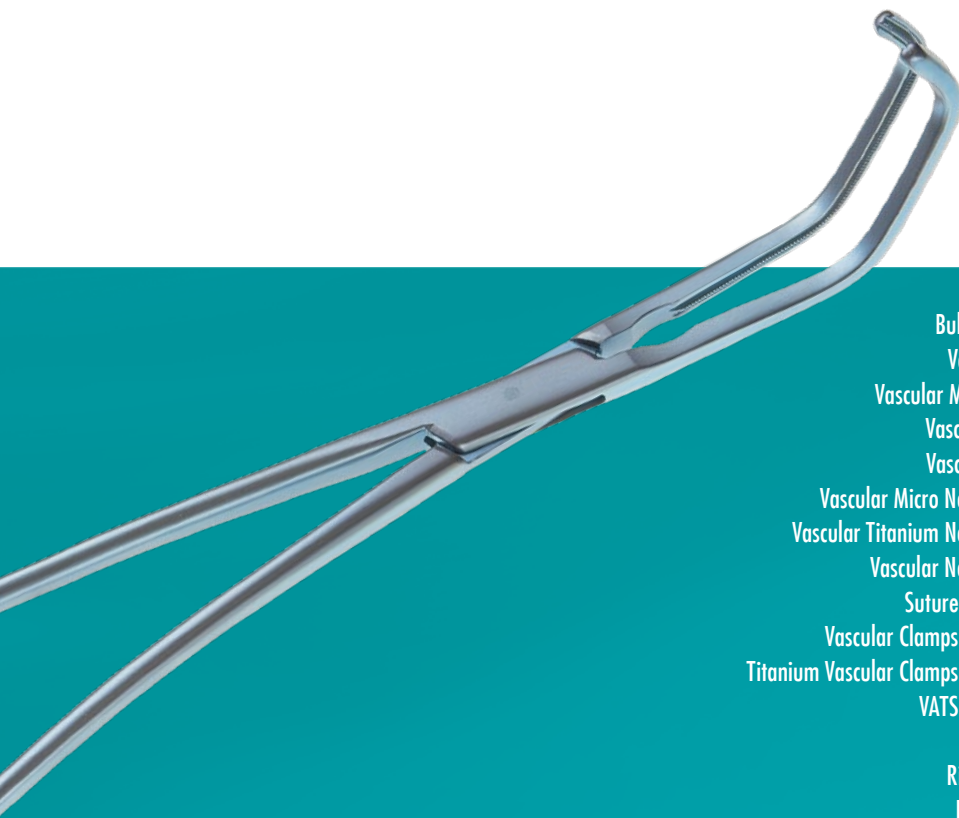


THORACIC & VASCULAR SURGERY



Bulldog Clamps
Vessel Clamps
Vascular Micro Scissors
Vascular Scissors
Vascular Forceps
Vascular Micro Needle Holder
Vascular Titanium Needle Holder
Vascular Needle Holder
Suture Instruments
Vascular Clamps and Forceps
Titanium Vascular Clamps and Forceps
VATS Instruments
Rib Shears
Rib Raspatory
Rib Spreader
Phlebectomy Instruments
Vessel Probes
Dilators
Intima Instruments
Tourniquets
Aortic Punches
Probes and Retractors

Ss



DIEFFENBACH

Bulldog Clamp, stainless steel,
extra delicate serrations, straight

35mm	140-114-035
40mm	140-114-040
50mm	140-114-050
60mm	140-114-060
curved	
35mm	140-115-035
40mm	140-115-050
50mm	140-115-055
60mm	140-115-060

Ss



JOHNS HOPKINS

Bulldog Clamp, stainless steel, straight

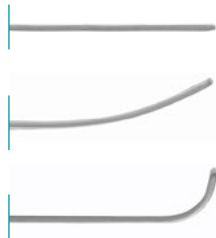
38mm	140-050-038
48mm	140-050-050
56mm	140-050-057
63mm	140-050-063
70mm	140-050-070
80mm	140-050-076
90mm	140-050-090
curved	
38mm	140-051-038
48mm	140-051-050
56mm	140-051-057
63mm	140-051-063
70mm	140-051-070
80mm	140-051-076
90mm	140-051-090

Suitable for Applying Forceps: 140-152-230



CLOSING PRESSURE

V (Vein): 110g (±10g)
A (Artery): 220g (±10g)



Ti

MINI GLOVER

Bulldog Clamp, Titanium

very delicate serrations, straight

(V) 30mm/9mm	140-116-030
(A) 30mm/9mm	140-116-130
(V) 35mm/13mm	140-116-035
(A) 35mm/13mm	140-116-135
(V) 40mm/14mm	140-116-040
(A) 40mm/14mm	140-116-140
(V) 50mm/23mm	140-116-050
(A) 50mm/23mm	140-116-150

slightly curved

(V) 30mm/9mm	140-117-030
(A) 30mm/9mm	140-117-130
(V) 35mm/13mm	140-117-035
(A) 35mm/13mm	140-117-135
(V) 40mm/14mm	140-117-040
(A) 40mm/14mm	140-117-140
(V) 50mm/23mm	140-117-050
(A) 50mm/23mm	140-117-150

strongly curved

(V) 30mm/9mm	140-118-030
(A) 30mm/9mm	140-118-130
(V) 35mm/13mm	140-118-035
(A) 35mm/13mm	140-118-135
(V) 40mm/14mm	140-118-040
(A) 40mm/14mm	140-118-140
(V) 50mm/23mm	140-118-050
(A) 50mm/23mm	140-118-150

Ss

MINI GLOVER

Bulldog Clamp, Stainless Steel

very delicate serrations, straight

(V) 30mm/9mm	140-130-030
(A) 30mm/9mm	140-130-130
(V) 35mm/13mm	140-130-035
(A) 35mm/13mm	140-130-135
(V) 40mm/14mm	140-130-040
(A) 40mm/14mm	140-130-140
(V) 50mm/23mm	140-130-050
(A) 50mm/23mm	140-130-150

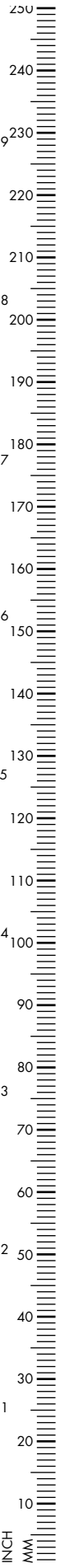
slightly curved

(V) 30mm/9mm	140-131-030
(A) 30mm/9mm	140-131-130
(V) 35mm/13mm	140-131-035
(A) 35mm/13mm	140-131-135
(V) 40mm/14mm	140-131-040
(A) 40mm/14mm	140-131-140
(V) 50mm/23mm	140-131-050
(A) 50mm/23mm	140-131-150

strongly curved

(V) 30mm/9mm	140-132-030
(A) 30mm/9mm	140-132-130
(V) 35mm/13mm	140-132-035
(A) 35mm/13mm	140-132-135
(V) 40mm/14mm	140-132-040
(A) 40mm/14mm	140-132-140
(V) 50mm/23mm	140-132-050
(A) 50mm/23mm	140-132-150

Suitable for Applying Forceps: 140-130-240



DEBAKEY

Bulldog Clamp, stainless steel,
delicate atraumatic serrations, straight

75mm	140-120-075
85mm	140-120-085
100mm	140-120-105
120mm	140-120-120
curved	
75mm	140-119-075
85mm	140-119-085
100mm	140-119-105
120mm	140-119-120

COOLEY

Bulldog Clamp, stainless steel,
Cooley serrations, straight

75mm	290-440-075
85mm	290-440-085
100mm	290-440-100
120mm	290-440-120
curved	
75mm	290-441-075
85mm	290-441-085
100mm	290-441-100
120mm	290-441-120

Suitable for Applying Forceps: 140-152-250



DEBAKEY DIETHRICH

Micro Coronary Bulldog Clamp, stainless steel,
atraumatic serrations, straight

10mm/45mm	290-120-010
14mm/50mm	290-120-014
20mm/60mm	290-120-020

curved	
10mm/45mm	290-122-010
14mm/50mm	290-122-014
20mm/60mm	290-122-020

CLOSING PRESSURE

Debakey: 180g (±10g)
Diethrich: 50g (±10g)



DIETHRICH

Micro Coronary Bulldog Clamp, stainless steel,
straight

8mm/45mm	140-125-080
12mm/50mm	140-125-120
20mm/60mm	140-125-200

curved	
8mm/45mm	140-122-080
12mm/50mm	140-122-120
20mm/60mm	140-122-200

angled	
10mm/35mm	290-121-010
14mm/45mm	290-121-014
20mm/60mm	290-121-020

angled	
8mm/35mm	140-121-080
12mm/45mm	140-121-120
20mm/60mm	140-121-200

Ss



DIETRICH

Micro Coronary Bulldog Clamp, stainless steel, without serrations, straight

8mm/45mm	140-008-045
12mm/50mm	140-012-050
20mm/60mm	140-020-060

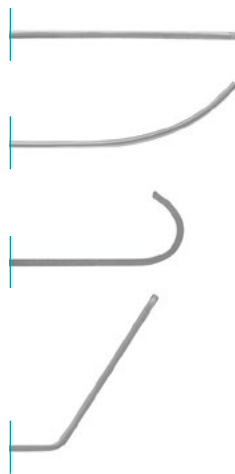
curved

8mm/45mm	140-208-045
12mm/50mm	140-212-050
20mm/60mm	140-220-060

angled

8mm/35mm	140-108-045
12mm/45mm	140-112-050
20mm/60mm	140-120-060

Ss



WELDON

Bulldog Clamp, stainless steel, very delicate serrations, straight

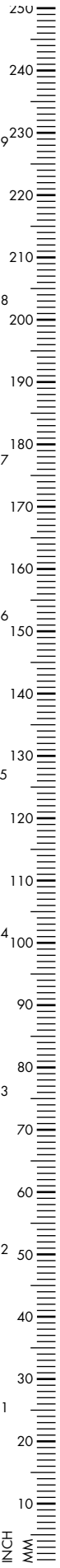
35mm	140-013-035
45mm	140-022-045
slightly curved	
35mm	140-015-035
45mm	140-023-045

strongly curved

35mm	140-016-035
45mm	140-024-045

angled

35mm	140-017-035
45mm	140-025-045



Ss



CLOSING PRESSURE
adjustable



DEBAKEY GLOVER

Bulldog Clamp, stainless steel,
delicate atraumatic serrations, straight

20mm/60mm	140-130-060
30mm/75mm	140-130-070
43mm/90mm	140-130-090
56mm/110mm	140-130-110

curved

20mm/60mm	140-131-060
30mm/75mm	140-131-070
43mm/90mm	140-131-090
56mm/110mm	140-131-110

angled

27mm/55mm	140-132-060
-----------	-------------



COOLEY GLOVER

Bulldog Clamp, stainless steel,
Cooley serrations, straight

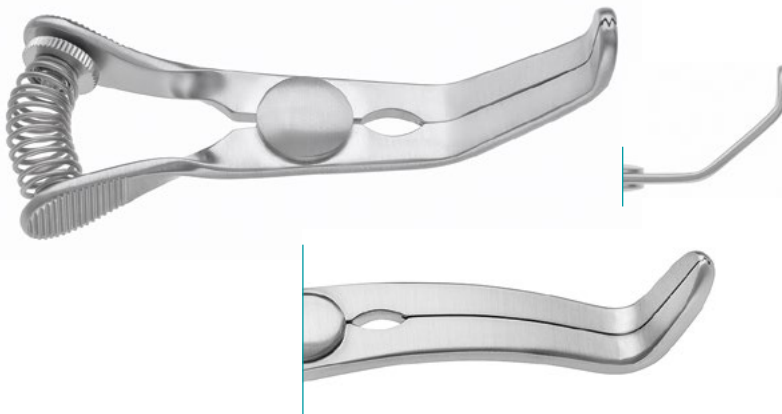
20mm/60mm	290-432-060
30mm/75mm	290-432-075
43mm/90mm	290-432-090
56mm/110mm	290-432-110

curved

20mm/60mm	290-433-060
30mm/75mm	290-433-075
43mm/90mm	290-433-090
56mm/110mm	290-433-110

CLOSING PRESSURE
adjustable

Ss

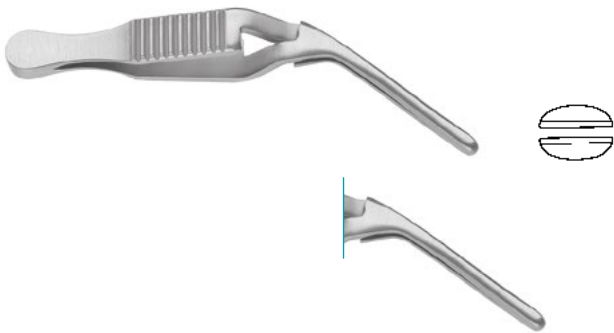


DEBAKEY GLOVER SATINSKY

Bulldog Clamp, stainless steel,
delicate atraumatic serrations,
double angulation

38mm/70mm	140-133-060
63mm/100mm	140-133-100

S_s

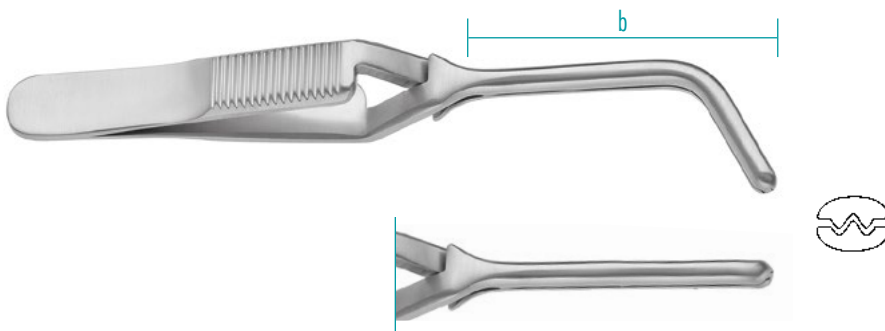


HESS

Bulldog Clamp, stainless steel,
delicate serrations, angled

20mm jaw	140-056-020
30mm jaw	140-056-030

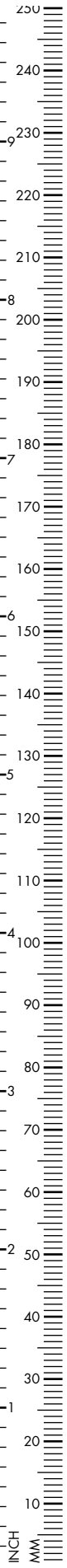
S_s



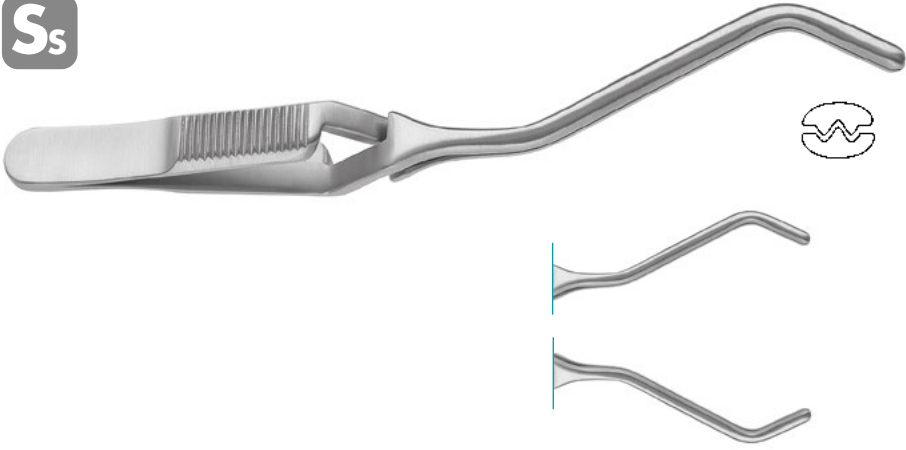
DEBAKEY GREGORY SOFT

Bulldog Clamp, stainless steel,
delicate atraumatic serrations, straight

Total length: 90mm b = 27mm	140-015-090
Total length: 110mm b = 44mm	140-015-110
angled	
Total length: 90mm b = 55mm	140-014-090
Total length: 110mm b = 60mm	140-014-110



Ss



DEBAKEY GREGORY

Bulldog Clamp, stainless steel,
delicate atraumatic serrations, left angled

Total length: 110mm 140-014-025

right angled

Total length: 110mm 140-114-025

Ss

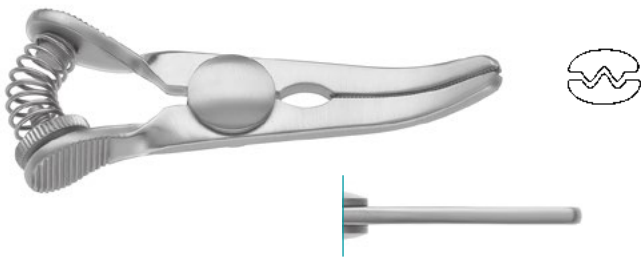


DEBAKEY SANTULLI

Bulldog Clamp, stainless steel,
delicate atraumatic serrations, curved

Total length: 70mm 140-135-070

Ss



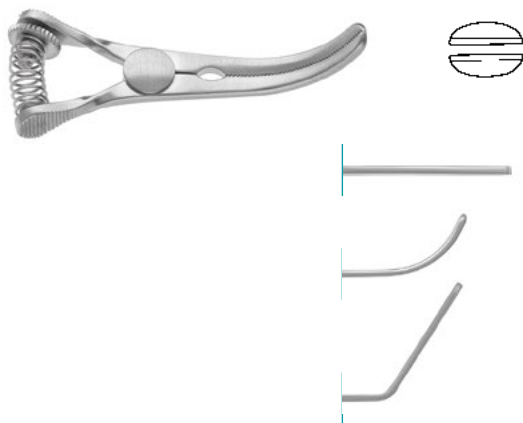
CLOSING PRESSURE
adjustable

DEBAKEY GLOVER DELICATE

Bulldog Clamp, stainless steel,
extra delicate atraumatic serrations, straight

20mm/50mm 290-410-050

Ss



CLOSING PRESSURE
adjustable

POTTS (JACOBSON)

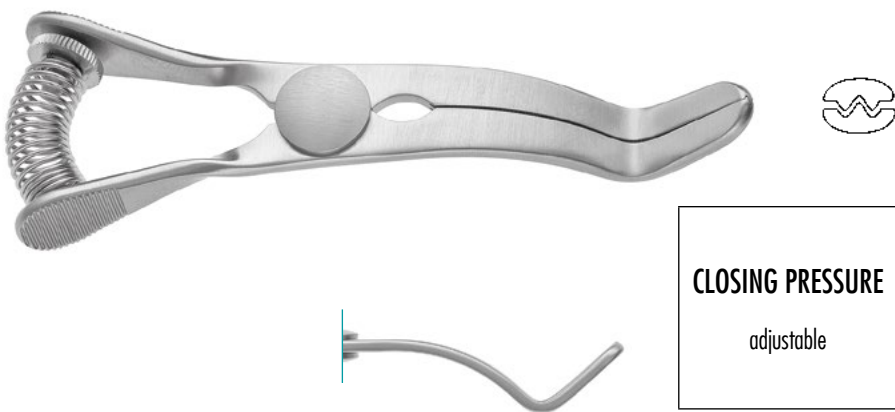
Bulldog Clamp, stainless steel,
very delicate serrations, 45mm

straight 290-410-045

curved 290-411-045

angled 290-412-045

Ss



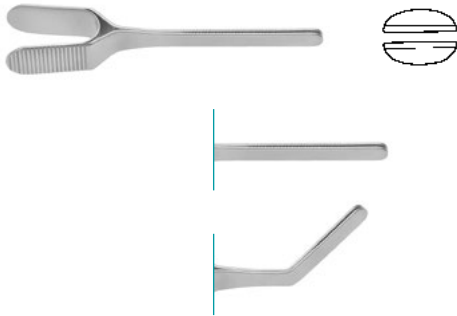
CLOSING PRESSURE
adjustable

DEBAKEY CAROTID

Bulldog Clamp, stainless steel,
delicate atraumatic serrations, special curved

90mm 140-133-095

S_s



CLOSING PRESSURE

30g

FEATHERLIGHT

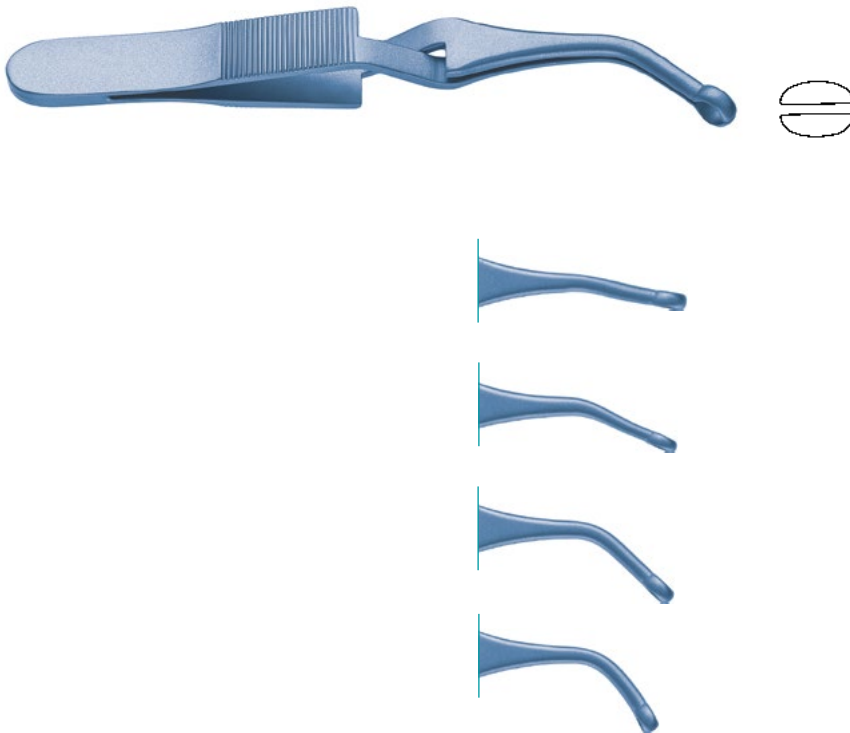
Bulldog Clamp, stainless steel, very delicate serrations, straight

10mm/30mm	140-310-030
14mm/35mm	140-314-035
18mm/40mm	140-318-040

angled

10mm/30mm	140-410-030
14mm/35mm	140-414-035
18mm/40mm	140-418-040

T_i



TITANIUM SHUNT

Bulldog Clamp, titanium, smooth jaw without any serrations, 95mm, 3³/₄" , 10Fr

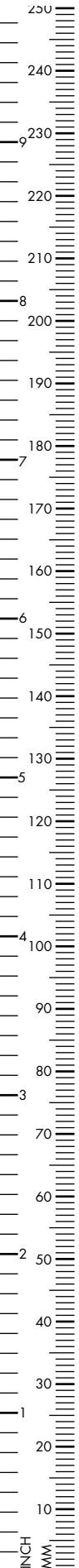
10°	290-795-010
25°	290-795-025
45°	290-795-045
60°	290-795-060

12Fr

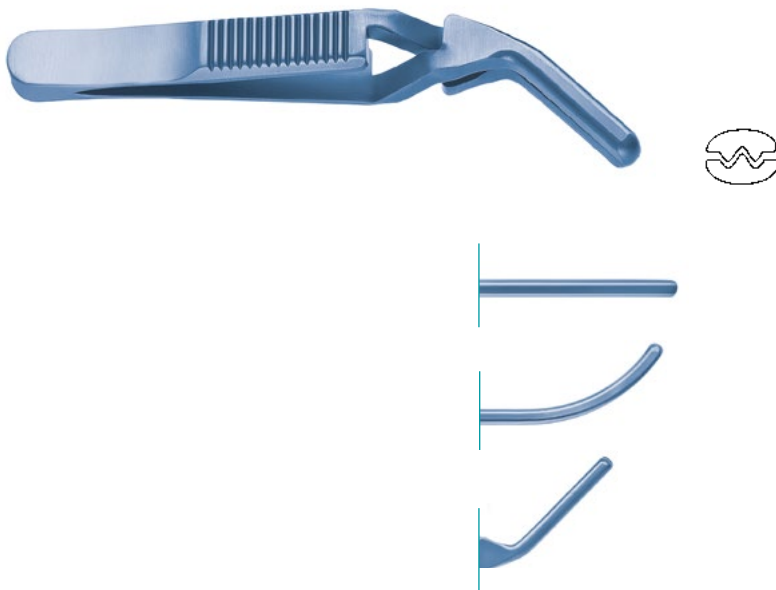
10°	290-795-210
25°	290-795-225
45°	290-795-245
60°	290-795-260

14Fr

10°	290-795-410
25°	290-795-425
45°	290-795-445
60°	290-795-460



Ti



DEBAKEY ATRAUMA TITANIUM

Bulldog Clamp, titanium,
extra delicate atraumatic serrations,
straight

70mm	290-740-070
80mm	290-740-080
90mm	290-740-090
100mm	290-740-100
110mm	290-740-110
120mm	290-740-120
130mm	290-740-130

curved

70mm	290-743-070
80mm	290-743-080
90mm	290-743-090
100mm	290-743-100
110mm	290-743-110
120mm	290-743-120
130mm	290-743-130

angled

70mm	290-745-070
80mm	290-745-080
90mm	290-745-090
100mm	290-745-100
110mm	290-745-110
120mm	290-745-120
130mm	290-745-130

Ti



DEBAKEY DIETRICH

Bulldog Clamp, titanium,
extra delicate atraumatic serrations, straight

Size	Part Number
10mm	290-760-010
14mm	290-760-014
20mm	290-760-020

curved

Size	Part Number
10mm	290-762-010
14mm	290-762-014
20mm	290-762-020

angled

Size	Part Number
10mm	290-761-010
14mm	290-761-014
20mm	290-761-020



DIETRICH

Extra delicate serrations, straight

Size	Part Number
8mm	140-760-008
12mm	140-760-012
20mm	140-760-020

curved

Size	Part Number
8mm	140-762-008
12mm	140-762-012
20mm	140-762-020

angled

Size	Part Number
8mm	140-761-008
12mm	140-761-012
20mm	140-761-020

Ss



WICKHAM

Bulldog Clamp, stainless steel,
very delicate serrations, straight

Size	Part Number
13mm/49mm	140-108-013
18mm/54mm	140-108-018
25mm/61mm	140-108-025

curved

Size	Part Number
13mm/47mm	140-109-013
18mm/51mm	140-109-018
25mm/65mm	140-109-025

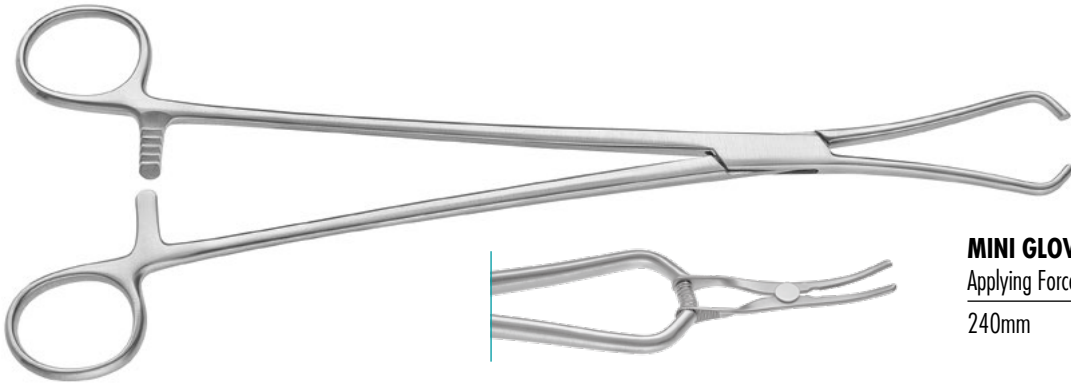
angled

Size	Part Number
13mm/48mm	140-110-013
18mm/52mm	140-110-018
25mm/49mm	140-110-026

CLOSING PRESSURE

150g (±10g)

Suitable for Applying Forceps: 140-108-230

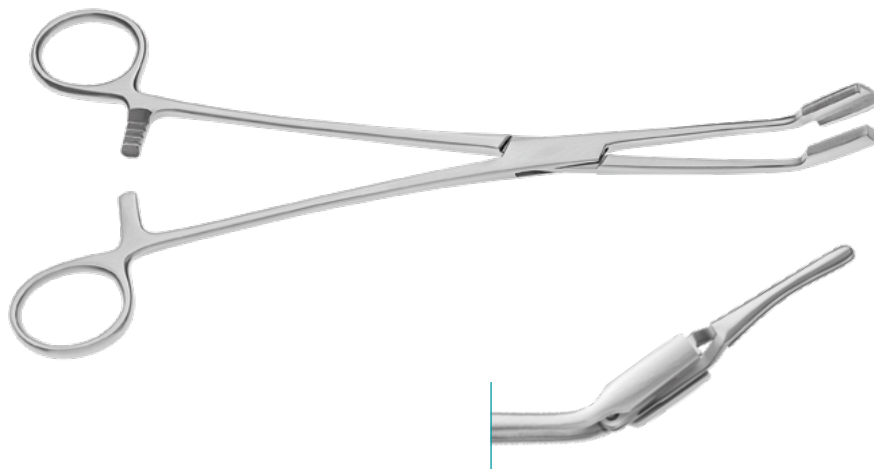


MINI GLOVER

Applying Forceps

240mm

140-130-240

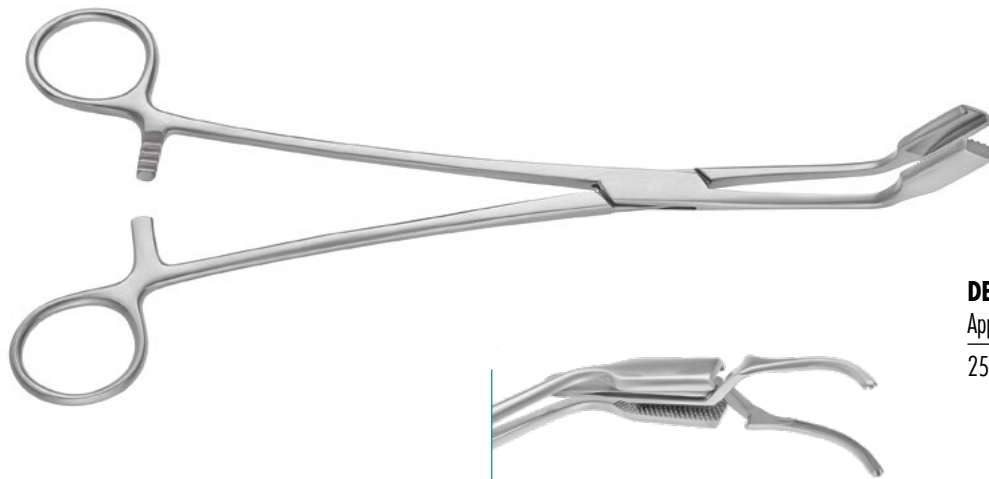


JOHNS HOPKINS

Applying Forceps

230mm

140-152-230

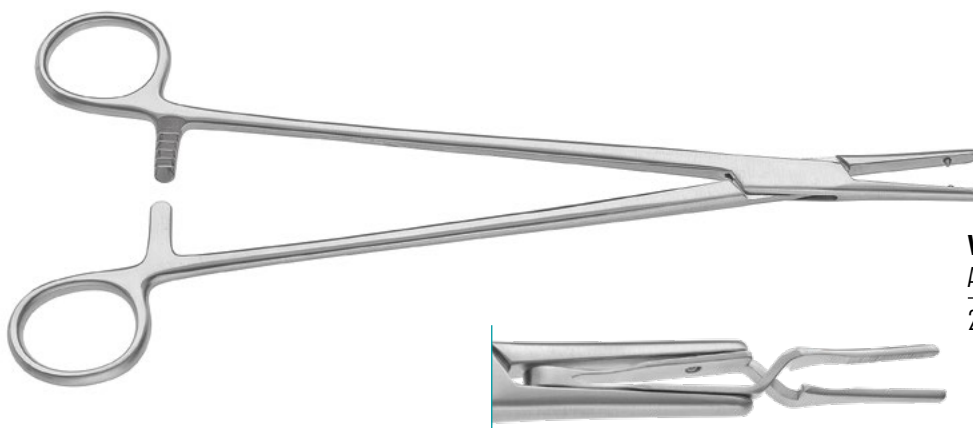


DEBAKEY ATRAUMA

Applying Forceps

250mm

140-152-250

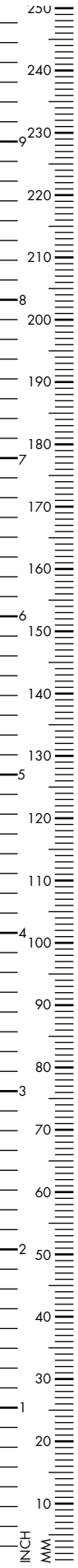


WICKHAM

Applying Forceps

230mm

140-108-230



**CLOSING
PRESSURE**
300 - 375g

Titanium Bulldog Clamp, straight,
Code V (Vein), blue

17mm jaw	300-100-773TV
25mm jaw	300-100-774TV
45mm jaw	300-100-771TV
60mm jaw	300-100-772TV



**CLOSING
PRESSURE**
475 - 500g

Titanium Bulldog Clamp, straight,
Code A (Artery), red

17mm jaw	300-100-773TA
25mm jaw	300-100-774TA
45mm jaw	300-100-771TA
60mm jaw	300-100-772TA



Vascular Bulldog Clamp, curved

17mm jaw	300-100-776
25mm jaw	300-100-777
45mm jaw	300-100-778
60mm jaw	300-100-779



**CLOSING
PRESSURE**
450 - 475g

Vascular Bulldog Clamp, straight

17mm jaw	300-100-773
25mm jaw	300-100-774
45mm jaw	300-100-771
60mm jaw	300-100-772



**CLOSING
PRESSURE**
450 - 475g

SATINSKY

Vascular Bulldog Clamp, upwards angled

60mm jaw	300-100-786
----------	-------------



**CLOSING
PRESSURE**
450 - 475g

SATINSKY

Vascular Bulldog Clamp

60mm jaw	300-100-789
----------	-------------



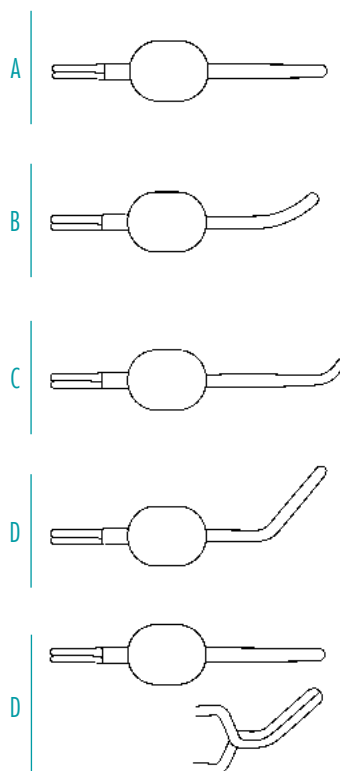
Endoscopic Bulldog Clamp Applier,
detachable, 10mm, rotating

330mm, 13" 300-410-775



Endoscopic Bulldog Clamp Applier,
detachable (insert only)

300-401-775



MÜLLER

Vessel Clip, atraumatic,
50g closing pressure

A straight	250-065-010
B curved	250-065-011
C curved tip	250-065-012
D angled to side	250-065-013
E knee-bent	250-065-014

80g closing pressure

A straight	250-065-020
B curved	250-065-021
D angled to side	250-065-023
E knee-bent	250-065-024



MÜLLER

Vessel Clip, atraumatic, straight

250g closing pressure	250-065-030
-----------------------	-------------

350g closing pressure	250-065-040
-----------------------	-------------



MÜLLER

Vessel Clip, atraumatic, angled

250g closing pressure	250-065-031
-----------------------	-------------

350g closing pressure	250-065-041
-----------------------	-------------



MÜLLER

Vessel Clip, atraumatic, curved

250g closing pressure	250-065-032
-----------------------	-------------

350g closing pressure	250-065-042
-----------------------	-------------



MÜLLER

Vessel Clip, atraumatic, knee bent

250g closing pressure	250-065-034
-----------------------	-------------

350g closing pressure	250-065-044
-----------------------	-------------

SINGLE CLAMPS (PACKED IN PAIRS)



FIG. 1 8mm, Vessel \varnothing 0.3-1.0mm	
(A) matt	270-001-001
(A) black	270-001-101
(V) matt	270-101-001
(V) black	270-101-101



FIG. 2 11mm, Vessel \varnothing 0.6-1.4mm	
(A) matt	270-001-002
(A) black	270-001-102
(V) matt	270-101-002
(V) black	270-101-102



FIG. 3 16mm, Vessel \varnothing 1.0-2.2mm	
(A) matt	270-001-003
(A) black	270-001-103
(V) matt	270-101-003
(V) black	270-101-103



FIG. 4 24mm, Vessel \varnothing 1.5-3.3mm	
(A) matt	270-001-004
(A) black	270-001-104
(V) matt	270-101-004
(V) black	270-101-104



FIG. 5 35mm, Vessel \varnothing 2.0-5.0mm	
(A) matt	270-001-005
(A) black	270-001-105
(V) matt	270-101-005
(V) black	270-101-105

DOUBLE CLAMPS APPROXIMATOR, ADJUSTABLE



FIG. 1 8mm, Vessel \varnothing 0.3-1.0mm	
(A) matt	270-002-001
(A) black	270-002-101
(V) matt	270-102-001
(V) black	270-102-101



FIG. 2 11mm, Vessel \varnothing 0.6-1.4mm	
(A) matt	270-002-002
(A) black	270-002-102
(V) matt	270-102-002
(V) black	270-102-102



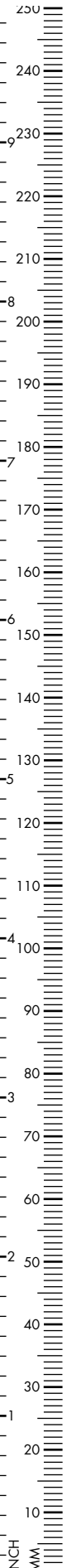
FIG. 3 16mm, Vessel \varnothing 1.0-2.2mm	
(A) matt	270-002-003
(A) black	270-002-103
(V) matt	270-102-003
(V) black	270-102-103



FIG. 4 24mm, Vessel \varnothing 1.5-3.3mm	
(A) matt	270-002-004
(A) black	270-002-104
(V) matt	270-102-004
(V) black	270-102-104



FIG. 5 35mm, Vessel \varnothing 2.0-5.0mm	
(A) matt	270-002-005
(A) black	270-002-105
(V) matt	270-102-005
(V) black	270-102-105



DOUBLE CLAMPS APPROXIMATOR WITH FRAME, ADJUSTABLE



FIG. 1 8mm, Vessel \varnothing 0.3-1.0mm

(A) matt	270-003-001
(A) black	270-003-101
(V) matt	270-103-001
(V) black	270-103-101



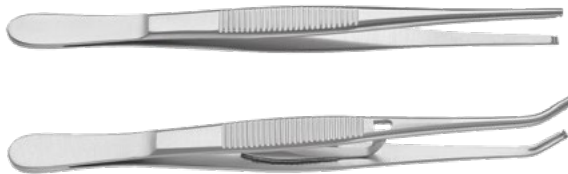
FIG. 2 11mm, Vessel \varnothing 0.6-1.4mm

(A) matt	270-003-002
(A) black	270-003-102
(V) matt	270-103-002
(V) black	270-103-102



FIG. 3 16mm, Vessel \varnothing 1.0-2.2mm

(A) matt	270-003-003
(A) black	270-003-103
(V) matt	270-103-003
(V) black	270-103-103



CLAMP APPLYING FORCEPS

140mm, 5¹/₂" , without ratchet, straight

For Fig. 1+2	270-103-140
For Fig. 3	270-104-160

with ratchet, straight

For Fig. 1+2	270-108-140
For Fig. 3	270-105-160

without ratchet, 30° angled

For Fig. 1+2	270-104-140
For Fig. 3	270-106-140

with ratchet, 30° angled

For Fig. 1+2	270-105-140
For Fig. 3	270-107-140

DOUBLE CLAMPS WITH FRAME



FIG. 1 8mm, Vessel \varnothing 0.3-1.0mm

(A) matt	270-004-001
(A) black	270-004-101
(V) matt	270-104-001
(V) black	270-104-101



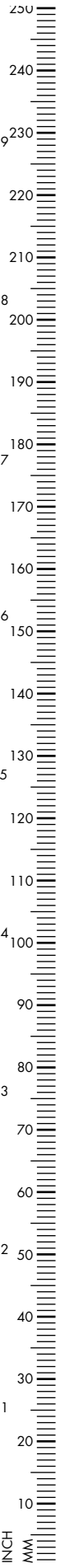
FIG. 2 11mm, Vessel \varnothing 0.6-1.4mm

(A) matt	270-004-002
(A) black	270-004-102
(V) matt	270-104-002
(V) black	270-104-102



FIG. 3 16mm, Vessel \varnothing 1.0-2.2mm

(A) matt	270-004-003
(A) black	270-004-103
(V) matt	270-104-003
(V) black	270-104-103



RZ DC-SINGLE CLAMP, ARTERY (PACKED IN PAIRS)

8mm, Vessel \varnothing 0.3-1.0mm



(A) matt	270-005-001
(A) black	270-005-101
(V) matt	270-105-001
(V) black	270-105-101

11mm, Vessel \varnothing 0.6-1.4mm



(A) matt	270-005-002
(A) black	270-005-102
(V) matt	270-105-002
(V) black	270-105-102

16mm, Vessel \varnothing 1.0-2.2mm



(A) matt	270-005-003
(A) black	270-005-103
(V) matt	270-105-003
(V) black	270-105-103

RADIAL CLAMPS



RZ-1	8mm, Vessel \varnothing 0.3-1.0mm
matt	270-010-001
black	270-110-001



RZ-2	11mm, Vessel \varnothing 0.6-1.4mm
matt	270-010-002
black	270-110-002



RZ-6	16mm, Vessel \varnothing 1.0-2.2mm
matt	270-010-003
black	270-110-003



RZ-6	8mm, Vessel \varnothing 0.3-1.0mm, straight
(A) matt	270-010-004
(A) black	270-110-004



BIEMER

Micro Approximator
jaw length: 6mm, opening: 4mm

250-064-571



BIEMER MÜLLER

Approximator, 9mm jaw,
25-30g closing pressure

straight 250-064-611

angled 250-064-612



BIEMER

Vessel Clip, jaw opening 4.0mm
Length of jaw 6.0mm

30-40g closing pressure 250-064-560

Jaw opening 5.0mm

Length of jaw 9.0mm

30-40g closing pressure 250-064-561

Jaw opening 5.0mm

Length of jaw 9.0mm

20-25g closing pressure 250-064-562



BIEMER

Applying Forceps, 145mm, 5³/₄"

without lock 250-064-568

with lock 250-064-569

DOUBLE CLAMPS APPROXIMATOR WITH FRAME, ADJUSTABLE



Fig. 1, 8mm, Vessel \varnothing 0.3 - 0.8mm

(A) matt 270-003-201

(V) matt 270-103-201

Fig. 2, 11mm, Vessel \varnothing 0.6 - 1.4mm

(A) matt 270-003-202

(V) matt 270-103-202

Fig. 3, 16mm, Vessel \varnothing 1.0 - 2.2mm

(A) matt 270-003-203

(V) matt 270-103-203

DOUBLE CLAMPS WITH FRAME



Fig. 1, 8mm, Vessel \varnothing 0.3 - 0.8mm

(A) matt 270-004-201

(V) matt 270-104-201

Fig. 2, 11mm, Vessel \varnothing 0.6 - 1.4mm

(A) matt 270-004-202

(V) matt 270-104-202

Fig. 3, 16mm, Vessel \varnothing 1.0 - 2.2mm

(A) matt 270-004-203

(V) matt 270-104-203

MICRO VASCULAR SINGLE CLAMPS (PACKED IN PAIRS)



Fig. 1, 8mm, Vessel \varnothing 0.3 - 0.8mm

(A) matt 270-001-201

(V) matt 270-101-201

Fig. 2, 11mm, Vessel \varnothing 0.6 - 1.4mm

(A) matt 270-001-202

(V) matt 270-101-202

Fig. 3, 16mm, Vessel \varnothing 1.0 - 2.2mm

(A) matt 270-001-203

(V) matt 270-101-203

Fig. 4, 24mm, Vessel \varnothing 1.5 - 3.3mm

(A) matt 270-001-204

(V) matt 270-101-204

Fig. 5, 35mm, Vessel \varnothing 2.0 - 4.0mm

(A) matt 270-001-205

(V) matt 270-101-205

DOUBLE CLAMPS APPROXIMATOR, ADJUSTABLE



Fig. 1, 8mm, Vessel \varnothing 0.3 - 0.8mm

(A) matt 270-002-201

(V) matt 270-102-201

Fig. 2, 11mm, Vessel \varnothing 0.6 - 1.4mm

(A) matt 270-002-202

(V) matt 270-102-202

Fig. 3, 16mm, Vessel \varnothing 1.0 - 2.2mm

(A) matt 270-002-203

(V) matt 270-102-203

Fig. 4, 24mm, Vessel \varnothing 1.5 - 3.3mm

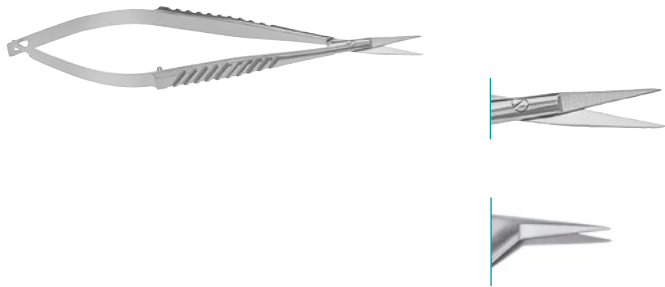
(A) matt 270-002-204

(V) matt 270-102-204

Fig. 5, 35mm, Vessel \varnothing 2.0 - 5.0mm

(A) matt 270-002-205

(V) matt 270-102-205



Adventitia Scissors, flat handle, straight
110mm, 4¹/₃"

13mm jaw 251-550-100

19mm jaw 251-550-110

150mm, 6"

15mm jaw 251-554-150

19mm jaw 251-550-150

19mm jaw (nerve) 251-552-150

180mm, 7"

20mm jaw 251-550-180

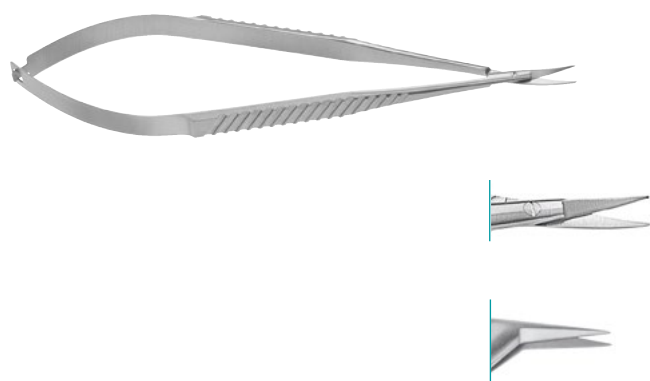
20mm jaw (nerve) 251-552-180

Adventitia Scissors, flat handle,
45° angled, 150mm, 6"

8mm jaw 251-563-150

45° angled, 180mm, 7"

12mm jaw 251-563-180



Dissecting Scissors, flat handle, curved
110mm, 4¹/₃"

13mm jaw 251-551-100

19mm jaw 251-551-110

20mm jaw (Westcott) 251-551-111

150mm, 6"

15mm jaw 251-555-150

19mm jaw 251-551-150

19mm jaw (nerve) 251-553-150

22mm jaw (Westcott) 251-551-151

180mm, 7"

20mm jaw 251-551-180

20mm jaw (nerve) 251-553-181

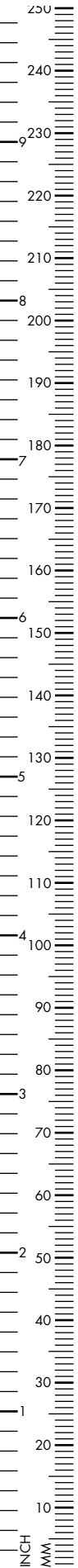
20mm (Westcott) 251-551-181

Dissecting Scissors, flat handle,
45° angled, 150mm, 6"

8mm jaw 251-556-150

45° angled, 180mm, 7"

12mm jaw 251-556-180



Ultra Fine Dissecting Scissors, flat handle,
12mm very delicate blade, 8mm handle width,
straight

150mm, 6" 251-566-150



Ultra Fine Adventitia Scissors, flat handle,
14mm very delicate blade, 8mm handle width,
straight

150mm, 6" 251-565-150



Dissecting Scissors, very delicate
curved, 12mm blade, Ø 8mm round handle

150mm, 6" 251-546-150

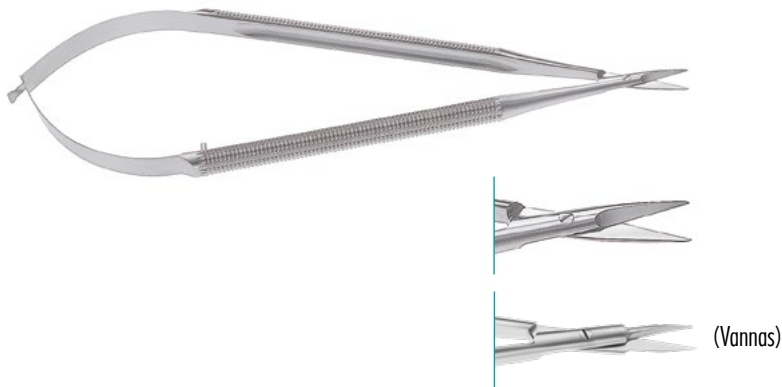
180mm, 7" 251-546-180



Adventitia Scissors, very delicate
straight, 14mm blade, Ø 8mm round handle

150mm, 6" 251-545-150

180mm, 7" 251-545-180



Adventitia Scissors, 7mm round handle, straight
120mm, 4^{3/4}"

11mm jaw 251-540-120

8mm round handle,
150mm, 6"

12mm jaw 251-540-150

12mm jaw (nerve) 251-542-150

12mm (Vannas) 251-560-150

8mm round handle,
170mm, 6^{2/3}"

10mm jaw 251-580-170

8mm round handle,
180mm, 7"

14mm jaw 120-178-180

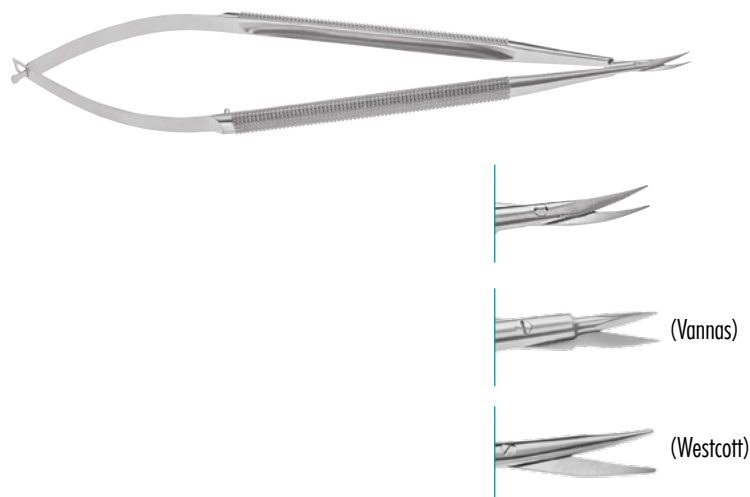
14mm jaw (nerve) 251-542-180

10mm round handle,
180mm, 7"

14mm jaw 251-558-180

8mm round handle,
180mm, 7"

21mm jaw 251-540-210



Dissecting Scissors, 7mm round handle, curved
120mm, 4^{3/4}"

11mm jaw 251-541-120

8mm round handle,
150mm, 6"

12mm jaw 251-541-150

12mm jaw (nerve) 251-543-150

12mm (Vannas) 251-559-150

20mm (Westcott) 251-541-151

8mm round handle,
180mm, 7"

14mm jaw 251-541-180

14mm jaw (nerve) 251-543-180

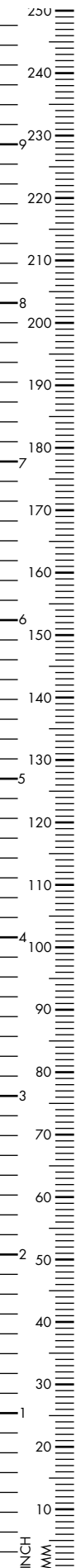
20mm (Westcott) 251-541-181

10mm round handle,
180mm, 7"

14mm jaw 251-557-180

8mm round handle,
210mm, 8^{1/4}"

21mm jaw 251-541-210



JACOBSON

Micro Coronary Scissors, 160mm, 6^{1/4}"
sharp blades, 8mm round handle
7mm micro blades, angled

25°	120-164-025
45°	120-164-045
60°	120-164-060
90°	120-164-090
125°	120-164-125

10mm micro blades, angled

25°	120-164-225
45°	120-164-245
60°	120-164-260
90°	120-164-290
125°	120-164-325



JACOBSON

Micro Coronary Scissors, 180mm, 7"
sharp blades, 8mm round handle
14mm blades

25°	120-184-225
45°	120-184-245
60°	120-184-260
90°	120-184-290
125°	120-184-325

ball tip blades

25°	120-184-425
45°	120-184-445
60°	120-184-460
90°	120-184-490
125°	120-184-425



POTTS

Ø 3.5mm, 45° angled, single action
working length:

170mm, 6 ² / ₃ "	295-034-045
250mm, 9 ⁷ / ₈ "	295-035-045
300mm, 11 ⁷ / ₈ "	295-037-045



POTTS

Ø 3.5mm, 90° angled, single action
working length:

170mm, 6 ² / ₃ "	295-034-090
250mm, 9 ⁷ / ₈ "	295-035-090
300mm, 11 ⁷ / ₈ "	295-037-090



POTTS

Ø 3.5mm, 125° angled, single action
working length:

170mm, 6 ² / ₃ "	295-034-125
250mm, 9 ⁷ / ₈ "	295-035-125
300mm, 11 ⁷ / ₈ "	295-037-125



POTTS

Ø 5.0mm, 125° angled, single action
working length:

170mm, 6 ² / ₃ "	295-048-125
250mm, 9 ⁷ / ₈ "	295-050-125
300mm, 11 ⁷ / ₈ "	295-052-125



METZENBAUM

Ø 5.0mm, straight, single action
working length:

170mm, 6 ² / ₃ "	295-048-000
250mm, 9 ⁷ / ₈ "	295-050-000
300mm, 11 ⁷ / ₈ "	295-052-000



METZENBAUM

Ø 5.0mm, straight, double action
working length:

170mm, 6 ² / ₃ "	295-048-010
250mm, 9 ⁷ / ₈ "	295-050-010
300mm, 11 ⁷ / ₈ "	295-052-010



METZENBAUM

Ø 5.0mm, 15° curved, double action
working length:

170mm, 6 ² / ₃ "	295-048-015
250mm, 9 ⁷ / ₈ "	295-050-015
300mm, 11 ⁷ / ₈ "	295-052-015



JAMESON

Ø 5.0mm, 15° curved, double action
working length:

170mm, 6 ² / ₃ "	295-048-020
250mm, 9 ⁷ / ₈ "	295-050-020
300mm, 11 ⁷ / ₈ "	295-052-020



METZENBAUM

Ø 5.0mm, 30° curved, double action
working length:

170mm, 6 ² / ₃ "	295-048-030
250mm, 9 ⁷ / ₈ "	295-050-030
300mm, 11 ⁷ / ₈ "	295-052-030



METZENBAUM

Ø 5.0mm, 70° curved, double action
working length:

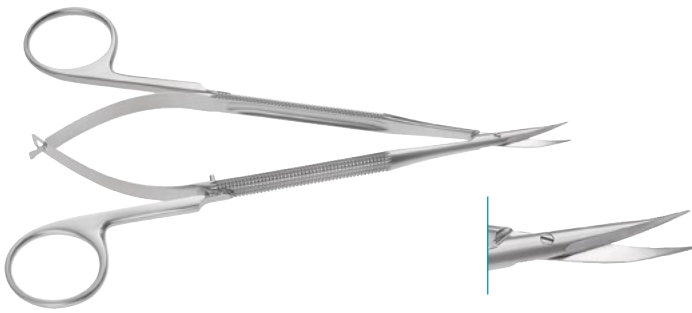
170mm, 6 ² / ₃ "	295-048-070
250mm, 9 ⁷ / ₈ "	295-050-070
300mm, 11 ⁷ / ₈ "	295-052-070



METZENBAUM

Ø 7.0mm, 15° curved, double action
working length:

170mm, 6 ² / ₃ "	295-069-015
250mm, 9 ⁷ / ₈ "	295-070-015
300mm, 11 ⁷ / ₈ "	295-071-015



WESTCOTT

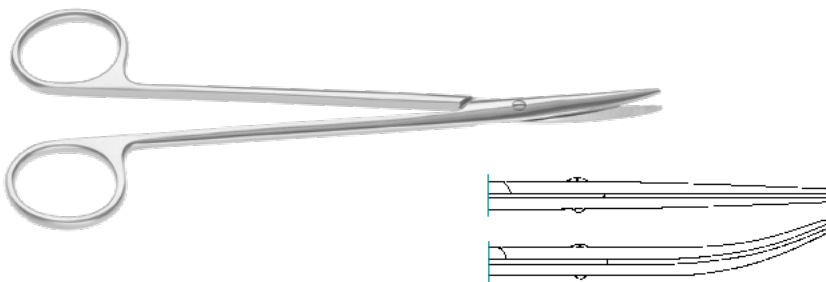
Dissecting Scissors, 8mm handle, curved
150mm, 6"

15mm jaw 251-570-150

20mm jaw 251-571-150

180mm, 7"

15mm jaw 251-570-180



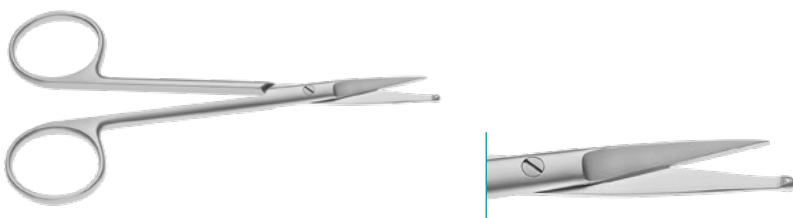
LINCOLN

Vascular Scissors, straight

170mm, 6^{2/3}" 120-260-170

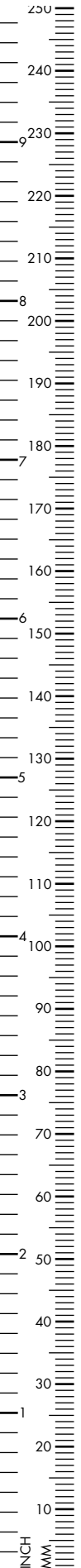
curved

170mm, 6^{2/3}" 120-261-170



Coronary Scissors, probe-pointed tip

115mm, 4^{1/2}" 120-420-115

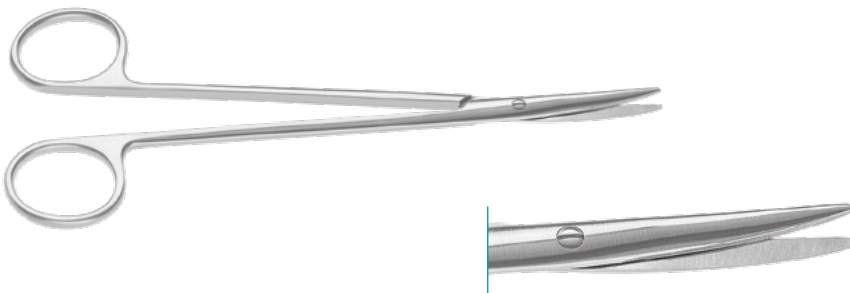




DEBAKEY

Endarterectomy Scissors, 180mm, 7"

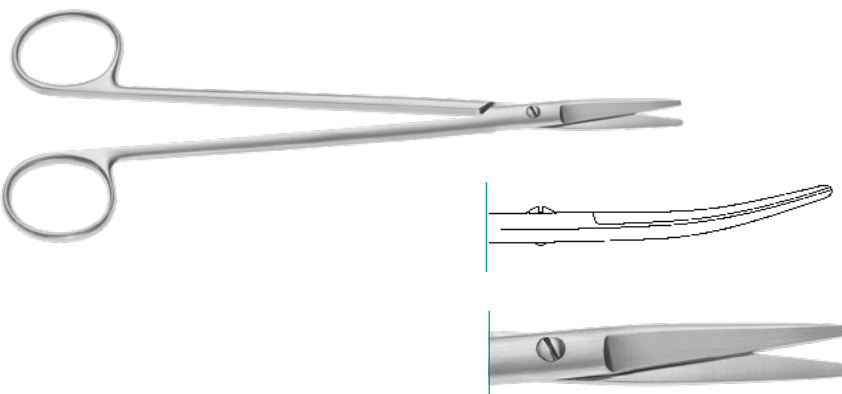
slightly curved	120-319-180
strongly curved	120-320-180



DE MARTEL

Vascular Scissors, 175mm, 6⁷/₈"

blunt	120-261-175
sharp	120-263-175



CHURCH

Vascular Scissors, slightly curved

170mm, 6 ² / ₃ "	120-255-170
255mm, 10"	120-255-255

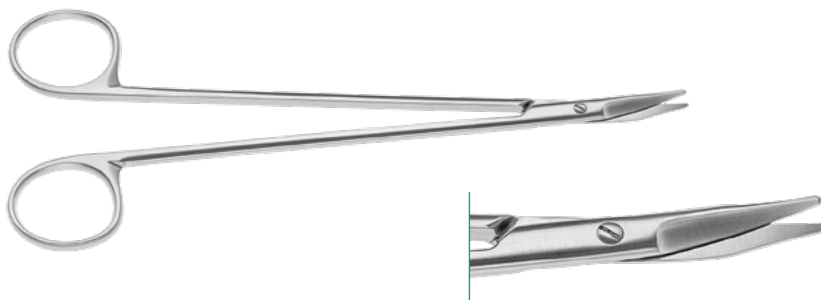


THOMPSON

Valve Scissors, strong curved

250mm, 9⁷/₈"

120-205-250

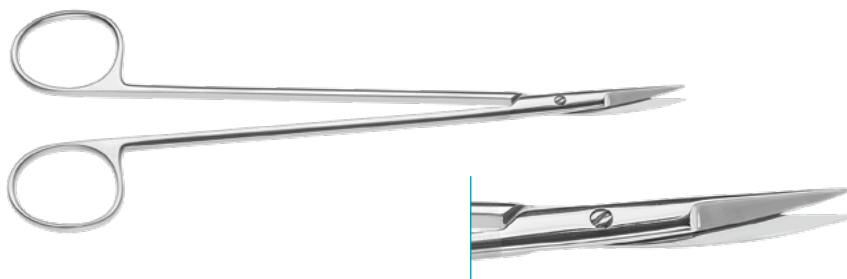


LAINÉ KINDAL

curved, tenotomy tip

180mm, 7"

125-282-778

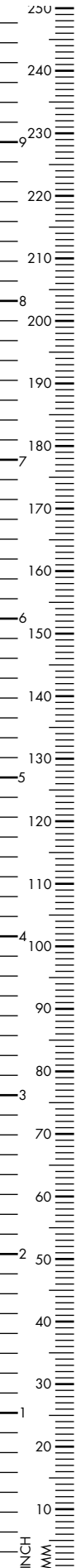


LAINÉ KINDAL

curved, sharp tip

180mm, 7"

125-282-776

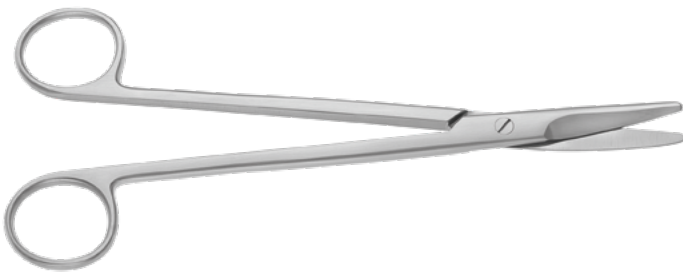




HOHENFELLER

S-curved

180mm, 7"	120-060-180
210mm, 8 ^{1/4} "	120-060-210
240mm, 9 ^{1/2} "	120-060-240



COOLEY

Vascular Scissors, curved

180mm, 7"	120-134-180
230mm, 9"	120-134-230



SATINSKY

Vascular Scissors, curved

245mm, 9 ^{2/3} "	120-203-245
---------------------------	-------------



DIETRICH

sharp, extra delicate, 14mm, 180mm, 7"

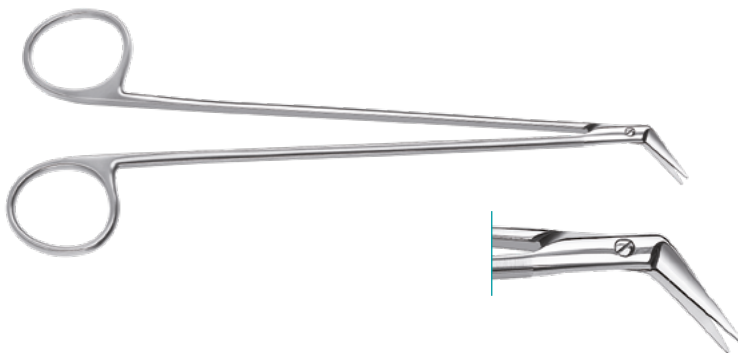
25° 125-170-025

45° 125-170-045

60° 125-170-060

90° 125-170-090

125° 125-170-125



DIETRICH

delicate, 14mm, 180mm, 7"

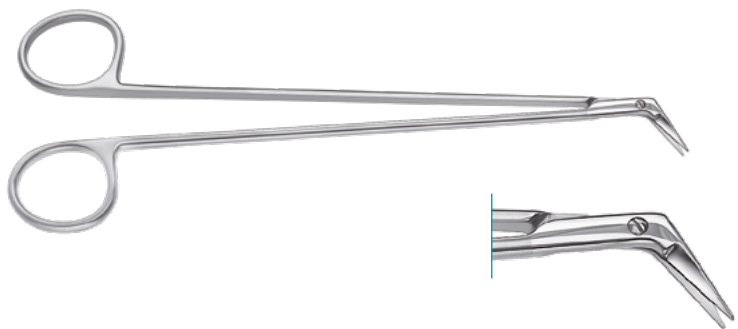
25° 125-175-025

45° 125-175-045

60° 125-175-060

90° 125-175-090

125° 125-175-125



DIETRICH HEGEMANN

13mm, 180mm, 7"

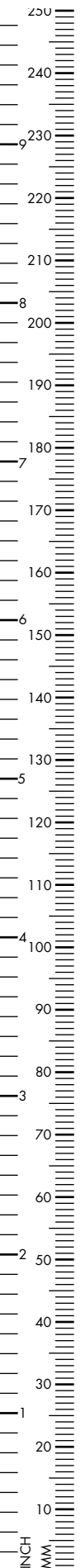
25° 125-180-025

45° 125-180-045

60° 125-180-060

90° 125-180-090

125° 125-180-125

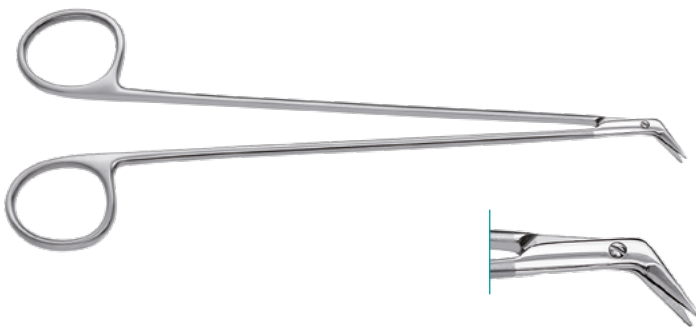




DIETRICH

Peripheral, 130mm, 5 1/8"

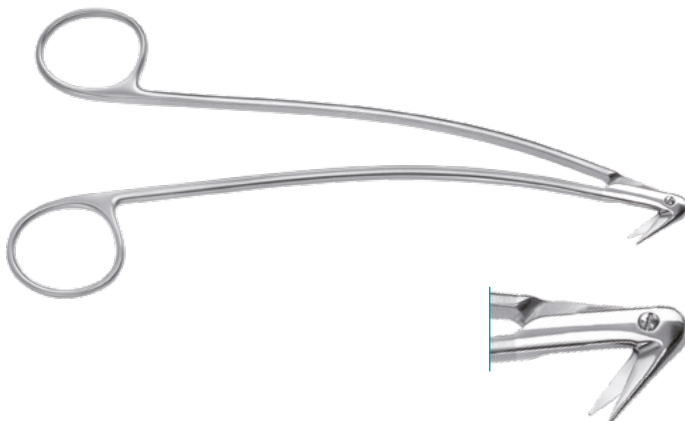
25°	125-130-025
45°	125-130-045
60°	125-130-060
90°	125-130-090
125°	125-130-125



DIETRICH

sharp blade, 9mm, 180mm, 7"

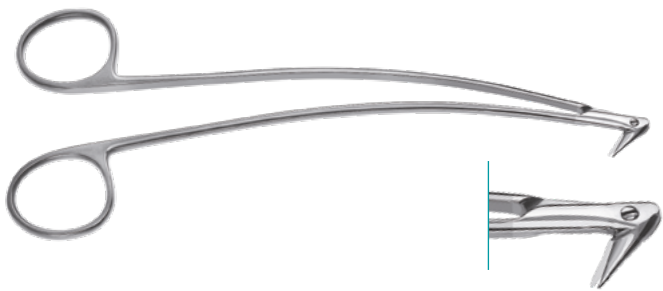
25°	125-178-025
45°	125-178-045
60°	125-178-060
90°	125-178-090
125°	125-178-125



DIETRICH FAVALORO

13mm, 180mm, 7"

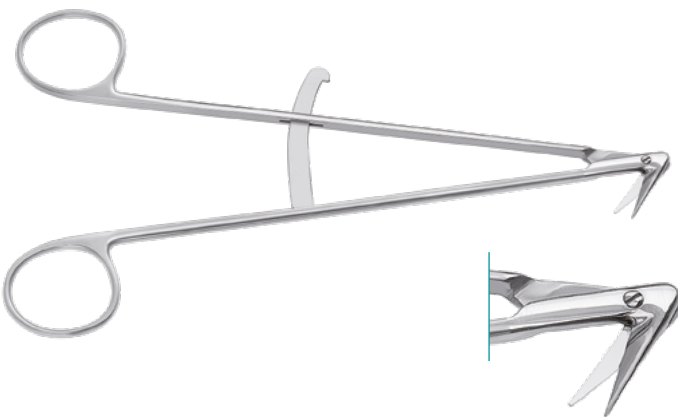
125°	125-185-125
------	-------------



DIETHRICH FAVALORO

9mm, 170mm, 6³/₄"

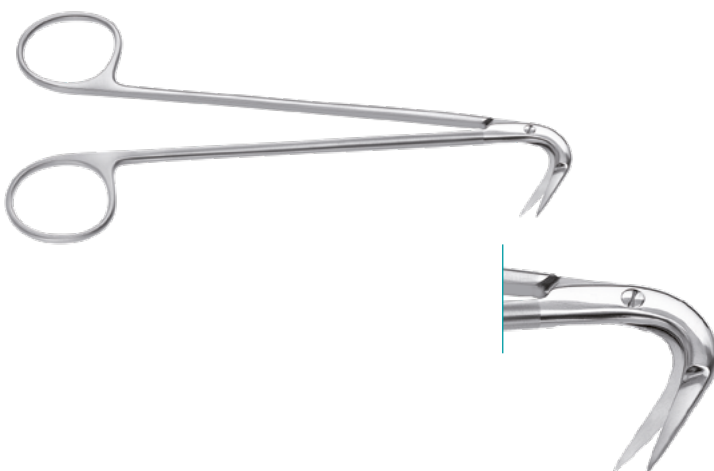
125° 125-168-125



DIETHRICH ARTERY

13mm, 180mm, 7"

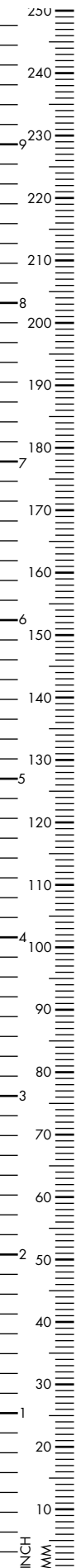
125° 125-200-125

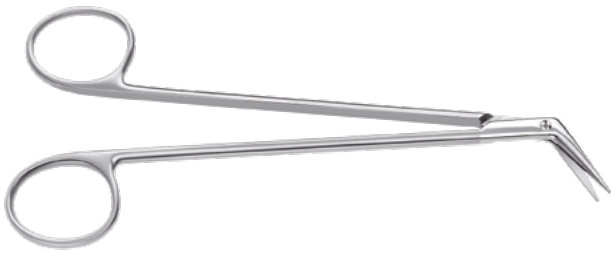


BEALL

Circumflex, 150mm, 6"

115° 125-300-115





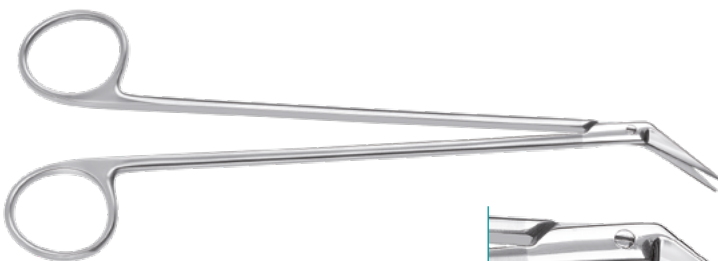
DIETRICH

26mm, 160mm, 6¹/₄"

25°, blunt tip	125-216-025
25°, sharp tip	125-217-025
45°, blunt tip	125-216-045
45°, sharp tip	125-217-045

225mm, 8⁷/₈"

25°, blunt tip	125-220-025
25°, sharp tip	125-221-025
45°, blunt tip	125-220-045
45°, sharp tip	125-221-045
60°, blunt tip	125-220-060
60°, sharp tip	125-221-060



POTTS SMITH

22mm, 190mm, 7¹/₂"

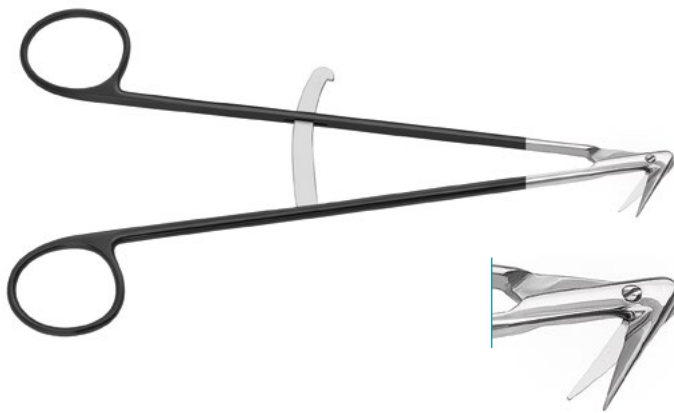
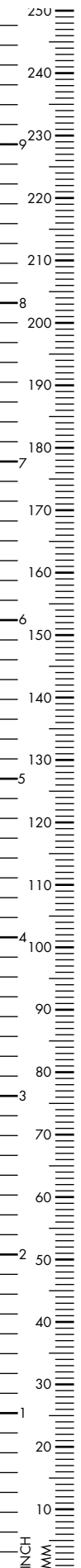
25°	125-490-025
45°	125-490-045
60°	125-490-060



POTTS SMITH

22mm, 140mm, 5¹/₂"

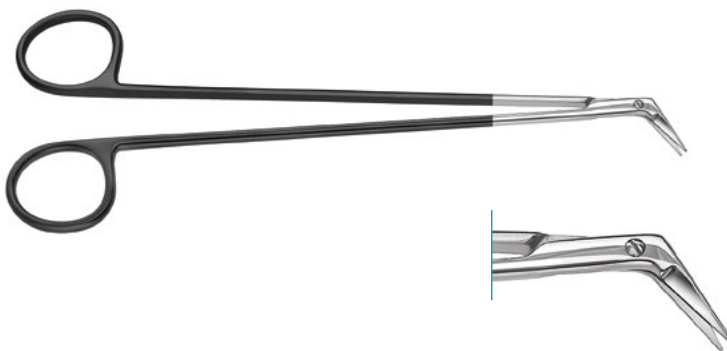
25°	125-440-025
45°	125-440-045
60°	125-440-060



DIETHRICH SC

13mm, with guide, 180mm, 7"

125°	126-200-125
------	-------------



DIETHRICH HEGEMANN SC

13mm, 180mm, 7"

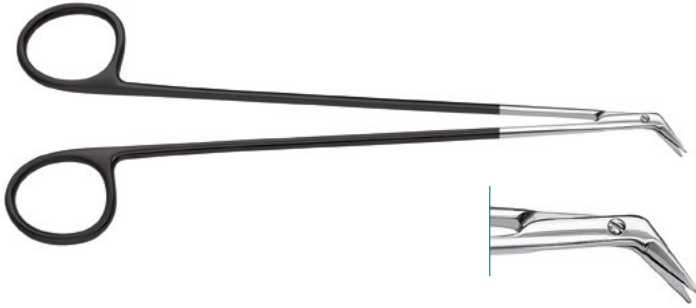
25°	126-180-025
45°	126-180-045
60°	126-180-060
90°	126-180-090
125°	126-180-125



DIETHRICH SC

Peripheral, 13mm, 130mm, 5 1/8"

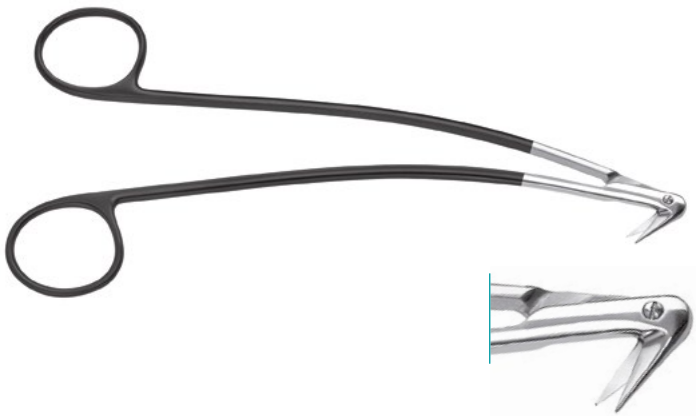
25°	126-130-025
45°	126-130-045
60°	126-130-060
90°	126-130-090
125°	126-130-125



DIETHRICH SC

9mm, 130mm, 5¹/₈"

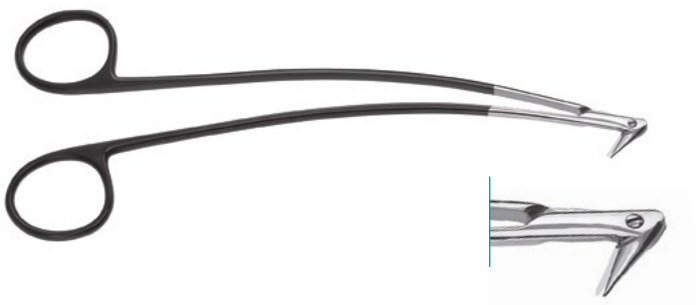
25°	126-178-025
45°	126-178-045
60°	126-178-060
90°	126-178-090
125°	126-178-125



DIETHRICH FAVALORO SC

13mm, 180mm, 7"

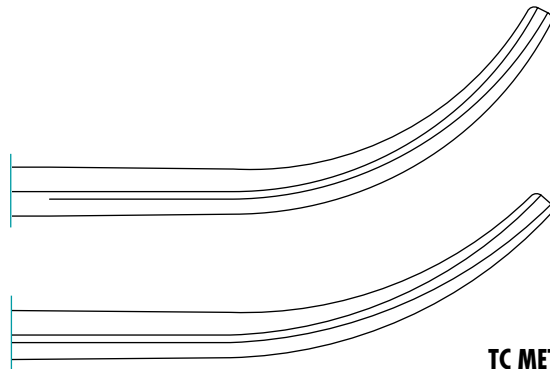
125°	126-185-125
------	-------------



DIETHRICH FAVALORO SC

9mm, 170mm, 6²/₃"

125°	126-168-125
------	-------------



TC METZENBAUM

70mm blade length, double action,
slightly curved

325mm, 12³/₄" 295-120-000

365mm, 14¹/₃" 295-120-002

strongly curved

325mm, 12³/₄" 295-120-001

365mm, 14¹/₃" 295-120-003



Dissecting Scissors, slightly curved, single action
180mm working length, Ø 5mm shaft

285mm, 11¹/₄" 295-123-180



Micro Forceps, flat handle, Ø 0.3mm tip,
9mm handle width

A 110mm, 4¹/₃" 251-613-110

B 120mm, 4³/₄" 251-611-120

B 7mm handle width, 135mm, 5¹/₃"
251-612-130

with tying platform 251-617-130

B 9mm handle width, 135mm, 5¹/₃"
251-611-130

with tying platform 251-621-135

A 9mm handle width
150mm, 6" 251-613-150

B 9mm handle width, 180mm, 7"
251-611-180

with tying platform 251-611-181



Micro Forceps, flat, smooth handle,
9mm handle width, 110mm, 4¹/₃"

Ø 0.4mm tip 251-600-040

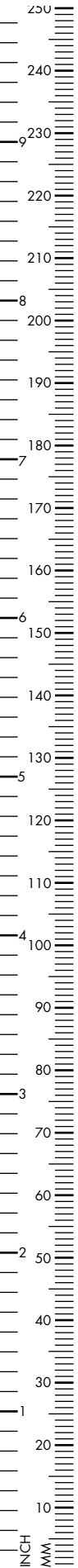
Ø 0.6mm tip 251-600-060

Ø 0.8mm tip 251-600-080



Micro Forceps, flat handle,
Ø 0.4mm tip, 9mm handle width

120mm, 4³/₄" 251-618-120



Fine Micro Forceps, flat handle,
 \varnothing 0.1mm tip, 9mm handle width

A	110mm, 4 ¹ / ₃ "	251-609-110
B	135mm, 5 ¹ / ₃ "	251-613-130



Micro Forceps, flat handle, 45° angled
 \varnothing 0.3mm tip, 9mm handle width

110mm, 4 ¹ / ₃ "	251-616-110
135mm, 5 ¹ / ₃ "	
7mm	251-615-130
9mm	251-603-135
150mm, 6"	
9mm	251-616-150
180mm, 7"	
9mm	251-613-180
with tying platform	251-613-181
90° angled \varnothing 0.3mm tip, 9mm handle width	
110mm, 4 ¹ / ₃ "	251-617-110



PIERSE

Micro Forceps, flat handle, 9mm handle width
120mm, 4^{3/4}"

Ø 0.3mm tip 251-615-120

Ø 0.65mm tip 251-613-120

Ø 0.1mm tip 251-616-120

135mm, 5^{1/3}"

Ø 0.3mm tip 251-610-135

180mm, 7"

Ø 0.65mm tip 251-612-180



BANIS

Micro Forceps, flat handle, 9mm handle width
Ø 0.3mm tip

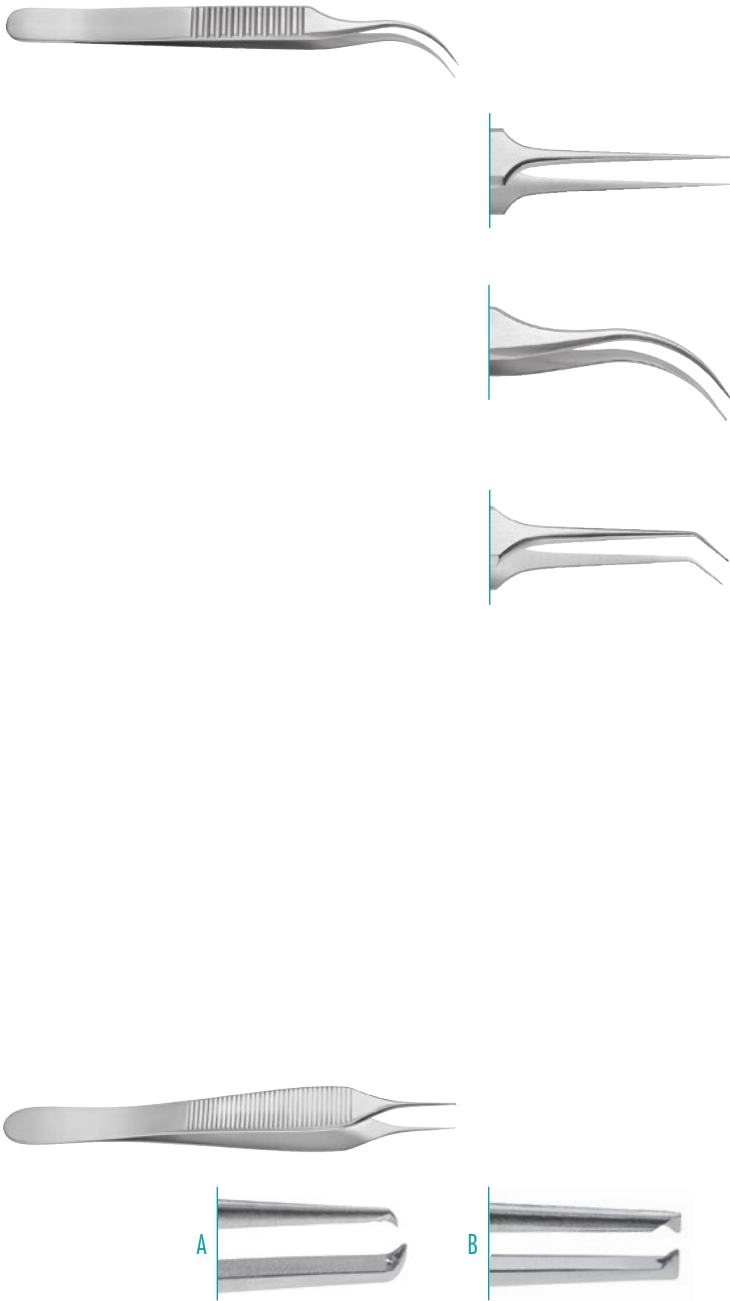
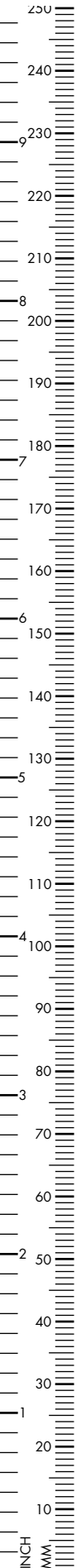
135mm, 5^{1/3}" 251-607-135

180mm, 7" 251-607-180



Tubing Introducer Forceps, 9mm handle width

120mm, 4^{3/4}" 251-715-120



Micro Forceps, flat handle,
 Ø 0.3mm diamond dusted tip,
 9mm handle width, straight

110mm, 4¹/₃" 251-713-110

7mm handle width, 135mm, 5¹/₃"
 251-712-130

with tying platform 251-717-130

9mm handle width, 135mm, 5¹/₃"
 251-711-130

with tying platform 251-721-135

9mm handle width
 180mm, 7" 251-711-180

Curved, Ø 0.4mm tip,
 9mm handle width

120mm, 4³/₄" 251-718-120

45° angled, Ø 0.3mm tip,
 9mm handle width

110mm, 4¹/₃" 251-619-110

135mm, 5¹/₃" 251-703-135

180mm, 7" 251-713-180

7mm handle width

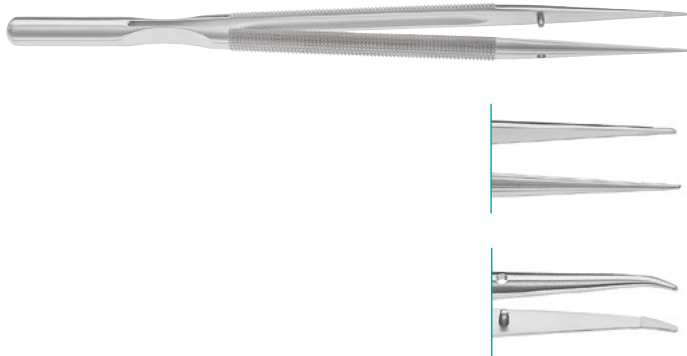
135mm, 5¹/₃" 251-619-130

ADSON

Fixation Forceps, Ø 0.3mm tip,
 120mm, 4³/₄"

A 45° angled teeth 251-662-120

B 90° angled teeth 130-554-120



Balanced Micro Forceps, diamond dusted tip,
with tying platform, straight
Ø 0.7mm tip

150mm, 6"	251-657-150
-----------	-------------

210mm, 8 ¹ / ₄ "	251-657-210
--	-------------

Ø 0.5mm tip

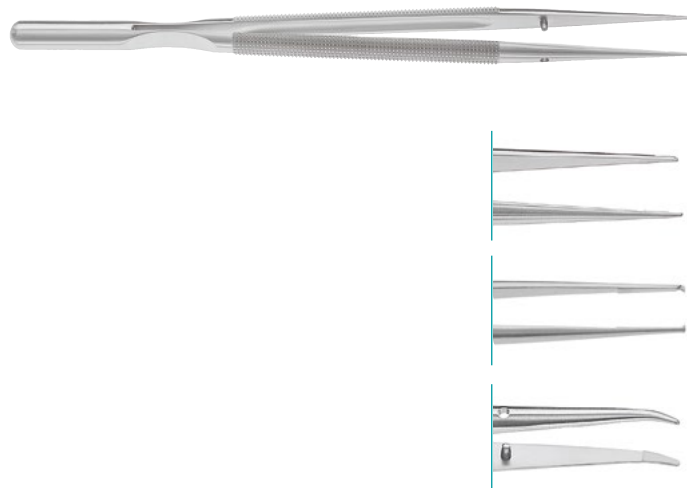
180mm, 7"	251-657-180
-----------	-------------

Ø 0.7mm tip

210mm, 8 ¹ / ₄ "	251-660-210
--	-------------

curved, Ø 0.7mm tip

210mm, 8 ¹ / ₄ "	251-661-210
--	-------------



Balanced Micro Forceps, with tying platform,
straight
Ø 0.3mm tip

150mm, 6"	251-650-150
-----------	-------------

Ø 0.5mm tip

180mm, 7"	251-650-180
-----------	-------------

210mm, 8 ¹ / ₄ "	251-650-210
--	-------------

straight, with 1x2 teeth, Ø 0.3mm tip

150mm, 6"	251-658-150
-----------	-------------

180mm, 7"	251-658-180
-----------	-------------

straight, with 1x2teeth, Ø 0.7mm tip

210mm, 8 ¹ / ₄ "	251-658-210
--	-------------

curved, Ø 0.3mm tip

150mm, 6"	251-653-150
-----------	-------------

curved, Ø 0.5mm tip

180mm, 7"	251-653-180
-----------	-------------

210mm, 8 ¹ / ₄ "	251-653-210
--	-------------



DEBAKEY

Micro Forceps, Ø 8mm handle,
Ø 1.2mm tip

150mm, 6"	250-653-150
-----------	-------------

Ø 1.0mm tip

180mm, 7"	250-653-180
-----------	-------------

210mm, 8 ¹ / ₄ "	250-653-210
--	-------------



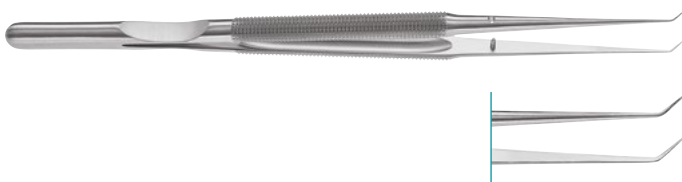
PIERSE

Micro Fixation Forceps, Ø 8mm handle,
Ø 0.3mm tip

150mm, 6"	251-652-150
-----------	-------------

Ø 0.6mm tip

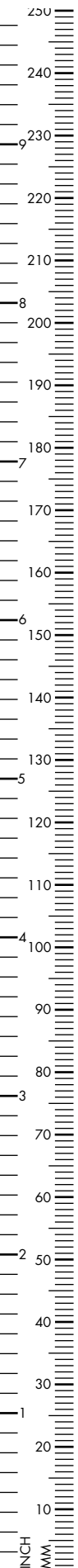
180mm, 6"	251-652-180
-----------	-------------



Micro Forceps, 45° angled, Ø 8mm handle,
Ø 0.2mm tip

150mm, 6"	251-655-150
-----------	-------------

180mm, 7"	251-654-180
-----------	-------------






Micro Forceps, 45° angled, Ø 8mm handle,
Ø 0.3mm tip

150mm, 6"	251-656-150
180mm, 7"	251-656-180



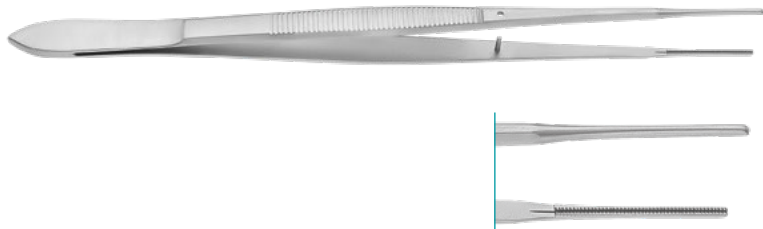
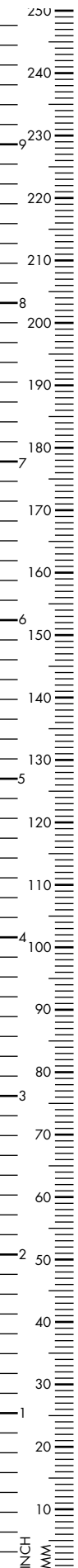
 Micro Ring Forceps with diamond dusted tip,
straight, Ø 8mm handle,
Ø 1 x 0.5mm ring

150mm, 6"	251-655-145
180mm, 7"	251-655-180
210mm, 8 ¹ / ₄ "	251-655-210



Micro Ring Forceps, Titan,
with diamond dusted tip,
straight, Ø 8mm handle, without weight
Ø 1 x 0.5mm ring

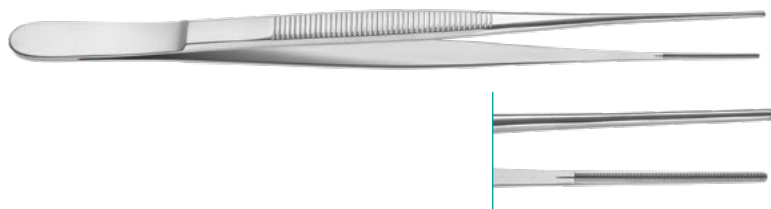
150mm, 6"	250-364-705
Ø 2 x 1mm ring	
180mm, 7"	250-364-706
210mm, 8 ¹ / ₄ "	250-364-707
with weight Ø 1 x 0.5mm ring	
150mm, 6"	250-764-715
180mm, 7"	250-764-718
210mm, 8 ¹ / ₄ "	250-764-721



GERALD DEBAKEY

Vascular Tissue Forceps, straight, extra delicate
1.0mm tip, DeBakey serrations

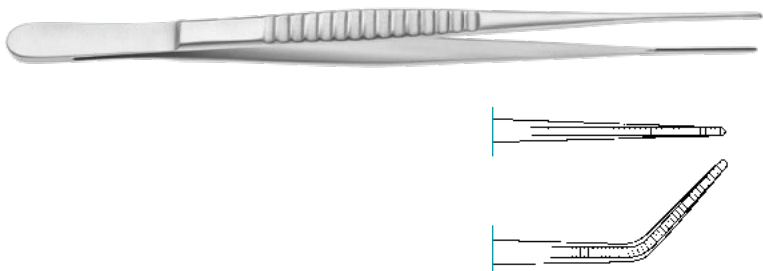
175mm, 6 ⁷ / ₈ "	130-520-175
200mm, 8"	130-520-200
240mm, 9 ¹ / ₂ "	130-520-240



DIETHRICH DEBAKEY

Vascular Tissue Forceps, straight, extra delicate
1.5mm tip, DeBakey serrations

160mm, 6 ¹ / ₄ "	130-468-150
200mm, 8"	130-468-200
240mm, 9 ¹ / ₂ "	130-468-240



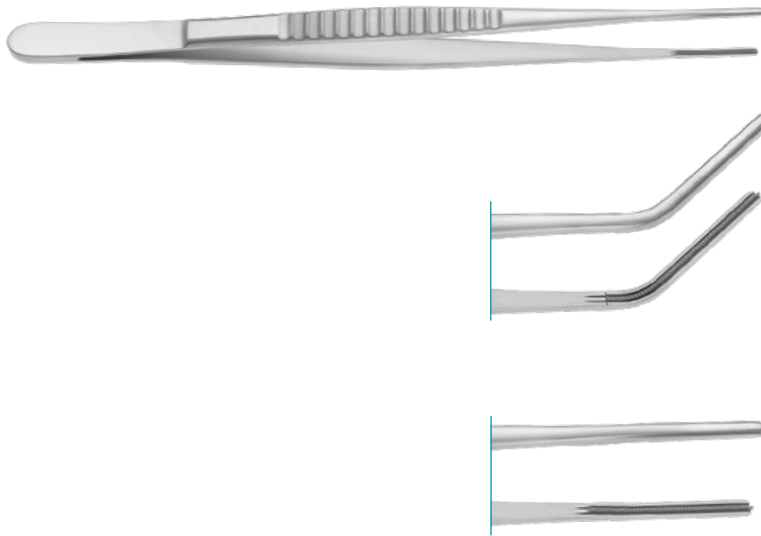
DEBAKEY

Vascular Tissue Forceps, straight, 1.5mm tip,
DeBakey serrations,
straight

160mm, 6 ¹ / ₄ "	290-550-160
200mm, 8"	290-550-200
240mm, 9 ¹ / ₂ "	290-550-240
300mm, 11 ⁷ / ₈ "	290-550-300

angled

160mm, 6 ¹ / ₄ "	290-551-160
200mm, 8"	290-551-200
240mm, 9 ¹ / ₂ "	290-551-240
300mm, 11 ⁷ / ₈ "	290-551-300



DEBAKEY

Vascular Tissue Forceps, straight, 2.0mm tip, DeBaKEY serrations, straight

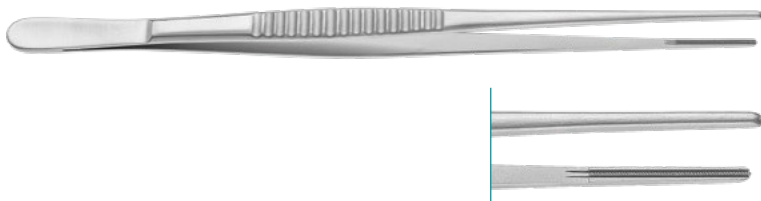
160mm, 6 ¹ / ₄ "	290-552-160
200mm, 8"	290-552-200
240mm, 9 ¹ / ₂ "	290-552-240
300mm, 11 ⁷ / ₈ "	290-552-300

angled, 2.0mm

160mm, 6 ¹ / ₄ "	290-553-160
200mm, 8"	290-553-200
240mm, 9 ¹ / ₂ "	290-553-240
300mm, 11 ⁷ / ₈ "	290-553-300

straight, 3.5mm

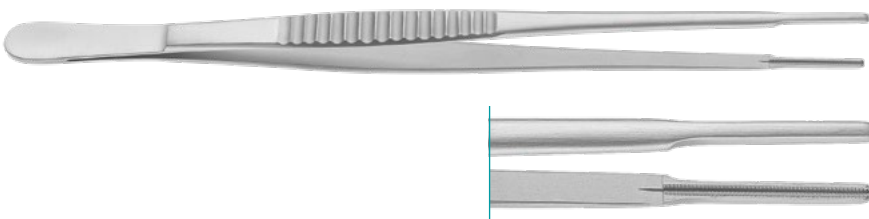
160mm, 6 ¹ / ₄ "	290-554-160
200mm, 8"	290-554-200
240mm, 9 ¹ / ₂ "	290-554-240
300mm, 11 ⁷ / ₈ "	290-554-300



DEBAKEY

Vascular Tissue Forceps, straight, 2.4mm tip, DeBaKEY serrations

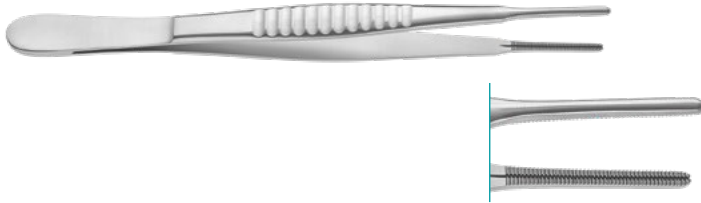
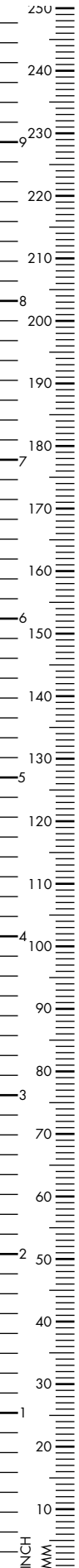
160mm, 6 ¹ / ₄ "	290-557-160
200mm, 8"	290-557-200
240mm, 9 ¹ / ₂ "	290-557-240
300mm, 11 ⁷ / ₈ "	290-557-300



DEBAKEY

Vascular Tissue Forceps, straight, 2.8mm step-down tip, DeBaKEY serrations

160mm, 6 ¹ / ₄ "	290-558-160
200mm, 8"	290-558-200
240mm, 9 ¹ / ₂ "	290-558-240
300mm, 11 ⁷ / ₈ "	290-558-300



COOLEY

Vascular Tissue Forceps, straight,
delicate 1.5mm tip, DeBakey serrations

150mm, 6" 290-556-150

2.0mm tip

160mm, 6¹/₄" 290-556-160

200mm, 8" 290-556-200

240mm, 9¹/₂" 290-556-240



ADSON DEBAKEY

Vascular Tissue Forceps, straight, 2.0mm tip

120mm, 4³/₄" 130-527-120



Micro Dialtor

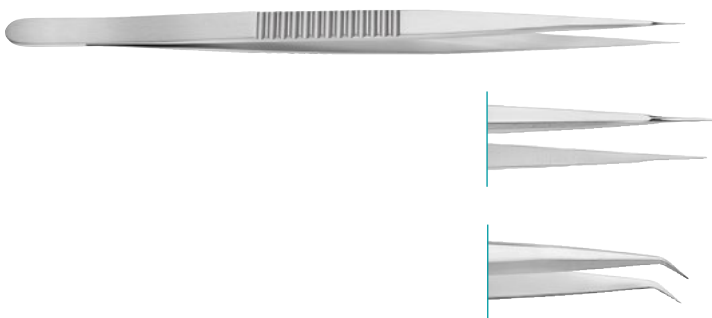
10° angled, 110mm, 4¹/₃", 9mm handle

Ø 0.2mm tip 251-602-110

9mm tip

Ø 0.3mm tip, 251-601-110

4mm tip



Micro Dilator, flat handle, straight,
135mm, 5^{1/3}", 6mm tip length

Ø 0.2mm tip 251-611-131
7mm handle

Ø 0.2mm tip, 251-611-132
9mm handle

4mm tip length

Ø 0.3mm tip, 251-611-133
9mm handle

180mm, 7", 6mm tip length

Ø 0.1mm tip 251-611-187
9mm handle

Ø 0.2mm tip, 251-611-186
9mm handle

4mm tip length

Ø 0.3mm tip, 251-611-185
9mm handle

45° angled, 135mm, 5^{1/3}", 9mm handle

Ø 0.3mm tip 251-608-135
4mm tip



Micro Dilator, round handle, straight,
Ø 0.3mm tip, 4mm tip, 8mm handle

150mm, 6" 251-640-150

180mm, 7" 251-640-180



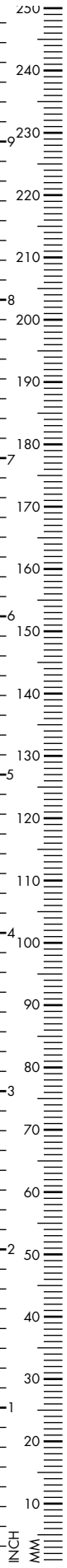
Micro Needle Holder, flat handle, Ø 0.4mm tip, 140mm, 5 ¹ / ₂ " , straight	
with ratchet	250-064-153
without ratchet	250-064-149
curved	
with ratchet	250-064-151
without ratchet	250-064-150

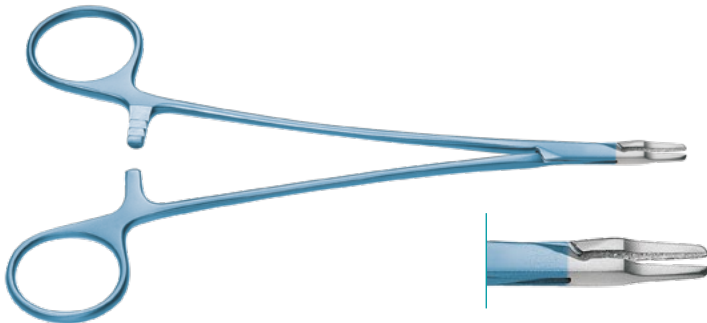


Micro Needle Holder, round handle, Ø 0.4mm tip, without ratchet, Ø 8mm handle, straight	
130mm, 5 ¹ / ₈ "	250-064-138
180mm, 7"	250-064-244
Ø 0.2mm tip, Ø 8mm handle, curved, 150mm, 6"	
without ratchet	250-064-144
Ø 8mm handle, curved, 130mm, 5 ¹ / ₈ "	
without ratchet	250-064-142
with ratchet	250-064-147
Ø 0.5mm tip Ø 10mm handle, curved, 130mm, 5 ¹ / ₈ "	
without ratchet	250-064-146
with ratchet	250-064-145



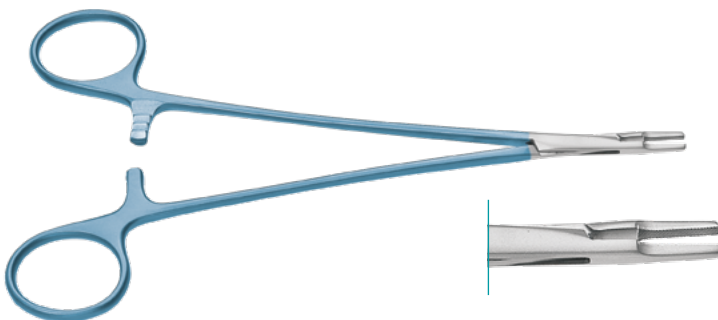
Ø 0.4mm tip Ø 8mm handle, curved, 150mm, 6"	
without ratchet	250-064-148
Ø 0.4mm tip Ø 8mm handle, curved, 180mm, 7"	
without ratchet	250-064-245
Ø 0.5mm tip Ø 10mm handle, curved, 180mm, 7"	
without ratchet	250-064-248
Balanced Micro Needle Holder, Ø 8mm handle, curved, with tying platform Ø 0.4mm tip	
150mm, 6"	251-660-150
Ø 0.6mm tip	
180mm, 7"	251-660-180





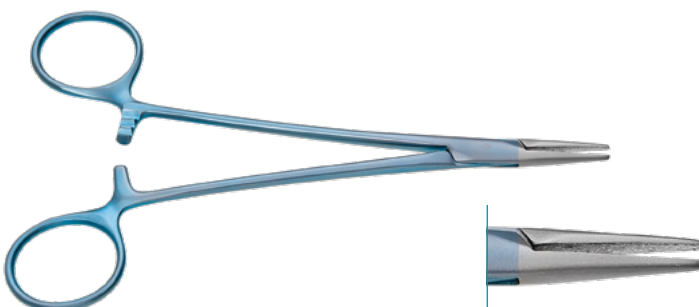
RYDER
Needle Holder

150mm, 6"	180-660-150
170mm, 6 ² / ₃ "	180-660-170
190mm, 7 ¹ / ₂ "	180-660-190



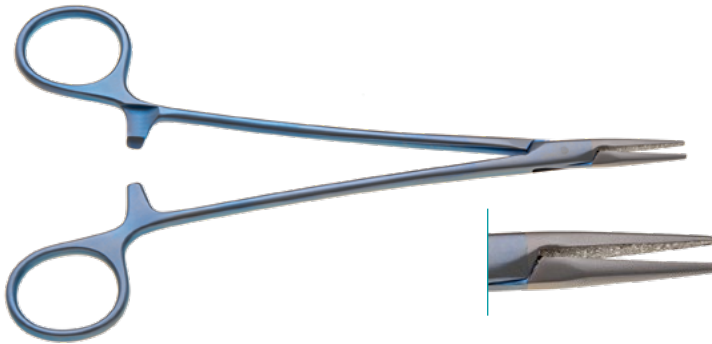
RYDER
Needle Holder, TC jaw, delicate

150mm, 6"	180-661-150
170mm, 6 ² / ₃ "	180-661-170
190mm, 7 ¹ / ₂ "	180-661-190



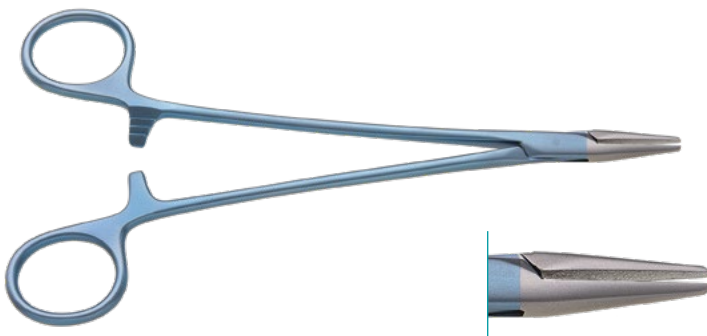
Vascular Needle Holder, TC jaw

160mm, 6 ¹ / ₄ "	180-674-160
180mm, 7"	180-674-180
200mm, 8"	180-674-200
220mm, 8 ² / ₃ "	180-674-220
250mm, 9 ⁷ / ₈ "	180-674-250



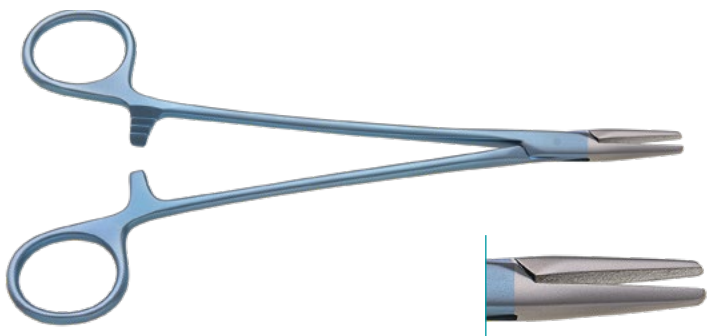
DEBAKEY
Needle Holder

160mm, 6 ¹ / ₄ "	180-675-160
180mm, 7"	180-675-180
200mm, 8"	180-675-200
220mm, 8 ² / ₃ "	180-675-220
250mm, 9 ⁷ / ₈ "	180-675-250



MAYO-HEGAR
Needle Holder
1.8mm fine jaw

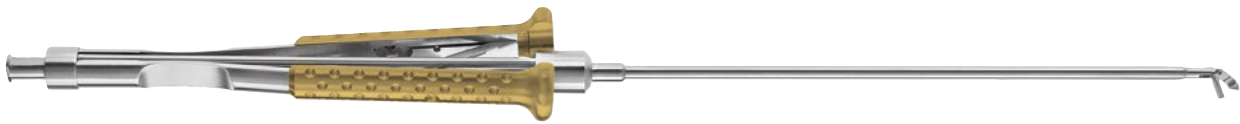
160mm, 6 ¹ / ₄ "	180-680-160
180mm, 7"	180-680-180
200mm, 8"	180-680-200
220mm, 8 ² / ₃ "	180-680-220
250mm, 9 ⁷ / ₈ "	180-680-250



MAYO-HEGAR
Needle Holder
2.8mm broad jaw

160mm, 6 ¹ / ₄ "	180-690-160
180mm, 7"	180-690-180
200mm, 8"	180-690-200
220mm, 8 ² / ₃ "	180-690-220
250mm, 9 ⁷ / ₈ "	180-690-250

INCH
MM



Ø 3.5mm shaft, 2x6mm, with ratchet, TC straight

170mm, 6 ² / ₃ "	295-034-200
250mm, 9 ⁷ / ₈ "	295-035-200
300mm, 11 ⁷ / ₈ "	295-037-200



Ø 3.5mm shaft, 2x6mm, with ratchet, TC curved

170mm, 6 ² / ₃ "	295-034-201
250mm, 9 ⁷ / ₈ "	295-035-201
300mm, 11 ⁷ / ₈ "	295-037-201



Ø 5.0mm shaft, 3x10mm, with ratchet, TC straight

170mm, 6 ² / ₃ "	295-048-200
250mm, 9 ⁷ / ₈ "	295-050-200
300mm, 11 ⁷ / ₈ "	295-052-200



Ø 5.0mm shaft, 3x10mm, with ratchet, TC curved left

170mm, 6 ² / ₃ "	295-048-201
250mm, 9 ⁷ / ₈ "	295-050-201
300mm, 11 ⁷ / ₈ "	295-052-201



Ø 5.0mm shaft, 3x10mm, with ratchet, TC curved right

170mm, 6 ² / ₃ "	295-048-202
250mm, 9 ⁷ / ₈ "	295-050-202
300mm, 11 ⁷ / ₈ "	295-052-202



RYDER

Ø 5.0mm shaft, 1x8mm, with ratchet, TC straight

170mm, 6 ² / ₃ "	295-048-210
250mm, 9 ⁷ / ₈ "	295-050-210
300mm, 11 ⁷ / ₈ "	295-052-210



RYDER

Ø 5.0mm shaft, 1x10mm, with ratchet, TC straight

170mm, 6 ² / ₃ "	295-048-212
250mm, 9 ⁷ / ₈ "	295-050-212
300mm, 11 ⁷ / ₈ "	295-052-212



Ø 5.0mm shaft, 2x8mm, with ratchet, TC straight

170mm, 6 ² / ₃ "	295-048-214
250mm, 9 ⁷ / ₈ "	295-050-214
300mm, 11 ⁷ / ₈ "	295-052-214



Ø 5.0mm shaft, 3x10mm, with ratchet, diamond dusted, straight

170mm, 6 ² / ₃ "	295-048-216
250mm, 9 ⁷ / ₈ "	295-050-216
300mm, 11 ⁷ / ₈ "	295-052-216



Ø 5.0mm shaft, 3x10mm, with ratchet, diamond dusted, curved left

170mm, 6 ² / ₃ "	295-048-217
250mm, 9 ⁷ / ₈ "	295-050-217
300mm, 11 ⁷ / ₈ "	295-052-217



CRILE WOOD

Ø 5.0mm shaft, 3x10mm, with ratchet, TC curved left

170mm, 6 ² / ₃ "	295-048-219
250mm, 9 ⁷ / ₈ "	295-050-219
300mm, 11 ⁷ / ₈ "	295-052-219



CHITWOOD

Suture Cutter, Ø 5mm shaft

180mm, 7"	295-121-180
230mm, 9"	295-121-230
280mm, 11"	295-121-280



SLIDER

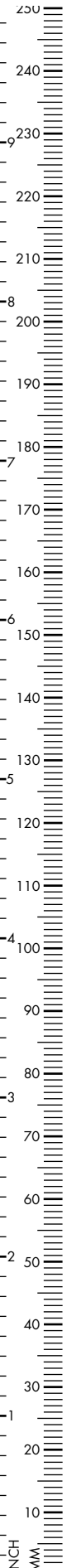
Needle Holder, straight, max. 4-0 suture,
210mm working length, Ø 7mm shaft
345mm, 12^{3/4}"

straight	295-180-000
curved	295-180-001
Ø 10mm shaft	
straight	295-180-002
curved	295-180-003



Knot Pusher for valve surgery
Ø 8.0mm tip

345mm, 12 ^{3/4} "	295-000-020
----------------------------	-------------





Cardioplegia Needle
310mm, 12^{1/4}"

Ø 2.0mm	295-165-002
---------	-------------

Ø 3.0mm	295-165-003
---------	-------------



Magnetic Retriever

370mm, 14 ^{1/2} "	295-300-000
----------------------------	-------------



Suture Ruler, 0 - 60mm measuring range

430mm, 17"	295-100-350
------------	-------------



Suture Catcher for valve surgery
2mm tip width

350mm, 14" 295-000-010



Suture Catcher
2mm tip width

320mm, 12½" 295-000-110



Ø 4.0mm shaft, Valve Rongeur, oval, 4mm,
single action, straight

170mm, 6²/₃" 295-039-300

250mm, 9⁷/₈" 295-040-300

300mm, 11⁷/₈" 295-041-300

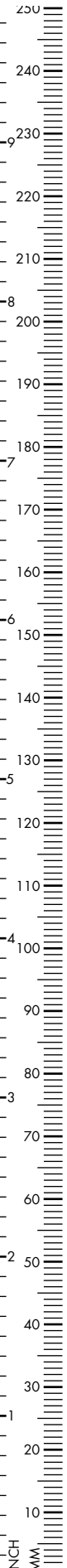


Ø 4.0mm shaft, Valve Rongeur, oval, 4mm,
single action, 30° angled

170mm, 6²/₃" 295-039-301

250mm, 9⁷/₈" 295-040-301

300mm, 11⁷/₈" 295-041-301





DEBAKEY

Ø 3.5mm shaft, 2x1 teeth, 2.8 x 14mm, double action, 45° lateral angled without ratchet

170mm, 6 ² / ₃ "	295-034-253
250mm, 9 ⁷ / ₈ "	295-035-253
300mm, 11 ⁷ / ₈ "	295-037-253

with ratchet

170mm, 6 ² / ₃ "	295-033-253
250mm, 9 ⁷ / ₈ "	295-036-253
300mm, 11 ⁷ / ₈ "	295-038-253



DEBAKEY

Ø 5.0mm shaft, 2x1 teeth, 1.5 x 14mm, single action, straight without ratchet

170mm, 6 ² / ₃ "	295-048-252
250mm, 9 ⁷ / ₈ "	295-050-252
300mm, 11 ⁷ / ₈ "	295-052-252

with ratchet

170mm, 6 ² / ₃ "	295-049-252
250mm, 9 ⁷ / ₈ "	295-051-252
300mm, 11 ⁷ / ₈ "	295-053-252



DEBAKEY

Ø 5.0mm shaft, 2x1 teeth, 1.5 x 10mm, double action, straight without ratchet

170mm, 6 ² / ₃ "	295-048-250
250mm, 9 ⁷ / ₈ "	295-050-250
300mm, 11 ⁷ / ₈ "	295-052-250

with ratchet

170mm, 6 ² / ₃ "	295-049-250
250mm, 9 ⁷ / ₈ "	295-051-250
300mm, 11 ⁷ / ₈ "	295-053-250



DEBAKEY

Ø 5.0mm shaft, 2x1 teeth, 1.5 x 14mm, single action, 45° angled without ratchet

170mm, 6 ² / ₃ "	295-048-253
250mm, 9 ⁷ / ₈ "	295-050-253
300mm, 11 ⁷ / ₈ "	295-052-253

with ratchet

170mm, 6 ² / ₃ "	295-049-253
250mm, 9 ⁷ / ₈ "	295-051-253
300mm, 11 ⁷ / ₈ "	295-053-253



DEBAKEY

Ø 5.0mm shaft, 2x1 teeth, 2.8 x 10mm, double action, straight without ratchet

170mm, 6 ² / ₃ "	295-048-251
250mm, 9 ⁷ / ₈ "	295-050-251
300mm, 11 ⁷ / ₈ "	295-052-251

with ratchet

170mm, 6 ² / ₃ "	295-049-251
250mm, 9 ⁷ / ₈ "	295-051-251
300mm, 11 ⁷ / ₈ "	295-053-251



DEBAKEY

Ø 5.0mm shaft, 3x2 teeth, 4.8 x 10mm, double action, straight without ratchet

170mm, 6 ² / ₃ "	295-048-254
250mm, 9 ⁷ / ₈ "	295-050-254
300mm, 11 ⁷ / ₈ "	295-052-254

with ratchet

170mm, 6 ² / ₃ "	295-049-254
250mm, 9 ⁷ / ₈ "	295-051-254
300mm, 11 ⁷ / ₈ "	295-053-254



DEBAKEY

Ø 5.0mm shaft, 2x1 teeth, 2.8 x 28mm, single action, 45° lateral angled without ratchet

170mm, 6 ² / ₃ "	295-048-255
250mm, 9 ⁷ / ₈ "	295-050-255
300mm, 11 ⁷ / ₈ "	295-052-255

with ratchet

170mm, 6 ² / ₃ "	295-049-255
250mm, 9 ⁷ / ₈ "	295-051-255
300mm, 11 ⁷ / ₈ "	295-053-255



Ø 5.0mm shaft, Knot Pusher single action, 45° angled without ratchet

170mm, 6 ² / ₃ "	295-048-260
250mm, 9 ⁷ / ₈ "	295-050-260
300mm, 11 ⁷ / ₈ "	295-052-260

with ratchet

170mm, 6 ² / ₃ "	295-049-260
250mm, 9 ⁷ / ₈ "	295-051-260
300mm, 11 ⁷ / ₈ "	295-053-260



RESANO

Ø 5.0mm shaft, Grasping Forceps single action, straight without ratchet

170mm, 6 ² / ₃ "	295-048-265
250mm, 9 ⁷ / ₈ "	295-050-265
300mm, 11 ⁷ / ₈ "	295-052-265

with ratchet

170mm, 6 ² / ₃ "	295-049-265
250mm, 9 ⁷ / ₈ "	295-051-265
300mm, 11 ⁷ / ₈ "	295-053-265



RESANO

Ø 5.0mm shaft, Grasping Forceps double action, conical shape without ratchet

170mm, 6 ² / ₃ "	295-048-270
250mm, 9 ⁷ / ₈ "	295-050-270
300mm, 11 ⁷ / ₈ "	295-052-270

with ratchet

170mm, 6 ² / ₃ "	295-049-270
250mm, 9 ⁷ / ₈ "	295-051-270
300mm, 11 ⁷ / ₈ "	295-053-270



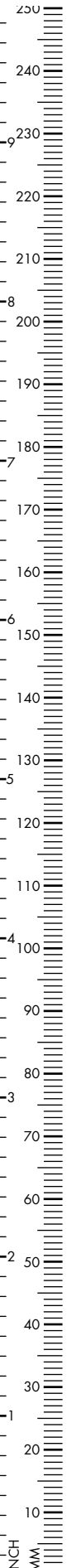
GEMINI

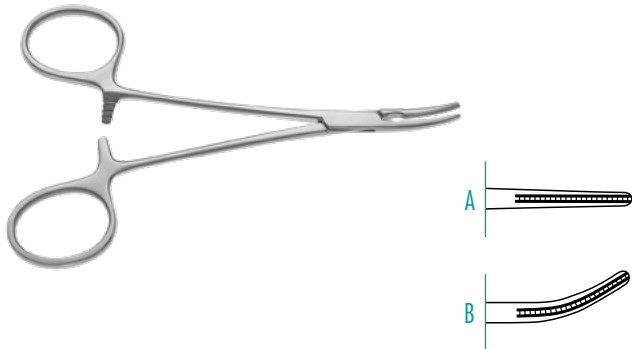
Ø 5.0mm shaft, smooth double action, curved without ratchet

170mm, 6 ² / ₃ "	295-048-280
250mm, 9 ⁷ / ₈ "	295-050-280
300mm, 11 ⁷ / ₈ "	295-052-280

with ratchet

170mm, 6 ² / ₃ "	295-049-280
250mm, 9 ⁷ / ₈ "	295-051-280
300mm, 11 ⁷ / ₈ "	295-053-280

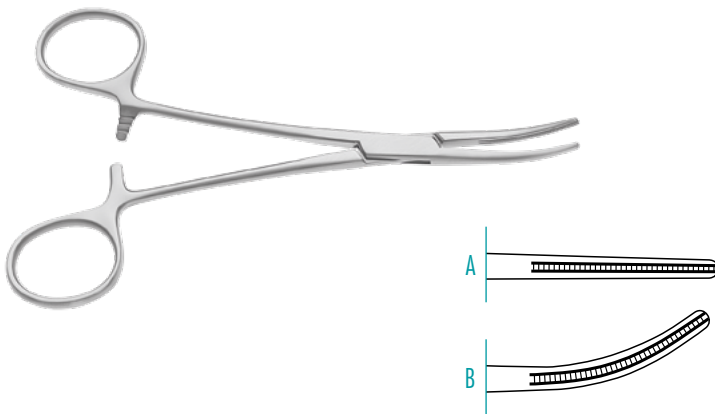




DEBAKEY MOSQUITO

Hemostatic Forceps, 120mm, 4³/₄"

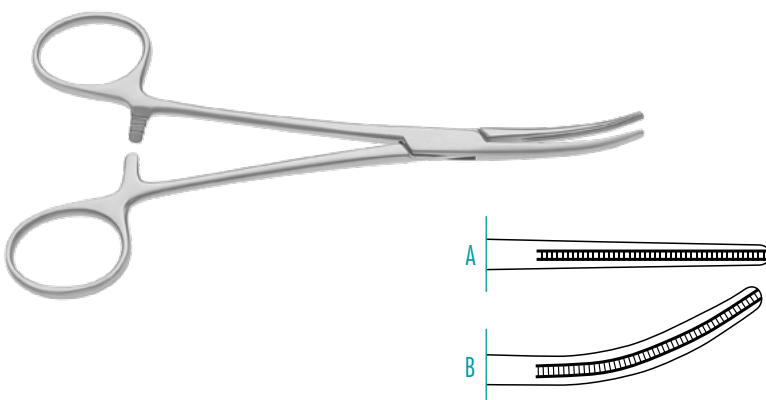
A straight	290-438-120
B curved	290-439-120



DEBAKEY KELLY

Atraumatic Forceps, 140mm, 5¹/₂"

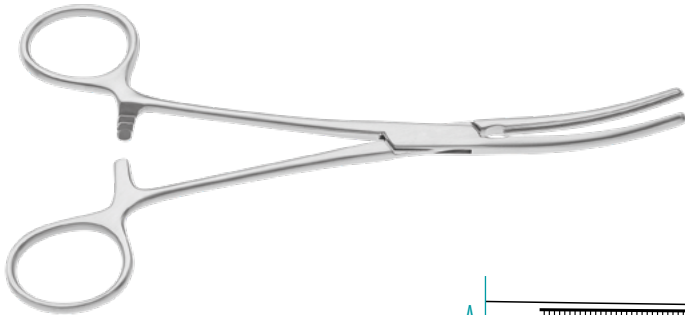
A straight	290-410-140
B curved	290-411-140



DEBAKEY RANKIN

Hemostatic Forceps, 160mm, 6¹/₄"

A straight	290-300-160
B curved	290-301-160



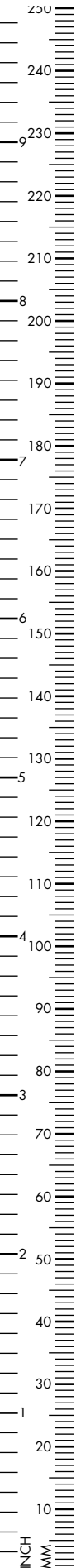
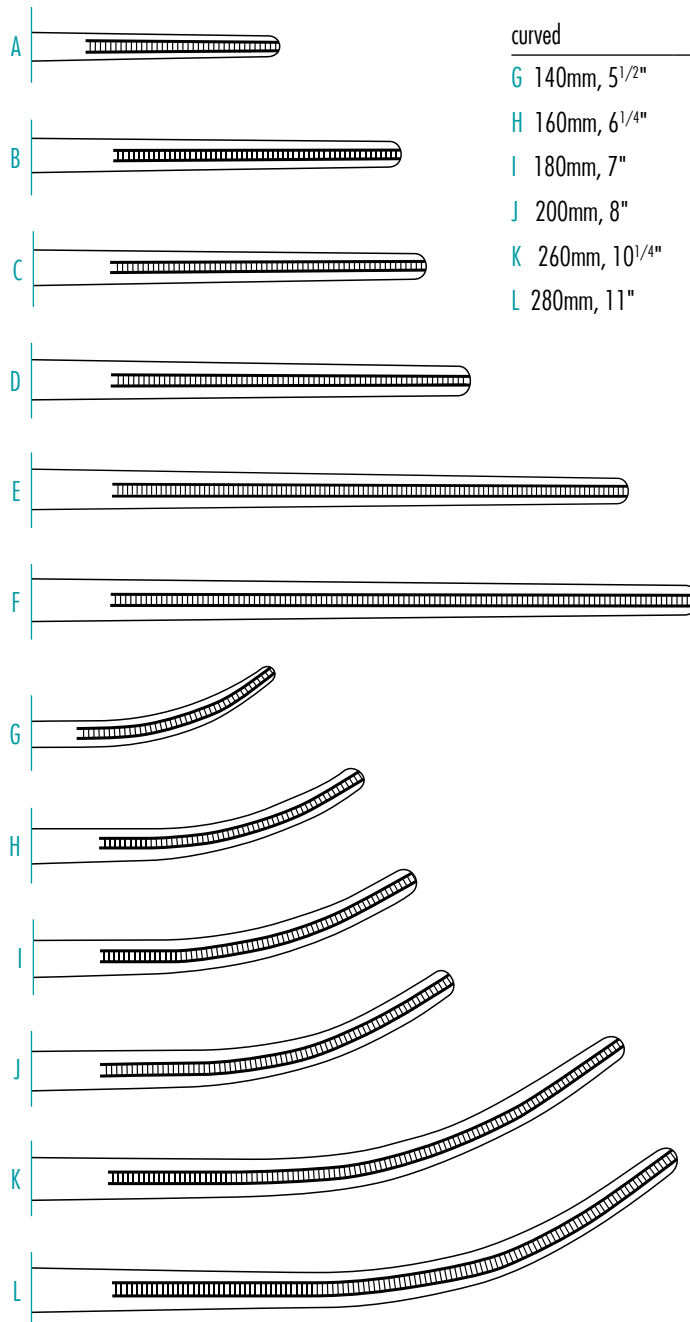
DEBAKEY PEAN

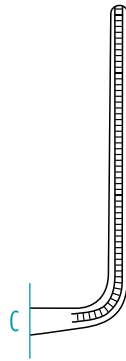
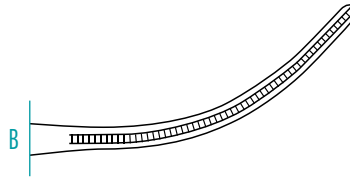
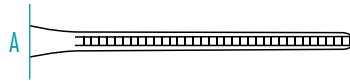
Hemostatic Forceps, straight

A	140mm, 5 ¹ / ₂ "	290-438-140
B	160mm, 6 ¹ / ₄ "	290-438-160
C	180mm, 7"	290-438-180
D	200mm, 8"	290-438-200
E	260mm, 10 ¹ / ₄ "	290-438-260
F	280mm, 11"	290-438-280

curved

G	140mm, 5 ¹ / ₂ "	290-439-140
H	160mm, 6 ¹ / ₄ "	290-439-160
I	180mm, 7"	290-439-180
J	200mm, 8"	290-439-200
K	260mm, 10 ¹ / ₄ "	290-439-260
L	280mm, 11"	290-439-280

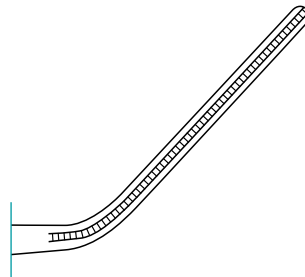




DEBAKEY

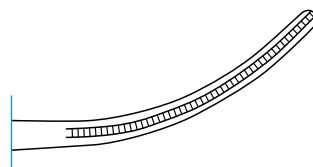
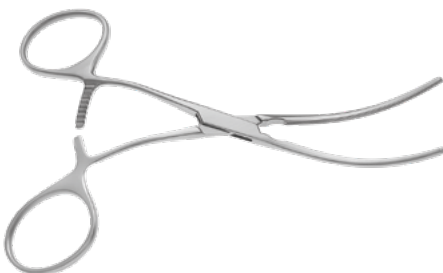
Vascular Clamp, straight shanks,

A straight jaw 120mm, 4 ³ / ₄ "	290-458-120
B curved jaw 110mm, 4 ¹ / ₃ "	290-458-110
C angled jaw 100mm, 4"	290-458-100



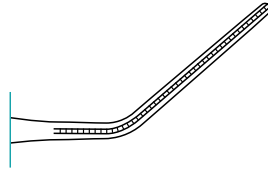
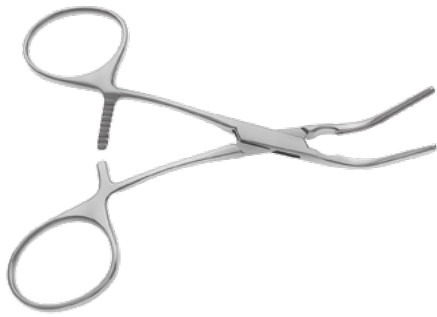
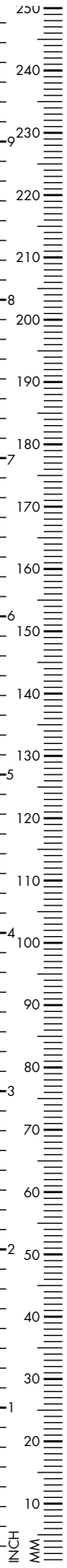
Shanks curved backwards

130mm, 5 ¹ / ₈ "	290-459-130
--	-------------



S-curved shanks

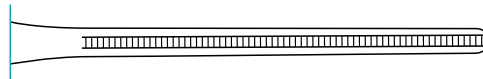
125mm, 5"	290-459-120
-----------	-------------



NOON

A.V. Fistula Clamp, 1x2 draft, 50° angled

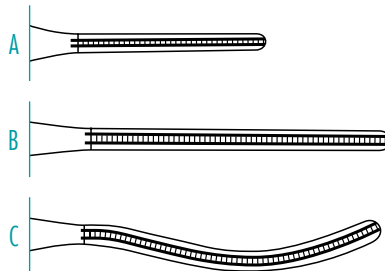
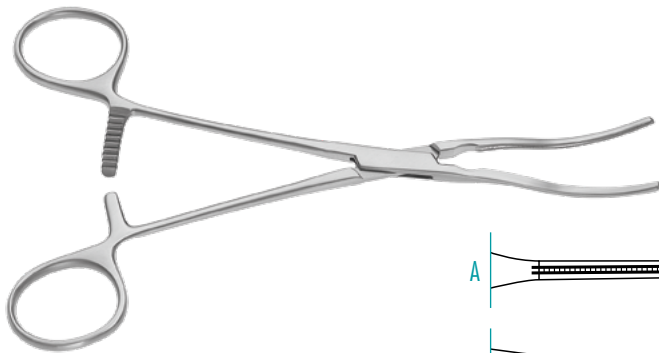
110mm, 4¹/₃" 290-460-110



DEMOS

Tibial Artery Clamp, 60° angled shanks

200mm, 8" 290-407-200



DEBAKEY

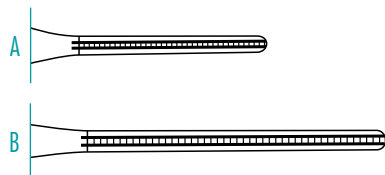
Pediatric Forceps, straight shanks

A 160mm, 6¹/₄" 290-440-160

B 170mm, 6²/₃" 290-440-170

C 165mm, 6¹/₂" 290-451-170

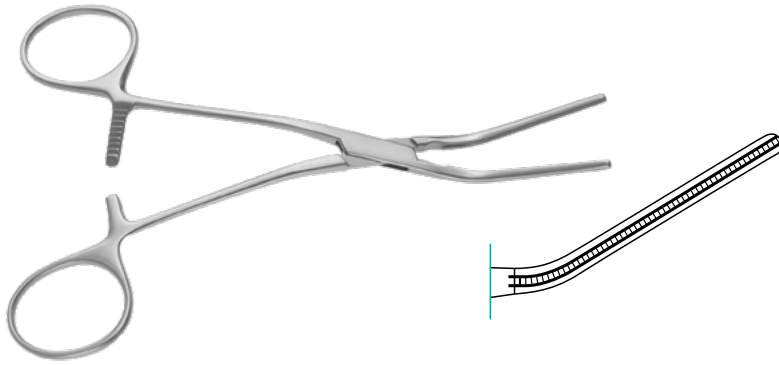
D 155mm, 6¹/₈" 290-442-150



shanks angled forward

A 155mm, 6¹/₈" 290-447-155

B 170mm, 6²/₃" 290-447-170

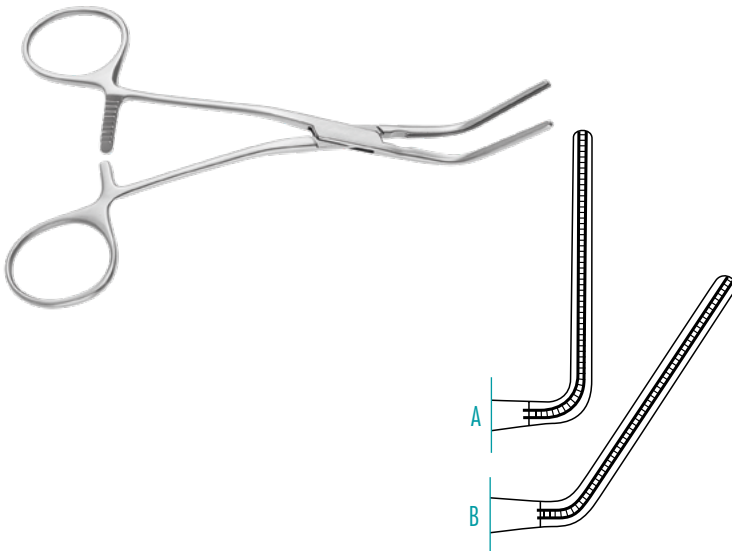


DEBAKEY

Pediatric Forceps,
shanks curved backwards, 30° angled

160mm, 6¹/₄"

290-441-160



DEBAKEY

Pediatric Forceps, 150mm, 6"

A 90°

290-445-150

B 60°

290-443-150



SAROT

Bronchus Clamp with pins, 230mm, 9"

Teeth left 290-237-230

Teeth right 290-238-230



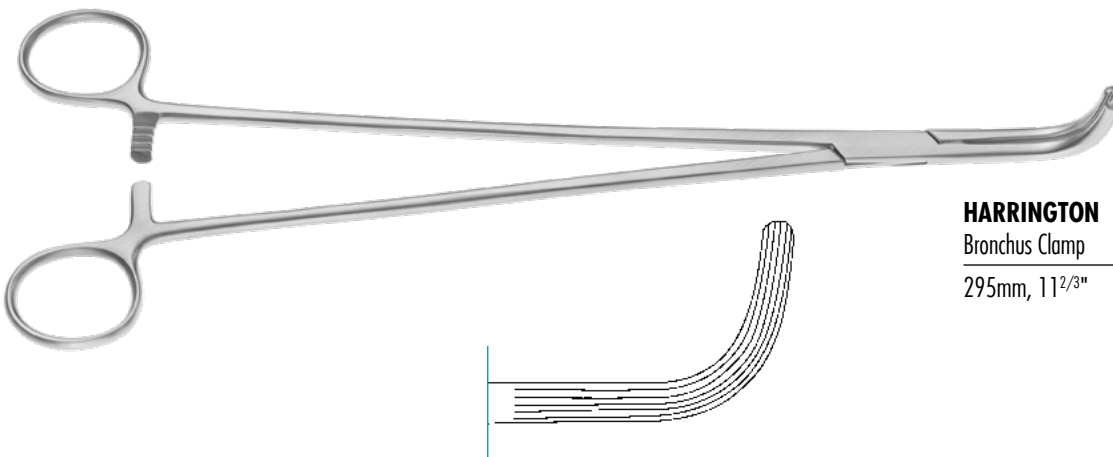
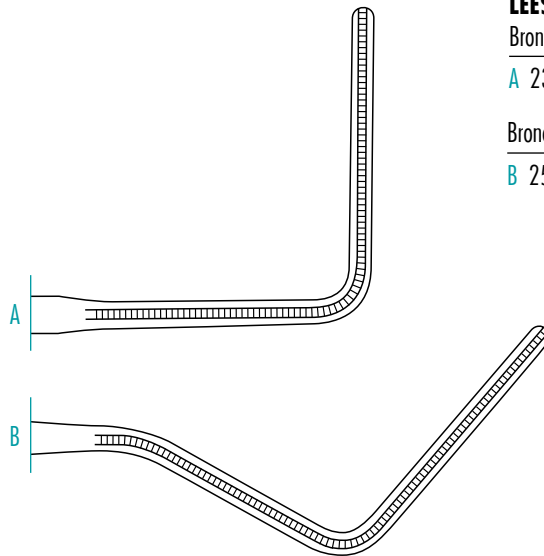
LEES

Bronchus Clamp

A 230mm, 9" 290-427-230

Bronchus Clamp

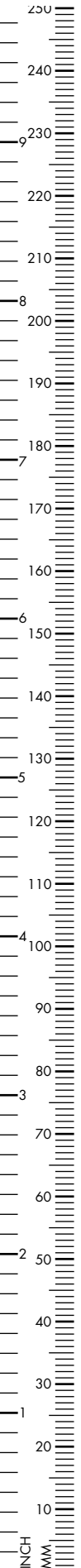
B 250mm, 9⁷/₈" 290-429-250

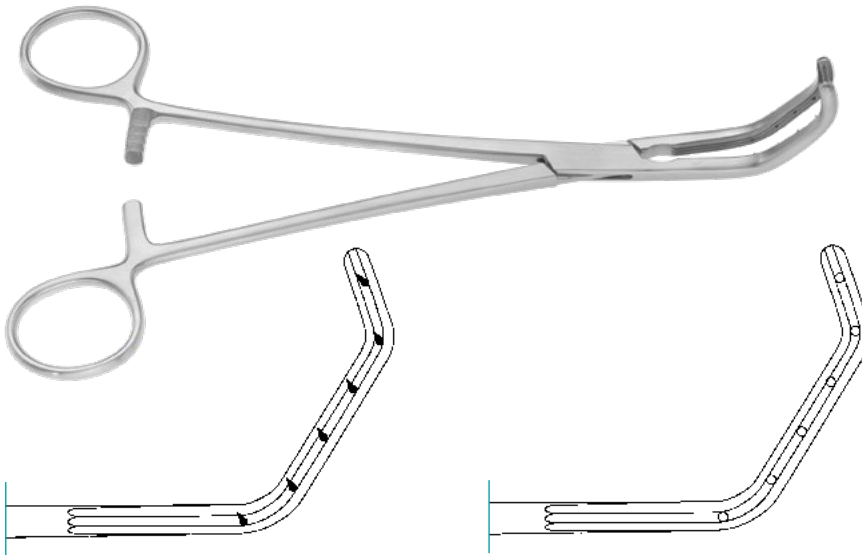


HARRINGTON

Bronchus Clamp

295mm, 11²/₃" 290-271-295



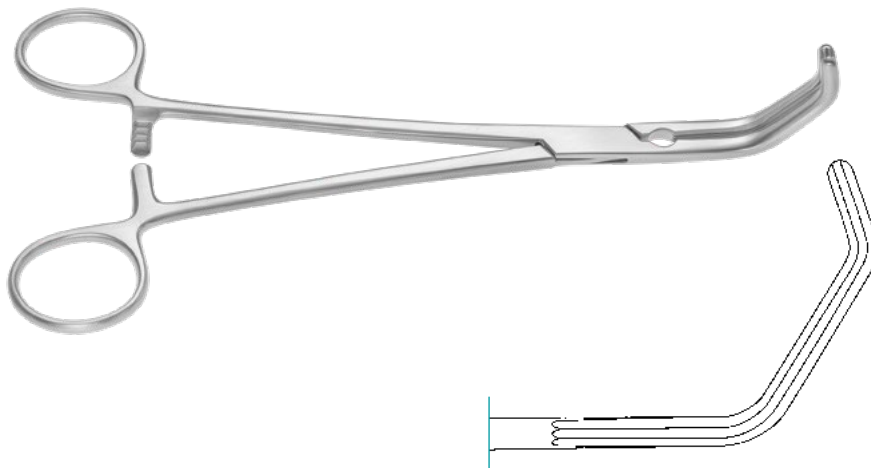


PRICE THOMAS

Bronchus Forceps, 220mm, 8²/₃"

Fig. 1, teeth left 290-245-220

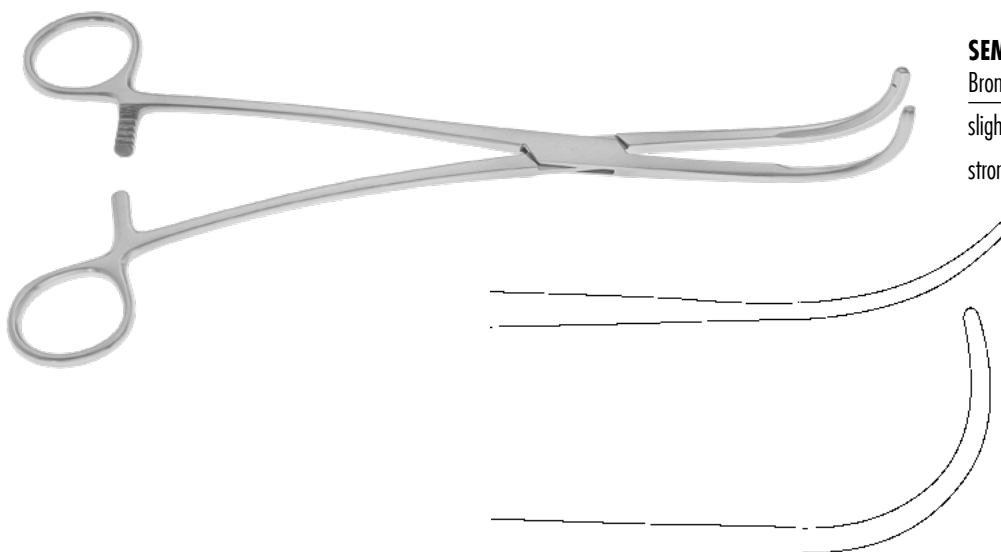
Fig. 2, teeth right 290-247-220



PRICE THOMAS

Bronchus Forceps

220mm, 8²/₃" 290-241-220

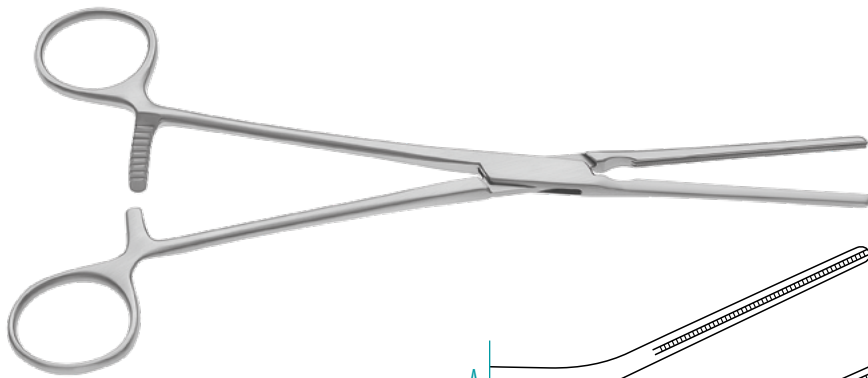


SEMB

Bronchus Forceps, 250mm, 9⁷/₈"

slightly curved 290-265-240

strongly curved 290-267-240



POTTS

Patient-Ductus Clamp and Coarctation Forceps
straight, angled jaw

A	205mm, 8 ¹ / ₈ "	290-401-210
B	220mm, 8 ² / ₃ "	290-401-220

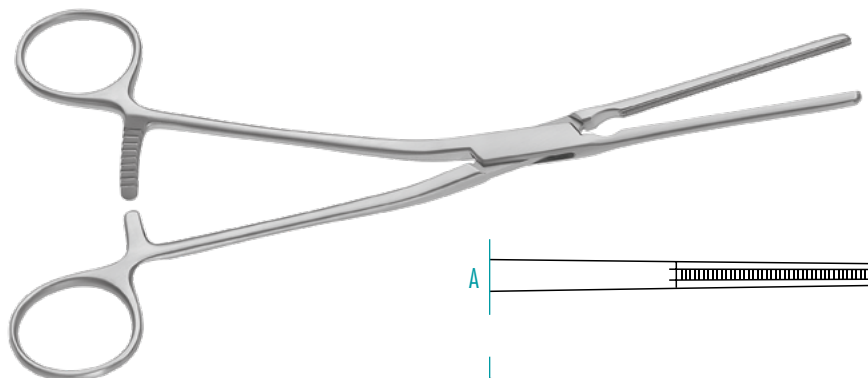
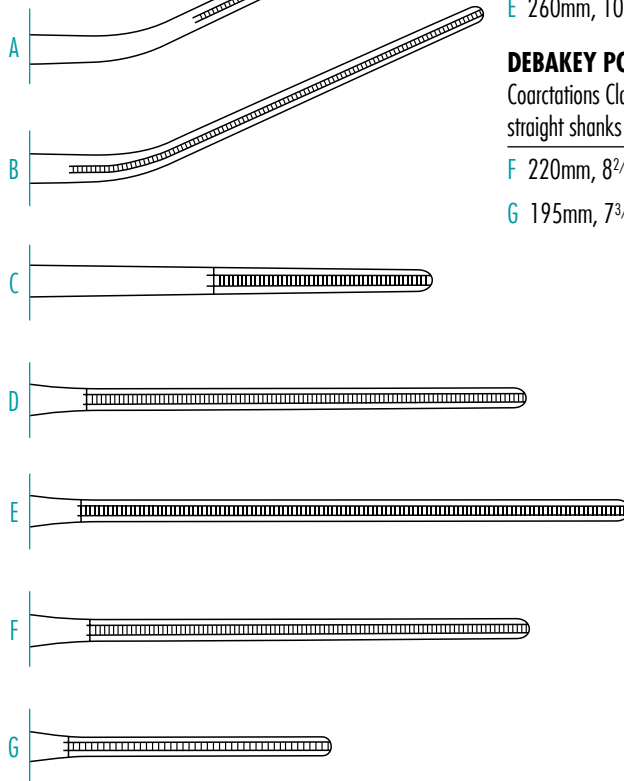
straight jaw

C	205mm, 8 ¹ / ₈ "	290-400-210
D	220mm, 8 ² / ₃ "	290-400-220
E	260mm, 10 ¹ / ₄ "	290-400-260

DEBAKEY POTTS

Coarctations Clamp
straight shanks

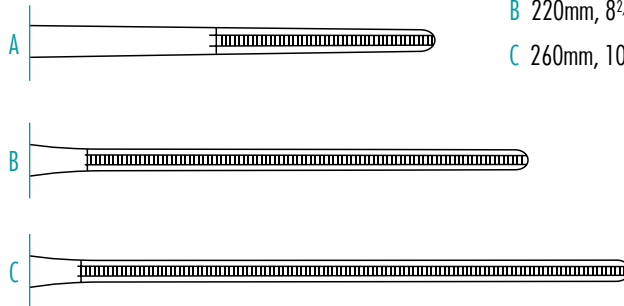
F	220mm, 8 ² / ₃ "	290-400-225
G	195mm, 7 ³ / ₄ "	290-400-195

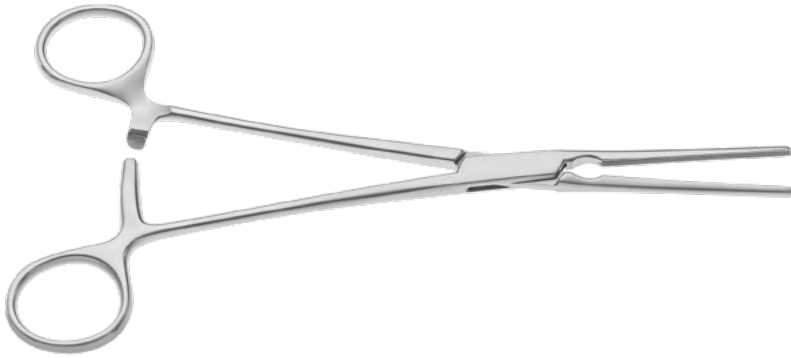


POTTS

Patient-Ductus Clamp and Coarctation Forceps
angled, straight jaw

A	210mm, 8 ¹ / ₄ "	290-403-210
B	220mm, 8 ² / ₃ "	290-403-220
C	260mm, 10 ¹ / ₄ "	290-403-260





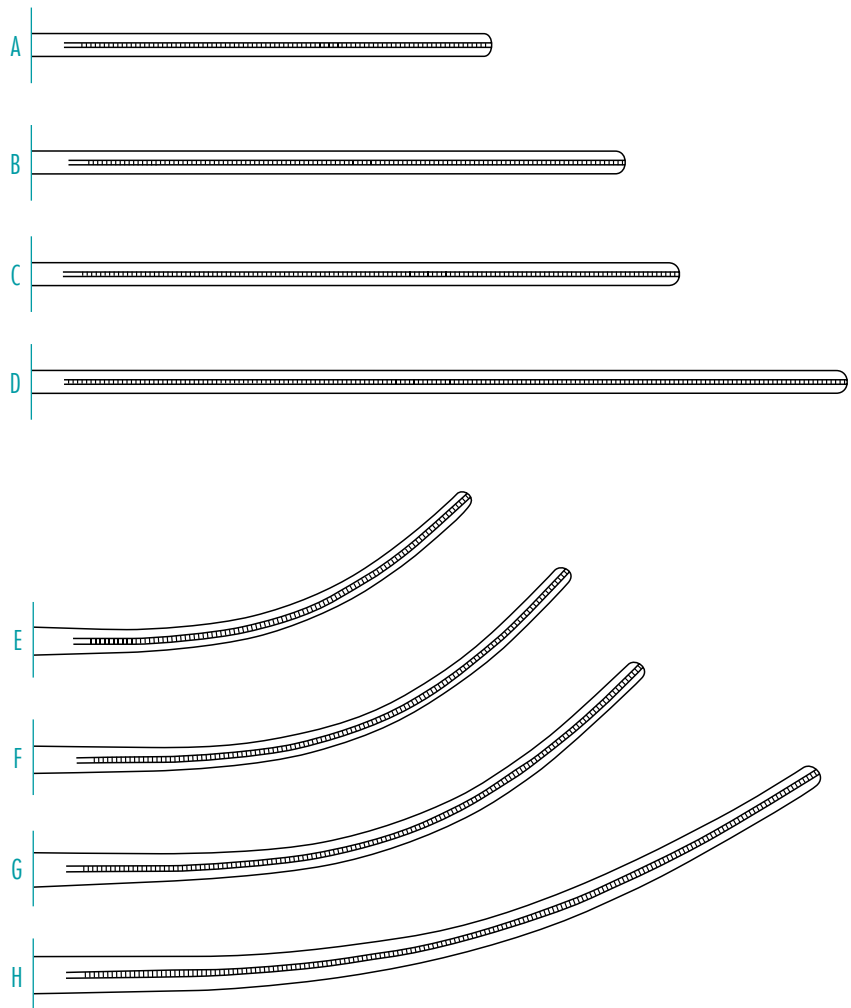
DEBAKEY

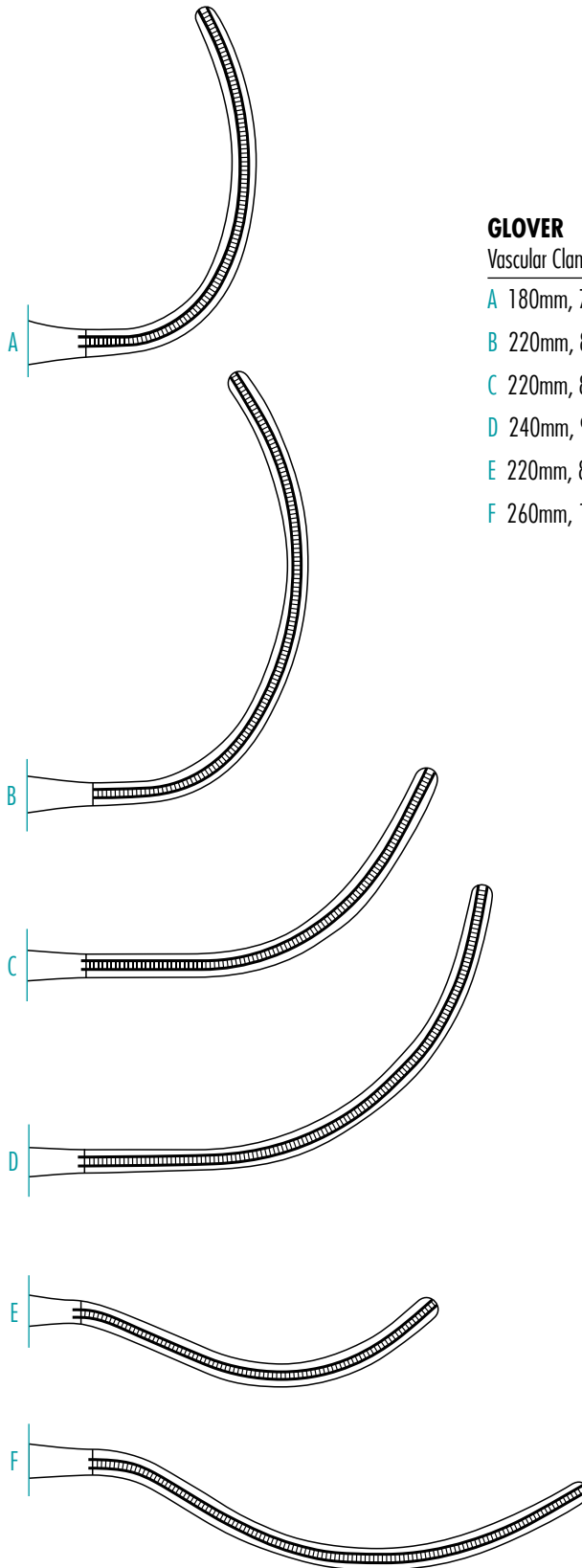
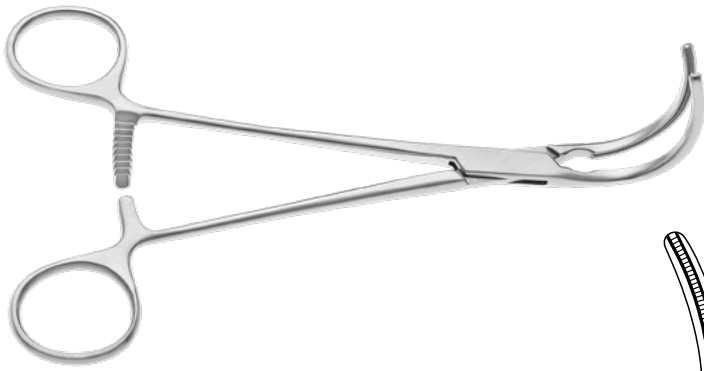
Coarctation Clamp, straight jaw

A	215mm, 8 ¹ / ₂ "	290-434-210
B	230mm, 9"	290-434-230
C	270mm, 10 ² / ₃ "	290-434-270
D	315mm, 12 ¹ / ₂ "	290-434-310

curved jaw

E	215mm, 8 ¹ / ₂ "	290-435-210
F	230mm, 9"	290-435-230
G	270mm, 10 ² / ₃ "	290-435-270
H	315mm, 12 ¹ / ₂ "	290-435-310

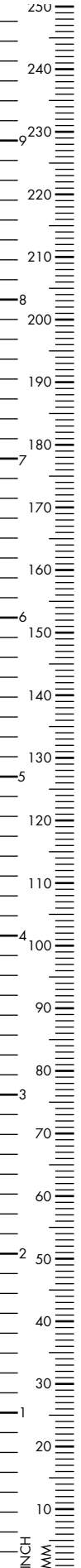


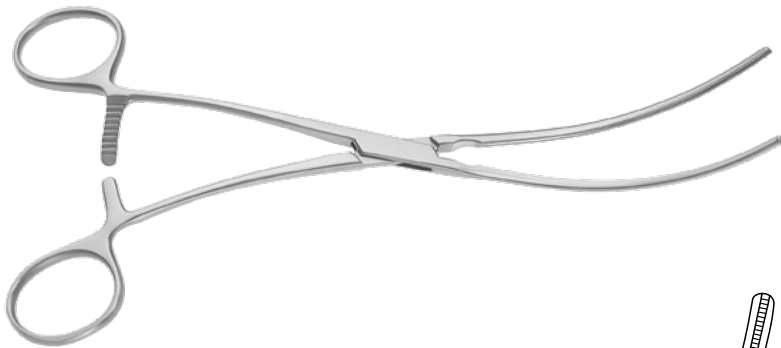


GLOVER

Vascular Clamp

A	180mm, 7"	290-405-195
B	220mm, 8 ² / ₃ "	290-405-210
C	220mm, 8 ² / ₃ "	290-451-215
D	240mm, 9 ¹ / ₂ "	290-451-240
E	220mm, 8 ² / ₃ "	290-412-220
F	260mm, 10 ¹ / ₄ "	290-412-260

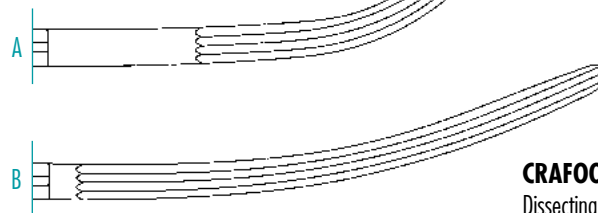
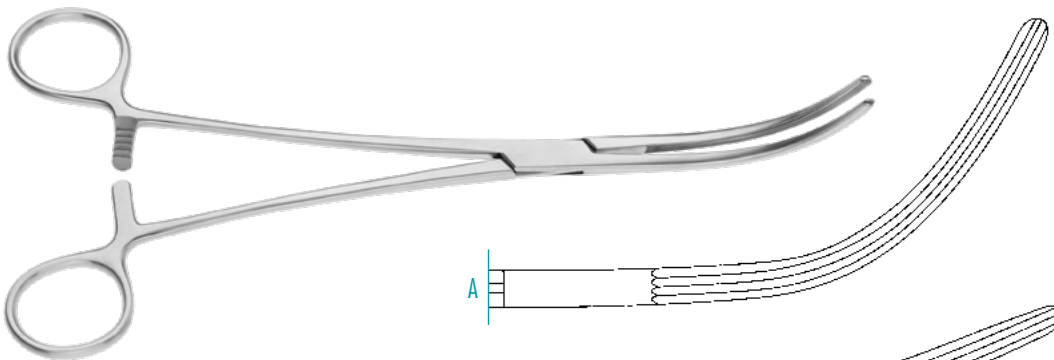
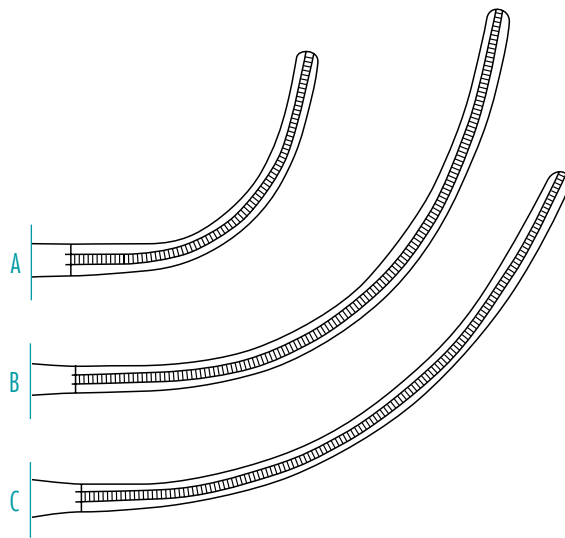




DEBAKEY

Peripheral Vascular Clamp

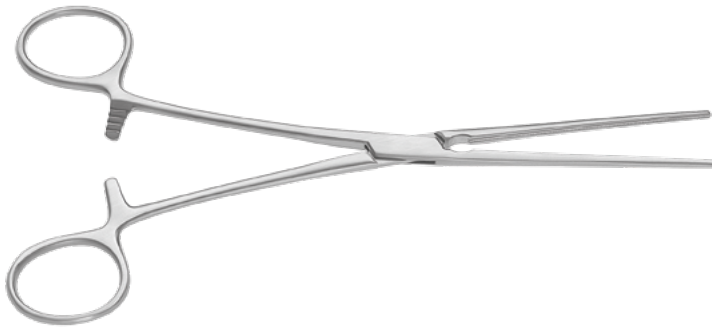
A	160mm, 6 ¹ / ₄ "	290-409-160
B	190mm, 7 ¹ / ₂ "	290-411-190
C	200mm, 8"	290-411-200



CRAFOORD SELLORS

Dissecting Forceps

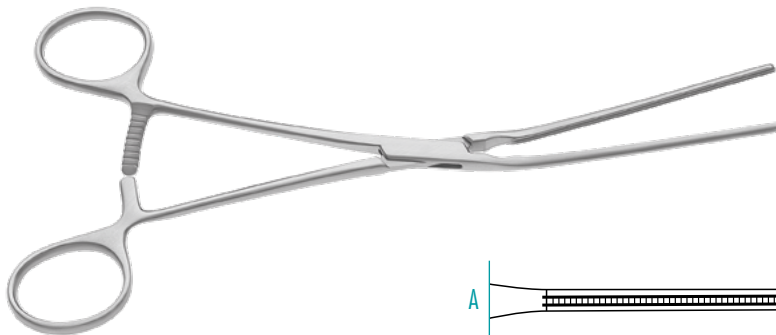
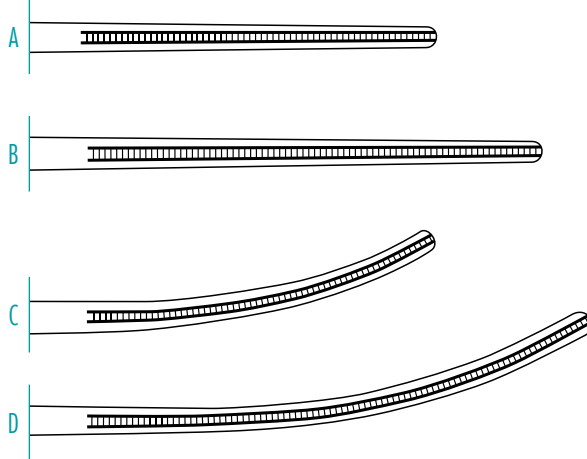
A	230mm, 9"	140-383-230
B	240mm, 9 ¹ / ₂ "	140-385-240



DEBAKEY BAINBRIDGE

Vascular Forceps

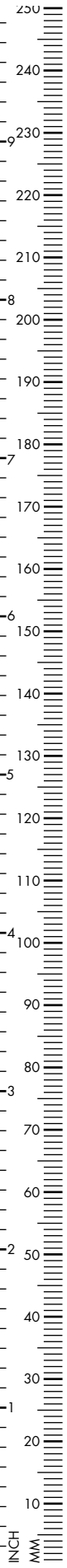
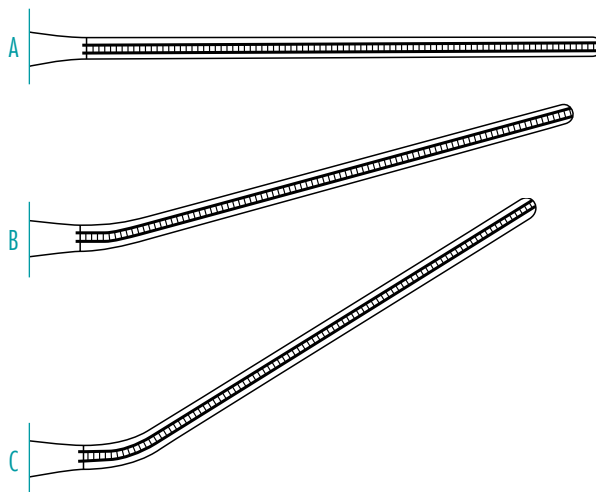
A	150mm, 6"	290-414-150
B	180mm, 7"	290-414-180
C	150mm, 6"	290-415-150
D	180mm, 7"	290-415-180

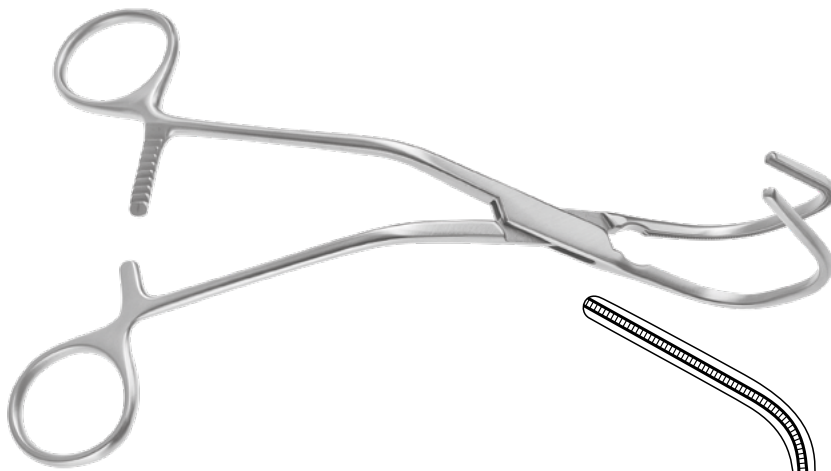


LELAND JONES

Peripheral Vascular Forceps, straight

A	200mm, 8"	290-413-195
15° angled		
B	200mm, 8"	290-413-200
30° angled		
C	190mm, 7 ^{1/2} "	290-413-190

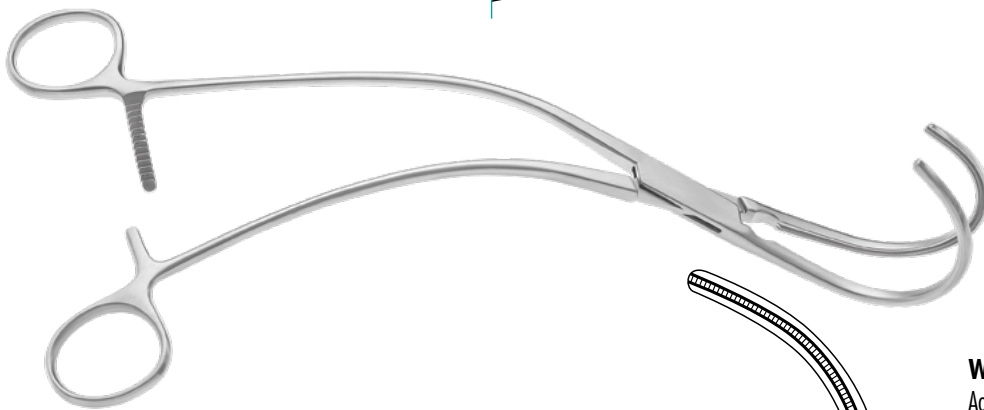
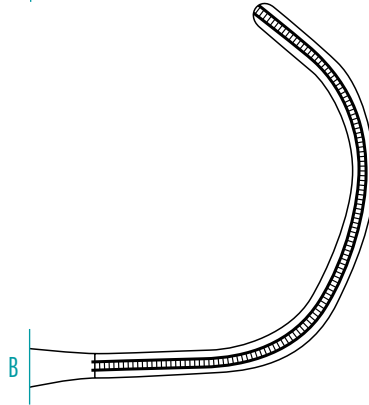
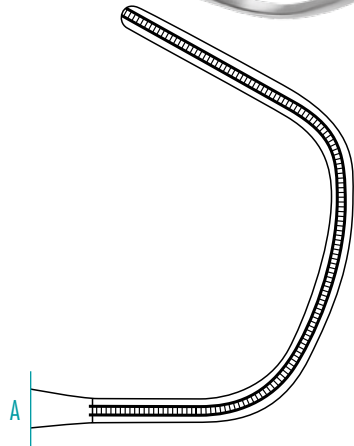




KAY LAMBERT

Anastomosis Clamp

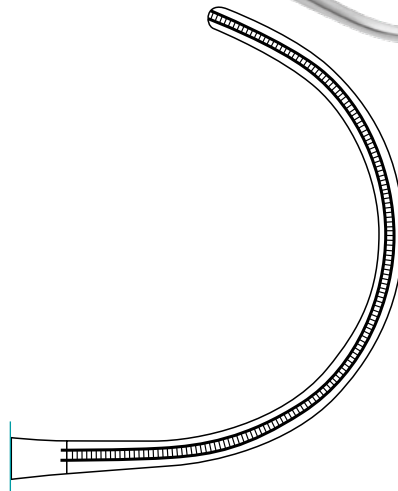
A	220mm, 8 ² / ₃ "	290-430-220
B	210mm, 8 ¹ / ₄ "	290-430-210

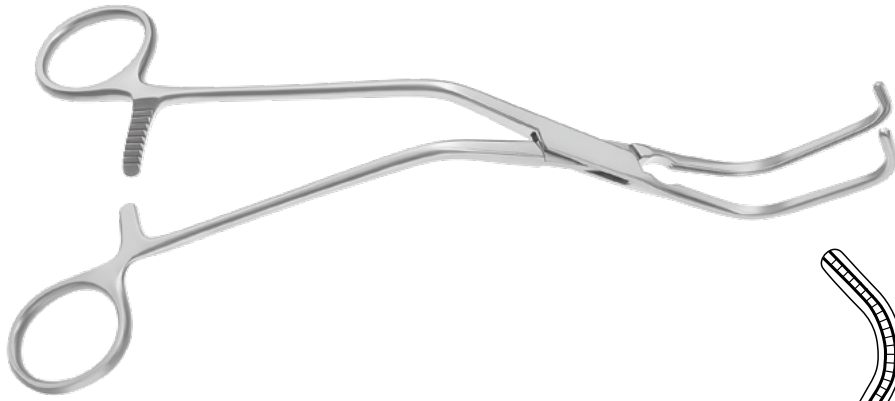


WEBER

Aortic Clamp, 260mm, 10¹/₄"

curved left	290-424-001
curved right	290-424-002



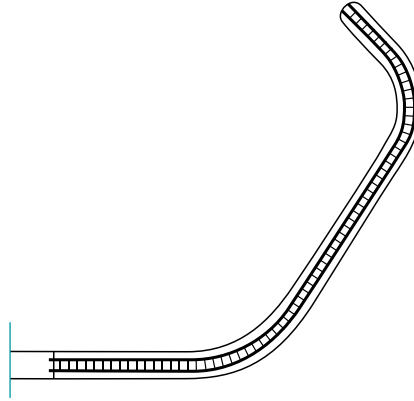


OCHSNER

Aortic Clamp

235mm, 9¹/₄"

290-317-230

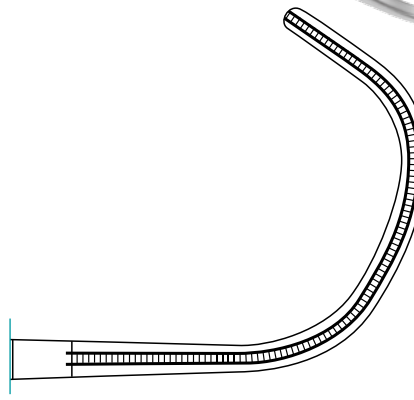


LIDDLE

Aortic Clamp

270mm, 10²/₃"

290-318-270

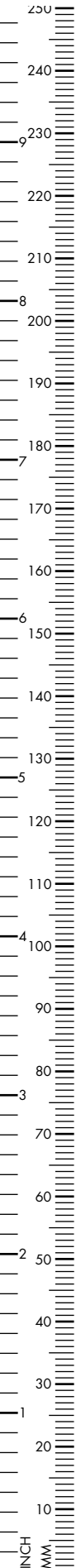
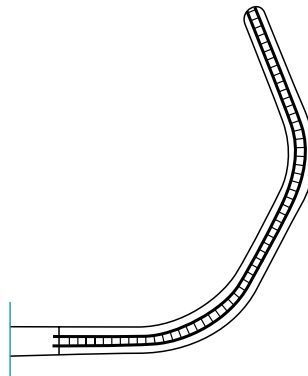


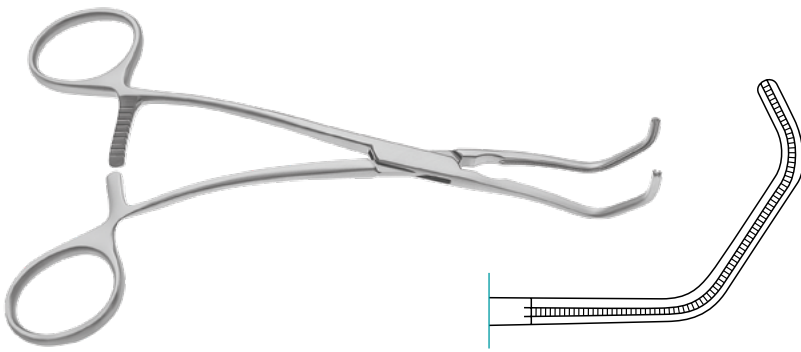
DIETRICH

Aortic Clamp

210mm, 8¹/₄"

290-319-210





HONGKONG DERRA

Vascular Clamp

170mm, 6²/₃"

290-432-170

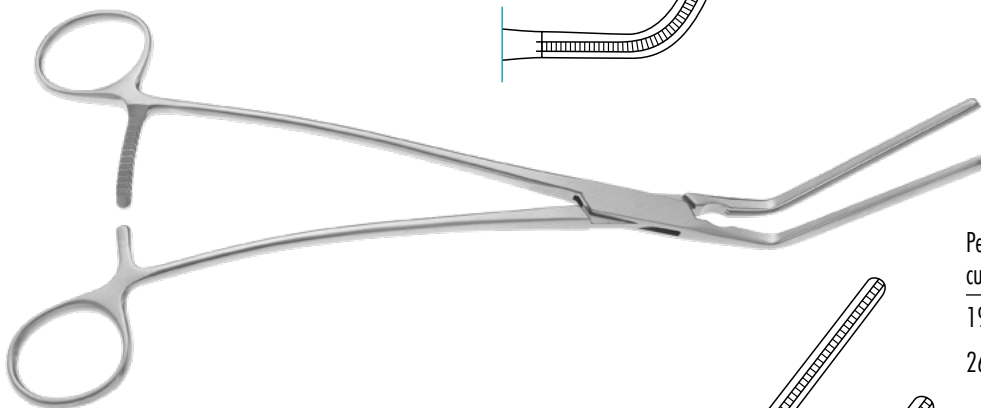


BEIJING SATINSKY

Vascular Clamp

225mm, 8⁷/₈"

290-425-220



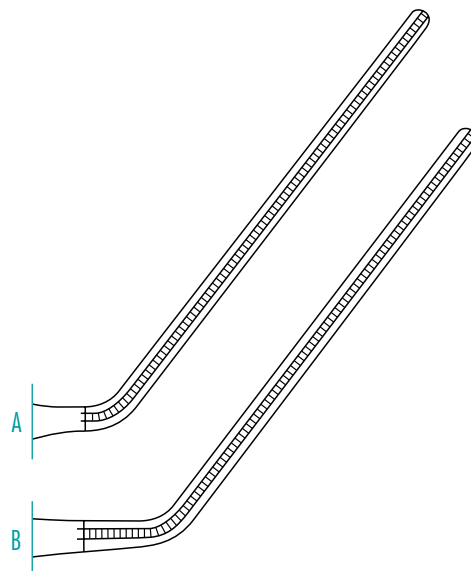
Peripheral Vascular Clamp
curved shanks, angled jaw

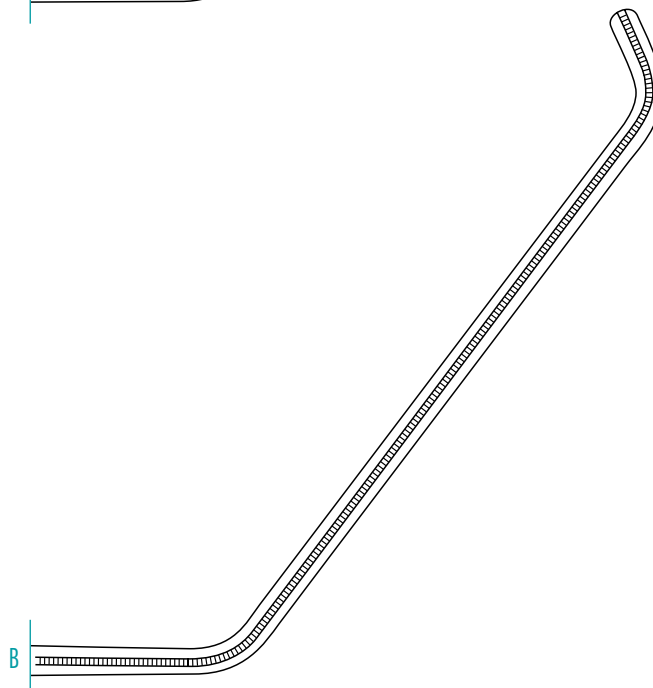
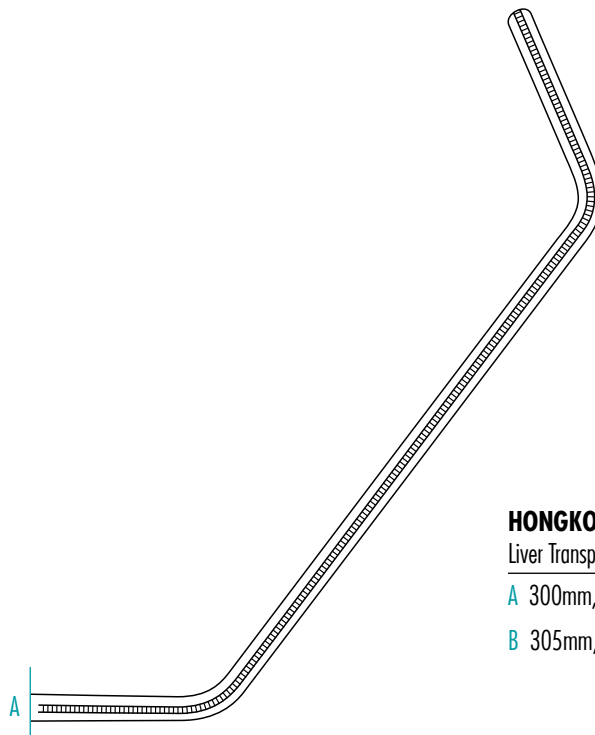
190mm, 7¹/₂"

290-402-190

265mm, 10¹/₂"

290-402-260



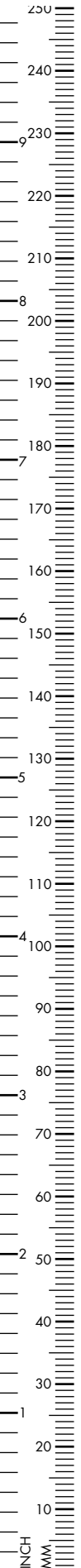


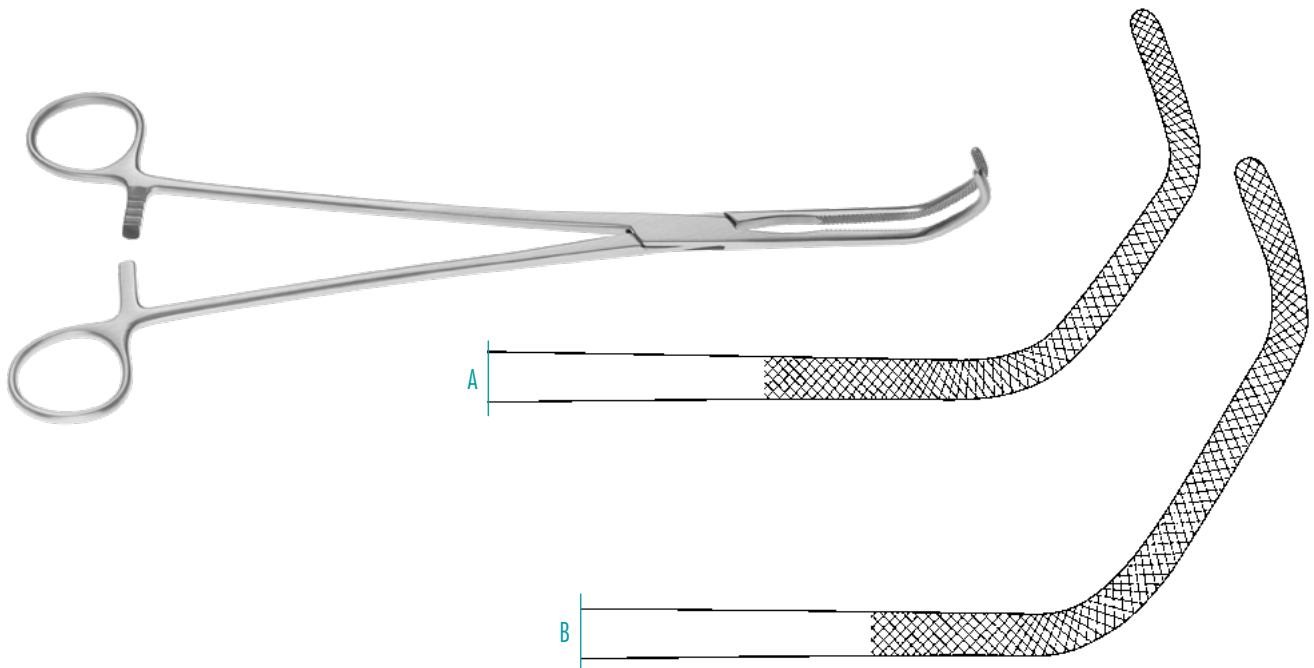
HONGKONG SATINSKY

Liver Transplant Clamp

A 300mm, 11^{7/8}" 290-426-300

B 305mm, 12" 290-426-305



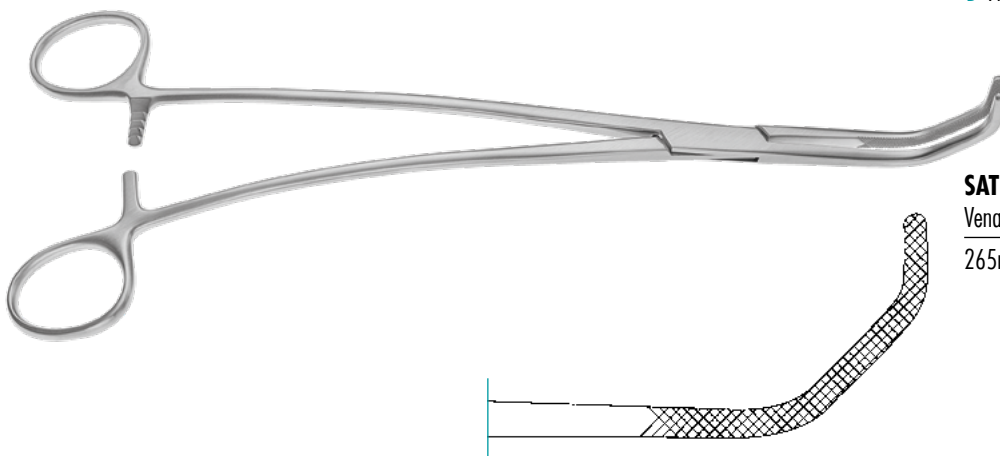


SATINSKY

Anastomosis Clamp, 260mm, 10¹/₄"

A Fig. 1 290-321-260

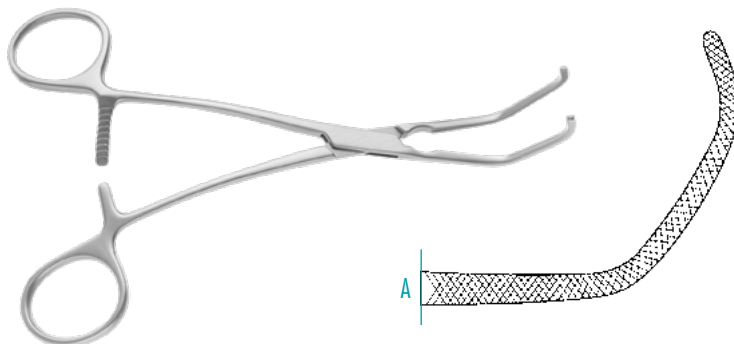
B Fig. 2 290-323-260



SATINSKY

Vena Cava Clamp S, Fig. 1

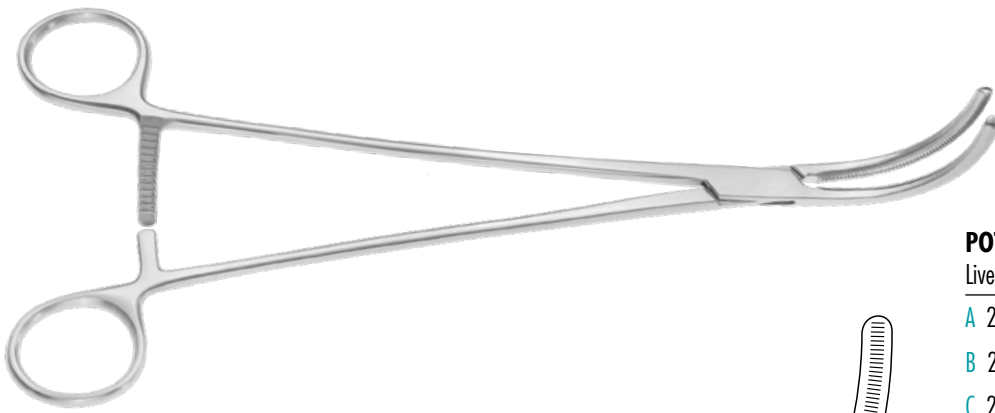
265mm, 10¹/₂" 290-325-260



SATINSKY

Anastomosis Clamps, curved

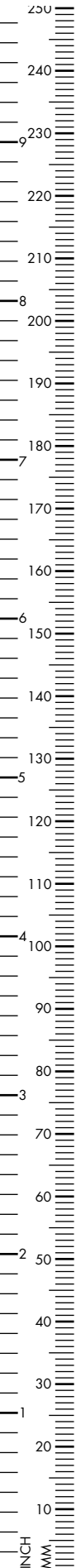
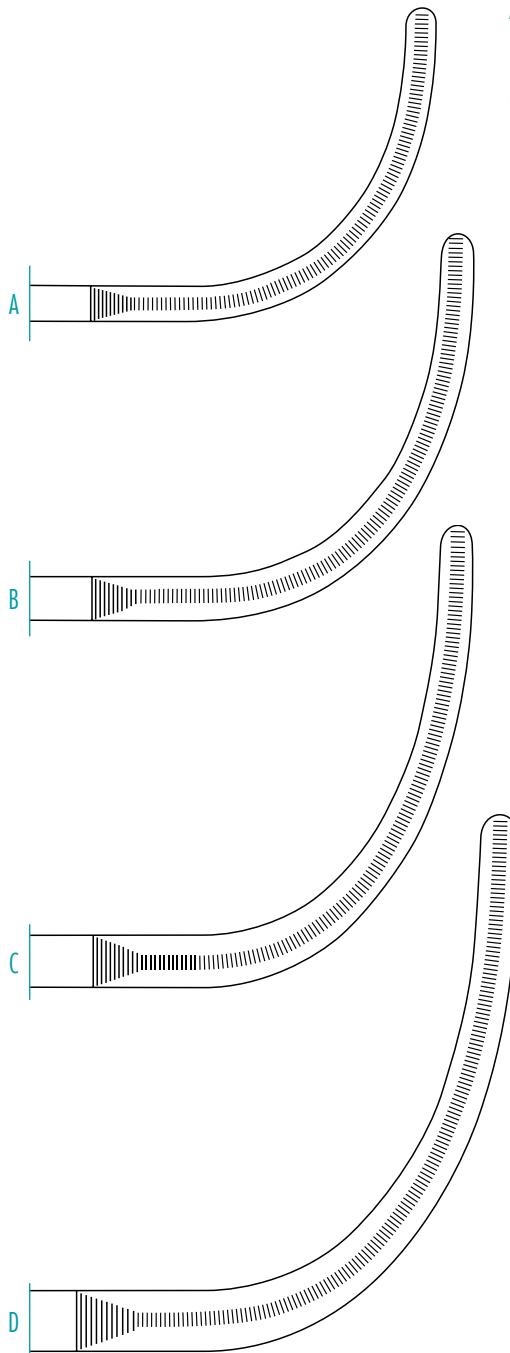
150mm, 6" 290-331-150

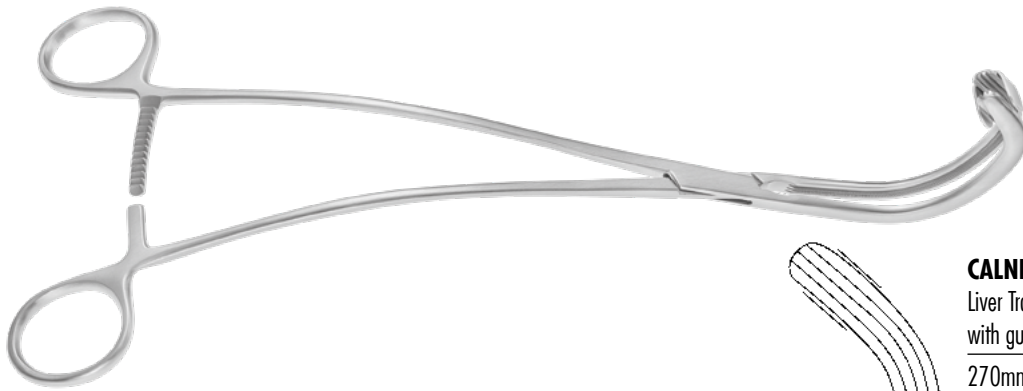


POTTS

Liver Transplant Clamp

A	255mm, 10"	290-755-255
B	255mm, 10"	290-756-255
C	270mm, 10 ² / ₃ "	290-757-270
D	280mm, 11"	290-758-280



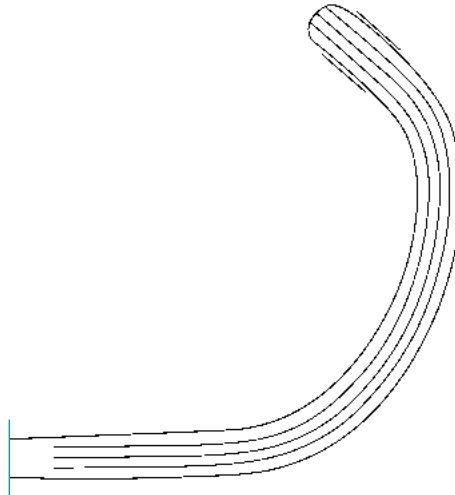


CALNE

Liver Transplant Clamp
with guide lock

270mm, 10²/₃"

290-418-270



KLINTMALM

Liver Transplant Clamp
medium

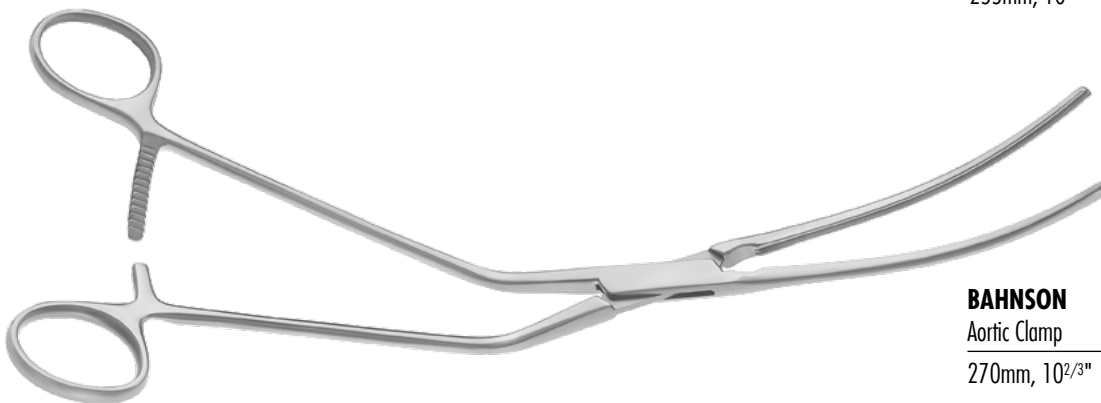
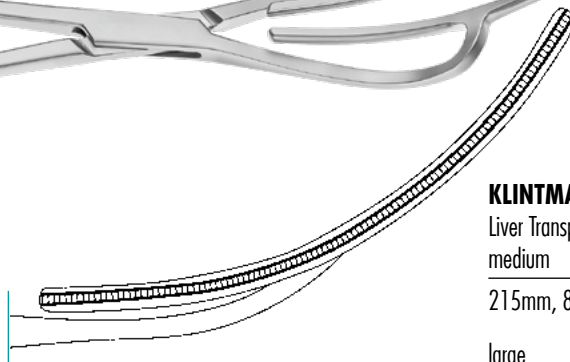
215mm, 8¹/₂"

290-680-215

large

255mm, 10"

290-695-255

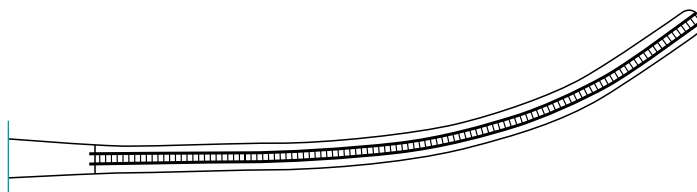


BAHNSON

Aortic Clamp

270mm, 10²/₃"

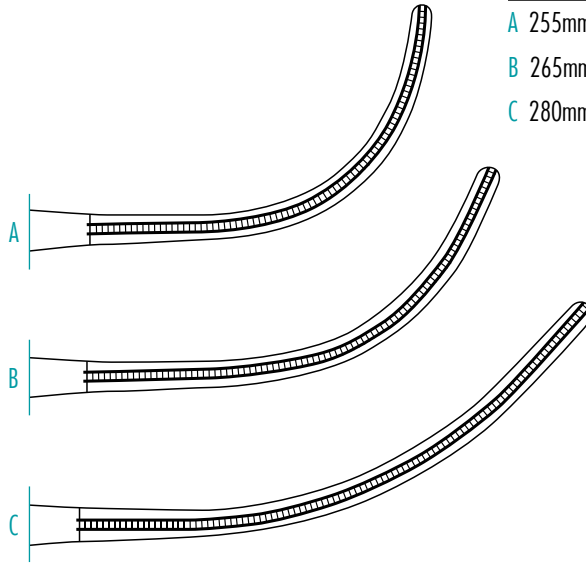
290-418-280





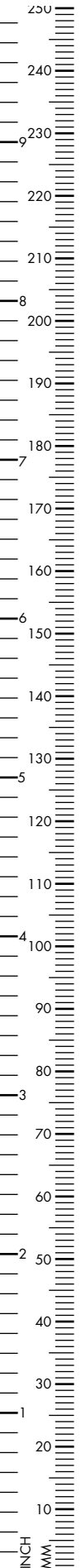
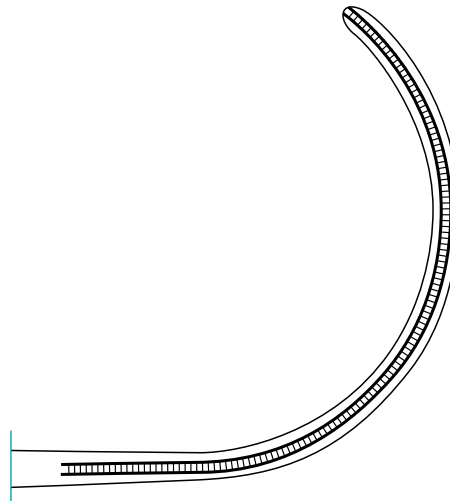
DEBAKEY BAHNSON
Aortic Aneurysm Clamp

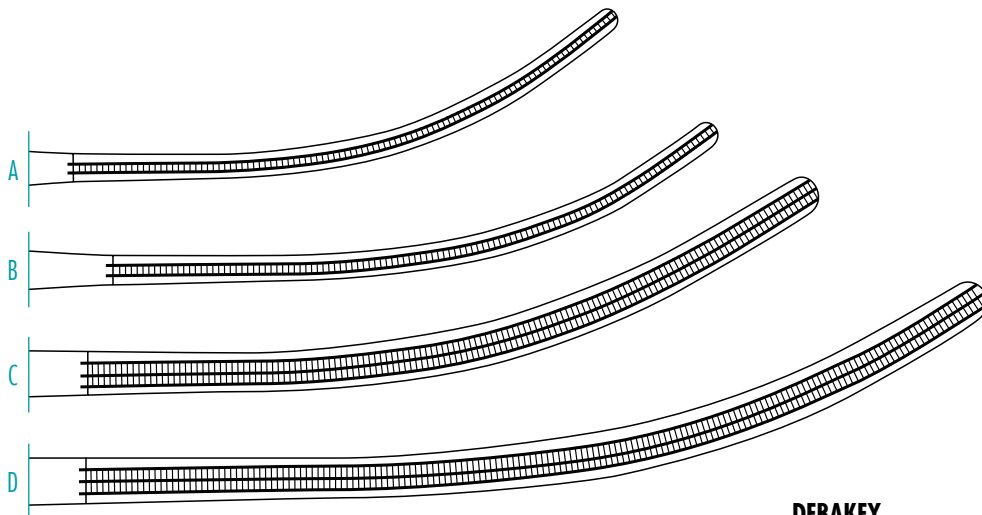
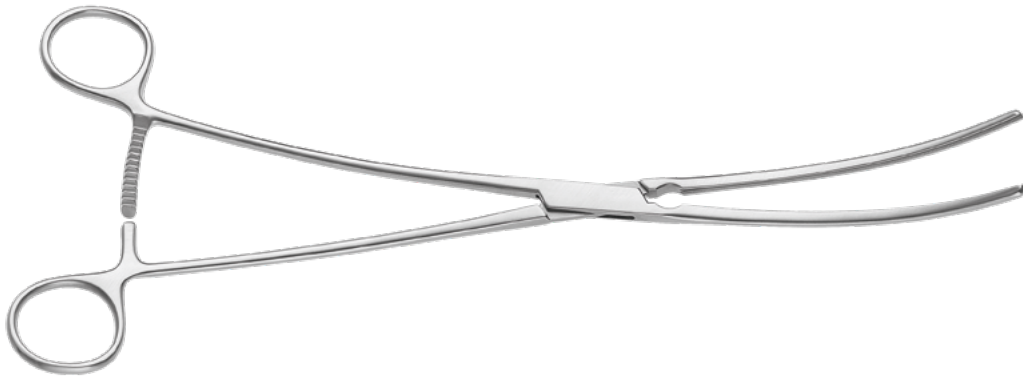
A	255mm, 10"	290-433-230
B	265mm, 10 ^{1/2} "	290-433-250
C	280mm, 11"	290-433-270



DEBAKEY
Aortic Clamp

	260mm, 10 ^{1/4} "	290-423-260
--	----------------------------	-------------





DEBAKEY

Aortic Aneurysm Clamp, c-curved

1x2 teeth

A 260mm, 10¹/₄" 290-417-260

B 270mm, 10²/₃" 290-417-300

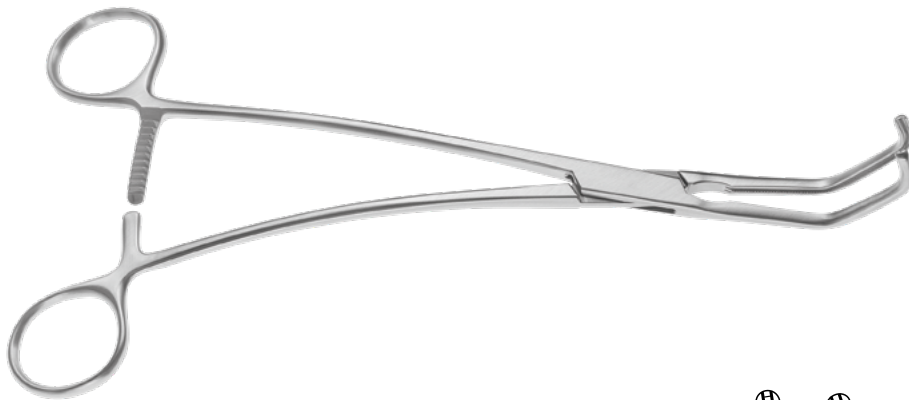
2x3 teeth

C 310mm, 12¹/₄" 290-418-310

D 335mm, 13" 290-418-330

s-curved, 2x3 teeth

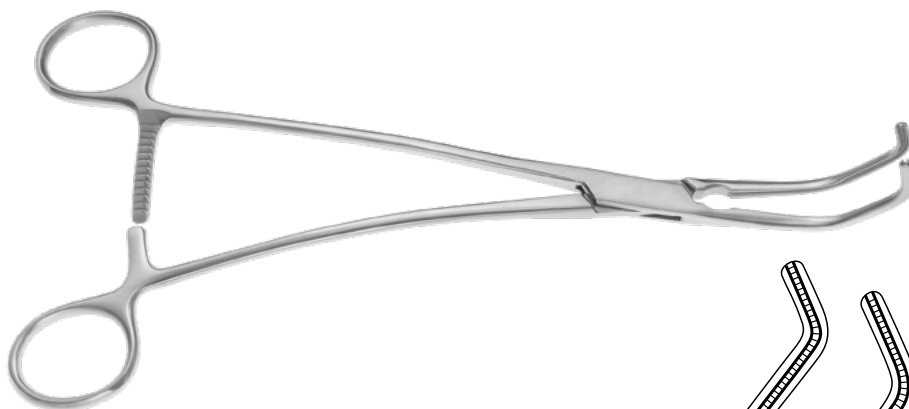
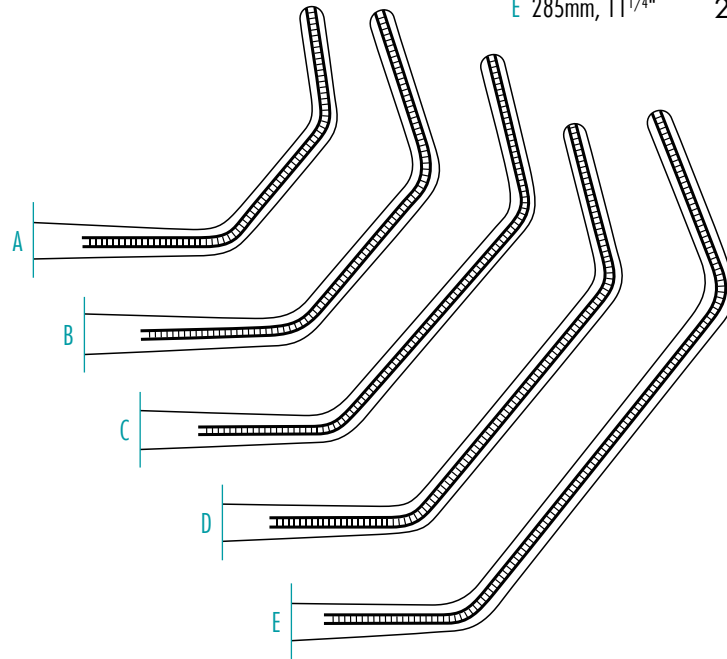
B 270mm, 10²/₃" 290-420-300



SATINSKY

Tangential Clamp

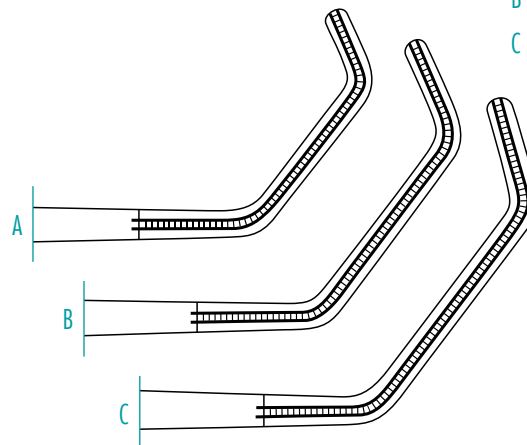
A	200mm, 8"	290-425-200
B	240mm, 9 ¹ / ₂ "	290-425-240
C	250mm, 9 ⁷ / ₈ "	290-425-250
D	265mm, 10 ¹ / ₂ "	290-425-260
E	285mm, 11 ¹ / ₄ "	290-425-275

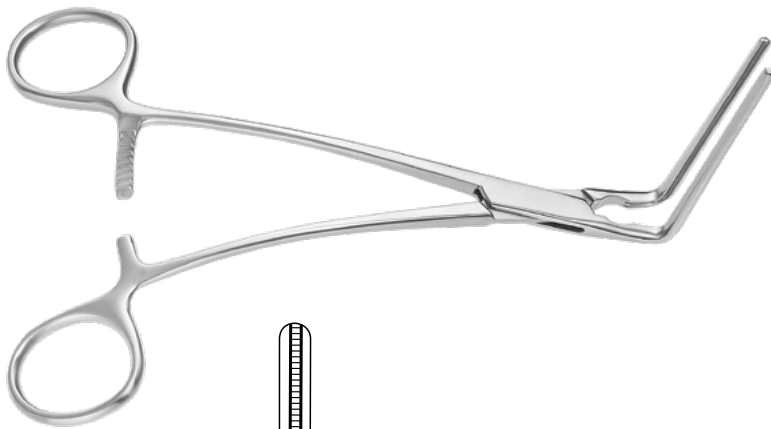


SATINSKY

Tangential Occlusion Clamp

A	235mm, 9 ¹ / ₄ "	290-511-235
B	240mm, 9 ¹ / ₂ "	290-511-240
C	245mm, 9 ² / ₃ "	290-511-245

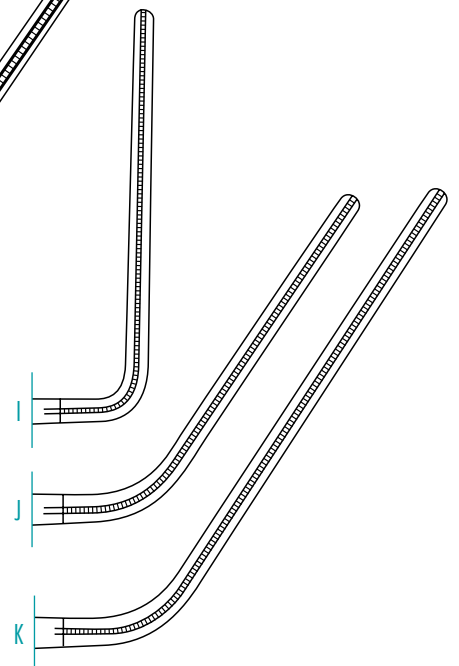
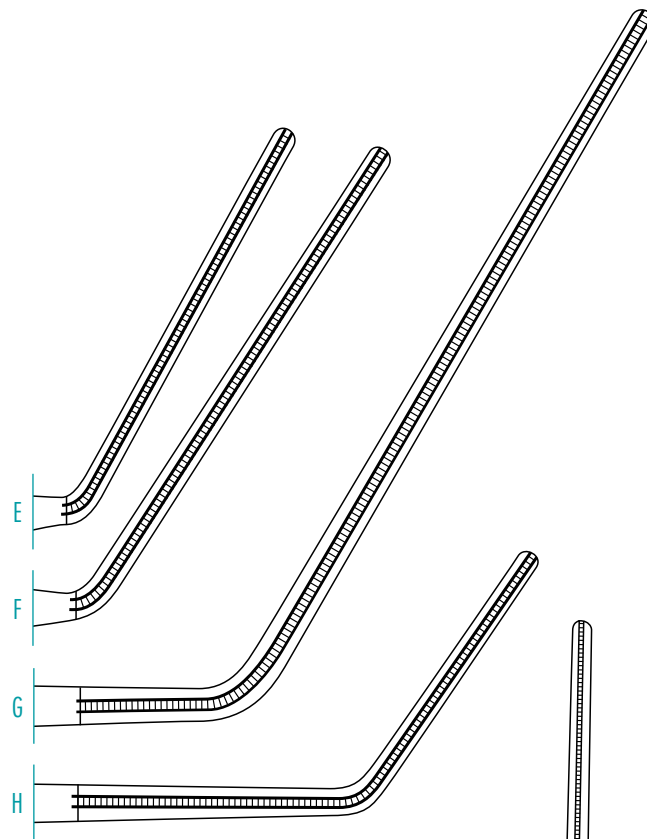
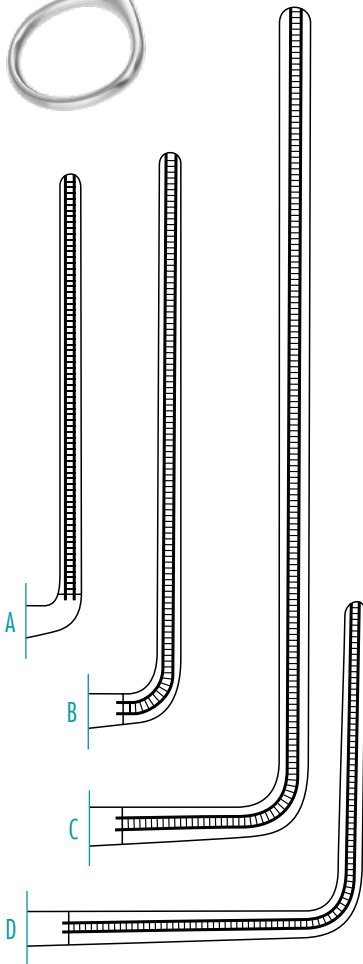


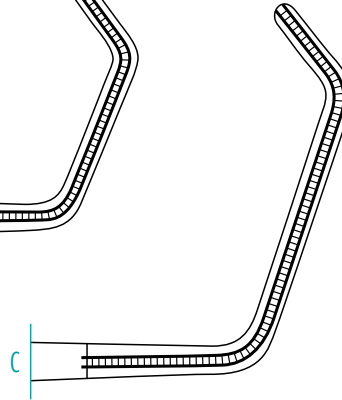
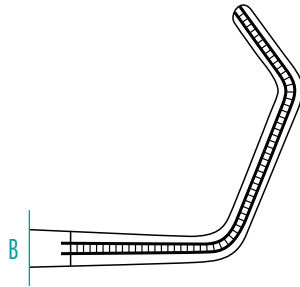
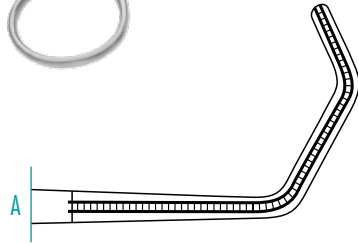
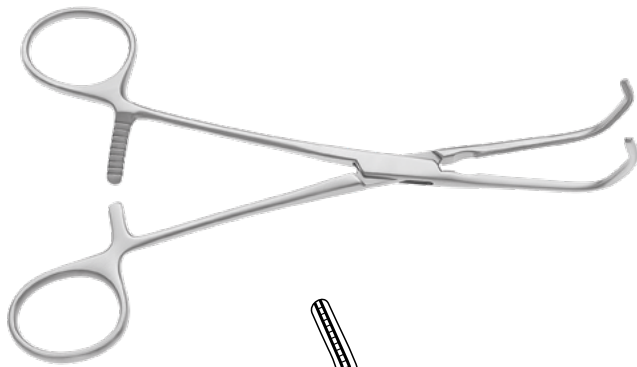


DEBAKEY

Multi-Purpose Clamps

A	180mm, 7"	290-436-180
B	190mm, 7 ¹ / ₂ "	290-436-190
C	225mm, 8 ⁷ / ₈ "	290-436-230
D	270mm, 10 ² / ₃ "	290-436-270
E	200mm, 8"	290-437-200
F	210mm, 8 ¹ / ₄ "	290-437-210
G	290mm, 11 ¹ / ₂ "	290-437-290
H	250mm, 9 ⁷ / ₈ "	290-437-250
I	180mm, 7"	290-442-180
J	190mm, 7 ¹ / ₂ "	290-442-190
K	210mm, 8 ¹ / ₄ "	290-442-210





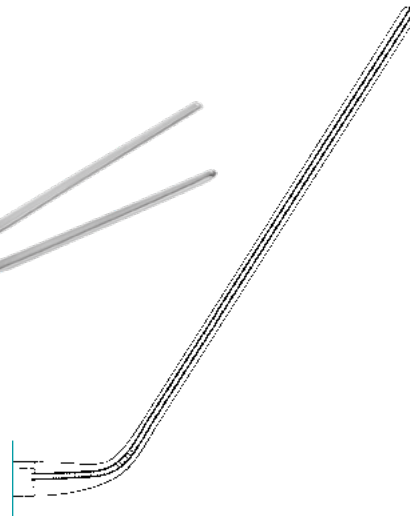
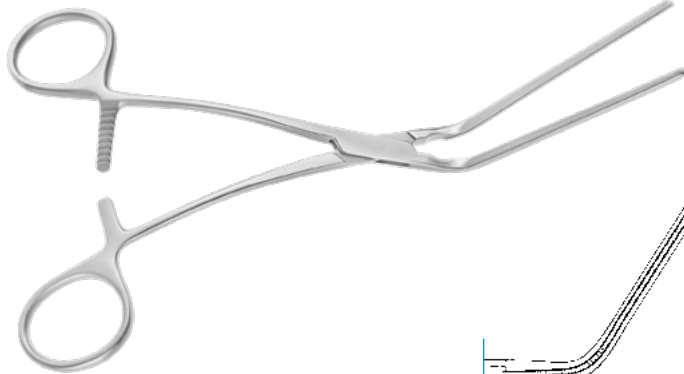
DEBAKEY BECK

Aortic Clamp

A 170mm, 6²/₃" 290-457-170

B 195mm, 7³/₄" 290-457-190

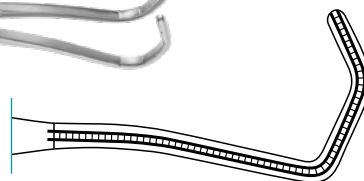
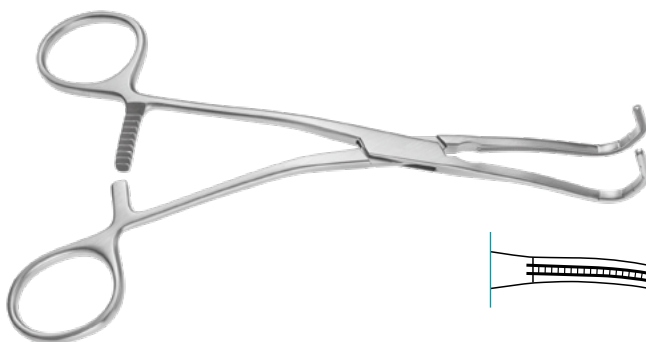
C 210mm, 8¹/₄" 290-457-210



LELAND JONES

Peripheral Vascular Clamps,
shanks curved backwards,
60° angled backwards

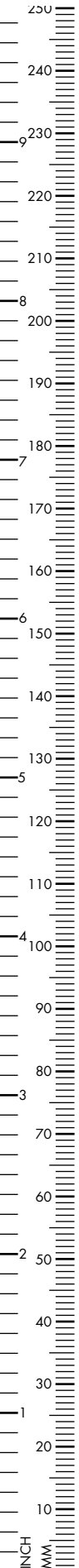
180mm, 7" 290-413-180

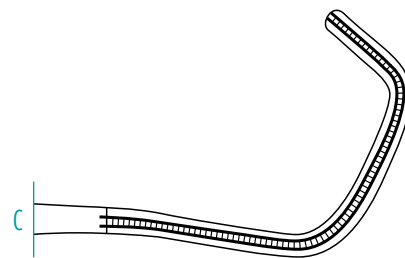
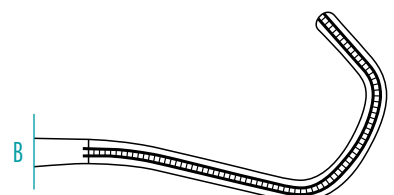
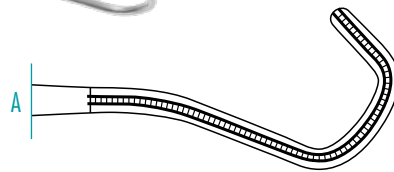
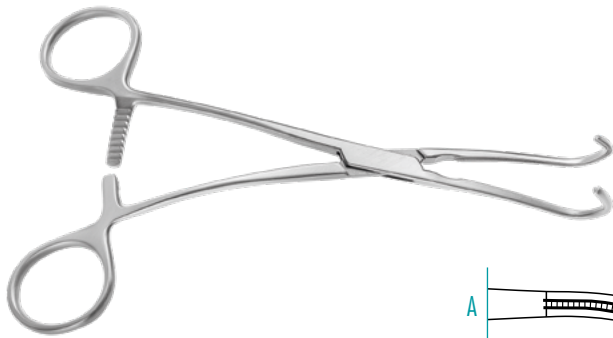


DEBAKEY

Anastomosis Clamp

170mm, 6²/₃" 290-431-170

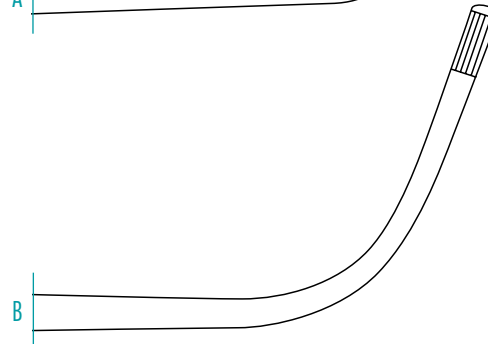
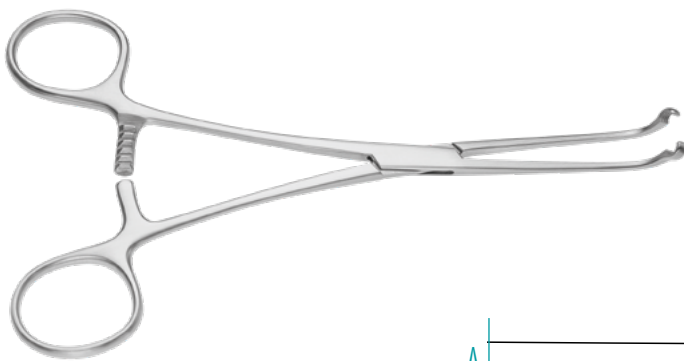




DEBAKEY DERRA

Anastomosis Clamp

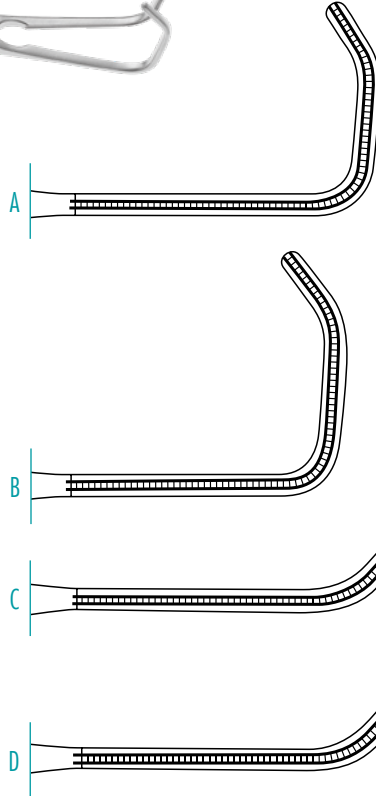
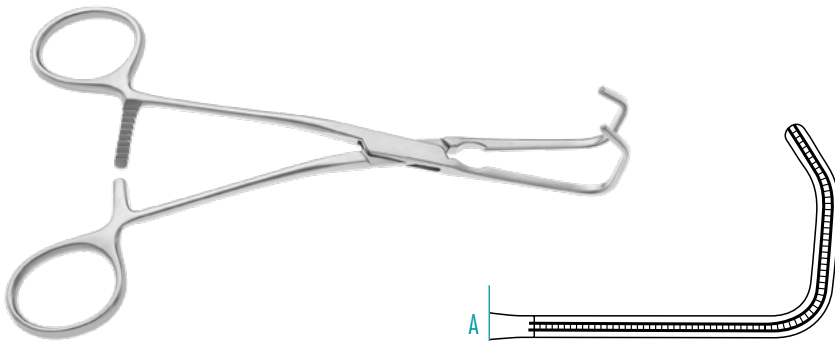
A	160mm, 6 ¹ / ₄ "	290-456-160
B	170mm, 6 ² / ₃ "	290-456-170
C	180mm, 7"	290-456-180



JAVID

Carotid Clamp, 180mm, 7"

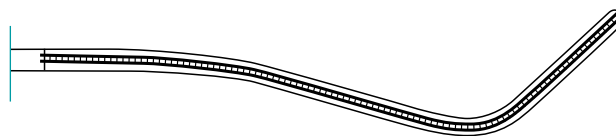
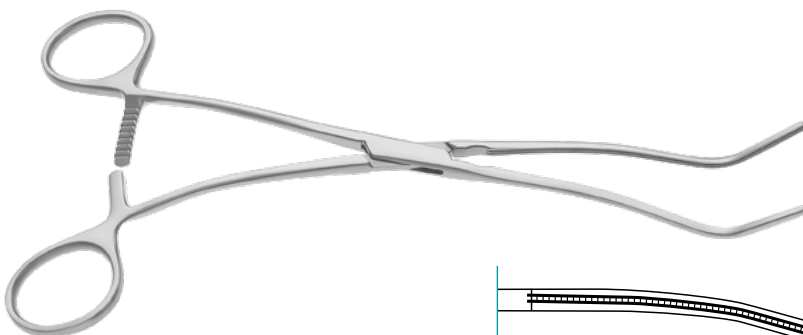
A	290-343-180
B	290-343-190



DEBAKEY REYNOLDS

Anastomosis Clamp

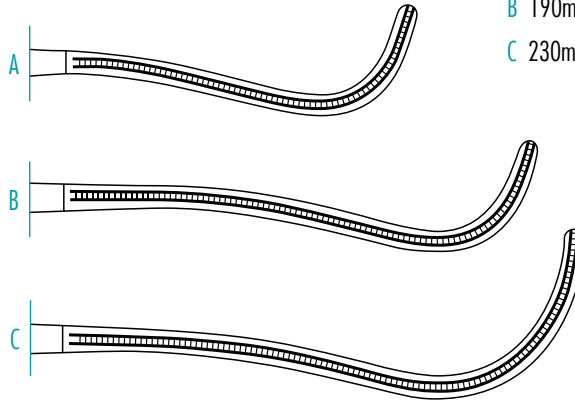
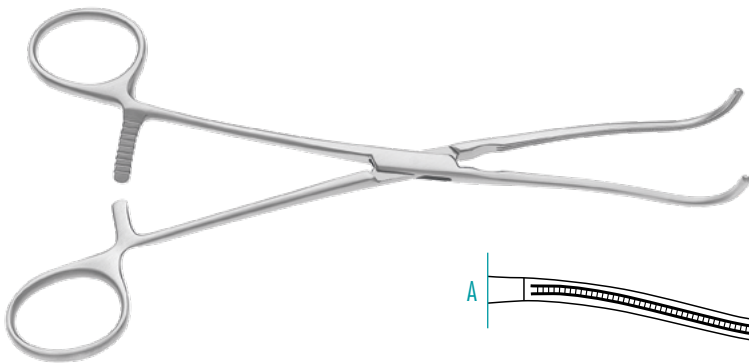
A	165mm, 6 ¹ / ₂ ", small	290-429-001
B	165mm, 6 ¹ / ₂ ", large	290-429-002
C	180mm, 7", small	290-429-003
D	180mm, 7", large	290-429-004



DEBAKEY

Renal Artery Clamp

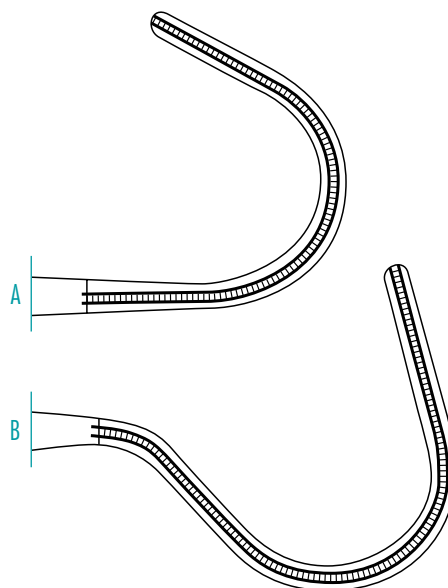
200mm, 8"	290-416-200
-----------	-------------



DEBAKEY

Dissecting and Ligature Forceps

A	230mm, 9"	290-409-230
B	190mm, 7 ¹ / ₂ "	290-408-190
C	230mm, 9"	290-408-230



WYLIE

Vascular Clamp

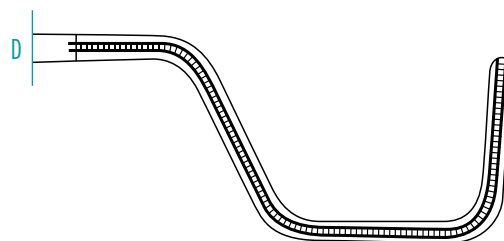
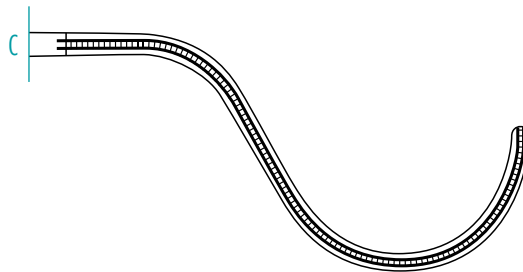
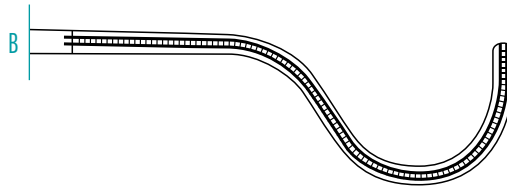
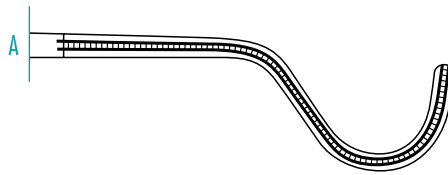
A	210mm, 8 ¹ / ₄ "	290-453-210
B	220mm, 8 ² / ₃ "	290-453-220

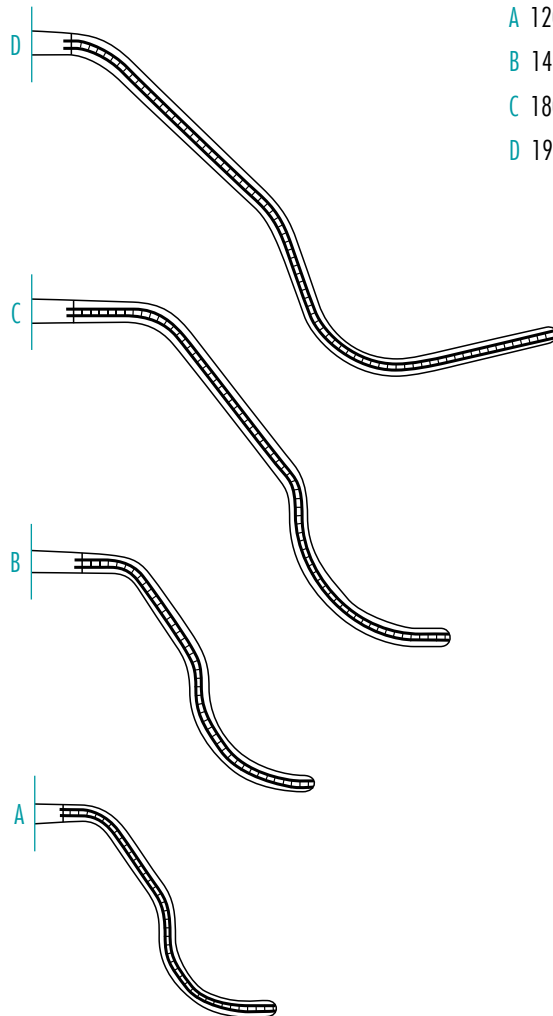
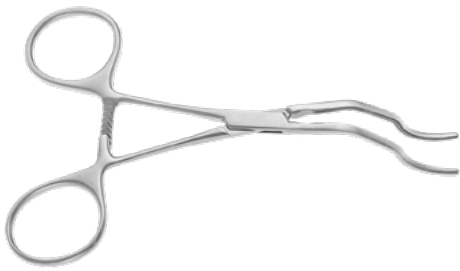


DALE

Peripheral Vascular Clamp

A	170mm, 6 ² / ₃ "	290-341-170
B	180mm, 7"	290-341-180
C	185mm, 7 ¹ / ₄ "	290-341-190
D	180mm, 7"	290-340-180

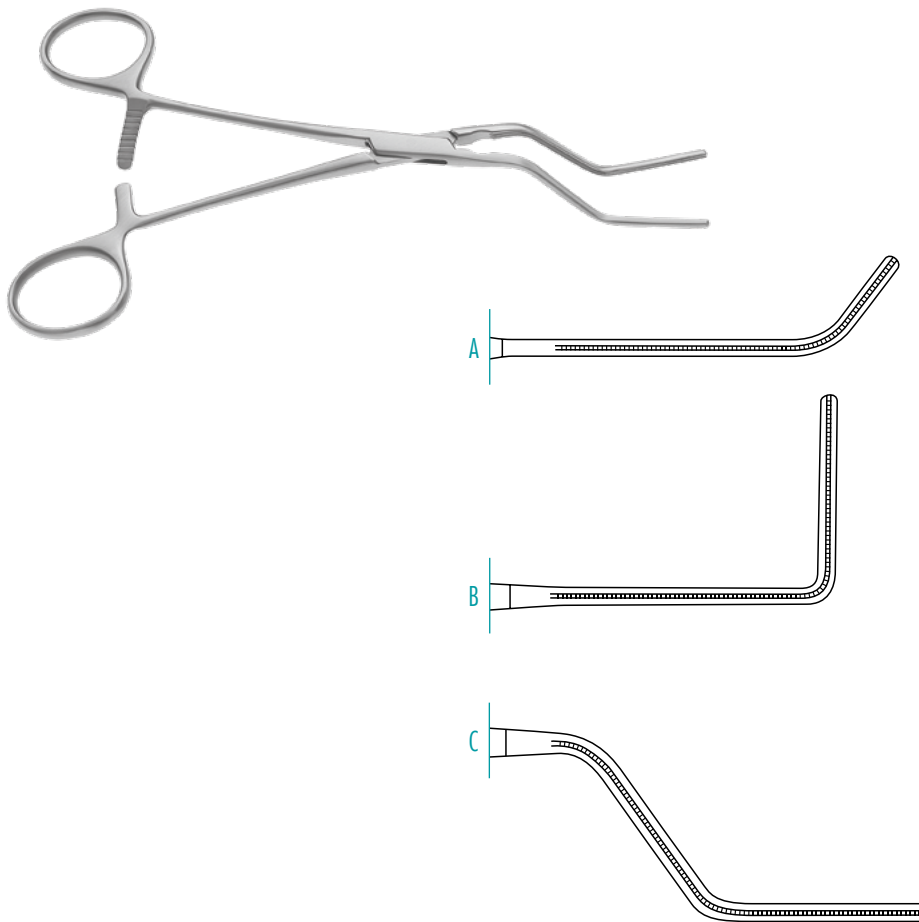




GREGORY

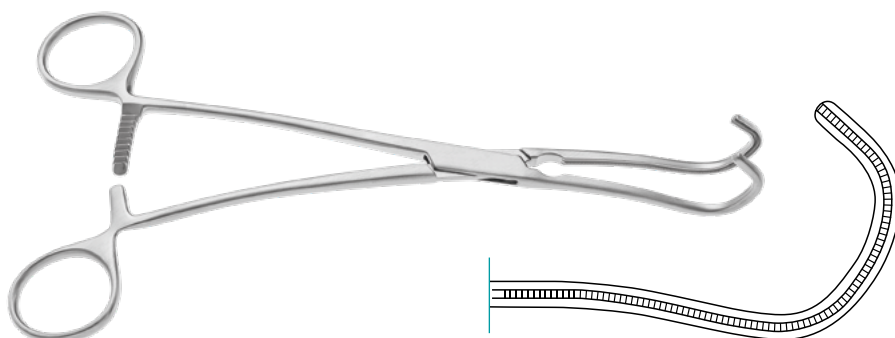
Profunda Clamp

A	120mm, 4 ³ / ₄ "	290-342-120
B	140mm, 5 ¹ / ₂ "	290-342-140
C	180mm, 7"	290-342-160
D	190mm, 7 ¹ / ₂ "	290-342-180



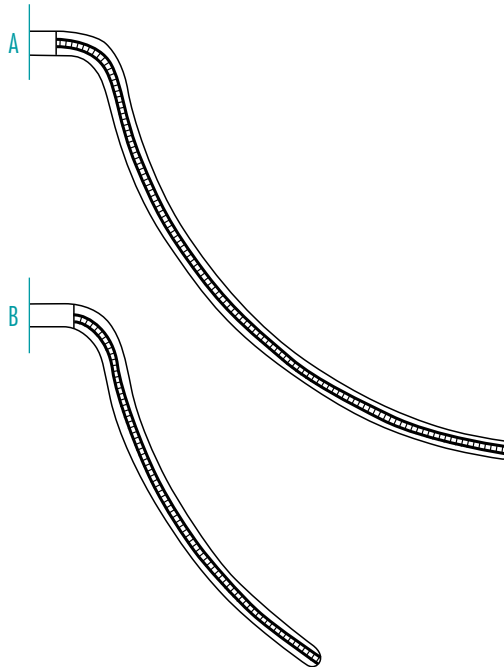
HUSFELDT
Carotid Profunda Clamp

A	180mm, 7"	290-594-175
B	170mm, 6 ² / ₃ "	290-594-170
C	180mm, 7"	290-594-180



MITCHELL
Aortic Clamp

200mm, 8"	290-424-200
-----------	-------------



WYLIE

Vascular Clamps, shanks curved up

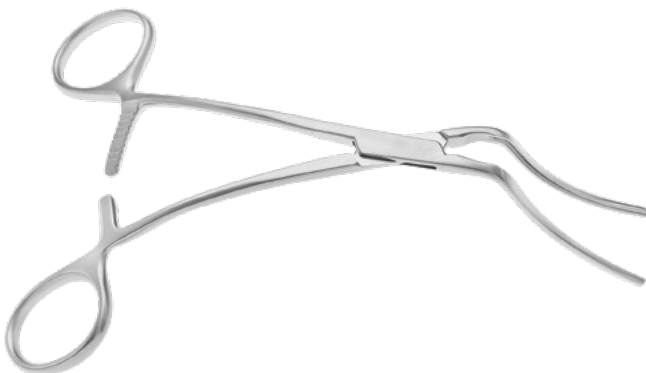
A 160mm, 6¹/₄" 290-344-160

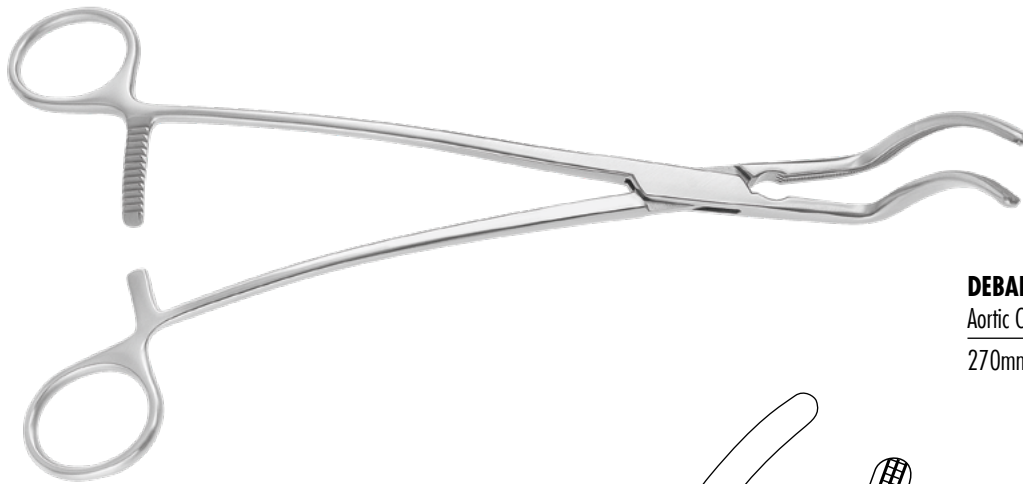
B 180mm, 7" 290-344-180

shanks curved down

A 170mm, 6²/₃" 290-344-170

B 200mm, 8" 290-344-200



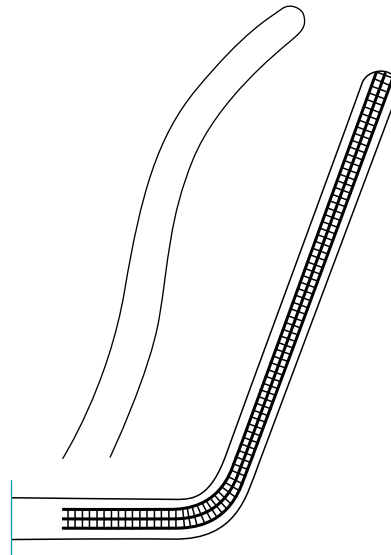


DEBAKEY

Aortic Clamp, 2x3 teeth

270mm, 10²/₃"

290-420-270

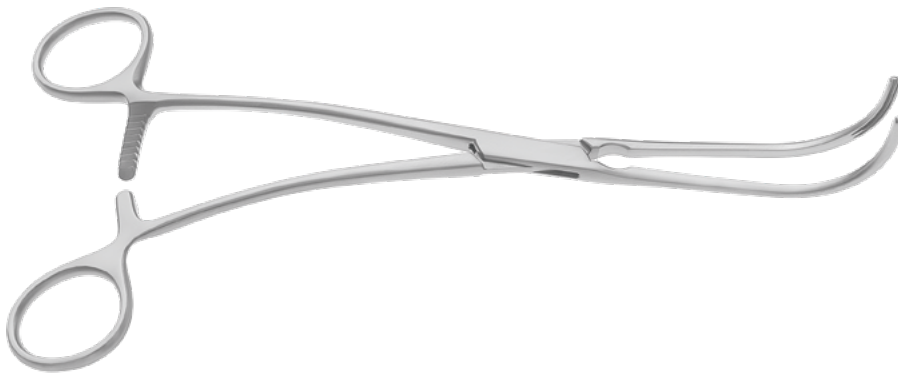


GRANT

Abdominal Aortic Aneurism Clamp, 2x3 teeth

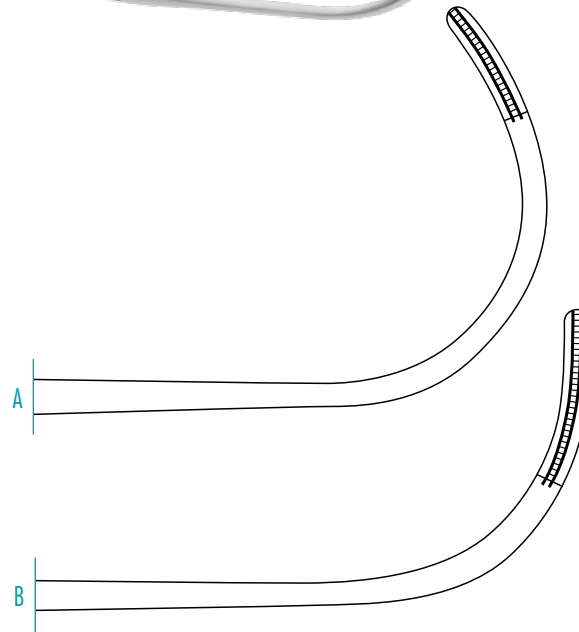
245mm, 9²/₃"

290-431-230



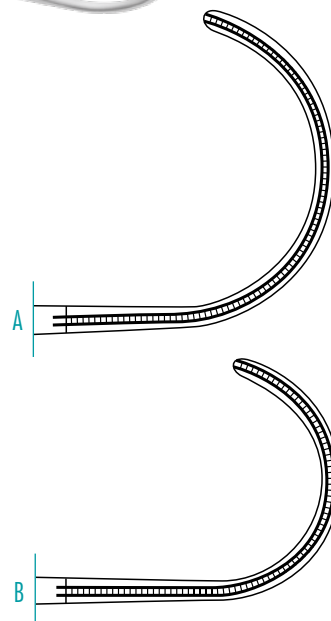
DEBAKEY
Ligature Clamp

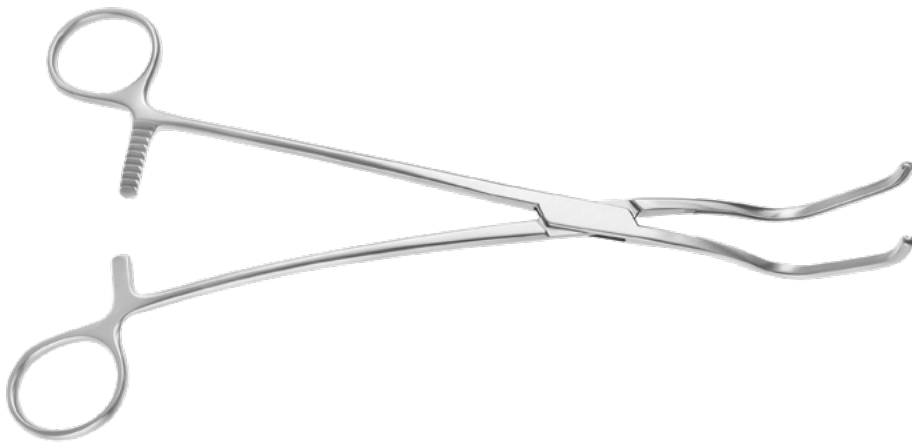
A	270mm, 10 ² / ₃ "	290-423-250
B	240mm, 9 ¹ / ₂ "	290-421-240



DEBAKEY
Ligature Clamp

A	160mm, 6 ¹ / ₄ "	290-455-170
B	160mm, 6 ¹ / ₄ "	290-453-160

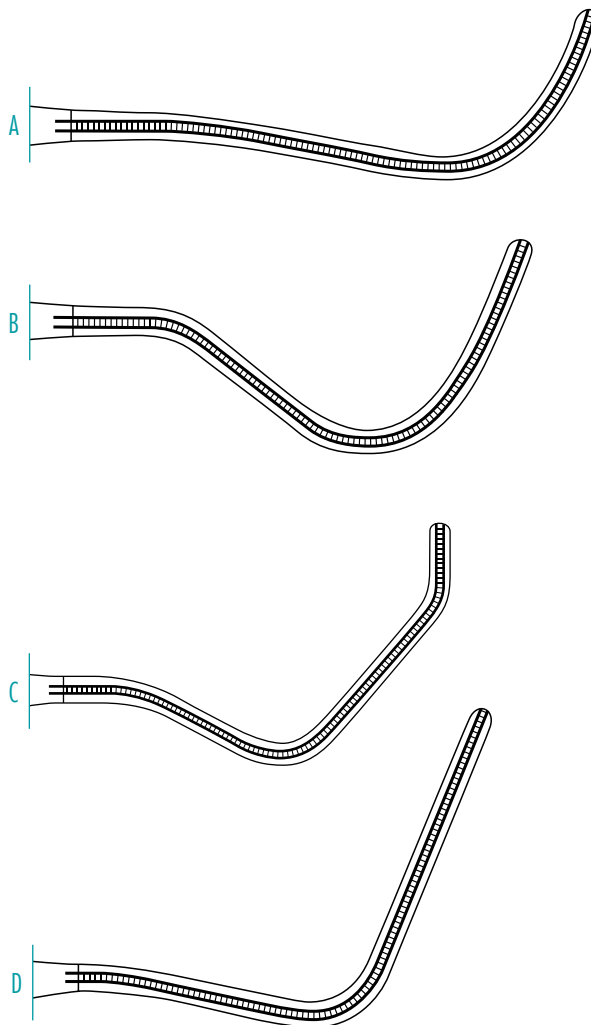


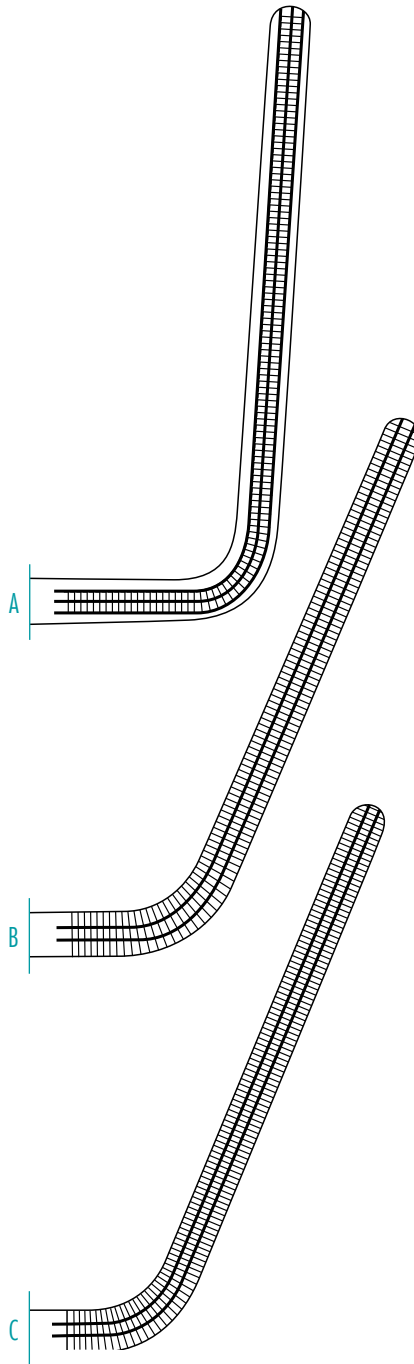


DEBAKEY HARKEN

Auricle Clamp, 240mm, 9¹/₂"

- | | |
|----------|-------------|
| A Fig. 1 | 290-426-001 |
| B Fig. 2 | 290-426-002 |
| C Fig. 3 | 290-426-003 |
| D Fig. 4 | 290-426-004 |





MORRIS

Aortic Clamp, 2x3 teeth

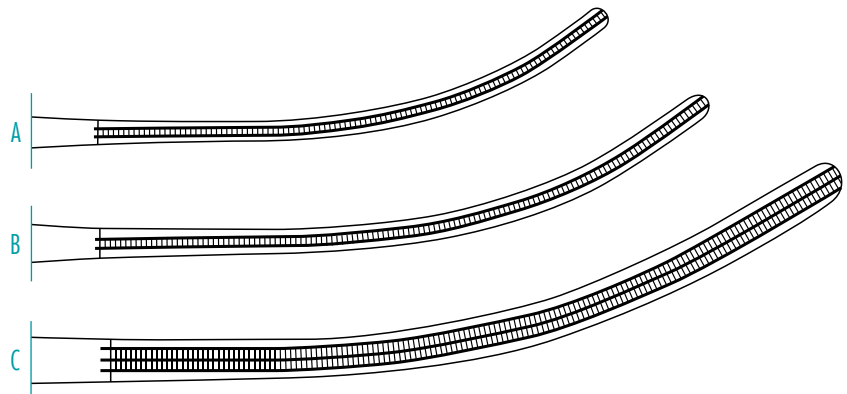
A	230mm, 9"	290-432-230
B	250mm, 9 ⁷ / ₈ "	290-432-250
C	200mm, 8"	290-432-200



ZANGER

Abdominal Aortic Clamp

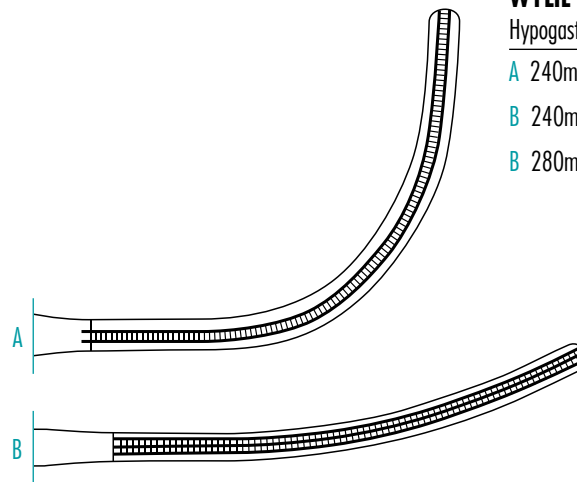
A	215mm, 8 ¹ / ₂ "	290-413-220
	1x2 teeth	
B	250mm, 9 ⁷ / ₈ "	290-413-250
	1x2 teeth	
C	305mm, 12"	290-414-310
	2x3 teeth	

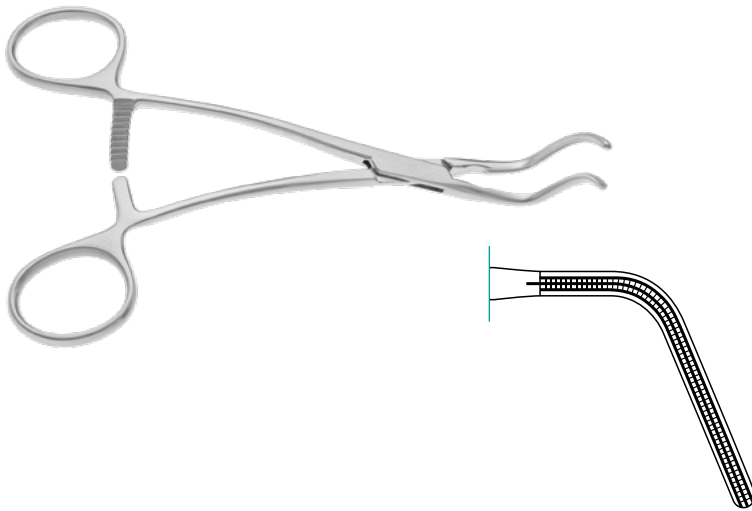


WYLIE

Hypogastric and Abdominal Aortic Clamp

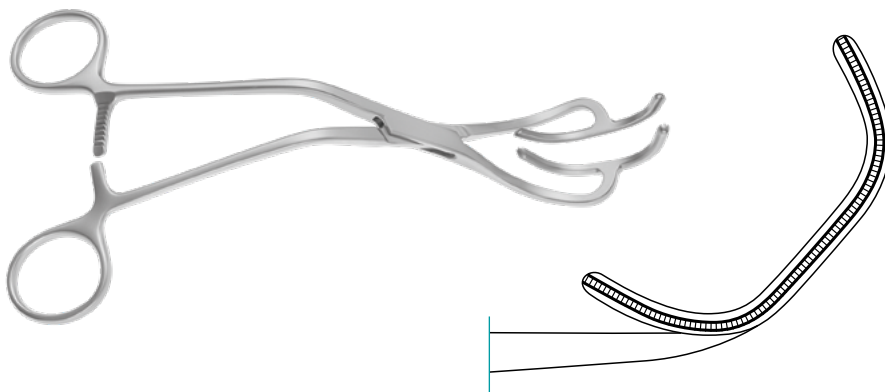
A	240mm, 9 ¹ / ₂ "	290-454-260
B	240mm, 9 ¹ / ₂ "	290-454-240
B	280mm, 11"	290-454-280





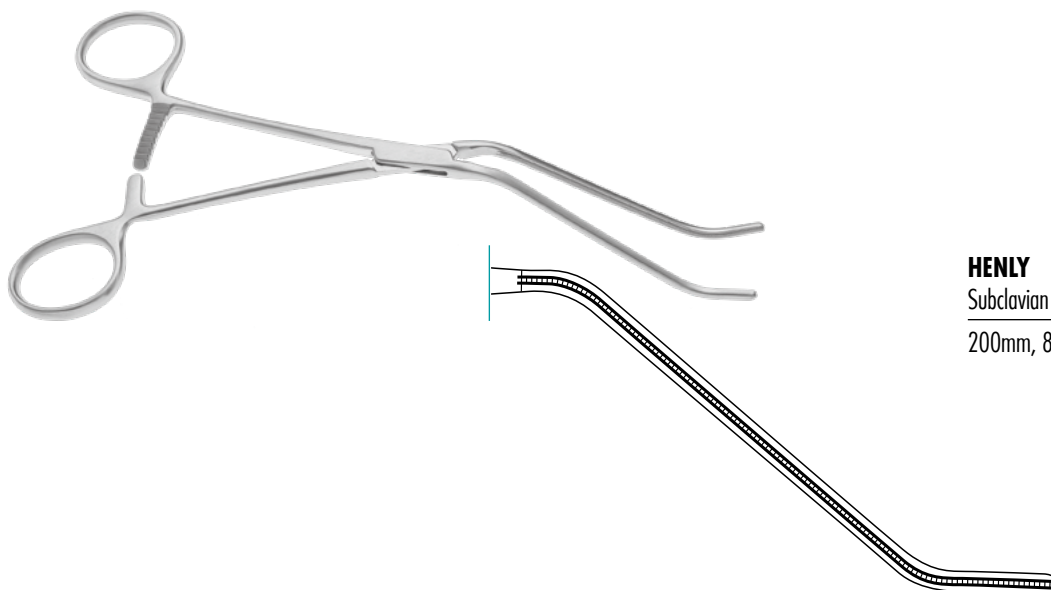
SUBRAMANIAN
Miniature Clamp

160mm, 6¹/₄" 290-559-150



STRONG
Aortic Clamps, 175mm, 6⁷/₈"

41x16mm jaw 290-175-410
45x23mm jaw 290-175-450

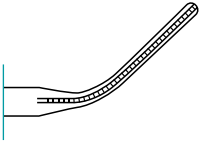


HENLY
Subclavian Artery Clamp

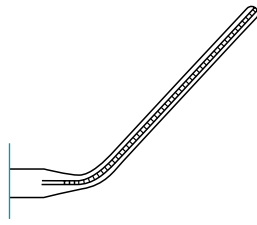
200mm, 8" 290-460-200



DEBAKEY EXTRA FINE
Pediatric Vessel Clamp



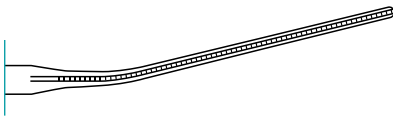
Angled shanks 45°
105mm, 4¹/₈" 290-599-001



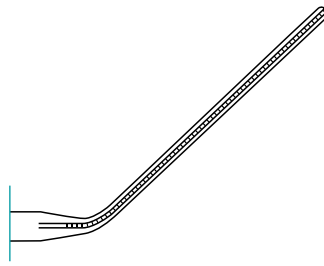
Angled shanks 45°
125mm, 5" 290-599-002



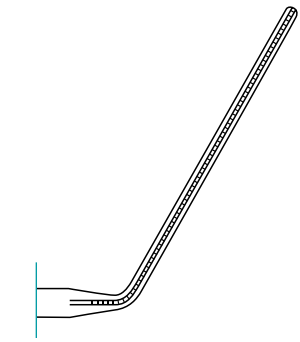
Straight shanks
140mm, 5¹/₂" 290-599-003



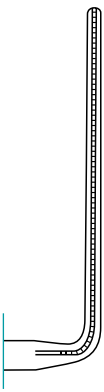
Curved shanks 15°
140mm, 5¹/₂" 290-599-004



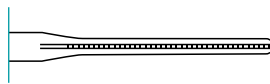
Curved shanks 45°
140mm, 5¹/₂" 290-599-005



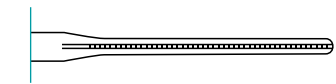
Angled shanks 90°
140mm, 5¹/₂" 290-599-006



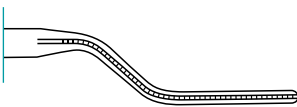
Angled shanks 90°
140mm, 5¹/₂" 290-599-007



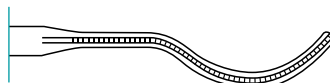
Straight shanks
155mm, 6¹/₈" 290-599-008



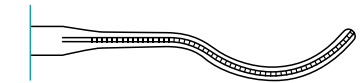
20° angled shanks
155mm, 6¹/₈" 290-599-009



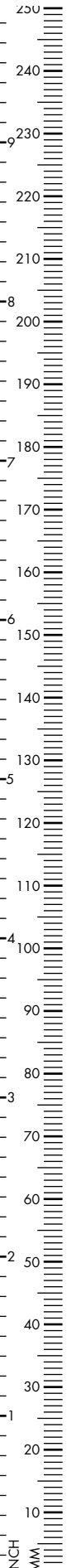
Curved shanks
150mm, 6" 290-599-010



Straight shanks
150mm, 6" 290-599-011

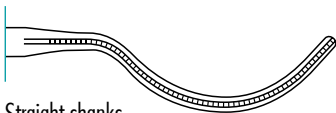


Angled shanks
145mm, 5³/₄" 290-599-012

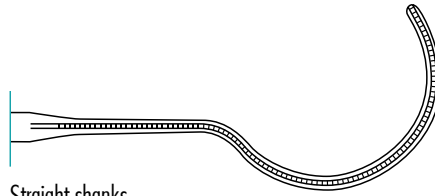




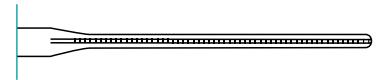
DEBAKEY EXTRA FINE
Pediatric Vessel Clamp



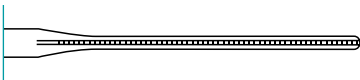
Straight shanks
155mm, 6¹/₈" 290-599-013



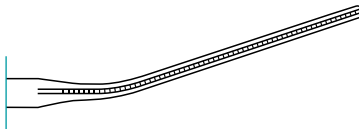
Straight shanks
170mm, 6³/₄" 290-599-014



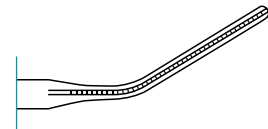
Straight shanks
165mm, 6¹/₂" 290-599-015



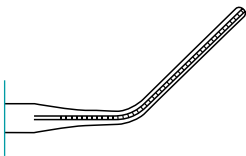
Angled shanks
165mm, 6¹/₂" 290-599-016



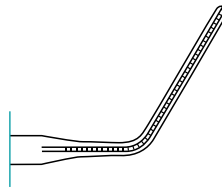
Straight shanks, 15°
155mm, 6¹/₈" 290-599-017



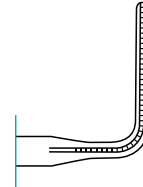
Straight shanks, 30°
145mm, 5³/₄" 290-599-018



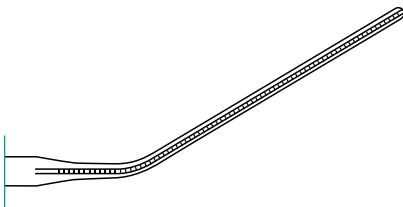
Straight shanks, 45°
145mm, 5³/₄" 290-599-019



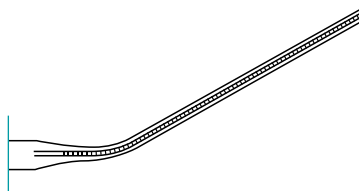
Straight shanks, 60°
145mm, 5³/₄" 290-599-020



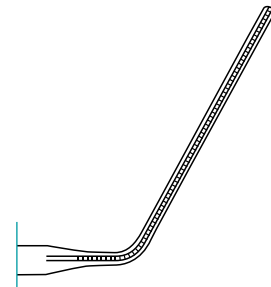
Straight shanks, 90°
140mm, 5¹/₂" 290-599-021



Curved shanks, 30°
160mm, 6¹/₄" 290-599-022



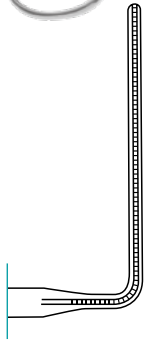
Curved shanks, 45°
160mm, 6¹/₄" 290-599-023



Curved shanks, 60°
145mm, 5³/₄" 290-599-024

DEBAKEY EXTRA FINE

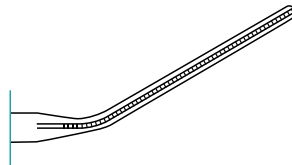
Pediatric Vessel Clamp



Curved shanks, 90°

130mm, 5¹/₈"

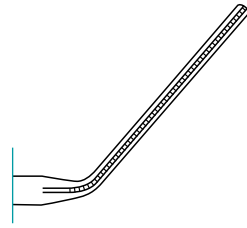
290-599-025



Straight shanks, 30°

120mm, 4³/₄"

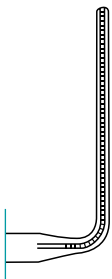
290-599-026



Straight shanks, 50°

120mm, 4³/₄"

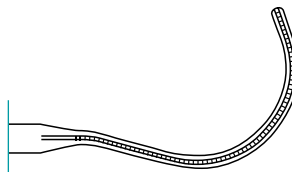
290-599-027



Straight shanks, 90°

105mm, 4¹/₈"

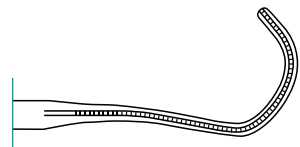
290-599-028



Curved shanks

120mm, 4³/₄"

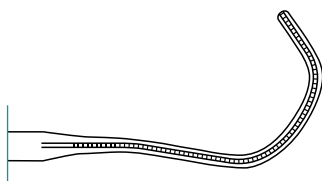
290-599-029



Curved shanks

145mm, 5³/₄"

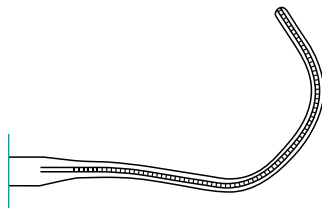
290-599-030



Curved shanks

145mm, 5³/₄"

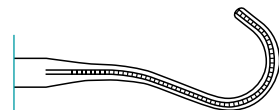
290-599-031



Curved shanks

160mm, 6¹/₄"

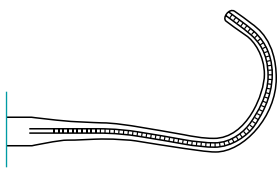
290-599-032



Angled shanks

115mm, 4¹/₂"

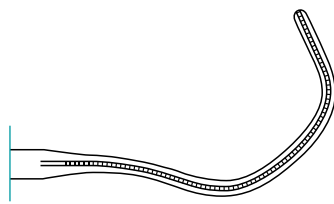
290-599-033



Angled shanks

115mm, 4¹/₂"

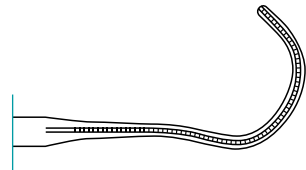
290-599-034



Angled shanks

150mm, 6"

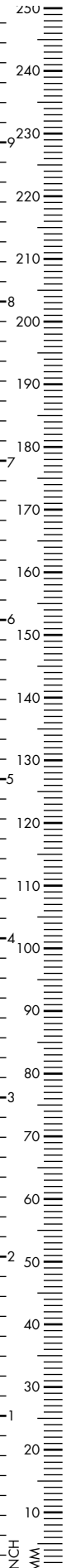
290-599-035



Curved shanks

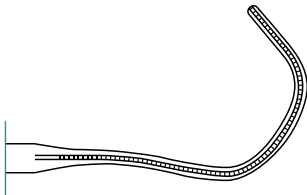
115mm, 4¹/₂"

290-599-036

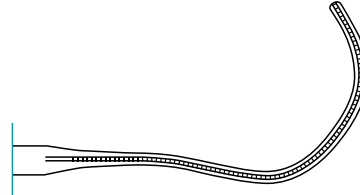




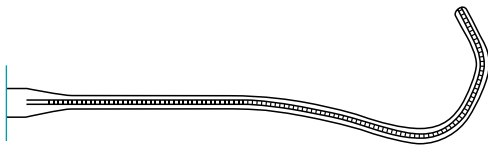
DEBAKEY EXTRA FINE
Pediatric Vessel Clamp



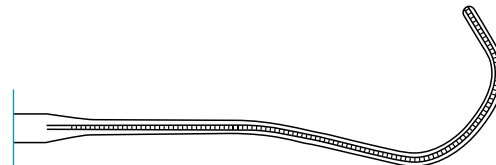
Curved shanks
150mm, 6" 290-599-037



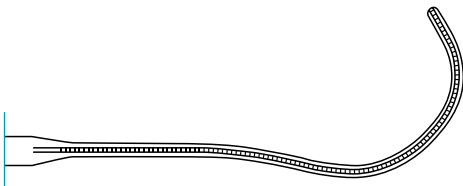
Curved shanks
160mm, 6¹/₄" 290-599-038



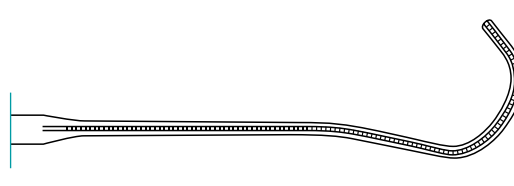
Curved shanks
180mm, 7" 290-599-039



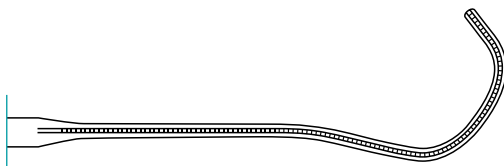
Curved shanks
180mm, 7" 290-599-040



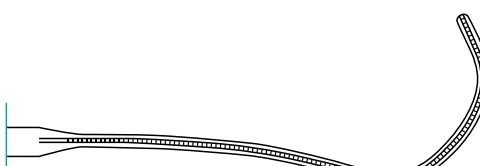
Curved shanks
180mm, 7" 290-599-041



Angled shanks
180mm, 7" 290-599-042



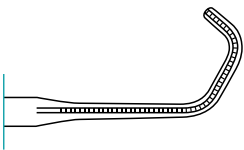
Angled shanks
180mm, 7" 290-599-043



Angled shanks
180mm, 7" 290-599-044



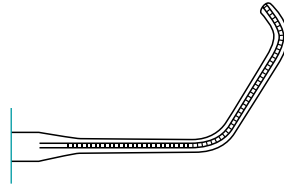
DEBAKEY EXTRA FINE
Pediatric Vessel Clamp



Curved shanks

115mm, 4^{1/2}"

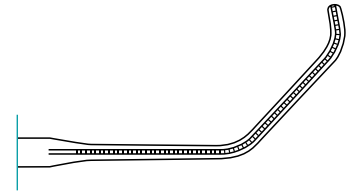
290-599-045



Angled shanks

120mm, 4^{3/4}"

290-599-046



Angled shanks

150mm, 6"

290-599-047



Curved shanks

170mm, 6^{2/3}"

290-599-048



Curved shanks

175mm, 6^{7/8}"

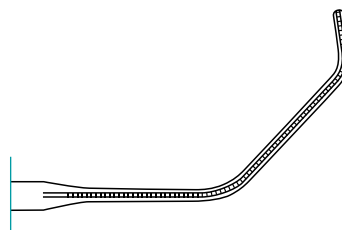
290-599-049



Curved shanks

180mm, 7"

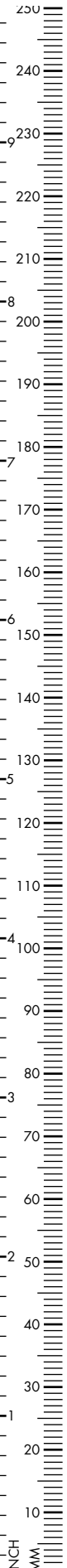
290-599-050



Curved shanks, carotid

150mm, 6"

290-599-051





DEBAKEY

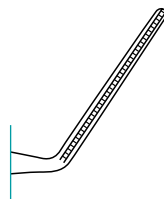
Premature Baby Vascular Clamp,
ultrafine

105mm, 4¹/₈"



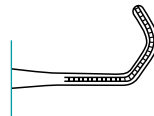
Shanks angled backwards

290-587-001



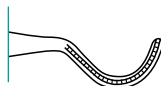
Angled shanks

290-587-002



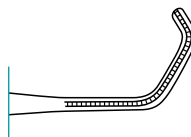
Shanks slightly angled backwards

290-587-003



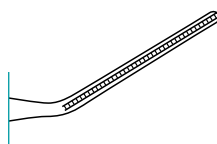
Straight shanks

290-587-004



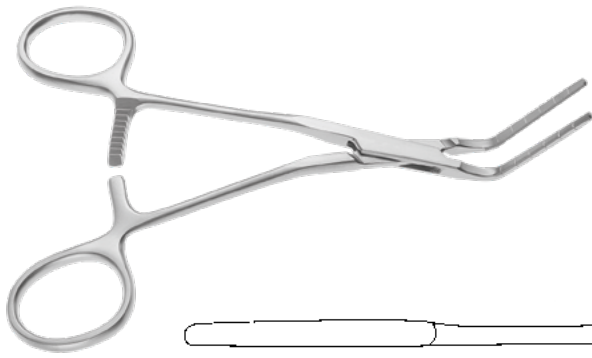
Shanks slightly curved backwards

290-587-005



Straight shanks

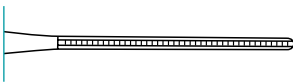
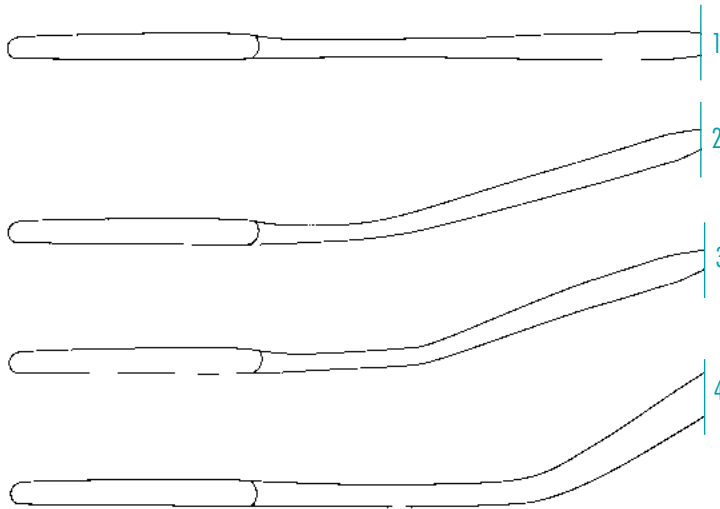
290-587-006



CASTANEDA

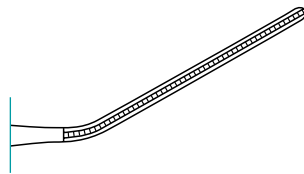
Castaneda Neonatal Clamp, fine
155mm, 6¹/₈"

- 1 Straight shanks
- 2 Slightly curved shanks
- 3 Slightly angled shanks
- 4 Strongly angled shanks



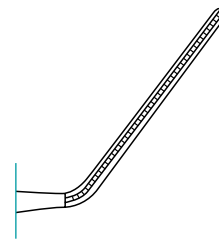
Straight jaw

1	290-594-001
2	290-598-001
3	290-596-001
4	290-597-001



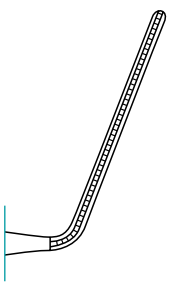
Angled jaw, 30°

1	290-594-002
2	290-598-002
3	290-596-002
4	290-597-002



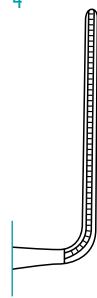
Angled jaw, 45°

1	290-594-003
2	290-598-003
3	290-596-003
4	290-597-003



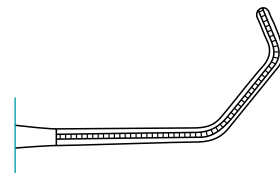
Angled jaw, 60°

1	290-594-004
2	290-598-004
3	290-596-004
4	290-597-004



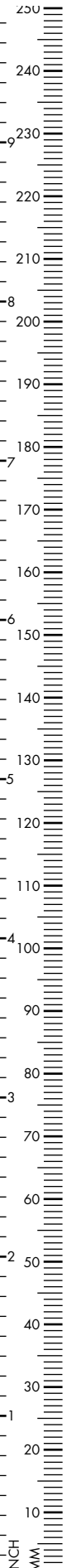
Angled jaw, 90°

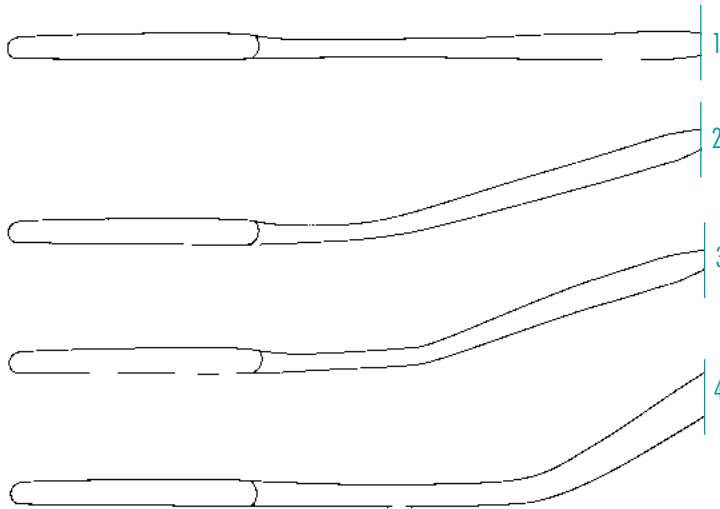
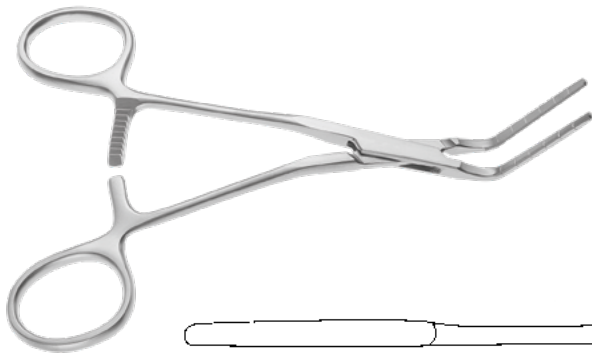
1	290-594-005
2	290-598-005
3	290-596-005
4	290-597-005



Angled jaw

1	290-594-006
2	290-598-006
3	290-596-006
4	290-597-006

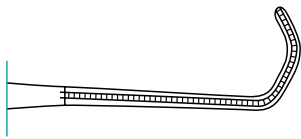




CASTANEDA

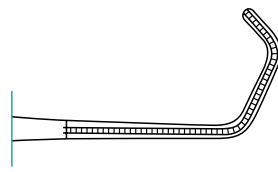
Castaneda Neonatal Clamp, fine
155mm, 6¹/₈"

- 1 Straight shanks
- 2 Slightly curved shanks
- 3 Slightly angled shanks
- 4 Strongly angled shanks



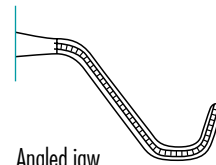
Angled jaw

1	290-594-007
2	290-598-007
3	290-596-007
4	290-597-007



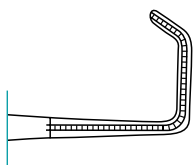
Angled jaw

1	290-594-008
2	290-598-008
3	290-596-008
4	290-597-008



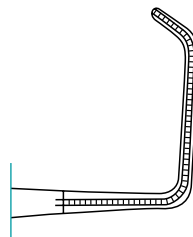
Angled jaw

1	290-594-009
2	290-598-009
3	290-596-009



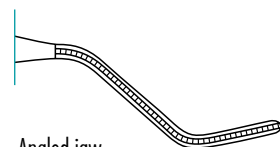
Angled jaw

1	290-594-010
2	290-598-010
3	290-596-010



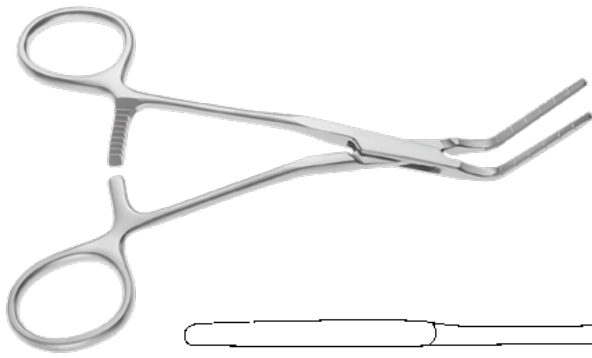
Angled jaw

1	290-594-011
2	290-598-011
3	290-596-011



Angled jaw

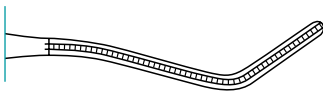
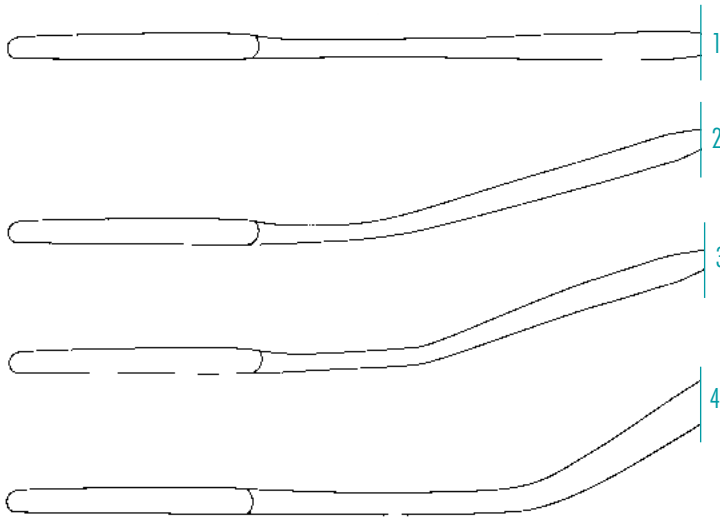
1	290-594-012
2	290-598-012
3	290-596-012
4	290-597-012



CASTANEDA

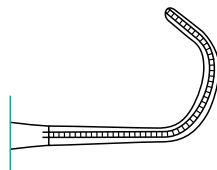
Castaneda Neonatal Clamp, fine
110mm, 6¹/₈"

- 1 Straight shanks
- 2 Slightly curved shanks
- 3 Slightly angled shanks
- 4 Strongly angled shanks



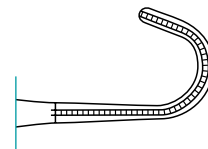
Angled jaw

1	290-594-013
2	290-598-013
3	290-596-013



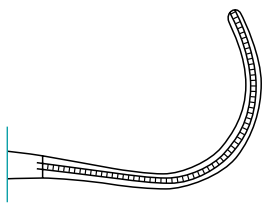
Curved jaw

1	290-594-014
2	290-598-014
3	290-596-014



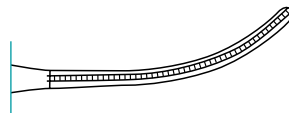
Curved jaw

1	290-594-015
2	290-598-015
3	290-596-015



Curved jaw

1	290-594-016
2	290-598-016



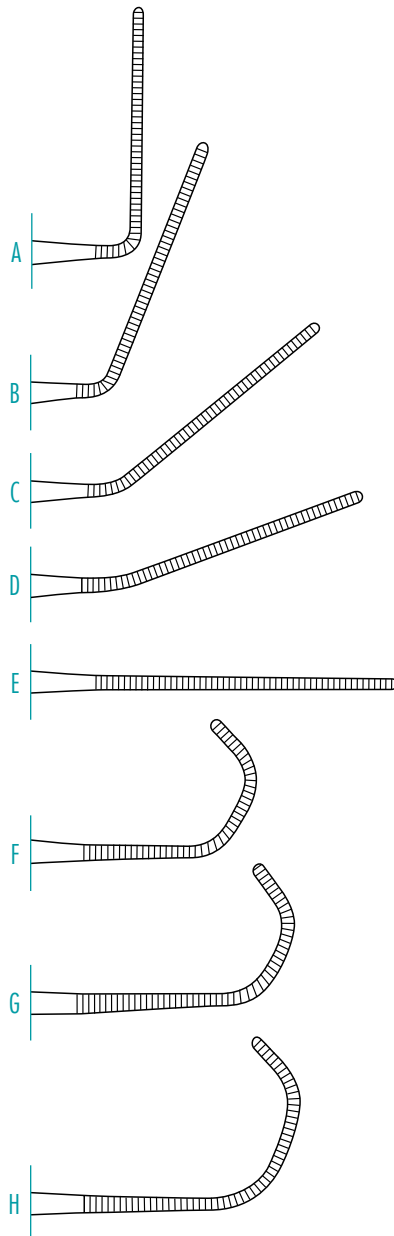
Curved jaw

1	290-594-017
2	290-598-017
3	290-596-017



Curved jaw

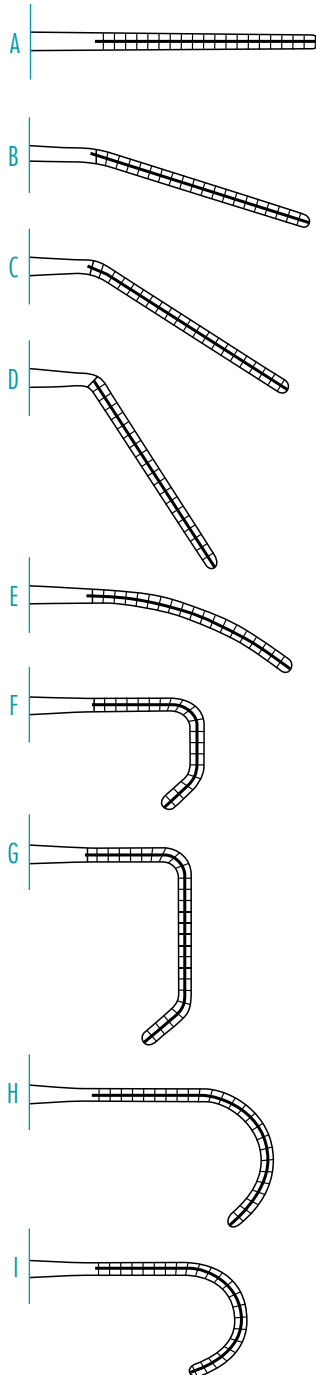
1	290-594-018
2	290-598-018



CASTANEDA

Neonatal Clamp, extra delicate, graduated, shanks curved backwards

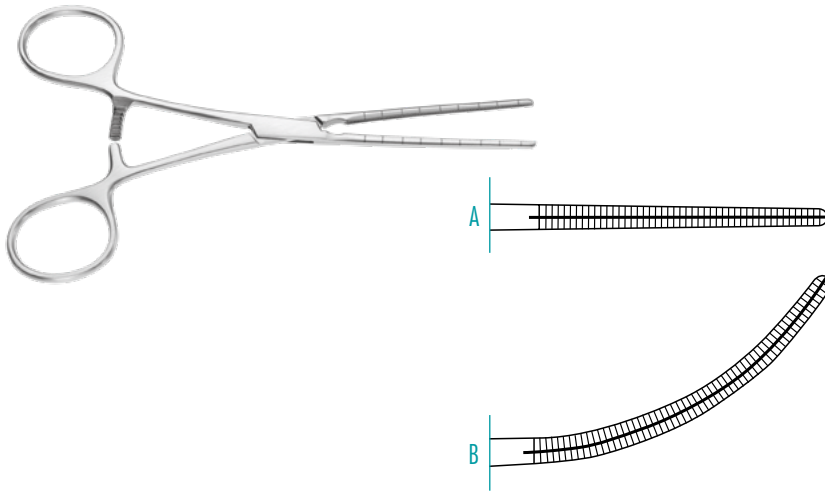
A	130mm, 5 ¹ / ₈ "	290-593-003
B	130mm, 5 ¹ / ₈ "	290-593-002
C	130mm, 5 ¹ / ₈ "	290-593-001
D	130mm, 5 ¹ / ₈ "	290-593-000
E	130mm, 5 ¹ / ₈ "	290-593-004
F	150mm, 6"	290-595-001
G	150mm, 6"	290-595-002
H	150mm, 6"	290-595-003



BABY COOLEY

Pediatric Clamp, shanks curved backwards
140mm, 5¹/₂"

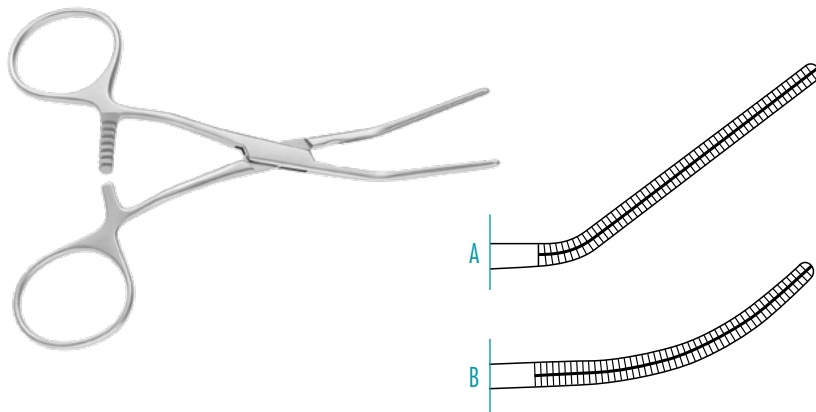
A straight	290-573-001
B angled 15°	290-573-002
C angled 45°	290-573-003
D angled 60°	290-573-004
125mm, 5"	
E curved	290-573-005
130mm, 5 ¹ / ₈ "	
F angled	290-573-006
140mm, 5 ¹ / ₂ "	
G angled	290-573-007
H curved	290-573-008
I curved	290-573-009



COOLEY

Atrauma Clamp, straight shanks

A	140mm, 5 ¹ / ₂ "	290-465-000
B	120mm, 4 ³ / ₄ "	290-465-002



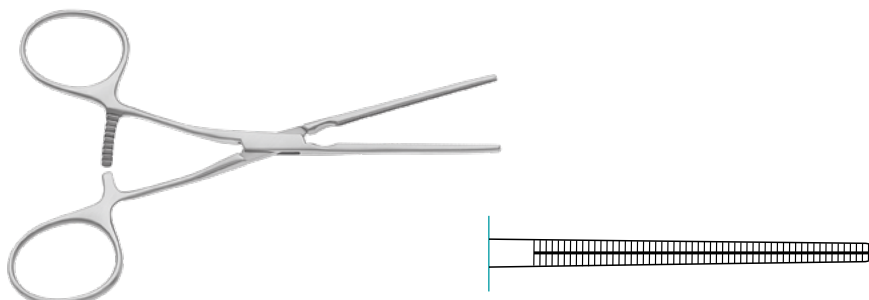
curved shanks

A	125mm, 5"	290-465-004
B	120mm, 4 ³ / ₄ "	290-465-003



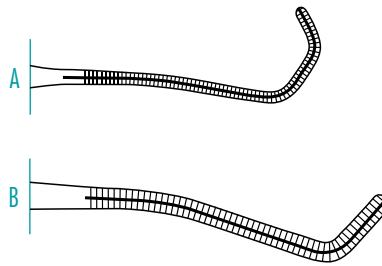
straight shanks

100mm, 4"	290-465-007
-----------	-------------



angled shanks

125mm, 5"	290-465-001
-----------	-------------

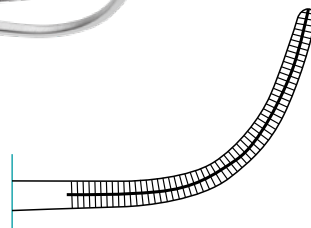
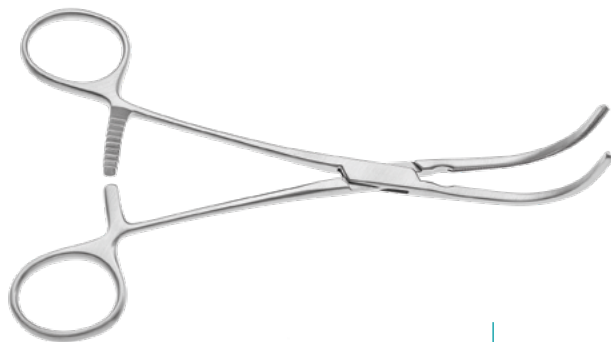


COOLEY

Atrauma Clamp, s-angled

A 120mm, 4³/₄" 290-465-008

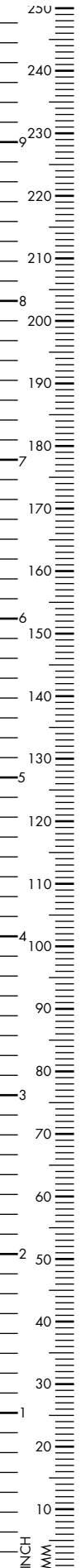
B 120mm, 4³/₄" 290-465-005

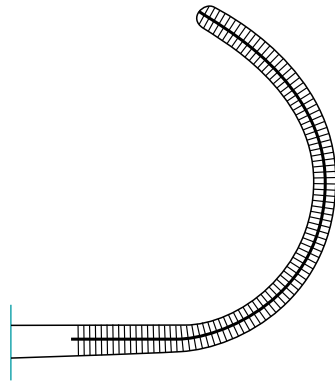


COOLEY

Vascular Clamp

160mm, 6¹/₄" 290-469-160



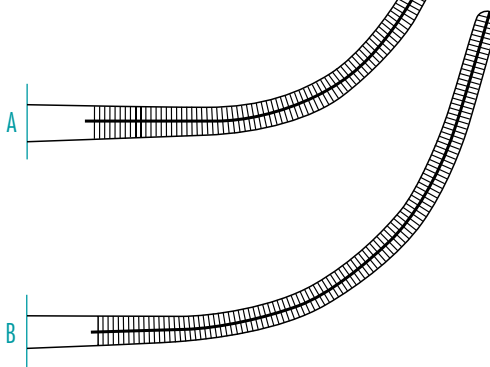
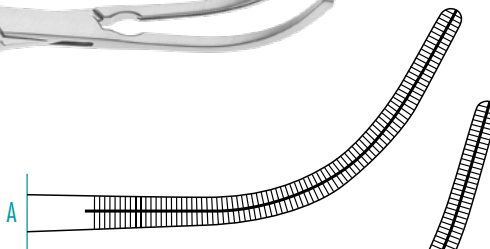
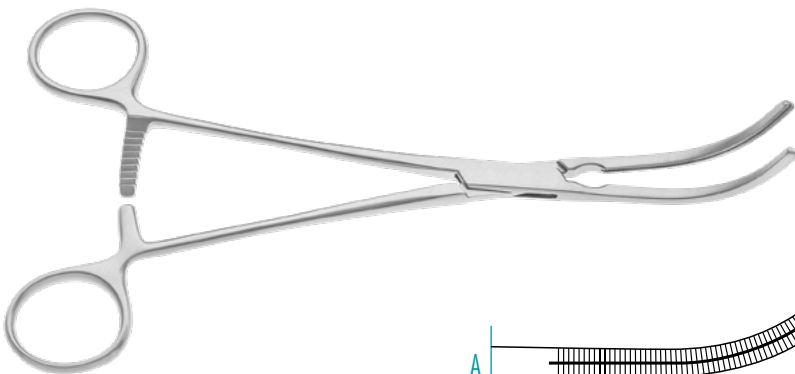


COOLEY

Multi-Purpose Clamp

200mm, 8"

290-480-200



COOLEY

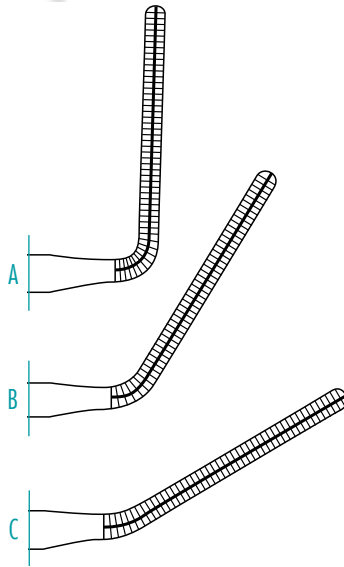
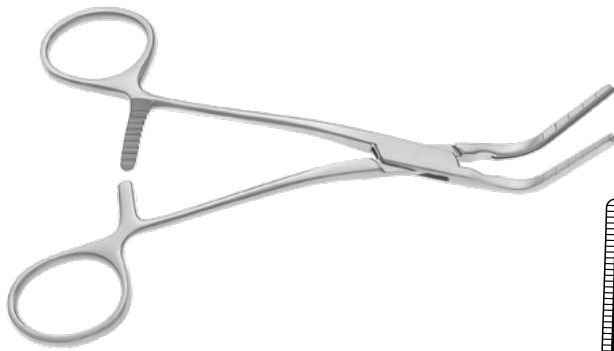
Multi-Purpose Clamp

A 215mm, 8¹/₂"

290-471-215

B 245mm, 9²/₃"

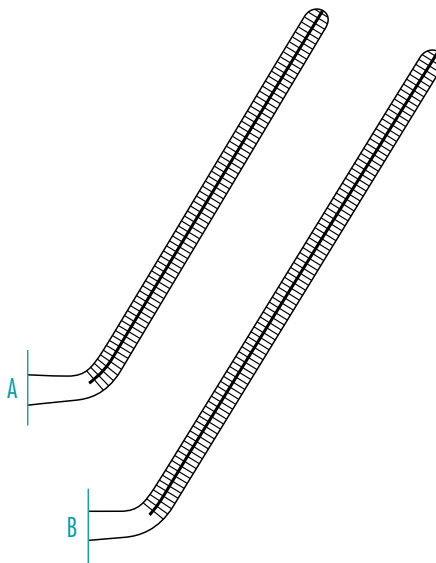
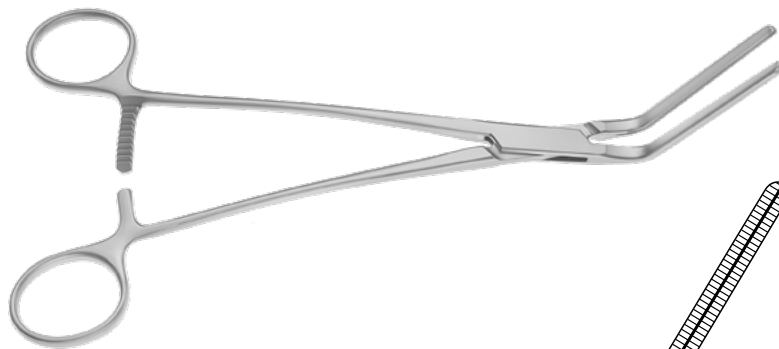
290-471-245



COOLEY

Multi Purpose Forceps

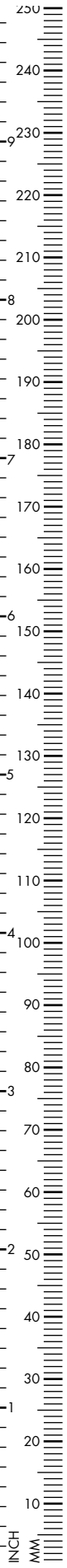
A	150mm, 6"	290-472-150
B	160mm, 6 ¹ / ₄ "	290-472-155
C	170mm, 6 ² / ₃ "	290-472-160



COOLEY

Multi-Purpose Clamp

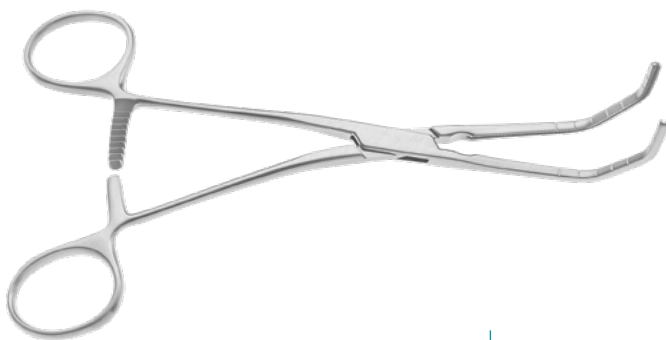
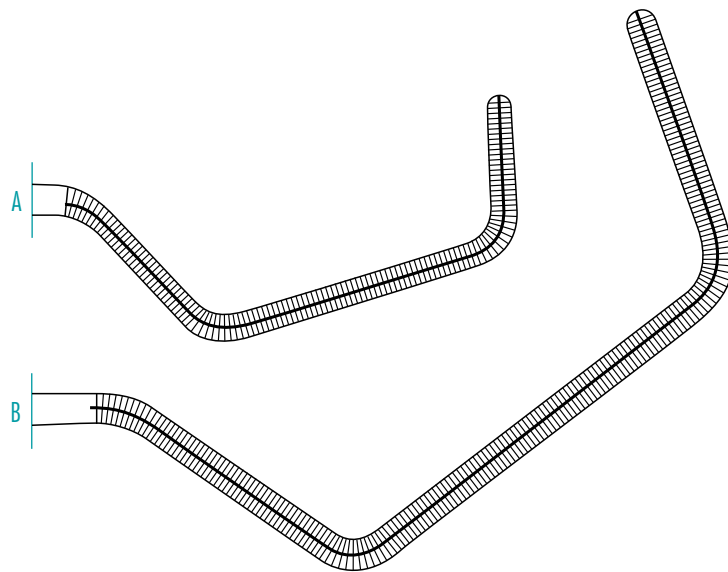
A	205mm, 8 ¹ / ₈ "	290-509-200
B	240mm, 9 ¹ / ₂ "	290-509-240





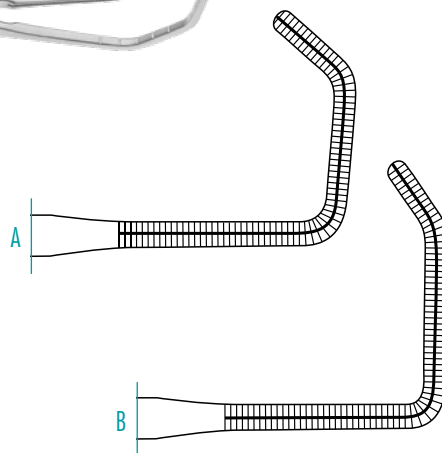
COOLEY PARRY
Anastomosis Clamp,
shanks angled backwards

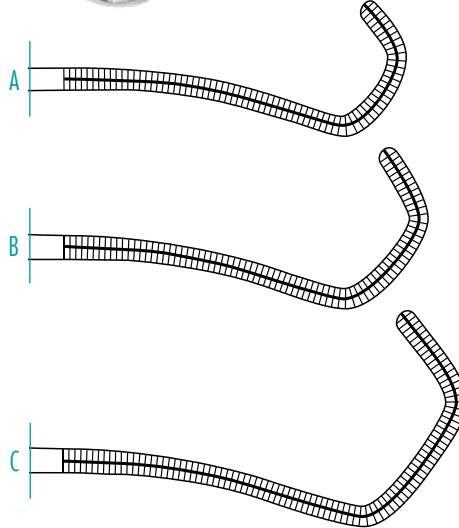
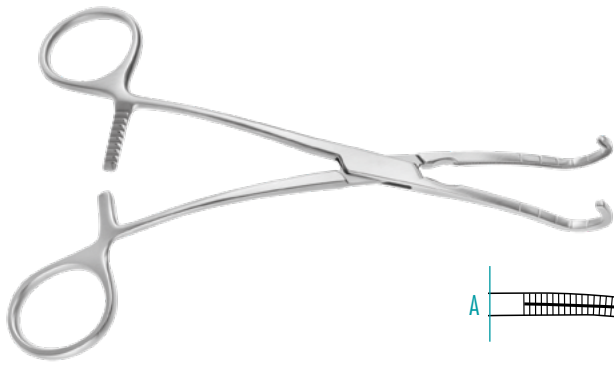
A	180mm, 7"	290-481-001
B	235mm, 9 ¹ / ₄ "	290-481-002



COOLEY
Anastomosis Clamp

A	175mm, 6 ⁷ / ₈ "	290-721-165
B	175mm, 6 ⁷ / ₈ "	290-722-165

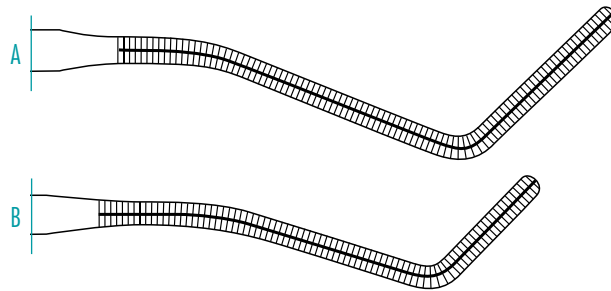
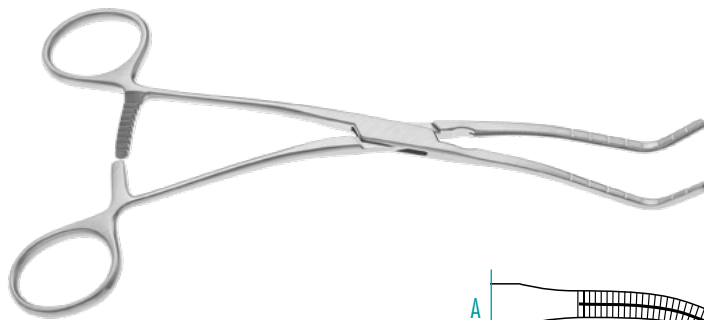




COOLEY DERRA

Anastomosis Clamp

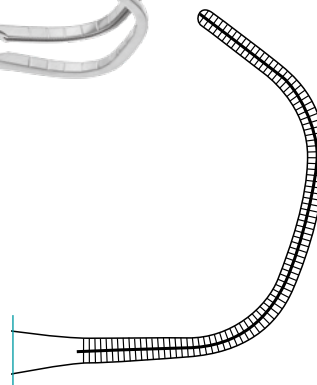
A	160mm, 6 ¹ / ₄ "	290-478-160
B	170mm, 6 ² / ₃ "	290-478-170
C	180mm, 7"	290-478-180



COOLEY

Carotis Clamp

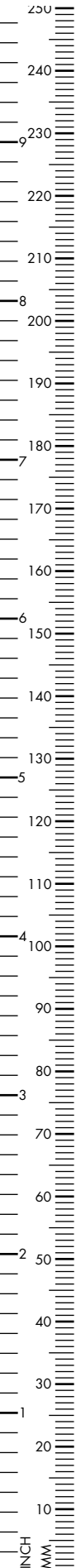
A	195mm, 7 ³ / ₄ "	290-469-200
B	185mm, 7 ¹ / ₄ "	290-469-185

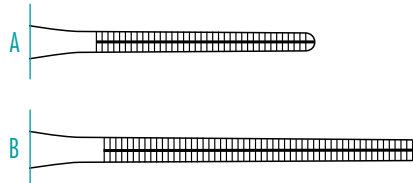


COOLEY LEITZ

Anastomosis Clamp

	195mm, 7 ³ / ₄ "	290-508-190
--	--	-------------

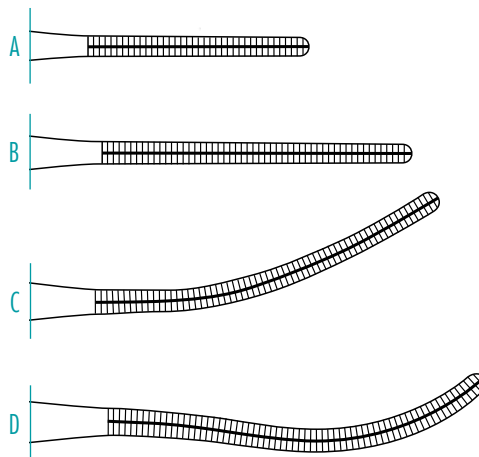
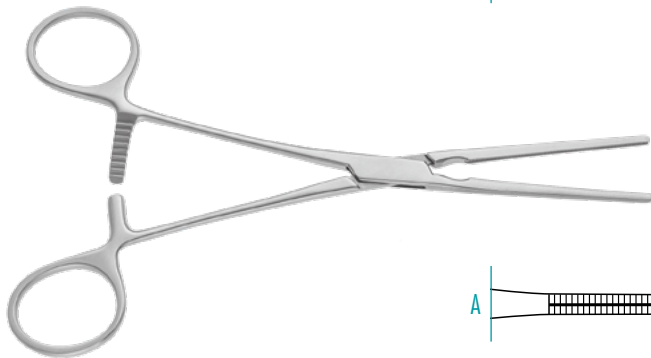




COOLEY

Patent-Ductus Forceps, shanks angled

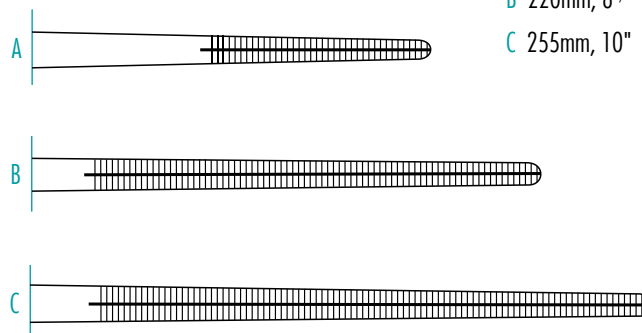
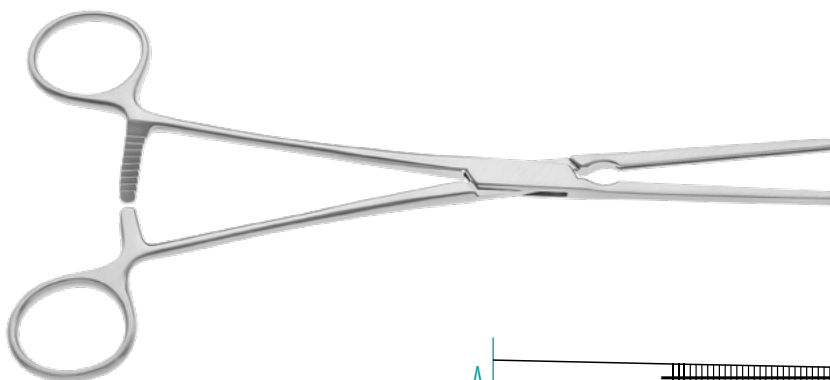
A	160mm, 6 ¹ / ₄ "	290-473-160
B	170mm, 6 ² / ₃ "	290-473-170



COOLEY

Patent-Ductus Forceps, straight

A	160mm, 6 ¹ / ₄ "	290-468-160
B	170mm, 6 ² / ₃ "	290-468-170
C	170mm, 6 ² / ₃ "	290-474-170
D	170mm, 6 ² / ₃ "	290-476-170



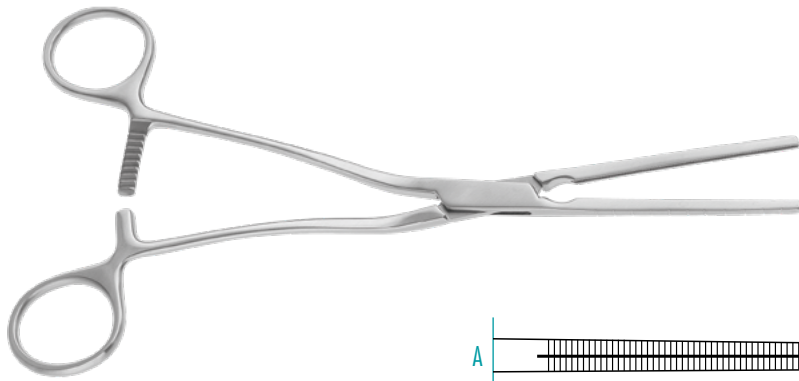
COOLEY

Patent Ductus Clamp,
straight shanks

A	210mm, 8 ¹ / ₄ "	290-450-210
B	220mm, 8 ² / ₃ "	290-450-220
C	260mm, 10 ¹ / ₄ "	290-450-260

angled shanks

A	205mm, 8 ¹ / ₈ "	290-452-200
B	220mm, 8 ² / ₃ "	290-452-220
C	255mm, 10"	290-452-250

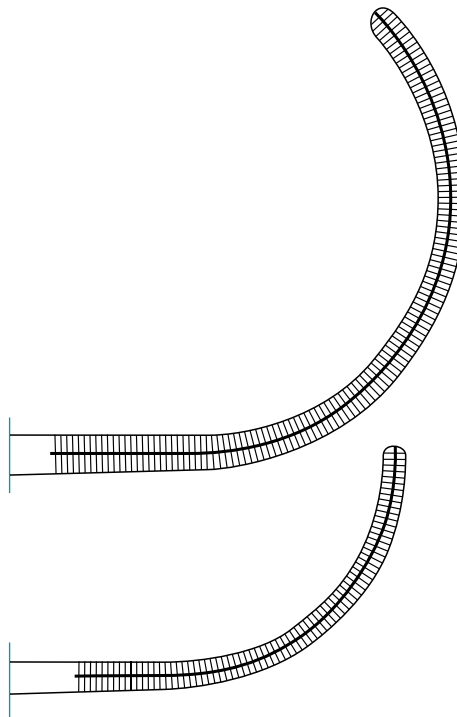


COOLEY

Iliac Clamp, straight,
shanks strongly angled

A 210mm, 8¹/₄" 290-467-210

B 250mm, 9⁷/₈" 290-467-255



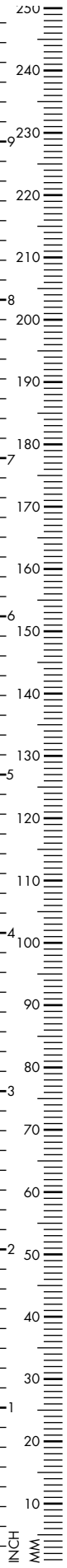
COOLEY

Iliac Clamp, wide curved,
shanks curved backwards

275mm, 10⁷/₈" 290-512-270

shanks curved backwards

240mm, 9¹/₂" 290-519-240



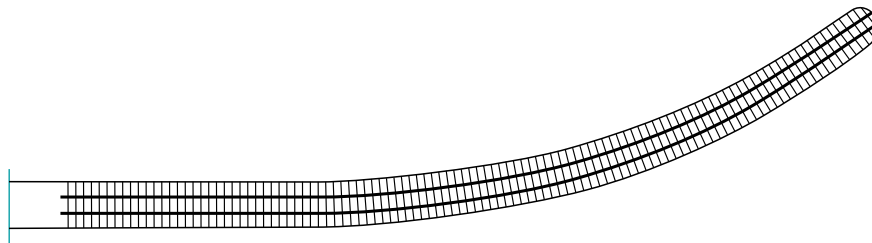


COOLEY

Aortic Clamp, 3x3teeth,
shanks s-curved

310mm, 12¹/₄"

290-512-315



COOLEY

Aortic Clamp, curved, 3x3 teeth

A 335mm, 13"

290-515-330

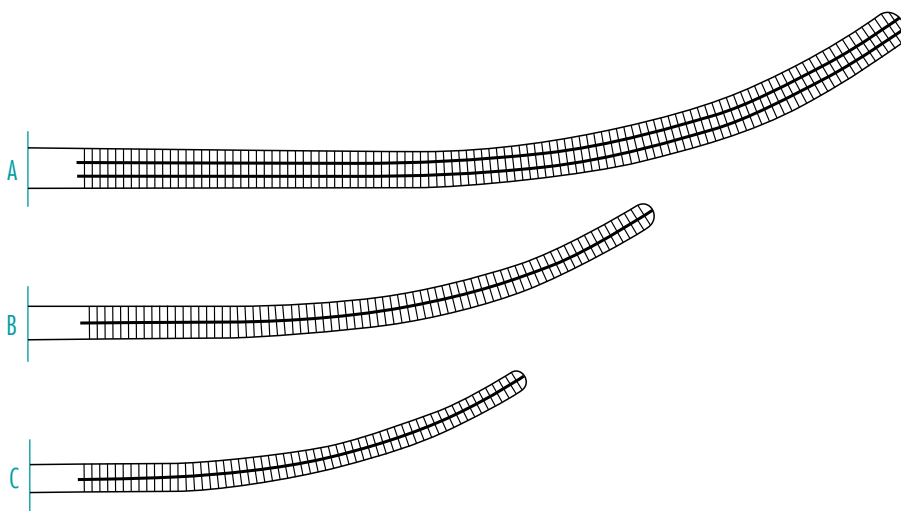
2x2 teeth

B 265mm, 10¹/₂"

290-514-260

C 190mm, 7¹/₂"

290-514-190

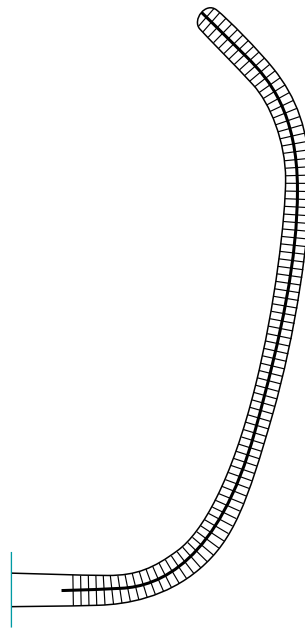




COOLEY

Aortic Clamp

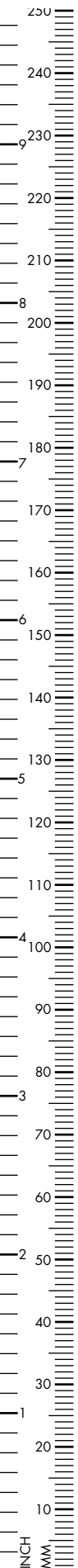
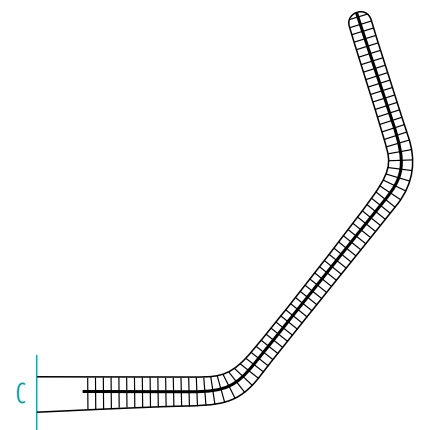
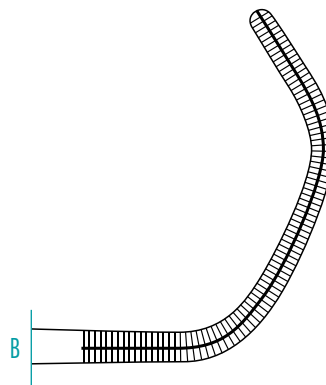
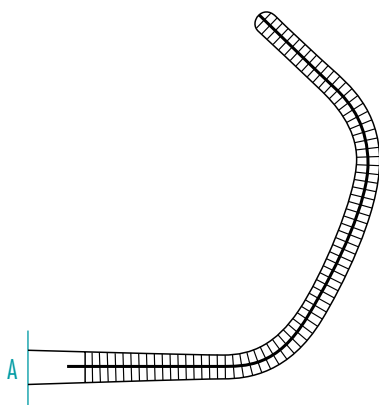
225mm, 8 ⁷ / ₈ "	290-516-220
260mm, 10 ¹ / ₄ "	290-516-260
270mm, 10 ² / ₃ "	290-516-270

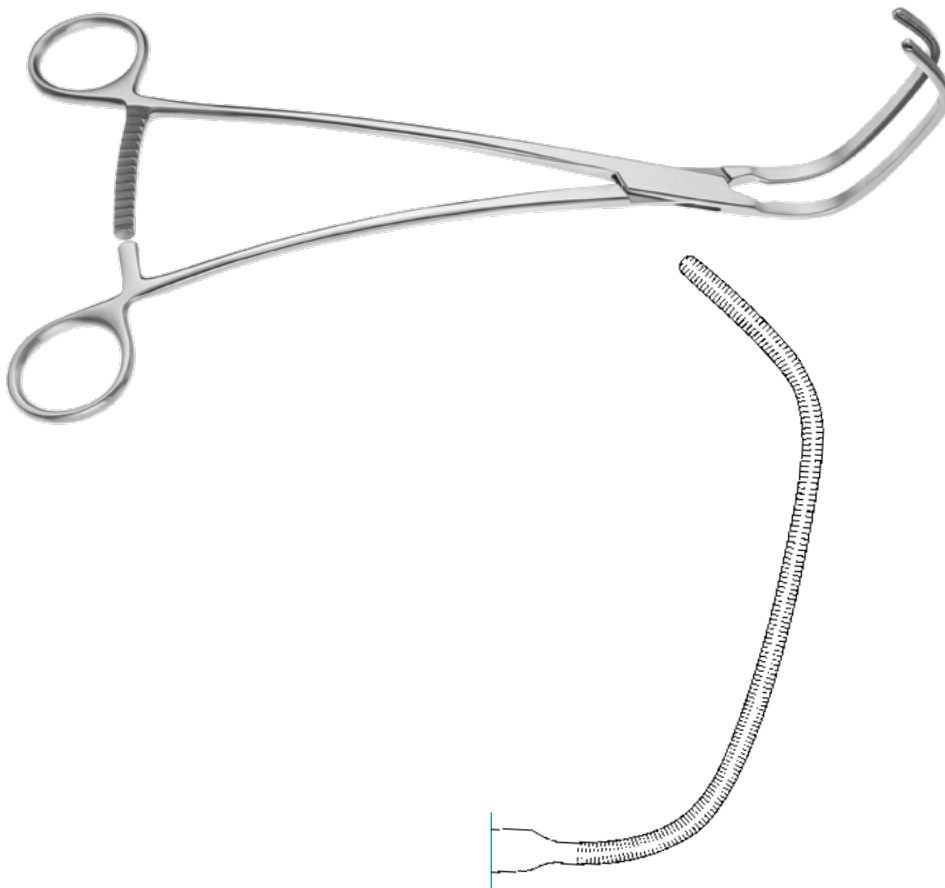


COOLEY

Aortic Clamp,
shanks strongly curved backwards

A 200mm, 8"	290-517-200
B 210mm, 8 ¹ / ₄ "	290-517-210
C 255mm, 10"	290-517-250



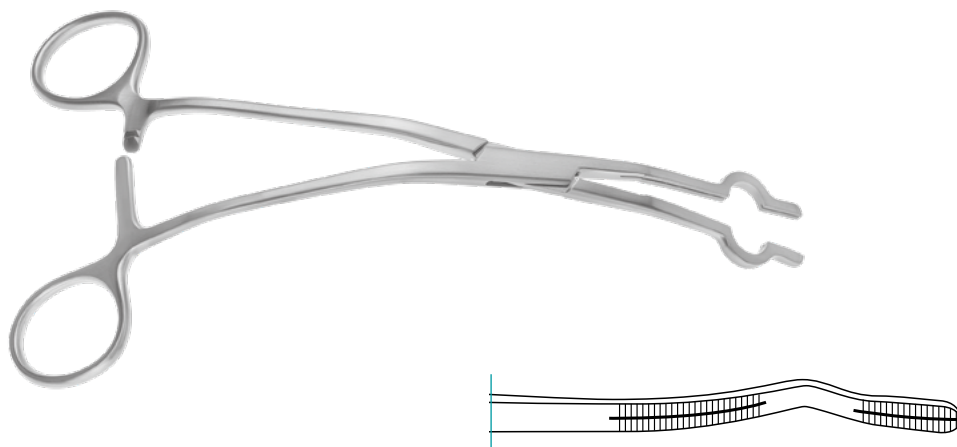


COOLEY

Aortic Clamp, double curved,
shanks curved backwards

270mm, 10²/₃"

290-518-270



COOLEY

Vena Cava Occlusion Clamp, 170mm, 6²/₃"

20 Charr.

290-350-010

24 Charr.

290-350-001

26 Charr.

290-350-002

28 Charr.

290-350-003

30 Charr.

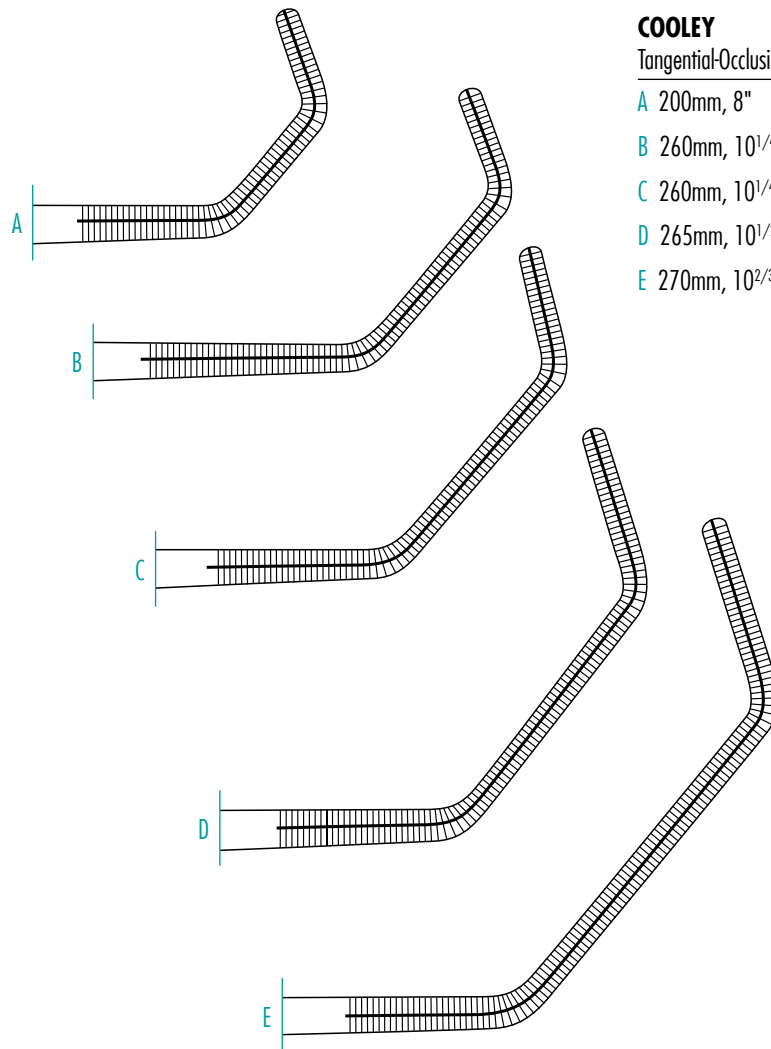
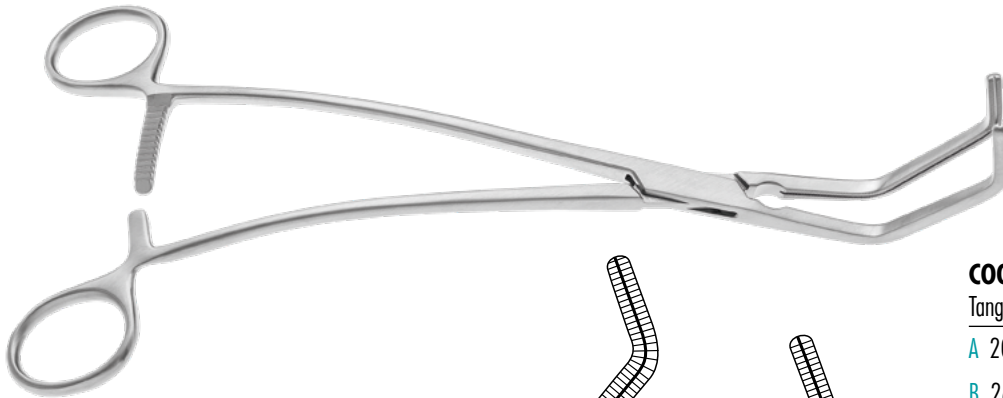
290-350-004

32 Charr.

290-350-005

36 Charr.

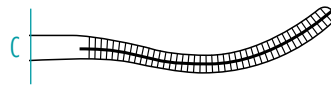
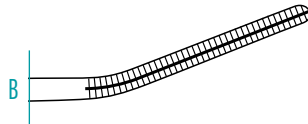
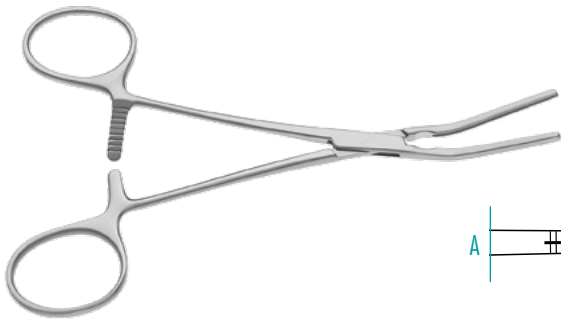
290-350-007



COOLEY

Tangential-Occlusion Clamp

A	200mm, 8"	290-521-200
B	260mm, 10 ^{1/4} "	290-521-250
C	260mm, 10 ^{1/4} "	290-521-260
D	265mm, 10 ^{1/2} "	290-521-265
E	270mm, 10 ^{2/3} "	290-521-270



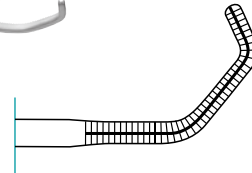
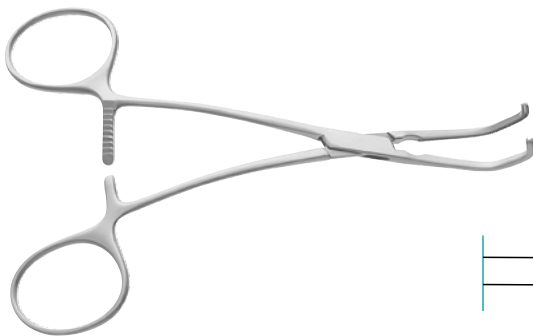
COOLEY

Pediatric Clamp, 140mm, 5¹/₂"

A	290-466-001
B	290-466-002
C	290-466-005

shanks angled

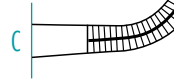
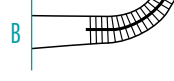
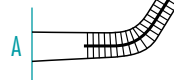
290-466-003



COOLEY

Pediatric Clamp
shanks curved backwards

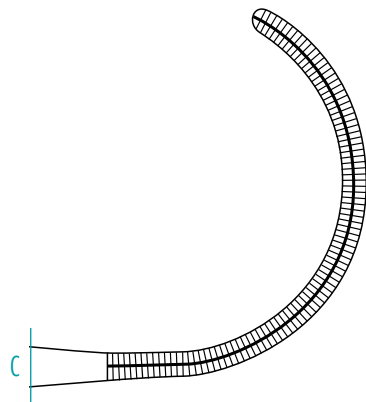
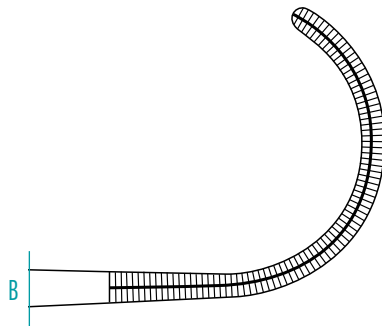
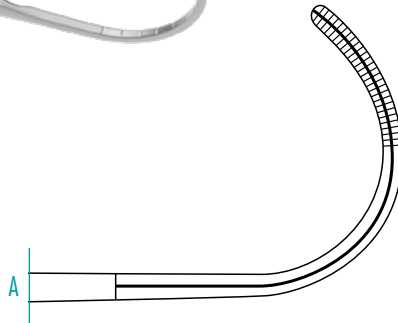
140mm, 5 ¹ / ₂ "	290-466-004
--	-------------



COOLEY

Pediatric Clamp

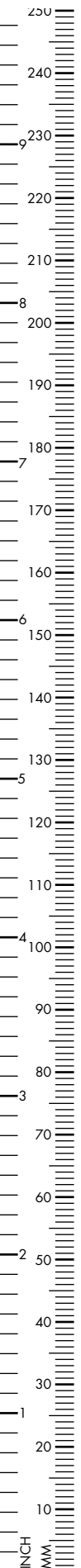
A 165mm, 6 ¹ / ₂ "	290-468-001
B 175mm, 6 ⁷ / ₈ "	290-468-002
C 185mm, 7 ¹ / ₄ "	290-468-003



COOLEY

Cardiovascular Forceps, shanks backwards

A	170mm, 6 ² / ₃ "	290-477-150
B	160mm, 6 ¹ / ₄ "	290-477-160
C	170mm, 6 ² / ₃ "	290-477-170



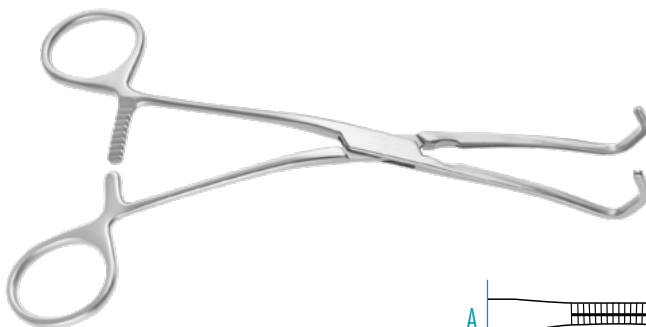
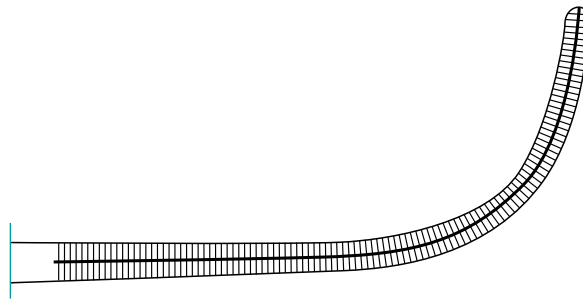


COOLEY

Cardiovascular Clamp,
shanks curved backwards

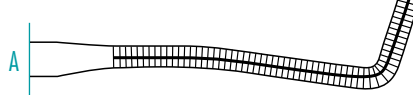
270mm, 10²/₃"

290-513-270



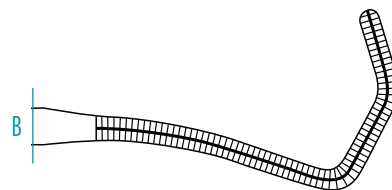
COOLEY

Cardiovascular Clamp
shanks curved backwards



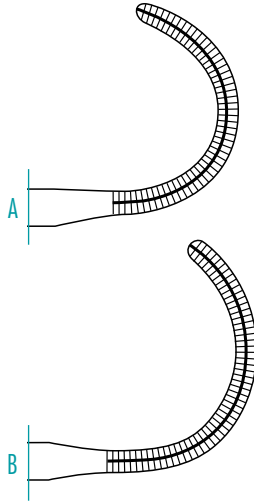
A 170mm, 6²/₃"

290-470-170



B 170mm, 6²/₃"

290-471-160



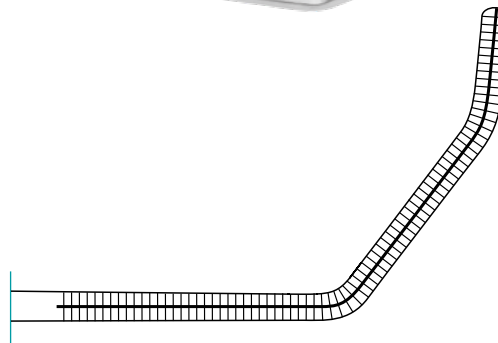
COOLEY BECK

Vessel Clamp, 150mm, 6"
narrow curved

A 290-478-150

wide curved

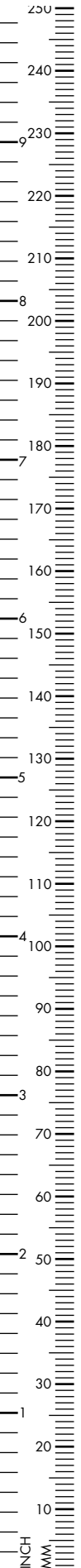
B 290-478-155



COOLEY

Auricular Appendage Clamp, s-angled,
shanks curved backwards

250mm, 9⁷/₈" 290-513-240





FOGARTY

Aortic Insert Clamp

33mm, 170mm, 6 ² / ₃ "	290-487-170
---	-------------

61mm, 290mm, 11 ¹ / ₂ "	290-487-290
--	-------------

86mm, 300mm, 11 ⁷ / ₈ "	290-487-300
--	-------------



FOGARTY

Aortic Insert Clamp, 60° curved

33mm, 160mm, 6 ¹ / ₄ "	290-488-160
---	-------------

61mm, 260mm, 10 ¹ / ₄ "	290-488-260
--	-------------



FOGARTY

Aortic Insert Clamp, curved

33mm, 170mm, 6 ² / ₃ "	290-489-170
---	-------------

61mm, 260mm, 10 ¹ / ₄ "	290-489-260
--	-------------

86mm, 290mm, 11 ¹ / ₂ "	290-489-290
--	-------------

INSERTS FOR FOGARTY CLAMPS

1 pack = 2x10 pair



Hydrajaw inserts

for delicate and fragile vessels, resterilizable

33mm	290-480-133
61mm	290-480-161
86mm	290-480-186

Softjaw inserts

for damaged vessels, single use

33mm	290-480-233
61mm	290-480-261
86mm	290-480-286

Safejaw and hydrajaw insert, single use

33mm	290-480-333
61mm	290-480-361
86mm	290-480-386

Safejaw and softjaw inserts, single use

33mm	290-480-433
61mm	290-480-461
86mm	290-480-486

Hydrajaw and tractionjaw inserts, resterilizable

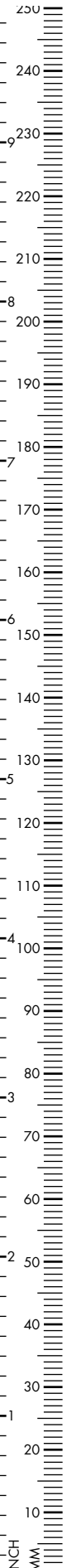
33mm	290-480-533
61mm	290-480-561
86mm	290-480-586

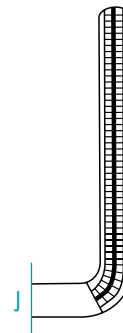
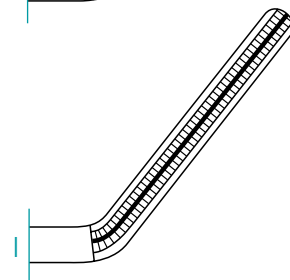
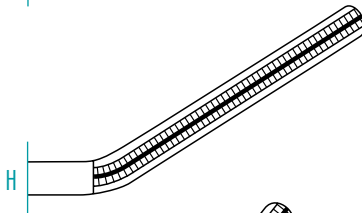
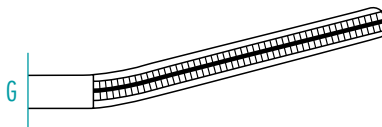
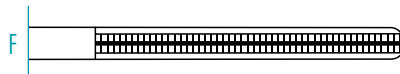
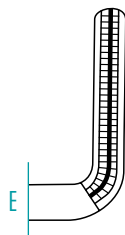
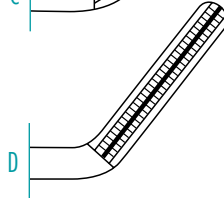
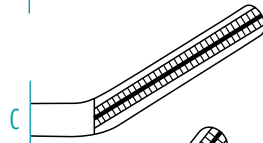
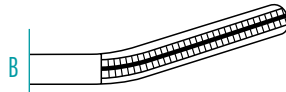
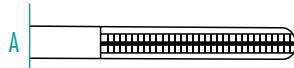
Two safejaw inserts, single use

33mm	290-480-633
61mm	290-480-661
86mm	290-480-686

Softjaw and tractionjaw inserts, single use

33mm	290-480-733
61mm	290-480-761
86mm	290-480-786





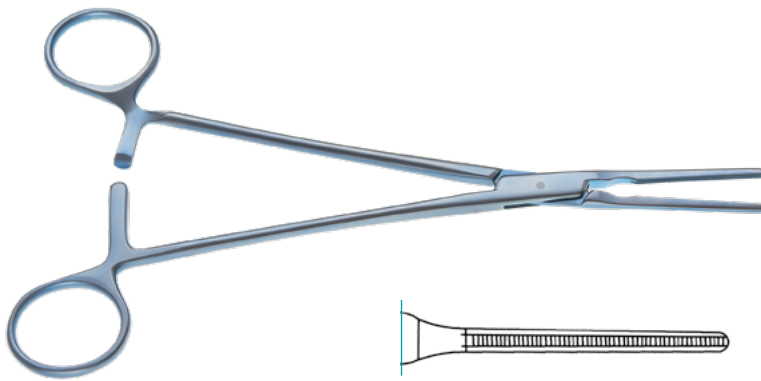
DARDIK

Multi-Purpose Clamp, 38mm

A	130mm, 5 ¹ / ₈ "	290-336-000
B	145mm, 5 ³ / ₄ "	290-336-015
C	150mm, 6"	290-336-030
D	150mm, 6"	290-336-045
E	150mm, 6"	290-336-090

58mm

F	135mm, 5 ¹ / ₃ "	290-338-000
G	160mm, 6 ¹ / ₄ "	290-338-015
H	170mm, 6 ² / ₃ "	290-338-030
I	170mm, 6 ² / ₃ "	290-338-045
J	170mm, 6 ² / ₃ "	290-338-090



GLOVER

Patent Ductus Coarctation Vascular Clamp
straight shanks

200mm, 8" 290-700-200

angled shanks

200mm, 8" 290-701-200



straight shanks

200mm, 8" 290-700-201

angled shanks

200mm, 8" 290-701-201



straight shanks

210mm, 8^{1/4}" 290-700-210

angled shanks

210mm, 8^{1/4}" 290-701-210

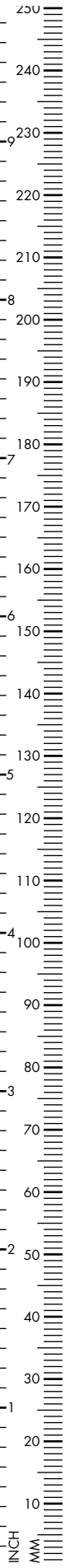


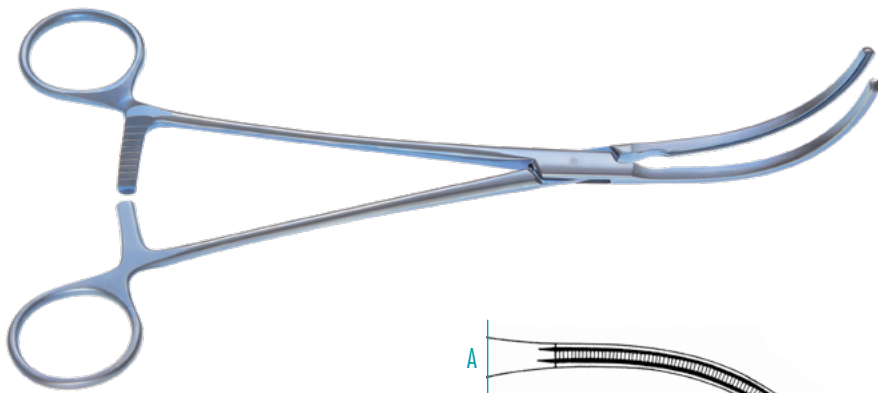
straight shanks

220mm, 8^{2/3}" 290-700-220

angled shanks

220mm, 8^{2/3}" 290-701-220

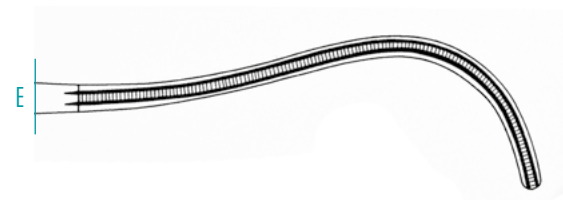
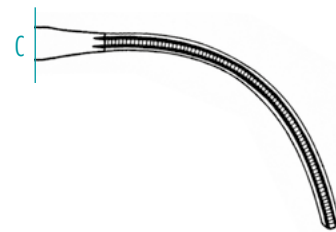
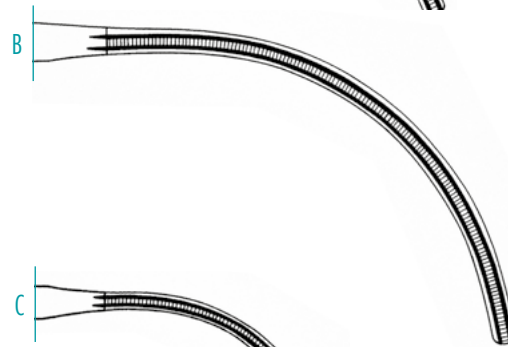
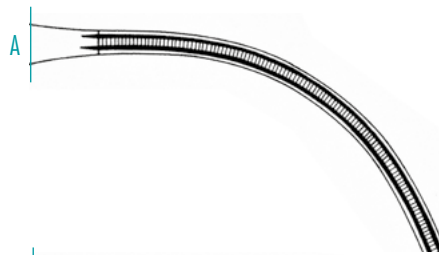


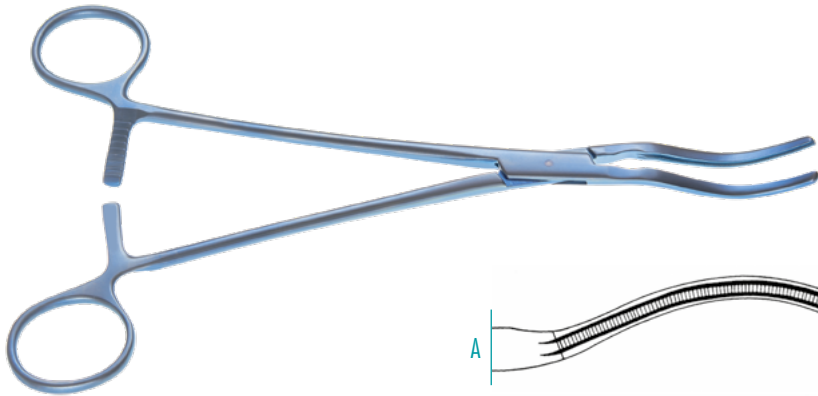
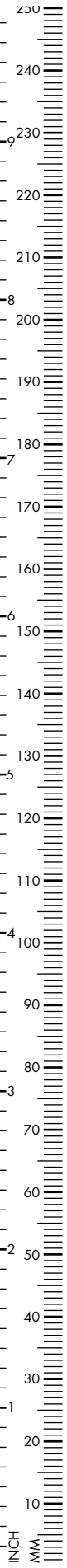


GLOVER

Vascular Clamp

A	210mm, 8 ¹ / ₄ "	290-719-210
B	240mm, 9 ¹ / ₂ "	290-719-240
C	150mm, 6"	290-719-150
D	210mm, 8 ¹ / ₄ "	290-721-210
E	240mm, 9 ¹ / ₂ "	290-721-240



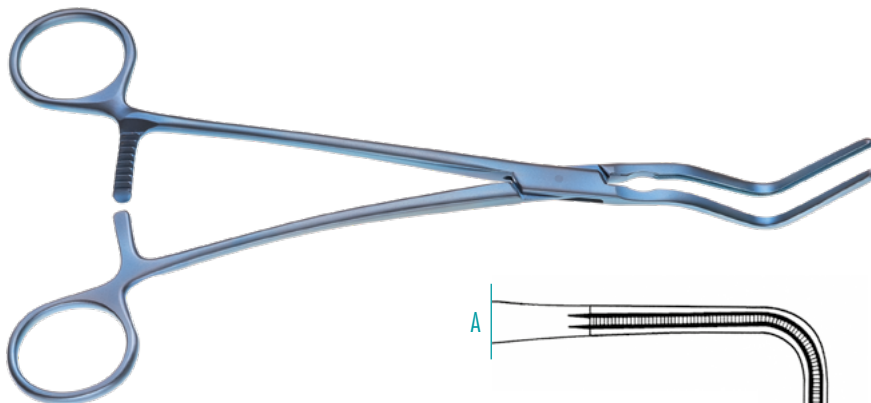
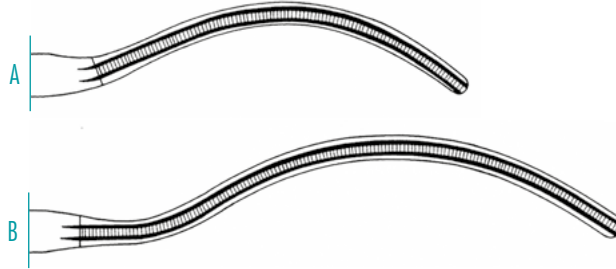


GLOVER

Cardiovascular Clamp, spoon shaped

A 215mm, 8¹/₂" 290-703-210

B 260mm, 10¹/₄" 290-703-260

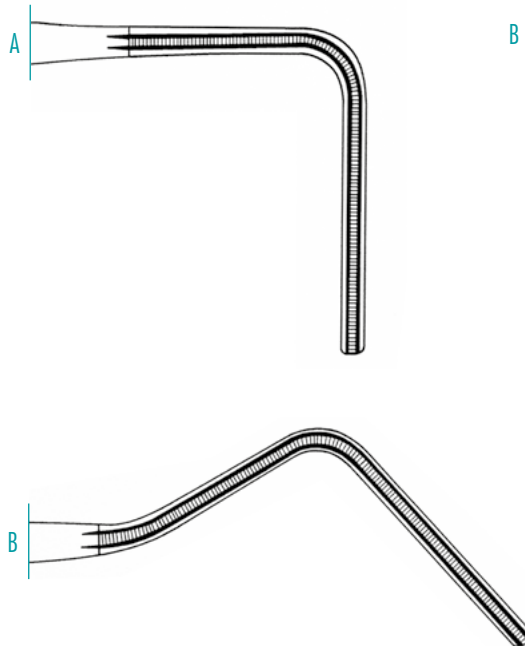


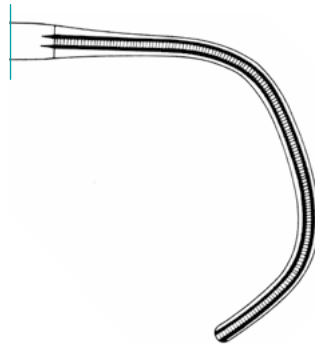
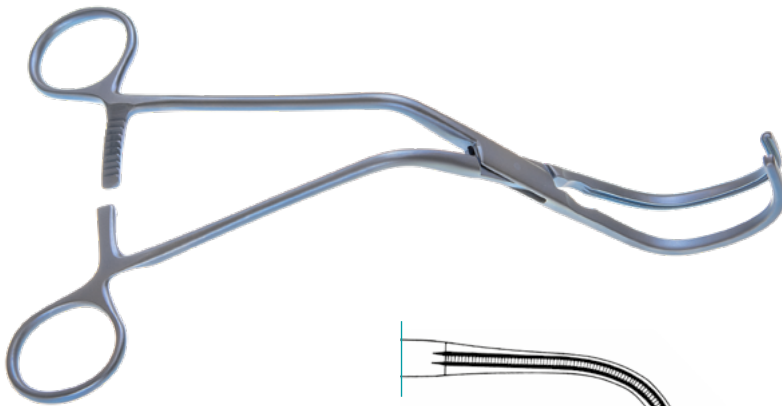
LEES

Bronchus Clamp, 220mm, 8²/₃"

A 290-707-220

B 290-707-230



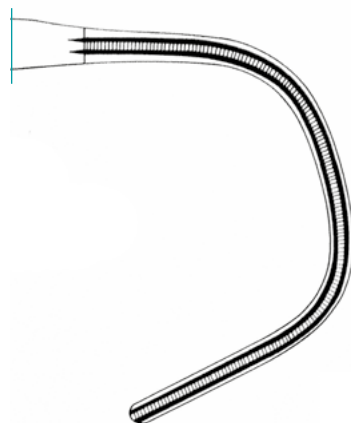
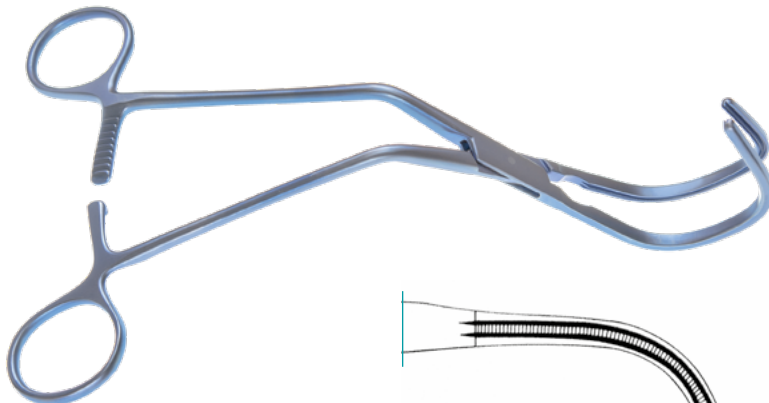


LAMBERT-KAY

Aortic Clamp

200mm, 8"

290-730-210

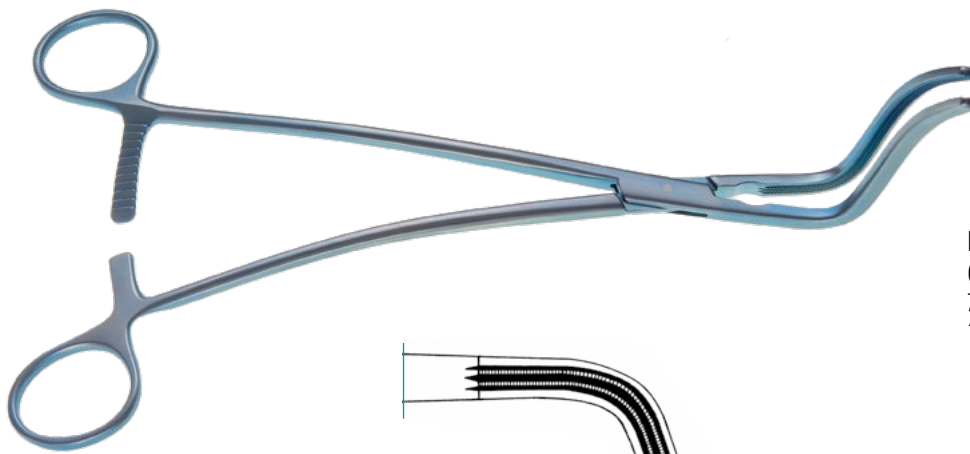


KAY

Cardiovascular Clamp

200mm, 8"

290-711-200

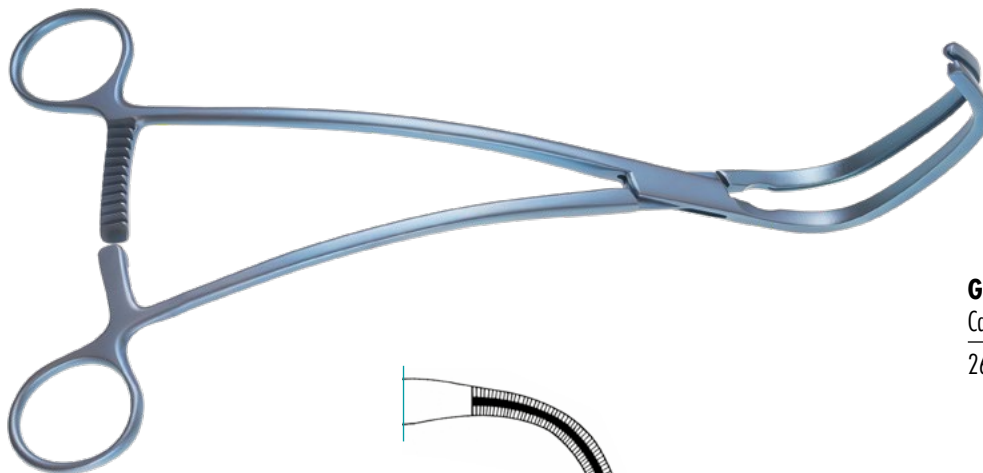
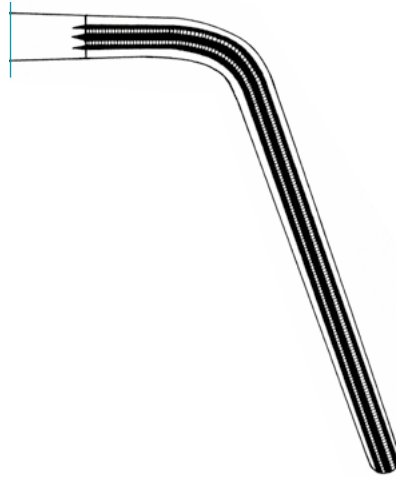


DEBAKEY

Cardiovascular Clamp

265mm, 10¹/₂"

290-713-260

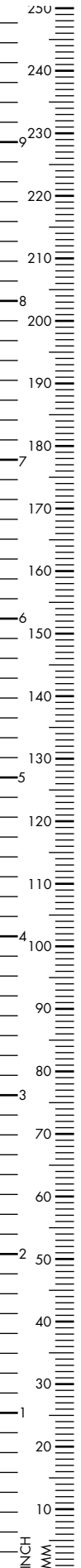


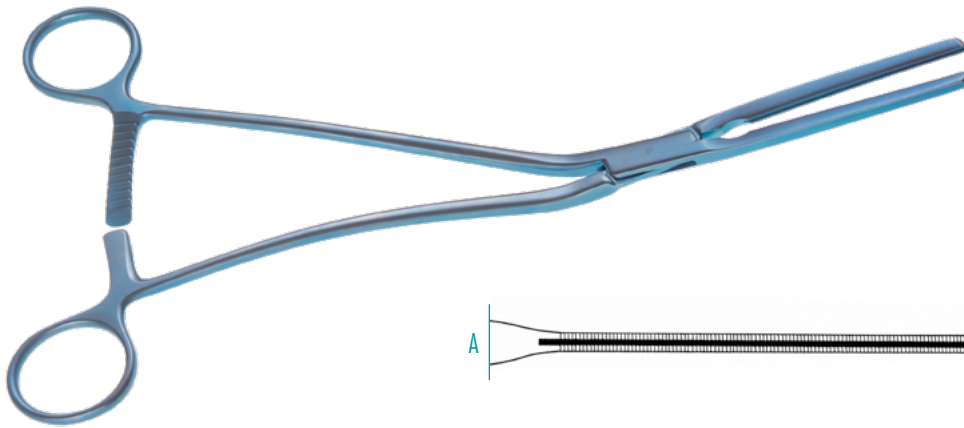
GLOVER

Cardiovascular Clamp

265mm, 10¹/₂"

290-715-260

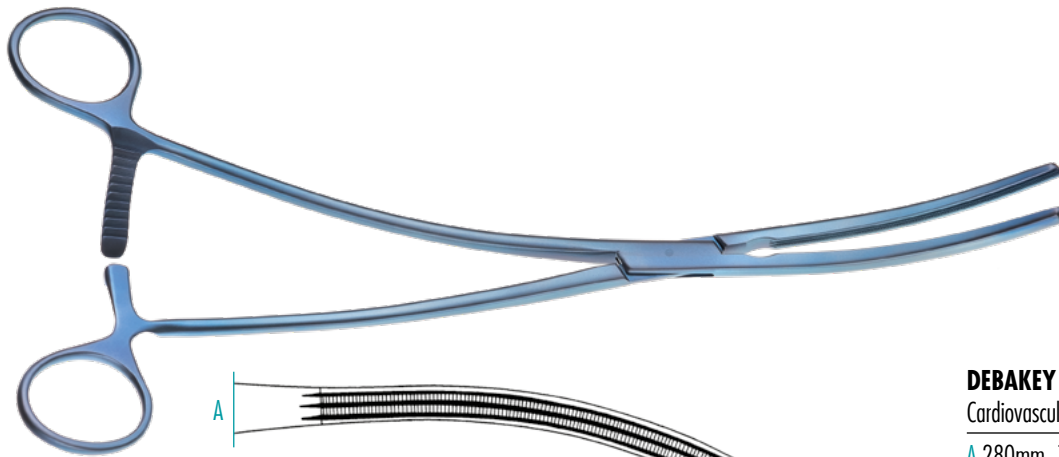




COOLEY

Iliac Artery Clamp

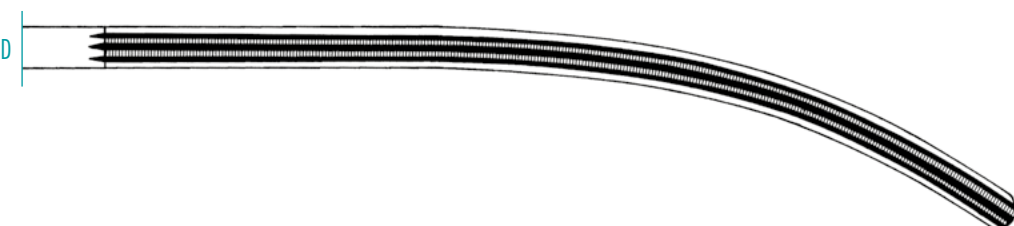
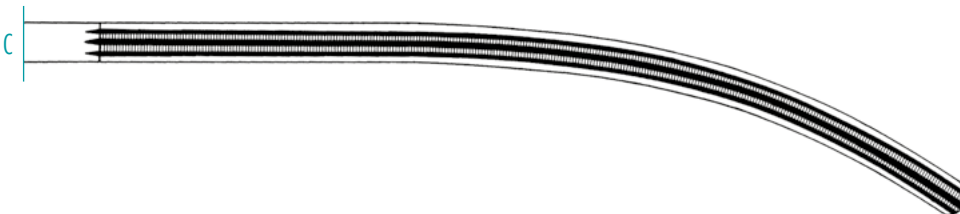
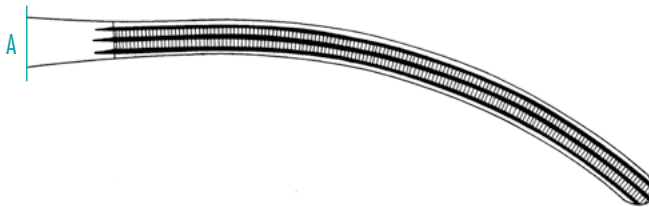
A	215mm, 8 ¹ / ₂ "	290-717-210
B	260mm, 10 ¹ / ₄ "	290-717-260

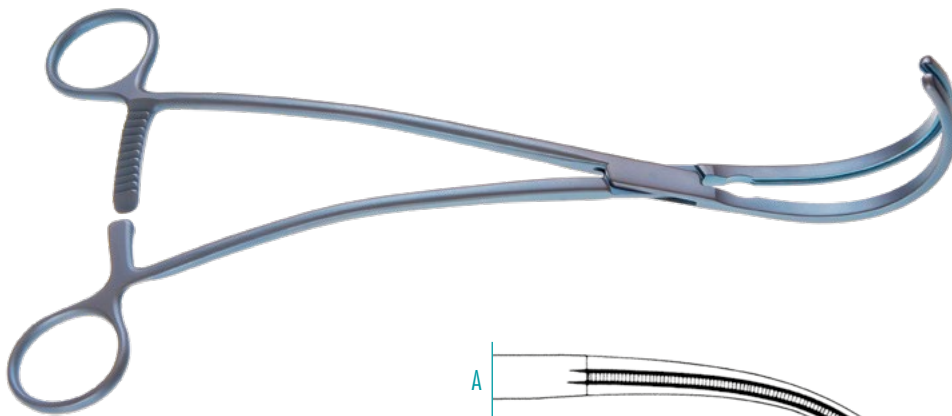


DEBAKEY

Cardiovascular Clamp, c-curved

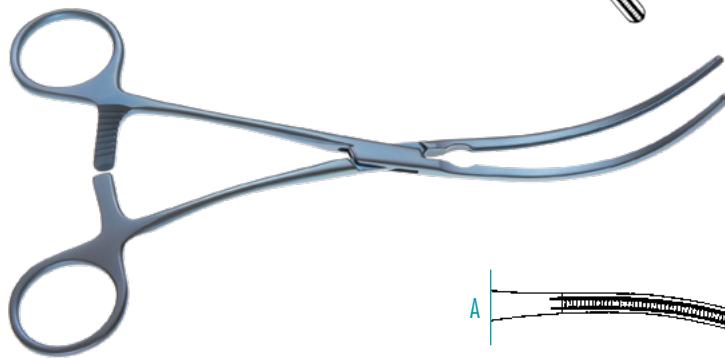
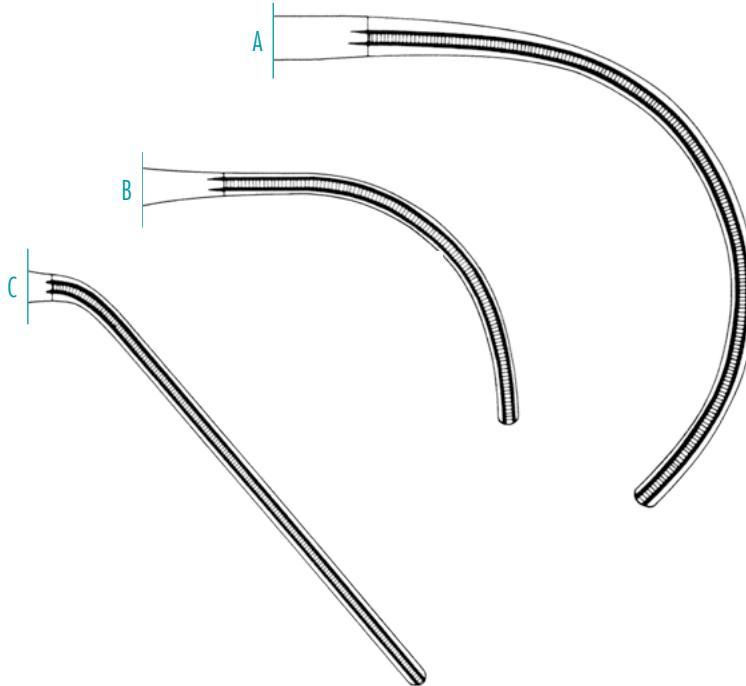
A	280mm, 11"	290-723-280
B	300mm, 11 ⁷ / ₈ "	290-723-300
C	320mm, 12 ⁵ / ₈ "	290-723-320
D	340mm, 13 ¹ / ₃ "	290-723-340





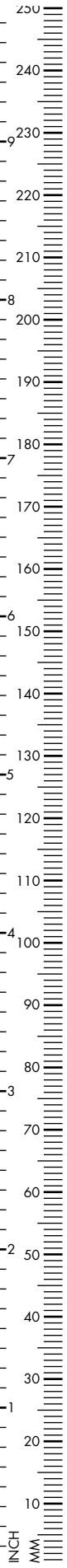
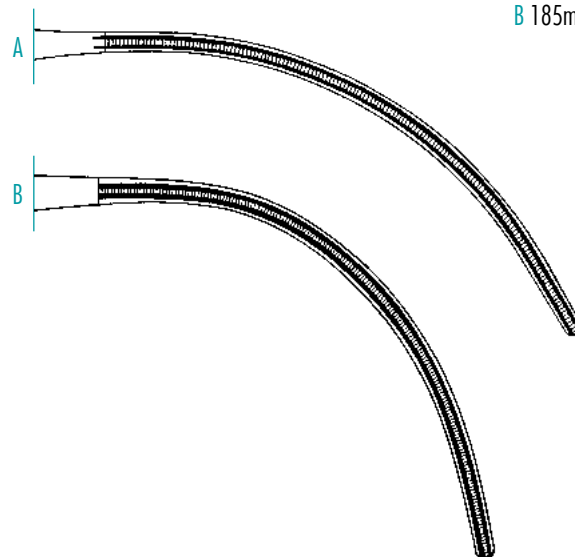
DEBAKEY
Cardiovascular Clamp

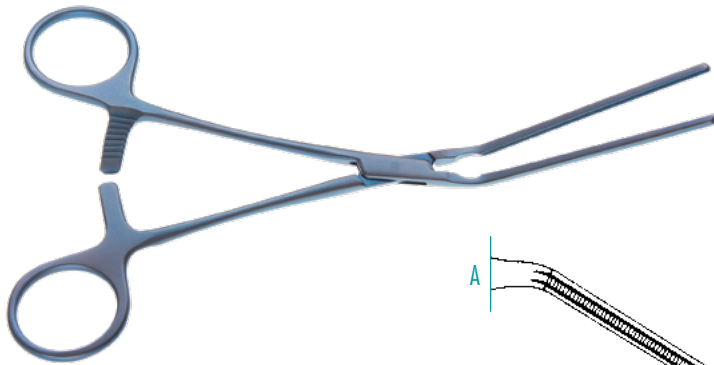
A	265mm, 10 ¹ / ₂ "	290-727-270
B	260mm, 10 ¹ / ₄ "	290-727-260
C	180mm, 7"	290-729-180



DEBAKEY
Vascular Clamp

A	200mm, 8"	290-727-200
B	185mm, 7 ¹ / ₄ "	290-727-180

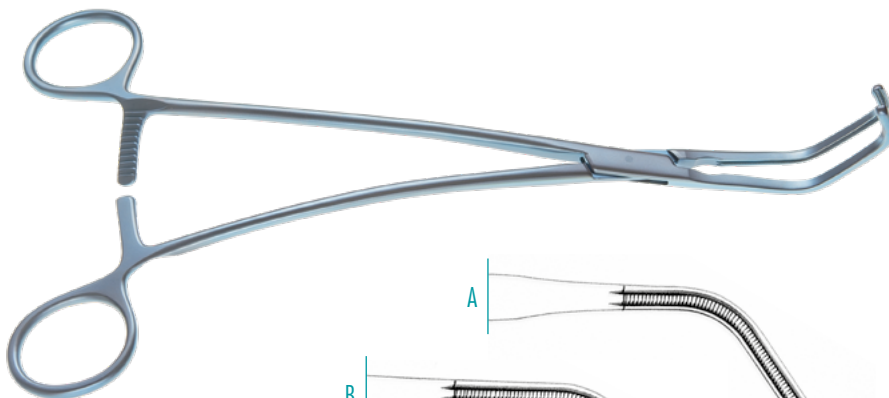
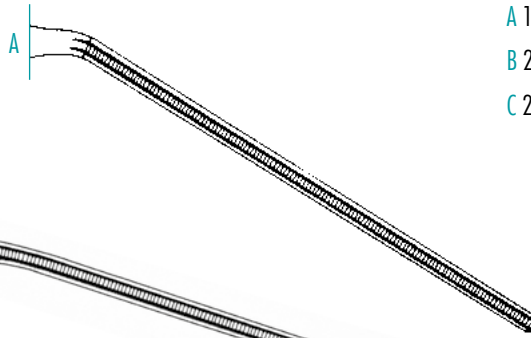




LELAND JONES

Vascular Clamp

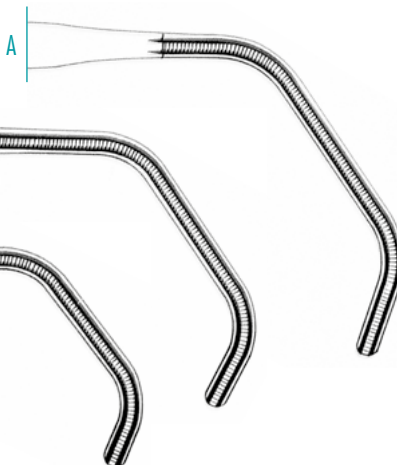
A	190mm, 7 ¹ / ₂ "	290-731-190
B	200mm, 8"	290-731-200
C	205mm, 8 ¹ / ₈ "	290-731-210

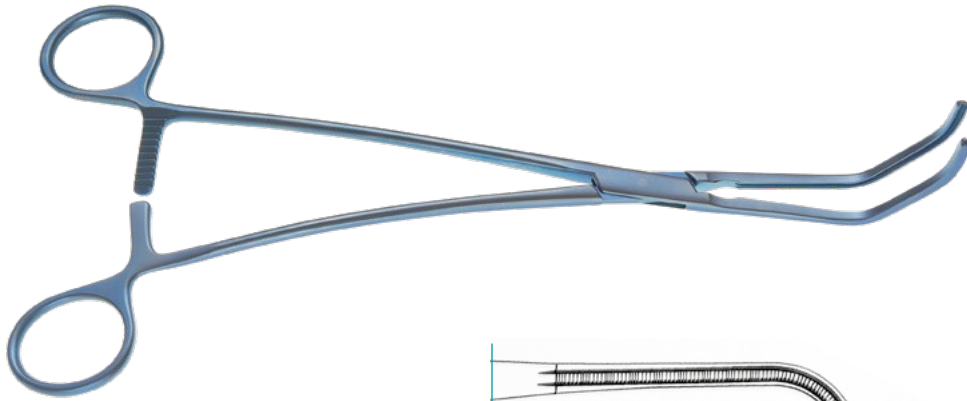


SATINSKY

Vena Cava Clamp, 250mm, 9⁷/₈"

A		290-735-001
B		290-735-002
C		290-735-003

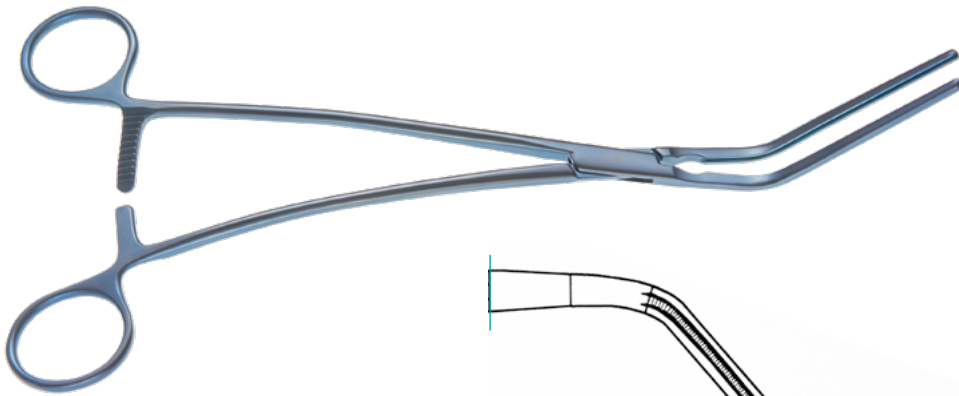
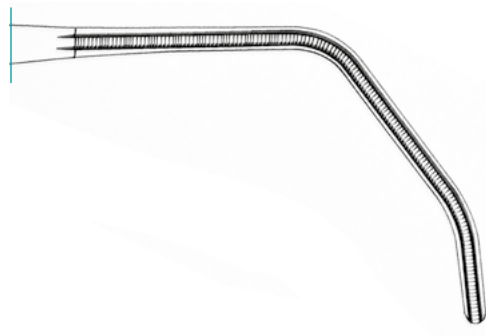




GLOVER
Tangential Clamp

250mm, 9⁷/₈"

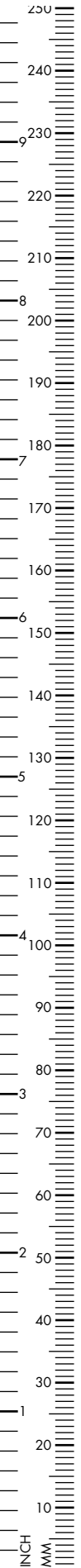
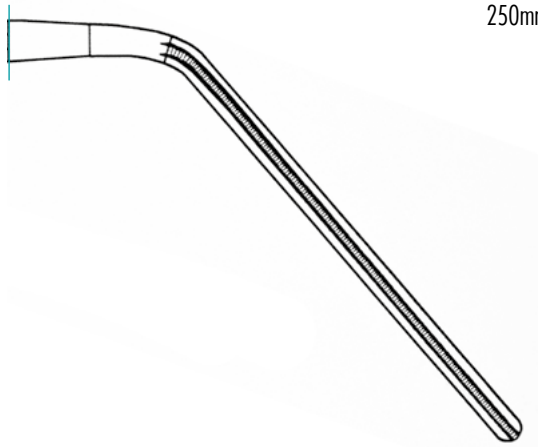
290-735-250

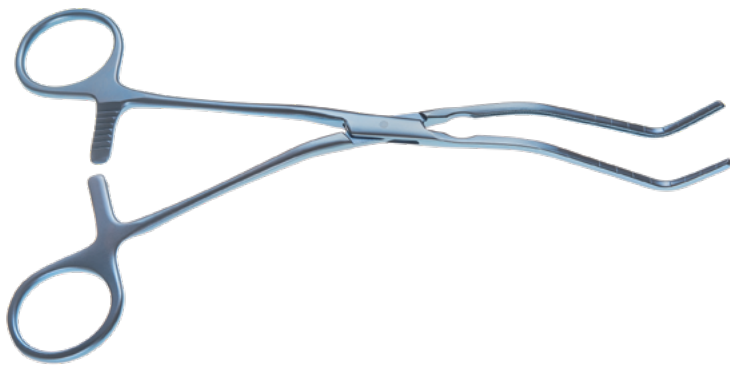


DEBAKEY
Cardiovascular Clamp

250mm, 9⁷/₈"

290-737-260

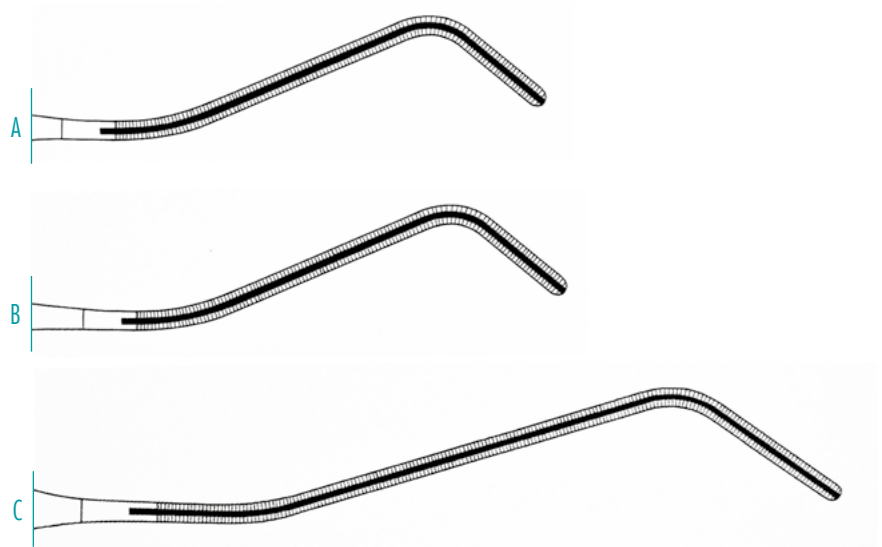


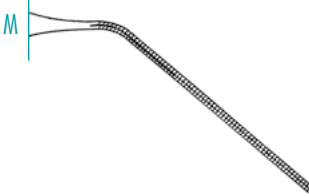
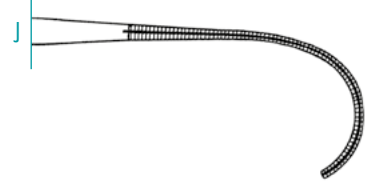
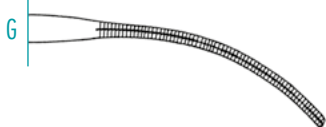
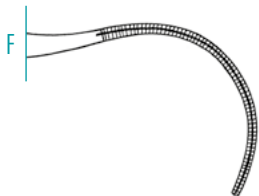
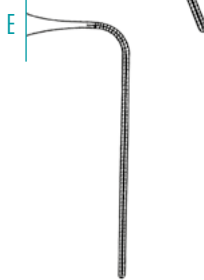
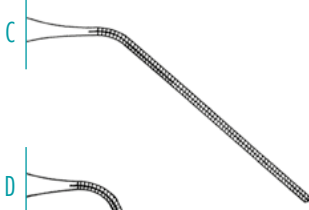
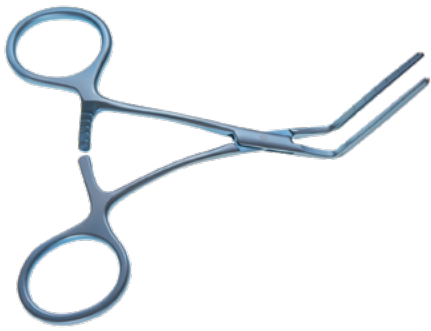


COOLEY

Renal Artery Clamp

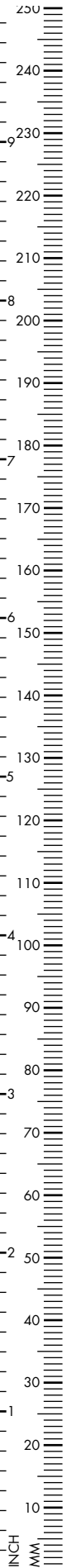
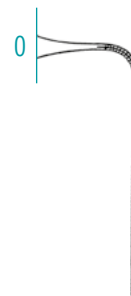
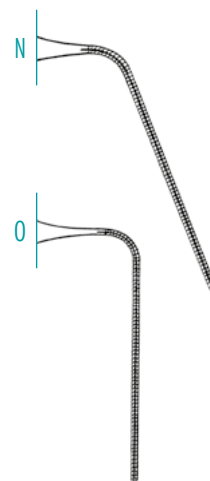
A	190mm, 7 ¹ / ₂ "	290-739-190
B	200mm, 8"	290-739-200
C	270mm, 10 ² / ₃ "	290-739-270

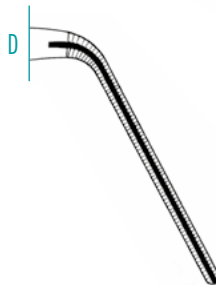
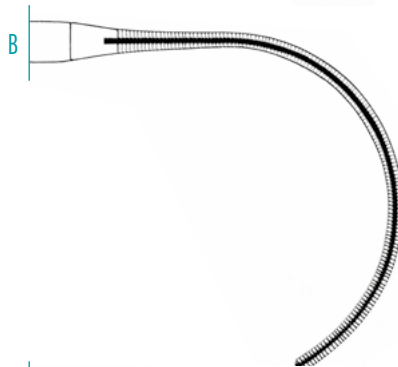
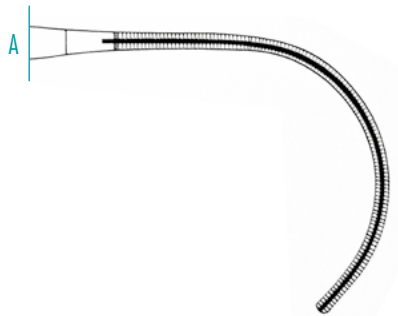
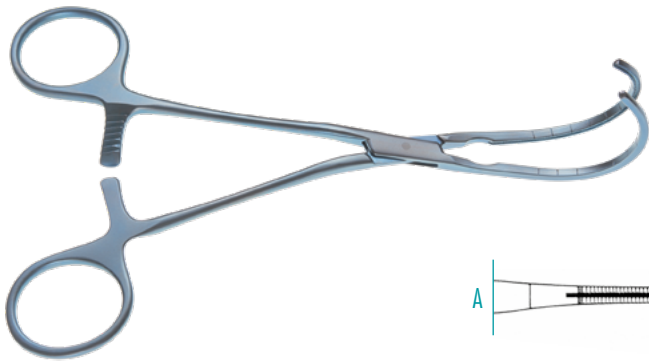




CASTANEDA
Pediatric Clamp

A	130mm, 5 ¹ / ₈ "	290-732-130
B	130mm, 5 ¹ / ₈ "	290-734-130
C	130mm, 5 ¹ / ₈ "	290-735-130
D	120mm, 4 ³ / ₄ "	290-734-120
E	110mm, 4 ¹ / ₃ "	290-732-110
F	120mm, 4 ³ / ₄ "	290-793-120
G	130mm, 5 ¹ / ₈ "	290-794-130
H	150mm, 6"	290-796-150
I	150mm, 6"	290-795-150
J	150mm, 6"	290-797-150
K	160mm, 6 ¹ / ₄ "	290-798-160
L	160mm, 6 ¹ / ₄ "	290-799-160
M	150mm, 6"	290-798-150
N	150mm, 6"	290-799-150
O	140mm, 5 ¹ / ₂ "	290-798-140

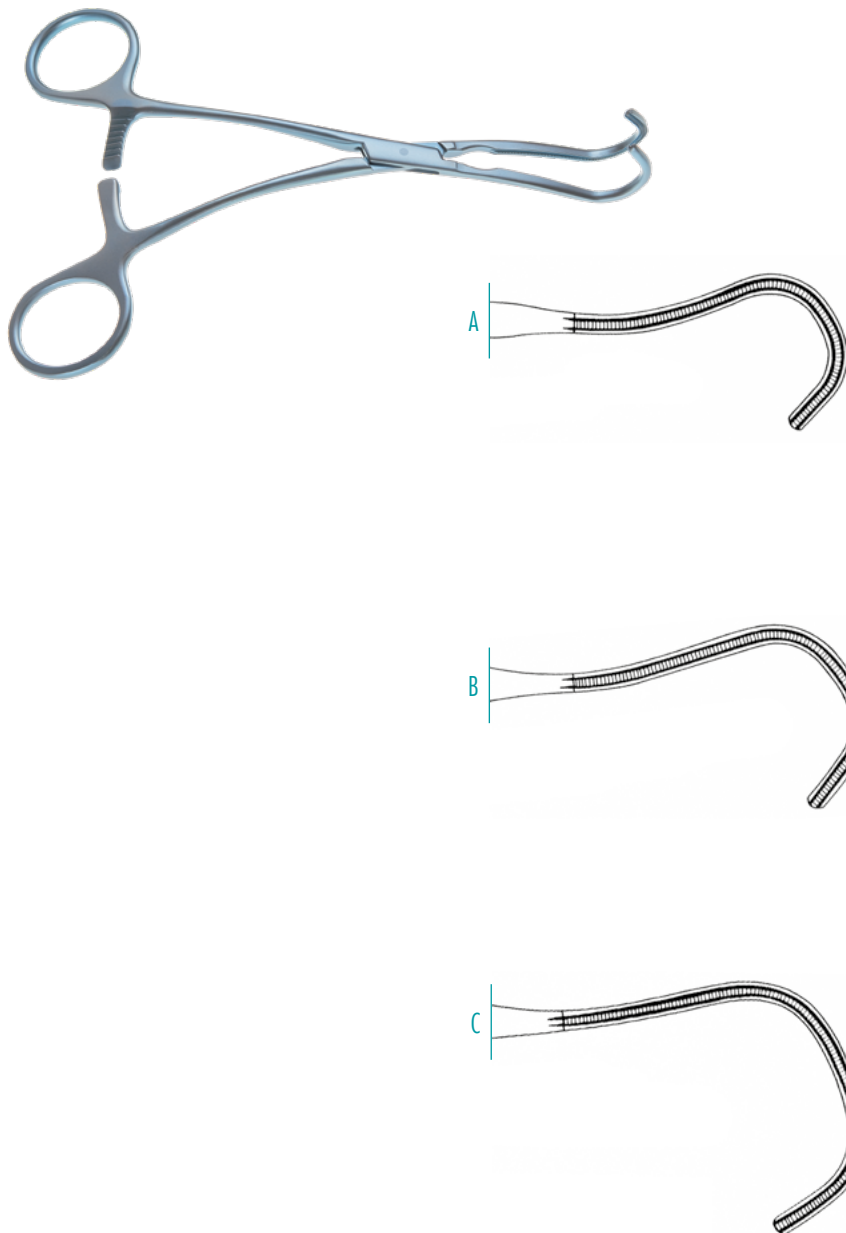




COOLEY

Pediatric Clamp

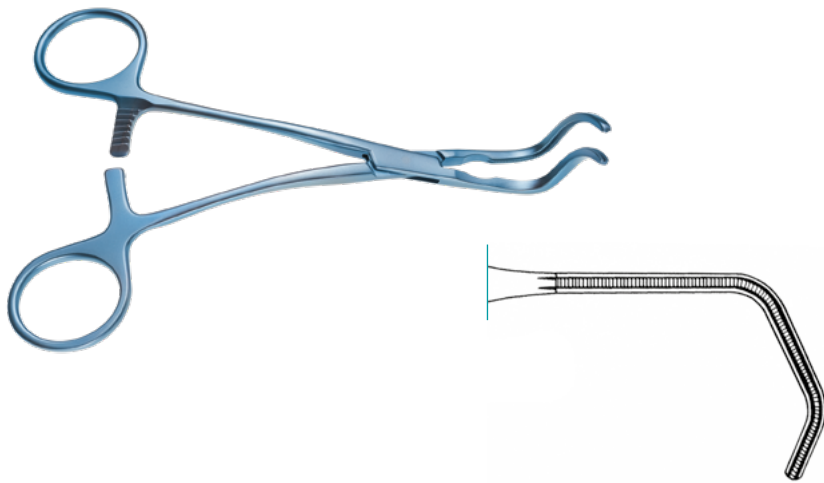
A	165mm, 6 ¹ / ₂ "	290-760-165
B	170mm, 6 ² / ₃ "	290-760-170
C	170mm, 6 ² / ₃ "	290-761-170
D	165mm, 6 ¹ / ₂ "	290-761-165
E	150mm, 6"	290-761-150



DERRA

Anastomosis Pediatric Clamp

A	165mm, 6 ^{1/2} "	290-758-165
B	170mm, 6 ^{2/3} "	290-758-170
C	180mm, 7"	290-759-180

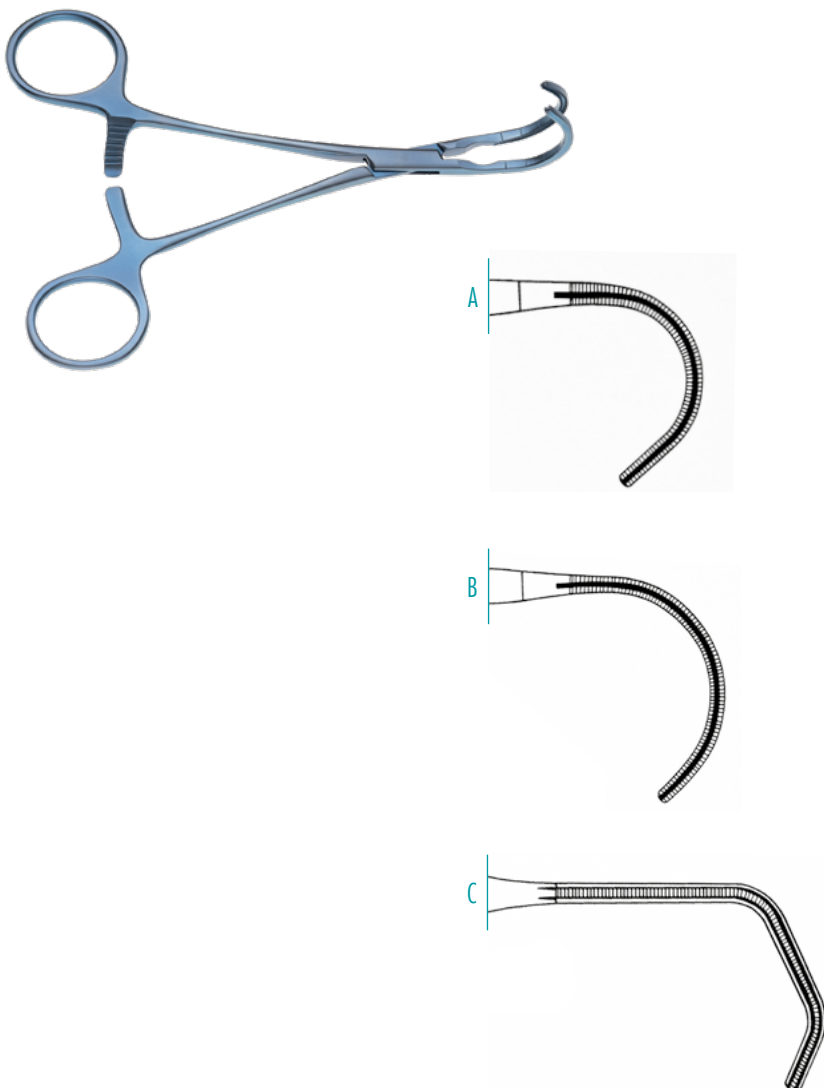


SUBRAMANIAN

Aortic Clamp

160mm, 6¹/₄"

290-733-160



BECK

Pediatric Clamp, 150mm, 6"

A small jaw

290-734-150

B large jaw

290-735-150

Aortic Pediatric Clamp

C 165mm, 6¹/₂"

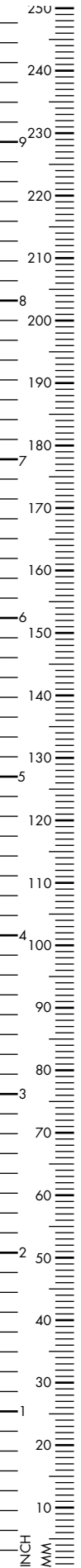
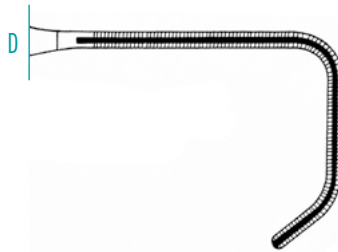
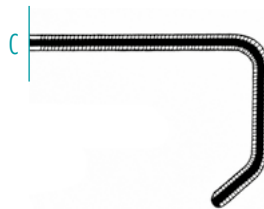
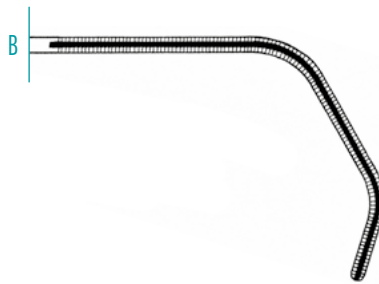
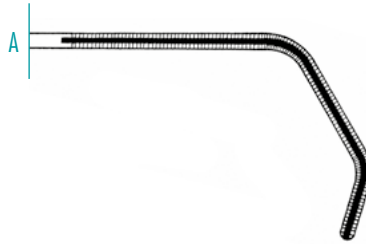
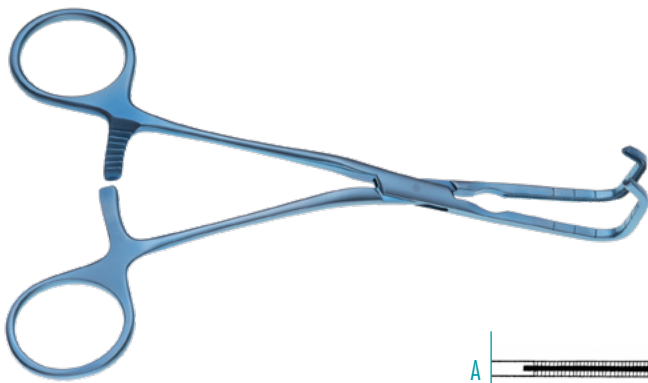
290-732-165

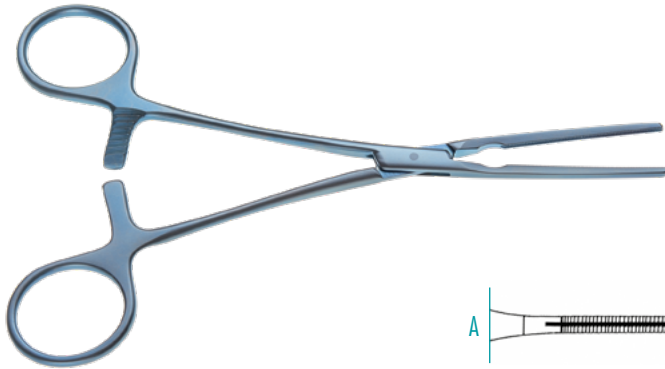


COOLEY

Pediatric Clamp

A	170mm, 6 ² / ₃ "	290-762-170
B	180mm, 7"	290-762-180
C	170mm, 6 ² / ₃ "	290-763-170
D	175mm, 6 ⁷ / ₈ "	290-763-175





COOLEY

Pediatric Clamp, straight shanks

A 160mm, 6^{1/4}" 290-764-160

angled shanks

A 160mm, 6^{1/4}" 290-765-160

straight shanks

B 170mm, 6^{2/3}" 290-764-170

straight shanks

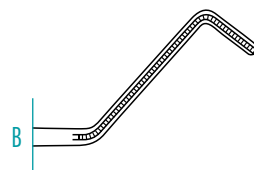
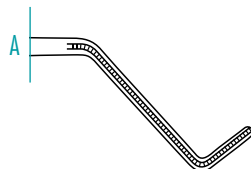
B 170mm, 6^{2/3}" 290-765-170

straight shanks, curved jaw

C 170mm, 6^{2/3}" 290-766-170

straight shanks, spoon-shaped jaw

D 170mm, 6^{2/3}" 290-767-170

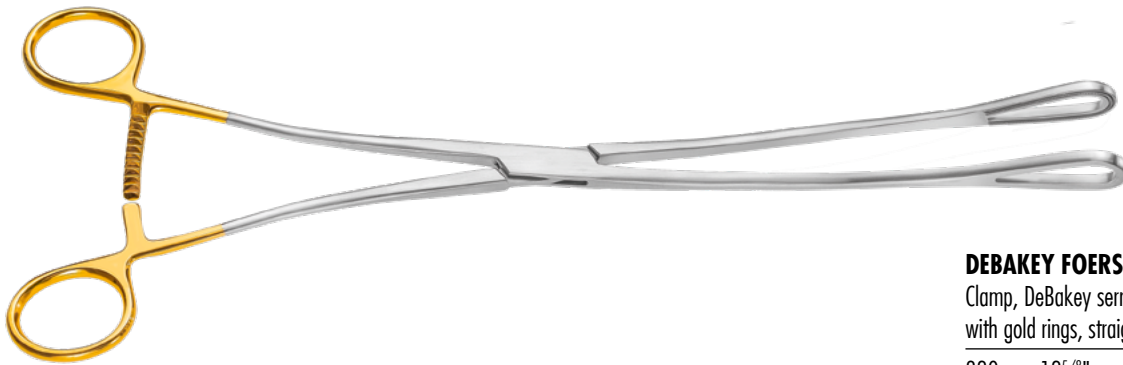


KITZMILLER

Pediatric Clamp, 110mm, 4^{1/3}"

A left angled 290-723-110

B right angled 290-725-110



DEBAKEY FOERSTER

Clamp, DeBakey serrations,
with gold rings, straight

320mm, 12^{5/8}"

290-000-320

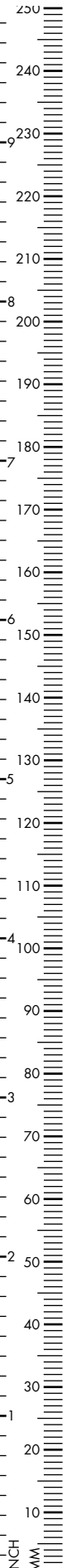


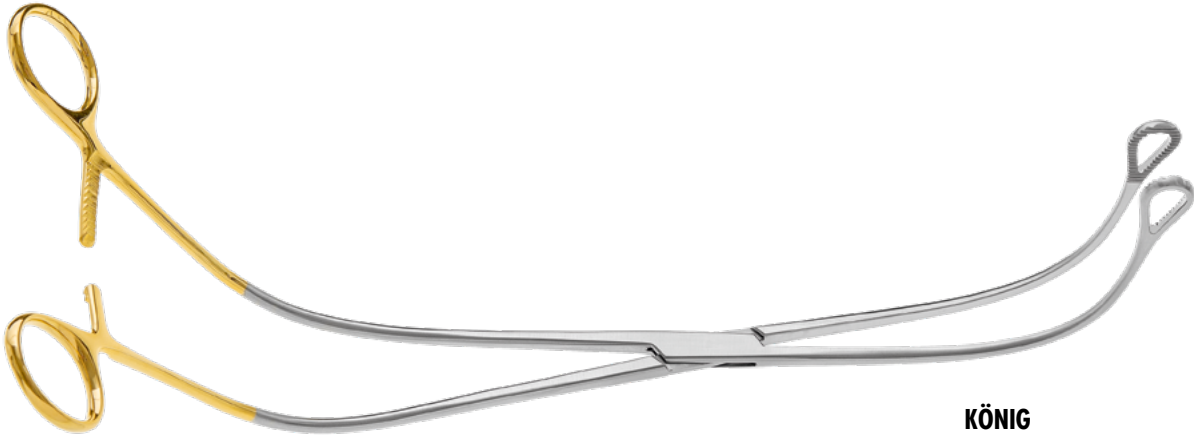
DEBAKEY FOERSTER

Clamp, DeBakey serrations,
with gold rings, curved

320mm, 12^{5/8}"

290-000-321

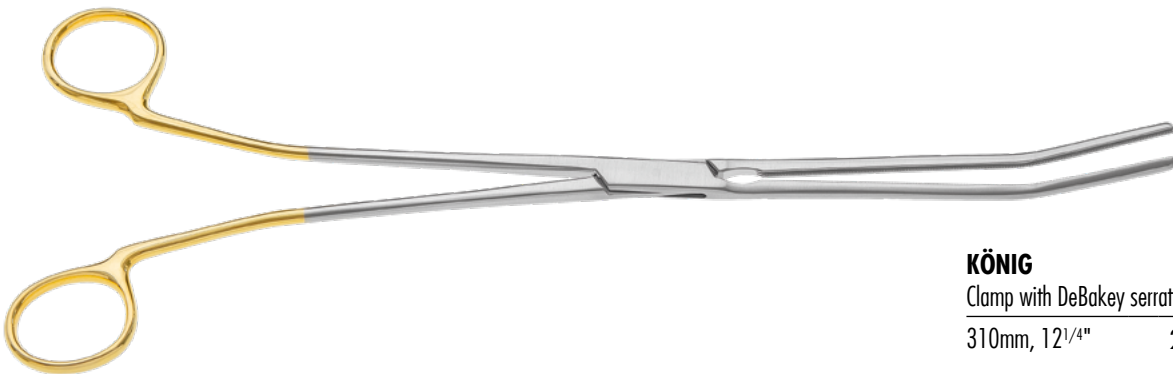




KÖNIG

Ring forceps for thoracic surgery

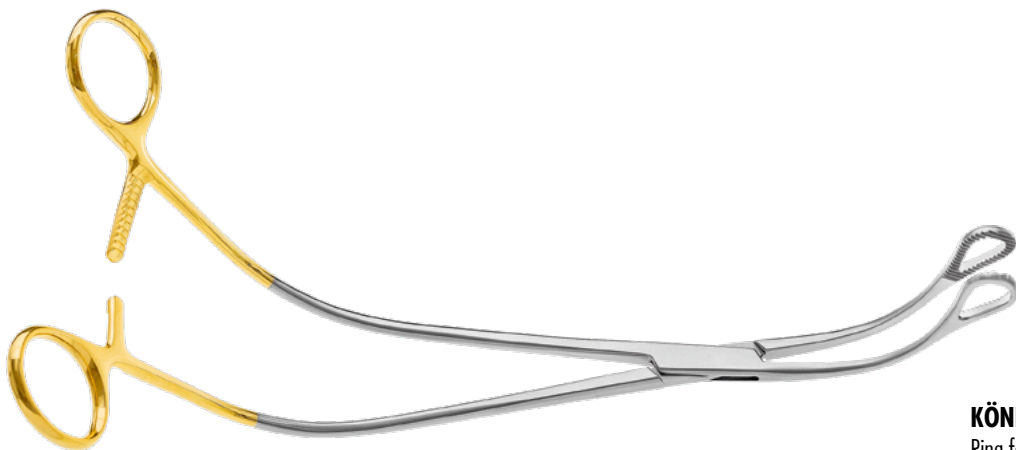
310mm, 12¹/₄" 290-000-315



KÖNIG

Clamp with DeBakey serration

310mm, 12¹/₄" 290-000-310



KÖNIG

Ring forceps for thoracic surgery

255mm, 10"

290-000-255

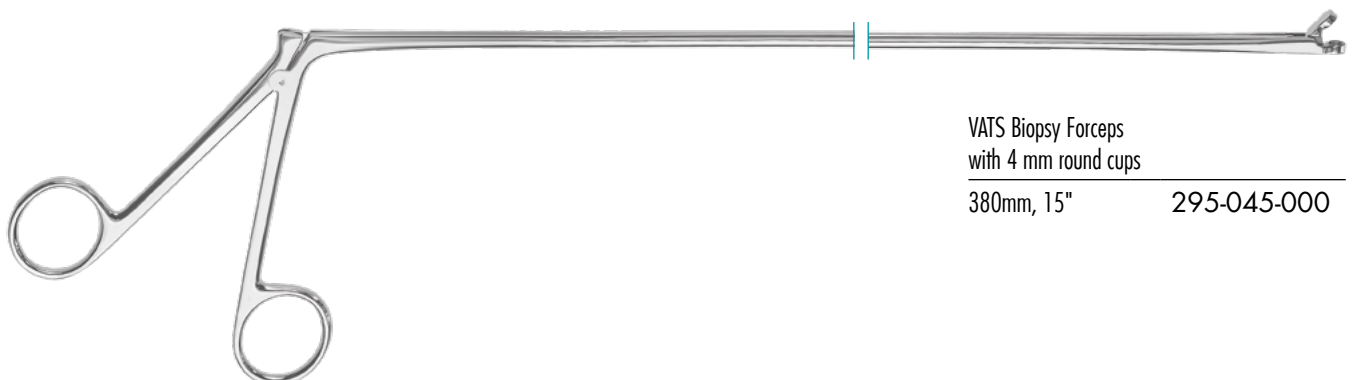


KÖNIG

T-Clamp with DeBaKey serration

305mm, 12"

290-000-305



VATS Biopsy Forceps
with 4 mm round cups

380mm, 15"

295-045-000



Chest Tube Passer, Ø 10mm shaft,
160mm working length, without ratchet

250mm, 9 ^{7/8} "	295-080-150
280mm, 11"	295-080-280

155mm working length, with ratchet

240mm, 9 ^{1/2} "	295-080-170
---------------------------	-------------

280mm working length, with ratchet

355mm, 14"	295-080-281
------------	-------------



FOERSTER

left curved, oval shape,
Ø 7mm shaft, 230mm working length

335mm, 13 ^{1/4} "	295-150-012
----------------------------	-------------

Ø 10mm shaft, 240mm working length

340mm, 13 ^{1/3} "	295-150-020
----------------------------	-------------



DUVAL

left curved, triangular shape, 10mm jaw width
Ø 10mm shaft, 230mm working length

330mm, 13"	295-310-001
------------	-------------

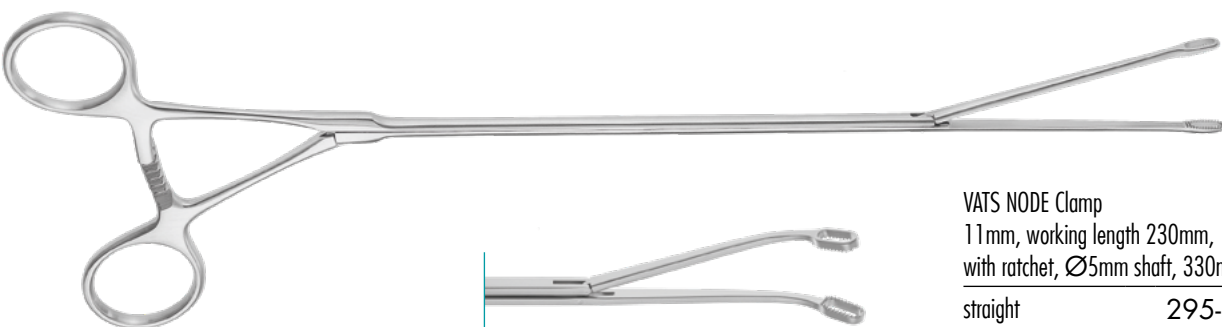
25mm jaw width
235mm working length

330mm, 13"	295-310-002
------------	-------------



Dissecting Forceps, left curved,
Ø 7mm shaft, 230mm working length

340mm, 13 ^{1/3} "	295-100-230
----------------------------	-------------

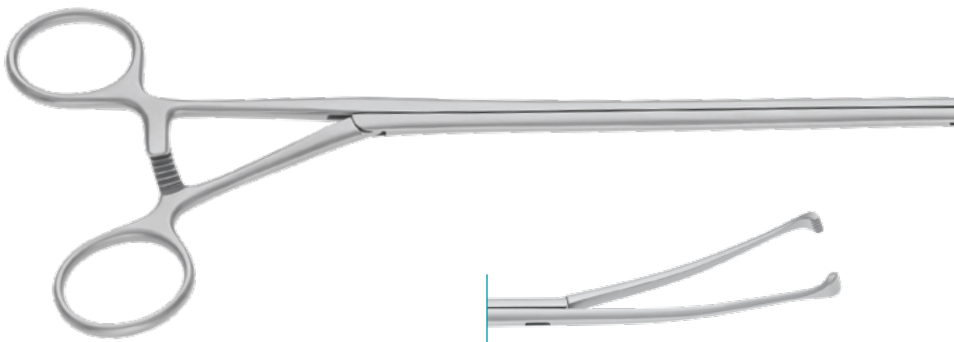


VATS NODE Clamp
11mm, working length 230mm,
with ratchet, Ø5mm shaft, 330mm, 13"

straight	295-150-222
----------	-------------

left curved	295-150-223
-------------	-------------





ALLIS

left curved, 6mm jaw width
 Ø 7mm shaft, 240mm working length

330mm, 13" 295-310-100



DEBAKEY

1x2 teeth, Ø 10mm shaft,
 65mm jaw length, 230mm working length

330mm, 13" 295-290-065

75mm jaw length, 250mm working length

340mm, 13¹/₃" 295-290-075

100mm jaw length, 255mm working length

360mm, 14¹/₄" 295-290-100



2x3 teeth,
 100mm jaw length, 250mm working length

350mm, 14" 295-290-101



COOLEY

1x2 teeth, Ø 10mm shaft,
 240mm working length, 345mm, 13¹/₂"

with ratchet 295-290-300

without ratchet 295-290-301

Fig.1



Fig.2



HARKEN

1x2 teeth, Ø 10mm shaft, without ratchet,
 250mm working length, Fig. 1

355mm, 14" 295-290-001

270mm working length, without ratchet, Fig. 2

370mm, 14¹/₂" 295-290-002

1x2 teeth, Ø 10mm shaft, with ratchet
 250mm working length, Fig. 1

355mm, 14" 295-290-010

270mm working length, with ratchet, Fig. 2

370mm, 14¹/₂" 295-290-012

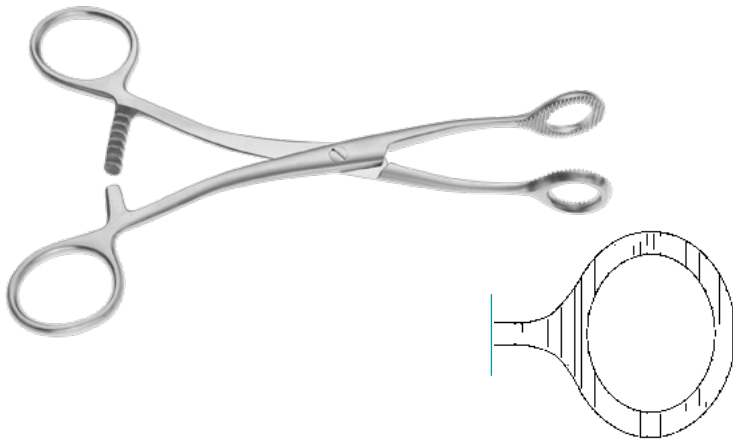


D'AMICO

Ø 10mm shaft, 110mm jaw length
 270mm working length, 370mm, 14¹/₂"

straight 295-290-200

curved 295-290-201

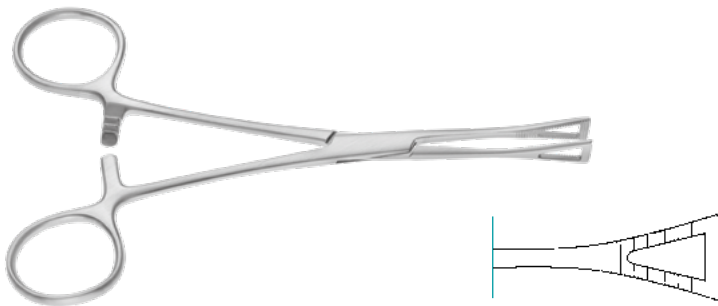


COLLIN

Hemostatic Forceps

160mm, 6¹/₄"

140-236-160

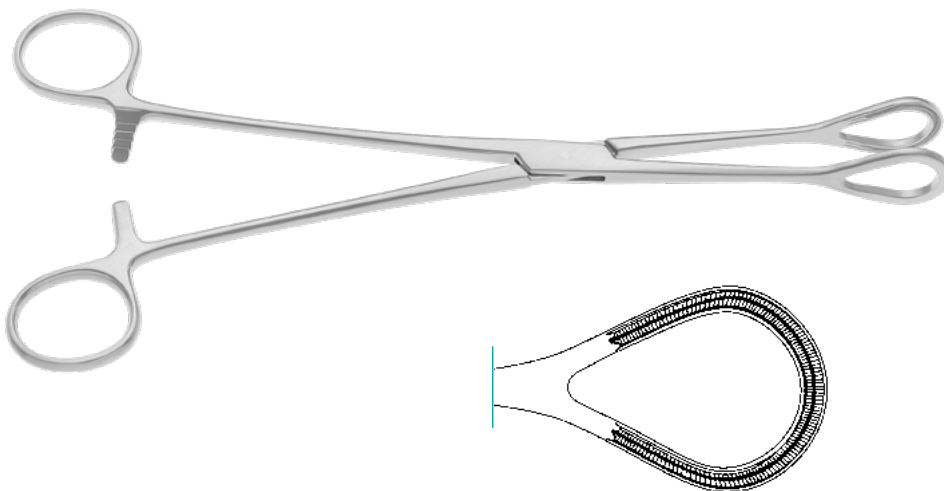


PENNINGTON

Tissue Holding Forceps

155mm, 6¹/₈"

140-240-155

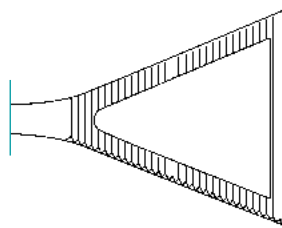
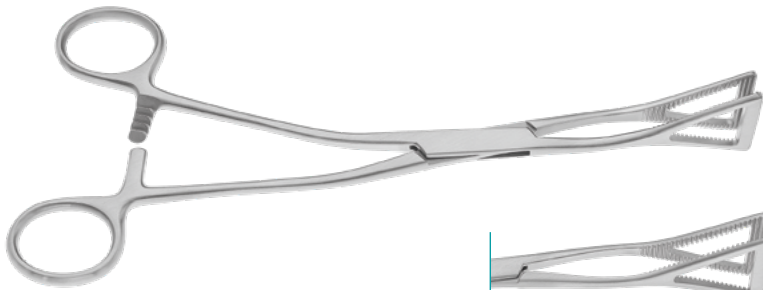


DEBAKEY

Intestinal and Organ Grasping Forceps,
atraumatic serrations, small ring

260mm, 10¹/₄"

140-220-260

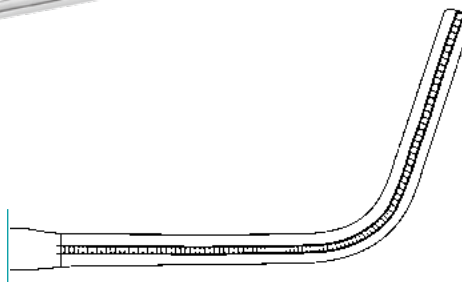


LOVELACE

Lung Grasping Forceps, 200mm, 8"

straight 290-286-200

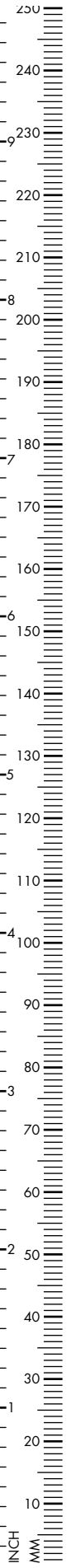
curved 290-287-200

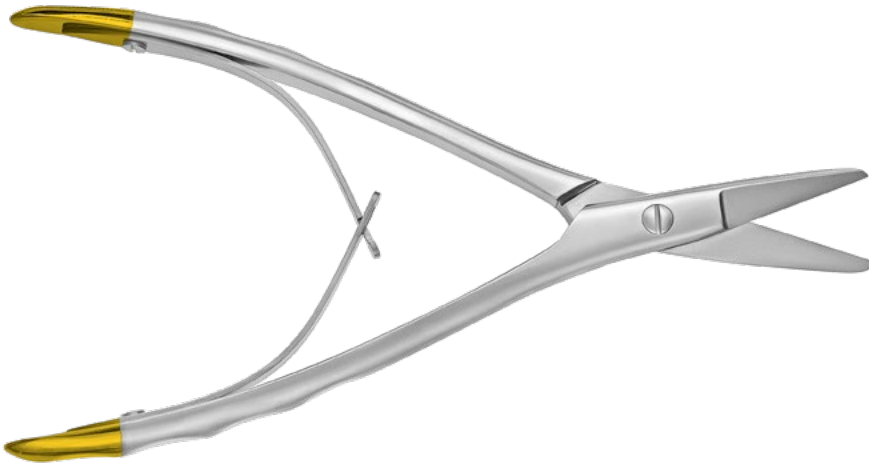


DEBAKEY MIXTER

Thoracic Forceps, strong serration

280mm, 11" 290-600-230





Rib Shears	
230mm, 9"	290-100-230



Rib Shears	
220mm, 8 ² / ₃ "	290-101-220



GLUCK	
Bone / Rib Shears	
220mm, 8 ² / ₃ "	290-107-220

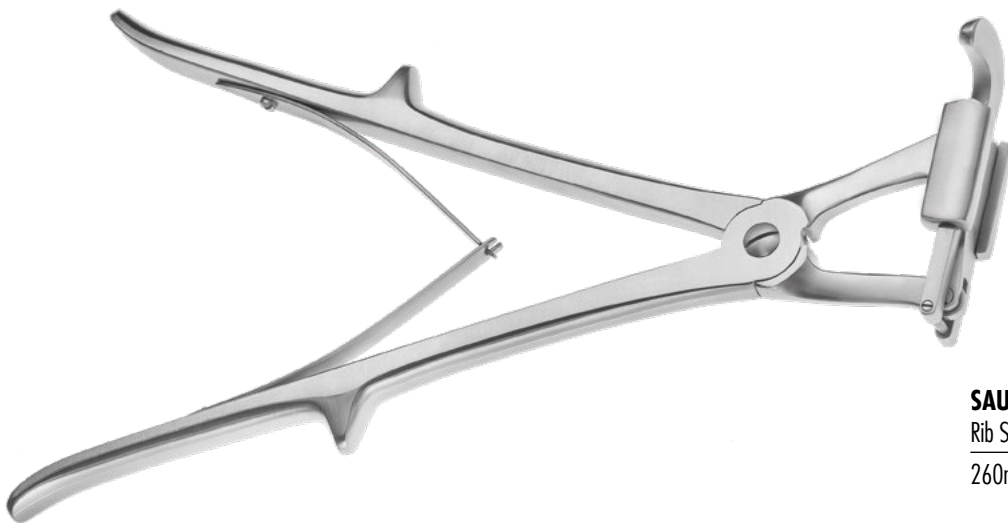


BETHUNE

Rib Shears

345mm, 13⁵/₈"

290-126-340



SAUERBRUCH

Rib Shears

260mm, 10¹/₄"

290-131-260

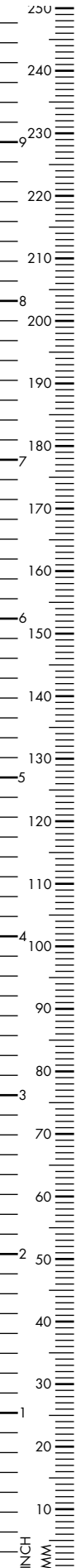


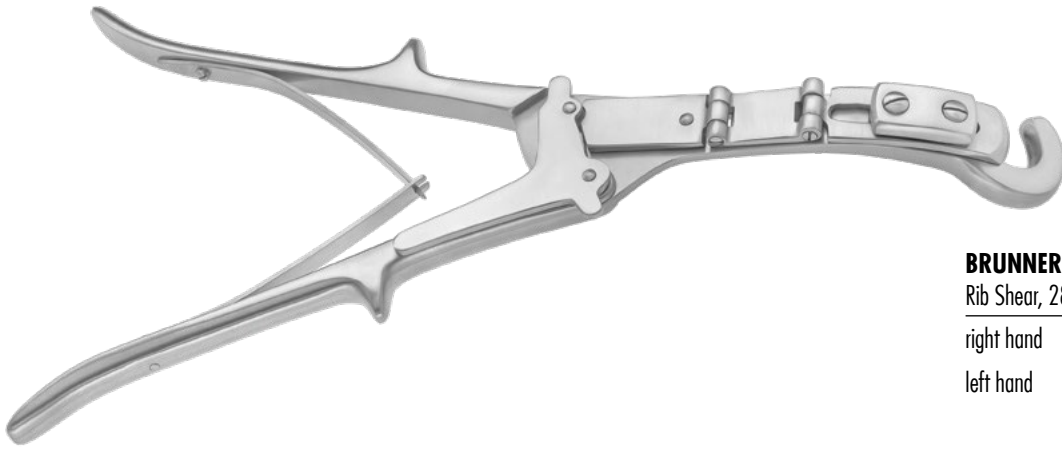
GIERTZ STILLE

Rib Shears, double action

250mm, 9⁷/₈"

290-137-270





BRUNNER

Rib Shear, 280mm, 11"

right hand	290-147-280
left hand	290-149-280



VEHMEHREN (TUDOR EDWARDS)

Costotome

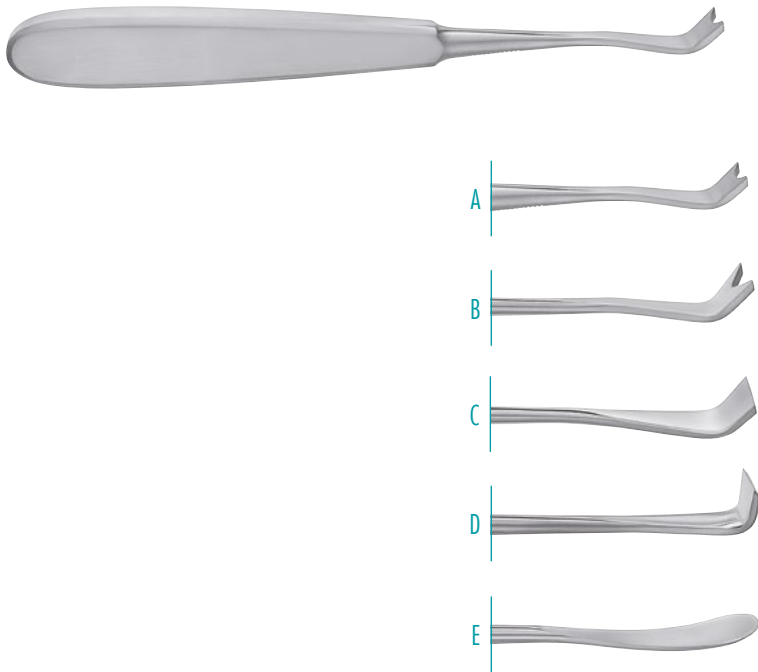
240mm, 9 ^{1/2} "	290-110-240
---------------------------	-------------



SWEET

Sternum Punch

230mm, 9"	290-158-245
-----------	-------------



SEMB

Raspatory, hollow handle, 190mm, 7¹/₂"

A 12mm 210-450-001

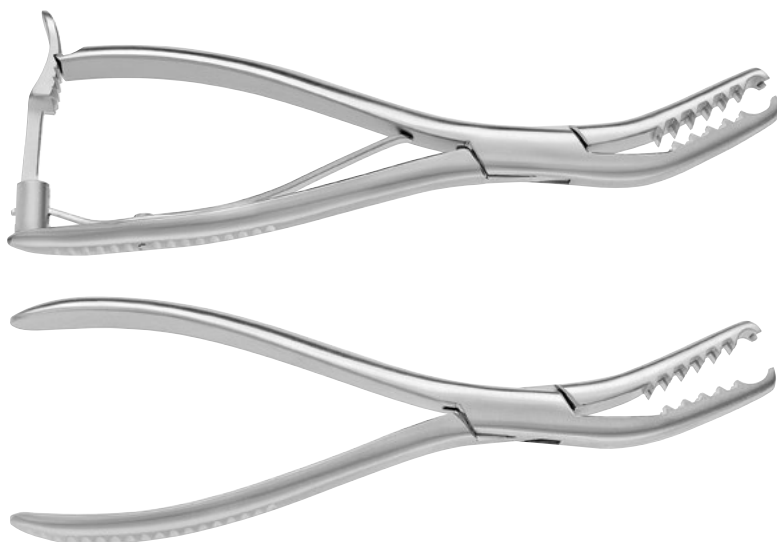
230mm, 9"

B 12mm 210-450-002

C 13mm 210-450-003

D 13mm 210-450-004

E 15mm 210-450-005



SEMB

Bone Holding Forceps, laterally curved
with ratchet

190mm, 7¹/₂" 210-624-190

without ratchet

190mm, 7¹/₂" 210-623-190

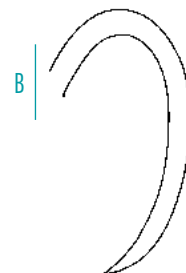


LEBSCHE

Sternum Chisel

245mm, 9²/₃"

290-151-240



DOYEN

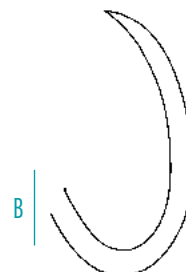
Rib Raspatory, 175mm, 6⁷/₈"

A right, adults

210-331-170

B left, adults

210-333-170



DOYEN

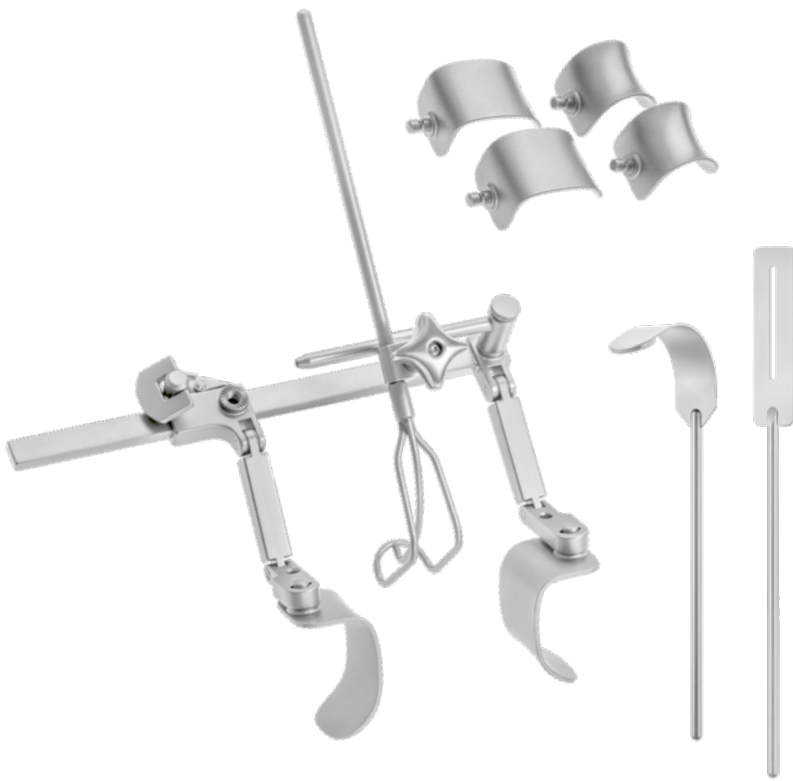
Rib Raspatory, 175mm, 6⁷/₈"

A right, children

210-335-170

B left, children

210-337-170



Mini Thoracotomy Retractor,
double hinge, set with 2 blades pairs
36 x 55 / 36 x 40mm, detachable crossbar

290-156-000

Blade Pair

40 x 70mm 290-156-001

Blades, 280mm length

95 x 18mm 290-156-004

95 x 22mm 290-156-005

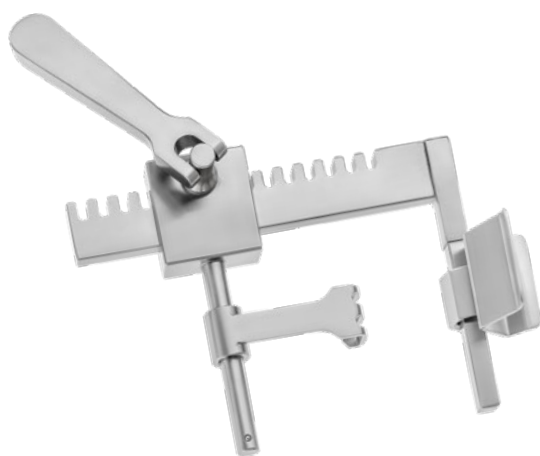


Mini Thoracotomy Retractor

36 x 45mm blades 290-155-045

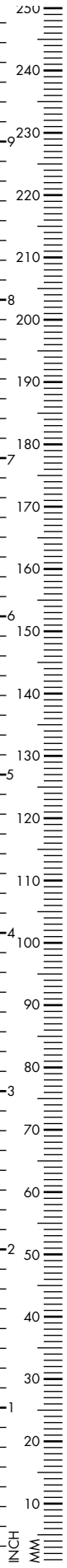
36 x 60mm blades 290-155-060

36 x 80mm blades 290-155-080



IMA Mini-Sternotomy Retractor,
complete with U-Blade 38mm, 2x french hooks

120mm, 4^{3/4}" 290-184-030





FINOCHIETTO

Micro Neonatal Rib Spreader

27 x 12 x 10mm (length/width/depth)

35mm spread 290-177-035



FINOCHIETTO BABY

Rib Spreader, straight arms

51 x 15 x 13mm (length/width/depth)

55mm spread 290-177-055

51 x 15 x 13mm (length/width/depth)

75mm spread 290-177-070

60 x 21 x 18mm (length/width/depth)

80mm spread 290-177-075

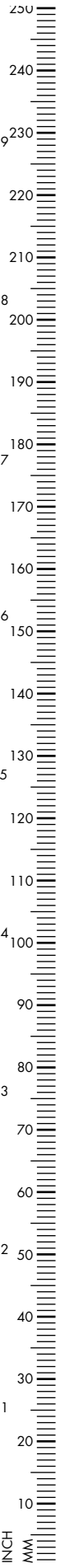


FINOCHIETTO BABY

Rib Spreader, curved arms

60 x 21 x 18mm (length/width/depth)

80mm spread 290-179-075



FINOCHIETTO BABY

Rib Spreader, with contractor
68 x 21 x 19mm (length/width/depth)

80mm spread 290-178-075



HAIGHT FINOCHIETTO BABY

Rib Spreader, Aluminium
76 x 31 x 31mm (length/width/depth)

98mm spread 290-161-002



HAIGHT

Rib Spreader, small
64 x 31 x 32mm (length/width/depth)

126mm spread 290-168-060

large
90 x 31 x 32mm (length/width/depth)

126mm spread 290-168-090

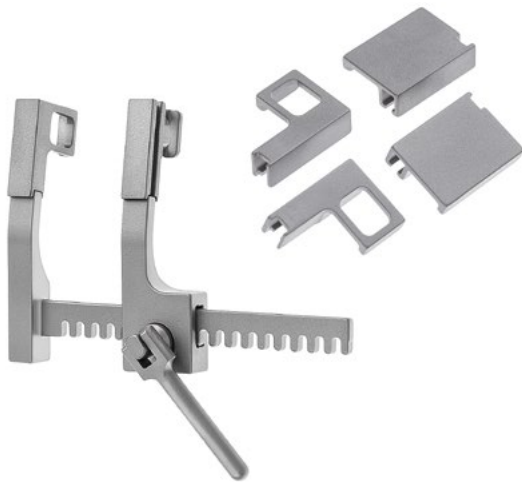


BAILEY FINOCHIETTO

Rib Spreader, Aluminium

58 x 14 x 12mm (length/width/depth)

74mm spread 290-179-000



Mini Thorax Spreader, Titanium,

40mm length

39mm spread 290-187-000

Spare Valves, paired

20 x 15mm (width/depth)

290-187-001

Spare Valves, paired

10 x 15mm (width/depth)

290-187-002



MORSE

Rib Spreader, small, black coated,
movable valves

56 x 40 x 12mm (length/width/depth)

65mm spread 290-300-255



CASTANEDA

Rib Spreader, Aluminium

60 x 34 x 11mm (length/width/depth)

74mm spread 290-166-001

80 x 45 x 13mm (length/width/depth)

80mm spread 290-166-002

126 x 60 x 17.5mm (length/width/depth)

110mm spread 290-166-003

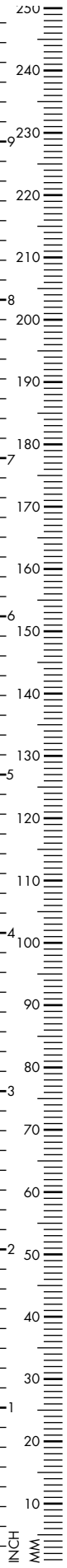


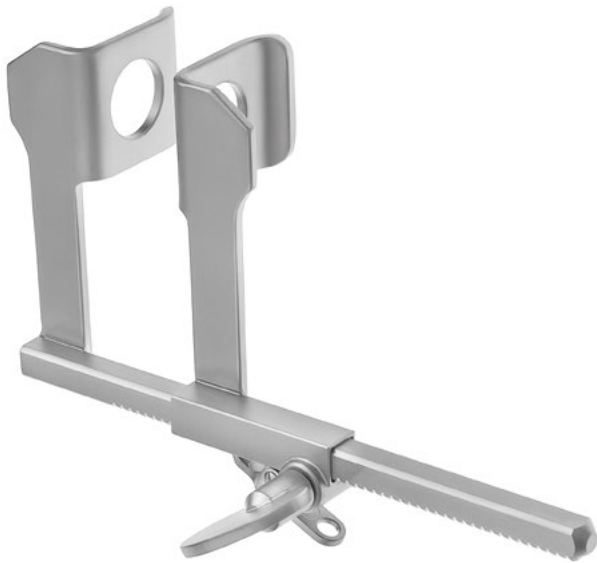
COOLEY CLARKE

Rib Spreader, Infants

70 x 15 x 10mm (length/width/depth)

65mm spread 290-160-010





HAIGHT BABY

Rib Spreader

73 x 35 x 31.5mm (length/width/depth)

90mm spread 290-168-050



COOLEY

Rib Spreader, Aluminium, Children, with points

77 x 20.5 x 17mm (length/width/depth)

97mm spread 290-160-000



COOLEY

Rib Spreader, Aluminium, Children

58 x 17 x 11mm (length/width/depth)

74mm spread 290-160-001

80 x 30 x 17mm (length/width/depth)

101mm spread 290-160-002



ANKENEY

Rib Spreader, Aluminium, 4 fixed swivel valves
114 x 19 x 23mm (length/width/depth)

139mm spread 290-177-000



RIENHOFF

Rib Spreader
116 x 33 x 30mm (length/width/depth)

140mm spread 290-169-000

146 x 45 x 47mm (length/width/depth)

140mm spread 290-169-010



BADGLEY

Rib Spreader, 4 prongs

108 x 45 x 50mm (length/width/depth)

165mm spread 170-905-000



FINOCHIETTO

Rib Spreader, curved arms, circular fenestration

111 x 32 x 28mm (length/width/depth)

150mm spread 290-181-180



MORSE

Rib Spreader, Children, movable valves

125 x 22 x 15mm (length/width/depth)

154mm spread 290-300-300

148 x 29 x 23mm (length/width/depth)

212mm spread 290-300-400



DEBAKEY

Rib Spreader, Children, incl. 3 paired valves

144mm length

152mm spread 290-180-001

Spare Valves

30 x 30mm (width/depth)

290-180-030

40 x 40mm (width/depth)

290-180-040

50 x 50mm (width/depth)

290-180-050



TUFFIER

Rib Spreader, toothed valves
180 x 45 x 48mm (length/width/depth)

178mm spread 290-174-000

serrated valves

180 x 45 x 48mm (length/width/depth)

178mm spread 290-174-010



COOLEY

Rib Spreader,
112 x 46 x 25mm (length/width/depth)

137mm spread 290-160-003

140 x 52 x 34mm (length/width/depth)

170mm spread 290-160-004

158 x 102 x 29mm (length/width/depth)

194mm spread 290-160-005



BURFORD

Rib Spreader, Children, incl. 4 paired valves
108mm length

157mm spread 290-181-020

Spare Valves
44 x 47mm (width/depth)

290-181-021

45 x 31mm (width/depth)

290-181-022

33 x 30mm (width/depth)

290-181-023

23 x 22mm (width/depth)

290-181-024



BURFORD-FINOCHIETTO

Rib Spreader, Aluminium, incl. 2 paired valves
113mm length

135mm spread 290-164-000

Spare Valves, paired
42 x 34mm (width/depth)

290-165-102

42 x 48mm (width/depth)

290-165-103

DUBOST

Rib Spreader, incl. 3 paired valves
140mm length

160mm spread	290-186-010
--------------	-------------

Spare Valves, paired
100 x 30mm (width/depth)

290-186-011

100 x 40mm (width/depth)

290-186-012

100 x 50mm (width/depth)

290-186-013

DUBOST

Rib Spreader, incl. 3 pair valves,
fixation and Mammary valve
140mm length

160mm spread	290-186-000
--------------	-------------

Spare Valves, paired
100 x 30mm (width/depth)

290-186-011

Spare Valves, paired
100 x 40mm (width/depth)

290-186-012

Spare Valves, paired
100 x 50mm (width/depth)

290-186-013



DEBAKEY

Rib Spreader, incl. 3 paired valves
153mm length

192mm spread 290-185-220

Spare Valves, paired
30 x 30mm (width/depth)

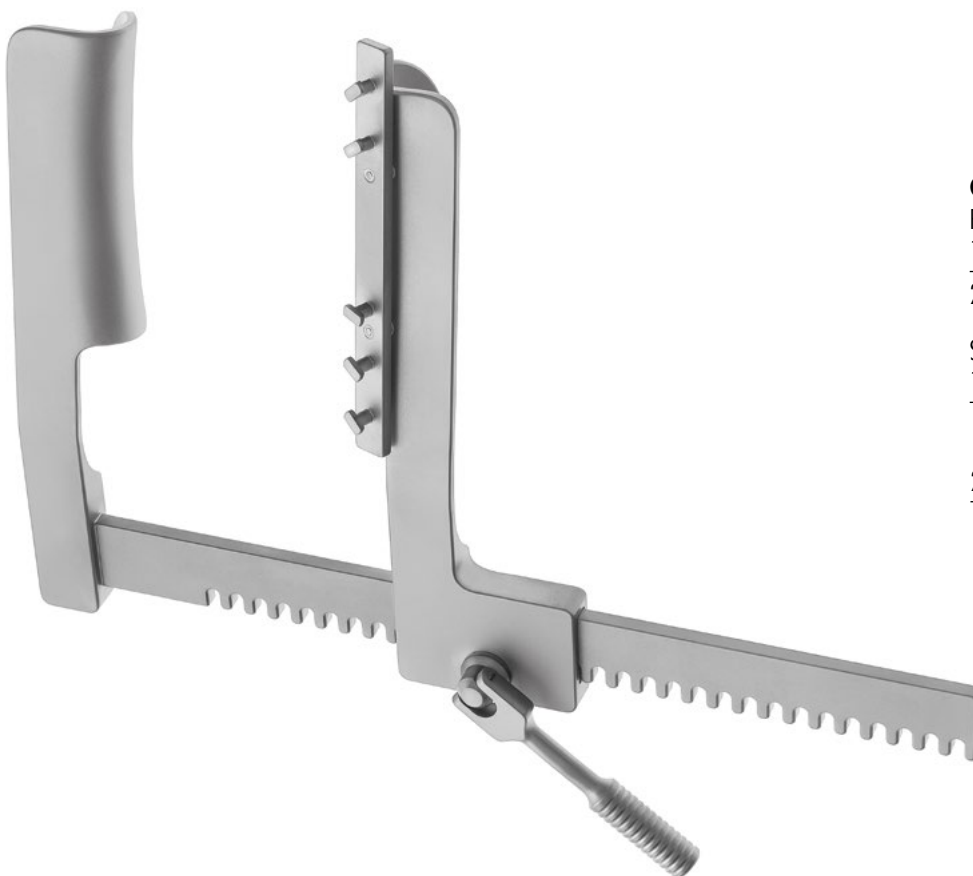
290-185-030

40 x 40mm (width/depth)

290-185-040

50 x 50mm (width/depth)

290-185-050



CARPENTIER

Rib Spreader, incl. 2 paired sternal valves
165 x 100 x 36mm (length/width/depth)

200mm spread 290-188-000

Spare Valves, paired
15 x 25mm (width/depth)

290-188-001

25 x 25mm (width/depth)

290-188-002



FINOCHIETTO

Rib Spreader, curved arms

130 x 45 x 40mm (length/width/depth)

148mm spread 290-178-165

180 x 65 x 50mm (length/width/depth)

200mm spread 290-178-200

180 x 65 x 70mm (length/width/depth)

250mm spread 290-178-250

180 x 65 x 50mm (length/width/depth)

265mm spread 290-179-255

180 x 65 x 50mm (length/width/depth)

310mm spread 290-179-310



straight arms

FINOCHIETTO

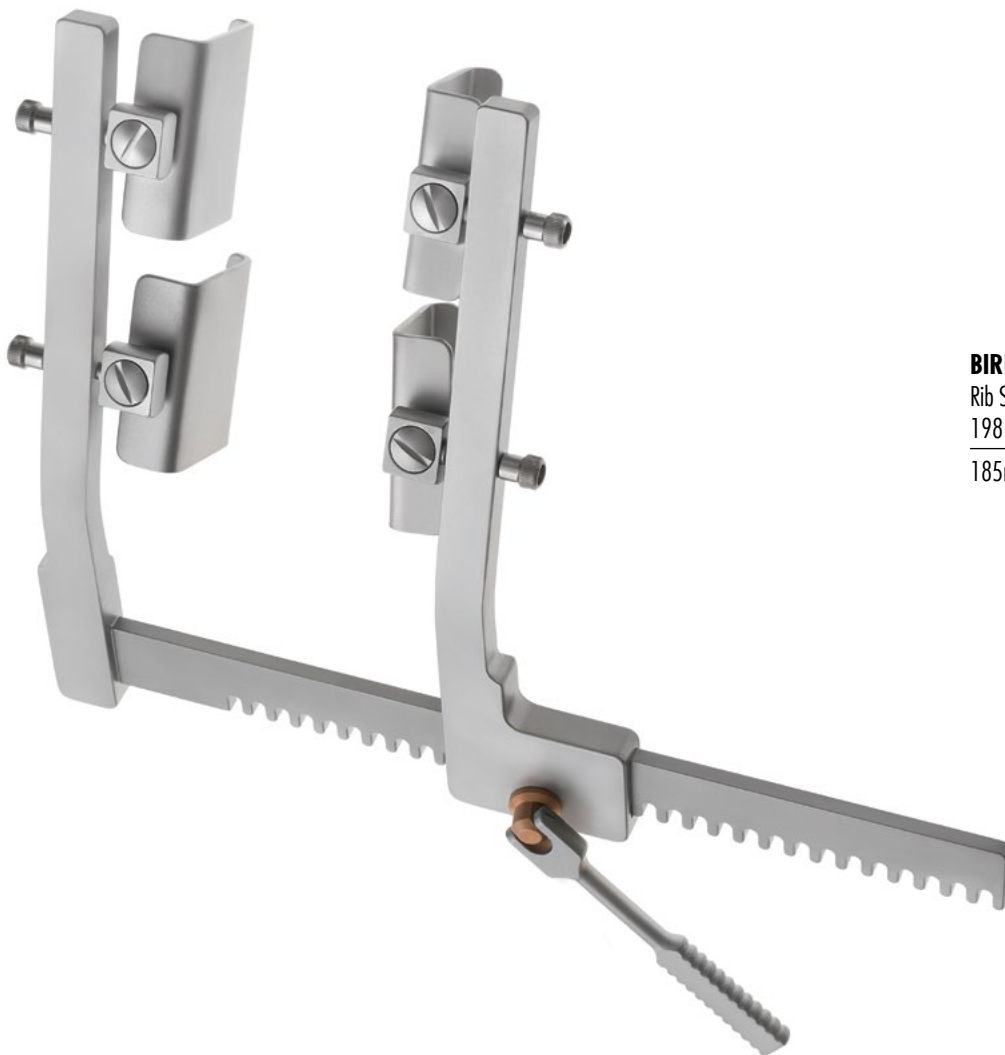
Rib Spreader, straight arms

186 x 66 x 51mm (length/width/depth)

200mm spread 290-177-200

265mm spread 290-177-255

310mm spread 290-177-310



BIRNBAUM

Rib Spreader, movable blades

198 x 60 x 40mm (length/width/depth)

185mm spread

290-189-000



IMA FRENCH

Rib Spreader, incl. 3 paired valves
150mm length

290-184-020

Spare Valves, paired
50 x 22mm (width/depth)

290-184-021

40 x 22mm (width/depth)

290-184-022

100mm width

290-184-023



DEBAKEY

Rib Spreader, incl. 3 paired valves
170mm length

240mm spread 290-185-285

Spare Valves, paired
60 x 60mm (width/depth)

290-181-060

80 x 50mm (width/depth)

290-181-050

100 x 40mm (width/depth)

290-181-040



FAVALORO MORSE

Rib Spreader, movable valves

205 x 29 x 38mm (length/width/depth)

212mm spread 290-310-000

PACIFICO MORSE

Rib Spreader, with 2 pair valves

148 x 29 x 23mm (length/width/depth)

170mm spread 290-300-150

Spare Valves

29 x 34mm (width/depth)



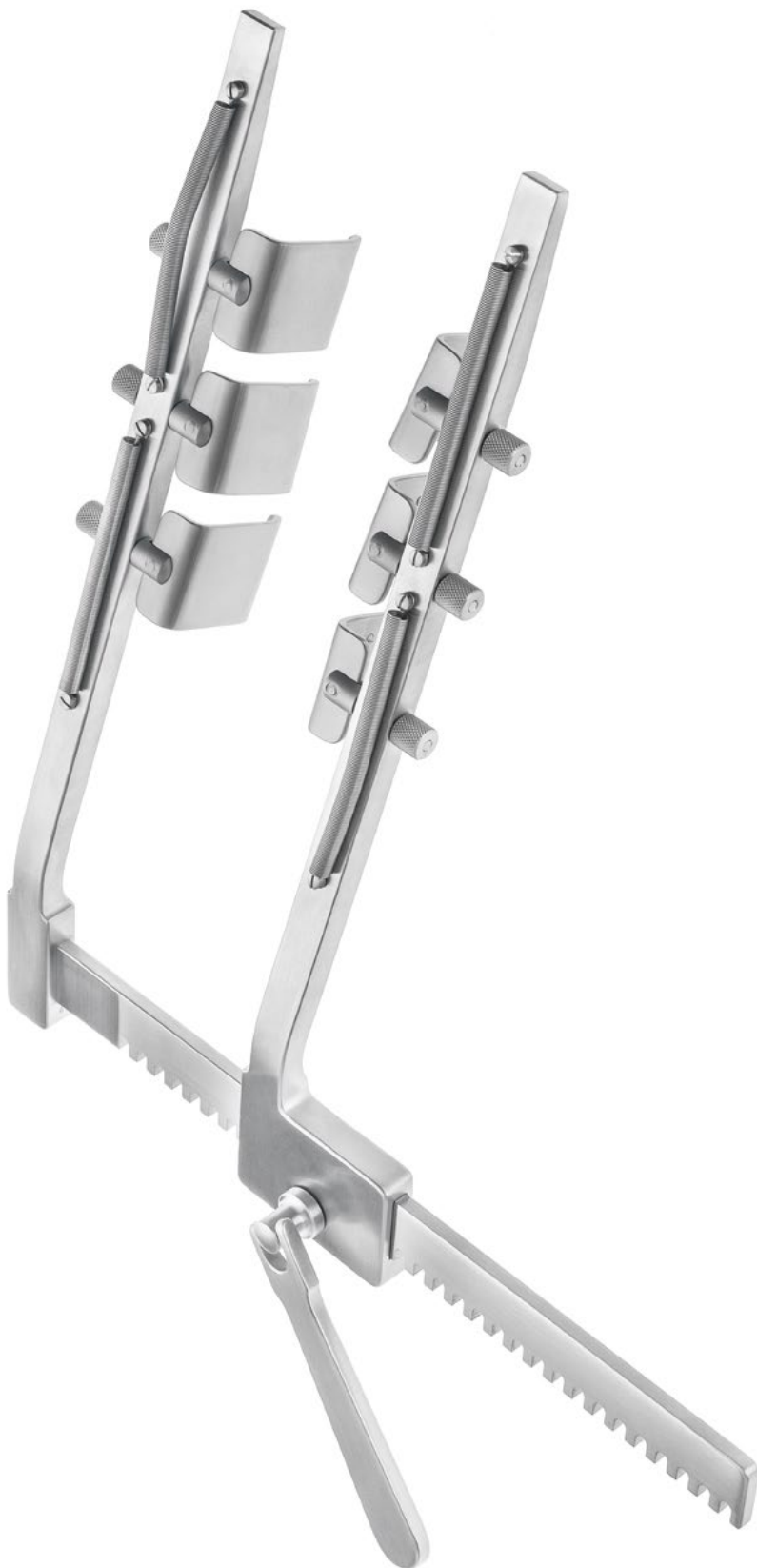
HARKEN

Rib Spreader, incl. 1 paired valves
210mm length, 65 x 44mm

280mm spread 290-183-000

Spare Valves, paired
50 x 47mm (width/depth)

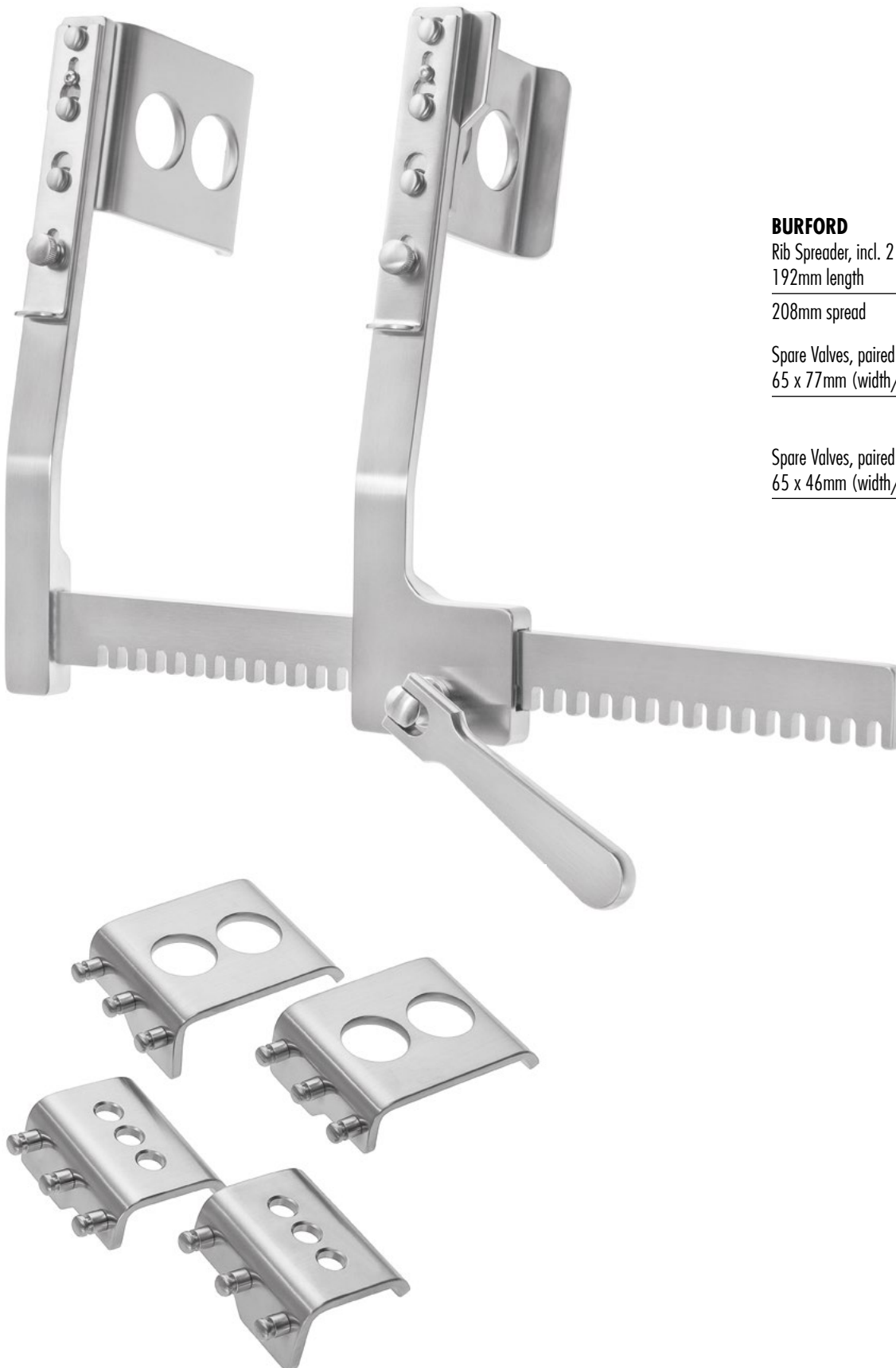
290-183-001

**ANKENEY**

Rib Spreader, Adult, 6 fixed swivel valves
289 x 35 x 35mm (length/width/depth)

195mm spread

290-178-000



BURFORD

Rib Spreader, incl. 2 pair valves
192mm length

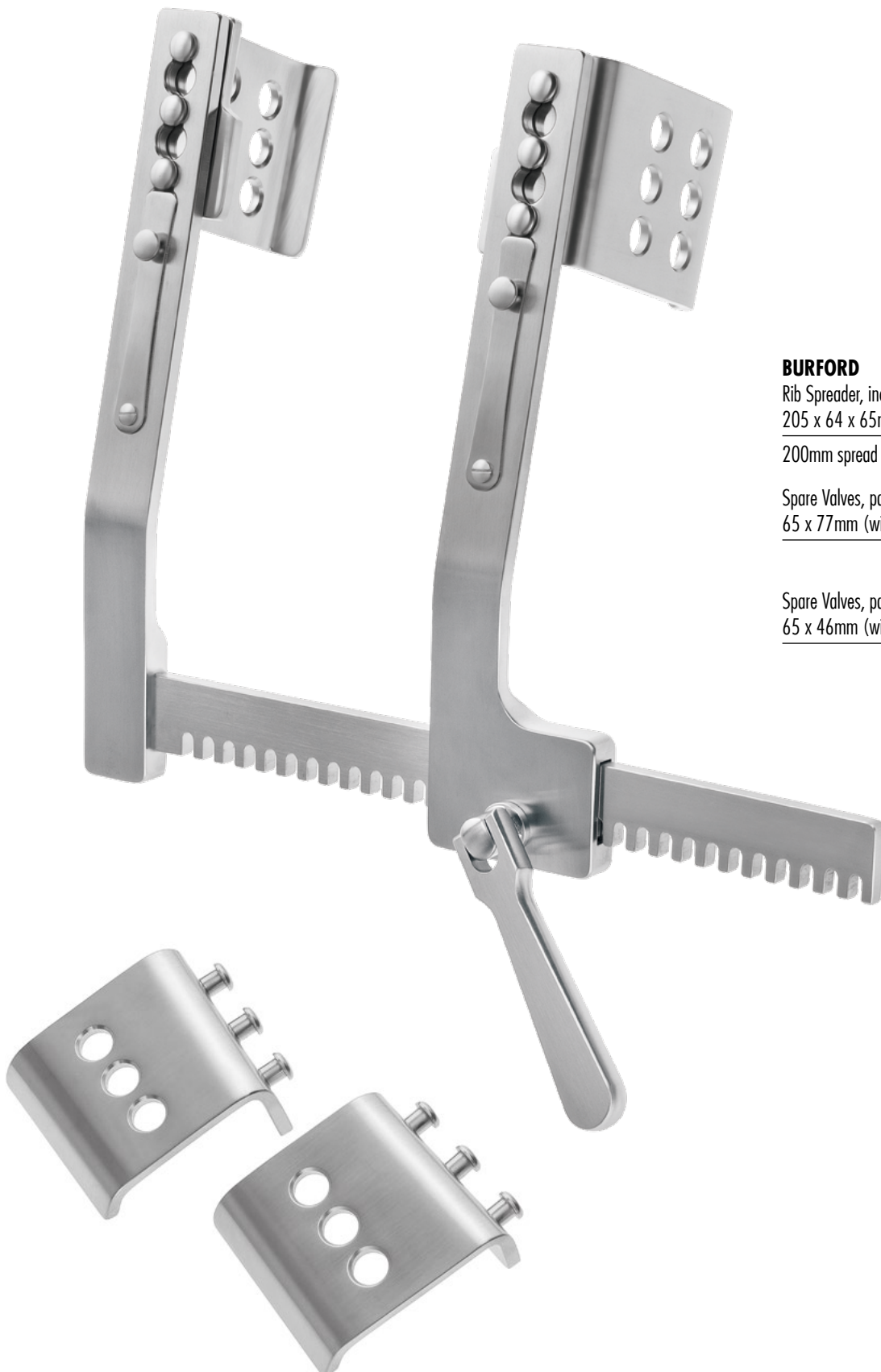
208mm spread 290-181-000

Spare Valves, paired
65 x 77mm (width/depth)

290-181-001

Spare Valves, paired
65 x 46mm (width/depth)

290-181-002



BURFORD

Rib Spreader, incl. 2 pair valves
205 x 64 x 65mm (length/width/depth)

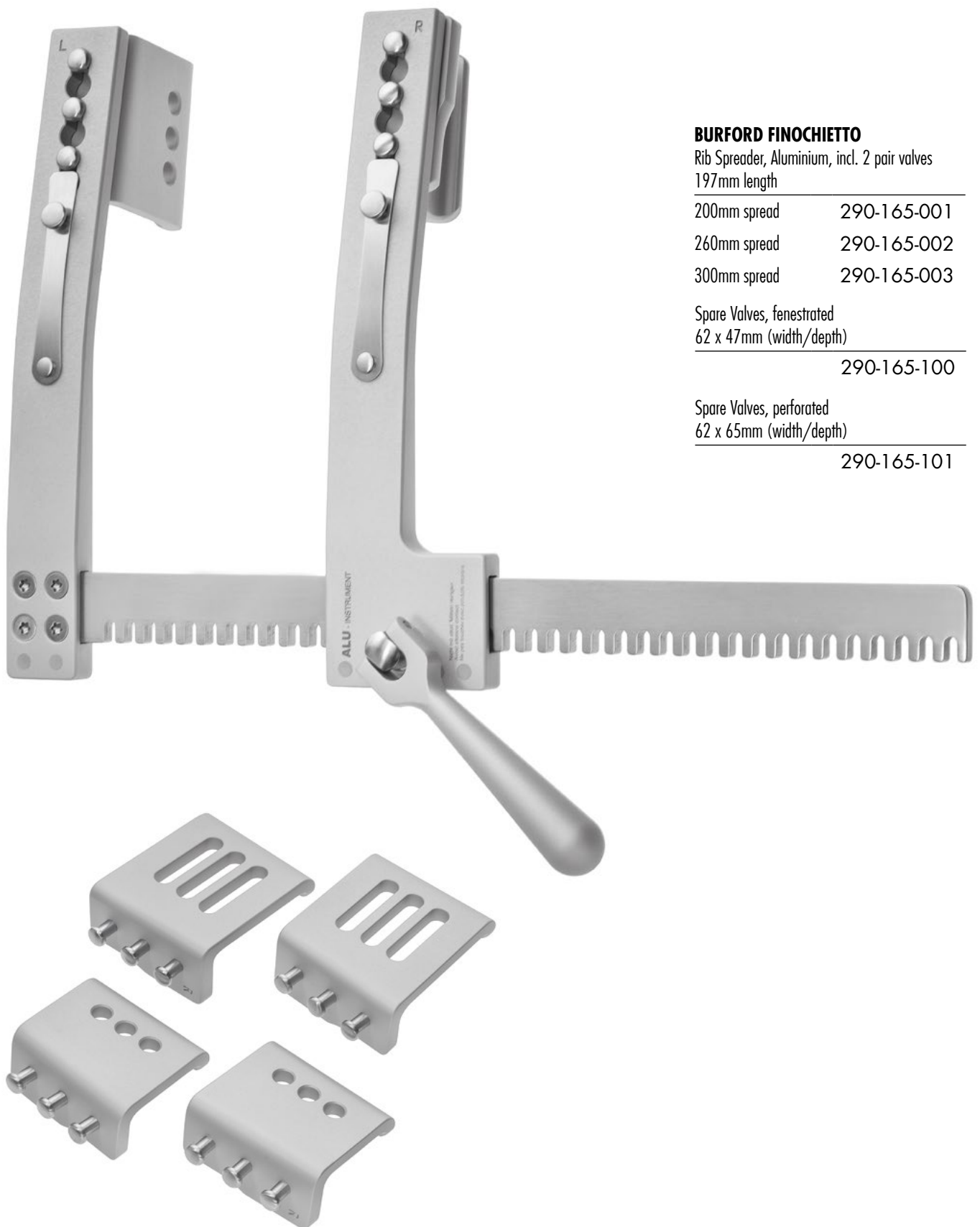
200mm spread 290-181-010

Spare Valves, paired
65 x 77mm (width/depth)

290-181-011

Spare Valves, paired
65 x 46mm (width/depth)

290-181-012



BURFORD FINOCHIETTO

Rib Spreader, Aluminium, incl. 2 pair valves
197mm length

200mm spread 290-165-001

260mm spread 290-165-002

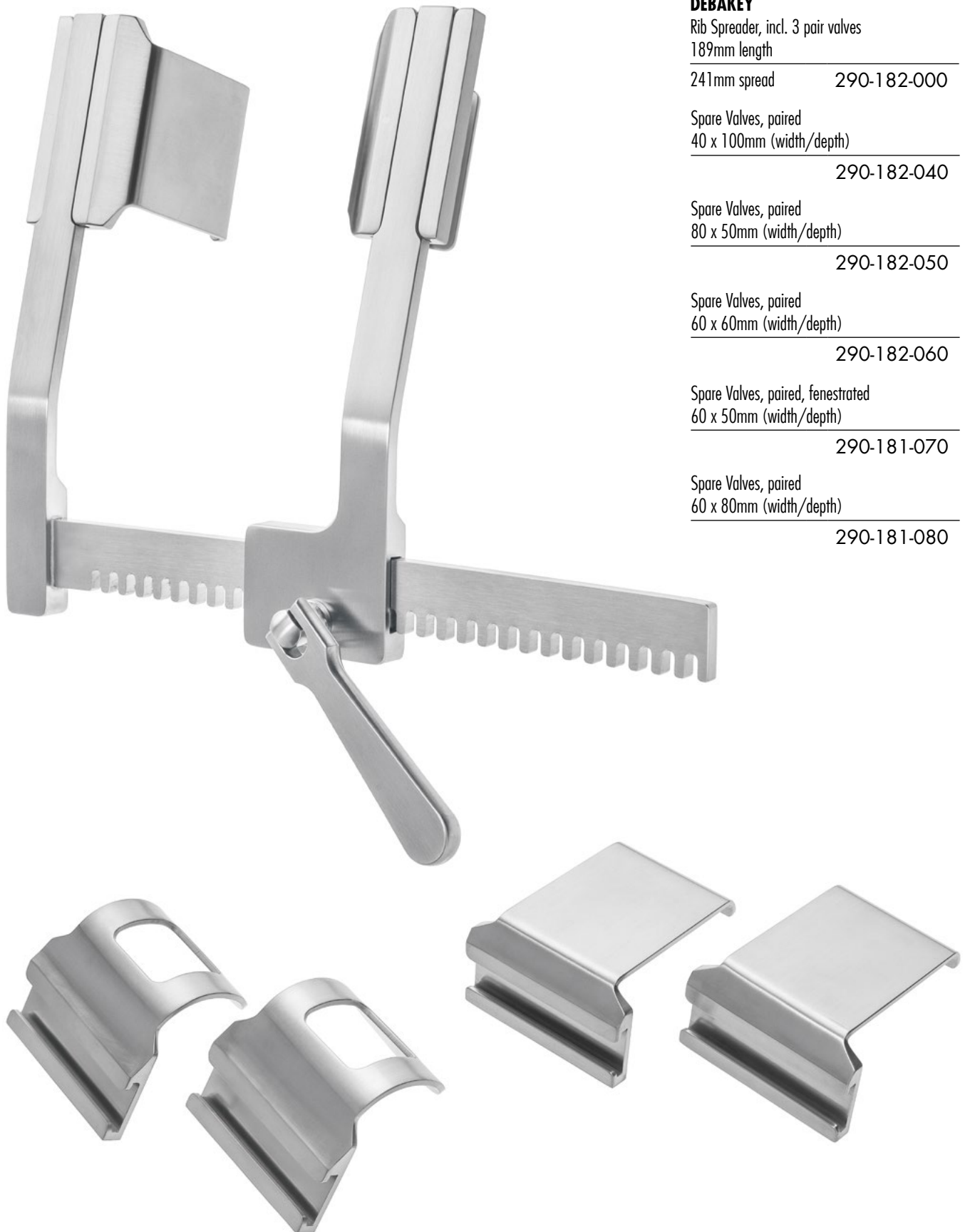
300mm spread 290-165-003

Spare Valves, fenestrated
62 x 47mm (width/depth)

290-165-100

Spare Valves, perforated
62 x 65mm (width/depth)

290-165-101



DEBAKEY

Rib Spreader, incl. 3 pair valves
189mm length

241mm spread 290-182-000

Spare Valves, paired
40 x 100mm (width/depth)

290-182-040

Spare Valves, paired
80 x 50mm (width/depth)

290-182-050

Spare Valves, paired
60 x 60mm (width/depth)

290-182-060

Spare Valves, paired, fenestrated
60 x 50mm (width/depth)

290-181-070

Spare Valves, paired
60 x 80mm (width/depth)

290-181-080

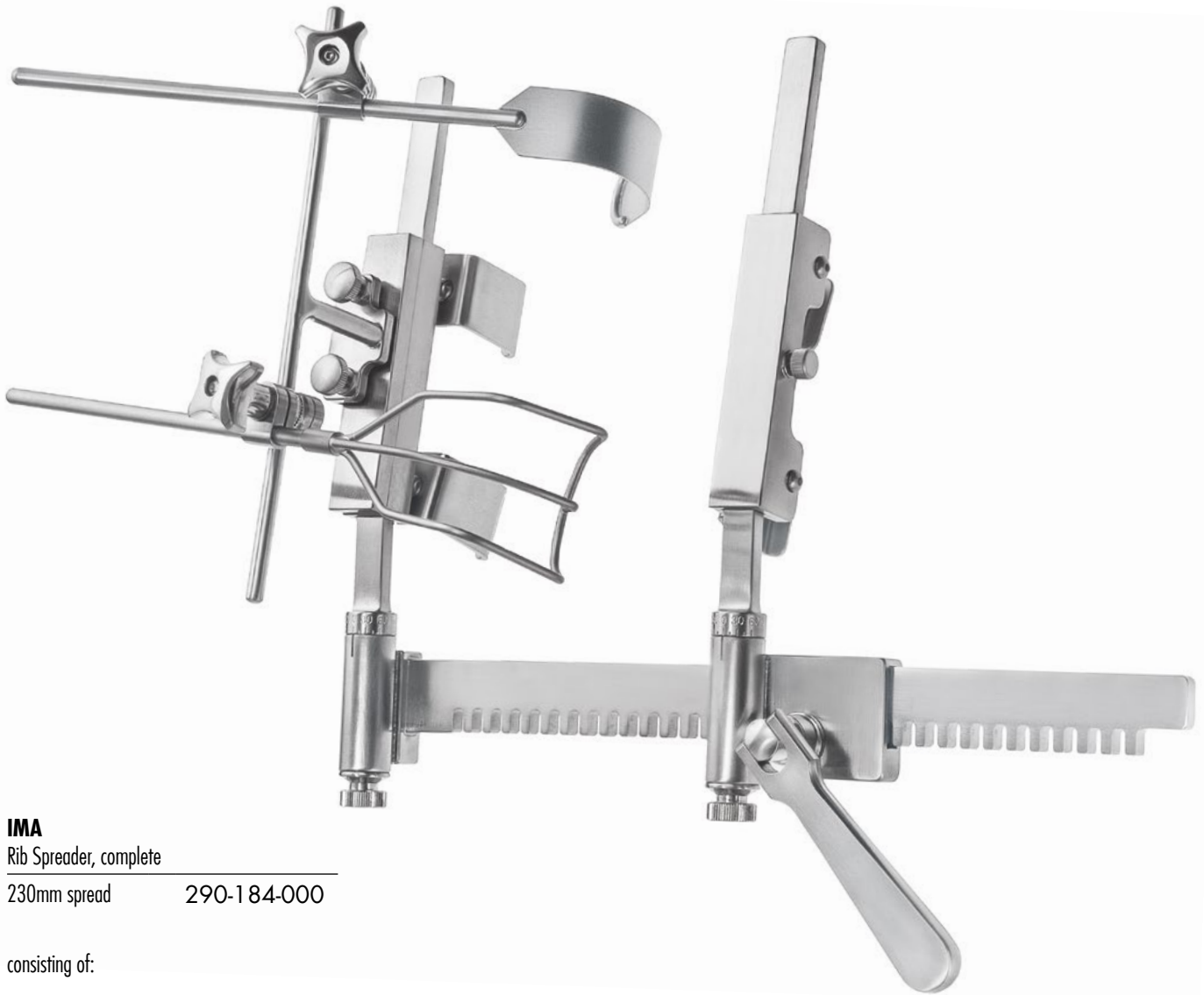


IMA

Rib Spreader, complete with Mammary blade
195 x 150 x 50mm (length/width/depth)

134mm spread

290-184-010



IMA

Rib Spreader, complete

230mm spread 290-184-000

consisting of:

Double fixation valves

290-184-001

Double fixation valves with notch

290-184-002

T-Clamp

290-184-003

Universal Clamp

290-184-004

COOLEY

Valve Retractor

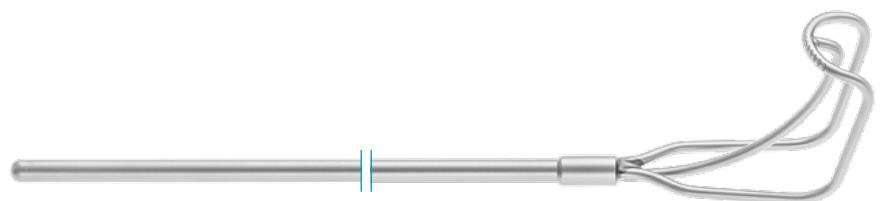
small, 25mm 290-184-005

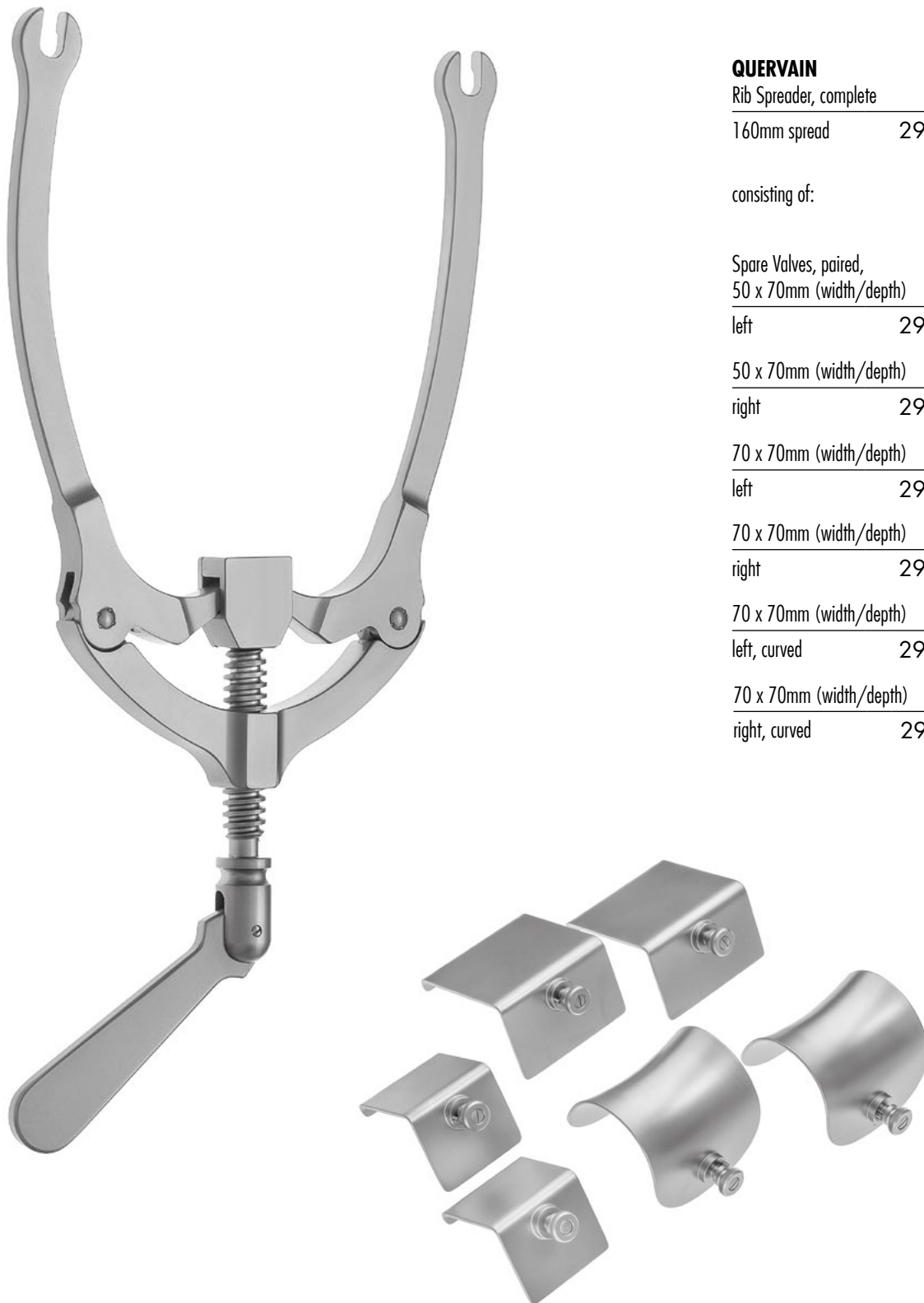
medium, 40mm 290-184-006

large, 50mm 290-184-007

Ribbon malleable valve

290-184-008





QUERVAIN

Rib Spreader, complete

160mm spread	290-190-000
--------------	-------------

consisting of:

Spare Valves, paired,
50 x 70mm (width/depth)

left	290-190-001
------	-------------

50 x 70mm (width/depth)

right	290-190-002
-------	-------------

70 x 70mm (width/depth)

left	290-190-003
------	-------------

70 x 70mm (width/depth)

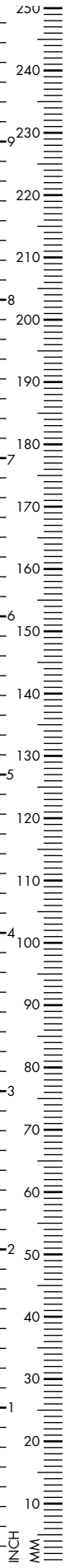
right	290-190-004
-------	-------------

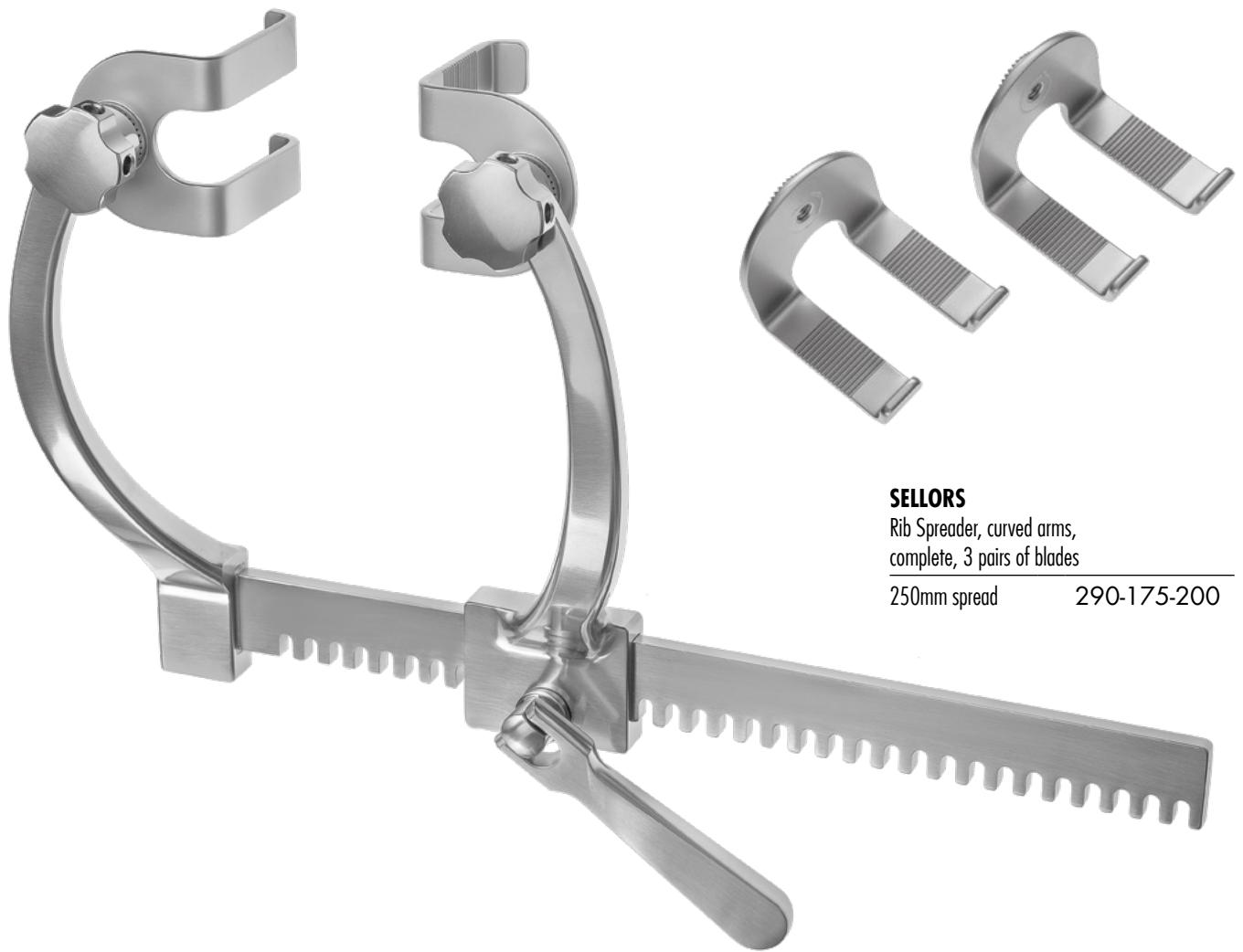
70 x 70mm (width/depth)

left, curved	290-190-005
--------------	-------------

70 x 70mm (width/depth)

right, curved	290-190-006
---------------	-------------





SELLORS

Rib Spreader, curved arms,
complete, 3 pairs of blades

250mm spread

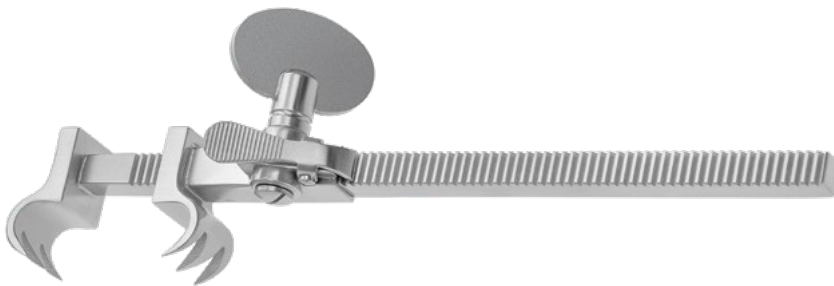
290-175-200



BAILEY BABY

Rib Contractor, 3 prongs, 18mm depth

140mm length 290-501-140



BAILEY

Rib Contractor, 3 prongs, 19mm depth

180mm length 290-502-160



BAILEY GIBBON

Rib Contractor, 3 prongs, 29mm depth

180mm length 290-503-160



LEMMON

Rib Contractor, Children

145mm length 290-504-140

Adults

180mm length 290-504-180

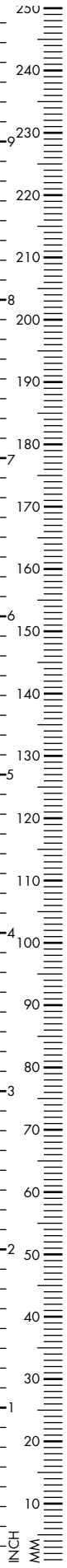




Fig. 1



Fig. 2



Fig. 3



Fig. 1



Fig. 2



Fig. 3



Fig. 4



ÖSCH

Phlebectomy Hook, right handed

Fig. 1	290-150-501
Fig. 2	290-150-502
Fig. 3	290-150-503
Set	290-150-500

left handed

Fig. 1	290-150-601
Fig. 2	290-150-602
Fig. 3	290-150-603
Set	290-150-600

MÜLLER

Phlebectomy Hook, right handed

Fig. 1	290-150-001
Fig. 2	290-150-002
Fig. 3	290-150-003
Fig. 4	290-150-004
Set	290-150-000

Phlebectomy Hook, left handed

Fig. 1	290-150-101
Fig. 2	290-150-102
Fig. 3	290-150-103
Fig. 4	290-150-104
Set	290-150-000

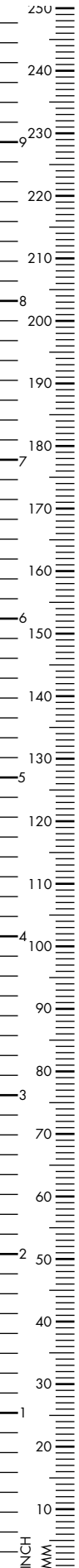


Fig. 1

Fig. 2

Fig. 3



Fig. 1

Fig. 2



A

B

LOEPRECHT

Phlebectomy Hook and Spatula

2.0mm wide spatula with small hook

Fig. 1 160-253-001

2.5mm wide spatula with medium hook

Fig. 2 160-253-002

3.0mm wide spatula with large hook

Fig. 3 160-253-003

VARADY

Phlebectomy Dissector

180mm, 7" 160-252-001

Phleboextractor, with hook 180mm, 7"

Fig. 1 160-252-002

Fig. 2 160-252-003

VARADY

Micro Spatula

175mm, 6⁷/₈" 160-252-004

VARADY

Micro Phlebextractor, 170mm, 6²/₃"

A 160-252-005

B 160-252-006

Set 160-252-000



Probe, malleable

400mm, 15 ³ / ₄ "	160-210-400
500mm, 19 ³ / ₄ "	160-210-500
650mm, 25 ¹ / ₂ "	160-210-650
800mm, 31 ¹ / ₂ "	160-210-800



NABATOFF

Vein Stripper Set consisting of:

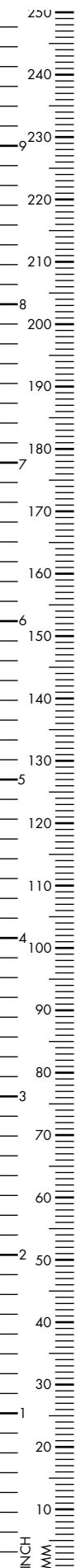
Probe tip, plastic	160-250-002
Stripper head, 3mm	160-250-003
Stripper head, 6mm	160-250-006
Stripper head, 9mm	160-250-009
Stripper head, 12mm	160-250-012
T-Handle	160-250-080
Sterilization Box	160-250-095
Set complete	160-250-000



MYERS

Vein Stripper

Ø 6mm	160-245-006
Ø 9mm	160-245-009
Ø 12.5mm	160-245-125
Ø 16mm	160-245-016



Vessel Probes, 110mm, 4¹/₃"

Ø 0.5mm	290-704-105
Ø 1.0mm	290-704-110
Ø 1.5mm	290-704-115
Ø 2.0mm	290-704-120
Ø 2.5mm	290-704-125
Ø 3.0mm	290-704-130
Ø 3.5mm	290-704-135

Set

290-704-100

140mm, 5¹/₂"

Ø 0.5mm	290-704-405
Ø 1.0mm	290-704-410
Ø 1.5mm	290-704-415
Ø 2.0mm	290-704-420
Ø 2.5mm	290-704-425
Ø 3.0mm	290-704-430
Ø 3.5mm	290-704-435

Set

290-704-200

210mm, 8¹/₄"

Ø 0.5mm	290-704-205
Ø 1.0mm	290-704-210
Ø 1.5mm	290-704-215
Ø 2.0mm	290-704-220
Ø 2.5mm	290-704-225
Ø 3.0mm	290-704-230
Ø 3.5mm	290-704-235

Set

290-704-300



GARRETT

Vascular Dilator, malleable, Ø 0.5mm

140mm, 5 ¹ / ₂ "	290-195-105
210mm, 8 ¹ / ₄ "	290-195-000
190mm, 7 ¹ / ₂ "	290-195-205
350mm, 14"	290-195-305

Ø 1.0mm

140mm, 5 ¹ / ₂ "	290-195-110
210mm, 8 ¹ / ₄ "	290-195-010
190mm, 7 ¹ / ₂ "	290-195-210
350mm, 14"	290-195-310

Ø 1.5mm

140mm, 5 ¹ / ₂ "	290-195-115
210mm, 8 ¹ / ₄ "	290-195-015
190mm, 7 ¹ / ₂ "	290-195-215
350mm, 14"	290-195-315

Ø 2.0mm

140mm, 5 ¹ / ₂ "	290-195-120
210mm, 8 ¹ / ₄ "	290-195-020
190mm, 7 ¹ / ₂ "	290-195-220
350mm, 14"	290-195-320

Ø 2.5mm

140mm, 5 ¹ / ₂ "	290-195-125
210mm, 8 ¹ / ₄ "	290-195-025
190mm, 7 ¹ / ₂ "	290-195-225
350mm, 14"	290-195-325

Ø 3.0mm

140mm, 5 ¹ / ₂ "	290-195-130
210mm, 8 ¹ / ₄ "	290-195-030
190mm, 7 ¹ / ₂ "	290-195-230
350mm, 14"	290-195-330

Ø 3.5mm

140mm, 5 ¹ / ₂ "	290-195-135
210mm, 8 ¹ / ₄ "	290-195-035
190mm, 7 ¹ / ₂ "	290-195-235
350mm, 14"	290-195-335

Ø 4.0mm

140mm, 5 ¹ / ₂ "	290-195-140
210mm, 8 ¹ / ₄ "	290-195-040
190mm, 7 ¹ / ₂ "	290-195-240
350mm, 14"	290-195-340

Ø 4.5mm

140mm, 5 ¹ / ₂ "	290-195-145
210mm, 8 ¹ / ₄ "	290-195-045
190mm, 7 ¹ / ₂ "	290-195-245
350mm, 14"	290-195-345

Ø 5.0mm

140mm, 5 ¹ / ₂ "	290-195-150
210mm, 8 ¹ / ₄ "	290-195-050
190mm, 7 ¹ / ₂ "	290-195-250
350mm, 14"	290-195-350

Set

140mm, 5 ¹ / ₂ "	290-195-100
210mm, 8 ¹ / ₄ "	290-195-000
190mm, 7 ¹ / ₂ "	290-195-200
350mm, 14"	290-195-300



DEBAKEY

Vascular Dilator, malleable, Ø 0.5mm

190mm, 7¹/₂" 290-705-050

350mm, 14" 290-706-050

Ø 2.0mm

190mm, 7¹/₂" 290-705-200

350mm, 14" 290-706-200

Ø 3.5mm

190mm, 7¹/₂" 290-705-350

350mm, 14" 290-706-350

Ø 5.0mm

190mm, 7¹/₂" 290-705-500

350mm, 14" 290-706-500

Ø 1.0mm

190mm, 7¹/₂" 290-705-100

350mm, 14" 290-706-100

Ø 2.5mm

190mm, 7¹/₂" 290-705-250

350mm, 14" 290-706-250

Ø 4.0mm

190mm, 7¹/₂" 290-705-400

350mm, 14" 290-706-400

Ø 7.0mm

190mm, 7¹/₂" 290-705-700

350mm, 14" 290-706-700

Ø 1.5mm

190mm, 7¹/₂" 290-705-150

350mm, 14" 290-706-150

Ø 3.0mm

190mm, 7¹/₂" 290-705-300

350mm, 14" 290-706-300

Ø 4.5mm

190mm, 7¹/₂" 290-705-450

350mm, 14" 290-706-450

Ø 9.0mm

190mm, 7¹/₂" 290-705-900

350mm, 14" 290-706-900



COOLEY

Vascular Dilator, malleable, Ø 0.5mm

130mm, 5¹/₈" 290-703-005

190mm, 7¹/₂" 290-703-105

Ø 2.0mm

130mm, 5¹/₈" 290-703-020

190mm, 7¹/₂" 290-703-120

Ø 4.0mm

130mm, 5¹/₈" 290-703-040

190mm, 7¹/₂" 290-703-140

Ø 1.0mm

130mm, 5¹/₈" 290-703-010

190mm, 7¹/₂" 290-703-110

Ø 2.5mm

130mm, 5¹/₈" 290-703-025

190mm, 7¹/₂" 290-703-125

Ø 5.0mm

130mm, 5¹/₈" 290-703-050

190mm, 7¹/₂" 290-703-150

Ø 1.5mm

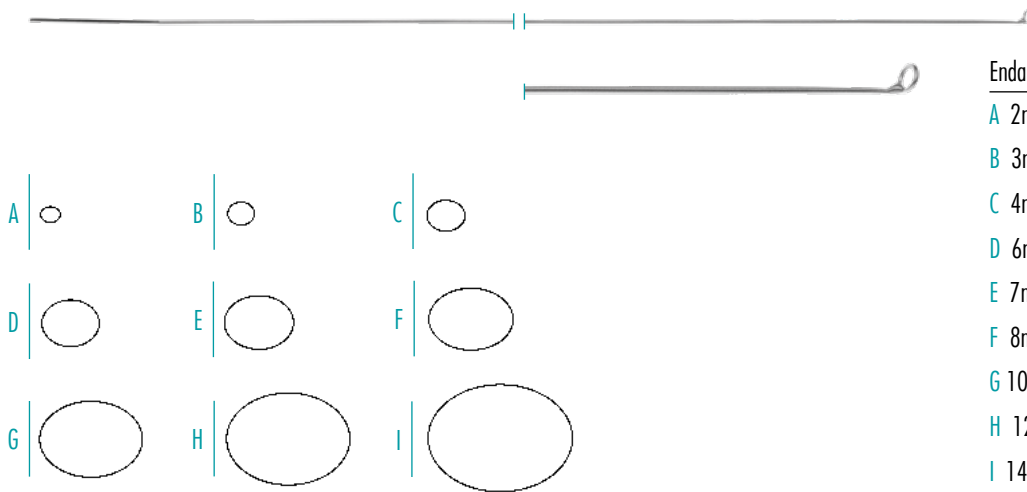
130mm, 5¹/₈" 290-703-015

190mm, 7¹/₂" 290-703-115

Ø 3.0mm

130mm, 5¹/₈" 290-703-030

190mm, 7¹/₂" 290-703-130



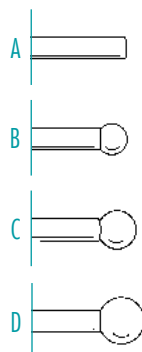
Endarterectomy Stripper, 550mm, 22"

A	2mm	160-251-002
B	3mm	160-251-003
C	4mm	160-251-004
D	6mm	160-251-006
E	7mm	160-251-007
F	8mm	160-251-008
G	10mm	160-251-010
H	12mm	160-251-012
I	14mm	160-251-014



Handle for Endarterectomy Stripper

160-251-030



SCHMID

Vessel irrigating cannula, malleable

A	Ø 3mm	165-700-003
B	Ø 4mm	165-700-004
C	Ø 5mm	165-700-005
D	Ø 6mm	165-700-006



Cannula, venous

18G x 3 ¹ / ₈ "	165-705-120
(1.2 x 80mm)	
17G x 3 ¹ / ₈ "	165-705-150
(1.5 x 80mm)	



MOCK

Heparin Flushing Needle

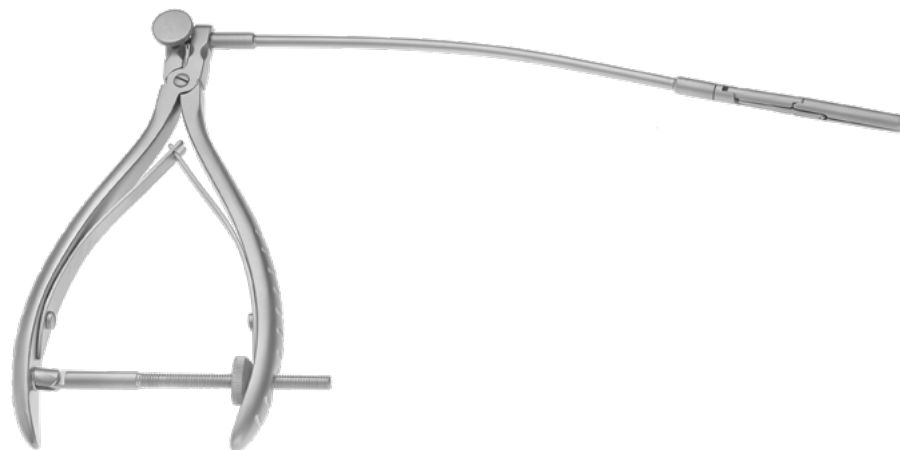
60mm, 2 ³ / ₈ "	165-710-060
---------------------------------------	-------------



TUBBS

Dilator, adult size
for mitral valve blade opening 8-42mm

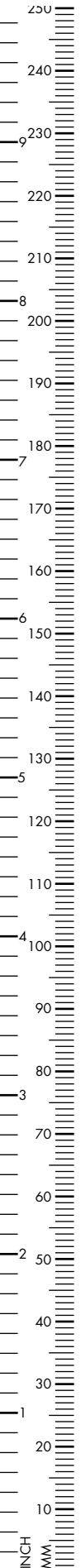
290-482-000

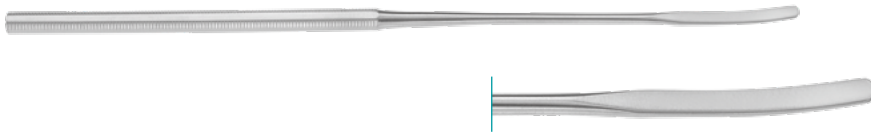


COOLEY

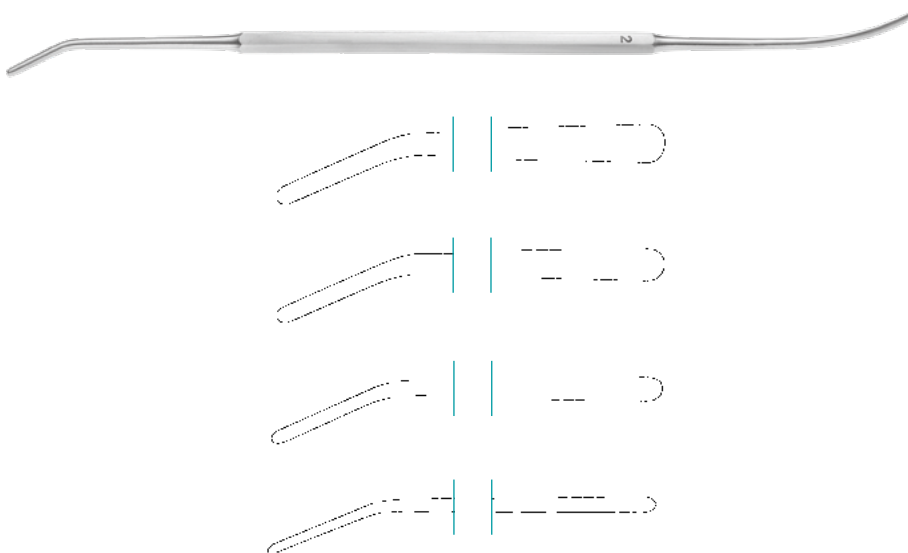
Dilator, child size

290-484-000





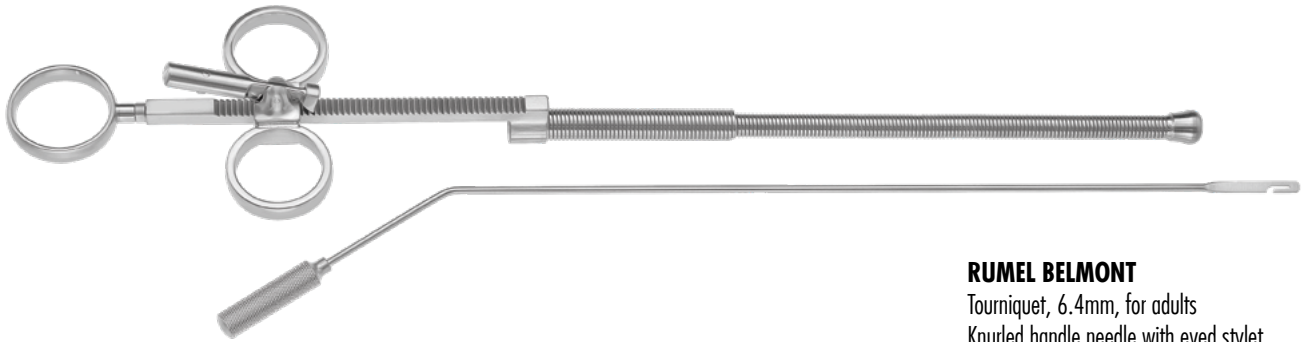
Intima Spatula, 3mm	
180mm, 7"	290-535-180
210mm, 8 ¹ / ₄ "	290-535-210
4mm	
140mm, 5 ¹ / ₂ "	290-537-140
5.5mm	
240mm, 9 ¹ / ₂ "	290-537-240



ROBB	
Dissector, 240mm, 9 ¹ / ₂ "	
Fig. 1, 5 / 2.5mm	290-539-001
Fig. 2, 4 / 2.0mm	290-539-002
Fig. 3, 3 / 1.5mm	290-539-003
Fig. 4, 2 / 1.0mm	290-539-004



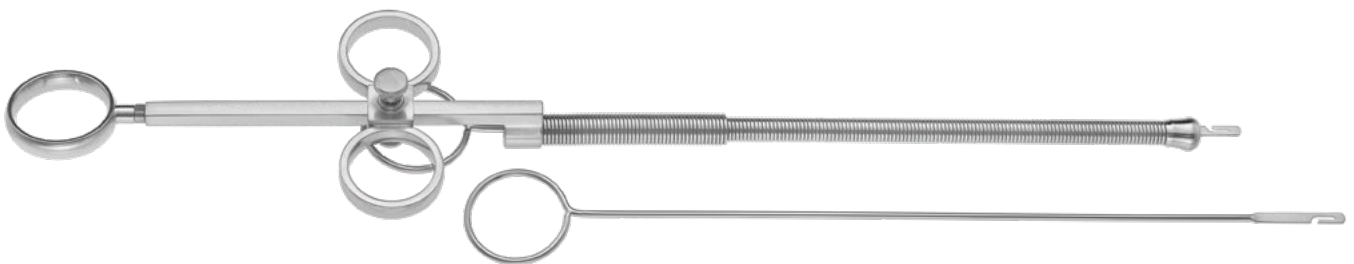
LEMMON	
Intima Dissector, 165mm, 6 ¹ / ₂ "	
4mm wide	290-707-165
8mm wide	290-708-165
15mm wide	290-709-165



RUMEL BELMONT

Tourniquet, 6.4mm, for adults
Knurled handle needle with eyed stylet

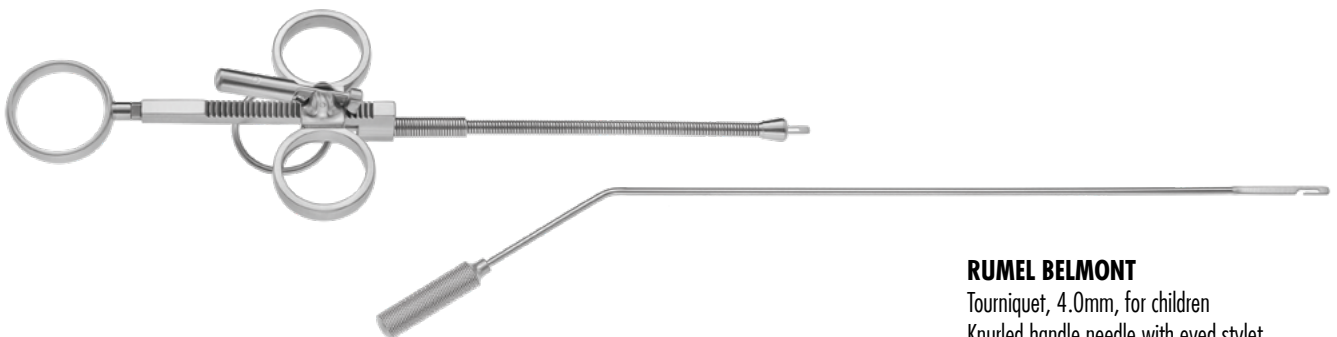
complete	290-558-330
Stylet	290-558-331



RUMEL BELMONT

Tourniquet, 6.5mm, for adults, flexible,
without ratchet,
Ring handle needle with eyed stylet

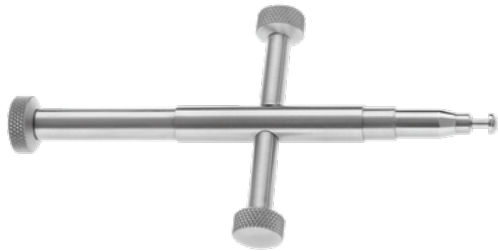
complete	290-564-305
Stylet	290-564-306



RUMEL BELMONT

Tourniquet, 4.0mm, for children
Knurled handle needle with eyed stylet

complete	290-556-330
Stylet	290-556-331



Aortic Punch
120mm, 4³/₄"

Ø 3mm	290-712-030
Ø 4mm	290-712-040
Ø 4.5mm	290-712-045
Ø 5mm	290-712-050
Ø 6mm	290-712-060

150mm, 6"

Ø 3mm	290-715-030
Ø 4mm	290-715-040
Ø 4.5mm	290-715-045
Ø 5mm	290-715-050
Ø 6mm	290-715-060



Nerve and Vessel Hook for valve surgery

A 4.5mm tip length, Ø 1.5mm tip

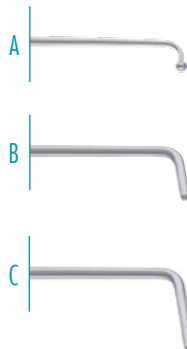
350mm, 14"	295-000-001
------------	-------------

B 5.0mm tip length, Ø 1.0mm tip

350mm, 14"	295-000-002
------------	-------------

C 9.0mm tip length, Ø 1.5mm tip

350mm, 14"	295-000-003
------------	-------------



Nerve and Vessel Hook for valve surgery

A 5.0mm tip length, Ø 3.0mm tip

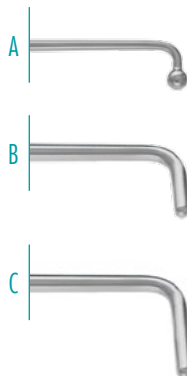
330mm, 13"	295-000-101
------------	-------------

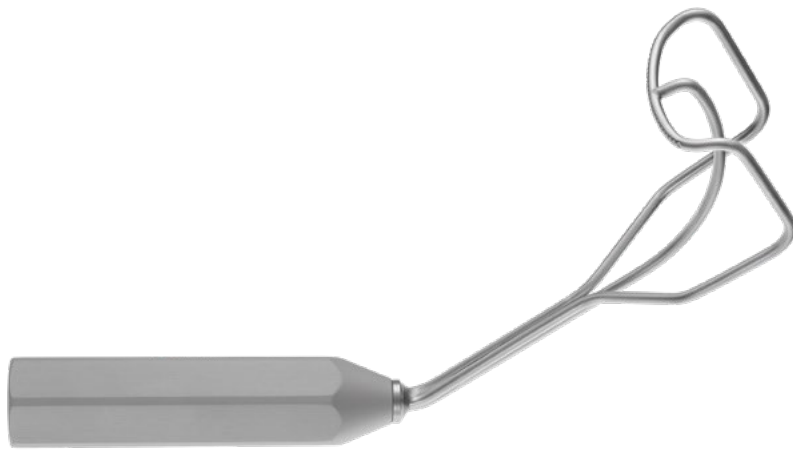
B 5.0mm tip length, Ø 1.4mm tip

330mm, 13"	295-000-102
------------	-------------

C 9.0mm tip length, Ø 2.3mm tip

330mm, 13"	295-000-103
------------	-------------





COOLEY

Atrium Retractor, serrated, Aluminium handle, right

25 x 35mm	290-485-201
40 x 35mm	290-485-202
50 x 35mm	290-485-203

left

50 x 10mm	290-485-204
-----------	-------------



ROSS

Aortic Retractor, 270mm, 10²/₃"

Fig. 1 15 x 16mm	170-475-001
Fig. 2 13 x 23mm	170-475-002
Fig. 3 25 x 18mm	170-475-003
Fig. 4 29 x 13mm	170-475-004
Fig. 5 29 x 29mm	170-475-005
Fig. 6 35 x 21mm	170-475-006



DAVIDSON

Scapular Retractor, 160mm, 6¹/₄"

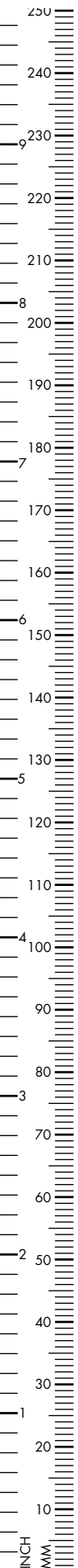
75 x 50mm	170-463-001
75 x 90mm	170-463-002



CORYLLOS

Retractor, 240mm, 9¹/₂"

82 x 22mm	170-461-001
108 x 43mm	170-461-002
115 x 65mm	170-461-003





BOROWSKI

Aortic Valve Retractor, malleable

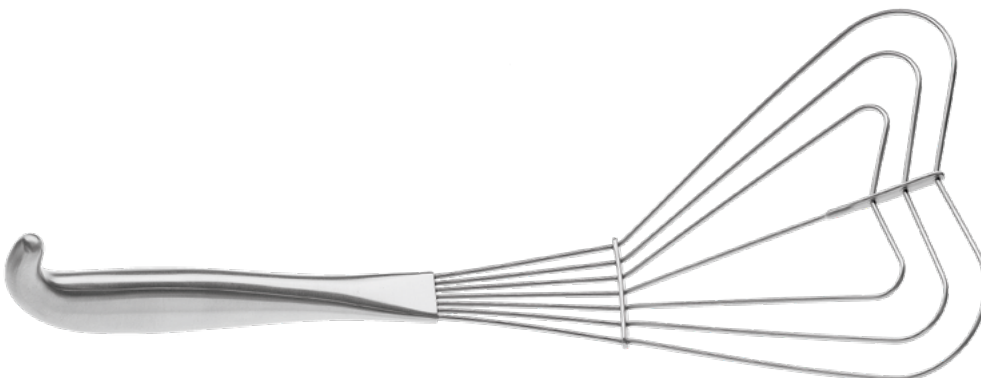
17 x 21mm	290-485-301
16 x 23mm	290-485-302
20 x 25mm	290-485-303
24 x 27mm	290-485-304
28 x 20mm	290-485-305
28 x 29mm	290-485-306



ALLISON

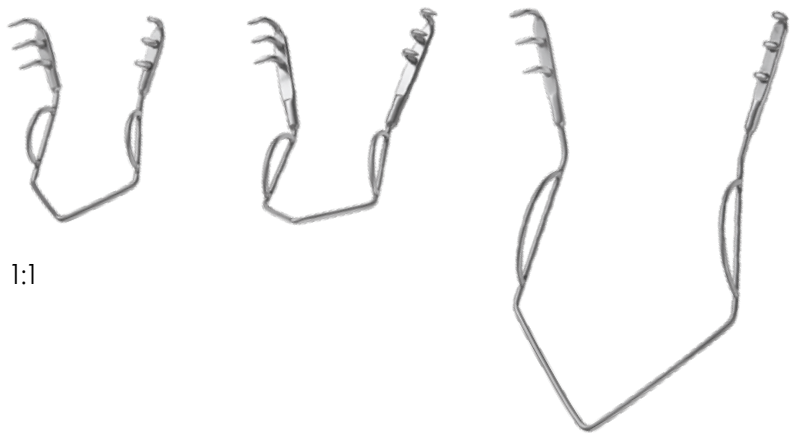
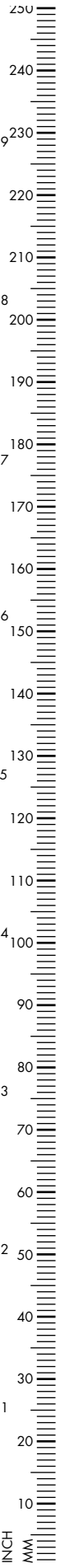
Lung Spatula, 40mm

300mm, 11 ⁷ / ₈ "	290-505-300
53mm	
320mm, 12 ¹ / ₂ "	290-505-320



Lung Spatula

300mm, 11 ⁷ / ₈ "	290-511-260
---	-------------

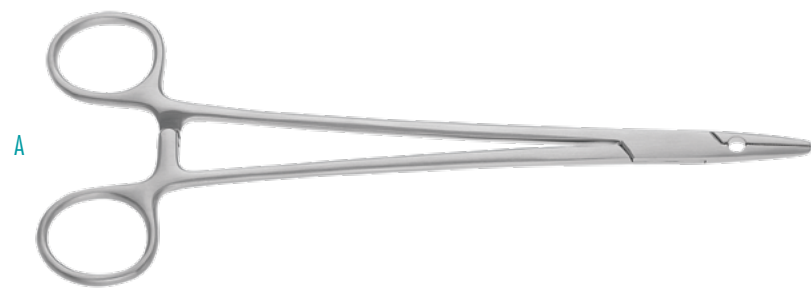


1:1

PARSONNET

Retractor, 3x3 teeth

25mm	290-233-025
32mm	290-233-030
50mm	290-233-047



A

Valve Set

consisting of: 295-130-000

A Clamp 230mm 295-130-008

B Stick 190mm 295-130-001

C Valve

30 x 35mm	295-130-002
40 x 35mm	295-130-003
50 x 35mm	295-130-004
50 x 45mm	295-130-005
60 x 45mm	295-130-006
75 x 45mm	295-130-007



B



C

