

## Cardio Surgical Ltd.

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**Cardio** **Surgical**





## Company Profile

Cardio Surgical is committed to providing innovative and high quality surgical equipment for use in cardiac, thoracic, vascular, micro and minimally invasive surgery, and to distributing the most advanced quality products for heart care. Cardio Surgical guarantees that all of our surgical products are manufactured in Germany, using only top quality materials according to the highest medical standards and specifications.

Cardio Surgical provides a special patented line, designed by Dr. Mattia Glauber and dedicated to Minimally Invasive Cardiac Surgery: the “Glauber” line features titanium and stainless steel surgical clamps, forceps, needle holders, scissors, retractors, dilators, VATS and MICS instruments.

Our sales and marketing team is an international group, dedicated to providing customers and patients with professional support, careful service and meaningful solutions, operating at the highest levels of ethical and compliance standards worldwide.

Cardio Surgical — INNOVATION. QUALITY. TRAINING. SERVICE

All instruments are



**MADE IN GERMANY**



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## Dissecting Scissors



METZENBAUM

### blunt

14,5 cm 5¾"  
 18 cm / 7"  
 20 cm / 8"  
 23 cm / 9"  
 25 cm / 10"  
 28 cm / 11"  
 30 cm / 12"



CS7-2003-15  
 CS7-2003-18  
 CS7-2003-20  
 CS7-2003-23  
 CS7-2003-25  
 CS7-2003-28  
 CS7-2003-30



CS7-2002-15  
 CS7-2002-18  
 CS7-2002-20  
 CS7-2002-23  
 CS7-2002-25  
 CS7-2002-28  
 CS7-2002-30

### strong curved

20 cm / 8"  
 23 cm / 9"



CS7-2014-20  
 CS7-2014-23

## Dissecting Scissors



METZENBAUM  
fine

blunt

14,5 cm / 5¾"  
18 cm / 7"  
20 cm / 8"  
23 cm / 9"  
25 cm / 10"  
28 cm / 11"



CS7-2004-15  
CS7-2004-18  
CS7-2004-20  
CS7-2004-23  
CS7-2004-25



CS7-2005-15  
CS7-2005-18  
CS7-2005-20  
CS7-2005-23  
CS7-2005-25  
CS7-2005-28



METZENBAUM  
S-curved, fine



18 cm / 7"  
20 cm / 8"  
23 cm / 9"



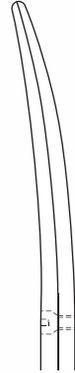
CS7-2009-18  
CS7-2009-20  
CS7-2009-23

## SUPERCUT Scissors



METZENBAUM

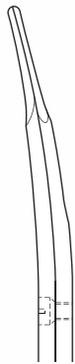
16 cm / 6¼"  
 18 cm / 7"  
 20 cm / 8"  
 23 cm / 9"  
 25 cm / 10"  
 28 cm / 11¼"  
 30 cm / 12"



CS7-3002-15  
 CS7-3002-18  
 CS7-3002-20  
 CS7-3002-23  
 CS7-3002-25  
 CS7-3002-28  
 CS7-3002-30



STEVENS  
 18 cm / 7"



CS7-3000-18



JAMESON



18 cm / 7"

CS7-3001-18

## Atraumatic Dissecting Forceps



DEBAKEY

16 cm  
20 cm  
24 cm  
30 cm



1,5mm

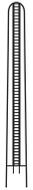
CS2-1003-16  
CS2-1003-20  
CS2-1003-24  
CS2-1003-30



2,0mm

CS2-1004-16  
CS2-1004-20  
CS2-1004-24  
CS2-1004-30

16 cm  
20 cm  
24 cm  
30 cm



2,7mm

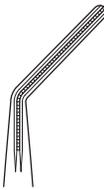
CS2-1005-16  
CS2-1005-20  
CS2-1005-24  
CS2-1005-30



3,5mm

CS2-1006-16  
CS2-1006-20  
CS2-1006-24  
CS2-1006-30

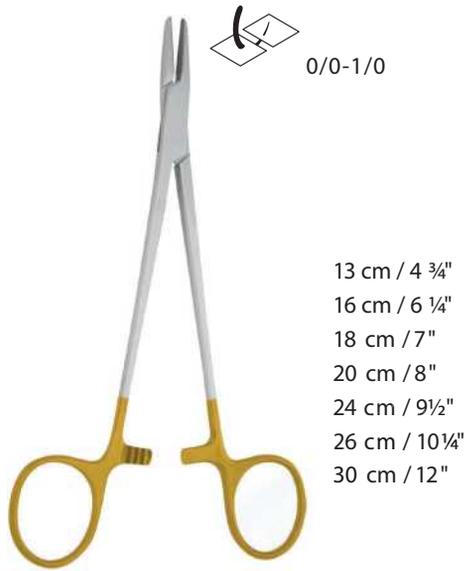
16 cm  
20 cm  
24 cm  
30 cm



2,0mm

CS2-1009-16  
CS2-1009-20  
CS2-1009-24  
CS2-1009-30

## Needle Holders



0/0-1/0

13 cm / 4 3/4"  
 16 cm / 6 1/4"  
 18 cm / 7"  
 20 cm / 8"  
 24 cm / 9 1/2"  
 26 cm / 10 1/4"  
 30 cm / 12"

MAYO-HEGAR



CS3-1000-13  
 CS3-1000-16  
 CS3-1000-18  
 CS3-1000-20  
 CS3-1000-24  
 CS3-1000-26  
 CS3-1000-30



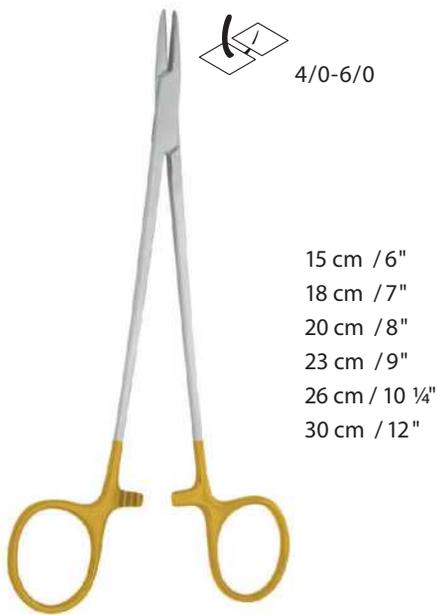
4/0-6/0

15 cm / 6"  
 18 cm / 7"  
 20 cm / 8"  
 23 cm / 9"  
 26 cm / 10 1/4"  
 30 cm / 12"

DEBAKEY



CS3-1003-15  
 CS3-1003-18  
 CS3-1003-20  
 CS3-1003-23  
 CS3-1003-26  
 CS3-1003-30



4/0-6/0

15 cm / 6"  
 18 cm / 7"  
 20 cm / 8"  
 23 cm / 9"  
 26 cm / 10 1/4"  
 30 cm / 12"

CRILE-WOOD



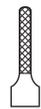
CS3-1002-15  
 CS3-1002-18  
 CS3-1002-20  
 CS3-1002-23  
 CS3-1002-26  
 CS3-1002-30



5/0-6/0

12 cm / 4 3/4"  
 15 cm / 6"  
 18 cm / 7"  
 20 cm / 8"  
 23 cm / 9"  
 26 cm / 10 1/4"

RYDER  
 width 1,6 mm



CS3-1005-13  
 CS3-1005-15  
 CS3-1005-18  
 CS3-1005-20  
 CS3-1005-23  
 CS3-1005-26

## Needle Holders

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SAROT



4/0-5/0

18 cm / 7"  
20 cm / 8"

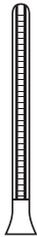


CS3-1007-18  
CS3-1007-20

## Atraumatic Bulldog Clamps



DEBAKEY



VC 600.10  
7,5 cm / 3"



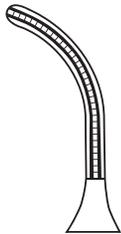
VC 600.20  
8,5 cm / 3½"



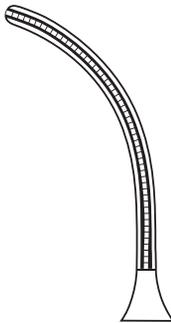
VC 600.30  
10,5 cm / 4¼"



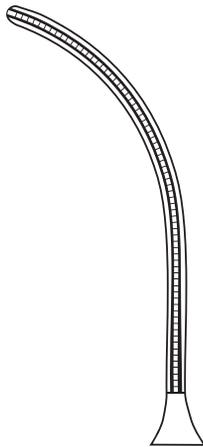
VC 600.40  
12 cm / 4¾"



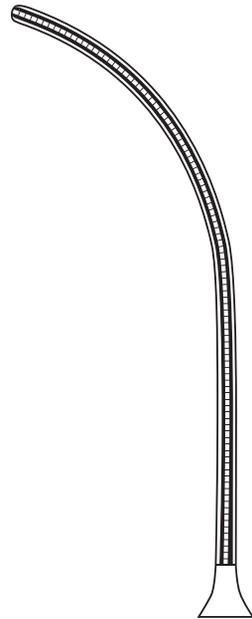
VC 600.15  
7,5 cm / 3"



VC 600.25  
8,5 cm / 3½"



VC 600.35  
10,5 cm / 4¼"



VC 600.45  
12 cm / 4¾"

## Atraumatic Bulldog Clamps



DEBAKEY-GLOVER



CS5-1006-06  
6 cm / 2½"



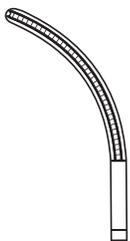
CS5-1006-07  
7 cm / 2¾"



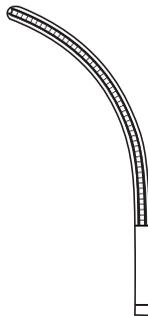
CS5-1006-09  
9 cm / 3½"



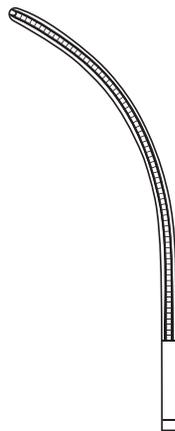
CS5-1006-11  
11 cm / 4¼"



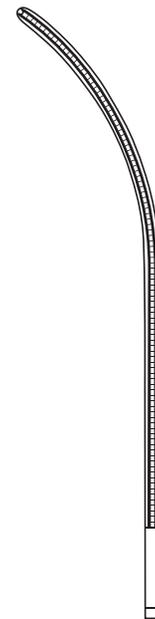
CS5-1007-06  
6 cm / 2½"



CS5-1007-07  
7 cm / 2¾"



CS5-1007-09  
9 cm / 3½"



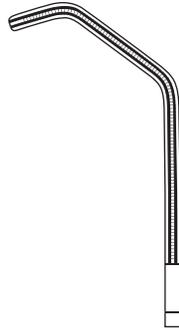
CS5-1007-11  
11 cm / 4¼"

## Atraumatic Bulldog Clamps

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SATINSKY-DEBAKEY



CS5-1013-07  
7 cm / 2¾"



CS5-1015-10  
10 cm / 4"



GREGORY-SOFT  
11 cm



left  
CS5-1009-09



right  
CS5-1009-11

## Atraumatic Bulldog Clamps



DE BAKEY



DIETRICH-  
DE BAKEY

Cat. ref.	CS5-1002-10	CS5-1002-14	CS5-1002-20	CS5-1003-10	CS5-1003-14	CS5-1003-20
Length	5cm	5cm	6cm	5cm	5cm	6cm
Length of jaw	10 mm	14 mm	20 mm	10 mm	14 mm	20 mm
Occlusion pressure	180 ± 10 gr.					
Weight	3 gr.					



VC 600.25



VC 600.20



VC 600.60

### Atraumatic Bulldog Clamps

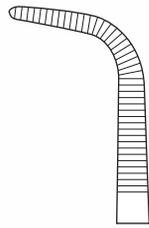
Name	Description	Item Number
Atraumatic Bulldgo Clamp	Curved, 80 mm	VC 600.25
Atraumatic Bulldgo Clamp	Curved, 100 mm	VC 600.35
Atraumatic Bulldgo Clamp	Straight, 85 mm	VC 600.20
Atraumatic Bulldgo Clamp	Straight, 105 mm	VC 600.30
Atraumatic Bulldgo Clamp	25 cm	VC 600.60

## Dissecting Forceps



90°

18 cm  
14 cm

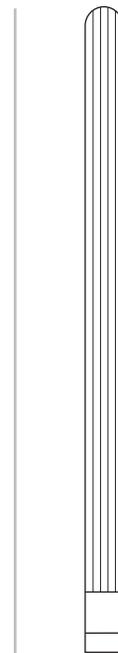


**CS5-5000-18**  
**CS5-5000-14**

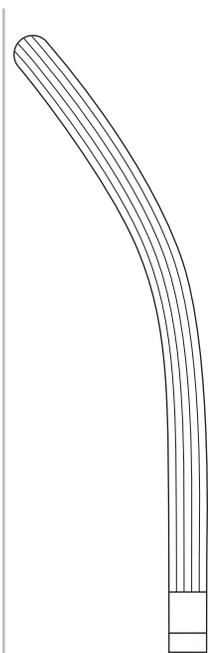


**MAYO-ROBSON**

21 cm / 8 1/4"  
23 cm / 9"



**CS5-5288-21**  
**CS5-2079-23**

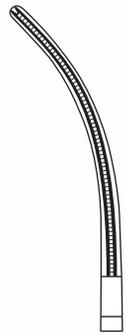


**CS5-5289-21**  
**CS5-5289-23**

## Atraumatic Vascular Clamps



**DEBAKEY**  
11 cm / 4¼"

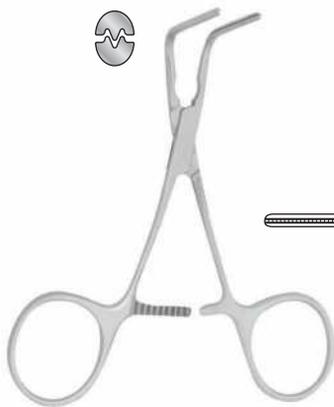


**CS5-2004-12**



**DEBAKEY**  
12 cm / 4¾"

**CS5-2006-12**



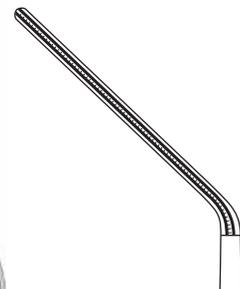
**DEBAKEY**  
11 cm / 4¼"



**CS5-2005-10**



**DEBAKEY**  
12 cm / 4¾"



**CS5-2007-12**  
45°

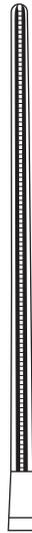
## Atraumatic Vascular Clamps



**POTTS**  
Aortic aneurysm clamps



**CS5-2048-21**  
21 cm / 8¼"



**CS5-2048-23**  
23 cm / 9"



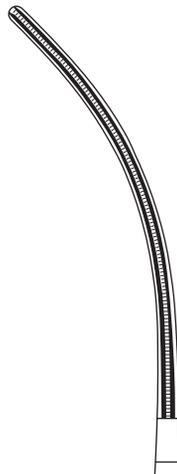
**CS5-2048-27**  
27 cm / 10¾"



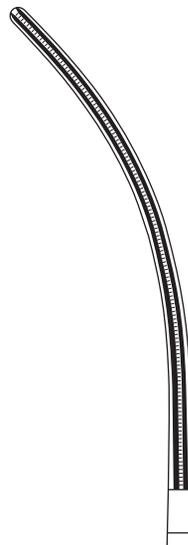
**CS5-2048-31**  
31 cm / 12¼"



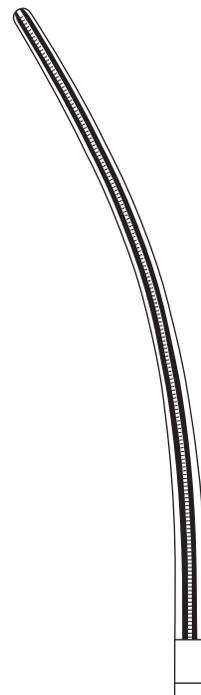
**CS5-2049-21**  
21 cm / 8¼"



**CS5-2049-23**  
23 cm / 9"



**CS5-2049-27**  
27 cm / 10¾"



**CS5-2049-31**  
31 cm / 12¼"

## Atraumatic Vascular Clamps



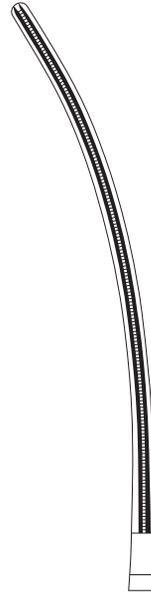
DEBAKEY



CS5-2030-26  
26 cm / 10 1/4"



CS5-2030-27  
27 cm / 10 3/4"



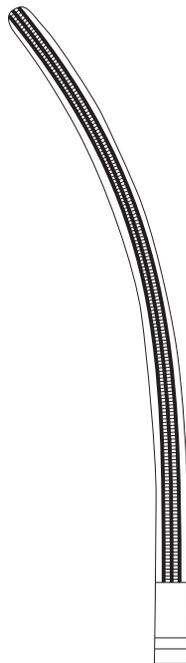
CS5-2030-31  
31 cm / 12 1/4"



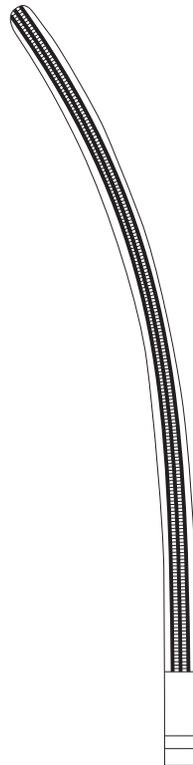
CS5-2030-33  
33 cm / 13"



DEBAKEY  
3 x 2 teeth



CS5-2206-31  
31 cm / 12 1/4"



CS5-2206-33  
33 cm / 13"

## Atraumatic Vascular Clamps

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DEBAKEY  
Multi-purpose clamps 60 °



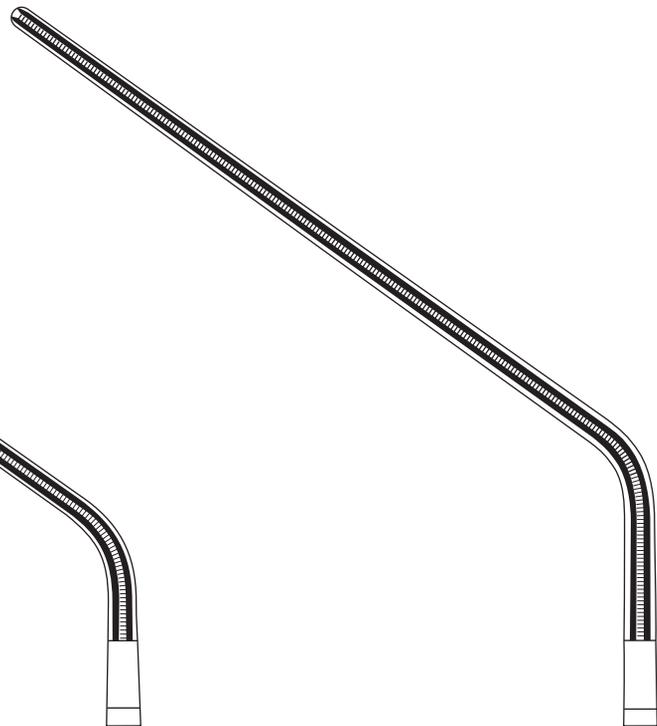
CS5-2065-21  
21 cm / 8¼"



CS5-2065-22  
23 cm / 9"



CS5-2065-26  
26 cm / 10¼"



CS5-2065-30  
30,5 cm / 12"

## Atraumatic Vascular Clamps



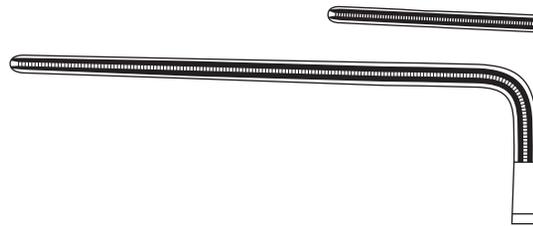
DEBAKEY  
Multi-purpose clamps 90°



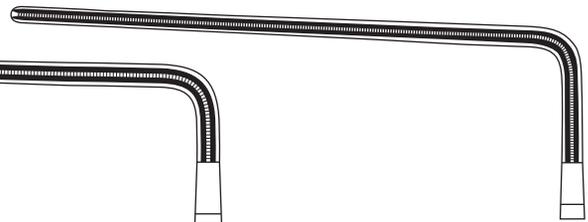
CS5-2064-18  
18 cm / 7"



CS5-2064-19  
19 cm / 7½"



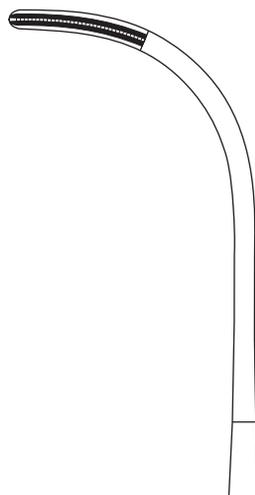
CS5-2064-23  
21,5 cm / 8½"



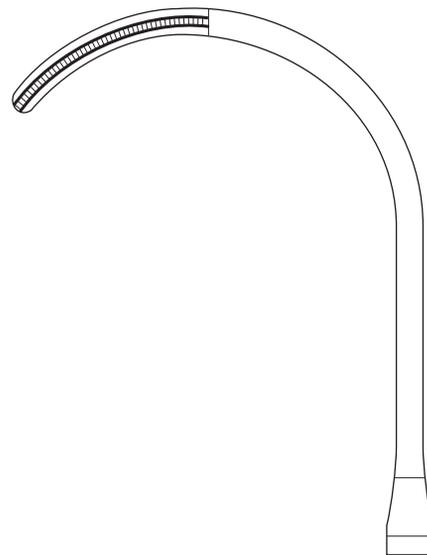
CS5-2064-27  
25,5 cm / 10"



DEBAKEY-SEMB  
Ligature clamps



CS5-2027-24  
23,5 cm / 9¼"

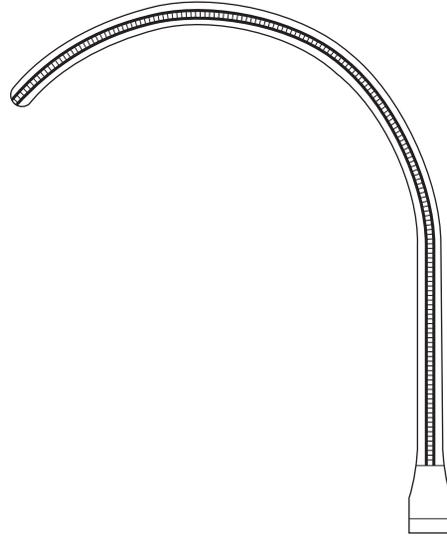


CS5-2027-26  
25 cm / 10"

## Atraumatic Vascular Clamps



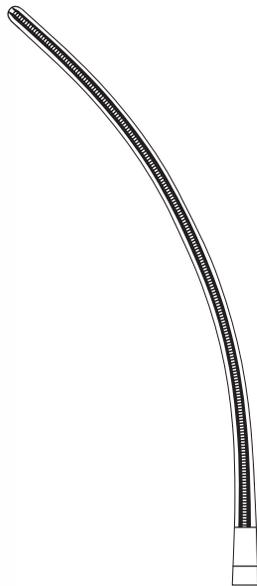
DEBAKEY



CS5-2028-26  
25 cm / 10 "



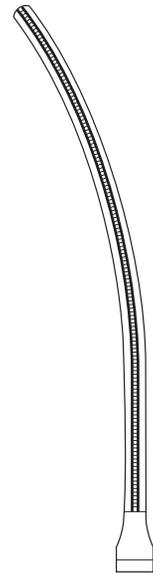
DEBAKEY  
Great vessel clamps



CS5-2032-30  
30 cm / 12 "



DEBAKEY  
Great vessel clamps



CS5-2031-28  
25,5 cm / 10 "

## Atraumatic Vascular Clamps



DEBAKEY  
16 cm / 6¼"



DEBAKEY  
27 cm / 10½"



DEBAKEY  
17 cm / 6¾"



DEBAKEY  
Multi-purpose clamp 60°  
15 cm / 6"

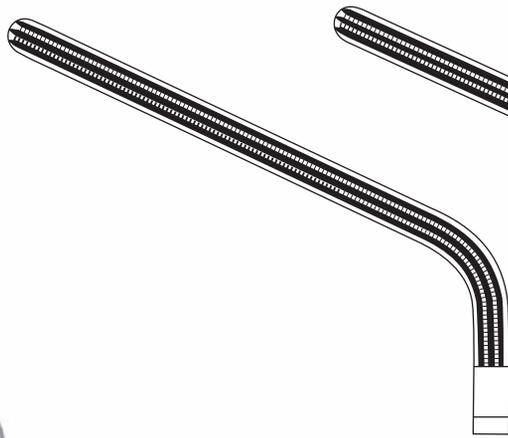
## Atraumatic Vascular Clamps



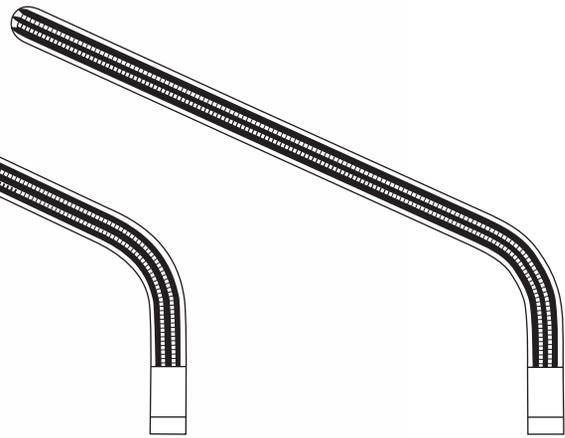
## Atraumatic Vascular Clamps



MORRIS-DEBAKEY



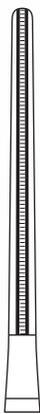
CS5-2036-22  
21,5 cm / 8½"



CS5-2036-25  
25 cm / 10"



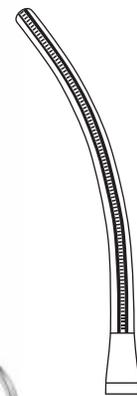
DEBAKEY  
Coarctation Clamps



CS5-2050-17  
17 cm / 6¾"



DEBAKEY  
Coarctation Clamps



CS5-2052-17  
17 cm / 6¾"

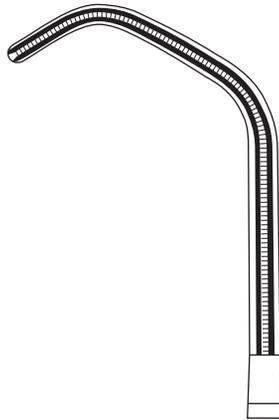
## Atraumatic Vascular Clamps

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SATINSKY

Tangential occlusion clamps



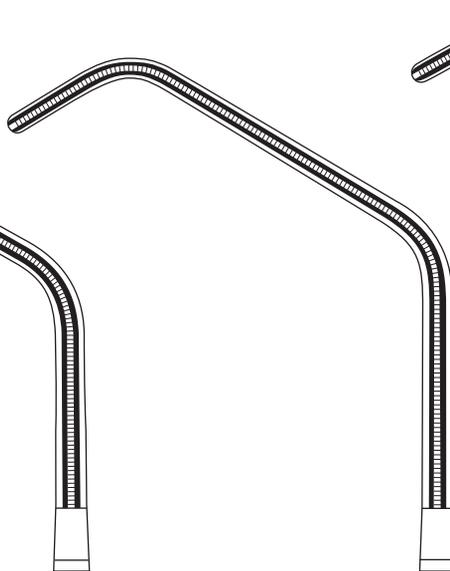
CS5-2047-20  
20,5 cm / 8"



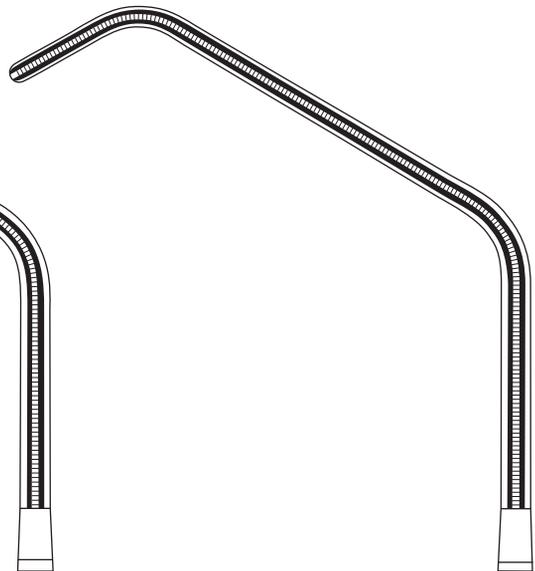
CS5-2047-24  
24 cm / 9½"



CS5-2047-25  
25 cm / 10"



CS5-2047-26  
26,5 cm / 10½"

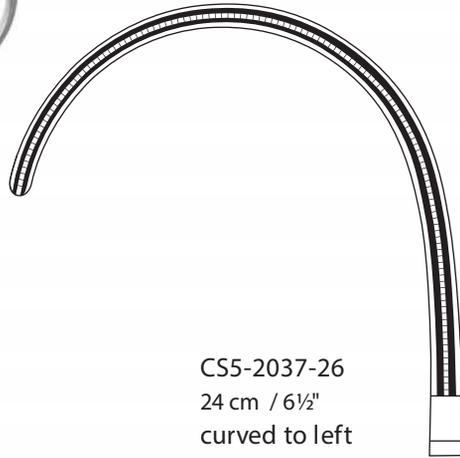


CS5-2047-27  
27,5 cm / 10¾"

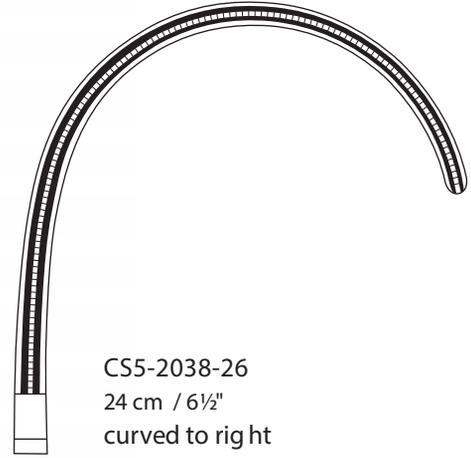
## Atraumatic Vascular Clamps



WEBER



CS5-2037-26  
24 cm / 6½"  
curved to left



CS5-2038-26  
24 cm / 6½"  
curved to right

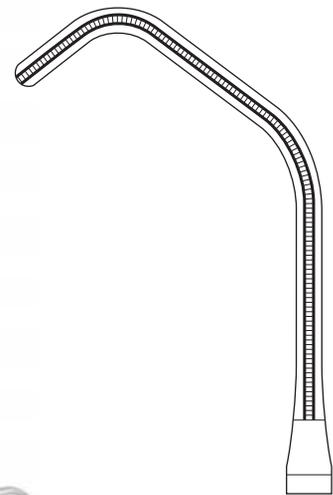


LEMOLE-STRONG  
20 cm / 8"

CS5-5375-20  
45°



DEBAKEY-SATINSKY



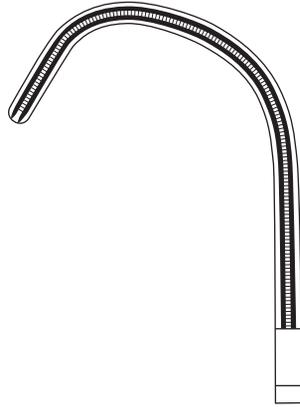
24 cm / 6½"  
25 cm / 8"

CS5-2256-02  
CS5-2256-03

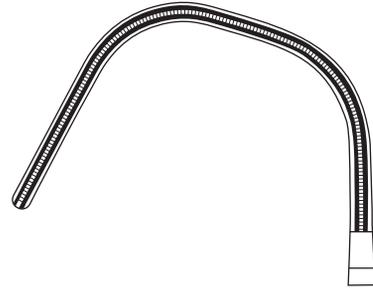
## Atraumatic Vascular Clamps



LAMBERT-KAY



CS5-2040-21  
21 cm / 8¼"



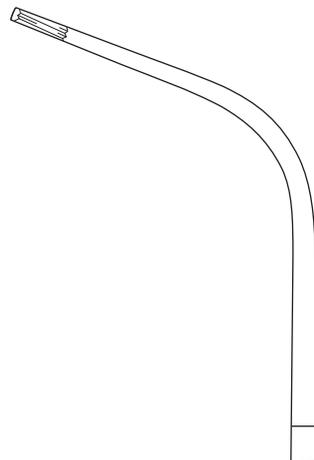
CS5-2040-20  
22 cm / 8¾"



JAVID  
Carotid Shunt Clamps



CS5-2000-17  
Ø 3,6 mm ; 16 cm / 6¼"

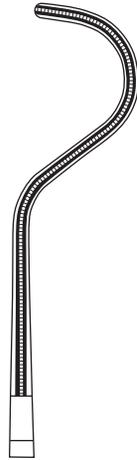


CS5-2000-19  
Ø 6 mm ; 18,5 cm / 7¼"

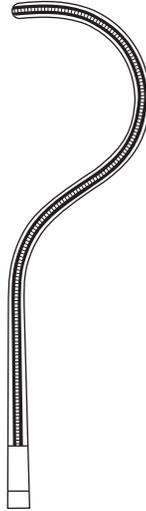
## Atraumatic Vascular Clamps



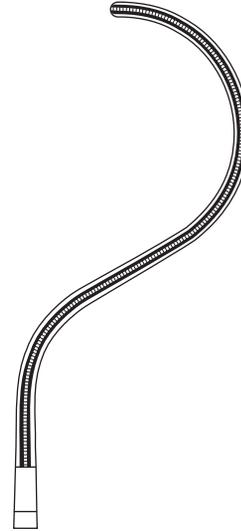
DALE  
Peripheral clamps



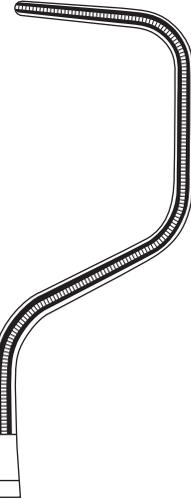
CS5-2068-17  
17 cm / 6<sup>3</sup>/<sub>4</sub>"



CS5-2068-18  
18 cm / 7 "



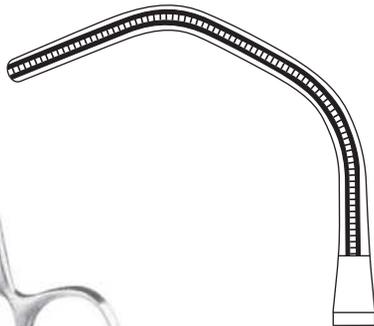
CS5-2068-19  
19 cm / 7<sup>1</sup>/<sub>2</sub>"



CS5-2067-18  
18 cm / 7"  
angled



DIETRICH



CS5-2039-21  
22 cm / 8<sup>3</sup>/<sub>4</sub>"



DEBAKEY-OCHSNER



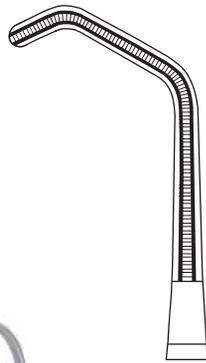
CS5-2039-23  
23,5 cm / 9<sup>1</sup>/<sub>4</sub>"

## Atraumatic Vascular Clamps

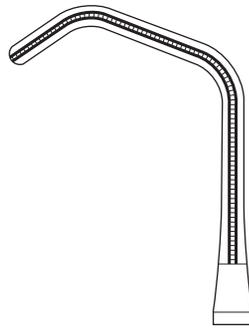
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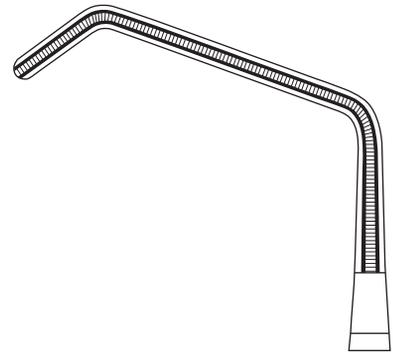
DEBAKEY-BECK  
Tangential occlusion clamps



CS5-2011-17  
16,5 cm / 6½"



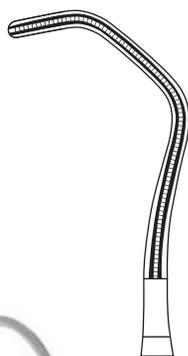
CS5-2248-01  
19,5 cm / 7¾"



CS5-2248-02  
20,5 cm / 8"



DEBAKEY

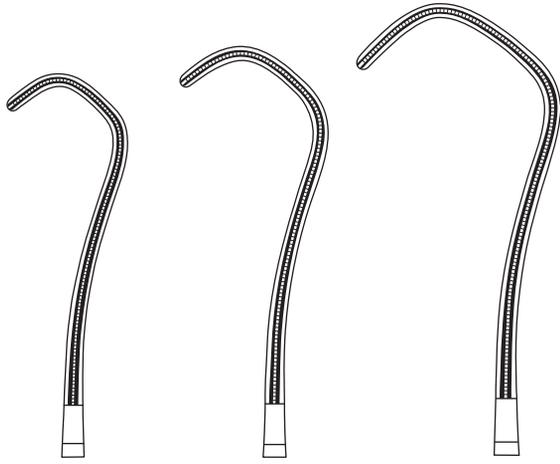


CS5-2012-17  
17 cm / 6¾"

## Atraumatic Vascular Clamps



DEBAKEY DERRA



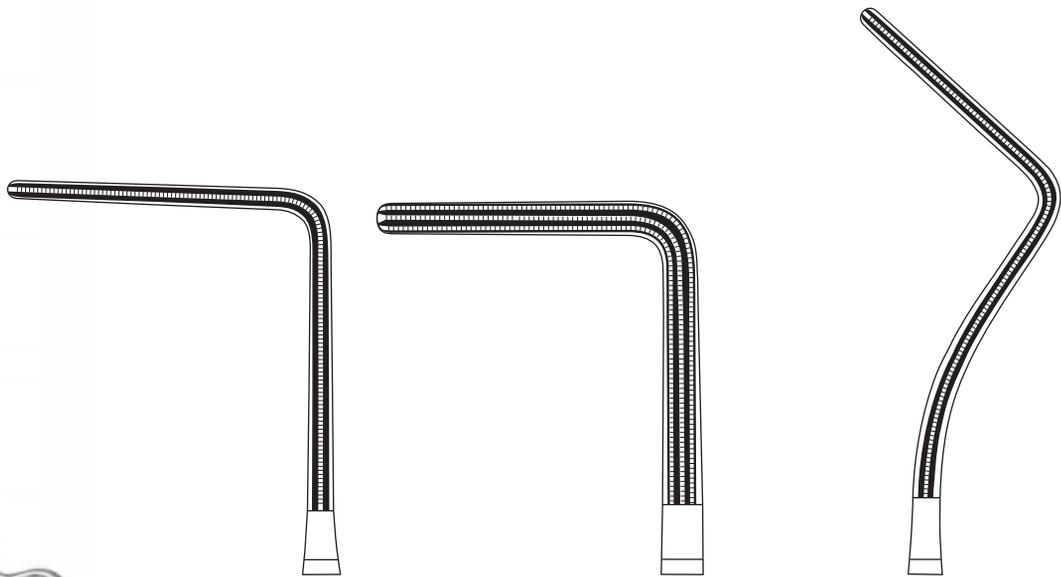
CS5-2010-16  
16 cm / 6½"

CS5-2010-17  
17 cm / 7¾"

CS5-2010-18  
18 cm / 8"



LEES  
Bronchus clamps

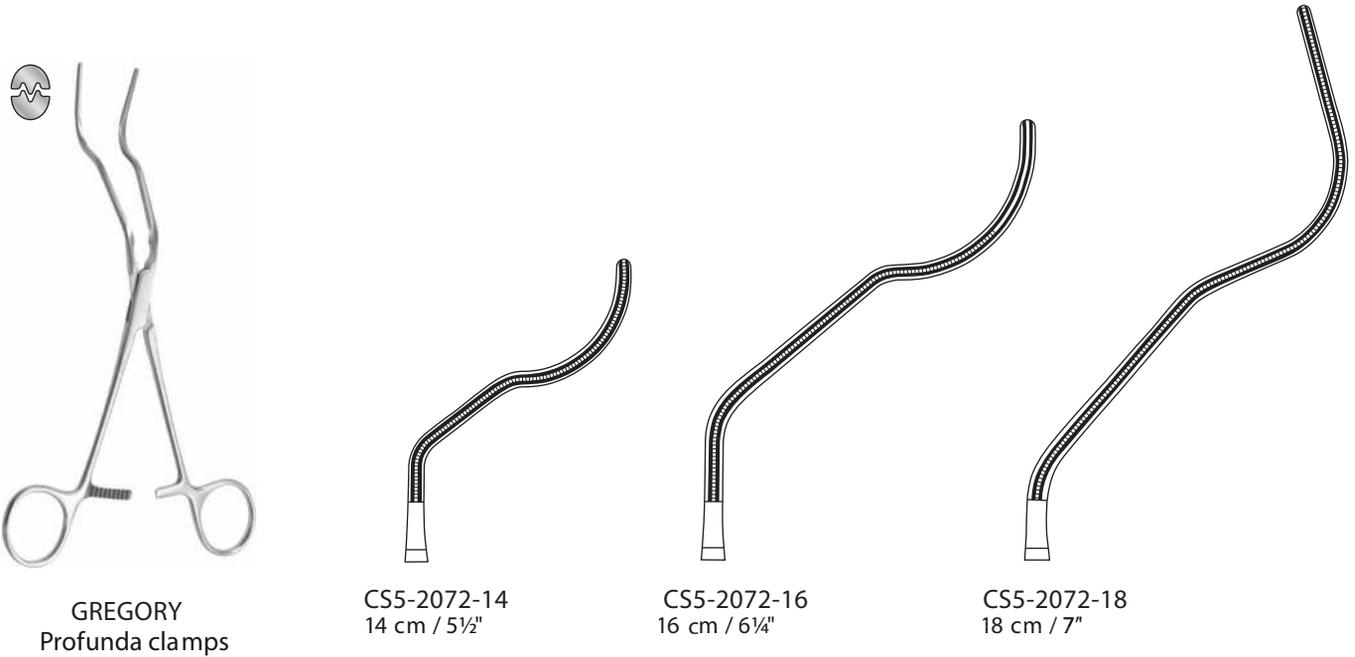


CS5-2025-23  
23 cm / 9"

CS5-2025-25  
25 cm / 10"

CS5-2026-25  
25 cm / 10"

## Atraumatic Vascular Clamps



GREGORY  
Profunda clamps

CS5-2072-14  
14 cm / 5 1/2"

CS5-2072-16  
16 cm / 6 1/4"

CS5-2072-18  
18 cm / 7"

## Great Vessel Clamp



AC 600.10

Great Vessel Clamp		
Name	Description	Item Number
Great Vessel Clamp	70 mm / 1x2 DeBakey, 330 mm	AC 600.10

## Atraumatic Vascular Clamps



BAINBRIDGE



CS5-2022-15  
15 cm / 6"



CS5-2022-18  
18 cm / 7"



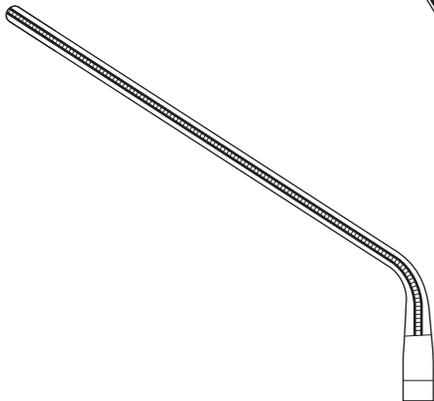
CS5-2023-15  
15 cm / 6"



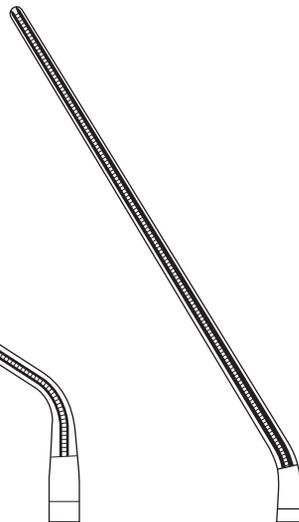
CS5-2023-18  
18 cm / 7"



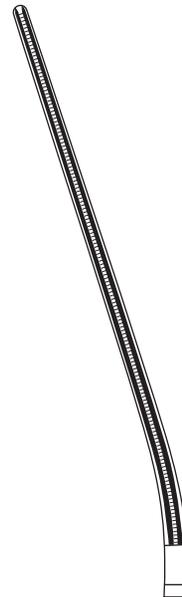
LELAND JONES



CS5-2061-19  
18 cm / 7"  
45°



CS5-2060-19  
19 cm / 7½"  
30°



CS5-2059-19  
20 cm / 8"  
15°

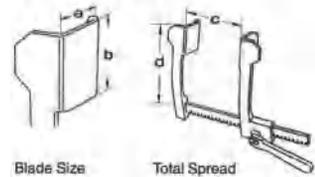


CS5-2058-19  
19 cm / 7½"  
Shank straight

## Rib Spreader



Dimensional Diagram

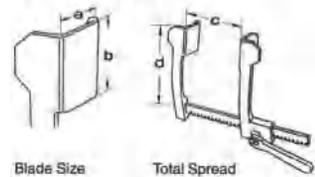


### DUBOST

	Description	A / Blade depth	B / Blade depth	C / Spreading width	D / Arm length
CS9-1029-00	with 3 pairs of blades, small, medium and large	40mm	100mm	120mm	90mm
		50mm	100mm	120mm	90mm
		60mm	100mm	120mm	90mm



Dimensional Diagram

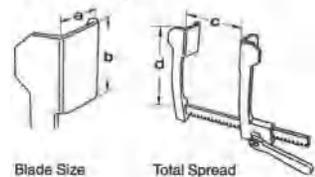


### CARDIO BASE

	Description	A / Blade depth	B / Blade depth	C / Spreading width	D / Arm length
CS9-1013-00	Including retractor frame, 2 pcs Inserts, 1 pair of blades.	30mm	100mm	190mm	190mm



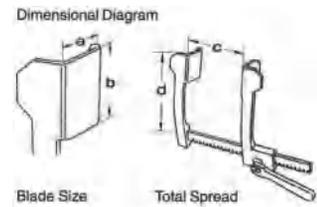
Dimensional Diagram



### COSGROVE

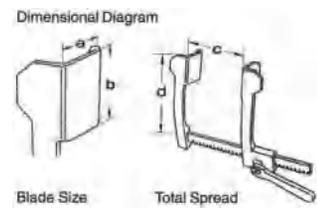
	A / Blade depth	B / Blade depth	C / Spreading width	D / Arm length
CS9-1040-00	35mm	100mm	190mm	165mm

## Rib Spreader



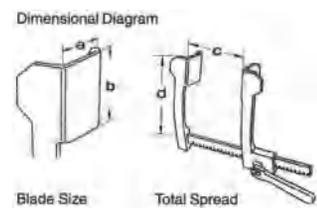
### MORSE FAVOROLO

	Description	A / Blade depth	B / Blade depth	C / Spreading width	D / Arm length
<b>CS9-1016-00</b>	Adult size	40mm	20mm	155mm	175mm
<b>CS9-1017-00</b>	Child size	12mm	20mm	155mm	120mm



### TURN-OVER

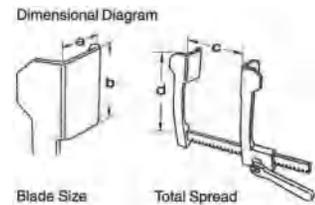
	A / Blade depth	B / Blade depth	C / Spreading width	D / Arm length
<b>CS9-1031-00</b>	8mm	16mm	37mm	31mm
<b>CS9-1031-01</b>	10mm	30mm	50mm	65mm
<b>CS9-1031-02</b>	16mm	45mm	80mm	75mm
<b>CS9-1031-03</b>	16mm	45mm	100mm	75mm
<b>CS9-1031-04</b>	18mm	55mm	100mm	85mm



### FINOCHIETTO

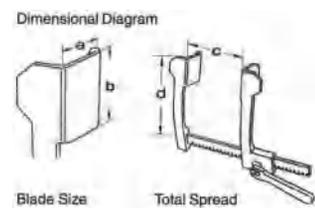
	A / Blade depth	B / Blade depth	C / Spreading width	D / Arm length
<b>CS9-1022-03</b>	30mm	45mm	140mm	110mm
<b>CS9-1022-04</b>	42mm	62mm	185mm	140mm
<b>CS9-1022-05</b>	73mm	65mm	185mm	140mm

## Rib Spreader



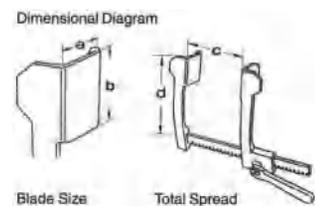
### FINOCHIETTO BABY HAIGHT

	A / Blade depth	B / Blade depth	C / Spreading width	D / Arm length
<b>CS9-1022-02</b>	28mm	30mm	100mm	75mm



### FINOCHIETTO INFANT

	A / Blade depth	B / Blade depth	C / Spreading width	D / Arm length
<b>CS9-1022-01</b>	12mm	15mm	70mm	55mm



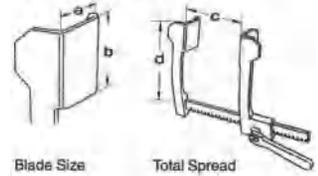
### TUFFIER

	A / Blade depth	B / Blade depth	C / Spreading width	D / Arm length
<b>CS9-1019-00</b>	42mm	45mm	170mm	110mm

## Rib Spreader



Dimensional Diagram

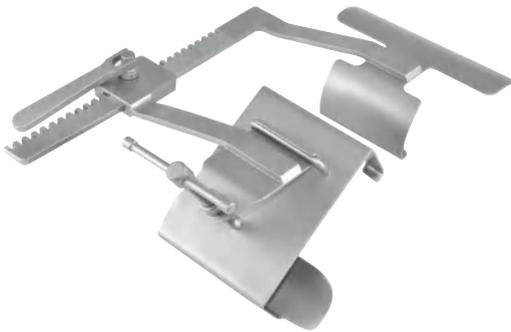


Blade Size

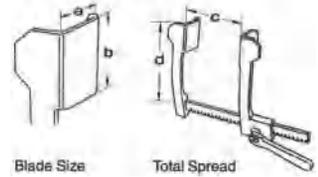
Total Spread

## CERVICAL SPINE RETRACTORS

		A / Blade depth	B / Blade depth	C / Spreading width	D / Arm length
<b>CS9-1061-01</b>	Frame only			130mm	100mm
<b>CS9-1079-01</b>	Blunt blade	40mm	23mm		
<b>CS9-1079-02</b>	Blunt blade	45mm	23mm		



Dimensional Diagram



Blade Size

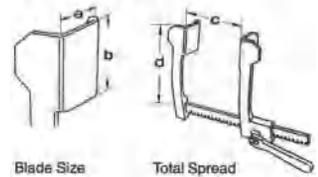
Total Spread

## MAMMARIA RETRACTOR

	A / Blade depth	B / Blade depth	C / Spreading width	D / Arm length
<b>CS9-1047-00</b>	55mm	100mm	170mm	130mm



Dimensional Diagram



Blade Size

Total Spread

## MAMMARIA RETRACTOR

	Including	A / Blade depth	B / Blade depth	C / Spreading width	D / Arm length
<b>CS9-1048-00</b>	Hook, small	30mm	20mm	200mm	170mm
	Hook, large	40mm	20mm		
	Sternal Blade	20mm	100mm		

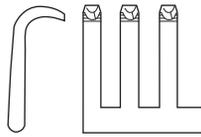
## Self Retaining Retractor



WEITLANER

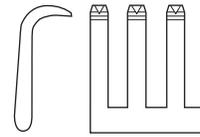
2 x 3 teeth  
10,5 cm / 4¼"

blunt



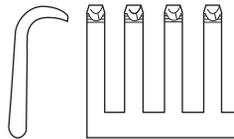
CS9-2012-10

sharp

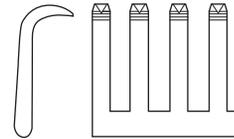


CS9-2011-10

3 x 4 teeth  
13 cm / 5"  
16,5 cm / 6½"  
20 cm / 8"  
24 cm / 9½"



CS9-2012-14  
CS9-2012-16  
CS9-2012-20  
CS9-2012-24

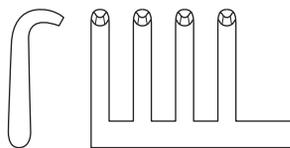


CS9-2011-14  
CS9-2011-16  
CS9-2011-20  
CS9-2011-24



ADSON

blunt



3 x 4 teeth  
14 cm / 5½"  
16 cm / 6¼"  
20 cm / 8"

CS9-2016-14  
CS9-2016-16  
CS9-2016-20

## Accessories

Name	Diameter / Length	Item Number
Double Tip Dilator	Ø1mm, Ø2mm / 19cm	CS9-1915-01
Double Tip Dilator	Ø3mm, Ø4mm / 19cm	CS9-1915-02
Double Tip Dilator	Ø5mm, Ø6mm / 19cm	CS9-1915-03
Double Tip Dilator	Ø7mm, Ø8mm / 19cm	CS9-1915-04
Double Tip Dilator	Ø9mm, Ø10mm / 19cm	CS9-1915-05
Double Tip Dilator	Ø11mm, Ø12mm / 19cm	CS9-1915-06
Double Tip Dilator	Ø13mm, Ø14mm / 19cm	CS9-1915-07
Double Tip Dilator	Ø15mm, Ø16mm / 19cm	CS9-1915-08
Double Tip Dilator	Ø17mm, Ø18mm / 19cm	CS9-1915-09
Double Tip Dilator	Ø19mm, Ø20mm / 19cm	CS9-1915-10



Double Tip Dilator  
Stainless steel



26 cm

22 x 30mm | CS4-1000-26



GIL-VERNET  
24 cm / 9½"

8 mm  
11 mm  
15 mm  
17 mm  
20 mm  
23 mm



CS9-1080-01  
CS9-1080-02  
CS9-1080-03  
CS9-1080-04  
CS9-1080-05  
CS9-1080-06