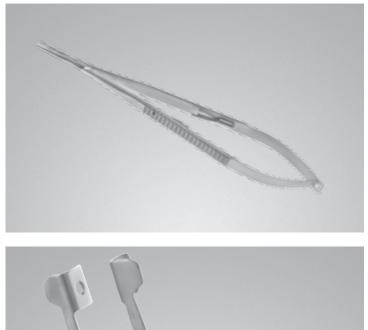
# V.Mueller® Cardiovascular Instruments

Instruments cardiovasculaires
Instrumente für die Kardiovaskularchirurgie
Strumenti chirurgici cardiovascolari
Instrumentos quirurgicos cardiovasculares
Instrumentos cirurgicos cardiovascular









## V. Mueller Cardiovascular Instruments

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## Dear customers,

More than 100 years ago in Chicago, Vinzenz Mueller started a small storefront business to provide physicians and surgeons with fine instruments and exceptional customer service. Mr. Mueller was guided by the principle that keeping all promises made to his customers - even if at a cost - was essential to the long-term success of his business. Since then, V. Mueller® has set the standard for service in the industry, which is still part our company culture today.

The tradition of making fine surgical instruments continued when William Merz started as an instrument apprentice for Mr. Mueller in 1928. Driven by the idea of improving the lives of patients, Mr. Merz used his specialized knowledge and skills to translate surgeon problems or ideas into more efficient surgical instruments. His passion for advancing quality surgical instrumentation helped build his reputation as one of the best-known instrument makers in the world.

We are thankful for the thousands of innovative surgeons, operating room and sterile processing professionals, and other healthcare personnel who have collaborated with us to develop our high-quality, innovative new products. Today, the V. Mueller and Snowden-Pencer™ instrument lines include more than 25,000 instruments used in hospitals across the globe.

We are also proud of our craftsmen and supporting staff who continue our tradition of providing high-quality surgical instrumentation and customer service for customers everywhere.



William Merz







## Reputation

Our standards of quality originated with our founder, Vinzenz Mueller. In 1893, he brought the knowledge of German instrument craftsmanship to the United States and established a tradition that has carried through to today. His protégé, William Merz, established the V. Mueller name as one synonymous with innovation and collaboration.

In 1951, Leonard Snowden and George Pencer introduced the revolutionary tungsten carbide insert to the jaws of surgical instruments. CareFusion is now proud to offer the Snowden-Pencer family of products to our customers.

These men dedicated their lives to improving surgical instruments and patient care. Our customers have always expected high quality and first-rate technology from our surgical instruments, which are promises CareFusion continues to deliver on today.

#### Commitment

At CareFusion, our commitment to quality stems from our ability to understand customer needs and exceed industry expectations.

Our sales force has more than 125 knowledgeable V. Mueller representatives, some with more than 30 years of experience. Also, our V. Mueller and Snowden-Pencer customer support team ensures accurate order processing and technical support. We are all here to help.

Once our products are in your hands, our service quality does not stop. We offer many opportunities for continuing education. Plus, all of our surgical instruments are backed by a lifetime warranty against defects in materials and workmanship.

William Merz started the V. Mueller tradition of working closely with well-recognized surgeons to develop surgical instruments used all over the world.

These surgeons have included Adson, Atkinson, Bailey, Balfour, Barraquer, Baumgartner, Beckman, Castaneda, Cooley, Cosgrove, Cottle, Crile, Cushing, Davis, Debakey, Derf, Finochietto, Glassman, Hibbs, Jackson, Jacobsen, Jannetta, Kelly, Lalonde, Mars, Mayo, McCulloch, McPherson, Merz, Metzenbaum, Mueller, Paparella, Pierse, Potts, Ramirez, Rhoton, Rochester, Spetzler, Tebbetts and Webster.





## Quality

CareFusion prides itself on the quality craftsmanship of our V. Mueller and Snowden-Pencer surgical instruments. Though technology has progressed over the years, all of our instruments maintain a handcrafted component.

We know that small details make a real difference in the hands of surgeons. That is why we consider our surgical instruments an art form and attention to detail critical. This mindset and pride ensure our surgical instruments are among the highest in quality.

Our entire manufacturing process reflects our dedicated specializations through:

- Training instrument craftsmen by apprenticeships
- Inspecting instruments for quality throughout manufacturing

- Placing instruments under several stages of heat treatment, followed by quick cooling to achieve the proper hardness and strength
- Deep cleaning instruments, and preventing their corrosion by passivation

We have also proudly maintained a manufacturing presence in the United States for more than 115 years. With state-of-the art manufacturing and operational facilities in St. Louis, MO; Tucker, GA; Cleveland, OH; and Tuttlingen, Germany, our quality instruments are manufactured under consistent standards by highly skilled individuals.





"We give the best to our customers by doing a microstructure evaluation of the raw materials. This helps ensure that what our customers are getting in their hands is a good product."

Joe Torok
Principal Scientist/Metallurgist
CareFusion

## **Innovation**

The V. Mueller and Snowden-Pencer brands have a history of developing recognized innovations, including:

- The tungsten carbide insert process, enabling a superior grasping technique
- Snowden-Pencer laparoscopic hand instruments, incorporating the finest instrument jaw patterns with ergonomically contoured handles to better fit surgeon hands

CareFusion continues to embody this philosophy of innovation. We deeply understand our customers' needs by working closely with our surgical and clinical advisory boards.

Our research and development team of engineers uses modern computer-aided design, analysis tools and specialized test laboratories to produce high-quality, innovative designs. They then hand over these validated designs to our manufacturing team. These experienced craftsmen incorporate handcrafting with advanced machinery such as CNC mills and lathes to consistently deliver some of the highest-quality instruments on the market. In effect, every new product we release is built with the same superior standards that our customers have come to expect for the last 115+ years.







## V. Mueller product warranty

We warranty each medical device and accessory bearing the V. Mueller and Snowden-Pencer brand names to be free of functional defects in workmanship and materials when used normally for its intended use. Any V. Mueller product proven defective will be replaced or repaired at no charge. Repairs or modifications performed by unauthorized personnel may void all product warranties, or affect device performance and efficacy.

CareFusion employees are our own toughest critics. From reviewing production at every stage to demanding test procedures in our development and production processes, we insist on providing quality instruments you can trust. That is why all of our instruments bearing the V. Mueller name carry a lifetime warranty and provide personalized support from our V. Mueller sales representatives and customer support specialists.

## The Snowden-Pencer Products Guarantee

All Snowden-Pencer instruments are guaranteed to be free of defects in material and workmanship. In addition, the tungsten carbide insert is guaranteed against wear under normal use for five years on Diamond-Jaw, Micro Diamond-Jaw, Diamond-Points and Diamond-Edges instruments.

Diamond-SerEdge scissors are guaranteed against wear for three years.

Diamond-Edges Supercut and Diamond-Tip instruments are guaranteed against wear for one year.

After this guarantee period, service and maintenance are available for a nominal charge.





We have persevered for over a century to build and maintain a reputation for quality - and are proud to stand behind our work with a lifetime warranty. In 2001, the Mayo Clinic reported a broken instrument to their V. Mueller representative. As the representative inspected the instrument, he found an interesting mark: a date-stamp from October 12, 1955. The instrument was nearly half a century old. But bearing the V. Mueller name, it was covered by a lifetime warranty against defects in materials and workmanship. So, we replaced it at no charge - just another example of the V. Mueller reputation for quality and commitment.

## **Return goods policy**

## In general, returns are NOT authorized for:

- Any item older than 90 calendar days from the invoice date
- Any item purchased on a "special order" or custom basis
- Used, processed or sterilized instruments, apparatuses or equipment
- Expired or non-expired items with missing or damaged labeling or packaging
- Sterile merchandise without all manufacturer seals intact
- Vibratory-etched products
- Color-coded merchandise

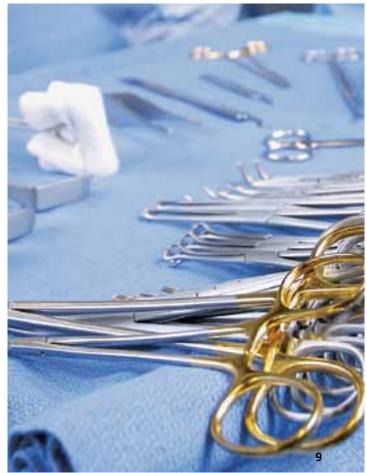
## **Customer support**

## **Authorized representatives**

V. Mueller products are sold only by authorized V. Mueller representatives. All instruments and equipment of our manufacture bear the V. Mueller trademark.

For more information, please contact your sales representative, send an email to GMB-VM-Europe@carefusion.com or visit carefusion.com/vmueller.





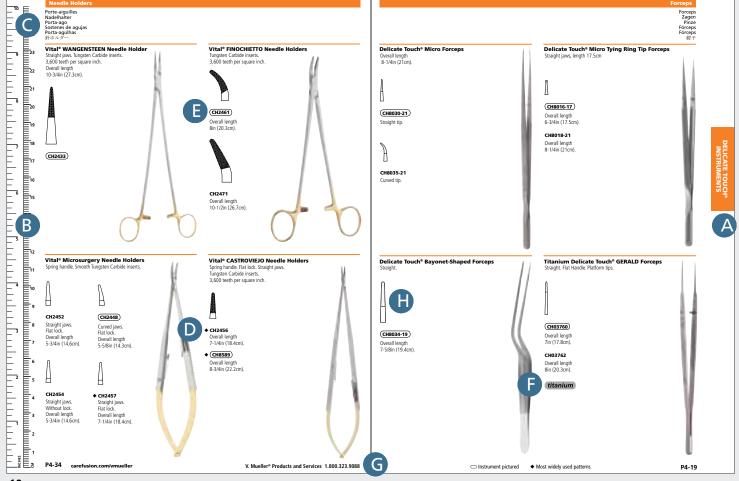
## How to use this catalog

Use this key to easily understand the information throughout this catalog, as indicated in the sample pages below:

- **A.** This catalog is divided by surgical specialty and instrument type.
- **B.** Each page has its own ruler marked in inches, centimeters and millimeters.
- **C.** Category names appear in English, French, German, Italian, Japanese, Portuguese and Spanish.
- **D.** A diamond symbol ◆ denotes the most popular instrument within a category.
- **E.** An oval **CH2461** around a catalog number denotes that item is pictured.
- **F. (titanium)** denotes titanium instruments.
- **G.** Illustrations of tip and jaw patterns appear next to the instrument.

#### Notes

- The alphabetical and numerical indexes at the end of this catalog can help you locate instruments by name, type or catalog number.
- All instruments are surgical stainless steel unless otherwise specified.



## How to measure instruments

The following measuring definitions can help you choose the right instruments for your needs:

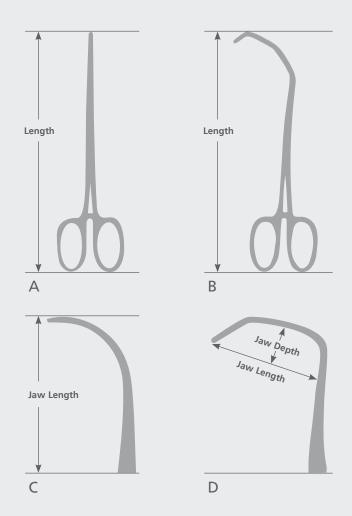
#### Length

Length is measured in a straight line from the bottom of the instrument to the tip farthest away (A). On curved and angled instruments, the length is determined by a line drawn from the bottom of the instrument to the tip farthest away (B).

#### Jaw length

In clamps, the usable portion of the jaw is measured in a straight line to the bottom of the serrations (*C*). On partial occlusion clamps, the jaw length and jaw depth are measured as illustrated (*D*).

The dimensions listed are accurate as of this catalog's publication date. Slight variations may occur due to metal crafting and finishing operations. Jaw and tip illustrations are approximately actual size unless otherwise noted.



Conversion table						
Inches to centimeters	Multiply inches (as decimals) by 2.54					
Centimeters to inches	Multiply centimeters by 0.3937					
Millimeters to inches	Multiply millimeters by 0.03937					

Inches	Millimeters	Inches	Millimeters
1/16	1.588	9/16	14.288
1/8	3.175	5/8	15.875
3/16	4.736	11/16	17.463
1/4	6.350	3/4	19.050
5/16	7.938	13/16	20.638
3/8	9.525	7/8	22.225
7/16	11.113	15/16	23.813
1/2	12.700	1	25.400



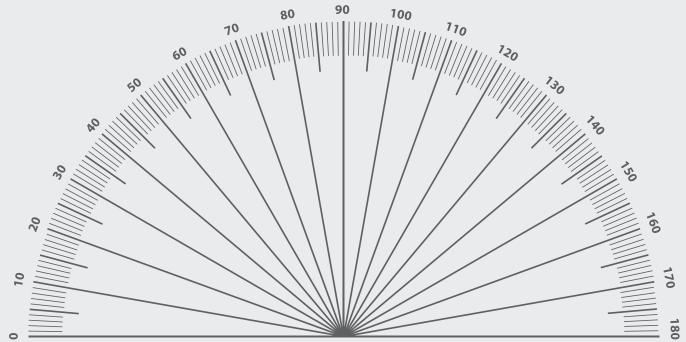
## **Standard French (Charriere) gauge**

The standard French, or Charriere, scale (Fr) is generally used in the size calibration of catheters and other tubular instruments. Based on the metric system, each unit is approximately 0.33 mm, differing 0.33 mm in diameter between consecutive sizes.

Example: 15 Fr indicates a diameter of 5 mm, and 30 Fr indicates a diameter of 10 mm.

3	4	5	6	7	8	9	10	11	12 13	14	15
•	•	•	•	•	•						
1 mm			2 mm			3 mm		4	mm		5 mm
16	17	18	19	20	22	24	26	28	30	32	34
		6 mm				8 mm			10 mm		
36		3	18		40		42		44		45
12 mm											15 mm

## **Instrument angles**



## **Protect** your surgical instrumentation with Genesis<sup>™</sup> containers

Protect your valuable surgical instrument investment with the V. Mueller brand Genesis container system - the name you trust in the OR. The Genesis container system was designed with hard-coated anodized aluminum to protect and maintain the sterility of your surgical instrumentation. Available in a wide range of sizes, the Genesis container system offers a variety of baskets and accessories to help you organize and speed the set-up of your instruments. The Genesis container system consistently provides a return on your investment and a green alternative to sterilization wrap.



#### Forceps/Elevators

Forceps/Élévateurs Zangen/Heber Pinze/Elevatori Fórceps/Elevadores Fórceps/Elevadores 鉗子/エレベーター

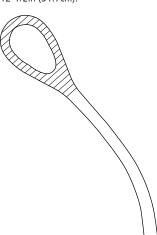
#### **Chest Forceps**

Long jaw, length 6in (15.2cm).

#### CH9300

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Straight. Overall length 12-1/2in (31.7cm).



#### CH9304

C-Shape. Overall length 10-7/16in (26.5cm).

#### CH9306

Curved-on-side. Overall length 12in (30.5cm).

#### CH9308

Curved handle. Overall length 12-1/8in (30.8cm).

#### CH9312

45° Ring jaw. Overall length 12-3/8in (31.4cm).

#### **Chest Forceps**

Short jaw, length 4in (10.2cm).

#### CH9314

Straight. Overall length 12-1/2in (31.7cm).

#### **CH9316**)

Curved jaw. Overall length 12-1/8in (30.8cm).

#### CH9318

C-shaped. Overall length 10-3/4in (27.3cm).

#### CH9320

Curved-on-side. Overall length 12in (30.5cm).

#### CH9322

Curved handle. Overall length 11-7/8in (30.2cm).



#### **DOYEN Costal Elevators**

Overall length 7in (17.8cm).

#### **CH35**

**CH9302** 

Curved jaw.

Overall length

11-7/8in (30.2cm).

Right. Blade 1in (2.5cm).

#### **CH36**

Left. Blade 1in (2.5cm).

## **CH30**

Right. Blade 1-1/4in (3.2cm).

## CH31

Left.

Blade 1-1/4in (3.2cm).



#### **MATSON Rib Strippers and Elevators**

#### CH82

Stripper 2.1cm wide, elevator 1.2cm wide. Overall length 5-1/2in (14cm).

#### **CH80**

Stripper 2.5cm wide, elevator 1.6cm wide. Overall length 8-3/4in (22.2cm).



Élévateurs Heber Elevatori Elevadores Elevadores エレベーター

#### **CORYLLOS Raspatory**

Double-ended. Blades 0.8cm and 1.8cm.

#### **CH90-1**

Overall length 12in (30.5cm).



## **OVERHOLT Periosteal Elevator**

Double-ended.

#### (CH120)

Blades 6.4mm and 7.1mm wide. Overall length 11-1/2in (29.2cm).



#### **OVERHOLT Periosteal Elevator**

Double-ended.

#### (CH130)

Blades 6.4mm and 13mm wide. Overall length 10-5/8in (27cm).



# **CAMERON HAIGHT Periosteal Elevators**

Double-ended. Round blade 12mm wide. Straight edge 15mm wide.

## **CH145**

Overall length 9-1/4in (23.5cm).

#### **CH147**

Overall length 13in (33cm).



# ALEXANDER-FARABEUF Costal Periosteotome

Double-ended.

#### (CH150)

Blades 12mm x 21mm wide. Overall length 8-1/4in (20.6cm).



#### **SEDILLOT Periosteal Elevator**

## (CH165)

Broad rounded blade 19mm wide. Overall length 7-1/2in (19.1cm).





Costotome Rippenscheren Cesoie costali Esquiles torégies Tesoura torácica 肋骨剪刀

# **POTTS Extra Small Rib Shears**

## **RUSKIN Bone Splitting Forceps**

#### **GLUCK Rib Shears**



Curved, serrated blades. Overall length 6in (15.2cm).



**♦** (CH470) Straight blades.

(CH315) Overall length 7-3/4in (19.6cm).







**GIERTZ-SHOEMAKER Rib Shears** 

## **♦** (CH330)

=10

Overall length 9-3/4in (24.8cm).



## **CH431**

Overall length 9in (22.9cm).



Costotome Rippenscheren Cesoie costali Esquileos de costillas Tesoura torácica 肋骨剪刀

#### **SAUERBRUCH Rib Shears**

## (CH440)

Overall length 10in (25.4cm).



## **CORYLLOS Rib Shears**

Overall length



#### **BETHUNE Rib Shears**



#### **CORYLLOS-BETHUNE Rib Shears**

Protected points. Overall length 14-1/2in (36.8cm).

## **CH342**

Right.

#### CH344

Left.



#### **COOLEY Rib Shears**

Angled cutting surface.

#### **CH350**



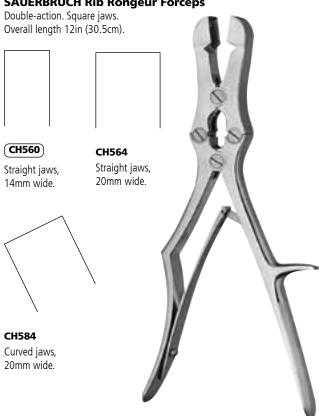
## **TUDOR-EDWARDS Costotome**

☐ (CH450)





## **SAUERBRUCH Rib Rongeur Forceps**



#### **DALE Rib Rongeur**



#### **CH590**

Overall length 14-1/2in (36.8cm).



#### **LEBSCHE Sternum Knife**

## **CH680**

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Overall length 10in (25.4cm).



## **Sternal Perforating Awl**

Aluminum Handle. Needle length 1-3/8in (34mm).

#### **CH691**

Overall length 5-1/2 inch (14cm).



Écarteurs Wundspreizer/Retraktoren Divaricatori Separadores Retratores リトラクター

#### **SAUERBRUCH Retractors**

Flat blade is slightly curved on end. Overall length 9-1/2in (24.1cm).

#### **CH810**

Blade 1-3/4in x 5/8in (4.4cm x 1.6cm) wide.

#### **CH805**

Blade 2-1/4in x 7/8in (5.7cm x 2.2cm) wide.

#### (CH800)

Blade 2-7/8in x 3/4in (7.3cm x 1.9cm) wide.



#### **SEMB Lung Retractors**

Overall length 9-1/4in (24.8cm).



#### **CH830**

Blade 1-1/8in x 3/4in (2.8cm x 1.9cm) wide.



#### CH832

Blade 1-5/8in x1in (4.1cm x 2.4cm) wide.



#### **ALLISON Lung Retractors**

## **CH840**

Blade 2-1/8in (5.4cm) wide. Overall length 12-1/4in (31.1cm).

#### **CH841**

Blade 1-1/2in (3.8cm) wide. Overall length 10-3/8in (26.4cm).



#### **DAVIDSON Scapular Retractors**

#### CH905

Blade 3in x 2in (7.6cm x 5.1cm) wide.

#### **CH900**

Blade 3in x 3-1/2in (7.6cm x 8.9cm) wide.



#### Retractors

Écarteurs Wundspreizer/Retraktoren Divaricatori Separadores Retratores リトラクター

# PARSONNET Cardiovascular Retractors

Self-retaining, light spring steel retractor with 3 x 3 sharp prongs.

#### CH5751

Overall length 1-1/4in (3.2cm).

#### CH5752

=20

12

Overall length 1-1/2in (3.8cm).

## **♦** (CH5750)

Overall length 2in (5.1cm).



#### **ROCHESTER Atrial Septum Retractors**

#### **CH8152**

Blade 5mm. Overall length 5-1/2in (14cm).

#### CH8153

Blade 7.5mm. Overall length 5-1/2in (14cm).

#### CH8154

Blade 10mm. Overall length 5-7/8in (14.9cm).

#### CH8155

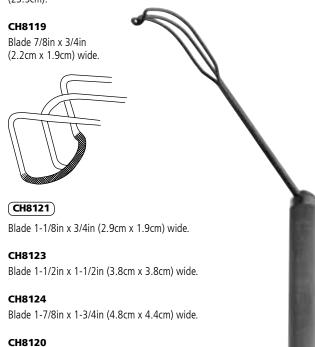
Blade 12mm. Overall length 5-3/4in (14.6cm).

#### CH8156

Blade 15mm. Overall length 6in (15.2cm).

#### **COOLEY Atrial Retractors**

Right. Serrated blade. Overall length 9-1/4in (23.5cm).



#### **COOLEY Atrial Retractors**

Left. Serrated blade.

#### CH8127

Blade 3/4in x 3/4in (1.9cm x 1.9cm) wide. Overall length 9in (23cm).



#### CH8126

Blade 3/4in x 1-1/2in (1.9cm x 3.8cm) wide. Overall length 9-1/2in (24.1cm).

#### **CH8125**

Blade 3/4in x 1-3/4in (1.9cm x 4.4cm) wide. Overall length 9-1/2in (24.1cm).



Blade 2in x 1-3/4in (5.1cm x 4.4cm) wide.

Écarteurs Wundspreizer/Retraktoren Divaricatori Separadores Retratores リトラクター

#### **CRAWFORD Aortic Retractors**

Overall length 7-1/2in (19cm).

## (CH8110)

Small. Blade

15mm x 15mm.

#### CH8112

Large. Blade

20mm x 22mm wide.



Double ended. Blades have fine teeth along edges. Blade 1/2in (1.3cm) wide. Overall length 8in (20.3cm).

#### **CH8130**

Blade length 1-1/2in (3.8cm) and 5/8in (1.6cm).

#### CH8131

Blade length 1-3/4in (4.4cm) and 7/8in (2.2cm).



# **REVUELTA-GARCIA Atrial Retractors**

Overall length 10in (25.4cm).

#### **CH8114**

Blade 1in (2.8cm) wide.



#### **ROSS Aortic Valve Retractors**

Overall length 10in (25.4cm)



#### **CH8105-001**

No. 1 blade, 1.5cm x 1.6cm wide.



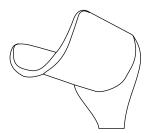
#### CH8105-004

No. 4 blade, 1.3cm x 2.9cm wide.



#### CH8105-002

No. 2 blade, 1.3cm x 2.3cm wide.



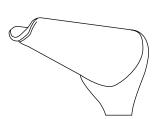
## CH8105-005

No. 5 blade, 2.9cm x 2.9cm wide.



#### CH8105-003

No. 3 blade, 1.8mm x 2.5mm wide.



#### CH8105-006

No. 6 blade, 3.5cm x 2.1cm wide.



## **Retractors/Forceps**

Écarteurs/Forceps
Wundspreizer/Retraktoren/Zangen
Divaricatori/Pinze
Separadores/Forceps Retratores/Fórceps リトラクター/鉗子

#### **ROCHESTER Rake Retractor**

#### **CH8158**

=20

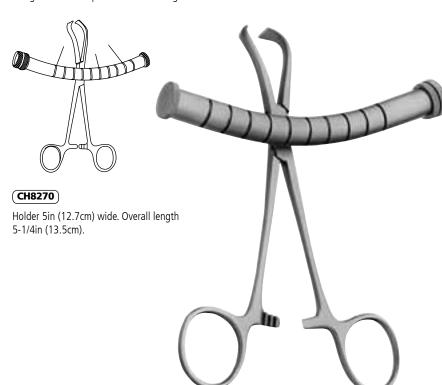
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=10

3 sharp prongs. 8mm wide. Overall length 6-3/4in (17.1cm).

#### **McINTOSH Suture Holding Forceps**

Designed for the separation and holding of sutures.



#### **CASTANEDA Suture Tag Forceps**

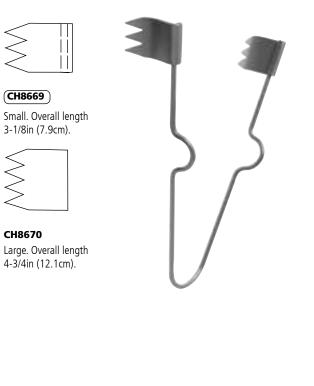
## **CH6805**

Smooth jaw. Overall length 4in (10.2cm).

#### **KARMODY Vascular Spring Retractors**

Blades have serrated edges.

CH8670

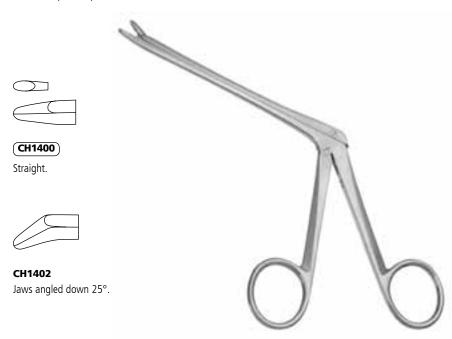


#### **Rongeurs/Spreaders/Retractors**

Pinces-gouges/Râteaux/Écarteurs Rongeure/Spreizer/Wundspreizer/Retraktoren Pinze ossivore/Divaricatori/Divaricatori Gubias/Espátulas/Separadores Saca-bocados/Afastadores/Retratores 骨鉗子/スプレッダー/リトラクター

#### **BAILEY Rongeurs**

Jaws 3mm wide. Shaft length 4-15/16in (12.5cm).



#### **FINOCHIETTO Pediatric Rib Spreader**

Curved blade arms.



#### ♦ (CH1210-1)

Blades 1-1/4in x 1-3/4in (3.2cm x 4.4cm) wide. Arm length 5-1/2in (14cm). Spread 6in (15.2cm).

## **FINOCHIETTO Pediatric Rib Spreader**

Aluminum arms and blades.



#### **CH1211**

Blades 1-1/4in x 1-3/4in (3.2cm x 4.4cm) wide. Arm length 4-5/16in (11cm). Spread 6-3/8in (16.2cm).

## **COOLEY Rib Retractors**

Pediatric. Aluminum arms and blades.



#### **CH1249**

Blades 16mm x 25mm wide. Arm length 4in (10.2cm). Spread 4-3/4in (12.1cm).

#### CH1248

Blades 35mm x 35mm wide. Arm length 5-3/4in (14.6cm). Spread 7in (17.8cm).

#### **WILSON Rib Spreader**

Aluminum arms and blades.



Blades. 26mm x 30mm wide. Arm length 4in (10.2cm). Spread 3-7/8in (9.8cm).

Écarteurs/Râteaux Wundspreizer/Retraktoren/Spreizer Divaricatori/Divaricatori Separadores/Espátulas Retratores/Afastadores リトラクター/スプレッダー

#### **KRASKY Retractor**

Curved blade with six sharp prongs. Blade 2in x 1in (5.1cm x 2.5cm) wide.

#### **CH860**

=20

Overall length 11in (27.9cm).



#### **WEINBERG Rib Spreader**

Aluminum arms and blades.



#### **CH1262**

Blades. 12mm x 19mm wide. Arm length 3-1/2in (8.9cm). Spread 2-7/8in (7.3cm).

#### **HAIGHT Rib Retractor**



## CH1251

Large. Blades 1-1/4in x 1-1/8in (3.2cm x 2.7cm) wide. Arm length 3-1/2in (8.9cm). Spread 4-1/2in (11.4cm).

#### **FINOCHIETTO Rib Spreaders**

Aluminum arms and blades.



#### CH1260

Blades. 10mm x 15mm wide. Arm length 2-3/4in (7cm). Spread 2-3/4in (7cm).

#### ♦ CH1261

Blades. 6mm x 6mm wide. Arm length 1-3/8in (3.5cm). Spread 1-3/8in (3.5cm).

#### **BURFORD Rib Spreader**

Aluminum arms and blades.



## **CH1243**

Two blade sets: 1-1/4in x 1-1/8in (3.2cm x 2.9cm) wide and 1-3/4in x 1-1/8in (4.5cm x 2.9cm) wide. Arm length 6in (15.2cm). Spread 5-1/2in (14cm).

Écarteurs/Râteaux Wundspreizer/Retraktoren/Spreizer Divaricatori/Divaricatori Separadores/Espátulas Retratores/Afastadores リトラクター/スプレッダー

#### RIENHOFF-FINOCHIETTO Rib Spreader

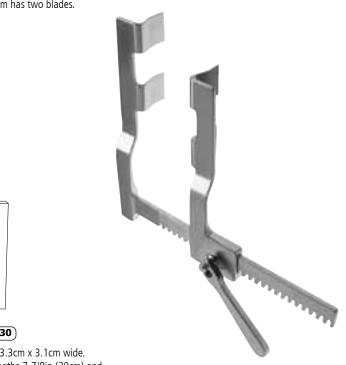


#### **CH1140-1**

Blades 3/4in x 1in (1.9cm x 2.5cm) wide. Arm length 5-5/8in (14.3cm). Spread 6in (15.2cm).

#### **LEMMON Sternal Spreader**

Each arm has two blades.



#### **CH1230**

Blades 3.3cm x 3.1cm wide. Arm lengths 7-7/8in (20cm) and 6-5/8in (16.8cm). Spread 8in (20.3cm).

#### **COOLEY Sternal Retractor**

Extra small. Aluminum blades and arms.



## **CH6950-007**

Blades 3/8in x 5/8in (10mm x 16mm) wide. Arm length 2-1/8in (5.4cm). Spread 3-1/8in (7.9cm).

#### **COOLEY Sternotomy Retractor**

Small. Aluminum arms and blades. With stabilizing pins in blades.



#### **CH1289**

Blades 14mm x 19mm wide. Arm length 3-3/8in (8.6cm). Spread 4in (10.2cm).

#### **COOLEY Sternotomy Retractors**

Aluminum arms and blades.



#### CH1287

Blades 20mm x 29mm wide. Arm length 3-1/8in (7.9cm). Spread 4-5/8in (11.7cm).

#### **CH1288**

Blades 14mm x 16mm wide. Arm length 2-3/4in (7cm). Spread 3-3/8in (8.6cm).

Écarteurs/Râteaux Wundspreizer/Retraktoren/Spreizer Divaricatori/Divaricatori Separadores/Espátulas Retratores/Afastadores リトラクター/スプレッダー

#### **HARRINGTON Retractors**

Overall length 14-1/2in (36.8cm).

## **CH1008**

12

Large blade 7-1/2in x 4-1/2in (19.1cm x 11.4cm) wide.

#### CH1009

Extra-large blade 7-1/2in x 6-1/2in (19.1cm x 16.5cm) wide.



# HARRINGTON-PEMBERTON Retractor

Blade 7-1/2in x 2-1/2in

(19.1cm x 6.4cm) wide, thickened distal end.

#### **CH1010**

Overall length 14-1/2in (36.8cm).



#### **HARRINGTON Splanchnic Retractors**

Flat, deeply curved, springy blade with thickened distal end.

Overall length 12-1/2in (31.7cm).

#### **CH1000**

Blade 5in x 1-1/2in (12.7cm x 3.8cm) wide.

#### CH1005

Blade 5in x 2-1/2in (12.7cm x 6.4cm) wide.



Écarteurs/Râteaux Wundspreizer/Retraktoren/Spreizer Divaricatori/Divaricatori Separadores/Espátulas Retratores/Afastadores リトラクター/スプレッダー

# Titanium ANKENEY Sternal Retractor

Includes six detachable swivel blades and one pair of springs on each arm.



Blades. 1-1/4in x 1-3/8in wide (3.2cm x 3.5cm). Arm length 11-1/2in (29.2cm). Spring length 3-1/4in (8.3cm). Spread 7in (17.8cm).

#### CH1290-1

Blades only. 2in x 1-3/8in wide (5.2cm x 3.5cm). Six per set.

## titanium

#### **TUFFIER Rib Spreader**



**♦** (CH1100)

Blades 1-1/2in x 1-5/8in (3.8cm x 4.1cm) wide. Spread 7in (17.8cm).

## COOLEY-MERZ Sternum



#### CH1275-1

Extra-large.
Blades 1-3/8in x 4-3/8in (3.5cm x 11cm) wide.
Arm length 8-1/2in (21.6cm).
Spread 9-3/8in (23.8cm).

#### **COOLEY Sternotomy Retractors**



#### **CH1285-1**

Blades 7/8in x 1-7/8in (2.1cm x4.6cm) wide. Arm length 4-3/8in (11cm). Spread 8-1/4in (21cm).

#### ♦ CH1280-1

Blades. 1-3/8in x 2in (3.5cm x 5cm) wide. Arm length 5-3/4in (14.5cm). Spread 9-1/2in (24.1cm).

#### **TUFFIER Rib Retractor**

Total opening 6-1/2in (16.5cm).



**CH1101** 

Serrated blades 2in x 1-3/4in wide (5.1cm x 4.4cm). Blades 2in deep (5.1cm).

## Spreaders

Râteaux Spreizer Divaricatori Espátulas Afastadores スプレッダー

<u>\_\_\_</u>21

<u>=</u>20

12

## **FINOCHIETTO Rib Spreader**

Small. Straight arms.



Blades 1/2in x 5/8in wide (1.3cm x 1.6cm). Arm length 2-1/16in (5.2cm). Spread 2-2/8in (5.4cm).

#### **FINOCHIETTO Rib Spreaders**

Curved blade arms. Arm length 7-1/4in (18.4cm). Spread 8-1/2in (21.6cm).



#### ♦ (CH1215-1)

Adult. Blades 1-3/4in x 2-1/2in (4.4cm x 6.4cm) wide.

#### CH1220-1

Large. Blades 2-3/4in x 2-1/2in (7cm x 6.4cm) wide.

#### **FINOCHIETTO Rib Spreaders**

Aluminum arms and blades.



Adult.

Blades 1-1/2in x 2-3/8in (3.8cm x 6cm) wide. Arm length 7-1/4in (18.4cm). Spread 7-5/8in (19.4cm).

#### **CH1221**

Large.
Blades 3in x 2-3/8in (7.6cm x 6cm) wide.
Arm length 7in (17.8cm).
Spread 7-1/2in (19.1cm).

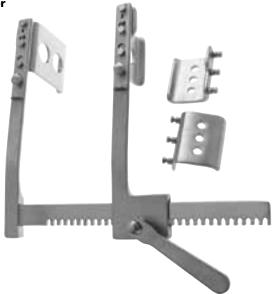
#### **BURFORD Rib Spreader**

Aluminum arms and blades.



Adult.
Two blade set: 2in x 2-1/4in
(5.1cm x 5.7cm) wide and
2-1/2in x 2-1/2in (6.4cm x 6.4cm) wide.
Arm length 9-5/16in (23.7cm).
Spread 7-7/8in (20cm).

#### **BURFORD Rib Spreader**



◆ **CH1240-1**Two small blades

1-3/4in x 2-1/2in (4.4cm x 6.4cm) wide and two large blades 3in x 2-1/2in (7.6cm x 6.4cm) wide. Spread 7-1/2in (19.1cm).

Écarteurs Wundspreizer/Retraktoren Divaricatori Separadores Retratores リトラクター

#### **BAILEY-GIBBON Rib Contractor**

Large thumbscrew automatic ratchet holds blades in place.

#### (CH1355)

Long arms, length 2in (5.1cm). Overall length 6-1/2in (16.5cm).



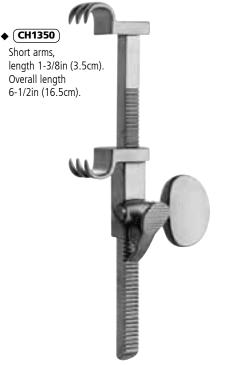
#### **LEMMON Sternal Approximator**

Used in pairs to maintain close approximation of sternal edges



#### **BAILEY Rib Contractor**

Large thumbscrew automatic ratchet holds blades in place.



#### Customer support

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#### Retractors

Écarteurs Wundspreizer/Retraktoren Divaricatori Separadores Retratores リトラクター

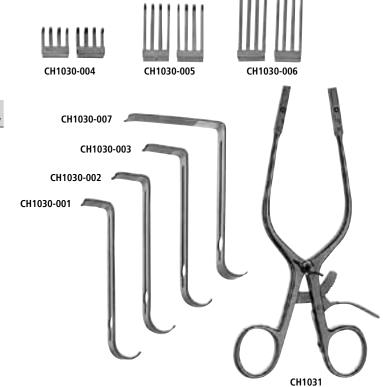
#### **HENLY Retractor Set**

## ♦ (CH1030)

=20

In addition to the retractor frame, the set includes three pair of side blades, each having four blunt prongs: 3in (7.6cm), 2in (5.1cm) and 1in (2.5cm). Also, four center blades: 3in (7.6cm), 1-1/4in (3.2cm), 1in (2.5cm) and 3/4in (1.9cm).

C . N	<b>.</b>	Set
Cat. No.	Description	Quantity
CH1030-001	Center blade. 3/4in x 5/8in (1.9cm x 1.6cm) wide.	1
CH1030-002	Center blade. 1in x 5/8in (2.5cm x 1.6cm) wide.	1
CH1030-003	Center blade. 1-1/4in x 5/8in (3.2cm x 1.6cm) wide.	1
CH1030-007	Center blade. 3in x 5/8in (7.6cm x 1.6cm) wide.	1
CH1030-004	Side blades. 1in x 1in (2.5cm x 2.5cm) wide.	Pair
CH1030-005	Side blades. 2in x 1in (5.1cm x 2.5cm) wide.	Pair
CH1030-006	Side blades. 3in x 7/8in (7.6cm x 2.2cm) wide.	Pair
CH1031	Frame only. Overall length 7in (17.8cm)	1



#### **HENLY Retractors**

Original-type. Modified version of the WEIT-LANER retractor allows for a third retractor blade to be attached.

## (CH1130)

Complete set includes HENLY retractor, overall length 6-1/2in (16.5cm), and three center blades (CH1131, CH1132, CH1133).

#### CH1131

Small.

3/4in x 5/8in wide (1.9cm x 1.6cm).

#### CH1132

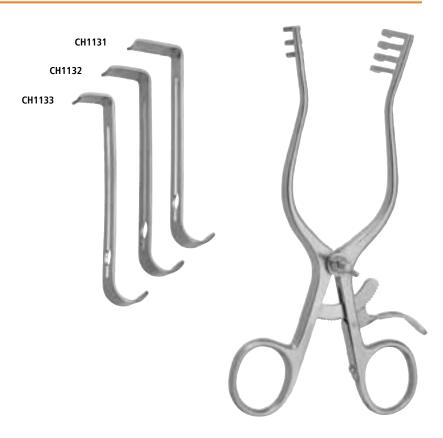
Medium.

1in x 5/8in wide (2.5cm x 1.6cm).

## CH1133

Large.

1-1/4in x 5/8in wide. (3.2cm x 1.6cm).



#### **Dissectors/Hooks**

Dissecteurs/Crochets Dissektoren/Haken Dissettori/Uncini Diseccionadores/Ganchos Escalpelos/Ganchos 切開器/フック

#### **Double-Ended Dissector**



#### **CH2605**

Overall length 7in (17.8cm).

# **OLIVEKRONA Double-Ended Dissectors**

#### CH2615

Light. Overall length 7-1/4in (18.4cm).

#### CH2616

Light. Overall length 9-5/8in (24.4cm).

#### **CH2617**

Heavy. Overall length 7-3/4in (19.7cm).

#### CH2618

Heavy. Overall length 9-1/2in (24.1cm).

#### **CRILE Hook and Dissector**

Matte and Mirror finish.

#### **CH2600**

Overall length 12-1/2in (31.8cm).

#### **Villavicencia Vein Hooks**

Overall length 5-3/4in (14.6cm).

#### **CH2611**

2mm hook.

#### CH2612

3mm hook.

#### **CRILE Single Hook**

Mirror and Satin finish.

## **CH2610**

Overall length 12-1/2in (31.8cm).

#### **Vascular Hooks**

Overall length 9-1/2in (24.1cm).

#### **CH8676**

Angled 90°.

#### **Scissors**

Ciseaux Scheren Forbici Tijeras Tesoura

#### **CASTROVIEJO Micro Scissors**

Round handle. Sharp fine tips. Overall length 4-1/2in (11.4cm).

#### CH07420

Angled 25°.

#### CH07422

Angled 45°.



#### CH07424

Angled 60°.

#### CH07426

Angled 90°.

#### CH07428

Angled 125°.

#### **Artery Scissors**

Ball tip on lower blades. Overall length 6-3/4in (17.2cm).

#### CH5661-001

Angled 25°.

#### CH5661-002

Angled 45°.



#### CH5661-004

Angled 90°.

#### CH5661-005

Angled 120°.



#### **Artery Scissors**

Overall length 6-3/4in (17.2cm).

#### CH5663-001

Blades angled 25°.

#### CH5663-002

Blades angled 45°.

#### CH5663-004

Blades angled 90°.



#### CH5663-005

Blades angled 120°.



#### **Artery Scissors**

Delicate. Overall length 8in (20.3cm).



#### CH5668-002

Blades angled 45°.

#### CH5668-003

Blades angled 60°.



## JACOBSON Angled Spring-Handled Scissors

Flat handle. Fine blades. Overall length 6-1/2in (16.5cm).

#### CH07450

Angled 25° sharp.



## **♦** (CH07452)

Angled 45° sharp.

## CH07454

Angled 60° sharp.

#### CH07456

Angled 90° sharp.



#### CH07458

Angled 125° sharp.

# JACOBSON Spring-Handled Scissors

Curved blades, length 7/8in (2.2cm) from mid-screw. Mirror finish.

## **CH8545**

Overall length 5-1/4in (13.3cm).

#### CH8550

Overall length 6-1/2in (16.5cm).



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#### **JACOBSON Micro Scissors**

Flat handle. Overall length 7in (17.8cm).

#### CH07470

Angled on flat blades 25°.

#### CH07472

Angled on flat blades 45°.

#### CH07274

Angled on flat blades 60°.

#### CH07276

Angled on flat blades 90°.

## JACOBSON Angled Spring-Handled Scissors

Round handle. Fine blades. Overall length 7in (17.8cm).



#### **CH07460**

Angled 25° sharp.

#### **♦ CH07462**

Angled 45° sharp.

#### CH07464

Angled 60° sharp.

#### CH07466

Angled 90° sharp.



#### **♦ CH07468**

Angled 125° sharp.

#### **JACOBSON Micro Scissors**

Sharp fine tips.
Overall length 7in (17.8cm).

#### CH07460-1

Blades angled 25°.



#### CH07462-1

Blades angled 45°.



#### CH07464-1

Blades angled 60°.

#### CH07466-1

Blades angled 90°.

#### CH07468-1

Blades angled 125°.

## **JACOBSON Bayonet-Shaped Scissors**

Spring handles. Very delicate blades, angled 90° on-the-flat. Blade length 12mm from inside of curve to tips. Mirror and Satin finish.

Overall length 7-3/8in (18.7cm).



#### **CH8555**

Sharp tips.



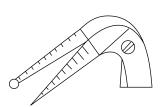
#### CH8560

Blunt tips.



## **MILLS Circumflex Scissors**

Blades angled 125°.



#### **CH5706**

1mm ball on tip. Overall length 7-1/4in (18.4cm).



#### **Scissors**

Ciseaux Scheren Forbici Tijeras Tesoura

#### **YASARGIL Scissors**

Bayonet-shaped. Reverse angle cutting blades, length 12mm. Angled 125°. **CH5708** Overall length 7-1/4in (18.4cm).

## **LINDLEY Scissors**

Delicate. Spring handled. Blades angled 90°.

#### CH8360

Overall length 8in (20.3cm).



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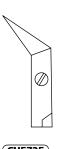
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#### **DIETHRICH Artery Scissors**

V. Mueller offers the full family of DIETHRICH scissors that come in five different blade angles, available in 25°, 45°, 60°, 90°, and 125° blade angles. Scissors have tapered shafts with thin, narrow blades provide delicate, lightweight feel; finer than the POTTS-SMITH style. Satin finish prevents glare. Blade length 3/4in (19mm). Overall length 7-1/4in (18.4cm).



CH5725

Blades angled 45°.



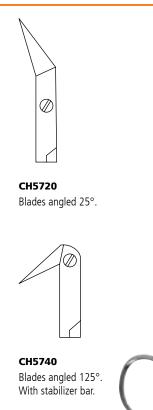
CH5730

Blades angled 60°.



CH5735

Blades angled 90°.



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#### **DIETHRICH Artery Scissors**

Extra delicate blades. Overall length 7in (17.8cm).

#### CH5720-001

Blades angled 25°.

#### CH5725-001

Blades angled 45°.

#### CH5730-001

Blades angled 60°.



#### CH5735-001

Blades angled 90°.

#### CH5740-001

Blades angled 120°.



#### **Super Cut DIETHRICH Artery Scissors**

Sharp/Sharp. One serrated blade. Mirror finish.

CH5666-03S Angled 90°. Overall length 6-3/4in (17.1cm).

#### CH5666-02S

Angled 60°. Overall length 7in (17.8cm).

#### CH5666-01S

Angled 25°. Overall length 7-1/4in (18.4cm).



#### **CH5666-S**

Angled 45°.

With stabilizing bar.



Angled 125°. Overall length 7in (17.8cm).



#### **POTTS-SMITH Scissors**

Blade length 5/8in (1.5cm). Overall length 5in (12.7cm).

#### CH5651-001

Blades angled 25°.



#### CH5651-002

Blades angled 60°.

#### CH5651-003

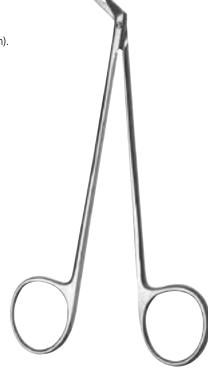
Blades angled 90°.



#### **POTTS-SMITH Scissors**

## **CH5651**

Short. Angled 45°. Blade length 1/2in (1.3cm). Overall length 5-1/4in (13.3cm).



#### **Scissors** Ciseaux Scheren Forbici Tijeras Tesoura **POTTS-Type Cardiovascular Scissors POTTS-SMITH Scissors** Tapered shanks. Thin, narrow, Regular blades, length 7/8in (22mm). micro blunt blades, 10mm. Mirror finish. Overall length 7-1/4in (18.4cm). CH5671-001 CH5665 Angled 25°. Angled 25°. Overall length 7in (17.8cm). **♦ CH5662** Angled 45°. CH5671-002 **CH5660** Angled 45°. Overall length Angled 60°. 7in (17.8cm). CH5671-003 Angled 60°. Overall length 6-7/8in (17.5cm). CH5671-004 Angled 90°. Overall length 6-3/4in (17.1cm). CH5671-005 Angled 120°. Overall length 6-3/4in (17.1cm). **POTTS-SMITH Scissors POTTS-SMITH Scissors POTTS-SMITH Scissors** Delicate. Blade length Mirror finish. Blades angled-on-flat 50°. 1/2in (13mm). Mirror finish. **CH5652** CH5666-001 **CH5670** Short. Angled 25°. Blades angled 45°, Blade length Overall length length 3/4in (19cm). 1in (25mm). 7-1/4in (18.2cm). Overall length Overall length 5-3/4in (14.6cm). 7-3/4in (19.7cm). ◆ (CH5666) Angled 45°. Overall length 7in (17.8cm). CH5666-002 Angled 60°. Overall length 7in (17.8cm). CH5666-003 Angled 90°. Overall length 6 3/4in (17.1cm). 36

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### **Super Cut POTTS-SMITH Scissors**

Mirror finish. Overall length 7in (17.8cm).

### CH5665-S

Angled 25°.

### **CH5662-S**

Angled 45°.

### CH5660-S

Angled 60°.



### **COOLEY Reverse Cut Scissors**



### **DeBAKEY-POTTS Scissors**

Blade length 1in (25mm). Mirror finish. Blunt/blunt. Overall length 6-1/2in (16.5cm).

### CH5667-001

Blades angled 25°.

### CH5667-002

Blades angled  $45^{\circ}$ .

### CH5667-003

Blades angled 60°.

### Blade length 1in (25mm). Mirror finish. **CH5669-001** Blades angled 25°. Overall length 9in (22.9cm). CH5669-002 Blades angled 45°. Overall length 9in (22.9cm). CH5669-003 Blades angled 60°. Overall length 9in (22.9cm). CH5670-001 Blades angled 25°. Overall length 11-1/4in (28.6cm).

### **COOLEY Vascular Scissors**

Overall length 7-1/4in (18.4cm). Mirror finish. Blades angled 45°.

### **CH5656**

1mm probe point on tip.

### CH5657

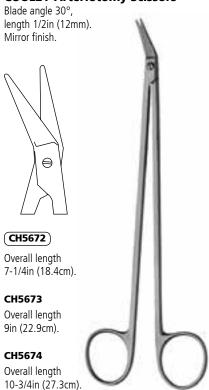
1.5mm probe point on tip.



### **Scissors**

Ciseaux Scheren Forbici Tijeras Tesoura

### **COOLEY Arteriotomy Scissors**



### **MORSE Scissors**

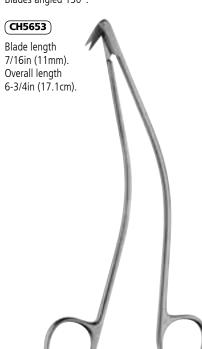
Sharply pointed blades are externally sharpened. Bottom blade serrated. Mirror finish.

### CH5695

Curved. Overall length 7in (17.8cm).

### **FAVALORO Curved Shank Coronary Scissors**

Blades angled 130°.



### **POTTS Tenotomy Scissors**

Overall length 5-1/2in (14cm). ♦ (CH5674-001) Curved. CH5674-002 Straight.

### **POTTS Tenotomy Scissors**

Curved. Mirror finish.

**♦** (CH5675) Overall length 6in (15.2cm).

Overall length

8in (20.3cm).



### **LILEHEI-POTTS Tenotomy Scissors**

Overall length 7in (17.8cm).

CH0758 Straight.

**CH0764** 

Curved.



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### **Super Cut JAMISON Scissors**

Curved. Mirror finish.

### CH2035-S

Overall length 5-1/2in (14cm).

### CH2036-S

Overall length 7in (17.8cm).



### **JAMISON-METZENBAUM Scissors**

Curved. Tenotomy type tips.

**CH5677-9** 

Overall length 9in (22.8cm).



### **CHURCH Scissors**

Light, long scissors. Beveled, MAYO-type dissecting blades. Blunt.

### CH2240

Straight. Overall length 6-3/4in (17.1cm).

### CH2260

Straight. Overall length 10in (25.4cm).

### CH2250

Curved. Overall length 6-3/4in (17.1cm).

### **CH2255**

Curved. Overall length 10in (25.4cm).



### **POTTS-SMITH Dissecting Scissors**

Curved. Mirror finish.



### **NELSON Lobectomy Scissors**

Rounded, curved blades.

### CH2026

Overall length 10-1/4in (26cm).

### CH2027

Overall length 14-1/4in (36.2cm).



### **COOLEY Cardiovascular** "My" Scissors

MAYO-type tips. Curved. Mirror finish.

### ◆ (CH2052)

Overall length 7-1/2in (19.1cm).

### ♦ CH2053

Overall length 9in (22.9cm).



### **Scissors** Ciseaux Scheren

Forbici

### Tijeras Tesoura

**SWEET Esophageal Scissors** 

### flat blunt tips. **CH2060**

Overall length 8-1/2in (21.6cm).

Blades angled on



### **JORGENSON Scissors**

A modification of the MAYO dissecting scissors with an exaggerated curve. Mirror finish.

### ♦ (CH2070)

Overall length 8-1/2in (21.6cm).



### **CH5655**

Overall length 7-1/4in (18.4cm).



### **LITWAK General Utility Scissors**

Curved. Blunt/Blunt. Mirror finish.

### **CH5688**

Overall length 4-5/8in (11.7cm).



### **CRAFOORD Lobectomy Scissors**

Curved heavier blade. Blunt/Blunt.

### (CH2040)

Overall length 12in (30.5cm). Mirror and Satin finish.



### **Cardiovascular Scissors**

Very fine and delicate. Small ball tip on one blade. Straight. Mirror finish.

### **CH5690**

Overall length 4-3/4in (12.1cm).



Ciseaux Scheren Forbici Tijeras Tesoura 鋏

### **DeBAKEY Endarterectomy Scissors**

Mirror finish.



### **Super Cut Endarterectomy Scissors**

Curved.
Blunt/Blunt.
One serrated blade.
Mirror finish.

### CH5698-S

Overall length 7in (17.8cm).

### **TOENNIS Dissecting Scissors**

Delicate. Mirror finish.

### **CH5682**

Straight. Overall length 7-1/4in (18.4cm).

### CH5684

Curved. Overall length 7-1/8 (18.1cm).



### **DeMARTEL Vascular Scissors**

Slim and delicate. Blunt/Blunt. Blade length from mid-screw 1-1/8in (2.9cm). Mirror finish.

### CH5693

Straight.
Overall length
7-3/4in (19.7cm).

### **CH5692**

Curved. Overall length 7-3/4in (19.7cm).

### CH5692-001

Curved. Overall length 6-3/4in (17.1cm).

### THOMPSON Valve Scissors Fully curved blades, one serrated blade. CH0812 Overall length 8-1/2in (21.6cm). CH0814 Overall length 9-7/8in (25cm).

### **LITWAK Cardiovascular Scissors**

Angled-on-side. Overall length 11in (27.9cm).

### CH5686

Slightly curved blades.

### **CH5687**

Fully curved blades.



### **Scissors/Forceps**

Ciseaux/Forceps Scheren/Zangen Forbici/Pinze Tijeras/Fórceps Tesoura/Fórceps 鋏/鉗子

### **Valve Leaflet Excision Scissors**

Spring handle. Blades angled 45° on-the-flat.



### **CH8689**

Overall length 5-3/4in (14.6cm).



### Arteriotomy (Finger POTTS) Scissors

Spring handle. Blades angled 60°.



### **♦ (CH8690**)

Overall length 5-3/8in (13.7cm).



### **COOLEY Scissors**

Delicate, curved METZENBAUM-type blades Gold shanks for identification.

### CH6950-008

Overall length 5-3/4in (14.6cm).



### Customer support

V. Mueller products are sold only by authorized V. Mueller representatives. All instruments and equipment of our manufacture bear the V. Mueller trademark.

For more information, please contact your sales representative, send an email to **GMB-VM-Europe@carefusion.com** or visit **carefusion.com/vmueller.** 

Due to changing surgical trends, some products described in this catalog may be discontinued or not available in your country.

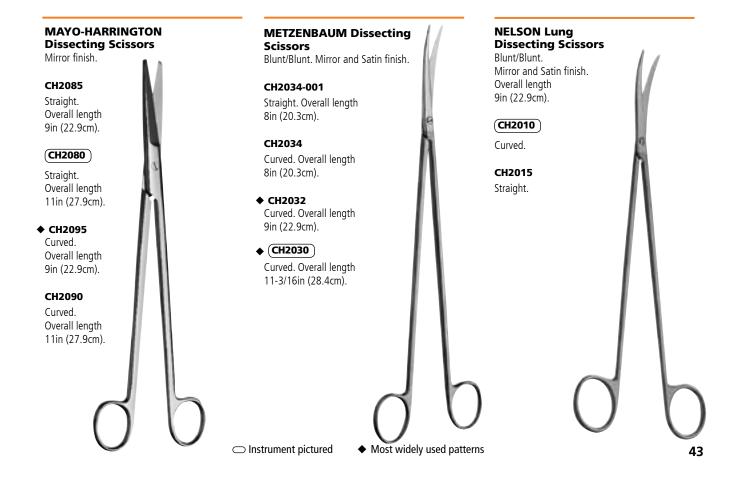
Your V. Mueller sales representative may be able to suggest a suitable substitute if one is available.

Ciseaux Scheren Forbici Tijeras Tesoura リトラクター/フック/鋏

### **LEATHER KARMODY In Situ Valve Scissors**

Blunt-tipped, serrated blades. Alligator-style.





# = 20

### Scissors

Ciseaux Scheren Forbici Tijeras Tesoura 鋏/鉗子

### Super Cut METZENBAUM Dissecting Scissors

Curved. One serrated blade. Mirror and Satin finish.

### (CH2032-S)

Overall length 9in (22.9cm).

### CH2025-S

Overall length 11-3/4in (29.8cm).



### **Super Cut MAYO Dissecting Scissors**

Mirror finish.

### **CH2086-S**

Straight. Overall length 9in (22.9cm).

### CH2096-S

Curved. Overall length 9in (22.9cm).



### Super Cut MAYO-HARRINGTON Scissors

Curved. One serrated blade. Mirror and Satin finish.

### **CH2075-S**

Overall length 12in (30.5cm).



### Vital® METZENBAUM Dissecting Scissors

Delicate. Sharp/Sharp. Stellite® cutting edges.

### CH2007-002

Straight. Overall length 9-1/4in (23.5cm).

### CH2006-002

Curved. Overall length 9-1/4in (23.5cm).



Ciseaux Scheren Forbici Tijeras Tesoura 鋏/鉗子

### **Vital® NELSON Dissecting Scissors**

Curved. Blunt/Blunt. Stellite® cutting edges. Overall length 11in (27.9cm).

### CH2020

Regular.

### CH2020-001

Delicate.

### **Vital® MAYO Dissecting Scissors**

Beveled blades. Stellite® cutting edges.

### CH2086

Straight. Overall length 9in (22.9cm).

### **♦ CH2096**

Curved. Overall length 9in (22.9cm).

### CH2088

Straight. Overall length 14in (35.6cm).

### CH2098

Curved. Overall length 14in (35.6cm).



### **Vital® METZENBAUM Dissecting Scissors**

Blunt/Blunt. Stellite® cutting edges.

### CH2007

Straight. Overall length 9-1/4in (23.5cm).

### **♦ CH2006**

Curved. Overall length 9-1/4in (23.5cm).

### **CH2009**

Curved. Overall length 14-1/2in (36.8cm).

### CH2008

Curved. Overall length 12in (30.5cm).

### Vital® METZENBAUM Dissecting Scissors

Delicate. Blunt/Blunt. Stellite® cutting edges.

### CH2007-001

Straight. Overall length 9in (22.9cm).

### ♦ (CH2006-001)

Curved. Overall length 9in (22.9cm).



### **Scissors/Wire Twisters/Needle Holders**

Ciseaux/Cercleurs/Porte-aiguilles Scheren/Drahtdreher/Nadelhalter Forbici/Torcifilo/Porta-ago Tijeras/Herramientas para enrollar alambres/Sostenes de agujas Tesoura/Enroladores de fio/Porta-agulhas 鋏/ワイヤツイスター/針ホルダー

## DIETHRICH Cardiovascular Scissors Serrated blades. Overall length 9in (22.9cm). CH5741 Slightly curved blades. CH5742 Fully curved blades.

### SATINSKY Scissors Fully curved blades, slightly curved handle. Mirror finish. CH5650 Blade length 1-7/8in (4.8cm). Overall length 9-3/4in (24.8cm).

### Vital® RUBIO Wire Twister Tungsten Carbide inserts. 3,600 teeth per square inch. Overall length 5-1/4in (13.3cm).



### Vital® Wire Twisters

Rounded jaws. Tungsten Carbide inserts. 3,600 teeth per square inch. Overall length 6in (15.2cm).



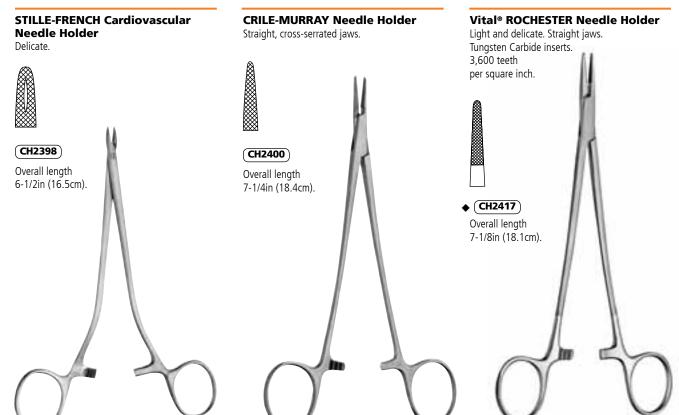
### Vital® COOLEY-BAUMGARTEN Wire Twister

Heavy, blunt jaws. Tungsten Carbide inserts. 3,600 teeth per square inch.



### CH2432 Overall length 10-3/4in (27.3cm).

Porte-aiguilles Nadelhalter Porta-ago Sostenes de agujas Porta-agulhas 針ホルダー



### **Vital® COOLEY Microvascular Needle Holders**

Very delicate, straight jaws. Indented shanks. Tungsten Carbide inserts.



### **CH2406**

Smooth inserts. Overall length 6in (15.2cm).



### CH2407

Smooth inserts. Overall length 6-3/4in (17.1cm).



### CH2408

Smooth inserts. Overall length 8in (20.3cm).



### CH2407-001

Serrated inserts. 3,600 teeth per square inch. Overall length 6-3/4in (17.1cm).



### CH2406-001

Serrated inserts. 3,600 teeth per square inch. Overall length 6in (15.2cm).



### CH2408-001

Serrated inserts. 3,600 teeth per square inch. Overall length 8in (20.3cm).

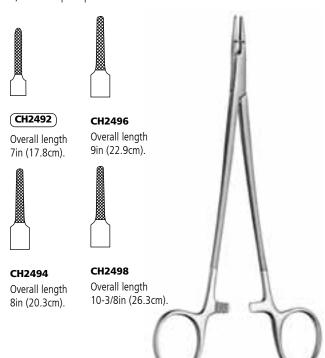


### **Needle Holders**

Porte-aiguilles Nadelhalter Porta-ago Sostenes de agujas Porta-agulhas 針ホルダ

### **Vital® COOLEY Intracardiac Needle Holders**

Straight, narrow jaw. Tungsten Carbide inserts. 3,600 teeth per square inch.



Straight jaws, serrated. Tungsten Carbide inserts. 3,600 teeth per square inch.

**Vital® Microvascular Needle Holders** 



### CH2443

Overall length 7-1/8in (18.1cm).

### **CH2444**

Overall length 8in (20.3cm).

### CH2445

Overall length 9in (22.9cm).



### **Vital® RYDER Needle Holders**

Narrow jaws. Tungsten Carbide inserts. Gold Plate and Satin finish.



### **CH2500**

Smooth inserts. Overall length 5in (12.7cm).



### CH2501

Smooth inserts. Overrall length 6in (15.2cm).



### CH2502

Smooth inserts. Overall length 7in (17.8cm).



### CH2503

Smooth inserts. Overall length 8in (20.3cm).



### CH2504

Smooth inserts. Overall length 9in (22.9cm).



### **♦ CH2508**



### CH2509

Serrated inserts. 3,600 teeth per square inch. Overall length 8in (20.3cm).



### CH2510

Serrated inserts. 3,600 teeth per square inch. Overall length 9in (22.9cm).



### **♦ CH2506**

Serrated inserts. 3,600 teeth per square inch. Overall length 5in (12.7cm).



### ♦ CH2507

Serrated inserts. 3,600 teeth per square inch. Overall length 6in (15.2cm).

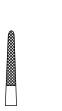


Serrated inserts. 3,600 teeth per square inch. Overall length 7in (17.8cm).

Porte-aiguilles Nadelhalter Porta-ago Sostenes de agujas Porta-agulhas 針ホルダー



Delicate patterns. Straight. Tungsten Carbide inserts. 3,600 teeth per square inch.



♦ (CH2481)

Overall length 7-1/8in (18.1cm).



♦ CH2482

Overall length 9in (22.9cm).



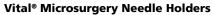
CH2483

Overall length 10-3/8in (26.3cm).



**♦ CH2484** 

Overall length 11-3/4in (29.8cm).



Spring handle. Smooth Tungsten Carbide inserts.



### CH2448

Curved jaws. Flat lock. Overall length 5-5/8in (14.3cm).



### **CH2452**

Straight jaws. Flat lock. Overall length 5-3/4in (14.6cm).

### CH2454

Straight jaws. Without lock. Overall length 5-3/4in (14.6cm).

### ♦ CH2457

Straight jaws. Flat lock. Overall length 7-1/4in (18.4cm).



### Vital® SPENCER Cardiovascular Needle Holder

Spring handle. Flat lock. Smooth Tungsten Carbide inserts.



### **CH8800**

Overall length 7in (17.8cm).



### Vital® CASTROVIEJO Needle Holders

Spring handle. Flat lock. Straight jaws. Tungsten Carbide inserts. 3,600 teeth per square inch.



### ♦ (CH2456)

Overall length 7-1/4in (18.4cm).



### **♦ CH8589**

Overall length 8-3/4in (22.2cm).



### Vital® JACOBSON Needle Holder

Straight jaw. Smooth Tungsten Carbide inserts.



### **CH8591**

Round lock. Overall length 8-3/4in (22.2cm).



### **Needle Holders**

Porte-aiguilles Nadelhalter Porta-ago Sostenes de agujas Porta-agulhas 針ホルダ

### **JACOBSON Needle Holders**

Spring handle. Round lock. Straight, smooth jaws.



### **CH8592**

Overall length 7in (17.8cm).



### CH8590

Overall length 8-3/4in (22.2cm).

### Vital® JACOBSON Spring-Handled **Needle Holder**

Straight jaws. Smooth Tungsten Carbide inserts.



### CH8591-001

Flat lock.



### **JACOBSON Spring-Handled Needle Holders**



### CH8590-001

Overall length 8-5/8in (22cm).



### CH8592-001

Overall length 7in (17.8cm).



### Vital® JACOBSON Heavy-Style **Needle Holders**

Round handle for large needles. Tungsten Carbide inserts. 3,600 teeth per square inch. With lock.

### CH06310

Overall length 7-1/2in (19cm).



### ♦ (CH06330)

Overall length 9in (22.9cm).

### ◆ CH06340

Overall length 10in (25.4cm).



With lock.

### CH0652

Straight. Without lock.



### CH0654

Curved. With lock.

### CH0656

Curved. Without lock.



### With lock.

Straight. Without lock.



### CH0662

Curved. With lock.

### CH0664

Curved. Without lock.



Porte-aiguilles Nadelhalter Porta-ago Sostenes de agujas Porta-agulhas 針ホルダー

### Delicate Touch® JACOBSON Micro Needle Holders

Flat handle.

### **CH0670**

Straight. With lock. Overall length 6-3/4in (17.1cm).

### CH0672

Straight. Without lock. Overall length 6-3/4in (17.1cm).



### CH0690

Straight. With lock. Overall length 7-1/4in (18.4cm).

### CH0692

Straight. Without lock. Overall length 7-1/4in (18.4cm).

### CH0674

Curved. With lock. Overall length 6-3/4in (17.1cm).

### CH0676

Curved. Without lock. Overall length 6-3/4in (17.1cm).



### CH0694

Curved. With lock. Overall length 7-1/4in (18.4cm).

### CH0696

Curved. Without lock. Overall length 7-1/4in (18.4cm).



### **Delicate Touch® JACOBSON Micro Needle Holders**

Round handle. Mirror and Satin Finish.



### **♦ CH0682**

Straight. With lock. Overall length 7-1/4in (18.4cm).

### CH0684

Straight. Without lock. Overall length 7-1/4in (18.4cm).

### ◆ (CH06121)

Straight. With lock. Overall length 8-1/4in (21cm).

### CH06123

Straight. Without lock. Overall length 8-1/4in (21cm).



### CH0686

Curved. With lock. Overall length 7-1/4in (18.4cm).

### CH0688

Curved without lock. Overall length 7-1/4in (18.4cm).

### CH06125

Curved. With lock. Overall length 8-1/4in (21cm).

### CH06127

Curved. Without lock. Overall length 8-1/4in (21cm).



### **Needle Holders**

Porte-aiguilles Nadelhalter Porta-ago Sostenes de agujas Porta-agulhas 針ホルダ

### **Delicate Touch® JACOBSON Micro Needle Holders**

Dust jaw surface for use with 5-0 suture and smaller. Straight. Overall length 8in (20.3cm). Flat, knurled handle.



### CH06100

With lock.

### CH06102

Without lock.



### **Titanium Delicate Touch® JACOBSON Micro Needle Hold**

Round handle.



### CH03184

Curved. With lock. Overall length 8in (20.3cm).

titanium



### **Delicate Touch® JACOBSON Micro Needle Holders**

Round handle. Spiral cut. Mirror and Satin Finish. Overall length 8-1/4in (21cm).



### ◆ (CH06120)

Straight. With lock.

### CH06122

Straight. Without lock.



### CH06124

Curved. With lock.

### CH06126

Curved. Without lock.



Flat handle. Mirror and Satin Finish.



### CH06108

Straight. With lock. Overall length 8-1/2in (21.6cm).



Straight. Without lock. Overall length 8-1/2in (21.6cm).

### **♦ CH06158**

Straight. With lock. Overall length 9-1/2in (24.1cm).

### CH06159

Straight. Without lock. Overall length 9-1/2in (24.1cm).



### CH06112

Curved. With lock. Overall length 8-1/2in (21.6cm).

### CH06114

Curved. Without lock. Overall length 8-1/2in (21.6cm).

### CH06160

Curved. With lock. Overall length 9-1/2in (24.1cm).

### CH06161

Curved. Without lock. Overall length 9-1/2in (24.1cm).



Porte-aiguilles Nadelhalter Porta-ago Sostenes de agujas Porta-agulhas 針ホルダー

### **Delicate Touch® JACOBSON Micro Needle Holders**

Short, round handle. Mirror and Satin Finish. Overall length 9in (22.9cm).



### **CH06128**

Straight. With lock.

### CH06130

Straight. Without lock.



### **Delicate Touch® CASTROVIEJO Needle Holders**

Dust jaw surface for use with 6-0 to 8-0 suture. With lock.

### CH8185

Straight. Overall length 10in (25.4cm).



### **CH8187**

Straight. Overall length 12in (30.5cm).

### CH8186

Curved. Overall length 10in (25.4cm).

### CH8188

Curved. Overall length 12in (30.5cm).

### CH06132 Curved. With lock. CH06134 Curved. Without lock.

### **Delicate Touch® JACOBSON Needle Holders**

Dust jaw surface for use with 7-0 suture or smaller. Round handle.

### CH8210

With lock. Straight. Overall length 10in (25.4cm).

### CH8212

Without lock. Straight. Overall length 10in (25.4cm).



### **CH8218**

With lock. Straight. Overall length 12in (30.5cm).

### CH8220

Without lock. Straight. Overall length 12in (30.5cm).

### CH8214

With lock. Curved. Overall length 10in (25.4cm).

### CH8216

Without lock. Curved. Overall length 10in (25.4cm).



### CH8225

With lock. Curved. Overall length 12in (30.5cm).

### CH8230

Without lock. Curved. Overall length 12in (30.5cm).

### **MILLS Microvascular Needle Holder**

"Captain Hook." Round BARRAQUER handles. Delicate, smooth, curved jaws.



### CH8752

Overall length 8in (20.3cm).



### Vital® MILLS Vascular **Needle Holders**

Round BARRAQUER handles. Spring handle. Flat lock. Smooth Tungsten Carbide inserts. Overall length 8in (20.3cm).



♦ (CH8756) Straight.



CH8766

Curved.

### **Needle Holders**

Porte-aiguilles Nadelhalter Porta-ago Sostenes de agujas Porta-agulhas 針ホルダー

### **Titanium Delicate Touch® JACOBSON Needle Holders**

Finely tapered jaws. Round handle.

### CH03170-S

With lock. Straight. Overall length 7-1/4in (18.4cm).

### CH03172-S

Without lock. Straight. Overall length 7-1/4in (18.4cm)

### CH03180-S

With lock. Straight. Overall length 8-1/4in (21cm).

### CH03182-S

Without lock. Straight. Overall length 8-1/4in (21cm).



### CH03174-S

With lock. Curved. Overall length 7-1/4in (18.4cm).

### CH03184-S

With lock. Curved. Overall length 8-1/4in (21cm).

### titanium



### **CH03170**

Straight. With lock. Overall length 7-1/4in (18.4cm).

**Needle Holders** 

### CH03172

Straight. Without lock. Overall length 7-1/4in (18.4cm).

### ◆ CH03180

Straight. With lock. Overall length 8in (20.3cm).

### CH03182

Straight.
Without lock.
Overall length
8in (20.3cm).

Finely tapered jaws. Flat handle.



**Titanium Delicate Touch® JACOBSON Micro** 

### CH03174

Curved. With lock. Overall length 7-1/4in (18.4cm).

### CH03176

Curved. Without lock. Overall length 7-1/4in (18.4cm).

### CH03184

Curved. With lock. Overall length 8in (20.3cm).



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### Titanium Delicate Touch® JACOBSON Micro Needle Holders

Flat handle.



### **CH03224**

Straight. With lock. Overall length 7-1/4in (18.4cm).

### CH03226

Straight.
Without lock.
Overall length
7-1/4in (18.4cm).

### CH03234

Straight. With lock. Overall length 8-1/2in (21.6cm).



### CH03228

Curved. With lock. Overall length 7-1/4in (18.4cm).

### CH03230

Curved. Without lock. Overall length 7-1/4in (18.4cm).

### CH03236

Curved. Without lock. Overall length 8-1/2in (21.6cm).





### CH03224-S

With lock. Straight. Overall length 7-1/4in (18.4cm).

### CH03226-S

Without lock. Straight. Overall length 7-1/4in (18.4cm).

### CH03234-S

With lock. Straight. Overall length 8-1/2in (21.6cm).

**Titanium Delicate Touch® JACOBSON Needle Holders** 

### CH03236-S

Without lock. Straight. Overall length 8-1/2in (21.6cm).





Porte-aiguilles Nadelhalter Porta-ago Sostenes de agujas Porta-agulhas 針ホルダー



Dust jaw surface for 8-0 or smaller suture. With lock.



### CH8180

Straight. Overall length 9-1/2in (24.1cm).

### CH8181

Straight. Overall length 10in (25.4cm)

### **CH8183**

Straight. Overall length 12in (30.5cm)



### CH8182

Curved. Overall length 10in (25.4cm)

### CH8184

Curved. Overall length 12in 30.5cm)

### titanium



Finely tapered jaws. Round handle.



### CH03200125

Straight jaws. With lock. Overall length 12in (30.5cm).

### CH03200-S

Straight jaws. With lock. Overall length 10in (25.4cm).

### CH03202-S

Straight jaws. Without lock. Overall length 10in (25.4cm).

### CH0320212S

Straight jaws. Without lock. Overall length 12in (30.5cm).



### CH0320412S

Curved jaws. With lock. Overall length 12in (30.5cm).

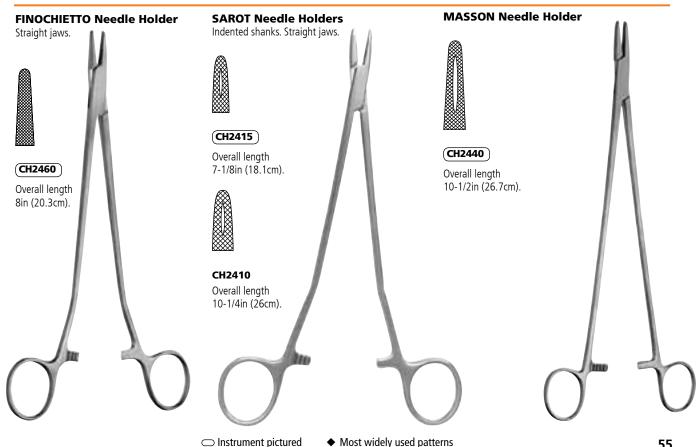
### CH03204-S

Curved jaws. With lock. Overall length 10in (25.4cm).

### CH0320612S

Curved jaws. Without lock. Overall length 12in (30.5cm).

### titanium



### **Needle Holders**

Porte-aiguilles Nadelhalter Porta-ago Sostenes de agujas Porta-agulhas 針ホルダ

### **Delicate Touch® Micro Ring-Handled Needle Holders**



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### CH0636

Straight jaws. Overall length 8-1/2in (21.6cm).

### CH0620

Straight jaws. Overall length 5in (12.7cm).

### CH0624

Straight jaws. Overall length 5-3/4in (14.6cm).

### CH0628

Straight jaws. Overall length 6-1/4in (15.9cm).

### **CH0632**

Straight jaws. Overall length 7-1/4in (18.4cm).

CH0640 Straight jaws. Overall length 10in (25cm).

### CH0634

Curved jaws. Overall length 7-1/4" (18.4cm)

### CH0638

Curved jaws. Overall length 8-3/4in (22.2cm)

### CH0642

Curved jaws. Overall length 10in (25cm).



### **Titanium Delicate Touch® RICHARDS Micro Needle Holders**

Extra-fine dust jaws for use with 5-0 suture and smaller. Straight.

### **CH03450**

Overall length 6in (15.2cm).

### titanium



### **Titanium Delicate Touch® RYDER Needle Holders**

Dust jaw surface for use with 5-0 suture and smaller. Straight.

### CH03430

Overall length 6in (15.2cm).



### CH03432

Overall length 6-3/4in (17.1cm).

7-1/2in (19cm).



### **Delicate Touch® Micro Needle Holders**

RYDER-style.

### CH0629

Overall length 6-1/4in (15.9cm).





### **Titanium Delicate Touch® MAYO-HEGAR Needle Holders**

Dust jaw surface for use with 3-0 suture and smaller. Straight.

### CH03402

Overall length 6-1/4in (15.9cm).

### CH03404

Overall length 7-1/8in (18.1cm).

### CH03406

Overall length 8in (20.3cm).

### CH03408

Overall length 8-5/8in (21.9cm).



Porte-aiguilles Nadelhalter Porta-ago Sostenes de agujas Porta-agulhas 針ホルダー

### Titanium Delicate Touch® Microvascular Needle Holders

Dust jaw surface for use with 5-0 suture and smaller. Straight.



### **CH03422**

Overall length 7-1/8in (18.1cm).

### CH03424

Overall length 8in (20.3cm).

### CH03426

Overall length 8-5/8in (21.9cm).





### **Titanium Delicate Touch® DeBAKEY Needle Holders**

Dust jaw surface for use with 5-0 suture and smaller. Straight.

### CH03412

Overall length 7-1/8in (18.1cm).

### CH03414

Overall length 8in (20.3cm).

### CH03416

Overall length 8-5/8in (21.9cm).



### CH03418

Overall length 10in (25.4cm).





### **Titanium Delicate Touch® Cardiovascular Needle Holders**

Dust jaw surface for use with 5-0 suture and smaller. RYDER-type jaws. Straight.

### CH03436

Overall length 7-1/8in (18.1cm).

### CH03438

Overall length 8in (20.3cm).

### CH03440

Overall length 8-5/8in (21.9cm).

### **CH03442**

Overall length 10in (25.4cm).

### titanium



### **Delicate Touch® JACOBSON Ring-Handled Micro Needle Holders**

With lock. Mirror and Satin Finish.



### **CH06148**

Overall length 7-1/4in (18.4cm).

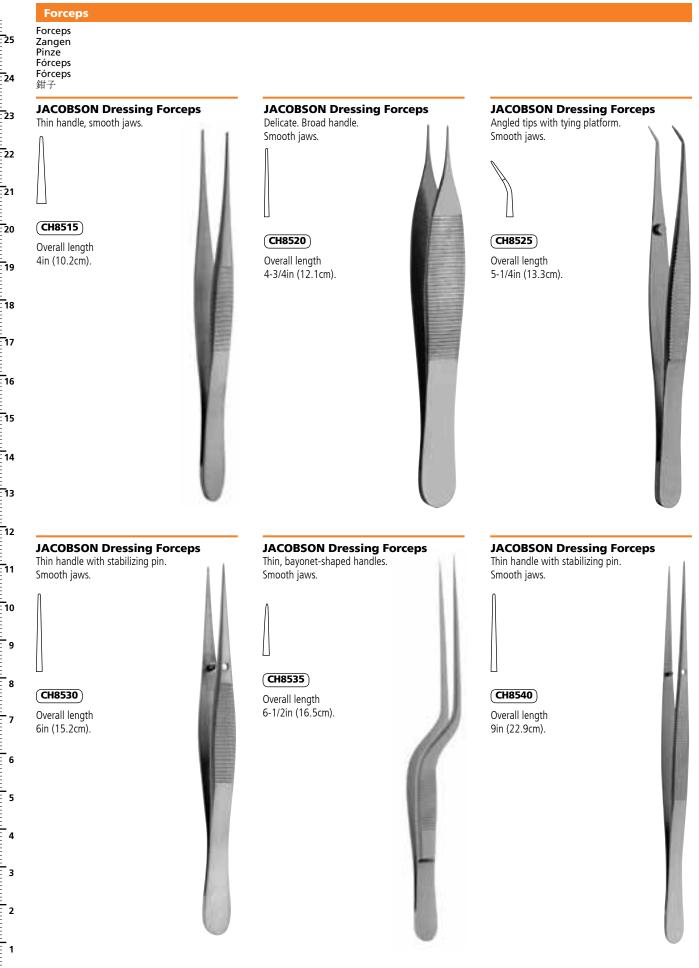
### CH06150

Overall length 8in (20.3cm).

### CH06152

Overall length 9in (22.9cm).





Forceps Zangen Pinze Fórceps Fórceps 鉗子

### **POTTS-SMITH Dressing Forceps**

Fine, serrated tips.

### CH5172

Overall length 7in (17.8cm).

### CH5171

Overall length 8-1/4in (21cm).

### CH5170

Overall length 9-1/2in (24.1cm).

### CH5173

Overall length 10-1/4in (26cm).

### CH5174

Overall length 12in (30.5cm).

### CH5174-014

Overall length 14in (35.6cm).

### **POTTS-SMITH Tissue Forceps**

Fine, serrated tips. 1 x 2 teeth.

### **CH5182**

Overall length 7in (17.8cm).

### CH5181

Overall length 8-1/4in (21cm).

### CH5180

Overall length 9-1/2in (24.1cm).

### CH5183

Overall length 10-1/4in (26cm).

### CH5184

Overall length 12in (30.5cm).

### CH5184-014

Overall length 14in (35.6cm).

### **Vital® POTTS-SMITH Forceps**

Delicate. Tungsten Carbide inserts. 3,600 teeth per square inch.

### **CH5176**

Overall length 7in (17.8cm).

### CH5177

Overall length 8in (20.3cm).

### CH5175

Overall length 9in (22.9cm).

### CH5178

Overall length 9-1/2in (24.1cm).

### CH5179

Overall length 10-1/4in (26cm).

### **KANTROWITZ Dressing Forceps**

Curved, serrated tips. Angled jaws.

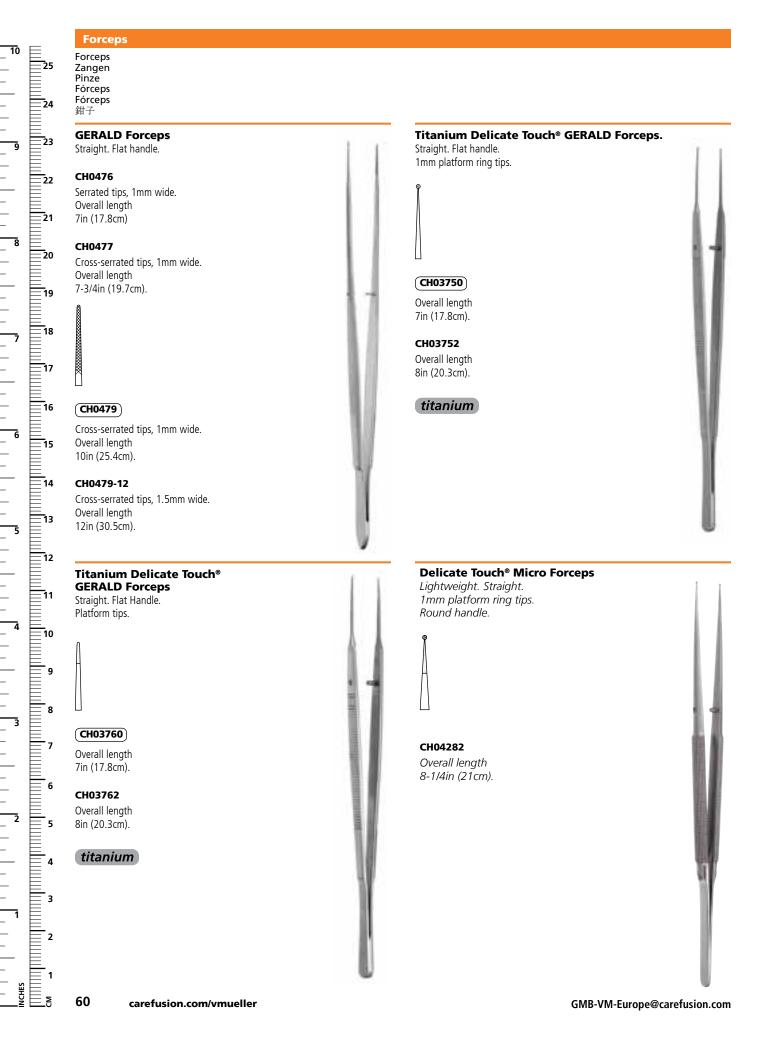


### **CH5195**

Overall length 9-3/4in (24.7cm).



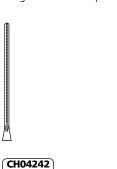




Forceps Zangen Pinze Fórceps Fórceps 鉗子



Straight. Flat handle. Tips 1mm wide.



Overall length 8in (20cm).

### **Delicate Touch® GERALD-DeBAKEY Forceps**

Straight. Flat handle. 1mm wide DeBAKEY tips.



### **CH03740**

Overall length 7in (17.8cm).

### CH03742

Overall length 8in (20.3cm).

### **NELSON Lung Tissue Forceps**

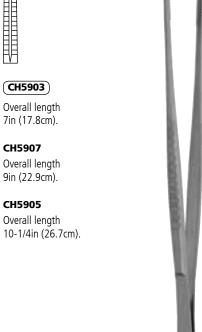
### **CH1500**

6 x 7 teeth. Overall length 9in (22.9cm).



### **RESANO-Type Forceps**





### **DeBAKEY Dissecting Forceps**

Atraumatic. Tips 1mm wide. Round handle.

### **CH13178**

Straight. Overall length 7in (18cm).

### V. Mueller Instrument Warranty

We warranty every medical device and accessory bearing the V. Mueller brand name to be free of functional defects in workmanship and materials when used normally for its intended use. Any V. Mueller product proving to be so defective will be replaced or repaired at no charge. Repairs or modifications performed by unauthorized personnel may void all product warranties and could affect performance and efficacy of the device.

### **Forceps**

Forceps Zangen Pinze Fórceps Fórceps

### **DeBAKEY-DIETHRICH Vascular Tissue Forceps**



### ♦ (CH5883)

Overall length 6in (15.2cm).

### **♦ CH5885**

Overall length 7-3/4in (19.7cm).

### CH5887

Overall length 9-1/2in (24.1cm).



Delicate jaws. Tips 1.5mm wide.

### ♦ (CH5893)

Overall length 6in (15.2cm).

### **♦** CH5895

Overall length 7-3/4in (19.7cm).

### CH5897

Overall length 9-1/2in (24.1cm).



### **♦ CH5899**

Overall length 12in (30.5cm).





### ♦ (CH5900)

Overall length 6-1/4in (15.9cm).

### **♦** CH5902

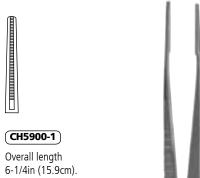
Overall length 7-3/4in (19.7cm).

### **♦ CH5904**

Overall length 9-1/2in (24.1cm).



Heavy jaws taper from 2.5mm wide.



### ♦ CH5902-1

Overall length 7-3/4in (19.7cm).

### CH5904-1

Overall length 9-1/2in (24.1cm).



CH5883-T Tips 1mm wide.

Overall length

6in (15.2cm).

CH5885-T

Tips 1mm wide.

7-3/4in (19.7cm).

Overall length

**CH5887-T** 

Tips 1mm wide.

Overall length 9-1/2in (24.1cm).

### CH5900-T Tips 2mm wide. Overall length

### CH5902-T

6in (15.2cm).

Tips 2mm wide. Overall length 7-3/43in (19.7cm).

### CH5904-T

Tips 2mm wide. Overall length 9-1/2in (24.1cm).

### CH5906-T

Tips 2mm wide. Overall length 12in (30.5cm).

### CH5912-T

Tips 3mm wide. Overall length 6in (15.2cm).

### CH5914-T

Tips 3mm wide. Overall length 7-3/4in (19.7cm).

### CH5916-T

Tips 3mm wide. Overall length 9-1/2in (24.1cm).

### CH5918-T

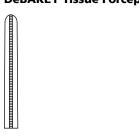
Tips 3mm wide. Overall length 12in (30.5cm).

titanium



Forceps Zangen Pinze Fórceps Fórceps 鉗子





### **♦** (CH5906)

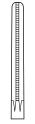
Jaws 2mm wide. Overall length 12in (30.5cm).

### CH5908

Jaws 2mm wide. Overall length 14in (35.6cm).

### CH5910

Jaws 2mm wide. Overall length 16in (40.6cm).



### CH5912 CH5910-1

Overall length 16in (40.6cm).

### CH5912-1

CH5908-1 Jaws 3mm wide. Overall length 14in (35.6cm).

Jaws 2mm wide.

Overall length

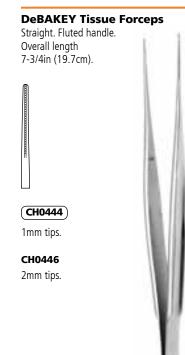
18in (45.7cm).

Heavy.



Jaws 3mm wide.

Heavy. Jaws 3mm wide. Overall length 18in (45.7cm).



### **Titanium DeBAKEY Micro Forceps**

Straight. Round handle. Tips 1mm wide.

### CH03730

Overall length 7-1/8in (18.1cm).



### **CH03730-8**

Overall length 8-1/4in (21cm).

titanium

### **DeBAKEY Vascular Tissue Forceps**

Angled. Jaws taper from 2mm.

### CH5920

Overall length 6in (15.2cm).

### CH5922

Overall length 7-3/4in (19.7cm).

### CH5924

Overall length 9-1/2in (24.1cm).

### CH5926

Overall length 10in (25.4cm).



### **DeBAKEY Micro Tissue Forceps**

Lightweight. Round handle. Tips 1mm wide.



### CH04230

Overall length 7-1/8in (18.1cm).

### CH04232

Overall length 8-1/4in (21cm).





Overall length 12in (30.5cm).

### **Forceps**

Forceps Zangen Pinze **Fórceps** Fórceps

### Vital® DeBAKEY Needle Pulling **Tissue Forceps**

Flat handle. DeBAKEY jaws with Tungsten Carbide inserts.



### CH5934

Tips 1.5mm wide. Overall length 6in (15.2cm).

### CH5930

### CH5936

Tips 2mm wide. Overall length 6in (15.2cm).

Tips 1.5mm wide. Overall length 9-1/2in (24.1cm).

### CH5935

### CH5932

Overall length 7-3/4in (19.7cm). 9-1/2in (24.1cm).

Tips 1.5mm wide. Tips 2mm wide. Overall length

### **CH5931**

Tips 2mm wide. Overall length 7-3/4in (19.7cm).



### **Vital® DeBAKEY Micro Needle Pulling Tissue Forceps**

Lightweight. Round handle. 1.5mm wide carbon inlay tips.



### CH04266

Overall length 7-1/4in (18.4cm).



### **COOLEY Vascular Forceps**

Delicate jaws.



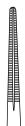
### CH6950-009

Overall length 5-1/2in (14cm).



### **COOLEY Vascular Tissue Forceps**

COOLEY jaws.



### **CH5950**

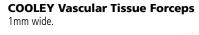
Jaws 1.5mm wide. Overall length 6in (15.3cm).

### CH5952

Jaws 2mm wide. Overall length 7-3/4in (19.7cm).

### CH5954

Jaws 2.3mm wide. Overall length 9-1/2in (24.1cm).





### ♦ (CH5940)

Overall length 8in (20.3cm).



Forceps Zangen Pinze Fórceps Fórceps 鉗子

### **Cardiovascular Tissue Forceps**

V. Mueller delicate jaws.



### **CH6000**

Overall length 6-1/8in (15.6cm).

### CH6001

Overall length 7-3/4in (19.8cm).

### CH6002

Overall length 9-1/2in (24.1cm).



Fine, serrated, round tips.



### **CH6020**

Overall length 6in (15.2cm).

### CH6021

Overall length 8in (20.3cm).

### CH6022

Overall length 9-3/4in (24.8cm).



### **WHEELER Forceps**



### **CH6054**

Overall length 6in (15.2cm).

### CH6055

Overall length 7-1/8in (18.1cm).

### CH6056

Overall length 8-3/4in (22.2cm).



### **ADAIR Tissue Forceps**

### CH1565

Overall length 9in (22.9cm).

### **ALLIS Tissue Forceps**

### **♦ CH1560**

5 x 6 teeth. Overall length 10in (25.4cm).

### CH1560-MM

Mueller-Mirror® finish.

### ♦ CH1562

5 x 6 teeth. Overall length 12in (30.5cm).

### CH1564

5 x 6 teeth. Overall length 14in (35.6cm).

### CH1566

5 x 6 teeth. Overall length 16in (40.6cm).

### CH1568

5 x 6 teeth. Double-action box locks. Overall length 18in (45.7cm).



### **BABCOCK Tissue Holding Forceps**

### CH1571

Jaws 9.5mm wide. Overall length 9-1/2in (24.1cm).

### CH1570

Jaws 16mm wide. Overall length 9-1/2in (24.1cm).





◆ Most widely used patterns

### **Forceps** Forceps Zangen Pinze **Fórceps** Fórceps **MAYO-RUSSIAN Tissue Forceps Microsurgical Forceps** Rugged, non-perforating teeth Counterbalanced. surround the perforated jaws. Round handle. Deeply serrated handles. Overall length 5-7/8in (15cm). CH1520 CH13159 Straight. Overall length Tip diameter 0.5mm. 14in (35.6cm). **Titanium Delicate Touch® Delicate Touch® DENNIS Micro Forceps Micro Forceps** Straight. Round handle. Round handle. 1mm ring tips. Curved. CH03158 Platform tips. Overall length 7-1/4in (18.4cm). **CH04221** Overall length 7-1/4in (18.5cm). **CH03160** 1mm ring tips. Overall length 7-1/4in (18.4cm). CH04225 CH03168 Overall length 1mm ring tips. 8-1/4in (21cm). Overall length 8in (20.3cm). titanium



Forceps Zangen Pinze Fórceps Fórceps 鉗子

### **Titanium Delicate Touch® DENNIS Micro Forceps**

Round handle. 1mm ring tips. Straight.

### ♦ CH03720

Overall length 7in (17.8cm).

### CH03720-8

Overall length 8-1/4in (21cm).

### CH03720-9

Overall length 9in (22.9cm).



### **CH03720-10**

Overall length 10in (25.4cm).

### titanium

### **Delicate Touch® Micro Forceps**

Lightweight. 1 x 2 teeth. Round handle. Platform tips, 0.8mm wide. Mirror and Satin Finish.

### **CH04235**

Overall length 7-1/8in (18.1cm).



### **Delicate Touch® Micro Forceps**

Lightweight. Straight. Platform tips. Round handle. Mirror and Satin Finish.



### **CH04260**

Overall length 7-1/8in (18.1cm).

### CH04262

Overall length 8-1/4in (21cm).





### **MILLS Cardiovascular Tissue Forceps**

Round BARRAQUER handles. Tear drop ring tips, 0.5mm.



### CH8770-001

Overall length 7in (17.8cm).



### **MILLS Thoracic Tissue Forceps**

Round BARRAQUER handles. Tear drop ring tips, 1.5mm.



### **CH8772**

Overall length 7in (17.8cm).



### **Forceps**

Forceps Zangen Pinze Fórceps Fórceps

### **Delicate Touch® Micro Forceps**

Round handle.



### CH0495

Straight. Platform tips, 0.9mm wide. Overall length 7-1/8in (18.1cm).

### CH0497

Lightweight. Straight. Overall length 7-1/8in (18.1cm).

### CH0498

Straight. Platform tips, 0.9mm wide. Overall length 8-1/4in (21cm).

### CH04204

Straight. Platform tips, 0.9mm wide. Overall length 10in (25.4cm).

### CH0496

Curved. Platform tips, 0.8mm wide. Overall length 7-1/8in (18.1cm).

### CH0497A

Lightweight. Curved. Overall length 7-1/8in (18.1cm).

### CH0499

Curved. Platform tips, 0.8mm wide. Overall length 8-1/4in (21cm).

### CH04206

Curved. Platform tips, 0.8mm wide. Overall length 10in (25.4cm).

### **Delicate Touch® GERALD Forceps**

Straight. Flat handle.



### **CH04246**

1mm tips. Overall length 7in (17.8cm).

### CH04346

1mm platform tips. Overall length 7in (17.8cm).

### CH04244

1mm ring tips. Overall length 7in (17.8cm).

### CH04248

1mm tips. Overall length 8in (20.3cm).

### CH04249

1mm tips. Overall length 9in (22.9cm).

### **Delicate Touch® Micro Forceps**

Lightweight. Straight. 1mm platform ring tips. Round handle.



### CH04280

Overall length 7-1/8in (18.1cm).

### CH04282

Overall length 8-1/4in (21cm).





### CH04250

1mm ring tips. Overall length 7-1/8in (18.1cm).

### CH04252

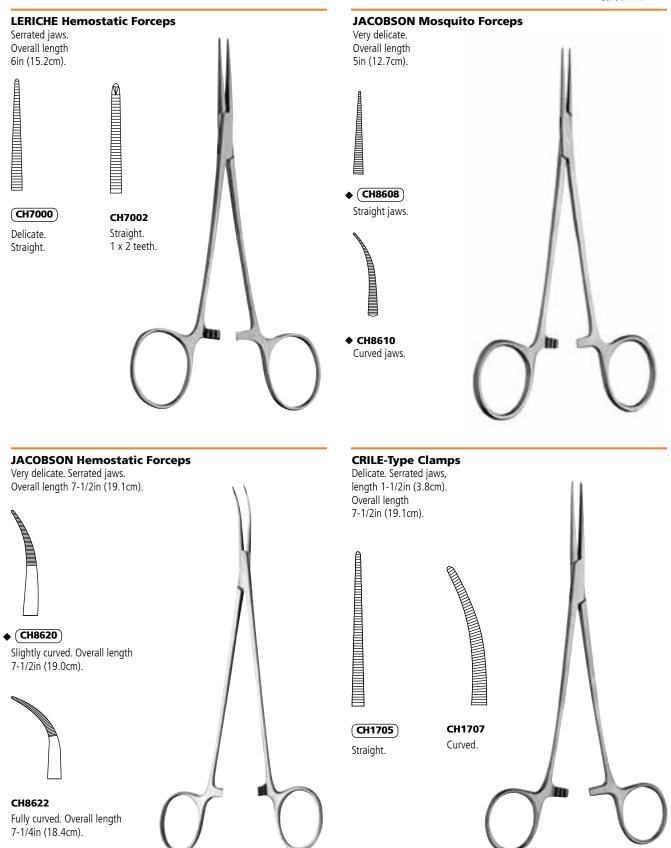
1mm ring tips. Overall length 8-1/4in (21cm).

### CH04254

2.5mm ring tips. Overall length 7-1/8in (18.1cm).

### CH04256

2.5mm ring tips. Overall length 8-1/4in (21cm).



### Forceps/Clamps Forceps/Clamps Zangen/Klemmen Pinze/Morse Fórceps/Pinzas Fórceps/Pinças 鉗子/クランプ **VANDERBILT Deep Vessel Forceps CRAFOORD-COLLIER Clamps JULIAN Thoracic Artery Forceps** Curved. Delicate. Slightly curved, Slender, curved, serrated jaws, serrated jaws. length 24mm. **CH1720** Overall length 9-1/4in (23.5cm). **CH1690** ◆ (CH1687) Jaw length Overall length 1-3/4in (4.4cm). 7-1/4in (18.4cm). Overall length CH1694 8-1/2in (21.6cm). Overall length 9-1/2in (24.1cm). **RUMEL Thoracic Artery Forceps** =10 (CH1715) CH1718 CH1717 CH1716 Slightly curved jaws. Fully curved jaws. Angled jaws. Curved jaws. Overall length Overall length Overall length Overall length 9-1/2in (24.1cm). 9-1/4in (23.5cm). 9-1/4in (23.5cm). 9-1/4in (23.5cm).

Forceps Zangen Pinze Fórceps Fórceps 鉗子

### **WOODWARD Thoracic Artery Forceps**

Slightly curved jaws, length 32mm.



(CH1719)

Overall length 8-3/4in (22.2cm).



### **CRAFOORD Artery Forceps**

Curved jaws.

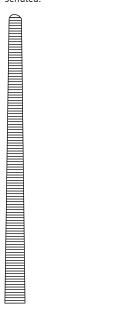




Overall length 9-1/2in (24.1cm).

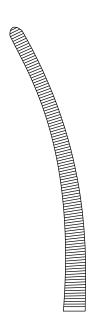


Serrated.



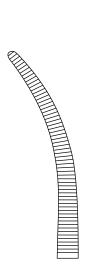
### **CH1680**

Straight jaws, length 3in (7.6cm). Overall length 9-1/2in (24.1cm).



### CH1682

Curved jaws, length 3in (7.6cm). Overall length 9-1/2in (24.1cm).



### **♦ CH1685**

Curved jaws, length 2-1/4in (5.7cm). Overall length 9-3/4in (24.8cm).

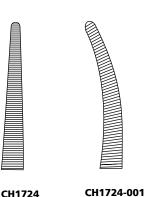


### **Forceps**

Forceps Zangen Pinze **Fórceps** Fórceps

### **BRIDGE Deep Surgery Forceps**

Serrated. Overall length 11in (27.9cm).



CH1724

Curved jaws, Straight jaws, length 36.5mm. length 39mm.



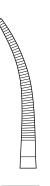
length 32mm.

### V. Mueller Instrument Warranty

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Serrated. Curved. Double-action box locks.



**CH1728** 

Overall length 18in (45.7cm).



### **HARRINGTON Forceps**

Longitudinal serrations and cross-serrated tip.



### **CH1740**

Slightly curved jaws, length 2-3/4in (7cm). Overall length 12-1/2in (31.8cm).

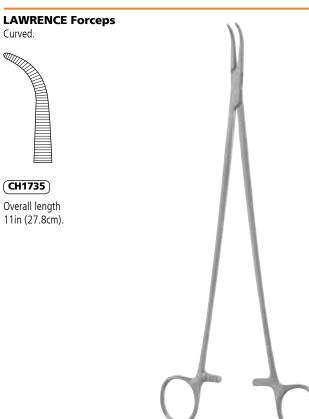
### CH1760

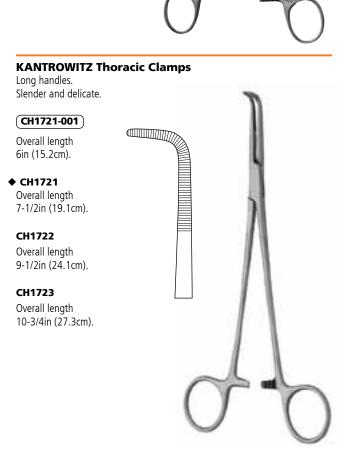
Right angled jaws, length 2-3/8in (6cm). Overall length 12in (30.5cm).

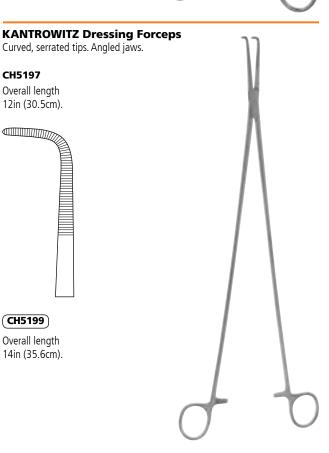


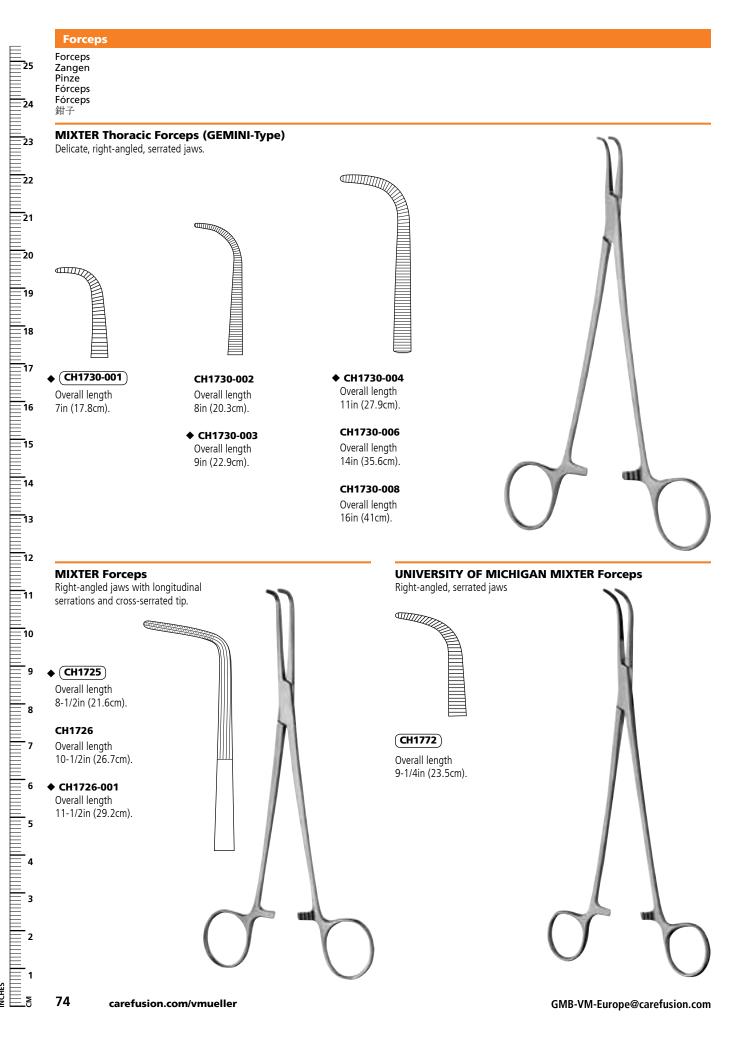
Forceps/Clamps Zangen/Klemmen Pinze/Morse Fórceps/Pinzas Fórceps/Pinças 鉗子/クランプ





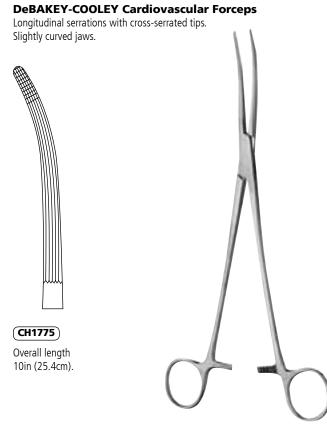


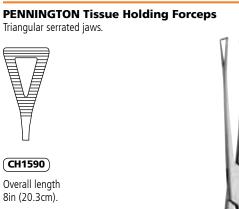




Forceps Zangen Pinze Fórceps Fórceps 鉗子







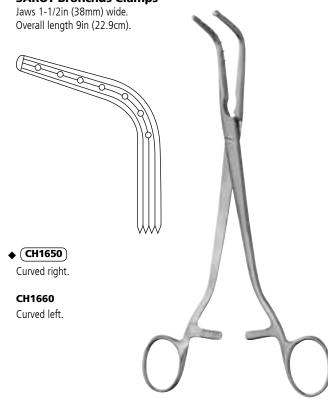




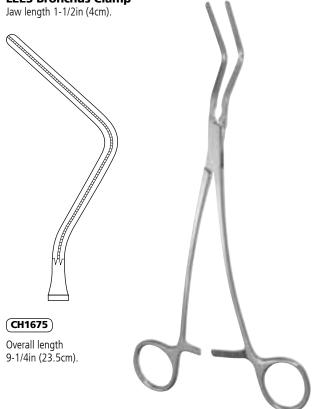


= 21

### **SAROT Bronchus Clamps**



### **LEES Bronchus Clamp**



### **LEES Right Angle Clamp**

Jaw length 1-1/2in (4cm).



### Customer support

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Your V. Mueller sales representative may be able to suggest a suitable substitute if one is available.



Fully curved.

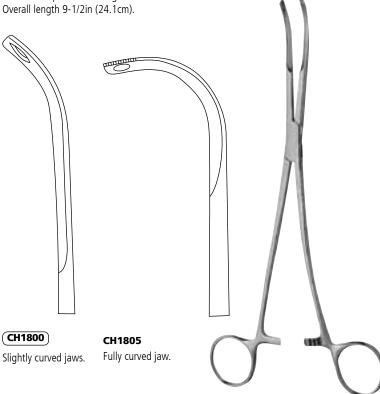
### (CH1809)

Overall length 10-1/4in (25.6cm).



### **SEMB Dissecting Forceps/Ligature Carriers**

Perforated tips for use as ligature carrier.



### **FAVALORO-SEMB Ligature Carriers**



### **CH1806**

Half-curved jaws. Overall length 11-5/16in (28.7cm).



### CH1808

Fully curved jaws. Overall length 11-1/8in (28.2cm).



Clamps Klemmen Morse Pinzas Pinças クランプ



### **Approximator Clamps**

Without frame. Double.

Artery	Vein	Size	Color
CH12000	CH12002	0.4mm-1mm	Black
CH12001	CH12003	0.4mm-1mm	Black
CH12008	CH12010	0.6mm-1.5mm	Black
CH12009	CH12011	0.6mm-1.5mm	Black
CH12016	CH12018	1mm-2.25mm	Black
CH12017	CH12019	1mm-2.25mm	Black



### **Approximator Clamps**

With frame. Double.

Artery	Vein	Size	Color
CH12004	CH12006	0.4mm-1mm	Black
CH12005		0.4mm-1mm	Black
CH12012	CH12014	0.6mm-1.5mm	Black
CH12013	CH12015	0.6mm-1.5mm	Black
CH12020	CH12022	1mm-2.25mm	Black
CH12021	CH12023	1mm-2.25mm	Black



### **Single Clamps**

Without frame. Packaged in pairs.

Artery	Vein	Size	Color
CH11000	<b>CH11002</b>	0.4mm-1mm	Black
CH11001	CH11003	0.4mm-1mm	Black
CH11004	CH11006	0.6mm-1.5mm	Black
CH11005	CH11007	0.6mm-1.5mm	Black
CH11008	CH11010	1mm-2.25mm	Black
CH11009	CH11011	1mm-2.25mm	Black



### **Double Clamps**

With frame. Stationary.

Artery	Vein	Size
CH11012		0.4mm-1mm
CH11016		0.6mm-1.5mm
CH11020	CH11022	1mm-2.25mm

### **General Purpose Clamps**

Packaged in pairs.

### CH13029

Curved.

Vessel size 0.3mm—1mm. Black.

### **CH13030**

Curved.

Vessel size 0.6mm-1.4mm.

### CH13155

Angled.

Vessel size 1mm-2.25mm.



### **Hand-Applied Clamps**

Flat jaws. Single. Without frame. Packaged in pairs.

### (CH13036)

Vessel size 2mm-5mm.

### CH13037

Vessel size 2mm-5mm. Black.

### CH13063

Vessel size 1.5mm-3.5mm.

### CH13064

Vessel size 1.5mm-3.5mm. Black.



# Hand-Applied Approximator Clamps

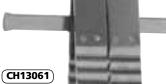
Flat jaws. Double. Without frame.

### CH13034

Vessel size 2mm-5mm.

### CH13035

Vessel size 2mm-5mm. Black.



Vessel size

1.5mm-3.5mm.

### CH13062

Vessel size 1.5mm-3.5mm. Black.

### **Clamp Applying Forceps**

Without lock. Angled.

### (CH13144)

Overall length 5-7/8in (15cm).

### Customer support

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For more information, please contact your sales representative, send an email to **GMB-VM-Europe@carefusion.com** or visit **carefusion.com/vmueller.** 

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### **Bulldog Clamps**

Clamps bulldog Bulldogklemmen Serracavo Pinzas de mordaza Pinça Bulldog ブルドッグクランプ

### **WELDON Miniature Bulldog** Clamps

Finely serrated jaws, length 1/2in (1.3cm). Overall length 1-3/8in (3.5cm).

♦ (CH6077-001)

Straight jaws.

♦ CH6077-002

Curved jaws.



### ◆ (CH6079)

Angled jaws, length 1/2in (1.3cm). Overall length 2-1/8in (5.4cm).

### **♦ CH6078**

Angled jaw, length 3/8in (1cm). Overall length 2in (5.2cm).

### CH6078-001

Straight jaws, length 3/8in (1cm). Overall length 2in (5.2cm).

### ♦ CH6079-001

Straight jaws, length 1/2in (1.3cm). Overall length 2-1/4in (5.7cm).

# **Micro Cross-Action Bulldog Clamps**

Finely serrated jaws.



### **DIETHRICH Angled Bulldog Clamp**

Serrated.



Overall length 1-7/8in (4.8cm).



### **Bulldog Clamps**

### CH6143

Angled jaws, length 3/8in (1cm). Overall length 1-1/4in (3.3cm).

### **CH6144**

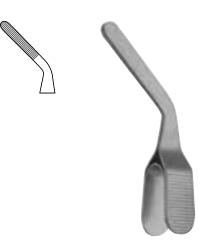
Angled jaws, length 1/2in (1.3cm). Overall length 1-1/2in (3.8cm).

### CH6145

Angled jaws, length 3/4in (1.8cm). Overall length 1-1/2in (3.8cm).

### CH6148

Straight jaws, length 3/4in (1.8cm). Overall length 1-1/2in (3.8cm).



### **COOLEY Bulldog Clamps**

Adjustable screw to regulate jaw tension. Straight, finely serrated jaws.

### CH6030

Jaw length 3/4in (1.9cm). Overall length 2in (5.1cm).

### CH6031

Jaw length 1-1/8in (2.9cm). Overall length 2-5/8in (6.7cm).

### CH6032

Jaw length 1-7/8in (4.8cm). Overall length 3-3/8in (8.6cm).

### CH6033

Jaw length 2-3/8in (6cm). Overall length 5in (12.7cm).





Clamps bulldog Bulldogklemmen Serracavo Pinzas de mordaza Pinça Bulldog ブルドッグクランプ

### **COOLEY Bulldog Clamps**

Adjustable screw to regulate jaw tension. Curved, finely serrated jaws.



### **♦ (CH6035)**

Jaw length 3/4in (1.9cm). Overall length 1-3/4in (4.4cm).

### CH6036

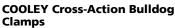
Jaw length 1in (2.5cm). Overall length 2-1/2in (6.4cm).

### CH6037

Jaw length 1-1/2in (3.8cm). Overall length 3-1/8in (7.9cm).

### CH6038

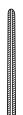
Jaw length 2-3/8in (6cm). Overall length 4-1/2in (11.7cm).



Straight jaw.

### CH6045

Jaw length 7/8in (2.2cm). Overall length 3in (7.6cm).



# CH6047

Jaw length 1-7/8in (4.8cm). Overall length 4-1/4in (10.8cm).

### **CH6046**

Jaw length 1-1/8in (2.9cm). Overall length 3-3/8in (8.6cm).

# 4-1/4In (1 CH6048

Jaw length 2-5/8in (6.7cm). Overall length 5in (12.7cm).



# **COOLEY Cross-Action Bulldog Clamps**

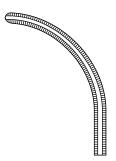
Curved jaw.

### **CH6040**

Jaw length 5/8in (1.6cm). Overall length 2-7/8in (7.3cm).

### CH6041

Jaw length 1in (2.5cm). Overall length 3-1/4in (8.3cm).



### **CH6042**

Jaw length 1-1/2in (3.8cm). Overall length 3-7/8in (9.8cm).



Jaw length 2-1/4in (5.7cm). Overall length 4-1/2in (11.4cm).

### V. Mueller® Bulldog Clamps

V. Mueller delicate jaws.



### CH6050

Straight jaw, length 3cm. Overall length 2-1/2in (6.5cm).

### CH6060

Straight jaw, length 4.8cm. Overall length 3-1/8in (8cm).

### CH6052

Curved jaw, length 3cm. Overall length 2-1/2in (6.5cm).

### CH6062

Curved jaw, length 4.8cm. Overall length 3-1/8in (8cm).



### **Bulldog Clamps**

Clamps bulldog Bulldogklemmen Serracavo Pinzas de mordaza Pinça Bulldog ブルドッグクランプ

### **GREGORY Bulldog Clamps**

1 x 2 teeth.

### **CH6089**

Straight jaw, length 1-3/16in (3cm). Overall length 3-1/2in (8.9cm).

### CH6091

Straight jaw, length 1-3/4in (4.4cm). Overall length 4-1/4in (10.8cm).

### CH6094

Curved jaw, length 1-15/16in (4.9cm). Overall length 3-1/2in (8.9cm).

### CH6090

Curved jaw, length 1/2in (1.25cm). Overall length 4-1/4in (10.8cm).

### **GREGORY Soft Bulldog Clamps**

Overall length 4-3/4in (12cm).



### CH6093-001

Curved right.

### CH6093-002

Curved left.



### **GREGORY DeBAKEY Bulldog Clamp**



=10

### **CH6092**

Angled 45°. Jaw length 7cm. Overall length 4-3/4in (12.1cm).



### **Cross-Action Bulldog Clamps**

V. Mueller delicate jaws, straight.



### **CH6100**

Length 1.7cm. Overall length 3in (7.6cm).

### CH6101

Length 3cm. Overall length 3-3/8in (8.5cm).

### CH6102

Length 4.8cm. Overall length 4-1/8in (10.5cm).



Clamps bulldog Bulldogklemmen Serracavo Pinzas de mordaza Pinça Bulldog ブルドッグクランプ

### **Cross-Action Bulldog Clamps**

V. Mueller delicate jaws. Curved.



### **CH6110**

Length 2.3cm. Overall length 3in (7.5cm).

### CH6111

Length 3.2cm. Overall length 3-3/8in (8.5cm).

### CH6113

Length 7cm. Overall length 4-3/4in (12cm).



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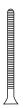
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### **JACOBSON Bulldog Clamps**

Adjustable screw to control tension. Finely serrated jaws, length 7/8in (2.1cm). Overall length 1-3/4in (4.5cm).



### ♦ (CH8505)

Straight.

### **♦ CH8510**

Curved.



### **GLOVER Bulldog Clamps**

Straight. DeBAKEY jaws. Adjusting screw to regulate tension.



### **CH6065**

Jaw length 1.8cm. Overall length 2in (5.1cm).

### CH6066

Jaw length 2.7cm. Overall length 2-1/2in (6.4cm).

### CH6067

Jaw length 4cm. Overall length 3-1/2in (8.9cm).

### CH6068

Jaw length 6cm. Overall length 4-3/4in (12.1cm).



### **Bulldog Clamps**

Clamps bulldog Bulldogklemmen Serracavo Pinzas de mordaza Pinça Bulldog ブルドッグクランプ

### **GLOVER Bulldog Clamps**

Curved. DeBAKEY jaws. Adjusting screw to regulate tension.



<u></u> =21

=20

### **CH6070**

Jaw length 1.8cm. Overall length 2in (5.1cm).

### CH6071

Jaw length 2.7cm. Overall length 2-1/2in (6.4cm).

### CH6072

Jaw length 4cm. Overall 3-1/2in (8.9cm).

### CH6073

Jaw length 6cm. Overall length 4-3/4in (12.1cm).



### **GLOVER Bulldog Clamp**

COOLEY jaws. Angled 90°.



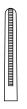
### **CH6075**

Jaw length 3.1cm. Overall length 1-5/8in (4.1cm).



# **DeBAKEY Cross-Action Bulldog Clamps**

Straight jaw.



### **CH6081**

Jaw length 2cm. Overall length 3in (7.6cm).

### CH6082

Jaw length 3cm. Overall length 3-3/8in (8.6cm).

### CH6083

Jaw length 4.5cm. Overall length 4-1/8in (10.5cm).



# **DeBAKEY Cross-Action Bulldog Clamps**

Curved jaw.



### **CH6085**

Jaw length 2cm. Overall length 3in (7.6cm).

### CH6086

Jaw length 3cm. Overall length 3-3/8in (8.7cm).

### CH6087

Jaw length 4.5cm. Overall length 4-1/8in (10.5cm).

### CH6088

Jaw length 6.5cm. Overall length 4-3/4in (12cm).



Clamps bulldog/Forceps Bulldogklemmen/Zangen Serracavo/Pinze Pinzas de mordaza/Fórceps Pinça Bulldog/Fórceps ブルドッグクランプ/鉗子

### **Titanium Bulldog Clamps**

Lightweight, corrosion-resistant.



### **Strong Close**

Straight	Curved	Jaw Length
CH6116	CH6118	3cm
CH6122	<b>CH6124</b>	3.5cm
CH6128	CH6130	4cm
	CH6140	5cm

### **Slight Close**

Straight	Curved	Angled	Jaw Length
CH6115	CH6117	CH6120	3cm
CH6121	CH6123	CH6126	3.5cm
	CH6129	CH6132	4cm





### **Bulldog Clamp Applying Forceps**

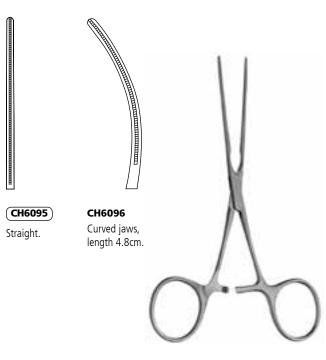
### **CH5160**

Overall length 9-1/4in (23.5cm).



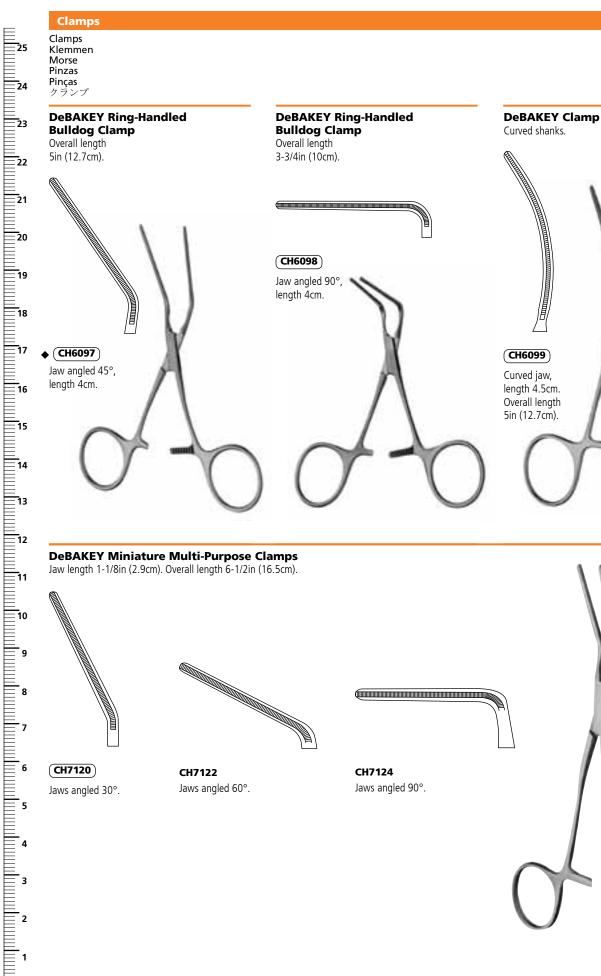
### **DeBAKEY Ring-Handled Bulldog Clamps**

Overall length 5-1/8in (13cm).



Instrument pictured

◆ Most widely used patterns



### **SELMAN Peripheral Blood Vessel Forceps**

Straight COOLEY jaws.



Jaw length 1.3cm. Overall length

5in (12.7cm).



### **SELMAN Peripheral Blood Vessel Forceps**

Angled COOLEY jaws.



**CH6151** 

Jaw length 1.3cm. Overall length 5in (12.7cm).



CH6153

Jaw length 2.1cm. Overall length 5-1/2in (14cm).



### **SELMAN Peripheral Blood Vessel Forceps**

Fully curved COOLEY jaws.



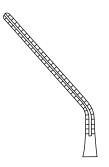
### **CH6170**

Jaws 15mm x 8.5mm deep. Overall length 5in (12.7cm).



### **COOLEY Vascular Clamp**

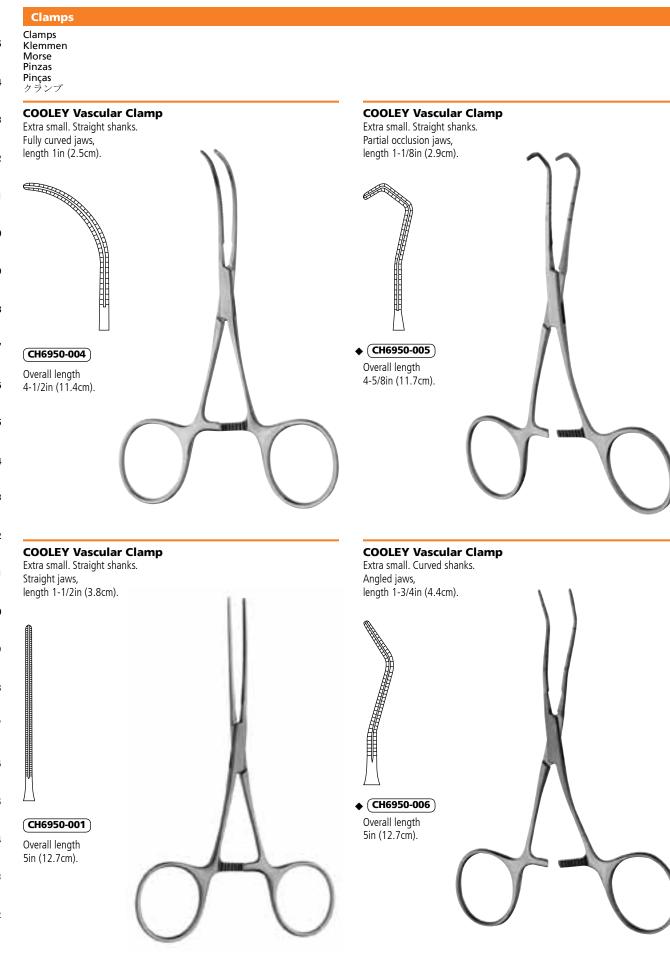
Extra small. Curved shanks. Angled jaws, length 1-1/2in (3.8cm).



### ◆ (CH6950-003)

Overall length 4-7/8in (12.4cm).





### **COOLEY Vascular Clamp**

Angled shanks. Straight jaws, length 1-1/2in (3.8cm).

Extra small.



### **COOLEY Clamps**

Jaw length 3cm.

### CH6516

Straight. Overall length 5-1/4in (13.3cm).

### **CH6517**

Angled jaws. Overall length 5-1/4in (13.3cm).

### CH6518

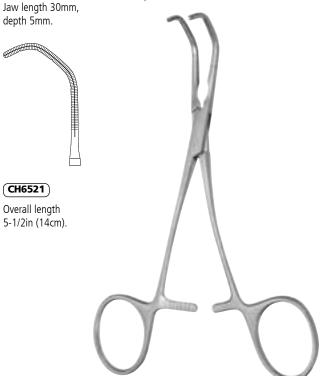
Straight jaws. Angled shanks. Overall length 5-1/4in (13.3cm).

### CH6519

Curved jaws. Overall length 5-1/2in (14cm).







### **COOLEY Patent Ductus Clamps**

Jaw length 1-1/4in (3.2cm). Overall length 6-1/4in (15.9cm).



### **CH6180**

Straight shanks.

### CH6181

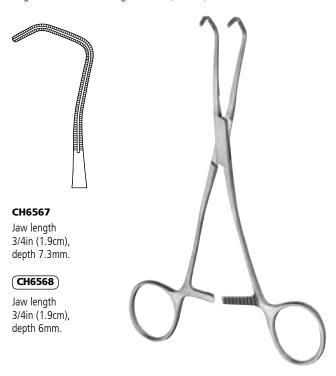
Angled shanks.



Clamps Klemmen Morse Pinzas Pinças クランプ

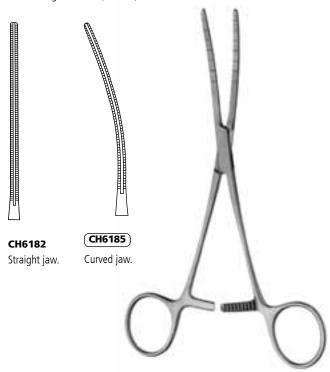
### **COOLEY Anastomosis Clamps**

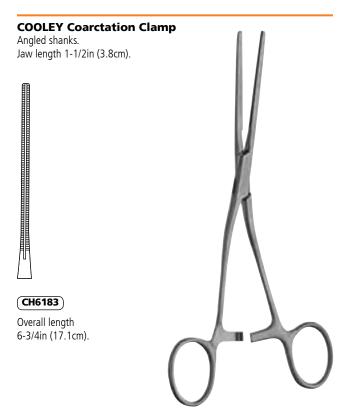
Double-angled jaws are calibrated in 5mm increments. Angled shanks. Overall length 6-1/2in (16.5cm).



### **COOLEY Coarctation Clamps**

Straight shanks. Jaw length 1-1/2in (3.8cm). Overall length 6-3/4in (17.1cm).





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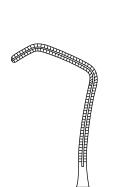
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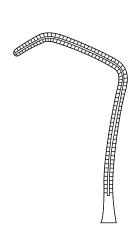
### **COOLEY Tangential Occlusion Clamps**

Double-angled jaws are calibrated in 5mm increments. Overall length 7-3/4in (19.7cm).



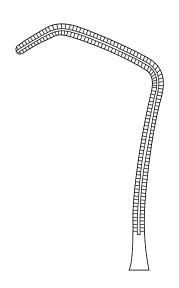
**CH6570** 

Jaw length 3/4in (1.9cm), depth 6mm.



CH6572

Jaw length 1in (2.5cm), depth 7mm.



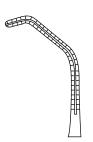
CH6574

Jaw length 1-3/8in (3.5cm), depth 10mm.



### **SATINSKY Clamp**

COOLEY jaws. Jaw length 1in (2.5cm), depth 5mm.



**CH6520** 

Overall length 5-1/2in (14cm).



### **KITZMILLER-Type Clamps**

COOLEY jaws. Overall length 5-1/4in (13.4cm).

### CH6510

Angled left.



(CH6512)

Angled right.



Clamps Klemmen Morse Pinzas Pinças クランプ

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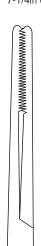
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### **MULLER Clamps**

V. Mueller delicate jaws. Jaw length 2.1cm. Overall length 7-1/4in (18.4cm).



# **CH6500**

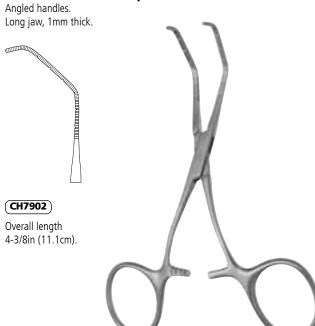
Straight shanks.

### CH6502

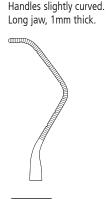
Angled shanks.



### **CALMAN Closure Clamp**



### **THOMPSON Closure Clamp**



### (CH7910)

Overall length 6-1/8in (15.5cm).





Long, slightly curved handles. Long jaw, length 1-3/8in (3.5cm).





Light. Straight. Jaw length 1-3/4in (4.4cm).





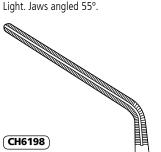
Overall length 6-3/4in (17.1cm).



### **CH7912**

Overall length 6-3/8in (16.2cm).





Jaw length 1-3/8in (3.5cm). Overall length

6-1/2in (16.5cm).

### CH6199

Jaw length 1-3/4in (4.4cm). Overall length 6-3/4in (17.1cm).

### CH6201

Jaw length 1-3/4in (4.4cm). Overall length 7in (17.8cm).

### CH6200

Jaw length 2-3/4in (7cm). Overall length 7in (17.8cm).



### **COOLEY Patent Ductus Clamps**

Straight jaws, length 1-1/8in (3cm). Overall length 8-1/4in (21cm).



Straight shanks.

### CH6325

Angled shanks.



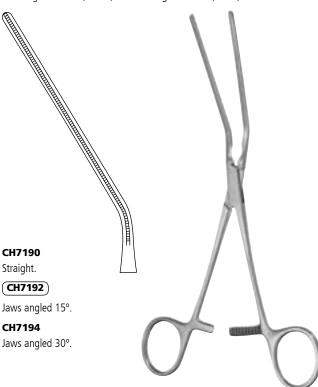
# 21



Clamps Klemmen Morse Pinzas Pinças クランプ

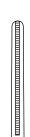
### **LELAND JONES Peripheral Vascular Clamps**

Jaw length 3-1/2in (8.9cm). Overall length 8-1/4in (21cm).



# **DeBAKEY Patent Ductus and Peripheral Vascular Clamps**

Straight jaws, length 1-1/8in (3cm). Overall length 8in (20.3cm).



### CH7100

Straight shanks.

### **CH7102**

Angled shanks.



### **DeBAKEY Curved Peripheral Vascular Clamp**

A small, lightweight clamp.
Curved jaws,
length 1-7/8in (4.8cm).



6in (15.2cm).



### **DeBAKEY Peripheral Vascular Clamp**

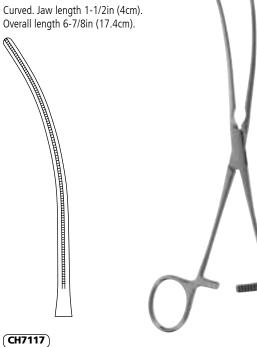
Lightweight shanks. Slight curve in shank with full angle in jaw distal to box lock. Jaw length 2-3/8in (6cm).





### CH7116

Overall length 6-7/8in (17.4cm).



Curved. Jaw length 2-3/8in (6cm). Overall length 7-3/4in (19.7cm).

# **DeBAKEY S-Shaped Peripheral Vascular Clamp**

Curved jaws and light, springy handles conform to an S-shape. Jaw length 3-3/8in (8.5cm).



### **GREGORY Profunda Clamps**

### **♦** (CH7221)

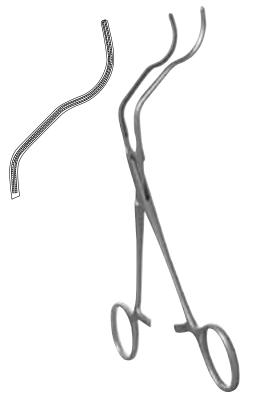
Medium. Jaw length 2-1/2in (6.2cm). Overall length 7in (18cm).

### CH7222

Large. Jaw length 2-7/8in (7.3cm). Overall length 7-3/4in (19.7cm).

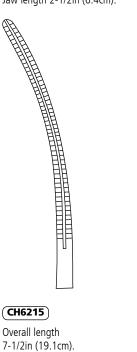
### ♦ CH7220

Small. Jaw length 1-3/4in (4.4cm). Overall length 5-7/8in (13.7cm).



### **COOLEY-BAUMGARTEN Aortic Clamp**

Slightly curved jaws and shanks. Jaw length 2-1/2in (6.4cm).



Overall length



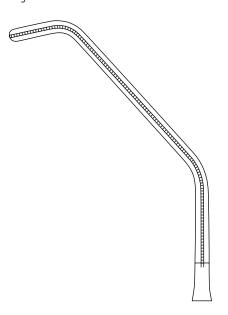
Instrument pictured

Most widely used patterns

Clamps Klemmen Morse Pinzas **Pinças** クランプ

### **BAILEY Aortic Clamps**

Angled shafts.



### CH7286

Small jaws length 1-3/4in (44mm), depth 11mm. Overall length 8in (20.3cm).

### **CH7284** CH7288

Small jaws length 2-1/8in (54mm), depth 11mm. Overall length 9-3/4in (24.7cm).



Extra small jaws, length 1-1/8in (29mm), depth 8mm. Overall length 8in (20.3cm).

### **HOWARD Aortic Aneurysm Clamps**

Jaw length 10.5cm Overall length 11-3/4in (29.8cm).



### CH7206

Angled. DeBAKEY 2 x 3 jaw.

### **CH7202**

Reverse curve shanks. DeBAKEY 2 x 3 jaw.

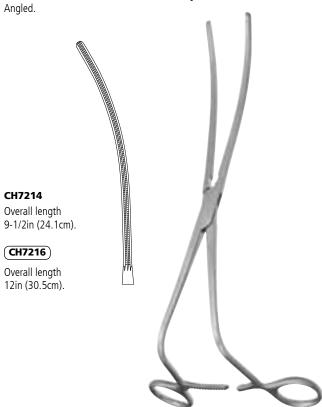


### CH7204

Angled. DeBAKEY 1 x 2 jaw.



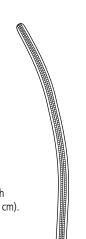
# **ZANGER Abdominal Aorta Clamps**



Instrument sizes, particularly overall lengths, are specified in this catalog as accurately as possible. Slight variations may occur due to metal crafting and finishing operations. Refer to the introductory pages for clarification on measurements. We reserve the right to modify products and/or services depicted herein without customer notice.

### **ZANGER Abdominal Aorta Clamps**

Acutely-curved shanks.



# Overall length 9-1/2in (24.1cm).

### **CH7212**

CH7210

Overall length 12-1/4in (31cm).



### **DeBAKEY Aortic Clamp**

Curved jaws and light, springy shanks conform to S-shape.



### **CH7175**

Jaw length 3in (7.6cm). Overall length 7-1/4in (18.4cm).



Clamps Klemmen Morse Pinzas Pinças クランプ

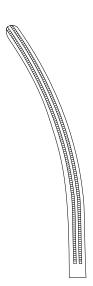
### **DeBAKEY Aorta Clamps**

Slightly curved jaws.





Jaw length 4in (10cm). Overall length 12in (30.5cm).





# **CH7245**

Jaw length 3-3/4in (9.5cm). Overall length 10-1/2in (26.5cm).



Jaw length 2-1/2in (6.4cm) from angle.



### (CH7510)

Overall length 8-1/8in (20.6cm).

### CH7512

Overall length 9-1/2in (24.1cm).



### **FITZGERALD Aorta Clamps**

Slightly curved COOLEY jaws.

### **CH6260**

Jaw length 3-1/4in (8.5cm). Overall length 10in (25.5cm).

### CH6262

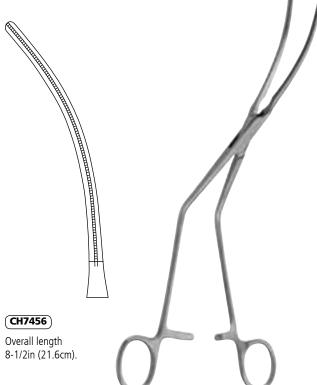
Jaw length 3-3/4in (9.5cm). Overall length 10-3/4in (26.5cm).

### CH6270

Jaw length 4-1/2in (11.2cm). Overall length 12-1/4in (31cm).

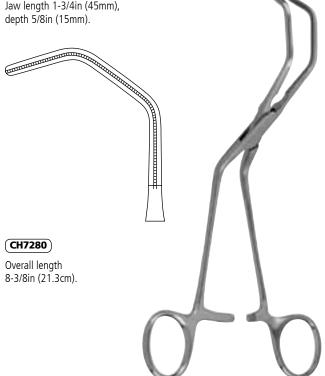
### CH6272

Jaw length 5-1/4in (13.2cm). Overall length 13in (33cm).



### **DIETHRICH Aorta Clamp**

1 x 2 vascular teeth. Jaw length 1-3/4in (45mm),



### **LEMOLE-STRONG Aorta Clamps**

**WYLIE Abdominal Aorta Clamp** 

Jaw width 1-3/4in (4.4cm), depth 7/8in (2.2cm).

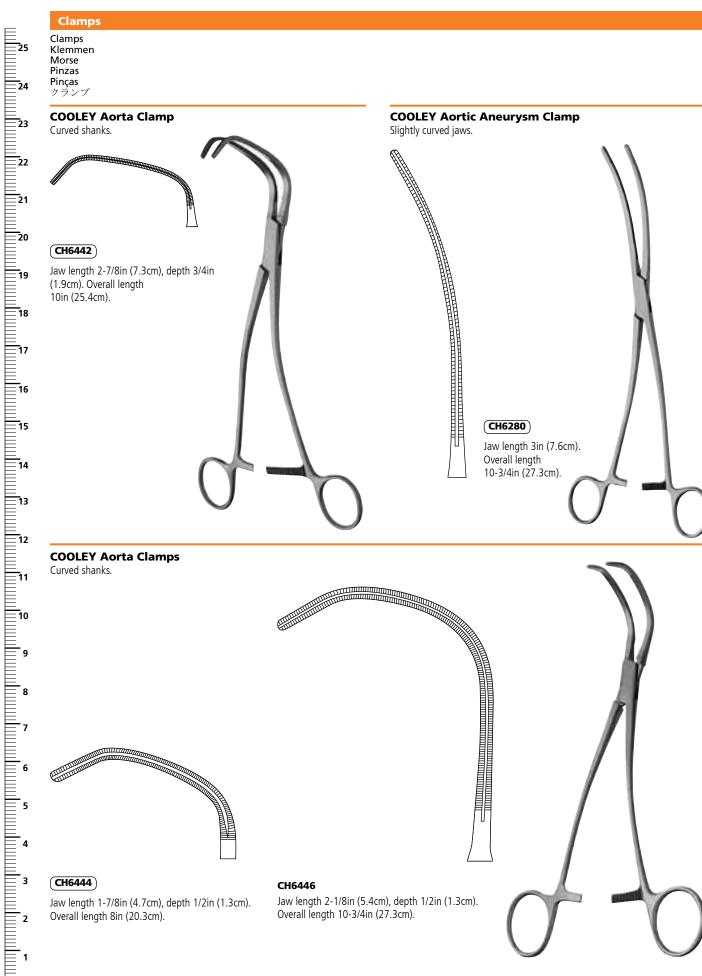
### CH7490

Straight. Overall length 7-3/4in (19.6cm).

### **CH7492**

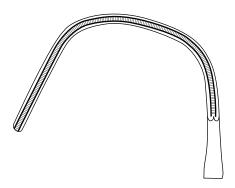
Angled. Overall length 8in (20.3cm).





### **KAY Clamps**

DeBAKEY jaws. Overall length 8in (20.3cm).



# **CH7350**

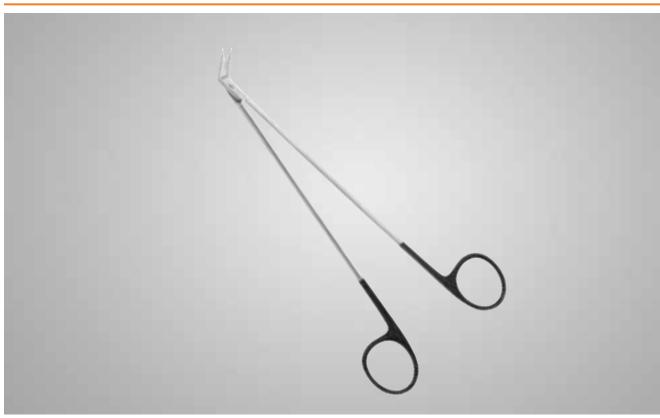
Jaw length 1-3/4in (4.5cm), depth 1-1/4in (3.2cm).



CH7351

Jaw length 1-3/4in (4.5cm), depth 3/4in (1.9cm).





# **Clamps** Clamps Klemmen Morse Pinzas **Pinças** クランプ **PARSONNET Aorta Clamps** The jaws, available in four sizes. Overall length 10-1/4in (26cm). <del>\_</del>21 CH7355-001 CH7355-002 CH7355-004 CH7355-003 Jaw length at base Jaw length at base Jaw length at base Jaw length at base 1-1/4in (3.2cm). 1-3/4in (4.4cm). 1-1/8in (2.8cm). 1-1/2in (3.8cm). Overall length Overall length Overall length Overall length 9-3/8in (23.8cm). 9-3/8in (23.8cm). 9-3/4in (24.7cm). 9-1/2in (24.1cm). **DeBAKEY "Sidewinder" Aorta Clamps** Double curved jaws. **CH7252** CH7251 Jaw length 1-3/4in (4.5cm). Jaw length 2-3/8in (6cm). Overall length Overall length 9in (22.9cm). 10-1/2in (26.7cm).

### **DERRA Miniature Anastomosis Clamps**

Spring Handle.

### CH6814

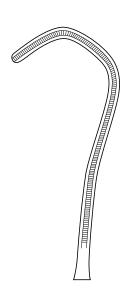
Small. Jaw 1/2in (1.5cm). Overall length 6-7/8in (17.4cm).

### **CH6816**

Medium. Jaw 3/4in (2cm). Overall length 7-1/8in (18cm).

### CH6818

Large. Jaw 1in (2.5cm). Overall length 6-3/4in (17.2cm).





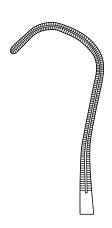
### **COOLEY-DERRA Clamps**

DERRA-type jaws in 5mm increments. Overall length 6-1/2in (16.5cm).



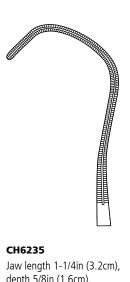
### **CH6233**

Jaw length 3/4in (1.9cm), depth 3/8in (1cm).



### CH6234

Jaw length 7/8in (2.2cm), depth 1/2iin (1.3cm).



depth 5/8in (1.6cm).



Clamps Klemmen Morse Pinzas Pinças クランプ

### **DeBAKEY SATINSKY Clamps**

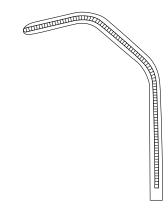
Overall length 10in (25.4cm).



### **CH7300**

<u>=</u>21

Small jaws, length 2in (5.1cm), depth 5/16in (0.9cm).



### CH7302

Medium jaws, length 2-1/8in (5.4cm), depth 3/4in (1.9cm).



### **DERRA Vestibular Clamp**

Longitudinally serrated jaws.

### **CH5098**

Jaws 1-3/4in x 3in (44mm x 75mm) wide. Overall length 9-1/2in (24.1cm).



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### **COOLEY Coarctation Clamps**

Straight jaws.

### **CH6300**

Straight shanks. Jaw length 2in (5.1cm). Overall length 8-3/4in (22.2cm).

### CH6302

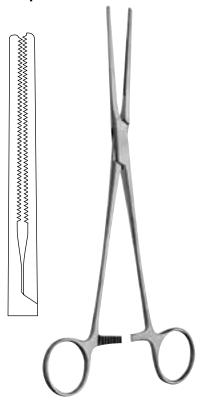
Straight shanks. Jaw length 2-3/4in (7cm). Overall length 9-3/4in (24.8cm).

### **♦ CH6310**

Angled shanks. Jaw length 2in (5.1cm). Overall length 8-3/4in (22.2cm).

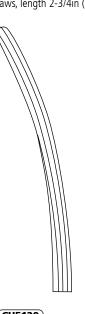
### CH6312

Angled shanks. Jaw length 2-3/4in (7cm). Overall length 9-3/4in (24.8cm).



### **CRAFOORD Coarctation Clamp**

Longitudinally serrated jaws, length 2-3/4in (7cm).

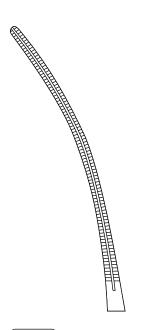




Overall length 9-1/4in (23.5cm).



### **CRAFOORD Coarctation Forceps**



### **CH6360**

Slightly curved jaws, length 2-3/4in (7cm). Overall length 9-1/4in (23.5cm).



### **DeBAKEY Coarctation Vascular Clamps**

Straight, non-crushing jaws, length 2-1/8in (5.4cm).

Overall length 9in (22.9cm).



Straight shank.

### CH7112

Angled shanks.



Clamps Klemmen Morse Pinzas Pinças クランプ

### **GLOVER Coarctation Clamps**

### CH7180

Extra-long. Straight. Jaw length 2-3/4in (7cm). Overall length 10-1/2in (26.7cm).



Extra-long. Angled. Jaw length 2-3/4in (7cm). Overall length 10-1/2in (26.7cm).

### CH7184

Straight. Jaw length 2-1/8in (5.4cm). Overall length 9in (23cm).

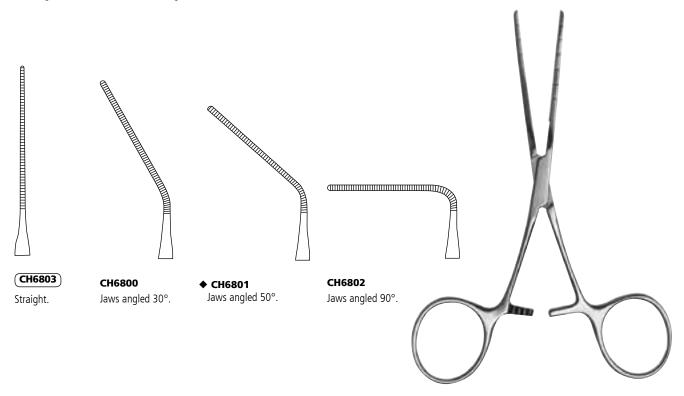
### CH7186

Angled. Jaw length 2-1/8in (5.4cm). Overall length 8-7/8in (22.5cm).



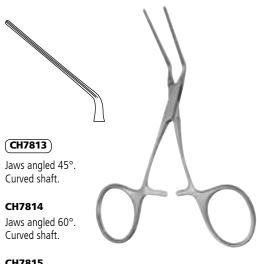
### **CASTANEDA Multi-Purpose Clamps**

Jaw length 1-3/8in (3.5cm). Overall length 5in (12.7cm).



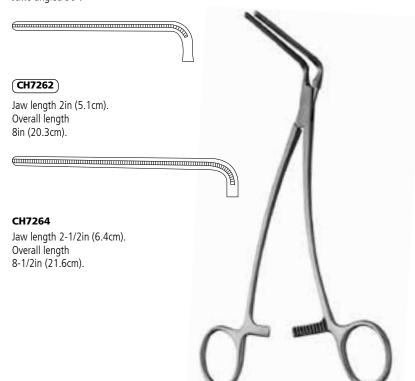
### **DeBAKEY-CASTANEDA** Clamps

Delicate, narrow. 1.4mm DeBAKEY jaws. Overall length 4-3/4in (12.1cm).



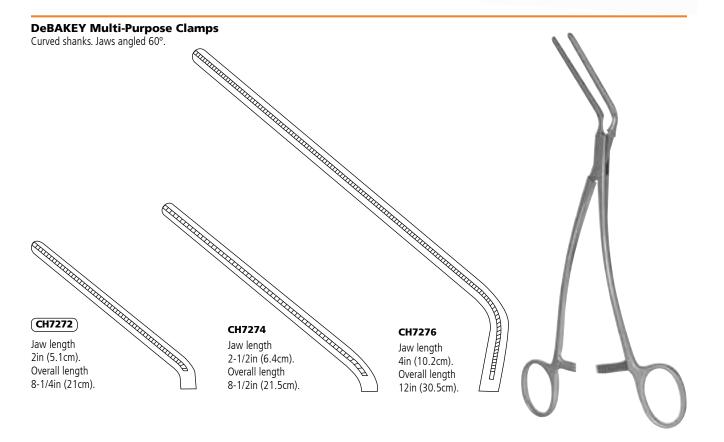
### **DeBAKEY Multi-Purpose Clamps**

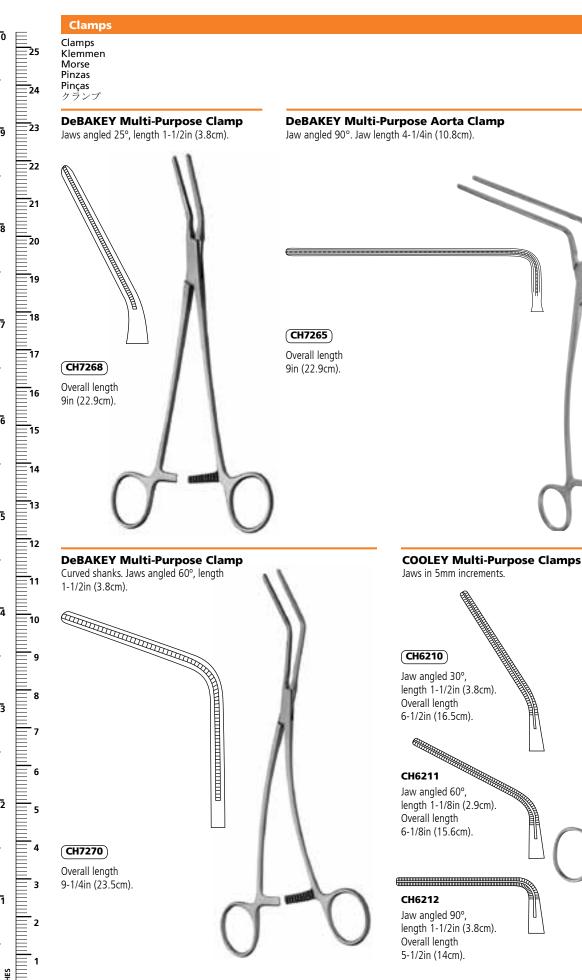
Jaws angled 90°.



### CH7815

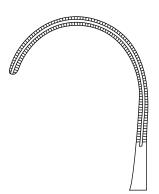
Jaws angled 90°. Curved shaft.





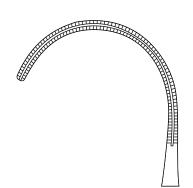
### **COOLEY Multi-Purpose Curved Clamps**

Acutely curved jaws in 5mm increments. Angled shanks. Overall length 8in (20.3cm).





Jaw length 1-1/4in (3.2cm), depth 5/8in (1.6cm).

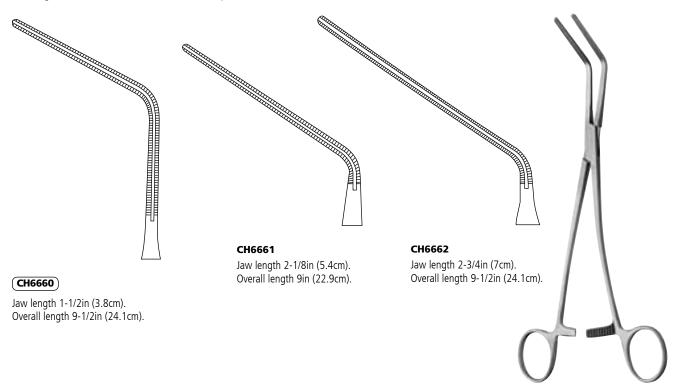


Jaw length 1-1/2in (3.8cm), depth 3/4in (1.9cm).



### **COOLEY Multi-Purpose Angled Clamps**

Jaws angled 60° half the distance from the distal tip.



### Clamps

Clamps Klemmen Morse Pinzas Pinças クランプ

### **CASTANEDA Anastomosis Clamps**

Overall length 6in (15.2cm).



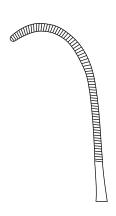
CH6807

Jaw length 5/8in (1.5cm), depth 5mm.



**CH6808** 

Jaw length 3/4in (1.8cm), depth 6mm.



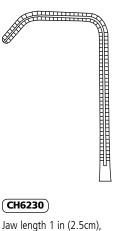
CH6809

Jaw length 7/8in (2.1cm), depth 7mm.



### **COOLEY Double-Angled Clamps**

Jaws in 5mm increments, angled 90°.



Jaw length 1 in (2.5cm) depth 6.8mm.
Overall length 6-1/2in (16.5cm).



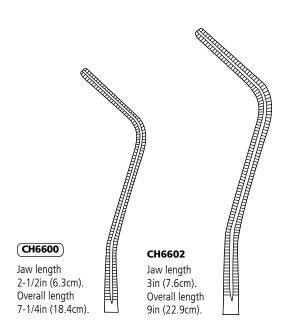
### **COOLEY Double-Angled Clamps**

Jaws in 5mm increments, angled 60°.



### **COOLEY Carotid, Subclavian, and Renal (CSR) Artery Clamps**

Jaws angled 1/3 of the distance from the distal tip and in 5mm increments.





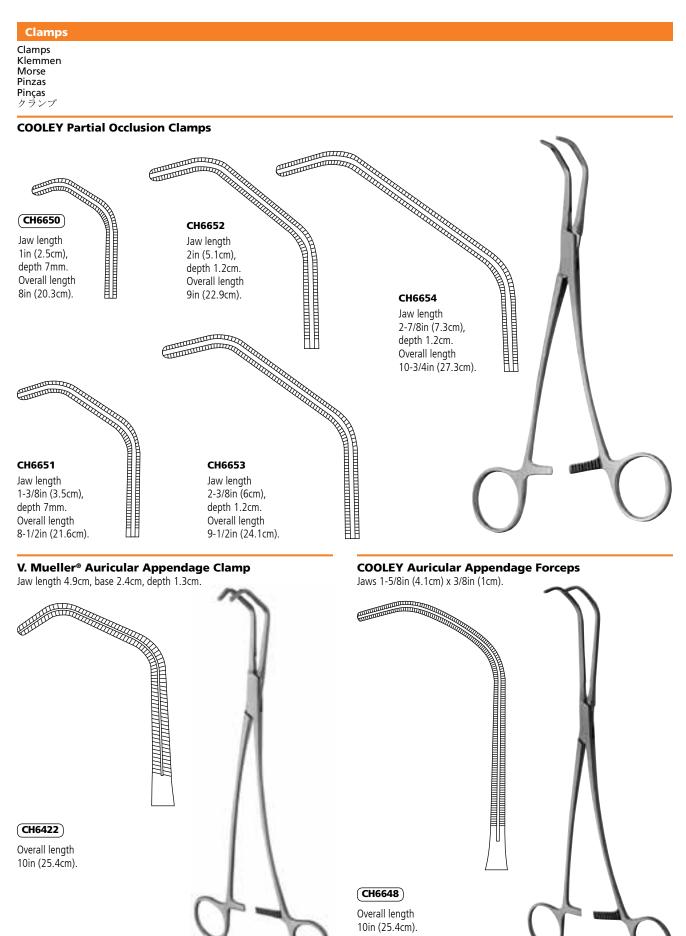
### **HENLY Artery Clamp**

CH7602
Overall length 8-1/2in (21.6cm).

### **DeBAKEY Artery Clamp**

Ratchet handle. Curved with 1  $\times$  9 ratchets. Jaw length 2-1/2in (6.5cm).





### **COOLEY Curved Clamp**

Light. Fully curved jaws.



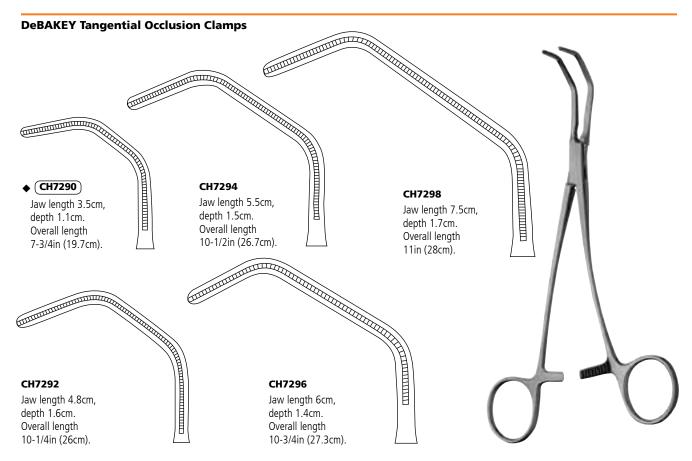
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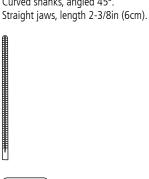


### **Clamps**

Clamps Klemmen Morse **Pinzas Pinças** クランプ

### **COOLEY Iliac Clamps**

Curved shanks, angled 45°.



### **CH6640**

Overall length 8-1/4in (21.0cm).

### CH6642

Overall length 10in (25.4cm).



### V. Mueller Instrument Warranty

We warranty every medical device and accessory bearing the V. Mueller brand name to be free of functional defects in workmanship and materials when used normally for its intended use. Any V. Mueller product proving to be so defective will be replaced or repaired at no charge. Repairs or modifications performed by unauthorized personnel may void all product warranties and could affect performance and efficacy of the device.

### **COOLEY Curved Clamps**

Acutely curved jaws are in 5mm increments.



### **CH6236**

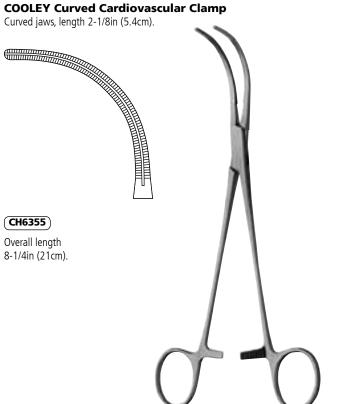
Jaw length 7/8in (2.2cm), depth 3/8in (1cm). Overall length 6in (15.2cm).

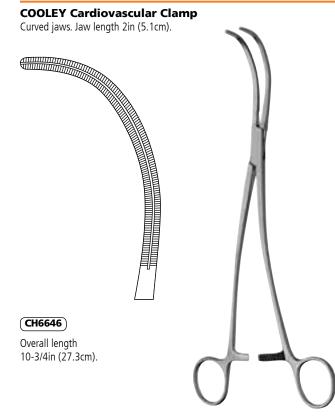


### CH6237

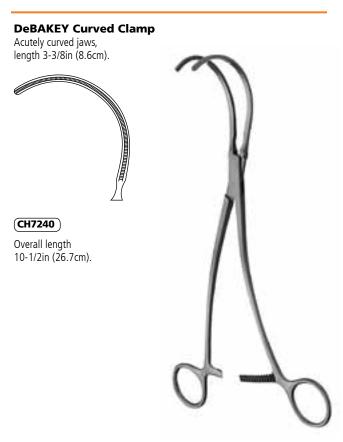
Jaw length 1-3/8in (3.5cm), depth 1/2in (1.3cm). Overall length 6-1/4in (15.9cm).









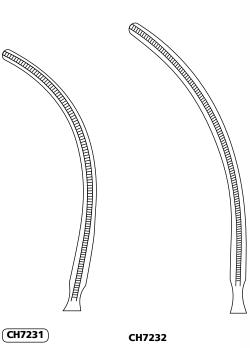


# <u>=</u>21 =20

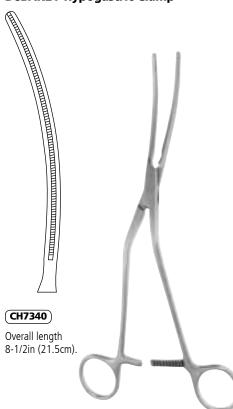
# **Clamps** Clamps







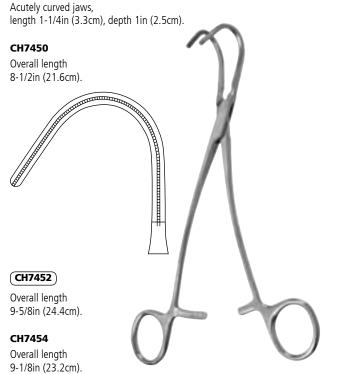
**DeBAKEY Hypogastric Clamp** 



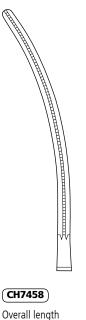
Curved jaws, length 2-1/2in (6.4cm). Overall length 10-3/4in (27.3cm).

Slightly curved jaws, length 3in (7.6cm). Overall length 11-1/4in (28.6cm).

### WYLIE "J" Clamps



### **WYLIE Hypogastric Clamp**





9-1/2in (24.1cm).

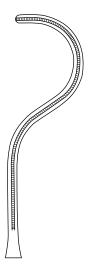


116

### **DALE Clamps**

### CH7472

Small. Jaw length 1/2in (1.5cm). Overall length 6-7/8in (17.5cm).

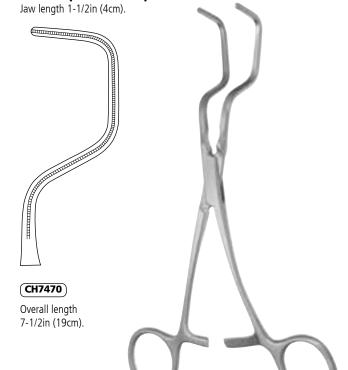


### **CH7474**

Medium. Jaw length 3/4in (2cm). Overall length 7in (17.8cm).

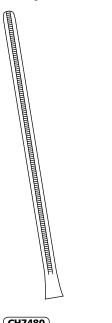


# **DALE Improved Clamp**



### **DEMOS Artery Clamp**

Jaw length 1-1/2in (4cm).



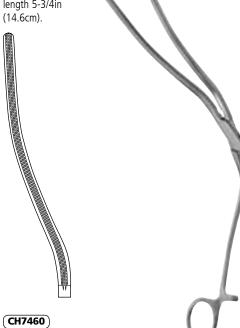
### (CH7480)

Overall length 8-1/2in (21.5cm).

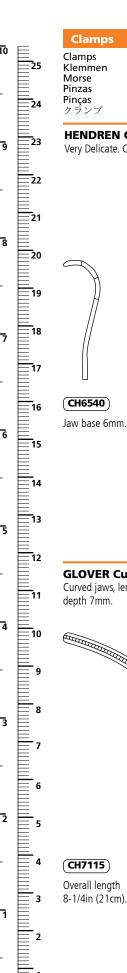


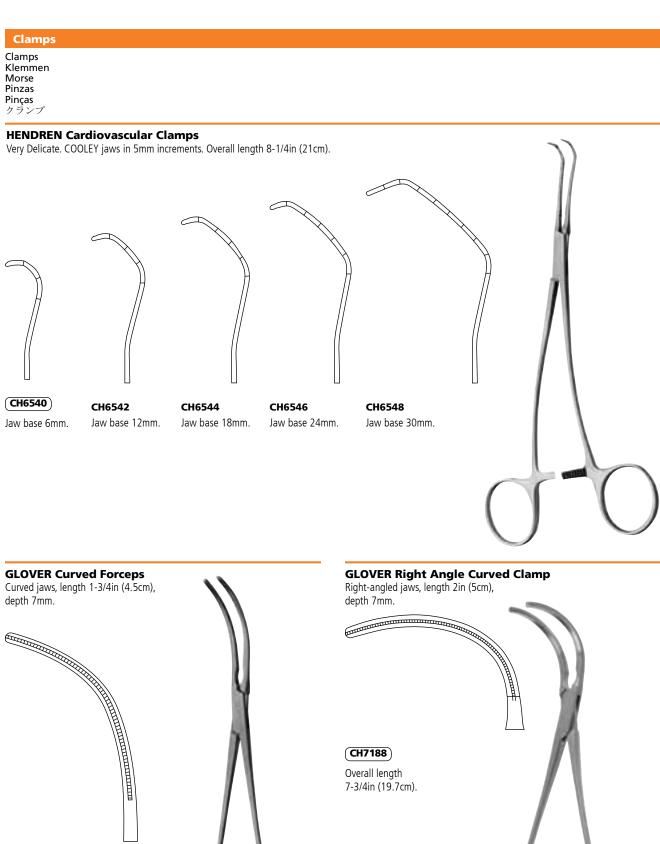
### **CHERRY Clamp**

Handle angled 60°. 2 x 3 teeth. Curved jaws, length 5-3/4in



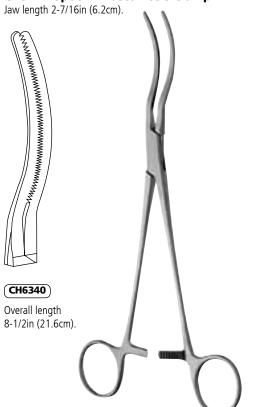
Overall length 12-1/2in (31.7cm).







### **GLOVER Spoon Anastomosis Clamp**



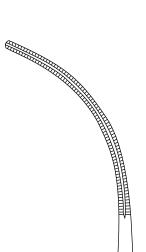
### **HENDREN Cardiovascular Clamps**

Delicate. COOLEY jaws in 5mm increments. Overall length 6-1/4in (15.9cm).



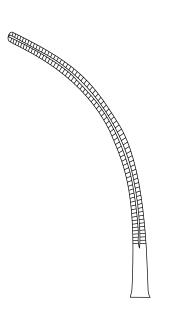
### **GLOVER Curved Clamps**





### **CH6350**

Jaw length 2in (5.1cm). Overall length 8-1/2in (21.6cm).



### CH6352

Jaw length 2-3/4in (7cm). Overall length 9-3/4in (24.8cm).



### Clamps

Clamps Klemmen Morse Pinzas Pinças クランプ

### **GLOVER Spoon-Shaped Forceps**



### **CH7118**

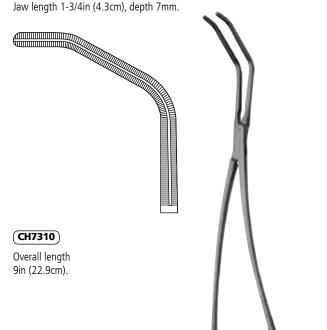
Curved jaw, length 1-5/8in (4cm), depth 7mm. Overall length 8-1/2in (21.6cm).

### CH7119

Curved jaw, length 1-7/8in (4.8cm), depth 8mm. Overall length 9-1/2in (24.1cm).

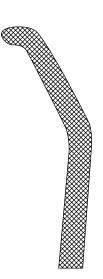


### **GLOVER Auricular Appendage Clamp**



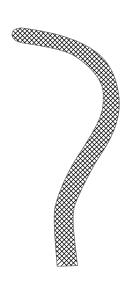
### **HARKEN Clamps**

Curved jaw with cross-serrations.



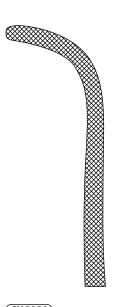
### CH6464

Jaw length 2-3/8in (6cm). Overall length 9-3/8in (23.8cm).



### CH6462

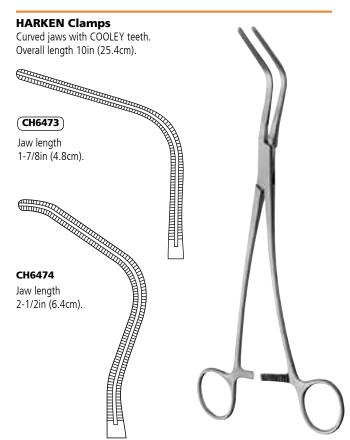
Jaw length 2-7/8in (7.4cm). Overall length 9-1/2in (24.1cm).



### **CH6461**

Jaw length 3-1/8in (8cm). Overall length 9-3/4in (24.9cm).





### **COOLEY Caval Occlusion Clamps**

Clamps encourage flow through indwelling, cannula, or catheter. Jaw ring clamps around catheter. Angled shanks.

### **CH7970**

Ring size 24Fr. Overall length 6-1/2in (16.5cm).

### CH7972

Ring size 28Fr. Overall length 7-1/4in (18.4cm).

### CH7974

Ring size 32Fr. Overall length 7-1/4in (18.4cm).

### CH7974-001

Ring size 34Fr. Overall length 7-1/4in (18.4cm).

### CH7975

Ring size 36Fr. Overall length 7-1/4in (18.4cm).





Designed with COOLEY jaws. Jaw length 2in (5.1cm).



# **CH6400**

Overall length 8-1/4in (21cm).



### **COOLEY Bronchus Clamp**

Angled shanks. COOLEY jaws angled 90°, length 3-3/4in (9.5cm).



Overall length 9-1/2in (24.1cm).



### Clamps

Clamps Klemmen Morse Pinzas Pinças カランプ

### **JAVID Carotid Artery Bypass Shunt Clamps**

Designed to hold tubes in place during vascular procedures.



<u></u> = 21

### **♦** (CH7950)

Angled jaws close to approximately 4mm diameter ring at distal tip. Overall length 6-1/4in (15.9cm).



### ♦ CH7952

Angled jaws close to approximately 6mm diameter ring at distal tip. Overall length 7in (17.8cm).



### **Fogarty® Spring Clip Applicator Forceps**

### ♦ (CV5110)

For use with 6mm Fogarty® spring clips. Overall length 7-1/4in (18.4cm).

### CV5111

For use with 12mm Fogarty® spring clips. Overall length 7in (17.8cm).



### Fogarty Hydragrip® Clamps

For vascular use. Jaws accept 33mm inserts.

### ♦ CV5020

Straight. Overall length 6-1/2in (16.5cm).

### **♦** (CV5025)

Angled. Overall length 4-5/8in (11.8cm).



### **Fogarty Hydragrip® Clamps**

Jaws accept 61mm inserts.

### ♦ (CV5030)

Straight. Overall length 11-1/2in (29.2cm).

### ♦ CV5040

Angled. Overall length 8-3/4in (22.2cm).



### Fogarty Hydragrip® Clamp

Jaws accept 61mm inserts.

### **♦** (CV5045)

Angled. Overall length 8-1/2in (21.6cm).



### Fogarty Hydragrip® Clamp

Jaws accept 86mm inserts.

### **♦** (CV5050)

Angled. Overall length 9-1/4in (23.5cm).



### **Fogarty Hydragrip® Forceps**

Jaws accept 86mm inserts.

### **CV5055**

Straight. Overall length 12-1/4in (31.1cm).



### **COSGROVE Slim Fit™ Clamp**

Has a more slender clamp head.
Inserts not included.

### **CV1033**

Fogarty-type jaw, length 33mm. Working length 31cm.

### ♦ CV1061

Fogarty-type jaw, length 61mm. Working length 33cm.

# Clamps Clamps Klemmen Morse Pinzas

Pinças クランプ

### **COSGROVE Quick Bend™ Flex Clamp**

Has a shortened neck that bends closer to the jaw for greater flexibility. Inserts not included



### **Forceps/Dilators**

Forceps/Dilatateurs Zangen/Dilatatoren Pinze/Dilatatori Fórceps/Dilatadores Fórceps/Dilatadores 鉗子/拡張器

### **DeBAKEY Vascular Tunneler**

Tip diameter 16mm. Mirror and Satin finish.

### **CH12900**

Working length 16-1/2in (42cm). Overall length 21-1/4in (54cm).

### NOON (Modified) Vascular Access Tunneler

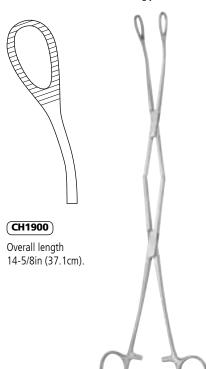
Includes three interchangeable olive tips: 6, 7 and 9mm diameters. Mirror finish.

### CH12920

Overall length 9-1/4in (23.5cm).

### **HALLMAN Tunneling Forceps**

Double-action. Cross-serrated ring jaws.



### **Chest Tube Passers**

### ♦ CH04185

Without ratchet. Overall length 9-3/4in (24.8cm).



### **CH04186**

With ratchet. Overall length 9-3/4in (24.8cm).

### CH04189

Without ratchet. Overall length 14in (35.6cm).



### V. Mueller® Blunt Hooks

Matte and Mirror finish. Overall length 7in (17.8cm).



### CH8672

2mm rounded tip.



### **CH8673**

1.3mm ball tip.



### **Punches**

Emporte-pièces Stanzen Punzoni Sacabocados Punções 穿孔



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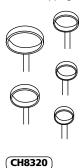
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### **NEW ORLEANS Endarterectomy Stripper Set**

Five stripping loops, sizes 4mm, 5mm, 6mm, 7mm and 9mm on 12in (30.5cm) handle. Handle is threaded on proximal end. Additional 12in (30.5cm) female-threaded handle included to extend stripping loops.



# **LEATHER (Modified MILLS) Retrograde** Valvulotomes

Blade on inside edge of tip. Tip 2.9mm. Mirror finish.



### ◆ (CH8680)

Overall length 9-1/2in (24.1cm).



### CH8680-001

Overall length 13in (33cm).

Aiguille/Canules Nadel/Kanülen Ago/Cannule Aguja/Cánulas Agulha/Cânulas 針/カニューレ

### **LEATHER Antegrade Valvulotome**

Cutting surface on leading edge. Mirror finish.



### **CH8681**

Overall length 7in (17.8cm).



Malleable. Luer lock. Tip 4mm.

### **CH8084**

Overall length 2-1/2in (6.3cm).



# **Infusion Cannula**

Malleable. Tip 1.5mm.



### **CH8085**

Overall length 2-1/8in (5.4cm).



### JACOBSON Vessel Knife

Pointed, concave blade.



### **CH8586**

Overall length 7-1/4in (18.4cm).



### **Needle/Cannulas/Trocars**

Aiguille/Canules Nadel/Kanülen Ago/Cannule Aguja/Cánulas Agulha/Cânulas 針/カニューレ

### **Heparin Needles**

13GA. Luer lock. Mirror finish.

### CH8080

Overall length 2in (5.1cm).

### CH8083

Overall length 3in (7.6cm).



### **CLAGETT "S" Cannulas**

Double curved, Luer hub. Mirror finish.

### **CH3390**

13GA. Overall length 5-1/2in (14cm).

### CH3391

14GA. Overall length 5-1/2in (14cm).

### CH3392

14GA. Overall length 3-1/8in (7.9cm).



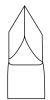
### **PATTERSON Trocars**

Mirror and Satin finish.



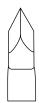
### CH2806

Small. Sheath 5.9mm O.D. Overall length 7-1/2in (19cm).



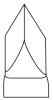
### CH2802

Medium-large. Sheath 10mm O.D. Overall length 8in (20.3cm)



### CH2804

Medium. Sheath 8.4mm O.D. Overall length 7-1/2in (19cm).



### CH2800

Large. Sheath 11.4mm O.D. Overall length 8in (20.3cm).



### **JACOBSON Endarterectomy Spatulas**

Semi-sharp blade, 10mm x 1mm wide. Overall length 7in (17.8cm).



### **CH8580**

Straight.



### CH8585

Angled 45°.

Tubes d'aspiration Absaugschläuche Tubi di aspirazione Tubos de succión Tubos de sucção 吸引チュース

### **Vascular Suction Tubes**

### CH8040

Long suction basket tip. Working length from angle to distal tip 3-1/2in (8.9cm). Overall length 11in (28.0cm).

### CH8042

Small detachable tip. Tip angled 135°. Overall length 10in (25.4cm).

### **FELL Suction Tube**

Tip 9mm O.D.

### CH8050

Overall length 13in (33cm).

### **COOLEY Vascular Suction Tube**

Round, perforated end 7.5mm O.D.

### CH8057

Working length 7in (17.8cm). Overall length 12in (30.5cm).



### **COOLEY Graft Suction Tube**

Open end 8mm O.D., small opening on side.

### **CH8055**

Working length 8-1/2in (21.6cm). Overall length 14in (35.6cm).

### **COOLEY Intracardiac Suction Tube**

Round, perforated end 9mm O.D.

### **CH8059**

Working length 7in (17.8cm). Overall length 12in (30.5cm).



### **COOLEY Sump Suction Tubes**

Tip diameter 7.5mm. Overall length 13in (33cm).

Angled 30°,



### **Suction Tubes**

Tubes d'aspiration Absaugschläuche Tubi di aspirazione Tubos de succión Tubos de sucção 吸引チューブ

### **Vascular Suction Tube**

Working length from angle to distal tip 5in (12.7cm). Overall length 8-1/4in (21cm).

### **CH8044**

Long, fluted tip.

### CH8046

21

Tips tapers with 1.7mm hole.

### CH8047

Tip tapers with 2mm hole.

### CH8048

Tip tapers with 3mm hole.

### CH8049

Tip tapers with 4mm hole.



### **Small Suction Tubes**

No. 1, fluted, fixed tip.

### (CH3300)

Working length 2-1/2in (6.4cm). Overall length 7-1/2in (19.1cm).



### **Small Suction Tubes**

No. 2, perforated, removable tip.

### **CH3302**

Working length 2-1/2in (6.4cm). Overall length 7-1/2in (19.1cm).



Porte-aiguilles Nadelhalter Porta-ago Sostenes de agujas Porta-agulhas 針ホルダー

### V. Mueller's VITAL® Advantage

Helping you choose the right instrument for the right procedure is a specialty of V. Mueller, the market leader in specialty surgical instruments.

Vital® Needle Holder User's Guide provides three easy ways to choose the most appropriate Needle Holder for your surgical needs.

- 1. **By suture size.** Identifying the appropriate needle holder to use with the suture and needle selected. This is easy with three separate charts 4.0, 5.0-6.0 and 7.0 and finer.
- 2. By alphabetical cross-reference of instrument name to catalog number.
- 3. By Needle Table of sutures and suture needles offered by two leading manufacturers.

As a surgical specialist, we're sure you'll agree – starting with the right needle holder is one of your surest ways to reduce repairs and prolong the life of your Vital® instrument.

### For 5-0 and 6-0 Suture Size

	Cat. No.	Description	Length
<b></b>	10-20mm Needle	Length – Needle Table B	
	CH2411	SAROT	10-3/8" (26.3cm)
	CH2416	SAROT	7-1/8" (18.1cm)
	CH2417	ROCHESTER, delicate	7-1/8" (18.1cm)
	CH2420	JULIAN, delicate, straight	8" (20.3cm)
	CH2421	JULIAN, delicate, curved	8" (20.3cm)
3600 Teeth	CH2422	CRILE-WOOD	7-1/8" (18.1cm)
Per Square Inch	CH2423	CRILE-WOOD, curved	7-1/8" (18.1cm)
	CH2424	CRILE-WOOD	8" (20.3cm)
	CH2425	CRILE-WOOD	9" (22.9cm)
	CH2426	CRILE-WOOD, curved	9-1/4" (23.5cm)
	CH2426-001	CRILE-WOOD, left handed	9-1/4" (23.5cm)
	CH2427	CRILE-WOOD	10-3/8" (26.3cm)
	CH2428	CRILE-WOOD	11-3/4" (29.8cm)
	CH2429	CRILE-WOOD	14in (35.6cm)

### **Needle Tables**

		Table	Α			Tal	ole B		Table C				
4-(	0 and	Larg	jer Sı	uture	5.	-0 and	6-0 Sı	iture	7-0	and F	iner S	uture	
	.22-6	5mm	Leng	gth	1	10-20m	m Len	gth	2-11mm Length				
E	thico	n		vis & eck	Eth	nicon	Davis	& Geck	Eth	nicon	Davis	& Geck	
BB	G	SC	C	PRE	BB	MO	C	PE	BV	Ρ	C	LE	
BP	J	SH	CE	SBE	BV	MH	CE	PR	C	RB	CE	LO	
C	KS	SHB	CS	SCE	C	Ρ	CO	PRE	CC	SIF	CF	PR	
ccs	LR	ST	CT	SLO	CC	PS	D	SBE	CIF	ST	co	PRE	
CP	LS	STP	CV	T	CCS	RB	DO	SCE	CS	TG	CV	SE	
CPS	Μ	TE	D	TE	CPS	RD	DT	SE	CTC	VAS	CTE	T	
CPX	MH	TS	DO	TH	CT	S	DTE	T	G	V	DT	TE	
CT	МО	UCL	MT	TS	CTX	SH	LA	TE			DTO	TS	
СТВ	OS	UR	NE	TT	FN	SM	LE	Y			LA	V	
CTX	Ρ	V	PR		FS	TF	LO	YE			LB	YE	
EN	PC	X			G	TG	MR						
FS	PS	XLH			М	V							
FSL	PSL												
FSLX	<i>S</i>												

### **Recommended VITAL® Needle Holders**

### For up to 4-0 Suture Size

	Cat. No.	Description	Length
<b>(</b>	22-65mm N	leedle Length – Needle Tab	ole A
/ <b>*</b>	CH2433	WANGENSTEEN	10-3/4" (27.3cm)
	CH2435	MAYO-HEGAR	11-3/4" (29.8cm)
	CH2437	MAYO-HEGAR	14in (35.6cm)
	CH2438	MAYO-HEGAR	18in (45.7cm)
	CH2442	MASSON	10-3/8" (26.3cm)
2500 Teeth Per Square Inch	CH2461	FINOCHIETTO	8" (20.3cm)
	CH2471	FINOCHIETTO	10-1/2" (26.7cm)

For 7-0 and Finer Suture Size

	Cat. No.	Description	Length
	2-11mm Ne	edle Length – Needle Tabl	e C
	CH2406	COOLEY Microvascular	6" (15.2cm)
	CH2407	COOLEY Microvascular	6-3/4" (17.1cm)
	CH2407 CH2408	COOLEY Microvascular	8" (20.3cm)
Smooth Jaws	CH2419	CRILE-WOOD	6" (15.2cm)

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Please read the complete Instructions for Use that come with the instruments or follow the instructions on the product labeling.  $\frac{1}{2} \int_{\mathbb{R}^{n}} \frac{1}{2} \left( \frac{1}{2} \int_{\mathbb{R}^{n}} \frac{1}{$ 

Medical devices class I, I measuring, IIa and IIb according to Medical Devices Directive 93/42/ EC - CE-marked by TÜV Product Service GmbH (0123) where appropriate.

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