por  
 composé de  
 consistente in

3 Valven  
 3 blades  
 3 valvas  
 3 valves  
 3 alve

Rahmen  
 Frame  
 Bastidor  
 Cadre  
 Telaio

**V13-135-02**  
**V13-135-03**  
**V13-135-04**

**V13-135-01**



Exposure, stability and flexibility  
 Perfection for valve and bypass surgery



**Features marGate**

- Ausgezeichnete Exposition des OP-Feldes
- Schneller Valvenwechsel mit nur einem Handgriff
- Kompatibel für Nahhaltereinschübe
- Besonders flaches Design für mehr Übersicht
- Einfaches und schnelles Rastprinzip über das Fixierelement

**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

**Características marGate**

- Excelente exposición del campo quirúrgico
- Cambio rápido de las valvas con una sola maniobra
- Compatible con insertos de sujeción para suturas
- Diseño particularmente plano para mayor
- Enclavamiento sencillo y rápido a través del elementode fijación

**Caractéristiques marGate**

- Exposition exceptionnelle du champ opératoire
- Changement rapide de valve avec un geste seulement vista general
- Compatible avec les inserts pour dispositifs de rétention des sutures
- Design particulièrement plat pour davantage de visibilité
- Principe de serrage simple et

**Caratteristiche di marGate**

- Esposizione straordinaria del campo operatorio
- Rapida sostituzione delle valvole con una sola presa
- Compatibile per inserti di tenuta della sutura rapide sur l'élément de fixation
- Design particolarmente piatto per una maggiore visibilità
- Principio d'arresto semplice e rapido tramite l'elemento di fissaggio

St	<b>V13-136-00</b>				
		<b>a x b</b>	<b>c</b>	<b>d</b>	
		30 x 100 mm	225 mm	200 mm	
	bestehend aus consisting of formado por composé de consistente in	1 Paar Valven 1 pairs of blades 1 paires de valvas 1 coppie di valve	Rahmen Frame Bastidor Cadre Telaio	<b>V13-136-02</b>	<b>V13-136-01</b>



**V13-136-01**

- Rahmen allein Frame only Bastidor suelto Cadre seul Telaio solo



**V13-136-02**

- 30 x 100 mm

**V13-136-03**

- 40 x 100 mm



**V13-136-04**

- 30 x 28 mm

**V13-136-05**

- 40 x 28 mm

↻ V13-136-00  
 V13-136-01

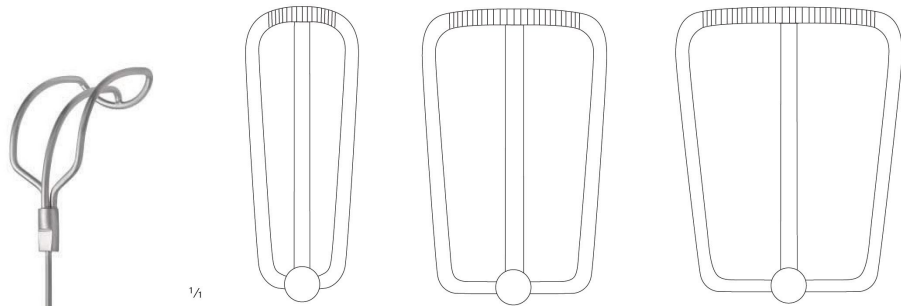




Accessories for Sternum Retractors marGate  
 Zubehör für Sternumsperrer marGate  
 Accesorios para separadores esternales marGa  
 Accessoires pour écarteurs à sternum marGate  
 Accessori per sterno marGate



13



	60 x 20 mm	60 x 35 mm	60 x 45 mm
Ø8	V13-136-10	V13-136-11	V13-136-12
Ø6	V13-137-10	V13-137-11	V13-137-12



Cooley  
 V13-136-10  
 V13-137-12  
 Atriumhaken, biegsam  
 Atrium retractor, malleable  
 Retractor auricular, maleable  
 Rétracteur atrium, flexible  
 Retratore atrio, flessibile

→ V13-136-00  
 V13-136-01



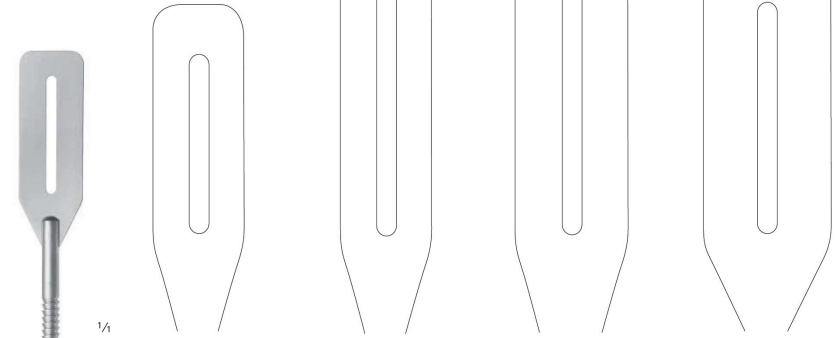
V13-136-09  
 Fixierelement  
 Fixation element  
 Elemento de fijación  
 Élément de fixation  
 Elemento di fissaggio

→ V13-136-00  
 V13-136-01

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



13



	18 x 65 mm	18 x 95 mm	22 x 95 mm	25 x 75 mm
Ø8	V13-136-20	V13-136-21	V13-136-22	V13-136-23
Ø6	V13-137-20	V13-137-21	V13-137-22	V13-137-23



V13-136-20  
 V13-137-23  
 Klappenhaken, biegsam  
 Valve retractor, malleable  
 Retractor valvular, maleable  
 Rétracteur valves, flexible  
 Retratore valvola, flessibile

→ V13-136-00  
 V13-136-01



**Rib Contractors**  
 Rippenkontraktoren  
 Aproximadores para costillas  
 Rapprocheurs des côtes  
 Approssimatori costali



13



**Sellors**  
**V13-138-20**  
 20 cm / 7 7/8"

bewegliche Valven  
 adjustable blades  
 valvas móviles  
 valves mobiles  
 valve mobili

Valven drehbar  
 Valves rotatable  
 Valvas giratorio  
 Valves rotatif  
 Valve girevole



**Bailey-Baby**  
**V13-139-15**  
 15,5 cm / 6 1/8"



**Bailey**  
**V13-140-20**  
 20 cm / 7 7/8"

kurze Klauen  
 short claws  
 garras cortas  
 bras courts  
 pinze corte



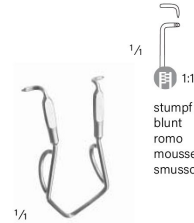
**Bailey-Gibbon**  
**V13-141-20**  
 20 cm / 7 7/8"

lange Klauen  
 long claws  
 garras largas  
 bras longs  
 pinze lunghe

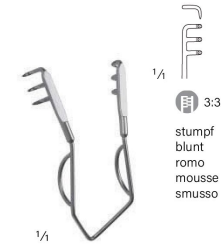
**Wound Spreaders, self-retaining**  
 Wundspreizer  
 Retractores autoestáticos  
 Écarteurs autostatiques  
 Retrattori autostatici



13



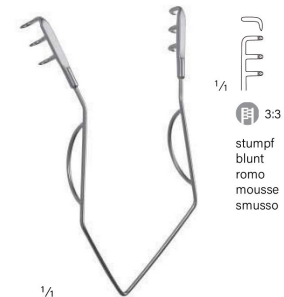
**V13-142-02**  
 2,5 cm / 1"  
 Koronarfatetspreizer  
 Epicardial spring retractor  
 Retractor de grasa para cirugía coronaria  
 Écarteur pour graisse  
 Retrattore di grasso per chirurgia coronarica



**V13-142-03**  
 3,5 cm / 1 3/8"  
 Koronarfatetspreizer  
 Epicardial spring retractor  
 Retractor de grasa para cirugía coronaria  
 Écarteur pour graisse  
 Retrattore di grasso per chirurgia coronarica



**V13-142-04**  
 4 cm / 1 5/8"  
 Koronarfatetspreizer  
 Epicardial spring retractor  
 Retractor de grasa para cirugía coronaria  
 Écarteur pour graisse  
 Retrattore di grasso per chirurgia coronarica



**V13-142-05**  
 5,5 cm / 2 1/8"  
 Koronarfatetspreizer  
 Epicardial spring retractor  
 Retractor de grasa para cirugía coronaria  
 Écarteur pour graisse  
 Retrattore di grasso per chirurgia coronarica



**Lung Spatulas**  
 Lungenspatel  
 Espátulas pulmonares  
 Spatules pulmonaires  
 Spatole per pulmone



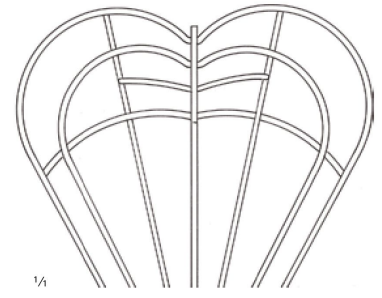
13



40 mm  
**V13-143-29**  
 29,5 cm / 11 5/8"  
 Arbeitsteil schmal  
 Working part, narrow  
 Elemento de trabajo, estrecha  
 Élément de travail, étroit  
 Elemento di lavoro, stretto



53 mm  
**V13-143-33**  
 33 cm / 13"  
 Arbeitsteil breit  
 Working part, wide  
 Elemento de trabajo, ancha  
 Élément de travail, large  
 Elemento di lavoro, largo



Allison  
**V13-143-29**  
**V13-143-33**

**V13-144-29**  
 29,5 cm / 11 5/8"



13

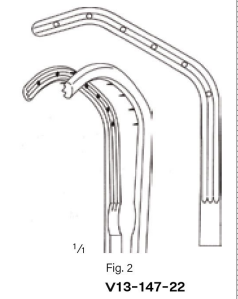
**Bronchus Clamps**  
 Bronchusklemmen  
 Pinzas bronquiales  
 Pince-clamps à bronches  
 Pinze per bronchi



Price-Thomas  
**V13-145-22**  
 22 cm / 8 5/8"



Price-Thomas  
**V13-146-22**  
**V13-147-22**  
 22 cm / 8 5/8"



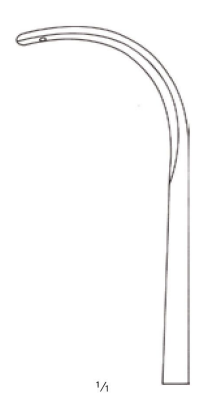
**Bronchus Clamps**  
 Bronchusklemmen  
 Pinzas bronquiales  
 Pince-clamps à bronches  
 Pinze per bronchi



13



V13-148-25  
 25 cm / 9 7/8"



V13-148-24  
 24,5 cm / 9 5/8"

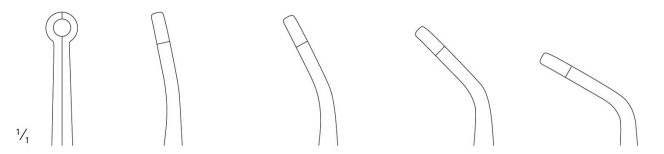
1/2  
 Semb  
 V13-148-25  
 V13-148-24



13

**Shunt Bulldog Clamps**  
 Shunt-Bulldogklemmen  
 Pinzas Bulldog para shunt  
 Pinces Bulldog pour carotide  
 Pinze Bulldog per shunt

Ti



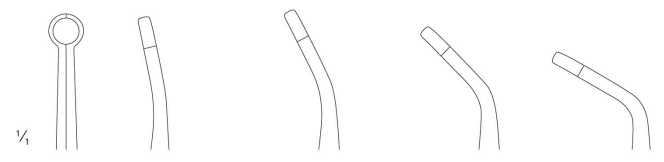
Ø 10 Fr.	V13-149-10	V13-149-25	V13-149-45	V13-149-60
10°	10°	25°	45°	60°
7,5 cm / 3"	7,5 cm / 3"	7,5 cm / 3"	7 cm / 2 3/4"	6,5 cm / 2 1/2"



Ø 12 Fr.	V13-150-10	V13-150-25	V13-150-45	V13-150-60
10°	10°	25°	45°	60°
7,5 cm / 3"	7,5 cm / 3"	7,5 cm / 3"	7 cm / 2 3/4"	6,5 cm / 2 1/2"



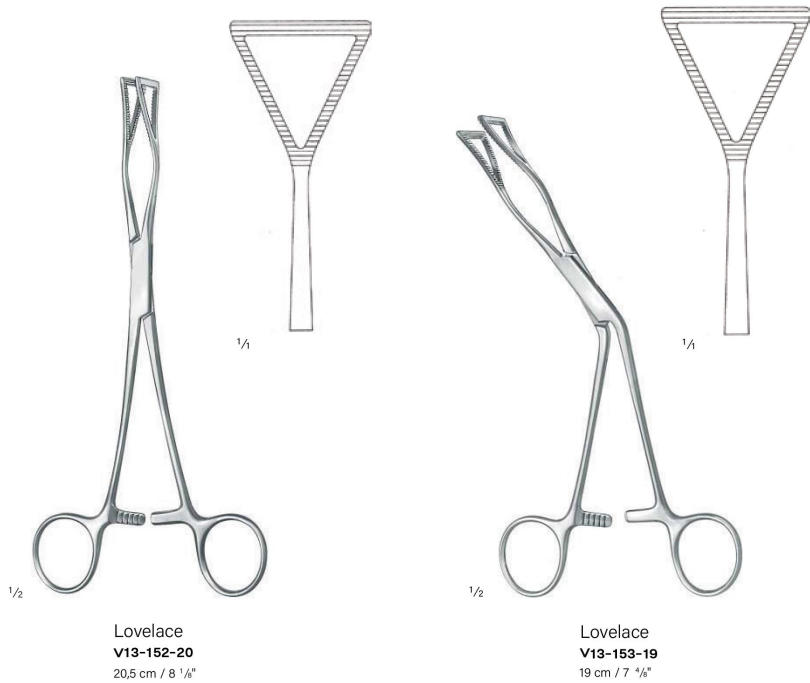
1/2  
 V13-149-10  
 V13-151-60



Ø 14 Fr.	V13-151-10	V13-151-25	V13-151-45	V13-151-60
10°	10°	25°	45°	60°
7,5 cm / 3"	7,5 cm / 3"	7,5 cm / 3"	7 cm / 2 3/4"	6,5 cm / 2 1/2"



**Lung Grasping Forceps**  
 Lungenfasszangen  
 Pinzas para coger el pulmón  
 Pince-clamps à poumons  
 Pinze per afferrare polmone

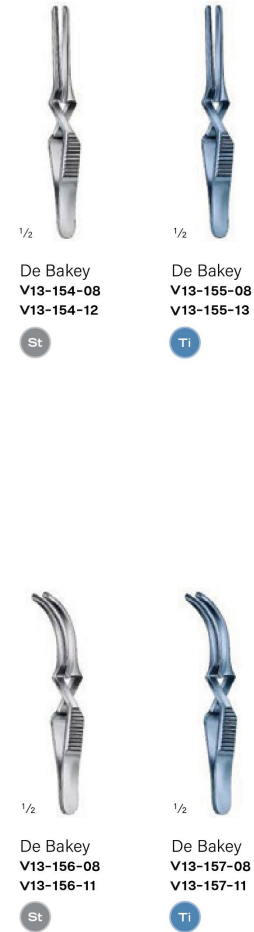


Lovelace  
**V13-152-20**  
 20,5 cm / 8 1/8"

Lovelace  
**V13-153-19**  
 19 cm / 7 1/2"

**Bulldog Clamps**  
 Bulldogklemmen  
 Clamps Bulldog  
 Clamps Bulldog  
 Pinze Bulldog

Atrauma



De Bakey  
**V13-154-08**  
**V13-154-12**

St

De Bakey  
**V13-155-08**  
**V13-155-13**

Ti



De Bakey  
**V13-156-08**  
**V13-156-11**

St

De Bakey  
**V13-157-08**  
**V13-157-11**

Ti

Material	Model	Length	Tip Length
St	V13-154-08	8 cm / 3 1/8"	30 mm
	V13-154-09	9 cm / 3 4/8"	40 mm
	V13-154-10	10,5 cm / 4 1/8"	55 mm
	V13-154-12	12,5 cm / 4 7/8"	75 mm
Ti	V13-155-08	8 cm / 3 1/8"	25 mm
	V13-155-09	9 cm / 3 4/8"	35 mm
	V13-155-11	11 cm / 4 3/8"	55 mm
	V13-155-13	13 cm / 5 1/8"	75 mm
St	V13-156-08	8 cm / 3 1/8"	25 mm
	V13-156-09	8,5 cm / 3 3/8"	35 mm
	V13-156-10	9,5 cm / 3 7/8"	50 mm
	V13-156-11	11,5 cm / 4 4/8"	65 mm
Ti	V13-157-08	8 cm / 3 1/8"	25 mm
	V13-157-09	9 cm / 3 4/8"	30 mm
	V13-157-10	10 cm / 3 7/8"	45 mm
	V13-157-11	11,5 cm / 4 4/8"	60 mm

**Bulldog Clamps**  
 Bulldogklemmen  
 Clamps Bulldog  
 Clamps Bulldog  
 Pinze Bulldog

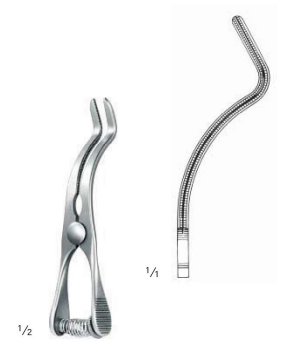


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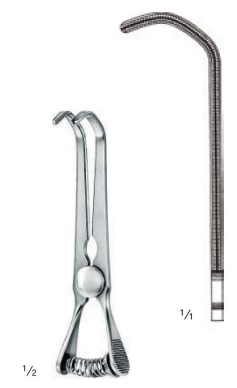
Atrauma



De Bakey-Satinsky  
**V13-158-07**  
 7 cm / 2 5/8"  
 27 mm



De Bakey-Satinsky  
**V13-159-09**  
 9 cm / 3 1/8"  
 51 mm



De Bakey-Satinsky  
**V13-160-10**  
 10 cm / 3 7/8"  
 60 mm



Glover  
**V13-161-06**  
 6,5 cm / 2 1/2"  
 16 mm



Santulli  
**V13-162-07**  
 7 cm / 2 5/8"  
 26 mm

**Bulldog Clamps**  
 Bulldogklemmen  
 Clamps Bulldog  
 Clamps Bulldog  
 Pinze Bulldog



13

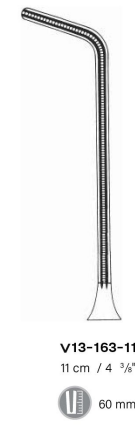
Atrauma



Gregory soft  
**V13-163-09**  
**V13-163-11**  
 Carotis-Bulldogklemme  
 Carotid clamp  
 Clamp para carotis  
 Pince pour carotide  
 Pinza carotis



**V13-163-09**  
 9 cm / 3 1/4"  
 40 mm



**V13-163-11**  
 11 cm / 4 3/8"  
 60 mm



Gregory  
**V13-164-11**  
**V13-165-11**  
 Carotis-Bulldogklemme  
 Carotid clamp  
 Clamp para carotis  
 Pince pour carotide  
 Pinza carotis



**V13-164-11**  
 11 cm / 4 3/8"  
 60 mm



**V13-165-11**  
 11 cm / 4 3/8"  
 60 mm

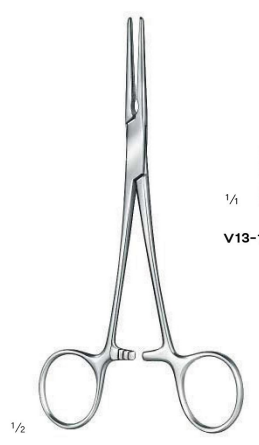


**Aortic Clamps**  
 Aortaklemmen  
 Pinzas aórticas  
 Pincés-clamps pour aorte  
 Pinze per aorta



13

Atrauma



1/2

De Bakey-Rankin  
**V13-166-11**  
**V13-167-16**  
 16 cm / 6 3/8"



1/4

**V13-166-16**



**V13-167-16**



1/2

De Bakey-Mosquito  
**V13-168-15**  
**V13-169-15**  
 15 cm / 5 7/8"



1/4

**V13-168-15**



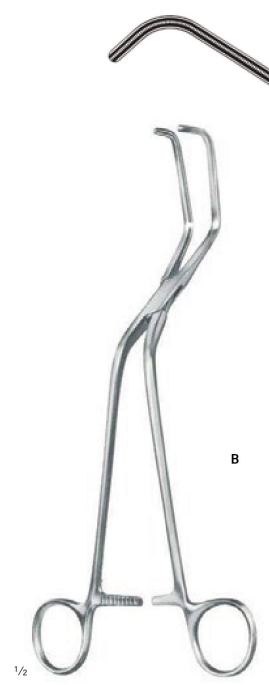
**V13-169-15**

**Aortic Clamps**  
 Aortaklemmen  
 Pinzas aórticas  
 Pincés-clamps pour aorte  
 Pinze per aorta



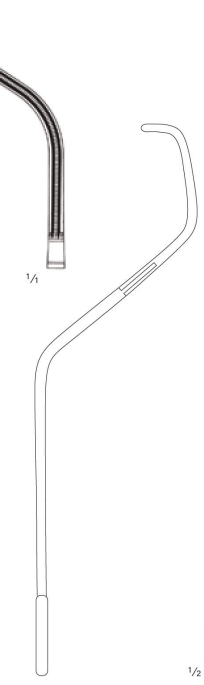
13

Atrauma



1/2

Ochsner  
**V13-170-22**  
 22 cm / 8 5/8"



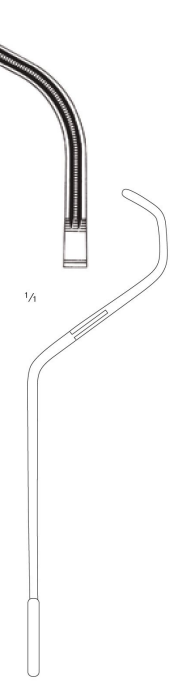
1/4

B



1/2

Diethrich  
**V13-171-21**  
 21 cm / 8 1/4"



1/4

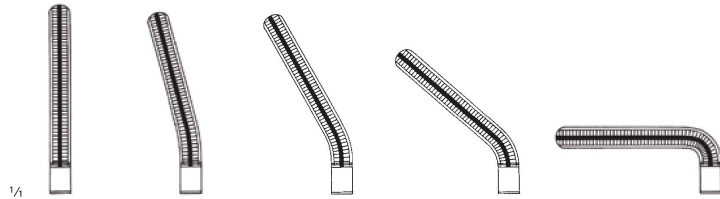


**Multi purpose Vascular Clamps**  
 Mehrzweck-Gefäßklemmen  
 Pinzas vasculares de usos múltiples  
 Pinces vasculaires universelles  
 Pinze vascolari universali



13

**Atrauma**



**V13-172-00** 16 cm / 6 <sup>3</sup>/<sub>8</sub>"  
**V13-172-15** 15,5 cm / 6 <sup>1</sup>/<sub>8</sub>"  
**V13-172-30** 15,5 cm / 6 <sup>1</sup>/<sub>8</sub>"  
**V13-172-45** 15 cm / 5 <sup>7</sup>/<sub>8</sub>"  
**V13-172-90** 13,5 cm / 5 <sup>3</sup>/<sub>8</sub>"



**V13-173-00** 17 cm / 6 <sup>9</sup>/<sub>8</sub>"  
**V13-173-15** 16,5 cm / 6 <sup>5</sup>/<sub>8</sub>"  
**V13-173-30** 16 cm / 6 <sup>3</sup>/<sub>8</sub>"  
**V13-173-45** 16 cm / 6 <sup>3</sup>/<sub>8</sub>"  
**V13-173-90** 14 cm / 5 <sup>5</sup>/<sub>8</sub>"



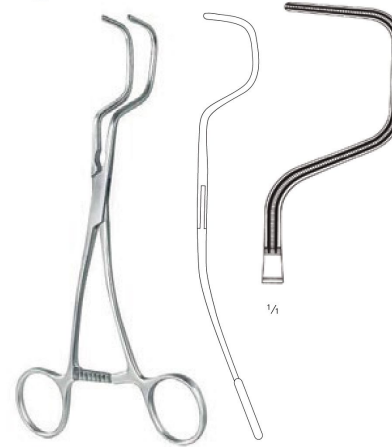
**Dardik**  
**V13-172-00**  
**V13-173-90**

**Peripheral Vascular Clamps**  
 Peripheral-Gefäßklemmen  
 Pinzas para vasos periféricos  
 Pinces-clamps vasculaires périphériques  
 Pinze vascolari periferali



13

**Atrauma**



**Dale**  
**V13-174-18**  
 18 cm / 7 <sup>1</sup>/<sub>8</sub>"



**Dale**  
**V13-175-17**  
**V13-175-19**



**V13-175-17** 17,5 cm / 6 <sup>7</sup>/<sub>8</sub>"  
**V13-175-18** 18 cm / 7 <sup>1</sup>/<sub>8</sub>"  
**V13-175-19** 18,5 cm / 7 <sup>3</sup>/<sub>8</sub>"



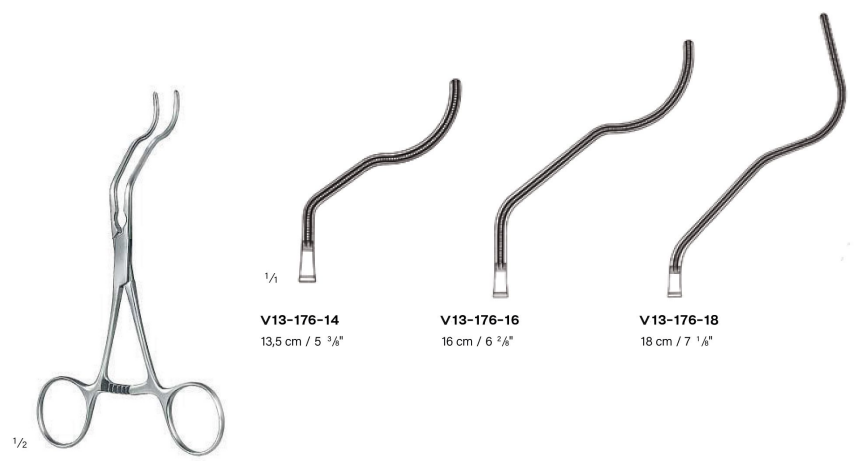


**Profunda Clamps**  
 Profundaklemmen  
 Pinzas para la profunda  
 Pinces fémorale  
 Pinze profunda



13

Atrauma



**V13-176-14**  
13,5 cm / 5 3/8"

**V13-176-16**  
16 cm / 6 2/8"

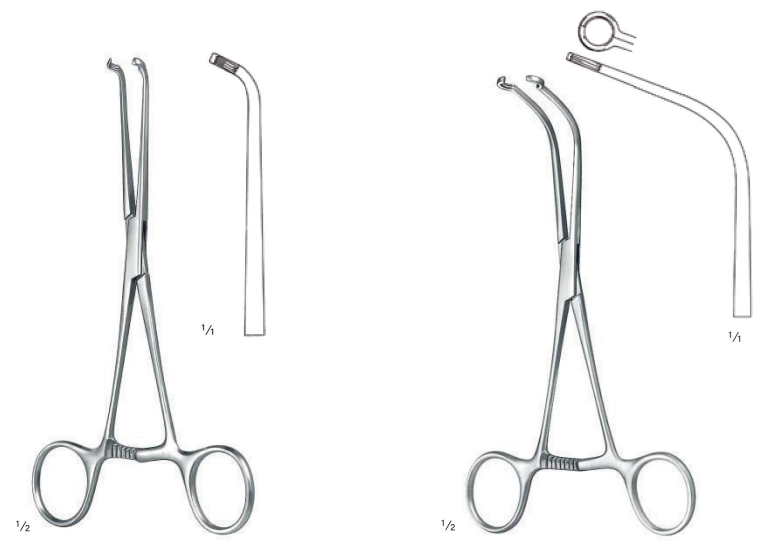
**V13-176-18**  
18 cm / 7 1/8"

Gregory  
**V13-176-14**  
**V13-176-18**

**Carotid Shunt Clamps**  
 Carotis-Shuntklemmen  
 Pinzas para shunt carótido  
 Pinces pour carotide  
 Pinze carotis



13



Javid  
**V13-177-17**  
 17,5 cm / 6 7/8"

Javid  
**V13-178-18**  
 18,5 cm / 7 3/8"



**Peripheral Vascular Clamps**  
 Periphera-Gefäßklemmen  
 Pinzas para vasos periféricos  
 Pincas-clamps vasculaires périphériques  
 Pinze vascolari periferali



13

Atrauma



1/2

Martin  
 V13-179-16  
 V13-179-18

1/4

V13-179-16  
 16 cm / 6 5/8"

1/4

V13-179-18  
 18 cm / 7 1/8"



1/2

Martin  
 V13-180-17  
 V13-180-19

1/4

V13-180-17  
 17 cm / 6 5/8"

1/4

V13-180-19  
 19.5 cm / 7 5/8"

**Aortic Clamps**  
 Aortaklemmen  
 Pinzas aórticas  
 Pincas-clamps pour aorte  
 Pinze per aorta



13

Atrauma



1/2

Wylie  
 V13-181-24  
 24 cm / 9 1/2"



1/4



1/2

Wylie  
 V13-182-27  
 27 cm / 10 5/8"



1/4



**Aortic Clamps**  
 Aortaklemmen  
 Pinzas aórticas  
 Pincés-clamps pour aorte  
 Pinze per aorta



13

Atrauma



De Bakey  
**V13-183-30**  
 30 cm / 11 5/8"

**Peripheral Vascular Clamps**  
 Peripheral-Gefäßklemmen  
 Pinzas para vasos periféricos  
 Pincés-clamps vasculaires périphériques  
 Pinze vascolari periferali



13

Atrauma



Husfeldt  
**V13-184-16**  
 16,5 cm / 6 5/8"

Husfeldt  
**V13-185-18**  
 18 cm / 7 1/8"

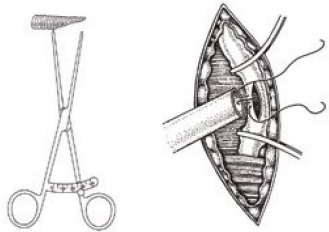
Husfeldt  
**V13-186-17**  
 17 cm / 6 3/4"



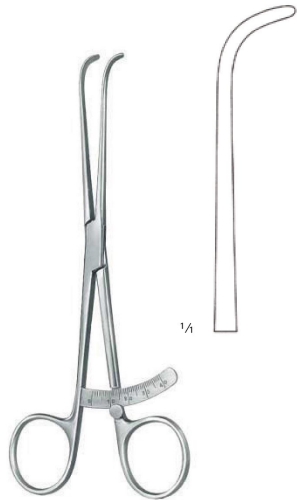
Vascular Measuring Device, Peripheral Vascular Clamps  
 Gefäß-Messzirkel, Peripherel-Gefäßklemmen  
 Compas para medir vasos, Pinzas para vasos periféricos  
 Compas pour mesurer la longueur des vaisseaux,  
 Pinces-clamps vasculaires périphériques  
 Pinza vascolare compasso, Pinze vascolari periferali



13



Atrauma



Martin  
**V13-187-18**  
 18 cm / 7 1/8"  
 Gefäß-Messzirkel  
 Vascular Measuring Device  
 Compas para medir vasos  
 Compas pour mesurer la longueur des vaisseaux  
 Pinza vascolare compasso



Henly  
**V13-188-20**  
 20 cm / 7 7/8"

Catheter Clamps  
 Katheterklemmen  
 Pinzas para catéteres  
 Pinces pour sondes  
 Pinze per cateteri

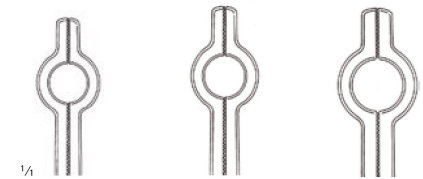


13

Atrauma



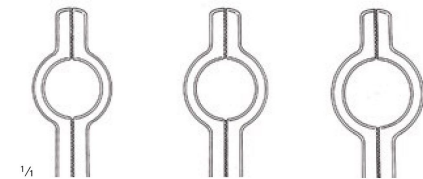
Cooley  
**V13-189-00**  
**V13-189-07**



**V13-189-00**  
 17 cm / 6 5/8"  
 20 Charr.

**V13-189-01**  
 17 cm / 6 5/8"  
 24 Charr.

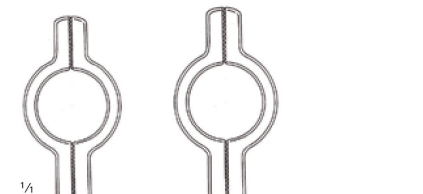
**V13-189-02**  
 20 cm / 7 7/8"  
 28 Charr.



**V13-189-03**  
 20 cm / 7 7/8"  
 30 Charr.

**V13-189-04**  
 20 cm / 7 7/8"  
 32 Charr.

**V13-189-05**  
 20 cm / 7 7/8"  
 36 Charr.



**V13-189-06**  
 20 cm / 7 7/8"  
 38 Charr.

**V13-189-07**  
 20 cm / 7 7/8"  
 40 Charr.

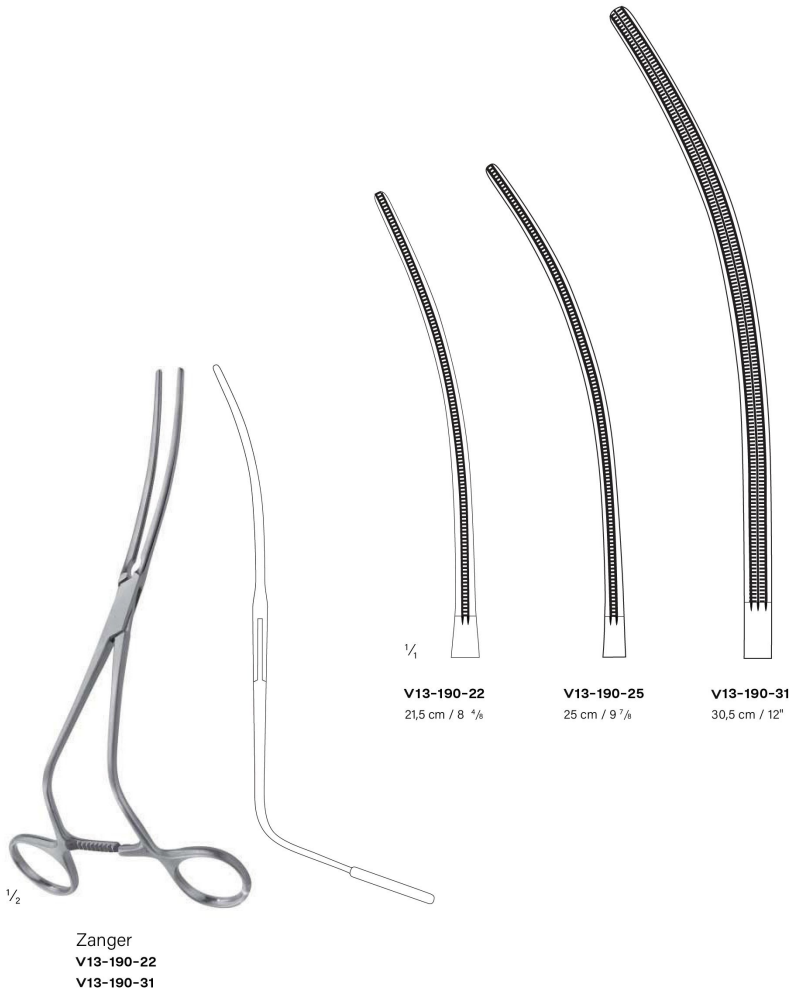


**Abdominal Aortic Clamps**  
 Abdominale Aortaklemmen  
 Pinzas aórticas abdominales  
 Pincés-clamps pour aorte abdominaux  
 Pinze per aorta addominali



13

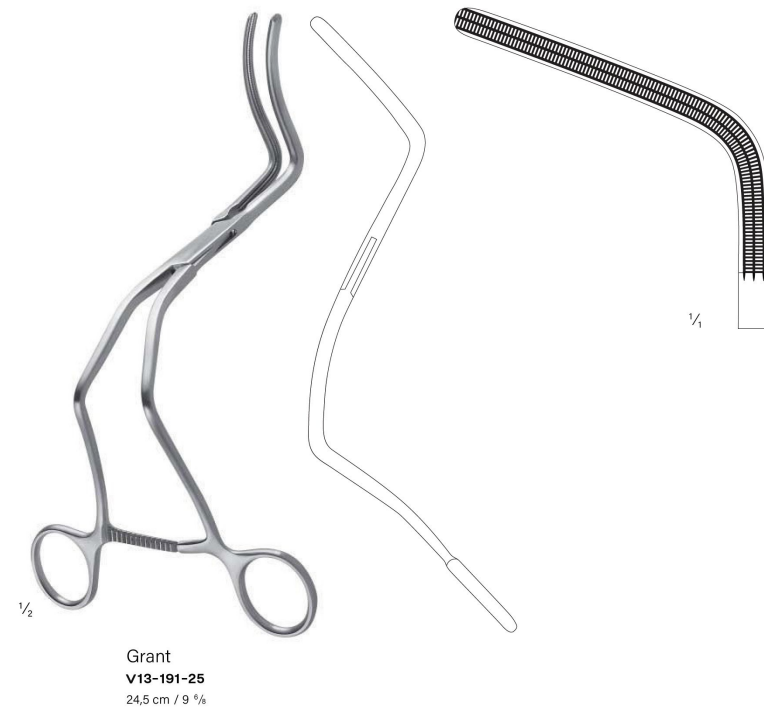
Atrauma



**Abdominal Aortic Clamps**  
 Abdominale Aortaklemmen  
 Pinzas aórticas abdominales  
 Pincés-clamps pour aorte abdominaux  
 Pinze per aorta addominali



13



**Abdominal Aortic Clamps**  
 Abdominale Aortaklemmen  
 Pinzas aórticas abdominales  
 Pincés-clamps pour aorte abdominaux  
 Pinze per aorta addominali



13

Atrauma



**Abdominal Aortic Clamps**  
 Abdominale Aortaklemmen  
 Pinzas aórticas abdominales  
 Pincés-clamps pour aorte abdominaux  
 Pinze per aorta addominali



13

Atrauma

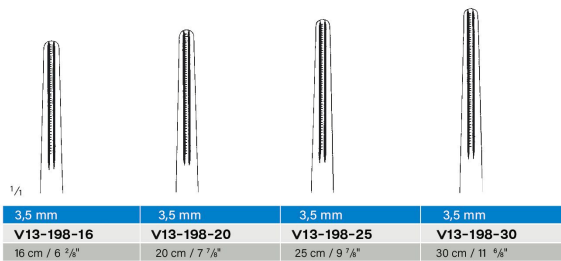
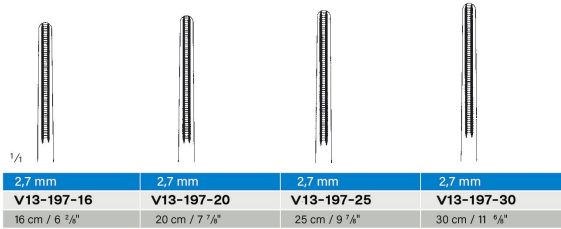
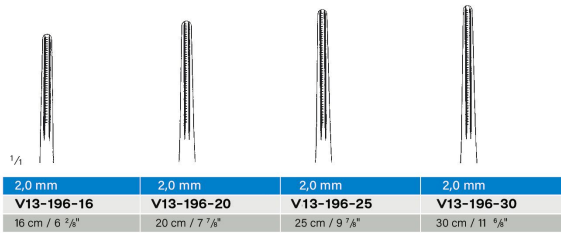
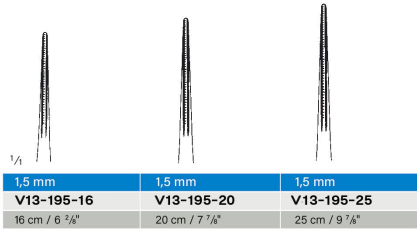


**Vascular Forceps**  
Gefäßpinzetten  
Pinzas de disección vascular  
Pinces à dissection vasculaires  
Pinze per dissezione vascolari



13

Atrauma



De Bakey  
**V13-195-19**  
**V13-198-30**

**Vascular Forceps, Bulldog Clamps**  
Gefäßpinzetten, Bulldogklemmen  
Pinzas de disección vascular, Clamps Bulldog  
Pinces à dissection vasculaires, Clamps Bulldog  
Pinze per dissezione vascolari, Pinze Bulldog

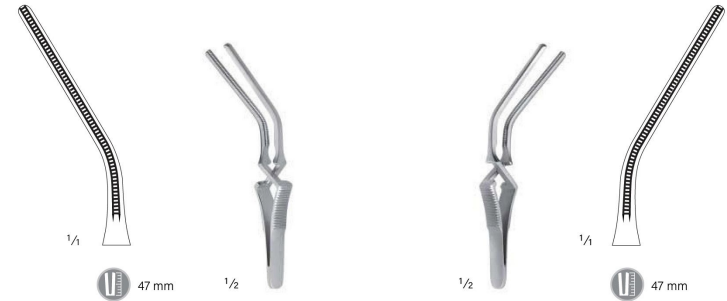
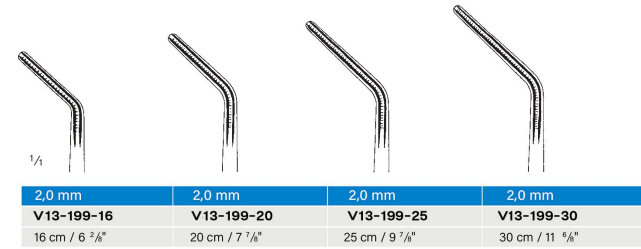


13

Atrauma



De Bakey  
**V13-199-16**  
**V13-199-30**



**Bulldog Clamps**  
 Bulldogklemmen  
 Clamps Bulldog  
 Clamps Bulldog  
 Pinze Bulldog



13

Atrauma



Glover  
**V13-201-07**  
**V13-201-11**



St	V13-201-07	V13-201-08	V13-201-09	V13-201-11
	7 cm / 2 5/8"	8 cm / 3 1/8"	9,5 cm / 3 5/8"	11 cm / 4 3/8"
	30 mm	40 mm	50 mm	70 mm



Glover  
**V13-202-06**  
**V13-202-11**



St	V13-202-06	V13-202-07	V13-202-09	V13-202-10
	6,5 cm / 2 5/8"	7,5 cm / 3"	9,0 cm / 3 5/8"	10,5 cm / 4"
	25 mm	35 mm	45 mm	65 mm

**V13-203-24**  
 24 cm / 9 5/8"  
 Anlegezange für Bulldogklemmen  
 Applying Forceps for Bulldog clamps  
 Pinza aplicadora para clamps bulldog  
 Pinze pour poser les clamps Bulldog  
 Pinza per posizionare le pinze Bulldog



13

**Coarctation Clamps**  
 Coarctationsklemmen  
 Pinzas para coarctación  
 Pinces-clamps pour coarctation  
 Pinze per coarctazione

Atrauma



Potts  
**V13-204-21**  
**V13-204-22**



**V13-204-22**  
 22,5 cm / 8 7/8"



Potts  
**V13-205-21**  
**V13-205-22**



**V13-205-21**  
 20,5 cm / 8 1/4"



**V13-205-22**  
 22 cm / 8 5/8"





**Coarctation Clamps**  
 Coarctationsklemmen  
 Pinzas para coarctación  
 Pincès-clamps pour coarctation  
 Pinze per coarctazione



13

Atrauma



Potts  
 V13-206-21  
 V13-206-22

V13-206-21  
 20,5 cm / 8"

V13-206-22  
 22 cm / 8 5/8"

**Anastomosis Clamps, Ligature Forceps**  
 Anastomosenklemmen, Ligaturklemmen  
 Pinzas para anastomosis, Pinzas para ligaduras  
 Pincès-clamps à anastomose, Pincès à ligature  
 Pinze per anastomosi, Pinze per legature



13

Atrauma



Potts  
 V13-207-21  
 V13-207-22

De Bakey  
 V13-208-19  
 V13-208-24

V13-207-21  
 21,5 cm / 8 1/2"

V13-207-22  
 22 cm / 8 5/8"

V13-208-19  
 19 cm / 7 1/2"

V13-208-24  
 24 cm / 9 1/2"



**Peripheral Vascular Clamps**  
 Peripheral-Gefäßklemmen  
 Pinzas para vasos periféricos  
 Pincès-clamps vasculaires périphériques  
 Pinze vascolari periferali

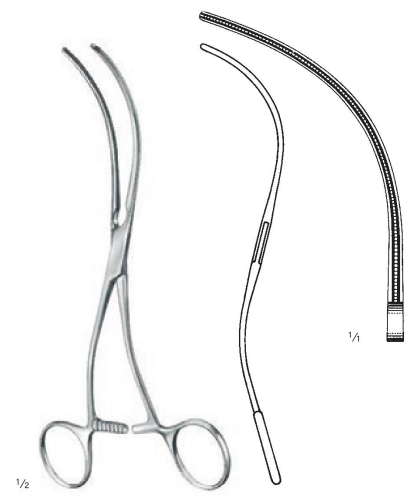


13

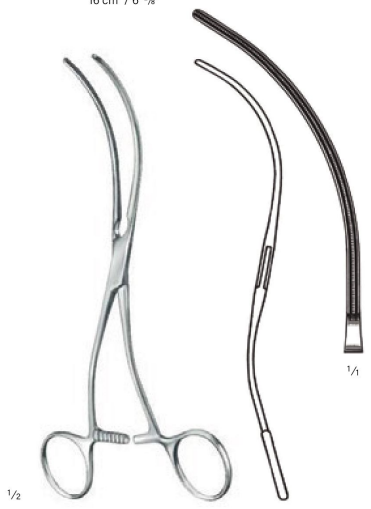
**Atrauma**



De Bakey  
**V13-209-16**  
 16 cm / 6 3/8"



De Bakey  
**V13-210-19**  
 19 cm / 7 5/8"



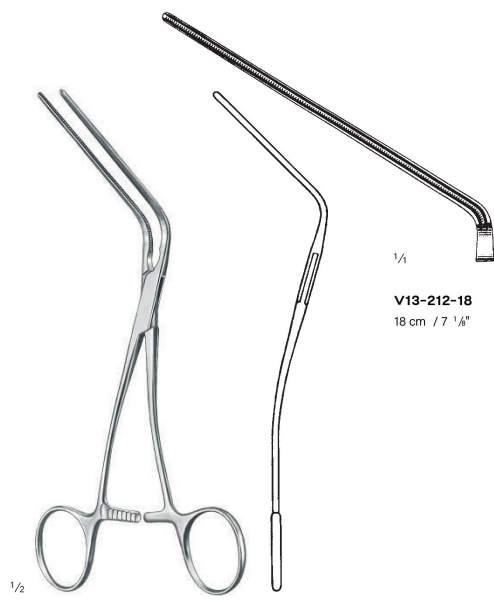
De Bakey  
**V13-211-20**  
 20 cm / 7 7/8"

**Peripheral Vascular Clamps**  
 Peripheral-Gefäßklemmen  
 Pinzas para vasos periféricos  
 Pincès-clamps vasculaires périphériques  
 Pinze vascolari periferali



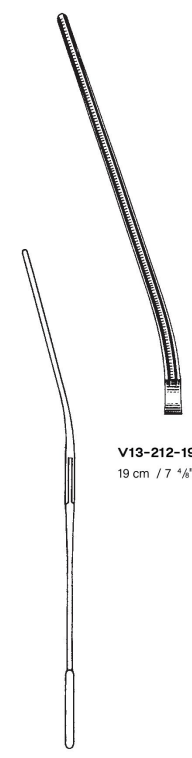
13

**Atrauma**



Leland-Jones  
**V13-212-18**  
**V13-212-20**

**V13-212-18**  
 18 cm / 7 1/8"



**V13-212-19**  
 19 cm / 7 5/8"



**V13-212-20**  
 20 cm / 7 7/8"



**Multi purpose Vascular Clamps**  
 Mehrzweck-Gefäßklemmen  
 Pinzas vasculares de usos múltiples  
 Pincès vasculaires universelles  
 Pinze vascolari universali



13

**Atrauma**



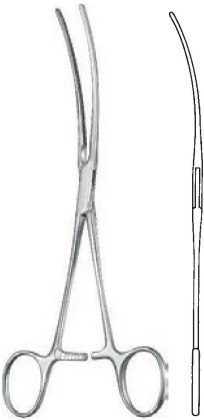
Bainbridge  
**V13-213-15**  
**V13-213-18**



**V13-213-15**  
 15 cm / 5 7/8"



**V13-213-18**  
 18,5 cm / 7 3/8"



Bainbridge  
**V13-214-15**  
**V13-214-18**



**V13-214-15**  
 15 cm / 5 7/8"



**V13-214-18**  
 18,5 cm / 7 3/8"



De Bakey  
**V13-215-20**  
 20 cm / 7 7/8"

**Aortic Clamps**  
 Aortaklemmen  
 Pinzas aórticas  
 Pincès-clamps pour aorte  
 Pinze per aorta



13

**Atrauma**



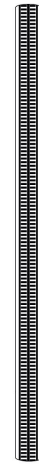
Kowalski  
**V13-216-26**  
**V13-216-28**



**V13-216-26**  
 26 cm / 10 2/8"  
 50 mm



**V13-216-27**  
 27 cm / 10 5/8"  
 65 mm



**V13-216-28**  
 28 cm / 11"  
 90 mm



**Aortic Aneurysm Clamps**  
 Aorta-Aneurysmaklemmen  
 Pinzas para aneurisma de aórtica  
 Pincers-clamps pour anévrisme de l'aorte  
 Pinze per aneurisma della aorta

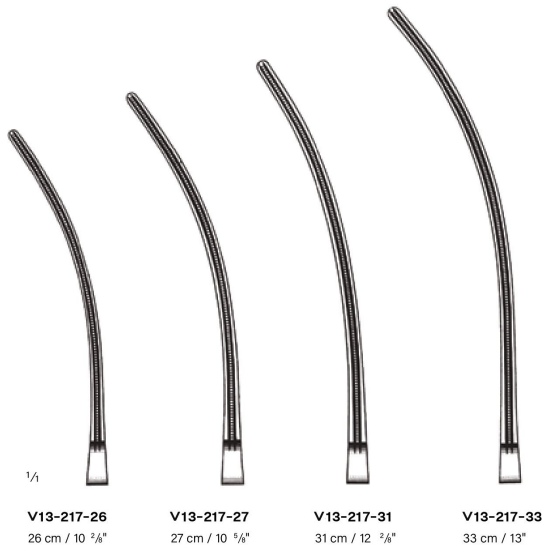


13

Atrauma



De Bakery  
 V13-217-26  
 V13-217-33



$\frac{1}{4}$   
**V13-217-26** 26 cm / 10  $\frac{2}{8}$ "  
**V13-217-27** 27 cm / 10  $\frac{5}{8}$ "  
**V13-217-31** 31 cm / 12  $\frac{2}{8}$ "  
**V13-217-33** 33 cm / 13"

**Aneurysm Clamps**  
 Aneurysmaklemmen  
 Pinzas para aneurisma  
 Pincers-clamps pour anévrisme  
 Pinze per aneurisma



13

Atrauma



De Bakery  
 V13-218-28  
 28 cm / 11"

De Bakery  
 V13-219-30  
 30 cm / 11  $\frac{5}{8}$ "

**Aneurysm Clamps**  
 Aneurysmklemmen  
 Pinzas para aneurisma  
 Pincers-clamps pour anévrisme  
 Pinze per aneurisma



13

Atrauma



Cooley  
**V13-220-25**  
 25 cm / 9 7/8"

De Bakay  
**V13-221-27**  
 27 cm / 10 5/8"

**Ligature Forceps, Aortic Clamps**  
 Ligaturklemmen, Aortaklemmen  
 Pinzas para ligaduras, Pinzas aórticas  
 Pincers à ligatures, Pincers-clamps pour aorte  
 Pinze per legature, Pinze per aorta



13

Atrauma



De Bakay  
**V13-222-24**  
 24,5 cm / 9 1/2"

De Bakay  
**V13-223-24**  
 24,5 cm / 9 1/2"

De Bakay  
**V13-224-27**  
**V13-225-27**  
 27 cm / 10 5/8"

**Aortic Clamps**  
 Aortaklemmen  
 Pinzas aórticas  
 Pincès-clamps pour aorte  
 Pinze per aorta



13

**Atrauma**



**Weber**  
**V13-226-24**  
 24 cm / 9"



**Weber**  
**V13-227-24**  
 24 cm / 9 1/2"

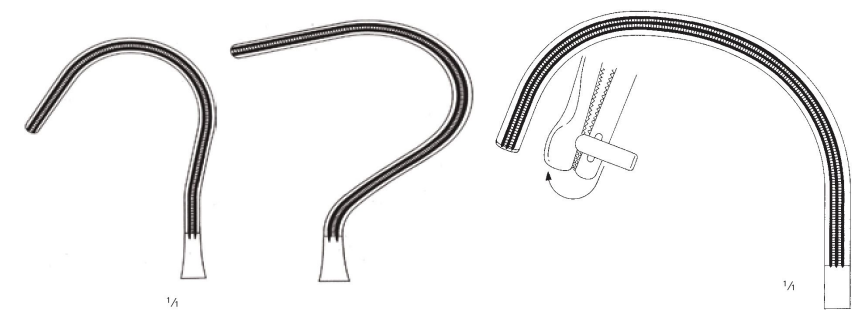
71

**Aortic Clamps, Anastomosis Clamps, Vena Cava Clamps**  
 Aorta-, Anastomosen-, Vena-Cava-Klemmen  
 Pinzas aórticas, Pinzas para anastomosis, Pinzas para vena cav  
 Pincès-clamps pour aorte, Pincès-clamps pour anastomos,  
 Pinzas pour vena cava  
 Pinze per aorta, Pinze per anastomosi, Pinze per vena cava



13

**Atrauma**



**V13-228-22**  
 22,5 cm / 8 7/8"

**V13-228-23**  
 23 cm / 9"



**Wylie**  
**V13-228-22**  
**V13-228-23**



**Calne**  
**V13-229-27**  
 27 cm / 10 5/8"



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**Liver Forceps**  
 Leberklemmen  
 Pinzas para hígado  
 Pinces pour le foie  
 Pinze per il fegato



13

**Atrauma**



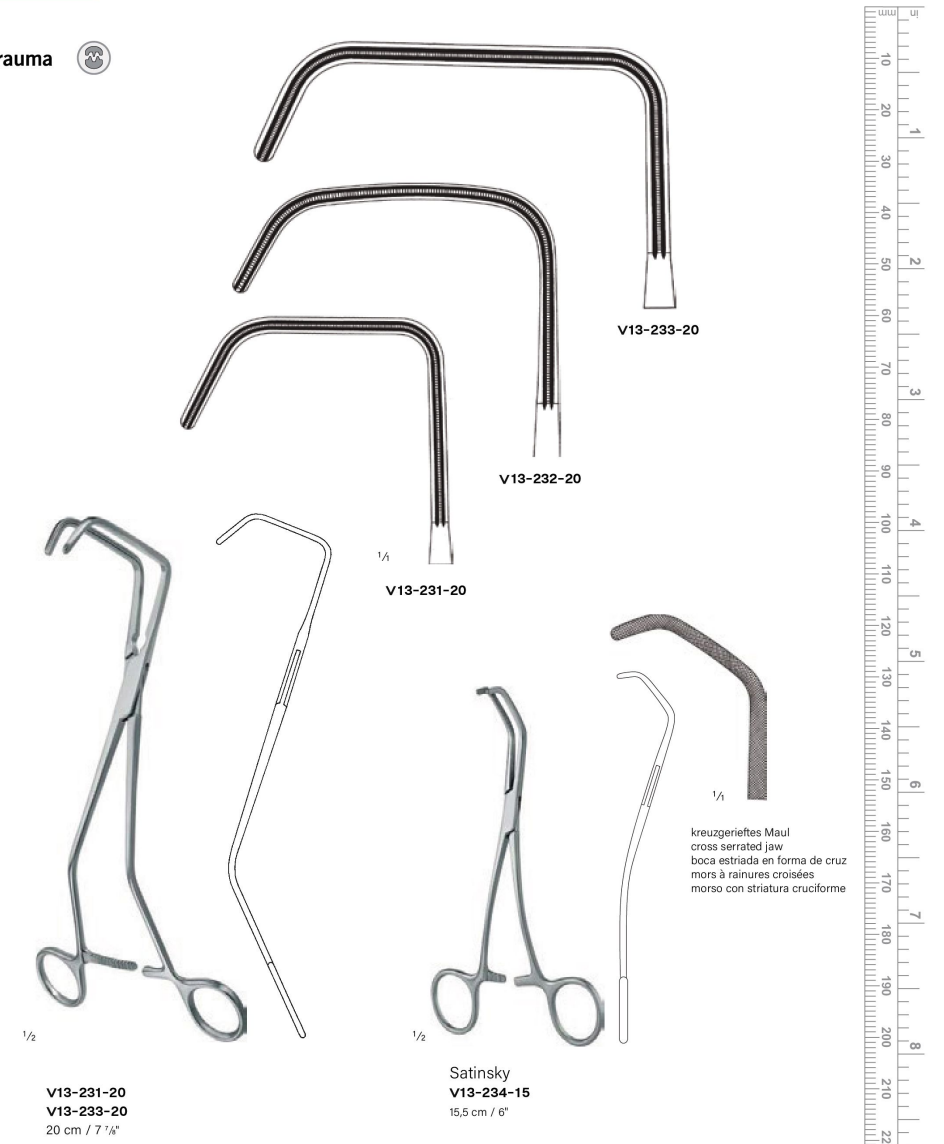
73

**Forceps for kidney and pancreas**  
 Nieren- und Pankreas-Klemmen  
 Pinzas para riñón y páncreas  
 Pinces pour le rein et pancréas  
 Pinze per il rene e pancreas



13

**Atrauma**



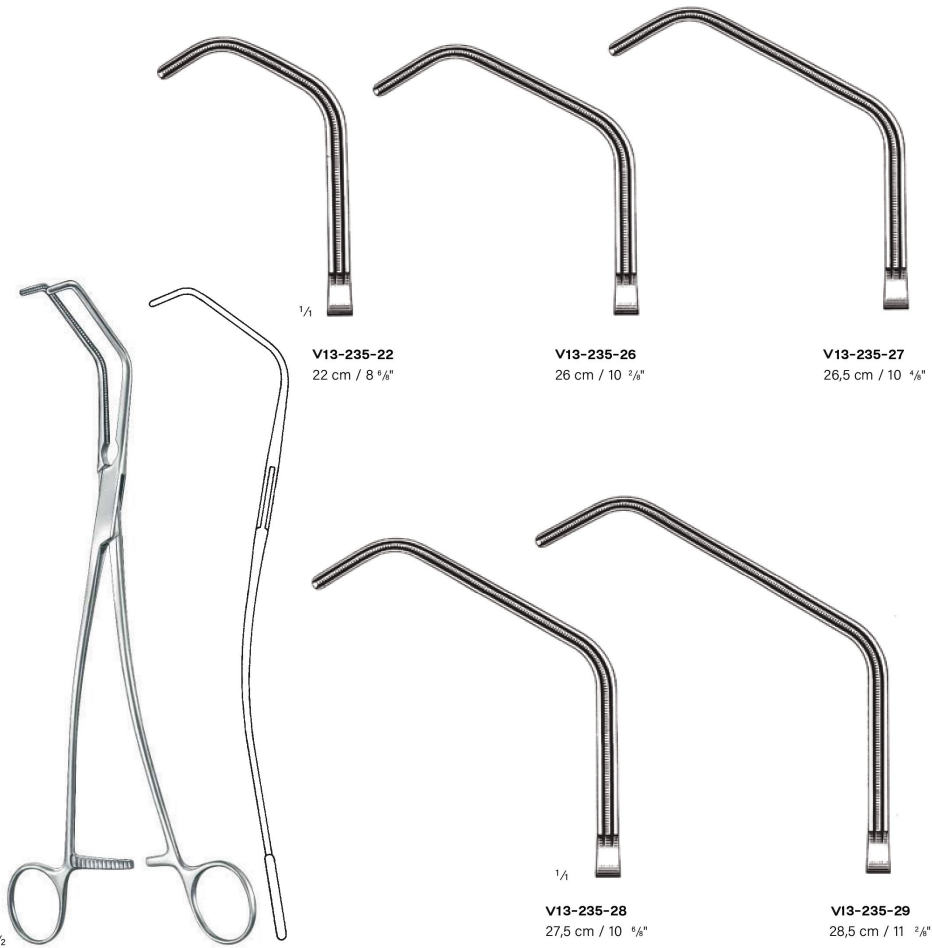
74

**Tangential Occlusion Clamps**  
 Tangentialklemmen  
 Pinzas para oclusión tangencial  
 Pinces-clamps pour occlusion tangentielle  
 Pinze per occlusione tangenziale



13

Atrauma



V13-235-22  
22 cm / 8 5/8"

V13-235-26  
26 cm / 10 1/4"

V13-235-27  
26,5 cm / 10 3/8"

V13-235-28  
27,5 cm / 10 7/8"

V13-235-29  
28,5 cm / 11 1/4"

1/2  
 Satinsky  
 V13-235-22  
 V13-235-29

**Auricle Clamps**  
 Aurikkelklemmen  
 Pinzas para auricula  
 Pinces auriculaires  
 Pinze ventricolari



13

Atrauma



V13-236-01  
24,5 cm / 9 5/8"

V13-236-02  
24 cm / 9 4/8"

V13-236-03  
23 cm / 9"

V13-236-04  
23,5 cm / 9 1/4"

1/2  
 Harken  
 V13-236-01  
 V13-236-04





**Bronchusklemmen**  
Bronchus Clamps  
Pinzas bronquiales  
Pinces-clamps à bronches  
Pinze per bronchi



13

Atrauma



Lees  
V13-237-23  
V13-237-25

Lees  
V13-238-26  
26 cm / 10 3/4"

77

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



13

Atrauma



Glover  
V13-239-18  
V13-239-22

V13-239-18  
18 cm / 7 1/8"

V13-239-22  
22 cm / 8 5/8"



78

**Aortic Clamps, Anastomosis Clamps**  
 Aortaklemmen, Anastomosenklemmen  
 Pinzas aórticas, Pinzas para anastomosis  
 Pincés-clamps pour aorte, Pincés-clamps  
 pour anastomose  
 Pinze per aorta, Pinze per anastomosi



13

**Atrauma**



Lambert-Kay  
**V13-240-22**  
**V13-240-21**



De Bakey  
**V13-241-16**  
 16,5 cm / 6 1/2"

**Aortic Clamps**  
 Aortaklemmen  
 Pinzas aórticas  
 Pincés-clamps pour aorte  
 Pinze per aorta



13

**Atrauma**



**Aneurysm Clamps**  
 Aneurysmklemmen  
 Pinzas para aneurisma  
 Pincers-clamps pour anévrisme  
 Pinze per aneurisma

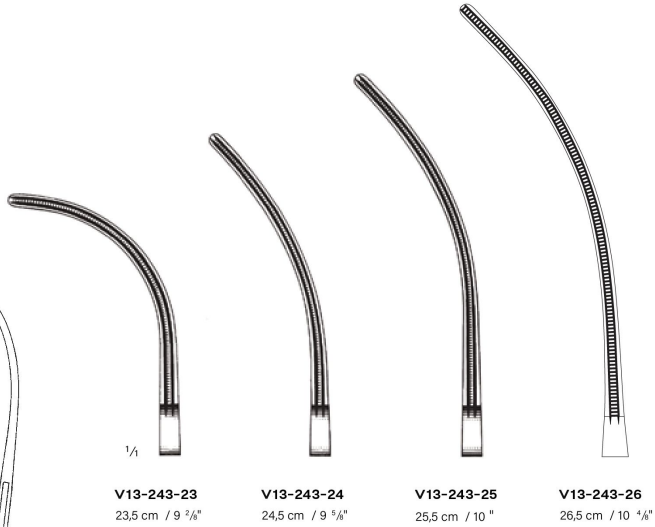


13

Atrauma



De Bakey-Bahson  
 V13-243-23  
 V13-243-26



V13-243-23 23,5 cm / 9 3/8"  
 V13-243-24 24,5 cm / 9 5/8"  
 V13-243-25 25,5 cm / 10"  
 V13-243-26 26,5 cm / 10 5/8"

81

**Multi purpose Vascular Clamps**  
 Mehrzweck-Gefäßklemmen  
 Pinzas vasculares de usos múltiples  
 Pincers vasculaires universelles  
 Pinze vascolari universali



13

Atrauma



Potts  
 V13-244-21  
 V13-244-31



V13-244-21 21,5 cm / 8 5/8"  
 V13-244-23 23,5 cm / 9 3/8"  
 V13-244-27 27 cm / 10 5/8"  
 V13-244-31 31,5 cm / 12 3/8"



Potts  
 V13-245-21  
 V13-245-31



V13-245-21 21 cm / 8 3/8"  
 V13-245-23 23 cm / 9"  
 V13-245-26 26 cm / 10 3/8"  
 V13-245-31 31 cm / 12 3/8"



82

**Multi purpose Vascular Clamps**  
 Mehrzweck-Gefäßklemmen  
 Pinzas vasculares de usos múltiples  
 Pinces vasculaires universelles  
 Pinze vascolari universali



13

Atrauma



V13-246-27  
 27,5 cm / 10 9/16"



V13-246-23  
 23 cm / 9"



V13-246-20  
 20 cm / 7 7/8"



V13-246-19  
 19 cm / 7 5/8"



1/2

De Bakey  
 V13-246-19  
 V13-246-27

**Multi purpose Vascular Clamps**  
 Mehrzweck-Gefäßklemmen  
 Pinzas vasculares de usos múltiples  
 Pinces vasculaires universelles  
 Pinze vascolari universali



13

Atrauma



1/4

V13-247-18  
 18 cm / 7 1/8"

V13-247-21  
 21 cm / 8 3/8"

V13-247-22  
 22 cm / 8 5/8"

V13-247-26  
 26 cm / 10 3/8"

V13-247-31  
 31,5 cm / 12 3/8"



1/2

De Bakey  
 V13-247-18  
 V13-247-31

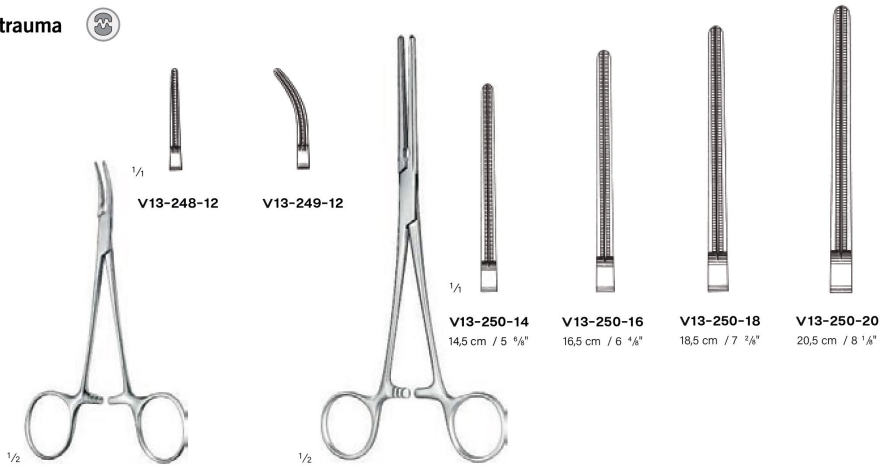


**Haemostatic Forceps**  
Arterienklemmen  
Pinzas hemostáticas  
Pinces hémostatiques  
Pinze emostatiche



13

**Atrauma**



De Bakay-Mosquito  
V13-248-12  
V13-249-12  
12,5 cm / 4 7/8"

De Bakay-Pean  
V13-250-14  
V13-250-20

V13-250-14 14,5 cm / 5 9/16"  
V13-250-16 16,5 cm / 6 5/16"  
V13-250-18 18,5 cm / 7 3/16"  
V13-250-20 20,5 cm / 8 1/16"



De Bakay-Pean  
V13-251-14  
V13-251-20



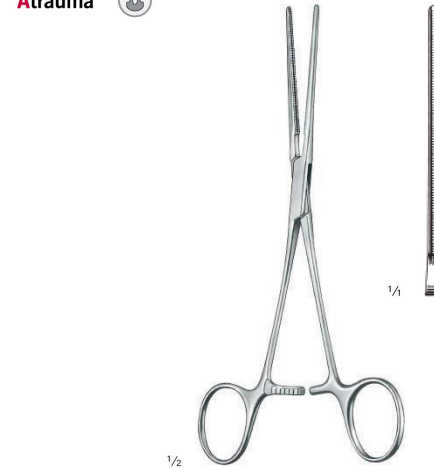
V13-251-14 14,5 cm / 5 9/16"  
V13-251-16 16,5 cm / 6 5/16"  
V13-251-18 18,5 cm / 7 3/16"  
V13-251-20 20 cm / 7 7/16"

**Multi purpose Vascular Clamps**  
Mehrzweck-Gefäßklemmen  
Pinzas vasculares de usos múltiples  
Pinces vasculaires universelles  
Pinze vascolari universali

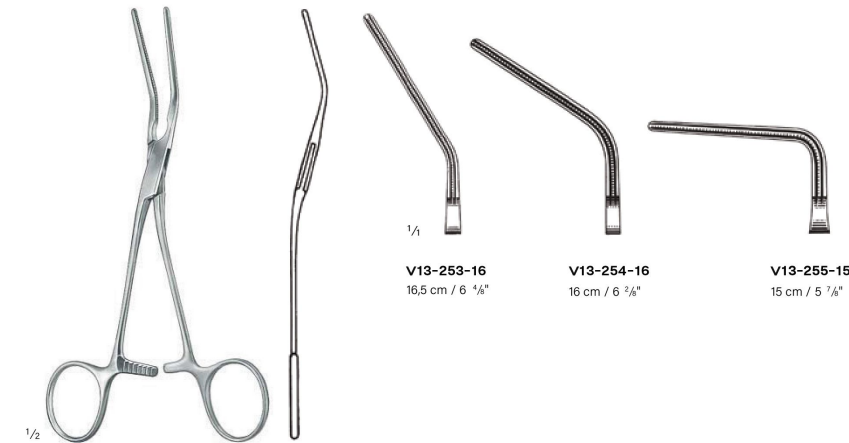


13

**Atrauma**



De Bakay  
V13-252-17  
17,5 cm / 6 7/16"



De Bakay  
V13-253-16  
V13-255-15

V13-253-16 16,5 cm / 6 5/16"  
V13-254-16 16 cm / 6 3/16"  
V13-255-15 15 cm / 5 7/8"



**Multi purpose Vascular Clamps**  
 Mehrzweck-Gefäßklemmen  
 Pinzas vasculares de usos múltiples  
 Pinces vasculaires universelles  
 Pinze vascolari universali



13

**Atrauma**



De Bakey  
**V13-256-16**  
 16,5 cm / 6 5/8"



Glover  
**V13-257-17**  
 17 cm / 6 5/8"



Glover  
**V13-258-17**  
**V13-258-26**



**V13-258-17**  
 17,5 cm / 6 7/8"



**V13-258-21**  
 21 cm / 8 2/8"



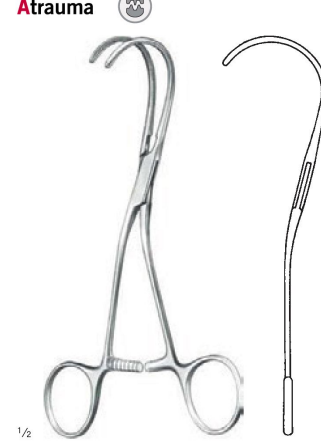
**V13-258-26**  
 26 cm / 10 2/8"

**Anastomosis Clamps**  
 Anastomosenklemmen  
 Pinzas para anastomosis  
 Pinces pour anastomose  
 Pinze per anastomosi



13

**Atrauma**



De Bakey  
**V13-259-16**  
**V13-260-16**  
 16,5 cm / 6 5/8"



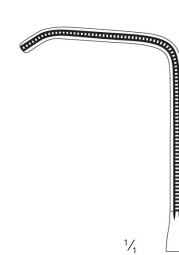
**V13-259-16**



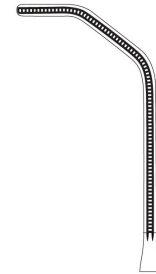
**V13-260-16**



De Bakey-Reynolds  
**V13-261-16**  
**V13-261-17**



**V13-261-16**  
 16,5 cm / 6 5/8"



**V13-261-17**  
 17,5 cm / 6 5/8"



**Anastomosis Clamps**  
Anastomosenklemmen  
Pinzas para anastomosis  
Pinces pour anastomose  
Pinze per anastomosi

Atrauma



1/2

Derra  
V13-262-16  
V13-262-18



1/4

Fig. 1  
V13-262-16  
16,5 cm / 6 5/8"



Fig. 2  
V13-262-17  
17 cm / 6 5/8"

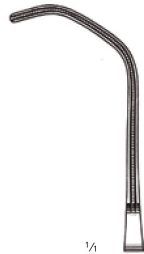


Fig. 3  
V13-262-18  
17,5 cm / 6 5/8"



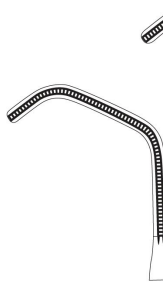
1/2

De Bakley-Beck  
V13-263-17  
V13-263-21

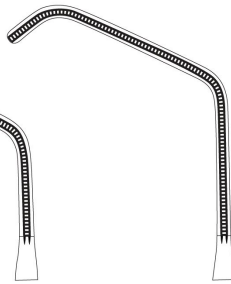


1/4

V13-263-17  
17 cm / 6 5/8"



V13-263-19  
19 cm / 7 5/8"



V13-263-21  
21 cm / 8 1/8"

**Pediatric Vascular Clamps**  
Kinder-Gefäßklemmen  
Pinzas vasculares pediátricas  
Pinces vasculaires pédiatriques  
Pinze vascolari pediatriche

Atrauma



1/2

De Bakley  
V13-264-10  
V13-266-13



1/4

V13-264-10  
10 cm / 3 7/8"



V13-265-13  
13 cm / 5 1/8"



V13-266-13  
13 cm / 5 1/8"



1/2

De Bakley  
V13-267-12  
V13-268-12  
12,5 cm / 4 7/8"



1/4

V13-267-12



V13-268-12



**Pediatric Vascular Clamps**  
 Kinder-Gefäßklemmen  
 Pinzas vasculares pediátricas  
 Pinces vasculaires pédiatriques  
 Pinze vascolari pediatriche



13

Ti



V13-269-01  
 13 cm / 5 1/8"



V13-269-02  
 12,5 cm / 4 7/8"

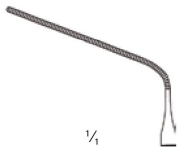


V13-269-03  
 12 cm / 4 5/8"



1/2

Castañeda  
 V13-269-01  
 V13-269-06



V13-269-04  
 12 cm / 4 5/8"



V13-269-05  
 11 cm / 4 3/8"



V13-269-06  
 12 cm / 4 5/8"

**Pediatric Vascular Clamps**  
 Kinder-Gefäßklemmen  
 Pinzas vasculares pediátricas  
 Pinces vasculaires pédiatriques  
 Pinze vascolari pediatriche



13

Ti



V13-270-01



V13-270-02

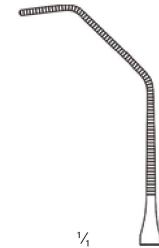


B13-270-03



1/2

Castañeda  
 V13-270-01  
 V13-270-05  
 15 cm / 5 7/8"



V13-270-04



V13-270-05





**Pediatric Vascular Clamps**  
 Kinder-Gefäßklemmen  
 Pinzas vasculares pediátricas  
 Pinces vasculaires pédiatriques  
 Pinze vascolari pediatriche



13

Atrauma



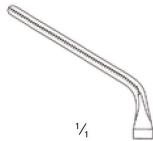
V13-271-01  
13,5 cm / 5 3/8"



V13-271-02  
13,5 cm / 5 3/8"



V13-271-03  
13 cm / 5 1/8"



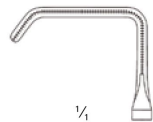
V13-271-04  
12,5 cm / 4 7/8"



V13-271-05  
13,5 cm / 5 3/8"



V13-271-06  
12 cm / 4 3/4"



V13-271-07  
12 cm / 4 3/4"



V13-271-08  
12,5 cm / 4 7/8"



V13-271-09  
13 cm / 5 1/8"



V13-271-10  
14 cm / 5 1/2"



V13-271-11  
14 cm / 5 1/2"



De Bakey baby  
V13-271-01  
V13-271-11

**Pediatric Vascular Clamps**  
 Kinder-Gefäßklemmen  
 Pinzas vasculares pediátricas  
 Pinces vasculaires pédiatriques  
 Pinze vascolari pediatriche



13

Atrauma



Cooley  
V13-272-14  
V13-273-14  
14 cm / 5 1/2"



V13-272-14



V13-273-14



Cooley  
V13-274-14  
14 cm / 5 1/2"



V13-274-14



Cooley  
V13-275-13  
13,5 cm / 5 3/8"



V13-275-13



**Pediatric Vascular Clamps**  
 Kinder-Gefäßklemmen  
 Pinzas vasculares pediátricas  
 Pinces vasculaires pédiatriques  
 Pinze vascolari pediatriche



13

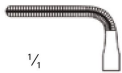
Atrauma



Cooley  
**V13-276-13**  
 13,5 cm / 5 3/8"



Cooley  
**V13-277-11**  
**V13-279-11**  
 11,5 cm / 4 1/2"



**V13-277-11**



**V13-278-11**



**V13-279-11**

**Pediatric Vascular Clamps**  
 Kinder-Gefäßklemmen  
 Pinzas vasculares pediátricas  
 Pinces vasculaires pédiatriques  
 Pinze vascolari pediatriche



13

Atrauma



De Bakey baby  
**V13-280-16**  
 16,5 cm / 6 1/2"



De Bakey baby  
**V13-281-16**  
 16 cm / 6 3/8"



De Bakey baby  
**V13-282-15**  
 15 cm / 5 7/8"



De Bakey baby  
**V13-283-15**  
**V13-284-15**  
 15 cm / 5 7/8"

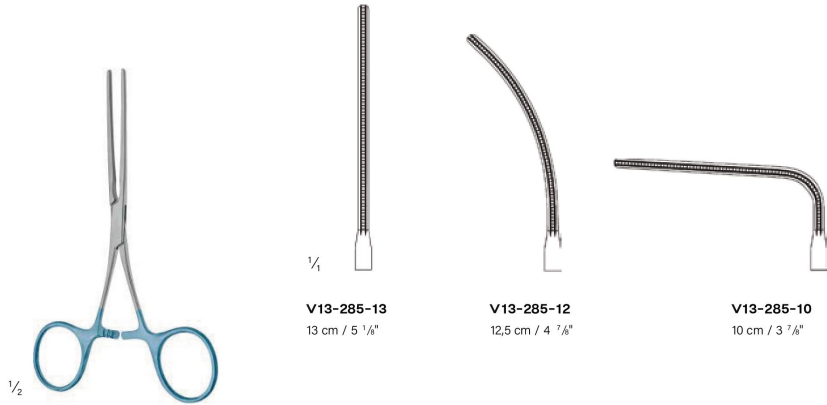


**Pediatric Vascular Clamps**  
 Kinder-Gefäßklemmen  
 Pinzas vasculares pediátricas  
 Pinces vasculaires pédiatriques  
 Pinze vascolari pediatriche



13

Atrauma

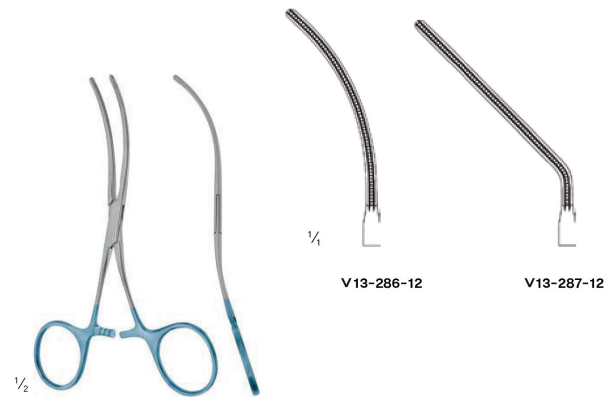


V13-285-13  
13 cm / 5 1/8"

V13-285-12  
12,5 cm / 4 7/8"

V13-285-10  
10 cm / 3 7/8"

De Bakey  
V13-285-13  
V13-285-10



V13-286-12

V13-287-12

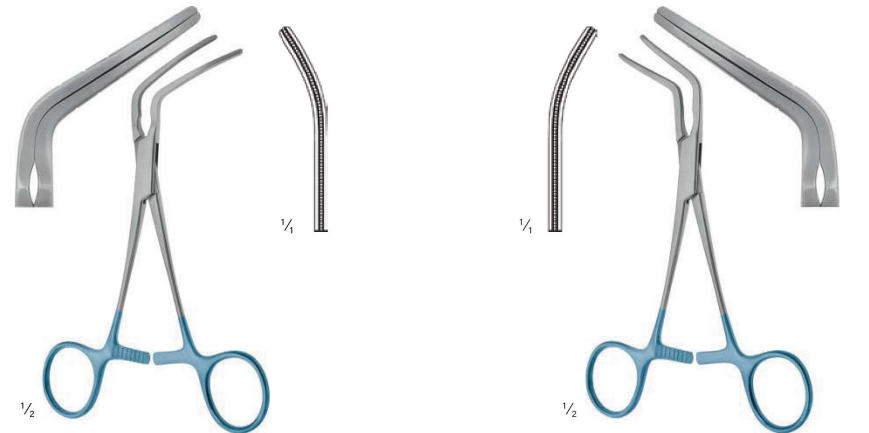
De Bakey  
V13-286-12  
V13-287-12  
12,5 cm / 4 7/8"

**Aortic Clamps**  
 Aortaklemmen  
 Pinzas aórticas  
 Pinces-clamps pour aorte  
 Pinze per aorta



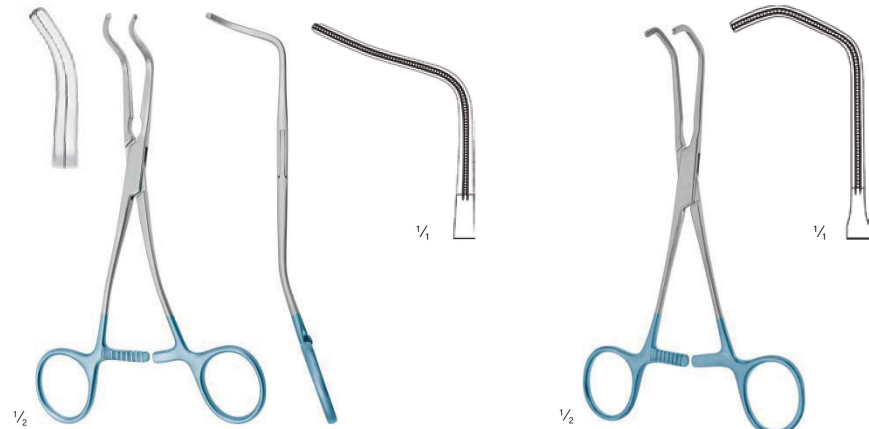
13

Atrauma



Subramanian  
V13-288-15  
15,5 cm / 6 1/8"

Subramanian  
V13-289-15  
15,5 cm / 6 1/8"



Subramanian  
V13-290-16  
16,5 cm / 6 5/8"

De Bakey-Beck  
V13-291-16  
16 cm / 6 3/8"

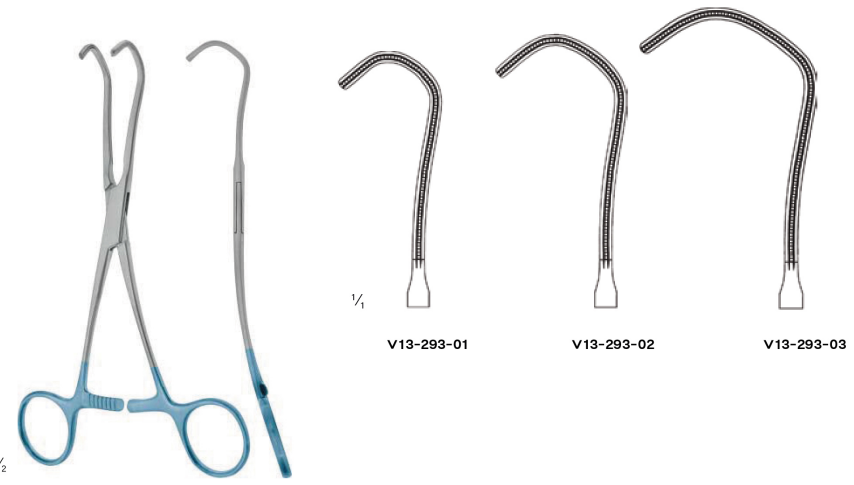


**Anastomosis Clamps**  
 Anastomosenklemmen  
 Pinzas para anastomosis  
 Pincers-clamps pour anastomose  
 Pinze per anastomosi



13

Atrauma



$\frac{1}{2}$   
 De Bakey-Derra  
 V13-293-01  
 V13-293-03  
 16,5 cm / 6  $\frac{3}{8}$ "

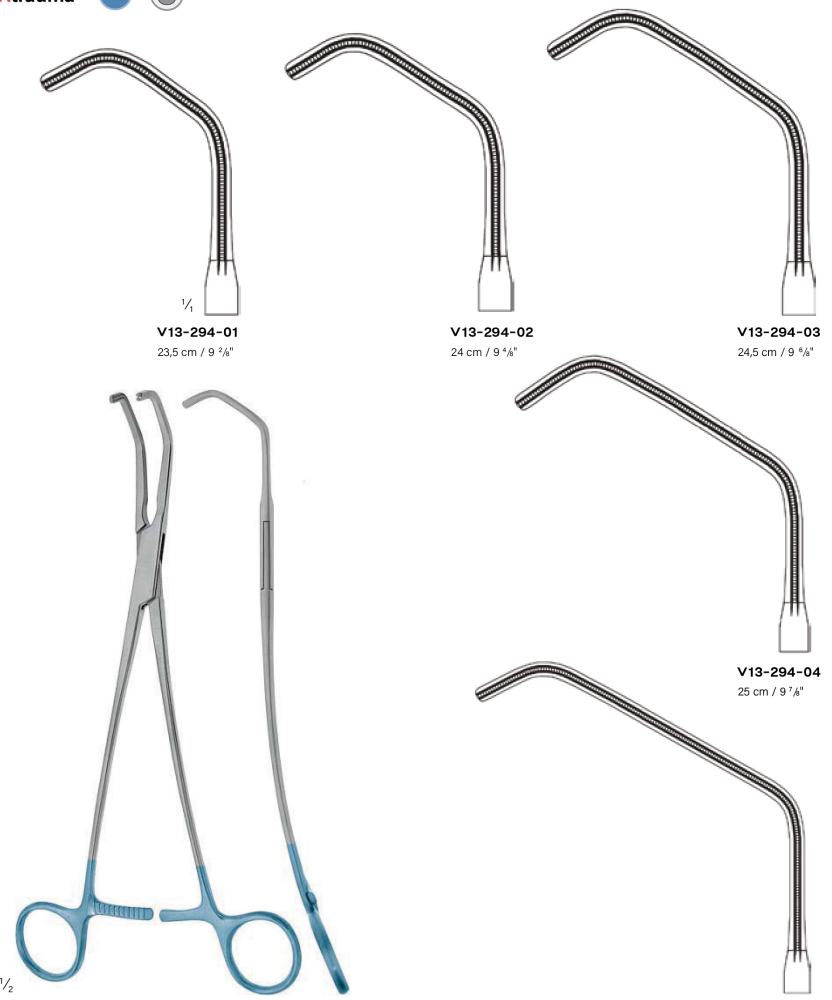
$\frac{1}{4}$   
 V13-293-01  
 V13-293-02  
 V13-293-03

**Tangential Occlusion Clamps**  
 Tangentialklemmen  
 Pinzas para oclusión tangencial  
 Pincers-clamps pour occlusion tangentielle  
 Pinze per occlusione tangenziale



13

Atrauma



$\frac{1}{2}$   
 De Bakey-Satinsky  
 V13-294-01  
 V13-294-05

$\frac{1}{4}$   
 V13-294-01  
 23,5 cm / 9  $\frac{1}{8}$ "  
 V13-294-02  
 24 cm / 9  $\frac{3}{8}$ "  
 V13-294-03  
 24,5 cm / 9  $\frac{5}{8}$ "

V13-294-04  
 25 cm / 9  $\frac{7}{8}$ "

V13-294-05  
 28,5 cm / 11  $\frac{1}{4}$ "



**Anastomosis Clamps**  
 Anastomosenklemmen  
 Pinzas para anastomosis  
 Pincers-clamps pour anastomose  
 Pinze per anastomosi



13

Atrauma



$\frac{1}{2}$   
 Lambert-Kay  
 V13-295-19  
 19,5 cm / 7  $\frac{3}{8}$ "

**Aortic Clamps**  
 Aortaklemmen  
 Pinzas aórticas  
 Pincers-clamps pour aorte  
 Pinze per aorta

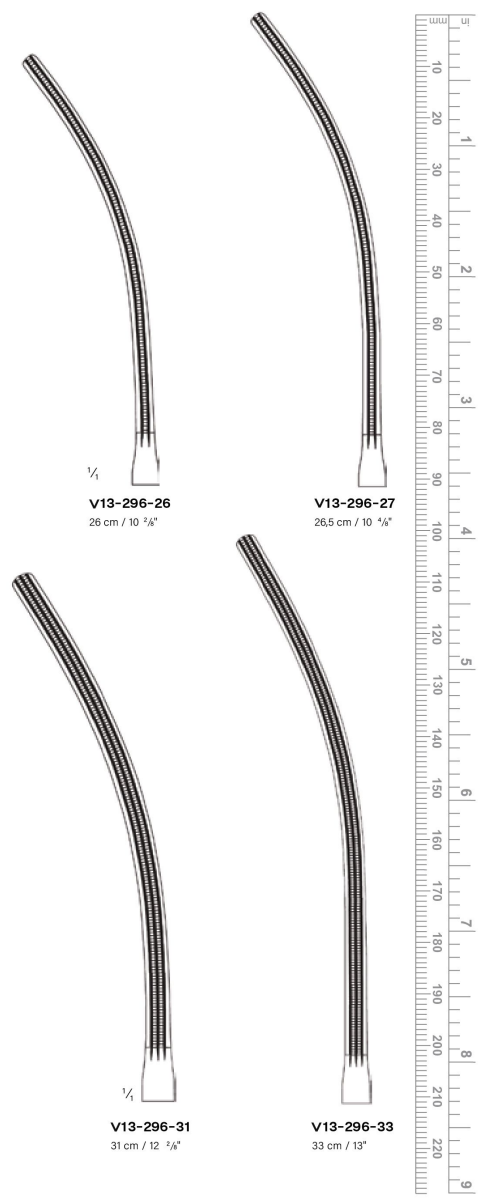


13

Atrauma



$\frac{1}{2}$   
 De Bakey  
 V13-296-26  
 V13-296-33



$\frac{1}{4}$   
 V13-296-26  
 26 cm / 10  $\frac{3}{8}$ "

V13-296-27  
 26,5 cm / 10  $\frac{3}{8}$ "

$\frac{1}{4}$   
 V13-296-31  
 31 cm / 12  $\frac{3}{8}$ "

V13-296-33  
 33 cm / 13"

**Vascular Forceps**  
 Gefäßpinzetten  
 Pinzas de disección vascular  
 Pincès à dissection vasculaires  
 Pinze per dissezione vascolari



13

Atrauma



1/2  
 Cooley  
 V13-297-16  
 V13-297-20



1/4  
 2.0 mm  
 V13-297-16  
 16 cm / 6 3/8"



2.0 mm  
 V13-297-20  
 20 cm / 7 7/8"

**Pediatric Vascular Clamps**  
 Kinder-Gefäßklemmen  
 Pinzas vasculares pediátricas  
 Pincès vasculaires pédiatriques  
 Pinze vascolari pediatriche



13

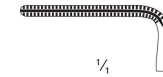
Atrauma



1/2  
 Cooley  
 V13-298-01  
 V13-298-06



1/2  
 Cooley  
 V13-299-14  
 14.5 cm / 5 5/8"



1/4  
 V13-298-01  
 11.5 cm / 4 1/2"



V13-298-02  
 14.5 cm / 5 5/8"



V13-298-03  
 14.5 cm / 5 5/8"



1/4  
 V13-298-04  
 14 cm / 5 1/2"



V13-298-05  
 14.5 cm / 5 5/8"



V13-298-06  
 12.5 cm / 4 7/8"

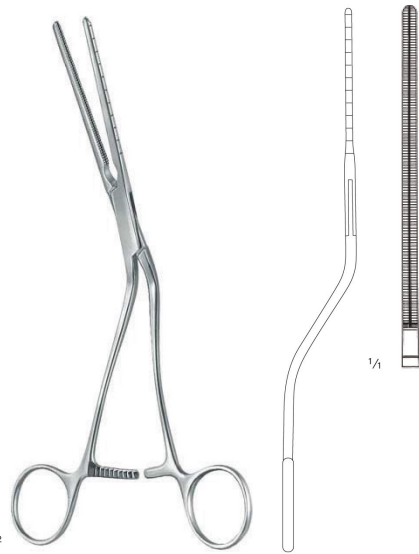


**Anastomosis Clamps, Multi purpose Vascular Clamp**  
 Anastomosenklemmen, Mehrzweck-Gefäßklemmen  
 Pinzas para anastomosis, Pinzas vasculares de usos m  
 Pincés-clamps pour anastomose, Pincés vasculaires u  
 Pinze per anastomosi, Pinze vascolari universali



13

Atrauma



Cooley  
**V13-300-22**  
 22 cm / 8 5/8"  
 Iliacklemme  
 Iliac Clamp  
 Pinza para iliaca  
 Pince-clamps iliaque  
 Pinza iliaca



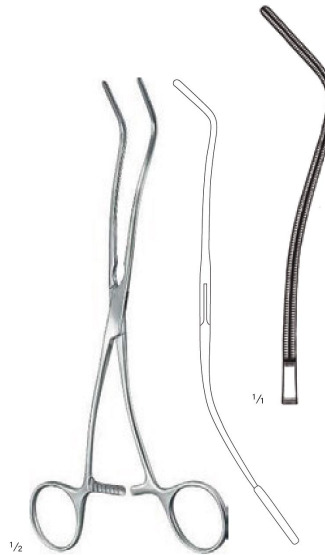
Cooley  
**V13-301-17**  
 17 cm / 6 5/8"

**Anastomosis Clamps, Multi purpose Vascular Clamp**  
 Anastomosenklemmen, Mehrzweck-Gefäßklemmen  
 Pinzas para anastomosis, Pinzas vasculares de usos m  
 Pincés-clamps pour anastomose, Pincés vasculaires u  
 Pinze per anastomosi, Pinze vascolari universali

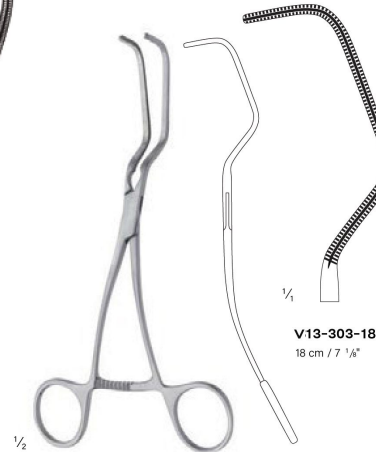


13

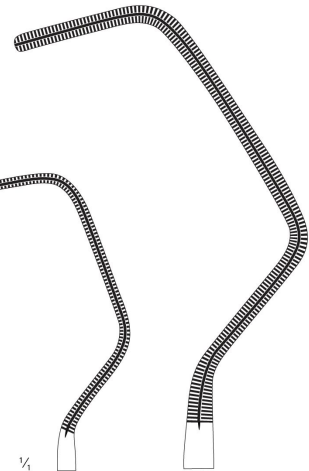
Atrauma



Cooley  
**V13-302-20**  
 20 cm / 7 7/8"  
 Carotisklemme  
 Carotid Clamp  
 Pinza para carótida  
 Pince-clamps pour carotide  
 Pinza per carotis



Cooley-Parry  
**V13-303-18**  
**V13-303-26**



**V13-303-18**  
 18 cm / 7 1/8"

**V13-303-26**  
 26 cm / 10 3/8"



**Anastomosis Clamps, Multi purpose Vascular Clamps**  
 Anastomosenklemmen, Mehrzweck-Gefäßklemmen  
 Pinzas para anastomosis, Pinzas vasculares de usos múltiples  
 Pincers-clamps pour anastomose, Pincers vasculaires universelles  
 Pinze per anastomosi, Pinze vascolari universali



13

**Atrauma**



1/2  
**Cooley**  
**V13-304-17**  
 17 cm / 6 5/8"



1/2  
**Cooley**  
**V13-305-16**  
 16 cm / 6 3/8"



1/2  
**Cooley**  
**V13-306-15**  
**V13-306-17**

1/4  
**V13-306-15**  
 14,5 cm / 5 5/8"

1/4  
**V13-306-16**  
 16 cm / 6 1/4"

1/4  
**V13-306-17**  
 16,5 cm / 6 5/8"

**Anastomosis Clamps**  
 Anastomosenklemmen  
 Pinzas para anastomosis  
 Pincers-clamps pour anastomose  
 Pinze per anastomosi



13

**Atrauma**



1/2  
**Cooley**  
**V13-307-17**  
 17 cm / 6 5/8"



1/2  
**Cooley**  
**V13-308-17**  
 17 cm / 6 5/8"





**Anastomosis Clamps**  
 Anastomosenklemmen  
 Pinzas para anastomosis  
 Pincers-clamps pour anastomose  
 Pinze per anastomosi



13

Atrauma



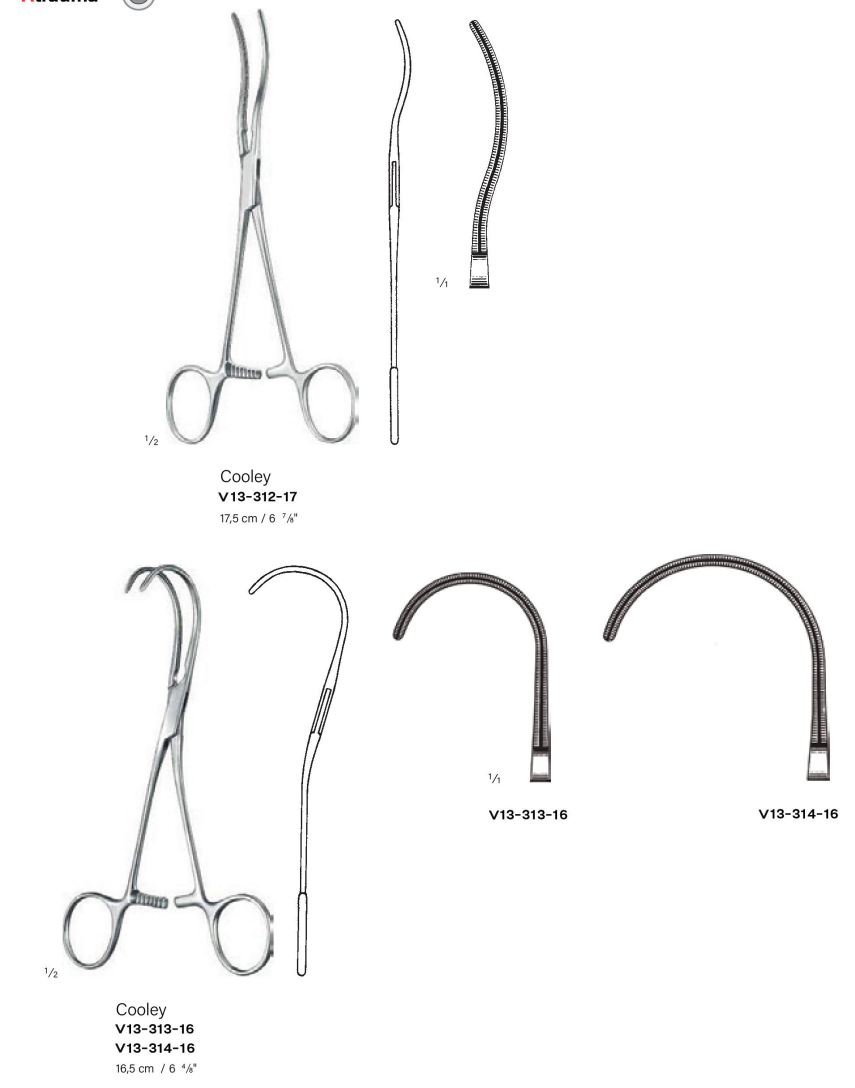
109

**Anastomosis Clamps**  
 Anastomosenklemmen  
 Pinzas para anastomosis  
 Pincers-clamps pour anastomose  
 Pinze per anastomosi




13

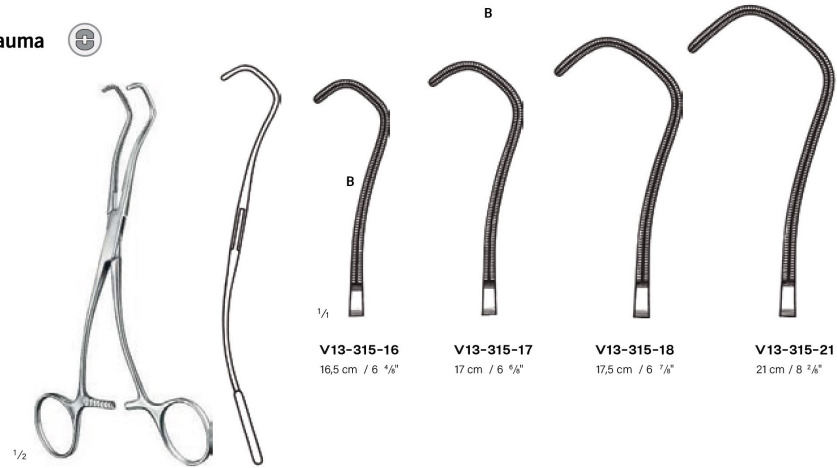
Atrauma



110

**Anastomosis Clamps**  
 Anastomosenklemmen  
 Pinzas para anastomosis  
 Pincers-clamps pour anastomose  
 Pinze per anastomosi

**Atrauma** 



Cooley-Derra  
**V13-315-16**  
**V13-315-21**



Cooley-Beck  
**V13-316-17**  
 17 cm / 6 5/8"

Allenberg Cobra  
**V13-317-23**  
**V13-317-26**

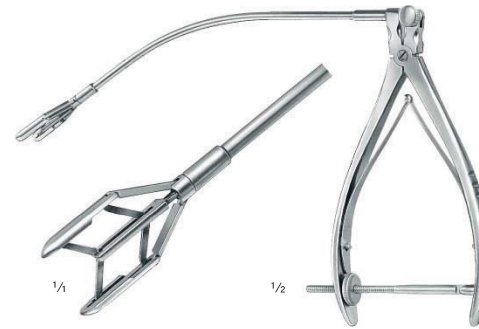
**Aortic Dilators**  
 Aorta-Dilatatoren  
 Dilataadores aórticos  
 Dilatateurs pour aorte  
 Dilatatori per aorta



Tubbs  
**V13-318-00**

Spreizweite 8 - 42 mm, mit Feststellschraube  
 spreading 8 - 42 mm, with fixation screw  
 abertura 8 - 42 mm, con tornillo de ajuste  
 ouverture 8 - 42 mm, avec vis de fixation  
 apertura totale 8 - 42 mm, con vite di fissazione

für Mitralstenosen  
 for mitral stenosis  
 para estenosis mitral  
 pour sténoses mitrales  
 per stenosi mitrali



Cooley  
**V13-319-00**

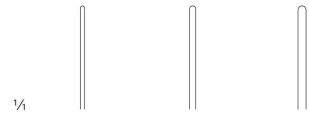
Spreizweite 5 - 20 mm, mit Gewindeperrre  
 spreading 5 - 20 mm, with thread fixation  
 abertura 5 - 20 mm, con fijación de rosca  
 ouverture 5 - 20 mm, avec fixation fileté  
 apertura totale 5 - 20 mm, con fissazione a filettatura

für Mitralstenosen  
 for mitral stenosis  
 para estenosis mitral  
 pour sténoses mitrales  
 per stenosi mitrali

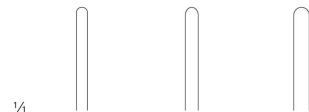




**NiTi**  
 biegsam  
 malleable  
 malléable  
 malleabili



	Ø	0.5 mm	1.0 mm	1.5 mm
14 cm / 5 1/8"	St	V13-320-05	V13-320-10	V13-320-15
	Ti	V13-321-05	V13-321-10	V13-321-15
19 cm / 7 1/8"	St	V13-322-05	V13-322-10	V13-322-15
	Ti	V13-323-05	V13-323-10	V13-323-15



	Ø	2.0 mm	2.5 mm	3.0 mm
14 cm / 5 1/8"	St	V13-324-20	V13-324-25	V13-324-30
	Ti	V13-325-20	V13-325-25	V13-325-30
19 cm / 7 1/8"	St	V13-326-20	V13-326-25	V13-326-30
	Ti	V13-327-20	V13-327-25	V13-327-30

Cooley  
 V13-320-05  
 V13-327-30



**NiTi**  
 biegsam  
 malleable  
 malléable  
 malleabili



	Ø	0.5 mm	1.0 mm	1.5 mm	2.0 mm
14 cm / 5 1/8"	St	V13-328-05	V13-328-10	V13-328-15	V13-328-20
	Ti	V13-329-05	V13-329-10	V13-329-15	V13-329-20
19 cm / 7 1/8"	St	V13-330-05	V13-330-10	V13-330-15	V13-330-20
	Ti	V13-331-05	V13-331-10	V13-331-15	V13-331-20



	Ø	2.5 mm	3.0 mm	3.5 mm	4.0 mm
14 cm / 5 1/8"	St	V13-332-25	V13-332-30	V13-332-35	V13-332-40
	Ti	V13-333-25	V13-333-30	V13-333-35	V13-333-40
19 cm / 7 1/8"	St	V13-334-25	V13-334-30	V13-334-35	V13-334-40
	Ti	V13-335-25	V13-335-30	V13-335-35	V13-335-40



	Ø	4.5 mm	5.0 mm	7.0 mm	9.0 mm
14 cm / 5 1/8"	St	V13-336-45	V13-336-50		
	Ti	V13-337-45	V13-337-50		
19 cm / 7 1/8"	St	V13-338-45	V13-338-50	V13-338-70	V13-338-90
	Ti	V13-339-45	V13-339-50	V13-339-70	V13-339-90

DeBaKey  
 V13-328-05  
 V13-339-90



**Tunneling Set**  
Tunneller-Set  
Juego para tunelar  
Jeu pour tunneliser  
Set per tunnelare



13



1/4

**Martin**  
**V13-340-00**

Satz komplett mit 3 Schäften, 2 Griffen und 12 Aufsätzen im Lagerungsbehälter  
complete set with 3 shafts, 2 handles and 12 tips in storage case  
juego completo con 3 vástagos, 2 mangos y 12 cabezas en caja metálica  
jeu complet avec 3 tiges, 2 manches et 12 embouts en boîte métal  
Set completo, con 3 gambi, 2 manici con 12 raccordi in contenitore metallico



**V13-340-65**  
Schraubaufsatz für Venen  
Vein Tip  
Cabeza para venas  
Embout pour veines  
Tata adattatore veni  
mit Knopf, Luer-Lock Ansatz  
with button, Luer-Lock cone  
con botón, cono Luer-Lock  
avec bouton, cône Luer-Lock  
con bottone, cono Luer-Lock



**V13-340-70**  
Luer-Adapter  
Luer Adapter  
Adaptador Luer  
Adaptateur Luer  
Adattatore Luer  
Luer-Lock Ansatz  
Luer-Lock cone  
cono Luer-Lock  
cône Luer-Lock  
cono Luer-Lock



**V13-340-99**  
10 cm / 4"  
Schrauben-schlüssel  
Wrench  
Llave horquilla  
Tournevis  
Giravite



**V13-340-01**  
12,5 cm / 5"  
Universalgriff  
Universal Handle  
Mango universal  
Manche universelle  
Manico universale



**V13-340-05**  
24,5 cm  
Tunnellerschaft  
Tunneling Shaft  
Vástago para tunelar  
Tige pour tunneliser  
Gambo per tunnelare  
gebogen  
curved  
curvo  
courbé  
curvo



**V13-340-06**  
24,5 cm  
Tunnellerschaft  
Tunneling Shaft  
Vástago para tunelar  
Tige pour tunneliser  
Gambo per tunnelare  
gerade  
straight  
recto  
droite  
diritto

**V13-340-11**  
55,5 cm  
Tunnellerschaft  
Tunneling Shaft  
Vástago para tunelar  
Tige pour tunneliser  
Gambo per tunnelare  
gebogen  
curved  
curvo  
courbé  
curvo



**V13-340-55**  
Ø 5 mm  
Schraubolive  
Screw Olive  
Oliva  
Olive  
Oliva



**V13-340-56**  
Ø 6 mm  
Schraubolive  
Screw Olive  
Oliva  
Olive  
Oliva



**V13-340-57**  
Ø 7 mm  
Schraubolive  
Screw Olive  
Oliva  
Olive  
Oliva



**V13-340-58**  
Ø 8 mm  
Schraubolive  
Screw Olive  
Oliva  
Olive  
Oliva



**V13-340-60**  
Ø 10 mm  
Schraubolive  
Screw Olive  
Oliva  
Olive  
Oliva



**V13-340-62**  
Ø 12 mm  
Schraubolive  
Screw Olive  
Oliva  
Olive  
Oliva

**V13-341-01**  
Halteplatte für Aufsätze  
Plate for Tips  
Soporte para cabezas  
Support pour embouts  
Supporto per punte

**V13-341-55**  
Metallbehälter  
Metal Case  
Caja metálica  
Boîte métal  
Contenitore metallico  
55 x 11,5 x 3,5 cm

B

**Fasciotomy Knife, Fasciotomy Spatulas**  
Fasziotomiemesser, Fasziotomiespatel  
Cuchillo para fasciotomía, Espátulas para fasciotomía  
Couteau pour fasciotomie, Spatule pour fasciotomie  
Bisturi per fasciotomia, Spatole per fasciotomia



13



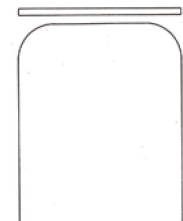
Hach  
**V13-342-30**  
30 cm / 11 3/8"  
Sic



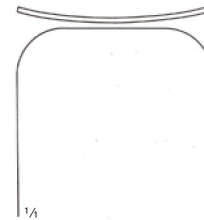
Hach  
**V13-343-25**  
**V13-34352**  
30 cm / 11 3/8"



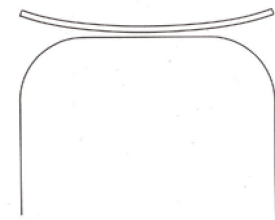
25 mm  
**V13-343-25**



32 mm  
**V13-343-32**




40 mm  
**V13-343-40**

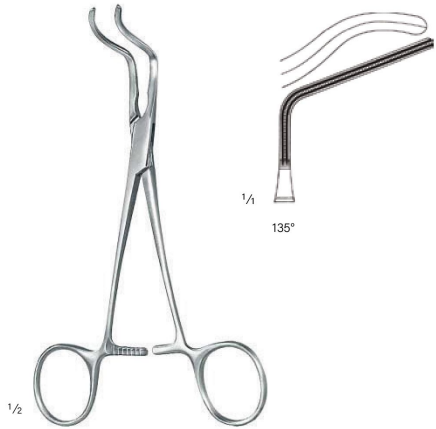


52 mm  
**V13-343-52**

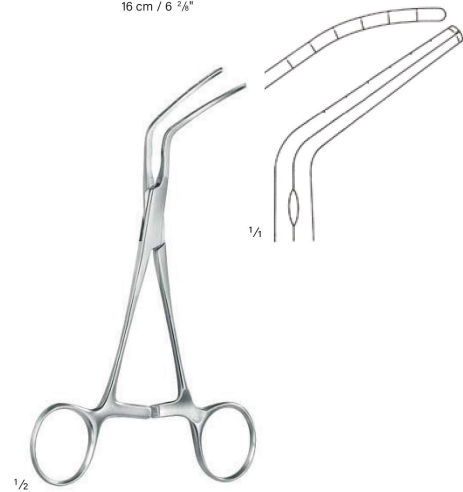




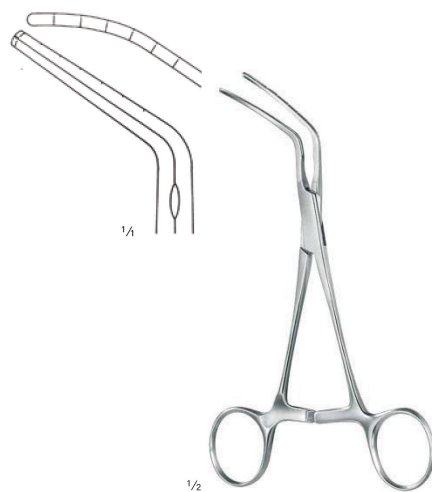
**Atrauma** 




**Subramanian-Miniature**  
**V13-351-16**  
 16 cm / 6 3/8"



**Subramanian**  
**V13-352-16**  
 16 cm / 6 3/8"



**Subramanian**  
**V13-353-16**  
 16 cm / 6 3/8"

**Atrauma** 



**Fig. 1**  
**V13-354-01**  
 14 cm / 5 1/2"



**Fig. 2**  
**V13-354-02**  
 14 cm / 5 1/2"



**Fig. 3**  
**V13-354-03**  
 14 cm / 5 1/2"



**Fig. 4**  
**V13-354-04**  
 14 cm / 5 1/2"



**Fig. 5**  
**V13-354-05**  
 14 cm / 5 1/2"



**Fig. 6**  
**V13-354-06**  
 13 cm / 5"



**Fig. 7**  
**V13-354-07**  
 13 cm / 5"



**Fig. 8**  
**V13-354-08**  
 14 cm / 5 1/2"



**Fig. 9**  
**V13-354-09**  
 13 cm / 5"



**Fig. 10**  
**V13-354-10**  
 14 cm / 5 1/2"



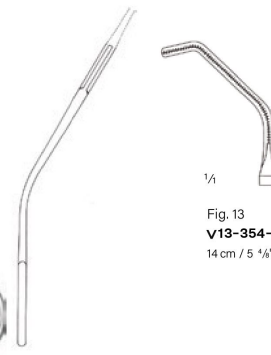
**Fig. 11**  
**V13-354-11**  
 14 cm / 5 1/2"



**Fig. 12**  
**V13-354-12**  
 14 cm / 5 1/2"



**De Bakey baby**  
**V13-354-01**  
**V13-354-15**



**Fig. 14**  
**V13-354-14**  
 14 cm / 5 1/2"



**Fig. 15**  
**V13-354-15**  
 14 cm / 5 1/2"



**Pediatric Vascular Clamps**  
 Kinder-Gefäßklemmen  
 Pinzas vasculares pediátricas  
 Pinces vasculaires pédiatriques  
 Pinze vascolari pediatriche

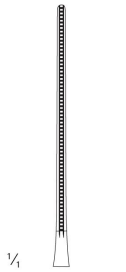


13

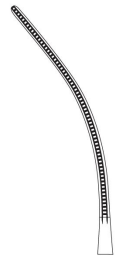
Atrauma finoLine Ti St



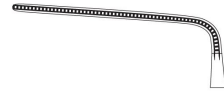
De Bakey  
**V13-355-01**  
**V13-356-01**  
 feine Zahnung  
 delicate serration  
 dentado fina  
 denture fine  
 dentatura delicata



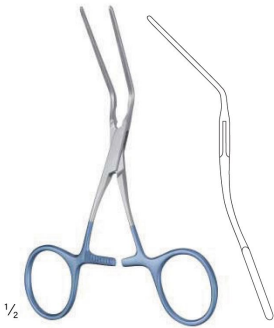
**V13-355-01**  
**V13-356-01**  
 13,5 cm / 5 3/8"



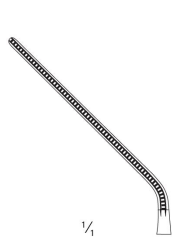
**V13-355-02**  
**V13-356-02**  
 13 cm / 5 1/8"



**V13-355-03**  
**V13-356-03**  
 10,5 cm / 4 1/8"



De Bakey  
**V13-355-04**  
**V13-356-04**  
 feine Zahnung  
 delicate serration  
 dentado fina  
 denture fine  
 dentatura delicata



**V13-355-04**  
**V13-356-04**  
 12 cm / 4 9/8"



**V13-355-05**  
**V13-356-05**  
 13 cm / 5 1/8"

**Neonatal Vascular Clamps**  
 Neonatal-Gefäßklemmen  
 Pinzas vasculares para recién nacidos  
 Pinces vasculaires pour nouveaux nés  
 Pinze vascolari per neonati



13

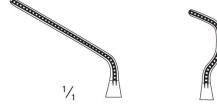
Atrauma finoLine Ti St



De Bakey  
**V13-357-01**  
 10,5 cm / 4 1/8"  
 sehr feine Zahnung  
 very delicate serration  
 dentado muy fina  
 denture très fine  
 dentatura molto delicata



De Bakey  
**V13-357-02**  
**V13-357-03**  
 10,5 cm / 4 1/8"  
 sehr feine Zahnung  
 very delicate serration  
 dentado muy fina  
 denture très fine  
 dentatura molto delicata



**V13-357-02** **V13-357-03**




De Bakey  
**V13-357-04**  
**V13-357-05**  
 10,5 cm / 4 1/8"  
 sehr feine Zahnung  
 very delicate serration  
 dentado muy fina  
 denture très fine  
 dentatura molto delicata



**V13-357-04** **V13-357-05**



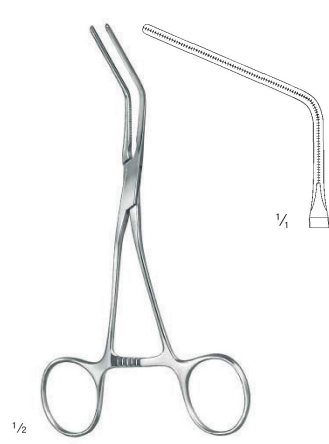
**Atrauma** 



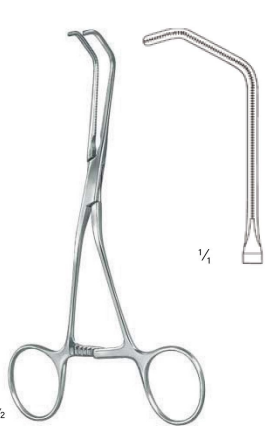
De Bakey baby  
**V13-358-16**  
 16,5 cm / 6 5/8"



De Bakey baby  
**V13-359-16**  
 16,5 cm / 6 5/8"



De Bakey baby  
**V13-360-15**  
 15,5 cm / 6"



De Bakey baby  
**V13-361-15**  
 15,5 cm / 6"



De Bakey baby  
**V13-362-16**  
 16 cm / 6 3/8"



**V13-363-01**  
 13 cm / 4 1/8"



**V13-363-02**  
 12,5 cm / 5"



**V13-363-03**  
 12 cm / 4 3/8"



**V13-363-04**  
 11 cm / 4 3/8"



Castañeda  
**V13-363-01**  
**V13-363-08**



**V13-363-05**  
 12 cm / 4 3/8"



**V13-363-06**  
 12 cm / 4 3/8"



**V13-363-07**  
 12 cm / 4 3/8"



**V13-363-08**  
 12 cm / 4 3/8"





**no one does it BETTER**



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