



INTRODUCTION

Our experience in manufacturing of Surgical and Dental Instruments has been built-up since 1940, Systematically, uncompromisingly and precisely. A second outcome is quality with the greater pace of technological advancement, and our deeper Commitment to it. Quality is our watchword. We pursue it relentlessly from development through production to service and customer support. Precision is a very important factor in our process. We view precision not only in terms of manufacturing, but also in whole surgical procedure as an integrated system. Hence to develop the function more precisely, we share expertise opinion. All instruments are hand-crafted and minor deviation in size and weight may occur which does not effect the function and reliability of an instrument.

ACKNOWLEDGE EXPERTISE AND QUALITY BUILDING ON EXPERIENCE

Quality is not an accident; it is achieved as a result of Continuous efforts, new in-puts to system and human recources. Quality requires a solid foundation through expertise of the people who work for us. That's why we put emphasis in production and training.

QUALITY STANDARDIZATION

Whatever your demands are, all instruments are precisely and clearly recorded to your stated & implied requirements. Our Quality Assurance Department has developed and documented standard operating procedures, standing work instructions, quality plans & standard device master record. Our Research and Development (R&D) department is busy in designing the instruments as per the requirements of market and quality assurance standards; all specification, measurements and other data are registered in log books for Quality Assurance and other quality systems.

OUR CORPORATE GOAL:

The world is shrinking, and in response, we are growing. With our staff, workforce, customers and our patrons, by extending our product range, methods, which is evident through our presence across the globe. We find solutions for particular application problems throughout the world. We will gladly develop with you, refining ourselves to the standards you would expect for **Technical Zone**.

OUR COMMITMENT IS TO:

- Rise to the challenge of particular demanding standards.
 - Development and manufacturing from samples or drawings.
 - Selection of appropriate materials.
 - Mechanical & Chemical properties are carefully maintained through Boil test, Copper-sulfate test to characterize the material to indicate corrosion.
 - Passivation and other Chemical treatment are carried out to prevent from discoloration or rust.
 - Technical drawings with measurements for all instruments.
-

24

Cardiovascular Instruments

Irrigating Cannulas, Embolus Grasping Forceps and Dilators



The image displays a variety of dental instruments used for examination and procedure. Each instrument is shown with a photograph and a corresponding line drawing. Labels provide the instrument's name, number, and dimensions in millimeters.

- 24-118**: 180 mm, 3 mm blunt
- 24-119**: 215 mm
- 24-120**: 230 mm
- 24-121 HALLE**: 180 mm, blunt
- 24-122 FREER**: 185 mm, sharp/blunt
- 24-123 - 124 SCHMID**: 140 mm, 235 mm, blunt
- 24-125 DAVIS**: 245 mm
- 24-126 - 127 TONNIS**: 240 mm

Irrigating Cannulas, Embolus Grasping Forceps and Dilators



1/2

24-128 - 136
Endarterectomy strippers
550 mm



24-128
2 mm



24-129
3 mm



24-130
5mm



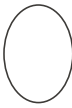
24-131
6mm



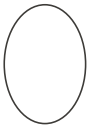
24-132
7mm



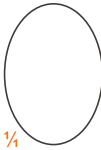
24-133
8,5mm



24-134
10mm



24-135
12mm



1/4

24-136
14mm



1/2

24-137
Handle for
110 mm



1/2

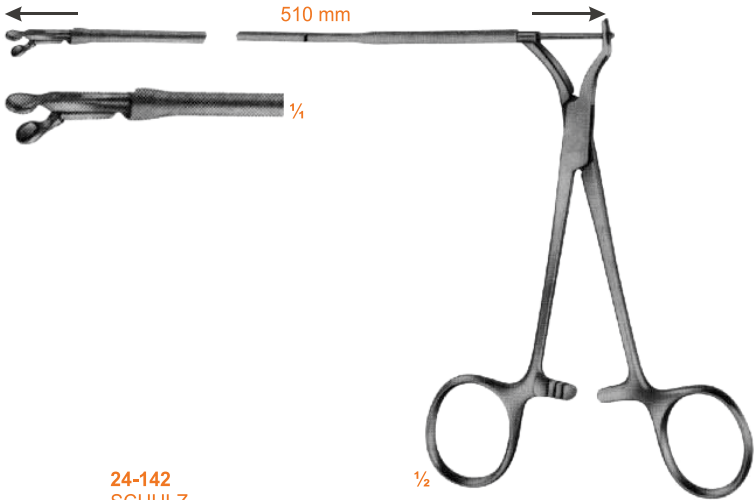
24-138 - 139
RUMEL-BELBONT
325 mm
24-138 - 4,0 mm Ø
24-139 - 6,4 mm Ø



1/4

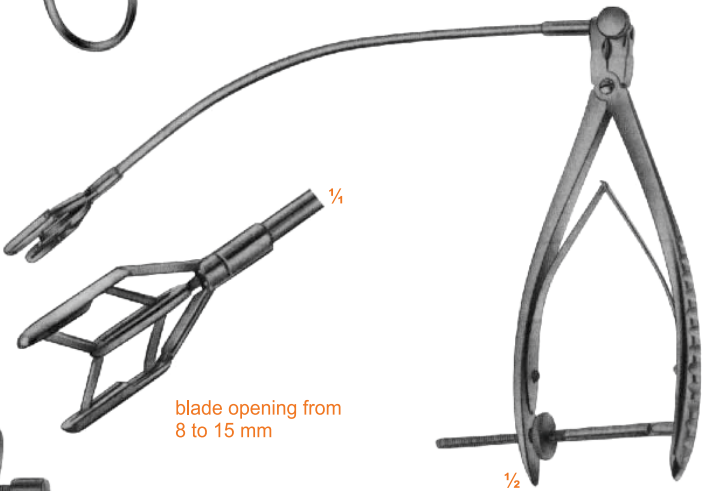
24-140 - 141
Guide only

Biopotome and Aortic Dilators

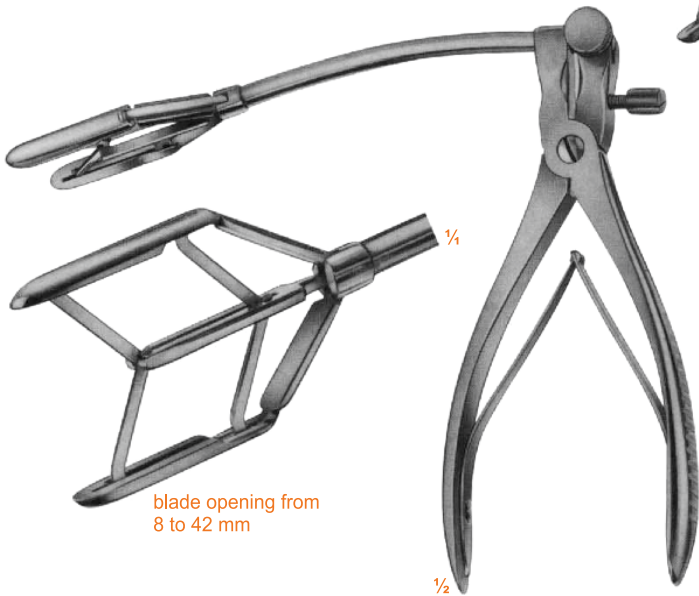


**24-142
SCHULZ**
Biopotome, mit flexiblem Schaft, 510 mm lang,
with round jaws 3 mm diam.

Biopsy forceps, for biopsy from the right atrium
through cava juglaris, prior to heart implantations.



**24-144
COOLEY**
Dilator for
mitral valve
for children



**24-143
TUBBS**
Dilator for
mitral valve

Biopotome and Aortic Dilators

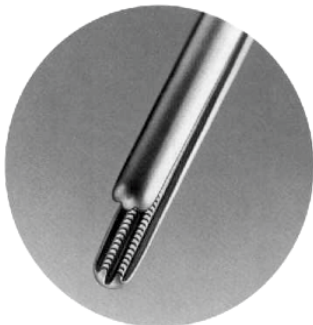
Length

Tunnelling tubes
with conical tip

Length

24-145
Handle

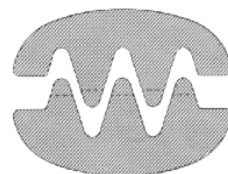
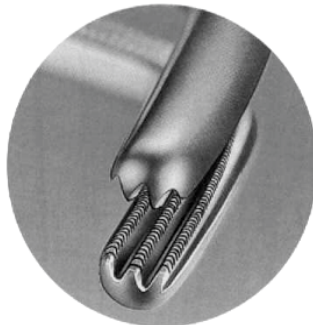
24-146
Forceps



DE BAKEY

24-147

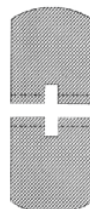
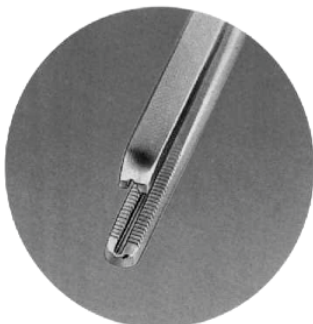
1 : 2 rows of teeth



DE BAKEY

24-148

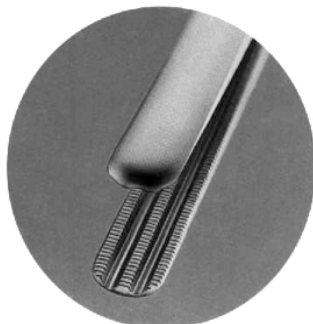
2 : 3 rows of teeth



COOLEY

24-149

2 : 2 rows of teeth



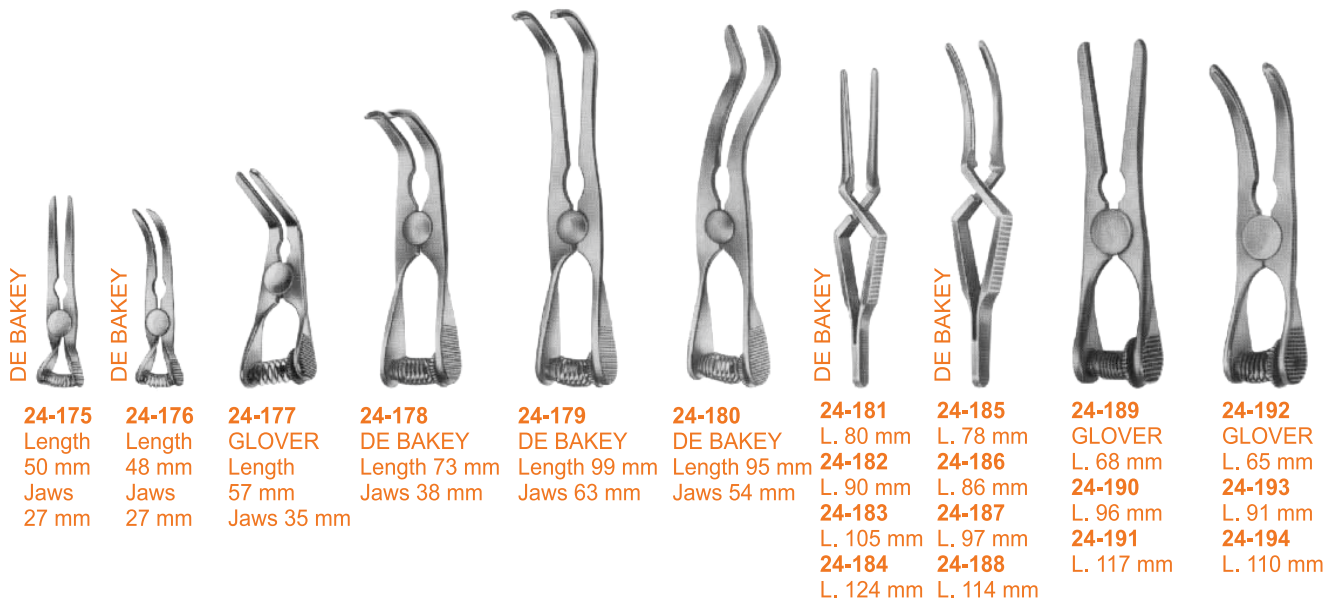
DARDIK

24-150

2 : 3 rows of teeth

Diagram illustrating the design and specifications of various surgical forceps:

- 24-151 Straight:** 80g and 50g sizes.
- 24-152 Curved:** 80g and 50g sizes.
- 24-153 Curved tips:** 80g and 50g sizes.
- 24-154 Angled Shaped:** 80g and 50g sizes.
- 24-155 Muller Knee-bent:** 80g and 50g sizes.
- 24-156 Muller Ligature Forceps:** 80g and 50g sizes. The jaw is cross serrated.



Ultra-Light Forceps



$\frac{1}{2}$
24-195
Width of jaws
1,5 mm
Length
150mm



$\frac{1}{2}$
24-196
1,5 mm
200 mm

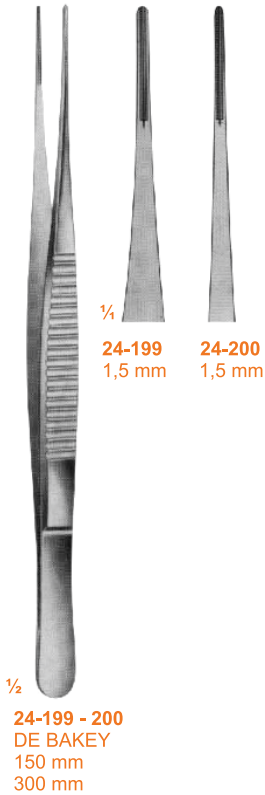


$\frac{1}{2}$
24-197
1,5 mm
240 mm



$\frac{1}{2}$
24-198
1,5 mm
300 mm

Ultra-Light Forceps



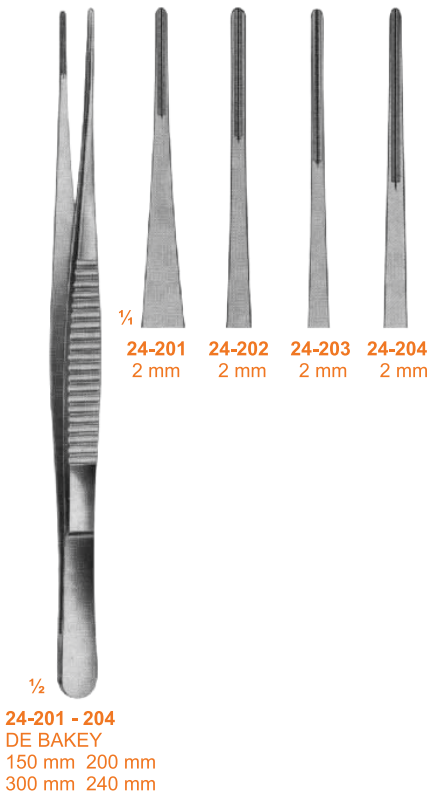
1/4

24-199
1,5 mm

24-200
1,5 mm

1/2

24-199 - 200
DE BAKEY
150 mm
300 mm



1/4

24-201
2 mm

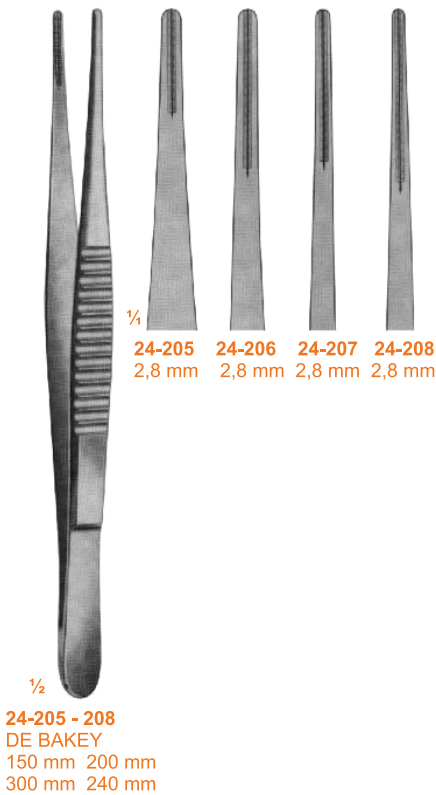
24-202
2 mm

24-203
2 mm

24-204
2 mm

1/2

24-201 - 204
DE BAKEY
150 mm 200 mm
300 mm 240 mm



1/4

24-205
2,8 mm

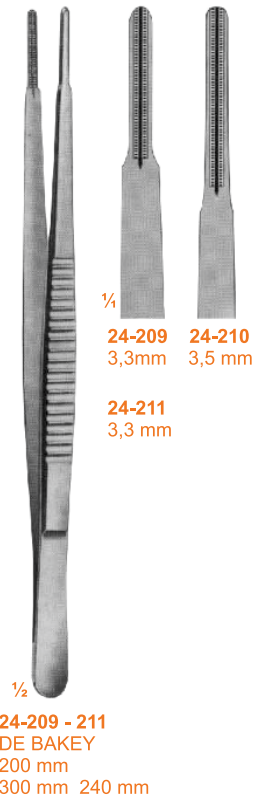
24-206
2,8 mm

24-207
2,8 mm

24-208
2,8 mm

1/2

24-205 - 208
DE BAKEY
150 mm 200 mm
300 mm 240 mm



1/4

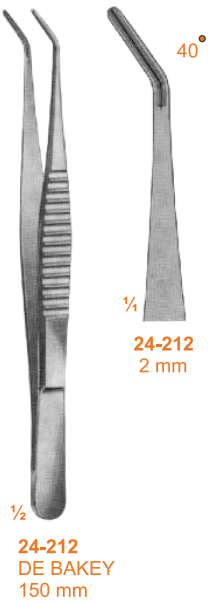
24-209
3,3mm

24-210
3,5 mm

24-211
3,3 mm

1/2

24-209 - 211
DE BAKEY
200 mm
300 mm 240 mm



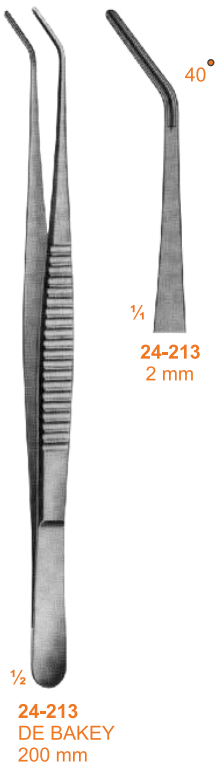
40°

1/4

24-212
2 mm

1/2

24-212
DE BAKEY
150 mm



40°

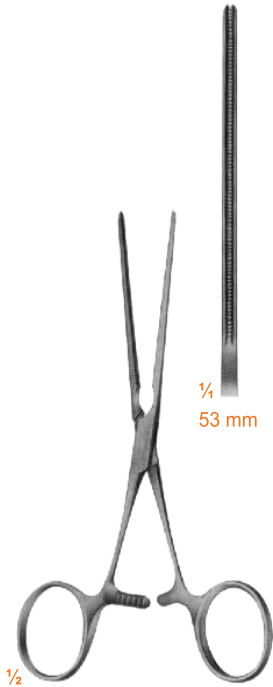
1/4

24-213
2 mm

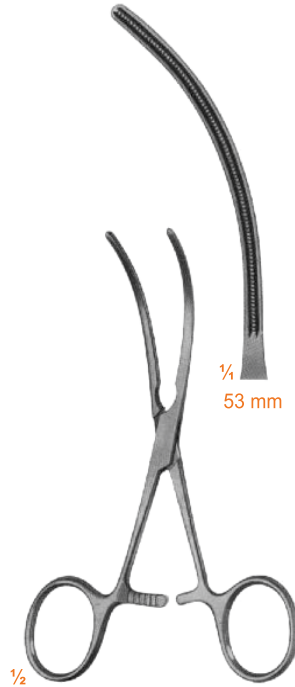
1/2

24-213
DE BAKEY
200 mm

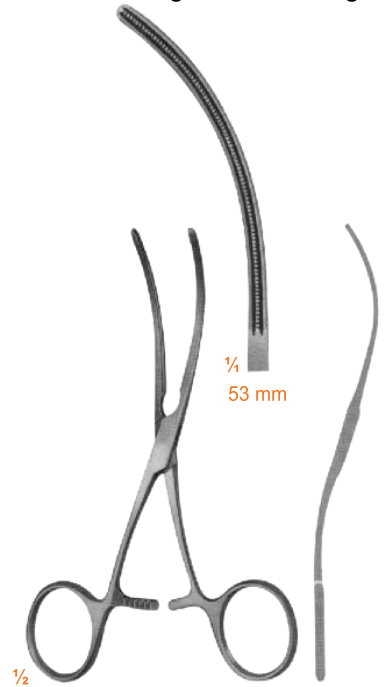
Ring Handle Bulldog Clamps



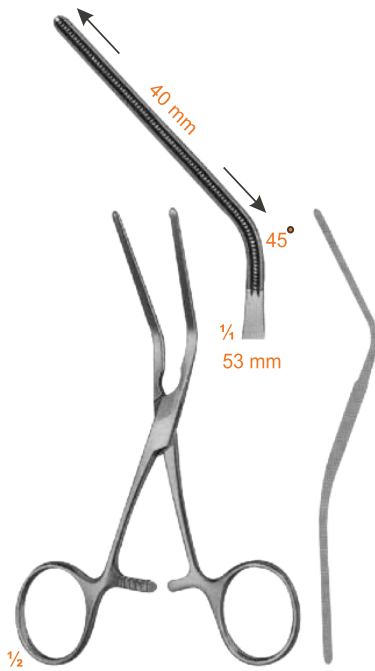
24-214
DE-BAKEY
gerade straight
130 mm



24-215
DE-BAKEY
Maul gebogen
curved jaws
125 mm



24-216
DE-BAKEY
S-shaped curved
125 mm



24-217
DE-BAKEY
45° winklig gebogen
angled 45°
125 mm



24-218
DE-BAKEY
90° winklig gebogen
angled 90°
105 mm

Anastomosis and Multi Purpose Clamps for Neonatales

graduated



1/2

24-219 - 222
CASTANESA



1/4

48 mm
24-219
105 mm

1/4

48 mm
24-220
120 mm

1/4

48 mm
24-221
120 mm

1/4

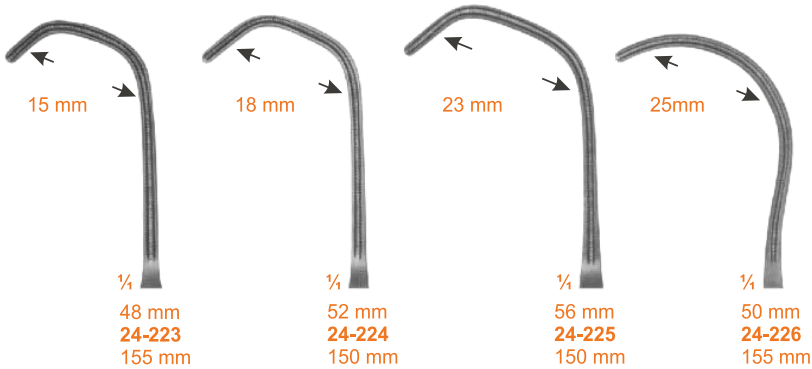
48 mm
24-222
125 mm

graduated



1/2

24-223 - 226
CASTANESA



1/4

48 mm
24-223
155 mm

1/4

52 mm
24-224
150 mm

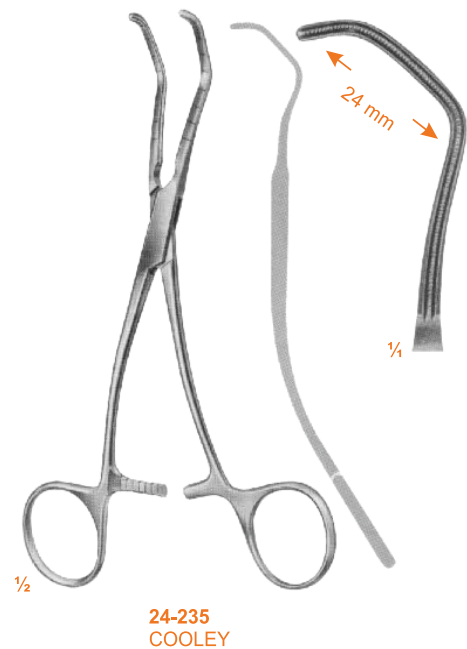
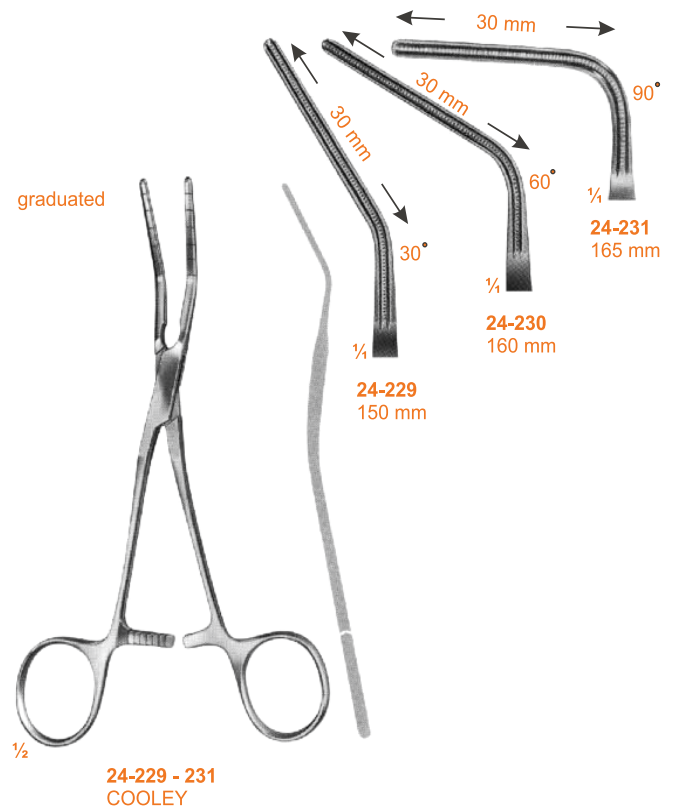
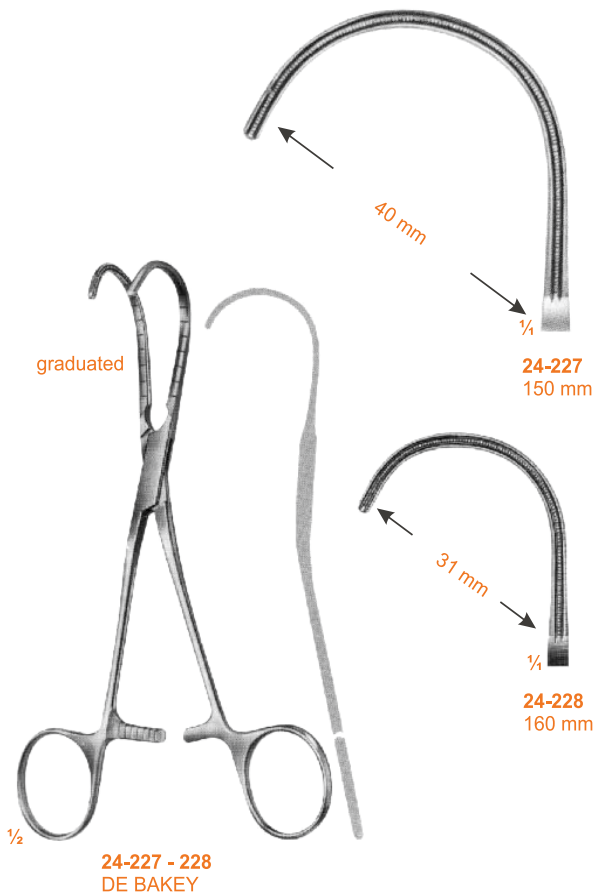
1/4

56 mm
24-225
150 mm

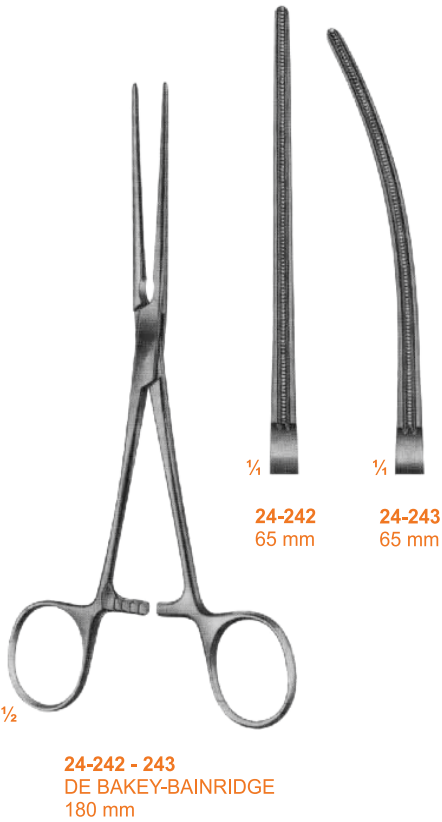
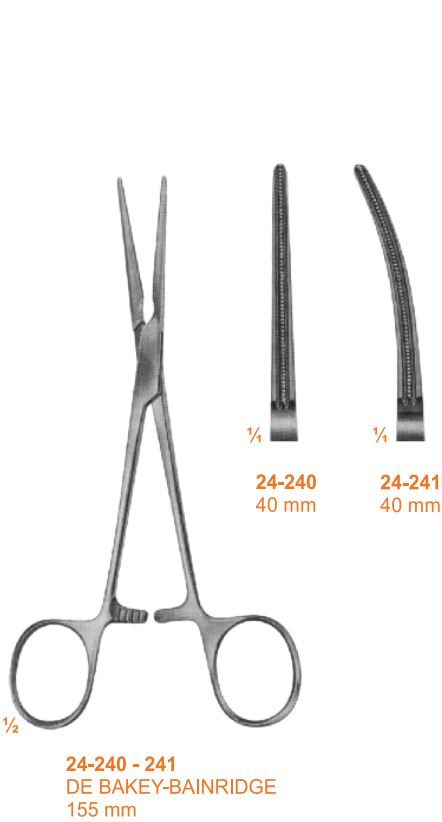
1/4

50 mm
24-226
155 mm

Anastomosis and Multi Purpose Clamps - Pediatric Types



Non-traumatic Hemostatic Forceps



Cardiovascular Instruments



Cardiovascular Instruments



24-254
DE-BAKEY-MIXTER
285 mm

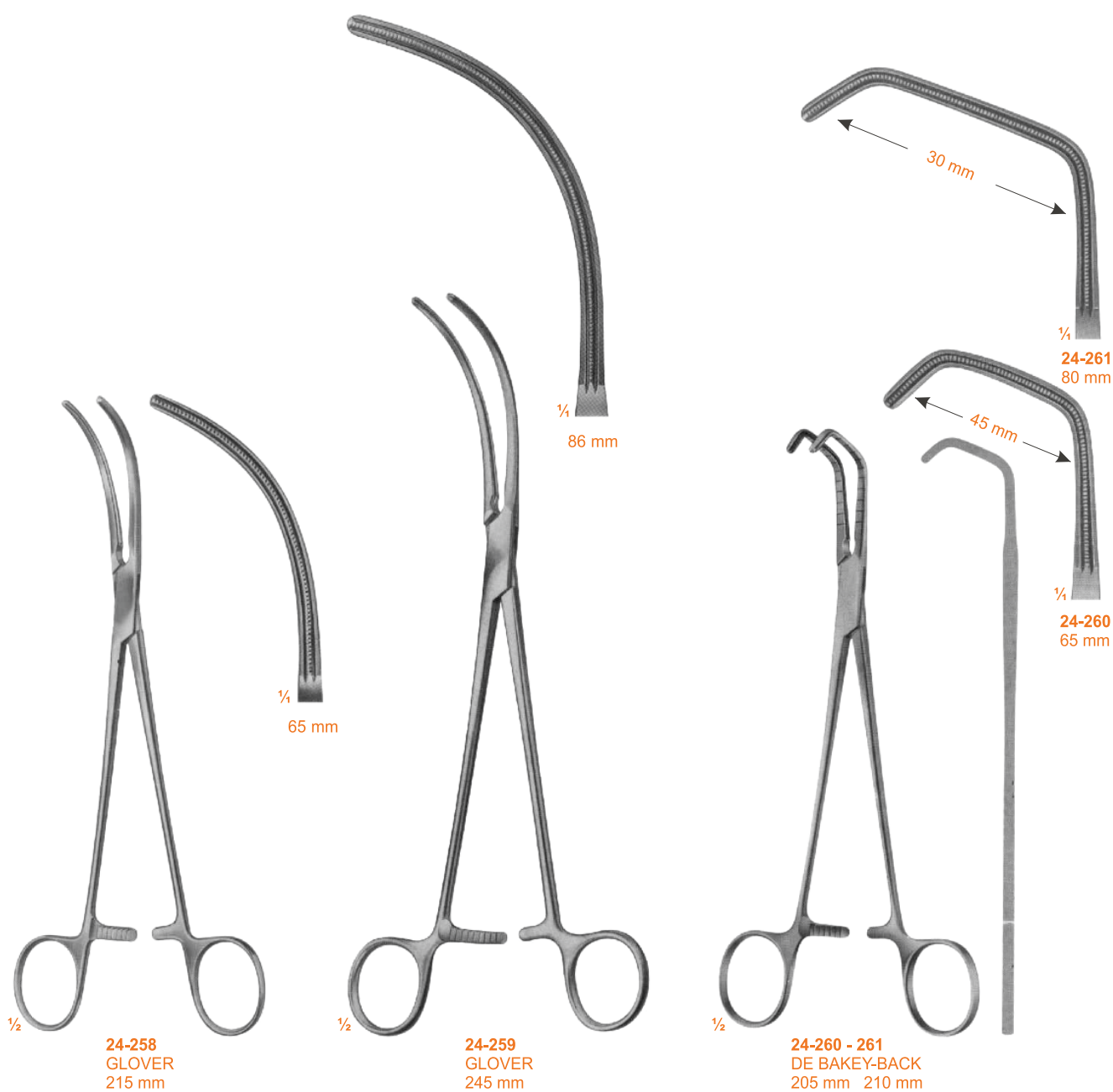


24-255 - 256
GLOVER
245 mm



24-257
GLOVER
220 mm

Vena-Cava Clamps



Vena-Cava Clamps



1/2



1/4

24-262
86 mm

1/4

24-263
86 mm

1/4

24-264
86 mm

1/4

24-265
86 mm

24-262 - 265
DE BAKY-HARKEN
24-262 - 255 mm
24-263 - 245 mm
24-264 - 245 mm
24-265 - 245 mm



1/2

24-266 - 270
DE BAKY

Total Length:

Length of jaws:



1/4

24-266

220 mm

85 mm

1/4

24-267

256 mm

95 mm

1/4

24-268

270 mm

99 mm

1/4

24-269

270 mm

103 mm

1/4

24-270

280 mm

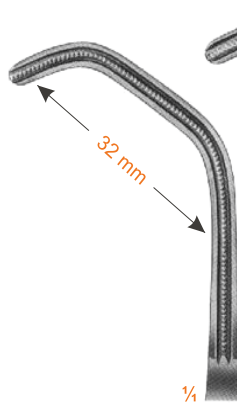
119 mm

Vena-Cava Clamps



1/2

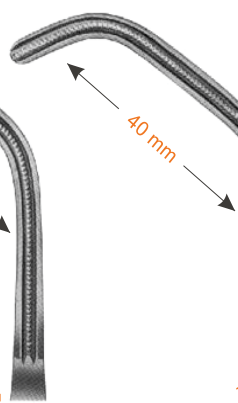
24-271 - 273
DE BAKEY-SATINSKY
235 mm, 240 mm, 245 mm



32 mm

1/4

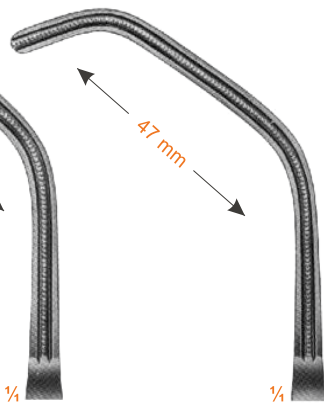
24-271
68 mm



40 mm

1/4

24-272
76 mm



47 mm

1/4

24-273
84 mm



1/2

24-274 - 275
DE BAKEY
170 mm, 165 mm



1/4

24-274
50 mm



1/4

24-275
50 mm



1/2

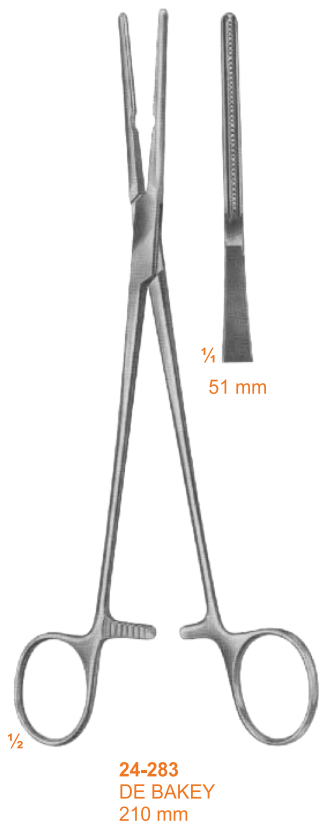
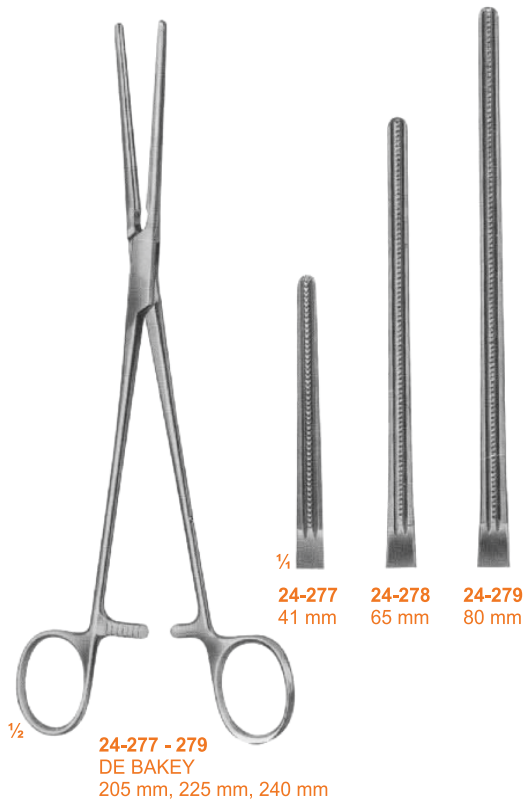
24-276
DE BAKEY
165 mm



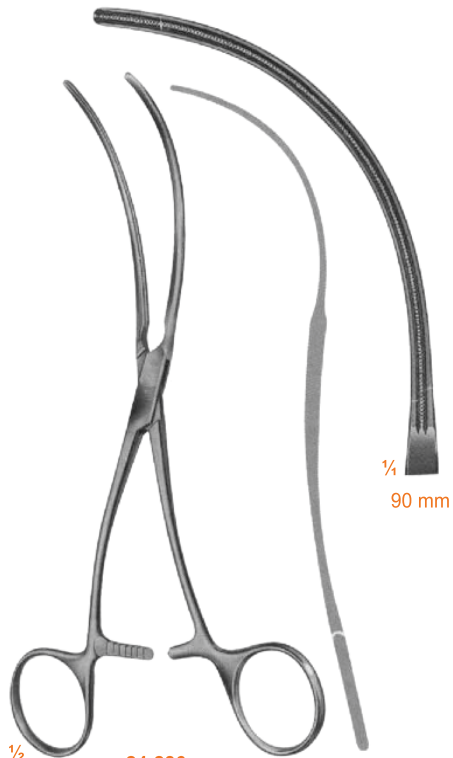
1/4

50 mm

Vena-Cava Clamps



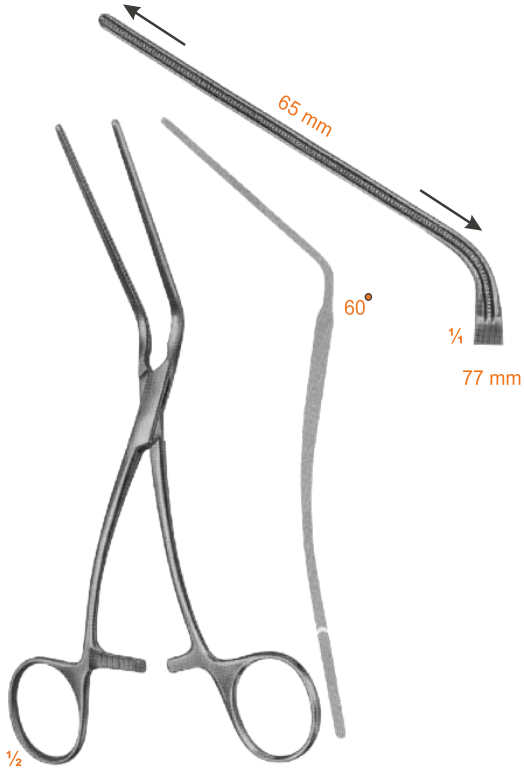
Vena-Cava Clamps



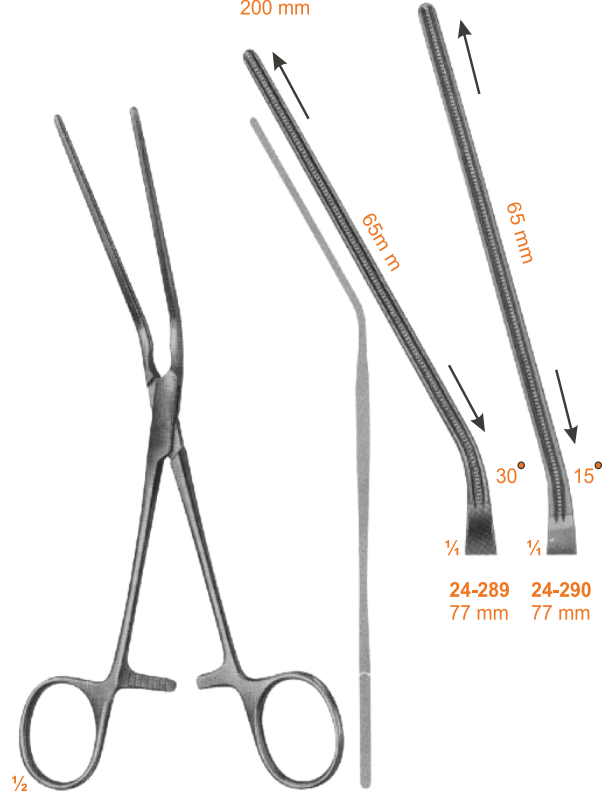
24-286
DE BAKY
190 mm



24-287
DE BAKY
200 mm



24-288
DE BAKY
180 mm



24-289 - 290
DE BAKY
190 mm

Vena-Cava Clamps



24-291
LELAND-JONES
195 mm



24-292
DE BAKEY
200 mm

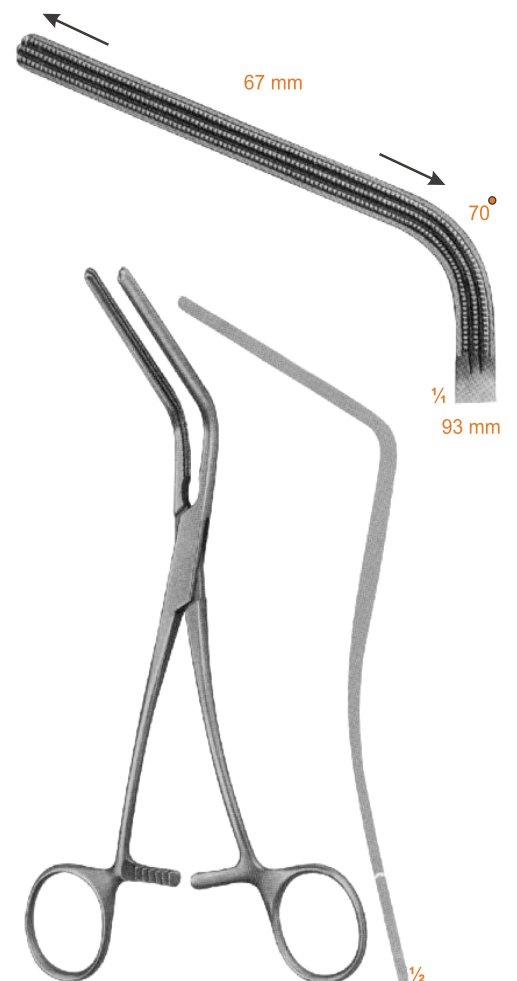


24-293
WERTHEIM
250 mm

Vena-Cava Clamps

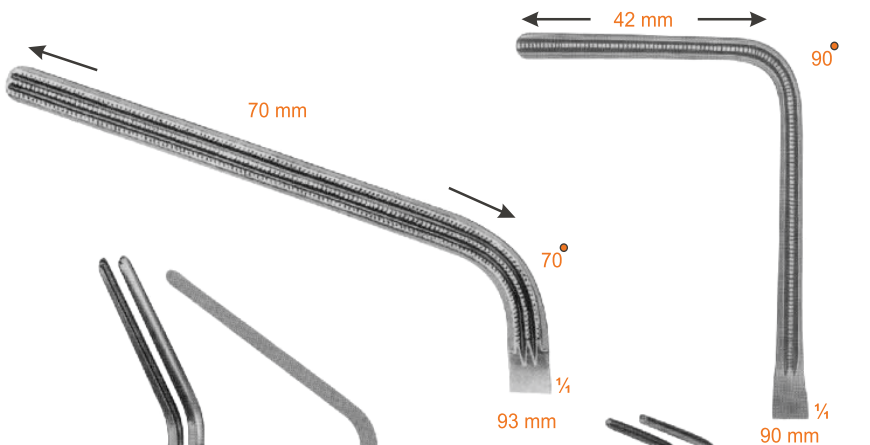


24-294 - 296
DICK
255 mm, 265 mm, 275 mm



24-297
MORRIS
175 mm

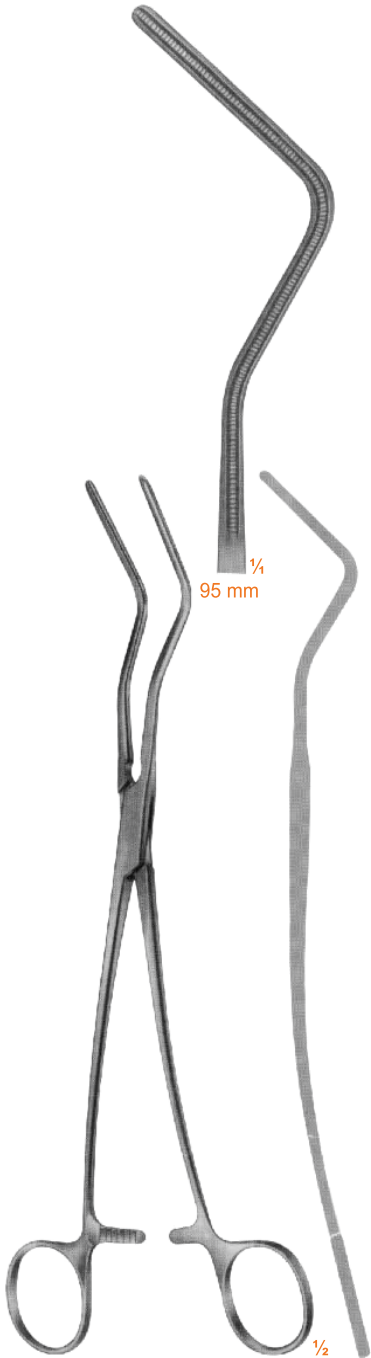
Vena-Cava Clamps



24-298
DE BAKEY
240 mm

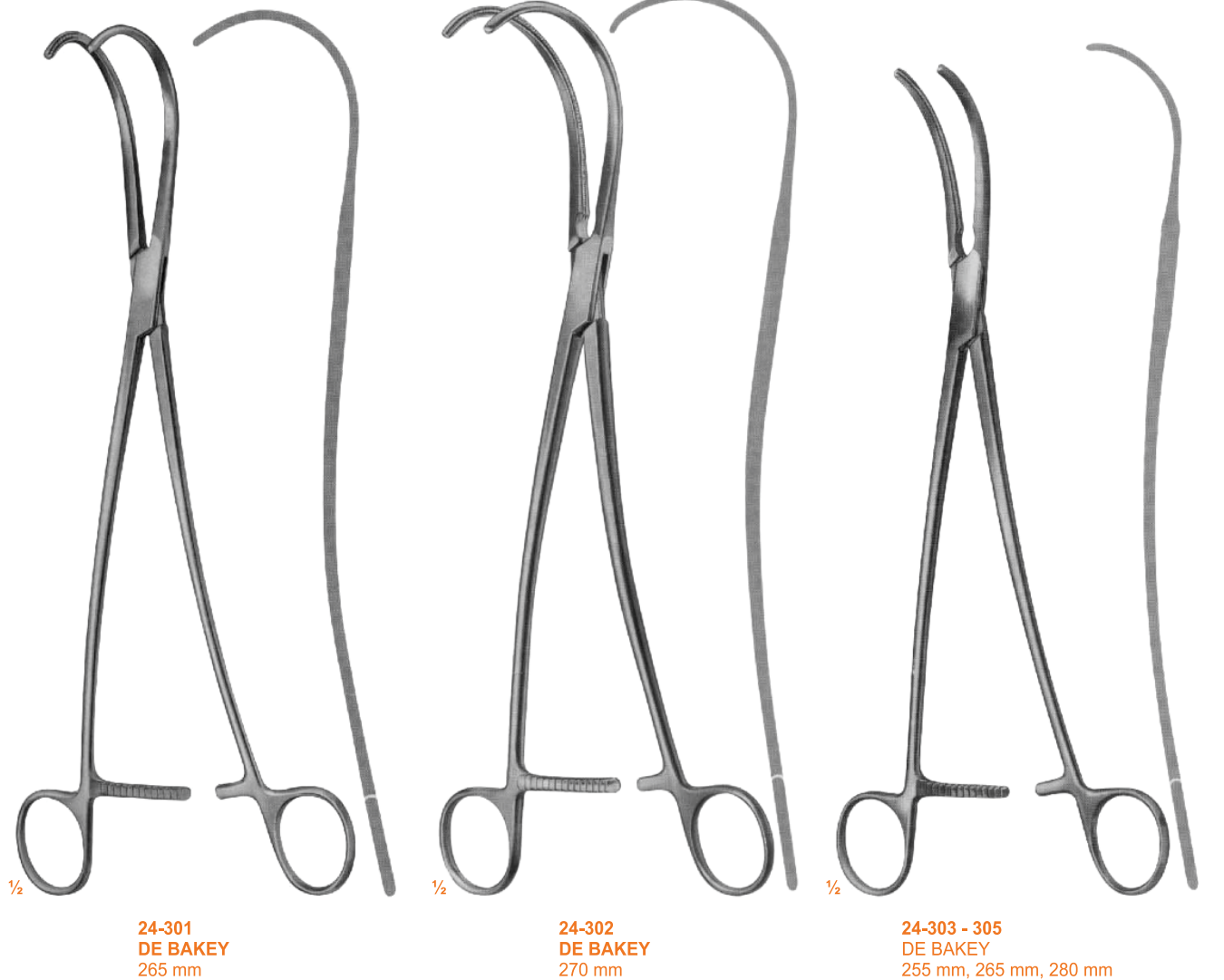
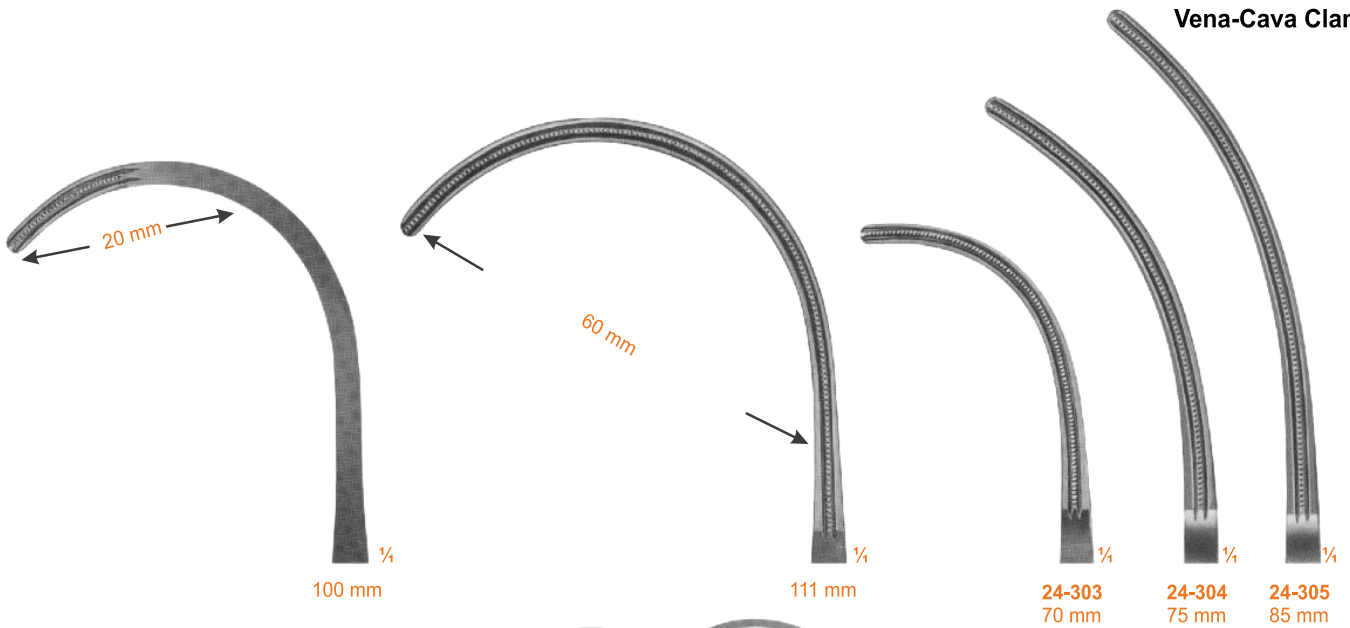


24-299
LEES
220 mm



24-300
LEES
245 mm

Vena-Cava Clamps



Vena-Cava Clamps



24-306 24-307 24-308 24-309
95 mm 110 mm 130 mm 140 mm

24-306 - 309
DE BAKY
250 mm, 300 mm,
315 mm, 330 mm

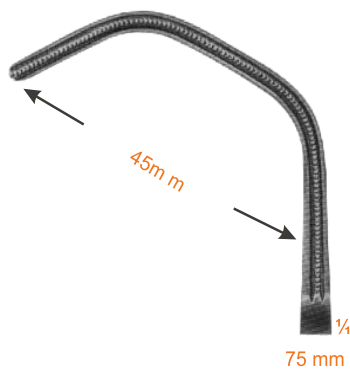


24-310
DE BAKY
300 mm

Vena-Cava Clamps



**24-311
DIETRICH**
210 mm

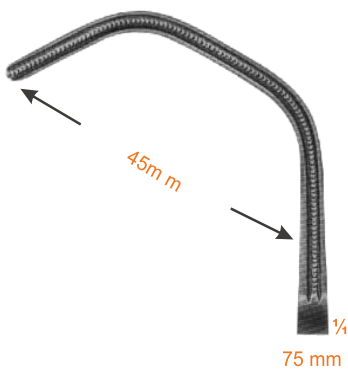


**24-312
SUBRAMANIAN**
155 mm

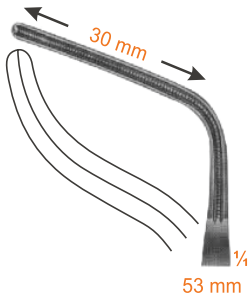
Vena-Cava Clamps



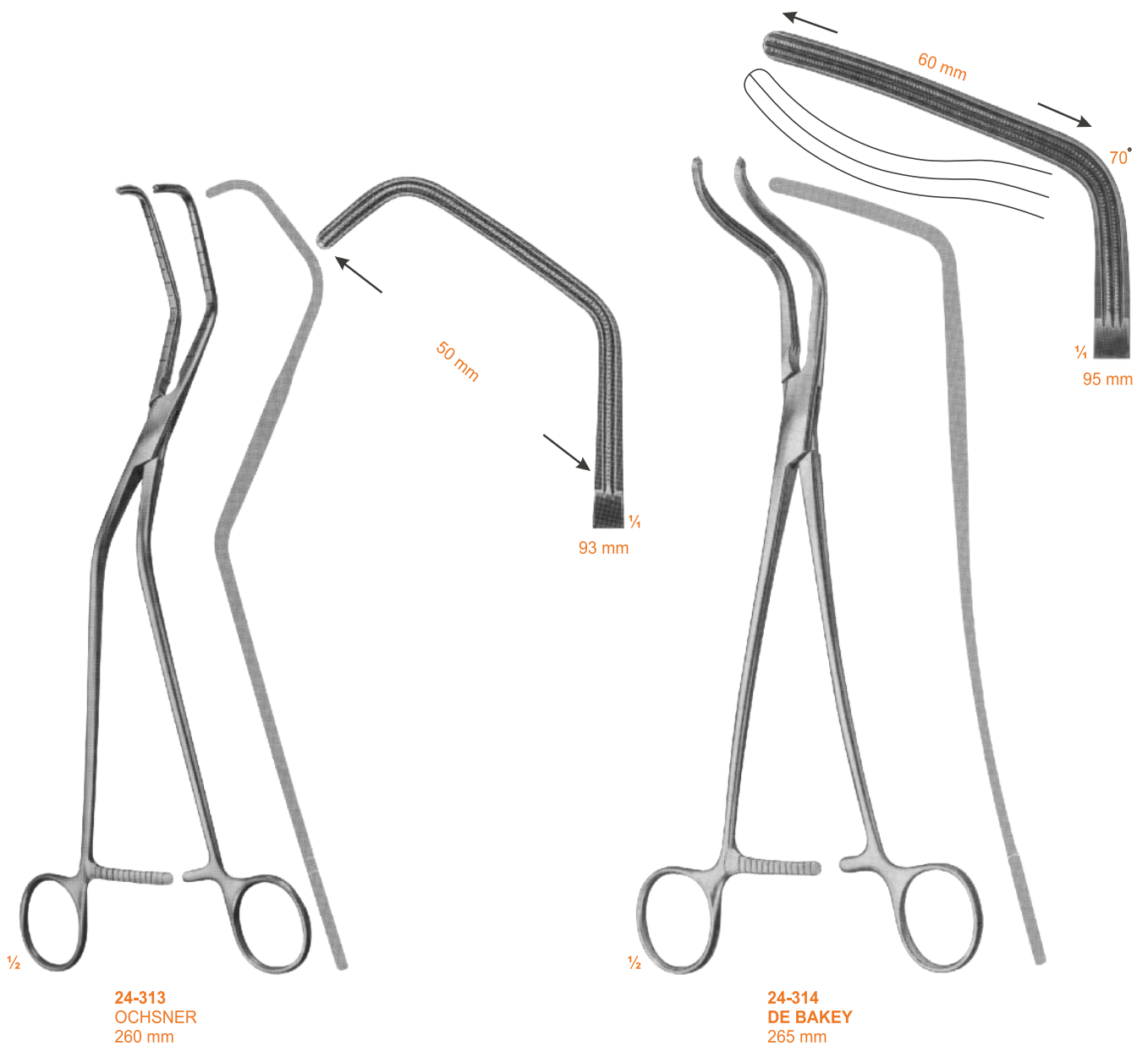
24-311
DIETRICH
210 mm



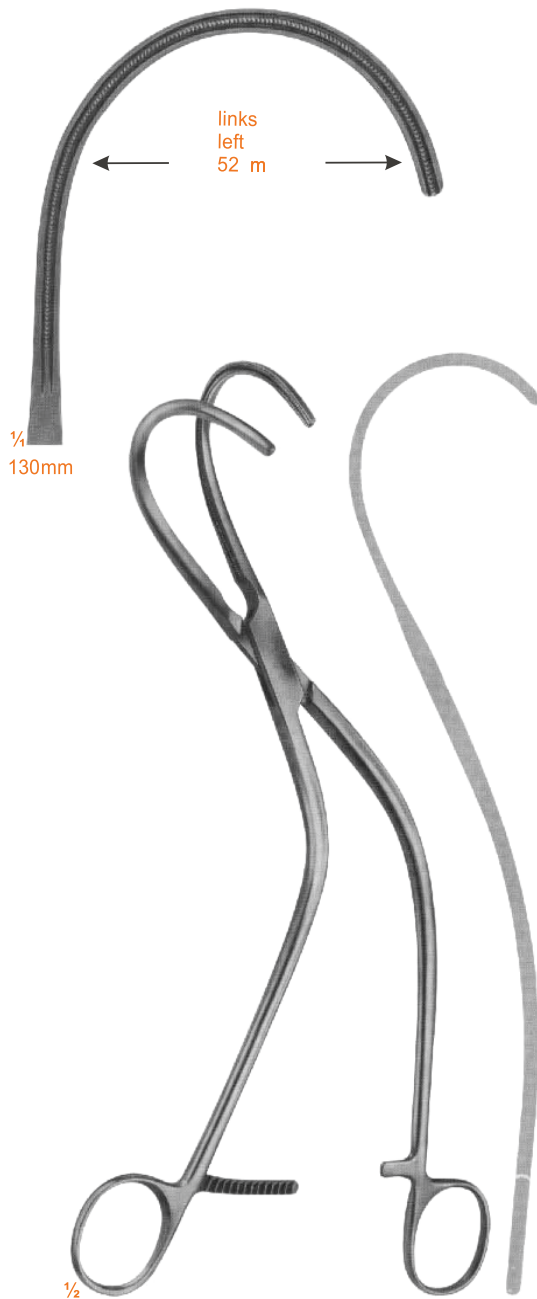
24-312
SUBRAMANIAN
155 mm



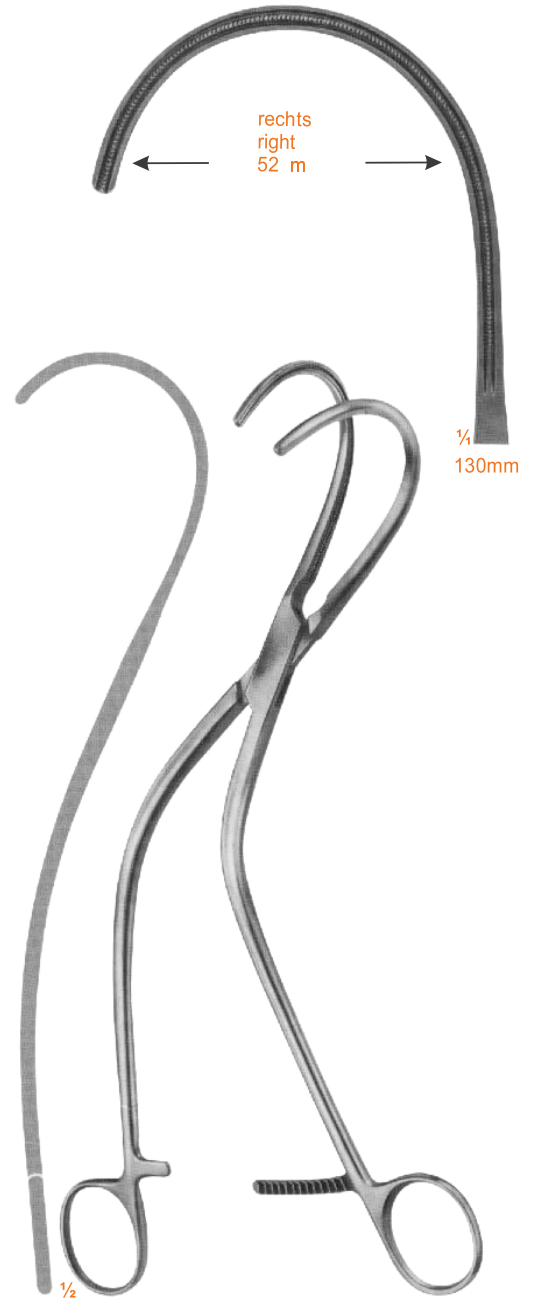
Vena-Cava Clamps



Cardiovascular Instruments



L
24-315
WEBER
265 mm



R
24-316
WEBER
265 mm

Aorta-Anastomosis Clamps



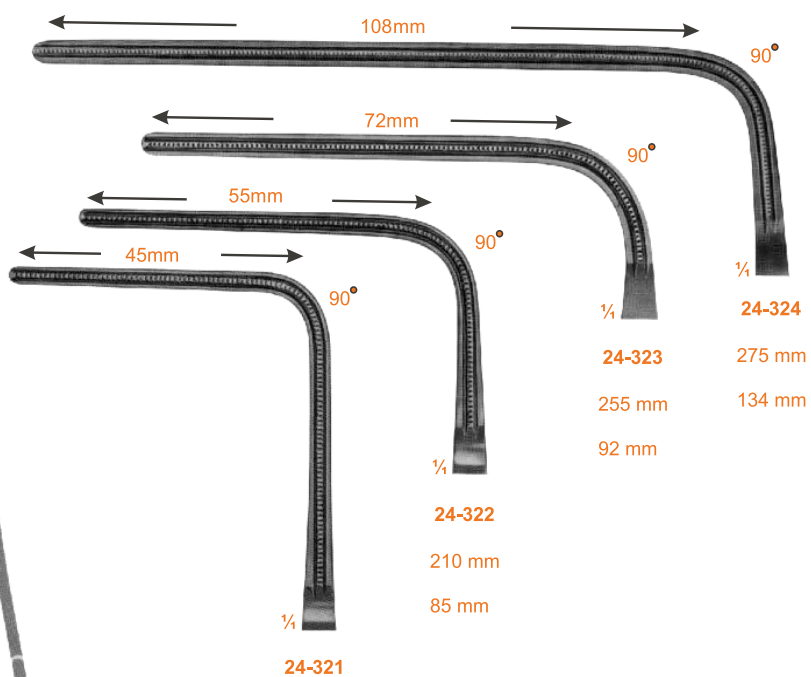
1/2
24-317 - 320
DE BAKEY



Total Length:	230 mm	280 mm	305 mm	240 mm
Length of jaws:	85 mm	100 mm	135 mm	93 mm



1/2
24-321 - 324
DE BAKEY



Total Length:	225 mm
Length of jaws:	93 mm

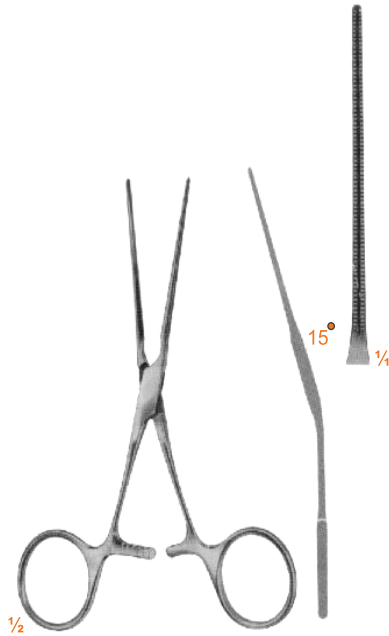
Aorta-Anastomosis Clamps



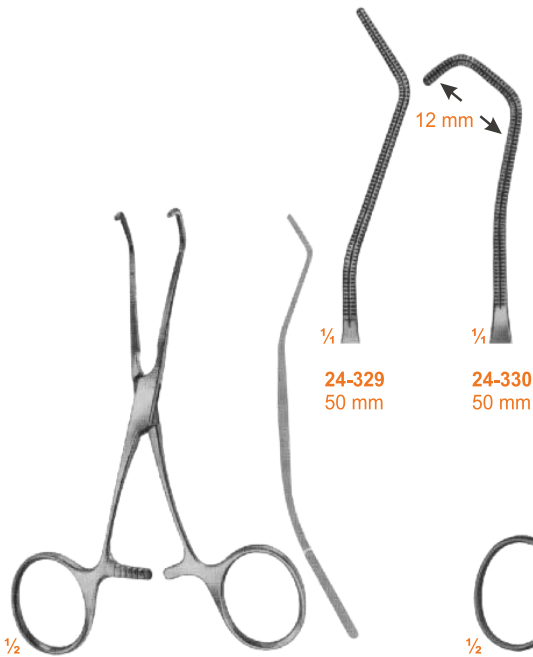
24-325 - 326
COOLEY
125 mm, 115 mm



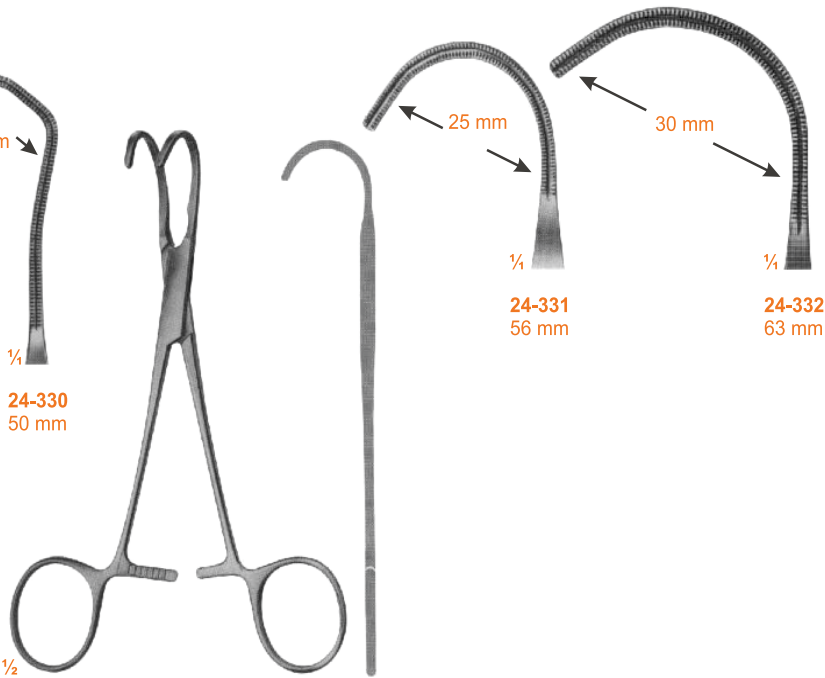
24-327
COOLEY
100 mm



24-328
COOLEY
125 mm

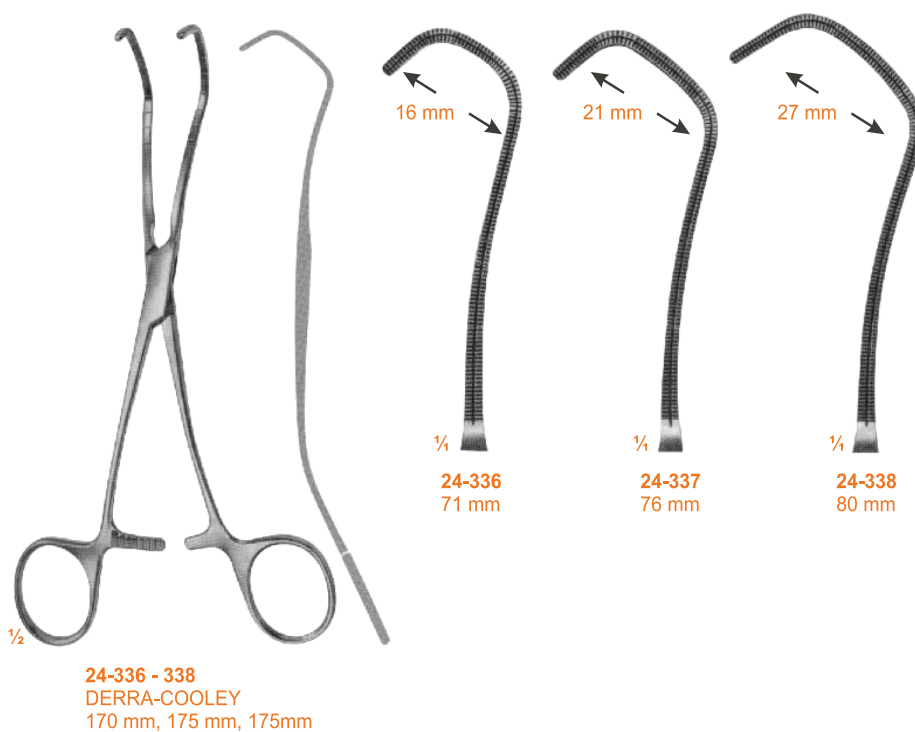
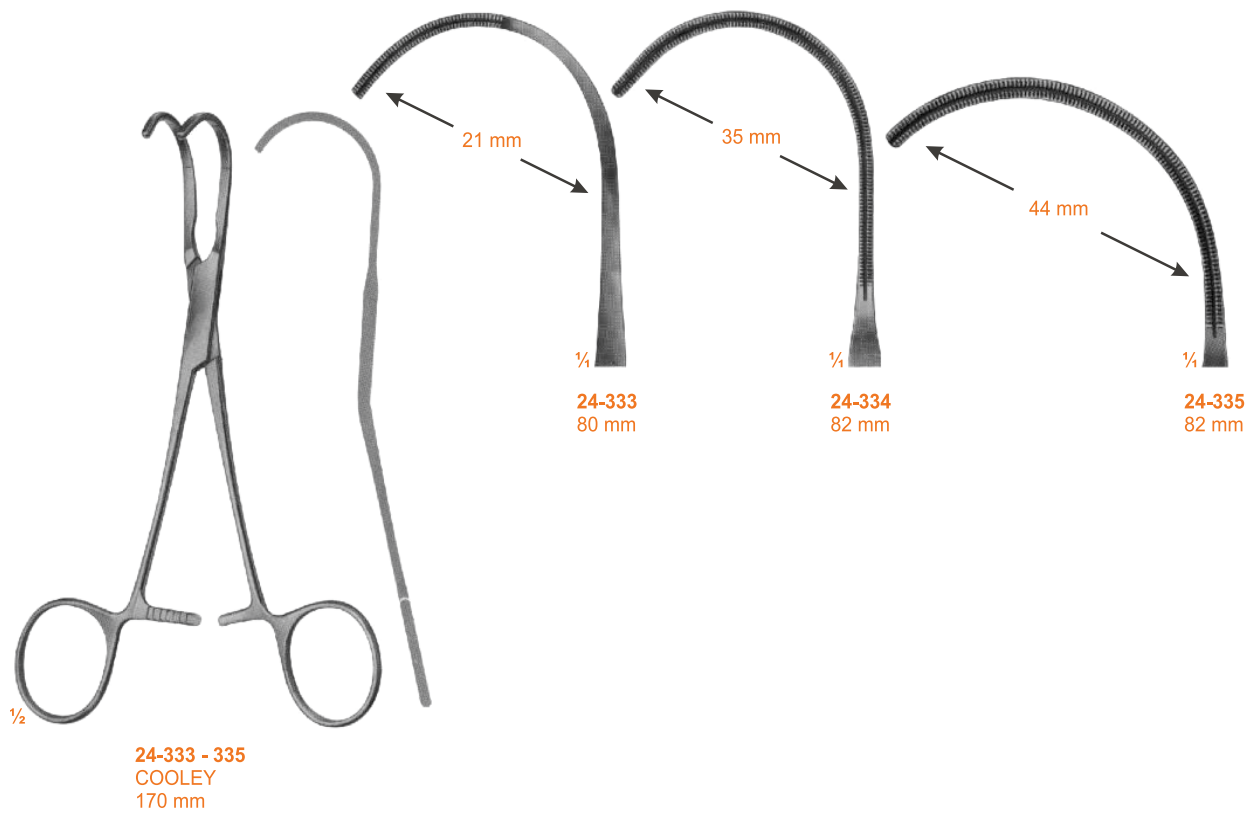


24-329 - 330
COOLEY
120 mm, 115 mm

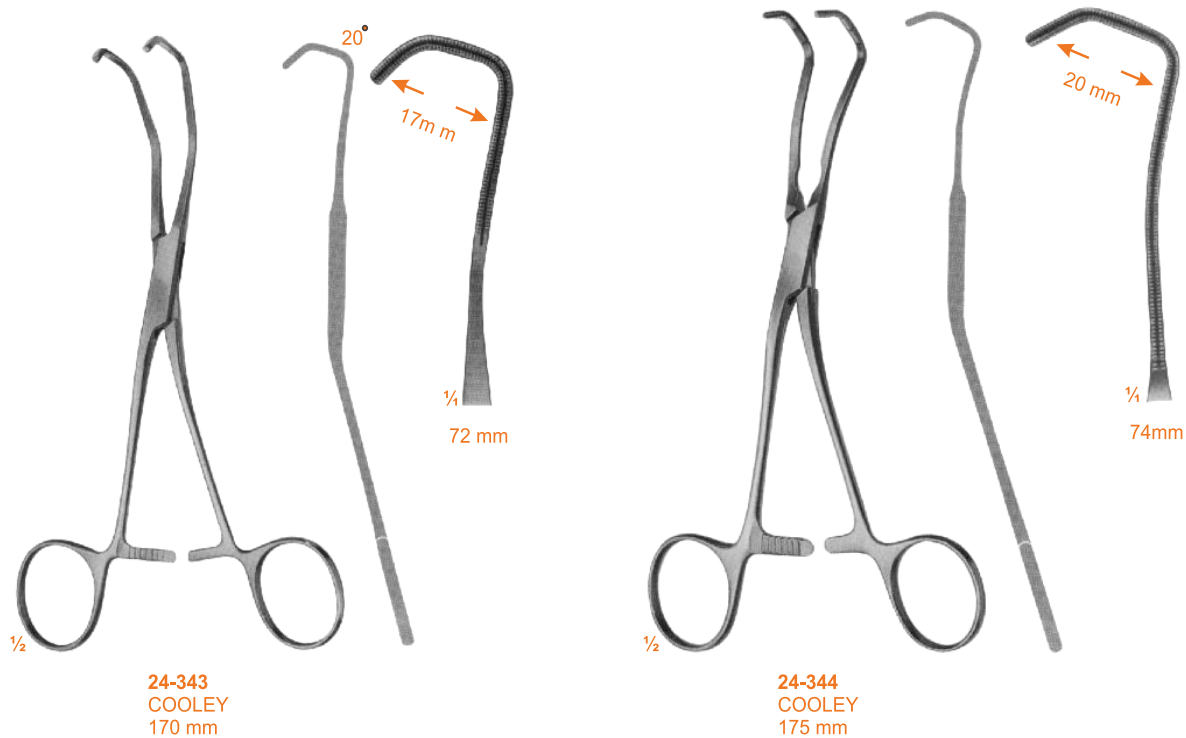
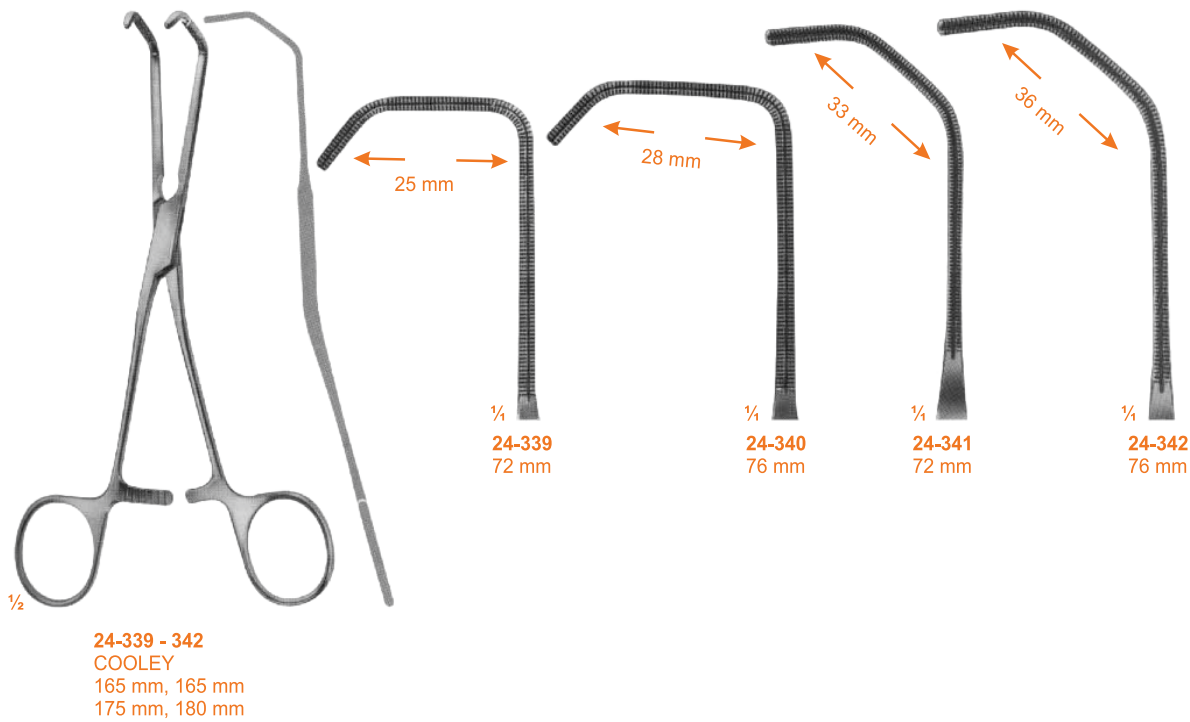


24-331 - 332
COOLEY-BACK
150 mm, 115 mm

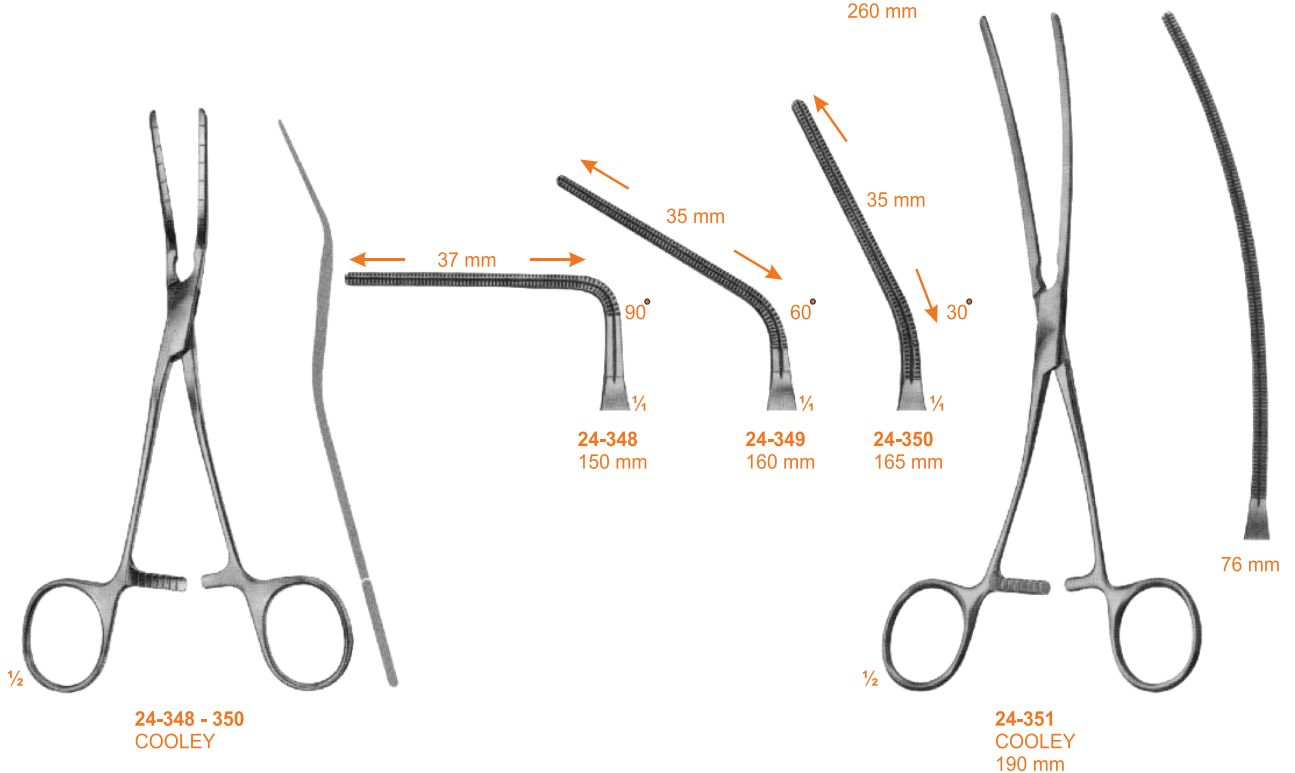
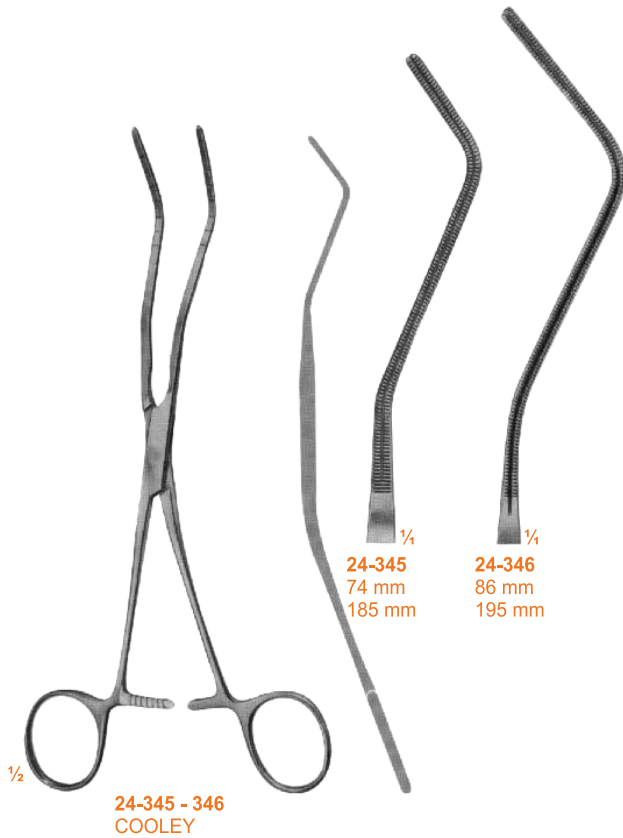
Aorta-Anastomosis Clamps



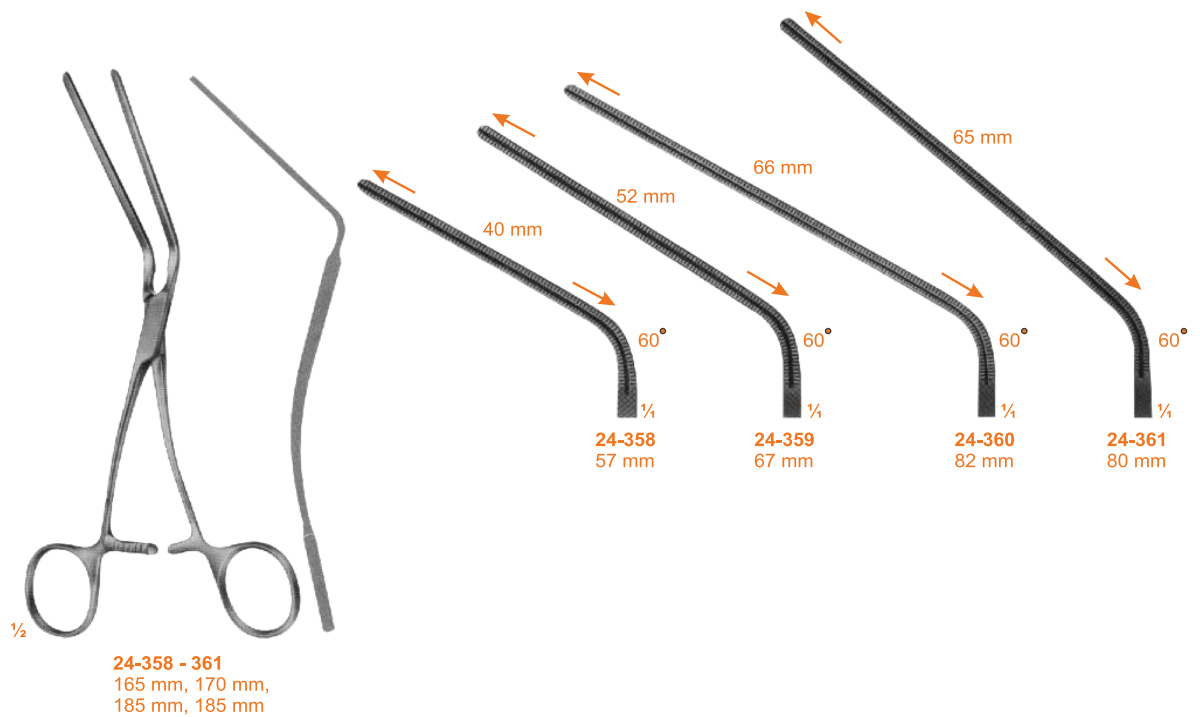
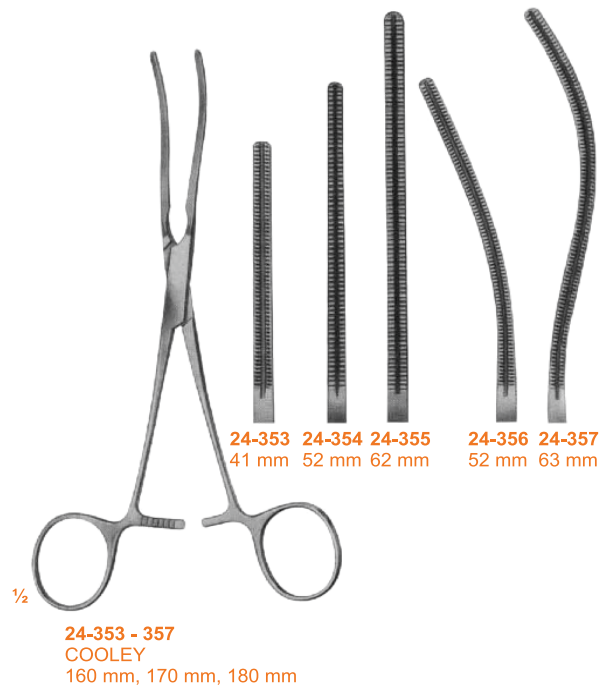
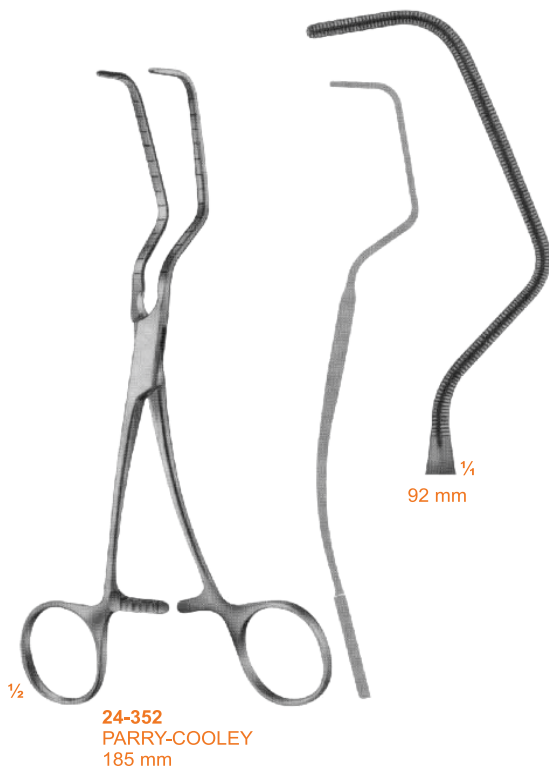
Aorta-Anastomosis Clamps



Cardiovascular Instruments



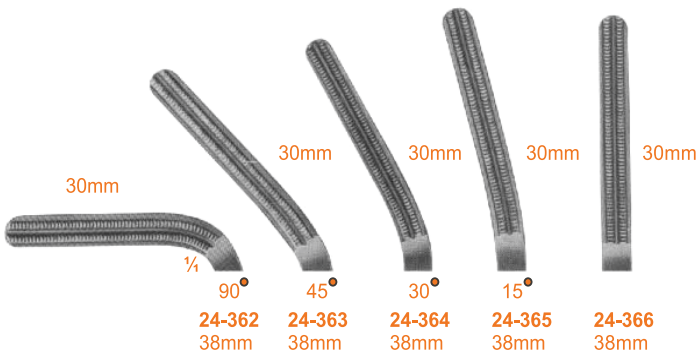
Aorta-Anastomosis Clamps



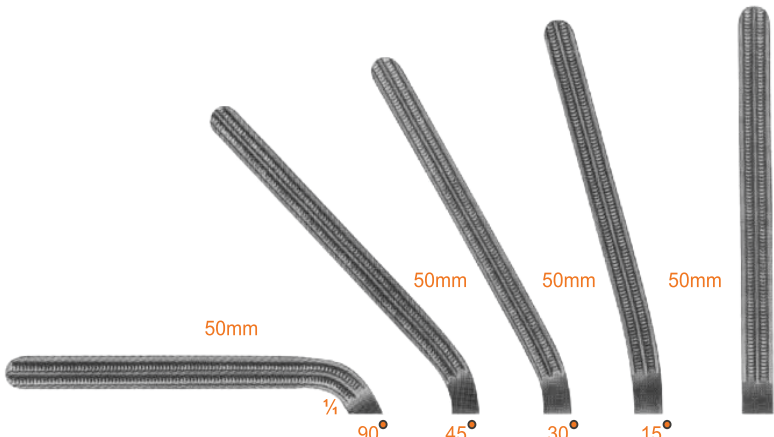
Cardiovascular Instruments



DARDIK			
24-362	150 mm	24-367	170 mm
24-363	150 mm	24-368	170 mm
24-364	150 mm	24-369	170 mm
24-365	145 mm	24-370	160 mm
24-366	130 mm	24-371	135 mm



24-362	24-363	24-364	24-365	24-366
38mm	38mm	38mm	38mm	38mm



24-367	24-368	24-369	24-370	24-371
58mm	58mm	58mm	58mm	58mm

Multi-Purpose Clamps



24-372
WILLIAMS
160 mm



24-373
TUTTLE
230 mm



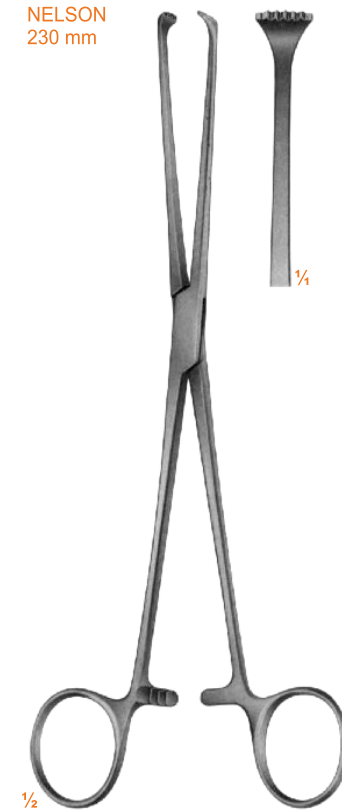
24-374
NELSON
230 mm



24-375
DUVAL
230 mm



24-376 170 mm
24-377 215 mm
24-378 220 mm



24-379
ALLIS
220 mm

Cardiovascular Instruments

¼



24-380
FINOCHIETTO
245 mm



24-381 - 382
SEMB
244 mm



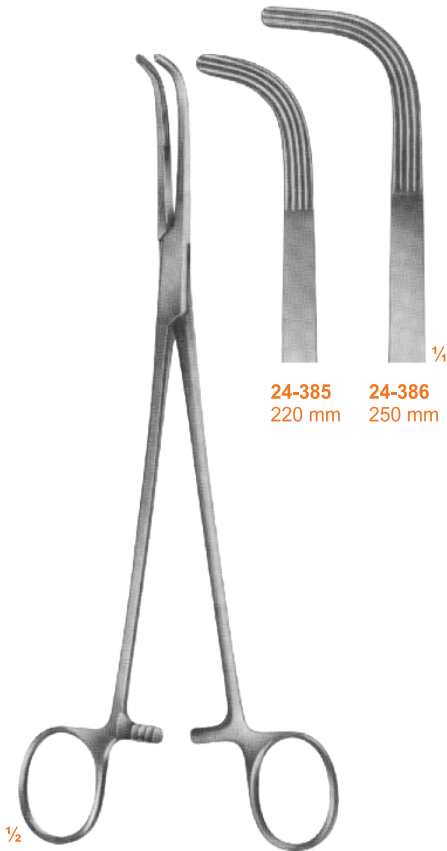
24-383
WIKSTROEM
205 mm

Multi-Purpose Clamps

¼



24-384
MIXTER
230 mm



24-385
220 mm 24-386
250 mm



24-387
HOPFNER
160 mm

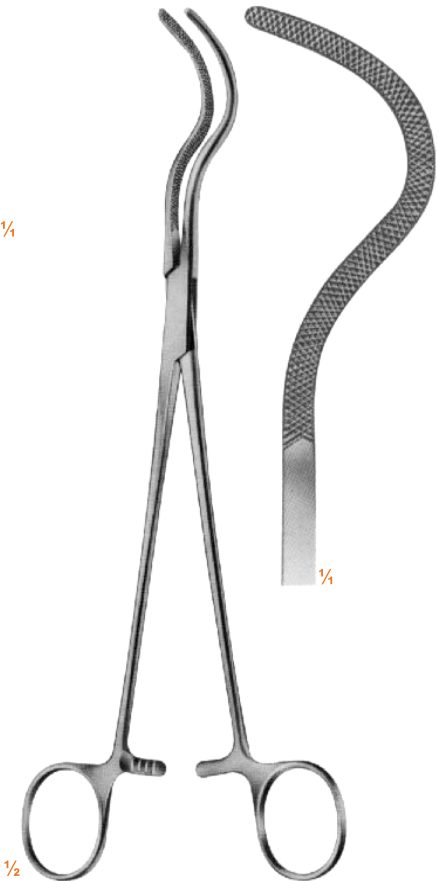
Multi-Purpose Clamps



24-388
SATINSKY
265 mm



24-389
SATINSKY
265 mm



24-390
HARKEN
240 mm

Multi-Purpose Clamps



24-391
PERTUISET
Carotid Clamp
90 mm



24-392
CRAFOORD-SELLORS
240 mm



24-393 - 394
CRAFOORD
240 mm

Multi-Purpose Clamps



24-395
PRICE THOMAS
225 mm



24-396
jaws with pins

24-397
jaws with pins

24-396 - 397
PRICE THOMAS
225 mm

Rib Shears



24-398
SCHUMACHER
Sternum shears
210 mm



24-399
LEBSCHÉ
Sternum chisel
200 mm



24-400
230 mm



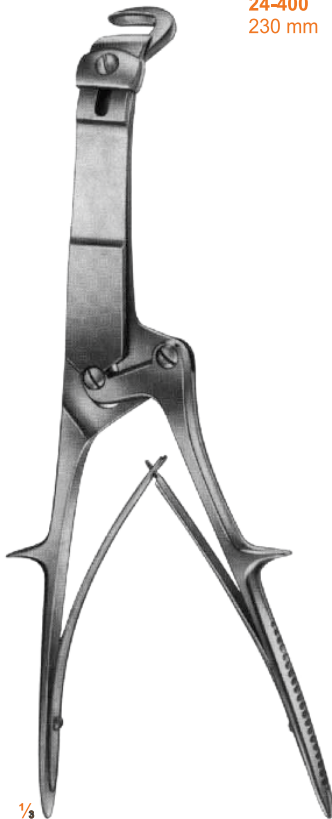
24-401
COLLIN
195 mm



24-402
GLUCK
190 mm



24-403
GLUCK
190 mm



24-404
BRUNNER
Universal Pattern
340 mm



24-405
GIERTZ-STILLÉ
250 mm

Rib Holding and Bone Cutting Forceps



24-406
SEM B
Rib-and Bone
Holding forceps
190 mm



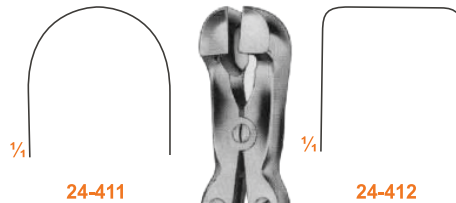
24-407
SEM B
Rib-and Bone
Holding forceps
190 mm



24-408
LISTON-STILLE
265 mm

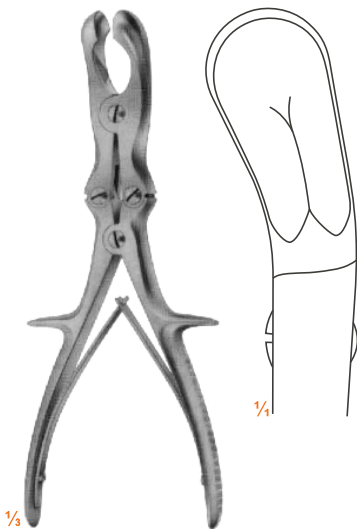


24-409
LISTON-KEY-HORSLEY
255 mm



24-411

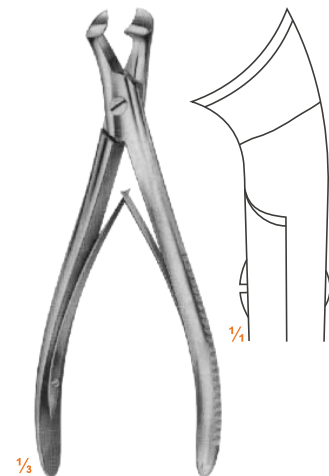
24-412



24-410
SEME
Rib Rongeur to shorten
the rib stumps
240 mm

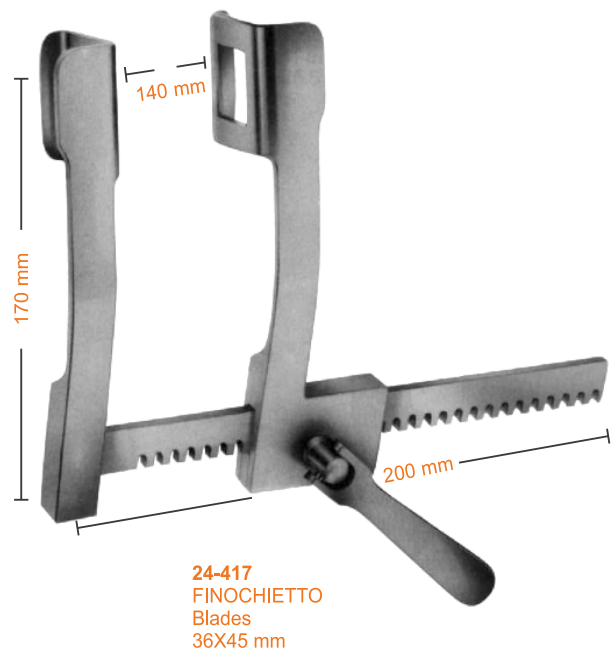
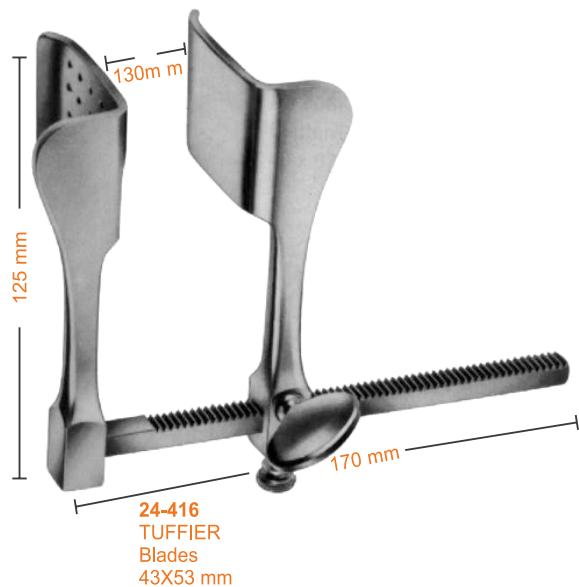
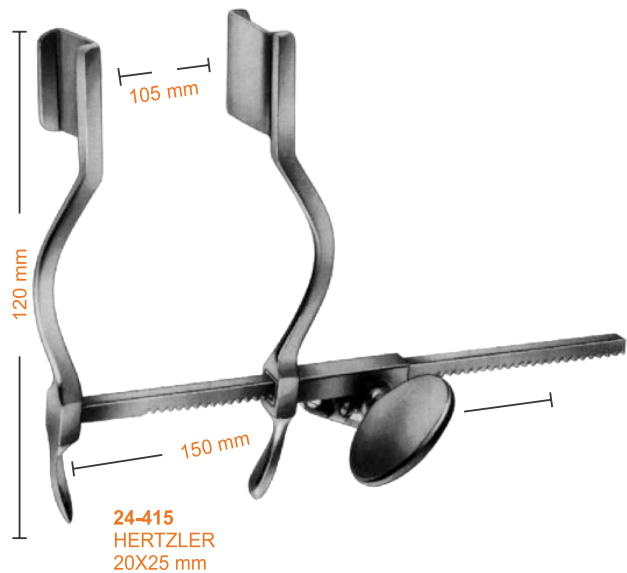
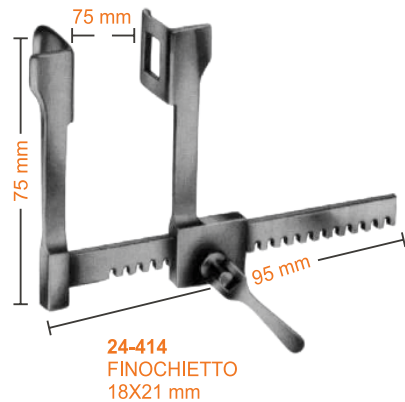


24-411 - 412
SAUERDRUCH-CORYLLOS
Rib rongeurs to shorten
the rib stumps
310 mm



24-413
MARKWALDER
Rib Rongeur to Round
the rib stumps
190 mm

Rib Spreaders





CONTACTS US.

EMAIL: info@technicalzonepk.com

WEBSITE: technicalzonepk.com

NUMBER: +(92) 3008-711-138

 **Technical
Zone**