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APPENDIXES
- Sterilization and Care
- Abbreviations
- Index
WHO WE ARE? WHY RUMEX?

RUMEX International Co is one of the leading manufacturers of surgical instruments for hand-held surgery. Our major specialization lies within reusable instruments for cardiovascular, thoracic, MIS, and ophthalmologic surgery.

With headquarters based in Florida, USA and branches and representatives in more than 70 countries all over the world – RUMEX is truly a global enterprise.

Since 1994, for more than 25 years we are constantly developing innovative surgical products together with the most experienced surgeons and industry experts. Our experienced engineering team and highly developed manufacturing facilities allow us to implement important current trends and innovative ideas of the industry.

Our portfolio includes a complete range of more than 2000 items. We offer our customers a wide range of titanium and stainless steel reusable instruments for numerous cardiovascular and thoracic surgical procedures.

The mission of our company is to deliver the best surgical instruments for our customers, constantly expanding and improving the range of goods and services.
RUMEX ADVANTAGES AND HIGHLIGHTS

PRICING
The pricing policy may vary from region to region. Please contact us via e-mail: customerservice@RUMEX.com
We aspire to provide hospitals and medical professionals all over the world with superior quality surgical instruments and medical innovations at an affordable price

DISTRIBUTION
To become a distributor, email your request to RUMEX@RUMEX.com

ORDERS AND SHIPPING
Orders can be placed directly through the «RUMEX International» office or through your local RUMEX representative.
Purchasing with our company is simple and convenient and processing orders quickly and efficiently is a matter of primary importance for us!

CUSTOMER SERVICE AND SUPPORT
We value each client and work hard to provide the best service possible.
Our experienced team is always happy to help you choose the correct item for your needs.
We are proud of our innovative products and strive to help doctors by offering a comprehensive line of instruments.
For questions or assistance, feel free to contact us at customerservice@RUMEX.com or RUMEX@RUMEX.com
RUMEX ADVANTAGES AND HIGHLIGHTS

WHY MORE THAN 17,000 SURGEONS ALL OVER THE WORLD CHOOSE RUMEX?

SUPERIOR QUALITY PRODUCTS

RUMEX is certified with ISO 13485:2003 for the design, manufacturing, and selling of microsurgical instruments, medical devices, cardiovascular, and ophthalmic instruments. All surgical instruments are FDA and CE approved. RUMEX implements a strict quality control system and adheres to all required federal guidelines.

MATERIALS

We produce titanium instruments and stainless steel instruments. Titanium has several advantages over stainless steel:

Non-magnetic. In contrast to stainless steel, titanium instruments are non-magnetic – a stainless steel needle will not stick to a needle holder made of titanium.

Non-corrosive, non-ferrous, biocompatible and immune to rust. Because titanium is a non-ferrous metal, it will not rust. It resists corrosion even in the presence of oxidizing acids (like nitric acid), chlorides, saltwater, and industrial and organic chemicals. If you are doing any work with MRIs, you will want to consider titanium surgical instruments, because they are 100% non-magnetic.

Light material with a high tensile strength. Titanium instruments are 45% lighter than those made of stainless steel. which reduces hand fatigue. Lightweight surgical Instruments are simply easier to handle, especially during long surgical procedures or dissections or when performing repetitive tasks. This also means that titanium surgical tools are more flexible than their stainless steel counterparts.

Can be colored. Titanium is naturally a gray metal, but by anodizing the surgical instruments, manufacturers change the surface properties of the metal. Titanium surgical instruments can come in a rainbow of colors, but they are typically blue. The anodizing also makes the surgical instruments non-reflective so that there is no glare. When you are working under operating lights or even under a microscope, this becomes an important feature.

Hard, durable material, even after repeated autoclaving, allowing you to repeatedly sterilize them without fear of damaging the surfaces or cutting edges. Because titanium may be heated up to 440°F, titanium surgical instruments may be autoclaved, as needed. The strength of titanium greatly enhances the utility of the instruments, including prolonging their life.

Titanium is an ideal metal for the construction of surgical instruments, because the instruments are lighter, more durable, last longer, stay sharper and are more comfortable to use.
WARRANTY AND RETURNS

WARRANTY CONDITIONS
RUMEX provides a lifetime warranty against any manufacturing or material defects for all instruments. After carrying out an expert analysis and confirming that the defect was not caused by improper handling or misuse, we will provide 100% compensation free of charge and replace the defect with a brand new instrument. In some cases when instruments are improperly used or mishandled this may lead to occurrence of non-manufacturer defects which are not covered by RUMEX lifetime warranty. To avoid such cases please read carefully and always follow our Sterilization and Care instructions or consult our customer service for proper handling and care training and information.

RETURNS AND REPLACEMENTS
Any instrument returned within 30 days is not charged for restocking provided that it is returned in the original, unused condition. Any instrument returned within 30-60 days after shipment is subject to 10% restocking charge. No returns accepted after 60 days.

To return or replace an instrument please download the RGA form at www.RUMEX.com, fill it out and send the filled out copy by post together with the instrument. Electronic version of RGA is to be e-mailed to RUMEX customer service. You will be contacted by RUMEX customer service within 24 hours (business days only) and informed about further steps.

To obtain a Return Authorization Number prior to returning instruments, please call customer service:
+1 727 535 9600 (For USA, Canada)
+371 6616 3181 (For Europe, Asia, Africa, Latin America)

All used instruments are to be properly cleaned and sterilized before returning and shipping. Customers will be credited the costs of the instruments but will be responsible for all freight charges for the original order. Refunds are available only in a form of credit towards future purchases. Instruments damaged beyond repair and custom orders are not subject to return or replacement.

REPAIRS
If you require a repair of an instrument we will be glad to offer you this service. Please contact RUMEX customer service team for more details
FORCEPS

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FORCEPS

RUMEX provides its customers with different tips sizes, types, and styles to satisfy surgeons demands world wide.

A few of the most popular tips are below.

Many of RUMEX toothed forceps have TC Coated platforms to assist surgeons in their manipulations.

SYNAPSE LINE

Alternative Stainless Steel analogs are available upon request.
Customized instruments are available upon request.
CASTROVIEJO SUTURE

- 0.12 mm 1×2 teeth TC Coated tying platform – 4.2” (10.7 cm) 4-6111T
- 0.30 mm 1×2 teeth TC Coated tying platform – 4.2” (10.7 cm) 4-6112T
- 0.50 mm 1×2 teeth TC Coated tying platform – 4.2” (10.7 cm) 4-6113T
- 0.90 mm 1×2 teeth TC Coated tying platform – 4.2” (10.7 cm) 4-6114T
- 0.12 mm 1×2 teeth TC Coated tying platform – 4.2” (10.7 cm) 4-6115T

CASTROVIEJO

- TC Coated tying platform – 4.2” (10.7 cm) 4-6155T

BONN MICRO SUTURE

- 0.12 mm 1×2 teeth – 2.8” (7.1 cm) 4-6161T
- 0.12 mm 1×2 teeth w/5 mm TC Coated tying platform – 3.6” (9.2 cm) 4-6162T
McPHerson TYING

4 mm TC Coated tying platform – 3.3” (8.4 cm) 4-0701T

BISHOP HARMON TISSUE

Fine 1×2 teeth – 5.9” (15 cm) 4-1603T
Delicate 1×2 teeth – 7” (18 cm) 4-1633T
Delicate 1×2 teeth – 8” (20 cm) 4-1653T
Dressing 1×2 teeth – 9.5” (24.2 cm) 4-1663T
Fine 0.5 mm 1×2 teeth – 3.3” (8.4 cm) 4-5025T
Delicate 0.3 mm 1×2 teeth – 3.3” (8.4 cm) 4-5026T
Dressing Crisscross serrated tips – 3.3” (8.4 cm) 4-5027T

ADSON MICRO DRESSING

Delicate serrated tips – 4.75” (12 cm) 4-0703T

ADSON DRESSING

Serrated tips – 4.75” (12 cm) 4-1401T
**ADSON MICRO**

- **Straight** Handle
  - 0.50 mm tips, TC Coated – 9.8” (25 cm)  
    - 4-1171T
  - 1 mm tips – 9.8” (25 cm)  
    - 4-1173T

- **Curved** Handle
  - 0.50 mm tips, TC Coated – 9.8” (25 cm)  
    - 4-1172T
  - 1 mm tips – 9.8” (25 cm)  
    - 4-1174T

**ADSON**

- **Straight Serrated Platform 1x2 Teeth**
  - 0.70 mm 1x2 teeth w/Serrated platform – 4.75” (12 cm)  
    - 4-4111T

- **Straight TC Platform 1x2 Teeth**
  - 0.70 mm 1x2 teeth w/TC Coated tying platform – 4.75” (12 cm)  
    - 4-4112T

- **Straight Smooth 1x2 Teeth**
  - 0.70 mm 1x2 teeth – 4.75” (12 cm)  
    - 4-4113T
**ADSON BROWN TISSUE**

- Flat Handle
- Straight Multiple Teeth
- Multiple teeth – 4.75” (12 cm)
- 4-1420T

**ADSON MICRO TISSUE**

- Flat Handle
- Straight Smooth 1x2 Teeth
- Smooth 1x2 teeth – 4.75” (12 cm)
- 4-0741T

**BROLI ADSON**

- Flat Handle
- Straight Serrated
- Serrated tips – 6” (15 cm)
- 4-1422T

- Flat Handle
- Straight TC Coated
- TC Coated tips – 6” (15 cm)
- 4-1423T

- Flat Handle
- Straight Smooth 1x2 Teeth
- Smooth 1x2 teeth – 6” (15 cm)
- 4-1424T
BROLI ADSON

Curved Serrated

Flat Handle

Serrated tips – 6” (15 cm) 4-1425T

MICRO PIERCE

Micro Pierce tips – 5.3” (13.5 cm) 4-9531T

Micro Pierce tips – 7.25” (18.5 cm) 4-9532T

Round Handle w/ Counter Balance

Micro Pierce tips – 8.25” (21 cm) 4-9533T

JEWELER STYLE

Straight TC Coated

Straight TC Coated

0.30 mm w/TC Coated tips – 4.3” (11 cm) 4-1806T

0.30 mm w/TC Coated tips – 4.7” (12 cm) 4-1808T

0.30 mm w/TC Coated tips – 5.3” (13.5 cm) 4-1809T

0.30 mm w/TC Coated tips – 7” (18 cm) 4-1810T

0.08×0.04 mm tips w/TC Coated tips – 4.375” (11 cm) 4-1807T

Straight Platform

0.30 mm tips Tying platform – 4.375” (11 cm) 4-1812T

0.30 mm tips w/TC Coated tying platform – 5.3” (13.5 cm) 4-1811T

Curved TC Coated

0.30 mm w/TC Coated tips – 4.3” (11 cm) 4-1814T

0.30 mm w/TC Coated tips – 5.3” (13.5 cm) 4-1815T
**JEWELER STYLE**

- **Curved TC Platform**
  - Flat Handle
  - Curved TC Coated
  - 0.30 mm tips w/TC Coated tying platform – 5.3” (13.5 cm) 4-1816T

- **Curved TC Coated**
  - 0.17×0.10 mm tips w/TC Coated tips – 4.6” (11.7 cm) 4-1817T

**VESSEL DILATOR**

- **Flat Handle**
  - **Straight**
  - 0.30 mm tips – 4.5” (11 cm) 4-6121T

- **Angled**
  - 0.30 mm tips – 4.5” (11 cm) 4-6122T

- **Round Handle**
  - **Straight**
  - 0.30 mm tips – 4.75” (12 cm) 4-6131T

- **Angled**
  - 0.30 mm tips – 4.75” (12 cm) 4-6132T
MICRO CONCAVE

- **Straight TC w/Concave/Convex**
  - 0.40 mm TC Coated Concave/Convex tips – 5.1” (13 cm)  
  - 0.40 mm TC Coated w/Concave/Convex tips – 5.1” (13 cm)  
  - 0.40 mm TC Coated Concave/Convex tips – 6.3” (16 cm)  
  - 0.40 mm TC Coated w/Concave/Convex tips – 6.3” (16 cm)
  - 4-1001T
  - 4-1002T
  - 4-1003T
  - 4-1004T

- **Curved TC w/Concave/Convex**
  - 0.40 mm TC Coated Concave/Convex tips – 5.1” (13 cm)  
  - 0.40 mm TC Coated w/Concave/Convex tips – 5.1” (13 cm)  
  - 0.40 mm TC Coated Concave/Convex tips – 6.3” (16 cm)  
  - 0.40 mm TC Coated w/Concave/Convex tips – 6.3” (16 cm)
  - 4-1005T
  - 4-1006T
  - 4-1007T
  - 4-1008T

- **Round Handle**
  - 0.50 mm tips w/TC Coated tying platform – 5.1” (13 cm)  
  - 0.50 mm tips w/TC Coated tying platform – 6.3” (16 cm)
  - 4-1009T
  - 4-1010T

- **Straight TC Platform**
  - 0.50 mm tips w/TC Coated tying platform – 5.1” (13 cm)  
  - 0.50 mm tips w/TC Coated tying platform – 6.3” (16 cm)
  - 4-1011T
  - 4-1012T

- **Curved TC Platform**
  - 0.50 mm tips w/TC Coated tying platform – 6” (15.2 cm)  
  - 0.50 mm tips w/TC Coated tying platform – 7” (18 cm)
  - 4-1013T
  - 4-1014T

MICRO TYING

- **Straight TC Platform**
  - 0.40 mm tips w/TC Coated tying platform – 6” (15.2 cm)  
  - 0.40 mm tips w/TC Coated tying platform – 7” (18 cm)
  - 4-1015T
  - 4-1016T
MICRO

Straight Smooth

- Smooth 0.40 mm tips – 6.1” (15.5 cm)  4-1020T
- Smooth 0.40 mm tips – 6.9” (17.5 cm)  4-1022T

Straight TC Coated

- 0.40 mm TC Coated tips – 6.1” (15.5 cm)  4-1021T
- 0.40 mm TC Coated tips – 6.9” (17.5 cm)  4-1023T

Curved Smooth

- Smooth 0.40 mm tips – 6.1” (15.5 cm)  4-1024T
- Smooth 0.40 mm tips – 6.9” (17.5 cm)  4-1026T

Curved TC Coated

- 0.40 mm TC Coated tips – 6.1” (15.5 cm)  4-1025T
- 0.40 mm TC Coated tips – 6.9” (17.5 cm)  4-1027T

MICRO TYING

Straight TC Platform

- 0.40 mm tips w/TC Coated tying platform – 6.1” (15.5 cm)  4-1031T
- 0.40 mm tips w/TC Coated tying platform – 6.9” (17.5 cm)  4-1033T

Straight Platform

- 0.40 mm tips w/Tying platform – 6.1” (15.5 cm)  4-1030T
- 0.40 mm tips w/Tying platform – 6.9” (17.5 cm)  4-1032T
**MICRO TYING**

0.40 mm tips w/TC Coated tying platform – 6.1” (15.5 cm)  
4-1035T

0.40 mm tips w/TC Coated tying platform – 6.9” (17.5 cm)  
4-1037T

0.40 mm tips w/Tying platform – 6.1” (15.5 cm)  
4-1034T

0.40 mm tips w/Tying platform – 6.9” (17.5 cm)  
4-1036T

**I.M.A.**

0.50 mm tips, Micro 0.25 mm 1x2 teeth, w/TC Coated tying platform – 6” (15 cm)  
4-1183T

0.50 mm tips, Micro 0.25 mm 1x2 teeth, w/TC Coated tying platform – 7.25” (18.5 cm)  
4-1184T

0.50 mm tips, Micro 0.25 mm 1x2 teeth – 8.25” (21 cm)  
4-1185T

0.35 mm tips, Micro 0.07 mm 1x2 teeth – 10” (18.5 cm)  
4-1186T

0.50 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform – 7.25” (18.5 cm)  
4-1187T

0.50 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform – 8.25” (21 cm)  
4-1188T

0.50 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform – 7.25” (18.5 cm)  
4-1224T

0.50 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform – 8.25” (21 cm)  
4-1225T
I.M.A.

1 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform – 7.25” (18.5 cm)  
4-1226T

1 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform – 8.25” (21 cm)  
4-1227T

1 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform – 8.25” (23 cm)  
4-1230T

1 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform – 8.25” (25 cm)  
4-1231T

1 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform – 7.25” (18.5 cm)  
4-1228T

1 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform – 8.25” (21 cm)  
4-1229T

1 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform – 7.25” (18.5 cm)  
4-1189T

1 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform – 8.25” (21 cm)  
4-1190T

I.M.A. BAYONET

0.50 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform – 8.25” (21 cm)  
4-1194T
MICRO LEGACY

Round Handle
- Straight TC Coated
  - 0.50 mm TC Coated tips – 7.25” (18.5 cm)
  - 0.50 mm TC Coated tips – 8.25” (21 cm)
  - 0.50 mm TC Coated tips – 10” (25 cm)
  - Codes: 4-1041T, 4-1042T, 4-1043T
- Straight Serrated
  - 1 mm Serrated tips – 7.25” (18.5 cm)
  - 1 mm Serrated tips – 8.25” (21 cm)
  - Codes: 4-1046T, 4-1047T
- Round Handle w/ Counter Balance
  - Straight Serrated
    - 1 mm Serrated tips – 7.25” (18.5 cm)
    - 1 mm Serrated tips – 8.25” (21 cm)
    - Codes: 4-1044T, 4-1045T

MICRO SUTURE PLATFORM

Round Handle w/ Counter Balance
- Straight TC Platform
  - 0.50 mm tips w/TC Coated tying platform – 6” (15 cm)
  - 0.50 mm tips w/TC Coated tying platform – 7.25” (18.5 cm)
  - 0.50 mm tips w/TC Coated tying platform – 8.25” (21 cm)
  - 0.50 mm tips w/TC Coated tying platform – 10” (25 cm)
  - 0.40 mm fine tips w/TC Coated tying platform – 10” (25 cm)
  - Codes: 4-8001T, 4-8002T, 4-8003T, 4-8004T, 4-8005T
- Curved TC Platform
  - 0.50 mm tips w/TC Coated tying platform – 6” (15 cm)
  - 0.50 mm tips w/TC Coated tying platform – 7.25” (18.5 cm)
  - 0.50 mm tip w/TC Coated tying platform – 10” (25 cm)
  - 0.50 mm tip w/TC Coated tying platform – 8 25” (21 cm)
  - Codes: 4-8006T, 4-8007T, 4-8008T, 4-8009T
MICRO SUTURE PLATFORM

0.50 mm tips w/TC Coated tying platform – 4.75” (12 cm) 4-8011T
0.50 mm tips w/TC Coated tying platform – 6” (15 cm) 4-8012T
0.50 mm tips w/TC Coated tying platform – 7.25” (18.5 cm) 4-8013T
0.50 mm tips w/TC Coated tying platform – 8.25” (21 cm) 4-8014T
0.50 mm tips w/TC Coated tying platform – 10” (25 cm) 4-8015T

0.50 mm tips w/TC Coated tying platform – 4.75” (12 cm) 4-8016T
0.50 mm tips w/TC Coated tying platform – 6” (15 cm) 4-8017T
0.50 mm tips w/TC Coated tying platform – 7.25” (18.5 cm) 4-8018T
0.50 mm tips w/TC Coated tying platform – 8.25” (21 cm) 4-8019T

RING TIP PLATFORM

1 mm rings w/TC Coated platform – 7.25” (18.5 cm) 4-8641T
1 mm rings w/TC Coated platform – 8.25” (21 cm) 4-8642T
1.80 mm rings w/TC Coated platform – 7.25” (18.5 cm) 4-8643T
1.80 mm rings w/TC Coated platform – 8.25” (21 cm) 4-8644T
2.50 mm rings w/TC Coated platform – 7.25” (18.5 cm) 4-8645T
2.50 mm rings w/TC Coated platform – 8.25” (21 cm) 4-8646T
1 mm rings w/TC Coated platform – 9” (23 cm) 4-8647T

RING TIP

1 mm TC Coated rings – 6” (15 cm) 4-8621T
1 mm TC Coated rings – 7.25” (18.5 cm) 4-8622T
1 mm TC Coated rings – 8.25” (21 cm) 4-8624T
1 mm TC Coated rings – 10” (25 cm) 4-8626T
2.50 mm TC Coated rings – 10” (25 cm) 4-8627T

2 mm TC Coated rings – 6” (15 cm) 4-8628T
2 mm TC Coated rings – 7.25” (18.5 cm) 4-8629T
**BAYONET RING TIP**

- Flat Bayonet Handle
  - Straight TC Rings
  - 1 mm TC Coated rings – 8.5” (21.5 cm) 4-8648T
  - Straight d 1.25 x d 0.6 tips 10 mm TC Coated platform – 8.7” (22 cm) 4-5074T

**GERALD RING TIP**

- Flat Handle
  - Straight TC Rings
  - 1 mm TC Coated rings – 7.25” (18.5 cm) 4-1300T
  - 1 mm TC Coated rings – 8.25” (21 cm) 4-1301T
  - 1 mm TC Coated rings – 10” (25 cm) 4-1302T
  - 1.30 mm TC Coated rings – 5.9” (15 cm) 4-1303T
  - 1.30 mm TC Coated rings – 7” (18 cm) 4-1332T
  - 1.30 mm TC Coated rings – 8” (20 cm) 4-1352T
  - 1.30 mm TC Coated rings – 9” (23 cm) 4-1362T
  - 1.30 mm TC Coated rings – 10” (25 cm) 4-1372T

- Round Handle
  - 1 mm tips – 6” (15 cm) 4-5061T
  - 1 mm tips – 7.25” (18.5 cm) 4-5062T
  - 1 mm tips – 8.25” (21 cm) 4-5063T
  - 1 mm tips – 10” (25 cm) 4-5064T
  - 1.20 mm tips, 24 mm platform – 6.9” (17.5 cm) 4-5060T*
**DeBAKEY TISSUE**

1 mm tips – 7.25" (18.5 cm)  
1 mm tips – 8.25" (21 cm)  
1 mm tips – 10" (25 cm)  
1.50 mm tips – 7.25" (18.5 cm)  
1.50 mm tips – 8.25" (21 cm)  

4-5101T  
4-5102T  
4-5104T  
4-5105T  
4-5106T

1 mm tips – 7.75" (19.5 cm)  
2 mm tips – 7.75" (19.5 cm)  

4-5107T  
4-5108T

1 mm tips – 7.75" (19.5 cm)  
1 mm tips – 9.5" (24 cm)  
1.50 mm tips – 7.75" (19.5 cm)  
1.50 mm tips – 8.25" (21 cm)  
1.50 mm tips – 9.5" (24 cm)  
2.50 mm tips – 7.75" (19.5 cm)  
2.50 mm tips – 8.25" (21 cm)  
2.50 mm tips – 9.5" (24 cm)  
3.50 mm tips – 7.75" (19.5 cm)  

4-5109T  
4-5110T  
4-5111T  
4-5112T  
4-5113T  
4-5114T  
4-5115T  
4-5116T  
4-5117T

**DeBAKEY TISSUE**

1 mm tips – 6" (15 cm)  
1 mm tips – 7.75" (19.5 cm)  
1 mm tips – 9.5" (24 cm)  
1.20 mm tips, 22 mm platform – 6.1" (15.5 cm)  
1.20 mm tips, 22 mm platform – 7.7" (19.5 cm)  
1.20 mm tips, 22 mm platform – 9.4" (24 cm)  
1.50 mm tips – 6" (15 cm)  
1.50 mm tips – 7.75" (19.5 cm)  
1.50 mm tips – 8.25" (21 cm)  
1.50 mm tips – 9.5" (24 cm)  
1.50 mm tips – 12" (30.5 cm)  
2 mm tips – 12" (30.5 cm)  
2.20 mm tips, 22 mm platform – 6.1" (15.5 cm)  
2.20 mm tips, 22 mm platform – 7.7" (19.5 cm)  
2.20 mm tips, 22 mm platform – 9.4" (24 cm)  
2.50 mm tips – 6" (15 cm)  
2.50 mm tips – 7.75" (19.5 cm)  
2.50 mm tips – 8.25" (21 cm)  
2.50 mm tips – 9.5" (24 cm)  

4-5118T  
4-5119T  
4-5120T  
4-5056T  
4-5057T  
4-5058T  
4-5121T  
4-5122T  
4-5123T  
4-5124T  
4-5125T  
4-5126T  
4-5050T  
4-5052T  
4-5054T  
4-5127T  
4-5128T  
4-5129T  
4-5130T
DeBAKEY TISSUE

- Flat Handle
  - Angled 45° DeBakey:
    - 2.20 mm tips, 22 mm platform – 6.1” (15.5 cm) — 4-5051T
    - 2.20 mm tips, 22 mm platform – 7.7” (19.5 cm) — 4-5053T
    - 2.20 mm tips, 22 mm platform – 9.4” (24 cm) — 4-5055T
    - 2.50 mm tips – 6” (15 cm) — 4-5131T
    - 2.50 mm tips – 7.75” (19.5 cm) — 4-5132T
    - 2.50 mm tips – 9.5” (24 cm) — 4-5134T

DeBAKEY

- Round Handle w/ Counter Balance
  - Straight DeBakey Platform:
    - 1 mm tips w/TC Coated tying platform – 7.25” (18.5 cm) — 4-5135T
    - 1 mm tips w/TC Coated tying platform – 8.25” (21 cm) — 4-5136T
    - 1.20 mm tips, 16 mm platform – 6.1” (15.5 cm) — 4-5020T
    - 1.20 mm tips, 17 mm platform – 6.9” (17.5 cm) — 4-5023T
    - 1.20 mm tips, 17 mm platform – 8.3” (21 cm) — 4-5024T

DeBAKEY BAYONET

- Flat Bayonet Handle
  - Straight DeBakey:
    - 1 mm tips – 8.25” (21.5 cm) — 4-6141T
  - Straight TC Platform:
    - 1 mm tips w/TC Coated platform – 8.25” (21.5 cm) — 4-6142T
DeBAKEY NEEDLE PULLING TISSUE

1.50 mm TC Coated tips – 7.25” (18.5 cm) 4-1201T
1.50 mm TC Coated tips – 8.25” (21 cm) 4-1202T
2 mm TC Coated tips – 7.25” (18.5 cm) 4-1203T
2 mm TC Coated tips behind the 6 mm atraumatic jaws for secure needle pulling action – 8” (20 cm) 4-1221T

2 mm TC Coated tips the 6 mm atraumatic jaws for secure needle pulling action – 8” (20 cm) 4-1222T

1.50 mm TC Coated tips – 6” (15 cm) 4-1204T
1.50 mm TC Coated tips – 7.75” (19.5 cm) 4-1205T
1.50 mm TC Coated tips – 9.5” (24 cm) 4-1206T
2 mm TC Coated tips – 6” (15 cm) 4-1207T
2 mm TC Coated tips – 7.75” (19.5 cm) 4-1208T
2 mm TC Coated tips – 9.5” (24 cm) 4-1209T
2.70 mm TC Coated tips – 6” (15 cm) 4-1210T
2.70 mm TC Coated tips – 7.75” (19.5 cm) 4-1211T
2.70 mm TC Coated tips – 9.5” (24 cm) 4-1212T
3.50 mm TC Coated tips – 6” (15 cm) 4-1213T
3.50 mm TC Coated tips – 7.75” (19.5 cm) 4-1214T
3.50 mm TC Coated tips – 9.5” (24 cm) 4-1215T

COOLEY ATRAUMATIC

1.50 mm Atraumatic tips – 6.2” (15.5 cm) 4-5501T
1.50 mm Atraumatic tips – 8” (20 cm) 4-5502T
1.50 mm Atraumatic tips – 9.5” (24 cm) 4-5503T
1.50 mm Atraumatic tips – 12” (30 cm) 4-5504T
RESANO VASCULAR

Atraumatic tips – 7.25" (18.5 cm) 4-1701T
Atraumatic tips – 8.25" (21 cm) 4-1702T
Atraumatic tips – 9.5" (24 cm) 4-1703T
Atraumatic tips – 12.75" (32 cm) 4-1704T

Narrow double row of fine serrations on each tips – 7" (18 cm) 4-1711T
Narrow double row of fine serrations on each tips – 9" (23 cm) 4-1712T

GERALD

0.70 mm, Fine Serrated tips – 7" (17.5 cm) 4-0900T

1 mm Serrated tips – 7" (17.5 cm) 4-0901T
1 mm Serrated tips – 8.25" (21 cm) 4-0907T
1 mm Serrated tips – 10" (25 cm) 4-0908T
1.50 mm Serrated tips – 12.2" (30.5 cm) 4-0909T
2 mm Serrated tips – 14" (35.5 cm) 4-0910T

0.70 mm, Fine TC Coated tips – 7" (17.5 cm) 4-0902T
1 mm TC Coated tips – 7" (17.5 cm) 4-0903T

Fine tip w/1×2 teeth – 7" (17.5 cm) 4-0904T
GERALD

1×2 Teeth

1×2 teeth – 7" (17.5 cm) 4-0905T

Cross Serrated

Cross Serrated tips – 7.75" (19.5 cm) 4-0906T

Flat Handle

0.70 mm tips X-Serrated – 8.25" (21 cm) 4-0915T

Straight X-Serrated

1 mm Serrated tips – 7" (17.5 cm) 4-0911T

Curved Serrated

1×2 teeth – 7" (17.5 cm) 4-0912T

Curved 1×2 Teeth

0.70 mm, Fine TC Coated tips – 7.25" (18.5 cm) 4-0920T
0.70 mm, Fine TC Coated tips – 8.25" (21 cm) 4-0921T

Flat and Round Handle

Straight Fine TC Coated

1 mm TC Coated tips – 7.25" (18.5 cm) 4-0922T

Straight TC Coated

1 mm TC Coated tips – 8.25" (21 cm) 4-0923T
**GERALD PLATFORM**

- **Flat Handle**
  - 0.70 mm, Fine tips w/TC Coated tying platform – 7.25” (18.5 cm) 4-0924T
  - 0.70 mm, Fine tips w/TC Coated tying platform – 8.25” (21 cm) 4-0925T
  - 1 mm tips w/TC Coated tying platform – 7.25” (18.5 cm) 4-0926T
  - 1 mm tips w/TC Coated tying platform – 8.25” (21 cm) 4-0927T

- **Round Handle**
  - 0.60 mm w/TC Coated platform – 5.9” (15 cm) 4-1133T
  - 0.70 mm w/TC Coated platform – 7” (18 cm) 4-1153T
  - 0.50 mm w/TC Coated platform – 8.2” (21 cm) 4-1154T

- **Curved TC Platform**
  - 0.60 mm w/TC Coated platform – 5.9” (15 cm) 4-1123T
  - 0.70 mm w/TC Coated platform – 7” (18 cm) 4-1143T
  - 0.50 mm w/TC Coated platform – 8.2” (21 cm) 4-1154T

**MCINDOE DRESSING**

- **Flat Handle**
  - 1 mm Serrated tips – 6” (15 cm) 4-0705T
  - 1 mm 1x2 teeth Serrated tips – 6” (15 cm) 4-0702T
  - 1 mm Smooth tips – 6” (15 cm) 4-0704T
DAVIS VASCULAR

Angled Serrated Handle
Serrated tips – 8” (20 cm)  4-0707T

CUSHING

Flat Fluted Handle
Serrated tips – 7” (18 cm)  4-1506T

Flat Serrated Handle
Serrated tips – 7” (18 cm)  4-1507T

Flat Handle
1 mm Serrated tips – 7” (18 cm)  4-1511T
Serrated tips – 8” (20 cm)  4-1508T

Curved Serrated Handle
1.40 mm Serrated tips – 7” (18 cm)  4-1512T
GILLES TISSUE

1×2 teeth w/Serrated tips – 6" (15 cm)  4-0706T

THUMB DRESSING

1 mm TC Coated tips – 6.25" (16 cm)  4-1175T
1 mm TC Coated tips – 7.375" (18.8 cm)  4-1176T
1 mm TC Coated tips – 8" (20 cm)  4-1177T
1 mm TC Coated tips – 9.4" (24 cm)  4-1178T
2 mm TC Coated tips – 6.25" (16 cm)  4-1179T
2 mm TC Coated tips – 7.375" (18.8 cm)  4-1180T
2 mm TC Coated tips – 8" (20 cm)  4-1181T
2 mm TC Coated tips – 9.4" (24 cm)  4-1182T
1 mm TC Coated tips – 5.9" (15 cm)  4-1601T
1 mm TC Coated tips – 7" (18 cm)  4-1631T
1 mm TC Coated tips – 8" (20 cm)  4-1651T
1 mm TC Coated tips – 9.5" (24.2 cm)  4-1661T
2 mm TC Coated tips – 5.9" (15 cm)  4-1602T
2 mm TC Coated tips – 7" (18 cm)  4-1632T
2 mm TC Coated tips – 8" (20 cm)  4-1652T
2 mm TC Coated tips – 9.5" (24.2 cm)  4-1662T
GILLIES THUMB DRESSING

- **Straight Cross Serrated**
  - Flat Handle
  - 1 mm Cross Serrated tips – 8” (20 cm)
  - 2 mm Cross Serrated tips – 8” (20 cm)
  - 4-0801T
  - 4-0803T

- **Straight TC Coated**
  - Flat Handle
  - 1 mm TC Coated tips – 8” (20 cm)
  - 2 mm TC Coated tips – 8” (20 cm)
  - 4-0802T
  - 4-0804T

BARAYA DISSECTING

- **Straight 2×3 Teeth**
  - Flat Handle
  - 2×3 teeth – 8” (20 cm)
  - 4-1622T
### MICRO BAYONET

<table>
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<tr>
<th>Tip Size</th>
<th>Length</th>
<th>Code</th>
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<td>6&quot; (15 cm)</td>
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<td>10.25&quot; (26 cm)</td>
<td>4-1051T</td>
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<tr>
<td>0.50 mm tips</td>
<td>8.5&quot; (21.5 cm)</td>
<td>4-1052T</td>
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<tr>
<td>0.50 mm tips</td>
<td>10.25&quot; (26 cm)</td>
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<td>0.75 mm Blunt tips</td>
<td>8.25&quot; (21.5 cm)</td>
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<td>1 mm tips</td>
<td>8.5&quot; (21.5 cm)</td>
<td>4-1058T</td>
</tr>
<tr>
<td>1.50 mm tips</td>
<td>8.5&quot; (21.5 cm)</td>
<td>4-1059T</td>
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<tr>
<td>1.50 mm tips</td>
<td>10.25&quot; (26 cm)</td>
<td>4-1060T</td>
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<tr>
<td>0.75 mm Blunt TC Coated tips</td>
<td>8.5&quot; (21.5 cm)</td>
<td>4-1055T</td>
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<tr>
<td>0.75 mm tips w/1x2 teeth</td>
<td>8.5&quot; (21.5 cm)</td>
<td>4-1056T</td>
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<tr>
<td>0.75 mm Blunt tips w/1x2 teeth</td>
<td>8.25 (21.5 cm)</td>
<td>4-1057T</td>
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<tr>
<td>0.50 mm Blunt tips</td>
<td>8.25&quot; (21 cm)</td>
<td>4-1061T</td>
</tr>
<tr>
<td>0.75 mm Blunt tips</td>
<td>8.25&quot; (21 cm)</td>
<td>4-1062T</td>
</tr>
</tbody>
</table>
MICRO BAYONET

0.50 mm Blunt tips – 8.25” (21 cm)  
4-1063T

0.75 mm Blunt tips – 8.25” (21 cm)  
4-1064T

0.50 mm tips – 8.5” (21.5 cm)  
1 mm tips – 8.5” (21.5 cm)  
4-1065T  
4-1066T

0.50 mm Tumor ring tips – 8.5” (21.5 cm)  
4-1067T

4 mm Serrated ring tips – 7.25” (18.5 cm)  
4-1068T
CUSHING DRESSING BAYONET

1 mm tips – 8.25” (21.5 cm) 4-0710T

1 mm tips w/TC Coated platform – 8.25” (21.5 cm) 4-0711T

1 mm tips w/TC Coated rings – 8.25” (21.5 cm) 4-0712T

Bayonet shafts with 12 mm serrated tips and 1×2 teeth, 6.5 cm from tip to bend – 6.3” (16 cm) 4-0751T

0.50 mm TC Coated platform – 8.3” (21 cm) 4-5072T

1.20 mm tips, 23 mm platform – 8.7” (22 cm) 4-5075T

0.50 mm TC Coated platform – 8.3” (21 cm) 4-5073T
ADSON HYPOPHYSEAL

**Straight Cups**
- 6 mm Cup tip – 9” (23 cm)  
  - 4-0410T

**Curved Up Cups**
- 6 mm Cup tip – 9” (23 cm)  
  - 4-0411T

**Curved Down Cups**
- 6 mm Cup tip – 9” (23 cm)  
  - 4-0412T

CUSHING DRESSING

**Straight Serrated**
- Serrated tips w/Dissector tips – 7.25” (18.5 cm)  
  - 4-0450T

**Flat Bayonet**
- 4-0451T

**Straight 1×2 Teeth**
- 1×2 teeth w/Dissector tips – 7.25” (18.5 cm)  
  - 4-0451T
SYNAPSE RESANO

Round Handle w/ Counter Balance

- Atraumatic tips – 8.25" (21 cm) 4-9501T
- Atraumatic tips – 10" (25 cm) 4-9502T
- Atraumatic tips – 12" (30.5 cm) 4-9503T

SYNAPSE MICRO SUTURE PLATFORM

Round Handle w/Counter Balance

- Straight TC platform
  - 0.50 mm tips w/TC Coated tying platform – 7.25" (18.5 cm) 4-8501T
  - 0.50 mm tips w/TC Coated tying platform – 8.25" (21 cm) 4-8502T
  - 0.50 mm tips w/TC Coated tying platform – 10" (25 cm) 4-8503T
  - 0.50 mm tips w/TC Coated tying platform – 12" (30.5 cm) 4-8504T

- Curved TC platform
  - 0.40 mm tips w/TC Coated tying platform – 7.25" (18.5 cm) 4-8505T
  - 0.40 mm tips w/TC Coated tying platform – 8.25" (21 cm) 4-8506T
  - 0.40 mm tips w/TC Coated tying platform – 10" (25 cm) 4-8507T
  - 0.40 mm tips w/TC Coated tying platform – 12" (30.5 cm) 4-8508T

SYNAPSE BAYONET RING TIPS

Round Bayonet Handle w/ Counter Balance

- Straight TC Rings
  - 1 mm TC coated rings – 8.25" (21 cm) 4-1191T
  - 1.80 mm TC coated rings – 8.25" (21 cm) 4-1192T
SYNAPSE RING TIP

- 1 mm tips, TC Coated rings – 7.25" (18.5 cm) 4-8531T
- 1 mm tips, TC Coated rings – 8.25" (21 cm) 4-8532T
- 1 mm tips, TC Coated rings – 10" (25 cm) 4-8534T
- 1 mm tips, TC Coated rings – 12" (30.5 cm) 4-8535T
- 1.80 mm tips, TC Coated rings – 7.25" (18.5 cm) 4-8536T
- 1.80 mm tips, TC Coated rings – 8.25" (21 cm) 4-8537T
- 1.80 mm tips, TC Coated rings – 10" (25 cm) 4-8538T
- 1.80 mm tips, TC Coated rings – 12" (30.5 cm) 4-8539T
- 2.50 mm tips, TC Coated rings – 7.25 (18.5 cm) 4-8540T
- 2.50 mm tips, TC Coated rings – 8.25 (21 cm) 4-8541T

SYNAPSE BAYONET I.M.A.

- 0.50 mm tips, Micro 0.25 mm 1x2 teeth 4-1193T
  w/TC-Coated tying platform, Double-action – 8.25" (21 cm)
1 mm tips – 7.25” (18.5 cm)  4-8550T
1 mm tips – 8.25” (21 cm)  4-8551T
1 mm tips – 10” (25 cm)  4-8552T
1 mm tips – 12” (30.5 cm)  4-8553T
1 mm tips – 12.5” (31.8 cm)  4-8554T
1.50 mm tips – 7.25” (18.5 cm)  4-8555T
1.50 mm tips – 8.25” (21 cm)  4-8556T
1.50 mm tips – 10” (25 cm)  4-8557T
1.50 mm tips – 12” (30.5 cm)  4-8558T
2.50 mm tips – 7.25” (18.5 cm)  4-8559T
2.50 mm tips – 8.25” (21 cm)  4-8560T
2.50 mm tips – 10” (25 cm)  4-8561T
2.50 mm tips – 12” (30.5 cm)  4-8562T
2.50 mm tips – 16” (40.5 cm)  4-8563T
1 mm tips w/Tc coated tying platform – 7.25” (18.5 cm)  4-8564T
1 mm tips w/Tc coated tying platform – 8.25” (21 cm)  4-8565T
1 mm tips w/Tc coated tying platform – 10” (25 cm)  4-8566T
1 mm tips w/Tc coated tying platform – 12” (30.5 cm)  4-8567T
2.50 mm tips w/Tc coated tying platform – 12” (30.5 cm)  4-8568T
2.50 mm tips w/Tc coated tying platform – 16” (40.5 cm)  4-8569T
1 mm tips w/Tc coated platform in middle – 7.25” (18.5 cm)  4-8560T
1 mm tips w/Tc coated platform in middle – 8.25” (21 cm)  4-8561T
1 mm tips w/Tc coated platform in middle – 10” (25 cm)  4-8562T
2.50 mm tips w/Tc coated platform in middle – 10” (25 cm)  4-8563T
SYNAPSE I.M.A.

- 1 mm tips, 1x2 teeth w/TC coated tying platform – 8.25” (18.5 cm) 4-1195T
- 1 mm tips, 1x2 teeth w/TC coated tying platform – 8.25” (21 cm) 4-1196T
- 1 mm tips, 1x2 teeth w/TC coated tying platform – 8.25” (25 cm) 4-1197T
- 1 mm tips, 1x2 teeth w/TC coated tying platform – 8.25” (30.5 cm) 4-1198T

- 1 mm tips, 1x2 teeth w/TC coated tying platform – 8.25” (18.5 cm) 4-1199T
- 1 mm tips, 1x2 teeth w/TC coated tying platform – 8.25” (21 cm) 4-1200T
- 1 mm tips, 1x2 teeth w/TC coated tying platform – 8.25” (25 cm) 4-1216T
- 1 mm tips, 1x2 teeth w/TC coated tying platform – 8.25” (30.5 cm) 4-1217T

- 1 mm tips, 1x2 teeth w/TC coated tying platform – 8.25” (18.5 cm) 4-1218T
- 1 mm tips, 1x2 teeth w/TC coated tying platform – 8.25” (21 cm) 4-1219T
- 1 mm tips, 1x2 teeth w/TC coated tying platform – 8.25” (25 cm) 4-1220T
- 1 mm tips, 1x2 teeth w/TC coated tying platform – 8.25” (30.5 cm) 4-1223T

TOLEDO MICRO TYING

- 0.30 mm TC Coated tips – 5” (13 cm) 4-1069T
- 0.40 mm TC Coated tips – 5.9” (15 cm) 4-1071T
- 0.50 mm TC Coated tips – 7” (18 cm) 4-1073T
- 0.80 mm TC Coated tips – 7” (18 cm) 4-1075T

- 0.30 mm TC Coated tips – 5” (13 cm) 4-1070T
- 0.40 mm TC Coated tips – 5.9” (15 cm) 4-1072T
- 0.50 mm TC Coated tips – 7” (18 cm) 4-1074T
- 0.80 mm TC Coated tips – 7” (18 cm) 4-1076T
TOLEDO MICRO

0.50 mm TC Coated tips – 5.9” (15 cm) 4-1077T
0.50 mm TC Coated tips – 7.25” (18.5 cm) 4-1078T
0.50 mm TC Coated tips – 8.25” (21 cm) 4-1079T
0.50 mm TC Coated tips – 9” (23 cm) 4-1080T
0.50 mm TC Coated tips – 10” (25.5 cm) 4-1081T
0.80 mm TC Coated tips – 5.9” (15 cm) 4-1082T
0.80 mm TC Coated tips – 7.25” (18.5 cm) 4-1083T
0.80 mm TC Coated tips – 8.25” (21 cm) 4-1084T
0.80 mm TC Coated tips – 9” (23 cm) 4-1085T
0.80 mm TC Coated tips – 7” (25.5 cm) 4-1086T

0.50 mm TC Coated tips – 5.9” (15 cm) 4-1087T
0.50 mm TC Coated tips – 7.25” (18.5 cm) 4-1088T
0.50 mm TC Coated tips – 8.25” (21 cm) 4-1089T
0.50 mm TC Coated tips – 9” (23 cm) 4-1090T
0.50 mm TC Coated tips – 10” (25.5 cm) 4-1091T
0.80 mm TC Coated tips – 5.9” (15 cm) 4-1092T
0.80 mm TC Coated tips – 7.25” (18.5 cm) 4-1093T
0.80 mm TC Coated tips – 8.25” (21 cm) 4-1094T
0.80 mm TC Coated tips – 9” (23 cm) 4-1095T
0.80 mm TC Coated tips – 7” (25.5 cm) 4-1096T

TOLEDO MICRO RING TIP

1.10 mm TC Coated rings – 5.9” (15 cm) 4-8657T
1.20 mm TC Coated rings – 7.25” (18.5 cm) 4-8649T
1.20 mm TC Coated rings – 8.25” (21 cm) 4-8650T
1.20 mm TC Coated rings – 9” (23 cm) 4-8651T
1.20 mm TC Coated rings – 10” (25.5 cm) 4-8652T

1.10 mm TC Coated rings – 5.9” (15 cm) 4-8658T
1.20 mm TC Coated rings – 7.25” (18.5 cm) 4-8653T
1.20 mm TC Coated rings – 8.25” (21 cm) 4-8654T
1.20 mm TC Coated rings – 9” (23 cm) 4-8655T
1.20 mm TC Coated rings – 10” (25.5 cm) 4-8656T
### TOLEDO MICRO TISSUE

**Straight 1x2 Teeth**

- 0.60 mm tips w/1x2 teeth – 7” (18 cm)  
  - 4-1159T
- 0.60 mm tips w/1x2 teeth – 8” (20 cm)  
  - 4-1160T

### TOLEDO DeBAKEY

**Straight DeBakey**

- 1 mm tips – 7” (18 cm)  
  - 4-1163T
- 1 mm tips – 8.25” (21 cm)  
  - 4-1164T
- 1.50 mm tips – 7” (18 cm)  
  - 4-1165T
- 1.50 mm tips – 8.25” (21 cm)  
  - 4-1166T
- 2 mm tips – 7” (18 cm)  
  - 4-1167T
- 2 mm tips – 8.25” (21 cm)  
  - 4-1168T

### TOLEDO MICRO DeBAKEY

**Straight DeBakey**

- 0.60 mm tips – 7” (18 cm)  
  - 4-1161T
- 0.60 mm tips – 8.25” (21 cm)  
  - 4-1162T

### OCHSNER HEMOSTATIC

**90° Angled Serrated**

- Serrated tips – 4.5” (11.5 cm)  
  - 4-0713T
ROCHESTER-OCHSNER HEMOSTATIC

- Straight Serrated
  - Serrated tips – 5.5" (14 cm)
  - Serrated tips – 8" (20 cm)
  - Serrated tips – 9" (23 cm)

- Curved Serrated
  - Serrated tips – 5.5" (14 cm)
  - Serrated tips – 8" (20 cm)
  - Serrated tips – 9" (23 cm)

BAILEY HEMOSTATIC

- Angled 30° Serrated
  - Serrated tips – 7" (18 cm)

- Angled 60° Serrated
  - Serrated tips – 7" (18 cm)

- Angled 90° Serrated
  - Serrated tips – 7" (18 cm)
**WATERSON DISSECTOR HEMOSTATIC**

- Curved Serrated
  - Ring Handle
  - Serrated tips – 6” (15 cm)
  - Serrated tips – 6.75” (17 cm)
  - 4-0430T
  - 4-0431T

- 90° Angled Serrated
  - Ring Handle
  - Serrated tips – 6” (15 cm)
  - Serrated tips – 6.75” (17 cm)
  - 4-0432T
  - 4-0433T

**DENNIS BROWNE DISSECTOR HEMOSTATIC**

- Curved Serrated
  - Ring Handle
  - Serrated tips – 8” (20 cm)
  - 4-0440T

- 90° Angled Serrated
  - Ring Handle
  - Serrated tips – 8” (20 cm)
  - 4-0441T
HARTMANN MOSQUITO HEMOSTATIC

- Straight Serrated
  - Ring Handle
  - Curved Serrated
  - Serrated tips – 3.9” (10 cm)

- Serrated tips – 3.9” (10 cm)
  - 4-6101T

VASCULAR-MOSQUITO HEMOSTATIC

- Straight Serrated
- Serrated tips – 5” (12.7 cm)
  - 4-4114T

- Straight Serrated 1x2 Teeth
  - Serrated tips w/1x2 teeth – 5” (12.7 cm)
    - 4-4115T

- Curved Serrated
  - Delicate Serrated tips – 4.75” (12 cm)
  - Serrated tips – 5” (12.7 cm)
    - 4-4116T
    - 4-4117T
VASCULAR- MOSQUITO HEMOSTATIC

- Full Curved Serrated tips – 5" (12.7 cm)  
  4-4118T

- Serrated tips w/1×2 teeth – 5" (12.7 cm)  
  4-4119T

VASCULAR HEMOSTATIC

- Serrated tips – 7.25" (18.5 cm)  
  4-9521T

- Serrated tips w/1×2 teeth – 7" (18 cm)  
  4-9522T

- Full curved serrated tips – 7" (18 cm)  
  4-9524T
**VASCULAR HEMOSTATIC**

Ring Handle

Curved Serrated 1x2 Teeth

Serrated tips w/1×2 teeth – 7” (18 cm)

4-9525T

**HALSTED BABY HEMOSTATIC**

Ring Handle

Curved Serrated

Serrated tips – 4.75” (12.5 cm)

4-6225T

Curved Serrated 1x2 Teeth

Serrated tips w/1×2 teeth – 4.75” (12.5 cm)

4-6226T

Curved Smooth

Smooth tips – 4.75” (12.5 cm)

4-6227T

Curved Smooth 1x2 Teeth

Smooth tips w/1×2 teeth – 4.75” (12.5 cm)

4-6228T
HALSTED HEMOSTATIC

- **Straight Serrated**
  - Serrated tips – 4.75” (12.5 cm)
  - 4-6211T

- **Straight Serrated 1×2 Teeth**
  - Serrated tips w/1×2 teeth – 4.75” (12.5 cm)
  - 4-6212T

- **Straight Smooth**
  - Smooth tips – 4.75 – 4.75” (12.5 cm)
  - 4-6215T

- **Curved Serrated**
  - Serrated tips – 4.75” (12.5 cm)
  - 4-6213T

- **Curved Serrated 1×2 Teeth**
  - Serrated tips w/1×2 teeth – 4.75” (12.5 cm)
  - 4-6214T
KELLY ARTERY HEMOSTATIC

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BENGOLEA HEMOSTATIC

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CRILE HEMOSTATIC

- **Straight Serrated**
  - Serrated tips – 5.5” (14 cm)
  - Serrated tips – 6.25” (16 cm)
  - Part Numbers: 4-6301T, 4-6311T

- **Straight Serrated 1x2 Teeth**
  - Serrated tips w/1x2 teeth – 5.5” (14 cm)
  - Serrated tips w/1x2 teeth – 6.25” (16 cm)
  - Part Numbers: 4-6302T, 4-6312T

- **Curved Serrated**
  - Serrated tips – 5.5” (14 cm)
  - Serrated tips – 6.25” (16 cm)
  - Part Numbers: 4-6303T, 4-6313T

- **Curved Serrated 1x2 Teeth**
  - Serrated tips w/1x2 teeth – 5.5” (14 cm)
  - Serrated tips w/1x2 teeth – 6.25” (16 cm)
  - Part Numbers: 4-6304T, 4-6314T

LERICHE HEMOSTATIC

- **Straight Serrated**
  - Serrated tips – 6” (15 cm)
  - Part Number: 4-6401T

- **Straight Serrated 1x2 Teeth**
  - Serrated tips w/1x2 teeth – 6” (15 cm)
  - Part Number: 4-6402T
LERICHÉ HEMOSTATIC

Curved Serrated
Serrated tips – 6” (15 cm) 4-6403T

Curved Serrated 1x2 Teeth
Serrated tips w/1x2 teeth – 6” (15 cm) 4-6404T

O’SHAUGHNESSY ARTERY

Ring Handle
Serrated tips – 7” (18 cm) 4-6701T
Serrated tips – 8” (20 cm) 4-6702T
Serrated tips – 8.75” (22 cm) 4-6703T
Serrated tips – 9.5” (24 cm) 4-6704T
Serrated tips – 11” (28 cm) 4-6705T

SPENCER WELLS ARTERY HEMOSTATIC

Ring Handle
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Serrated tips – 6” (15 cm) 4-6707T
Serrated tips – 7” (18 cm) 4-6708T
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Straight Serrated
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Serrated tips – 6” (15 cm) 4-6711T
Serrated tips – 7” (18 cm) 4-6712T
Serrated tips – 8” (20 cm) 4-6713T
ROCHESTER-PEAN

Serrated tips – 6.25” (15.8 cm) 4-6715T
Heavy serrated tips – 6.75” (17.1 cm) 4-6721T
Serrated tips – 8” (20 cm) 4-6714T

Delicate Serrated tips – 6.25” (15.8 cm) 4-6720T
Serrated tips – 6.25” (15.8 cm) 4-6719T
Heavy serrated tips – 6.75” (17.1 cm) 4-6718T
Serrated tips – 7.25” (18.5 cm) 4-6717T
Serrated tips – 8” (20 cm) 4-6716T

MIXTER HEMOSTATIC

Serrated tips – 5.5” (14 cm) 4-6722T
2.70 mm width serrated tips – 7” (18 cm) 4-6723T

Delicate Serrated tips – 5.25” (13.3 cm) 4-6724T

BABY MIXTER HEMOSTATIC

Serrated tips – 5.5” (14 cm) 4-6725T
Serrated tips – 7” (18 cm) 4-6726T
**DeBAKEY-PEAN HEMOSTATIC**

- **Straight Serrated**
  - Serrated tips – 5.5” (14 cm)
  - Serrated tips – 6.5” (16.5 cm)
  - Serrated tips – 7.2” (18.5 cm)
  - Serrated tips – 7.8” (20 cm)
  - Serrated tips – 10.2” (26 cm)
  - Serrated tips – 11” (28 cm)
  - Handle: 4-4438S
  - Handle: 4-4439S
  - Handle: 4-4440S
  - Handle: 4-4441S
  - Handle: 4-4442S
  - Handle: 4-4443S

- **Curved Serrated**
  - Serrated tips – 5.5” (14 cm)
  - Serrated tips – 6.5” (16.5 cm)
  - Serrated tips – 7.2” (18.5 cm)
  - Serrated tips – 7.8” (20 cm)
  - Serrated tips – 10.2” (26 cm)
  - Serrated tips – 11” (28 cm)
  - Handle: 4-4444S
  - Handle: 4-4445S
  - Handle: 4-4446S
  - Handle: 4-4447S
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  - Handle: 4-4449S

**ALLIS TISSUE**

- **Straight Atraumatic**
  - Atraumatic tips – 6” (15.5 cm)
  - Handle: 4-4101S

- **Ring Handle**
  - Atraumatic tips – 7.5” (19 cm)
  - Handle: 4-4102S
**DUVAL GRASPING**

- Curved Carmalt jaws – 7.5” (19 cm)  
  - 4-5150T
- Curved Carmalt jaws – 9” (23 cm)  
  - 4-5151T
- Curved Carmalt jaws – 10” (25 cm) 
  - 4-5152T
- Curved Carmalt jaws – 11” (28 cm) 
  - 4-5153T
- Curved Carmalt jaws – 12” (30.5 cm) 
  - 4-5154T
- Curved Carmalt jaws – 14” (35.6 cm) 
  - 4-5155T

**DeBAKEY COOLEY**

- Ring Handle 90° Angled Carmalt jaws – 7.5” (19 cm)  
  - 4-5150T
- Ring Handle 90° Angled Carmalt jaws – 9” (23 cm)  
  - 4-5151T
- Ring Handle 90° Angled Carmalt jaws – 10” (25 cm)  
  - 4-5152T
- Ring Handle 90° Angled Carmalt jaws – 11” (28 cm)  
  - 4-5153T
- Ring Handle 90° Angled Carmalt jaws – 12” (30.5 cm)  
  - 4-5154T
- Ring Handle 90° Angled Carmalt jaws – 14” (35.6 cm)  
  - 4-5155T

**Carmalt jaws – 15 mm grasping tips**

- Ring Handle 90° Angled Carmalt jaws – 8.7” (21 cm)  
  - 4-4301S
- Ring Handle 90° Angled Carmalt jaws – 8.7” (21 cm)  
  - 4-4302S

**Carmalt jaws – 20 mm grasping tips**

- Ring Handle 90° Angled Carmalt jaws – 8.7” (21 cm)  
  - 4-4301S
- Ring Handle 90° Angled Carmalt jaws – 8.7” (21 cm)  
  - 4-4302S
# NEEDLE HOLDERS

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NEEDLE HOLDERS

RUMEX manufactures Needle Holders with various length and tip styles.

The Barraquer and Micro Needle Holders have fine tapered jaws while the Castroviejo Needle Holders have slightly wider jaws for larger needles.

RUMEX needle holders can be used for suturing and cutting as well.

RUMEX produces needle holders containing either a Tungsten Carbide insert or with Tungsten Carbide coating to stop the needle from slipping.

The Inserts are diamond lapped on the reverse side to specified thickness and this guarantees a chemically clean surface, ready for brazing the instrument.

RUMEX cares about the surgeons’ comfort and confidence producing needle holders with and without a lock.
### CASTROVIEJO DELICATE

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- Micro, TC Coated jaws – 9” (23 cm) 8-3023T
- Micro, TC Coated jaws w/Lock – 9” (23 cm) 8-3024T
- Micro, TC Coated jaws – 10” (25 cm) 8-3025T
- Micro, TC Coated jaws w/Lock – 10” (25 cm) 8-3026T
CASTROVIEJO MICRO

Micro, TC Coated jaws – 5.5” (14 cm) 8-3027T
Micro, TC Coated jaws w/Lock – 5.5” (14 cm) 8-3028T
Micro, TC Coated jaws – 6.25” (16.5 cm) 8-3029T
Micro, TC Coated jaws w/Lock – 6.25” (16.5 cm) 8-3030T
Micro, TC Coated jaws – 7.25” (18.5 cm) 8-3031T
Micro, TC Coated jaws w/Lock – 7.25” (18.5 cm) 8-3032T
Micro, TC Coated jaws – 8.25” (21 cm) 8-3033T
Micro, TC Coated jaws w/Lock – 8.25” (21 cm) 8-3034T
Micro, TC Coated jaws – 9” (23 cm) 8-3035T
Micro, TC Coated jaws w/Lock – 9” (23 cm) 8-3036T
Micro, TC Coated jaws – 10” (25 cm) 8-3037T
Micro, TC Coated jaws w/Lock – 10” (25 cm) 8-3038T
Micro, TC Coated jaws – 12” (30 cm) 8-3039T
Micro, TC Coated jaws w/Lock – 12” (30 cm) 8-3040T

Micro, TC Coated jaws – 5.5” (14 cm) 8-3041T
Micro, TC Coated jaws w/Lock – 5.5” (14 cm) 8-3042T
Micro, TC Coated jaws – 6.25” (16.5 cm) 8-3043T
Micro, TC Coated jaws w/Lock – 6.25” (16.5 cm) 8-3044T
Micro, TC Coated jaws – 7.25” (18.5 cm) 8-3045T
Micro, TC Coated jaws w/Lock – 7.25” (18.5 cm) 8-3046T
Micro, TC Coated jaws – 8.25” (21 cm) 8-3047T
Micro, TC Coated jaws w/Lock – 8.25” (21 cm) 8-3048T
Micro, TC Coated jaws – 9” (23 cm) 8-3049T
Micro, TC Coated jaws w/Lock – 9” (23 cm) 8-3050T
Micro, TC Coated jaws – 10” (25 cm) 8-3051T
Micro, TC Coated jaws w/Lock – 10” (25 cm) 8-3052T
CASTROVIEJO HEAVY

Heavy, TC Coated jaws w/Lock – 7.25” (18.5 cm) 8-1501T
Heavy, TC Coated jaws w/Lock – 8.25” (21 cm) 8-1502T
Heavy, TC Coated jaws w/Lock – 9” (23 cm) 8-1503T
Heavy, TC Coated jaws w/Lock – 10” (25 cm) 8-1504T
Heavy, TC Coated jaws w/Lock – 12” (30 cm) 8-1505T

Heavy, TC Coated jaws w/Lock – 7.25” (18.5 cm) 8-1506T
Heavy, TC Coated jaws w/Lock – 8.25” (21 cm) 8-1507T
Heavy, TC Coated jaws w/Lock – 9” (23 cm) 8-1508T
Heavy, TC Coated jaws w/Lock – 10” (25 cm) 8-1509T

Heavy, TC Coated jaws w/Lock – 7.25” (18.5 cm) 8-1510T
Heavy, TC Coated jaws w/Lock – 8.25” (21 cm) 8-1511T
Heavy, TC Coated jaws w/Lock – 9” (23 cm) 8-1512T
Heavy, TC Coated jaws w/Lock – 10” (25 cm) 8-1513T
Heavy, TC Coated jaws w/Lock – 12” (30 cm) 8-1514T

Heavy, TC Coated jaws w/Lock – 7.25” (18.5 cm) 8-1515T
Heavy, TC Coated jaws w/Lock – 8.25” (21 cm) 8-1516T
Heavy, TC Coated jaws w/Lock – 9” (23 cm) 8-1517T
Heavy, TC Coated jaws w/Lock – 10” (25 cm) 8-1518T
**MICRO BAYONET**

- **Straight TC 6-0 & smaller suture**
  - Micro, TC Coated – 8.5” (21 cm)
  - Micro, TC Coated w/Lock – 8.5” (21 cm)
  - Micro, TC Coated – 9.5” (23.5 cm)
  - Micro, TC Coated w/Lock – 9.5” (23.5 cm)
  - 8-2501T
  - 8-2502T
  - 8-2503T
  - 8-2504T

- **Curved Up TC 6-0 & smaller suture**
  - Micro, TC Coated – 8.5” (21 cm)
  - Micro, TC Coated w/Lock – 8.5” (21 cm)
  - Micro, TC Coated – 9.5” (23.5 cm)
  - Micro, TC Coated w/Lock – 9.5” (23.5 cm)
  - 8-2505T
  - 8-2506T
  - 8-2507T
  - 8-2508T

- **Curved Down TC 6-0 & smaller suture**
  - Micro, TC Coated – 8.5” (21 cm)
  - Micro, TC Coated w/Lock – 8.5” (21 cm)
  - Micro, TC Coated – 9.5” (23.5 cm)
  - Micro, TC Coated w/Lock – 9.5” (23.5 cm)
  - 8-2509T
  - 8-2510T
  - 8-2511T
  - 8-2512T

- **Straight TC 6-0 & smaller suture**
  - Micro, TC Coated – 9.5” (23.5 cm)
  - Micro, TC Coated w/Lock – 9.5” (23.5 cm)
  - 8-2513T
  - 8-2514T

- **Curved Up TC 6-0 & smaller suture**
  - Micro, TC Coated – 9.5” (23.5 cm)
  - Micro, TC Coated w/Lock – 9.5” (23.5 cm)
  - 8-2515T
  - 8-2516T

- **Curved Down TC 6-0 & smaller suture**
  - Micro, TC Coated – 9.5” (23.5 cm)
  - Micro, TC Coated w/Lock – 9.5” (23.5 cm)
  - 8-2517T
  - 8-2518T
**DELICATE**

- Delicate, TC Coated jaws – 4.3" (11 cm) 8-4050T
- Delicate, TC Coated jaws w/Lock – 4.3" (11 cm) 8-4051T

- Delicate, TC Coated jaws – 4.3" (11 cm) 8-4052T
- Delicate, TC Coated jaws w/Lock – 4.3" (11 cm) 8-4053T

- Delicate, TC Coated jaws – 4.3" (11 cm) 8-4054T
- Delicate, TC Coated jaws w/Lock – 4.3" (11 cm) 8-4055T
- Delicate, TC Coated jaws – 5.1" (13 cm) 8-1017T

**BARRAQUER DELICATE**

- Delicate, TC Coated jaws – 5.1" (13 cm) 8-2601T
- Delicate, TC Coated jaws w/Lock – 5.1" (13 cm) 8-2602T

- Delicate, TC Coated jaws – 5.1" (13 cm) 8-2603T
- Delicate, TC Coated jaws w/Lock – 5.1" (13 cm) 8-2604T

- Delicate, TC Coated jaws – 5.9" (15 cm) 8-2605T
- Delicate, TC Coated jaws w/Lock – 5.9" (15 cm) 8-2606T
**BARRAQUER DELICATE**

- **Curved TC 7-0 & smaller suture**
  - Delicate, TC Coated jaws – 5.9” (15 cm) 8-2607T
  - Delicate, TC Coated jaws w/lock – 5.9” (15 cm) 8-2608T

- **Straight TC 7-0 & smaller suture**
  - Delicate, TC Coated jaws – 7.3” (18.5 cm) 8-2609T
  - Delicate, TC Coated jaws w/lock – 7.3” (18.5 cm) 8-2610T

- **Round Handle**
  - Delicate, TC Coated jaws – 7.3” (18.5 cm) 8-2611T
  - Delicate, TC Coated jaws w/lock – 7.3” (18.5 cm) 8-2612T

- **Curved TC 7-0 & smaller suture**
  - Delicate, TC Coated jaws – 8.3” (21 cm) 8-2613T
  - Delicate, TC Coated jaws w/lock – 8.3” (21 cm) 8-2614T

- **Curved TC 7-0 & smaller suture**
  - Delicate, TC Coated jaws – 8.3” (21 cm) 8-2615T
  - Delicate, TC Coated jaws w/lock – 8.3” (21 cm) 8-2616T
BARRAQUER

- Straight TC 6-0 & smaller suture
  - Micro, TC Coated jaws – 5.1” (13 cm) 8-2631T
  - Micro, TC Coated jaws w/Lock – 5.1” (13 cm) 8-2632T

- Curved TC 6-0 & smaller suture
  - Micro, TC Coated jaws – 5.1” (13 cm) 8-2633T
  - Micro, TC Coated jaws w/Lock – 5.1” (13 cm) 8-2634T

MICRO DELICATE

- Straight TC 7-0 & smaller suture
  - Delicate, 0.4 mm jaws TC Coated jaws – 5.4” (13.5 cm) 8-2701T
  - Delicate, 0.6 mm jaws TC Coated jaws – 5.4” (13.5 cm) 8-2702T
  - Delicate, 0.6 mm jaws TC Coated jaws – 6.3” (16 cm) 8-2703T
  - Delicate, 0.6 mm jaws TC Coated jaws – 7” (18 cm) 8-2704T

- Curved TC 7-0 & smaller suture
  - Delicate, 0.4 mm jaws TC Coated jaws – 5.4” (13.5 cm) 8-2705T
  - Delicate, 0.6 mm jaws TC Coated jaws – 5.4” (13.5 cm) 8-2706T
  - Delicate, 0.6 mm jaws TC Coated jaws – 6.3” (16 cm) 8-2707T
  - Delicate, 0.6 mm jaws TC Coated jaws – 7” (18 cm) 8-2708T

- Round Handle
  - Micro, TC Coated jaws – 5.5” (14 cm) 8-2709T
  - Micro, TC Coated jaws w/Lock – 5.5” (14 cm) 8-2710T
JACOBSON DELICATE

Delicate, TC Coated jaws – 6.25” (16.5 cm) 8-3501T
Delicate, TC Coated jaws w/lock – 6.25” (16.5 cm) 8-3502T
Delicate, TC Coated jaws – 7.25” (18 cm) 8-3503T
Delicate, TC Coated jaws w/lock – 7.25” (18 cm) 8-3504T
Delicate, TC Coated jaws – 8.25” (21 cm) 8-3505T
Delicate, TC Coated jaws w/lock – 8.25” (21 cm) 8-3506T
Delicate, TC Coated jaws – 9” (23 cm) 8-3507T
Delicate, TC Coated jaws w/lock – 9” (23 cm) 8-3508T
Delicate, TC Coated jaws – 10” (25 cm) 8-3509T

Curved TC 7.0 & smaller suture

Micro, TC Coated jaws – 4.75” (12 cm) 8-4501T
Micro, TC Coated jaws w/lock – 4.75” (12 cm) 8-4502T
Micro, TC Coated jaws – 5.75” (14.5 cm) 8-4503T
Micro, TC Coated jaws w/lock – 5.75” (14.5 cm) 8-4504T
Micro, TC Coated jaws – 6.25” (16.5 cm) 8-4505T
Micro, TC Coated jaws w/lock – 6.25” (16.5 cm) 8-4506T
Micro, TC Coated jaws – 7.25” (18.5 cm) 8-4507T
Micro, TC Coated jaws w/lock – 7.25” (18.5 cm) 8-4508T
Micro, TC Coated jaws – 8.25” (21 cm) 8-4509T
Micro, TC Coated jaws w/lock – 8.25” (21 cm) 8-4510T
Micro, TC Coated jaws – 9” (23 cm) 8-4511T
Micro, TC Coated jaws w/lock – 9” (23 cm) 8-4512T
Micro, TC Coated jaws – 10” (25 cm) 8-4513T
Micro, TC Coated jaws w/lock – 10” (25 cm) 8-4514T
Micro, TC Coated jaws – 12” (30 cm) 8-4515T
Micro, TC Coated jaws w/lock – 12” (30 cm) 8-4516T
NEEDLE HOLDERS

JACOBSON MICRO

Micro, TC Coated jaws – 4.75” (12 cm) 8-4517T
Micro, TC Coated jaws w/Lock – 4.75” (12 cm) 8-4518T
Micro, TC Coated jaws – 5.75” (14.5 cm) 8-4519T
Micro, TC Coated jaws w/Lock – 5.75” (14.5 cm) 8-4520T
Micro, TC Coated jaws – 6.25” (16.5 cm) 8-4521T
Micro, TC Coated jaws w/Lock – 6.25” (16.5 cm) 8-4522T
Micro, TC Coated jaws – 7.25” (18.5 cm) 8-4523T
Micro, TC Coated jaws w/Lock – 7.25” (18.5 cm) 8-4524T
Micro, TC Coated jaws – 8.25” (21 cm) 8-4525T
Micro, TC Coated jaws w/Lock – 8.25” (21 cm) 8-4526T
Micro, TC Coated jaws – 9” (23 cm) 8-4527T
Micro, TC Coated jaws w/Lock – 9” (23 cm) 8-4528T
Micro, TC Coated jaws – 10” (25 cm) 8-4529T
Micro, TC Coated jaws w/Lock – 10” (25 cm) 8-4530T
Micro, TC Coated jaws – 12” (30 cm) 8-4531T
Micro, TC Coated jaws w/Lock – 12” (30 cm) 8-4532T

JACOBSON HEAVY

Heavy, TC Coated jaws w/Lock – 7.25” (18.5 cm) 8-6501T
Heavy, TC Coated jaws w/Lock – 8.25” (21 cm) 8-6502T
Heavy, TC Coated jaws w/Lock – 9” (23 cm) 8-6503T
Heavy, TC Coated jaws w/Lock – 10” (25 cm) 8-6504T
Heavy, TC Coated jaws w/Lock – 12” (30 cm) 8-6505T

Heavy, TC Coated jaws w/Lock – 7” (18 cm) 8-6506T
Heavy, TC Coated jaws w/Lock – 8.25” (21 cm) 8-6507T
Heavy, TC Coated jaws w/Lock – 9” (23 cm) 8-6508T
Heavy, TC Coated jaws w/Lock – 10” (25 cm) 8-6509T
**JACOBSON SHORT**

- Micro, Short TC Coated jaws w/Lock – 7.25” (18.5 cm) 8-5501T
- Micro, Short TC Coated jaws w/Lock – 8.25” (21 cm) 8-5502T
- Micro, Short TC Coated jaws w/Lock – 9” (23 cm) 8-5503T
- Micro, Short TC Coated jaws w/Lock – 10” (25 cm) 8-5504T
- Micro, Short TC Coated jaws w/Lock – 12” (30.5 cm) 8-5505T

**JACOBSON WITH TC INSERTS**

- Micro, 0.80 mm jaws, TC inserted w/Lock – 7” (18 cm) 8-4001T
- Micro, 0.80 mm jaws, TC inserted w/Lock – 8” (20 cm) 8-4002T
- Micro, 0.80 mm jaws, TC inserted w/Lock – 9” (23 cm) 8-4003T
- Micro, 1.20 mm jaws, TC inserted w/Lock – 7” (18 cm) 8-4021T
- Micro, 1.2 mm jaws, TC inserted w/Lock – 8” (20 cm) 8-4022T
- Micro, 1.2 mm jaws, TC inserted w/Lock – 9” (23 cm) 8-4023T

**GLASSER MICRO**

- Micro, TC Coated jaws w/Lock – 4.75” (12 cm) 8-7101T
- Micro, TC Coated jaws w/Lock – 7” (18 cm) 8-7102T

- Micro, TC Coated jaws w/Lock – 4.75” (12 cm) 8-7103T
- Micro, TC Coated jaws w/Lock – 7” (18 cm) 8-7104T
**DIETHRICH MICRO**

- Micro, TC Coated jaws w/Lock – 5” (13 cm)
- Micro, TC Coated jaws w/Lock – 7” (18 cm)
- Micro, TC Coated jaws w/Lock – 8” (20 cm)
- Micro, TC Coated jaws w/Lock – 9” (23 cm)
- Micro, TC Coated jaws w/Lock – 10” (25 cm)

**DIETHRICH-RYDER MICRO**

- Micro, TC Coated jaws w/Lock – 7” (18 cm)
- Micro, TC Coated jaws w/Lock – 8” (20 cm)
- Micro, TC Coated jaws w/Lock – 9” (23 cm)
- Micro, TC Coated jaws w/Lock – 10” (25 cm)

**LEMMON**

- Micro, TC Coated jaws – 5.5” (14 cm)
- Micro, TC Coated jaws – 6.5” (17 cm)
- Micro, TC Coated jaws – 7.5” (19 cm)
NEEDLE HOLDERS

HOWELL

Ring Handle

Straight TC 6-0 & smaller suture

Micro, TC Coated jaws – 6.5” (17 cm)

8-0102T

FINE SWEDISH

Ring Handle

Straight TC 5-0 & smaller suture

Micro, TC Coated jaws – 6” (15 cm)

8-0103T

DERF

Ring Handle

Straight TC 5-0 & smaller suture

Micro, TC Coated jaws – 4.5” (11.5 cm)

8-0101T

WEBSTER

Ring Handle

Straight TC 5-0 & smaller suture

Micro, TC Coated jaws – 4.5” (11.5 cm)

4-6163T
HALSEY

Ring Handle

Micro, TC Coated jaws – 5” (13 cm) 8-0201T

EUPHRATE-PASQUE

Ring Handle

Micro, TC Coated jaws – 5.5” (14 cm) 8-0501T
Micro, TC Coated jaws – 6” (15 cm) 8-0502T
Micro, TC Coated jaws – 7” (18 cm) 8-0503T
Micro, TC Coated jaws – 8” (20 cm) 8-0505T
Micro, TC Coated jaws – 9.25” (23 cm) 8-0507T

RICHARDS

Ring Handle

Micro, TC Coated jaws – 6” (15 cm) 8-0520T
Micro, TC Coated jaws – 6.75” (17 cm) 8-0521T
Micro, TC Coated jaws – 7.5” (19 cm) 8-0522T
NEEDLE HOLDERS

MICRO RYDER

- Micro, 0.80 mm TC Coated jaws – 5” (12.5 cm) 8-0601T
- Micro, 0.80 mm TC Coated jaws – 6” (15 cm) 8-0602T
- Micro, 0.80 mm TC Coated jaws – 7” (18 cm) 8-0603T
- Micro, 0.80 mm TC Coated jaws – 8” (20 cm) 8-0604T
- Micro, 0.8 mm TC Coated jaws – 9” (23 cm) 8-0605T

- Micro, 1.20 mm TC Coated jaws – 5” (12.5 cm) 8-0606T
- Micro, 1.20 mm TC Coated jaws – 6” (15 cm) 8-0607T
- Micro, 1.20 mm TC Coated jaws – 7” (18 cm) 8-0608T
- Micro, 1.20 mm TC Coated jaws – 8” (20 cm) 8-0609T
- Micro, 1.20 mm TC Coated jaws – 9” (23 cm) 8-0610T

RYDER

- Micro, TC Coated jaws – 6” (15 cm) 8-0531T
- Micro, TC Coated jaws – 6.75” (17 cm) 8-0532T
- Micro, TC Coated jaws – 7.5” (19 cm) 8-0533T

MAYO-HEGAR HEAVY

- Heavy, 2.80 mm TC Coated jaws – 6.25” (16 cm) 8-0571T
- Heavy, 2.80 mm TC Coated jaws – 7” (18 cm) 8-0572T
- Heavy, 2.80 mm TC Coated jaws – 8” (20 cm) 8-0573T
- Heavy, 2.80 mm TC Coated jaws – 8.75” (22 cm) 8-0574T
**INTRACARDIAC MICRO**

- Micro, TC Coated jaws – 7.125" (18 cm)  
  8-0541T
- Micro, TC Coated jaws – 8" (20 cm)  
  8-0542T
- Micro, TC Coated jaws – 8.625" (22 cm)  
  8-0543T
- Micro, TC Coated jaws – 10" (25 cm)  
  8-0544T

**DeBAKEY MICRO**

- Micro, TC Coated jaws – 6.25" (16 cm)  
  8-0550T
- Micro, TC Coated jaws – 7" (18 cm)  
  8-0551T
- Micro, TC Coated jaws – 8" (20 cm)  
  8-0552T
- Micro, TC Coated jaws – 8.625" (22 cm)  
  8-0553T
- Micro, TC Coated jaws – 10" (25 cm)  
  8-0554T

**MICROVASCULAR**

- Micro, TC Coated jaws w/Lock – 7.125" (18 cm)  
  8-0561T
- Micro, TC Coated jaws w/Lock – 8" (20 cm)  
  8-0562T
- Micro, TC Coated jaws w/Lock – 8.625" (22 cm)  
  8-0563T
- Micro, TC Coated jaws w/Lock – 10" (25 cm)  
  8-0564T
ULTRA MICRO

- Micro, TC Coated jaws – 5.75” (15 cm) 8-0631T
- Micro, TC Coated jaws – 6.5” (16 cm) 8-0632T
- Micro, TC Coated jaws – 7.25” (18.5 cm) 8-0633T
- Micro, TC Coated jaws – 8” (20 cm) 8-0634T
- Micro, TC Coated jaws – 9” (23 cm) 8-0635T
- Micro TC Coated jaws, Left-Handed – 6.5” (16 cm) 8-0636T
- Micro TC Coated jaws, Left-Handed – 7.5” (18.5 cm) 8-0637T
- Micro TC Coated jaws, Left-Handed – 9” (23 cm) 8-0638T
- Micro TC Coated jaws, Left-Handed – 8” (20 cm) 8-0639T

CRILE-WOOD

- Micro, Cross-Serrated Jaws – 6” (15 cm) 8-0640T
- Micro, Cross-Serrated Jaws w/Groove – 7” (18 cm) 8-0641T
- Micro, Cross-Serrated Jaws w/Groove – 8” (20 cm) 8-0642T
- Micro, Cross-Serrated Jaws w/Groove – 9” (23 cm) 8-0643T

STRATTE VALVE

- Heavy, TC Coated jaws – 7.5” (19 cm) 8-0644T
- Heavy, TC Coated jaws – 9” (23 cm) 8-0645T
- Heavy, TC Coated jaws – 10” (25 cm) 8-0646T
### FELL HEAVY

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy, 2 mm TC Coated jaws – 6” (15 cm)</td>
<td>8-0647T</td>
</tr>
<tr>
<td>Heavy, 2 mm TC Coated jaws – 7” (18 cm)</td>
<td>8-0648T</td>
</tr>
<tr>
<td>Heavy, 2 mm TC Coated jaws – 8” (20 cm)</td>
<td>8-0649T</td>
</tr>
<tr>
<td>Heavy, 2 mm TC Coated jaws – 8.5” (21.5 cm)</td>
<td>8-0650T</td>
</tr>
<tr>
<td>Heavy, 2 mm TC Coated jaws – 10.5” (27 cm)</td>
<td>8-0651T</td>
</tr>
<tr>
<td>Heavy, 2 mm TC Coated jaws – 11.75” (30 cm)</td>
<td>8-0652T</td>
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</tbody>
</table>

### SYNAPSE

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double-action, Delicate, TC Coated jaws – 6.5” (16.5 cm)</td>
<td>8-7001T</td>
</tr>
<tr>
<td>Double-action, Delicate, TC Coated jaws – 7.3” (18.5 cm)</td>
<td>8-7002T</td>
</tr>
<tr>
<td>Double-action, Delicate, TC Coated jaws w/lock – 7.3” (18.5 cm)</td>
<td>8-7003T</td>
</tr>
<tr>
<td>Double-action, Delicate, TC Coated jaws – 8.3” (21 cm)</td>
<td>8-7004T</td>
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<tr>
<td>Double-action, Delicate, TC Coated jaws w/lock – 8.3” (21 cm)</td>
<td>8-7005T</td>
</tr>
<tr>
<td>Double-action, Delicate, TC Coated jaws – 9.1” (23 cm)</td>
<td>8-7006T</td>
</tr>
<tr>
<td>Double-action, Delicate, TC Coated jaws w/lock – 9.1” (23 cm)</td>
<td>8-7007T</td>
</tr>
<tr>
<td>Double-action Delicate, TC Coated jaws – 12” (30.5 cm)</td>
<td>8-7008T</td>
</tr>
<tr>
<td>Double-action, Delicate, TC Coated jaws w/lock – 12” (30.5 cm)</td>
<td>8-7009T</td>
</tr>
<tr>
<td>Double-action, Micro, TC Coated jaws – 6.5” (16.5 cm)</td>
<td>8-7010T</td>
</tr>
<tr>
<td>Double-action, Micro, TC Coated jaws – 7.3” (18.5 cm)</td>
<td>8-7011T</td>
</tr>
<tr>
<td>Double-action, Micro, TC Coated jaws w/lock – 7.3” (18.5 cm)</td>
<td>8-7012T</td>
</tr>
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<td>Double-action, Micro, TC Coated jaws – 8.3” (21 cm)</td>
<td>8-7013T</td>
</tr>
<tr>
<td>Double-action, Micro, TC Coated jaws w/lock – 8.3” (21 cm)</td>
<td>8-7014T</td>
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<tr>
<td>Double-action, Micro, TC Coated jaws – 9.1” (23 cm)</td>
<td>8-7015T</td>
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<td>Double-action, Micro, TC Coated jaws w/lock – 9.1” (23 cm)</td>
<td>8-7016T</td>
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<tr>
<td>Double-action, Micro, TC Coated jaws – 12” (30.5 cm)</td>
<td>8-7017T</td>
</tr>
<tr>
<td>Double-action, Micro, TC Coated jaws w/lock – 12” (30.5 cm)</td>
<td>8-7018T</td>
</tr>
</tbody>
</table>
NEEDLE HOLDERS

SYNAPSE

- Double-action, Delicate, TC Coated jaws – 6.5” (16.5 cm) 8-7019T
- Double-action, Delicate, TC Coated jaws – 7.3” (18.5 cm) 8-7020T
- Double-action, Delicate, TC Coated jaws w/Lock – 7.3” (18.5 cm) 8-7021T
- Double-action, Delicate, TC Coated jaws – 8.3” (21 cm) 8-7022T
- Double-action, Delicate, TC Coated jaws w/Lock – 8.3” (21 cm) 8-7023T
- Double-action, Delicate, TC Coated jaws – 9.1” (23 cm) 8-7024T
- Double-action, Delicate, TC Coated jaws w/Lock – 9.1” (23 cm) 8-7025T
- Double-action, Delicate, TC Coated jaws – 12” (30.5 cm) 8-7026T
- Double-action, Delicate, TC Coated jaws w/Lock – 12” (30.5 cm) 8-7027T
- Double-action, Micro, TC Coated jaws – 6.5” (16.5 cm) 8-7028T
- Double-action, Micro, TC Coated jaws – 7.3” (18.5 cm) 8-7029T
- Double-action, Micro, TC Coated jaws w/Lock – 7.3” (18.5 cm) 8-7030T
- Double-action, Micro, TC Coated jaws – 8.3” (21 cm) 8-7031T
- Double-action, Micro, TC Coated jaws w/Lock – 8.3” (21 cm) 8-7032T
- Double-action, Micro, TC Coated jaws – 9.1” (23 cm) 8-7033T
- Double-action, Micro, TC Coated jaws w/Lock – 9.1” (23 cm) 8-7034T
- Double-action, Micro, TC Coated jaws – 12” (30.5 cm) 8-7035T
- Double-action, Micro, TC Coated jaws w/Lock – 12” (30.5 cm) 8-7036T

SYNAPSE BAYONET

- Double-action, Micro, TC Coated jaws – 9.3” (23.5 cm) 8-4041T
- Double-action, Micro, TC Coated jaws w/Lock – 9.3” (23.5 cm) 8-4042T
- Double-action, Micro, TC Coated jaws – 9.3” (23.5 cm) 8-4043T
- Double-action, Micro, TC Coated jaws w/Lock – 9.3” (23.5 cm) 8-4044T
- Double-action, Micro, TC Coated jaws – 9.3” (23.5 cm) 8-4045T
- Double-action, Micro, TC Coated jaws w/Lock – 9.3” (23.5 cm) 8-4046T
TOLEDO MICRO

Micro, 0.80 mm jaws, TC Coated jaws w/Lock – 7.25” (18.5 cm) 8-7041T
Micro, 0.80 mm jaws, TC Coated jaws w/Lock – 8.2” (21 cm) 8-7043T
Micro, 1 mm tips, TC Coated jaws w/Lock – 7.25” (18.5 cm) 8-7037T
Micro, 1 mm tips, TC Coated jaws w/Lock – 8.2” (21 cm) 8-7039T

Micro, 0.80 mm tips, TC Coated jaws w/Lock – 7.25” (18.5 cm) 8-7042T
Micro, 0.80 mm tips, TC Coated jaws w/Lock – 8.2” (21 cm) 8-7044T
Micro, 1 mm tips, TC Coated jaws w/Lock – 7.25” (18.5 cm) 8-7038T
Micro, 1 mm tips, TC Coated jaws w/Lock – 8.2” (21 cm) 8-7040T

TOLEDO MICRO

Micro, 0.80 mm jaws, TC Coated jaws – 7.25” (18.5 cm) 8-7049T
Micro, 0.80 mm jaws, TC Coated jaws – 8.2” (21 cm) 8-7051T
Micro, 1 mm jaws, TC Coated jaws – 7.25” (18.5 cm) 8-7045T
Micro, 1 mm jaws, TC Coated jaws – 8.2” (21 cm) 8-7047T

Micro, 0.80 mm jaws, TC Coated jaws – 7.25” (18.5 cm) 8-7050T
Micro, 0.80 mm jaws, TC Coated jaws – 8.2” (21 cm) 8-7052T
Micro, 1 mm tips, TC Coated jaws – 7.25” (18.5 cm) 8-7046T
Micro, 1 mm tips, TC Coated jaws – 8.2” (21 cm) 8-7048T
## CLAMPS

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CLAMPS

RUMEX manufactures multiform clamps for various procedures to fulfil the requirements of the surgeons worldwide.

RUMEX clamps are manufactured with different bends in the shanks to avoid obstructions in the surgical field.

RUMEX Clamps have precise movement in the jaws which help secure the vessel in the proper position, multiple vessels may be secured together.

ALTERNATIVE STAINLESS STEEL ANALOGS ARE AVAILABLE UPON REQUEST
Customized instruments are available upon request
YASARGIL TYPE MINI OCCLUSION CLIP

- **Straight**
  - 4 mm jaws
  - 6 mm jaws
  - 6-0101T
  - 6-0102T

- **Slightly Curved**
  - 7 mm jaws
  - 6-0103T

YASARGIL TYPE OCCLUSION CLIP

- **Straight**
  - 7 mm jaws
  - 9 mm jaws
  - 6-0110T
  - 6-0111T

- **Slightly Curved**
  - 9 mm jaws
  - 6-0112T

- **Strongly Curved**
  - 9 mm jaws
  - 6-0113T

- **Angled**
  - 9 mm jaws
  - 6-0114T

YASARGIL TYPE CLIP APPLYING

- For Mini Occlusion Clips – 7.25” (18.5 cm)
  - 6-0120T

- For Standard Occlusion Clips – 7.25” (18.5 cm)
  - 6-0121T
MINI GLOVER

approx 110 and 220 gr occlusion pressure

11 mm Serrated jaws – 1.2” (3 cm) 6-0601T
15 mm Serrated jaws – 1.4” (3.5 cm) 6-0602T
17 mm Serrated jaws – 1.6” (4 cm) 6-0603T
24 mm Serrated jaws – 2” (5 cm) 6-0604T

11 mm Serrated jaws – 1.2” (3 cm) 6-0605T
15 mm Serrated jaws – 1.4” (3.5 cm) 6-0606T
17 mm Serrated jaws – 1.6” (4 cm) 6-0607T
24 mm Serrated jaws – 2” (5 cm) 6-0608T

11 mm Serrated jaws – 1.2” (3 cm) 6-0609T
15 mm Serrated jaws – 1.4” (3.5 cm) 6-0610T
17 mm Serrated jaws – 1.6” (4 cm) 6-0611T
24 mm Serrated jaws – 2” (5 cm) 6-0612T
DIETHRICH MICRO BULLDOG

**Straight**
- 8 mm jaws – 2” (4.9 cm)
- 12 mm jaws – 2.125” (5.4 cm)
- 20 mm jaws – 2.25” (5.9 cm)
- 11 mm Serrated jaws – 2.16” (5.5 cm)
- 15 mm Serrated jaws – 2.4” (6.1 cm)

**Angled**
- 8 mm jaws – 1.625 (4.3 cm)
- 12 mm jaws – 1.75” (4.5 cm)
- 20 mm jaws – 2” (4.9 cm)
- 11 mm Serrated jaws – 2” (5.1 cm)

**Curved**
- 20 mm jaws – 2.125” (5.4 cm)

**DIETHRICH DeBAKEY MICRO BULLDOG**

**Straight**
- 10 mm Atraumatic jaws – 1.75” (4.7 cm)
- 14 mm Atraumatic jaws – 2” (5.1 cm)
- 20 mm Atraumatic jaws – 2.25” (5.7 cm)

**Angled**
- 10 mm Atraumatic jaws – 1.75” (4.4 cm)
- 14 mm Atraumatic jaws – 1.75” (4.6 cm)
- 20 mm Atraumatic jaws – 2” (4.9 cm)

*T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
DIETHRIC DeBAKEY MICRO BULLDOG

![DIETHRIC DeBAKEY MICRO BULLDOG](image)

20 mm Atraumatic jaws – 2.125" (5.4 cm)  
4-4016S /T*

BULLDOG DeBAKEY

![BULLDOG DeBAKEY](image)

DeBakey Atraumatic jaws – 3" (7.5 cm)  
4-4017S /T*
DeBakey Atraumatic jaws – 3.75" (8.5 cm)  
4-4018S /T*
DeBakey Atraumatic jaws – 4" (10 cm)  
4-4019S /T*
DeBakey Atraumatic jaws – 4.75" (12 cm)  
4-4020S /T*

DeBakey Atraumatic jaws – 3" (7.5 cm)  
4-4021S /T*
DeBakey Atraumatic jaws – 3.75" (8.5 cm)  
4-4022S /T*
DeBakey Atraumatic jaws – 4" (10 cm)  
4-4023S /T*
DeBakey Atraumatic jaws – 4.75" (12 cm)  
4-4024S /T*

DeBakey Atraumatic jaws – 2.75" (7 cm)  
4-4025T
DeBakey Atraumatic jaws – 4.75" (12 cm)  
4-4026T

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
**BULLDOG DeBAKEY**

- **DeBakey Atraumatic jaws – 4.25” (11 cm)**
  - 4-4027T

- **DeBakey Atraumatic jaws – 4.25” (11 cm)**
  - 4-4028T

**BULLDOG SHUNT**

- **Angled 10°**
  - 10 French – 3” (7.7 cm) 6-0501T
  - 12 French – 3.75” (9.5 cm) 6-0505T
  - 14 French – 3.75” (9.5 cm) 6-0509T

- **Angled 25°**
  - 10 French – 3” (7.7 cm) 6-0502T
  - 12 French – 3.75” (9.5 cm) 6-0506T
  - 14 French – 3.75” (9.5 cm) 6-0510T

- **Angled 45°**
  - 10 French – 3” (7.7 cm) 6-0503T
  - 12 French – 3.75” (9.5 cm) 6-0507T
  - 14 French – 3.75” (9.5 cm) 6-0511T

- **Angled 60°**
  - 10 French – 3” (7.7 cm) 6-0504T
  - 12 French – 3.75” (9.5 cm) 6-0508T
  - 14 French – 3.75” (9.5 cm) 6-0512T

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
MICRO

22 mm DeBakey Atraumatic jaws
w/Straight Shanks – 4” (10.5 cm) 6-0701T
22 mm DeBakey Atraumatic jaws
w/Slightly Curved Shanks – 4” (10.5 cm) 6-0703T
22 mm DeBakey Atraumatic jaws
w/Angled Shanks – 4” (10.5 cm) 6-0705T
30 mm DeBakey Atraumatic jaws
w/Straight Shanks – 4” (10.5 cm) 6-0702T
30 mm DeBakey Atraumatic jaws
w/Slightly Curved Shanks – 4” (10.5 cm) 6-0704T
30 mm DeBakey Atraumatic jaws
w/Angled Shanks – 4” (10.5 cm) 6-0706T

MICRO

14 mm DeBakey Atraumatic jaws
w/Slightly Curved Shafts – 4” (10.5 cm) 6-0721T
22 mm DeBakey Atraumatic jaws
w/Slightly Curved Shafts – 4” (10.5 cm) 6-0722T
14 mm DeBakey Atraumatic jaws
w/Straight Shafts – 4” (10.5 cm) 6-0723T
26 mm DeBakey Atraumatic jaws
w/Straight Shafts – 4” (10.5 cm) 6-0724T
16 mm DeBakey Atraumatic jaws
w/Slightly Curved Shafts – 4” (10.5 cm) 6-0725T
20 mm DeBakey Atraumatic jaws
w/Slightly Curved Shafts – 4” (10.5 cm) 6-0726T
**MICRO**

- **Angled 90°**
  - 16 mm DeBakey Atraumatic jaws w/Straight Shanks – 4” (10.5 cm)  
  - 30 mm DeBakey Atraumatic jaws w/Straight Shanks – 4” (10.5 cm)  
  - Code: 6-0741T

- **Angled 60°**
  - 23 mm DeBakey Atraumatic jaws w/Straight Shanks – 4” (10.5 cm)  
  - 30 mm DeBakey Atraumatic jaws w/Straight Shanks – 4” (10.5 cm)  
  - Code: 6-0743T

- **Angled 45°**
  - 25 mm DeBakey Atraumatic jaws w/Straight Shanks – 4” (10.5 cm)  
  - 30 mm DeBakey Atraumatic jaws w/Straight Shanks – 4” (10.5 cm)  
  - Code: 6-0745T

**MICRO**

- **DeBakey Atraumatic jaws**
  - w/ Slightly Curved Shanks – 4” (10.5 cm)  
  - Code: 6-0750T
**MICRO KITZMILLER**

- **Left Angled**
  - 23 mm DeBakey Atraumatic jaws
  - w/Straight Shanks – 4.25” (11 cm)
  - 6-0771T

- **Right angled**
  - 23 mm DeBakey Atraumatic jaws
  - w/Straight Shanks – 4.25” (11 cm)
  - 6-0772T

**COOLEY NEONATAL**

- **Angled**
  - Neonatal Cooley Atraumatic jaws
  - w/Curved Shanks – 5” (12.5 cm)
  - 4-4420S /T*

- **Angled**
  - Satinsky Cooley Atraumatic jaws
  - w/Curved Shanks – 5” (12.5 cm)
  - 4-4421S /T*

- **Curved**
  - Cooley Atraumatic jaws
  - w/Curved Shanks – 4.9” (12.5 cm)
  - 4-4422S /T*

- **Straight**
  - Cooley Atraumatic jaws
  - w/Angled Shanks – 4.9” (12.5 cm)
  - 4-4424S /T*

*T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
CASTANEDA

Straight

Cooley Atraumatic jaws w/Curved Shanks – 5.25” (13 cm)  
6-1101S /T*

CASTANEDA

Semi-Circle

Cooley Atraumatic jaws w/Curved Shanks – 4.75” (12 cm)  
6-1102S /T*

CASTANEDA

Curved

Cooley Atraumatic jaws w/Curved Shanks – 5.25” (13.5 cm)  
6-1103S /T*

CASTANEDA

Slightly Curved jaws

Cooley Atraumatic jaws w/Curved Shanks – 6” (15.25 cm)  
6-1104T

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
CASTANEDA

Curved

Cooley Atraumatic jaws
w/Curved Shanks – 6” (15.25 cm)
6-1105S /T*

Full Curved

Curved Cooley Atraumatic jaws
w/Curved Shanks – 6” (15.25 cm)
6-1106S /T*

CASTANEDA

Angled 90°

Cooley Atraumatic jaws
w/Curved Shanks – 4.25” (11 cm)
6-1107S /T*

Angled 70°

Cooley Atraumatic jaws
w/Curved Shanks – 4.75” (12 cm)
6-1108T

Angled 50°

Atraumatic jaws
w/Curved Shanks – 5.25” (13 cm)
6-1109S /T*

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
CASTANEDA

Cooley Atraumatic jaws
w/Curved Shanks – 5.25” (13 cm)
6-1110S /T*

CASTANEDA CAROTID

Cooley Atraumatic jaws
w/Slightly Curved Shanks – 7.5” (19 cm)
6-1111T

BABY VASCULAR

8 mm Cooley Atraumatic jaws
w/Straight Shanks – 5.25” (13.5 cm)
4-4222T

12 mm Cooley Atraumatic jaws
w/Straight Shanks – 5.25” (13.5 cm)
4-4223T /S*

16 mm Cooley Atraumatic jaws
w/Straight Shanks – 5.25” (13.5 cm)
4-4224T

20 mm Cooley Atraumatic jaws
w/Straight Shanks – 5.25” (13.5 cm)
4-4225T

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
BABY VASCULAR

25 mm Cooley Atraumatic jaws w/Straight Shanks – 5.25” (13.5 cm) 4-4226T

BABY VASCULAR

40 mm Cooley Atraumatic jaws w/Slightly Angled Shanks – 6” (15 cm) 6-1300T

Cooley Atraumatic jaws w/Slightly Angled Shanks – 5.25” (13.5 cm) 6-1301T

Cooley Atraumatic jaws w/Slightly Angled Shanks – 5.25” (13.5 cm) 6-1302T

Cooley Atraumatic jaws w/Slightly Angled Shanks – 5.25” (13.5 cm) 6-1303T

Cooley Atraumatic jaws w/Slightly Angled Shanks – 5.25” (13.5 cm) 6-1304T

S* – ALTERNATIVE STAINLESS STEEL ANALOG AVAILABLE
BABY VASCULAR

Cooley Atraumatic jaws w/Straight Shanks – 5.25” (13.5 cm) 4-4402S /T*

Cooley Atraumatic jaws w/Straight Shanks – 5.25” (13.5 cm) 4-4403S /T*

Cooley Atraumatic jaws w/Deeply Angled Shanks – 5.25” (13.5 cm) 4-4404S /T*

Cooley Atraumatic jaws w/Straight Shanks – 5.25” (13.5 cm) 4-4405T

HENLY SUBCLAVIAN

DeBakey Atraumatic jaws w/Straight Shanks – 8” (20 cm) 6-1201T

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
KITZMILLER

Left Angled

Cooley Atraumatic jaws w/Curved Shanks – 5.25" (13.5 cm) 6-1401S /T*

Right Angled

Cooley Atraumatic jaws w/Curved Shanks – 5.25" (13.5 cm) 6-1402S /T*

BECK INFANT AORTA

Angled

DeBakey Atraumatic jaws w/Straight Shanks – 6.5" (16.5 cm) 6-1500S /T*

SUBRAMANIAN INFANT AORTA

Angled & Curved

DeBakey Atraumatic jaws w/Curved Shanks – 6.25" (16 cm) 6-1601S /T*

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
**COOLEY PEDIATRIC**

- 30 mm Cooley Atraumatic jaws w/Straight Shanks – 6.25” (16 cm)  
  4-4425S /T*

- 30 mm Cooley Atraumatic jaws w/Angled Shanks – 6.25” (16 cm)  
  4-4426S /T*

- 42.5 mm Cooley Atraumatic jaws w/Straight Shanks – 6.75” (17 cm)  
  4-4427T

- 42.5 mm Cooley Atraumatic jaws w/Angled Shanks – 6.75” (17 cm)  
  4-4428T

**COOLEY PEDIATRIC**

- Cooley Atraumatic jaws (medium) w/Straight Shanks – 6.5” (16 cm)  
  4-4429S /T*

- Cooley Atraumatic jaws (large) w/Straight Shanks – 6.75” (17 cm)  
  4-4430S /T*

- Cooley Atraumatic jaws w/Straight Shanks – 6.75” (17 cm)  
  4-4431S /T*

- Cooley Atraumatic jaws w/Straight Shanks – 6.75” (17 cm)  
  4-4432S /T*

*T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
**COOLEY PEDIATRIC**

| Angled 90° | Cooley Atraumatic jaws w/Curved Shanks – 6” (15 cm) | 4-4433S /T* |
| Angled 60° | Cooley Atraumatic jaws w/Curved Shanks – 6.375” (16 cm) | 4-4434S /T* |
| Angled 30° | Cooley Atraumatic jaws w/Curved Shanks – 6.5” (16.5 cm) | 4-4435T |
|           | Cooley Atraumatic jaws w/Curved Shanks – 7.25” (18.5 cm) | 4-4436T |
|           | Cooley Atraumatic jaws w/Curved Shanks – 6.75” (17 cm) | 4-4437T |

**DALE VASCULAR**

| Curved | DeBakey Atraumatic jaws (small) w/Curved Shanks – 6.5” (17 cm) | 4-4203S /T* |
| Curved | DeBakey Atraumatic jaws (medium) w/Curved Shanks – 7” (17.5 cm) | 4-4204S /T* |
| Curved | DeBakey Atraumatic jaws (large) w/Curved Shanks – 7.25” (18.5 cm) | 4-4205S /T* |

*T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
GREGORY PROFUNDA

DeBakey Atraumatic jaws w/Straight Shanks – 7” (18 cm) 6-1701S /T*

VASCULAR

1.50 mm DeBakey Atraumatic jaws w/Straight Shanks – 7” (18 cm) 4-4206S /T*

2.50 mm DeBakey Atraumatic jaws w/Straight Shanks – 6.75” (17 cm) 4-4207S /T*

2.90 mm DeBakey Atraumatic jaws w/Straight Shanks – 7” (18 cm) 4-4208S /T*

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
PERIPHERAL VASCULAR

60 mm DeBakey Atraumatic jaws w/Straight Shanks – 8” (20 cm)  4-4227S /T*

65 mm Cooley Atraumatic jaws w/Straight Shanks – 7.25” (18.5 cm)  4-4228S /T*

ANASTOMOSIS

10 mm Cooley Atraumatic jaws w/Angled Shanks – 6.25” (16.5 cm)  6-1801S /T*

15 mm Cooley Atraumatic jaws w/Angled Shanks – 6.75” (17 cm)  6-1802S /T*

20 mm Cooley Atraumatic jaws w/Angled Shanks – 6.75” (17 cm)  6-1803S /T*

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
ANASTOMOSIS

15 mm DeBakey Atraumatic jaws w/Angled Shanks – 6.25” (16.5 cm)  6-1821S /T*

15 mm DeBakey Atraumatic w/Angled Shanks – 6.75” (17 cm)  6-1822S /T*

20 mm DeBakey Atraumatic w/Angled Shanks – 6.75” (17 cm)  6-1823S /T*

15 mm Atraumatic jaws, Slightly Curved Shanks – 6” (15 cm)  6-1831S /T*

18 mm Atraumatic jaws, Slightly Curved Shanks – 6” (15 cm)  6-1832S /T*

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
ANASTOMOSIS

21 mm Atraumatic jaws, Slightly Curved Shanks – 6” (15 cm)  
6-1833S /T*

10 mm DeBakey Atraumatic jaws  
w/Angled Shanks – 6.25” (16.5 cm)  
6-1834T

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE

ANASTOMOSIS

20 mm Cooley Atraumatic jaws  
w/Angled Shanks – 6.5” (16.5 cm)  
6-1841T

20 mm Angled Cooley Atraumatic jaws  
w/Angled Shanks – 6.25” (16 cm)  
6-1842T

20 mm Angled Cooley Atraumatic jaws  
w/Angled Shanks – 7” (18 cm)  
6-1843T
**ANASTOMOSIS**

- 20 mm DeBakey Atraumatic jaws w/Angled Shanks – 8.5” (21.5 cm) — 6-1851T
- 35 mm DeBakey Atraumatic jaws w/Angled Shanks – 8.5” (21.5 cm) — 6-1852T
- 35 mm DeBakey Atraumatic jaws w/Angled Shanks – 10.25” (26 cm) — 6-1853T

**DeBAKEY VASCULAR**

- DeBakey Atraumatic jaws w/Straight Shanks – 8.25” (21 cm) — 6-3001T
- DeBakey Atraumatic jaws w/Angled Shanks – 8” (20 cm) — 6-3002T
- DeBakey Atraumatic jaws w/Angled Shanks – 7.5” (19 cm) — 6-3003T
DeBAKEY VASCULAR

65 mm DeBakey Atraumatic jaws w/Curved Shanks – 7.25” (18.5 cm) 6-3004T

MULTI-PURPOSE

40 mm Cooley Atraumatic jaws w/Angled Shanks – 6.75” (17 cm) 6-3101T

85 mm Cooley Atraumatic jaws w/Straight Shanks – 8.5” (21.5 cm) 6-3102T

MULTI-PURPOSE

85 mm DeBakey Atraumatic jaws w/Straight Shanks – 8.5” (21.5 cm) 4-6150T

80 mm DeBakey Atraumatic jaws w/Straight Shanks – 10.25” (26 cm) 4-6151S /T*

105 mm DeBakey Atraumatic jaws w/Straight Shanks – 11.75” (28.8 cm) 4-6152T

110 mm DeBakey Atraumatic jaws w/Straight Shanks – 12.5” (31.5 cm) 4-6153T

135 mm DeBakey Atraumatic jaws w/Straight Shanks – 13” (33 cm) 4-6154T
### MULTI-PURPOSE

- **60° Angled**
  - 40 mm DeBakey Atraumatic jaws w/Slightly Curved Shanks – 6.25" (16 cm)  
  - 60 mm DeBakey Atraumatic jaws w/Slightly Curved Shanks – 7.25" (18.5 cm)  
  - 60 mm DeBakey Atraumatic jaws w/Slightly Curved Shanks – 9" (23 cm)  
  - 75 mm DeBakey Atraumatic jaws w/Slightly Curved Shanks – 9" (23 cm)  
  - 80 mm DeBakey Atraumatic jaws w/Slightly Curved Shanks – 8" (20 cm)  
  - 50 mm DeBakey Atraumatic jaws w/Slightly Curved Shanks – 9.25" (23.5 cm)  
  - 6-3121T  
  - 6-3122T  
  - 6-3123T  
  - 6-3124T  
  - 6-3125T  
  - 6-3126T

- **65° Angled**
  - 50 mm DeBakey Atraumatic jaws w/Straight Shanks – 9.25" (23.5 cm)  
  - 6-3127T  
  - 6-3128T  
  - 6-3129T

- **90° Angled**
  - Cooley Atraumatic jaws w/Angled Shanks – 6.75" (17 cm)  
  - 6-1861T

### ANASTOMOSIS

- **Small Semi-Circle**
  - Cooley Atraumatic jaws w/Angled Shanks – 6.75" (17 cm)  
  - 6-1861T
ANASTOMOSIS

Cooley Atraumatic jaws w/Angled Shanks – 6.75” (17 cm)  
6-1862T

30 mm Cooley Atraumatic jaws w/Angled Shanks – 6.25” (16 cm)  
6-1863T

BRONCHUS

40 mm DeBakey Atraumatic jaws w/Curved Shanks – 8.5” (21.5 cm)  
6-4001S /T*

40 mm DeBakey Atraumatic jaws w/Curved Shanks – 9.25” (23.5 cm)  
6-4002T

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
AORTIC ANASTOMOSIS

30 mm DeBakey Atraumatic jaws w/Angled Shanks – 6.5" (16.5 cm)  
4-4210S /T*

30 mm DeBakey Atraumatic jaws w/Angled Shanks – 7" (18 cm)  
4-4209S /T*

LAMBERT-KAY

DeBakey Atraumatic jaws w/Angled Shanks – 8" (20 cm)  
6-4101S /T*

Atraumatic jaws – 8.3" (21 cm)  
4-4401S

DeBakey Atraumatic jaws w/Angled Shanks – 8" (20 cm)  
6-4102S /T*

HUNTER SATINSKY AORTA

75 mm DeBakey Atraumatic jaws w/Deeply Angled Shanks – 8.75" (22 cm)  
6-4201S /T*

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
TANGENTIAL OCCLUSION

20 mm DeBakey Atraumatic jaws
w/Slightly Curved Shanks – 8.25” (21 cm) 6-4301S/T*
20 mm DeBakey Atraumatic jaws
w/Slightly Curved Shanks – 8.75” (22 cm) 6-4302S/T*
25 mm DeBakey Atraumatic jaws
w/Slightly Curved Shanks – 9” (23 cm) 6-4303T

SATINSKY

18 mm DeBakey Atraumatic jaws
w/Curved Shanks – 10” (25 cm) 6-4401S/T*
24 mm DeBakey Atraumatic jaws
w/Curved Shanks – 10” (25 cm) 6-4402S/T*
30 mm DeBakey Atraumatic jaws
w/Curved Shanks – 10” (25 cm) 6-4403S/T*
35 mm DeBakey Atraumatic jaws
w/Curved Shanks – 10” (25 cm) 6-4404T

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
GLOVER

DeBakey Atraumatic jaws
w/Curved Shanks – 10" (25 cm) 6-4501T

AORTIC ANEURYSM

50 mm DeBakey Atraumatic jaws
w/Curved Shanks – 8.5" (21.5 cm) 6-4601T
70 mm DeBakey Atraumatic jaws
w/Curved Shanks – 10.75" (27 cm) 6-4602S /T*
75 mm DeBakey Atraumatic jaws
w/Curved Shanks – 11" (28 cm) 6-4603S /T*
80 mm DeBakey Atraumatic jaws
w/Reversed Curved Shanks – 10.25" (26 cm) 6-4604T
80 mm Cooley Atraumatic jaws,
Reversed Shank Curvature – 10.75" (27 cm) 6-4605T

POLLACK AORTA

40 mm DeBakey Atraumatic jaws
w/Slightly Curved Shanks – 11" (28 cm) 6-4701T

80 mm DeBakey Atraumatic jaws
w/Slightly Curved Shanks – 10" (25 cm) 6-4702T

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
DeBAKEY AORTA

DeBakey Atraumatic jaws w/Curved Shanks – 10.5” (26.5 cm) 6-4801T

DeBAKEY AORTA

Atraumatic jaws – 8.1” (20.5 cm) 4-4201S
Atraumatic jaws – 8.3” (21 cm) 4-4202S

DeBAKEY AORTA

Atraumatic jaws – 7” (18 cm) 4-4211S

DeBakey Atraumatic jaws w/Slightly Curved Shanks – 10.5” (26.5 cm) 6-4802T

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
DeBAKEY AORTA

Full curved

Atraumatic jaws – 6.7” (17 cm)

6-4221S

DeBAKEY AORTA

Angled & Curved

70 mm DeBakey Atraumatic jaws w/Curved Shanks – 10.5” (26.5 cm)

6-4803T

COOLEY AORTA

Angled & Curved

Cooley Atraumatic jaws w/Curved Shanks – 10.5” (26.5 cm)

6-4901T
POTTS LIVER TRANSPLANT

70 mm Potts jaws w/Straight Shanks – 10” (25.5 cm) 6-5001S /T*
80 mm Potts jaws w/Straight Shanks – 10.25” (26 cm) 6-5002S /T*
90 mm Potts jaws w/Straight Shanks – 10.75” (27 cm) 6-5003S /T*
100 mm Potts jaws w/Straight Shanks – 10.75” (27 cm) 6-5004S /T*

T* – ALTERNATIVE TITANIUM ANALOG AVAILABLE
SCISSORS

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RUMEX manufactures various types of scissors to assist surgeons worldwide in all modern cardiovascular procedures.

**RUMEX tip styles are manufactured according to surgeon’s preference.**
**High Class Cut (golden screw)**
Knife edges and micro serration
Fine, minimally traumatizing cutting

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**Black Type (golden screw, black rings)**
Knife edges and micro serration
Fine, minimally traumatizing cut
Reduction of the transversal cut
Highly visible
Precise dissection

**Super Power Line (black finish, golden screw)**
Knife edges and micro serration
Fine, minimally traumatizing cutting
Welded tungsten carbide cutting edges
Seamless, homogenous junction of tungsten carbide and scissors steel
Corrosion-free welding seam
Reduction of the transversal cut
Highly visible
Precise dissection
Ceramic coating
High surface hardness
Long lasting cutting ability
Excellent sliding capacity
Non-dazzling surface

Customized instruments are available upon request
VANNAS CAPSULOTOMY

**Straight vannas**
- 4 mm Short Sharp Blades – 3.2” (8 cm)  
  11-4516S
- Short Blades – 3” (7.5 cm)  
  11-4503S
- Short Blunt Blades – 3.74” (9.5 cm)  
  11-4505S
- Short Sharp Blades – 3.74” (9.5 cm)  
  11-4506S

**Flat Handle**
- Short Blades – 3” (7.5 cm)  
  11-4504S
- 4 mm Short Sharp Blades – 3.2” (8 cm)  
  11-4517S
- 8 mm Long Blades – 3.5” (8.4 cm)  
  11-4518S

**Curved vannas**
- Short Blades – 3” (7.5 cm)  
  11-4504S
- 4 mm Short Sharp Blades – 3.2” (8 cm)  
  11-4517S
- 8 mm Long Blades – 3.5” (8.4 cm)  
  11-4518S

**Round Handle**
- 10 mm Blades – 4.2” (10.6 cm)  
  11-4519S
- Long Blades – 3.5” (8.4 cm)  
  11-4520S

WESTCOTT STITCH

**Curved**
- 13 mm Sharp Blades – 4.3” (11 cm)  
  11-4521S

**Flat Handle**
- Sharp Blades – 4.5” (11.5 cm)  
  11-4507S
- Blunt Blades – 4.5” (11.5 cm)  
  11-4508S
WESTCOTT TENOTOMY

- Curved Flat Handle
  - 13 mm Blunt Blades – 4.3” (11 cm) 11-4522S
  - 13 mm Blunt Blades – 5.25” (13.5 cm) 11-4523S

MCPHERSON WESTCOTT CONJUNCTIVAL

- Curved Flat Handle
  - 5 mm Small Sharp Blades – 4” (10 cm) 11-4524S
  - 5 mm Small Blunt Blades – 4” (10 cm) 11-4525S

NOYES

- Straight Flat Handle
  - Sharp / Sharp Blades – 4.1” (10.5 cm) 11-4510S
MICRO DISSECTING

- Dissecting Blades – 4.5” (11.5 cm)  
  Flat Handle  
  11-4526S

VASCULAR MICRO

- 14 mm Sharp Blades – 6.3” (16 cm)  
  Straight  
  Round Handle  
  11-5011S

- 14 mm Blunt Spear Blades – 6.3” (16 cm)  
  11-5121S

- 7 mm Blunt Spear Blades – 6.3” (16 cm)  
  11-5123S

- 13 mm Sharp Blades – 8” (20 cm)  
  Curved  
  11-5227S

- 14 mm Sharp Blades – 6.3” (16 cm)  
  11-5012S

- 12 mm Blunt Blades – 6.3” (16 cm)  
  Angled  
  11-5018S

- 14 mm Sharp Blades- 6.3” (16 cm)  
  Straight  
  Flat Handle  
  11-5111S

- 14 mm Blunt Spear Blades – 6.3” (16 cm)  
  11-5120S

- 7 mm Blunt Spear Blades – 6.3” (16 cm)  
  11-5122S

- 21 mm Blunt Blades – 8” (20 cm)  
  11-5325S
VASCULAR MICRO

Curved

Flat Handle

Angle

14 mm Sharp Blades – 6.3” (16 cm) 11-5112S

12 mm Blunt Blades – 6.3” (16 cm) 11-5118S

MICRO VANNAS

Straight vannas

Wide Flat Handle

Curved vannas

Vannas Blades – 5.5” (13.5 cm) 11-5001S

Vannas Blades – 5.5” (13.5 cm) 11-5002S
**MICRO VANNAS**

- **Straight Flat Handle**
  - Vannas Blades – 6.25” (16 cm) 11-5003S
  - Vannas Blades – 7” (18 cm) 11-5004S
  - Vannas Blades – 8.25” (21 cm) 11-5005S
  - Vannas Blades – 9” (23 cm) 11-5006S

- **Curved Flat Handle**
  - Vannas Blades – 6.25” (16 cm) 11-5007S
  - Vannas Blades – 7” (18 cm) 11-5008S
  - Vannas Blades – 8.25” (21 cm) 11-5009S
  - Vannas Blades – 9” (23 cm) 11-5010S

**MICRO**

- **Straight Flat Handle**
  - Sharp Fine Blades – 4.25” (11 cm) 11-5013S
  - Sharp Fine Blades – 5.75” (15 cm) 11-5014S
  - Sharp Fine Blades – 6.25” (16 cm) 11-5015S
  - Sharp Fine Blades – 7” (18 cm) 11-5016S
  - Sharp Fine Blades – 8.25” (21 cm) 11-5017S
  - Sharp Fine Blades – 9” (23 cm) 11-5019S

- **Curved Flat Handle**
  - Sharp Fine Blades – 4.25” (11 cm) 11-5021S
  - Sharp Fine Blades – 5.75” (15 cm) 11-5026S
  - Sharp Fine Blades – 6.25” (16 cm) 11-5027S
  - Sharp Fine Blades – 7” (18 cm) 11-5028S
  - Sharp Fine Blades – 8.25” (21 cm) 11-5029S
  - Sharp Fine Blades – 9” (23 cm) 11-5030S
CASTROVIEJO UNIVERSAL

Flat Handle

8 mm Blades – 4” (10 cm) 11-4511S

POTTS MICRO VASCULAR

Angled 25°

Micro Fine Blades – 4.25” (11 cm) 11-4405S
Micro Fine Blades – 7” (18 cm) 11-4406S
TC Micro Fine Blades – 7” (18 cm) 11-4411S
SPL Micro Fine Blades – 7” (18 cm) 11-4412S
Micro Fine Blades – 8” (20 cm) 11-4407S

Angled 45°

Micro Fine Blades – 4.25” (11 cm) 11-4408S
Micro Fine Blades – 7” (18 cm) 11-4409S
TC Micro Fine Blades – 7” (18 cm) 11-4413S
SPL Micro Fine Blades – 7” (18 cm) 11-4414S
Micro Fine Blades – 8” (20 cm) 11-4410S

Angled 60°

Micro Fine Blades – 4.25” (11 cm) 11-4421S
Micro Fine Blades – 7” (18 cm) 11-4422S
TC Micro Fine Blades – 7” (18 cm) 11-4415S
SPL Micro Fine Blades – 7” (18 cm) 11-4416S
Micro Fine Blades – 8” (20 cm) 11-4429S

Angled 90°

Micro Fine Blades – 4.25” (11 cm) 11-4430S
Micro Fine Blades – 7” (18 cm) 11-4431S
TC Micro Fine Blades – 7” (18 cm) 11-4417S
SPL Micro Fine Blades – 7” (18 cm) 11-4418S
Micro Fine Blades – 8” (20 cm) 11-4432S
POTTS MICRO VASCULAR

- Flat Handle
  - Angled 125°
    - Micro Fine Blades – 4.25” (11 cm) 11-4433S
    - Micro Fine Blades – 7” (18 cm) 11-4434S
    - TC Micro Fine Blades – 7” (18 cm) 11-4419S
    - SPL Micro Fine Blades – 7” (18 cm) 11-4420S
    - Micro Fine Blades – 8” (20 cm) 11-4435S
  - Angled 125° V-Neck
    - Micro Fine Blades – 4.25” (11 cm) 11-4436S
    - Micro Fine Blades – 7” (18 cm) 11-4437S
    - Micro Fine Blades – 8” (20 cm) 11-4438S

POTTS-DEMARTEL MICRO VASCULAR

- Round Handle
  - Angled 15°
    - Micro Fine Blades – 7” (18 cm) 11-4439S
  - Angled 25°
    - Micro Fine Blades – 4.25” (11 cm) 11-4440S
    - Micro Fine Blades – 7” (18 cm) 11-4441S
    - TC Micro Fine Blades – 7” (18 cm) 11-4423S
    - Micro Fine Blades – 8.25” (21 cm) 11-4442S
    - Micro Fine Blades – 9” (23 cm) 11-4443S
    - Micro Fine Blades – 10” (25 cm) 11-4444S
  - Angled 45°
    - Micro Fine Blades – 4.25” (11 cm) 11-4445S
    - Micro Fine Blades – 7” (18 cm) 11-4446S
    - TC Micro Fine Blades – 7” (18 cm) 11-4424S
    - Micro Fine Blades – 8.25” (21 cm) 11-4447S
    - Micro Fine Blades – 9” (23 cm) 11-4448S
    - Micro Fine Blades – 10” (25 cm) 11-4449S
POTTS-DEMARTEL MICRO VASCULAR

- **Angled 60°**
  - Micro Fine Blades – 4.25” (11 cm) 11-4450S
  - Micro Fine Blades – 7” (18 cm) 11-4451S
  - TC Micro Fine Blades – 7” (18 cm) 11-4425S
  - Micro Fine Blades – 8.25” (21 cm) 11-4452S
  - Micro Fine Blades – 9” (23 cm) 11-4453S
  - Micro Fine Blades – 10” (25 cm) 11-4454S

- **Angled 90°**
  - Micro Fine Blades – 4.25” (11 cm) 11-4455S
  - Micro Fine Blades – 7” (18 cm) 11-4456S
  - TC Micro Fine Blades – 7” (18 cm) 11-4426S

- **Angled 125°**
  - Micro Fine Blades – 4.25” (11 cm) 11-4457S
  - Micro Fine Blades – 7” (18 cm) 11-4458S
  - TC Micro Fine Blades – 7” (18 cm) 11-4427S
  - Micro Fine V-Neck Blades – 8.25” (21 cm) 11-4459S

- **Angled 170°**
  - Micro Fine Blades – 7” (18 cm) 11-4460S
  - Micro Fine Blades – 8.25” (21 cm) 11-4461S
POTTS-SMITH MICRO VASCULAR

Angled 25°
- Short Fine Blades – 4.25” (11 cm)
- Short Fine Blades – 7” (18 cm)
- Short Fine Blades – 8” (20 cm)

11-4462S
11-4463S
11-4464S

Angled 45°
- Short Fine Blades – 4.25” (11 cm)
- Short Fine Blades – 7” (18 cm)
- Short Fine Blades – 8” (20 cm)

11-4465S
11-4466S
11-4467S

Angled 60°
- Short Fine Blades – 4.25” (11 cm)
- Short Fine Blades – 7” (18 cm)
- Short Fine Blades – 8” (20 cm)

11-4468S
11-4469S
11-4470S

Angled 90°
- Short Fine Blades – 4.25” (11 cm)
- Short Fine Blades – 7” (18 cm)
- Short Fine Blades – 8” (20 cm)

11-4471S
11-4472S
11-4473S

Angled 125°
- Short Fine Blades – 4.25” (11 cm)
- Short Fine Blades – 7” (18 cm)
- Short Fine Blades – 8” (20 cm)

11-4474S
11-4475S
11-4476S

Angled 125° V-Neck
- Short Fine V-Neck Blades – 4.25” (11 cm)
- Short Fine V-Neck Blades – 7” (18 cm)
- Short Fine V-Neck Blades – 8” (20 cm)

11-4477S
11-4478S
11-4479S
POTTS MICRO VASCULAR SHORT

Angled 25°
- Short Fine Blades – 4.25” (11 cm)
- Short Fine Blades – 7” (18 cm)
11-4480S
11-4481S

Angled 45°
- Short Fine Blades – 4.25” (11 cm)
- Short Fine Blades – 7” (18 cm)
- Short Fine Blades – 8.25” (21 cm)
11-4482S
11-4483S
11-4484S

Angled 60°
- Short Fine Blades – 4.25” (11 cm)
- Short Fine Blades – 7” (18 cm)
11-4485S
11-4486S

Angled 90°
- Short Fine Blades – 4.25” (11 cm)
- Short Fine Blades – 7” (18 cm)
11-4487S
11-4488S

Angled 125°
- Short Fine Blades – 7” (18 cm)
- Short Fine V-Neck Blades – 7” (18 cm)
11-4489S
11-4490S
POTTS MICRO-SPRING

**Straight**
- 10 mm Blades – 6” (15 cm) 11-5461S
- 10 mm Blades – 7” (18 cm) 11-5462S
- 10 mm Blades – 8.25” (21 cm) 11-5463S
- 10 mm Blades – 9” (23 cm) 11-5464S

**Curved**
- 10 mm Blades – 6” (15 cm) 11-5465S
- 10 mm Blades – 7” (18 cm) 11-5466S
- 10 mm Blades – 8.25” (21 cm) 11-5467S
- 10 mm Blades – 9” (23 cm) 11-5468S

**Angled 25°**
- Overall length – 7” (18 cm) 11-4491S

**Angled 45°**
- Overall length – 7” (18 cm) 11-4492S

**Angled 60°**
- Overall length – 7” (18 cm) 11-4493S

**Angled 90°**
- Overall length – 7” (18 cm) 11-4494S

**Angled 125°**
- Overall length – 7” (18 cm) 11-4495S

**Wide Flat Handle**
- Overall length – 7” (18 cm)
POTTS BAYONET

Angled 45° Bead tips

- Sharp Fine Blades – 7.25” (18.5 cm) 11-4527S

Angled 45°

- Sharp Fine Blades – 6.25” (16 cm) 11-4528S
- Sharp Fine Blades – 7.25” (18.5 cm) 11-4529S
- Sharp Fine Blades – 8.75” (22.5 cm) 11-4530S

Angled 90°

- Sharp Fine Blades – 6.25” (16 cm) 11-4531S
- Sharp Fine Blades – 7.25” (18.5 cm) 11-4532S

Angled 125°

- Sharp Fine Blades – 6.25” (16 cm) 11-4533S
- Sharp Fine Blades – 7.25” (18.5 cm) 11-4534S
- Sharp Fine Blades – 8.75” (22.5 cm) 11-4535S

MICRO BAYONET

Straight

- 14 mm Sharp Blades – 8” (20 cm) 11-5230S
- 14 mm Blunt Blades – 8” (20 cm) 11-5232S
- 16 mm Sharp Blades – 8” (20 cm) 11-5234S

Curved

- 14 mm Sharp Blades – 8” (20 cm) 11-5231S
- 14 mm Blunt Blades – 8” (20 cm) 11-5233S
- 16 mm Sharp Blades – 8” (20 cm) 11-5235S
MICRO

1. **Angled 25°**
   - Flat Sharp Fine Blades – 7” (18 cm)
   - 11-4536S

2. **Angled 45°**
   - Flat Sharp Fine Blades – 7” (18 cm)
   - 11-4537S

3. **Angled 60°**
   - Flat Sharp Fine Blades – 7” (18 cm)
   - 11-4538S

4. **Angled 90°**
   - Flat Sharp Fine Blades – 7” (18 cm)
   - 11-4539S
MICRO VANNAS

Angled 25°
Flat Vannas Blades – 7” (18 cm) 11-4540S

Angled 45°
Flat Vannas Blades – 7” (18 cm) 11-4541S

Wide Flat Handle
Angled 60°
Flat Vannas Blades – 7” (18 cm) 11-4542S

Angled 90°
Flat Vannas Blades – 7” (18 cm) 11-4543S
## MICRO BAYONET VANNAS

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<th>Blade Length</th>
<th>Code</th>
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<td>8.25” (21 cm)</td>
<td>11-4544S</td>
</tr>
<tr>
<td></td>
<td>8.75” (22.5 cm)</td>
<td>11-4545S</td>
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<tr>
<td></td>
<td>10” (25 cm)</td>
<td>11-4546S</td>
</tr>
<tr>
<td></td>
<td>12” (30.5 cm)</td>
<td>11-4547S</td>
</tr>
<tr>
<td></td>
<td>9.5” (23.5 cm)</td>
<td>11-4548S</td>
</tr>
<tr>
<td><strong>Curved Up Vannas</strong></td>
<td>8.25” (21 cm)</td>
<td>11-4549S</td>
</tr>
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<td></td>
<td>8.75” (22.5 cm)</td>
<td>11-4550S</td>
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<td>10” (25 cm)</td>
<td>11-4551S</td>
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<td>12” (30.5 cm)</td>
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</tr>
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<td></td>
<td>9.5” (23.5 cm)</td>
<td>11-4553S</td>
</tr>
<tr>
<td><strong>Curved Down Vannas</strong></td>
<td>8.75” (22.5 cm)</td>
<td>11-4554S</td>
</tr>
<tr>
<td></td>
<td>10” (25 cm)</td>
<td>11-4555S</td>
</tr>
<tr>
<td></td>
<td>12” (30.5 cm)</td>
<td>11-4556S</td>
</tr>
<tr>
<td></td>
<td>9.5” (23.5 cm)</td>
<td>11-4557S</td>
</tr>
<tr>
<td><strong>45° Angled-Up Vannas</strong></td>
<td>12” (30.5 cm)</td>
<td>11-4558S</td>
</tr>
</tbody>
</table>

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**Flat Handle**

**Vannas Blades**

- 8.25” (21 cm)
- 8.75” (22.5 cm)
- 10” (25 cm)
- 12” (30.5 cm)
- 9.5” (23.5 cm)
MICRO BAYONET

**Straight Vannas**
- Vannas Blades – 7.25” (18.5 cm)  
  SKU: 11-4559S
- Vannas Blades – 8.75” (22.5 cm)  
  SKU: 11-4560S
- Vannas Blades – 9.5” (23.5 cm)  
  SKU: 11-4561S

**Curved Up Vannas**
- Vannas Blades – 7.25” (18.5 cm)  
  SKU: 11-4562S
- Vannas Blades – 8.75” (22.5 cm)  
  SKU: 11-4563S
- Vannas Blades – 9.5” (23.5 cm)  
  SKU: 11-4564S

**Curved Down Vannas**
- Vannas Blades – 7.25” (18.5 cm)  
  SKU: 11-4565S
- Vannas Blades – 8.75” (22.5 cm)  
  SKU: 11-4566S
- Vannas Blades – 9.5” (23.5 cm)  
  SKU: 11-4567S

**Straight Vannas**
- Vannas Blades – 7” (18 cm)  
  SKU: 11-4568S
- Vannas Blades – 8.25” (21 cm)  
  SKU: 11-4569S
- Vannas Blades – 9” (23 cm)  
  SKU: 11-4570S

**Curved Vannas**
- Vannas Blades – 7” (18 cm)  
  SKU: 11-4571S
- Vannas Blades – 8.25” (21 cm)  
  SKU: 11-4572S
- Vannas Blades – 9” (23 cm)  
  SKU: 11-4573S
MICRO

- Sharp Fine Blades – 4.25” (11 cm) 11-4574S
- Sharp Fine Blades – 5.5” (14 cm) 11-4575S
- Sharp Fine Blades – 6.25” (16 cm) 11-4576S
- Sharp Fine Blades – 7” (18 cm) 11-4577S
- Fine Blades w/Blunt tips – 7” (18 cm) 11-4578S
- Sharp Fine Blades – 8.25” (21 cm) 11-4579S
- Sharp Fine Blades – 9” (23 cm) 11-4580S
- Sharp Fine Blades – 4.25” (11 cm) 11-4581S
- Sharp Fine Blades – 5.5” (14 cm) 11-4582S
- Sharp Fine Blades – 6.25” (16 cm) 11-4583S
- Sharp Fine Blades – 7” (18 cm) 11-4584S
- Fine Blades w/Blunt tips – 7” (18 cm) 11-4585S
- Sharp Fine Blades – 8.25” (21 cm) 11-4586S
- Sharp Fine Blades – 9” (23 cm) 11-4587S

UNIVERSAL MICRO

- 10 mm Blades – 4.2” (10.8 cm) 11-4588S

DIETRICH-POTTS CORONARY

- Sharp Fine Bead Blades – 7” (18 cm) 11-4589S
DIETHRICH-POTTS CORONARY

Angled 45°
Sharp Fine Bead Blades – 7” (18 cm) 11-4590S

Angled 60°
Sharp Fine Bead Blades – 7” (18 cm) 11-4591S

Angled 90°
Sharp Fine Bead Blades – 7” (18 cm) 11-4592S

Angled 125°
Sharp Fine Bead Blades – 7” (18 cm) 11-4593S

Round Handle

Angled 30°
16 mm Blades – 8” (20 cm) 11-5220S

Angled 45°
16 mm Blades – 8” (20 cm) 11-5222S
DIETHRICH-POTTS CORONARY

Round Handle

Angled 60°
16 mm Blades – 8" (20 cm) 11-5223S

Angled 90°
16 mm Blades – 8" (20 cm) 11-5224S

Angled 120°
16 mm Blades – 8" (20 cm) 11-5225S

Flat Handle

Angled 30°
16 mm Blades – 8" (20 cm) 11-5420S

Angled 45°
16 mm Blades – 8" (20 cm) 11-5422S

Angled 60°
16 mm Blades – 8" (20 cm) 11-5423S
**DIETRICH-POTTS CORONARY**

**Angled 90°**

- 16 mm Blades – 8” (20 cm)
- 11-5424S

**Angled 120°**

- 16 mm Blades – 8” (20 cm)
- 11-5425S

**Angled 30°**

- 15 mm Blades – 7” (18 cm)
- 11-5020S

**Angled 45°**

- 15 mm Blades – 7” (18 cm)
- 11-5022S

**Angled 60°**

- 15 mm Blades – 7” (18 cm)
- 11-5023S

**Flat Handle**

- 15 mm Blades – 7” (18 cm)
- 11-5024S

**Angled 120°**

- 15 mm Blades – 7” (18 cm)
- 11-5025S
YASARGIL MICRO-SPRING

**Straight**

- 14 mm Blades – 6.25” (16 cm) 11-5426S
- 14 mm Blades – 8” (20 cm) 11-5427S
- 27 mm Blades – 6.25” (16 cm) 11-5428S
- 27 mm Blades – 7” (18 cm) 11-5429S
- 27 mm Blades – 8” (20 cm) 11-5430S

**Curved**

- 14 mm Blades – 6.25” (16 cm) 11-5431S
- 14 mm Blades – 8” (20 cm) 11-5432S
- 27 mm Blades – 6.25” (16 cm) 11-5433S
- 27 mm Blades – 7” (18 cm) 11-5434S
- 27 mm Blades – 8” (20 cm) 11-5435S

YASARGIL MICRO-SPRING

**Straight**

- 14 mm Blades – 9” (23 cm) 11-5436S
- 27 mm Blades – 9” (23 cm) 11-5437S

**Curved Up**

- 14 mm Blades – 9” (23 cm) 11-5438S
- 27 mm Blades – 9” (23 cm) 11-5439S

**Curved Down**

- 14 mm Blades – 9” (23 cm) 11-5440S
YASARGIL MICRO-SPRING

**Straight Vannas**
14 mm Vannas Blades – 9” (23 cm)  
11-5441S

**Curved Vannas**
14 mm Vannas Blades – 9” (23 cm)  
11-5442S
YASARGIL MICRO-SPRING VANNAS

- **Straight Vannas**
  - Vannas Blades – 9” (23 cm)  
  - 11-5443S

- **Curved Vannas**
  - Vannas Blades – 9” (23 cm)  
  - 11-5444S

TOLEDO MICRO-SPRING

- **Straight**
  - 7 mm Blades – 6.5” (16.5 cm)  
  - 11-5445S
  - 10 mm Blades – 6.5” (16.5 cm)  
  - 11-5446S
  - 14 mm Blades – 6.5” (16.5 cm)  
  - 11-5447S

- **Curved Up**
  - 7 mm Blades – 6.5” (16.5 cm)  
  - 11-5448S
  - 10 mm Blades – 6.5” (16.5 cm)  
  - 11-5449S
  - 14 mm Blades – 6.5” (16.5 cm)  
  - 11-5450S

- **Toledo round handle**
  - 14 mm Blades – 6.5” (16.5 cm)  
  - 11-5451S

- **Angled 25°**
  - 14 mm Blades – 6.5” (16.5 cm)  
  - 11-5452S

- **Angled 45°**
  - 14 mm Blades – 6.5” (16.5 cm)  
  - 11-5453S
TOLEDO MICRO-SPRING

14 mm Blades – 6.5” (16.5 cm)  
11-5453S

14 mm Blades – 6.5” (16.5 cm)  
11-5454S

14 mm Blades – 6.5” (16.5 cm)  
11-5455S

14 mm Blades – 6.5” (16.5 cm)  
11-5456S

14 mm Blades – 6.5” (16.5 cm)  
11-5457S

14 mm Blades – 6.5” (16.5 cm)  
11-5458S

14 mm Blades – 6.5” (16.5 cm)  
11-5459S
TOLEDO MICRO-SPRING

14 mm Blades – 6.5” (16.5 cm)  11-5460S

HEGEMANN

Angled 25°
Micro Fine Blades – 5.5” (14.5 cm)  11-4638S
Micro Blades – 5.5” (14.5 cm)  11-4598S
HCC Super cut Blades – 7” (18 cm)  11-4401S
Super Cut Blades – 7” (18 cm)  11-4240S
SPL Super Cut Blades – 7” (18 cm)  11-4512S

Angled 45°
Micro Fine Blades – 5.5” (14.5 cm)  11-4594S
Micro Blades – 5.5” (14.5 cm)  11-4599S
HCC Super Cut Blades – 7” (18 cm)  11-4402S
Super Cut Blades – 7” (18 cm)  11-4241S
SPL Super Cut Blades – 7” (18 cm)  11-4513S

Angled 60°
Micro Fine Blades – 5.5” (14.5 cm)  11-4595S
Micro Blades – 5.5” (14.5 cm)  11-4600S
HCC Super Cut Blades – 7” (18 cm)  11-4403S
Super Cut Blades – 7” (18 cm)  11-4242S
SPL Super Cut Blades – 7” (18 cm)  11-4514S

Angled 90°
Micro Fine Blades – 5.5” (14.5 cm)  11-4596S
Micro Blades – 5.5” (14.5 cm)  11-4601S
HCC Super Cut Blades – 7” (18 cm)  11-4404S
Super Cut Blades – 7” (18 cm)  11-4243S
SPL Super Cut Blades – 7” (18 cm)  11-4515S

Angled 125°
Micro Fine Blades – 5.5” (14.5 cm)  11-4597S
Micro Blades – 5.5” (14.5 cm)  11-4602S
Super Cut Blades – 7” (18 cm)  11-4244S
DIETHRICH-POTTS

**Angled 25°**
- Micro Fine Blades – 7” (18 cm) 11-4603S
- Micro Fine Blades – 7.5” (19 cm) 11-4604S
- Micro Fine Blades – 8.5” (21.5 cm) 11-4605S

**Angled 45°**
- Micro Fine Blades – 7” (18 cm) 11-4606S
- Micro Fine Blades – 7.5” (19 cm) 11-4607S
- Micro Fine Blades – 8.5” (21.5 cm) 11-4608S

**Ring Handle**

**Angled 60°**
- Micro Fine Blades – 7” (18 cm) 11-4609S
- Micro Fine Blades – 7.5” (19 cm) 11-4610S
- Micro Fine Blades – 8.5” (21.5 cm) 11-4611S

**Angled 90°**
- Micro Fine Blades – 7” (18 cm) 11-4612S
- Micro Fine Blades – 7.5” (19 cm) 11-4613S
- Micro Fine Blades – 8.5” (21.5 cm) 11-4614S

**Angled 125°**
- Micro Fine Blades – 7” (18 cm) 11-4615S
- Micro Fine Blades – 7.5” (19 cm) 11-4616S
- Micro Fine Blades – 8.5” (21.5 cm) 11-4617S
- Micro Fine Blades w/Stabilizer bar – 7.5” (19 cm) 11-4618S

**Angled 25°**
- Micro Fine Blades – 7.5” (19 cm) 11-4245S
- HCC Micro Fine Blades – 7.5” (19 cm) 11-4248S
- SPL Micro Fine Blades – 7.5” (19 cm) 11-4231S
**DIETHRICH-POTTS**

- **Angled 45°**
  - Micro Fine Blades – 7.5” (19 cm) 11-4246S
  - HCC Micro Fine Blades – 7.5” (19 cm) 11-4249S
  - SPL Micro Fine Blades – 7.5” (19 cm) 11-4232S

- **Angled 60°**
  - Micro Fine Blades – 7.5” (19 cm) 11-4247S
  - HCC Micro Fine Blades – 7.5” (19 cm) 11-4230S

**FAVALORO**

- **Angled 125°**
  - Micro Fine Blades – 6.75” (17 cm) 11-4619S
  - Micro Fine Blades – 8.25” (21 cm) 11-4620S

- **Curved Ring Handle**
  - Micro Fine Blades – 6.3” (16 cm) 11-4428S
BEALL CIRCUMFLEX

Angled 115°

Ring Handle

Sharp Blades – 5.75” (14.5 cm) 11-4623S
Blunt Blades – 5.75” (14.5 cm) 11-4624S

POTT-SMITH

Angled 25°

HCC Blades – 7.5” (19 cm) 11-4301S

Angled 45°

HCC Blades – 7.5” (19 cm) 11-4302S

Angled 60°

HCC Blades – 7.5” (19 cm) 11-4303S
DeBAKEY

**Angled 25°**
- Sharp Blades – 6.75" (17 cm)
- 11-4304S
- Blunt Blades – 6.75" (17 cm)
- 11-4305S

**Angled 45°**
- Sharp Blades – 6.75" (17 cm)
- 11-4306S

**Angled 60°**
- Sharp Blades – 6.75" (17 cm)
- 11-4307S

**Ring Handle**

**Angled 25°**
- Semiround Blades – 6.3" (16 cm)
- 11-4233S
- Semiround Blades – 9" (23 cm)
- 11-4234S

**Angled 45°**
- TC Blades – 9" (23 cm)
- 11-4235S
- Semiround Blades – 6.3" (16 cm)
- 11-4236S
- Semiround Blades – 9" (23 cm)
- 11-4237S

**Angled 60°**
- Semiround Blades – 6.3" (16 cm)
- 11-4140S
- Semiround Blades – 9" (23 cm)
- 11-4141S
DeBAKEY

- Full Curved Ring Handle
  - 6.75” (17 cm)
  - 11-4137S

Demarrel Vascular

- Curved Ring Handle
- Straight Ring Handle

- Sharp Blades – 6.75” (18 cm)
  - 11-4625S
- Blunt Blades – 7” (18 cm)
  - 11-4142S

- Sharp Blades – 6.75” (18 cm)
  - 11-4627S
- Blunt Blades – 7” (18 cm)
  - 11-4143S
LILLEHEI POTTS

- **Straight Handle**
  - Sharp Blades – 7” (18 cm) 11-4629S
  - Blunt Blades – 7” (18 cm) 11-4630S
  - Tenotomy Blades – 7” (18 cm) 11-4631S

- **Curved Handle**
  - Sharp Blades – 7” (18 cm) 11-4632S
  - Blunt Blades – 7” (18 cm) 11-4633S
  - Tenotomy Blades – 7” (18 cm) 11-4634S

CHURCH

- **Curved Handle**
  - Blunt Blades – 6.75” (17 cm) 11-5031S

LINCOLN

- **Straight Handle**
  - Sharp Blades – 6.75” (17 cm) 11-5032S
  - Blunt Blades – 10” (25 cm) 11-4635S

- **Curved Handle**
  - Sharp Blades – 6.75” (17 cm) 11-5033S
  - Blunt Blades – 10” (25 cm) 11-4636S
COOLEY

- Curved Ring Handle
  - Blunt Blades – 7.25” (18.5 cm)
  - Blunt Blades – 9” (23 cm)
  - Part No. 11-5034S
  - Part No. 11-5035S

DIETHRICH VALVE

- Full Curved Ring Handle
  - One Serrated blade – 9” (23 cm)
  - Part No. 11-5036S

- Full Curved Curved Ring Handle
  - One Serrated blade – 9” (23 cm)
  - Part No. 11-5037S

- Full Curved Blunt Blades – 9” (23 cm)
  - Part No. 11-5038S

- Full Curved Blunt Blades – 9” (23 cm)
  - Part No. 11-5039S
OPERATION

HCC BT Sharp/Blunt Blades – 5.7" (14.5 cm) 11-4501S

WIRE CUTTING

TC Coated Blades – 4.7" (12 cm) 11-4148S
TC Coated Blades – 4.7" (12 cm) 11-4145S

JAMESON

Blunt Blades – 6" (15 cm) 11-4149S
### STEVENS

- **Straight Ring Handle**
  - Sharp Tenotomy Blades – 4.25” (10.5 cm) 11-7004S
  - Blunt Tenotomy Blades – 4.25” (10.5 cm) 11-7005S
  - Sharp Tenotomy Blades – 4.5” (11 cm) 11-7006S
  - Blunt Tenotomy Blades – 4.5” (11 cm) 11-7007S
  - Blunt Blades – 4.6” (11.5 cm) 11-7008S
  - BT Blunt Blades – 4.6” (11.5 cm) 11-4146S
  - HCC Blunt Blades – 4.6” (11.5 cm) 11-4150S

- **Curved Ring Handle**
  - Sharp Tenotomy Blades – 4.25” (10.5 cm) 11-7010S
  - Blunt Tenotomy Blades – 4.25” (10.5 cm) 11-7011S
  - Sharp Tenotomy Blades – 4.5” (11 cm) 11-7012S
  - Blunt Tenotomy Blades – 4.5” (11 cm) 11-7013S
  - Blunt Blades – 4.6” (11.5 cm) 11-7009S
  - BT Blunt Blades – 4.6” (11.5 cm) 11-4147S
  - HCC Blunt Blades – 4.6” (11.5 cm) 11-4151S

### JABALEY

- **Straight Ring Handle**
  - HCC Blades BT – 5.1” (13 cm) 11-7153S
  - HCC Blades – 5.1” (13 cm) 11-7155S

- **Curved Ring Handle**
  - HCC Blades BT – 5.1” (13 cm) 11-7154S
  - HCC Blades – 5.1” (13 cm) 11-7156S
REYNOLDS

7” (18 cm) 11-7014S
BT – 6.3” (16 cm) 11-4152S
BT – 7” (18 cm) 11-4153S
HCC Blades – 6.3” (16 cm) 11-4154S
BT – 7” (18 cm) 11-4155S
HCC Blades BT – 5.9” (15 cm) 11-7032S
HCC Blades – 7” (18 cm) 11-7033S

RAGNELL

Blunt Blades – 5” (12.5 cm) 11-4156S
Blunt Blades – 6” (15 cm) 11-4157S
Blunt Blades – 7” (18 cm) 11-4158S
Blunt Blades – 8” (20 cm) 11-4159S
Blunt Blades – 9” (23 cm) 11-4166S
Blunt Blades – 9.8” (25 cm) 11-4167S
BT – 5.1” (13 cm) 11-4160S
BT – 5.9” (15 cm) 11-4161S
BT – 7” (18 cm) 11-4162S
HCC Blades – 5.1” (13 cm) 11-4163S
HCC Blades – 5.9” (15 cm) 11-4164S
HCC Blades – 7” (18 cm) 11-4165S

METZENBAUM

HCC Blades BT – 4.5” (11.5 cm) 11-4101S
HCC Blades BT – 5.5” (14 cm) 11-4103S
HCC Blades BT – 7” (18 cm) 11-4104S
HCC Blades BT – 8” (20 cm) 11-4105S
HCC Blades BT – 9” (23 cm) 11-4106S
HCC Blades BT – 10.2” (26 cm) 11-4107S
HCC Blades BT – 11.8” (30 cm) 11-4108S
METZENBAUM

HCC Blades BT – 4.5” (11.5 cm) 11-4111S
HCC Blades BT – 5.5” (14 cm) 11-4112S
HCC Blades BT – 5.9” (15 cm) 11-4113S
HCC Blades BT – 7” (18 cm) 11-4114S
HCC Blades BT – 8” (20 cm) 11-4115S
HCC Blades BT – 9” (23 cm) 11-4116S
HCC Blades BT – 10.2” (26 cm) 11-4117S
HCC Blades BT – 11.8” (30 cm) 11-4118S

Dissecting Blades – 5.5” (14 cm) 11-7056S

MAYO

HCC Blades BT – 5.7” (14.5 cm) 11-4201S
HCC Blades BT – 6.75” (17 cm) 11-4202S
HCC Blades BT – 9” (23 cm) 11-4203S

HCC Blades BT – 5.7” (14.5 cm) 11-4204S
HCC Blades BT – 6.75” (17 cm) 11-4205S
HCC Blades BT – 9” (23 cm) 11-4206S
METZENBAUM

HCC Fine Blades BT – 5.5" (14 cm)  11-4121S
HCC Fine Blades BT – 7" (18 cm)  11-4122S
HCC Fine Blades BT – 8" (20 cm)  11-4123S
HCC Fine Blades BT – 9" (23 cm)  11-4124S
7" (18 cm)                                     11-7057S
HCC Blades – 5.5" (14 cm)                      11-7061S
HCC Blades – 7" (18 cm)                        11-7062S
HCC Blades – 8" (20 cm)                        11-7063S
HCC Blades – 9" (23 cm)                        11-7064S
HCC Blades – 10.2" (26 cm)                     11-7065S
HCC Blades – 11.8" (30 cm)                     11-7066S
HCC Blades – 5.5" (14 cm) SLIM                 11-7073S
HCC Blades – 7" (18 cm) SLIM                   11-7074S
HCC Blades – 8" (20 cm) SLIM                   11-7075S
HCC Blades – 9" (23 cm) SLIM                   11-7076S

HCC Fine Blades BT – 5.5" (14 cm)  11-4131S
HCC Fine Blades BT – 7" (18 cm)  11-4132S
HCC Fine Blades BT – 8" (20 cm)  11-4133S
HCC Fine Blades BT – 9" (23 cm)  11-4134S
HCC Fine Blades BT – 10.2" (26 cm)  11-4135S
HCC Fine Blades BT – 11.2" (28.5 cm)  11-4136S
4.5" (11.5 cm)                             11-7051S
5.5" (14 cm)                                 11-7052S
7" (18 cm)                                   11-7053S
8" (20 cm)                                   11-7054S
9" (23 cm)                                   11-7055S
HCC Blades – 4.5" (11.5 cm)                 11-7067S
HCC Blades – 5.5" (14 cm)                   11-7068S
HCC Blades – 7" (18 cm)                      11-7069S
HCC Blades – 8" (20 cm)                      11-7070S
HCC Blades – 9" (23 cm)                      11-7071S
HCC Blades – 10.2" (26 cm)                   11-7072S
HCC Blades – 5.5" (14 cm) SLIM               11-7077S
HCC Blades – 7" (18 cm) SLIM                 11-7078S
HCC Blades – 8" (20 cm) SLIM                 11-7079S
HCC Blades – 9" (23 cm) SLIM                 11-7080S

HCC Blades – 5.5" (14 cm) SLIM               11-7076S
HCC Blades – 7" (18 cm) SLIM                 11-7077S
HCC Blades – 8" (20 cm) SLIM                 11-7078S
HCC Blades – 9" (23 cm) SLIM                 11-7079S
HCC Blades – 11.8" (30 cm)                   11-7080S
MAYO

Straight

HCC Blades – 5.7” (14.5 cm) 11-7081S
HCC Blades – 6.75” (17 cm) 11-7082S
HCC Blades – 9” (23 cm) 11-7083S

Ring Handle

Curved

HCC Blades – 5.7” (14.5 cm) 11-7084S
HCC Blades – 6.75” (17 cm) 11-7085S
HCC Blades – 9” (23 cm) 11-7086S

MAYO HARRINGTON

Straight

9” (23 cm) 11-7091S
TC Coated Blades – 9” (23 cm) 11-7093S

Ring Handle

Curved

9” (23 cm) 11-7092S
TC Coated Blades – 9” (23 cm) 11-7094S
MAYO STILLE

Straight

HCC Blades BT – 6” (15 cm)  11-4211S
HCC Blades BT – 6.75” (17 cm)  11-4212S

Curved

HCC Blades BT – 6” (15 cm)  11-4221S
HCC Blades BT – 6.75” (17 cm)  11-4222S
HCC Blades – 6” (15 cm)  11-7095S

BONN

Straight

19 mm Blades – 3.5” (9 cm)  11-7096S
JOSEPH

Straight

HCC Blades BT 5.9” (15 cm)
HCC Blades – 5.9” (15 cm)
11-7161S
11-7163S

Ring Handle

Curved

HCC Blades BT- 5.9” (15 cm)
HCC Blades – 5.9” (15 cm)
11-7162S
11-7164S

PECK JOSEPH

Straight

HCC Sharp Blades BT – 5.5” (14 cm)
HCC Sharp Blades – 5.5” (14 cm)
11-7165S
11-7167S

Ring Handle

Curved

HCC Sharp Blades BT- 5.5” (14 cm)
HCC Sharp Blades – 5.5” (14 cm)
11-7166S
11-7168S
KELLY

Straight

HCC Blades BT – 6” (16 cm) 11-7171S
HCC Blades – 6” (16 cm) 11-7173S

Curved

HCC Blades BT – 6” (16 cm) 11-7172S
HCC Blades – 6” (16 cm) 11-7174S

KAYE BLEPHAROPLASTY

Curved

HCC Blepharal Blades BT – 4.5” (11.5 cm) 11-7181S
HCC Blades BT – 5.9” (15 cm) 11-7182S
HCC Blades BT – 6.7” (17 cm) 11-7183S
HCC Blades BT – 7.5” (19 cm) 11-7184S
HCC Blepharal Blades – 4.5” (11.5 cm) 11-7185S
HCC Blades – 5.9” (15 cm) 11-7186S
HCC Blades – 6.7” (17 cm) 11-7187S
HCC Blades – 7.5” (19 cm) 11-7188S

FREEMAN

Curved

HCC Blades BT – 6.7” (17 cm) 11-7192S
HCC Blades – 6.7” (17 cm) 11-7193S
GORNEY

- HCC Blades BT – 6.7” (17 cm) 11-7201S
- HCC Blades BT – 7.5” (19 cm) 11-7202S
- HCC Blades BT – 9” (23 cm) 11-7203S
- HCC Blades – 6.7” (17 cm) 11-7204S
- HCC Blades – 7.5” (19 cm) 11-7205S
- HCC Blades – 9” (23 cm) 11-7206S

LAINE KINDAL

- Tenotomy Blades – 7” (18 cm) 11-7208S
- Sharp Blades – 7” (18 cm) 11-7207S
## SYNAPSE

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**MISCELLANEOUS INSTRUMENTS**

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MISCELLANEOUS INSTRUMENTS

RUMEX presents a big range of miscellaneous instruments for surgeons’ comfort and confidence in the operating room!

Alternative stainless steel and titanium analogs are available upon request.

Customized instruments are available upon request.
CASTROVIEJO CALIPER

Straight tips w/ 20 mm measurements – 3.2” (8.2 cm)

2-010T

VASCULAR DILATOR

1.0 mm tip – 5.5” (15.5 cm) 10-1001T
1.5 mm tip – 5.5” (15.5 cm) 10-1002T
2.0 mm tip – 5.5” (15.5 cm) 10-1003T
2.5 mm tip – 5.5” (15.5 cm) 10-1004T

GARRET VASCULAR DILATOR

0.50 mm tip – 5.5” (15.5 cm) 10-1005T
1 mm tip – 5.5” (15.5 cm) 10-1006T
1.25 mm tip – 5.5” (15.5 cm) 10-1007T
1.5 mm tip – 5.5” (15.5 cm) 10-1008T
1.75 mm tip – 5.5” (15.5 cm) 10-1009T
2 mm tip – 5.5” (15.5 cm) 10-1010T
2.5 mm tip – 5.5” (15.5 cm) 10-1011T
3 mm tip – 5.5” (15.5 cm) 10-1012T
3.5 mm tip – 5.5” (15.5 cm) 10-1013T
4 mm tip – 5.5” (15.5 cm) 10-1014T
4.5 mm tip – 5.5” (15.5 cm) 10-1015T
5 mm tip – 5.5” (15.5 cm) 10-1016T
0.50 mm tip – 8.25” (21 cm) 10-1017T
1 mm tip – 8.25” (21 cm) 10-1018T
1.25 mm tip – 8.25” (21 cm) 10-1019T
1.5 mm tip – 8.25” (21 cm) 10-1020T
1.75 mm tip – 8.25” (21 cm) 10-1021T
2 mm tip – 8.25” (21 cm) 10-1022T
2.25 mm tip – 8.25” (21 cm) 10-1023T
2.5 mm tip – 8.25” (21 cm) 10-1024T
3 mm tip – 8.25” (21 cm) 10-1025T
3.5 mm tip – 8.25” (21 cm) 10-1026T
4 mm tip – 8.25” (21 cm) 10-1027T
4.5 mm tip – 8.25” (21 cm) 10-1028T
5 mm tip – 8.25” (21 cm) 10-1029T
ENDARTERECTOMY SPATULA

Round Handle
1.5 mm tip – 7” (18 cm) 10-1057T

ENDARTERECTOMY LOOPS

Round Handle
Set of 6 loops, (graduating widths 20-30 gauge) – 5” (13 cm) 17-4010T

ENDARTERECTOMY LOOPS

Round Handle
2 mm – 21.75” (55 cm) 17-4001S
3 mm – 21.75” (55 cm) 17-4002S
4 mm – 21.75” (55 cm) 17-4003S
6 mm – 21.75” (55 cm) 17-4004S
7 mm – 21.75” (55 cm) 17-4005S
8.5 mm – 21.75” (55 cm) 17-4006S
10 mm – 21.75” (55 cm) 17-4007S
12 mm – 21.75” (55 cm) 17-4008S
14 mm – 21.75” (55 cm) 17-4009S

ENDARTERECTOMY LOOPS

Round Handle
Overall length – 4.375” (12 cm) 17-4101S

MICRO ARACHNOIDEAL KNIFE

Round Handle
10 mm blades – 7” (18 cm) 10-1102T
BARD PARKER HANDLE / SCALPEL HOLDER

Bard-Parker Handle – #3 for 10, 11, 12 & 15 blade – 5” (13 cm)  10-1191T
Bard-Parker Handle – #7 for 10, 11, 12 & 15 blade – 6.25” (16.5 cm)  10-1192T
Scalpel Blade Holder – 14.5” (37 cm)  10-1193T

IN SITU VALVUTOMES

Round Handle
0.80 mm cutting edge – 9” (23 cm)  10-1195T
0.80 mm cutting edge – 12” (30 cm)  10-1196T

VASCULAR PROBES

1 mm – 7” (18 cm)  9-5001S
1.5 mm – 7” (18 cm)  9-5002S
2 mm – with oliva – 7” (18 cm)  9-5003S
2.5 mm – with oliva – 7” (18 cm)  9-5004S

RUSKIN LISTON BONE CUTTING FORCEPS

Overall length – 7” (18 cm)  17-7001S
Overall length – 7” (18 cm)  17-7002S
UNIVERSAL TUBING SCISSORS

Overall length – 7” (18 cm) 10-7101S

AORTA VEIN PUNCH

4 mm – 5.9” (15 cm) 17-6001S
5 mm – 5.9” (15 cm) 17-6002S
6 mm – 5.9” (15 cm) 17-6003S

TOWEL FORCEPS

Ring handle, Overall length 90 mm, Stainless Steel 16-081S

SCHAEDEL TOWEL CLAMP

Flat serrated handle, Overall length 85 mm, Stainless Steel 16-080S
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DISSECTORS

OLIVECRONA DOUBLE-ENDED DISSECTOR

- Round Handle
  - Delicate (2 mm / 3 mm tips) w/Ligature Guide – 7” (18 cm) 10-1051T
  - Delicate (2 mm / 3 mm tips) w/Ligature Guide – 9.5” (24 cm) 10-1052T
  - Regular (4 mm / 5 mm tips) w/Ligature Guide – 7” (18 cm) 10-1053T
  - Regular (4 mm / 5 mm tips) w/Ligature Guide – 9.5” (24 cm) 10-1054T

OCHSNER DOUBLE-ENDED DISSECTOR

- Round Handle
  - 1 mm / 2 mm tips – 7” (18 cm) 10-1055T
  - 3 mm / 4 mm tips – 7” (18 cm) 10-1056T

VARADY PHLEBECTOMY EXTRACTOR

- Overall length – 7” (18 cm) 13-4001S

MICRO DISSECTOR

- Round Handle
  - Dissector Small tip – 7.75” (19.5 cm) 13-5004T
  - Dissector Medium tip – 7.75” (19.5 cm) 13-5005T
  - Dissector Large tip – 7.75” (19.5 cm) 13-5006T
  - Elevator tip- 7.75” (19.5 cm) 13-5007T
**MICRO DISSECTOR**

- **Elevator tip – 7.75” (19.5 cm)**
  - 13-5008T

- **Spatula Dissector**
  - Small tip – 7.75” (19.5 cm)
    - 13-5009T
  - Medium tip – 7.75” (19.5 cm)
    - 13-5010T
  - Large tip – 7.75” (19.5 cm)
    - 13-5011T

- **Micro Hook**
  - Semi-Sharp tip – 7.75” (19.5 cm)
    - 13-5012T
    - 13-5013T
    - 13-5014T

- **Micro-Needle**
  - Semi-Sharp tip – 7.75” (19.5 cm)
    - 13-5015T
MICRO DISSECTOR

Micro Curette tip – 7.75” (19.5 cm)  
13-5016T

Round Handle

Angled 45°  
4 mm Micro Tear-Drop tip – 7.75” (19.5 cm)  
8 mm Micro Tear-Drop tip – 7.75” (19.5 cm)  
13-5018T  
13-5019T

Angled 90°  
3 mm Micro Tear-Drop tip – 7.75” (19.5 cm)  
5 mm Micro Tear-Drop tip – 7.75” (19.5 cm)  
13-5020T  
13-5021T

Angled 90°  
2 mm Blunt tip – 7.75” (19.5 cm)  
3 mm Blunt tip – 7.75” (19.5 cm)  
13-5022T  
13-5023T

Straight

Overall length – 7.75” (19.5 cm)  
3 mm tip – 8.7” (22 cm)  
13-5024T  
13-5001T

Angled 90°  
2 mm Blunt tip – 7.75” (19.5 cm)  
3 mm Blunt tip – 7.75” (19.5 cm)  
13-5022T  
13-5023T

Micro Curette tip – 7.75” (19.5 cm)  
13-5017T
MICRO DISSECTOR

Bayonet Round Handle

Straight

2 mm tips – 8.7" (22 cm) 13-5003

TRANSSPHENOIDAL BAYONET DISSECTOR

Angled up

3 mm Curette – 9.5" (24 cm) 10-1151T
5 mm Curette tip – 9.5" (24 cm) 10-1152T

Angled down

3 mm Curette tip – 9.5" (24 cm) 10-1153T
5 mm Curette tip – 9.5" (24 cm) 10-1154T

Angled up 45°

3 mm Curette tip – 9.5" (24 cm) 10-1155T
5 mm Curette tip – 9.5" (24 cm) 10-1156T

Angled up

3 mm Dissecting tip – 9.5" (24 cm) 10-1157T

Angled down

5 mm Dissecting tip – 9.5" (24 cm) 10-1158T
TRANSSPHENOIDAL BAYONET DISSECTOR

Angled Left

Micro Enucleator tip – 9.5” (24 cm) 10-1159T

Angled Right

Micro Enucleator tip – 9.5” (24 cm) 10-1160T

Round Handle

Angled Left

Standard Enucleator tip – 9.5” (24 cm) 10-1161T
Standard Enucleator tip – 9.5” (24 cm) 10-1162T

Angled

Round Sharp Dissector tip- 9.5” (24 cm) 10-1166T

Knife handle

vertical – 9.5” (24 cm) 10-1164T
lateral – 9.5” (24 cm) 10-1165T
PENFIELD DISSECTOR

- Slightly Curved: 6 mm Double-ended Blunt Dissector tip & 6 mm Sharp Round Spoon – 7.25” (18.5 cm) | 10-1171T
- Slightly Curved: 6 mm Double-ended Blunt Dissector tip & Wax Packer – 7.75” (19.5 cm) | 10-1172T
- Full Curved: 6 mm Double-ended Blunt Dissector tip & Wax Packer – 7.75” (19.5 cm) | 10-1173T
- Slightly Curved: Blunt Dissector tip – 8.25” (21 cm) | 10-1174T
- Slightly Curved: 7 mm Double-ended Blunt Dissector tip – 11.5” (29 cm) | 10-1175T
## Hooks and Cannulas

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HOOKS AND CANNULAS

I.M.A. HEPARIN CANNULA

1.5 mm tip w/Malleable Shaft – 2.75” (7 cm) 10-1101S

NERVE HOOK

Shaft w/ball tip – 7” (18 cm) 10-1121T

30° Angled Short

30° Angled Long

Round Handle

KRAYENBUHL HOOKS

Ball tip – 7” (18 cm) 10-1141T

Angled 15°

Angled 30°

Round Handle

Ball tip – 7” (18 cm) 10-1142T
KRAYENBUHL HOOKS

- **Angled 45°**
  - Ball tip – 7” (18 cm)
  - 10-1143T

- **Angled 90°**
  - Ball tip – 7” (18 cm)
  - 10-1144T

- **Round Handle**
  - 90° Ball
    - Ball blunt tip – 7” (18.5 cm)
    - 10-1145T

- **90° Angled**
  - 2 mm hook depth – 7.25” (18.5 cm)
    - 10-4114
  - 2.5 mm hook depth – 7.25” (18.5 cm)
    - 10-4115
  - 3 mm hook depth – 7.25” (18.5 cm)
    - 10-4112
  - 3.5 mm hook depth – 7.25” (18.5 cm)
    - 10-4113

STYLELET

- For use w/6 mm & 8 mm huggers – 8.25” (21 cm)
  - 10-1181T
- For use w/6 mm & 1.6 mm huggers – 10” (25 cm)
  - 10-1182T
- Suture Puller – 13.75” (35 cm)
  - 10-1183T

CUSHING VEIN HOOK

- 14 mm blade – 8” (20 cm)
  - 10-4401S
## PLIERS AND RONGEURS

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PLIERS AND RONGEURS

RUMEX MANUFACTURES EXTREMELY STRONG, COMFORTABLE AND VERSATILE WIRE PLIERS AND RONGEURS WITH VARIABLE CUTTING STRENGTH, EVEN WITH TC INSERTS FOR ADDITIONAL STRENGTH AND DURABILITY

WIRE-TWISTER PLIERS

5 mm tip 10-7102S
7 mm tip 10-7103S
4 mm tip 10-7104S

WIRE PLIERS

Overall length – 5.5” (14 cm) 10-7105S

WIRE PLIERS

1.5 mm hard wires 10-7106S
2 mm soft wires 10-7107S
TC WIRE PLIERS

TC – 2.0 mm soft wires to 1.6 mm
hard wires – 6.88” (17.5 cm)
TC – 2.5 mm hard and soft wires – 9” (23 cm)
10-7108S

10-7110S

VASCULAR RONGEURS

3 mm Bailey, Straight – 4.7” (12 cm)
10-7141T
3 mm Bailey, 25° down – 4.7” (12 cm)
10-7142T
3 mm Bailey, 70° down – 4.7” (12 cm)
10-7143T
3 mm Bailey, 90° down – 4.7” (12 cm)
10-7144T
3 mm Bailey, 45° down – 4.7” (12 cm)
10-7145T

VASCULAR RONGEURS

Overall length – 7.5” (19 cm)
10-7147T
BONE BITING RONGEURS

Smith – Peterson tips – 9.5” (24 cm) 10-7151S

Smith – Peterson tips – 9.5” (24 cm) 10-7152S

Smith – Peterson tips – 9.5” (24 cm) 10-7153S
RETRACTORS AND SPREADERS

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Retractors and Spreaders

RUMEX Manufactures the most comprehensive range of cardiovascular and thoracic retractors and spreaders that can be used for most surgical procedures in the field both in Titanium and Stainless Steel.

Soft Tissue Retractor

2 Sharp prongs w/Titanium Round handle Shaft – 7” (18 cm) 10-5005T
4 Sharp prongs w/Titanium Round handle Shaft – 7” (18 cm) 10-5006T
3.5 mm Small blade with 2 prongs – 8” (20 cm) 10-5001
8 mm Large blade with 4 prongs – 8” (20 cm) 10-5002

Desmarres Retractor

5 mm Wide blade – 7.25” (18.5 cm) 10-1201T
7 mm Wide blade – 4.75” (12 cm) 10-1202T
7 mm Wide blade – 7.25” (18.5 cm) 10-1203T
9 mm Wide blade – 4.75” (12 cm) 10-1204T
9 mm Wide blade – 7.25” (18.5 cm) 10-1205T
10 mm Wide blade – 4.75” (12 cm) 10-1206T
10 mm Wide blade – 7.25” (18.5 cm) 10-1207T
11 mm Wide blade – 4.75” (12 cm) 10-1208T
11 mm Wide blade – 7.25” (18.5 cm) 10-1209T
13 mm Wide blade – 4.75” (12 cm) 10-1210T
13 mm Wide blade – 7.25” (18.5 cm) 10-1211T
15 mm Wide blade – 4.75” (12 cm) 10-1212T
15 mm Wide blade – 7.25” (18.5 cm) 10-1213T

Deaver Baby Retractor

25 mm blade – 8” (20 cm) 10-4501S
SOFT TISSUE RETRACTOR

- Small size blade – 7” (18.5 cm) 10-5007T
- Medium size blade – 7” (18.5 cm) 10-5008T
- Large size blade – 7” (18.5 cm) 10-5009T

ARMY NAVY RETRACTOR

- Army Navy Retractor – Set of 2 10-4101T

IONESCU RETRACTOR

- Double-Ended Leaflet valve retractor, small – 8.25” (21 cm) 10-4102T
- Double-Ended Leaflet valve retractor, medium – 7.125” (18.1 cm) 10-4103T
- Double-Ended Leaflet valve retractor, large – 9” (23 cm) 10-4104T
**PEDIATRIC RETRACTOR**

2 pairs of Interchangeable blades  
Retractor Spread – 2.25” (5.7 cm)  
Blades 1 & 2 depth – 0.75” (2 cm)  
Blades 1 (solid) width – 0.75” (2 cm)  
Blades 2 (w/Window) width – 0.4” (1 cm)  
10-5101T

Pediatric Retractor Blades – 1 pair of Interchangeable Blades,  
15 mm × 30 mm, Titanium  
10-5102T

**FINOCCHIETTO PEDIATRIC RETRACTOR**

Finocchietto Pediatric Retractor  
Retractor Spread – 3” (7 cm)  
Arm length – 1.42” (3.6 cm)  
Blade width – 0.75” (2 cm)  
Blade depth – 0.6875” (1.7 cm)  
10-5103T

**PEDIATRIC RIBBON RETRACTOR**

3 cm T Shaped End – 1.1 cm width (malleable)  
10-4105T  
2.5 cm T Shaped End – 1.25 cm width (malleable)  
10-4106T  
3.8 cm T Shaped End – 1.4 cm width (malleable)  
10-4107T  
4.5 cm T Shaped End – 1.6 cm width (malleable)  
10-4108T  
2.5 cm T Shaped End – 1.1 cm width (malleable)  
10-4109T
FINOCHIETTO RETRACTORS

Retractor Spread – 3.5” (9 cm)
Arm length – 3.25” (8 cm)
Blade width – 0.75” (2 cm)
Blade depth – 0.75” (2 cm)

10-5104T

Retractor Spread – 6” (15 cm)
Blade width – 1.5” (4 cm)
Blade depth – 1.25” (3.2 cm)

10-5105T

Retractor Spread – 10” (25 cm)
Blade width – 2.5” (6.5 cm)
Blade depth – 2.75” (7 cm)

10-5106T

Retractor Spread – 8” (20 cm)
Blade width – 2.5” (6.5 cm)
Blade depth – 1.75” (4.5 cm)

10-5107T

Retractor Spread – 6.7” (17 cm)
Blade width – 3” (7.3 mm)
Blade depth – 2.5” (6.5 mm)

10-4702S

Finochietto Retractor for babies
Retractor Spread – 3” (7 cm)
Blade width – 0.5” (1.2 mm)
Blade depth – 0.6” (1.5 mm)

10-4701S
HEISS RETRACTOR

**Straight Shank**
- 4 Blunt prongs – 4” (10 cm) 10-5111T
- 4 Sharp prongs – 4” (10 cm) 10-5112T
- 4 Blunt prongs – 4” (10 cm) 10-4101S
- 4 Sharp prongs – 4” (10 cm) 10-4102S

**Angled Shank**
- 4 Blunt prongs – 4” (10 cm) 10-5113T
- 4 Sharp prongs – 4” (10 cm) 10-5114T

ALM RETRACTOR

- 4 Sharp prongs – 2.75” (7 cm) 10-5115S /T*

WEITLANER RETRACTOR

- Blunt 3×4 prongs – 5” (12.5 cm) 10-5116T
- Sharp 3×4 prongs – 5” (12.5 cm) 10-5117T
- Blunt 3×4 prongs – 6.25” (15.5 cm) 10-5118T
- Sharp 3×4 prongs – 6.25” (15.5 cm) 10-5119T
- Blunt 3×4 prongs – 8” (20 cm) 10-5120T
- Sharp 3×4 prongs – 8” (20 cm) 10-5121T
- Sharp 3×4 prongs – 8” (20 cm) 10-4301S
- Blunt 3×4 prongs – 8” (20 cm) 10-4302S
GELPI RETRACTOR

- Sharp teeth – 3.5” (8 cm) 10-5122T
- Sharp teeth – 4.5” (10.5 cm) 10-5123T
- Overall length – 5.5” (14 cm) 10-4404S
- Overall length – 6.375” (17 cm) 10-4405S

EPICARDIAL RETRACTOR

- 3x3 T sharp – 1.96” (5 cm) 10-4001S
MORSE FAVORO RETRACTOR

I.M.A. RETRACTOR

DUBOST
COOLEY

A – 12 mm  B – 17 mm  C – 95 mm  D – 55 mm  10-6113A
A – 15 mm  B – 30 mm  C – 140 mm  D – 80 mm  10-6114A
A – 34 mm  B – 51 mm  C – 200 mm  D – 145 mm  10-6115A
A – 34 mm  B – 115 mm  C – 230 mm  D – 205 mm  10-6116A
A – 22 mm  B – 45 mm  C – 150 mm  D – 110 mm  10-6117A
A – 10 mm  B – 15 mm  C – 75 mm  D – 55 mm  10-6118A
A – 20 mm  B – 24 mm  C – 100 mm  D – 80 mm  10-6119A
A – 34 mm  B – 100 mm  C – 180 mm  D – 180 mm  10-6120A
A – 13 mm  B – 20 mm  C – 90 mm  D – 75 mm  10-6121A

BABY HAIGHT

A – 30 mm  B – 30 mm  C – 120 mm  D – 90 mm  10-6122S
A – 30 mm  B – 30 mm  C – 90 mm  D – 70 mm  10-6123S
TUFFER

A – 42 mm  B – 45 mm  C – 170 mm  D – 110 mm  10-6124S

CASTANEDA

A – 9 mm  B – 34 mm  C – 70 mm  D – 55 mm  10-6125A
A – 11 mm  B – 45 mm  C – 80 mm  D – 80 mm  10-6126A
A – 15 mm  B – 60 mm  C – 120 mm  D – 125 mm  10-6127A
MORSE

A – 20 mm  B – 28 mm  C – 210 mm  D – 150 mm  10-6401A
A – 20 mm  B – 20 mm  C – 155 mm  D – 120 mm  10-6402A

BURFORD

Oval Slot
A – 63 mm  B – 61 mm  C – 300 mm  D – 200 mm  10-6301A
Oval Slot
A – 63 mm  B – 61 mm  C – 260 mm  D – 200 mm  10-6303A
Round Slot
A – 43 mm  B – 61 mm  C – 300 mm  D – 200 mm  10-6302A
Round Slot
A – 43 mm  B – 61 mm  C – 260 mm  D – 200 mm  10-6304A
Round Slot
A – 43 mm  B – 61 mm  C – 200 mm  D – 200 mm  10-6306A
I.M.A. STEEL SPREADER

A – 40 mm  B – 100 mm  C – max 110 mm  D – 144 mm  10-6104S

CHAUX I.M.A.

Retractor set – Retractor with 2 double blades  10-6125S
Retractor set – Retractor with 2 double blades 10-6125S
VATS AND MIS

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**VATS AND MIS**

SURGICAL PROCEDURES ARE QUICKLY DEVELOPING FROM «OPEN FIELD» TO MINIMALLY INVASIVE AND VIDEO ASSISTED WITHIN THE CARDIOVASCULAR AND THORACIC FIELDS. RUMEX is continuing all efforts to minimize patient trauma and manufacture instruments according to the latest technological and surgical trends. RUMEX manufactures Minimally Invasive Cardiac Surgery (MIS) and Video Assisted Thoracoscopic Surgery (VATS) Instruments both in Titanium and Stainless Steel.

**RUMEX MIS and VATS specialties:**
Ergonomic Handle design provides a secure grasp that is comfortable and familiar for prolonged use!

ALTERNATIVE STAINLESS STEEL ANALOGS ARE AVAILABLE UPON REQUEST
Customized instruments are available upon request.
THORACOSCOPIC DeBAKEY CLAMP VATS AND MIS

- 60 mm 1x2 DeBakey Atraumatic jaws, 5 mm Shaft, w/Ratchet, (21 cm Working Length) – 12.25" (31 cm) - 5-0301T
- 60 mm 1x2 DeBakey Atraumatic jaws, 6 mm Shaft, w/Ratchet, (21 cm Working Length) – 12.25" (31 cm) - 5-0302T
- 65 mm 1x2 DeBakey Atraumatic jaws, 10 mm Shaft, w/Ratchet, (23 cm Working Length) – 12.75" (32 cm) - 5-0303T
- 100 mm 1x2 DeBakey Atraumatic jaws, 10 mm Shaft, w/Ratchet, (25.5 cm Working Length) – 14.25" (36 cm) - 5-0304T
- 110 mm 1x2 DeBakey Atraumatic Tapered jaws, 10 mm Shaft, w/Ratchet, (25.5 cm Working Length) – 14.5" (37 cm) - 5-0306T
- 115 mm 1x2 DeBakey Atraumatic Tapered jaws, 10 mm Shaft, w/Ratchet, (27 cm Working Length) – 14.75" (37.5 cm) - 5-0305T

SHORTER DeBAKEY CLAMP MIS

- 10 mm shaft w/Ratchet, 6.75" (17 cm) Working Length – 9.75" (24.8 cm) - 5-0307T
- 10 mm shaft w/Ratchet, 6.75" (17 cm) Working Length – 12.25" (31 cm) - 5-0308T

LAMBERT KAY CLAMP VATS

- 1x2 DeBakey Atraumatic jaws, 10 mm Shaft, Angled Shanks, w/Ratchet, (21 cm Working Length) – 12.25" (31 cm) - 5-0321T
HARKEN CLAMP VATS

95 mm 1×2 DeBakey Atraumatic jaws, 10 mm Shaft, (25 cm Working Length) – 14” (35.5 cm) 5-0331T

95 mm 1×2 DeBakey Atraumatic jaws, 10 mm Shaft, (25 cm Working Length), w/Ratchet – 14” (35.5 cm) 5-0332T

CURVED AND ANGLED DISSECTOR FORCEPS VATS AND MIS

Dissector Serrated jaws, 7 mm shaft, 9.125” (23.3 cm Working Length) – 13.25” (33.5 cm) 5-0100T

Dissector Serrated jaws, 7 mm shaft, 9.125” (23.3 cm Working Length), w/Ratchet – 13.25” (33.5 cm) 5-0101T

Dissector DeBakey / Cooley serrated jaws, 10 mm shaft, 9.5” (24 cm Working Length) – 13.5” (34 cm) 5-0102T

Dissector DeBakey / Cooley serrated jaws, 10 mm shaft, 9.5” (24 cm Working Length), w/Ratchet – 13.5” (34 cm) 5-0103T
**NODE GRASPER VATS**

- **11 mm Oblong Serrated jaws, 5 mm Shaft, w/Ratchet, 9” (23 cm Working Length) – 13” (33 cm)**
  - 5-0104T

- **11 mm Oblong Serrated jaws, 5 mm Shaft, w/Ratchet, 9” (23 cm Working Length) – 13” (33 cm)**
  - 5-0105T

**FOERSTER FORCEPS VATS**

- **20 mm Oval Serrated jaws, 10 mm Shaft, 9.5” (24 cm Working Length) – 13.5” (34 cm)**
  - 5-0110T

- **20 mm Oval Serrated jaws, 10 mm Shaft, w/Ratchet, 9.5” (24 cm Working Length) – 13.5” (34 cm)**
  - 5-0111T

- **12 mm Oval Serrated jaws, 7 mm Shaft, 9.5” (24 cm Working Length) – 13.5” (34 cm)**
  - 5-0108T

- **12 mm Oval Serrated jaws, 7 mm Shaft, w/Ratchet, 9.5” (24 cm Working Length) – 13.5” (34 cm)**
  - 5-0109T

- **10 mm Oval Serrated jaws, 7 mm Shaft, 9.5” (24 cm Working Length) – 13.5” (34 cm)**
  - 5-0106T

- **10 mm Oval Serrated jaws, 7 mm Shaft, w/Ratchet, 9.5” (24 cm Working Length) – 13.5” (34 cm)**
  - 5-0107T
**DUVAL FORCEPS VATS**

15 mm Triangular Serrated ring jaws, 10 mm shaft, w/Ratchet, 9.25” (23.5 cm Working Length) – 13.5” (34 cm) - 5-0112T

25 mm Triangular Serrated ring jaws, 10 mm shaft, w/Ratchet, 9.25” (23.5 cm Working Length) – 13.5” (34 cm) - 5-0113T

**ALLIS FORCEPS VATS AND MIS**

6 mm Wide jaws, 7 mm Shaft, w/Ratchet, 9.5” (24 cm Working Length) – 13.5” (34 cm) - 5-0114T

**NEEDLE HOLDER MIS**

5 mm Shaft w/ Lock, 6.5” (16.5 cm) - 5-0201T

7 mm shaft, 6.25” (16 cm) - 5-0202T

5 mm shaft, 6.5” (16.5 cm) - 5-0203T

10 mm shaft, 8.25” (21 cm) - 5-0204T

7 mm shaft, 8.5” (21.5 cm) - 5-0205T
HEAVY AND X-HEAVY NEEDLE HOLDER VATS AND MIS

Heavy jaws w/TC Coated, 7 mm Shaft, w/Ratchet, (21 cm Working Length) – 13.5” (34 cm) 5-0210T

X-Heavy jaws w/TC Coated, 10 mm Shaft, w/Ratchet, (21 cm Working Length) – 13.5” (34 cm) 5-0213T

Heavy jaws w/TC Coated, 7 mm Shaft, w/Ratchet, (21 cm Working Length) – 13.5” (34 cm) 5-0211T

X-Heavy jaws w/TC Coated, 10 mm Shaft, w/Ratchet, (21 cm Working Length) – 13.5” (34 cm) 5-0214T

CHEST TUBE PASSER VATS AND MIS

10 mm Curved Shaft, 6.75” (15.5 cm Working Length) – 9.75” (24 cm) 5-0401T

10 mm Curved Shaft, 6.75” (17.5 cm Working Length), w/Ratchet – 9.75” (24 cm) 5-0402T

10 mm Curved Shaft, 11” (28 cm Working Length) – 14” (35.5 cm) 5-0403T

10 mm Curved Shaft, 11” (28 cm Working Length), w/Ratchet – 14” (35.5 cm) 5-0404T

SEMB CLAMP VATS

140 mm 1x2 DeBakey Atraumatic jaws, 10 mm Shaft, w/Ratchet, (31 cm Working Length) – 15.5” (39.5 cm) 5-0311T
**DENNIS DISSECTOR VATS AND MIS**

- **Straight 7 mm shaft, 9” (23 cm)**
  - Working Length – 13.25” (33.5 cm)
  - 5-0801T

- **Curved 7 mm shaft, 9” (23 cm)**
  - Working Length – 13.25” (33.5 cm)
  - 5-0802T

**AXIAL HANDLE FORCEPS MIS**

- **5 mm shaft, 6.25” (16 cm)**
  - Working Length – 12.5” (32 cm)
  - 5-0121T

- **5 mm shaft, 8” (20 cm)**
  - Working Length – 14.25” (36 cm)
  - 5-0122T

**SPRING STYLE FORCEPS MIS**

- **5 mm shaft w/ out lock, 7.75” (19.5 cm)**
  - Working Length – 16” (41 cm)
  - 5-0131T
SPRING STYLE NEEDLE HOLDER MIS

5 mm shaft w/ lock, 6.5” (16.5 cm)
Working Length – 15.375” (38.5 cm) 5-0231T

AXIAL HANDLE NEEDLE HOLDER MIS

7 mm shaft, 8” (20 cm) Working Length – 14.375” (36.5 cm) 5-0241T
6 mm shaft, 8” (20 cm) Working Length – 14.375” (36.5 cm) 5-0242T
5 mm shaft, 8” (20 cm) Working Length – 14.375” (36.5 cm) 5-0243T

DOUBLE-ACTION METZENBAUM SCISSORS VATS AND MIS

73 mm jaws, 10 mm shaft, 8.4”
(21.4 cm Working Length) – 12.8” (32.6 cm) 5-0244S
73 mm jaws, 10 mm shaft, 8.4”
(21.4 cm Working Length) – 14.4” (36.6 cm) 5-0245S

67 mm jaws, 10 mm shaft, 8.1”
(20.8 cm Working Length) – 12.5” (32 cm) 5-0246S
67 mm jaws, 10 mm shaft, 8.1”
(20.8 cm Working Length) – 14.1” (36 cm) 5-0247S
SLIDING SHAFT SCISSORS VATS AND MIS

Curved 55 mm
55 mm jaws, 10 mm shaft, 9.8”
(25 cm Working Length) – 14.1” (36 cm)
5-0248S

Extra thin tip Curved 55 mm
55 mm jaws, 10 mm shaft, 9.8”
(25 cm Working Length) – 14.1” (36 cm)
5-0249S

Curved short 35 mm
35 mm jaws, 10 mm shaft, 7”
(18 cm Working Length) – 11.5” (29 cm)
5-0250S

SUPERCUT SLIDER SCISSORS VATS AND MIS

Curved short
35 mm jaws, 5 mm shaft, 11.5”
(28.8 cm Working Length) – 14” (35.5 cm)
5-0251S

Curved short
35 mm jaws, 5 mm shaft, 7.7”
(19.5 cm Working Length) – 11.3” (32 cm)
5-0252S

Curved short
30 mm jaws, 5 mm shaft, 6.5”
(16.5 cm Working Length) – 11.5” (29 cm)
5-0253S
HALMANN DOUBLE-ACTION CLAMP VATS AND MIS

- Double-action clamp w/cross teeth jaws – 13.5” (34.5 cm)  5-0254S
- Double-action clamp w/cross teeth jaws – 15.7” (40 cm)  5-0255S

DeBAKEY HALMANN-GREGORY DOUBLE-ACTION CLAMP VATS AND MIS

- Double-action clamp w/2x3 teeth – 15” (38 cm)  5-0256S
- Double-action clamp w/2x3 teeth – 19” (48 cm)  5-0257S

HOOKS VATS AND MIS

- Fine Nerve & Vessel Hook – 13.75” (35 cm)  5-0501T
- Nerve & Vessel Hook – 13.75” (35 cm)  5-0502T
- Vessel Hook – 13.75” (35 cm)  5-0503T
SUTURE PULLER VATS AND MIS

Round Handle

13.75" (35 cm)  5-0601T

SCALPEL BLADE HOLDER VATS AND MIS

Round Handle

14.5" (37 cm)  5-0701T
## INSTRUMENT CARE

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INSTRUMENT CARE

RUMEX offers both plastic and metal instrument sterilization trays in various shapes and sizes for safely sterilizing and storing the surgical instruments.

The plastic trays are great for withstanding repeated flash or wrapped autoclaving. Plastic trays are also incredibly durable and come equipped with a silicone mat to keep the instruments securely in place during the sterilization process. The clear plastic lids make identifying the contents quick and the tray’s lightweight, sleek design make handling them extremely comfortable.

The metal trays offer a slightly higher amount of protection, are fine to use in conventional and flash steam cleanings and tend to balance the evaporation of moisture.

METAL STERILIZATION TRAYS, STAINLESS STEEL

18-501
11” W × 32" L × 3” H
(28 cm × 81 cm × 8 cm)

18-523
10.5” W × 6” L × 113” H
(27.5 cm × 15 cm × 3 cm)

18-511
8” W × 8.5” L × 1.25” H
(20 cm × 22 cm × 3 cm)

18-524
10.5” W × 10” L × 1.13” H
(27.5 cm × 25.5 cm × 3 cm)

18-512
8” W × 12.5” L × 1.25” H
(20 cm × 32 cm × 3 cm)

18-525
10.5” W × 20” L × 1.13” H
(27.5 cm × 51 cm × 3 cm)

18-513
6” W × 10.5” L × 1.25” H
(15 cm × 27 cm × 3 cm)

18-531
8” W × 8.5” L × 1.13” H
(20.5 cm × 22 cm × 3 cm)

18-514
10.5” W × 10” L × 1.25” H
(27 cm × 25.4 cm × 3 cm)

18-532
8.5” W × 12.5” L × 1.13” H
(22 cm × 32 cm × 3 cm)

18-515
10.5” W × 15” L × 1.25” H
(27 cm × 38 cm × 3 cm)

18-533
10” W × 10.5” L × 1.13” H
(25.5 cm × 27.5 cm × 3 cm)

18-521
8.5” W × 9” L × 1.13” H
(22 cm × 23 cm × 3 cm)

18-534
10.5” W × 15” L × 1.13” H
(27.5 cm × 38 cm × 3 cm)

18-522
8.5” W × 12.5” L × 1.13” H
(22 cm × 32 cm × 3 cm)

18-535
10.5” W × 15” L × 2” H
(27.5 cm × 38 cm × 5 cm)
## PLASTIC STERILIZATION TRAYS

<table>
<thead>
<tr>
<th>Code</th>
<th>Type Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-601</td>
<td>Mini Tray - Base (deep), Lid. &amp; Mat</td>
<td>1.5&quot; × 2.7&quot; × 1.25&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(4 cm × 7 cm × 3 cm)</td>
</tr>
<tr>
<td>18-602</td>
<td>Micro Tray - Base, Lid. &amp; Mat</td>
<td>2.5&quot; × 6.0&quot; × 0.75&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(6.5 cm × 15 cm × 2 cm)</td>
</tr>
<tr>
<td>18-603</td>
<td>Micro Tray - Base (deep), Lid. &amp; Mat</td>
<td>6.0&quot; × 10&quot; × 1.5&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(15 cm × 25.5 cm × 4 cm)</td>
</tr>
<tr>
<td>18-604</td>
<td>Micro Tray - Base, Lid. &amp; Mat</td>
<td>6.0&quot; × 10&quot; × 0.75&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(15 cm × 25.5 cm × 2 cm)</td>
</tr>
<tr>
<td>18-605</td>
<td>Micro Tray - Base, Insert Tray, Lid. &amp; 2 mats</td>
<td>6.0&quot; × 10&quot; × 1.5&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(15 cm × 25.5 cm × 4 cm)</td>
</tr>
<tr>
<td>18-606</td>
<td>Large Tray - Base, Lid. &amp; Mat</td>
<td>10&quot; × 15&quot; × 0.75&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(25.5 cm × 38 cm × 2 cm)</td>
</tr>
<tr>
<td>18-607</td>
<td>Large Tray - Base, Insert Tray, Lid. &amp; 2 mats</td>
<td>10&quot; × 15&quot; × 1.5&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(25.5 cm × 38 cm × 4 cm)</td>
</tr>
<tr>
<td>18-608</td>
<td>Micro Tray - Base, Lid. &amp; Mat</td>
<td>2.5&quot; × 6.0&quot; × 1.25&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(6.5 cm × 15 cm × 3 cm)</td>
</tr>
<tr>
<td>18-609</td>
<td>Micro Tray - Base, Lid. &amp; Mat</td>
<td>2.5&quot; × 7.5&quot; × 0.75&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(6.5 cm × 19 cm × 2 cm)</td>
</tr>
<tr>
<td>18-610</td>
<td>Micro Tray - Base, Lid. &amp; Mat</td>
<td>4.0&quot; × 6.5&quot; × 0.75&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(10 cm × 17 cm × 2 cm)</td>
</tr>
<tr>
<td>18-611</td>
<td>Micro Tray - Base, Lid. &amp; Mat</td>
<td>4.0&quot; × 7.5&quot; × 0.75&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(10 cm × 19 cm × 2 cm)</td>
</tr>
<tr>
<td>18-612</td>
<td>Micro Tray - Base, Lid. &amp; Mat</td>
<td>4.0&quot; × 7.5&quot; × 1.5&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(10 cm × 19 cm × 4 cm)</td>
</tr>
</tbody>
</table>
INSTRUMENT CARE

SILICON BARS

17-101
Bar, Silicone, 2 Slot Open End Round – 5 mm
3.75\" × 0.75\" (10 cm × 2 cm)

17-102
Bar, Silicone, 3 Slot Open End Round - 5 mm
3.75\" × 0.75\" (10 cm × 2 cm)

17-103
Bar, Silicone, 5 Slot Open End Round – 5 mm
3.75\" × 0.75\" (10 cm × 2 cm)

17-104
Bar, Silicone, 12 Slot Straight Cut
3.75\" × 0.75\" (10 cm × 2 cm)

17-105
Bar, Silicone, 1 Slot Open End Phaco – 7 mm
3.5\" × 1.25\" (9 cm × 3 cm)

17-106
Bar, Silicone, 1 Slot Open End Phaco – 18 mm
3.5\" × 1.25\" (9 cm × 3 cm)
17-107
Bar, Silicone, 1 Slot Open End Round – 5 mm
2.25” × 0.50” (6 cm × 1.5 cm)

17-108
Bar, Silicone, 2 Slot Open End Round – 5 mm
2.25” × 0.50” (6 cm × 1.5 cm)

17-109
Bar, Silicone, 3 Slot Open End Round – 5 mm
2.25” × 0.50” (6 cm × 1.5 cm)

17-110
Bar, Silicone, 2 Slot Open End – 9 mm & 12 mm
2.1” × 1.0” (5.5 cm × 2.5 cm)

17-111
Bar, Silicone, 3 Slot Open Phaco – 7 mm & 18 mm
3.5” × 1.25” (9 cm × 3 cm)
### SILICON MATS

<table>
<thead>
<tr>
<th>Mat Number</th>
<th>Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-101</td>
<td>Mat, Silicone</td>
<td>1.5″ × 2.7″ (4 cm × 7 cm)</td>
</tr>
<tr>
<td>16-102</td>
<td>Mat, Silicone</td>
<td>2.5″ × 6.0″ (6.5 cm × 15 cm)</td>
</tr>
<tr>
<td>16-103</td>
<td>Mat, Silicone</td>
<td>2.5″ × 7.5″ (6.5 cm × 19 cm)</td>
</tr>
<tr>
<td>16-104</td>
<td>Mat, Silicone</td>
<td>4.0″ × 6.5″ (10 cm × 16.5 cm)</td>
</tr>
<tr>
<td>16-105</td>
<td>Mat, Silicone</td>
<td>6.0″ × 10″ (15 cm × 25.5 cm)</td>
</tr>
<tr>
<td>16-106</td>
<td>Mat, Silicone</td>
<td>6.0″ × 10″ (15 cm × 25.5 cm)</td>
</tr>
<tr>
<td>16-107</td>
<td>Mat, Silicone</td>
<td>10″ × 15″ (25.5 cm × 38 cm)</td>
</tr>
<tr>
<td>16-108</td>
<td>Mat, Silicone</td>
<td>10″ × 15″ (25.5 cm × 38 cm)</td>
</tr>
</tbody>
</table>
METAL STERILIZATION TRAYS, ALUMINIUM

This tray is large enough to accommodate the very long instruments used in bariatric surgeries (max length 65 cm). The system is made of tough, lightweight and corrosion resistant anodized aluminum. The laparoscopic insert with the graduated holders (3.5 & 10 mm slots) is designed to accommodate up to 15 lap instruments. The double-decker design holds twice the number of instruments in the same amount of space.

Options include insert trays, universal instrument brackets, and silicone finger cushion mats. Trays are made of anodized Aluminum with mini perforations to allow for proper penetration of sterilant. Universal instrument brackets can be placed virtually anywhere.

18-701
10.7” × 25.6” × 7.7”
(27 cm × 65 cm × 20 cm)

18-721
2 Level Tray System
10” × 20” × 3.5”
(25.5 cm × 51 cm × 9 cm)

18-722
Universal Tray - Single Layer
10.5” × 20” × 2.5”
(26.5 cm × 51 cm × 6.5 cm)

18-723
Universal Tray - Double Layer
11” × 22” × 3.5”
(28 cm × 56 cm × 9 cm)

18-724
Universal Tray - Double Layer
11” × 23” × 5”
(28 cm × 59 cm × 13 cm)

18-725
Universal Tray - Single Layer
11” × 27” × 3.5”
(28 cm × 69 cm × 9 cm)

18-731
9” × 10” × 3”
(23 cm × 25.5 cm × 8 cm)

HAND TRAY
TIP PROTECTORS, VENTED INSTRUMENT GUARDS, DUO VENTED INSTRUMENT GUARDS

TIP PROTECTORS

Tip protectors feature the unique «channel» design that prevents moisture from being trapped between the protector and the instrument. These protectors are also vented – ensuring that moisture quickly evaporates during the sterilization cycle. The see-through design means tips are easily visible. The channeled protectors will not stick to instruments. Sterilgard tips are compatible with steam and EtO sterilization.

<table>
<thead>
<tr>
<th>Cat. No</th>
<th>Diameter, mm</th>
<th>Height, mm</th>
<th>Width, mm</th>
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<tr>
<td>23-101</td>
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<td>19.0</td>
<td>0.0</td>
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<td>23-103</td>
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<td>23-104</td>
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<tr>
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<tr>
<td>23-107</td>
<td>1.6</td>
<td>9.5</td>
<td>25.0</td>
<td>100</td>
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<td>25.0</td>
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<td>6.3</td>
<td>19.0</td>
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</table>

VENTED INSTRUMENT GUARDS

Vented Instrument Guards are designed to enhance sterilization and protection for instruments during the sterilization procedure. The flowthrough vents allow full-impact sterilization yet they protect tips and edges from breaking and chipping. For steam sterilization.

<table>
<thead>
<tr>
<th>Cat. No</th>
<th>Colour</th>
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<tr>
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<td>0.75</td>
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<tr>
<td>25-202</td>
<td>Blue</td>
<td>0.08</td>
<td>0.75</td>
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<tr>
<td>25-203</td>
<td>Green</td>
<td>0.11</td>
<td>0.75</td>
</tr>
<tr>
<td>25-204</td>
<td>Red</td>
<td>0.13</td>
<td>1.00</td>
</tr>
<tr>
<td>25-205</td>
<td>Yellow</td>
<td>0.19</td>
<td>1.00</td>
</tr>
<tr>
<td>25-206</td>
<td>Maroon</td>
<td>0.41</td>
<td>0.75</td>
</tr>
<tr>
<td>25-207</td>
<td>Orange</td>
<td>0.06</td>
<td>0.38</td>
</tr>
<tr>
<td>25-208</td>
<td>Brown</td>
<td>0.08</td>
<td>0.63</td>
</tr>
<tr>
<td>25-209</td>
<td>Black</td>
<td>0.13</td>
<td>1.00</td>
</tr>
</tbody>
</table>
DUO VENTED INSTRUMENT GUARDS

New design holds the instrument firmly so that the jaw, box hinge and ends are «open» allowing for better sterilization. For use in steam sterilization.

<table>
<thead>
<tr>
<th>Cat. No</th>
<th>Colour</th>
<th>Height. in</th>
<th>Width. in</th>
<th>Q-ty</th>
</tr>
</thead>
<tbody>
<tr>
<td>25-401</td>
<td>White Tint</td>
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<tr>
<td>25-402</td>
<td>Blue Tint</td>
<td>0.08</td>
<td>0.75</td>
<td>50</td>
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<tr>
<td>25-403</td>
<td>Green Tint</td>
<td>0.11</td>
<td>0.75</td>
<td>50</td>
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<tr>
<td>25-404</td>
<td>Red Tint</td>
<td>0.13</td>
<td>1.00</td>
<td>50</td>
</tr>
<tr>
<td>25-405</td>
<td>Yellow Tint</td>
<td>0.19</td>
<td>1.00</td>
<td>50</td>
</tr>
<tr>
<td>25-406</td>
<td>Orange Tint</td>
<td>0.06</td>
<td>0.38</td>
<td>50</td>
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</tbody>
</table>
INSTRUMENT REPAIR TAG

Identify instruments requiring repair, sharpening or «good» with brightly color-coded tags. Tags are pre-printed with «Repair», «Sharpen» and «Good». Tags are steam, EtO and Plasma autoclavable. Once tags are applied, they must be broken to be removed. Replace difficult to see safety pins and suture. Packaged 100 tags per box.

<table>
<thead>
<tr>
<th>Cat. No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-010</td>
<td>Green - Good</td>
</tr>
<tr>
<td>30-020</td>
<td>Red - Repair</td>
</tr>
<tr>
<td>30-030</td>
<td>Yellow - Sharpen</td>
</tr>
<tr>
<td>30-040</td>
<td>White «Clean» White Pulltight - «Clean»</td>
</tr>
</tbody>
</table>

MARKERS

The special ink is immediately dry, waterproof, light-proof, resistant to atmospheric action, heat-resistant, and acid-resistant. No chemical or toxic substances are released during use. The marking withstands sterilization by steam, EO, FO, plasma and radiation. It is recommended to mark the seethrough packages on the fill side and the wrapped sheets on tape.

<table>
<thead>
<tr>
<th>Cat. No</th>
<th>Colour</th>
<th>Height, in</th>
</tr>
</thead>
<tbody>
<tr>
<td>35-501</td>
<td>Thick Black</td>
<td>12” (30.5 cm)</td>
</tr>
<tr>
<td>35-502</td>
<td>Black</td>
<td>10” (25.5 cm)</td>
</tr>
<tr>
<td>35-503</td>
<td>Red</td>
<td>10” (25.5 cm)</td>
</tr>
<tr>
<td>35-504</td>
<td>Blue</td>
<td>10” (25.5 cm)</td>
</tr>
<tr>
<td>35-505</td>
<td>Green</td>
<td>10” (25.5 cm)</td>
</tr>
</tbody>
</table>
STERILIZATION AND CARE

INSTRUCTIONS FOR USE
Rumex instruments are designed in cooperation with top-of-the-notch surgeons from all over the world, and then manually crafted by highly qualified professionals under the precision microscopes and machines, and then a tungsten carbide and various covers are applied with a view to achieve the best functional characteristics possible. However, any device that is initially perfect can’t remain its condition without proper handling and care. We at Rumex guarantee our instruments against manufacturing defects, and the lifespan of reusable instruments lies within proper handling and care. To help your instruments preserve its initial conditions, we strongly recommend you to read the instructions below carefully before use.

INTENDED USE
Rumex Instruments are designed for various applications in ophthalmic surgery. The ophthalmic instruments (needle holders, scissors, forceps, needles, and hooks) are designed for no other purpose than ophthalmic surgery. The instruments should be used in direct accordance with the requirements of surgical procedures.

INSTRUCTION FOR INITIAL USE
It is essential that the instrument be cleaned and sterilized before initial use by following the procedures as outlined in this instruction brochure.

CARE AND HANDLING
Instruments should be washed clean of all residues, dried and inspected after each use. It is imperative that as much moisture as possible is eliminated from all of the instrument parts since moisture promotes corrosion of the instrument. Washing, drying and inspecting the instrument under magnification helps to ensure that the instrument is kept in proper condition for the next surgical procedure.

CLEANING
Use a mild soap solution and with a soft brush to clean the instrument and remove any stains. Never use abrasive powders or steel wool to remove stubborn stains - these can damage the superfine finish of an instrument and can actually help cause corrosion of stainless instruments. Use distilled or demineralized water to rinse instruments thoroughly, and then carefully dry them with a hot air blower or lint-free cloth. We recommend that the established surgical instrument cleaning procedures of your institution be followed using these instructions as a guideline. Thorough cleaning immediately after use is essential for the longevity of the instrument.

INSTRUMENTS DETERGENT AND DETERGENTS CLEANERS
Only detergents and cleaners specially designed for use on surgical stainless steel or titanium instruments are acceptable for use in the cleaning process. The cleaning guidelines of the solution manufacturer and your institution should be observed.

ULTRASONIC CLEANING EQUIPMENT
An ultrasonic cleaner could also be used in the instrument cleaning process, but not as the sole cleaning method. The instrument should, at the very least, be flushed with distilled water prior to being placed in the ultrasonic cleaner. A five to ten minutes cycle in the ultrasonic cleaner should be sufficient. The instrument must be secured on a silicone finger mat during the ultrasonic cleaning procedure. Special care should be taken to make certain that the tip of the instrument does not come into contact with the sides of the ultrasonic container, as this could damage the instrument.

LUBRICATION
Moving parts and working mechanisms of the Rumex instruments should be lubricated occasionally with a medical grade instrument lubricant (especially after an ultrasonic bath) to ensure the smooth operation of the working mechanism. The recommended directions of the instrument lubricant manufacturer and your institution should be observed.
INSTRUMENT CARE

STORAGE AND STERILIZATION

Surgical instruments should be stored in the sterilizing trays of proper size and lined with soft silicone mats. Instruments should not touch each other. We recommend using protective tips made of soft silicone tubing of the proper size and thickness. Do not use rubber or plastic protective tips, as they can melt during autoclaving and cause damage of instruments. Stainless steel and titanium instruments can be sterilized via steam autoclaving, chemical disinfectants, ethylene oxide gas, or even dry hot air. Gas and dry chemical sterilization are the best methods for stainless steel instruments, but it takes a lengthy time period to accomplish the desired result. The most practical method of sterilization is heat or steam, which require less time, however, these methods can be damaging to delicate stainless steel instruments. Please, be sure that you and the members of your staff have read and understood the instructions supplied by the manufacturer of your particular sterilizer.

STERILIZATION CYCLES

Finally, the instrument should be sterilized prior to the next surgical procedure. Rumex instruments can be sterilized using any of the following methods:

<table>
<thead>
<tr>
<th>100% ETO cycles</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Concentration ETO</td>
<td>850±50mg/l</td>
</tr>
<tr>
<td>Temperature</td>
<td>37 °C – 47 °C</td>
</tr>
<tr>
<td>Exposure time</td>
<td>3–4 hours</td>
</tr>
<tr>
<td>Humidity</td>
<td>70% RH minimum</td>
</tr>
<tr>
<td>Drying Cycle</td>
<td>1 hour</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sterilizer Type</th>
<th>Steam Autoclaving</th>
<th>“Flash” Autoclaving</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Config.</td>
<td>wrapped</td>
<td>wrapped</td>
</tr>
<tr>
<td>Temperature °C</td>
<td>121 °C – 123 °C</td>
<td>132 °C – 135 °C</td>
</tr>
<tr>
<td>Temperature °F</td>
<td>250 °F – 253 °F</td>
<td>270 °F – 275 °F</td>
</tr>
<tr>
<td>Exposure Time</td>
<td>15 to 30 minutes</td>
<td>3 to 4 minutes</td>
</tr>
<tr>
<td>Drying Cycle</td>
<td>30 minutes</td>
<td>30 minutes</td>
</tr>
</tbody>
</table>

The above-mentioned sterilization cycles represent the industry standards and should be capable of producing a sterile device. Due to variations in sterilization equipment and device bioburden in clinical use, Rumex Intl. is not able to provide specific cycle parameters. It is the responsibility of each user to perform the validation and verification of the sterilization cycle to ensure an adequate sterility assurance level for our products.

INSPECTION

Be sure to inspect every microsurgical instrument at the end of your surgical day. Please conduct this inspection under a microscope or magnification lens. If a damaged instrument is detected, repair or replace it.

AT THE END OF A SURGICAL DAY

Instruments should be washed clean of all residues, dried and inspected after each use. Be sure to inspect every microsurgical instrument at the end of your surgical day. Please conduct this inspection under a microscope or magnification lens. If a damaged instrument is detected, repair or replace it. Washing, drying and inspecting instrument under magnification helps to ensure that the instrument is kept in proffer condition for the next surgical procedure.
### ABBREVIATIONS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>T</td>
<td>Instruments marked with ‘T’ are made of titanium: non-magnetic, non-corrosion, rust-proof and light weight</td>
</tr>
<tr>
<td>S</td>
<td>Instruments marked with ‘S’ are made of the best-quality stainless steel</td>
</tr>
<tr>
<td>TC</td>
<td>Tungsten Carbide</td>
</tr>
<tr>
<td>VATS</td>
<td>Video Assisted Thoracic Surgery</td>
</tr>
<tr>
<td>MICS</td>
<td>Minimally Invasive Cardiac Surgery</td>
</tr>
<tr>
<td>MIS</td>
<td>Minimally Invasive Surgery</td>
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</tbody>
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<td>Heparin Cannula (Hooks and Cannulas)</td>
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<tr>
<td>Hooks (VATS and MIS)</td>
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