

**ARSA**

**E N T E R P R I S E S**

**Vascular Instruments**

# MICRO NEEDLE HOLDERS

## Castroviejo Micro Needle Holder

- Flat Handled
- Tungsten Carbide Jaws
- Straight 1.2mm Jaws



With Lock	Serrated Jaws	Smooth Jaws	Without Lock	Serrated Jaws	Smooth Jaws
13cm	21-2187	21-2191	13cm	21-2195	21-2199
18cm	21-2188	21-2192	18cm	21-2196	21-2200
20cm	21-2189	21-2193	20cm	21-2197	21-2201
21cm	21-2190	21-2194	21cm	21-2198	21-2202



## Castroviejo Micro Needle Holder

- Flat Handled
- Diamond Dusted Jaws
- Straight 1.2mm Jaws

With Lock		Without Lock	
14cm	21-2203	14cm	21-2206
18cm	21-2204	18cm	21-2207
21cm	21-2205	21cm	21-2208

## Titanium Castroviejo Micro Needle Holder

- Flat Handled
- Diamond Dusted Jaws
- Straight 1.2mm Jaws



With Lock		Without Lock	
15cm	21-2209	15cm	21-2213
18cm	21-2210	18cm	21-2214
21cm	21-2211	21cm	21-2215
24cm	21-2212	24cm	21-2216

# MICRO NEEDLE HOLDERS

## Reill Micro Needle Holder

- Rounded Body
- Diamond Dusted Jaws
- Delicate 1mm Jaws



<b>With Lock</b> 14.5cm	<b>Straight</b> 21-2217	<b>Curved</b> 21-2218	<b>Without Lock</b> 14.5cm	<b>Straight</b> 21-2219	<b>Curved</b> 21-2220
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## Jacobson Micro Needle Holder

- Rounded Body
- Diamond Dusted Jaws
- Delicate 1mm Jaws STR



<b>With Lock</b>		<b>Without Lock</b>	
18cm	21-2221	18cm	21-2224
21cm	21-2222	21cm	21-2225
23cm	21-2223	23cm	21-2226

## Titanium Jacobson Micro Needle Holder

- Rounded Body
- Diamond Dusted Jaws
- Straight Jaws



<b>With Lock</b>		<b>Without Lock</b>	
	<b>Standard 1.2mm Jaws</b>	<b>Delicate 1mm Jaws</b>	
15cm	21-2227	21-2231	15cm
18cm	21-2228	21-2232	18cm
21cm	21-2229	21-2233	21cm
23cm	21-2230	21-2234	23cm
			<b>Standard 1.2mm Jaws</b>
			21-2235
			21-2236
			21-2237
			21-2238
			<b>Delicate 1mm Jaws</b>
			21-2239
			21-2240
			21-2241
			21-2242

# MICRO NEEDLE HOLDERS

## Jacobson Micro Needle Holder

- Rounded Body
- Tungsten Carbide Jaws
- 1.2mm Jaws



With Lock	Straight	Curved	Without Lock	Straight	Curved
15cm	21-2243	21-2247	15cm	21-2251	21-2255
18cm	21-2244	21-2248	18cm	21-2252	21-2256
21cm	21-2245	21-2249	21cm	21-2253	21-2257
23cm	21-2246	21-2250	23cm	21-2254	21-2258

## Jacobson 'Heavy Style' Needle Holder

- Rounded Body
- Diamond Dusted Jaws
- For Larger Needles - 3/0 size
- Straight Jaws



With Lock		Without Lock	
18cm	21-2259	18cm	21-2259
23cm	21-2260	23cm	21-2260
25cm	21-2261	25cm	21-2261

## Titanium Jacobson 'Heavy Style' Needle Holder

- Rounded Body
- Diamond Dusted Jaws
- For Larger Needles - 3/0 size
- Straight Jaws



With Lock		Without Lock	
18cm	21-2262	18cm	21-2265
23cm	21-2263	23cm	21-2266
25cm	21-2264	25cm	21-2267

# MICRO NEEDLE HOLDERS

## Barraquer Micro Needle Holder

- Rounded Body
- 0.4mm Jaws



Without Lock	Straight	Curved
13cm	21-2268	21-2271
15cm	21-2269	21-2272
18cm	21-2270	21-2273

## Castroviejo Micro Needle Holder

- Flat Handle
- 0.4mm Jaws



Without Lock	Curved
14cm	21-2274
18cm	21-2275

## Double Action Micro Needle Holder

- Round Body
- 0.4mm Jaws



Without Lock	Curved
15cm	21-2276
18cm	21-2277

# BAYONET MICRO NEEDLE HOLDERS



**Yasargil Bayonet Micro Needle Holder**

- Flat Handle
- Delicate 1mm Jaws

**With Lock**  
23cm

**Straight**  
21-2278

**Curved**  
21-2279

**Without Lock**  
15cm

**Straight**  
21-2280

**Curved**  
21-2281



**Bayonet Micro Needle Holder**

- Round Body
- Delicate 1mm Jaws

**With Lock**  
21cm  
23cm

**Straight**  
21-2282  
21-2283

**Curved**  
21-2284  
21-2285

**Without Lock**  
21cm  
23cm

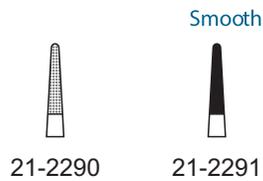
**Straight**  
21-2286  
21-2287

**Curved**  
21-2288  
21-2289

## RING HANDLED NEEDLE HOLDERS

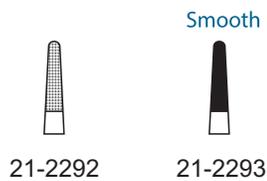
### Derf Needle Holder

- 12cm TC



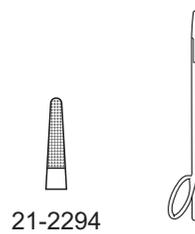
### Halsey Needle Holder

- 13cm TC



### Nieverts Needle Holder (offset ring)

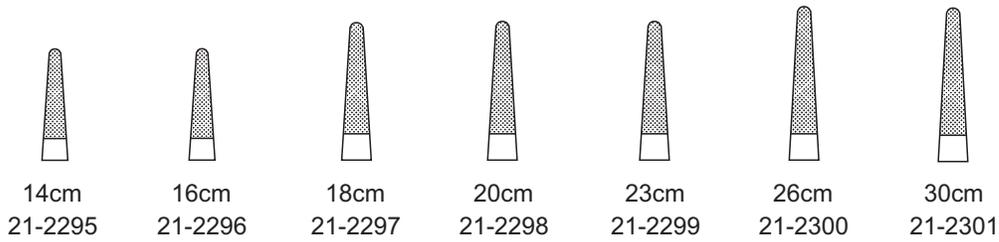
- 13cm TC



## RING HANDLED NEEDLE HOLDERS

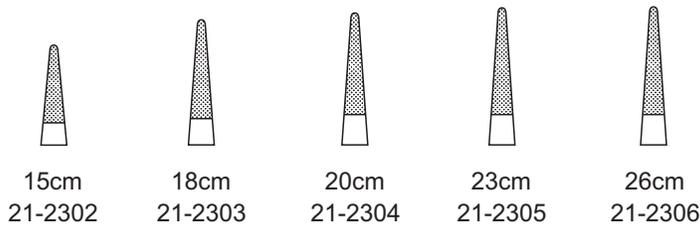
### Mayo Hegar Needle Holder

- Tungsten Carbide Inserts
- Heavy Jaws



### Crile Wood Needle Holder

- Tungsten Carbide Inserts
- Fine Jaws



## RING HANDLED NEEDLE HOLDERS

### DeBakey Needle Holder

- Tungsten Carbide Inserts
- Fine Jaws



18cm  
21-2307



23cm  
21-2308



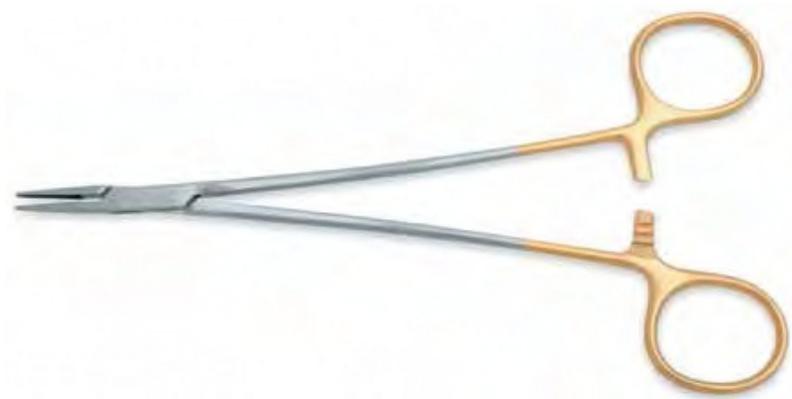
26cm  
21-2309



30cm  
21-2310

### Micro Vascular Needle Holder

- Tungsten Carbide Inserts
- Slim Delicate Pattern



15cm  
21-2311

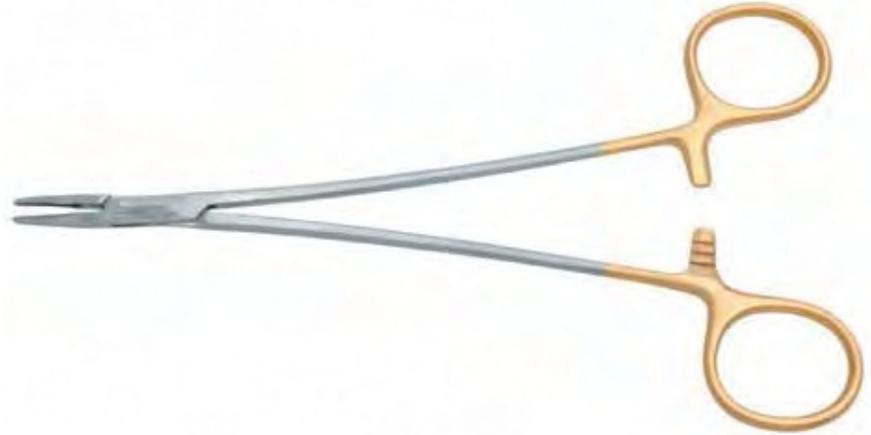


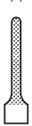
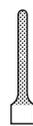
18cm  
21-2312

# RING HANDLED NEEDLE HOLDERS

## Micro Ryder Needle Holder

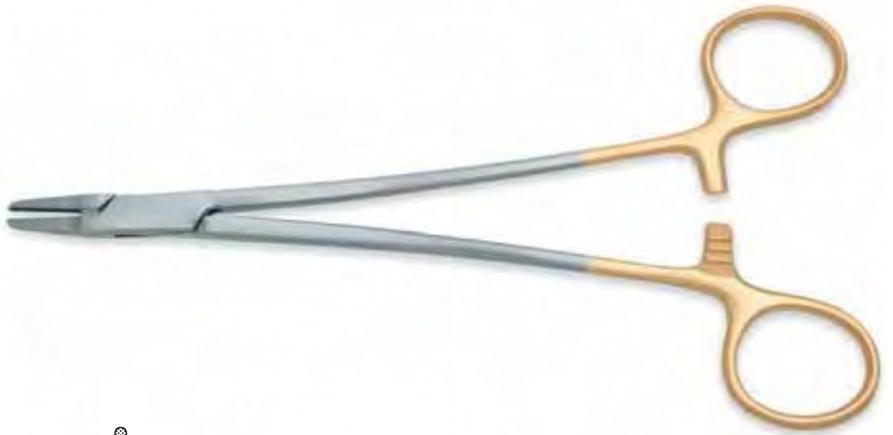
- Tungsten Carbide Inserts



1.4mm    		1.0mm    		
13cm 21-2313	15cm 21-2314	18cm 21-2315	20cm 21-2316	23cm 21-2317

## French Eye (Ryder) Needle Holder

- Tungsten Carbide Inserts



1.9mm    			
13cm 21-2318	15cm 21-2319	18cm 21-2320	20cm 21-2321

## RING HANDLED NEEDLE HOLDERS

### Fine Touch Needle Holder

- Diamond Dusted Jaws
- Delicate 1mm Jaws
- For 5/0 Sutures or Smaller



16cm	21-2322
18cm	21-2323
22cm	21-2324



### Stratte Needle Holder

- Tungsten Carbide Inserts
- Curved to side
- 23cm length



21-2325 \*illustrated



21-2326 Stratte reverse



### Berry Sternal Needle Holder

- Tungsten Carbide Inserts



18cm  
21-2327



# VASCULAR FORCEPS

## DeBakey-Diethrich Atraumatic Tissue Forceps

- Fine 1.5mm Atraumatic Jaws



15cm	21-2328
20cm	21-2329
24cm	21-2330



1/1



## DeBakey Atraumatic Tissue Forceps



		1.5mm Tips
15cm	21-2331	
20cm	21-2332	
24cm	21-2333	



		2mm Tips
15cm	21-2334	
20cm	21-2335	
24cm	21-2336	
30cm	21-2337	



		2.8mm Tips
15cm	21-2338	
20cm	21-2339	
24cm	21-2340	
30cm	21-2341	



## Titanium DeBakey Atraumatic Tissue Forceps



		1.5mm Tips
15cm	21-2342	
20cm	21-2343	
24cm	21-2344	



		2mm Tips
15cm	21-2345	
20cm	21-2346	
24cm	21-2347	



		2.8mm Tips
15cm	21-2348	
20cm	21-2349	
24cm	21-2350	

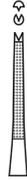


## VASCULAR FORCEPS

### Gillies Dissecting Forceps

- 15cm length
- Toothed

21-2351



### McIndoes Dissecting Forceps

- 15cm length
- Non-Toothed

21-2352



### Titanium Cushing Dissecting Forceps

- 18cm length
- Serrated 1mm Tips

21-2353



### Adson Bayonet Dissecting Forceps

- 19cm length
- Flat Handled

21-2354 Serrated tip

21-2355 Toothed



## VASCULAR FORCEPS

### Gerald-DeBakey Forceps

- Flat Handled
- 1.2mm DeBakey Tips

17cm 21-2356  
21cm 21-2357



### Titanium Gerald-DeBakey Forceps

- Flat Handled
- 1.2mm DeBakey Tips

17cm 21-2358  
21cm 21-2359



### Gerald Tissue Forceps

- Flat Handled
- Tungsten Carbide Tips
- 1.2mm Tips

17.5cm 21-2360



### Gerald Plain Forceps

- Flat Handled
- Diamond Dusted Tips
- 1.2mm Tips

17.5cm 21-2361



## VASCULAR FORCEPS

### Gerald Platform Forceps

- Flat Handled
- Tying platform 6x1mm
- Diamond Dusted Tips

17.5cm 21-2362  
 21cm 21-2363



### Titanium Gerald Platform Forceps

- Flat Handled
- Tying platform 6x1mm
- Diamond Dusted Tips

17.5cm 21-2364  
 21cm 21-2365



### Gerald Micro Ring Tip Forceps

- Flat Handled
- 1mm Diamond Dusted Rings

17.5cm 21-2366  
 21cm 21-2367



### Titanium Gerald Micro Ring Tip Forceps

- Flat Handled
- 1mm Diamond Dusted Rings

17.5cm 21-2368  
 21cm 21-2369



# ROUND BODIED MICRO FORCEPS

## Micro Platform Forceps

- Diamond Dusted Tips



18cm      21-2370  
21cm      21-2371



## Titanium Micro Platform Forceps

- Diamond Dusted Tips



18cm      21-2372  
21cm      21-2373



## Micro Platform Forceps with Counter Balance

- Diamond Dusted Tips



18cm      21-2374  
21cm      21-2375



## Titanium Micro Platform Forceps with Counter Balance

- Diamond Dusted Tips



18cm      21-2376  
21cm      21-2377



## ROUND BODIED MICRO FORCEPS

### Micro Ring Tip Forceps

- Diamond Dusted 1mm Ring



18cm 21-2378  
 21cm 21-2379



### Titanium Micro Ring Tip Forceps

- Diamond Dusted 1mm Ring



18cm 21-2380  
 21cm 21-2381



### Micro Ring Tip Forceps with Counter Balance

- Diamond Dusted 1mm Ring



18cm 21-2382  
 21cm 21-2383



### Titanium Micro Ring Tip Forceps with Counter Balance

- Diamond Dusted 1mm Ring



18cm 21-2384  
 21cm 21-2385



## ROUND BODIED MICRO FORCEPS

### DeBakey Micro Forceps

- Round Bodied
- 1mm DeBakey Tips



18cm 21-2386  
21cm 21-2387



### Titanium DeBakey Micro Forceps

- Round Bodied
- 1mm DeBakey Tips



18cm 21-2388  
21cm 21-2389



### DeBakey Micro Forceps

- Round Bodied
- 1mm DeBakey Tips
- With Counter Balance



18cm 21-2390  
21cm 21-2391



## MICRO BAYONET FORCEPS

### Bayonet Micro Forceps

- Round Bodied
- Blunt 1mm Tips

21cm      21-2392  
 23cm      21-2393



### Yasargil Bayonet Micro Forceps

- Flat Handled
- Blunt 1mm Tips

22.5cm      21-2394  
 24cm      21-2395



### Yasargil Bayonet Tumor Grasping Forceps

- Flat Handled
- 22.5cm length



Plain Ring

3mm Ø      21-2396  
 5mm Ø      21-2397



Serrated Ring

3mm Ø      21-2398  
 5mm Ø      21-2399



Toothed Ring

3mm Ø      21-2400  
 5mm Ø      21-2401

## BIPOLAR FORCEPS

### **Straight Bipolar Forceps**

- 10.5cm length



Tip Size

0.7mm	21-2402
1mm	21-2403
Blunt	21-2404

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### **Straight Bipolar Forceps**

- 16.5cm length



Tip Size

0.7mm	21-2405
1mm	21-2406

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### **Straight Bipolar Forceps**

- 19cm length



Tip Size

0.7mm	21-2407
1mm	21-2408

# BIPOLAR FORCEPS

## Bayonet Bipolar Forceps

- 19cm length

Tip Size

0.7mm	21-2408
1mm	21-2409
2mm	21-2410



## Bayonet Bipolar Forceps

- 22.5cm length

Tip Size

0.3mm	21-2411
0.7mm	21-2412
1.2mm	21-2413



## Bayonet Bipolar Forceps

- 24cm length

Tip Size

0.3mm	21-2414
0.7mm	21-2415
1.2mm	21-2416



21-2417



- Fitting Block End Forceps
- Banana Plug Vallylab Machine Fitting
- 4.5 meter length

21-2418



- Fitting Block End Forceps
- Erbe Machine Fitting
- 4.5 meter length

# BIPOLAR SCISSORS

## Bipolar Clamp

- 23cm length
- Curved jaws

21-2419



While bipolar technique is being used, high frequency current flows between the two ends of the bipolar instrument and focuses only on the small surface of tissue placed between them. There is no dangerous flow of current through the patient's body. This minimises the risk of burns in areas that are distant from the surface being operated on. Bipolar techniques are safer than monopolar techniques.

21-2420

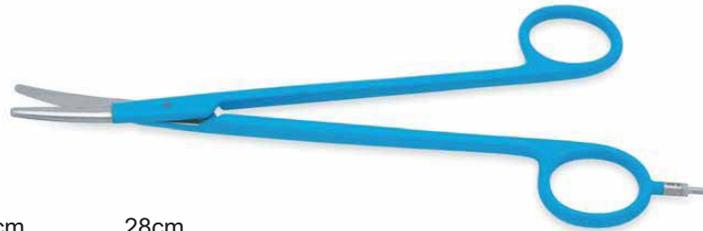
- Bipolar Cable for Bipolar Clamp with 2 banana plugs, 5m length



## Bipolar Scissors

- Curved blades
- Metzenbaum Pattern

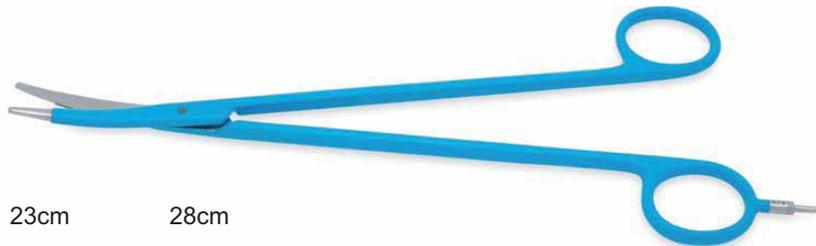
18cm	21cm	23cm	28cm
21-2421	21-2422	21-2423	21-2424



## Bipolar Scissors

- Curved slim blades
- Metzenbaum Pattern

18cm	21cm	23cm	28cm
21-2425	21-2426	21-2427	21-2428



## Bipolar Cables

- For use with Bipolar scissors
- 5 Meter cable



Valleylab  
21-2429



Martin  
21-2430



Banana plugs  
21-2431



## SCISSORS

### Iris Scissors

- 11.5cm Straight
- Micro Serrated Cutting Edge

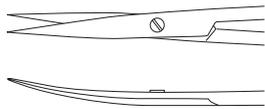
21-2432



### Iris Scissors

- 11.5cm Curved
- Micro Serrated Cutting Edge

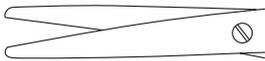
21-2433



### Strabismus Scissors

- 11.5cm Straight
- Micro Serrated Cutting Edge

21-2434



### Strabismus Scissors

- 11.5cm Curved
- Micro Serrated Cutting Edge

21-2435



## SCISSORS

### Stevens Tenotomy Scissors

- 11.5cm Curved
- Micro Serrated Cutting Edge

21-2436



### Stevens-Stille Pattern Tenotomy Scissors

- 12.5cm Curved
- Micro Serrated Cutting Edge
- Larger Oversized Rings

21-2437



### Jameson-Werber Scissors

- 13.5cm Curved
- Micro Serrated Cutting Edge

21-2438



### Jameson Scissors

- 15cm Curved
- Micro Serrated Cutting Edge

21-2439



### Jameson Scissors

- 15cm Curved
- Micro Serrated Cutting Edge
- Strong Pattern

21-2440



## SCISSORS

### Slim Baby Metzenbaum easy-cut Scissors

- 14cm Curved
- Micro Serrated Cutting Edge

21-2441



### Slim Metzenbaum easy-cut Scissors

- 18cm Curved
- Micro Serrated Cutting Edge

21-2442



### Baby Metzenbaum easy-cut Scissors

- 14cm Curved
- Micro Serrated Cutting Edge

21-2443



### McIndoe / Metzenbaum easy-cut Scissors

- 18cm Curved
- Micro Serrated Cutting Edge

21-2444



### Nelson Metzenbaum easy-cut Scissors

- 23cm Curved
- Micro Serrated Cutting Edge

21-2445



## SCISSORS

### Mayo easy-cut Scissors

- 14cm Straight
- Micro Serrated Cutting Edge

21-2446



### Mayo easy-cut Scissors

- 14cm Curved
- Micro Serrated Cutting Edge

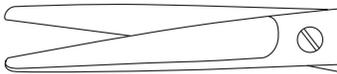
21-2447



### Mayo easy-cut Scissors

- 17cm Straight
- Micro Serrated Cutting Edge

21-2448



### Mayo easy-cut Scissors

- 17cm Curved
- Micro Serrated Cutting Edge

21-2449



## DIETRICH SCISSORS

### Dietrich Coronary Scissors - Standard Pattern

- 18cm Length
- Needle Fine Tips
- Polished Fine Blades
- 12mm Blade length



25° angled  
21-2450



45° angled  
21-2451



60° angled  
21-2452



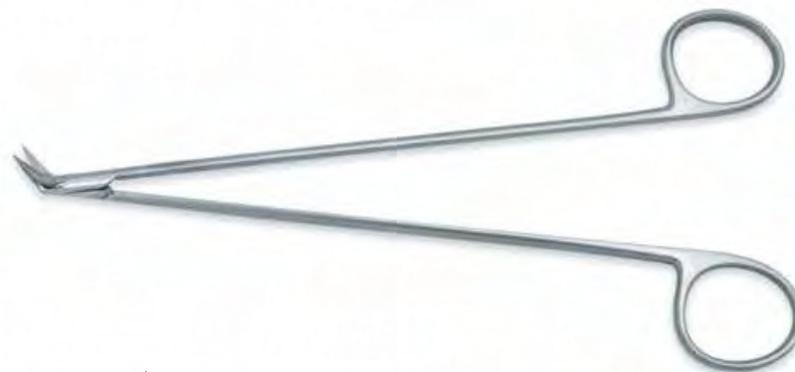
90° angled  
21-2453



125° angled  
21-2454

### Dietrich Coronary Scissors - Short Fine Blade

- 18cm Length
- Needle Fine Tips
- Precise Polished Blades
- 8mm Blade length



25° angled  
21-2455



45° angled  
21-2456



60° angled  
21-2457



90° angled  
21-2458



125° angled  
21-2459

## DIETRICH SCISSORS

### Dietrich Coronary Scissors - Extra Long Delicate Blades

- 18cm Length
- Needle Fine Tips
- Precise Polished Blades
- 15mm Blade length



25° angled  
21-2460



45° angled  
21-2461



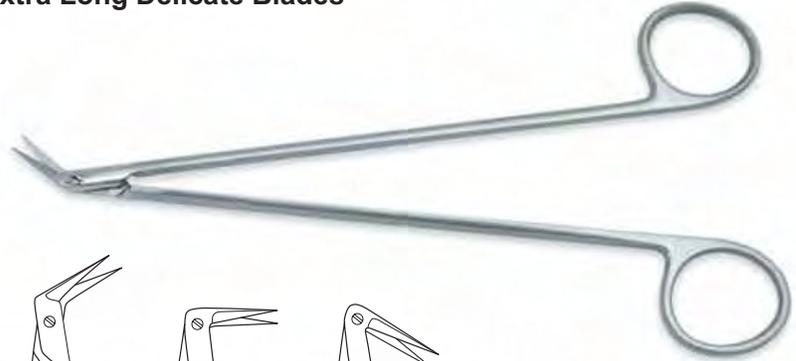
60° angled  
21-2462



90° angled  
21-2463



125° angled



### Dietrich Coronary Scissors - with Guide Rail

- 18cm Length
- 12mm Blade length

125° angled blades  
21-2465



### Favaloro Coronary Scissors

- 17cm Length
- 12mm Blade length

125° angled blades  
21-2466



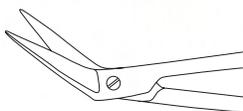
# SCISSORS

## Potts-Smith Vascular Scissors

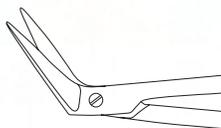
- 19cm Length
- Blades angled to side



25° angled  
21-2467



45° angled  
21-2468



60° angled  
21-2469

## Jacobson Bayonet Micro Scissors

- Flat Handled
- 18cm length



Straight  
21-2470

Curved  
21-2471

## Yasargil Bayonet Micro Scissors

- Flat Handled
- 22.5cm length



Standard Blade



Straight  
21-2472

Vannas Blade



Straight  
21-2474



Curved  
21-2473



Curved  
21-2475

## MICRO CORONARY SCISSORS

### Castroviejo Micro Scissors

- Flat Handled
- 9cm length
- 45° Angled Blades
- 14mm Blade length



21-2476

### Castroviejo Micro Scissors

- Round Handled
- 11cm length
- 45° Angled Blades
- 14mm Blade length



21-2477

### Micro Coronary Scissors - Standard 10mm Blades

- Round Handled - Shot length
- 14cm length
- Blades Angled to side



25° angled  
21-2478



45° angled  
21-2479



60° angled  
21-2480



90° angled  
21-2481



125° angled  
21-2482

## MICRO CORONARY SCISSORS

### Micro Coronary Scissors - Standard 10mm Blades

- Round Handled
- 18cm length
- Blades Angled to side



25° angled  
21-2483



45° angled  
21-2484



60° angled  
21-2485



90° angled  
21-2486



125° angled  
21-2487

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### Micro Coronary Scissors - Short Fine 8mm Blades

- Round Handled
- 18cm length
- Blades Angled to side



25° angled  
21-2488



45° angled  
21-2489



60° angled  
21-2490



90° angled  
21-2491



125° angled  
21-2492

# MICRO CORONARY SCISSORS

## Micro Coronary Scissors - Standard 10mm Blades

- Flat Handled
- 18cm length
- Blades Angled to side



25° angled  
21-2493



45° angled  
21-2494



60° angled  
21-2495



90° angled  
21-2496



125° angled  
21-2497

## Micro Coronary Scissors - Short Fine 8mm Blades

- Flat Handled
- 18cm length
- Blades Angled to side



25° angled  
21-2498



45° angled  
21-2499



60° angled  
21-2500



90° angled  
21-2501



125° angled  
21-2502

## MICRO SCISSORS

### Straight Micro Scissors

- Flat Handled
- 15cm length
- Blades 19mm long

21-2503

Adventitia Scissors with pointed tips



21-2504

Available with Micro  
Serrations for nerve  
cutting -Straight

### Curved Micro Scissors

- Flat Handled
- 15cm length
- Blades 19mm long

21-2505

Dissecting Scissors with rounded tips



21-2506

Available with Micro  
Serrations for nerve  
cutting -Curved

### Straight Micro Scissors

- Flat Handled
- 15cm length
- Blades 15mm long

21-2507

Adventitia Scissors with pointed tips



### Curved Micro Scissors

- Flat Handled
- 15cm length
- Blades 15mm long

21-2508

Dissecting Scissors with rounded tips



## MICRO SCISSORS

### **Straight Micro Scissors**

- Round Handled
- 15cm length
- Blades 12mm long

21-2509

Adventitia Scissors with pointed tips



### **Curved Micro Scissors**

- Round Handled
- 15cm length
- Blades 12mm long

21-2510

Dissecting Scissors with rounded tips



### **Straight Micro Scissors**

- Round Handled
- 18cm length
- Blades 14mm long

21-2511

Adventitia Scissors with pointed tips



### **Curved Micro Scissors**

- Round Handled
- 18cm length
- Blades 14mm long

21-2512

Dissecting Scissors with rounded tips



## RIB SPREADERS

### Titanium Neonates Sternal Spreader

- Including 2 pairs of Interchangeable Blades
- 52mm spread, 40mm arm length

21-2513



Fenestrated  
Blades x2  
10mm width  
15mm depth



Solid  
Blades x2  
20mm width  
15mm depth



### Morse-Favaloro Sternal Spreader

- Double Swivel Blades

Code	Arm length	Blade depth	Size
21-2514	55mm	12mm	Infant
21-2515	70mm	13mm	Infant
21-2516	80mm	14mm	Paediatric
21-2517	95mm	15mm	Paediatric
21-2518	110mm	19mm	Adolescent
21-2519	130mm	19mm	Adolescent
21-2520	145mm	21mm	Adolescent



### Waterston Rib Spreader

- Infant size

21-2521



Arm length	Blade depth	Blade depth
195mm	40mm	20mm

## RIB SPREADERS

### Finochietto Rib Spreader



Code	Blade depth	Blade depth	Spread
21-2522	21mm	18mm	85mm
21-2523	45mm	36mm	150mm
21-2524	60mm	44mm	225mm
21-2525	65mm	50mm	225mm
21-2526	65mm	65mm	225mm

### Sellors Rib Spreader

21-2527

Supplied with set of 3 sizes of Blades and Key

Small Blade 38mm Depth  
 Medium Blade 45mm Depth  
 Large Blade 65mm Depth

- Max spread 225mm



38mm Depth  
Small Blade



45mm Depth  
Medium Blade



65mm Depth  
Large Blade



Key

## RIB SPREADERS

### Tuffier Rib Spreader

21-2528

Blade width	Blade depth
45mm	50mm



### Tudor Edwards Modified Tuffier Rib Spreader

- Complete with key

21-2529

Blade width	Blade depth
25mm	35mm



### Tudor Edwards Rib Spreader

21-2530

Supplied with set of 3 sizes of  
Blades and Key

Small Blade	25mm Depth
Medium Blade	50mm Depth
Large Blade	75mm Depth



25mm Depth  
Small Blade



50mm Depth  
Medium Blade



75mm Depth  
Large Blade



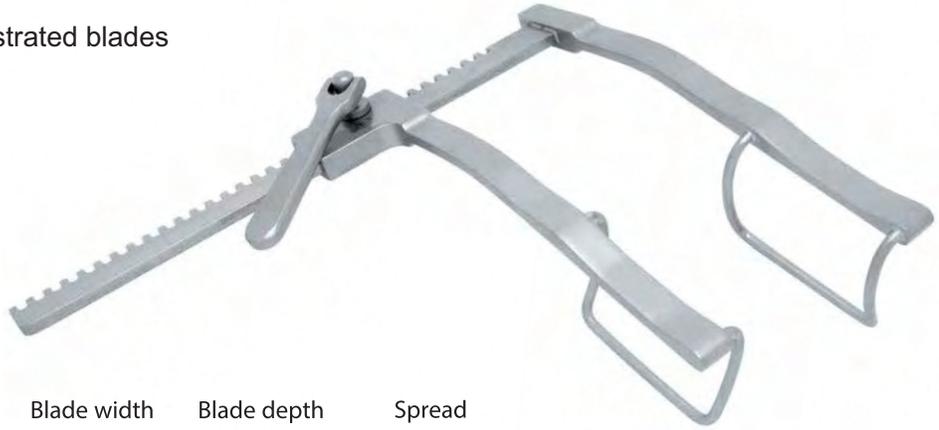
Key

## RIB SPREADERS

### Ronald Edwards Rib Spreader

- Curved arms, fenestrated blades

21-2531



Code		Blade width	Blade depth	Spread
21-2532	Medium	30mm	50mm	135mm
21-2533	Large	65mm	75mm	205mm

### Papworth Rib Spreader

- 225mm spread

21-2534



Blade width	Blade depth
65mm	25mm

## RIB SPREADERS

### Sellors Rib Approximator & Spreader Combined

- 20cm length

21-2535



### IMA Rib Retractor

- Complete set for internal Mammary Artery Surgery
- Converts left or right side

Set Includes:

- Frame
- Channelled blade 100mm
- Claw Blade short 28mm
- Claw blade long 32mm

21-2536



### Channeled Blade

- 100mm long x 20mm wide



### Claw Blades



Lengths

- 28mm\*
- 32mm\*
- 38mm
- 43mm
- 50mm

\* included in Set

# RIB SPREADERS

## Cooley Cosgrove Mitral Valve Retractor



### 21-2537 Complete Set

Consisting of:

- 1x Cooley Rib Spreader Adult Blades 40mm x 110mm with Cosgrove Mounting Bars
- 1x Main Bracket Attachment
- 3x Universal Clamps
- 1x Side Arm Bar
- 1x Tricuspid Retractor Blade
- 1x Large Retractor Blade
- 3x Small Retractor Blades



Retractor Blade Large

21-2538



Retractor Blade Small

21-2539



Tricuspid Retractor Blade

Universal Clamp

21-2543



Main Bracket Attachment

21-2542



Side Arm Bar

21-2541

# ABDOMINAL RING RETRACTOR

## Abdominal Ring Retractor System



### 21-2544 Complete Set

Consisting of:

- 1x Table Post
- 1x Horizontal Bar
- 1x Horizontal Flexible Bar
- 1x Post Coupling
- 1x Medium Oval Ring
- 1x Segmented Oval Ring
- 2x Ratchet Mechanisms
- 6x Tilt Ratchet Mechanisms
- 3x Malleable Retractor Blades
- 4x Kelly Retractor Blades
- 1x Balfour Retractor Blade
- 1x Harrington Retractor Blade

### Components:

#### Table Post

21-2545



#### Horizontal Bar

21-2546



#### Horizontal Flexible Bar

21-2547



#### Post Coupling

21-2548



#### Ratchet Mechanism

21-2549



#### Tilt Ratchet Mechanism

21-2550



# ABDOMINAL RING RETRACTOR

## Medium Oval Ring

21-2551



## Segmented Oval Ring

21-2552



## Malleable Retractor Blades

Code	Blade Size width x depth
21-2553	38mm x 152mm
21-2554	51mm x 152mm
21-2555	76mm x 152mm



## Kelly Retractor Blades

Code	Blade Size width x depth
21-2556	51mm x 76mm
21-2557	51mm x 102mm
21-2558	51mm x 127mm
21-2559	51mm x 154mm



## Balfour Retractor Blades

Code	Blade Size width x depth
21-2560	67mm x 76mm



## Harrington Retractor Blades

Code	Blade Size width x depth
21-2561	63mm x 143mm



## RETRACTORS & HOOKS

### Jacobson Micro Vessel Probe

- 18.5cm
- Probe with ball tip

21-2562



### Krayenbühl Nerve & Vessel Hook

- 18.5cm



21-2563



21-2564



21-2565



21-2566



### Adson Dural Hook

- 19cm
- 2mm tip length

Sharp  
21-2567

Blunt  
21-2568



### Cushing Blunt Hook

- 19cm
- 3mm tip length

21-2569



### Crile Blunt Hook

- 20cm
- 7mm tip length

21-2570



### Adson Hook

- 20cm
- 5mm tip length

Sharp  
21-2571

Blunt  
21-2572



### Blalock Blunt Hook

- 24cm
- 5mm tip length

21-2573



## RETRACTORS & HOOKS

### Gillies Skin Hook

- 18cm

21-2574 Small size

21-2575 Large size



### Klienert-Kutz Skin Hook

- 16cm

21-2576



### Ragnell-Davies Retractor

- 14cm

21-2577



### Mini-Langenbeck Retractor

- 16cm

21-2578 10 x 6mm \*illustrated

21-2579 17 x 5mm



### Desmarres Saddle Retractor

- 16cm
- 12mm width

21-2580



### Senn-Miller Double Ended Catspaw Retractor

- 16cm

21-2581 Sharp prongs

21-2582 Blunt prongs



### Kilner-Miniature Pattern Catspaw Retractor

- 15cm

21-2583



## RETRACTORS

### Langenbeck Retractor

- 21.5cm



Code	Blade Size depth x width	
21-2584	22mm x 6mm	Small
21-2585	45mm x 13mm	Medium
21-2586	65mm x 25mm	Large
21-2587	90mm x 20mm	X-large

### Morris Retractor

- 25cm



Code	Blade Size depth x width
21-2588	50mm x 40mm
21-2589	50mm x 50mm
21-2590	50mm x 65mm
21-2591	70mm x 40mm
21-2592	70mm x 50mm
21-2593	70mm x 65mm

### Deavers Abdominal Retractor



Code	length	width
21-2594	300mm	25mm
21-2595	350mm	25mm
21-2596	300mm	38mm
21-2597	300mm	50mm
21-2598	300mm	75mm

## RETRACTORS

### Tudor Edwards Scapula Retractor

- 20cm
- Toothed blades 50mm x 45mm

21-2599



### Brompton Erector Spinae Retractor

- Hollow handle
- 20cm
- 2 Prong Blades

21-2600



### Brock Erector Spinae Retractor

- Hollow handle
- 20cm

21-2601



### Allison Lung Retractor



Code		length
21-2602	Infant	28cm
21-2603	Child	28cm
21-2604	Adult	30cm

### Ross Aortic Retractor

- 26cm

Code	width	Code	width
21-2605	No.1	21-2608	No.4
21-2606	No.2	21-2609	No.5
21-2607	No.3	21-2610	No.6



## RETRACTORS

### Baby Weitlaner S/R Retractor

- 2 x 3 Blunt Prongs
- 11.5cm

21-2611



### Wests S/R Retractor

- 3 x 4 Sharp Prongs
- 14cm

21-2612



### Travers S/R Retractor

- 4 x 5 Sharp Prongs
- 20cm

21-2613



### Norfolk & Norwich S/R Retractor

- 4 x 5 Sharp Prongs
- 20cm

21-2614



# RIB RASPATORY

## Doyen Periosteal Elevator - Right

- 21-2615 Child - 15cm length
- 21-2616 Adult - 16.5cm length



## Doyen Periosteal Elevator - Left

- 21-2617 Child - 15cm length
- 21-2618 Adult - 16.5cm length



## Price Thomas Rib Raspatory

- 21-2619 12mm width
- 21-2620 20mm width



## Semb Rib Raspatory



							
No.1 short shaft, notched end for rib edge, 200mm	No.2 long shaft, notched end for rib edge, 235mm	No.3 short shaft, straight end, 190mm	No.4 long shaft, straight end, 250mm	No.5 short shaft, oval blade, 220mm	No.6 short shaft, angled oval end for back of first rib, 195mm	No.7 long shaft, for edge of first rib, 250mm	No.8 chisel end for disarticulation of costo vertebral joint, 200mm
21-2621	21-2622	21-2623	21-2624	21-2625	21-2626	21-2627	21-2628

## RIB CUTTERS

### Stille-Liston Bone Cutters

- Double Action
- Straight
- 27cm

21-2629



### Liston-Key-Horsley Bone Cutters

- Double Action
- Angled
- 27cm

21-2630



### Tudor Edwards/Vehmehren Costotome

- 24cm
- For Cutting Ribs

21-2631



## WIRE CUTTERS

### Muller Claus Wire Cutters

- 16cm
- Tungsten Carbide Edges
- Cuts wire up to 1.6mm Ø

21-2632



### Muller Claus Wire Cutters

- Tungsten Carbide Edges

21-2633

- 18cm/7" length (\*illustrated)
- Cuts wire up to 2mm Ø

21-2634

- 22cm/8 3/4" length
- Cuts wire up to 3mm Ø



### End Wire Cutters

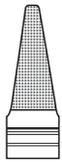
- 18cm
- Tungsten Carbide Edges
- Cuts wire up to 1.7mm Ø

21-2635

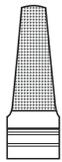


### Muller Claus Wire Pullers

- 18cm



2mm Jaws  
21-2636



4mm Jaws  
21-2637



6mm Jaws  
21-2638



## DISSECTORS

### Titanium Micro Round Dissectors

- 19cm



### Titanium Micro Elevators

- 19cm



### Titanium Micro Spatula Dissectors

- 19cm



### Titanium Micro Hooks

- 19cm



### Titanium Micro Curettes

- 19cm



## DISSECTORS

### Titanium Micro Ball Dissectors

- 19cm

  
**Straight**  
21-2653

  
**90° 3mm Tip**  
21-2654

  
**90° 5mm Tip**  
21-2655

  
**40° 4mm Tip**  
21-2656

  
**40° 8mm Tip**  
21-2657



### Dissectors Sterilizing Rack

- To hold 19 Micro Dissectors

21-2658

Complete Set

- Including Rack and 19 Micro Dissectors

21-2659



### MacDonalds Dissectors

- 19cm

21-2660



### Watson Cheyne Dissectors

21-2661 12.5cm

21-2662 18cm

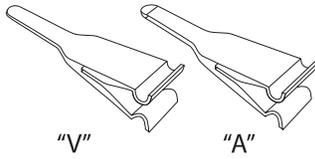


### Freer Dissectors

19cm  
21-2661



# ACLAND MICRO CLAMPS



- Light and compact design
- Extremely durable
- A unique gripping surface
- Smooth sliding bar action on all approximator clamps
- Clamp profile with parallel sided jaws
- Matt or black finish

## "A" or "V" Pattern?

Throughout the series, the "V" pattern is the all-purpose clamp, commonly used on all veins, and almost all arteries. The "A" pattern, available in all sizes, is designed for exceptionally thick-walled vessels and slippery arteries. The slight incurve of the tips of the "A" pattern jaw provides extra security against slippage.



Acland  
Clamp Container  
21-2662



## Ordering details

### SINGLE CLAMPS

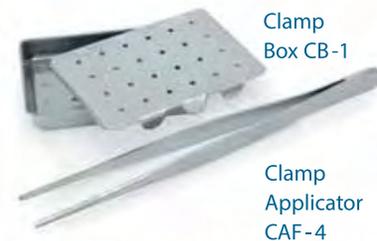
21-2663 V 21-2664 A		CLAMP SIZE <b>B - 1</b> 0.4 - 1.0mm
21-2665 V 21-2666 A		<b>B - 2</b> 0.6 - 1.5mm
21-2667 V 21-2668 A		<b>B - 3</b> 1.0 - 2.25mm
21-2669		<b>HD - S</b> 1.5 - 3.5mm
21-2670		<b>RD - S</b> 2.0 - 5.0mm

### DOUBLE APPROXIMATING CLAMPS

21-2671 V 21-2672 A		CLAMP SIZE <b>ABB - 11</b> 0.4 - 1.0mm
21-2673 V 21-2674 A		<b>ABB - 22</b> 0.6 - 1.5mm
21-2675 V 21-2676 A		<b>ABB - 33</b> 1.0 - 2.25mm
21-2677		<b>HD - D</b> 1.5 - 3.5mm
21-2678		<b>RD - D</b> 2.0 - 5.0mm

### DOUBLE CLAMPS WITH FRAME

21-2679 V 21-2680 A		CLAMP SIZE <b>ABB - 1</b> 0.4 - 1.0mm
21-2681 V 21-2682 A		<b>ABB - 2</b> 0.6 - 1.5mm
21-2683 V 21-2684 A		<b>ABB - 3</b> 1.0 - 2.25mm



# DISPOSABLE VESSEL CLAMPS

- Sterile, single use, disposable
- Atraumatic jaws
- Colour coded for better differentiation
- Consistent and reliable closing pressure
- Designed for use on veins and arteries
- Light weight
- Blue, black and purple finish provides excellent contrast in the field
- Radiopaque
- Eliminates cleaning and processing problems
- Economical

## Single Clamps



P - 1  
0.4 - 1mm  
Vessels  
21-2685



P - 2  
0.6 - 1.5mm  
Vessels  
21-2686



P - 3  
1.0 - 2.5mm  
Vessels  
21-2687

## Double Clamps



APP - 11  
0.4 - 1mm  
Vessels  
21-2688



APP - 22  
0.6 - 1.5mm  
Vessels  
21-2689



APP - 33  
1.0 - 2.5mm  
Vessels  
21-2690

# BULLDOG CLAMPS

## Diethrich Mini Bulldog Clamps

- Straight
- Weight 3g
- Closing Pressure 80g



Overall length	50mm	55mm	60mm	65mm
Jaw length	8mm	12mm	16mm	20mm
Code	21-2691	21-2692	21-2693	21-2694

## Diethrich Mini Bulldog Clamps

- Angled
- Weight 3g
- Closing Pressure 80g

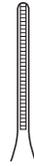
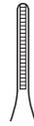


Overall length	43mm	45mm	50mm	55mm
Jaw length	8mm	12mm	16mm	20mm
Code	21-2695	21-2696	21-2697	21-2698

# BULLDOG CLAMPS

## DeBakey-Diethrich Mini Bulldog Clamps

- Straight
- Weight 3g
- Closing Pressure 80g



Overall length  
Jaw length

47mm  
10mm

51mm  
14mm

57mm  
20mm

Code

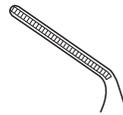
21-2699

21-2700

21-2701

## DeBakey-Diethrich Mini Bulldog Clamps

- Angled
- Weight 3g
- Closing Pressure 80g



Overall length  
Jaw length

44mm  
10mm

46mm  
14mm

49mm  
20mm

Code

21-2702

21-2703

21-2704

## BULLDOG CLAMPS

Low Closing Pressure for Veins 110gr marked with V  
 High Closing Pressure for Arteries 220gr marked with A

### Titanium Mini Glover Bulldog Clamps

- Straight
- Weight 0.8g



				
Overall length	30mm	35mm	40mm	50mm
Jaw length	11mm	15mm	17mm	24mm
Vein	21-2705	21-2706	21-2707	21-2708
Low Closing Pressure				
Arterial	21-2709	21-2710	21-2711	21-2712
High Closing Pressure				

### Titanium Mini Glover Bulldog Clamps

- Curved
- Weight 0.8g



				
Overall length	30mm	35mm	40mm	50mm
Jaw length	11mm	15mm	17mm	24mm
Vein	21-2713	21-2714	21-2715	21-2716
Low Closing Pressure				
Arterial	21-2717	21-2718	21-2719	21-2720
High Closing Pressure				

### Titanium Mini Glover Bulldog Clamps

- Strongly Curved
- Weight 0.8g



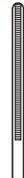
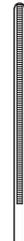
				
Overall length	30mm	35mm	40mm	50mm
Jaw length	11mm	15mm	17mm	24mm
Vein	21-2721	21-2722	21-2723	21-2724
Low Closing Pressure				
Arterial	21-2725	21-2726	21-2727	21-2728
High Closing Pressure				

## BULLDOG CLAMPS

### Glover Bulldog Clamps

- Straight
- Closing Pressure Adjustable



				
Overall length	50mm	68mm	85mm	105mm
Jaw length	20mm	30mm	43mm	56mm
Code	21-2729	21-2730	21-2731	21-2732

### Glover Bulldog Clamps

- Curved
- Closing Pressure Adjustable



				
Overall length	46mm	64mm	78mm	100mm
Jaw length	20mm	30mm	43mm	56mm
Code	21-2733	21-2734	21-2735	21-2736

### Mini-Glover Bulldog Clamps

- Weight 12g



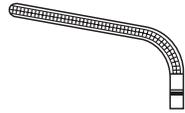
				
Overall length	35mm	35mm	35mm	35mm
Jaw length	14mm	14mm	14mm	14mm
Code	21-2737	21-2738	21-2739	21-2740

## BULLDOG CLAMPS

### Glover Bulldog Clamps

- Angled
- 55mm length jaws

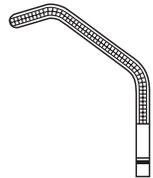
21-2741



### DeBakey-Satinsky Bulldog Clamps

- Curved
- 55mm length jaws

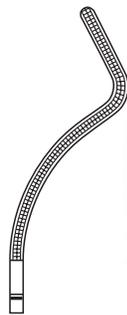
21-2742



### DeBakey Carotid Bulldog Clamps

- Curved
- 90mm length jaws

21-2743



### DeBakey-Sainsky Bulldog Clamps

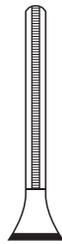
- Curved
- 100mm length jaws

21-2744



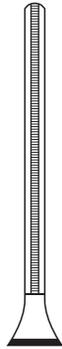
# BULLDOG CLAMPS

## Gregory 'Soft' Carotid Bulldog Clamps

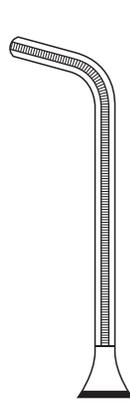


Overall length  
Jaw length  
Code

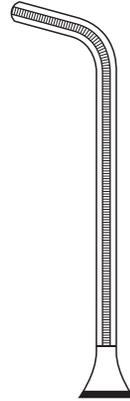
90mm  
27mm  
21-2745



110mm  
44mm  
21-2746



105mm  
55mm  
21-2747



110mm  
60mm  
21-2748

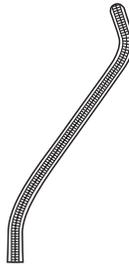
## Modified Gregory 'Soft' Bulldog Clamps

- Curved
- Weight 12g



Overall length  
Jaw length  
Code

110mm  
60mm  
21-2749  
curved to left

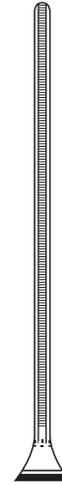
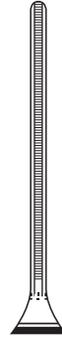
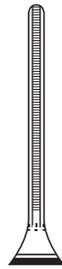
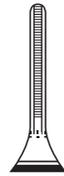


110mm  
60mm  
21-2750  
curved to right

## BULLDOG CLAMPS

### DeBaley Bulldog Clamps

- Straight



Overall length  
Jaw length

80mm  
20mm

90mm  
30mm

105mm  
45mm

125mm  
68mm

Code

21-2750

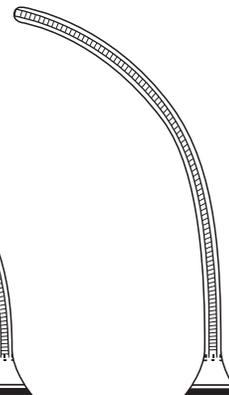
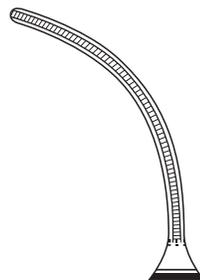
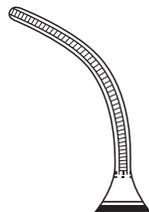
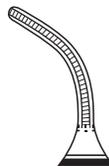
21-2751

21-2752

21-2753

### DeBaley Bulldog Clamps

- Curved



Overall length  
Jaw length

75mm  
20mm

85mm  
30mm

95mm  
45mm

115mm  
68mm

Code

21-2754

21-2755

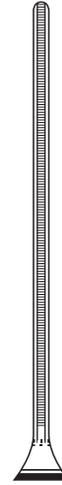
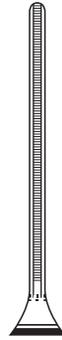
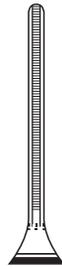
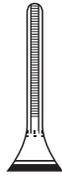
21-2756

21-2757

# BULLDOG CLAMPS

## Titanium DeBaley Bulldog Clamps

- Straight



Overall length  
Jaw length

80mm  
20mm

90mm  
30mm

105mm  
45mm

125mm  
68mm

Code

21-2758

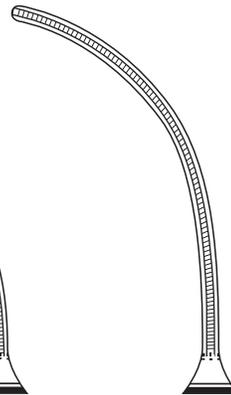
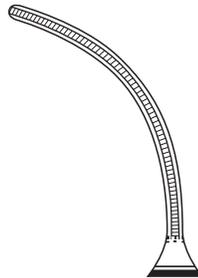
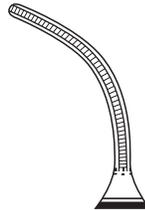
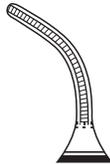
21-2759

21-2760

21-2761

## Titanium DeBaley Bulldog Clamps

- Curved



Overall length  
Jaw length

75mm  
20mm

85mm  
30mm

95mm  
45mm

115mm  
68mm

Code

21-2762

21-2763

21-2764

21-2765

## VASCULAR CLAMPS

### Titanium DeBakey Paediatric Clamps

- 10.5 length
- Straight jaws/Angled Shanks

21-2766



### Titanium DeBakey Paediatric Clamps

- 10.5 length

21-2767 Jaws angled 30°

21-2768 Jaws angled 45°

21-2769 Jaws angled 60°



### Titanium DeBakey Paediatric Clamps

- 10.5 length
- Jaws 6mm x 10.5mm

21-2770



### Titanium DeBakey Paediatric Clamps

- 10.5 length
- Jaws 6mm x 10.5mm

21-2771



### Titanium DeBakey Paediatric Clamps

- 10.5 length
- Jaws 9mm x 10.5mm

21-2772



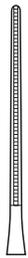
# VASCULAR CLAMPS

## DeBakey Castaneda Paediatric Clamps

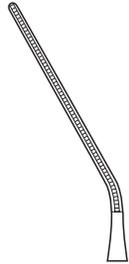
- Curved Shanks
- Suitable for Paediatric & Delicate surgery
- 12cm length



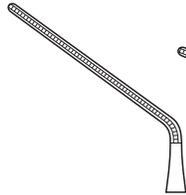
\*illustrated



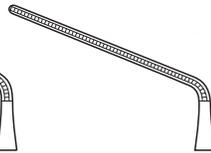
Straight  
21-2773



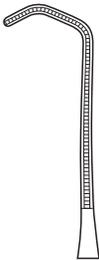
Angled 25°  
21-2774



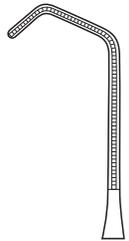
Angled 45°  
21-2775



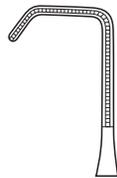
Angled 60°  
21-2776



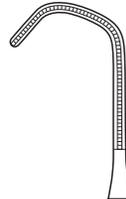
21-2773  
Anastomosis



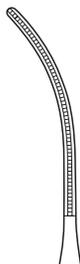
21-2774  
Anastomosis



21-2775  
Anastomosis 90°



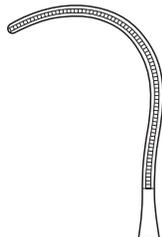
21-2776\*  
Satinsky



21-2773  
Light curve



21-2774  
Spoon shaped



21-2775  
Strong curve

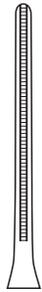


21-2776  
Carotid

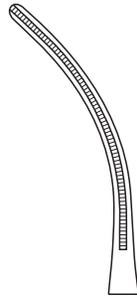


# VASCULAR CLAMPS

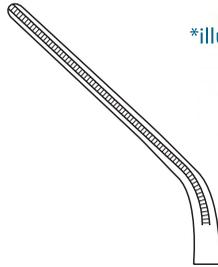
## DeBakey Ring Handled Bulldog Clamps



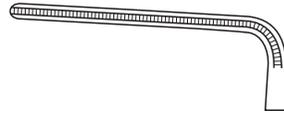
21-2777 straight  
12.5cm



21-2778 curved  
12.5cm



21-2779\* angled 45°  
12.5cm



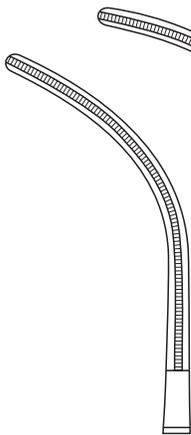
21-2780 angled 90°  
10cm

\*illustrated

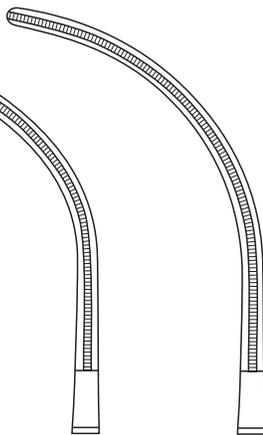


## DeBakey-Glover Anastomosis Clamp

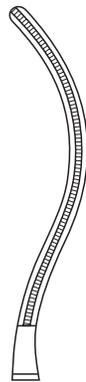
- Straight shanks



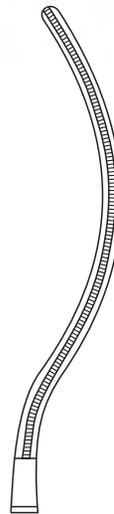
21-2781  
21cm



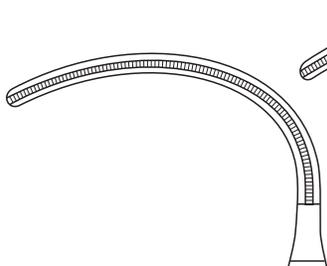
21-2782  
24cm



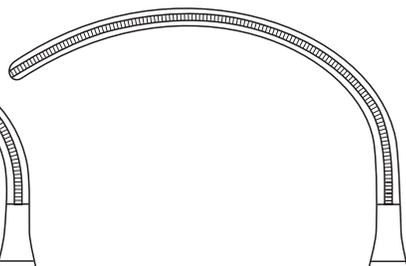
21-2783  
21cm



21-2784  
26cm



21-2785  
18.5cm



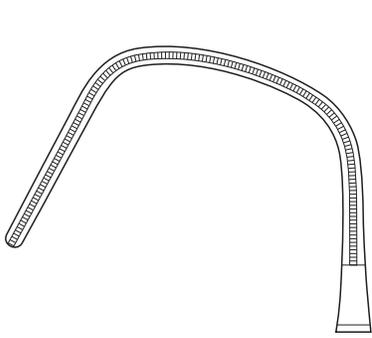
21-2786  
22cm



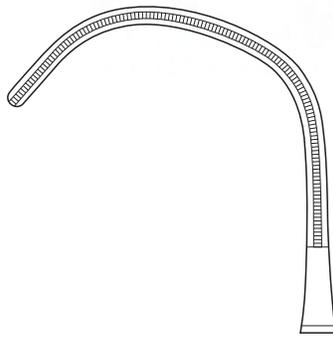
## VASCULAR CLAMPS

### Lambert-Kay Aortic Clamp

- 20cm length



21-2787



21-2788

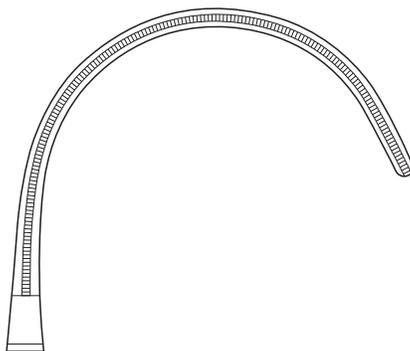


### Weber Aortic Clamp

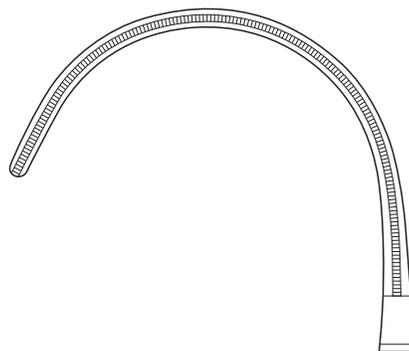
- 26cm length



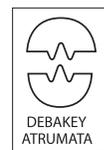
\*illustrated



21-2789\* Left curved



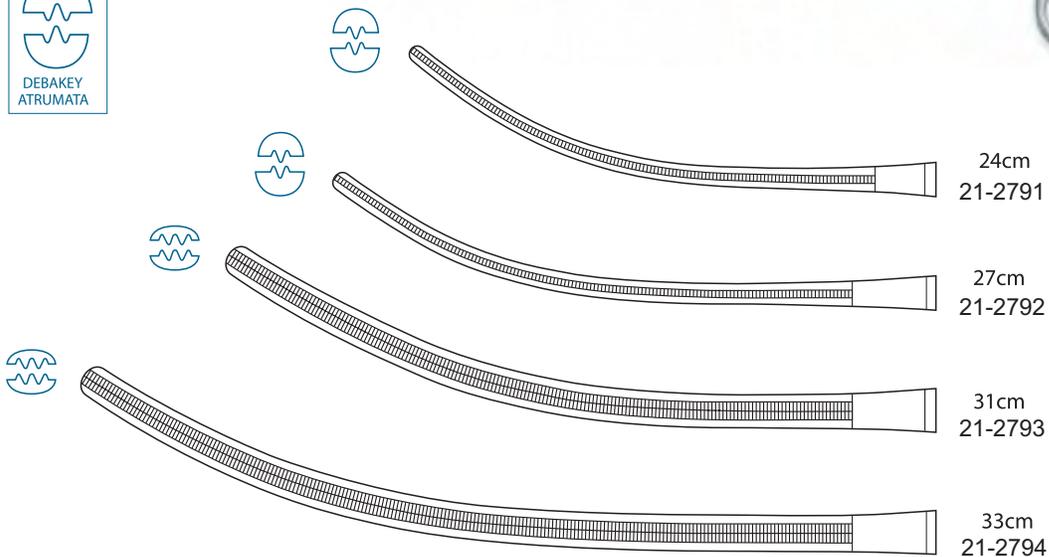
21-2790 Right curved



# VASCULAR CLAMPS

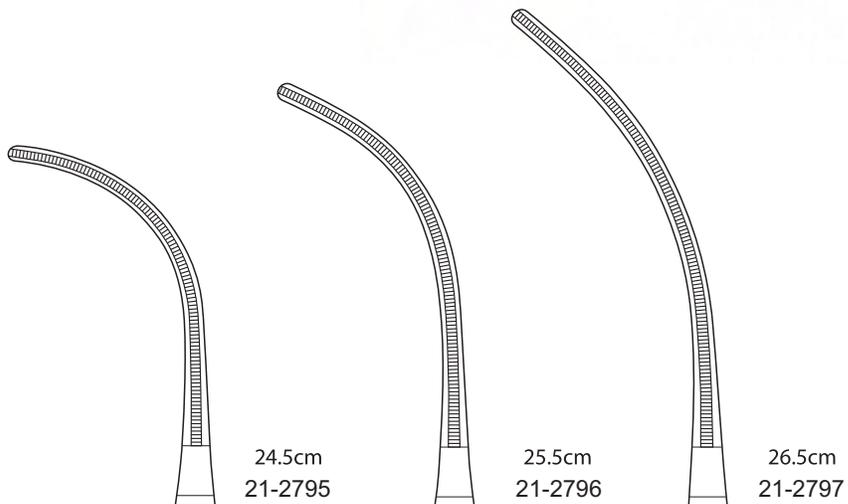
## DeBakey Aortic Aneurism Clamp

- Curved Shanks



## DeBakey-Bahnson Aortic Aneurism Clamp

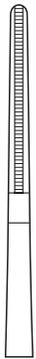
- S-Shape Shanks



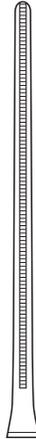
# VASCULAR CLAMPS

## DeBakey Glover Patent Ductus Clamp

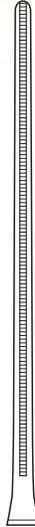
- Straight Shanks



20cm  
21-2798



22cm  
21-2799

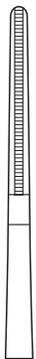


26cm  
21-2800

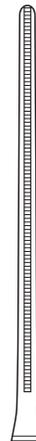


## DeBakey Glover Patent Ductus Clamp

- Angled Shanks



20cm  
21-2798



22cm  
21-2799



26cm  
21-2800

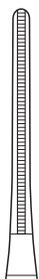


# VASCULAR CLAMPS

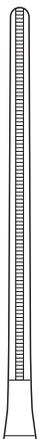
## DeBakey Peripheral Clamp



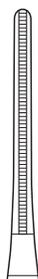
\*illustrated



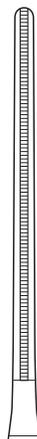
Straight Shanks \*  
19.5cm  
21-2801



Straight Shanks  
22cm  
21-2802



Angled Shanks  
19.5cm  
21-2803

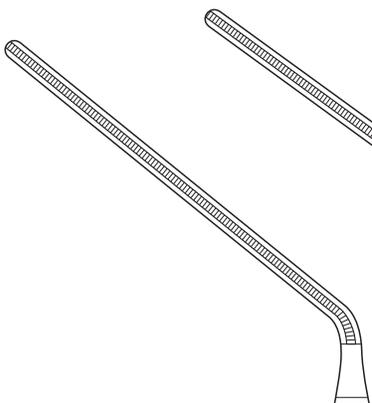


Angled Shanks  
22cm  
21-2804

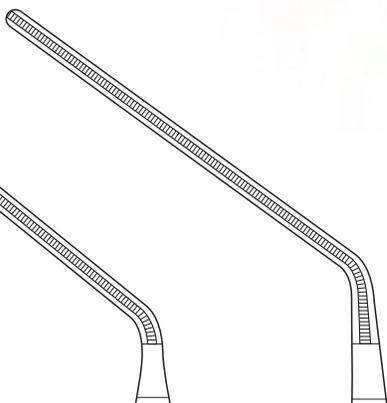


## DeBakey Peripheral Clamp

- Curved Shanks
- Angled 45°



19cm  
21-2805



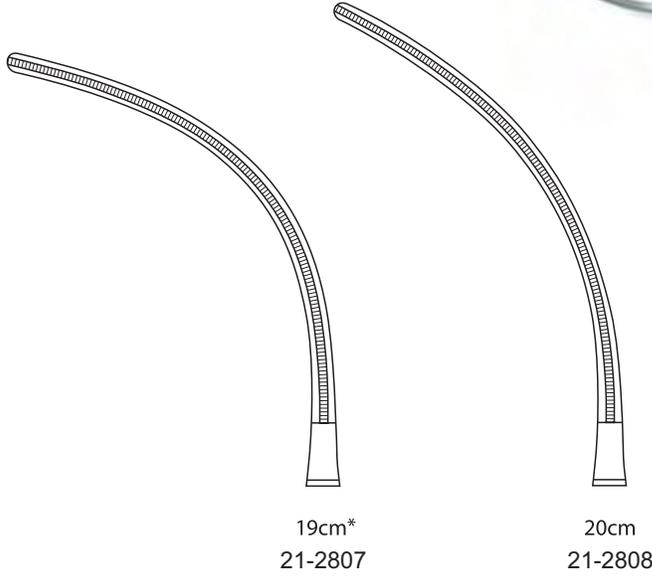
26cm  
21-2806



# VASCULAR CLAMPS

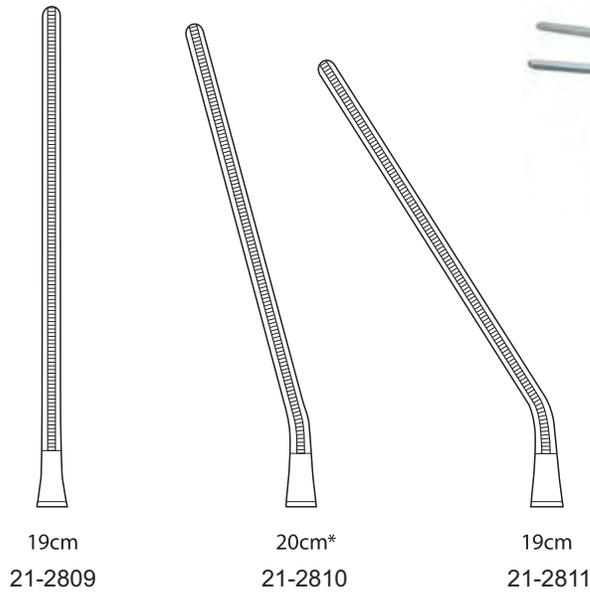
## DeBakey Peripheral Clamp

- S- Shaped



## Leland-Jones Peripheral Vascular Clamp

- Straight Shanks

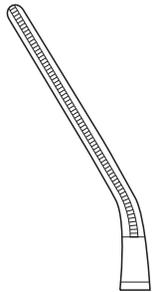


# VASCULAR CLAMPS

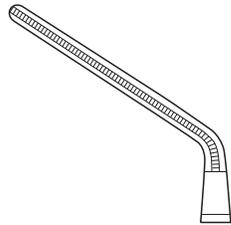
## DeBakey Multi-Purpose Clamp



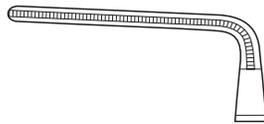
\*illustrated



21-2812\*  
16cm  
30° Angled Jaws



21-2813  
15.5cm  
60° Angled Jaws



21-2814  
14.5cm  
90° Angled Jaws

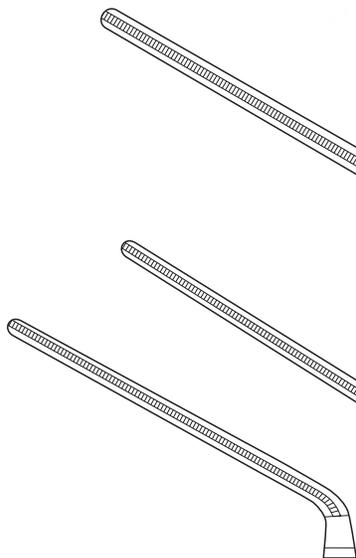


## DeBakey Multi-Purpose Forceps

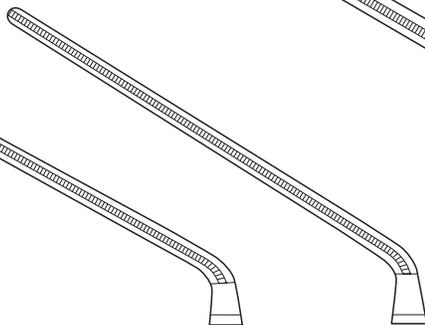
- Angled 60°
- Curved Shanks



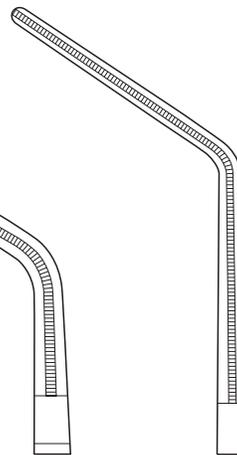
\*illustrated



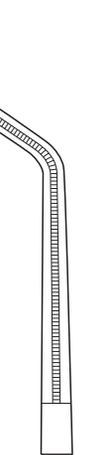
21-2815  
20cm



21-2816\*  
24cm



21-2817  
30cm



21-2818  
25cm



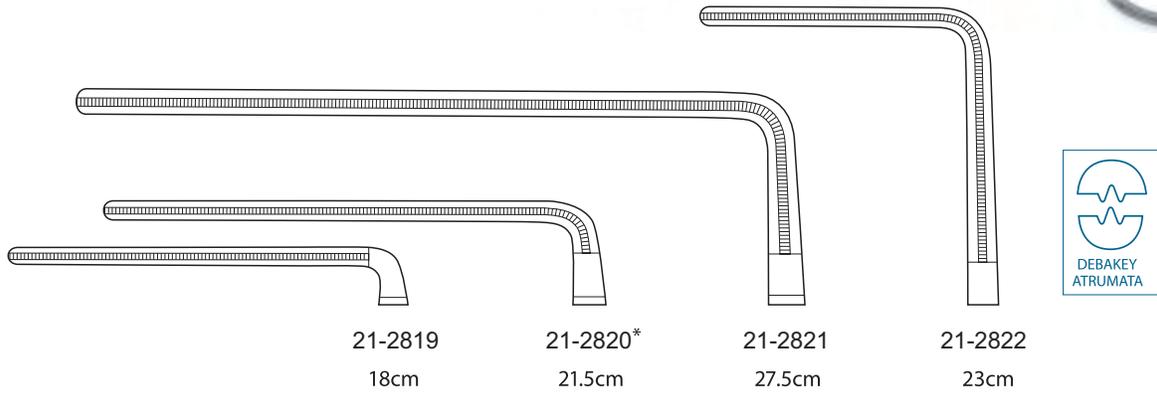
## VASCULAR CLAMPS

### DeBakey Multi-Purpose Clamp

- Angled 90°

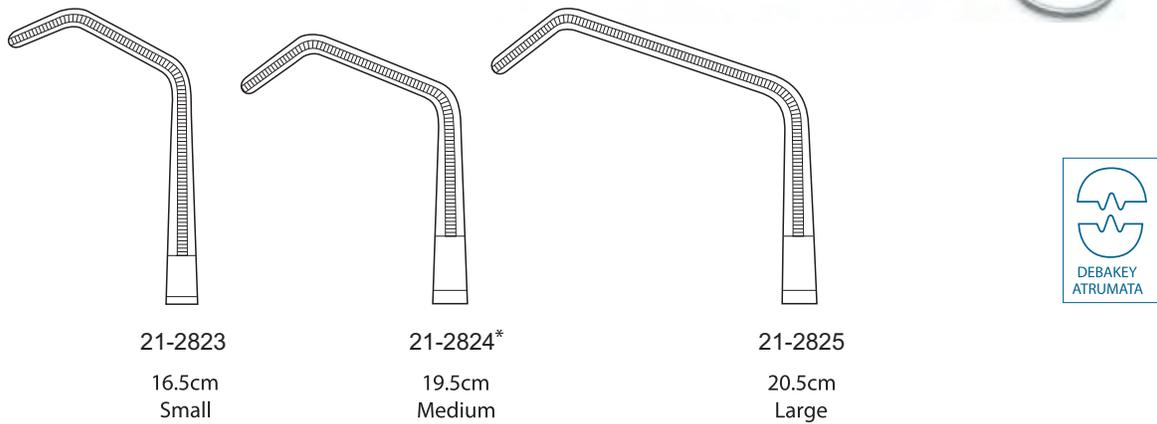


\*illustrated



### DeBakey-Beck Paediatric Aortic Forceps

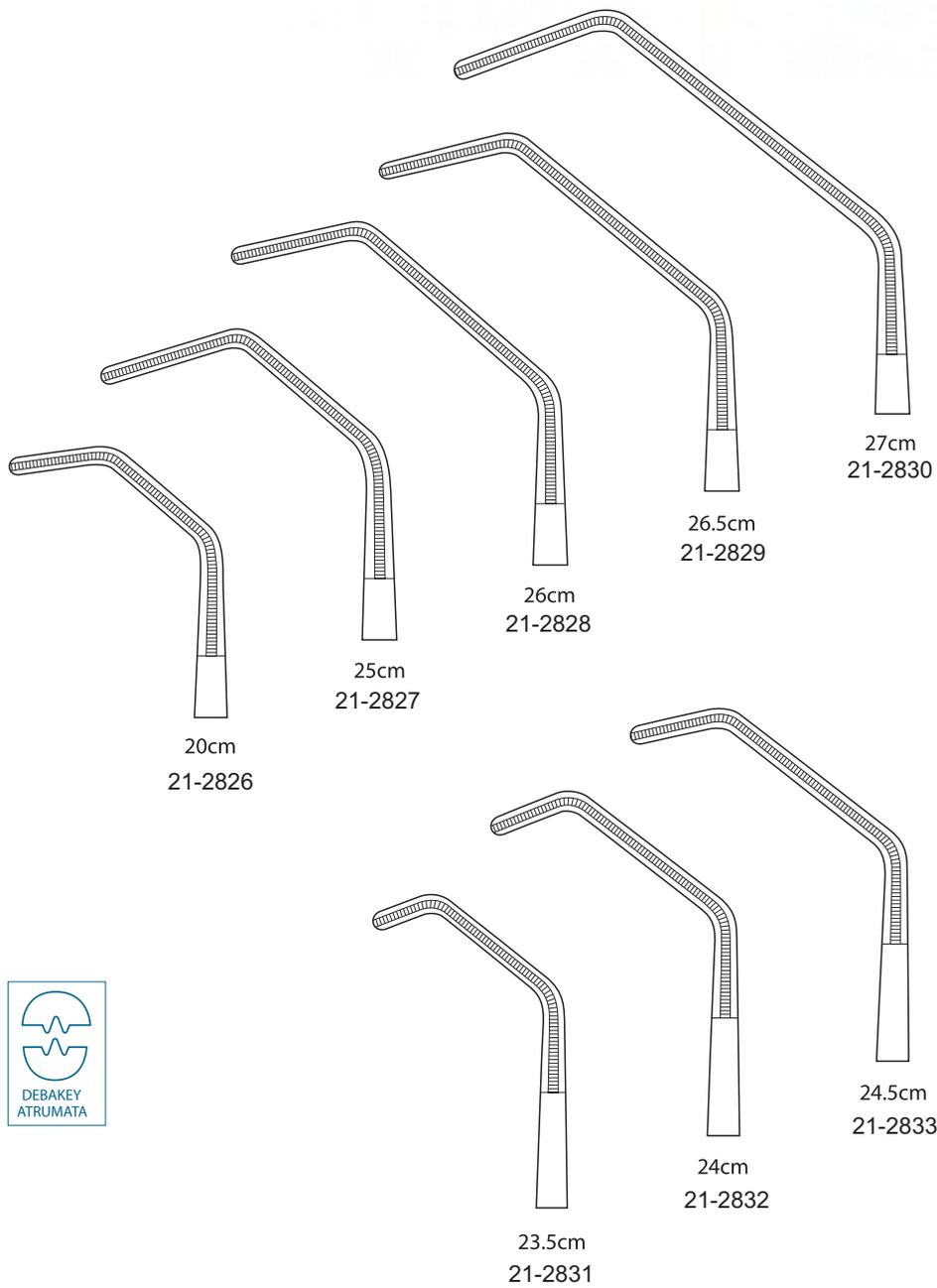
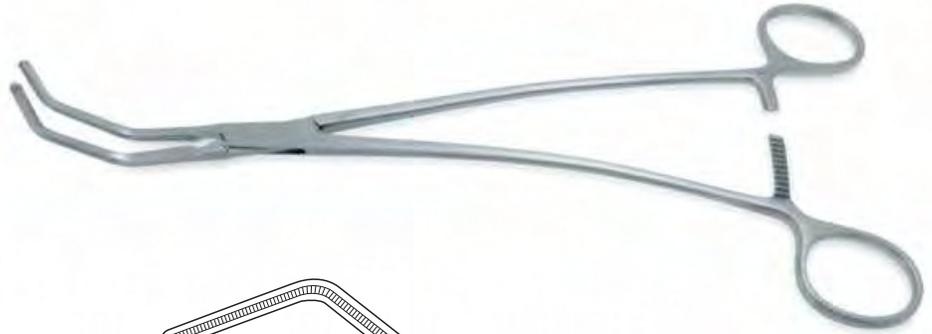
- Straight Shanks



# VASCULAR CLAMPS

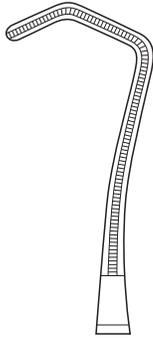
## DeBakey Tangential Occlusion Clamp

- Curved Shanks



# VASCULAR CLAMPS

## DeBakey Anastomosis Clamp



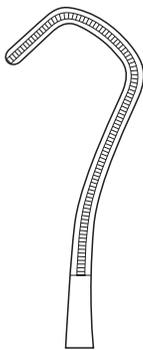
17cm  
21-2834



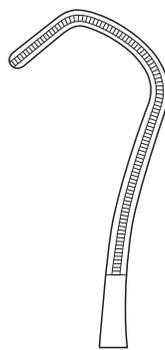
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## DeBakey-Derra Anastomosis Clamp

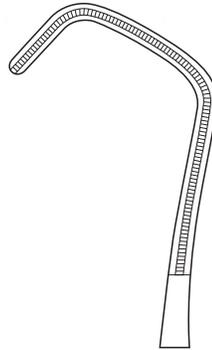
- 17cm length



21-2835  
Small



21-2836  
Medium



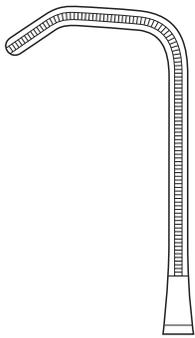
21-2837  
Large



# VASCULAR CLAMPS

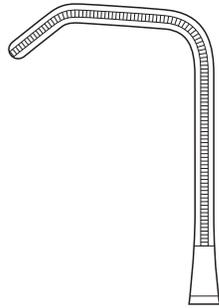
## DeBakey-Reynolds Anastomosis Clamp

- Angled Shanks



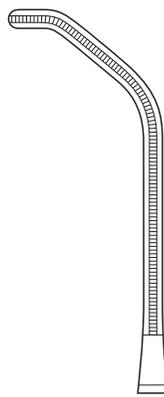
16.5cm

21-2838



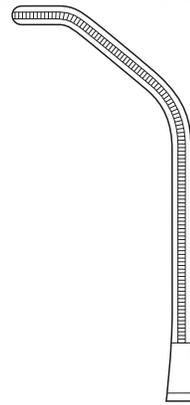
16.5cm

21-2839



18cm

21-2840



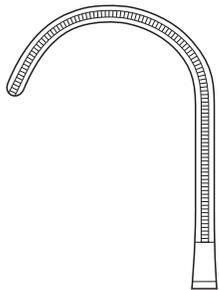
18cm

21-2841

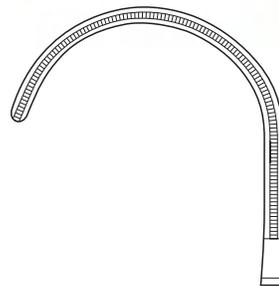


## DeBakey Curved Anastomosis Forceps

- 17cm length
- Curved Shanks



21-2842



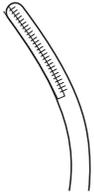
21-2843



## VASCULAR CLAMPS

### DeBakey-Semb Ligature Carrier

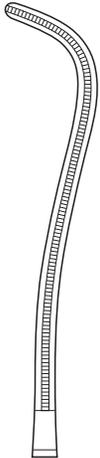
- 25cm length



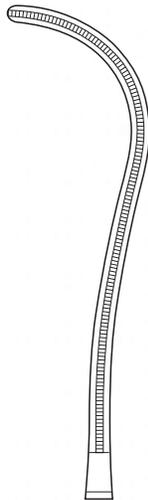
21-2844



### DeBakey Ligature Forceps



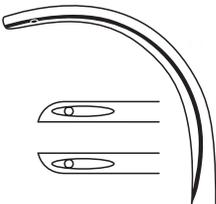
21-2845



21-2846



### Semb Ligature Forceps



21-2847

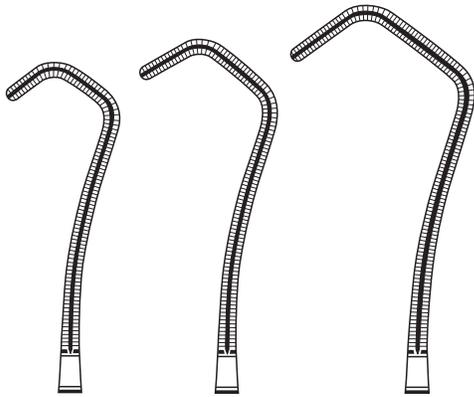


21-2848



# VASCULAR CLAMPS

## Cooley-Derra Anatomosis Clamp



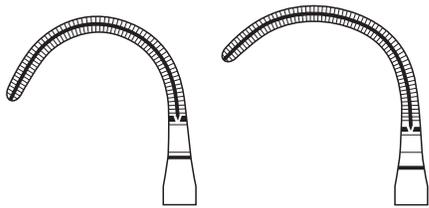
21-2849  
small  
16.5cm

21-2850  
medium  
17cm

21-2851  
large  
17.5cm



## Cooley-Beck Vascular Clamp

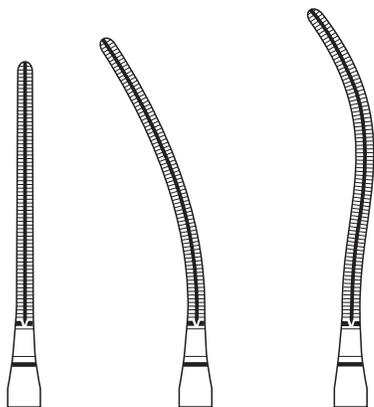


21-2852  
15cm

21-2853  
15cm



## Cooley Coarctation Clamp



21-2854  
17cm

21-2855  
17cm

21-2856  
18cm



# VASCULAR CLAMPS

## Javid Carotid Clamp

- Small size
- 15cm length

21-2857



For holding the shunt tube during Carotid Surgery

## Javid Carotid Clamp

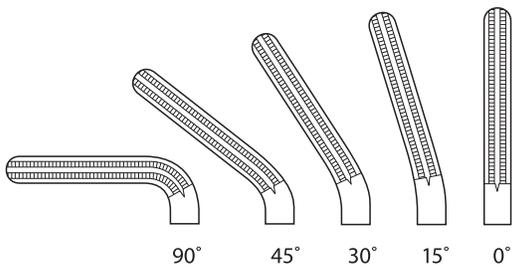
- Large size
- 18cm length

21-2858



## Dardik Multi - Purpose Clamp

Jaw Angle	15cm length	17cm length
0°	21-2859	21-2864
15°	21-2860	21-2865
30°	21-2861	21-2866
45°	21-2862	21-2867
90°	21-2863	21-2868



# SUCTION TUBES & CANNULA

## Frazier Suction Tube

- Angled 30°

diameter Ø	Overall Length	
	17cm	23cm
2.0mm 6FG	21-2869	21-2876
2.3mm 7FG	21-2870	21-2877
2.7mm 8FG	21-2871	21-2878
3.0mm 9FG	21-2872	21-2879
3.3mm 10FG	21-2873	21-2880
3.7mm 11FG	21-2874	21-2881
4.0mm 12FG	21-2875	21-2882



## American Pattern Suction Tube

- 16.5cm length

21-2883



## Brompton Hospital Suction Tube

- 30cm length



21-2884 Adult size for 9.5mm tubing

21-2885 Child size for 6mm tubing

## Brompton Hospital Suction Tube

- Paediatric 4.8mm Ø Tip size
- 23cm length
- For 6.5mm tubing

21-2886



## Southampton Western Hospital Suction Tube

- 22cm length
- Paediatric 3.3mmØ
- For 6.5mm tubing

21-2887



# SUCTION TUBES & CANNULA

## Tibbs Arterial Cannula

- Long Pattern
- Luer lock

Set of 4

- Large Cone 21-2888
- Small Cone 21-2889
- Large Olive 21-2890
- Small Olive 21-2891



## Heparin Flushing Needle

- Luer lock

2mm Ø Tip  
21-2892

2.5mm Ø Tip  
21-2893

3mm Ø Tip  
21-2894



## Magill Suction Tube

- 21cm length

3mm Ø Tip  
21-2895

3.5mm Ø Tip  
21-2896

4.0mm Ø Tip  
21-2897



## Yankauer Suction Tube

- 30.5cm length

21-2898



## Pooles Suction Tube

- 24cm length
- 10mm Ø

21-2899 Straight mount \*illustrated

21-2900 Curved mount



## Paediatric Pooles Suction Tube

- 15cm length
- 6mm Ø

21-2901



## PERFUSION CANNULA

### Ross Atrial Basket



length	tubing size Ø	code
29mm	12.7mm	21-2902
29mm	9.5mm	21-2903
19mm	9.5mm	21-2904
16mm	6.3mm	21-2905

### Ross Sump Sucker (screw apart)



	diameter	tubing size Ø	code
Adult	7.5mm	5.0mm	21-2906
Child	6.5mm	5.0mm	21-2907
Infant	5.0mm	3.5mm	21-2908

### Ross Ventricular Vent (screw apart)



	diameter	tubing size Ø	code
Adult	7.5mm	5.0mm	21-2909
Child	6.5mm	5.0mm	21-2910
Infant	5.0mm	3.5mm	21-2911

### Baylor Sump Sucker (screw apart)



outside diameter	45° angled	90° angled
4.0mm	21-2912	21-2915
5.0mm	21-2913	21-2916
6.0mm	21-2914	21-2917

### Bentall Femoral Cannula

- Rolled edge to bevel



bore Ø	code	bore Ø	code
1.5mm	21-2918	4.5mm	21-2924
2.0mm	21-2919	5.0mm	21-2925
2.5mm	21-2920	5.5mm	21-2926
3.0mm	21-2921	6.0mm	21-2927
3.5mm	21-2922	6.5mm	21-2928
4.0mm	21-2923	7.0mm	21-2929

### Iliac Cannula

- Angled



bore Ø	code	bore Ø	code
2.5mm	21-2930	4.5mm	21-2934
3.0mm	21-2931	5.0mm	21-2935
3.5mm	21-2932	5.5mm	21-2936
4.0mm	21-2933	6.0mm	21-2937

### JS Venous Cannula

- Cage tip
- 80° angled
- Long tubing end



bore Ø	code	bore Ø	code
3mm	21-2938	6mm	21-2941
4mm	21-2939	7mm	21-2942
5mm	21-2940	8mm	21-2943

# VESSEL DILATORS & PROBES

## Ross Coronary Artery Probe

- Same thickness along length of shaft

diameter Ø	10cm length	15cm length
0.5mm	21-2944	21-2950
1.0mm	21-2945	21-2951
1.5mm	21-2946	21-2952
2.0mm	21-2947	21-2953
2.5mm	21-2948	21-2954
3.0mm	21-2949	21-2955



## DeBakey Vessel Dilator

- 190mm length
- Malleable shaft

diameter Ø		diameter Ø	
0.5mm	21-2956	3.5mm	21-2962
1.0mm	21-2957	4.0mm	21-2963
1.5mm	21-2958	4.5mm	21-2964
2.0mm	21-2959	5.0mm	21-2965
2.5mm	21-2960	7.0mm	21-2966
3.0mm	21-2961	9.0mm	21-2967



## Garrett Vessel Dilator

- Malleable shaft

diameter Ø	14cm length	diameter Ø	21cm length
1.0mm	21-2968	1.0mm	21-2977
1.5mm	21-2969	1.5mm	21-2978
2.0mm	21-2970	2.0mm	21-2979
2.5mm	21-2971	2.5mm	21-2980
3.0mm	21-2972	3.0mm	21-2981
3.5mm	21-2973	3.5mm	21-2982
4.0mm	21-2974	4.0mm	21-2983
4.5mm	21-2975	4.5mm	21-2984
5.0mm	21-2976	5.0mm	21-2985



## MISCELLANEOUS

### Rummel Cardiac Stilette

- Suture Hook
- 32.5cm length



21-2986

### Diamond Knife

- Titanium Handle with retractable blade
- 1mm x 6mm blade
- For neuro or cardiac surgery



21-2987

### Stainless Steel Measuring Ruler

Length	Code
15cm	21-2988
30cm	21-2989



# STERILISATION CONTAINERS



## Single Tray Containers

Internal Dimensions			Code
A	B	C	
200 x	140 x	50mm	21-2990
280 x	195 x	50mm	21-2991
265 x	255 x	50mm	21-2992
380 x	260 x	50mm	21-2993

21-2994

### Standard Container illustrated

One of our popular cases for Micro Instruments



## Double Tray Containers

Internal Dimensions			Code
A	B	C	
280 x	195 x	65mm	21-2995
265 x	255 x	65mm	21-2996
380 x	260 x	65mm	21-2997

21-2998

### Double Tray Container illustrated

Two take-out perforated plates