SNOWDEN-PENCER™
Instruments for Plastic Surgery

Instruments pour la chirurgie plastique
Instrumente für die Plastische Chirurgie
Strumenti di chirurgia plastica
Instrumentos de cirugia plastica

CareFusion
SNOWDEN-PENCER Instruments for Plastic Surgery

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Dear customers,

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

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

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

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

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

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

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

Commitment

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

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

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

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

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

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

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

Our entire manufacturing process reflects our dedicated specializations through:

- Training instrument craftsmen by apprenticeships
- Inspecting instruments for quality throughout manufacturing
- Placing instruments under several stages of heat treatment, followed by quick cooling to achieve the proper hardness and strength
- Deep cleaning instruments, and preventing their corrosion by passivation

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

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

Joe Torok
Principal Scientist/Metallurgist
CareFusion
Innovation

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

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

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

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

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

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

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**The Snowden-Pencer Products Guarantee**

All Snowden-Pencer instruments are guaranteed to be free of defects in material and workmanship.

In addition, the tungsten carbide insert is guaranteed against wear under normal use for five years on Diamond-Jaw, Micro Diamond-Jaw, Diamond-Points and Diamond-Edges instruments.

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

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

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

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

In general, returns are NOT authorized for:

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

Customer support

Authorized representatives

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

For more information, please contact your sales representative, send an email to GMB-VM-Europe@carefusion.com or visit carefusion.com/vmueller.
Snowden-Pencer brand Diamond-Jaw needle holder

Diamond-Jaw needle holders feature hard, sharp diamond-cut teeth in inserts of hardened tungsten carbide bonded to the jaw - the durable grip helps prevent rotation or slippage.

Available with five different jaws inserts, including 7,000 teeth/in with extra-fine diamond-cut teeth for use with delicate suture and the Micro Diamond-Jaw, which offers carbide particles bonded to the jaw to create a textured surface for fine suture.

<table>
<thead>
<tr>
<th>Teeth/in</th>
<th>Large-size diamondcut teeth for use with heavy needles and suture (4/0 and larger)</th>
<th>Medium-size diamond-cut teeth for use with fine suture (3/0 to 6/0)</th>
<th>Extra-fine diamondcut teeth for use with only delicate suture (5/0 to 8/0)</th>
<th>Carbide particles metallurgically bonded to jaw for a fine textured surface that helps atraumatically handle delicate suture (6/0 and finer)</th>
<th>Smooth tungsten carbide surface for reducing damage to delicate needles and suture (6/0 and finer)</th>
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</thead>
<tbody>
<tr>
<td>2,500</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>4,000</td>
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<td>7,000</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Micro</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Diamond-Jaw</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smooth</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

2,500 teeth/in 4,000 teeth/in 7,000 teeth/in Micro Diamond-Jaw Smooth
**Snowden-Pencer scissors**

Snowden-Pencer Super Cut scissors are sharper than conventional stainless steel scissors because the tungsten carbide cutting blade is razor-edged. Designed to provide accurate forward cutting and outstanding control.

Snowden-Pencer brand Diamond-Edges scissors feature high-quality tungsten carbide inserts that are diamond ground and honed to a precise edge for excellent cutting action.

Snowden-Pencer brand Diamond-SerEdge scissors allow for a clean, precise cut of dense tissue - the Diamond-cut micro serrations on the lower blade help prevent tissue slippage.

**Snowden-Pencer titanium instruments**

Titanium instruments provide significant sensitivity when working with fine tissue and sutures. Titanium instruments are designed to be very light, strong, anti-magnetic, radiopaque and virtually non-corrosive.
How to use this catalog

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

A. This catalog is divided by surgical specialty and instrument type.

B. Each page has its own ruler marked in inches, centimeters and millimeters.

C. Category names appear in English, French, German, Italian, Japanese, Portuguese and Spanish.

D. A diamond symbol ◆ denotes the most popular instrument within a category.

E. An oval around a catalog number denotes that item is pictured.

F. titanium denotes titanium instruments.

G. Our toll-free phone number appears on every other page for your convenience.

H. Illustrations of tip and jaw patterns appear next to the instrument.

Notes

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

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

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

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

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

Conversion table

<table>
<thead>
<tr>
<th>Inches to centimeters</th>
<th>Multiply inches (as decimals) by 2.54</th>
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</thead>
<tbody>
<tr>
<td>Centimeters to inches</td>
<td>Multiply centimeters by 0.3937</td>
</tr>
<tr>
<td>Millimeters to inches</td>
<td>Multiply millimeters by 0.03937</td>
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<table>
<thead>
<tr>
<th>Inches</th>
<th>Millimeters</th>
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<table>
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<td>7/8</td>
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<tr>
<td>15/16</td>
<td>23.813</td>
</tr>
<tr>
<td>1</td>
<td>25.400</td>
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</tbody>
</table>
**Standard French (Charriere) gauge**

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

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

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**Instrument angles**
Protect your surgical instrumentation with Genesis™ containers

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

Ciseaux
Scheren
Forbici
Tijeras
Tesoura

**SNOWDEN-PENCER™ Diamond-Edges Operating Scissors**

General utility scissors.

- **32-0600**
  - Sharp/Blunt.
  - Straight.
  - Tungsten Carbide.
  - Overall length 5-1/2in (14cm).

- **32-0610**
  - Sharp/Blunt.
  - Curved.
  - Tungsten Carbide.
  - Overall length 5-1/2in (14cm).

- **32-0620**
  - Sharp/Sharp.
  - Straight.
  - Tungsten Carbide.
  - Overall length 5-1/2in (14cm).

- **32-0630**
  - Sharp/Sharp.
  - Curved.
  - Tungsten Carbide.
  - Overall length 5-1/2in (14cm).

- **32-0640**
  - Blunt/Blunt.
  - Straight.
  - Tungsten Carbide.
  - Overall length 5-1/2in (14cm).

- **32-0650**
  - Blunt/Blunt.
  - Curved.
  - Tungsten Carbide.
  - Overall length 5-1/2in (14cm).

**SNOWDEN-PENCER™ Diamond-Edges MAYO Scissors**

- **32-0800**
  - Curved.
  - Tungsten Carbide.
  - Overall length 5-1/2in (14cm).

- **32-0810**
  - Straight.
  - Tungsten Carbide.
  - Overall length 5-1/2in (14cm).

- **32-0820**
  - Curved.
  - Tungsten Carbide.
  - Overall length 6-3/4in (17cm).

- **32-0830**
  - Straight.
  - Tungsten Carbide.
  - Overall length 6-3/4in (17cm).

**SNOWDEN-PENCER™ Diamond-Edges MAYO Scissors Lower blade serrated.**

- **32-5820**
  - Curved.
  - Tungsten Carbide.
  - Overall length 6-3/4in (17cm).

- **32-5830**
  - Straight.
  - Tungsten Carbide.
  - Overall length 6-3/4in (17cm).

**SNOWDEN-PENCER™ Diamond-Edges Supercut MAYO Scissors**

Extremely sharp blades.

- **32-4820**
  - Curved.
  - Overall length 6-3/4in (17cm).

- **32-4830**
  - Straight.
  - Overall length 6-3/4in (17cm).
**SNOWDEN-PENCER™ Diamond-Edges MAYO-CARROLL Scissors**

Heavy-duty, general-purpose scissors.

32-0860
Curved.
Tungsten Carbide.
Overall length
9in (23cm).

**SNOWDEN-PENCER™ Diamond-SerEdge BOSTWICK-MAYO Serrated Scissors**

Lower blade is serrated.

32-5860
Curved.
Tungsten Carbide.
Overall length
9in (23cm).

32-5870
Straight.
Tungsten Carbide.
Overall length
9in (23cm).

**SNOWDEN-PENCER™ Diamond-Edges METZENBAUM Scissors**

Smooth and rounded tips.

32-0710
Curved.
Tungsten Carbide.
Overall length
5-3/4in (14.5cm).

32-0720
Straight.
Tungsten Carbide.
Overall length
5-3/4in (14.5cm).

32-0750
Curved.
Tungsten Carbide.
Overall length
7in (18cm).

32-0760
Straight.
Tungsten Carbide.
Overall length
7in (18cm).

32-0780
Curved.
Tungsten Carbide.
Overall length
8in (20.5cm).

32-0785
Straight.
Tungsten Carbide.
Overall length
8in (20.5cm).

32-0790
Curved.
Tungsten Carbide.
Overall length
9in (23cm).

32-0880
Curved.
Tungsten Carbide.
Overall length
11in (28cm).

**SNOWDEN-PENCER™ Diamond-SerEdge Delicate METZENBAUM Scissors**

Lower blade serrated.

32-5711
Curved.
Tungsten Carbide.
Overall length
5-3/4in (14.5cm).

32-5751
Curved.
Tungsten Carbide.
Overall length
7in (18cm).

32-5781
Curved.
Tungsten Carbide.
Overall length
8in (20.5cm).

32-5791
Curved.
Tungsten Carbide.
Overall length
9in (23cm).
SNOWDEN-PENCER™ Diamond-Edges METZENBAUM Scissors
Sharp/sharp tipped delicate scissors.

**32-0712**
Curved.
Tungsten Carbide.
Overall length 5-3/4in (14.5cm).

**32-0722**
Straight.
Tungsten Carbide.
Overall length 5-3/4in (14.5cm).

**32-0752**
Curved.
Tungsten Carbide.
Overall length 7in (18cm).

SNOWDEN-PENCER™ Diamond-Edges Delicate METZENBAUM Scissors
Rounded tips.

**32-0711**
Curved.
Tungsten Carbide.
Overall length 5-3/4in (14.5cm).

**32-0721**
Straight.
Tungsten Carbide.
Overall length 5-3/4in (14.5cm).

**32-0751**
Curved.
Tungsten Carbide.
Overall length 9in (23cm).

SNOWDEN-PENCER™ Diamond-Edges METZENBAUM Serrated Scissors
Lower blade serrated.

**32-5710**
Curved.
Tungsten Carbide.
Overall length 5-3/4in (14.5cm).

**32-5750**
Curved.
Tungsten Carbide.
Overall length 7in (18cm).

**32-5780**
Curved.
Tungsten Carbide.
Overall length 8in (20.5cm).

**32-5790**
Curved.
Tungsten Carbide.
Overall length 9in (23cm).

SNOWDEN-PENCER™ Diamond-Edges McCOLLOUGH METZENBAUM Scissors
Heavy-pattern METZENBAUM.

**32-0714**
Curved.
Tungsten Carbide.
Overall length 5-3/4in (14.5cm).
**SNOWDEN-PENCER™ Diamond-Edges Supercut METZENBAUM Scissors**
Extremely sharp blades.

- **32-4710**
  Curved.
  Tungsten Carbide.
  Overall length 5-3/4in (14.5cm).

- **32-4720**
  Straight.
  Tungsten Carbide.
  Overall length 5-3/4in (14.5cm).

- **32-4750**
  Curved.
  Tungsten Carbide.
  Overall length 7in (18cm).

- **32-4760**
  Straight.
  Tungsten Carbide.
  Overall length 7in (18cm).

- **32-4790**
  Curved.
  Tungsten Carbide.
  Overall length 9in (23cm).

**SNOWDEN-PENCER™ Diamond-SerEdge Scissors**
Serrated. Overall length 9in (23cm).

- **32-5660**
  Slight curve.

- **32-5661**
  Medium curve.

- **32-5662**
  Full curve.

**SNOWDEN-PENCER™ KAYE Scissors**
Ribbon type, with serrated stainless steel blades and semi-sharp outer edges. Scissors feature large finger rings.

- **88-6196**
  Curved.
  Overall length 4-1/2in (11.5cm).

**SNOWDEN-PENCER™ Diamond-Edges KAYE Scissors**
Delicate, serrated, with double-beveled blades and semi-sharp outer edges.

- **32-5906**
  Curved.
  Tungsten Carbide.
  Overall length 4-1/2in (11.5cm).
**Scissors**

Ciseaux  
Scheren  
Forbici  
Tijeras  
Tesoura  
剪

**SNOWDEN-PENCER™ Diamond-SerEdge KAYE Scissors**  
Serrated scissors.

32-5974  
Curved.  
Tungsten Carbide.  
Overall length  
5-3/4in (14.5cm).

32-5976  
Curved.  
Tungsten Carbide.  
Overall length  
7in (18cm).

32-5979  
Curved.  
Tungsten Carbide.  
Overall length  
9in (23cm).

**SNOWDEN-PENCER™ Diamond-SerEdge KAYE-FREEMAN Scissors**  
Spread (open) shanks conform to the normal resting position.

32-5978  
Curved.  
Tungsten Carbide.  
Overall length  
7in (18cm).

**SNOWDEN-PENCER™ GORNEY Scissors**  
Original design with serrated stainless steel blades.

88-6139  
Curved.  
Overall length  
5-5/8in (14.2cm).
SNOWDEN-PENCER™ Diamond-SerEdge GORNEY Scissors

32-5991
Straight.
Tungsten Carbide.
Overall length
7-1/2in (19cm).

32-5992
Curved.
Tungsten Carbide.
Overall length
7-1/2in (19cm).

SNOWDEN-PENCER™ Diamond-SerEdge GORNEY-FREEMAN Scissors
Spread (open) shanks conform to the normal resting position of the hand.

32-5993
Straight.
Tungsten Carbide.
Overall length
7-1/2in (19cm).

32-5994
Curved.
Tungsten Carbide.
Overall length
7-1/2in (19cm).

32-5995
Straight.
Overall length
9in (23cm).

32-5996
Curved.
Overall length
9in (23cm).

SNOWDEN-PENCER™ Diamond-SerEdge GORNEY Delicate Scissors
The blades feature serrated, Tungsten Carbide inserts.

32-5916
Curved.
Tungsten Carbide.
Overall length
8in (20.5cm).

SNOWDEN-PENCER™ Diamond-SerEdge ASTON Scissors
Serrated. Double-edged blades.

32-5980
Curved.
Tungsten Carbide.
Overall length
6-1/2in (16.5cm).

32-5981
Curved.
Tungsten Carbide.
Overall length
8in (20.5cm).
**Scissors**

Ciseaux  
Scheren  
Forbici  
Tijeras  
Tesoura  
鋏

**SNOWDEN-PENCER™ Diamond-SerEdge**  
ASTON Supercut Scissors  
Specially designed with one Supercut blade.

32-5729  
Angled.  
Tungsten Carbide.  
Overall length 5-1/2in (14cm).

**SNOWDEN-PENCER™ Diamond-SerEdge**  
DAVIS Scissors  
Serrated with sharp, tapered tips.

32-5946  
Curved.  
Tungsten Carbide.  
Overall length 7in (18cm).

**SNOWDEN-PENCER™ Diamond-SerEdge REES Scissors**  
Serrated. Theses scissors feature tapered, flattened tips and double-edged blades.

32-5822  
Curved.  
Tungsten Carbide.  
Overall length 6-3/4in (17cm).

32-5831  
Curved.  
Tungsten Carbide.  
Overall length 8in (20.5cm).

**Customer support**

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

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

Due to changing surgical trends, some products described in this catalog may be discontinued or not available in your country. Your V. Mueller sales representative may be able to suggest a suitable substitute if one is available.
SNOWDEN-PENCER™ Diamond-SerEdge
WILKINSON Scissors
These feature angled shanks, double-beveled blades and “Duckbill” tip.

32-5983
Curved.
Tungsten Carbide.
Overall length
7-3/4in (19cm).

SNOWDEN-PENCER™ Diamond-SerEdge
FREEMAN Scissors
Curved, blunt with flattened tips.

32-0989
Curved.
Tungsten Carbide.
Overall length
7in (18cm).

SNOWDEN-PENCER™ Diamond-SerEdge
GOLDMAN FOX Scissors
Serrated with tapered blades leading to fine tips.

32-5940
Curved.
Tungsten Carbide.
Overall length
5in (13cm).

SNOWDEN-PENCER™ Diamond-SerEdge
GREENBERG PAR Scissors
Lower blade serrated with tapered with flat tips.

32-5907
Straight.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).

32-5908
Curved.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).
SNOWDEN-PENCER™ Diamond-Edges PAR Scissors
Delicate with fine blades.

32-0911
Curved.
Tungsten Carbide.
Overall length
5-3/4in (14.5cm).

32-0930
Curved.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).

SNOWDEN-PENCER™ Diamond-SerEdge PAR Scissors
Lower blade serrated.

32-5911
Curved.
Tungsten Carbide.
Overall length
5-3/4in (14.5cm).

32-5930
Curved.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).

SNOWDEN-PENCER™ Diamond-Edges STEVENS Scissors
Delicate blades with tapered tips.

32-0708
Straight.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).

32-0709
Curved.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).

SNOWDEN-PENCER™ STEVENS Scissors

88-6121
Curved.
Overall length
4-5/8in (11.7cm).

88-6122
Straight.
Overall length
4-5/8in (11.7cm).

88-6123
Curved.
Overall length
6-1/4in (16cm).
**SNOWDEN-PENCER™ Diamond-Edges DEVINE Scissors**
Scissors with sharp tips and short, heavy blades.

- **32-0703**
  - Curved.
  - Tungsten Carbide.
  - Overall length 4-1/4in (11cm).

**SNOWDEN-PENCER™ Diamond-Edges DEVINE-HORTON Scissors**
Scissors with sharp tips and short, heavy blades.

- **32-0933**
  - Curved.
  - Tungsten Carbide.
  - Overall length 4-1/2in (11.5cm).

**SNOWDEN-PENCER™ Diamond-Edges STRABISMUS Scissors**
Delicate dissecting scissors with rounded tips.

- **32-0700**
  - Curved.
  - Tungsten Carbide.
  - Overall length 4-1/2in (11.5cm).
- **32-0701**
  - Straight.
  - Tungsten Carbide.
  - Overall length 4-1/2in (11.5cm).

**SNOWDEN-PENCER™ Diamond-SerEdge STRABISMUS Scissors**
One blade serrated to hold tissue.

- **32-5700**
  - Curved.
  - Tungsten Carbide.
  - Overall length 4-1/2in (11.5cm).
- **32-5701**
  - Straight.
  - Tungsten Carbide.
  - Overall length 4-1/2in (11.5cm).
**Scissors**

Ciseaux  
Scheren  
Forbici  
Tijeras  
Tesoura  
鈎

**SNOWDEN-PENCER™ Diamond-Edges Supercut STRABISMUS Scissors**

(32-4700)  
Curved.  
Tungsten Carbide.  
Overall length  
4-1/2in (11.5cm).

(32-4701)  
Straight.  
Tungsten Carbide.  
Overall length  
4-1/2in (11.5cm).

**SNOWDEN-PENCER™ Iris Scissors**  
Ribbon-type scissors with fine blades.

(32-0705)  
Curved.  
Tungsten Carbide.  
Overall length  
4-1/2in (11.5cm).

(32-0706)  
Straight.  
Tungsten Carbide.  
Overall length  
4-1/2in (11.5cm).

**SNOWDEN-PENCER™ Diamond-Edges Iris Scissors**  
Sharp-tipped scissors.

◆ (32-5705)  
Curved.  
Tungsten Carbide.  
Overall length  
4-1/2in (11.5cm).

◆ (32-5706)  
Straight.  
Tungsten Carbide.  
Overall length  
4-1/2in (11.5cm).

**SNOWDEN-PENCER™ Diamond-SerEdge Iris Scissors**  
Lower blade serrated.

(32-5705)  
Curved.  
Tungsten Carbide.  
Overall length  
4-1/2in (11.5cm).

(32-5706)  
Straight.  
Tungsten Carbide.  
Overall length  
4-1/2in (11.5cm).
**SNOWDEN-PENCER™ Diamond-Edges Supercut Iris Scissors**

- **32-4705**
  Curved.
  Tungsten Carbide.
  Overall length 4-1/2in (11.5cm).

- **32-4706**
  Straight.
  Tungsten Carbide.
  Overall length 4-1/2in (11.5cm).

**SNOWDEN-PENCER™ Iris Swedish Pattern Scissors**

General-purpose Iris scissors with long blades and round shanks.

- **88-6110**
  Curved.
  Overall length 4-1/4in (11cm).

- **88-6111**
  Straight.
  Overall length 4-1/4in (11cm).

**SNOWDEN-PENCER™ Iris American Pattern Scissors**

General-purpose Iris scissors.

- **88-6113**
  Straight.
  Overall length 4in (10cm).

- **88-6116**
  Curved.
  Overall length 4-1/2in (11.5cm).

**SNOWDEN-PENCER™ Diamond-SerEdge PECK-JOSEPH Scissors**

Double-beveled, serrated with semi-sharp tips.

- **32-5988**
  Straight.
  Tungsten Carbide.
  Overall length 5-3/4in (14.5cm).

- **32-5990**
  Curved.
  Tungsten Carbide.
  Overall length 5-3/4in (14.5cm).
**Scissors**

Ciseaux
Scheren
Forbici
Tijeras
Tesoura
剪

**SNOWDEN-PENCER™ Diamond-SerEdge Tebbetts™ Delicate Dissecting Scissors**
Sharp tips and serrated
Tungsten Carbide blades.

*32-5950*
Curved.
Tungsten Carbide.
Overall length
5-1/4in (13.5cm).

**SNOWDEN-PENCER™ Diamond-SerEdge GORNEY “Swan Neck” Scissors**
Serrated Tungsten Carbide scissors with
unique swan-neck bend in the shanks.

*32-5942*
Angled.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).

**SNOWDEN-PENCER™ Diamond-SerEdge GIUNTA Double-Angled Scissors**
Tip scissors with serrated,
double-beveled blades.

*32-5943*
Angled.
Tungsten Carbide.
Overall length
5-1/4in (13.5cm).

**SNOWDEN-PENCER™ Diamond-SerEdge LOCKLIN Scissors**
Lower blade serrated.

*32-5728*
Angled.
Tungsten Carbide.
Overall length
6-1/4in (16cm).
**SNOWDEN-PENCER™ SHEA Scissors**
Thin tips.

**88-6135**
Curved.
Overall length
4-3/4in (12cm).

---

**SNOWDEN-PENCER™ SEALY Scissors**

**88-6126**
Straight.
Overall length
4-3/4in (12cm).

---

**SNOWDEN-PENCER™ Diamond-SerEdge Tebbetts™ Scissors**
Longer blades are serrated.

**32-5838**
Angled.
Tungsten Carbide.
Overall length
7-1/2in (19cm).

---

**SNOWDEN-PENCER™ Diamond-SerEdge KNIGHT Scissors**
Serrated.

**32-5837**
Angled.
Tungsten Carbide.
Overall length
7in (18cm).
**Scissors**

Ciseaux
Scheren
Forbici
Tijeras
Tesoura
铰

**SNOWDEN-PENCER™ Converse Angled Scissors**
Angled blades.

88-6118
Angled.
Overall length 4in (10cm).

**SNOWDEN-PENCER™ GUNTER Angled, Double-Beveled Blades Scissors**
Double-beveled blades with semi-sharp outer edges.

88-6119
Angled.
Overall length 3-3/4in (9.5cm).

**SNOWDEN-PENCER™ FOMON Scissors**
Strongly curved blades.

88-6129
Strong curve.
Overall length 5-1/2in (14cm).

**SNOWDEN-PENCER™ DANIEL Tip Scissors**
Very delicate angled blades.

88-6132
Angled.
Overall length 3-3/4in (9.5cm).
SNOWDEN-PENCER™ JOSEPH Scissors

88-6127
Curved.
Overall length
6-1/4in (16cm).

SNOWDEN-PENCER™ Diamond-SerEdge
FOMON Scissors

32-5725
Angled shanks.
Angled.
Tungsten Carbide.
Overall length
5-1/2in (14cm).

SNOWDEN-PENCER™ Diamond-SerEdge
COTTLE Scissors

32-5835
Heavy serrated blades
with angled shank.
Angled.
Tungsten Carbide.
Overall length
6-1/4in (16cm).

SNOWDEN-PENCER™ Diamond-SerEdge
CAPLAN Shears

32-5998
Short, serrated blades
with double action joint.
Angled.
Tungsten Carbide.
Overall length
7-3/4in (19.5cm).
**Scissors**

<table>
<thead>
<tr>
<th>INCHES</th>
<th>CM</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>25</td>
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<td>2</td>
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<td>1</td>
<td>16</td>
</tr>
</tbody>
</table>

**SNOWDEN-PENCER™ Diamond-SerEdge**

**GORNEY Shears**

Long, serrated blades with double action joint.

**SNOWDEN-PENCER™ Diamond-Edge**

**DIETHRICH Scissors**

Serrated lower blade.

**SNOWDEN-PENCER™ Diamond-SerEdge**

**POTTS Scissors**

Serrated blades.

---

**32-5997**

Angled. Tungsten Carbide. Overall length 8in (20.5cm).

**32-5844**

25º. Overall length 7in (18cm).

**32-5845**

45º. Overall length 7in (18cm).

**32-5846**

60º. Overall length 7in (18cm).

**32-5847**

90º. Overall length 7in (18cm).

**32-5848**

120º. Overall length 7in (18cm).

**32-0844**

25º. Overall length 7in (18cm).

**32-0845**

45º. Overall length 7in (18cm).

**32-0846**

60º. Overall length 7in (18cm).

**32-0847**

90º. Overall length 7in (18cm).

**32-0848**

120º. Overall length 7in (18cm).
<table>
<thead>
<tr>
<th>Instrument pictured</th>
<th>Most widely used patterns</th>
</tr>
</thead>
</table>

**SNOWDEN-PENCER™ Diamond-Edge Supercut POTT S Scissors**

<table>
<thead>
<tr>
<th>Code</th>
<th>Angle</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-4849</td>
<td>25°</td>
<td>7-1/4in (18.5cm)</td>
</tr>
<tr>
<td>32-4850</td>
<td>45°</td>
<td>7-1/4in (18.5cm)</td>
</tr>
<tr>
<td>32-4851</td>
<td>60°</td>
<td>7-1/4in (18.5cm)</td>
</tr>
</tbody>
</table>

**SNOWDEN-PENCER™ Stitch Scissors**

Ribbon-type scissors with very sharp points, large finger rings and flat shanks with no corners or edges.

<table>
<thead>
<tr>
<th>Code</th>
<th>Curved</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>88-6181</td>
<td></td>
<td>3-3/4in (9.5cm)</td>
</tr>
<tr>
<td>88-6182</td>
<td></td>
<td>4-1/2in (11.5cm)</td>
</tr>
</tbody>
</table>

**SNOWDEN-PENCER™ Suture Scissors**

Ribbon-type scissors with very sharp points, large finger rings and flat shanks with no corners or edges.

<table>
<thead>
<tr>
<th>Code</th>
<th>Curved</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>88-6180</td>
<td></td>
<td>3-3/4in (9.5cm)</td>
</tr>
</tbody>
</table>

**SNOWDEN-PENCER™ LITTLER Scissors**

Features a hole in the distal part of the blade.

<table>
<thead>
<tr>
<th>Code</th>
<th>Curved</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>88-6175</td>
<td></td>
<td>5in (13cm)</td>
</tr>
</tbody>
</table>
Scissors

Ciseaux  Scheren  Forbici  Tijeras  Tesoura

SNOWDEN-PENCER™ SPENCER Stitch Removal Scissors
Delicate suture removal scissors with crescent-shaped tip.

88-6176
Straight.
Overall length
3-1/2in (9cm).

SNOWDEN-PENCER™ O’BRIEN Angled Stitch Scissors
Suture removal scissors with angles-to-side blades with sharp points.

88-6177
Angled.
Overall length
3-3/4in (9.5cm).

SNOWDEN-PENCER™ LISTER Bandage Scissors
Popular general-purpose bandage scissors.

88-6241
Angled.
Overall length
5-1/2in (14cm).

88-6243
Angled.
Overall length
7-1/4in (18.5cm).

SNOWDEN-PENCER™ Micro Straight Scissors
Serrated pattern with a round handle.

88-6500
Overall length
6in (15cm).

88-6501
Serrated.
Overall length
6in (15cm).

88-6502
10mm diameter.
Overall length
7in (18cm).

88-6503
8mm diameter.
Overall length
7in (18cm).

88-6504
Serrated flat handle.
Overall length
6in (15cm).
**SNOWDEN-PENCER™ Micro Dissecting Scissors**

Curved blade blunted at the tip with serrated blades and a round handle.

- **88-6505**
  Curved.  
  Overall length 4-3/4in (12cm).

- **88-6506**
  Curved and serrated.  
  Overall length 6in (15cm).

- **88-6507**
  Curved.  
  Overall length 7in (18cm).

**SNOWDEN-PENCER™ Diamond-Lite Titanium Micro Scissors**

Flat handle. Titanium micro scissors with short, delicate blades.

- **32-4605**
  Straight.  
  Overall length 5-1/2in (14cm).

- **32-4606**
  Curved.  
  Overall length 5-1/2in (14cm).

- **32-4608**
  Straight.  
  Overall length 5-1/2in (14cm).

- **32-4609**
  Curved.  
  Overall length 5-1/2in (14cm).

**SNOWDEN-PENCER™ Artery Scissors**

- **88-6615**
  45°.  
  Overall length 4-1/2in (11.5cm).

**Customer support**

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Due to changing surgical trends, some products described in this catalog may be discontinued or not available in your country. Your V. Mueller sales representative may be able to suggest a suitable substitute if one is available.
Scissors
Ciseaux
Scheren
Forbici
Tijeras
Tesoura
鋏

SNOWDEN-PENCER™ UHLIG Flat Handle Scissors

88-6622
Curved. Overall length 7in (18cm).

88-6625
25°. Overall length 7in (18cm).

88-6626
45°. Overall length 7in (18cm).

88-6627
70°. Overall length 7in (18cm).

88-9438
45°. Overall length 9in (23cm).

SNOWDEN-PENCER™ UHLIG Round Handle Scissors

88-6623
Straight. Overall length 7in (18cm).

88-6624
Curved. Overall length 7in (18cm).

88-6635
25°. Overall length 7in (18cm).

88-6636
45°. Overall length 7in (18cm).

88-6637
70°. Overall length 7in (18cm).

SNOWDEN-PENCER™ UHLIG Circumflex Flat Handle Scissors

88-6629
120°. Overall length 7in (18cm).

SNOWDEN-PENCER™ UHLIG Circumflex Scissors

Round handle.

88-6639
120°. Overall length 7in (18cm).

88-9437
120°. Overall length 9in (23cm).
SNOWDEN-PENCER™ Micro Bayonet Scissors

88-6646
45°.
Overall length
8-1/4in (21cm).

SNOWDEN-PENCER™ Micro Circumflex Bayonet Scissors

88-6647
120°.
Overall length
7-1/4in (18.5cm).

SNOWDEN-PENCER™ Diamond-Jaw WEBSTER Needle Holders
Delicate smooth jaws.

◆ 32-0405
Smooth.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium WEBSTER Needle Holder

32-4405
Micro Dl. Titanium.
Overall length
4-1/2in (11.5cm).
titanium

Instrument pictured  ◆ Most widely used patterns
**SNOWDEN-PENCER™ Diamond-Jaw HALSEY Needle Holders**

General-purpose plastic surgery needle holders with long delicate jaws.

- **SNOWDEN-PENCER™ Diamond-Lite Titanium HALSEY Needle Holder**
  - **32-0410**
    - Micro Diamond-Jaw.
    - Titanium.
    - Overall length 5in (13cm).

- **32-0415**
  - Smooth.
  - Tungsten Carbide.
  - Overall length 5in (13cm).

**SNOWDEN-PENCER™ Diamond-Jaw PAR Needle Holders**

Extremely delicate tips and fine teeth. 7,000 teeth per square inch.

- **32-0404**
  - Overall length 4-1/2in (11.5cm).

- **32-0414**
  - Overall length 5in (13cm).

**SNOWDEN-PENCER™ Diamond-Lite Titanium PAR Needle Holders**

- **32-4404**
  - Micro Diamond-Jaw.
  - Overall length 4-1/2in (11.5cm).

- **32-4414**
  - Micro Diamond-Jaw.
  - Overall length 5in (13cm).
**SNOWDEN-PENCER™ Micro Diamond-Jaw Tebbetts™ Ultra-Delicate Needle Holders**
Light action with fine tips.

**32-5406**
Angled handles. Micro jaw. Overall length 4-3/4in (12cm).

**32-5407**
Straight handles. Micro jaw. Overall length 4-3/4in (12cm).

**SNOWDEN-PENCER™ Diamond-Jaw Tebbetts™ Delicate Needle Holders**
Light action with fine tips.

**32-0409**
7000 jaw. Overall length 5-1/2in (14cm).

**32-0427**
4000 jaw. Overall length 6-3/4in (17cm).

**SNOWDEN-PENCER™ Diamond-Jaw DERF Needle Holder**
Delicate short jaws. 4,000 teeth per square inch.

**32-0400**
Tungsten Carbide. Overall length 4-3/4in (12cm).

**SNOWDEN-PENCER™ Diamond-Jaw NEIVERT Offset Needle Holder**
Modified HALSEY with 1 ring angled. 4,000 teeth per square inch.

**32-0420**
Tungsten Carbide. Overall length 5in (13cm).
Needle Holders

**SNOWDEN-PENCER™ Diamond-Jaw Swedish Needle Holder**
Delicate tips with light shanks.
7,000 teeth per square inch.

32-0426
Tungsten Carbide.
Overall length
6 in (15 cm).

**SNOWDEN-PENCER™ Diamond-Jaw ROYER Needle Holder**
Short, delicate jaws and fine teeth.
7,000 teeth per square inch.

32-0402
Tungsten Carbide.
Overall length
4-1/4 in (11 cm).

**SNOWDEN-PENCER™ Diamond-Jaw DEVINE Needle Holder**
Short, delicate jaws and fine teeth.
7,000 teeth per square inch.

32-0403
Tungsten Carbide.
Overall length
4-1/2 in (11.5 cm).

**SNOWDEN-PENCER™ Diamond-Jaw RYDER Needle Holders**
Fine parallel jaws. Tungsten Carbide.
4,000 teeth per square inch.

32-0406
Overall length
5 in (13 cm).

32-0416
Smooth.
Overall length
5 in (13 cm).

32-0206
Overall length
6 in (15 cm).

32-0321
Overall length
7 in (18 cm).

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**SNOWDEN-PENCER™ Diamond-Jaw RYDER Needle Holders**

Extremely delicate pattern with 1mm wide parallel jaws. 7,000 teeth per square inch.

- **32-0465**
  Overall length 5in (13cm).

- **32-0466**
  Overall length 6in (15cm).

- **32-0467**
  Overall length 7in (18cm).

---

**SNOWDEN-PENCER™ Diamond-Jaw EUPHRATE-PASQUE Needle Holders**

Light action with extremely delicate tapered jaws. 7,000 teeth per square inch.

- **32-0346**
  Tungsten Carbide. Overall length 6in (15cm).

- **32-0347**
  Tungsten Carbide. Overall length 7in (18cm).

- **32-0348**
  Overall length 8in (20cm).

- **32-5346**
  Micro jaw. Tungsten Carbide. Overall length 6in (15cm).

---

**SNOWDEN-PENCER™ Diamond-Jaw Microvascular Needle Holders**

Delicate, with fine, tapered points. 4,000 teeth per square inch.

- **32-0322**
  Tungsten Carbide. Overall length 7in (18cm).

- **32-0431**
  Tungsten Carbide. Overall length 6in (15cm).

---

**SNOWDEN-PENCER™ Diamond-Lite Titanium RYDER Needle Holders**

- **32-4466**
  Micro Diamond-Jaw. Overall length 6in (15cm).

- **32-4467**
  Micro Diamond-Jaw. Overall length 7in (18cm).

---

*Instrument pictured*  ❧ *Most widely used patterns*
SNOWDEN-PENCER™ Diamond-Jaw CRILE-WOOD Needle Holders
Tungsten Carbide inserts. Medium jaw pattern. 4,000 teeth per square inch.

- **32-0430**
  Overall length 6in (15cm).

- **32-0435**
  Smooth. Overall length 6in (15cm).

- **32-0320**
  Overall length 7in (18cm).

- **32-0325**
  Overall length 8in (20.5cm).

- **32-0350**
  Overall length 9in (23cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium CRILE-WOOD Needle Holder
Micro Diamond-Jaw. Overall length 6in (15cm).

- **32-4430**
  Overall length 6in (15cm).

SNOWDEN-PENCER™ Diamond-Jaw LEMMON Needle Holder
Delicate with finely rounded tips. Tungsten Carbide inserts. 7,000 teeth per square inch.

- **32-0357**
  Overall length 6-3/4in (17cm).

SNOWDEN-PENCER™ Diamond-Jaw BAUMGARTNER Needle Holders
Mayo HEGAR-type jaws. Tungsten Carbide. Overall length 5-1/2in (14cm).

- **32-0110**
  Tungsten Carbide. Overall length 5-1/2in (14cm).
SNOWDEN-PENCER™ Diamond-Jaw MAYO HEGAR Needle Holders
Tungsten Carbide inserts.
2,500 teeth per square inch.

32-0120
Overall length
6in (15cm).

32-0130
Overall length
7in (18cm).

32-0140
Overall length
8in (21.5cm).

32-0145
Overall length
9in (23cm).

32-0300
Overall length
12in (30.5cm).

SNOWDEN-PENCER™ Diamond-Jaw Wire Twisters Needle Holders
Heavy jaws provide holding ability for large diameter needles.

32-0121
Delicate. 2500 jaw.
Tungsten Carbide.
Overall length
6in (15cm).

32-0122
Blunt. 2500 jaw.
Tungsten Carbide.
Overall length
6in (15cm).

SNOWDEN-PENCER™ Diamond-Jaw CORWIN Wire Twister Needle Holder
By releasing the finger rings and pulling on the center ring, the instrument rotates and uniformly twists the wire.

32-0123
2500 jaw.
Tungsten Carbide.
Overall length
6in (15cm).

SNOWDEN-PENCER™ Diamond-Jaw OLSEN-HEGAR Needle Holders
Combination needle holder and scissors.
4,000 teeth per square inch.

32-0160
Tungsten Carbide.
Overall length
5-1/2in (14cm).

32-0170
Tungsten Carbide.
Overall length
6-1/2in (16.5cm).

32-0180
Tungsten Carbide.
Overall length
7-1/2in (19cm).
Needle Holders

SNOWDEN-PENCER™ Diamond-Jaw
OLSEN-WEBSTER Needle Holders
Combination needle holder and scissors with very delicate jaws.

32-0168
Smooth.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).

32-0169
7000 jaw.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).

32-5167
Micro jaw.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).

SNOWDEN-PENCER™ Diamond-Jaw
FOSTER-GILLIES Needle Holders
Combination needle holder and scissors with very delicate jaws.

7,000 teeth per square inch.

32-0423
Straight.
Tungsten Carbide.
Overall length
4-3/4in (12cm).

32-0424
Curved.
Tungsten Carbide.
Overall length
5-1/8in (13cm).

SNOWDEN-PENCER™ Diamond-Jaw
GILLIES Needle Holder
Needle holder/scissors combination.
4,000 teeth per square inch.

32-0425
Tungsten Carbide.
Overall length
6-1/4in (16cm).

SNOWDEN-PENCER™ Diamond-Jaw Tebbetts™
Bayonet Needle Holder
Round handle bayonet needle holder.
7,000 teeth per square inch.

32-0395
Overall length
8in (20.5cm).
SNOWDEN-PENCER™ Micro Diamond-Points Needle Holders
Extremely fine jaws (0.4 mm tip) incorporating a flattened tip and curved jaw.

88-6525
Curved.
Overall length 5in (13cm).

88-6526
Straight.
Overall length 5in (13cm).

88-6527
Curved.
Overall length 6in (15cm).

88-6528
Curved.
Overall length 7in (18cm).

88-6529
Curved.
Overall length 7in (18cm).

88-6530
Straight.
Overall length 7in (18cm).

88-6531
Curved.
Overall length 5in (13cm).

SNOWDEN-PENCER™ Micro Diamond-Jaw Delicate CASTROVIEJO Needle Holders
Round handle with extremely delicate jaws.

32-5491
Micro jaw.
Tungsten Carbide.
Overall length 6in (15cm).

32-5492
Micro jaw.
Tungsten Carbide.
Overall length 7-1/4in (18.5cm).

32-5497
Micro jaw.
Tungsten Carbide.
Overall length 6in (15cm).

32-5498
Micro jaw.
Tungsten Carbide.
Overall length 7-1/4in (18.5cm).

32-5494
Overall length 8-1/2in (21.5cm).

SNOWDEN-PENCER™ Micro Diamond-Jaw Delicate CASTROVIEJO Needle Holder
Flat handle with delicate jaws.

32-5458
Micro jaw.
Overall length 7in (18cm).

32-5459
Overall length 8-1/2in (21.5cm).

32-5454
Micro jaw.
Overall length 5-1/4in (14cm).

32-5455
Micro jaw.
Overall length 7in (18cm).
**Needle Holders**

**SNOWDEN-PENCER™** Micro Diamond-Jaw CASTROVIEJO Flat Handle Needle Holders

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-5447</td>
<td>Straight. Overall length</td>
<td>8-1/2in (21.5cm).</td>
</tr>
<tr>
<td>32-5462</td>
<td>Straight. Overall length</td>
<td>10in (25cm).</td>
</tr>
<tr>
<td>32-5463</td>
<td>Curved. Overall length</td>
<td>10in (25cm).</td>
</tr>
</tbody>
</table>

**SNOWDEN-PENCER™** Micro Diamond-Jaw CASTROVIEJO Needle Holders

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-5470</td>
<td>Micro jaw. Overall length</td>
<td>7in (18cm).</td>
</tr>
<tr>
<td>32-5476</td>
<td>Straight. Overall length</td>
<td>9in (23cm).</td>
</tr>
<tr>
<td>32-5477</td>
<td>Curved. Overall length</td>
<td>9in (23cm).</td>
</tr>
<tr>
<td>32-5460</td>
<td>Straight. Overall length</td>
<td>10in (25cm).</td>
</tr>
</tbody>
</table>

**SNOWDEN-PENCER™** Diamond-Jaw CASTROVIEJO Needle Holders

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-0480</td>
<td>7000 jaw. Tungsten Carbide. Overall length</td>
<td>6in (15cm).</td>
</tr>
<tr>
<td></td>
<td>✧ 32-0482</td>
<td>7000 jaw. Tungsten Carbide. Overall length</td>
</tr>
<tr>
<td>32-5484</td>
<td>Micro jaw. Tungsten Carbide. Overall length</td>
<td>6in (15cm).</td>
</tr>
<tr>
<td>32-5486</td>
<td>Micro jaw. Tungsten Carbide. Overall length</td>
<td>7-1/4in (18.5cm).</td>
</tr>
</tbody>
</table>

**SNOWDEN-PENCER™** Diamond-Jaw CASTROVIEJO Flat Handle Needle Holders

<table>
<thead>
<tr>
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</tr>
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<td>32-5462</td>
<td>Straight. Overall length</td>
<td>10in (25cm).</td>
</tr>
<tr>
<td>32-5463</td>
<td>Curved. Overall length</td>
<td>10in (25cm).</td>
</tr>
</tbody>
</table>

**SNOWDEN-PENCER™** Diamond-Jaw CASTROVIEJO Needle Holders

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-0481</td>
<td>7000 jaw. Tungsten Carbide. Overall length</td>
<td>6in (15cm).</td>
</tr>
<tr>
<td>32-5478</td>
<td>Micro jaw. Tungsten Carbide. Overall length</td>
<td>7-1/4in (18.5cm).</td>
</tr>
<tr>
<td>32-5485</td>
<td>Micro jaw. Tungsten Carbide. Overall length</td>
<td>6in (15cm).</td>
</tr>
</tbody>
</table>

**SNOWDEN-PENCER™** Diamond-Lite Titanium CASTROVIEJO Needle Holders

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-4484</td>
<td>Straight. Tungsten Carbide. Overall length</td>
<td>6in (15cm).</td>
</tr>
<tr>
<td>32-4485</td>
<td>Curved. Tungsten Carbide. Overall length</td>
<td>6in (15cm).</td>
</tr>
<tr>
<td>32-4478</td>
<td>Curved. Tungsten Carbide. Overall length</td>
<td>7-1/4in (18.5cm).</td>
</tr>
<tr>
<td>32-4486</td>
<td>Straight. Tungsten Carbide. Overall length</td>
<td>7-1/4in (18.5cm).</td>
</tr>
</tbody>
</table>

**titanium**
**SNOWDEN-PENCER™ RYDER-CASTROVIEJO Needle Holder**
Flat handle.

- **32-5499**
  Overall length 8-1/4in (21cm).

**SNOWDEN-PENCER™ Diamond-Jaw CASTROVIEJO Needle Holders**
Flat handle. Spring handle with unique catch mechanism and fine jaws.

- **32-0440**
  7000 jaw.
  Tungsten Carbide.
  Overall length 5-1/4in (14cm).

- **32-0444**
  7000 jaw.
  Tungsten Carbide.
  Overall length 7in (18cm).

- **32-0445**
  Smooth.
  Tungsten Carbide.
  Overall length 5-1/4in (14cm).

- **32-0448**
  Smooth.
  Tungsten Carbide.
  Overall length 7in (18cm).

- **32-5445**
  Micro jaw.
  Tungsten Carbide.
  Overall length 5-1/4in (14cm).

- **32-5448**
  Micro jaw.
  Tungsten Carbide.
  Overall length 7in (18cm).

- **32-5446**
  Curved micro jaw.
  Tungsten Carbide.
  Overall length 5-1/2in (14cm).

**SNOWDEN-PENCER™ CASTROVIEJO Delicate Flat Handle Needle Holder**

- **32-5456**
  Overall length 8-1/2in (21.5cm).

**SNOWDEN-PENCER™ Diamond-Jaw CASTROVIEJO Needle Holders**
Round handle. 7,000 teeth per square inch.

- **32-0442**
  7000 jaw.
  Overall length 8-1/2in (21.5cm).

- **32-0447**
  Smooth jaw.
  Overall length 8-1/2in (21.5cm).

- **32-0476**
  Straight.
  Overall length 9in (23cm).

- **32-0479**
  Curved.
  Overall length 8-1/4in (21cm).

- **32-0483**
  Straight.
  Overall length 8-1/4in (21cm).
**Needle Holders**

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

SNOWDEN-PENCER™ CASTROVIEJO Delicate Needle Holders

**32-5493**  
Overall length  
8-1/4in (21cm).

**32-5494**  
Overall length  
9in (23cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium CASTROVIEJO Delicate Forceps

**32-4479**  
Curved.  
Round handle.  
Overall length  
8-1/4in (18.5cm).

**32-4487**  
Straight.  
Round handle.  
Overall length  
8-1/4in (21cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium CASTROVIEJO Delicate Needle Holders

**32-4447**  
Straight.  
Overall length  
8-1/2in (21.5cm).

**32-4448**  
Straight.  
Overall length  
7in (18cm).

SNOWDEN-PENCER™ JACOBSON Needle Holder

**32-5471**  
Overall length  
8-1/2in (21.5cm).

SNOWDEN-PENCER™ MILLIS Distal Captain Hook Needle Holders

**32-5397**  
Curved.  
Overall length  
7-1/4in (18.5cm).

**32-5398**  
Curved.  
Overall length  
8-1/4in (21cm).

SNOWDEN-PENCER™ Diamond-Lite Delicate CASTROVIEJO Needle Holder

Titanium. Round handle. Straight jaws. 4,000 teeth per square inch.

**32-4490**  
Overall length  
10in (25cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium CASTROVIEJO Delicate Forceps

**32-4447**  
Straight.  
Overall length  
8-1/2in (21.5cm).

**32-4448**  
Straight.  
Overall length  
7in (18cm).
SNOWDEN-PENCER™ Diamond-Jaw BERRY Needle Holder
2,500 teeth per square inch.

**32-0135**
Overall length 7-3/4in (19.5cm).

SNOWDEN-PENCER™ Diamond-Jaw Needle Holder
2,500 teeth per square inch.

**32-0132**
Overall length 7-1/4in (18.5cm).

SNOWDEN-PENCER™ Diamond-Jaw MATHIEU French Eye Needle Holder
2,500 teeth per square inch.

**32-0190**
Overall length 8in (20.5cm).

SNOWDEN-PENCER™ Diamond-Jaw MATHIEU French Eye Needle Holders
2,500 teeth per square inch.

**32-0200**
Overall length 6in (15cm).

**32-0210**
Overall length 7in (18cm).

**32-0220**
Overall length 8in (20.5cm).

SNOWDEN-PENCER™ Diamond-Jaw NEW ORLEANS Needle Holder
2,500 teeth per square inch.

**32-0150**
Overall length 7in (18cm).
**Needle Holders**

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

**SNOWDEN-PENCER™ Diamond-Jaw STRATTE Needle Holders**  
Standard curve.  
2,500 teeth per square inch.  
32-0251  
Overall length 9in (23cm).  
32-0255  
Overall length 8in (20.5cm).

**SNOWDEN-PENCER™ Diamond-Jaw ROCHESTER Needle Holder**  
4,000 teeth per square inch.  
32-0323  
Left handed.  
Overall length 7in (18cm).

**SNOWDEN-PENCER™ Diamond-Jaw CRILE-WOOD Needle Holder**  
32-0310  
Overall length 12in (20.5cm).  
32-0365  
Overall length 10in (25.5cm).

**SNOWDEN-PENCER™ Diamond-Jaw MICRO Needle Holder**  
4,000 teeth per square inch.  
32-0327  
Overall length 8in (20.5cm).  
32-0352  
Overall length 9in (23cm).  
32-0367  
Overall length 10in (25.5cm).

**SNOWDEN-PENCER™ Diamond-Jaw RYDER Needle Holder**  
4,000 teeth per square inch.  
32-0326  
4000 jaw.  
Overall length 8in (20.5cm).  
32-0366  
4000 jaw.  
Overall length 10in (25.5cm).  
32-0468  
7000 jaw.  
Overall length 8in (20.5cm).  
32-0469  
7000 jaw.  
Overall length 9in (23cm).  
32-0327  
Overall length 8in (20.5cm).  
32-0352  
Overall length 9in (23cm).  
32-0367  
Overall length 10in (25.5cm).  

**SNOWDEN-PENCER™ Diamond-Jaw STRATTE Needle Holders**  
Standard curve.  
2,500 teeth per square inch.  
32-0251  
Overall length 9in (23cm).  
32-0255  
Overall length 8in (20.5cm).

**SNOWDEN-PENCER™ Diamond-Jaw ROYDAR Needle Holder**  
2,500 teeth per square inch.  
32-0251  
Overall length 9in (23cm).  
32-0255  
Overall length 8in (20.5cm).  

**SNOWDEN-PENCER™ Diamond-Jaw STRATTE Needle Holders**  
Standard curve.  
2,500 teeth per square inch.  
32-0251  
Overall length 9in (23cm).  
32-0255  
Overall length 8in (20.5cm).
SNOWDEN-PENCER™ Diamond-Jaw JULIAN Needle Holder

32-0328
Straight. 4000 jaw. Overall length 8in (20.5cm).

SNOWDEN-PENCER™ Diamond-Jaw SAROT Needle Holder

4,000 teeth per square inch.

32-0340
Overall length 7in (18cm).

32-0370
Overall length 10-1/2in (26.5cm).

SNOWDEN-PENCER™ Diamond-Jaw BOZEMAN Needle Holder

2,500 teeth per square inch.

32-0380
Overall length 8in (20.5cm).

SNOWDEN-PENCER™ Diamond-Jaw LEMMON Needle Holder

7,000 teeth per square inch.

32-0358
Overall length 7-1/2in (19cm).

SNOWDEN-PENCER™ Diamond-Jaw JULIAN Needle Holder

4,000 teeth per square inch.

32-0328
Overall length 8in (20.5cm).

SNOWDEN-PENCER™ Diamond-Jaw SAROT Needle Holder

4,000 teeth per square inch.

32-0340
Overall length 7in (18cm).

32-0370
Overall length 10-1/2in (26.5cm).

SNOWDEN-PENCER™ Diamond-Jaw BOZEMAN Needle Holder

2,500 teeth per square inch.

32-0380
Overall length 8in (20.5cm).

SNOWDEN-PENCER™ Diamond-Jaw LEMMON Needle Holder

7,000 teeth per square inch.

32-0358
Overall length 7-1/2in (19cm).

SNOWDEN-PENCER™ Diamond-Jaw JULIAN Needle Holder

4,000 teeth per square inch.

32-0328
Overall length 8in (20.5cm).

SNOWDEN-PENCER™ Diamond-Jaw SAROT Needle Holder

4,000 teeth per square inch.

32-0340
Overall length 7in (18cm).

32-0370
Overall length 10-1/2in (26.5cm).

SNOWDEN-PENCER™ Diamond-Jaw BOZEMAN Needle Holder

2,500 teeth per square inch.

32-0380
Overall length 8in (20.5cm).

SNOWDEN-PENCER™ Diamond-Jaw LEMMON Needle Holder

7,000 teeth per square inch.

32-0358
Overall length 7-1/2in (19cm).

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

**SNOWDEN-PENCER™ Diamond-Lite Titanium DeBAKEY Needle Holders**
4,000 teeth per square inch.

- **32-4125**
  Overall length 7in (18cm).

- **32-4127**
  Overall length 8in (20.5cm).

**SNOWDEN-PENCER™ Diamond-Lite Titanium EUPHRATE-PASQUE Needle Holder**

- **32-4347**
  Overall length 7in (18cm).

**SNOWDEN-PENCER™ Diamond-Jaw HEANEY Needle Holders**
2,500 teeth per square inch.

- **32-0230**
  Overall length 8in (20.5cm).

Due to changing surgical trends, some products described in this catalog may be discontinued. Your V. Mueller sales representative may be able to suggest a suitable substitute if one is available.

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**Customer support**

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

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

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

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**SNOWDEN-PENCER™ Double Action Needle Holder**

![Image of Needle Holder](image1)

**SNOWDEN-PENCER™ Diamond-Points ADSON Forceps**

General-purpose forceps with wide gripping surface.

**32-0500**

4000 jaw.

Tungsten Carbide.

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

**32-0556**

4000 jaw.

Tungsten Carbide.

Overall length 6in (15cm).

**SNOWDEN-PENCER™ ADSON Dressing Cross-Serrated Forceps**

Stainless steel with cross-serrated jaws.

**88-0027**

Cross serrated jaw.

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

**SNOWDEN-PENCER™ Diamond-Lite Titanium ADSON Forceps**

Lightweight, delicate general-purpose forceps with serrated jaw.

**32-4515**

Serrated jaw.

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

**SNOWDEN-PENCER™ ADSON Dressing Forceps**

Stainless steel with serrated jaws.

**88-0026**

9mm serrated jaw.

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

**88-0035**

1.2mm serrated jaw.

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

**SNOWDEN-PENCER™ ADSON Teeth Forceps**

General-purpose forceps with wide jaw surface. 1 x 2 teeth.

**32-0501**

4000 jaw.

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

**32-0558**

4000 jaw.

Overall length 6in (15cm).
SNOWDEN-PENCER™ Diamond-Lite Titanium ADSON Forceps
Lightweight, delicate general-purpose forceps with 1x2 teeth and serrated jaw.

32-4517
Serrated jaw.
Titanium.
Overall length 4-3/4in (12cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium BROWN-ADSON Forceps
Small multiple teeth. 4,000 teeth per square inch.

32-4502
Overall length 4-3/4in (12cm).

SNOWDEN-PENCER™ Diamond-Points BROWN-ADSON Forceps
Small multiple teeth. 7,000 teeth per square inch.

32-0502
Tungsten Carbide.
Overall length 4-3/4in (12cm).
32-0514
Tungsten Carbide.
Overall length 6in (15cm).

SNOWDEN-PENCER™ Diamond-Points BROWN-ADSON Forceps
Stainless steel with 1x2 teeth.

88-0036
9mm.
Overall length 4-3/4in (12cm).

88-0037
9mm tip with suture.
Overall length 4-3/4in (12cm).

SNOWDEN-PENCER™ BROWN-ADSON Forceps
Stainless steel with small multiple teeth.

88-0045
BROWN teeth.
Overall length 4-3/4in (12cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium ADSON Forceps
Lightweight, delicate general-purpose forceps with 1x2 teeth and serrated jaw.

88-0036
9mm.
Overall length 4-3/4in (12cm).

88-0037
9mm tip with suture.
Overall length 4-3/4in (12cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium ADSON Forceps
Lightweight, delicate general-purpose forceps with 1x2 teeth and serrated jaw.

32-0503
Tungsten Carbide.
Overall length 4-3/4in (12cm).
32-0559
Tungsten Carbide.
Overall length 6in (15cm).
SNOWDEN-PENCER™ Diamond-Lite Titanium HORTON-ADSON Forceps
7,000 teeth per square inch.

32-4503
Overall length 4-3/4in (12cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium GORNEY-ADSON Forceps
1x2 teeth. 7,000 teeth per square inch.

32-4511
Micro jaw. Overall length 4-3/4in (12 cm).

titanium

SNOWDEN-PENCER™ Diamond-Points Delicate ADSON Forceps
Delicate tip with smooth jaw.

32-0505
Smooth. Overall length 4-3/4in (12cm).

32-0557
7000 jaw. Overall length 6in (15cm).

titanium

SNOWDEN-PENCER™ Diamond-Points PAR Forceps
Fine tips with Diamond-Jaw insert provide secure grip. 7,000 teeth per square inch.

32-0504
Tungsten Carbide. Overall length 4-3/4in (12cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium PAR Forceps
7,000 teeth per square inch.

32-4504
Overall length 4-3/4in (12cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium HORTON-ADSON Forceps
7,000 teeth per square inch.

32-4503
Overall length 4-3/4in (12cm).

◆ Most widely used patterns

Instrument pictured
**Thumb Forceps**

SNOWDEN-PENCER™ Micro Diamond-Jaw Tebbetts™ BROWN Forceps
Fine multiple teeth.

32-5518
Micro jaw.
Tungsten Carbide.
Overall length
4-3/4in (12cm).

SNOWDEN-PENCER™ Micro Diamond-Jaw Tebbetts™ Delicate Forceps
Fine teeth and Micro Diamond-Jaw tying platform.

32-5515
5mm tip.
Micro jaw.
Overall length
4-3/4in (12cm).

32-5516
9mm tip. Micro jaw.
Tungsten Carbide.
Overall length
4-3/4in (12cm).

SNOWDEN-PENCER™ Micro Diamond-Jaw CASTROVIEJO Forceps
Extremely delicate tissue forceps with fine teeth and Micro Diamond-Jaw tying platform.

32-5506
3mm tip.
Micro jaw.
Overall length
4in (10.5cm).

32-5507
5mm tip.
Micro jaw.
Overall length
4in (10.5cm).

32-5508
9mm tip.
Micro jaw.
Overall length
4in (10.5cm).

32-5509
1.5mm tip.
Micro jaw.
Overall length
4in (10.5cm).

SNOWDEN-PENCER™ Micro Diamond-Jaw Tebbetts™ CASTROVIEJO Forceps
Fine multiple teeth.

32-5517
Micro jaw.
Tungsten Carbide.
Overall length
4-3/4in (12cm).

SNOWDEN-PENCER™ Diamond-Lite CASTROVIEJO Titanium Forceps
CASTROVIEJO-type forceps with fine BROWN teeth provides multiple fixation points.

32-4506
3mm tip.
Micro jaw.
Overall length
4in (10.5cm).

32-4507
5mm tip.
Micro jaw.
Overall length
4in (10.5cm).

32-4508
9mm tip.
Micro jaw.
Overall length
4in (10.5cm).

titanium

SNOWDEN-PENCER™ Iris Tissue 1x2 Teeth Forceps
Delicate forceps.

88-0059
1x2 teeth.
Overall length
4in (10.5cm).
SNOWDEN-PENCER™ Iris Dressing Forceps

88-0058
Serrated jaw.
Overall length
4in (10cm).

SNOWDEN-PENCER™ JULIAN Suture Forceps

88-0057
Smooth jaw.
Overall length
4-3/8in (11cm).

SNOWDEN-PENCER™ BISHOP-HARMON Forceps

88-0070
4mm tip.
1x2 teeth.
Overall length
3-1/2in (9cm).

88-0071
6mm tip.
1x2 teeth.
Overall length
3-1/2in (9cm).

SNOWDEN-PENCER™ GREEN Fixation Forceps

88-0080
5mm tip.
Overall length
4in (10cm).

88-0081
9mm tip.
Overall length
4in (10cm).

88-0082
12mm tip.
Overall length
4in (10cm).

SNOWDEN-PENCER™ Diamond-Points SEMKEN Forceps

32-0577
7000 jaw.
Tungsten Carbide.
Overall length
6in (15cm).

SNOWDEN-PENCER™ McINDOE Dissecting Forceps

88-0060
Serrated jaw.
Overall length
6in (15cm).
**Thumb Forceps**

- **SNOWDEN-PENCER™ GILLIES Dissecting Forceps**
  Fine jaws and delicate 1x2 teeth.  
  **88-0061**
  Serrated jaw.  
  Overall length 6in (15cm).

- **SNOWDEN-PENCER™ Diamond-Points CUSHING Forceps**
  4,000 teeth per square inch.  
  **32-0520**
  Overall length 7in (18cm).

- **SNOWDEN-PENCER™ Diamond-Lite Titanium CUSHING Forceps**
  Lightweight, delicate CUSHING forcep with serrated jaws.  
  **32-4520**
  Serrated jaw.  
  Overall length 7in (18cm).

- **SNOWDEN-PENCER™ CUSHING Angled Forceps**
  Tips angled at 45°.  
  **32-0521**
  Tungsten Carbide.  
  Overall length 7in (18cm).

- **SNOWDEN-PENCER™ Diamond-Points BROWN Forceps**
  Small. Multiple teeth.  
  **32-0516**
  Tungsten Carbide.  
  Overall length 6in (15cm).

- **SNOWDEN-PENCER™ General Forceps**
  2,500 teeth per square inch.  
  **32-0510**
  Tungsten Carbide.  
  Overall length 6in (15cm).

- **SNOWDEN-PENCER™ Diamond-Points GILLIES Dissecting Forceps**
  Fine jaws and delicate 1x2 teeth.  
  **88-0061**
  Serrated jaw.  
  Overall length 6in (15cm).

- **SNOWDEN-PENCER™ Diamond-Lite Titanium CUSHING Forceps**
  Lightweight, delicate CUSHING forcep with serrated jaws.  
  **32-4520**
  Serrated jaw.  
  Overall length 7in (18cm).

- **SNOWDEN-PENCER™ CUSHING Angled Forceps**
  Tips angled at 45°.  
  **32-0521**
  Tungsten Carbide.  
  Overall length 7in (18cm).
**SNOWDEN-PENCER™ Diamond-Points CUSHING Bayonet Forceps**
Shanks bayonetted (offset).
4,000 teeth per square inch.

32-0525
Tungsten Carbide.
Overall length
7-1/2in (19cm).

**SNOWDEN-PENCER™ CUSHING-BROWN Forceps**
Cushing forceps with BROWN-type teeth with scraper end.

88-0047
BROWN teeth.
Overall length
7in (18cm).

**SNOWDEN-PENCER™ Diamond-Points POTTS-SMITH Forceps**
4,000 teeth per square inch.

32-0526
Tungsten Carbide.
Overall length
7in (18cm).

32-0530
Tungsten Carbide.
Overall length
9in (23cm).

**SNOWDEN-PENCER™ Diamond-Points BONNEY Forceps**
Strong, heavy-toothed forcep.
1x2 teeth.
2,500 teeth per square inch.

32-0518
Tungsten Carbide.
Overall length
6-3/4in (17cm).

**SNOWDEN-PENCER™ CUSHING-BROWN Forceps**
Cushing forceps with BROWN-type teeth with scraper end.

32-0570
Tungsten Carbide.
Overall length
7in (18cm).

32-0571
1x2 teeth.
Tungsten Carbide.
Overall length
7in (18cm).
Due to changing surgical trends, some products described in this catalog may be discontinued. Your V. Mueller sales representative may be able to suggest a suitable substitute if one is available.

**SNOWDEN-PENCER™ DeBAKEY Forceps**  
DeBAKEY serrations.

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**SNOWDEN-PENCER™ DeBAKEY Titanium Forceps**

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**SNOWDEN-PENCER™ Diamond-Lite DeBAKEY Titanium Forceps**

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<td>2.0mm jaw</td>
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**SNOWDEN-PENCER™ DeBAKEY Forceps**

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**SNOWDEN-PENCER™ Diamond-Lite DeBAKEY Titanium Forceps**

Due to changing surgical trends, some products described in this catalog may be discontinued. Your V. Mueller sales representative may be able to suggest a suitable substitute if one is available.

**Thumb Forceps**

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**SNOWDEN-PENCER™ DeBAKEY Forceps**  
DeBAKEY serrations.

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**Thumb Forceps**

Pince à dissection  
Daumenzange  
Pinze da pollice  
Pinzas  
Forceps de polegar  
親指钳子
SNOWDEN-PENCER™ Diamond-Jaw Tebbetts™ Bayonet Forceps
Round-handled bayonet forceps feature multiple BROWN-style teeth.

32-0523
7000 jaw.
Tungsten Carbide.
Overall length
7-3/4in (20cm).

88-0077
BROWN teeth.
Tungsten Carbide.
Overall length
7-3/4in (20cm).

SNOWDEN-PENCER™ LUCAE Dressing Forceps
Stainless steel with serrated jaws.

88-0053
Serrated jaw.
Overall length
5-1/2in (14cm).

SNOWDEN-PENCER™ GRUENWALD Dressing Bayonet Forceps
Long shanks.

88-0056
Serrated jaw.
Overall length
8in (20.5cm).

SNOWDEN-PENCER™ Micro Diamond-Jaw Jeweler’s Forceps

32-5541
Micro jaw.
Dilator 4-1/2in (11.5cm).
Tungsten Carbide.

(32-5543)
Size #3. Micro jaw.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).

32-5544
Size #4. Micro jaw.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).

32-5545
Size #5. Micro jaw.
Tungsten Carbide.
Overall length
4-1/2in (11.5cm).
**SNOWDEN-PENCER™ Micro Forceps**

Extremely fine tip.

**SNOWDEN-PENCER™ Micro Pierse Forceps**

3mm tip.

**SNOWDEN-PENCER™ Diamond-Points CHITWOOD-DeBAKEY Forceps**

Tungsten carbide inserts.

**SNOWDEN-PENCER™ Diamond-Points GERALD Forceps**

7,000 teeth per square inch.

**SNOWDEN-PENCER™ Diamond-Points GERALD Round Handle Forceps**

7,000 teeth per square inch.

**SNOWDEN-PENCER™ Micro Dilator Forceps**

Parallel, flattened tips with round handle.

**SNOWDEN-PENCER™ Micro Pierce Forceps**

Extremely fine tip.
**SNOWDEN-PENCER™**
Diamond-Lite Titanium DeBAKEY Micro Round Handle Forceps
Round handle.

32-4177
1.3mm tip.
Overall length
7in (18cm).

32-4178
1.3mm tip.
Overall length
8-1/4in (21cm).

**SNOWDEN-PENCER™**
Micro Diamond-Jaw Artery Forceps

32-4594
Straight.
Flat handle.
Overall length
7in (18cm).

32-4598
Straight.
Flat handle.
Overall length
8-1/4in (21cm).

**SNOWDEN-PENCER™**
Micro Diamond-Jaw Titanium Artery Forceps

32-5594
Straight.
Overall length
7in (18cm).

32-5598
Overall length
8-1/4in (21cm).

**SNOWDEN-PENCER™**
Micro Diamond-Jaw Distal Forceps

32-5580
Straight.
Overall length
7in (18cm).

32-5581
Curved.
Overall length
7in (18cm).

32-5582
Straight.
Overall length
8-1/4in (21cm).

**SNOWDEN-PENCER™**
Micro Diamond-Lite Titanium Gerald Forceps
7,000 teeth per square inch.

32-4569
Overall length
7in (18cm).

**SNOWDEN-PENCER™**
Micro Diamond-Lite Titanium DeBAKEY Forceps
7,000 teeth per square inch.

32-4561
Overall length
7-3/4in (19.5cm).

**SNOWDEN-PENCER™**
Diamond-Lite Titanium DeBAKEY Forceps
7,000 teeth per square inch.

32-4561
Overall length
7in (18cm).

**SNOWDEN-PENCER™**
Micro Diamond-Lite Titanium CHITWOOD-DEBAKEY Forceps
7,000 teeth per square inch.

32-4569
Overall length
7in (18cm).

**SNOWDEN-PENCER™**
Diamond-Lite Titanium CHITWOOD-DEBAKEY Forceps
7,000 teeth per square inch.

32-4569
Overall length
7in (18cm).

**SNOWDEN-PENCER™**
Diamond-Lite Titanium CHITWOOD-DEBAKEY Forceps
7,000 teeth per square inch.

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Overall length
7in (18cm).

**SNOWDEN-PENCER™**
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7,000 teeth per square inch.

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7in (18cm).

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Diamond-Lite Titanium CHITWOOD-DEBAKEY Forceps
7,000 teeth per square inch.

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7,000 teeth per square inch.

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Overall length
7in (18cm).

**SNOWDEN-PENCER™**
Diamond-Lite Titanium CHITWOOD-DEBAKEY Forceps
7,000 teeth per square inch.

32-4569
Overall length
7in (18cm).
SNOWDEN-PENCER™ Micro DeBAKEY Forceps

- **88-0188**
  - 1.3mm tip.
  - Overall length 7in (18cm).
- **88-0189**
  - 1.3mm tip.
  - Overall length 8-1/4in (21cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium MILLS Distal Ring Forceps
Titanium. 4,000 teeth per square inch.

- **32-4521**
  - Round handle.
  - Overall length 10in (25cm).
- **32-4586**
  - Round handle.
  - Overall length 7in (18cm).
- **32-4588**
  - Overall length 8-1/4in (21cm).

SNOWDEN-PENCER™ MILLS Distal Ring Forceps
Flat handle.

- **32-5528**
  - Overall length 8in (20.5cm).

SNOWDEN-PENCER™ Micro Diamond-Jaw MILLS Distal Ring Forceps

- **32-5578**
  - Overall length 7in (18cm).
- **32-5579**
  - Overall length 8-1/4in (21cm).
- **32-5584**
  - Round handle.
  - Overall length 6in (15cm).
- **32-5586**
  - Round handle.
  - Overall length 7in (18cm).
- **32-5588**
  - Round handle.
  - Overall length 8-1/4in (21cm).
- **32-5560**
  - Overall length 10in (25cm).

SNOWDEN-PENCER™ Diamond-Touch MILLS Distal Ring Forceps

- **88-0188**
  - 1.3mm tip.
  - Overall length 7in (18cm).
- **88-0189**
  - 1.3mm tip.
  - Overall length 8-1/4in (21cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium MILLS Distal Ring Forceps
Titanium. 4,000 teeth per square inch.

- **32-4521**
  - Round handle.
  - Overall length 10in (25cm).
- **32-4578**
  - Overall length 7in (18cm).
- **32-4579**
  - Overall length 8-1/4in (21cm).
- **32-4580**
  - Straight.
  - Overall length 7in (18cm).
- **32-4586**
  - Round handle.
  - Overall length 7in (18cm).
- **32-4588**
  - Overall length 8-1/4in (21cm).

SNOWDEN-PENCER™ Micro Diamond-Jaw MILLS Distal Ring Forceps

- **32-5578**
  - Overall length 7in (18cm).
- **32-5579**
  - Overall length 8-1/4in (21cm).
- **32-5580**
  - Straight.
  - Overall length 7in (18cm).
- **32-5586**
  - Round handle.
  - Overall length 7in (18cm).
- **32-5588**
  - Round handle.
  - Overall length 8-1/4in (21cm).
- **32-5560**
  - Overall length 10in (25cm).
SNOWDEN-PENCER™ Diamond-Lite Titanium MILLS Proximal Ring Forceps
Round handle.
32-4587
Overall length 7in (18cm).
32-4589
Overall length 8-1/4in (21cm).

SNOWDEN-PENCER™ Diamond-Points CLINIC-GOLD Forceps
7,000 teeth per square inch.
32-0528
Overall length 8in (20.5cm).

SNOWDEN-PENCER™ Diamond-Points GERALD Forceps
7,000 teeth per square inch.
32-0572
Overall length 9in (23cm).

SNOWDEN-PENCER™ Delicate Mosquito Hemostats
Lightweight mosquito forceps with fine jaw.
88-0307
Short jaw. Curved. Overall length 4-1/2in (11.5cm).
88-0309
Regular jaw. Curved. Overall length 4-1/2in (11.5cm).
88-0310
Regular jaw. Straight. Overall length 5-3/4in (14.5cm).
88-0311
Regular jaw. Curved. Overall length 5-3/4in (14.5cm).

SNOWDEN-PENCER™ Diamond-Lite Titanium Mosquito Hemostats
32-4300
Straight. Overall length 3-1/2in (9cm).
32-4301
Curved. Overall length 3-1/2in (9cm).
32-4302
Straight. Overall length 5in (12.5cm).
32-4303
Curved. Overall length 5in (12.5cm).

Instrument pictured ✤ Most widely used patterns
**SNOWDEN-PENCER™ HARTMAN Mosquito Hemostats**

88-0300
Straight. Overall length 3-1/2in (9cm).

88-0301
Curved. Overall length 3-1/2in (9cm).

88-0302
Straight. Overall length 5in (12.5cm).

88-0303
Curved. Overall length 5in (12.5cm).

**SNOWDEN-PENCER™ General Forceps**

88-0425
Overall length 4-3/4in (13cm).

**SNOWDEN-PENCER™ KELLY Hemostats**

Feature serrations over half the length of the jaws.

88-0313
Straight. Overall length 5-1/2in (14cm).

88-0314
Curved. Overall length 5-1/2in (14cm).

**SNOWDEN-PENCER™ Crile Hemostats**

Features serrations over the entire jaw.

88-0317
Curved. Overall length 5-1/2in (14cm).

88-0319
Curved. Overall length 6-1/4in (16cm).

**SNOWDEN-PENCER™ ADSON Hemostat**

Long hemostat with strong curve.

88-0358
Curved. Overall length 7-1/4in (18.5cm).
SNOWDEN-PENCER™ JULIAN Mosquito Hemostat
Extra delicate.

88-0359
Curved.
Overall length
7-1/2in (19cm).

Customer support

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SNOWDEN-PENCER™ Fixation Forceps

88-0427
Overall length
5-1/2in (14cm).

SNOWDEN-PENCER™ ALLIS Hemostats
Delicate teeth.

88-0349
Overall length
5-1/2in (14cm).

88-0350
Overall length
6in (15cm).
SNOWDEN-PENCER™ Diamond-Jaw BABCOCK Tissue Forceps
2,500 teeth per square inch.

32-0580
Overall length 6-1/2in (16.5cm).

32-0585
Overall length 8in (20.5cm).

SNOWDEN-PENCER™ LAHEY Hemostat

88-0363
Overall length 6in (15.5cm).

SNOWDEN-PENCER™ D’ASSUMPCAO Forceps
Overall length 6-1/4in (16cm).

88-2325
Without ratchet.

88-2326
With ratchet.

SNOWDEN-PENCER™ PITANGUY Grasping Forceps
Two protruding teeth with opposing apertures.

88-0365
Overall length 5-1/2in (14cm).

SNOWDEN-PENCER™ EDNA Towel Hemostats
Non-perforating jaws.

88-0344
Overall length 4in (10cm).

88-0345
Overall length 5-1/2in (14cm).
**SNOWDEN-PENCER™ BACKHAUS Towel Hemostats**

Sharp, pointed tips overlap.

**SNOWDEN-PENCER™ FOERSTER Sponge-Holding Forceps**

Overall length 9-1/2in (24cm).

**SNOWDEN-PENCER™ Tebbetts™ Platform Forceps**

Angled. Overall length 7-1/4in (18.5cm).

**SNOWDEN-PENCER™ JANSEN Middleton Forceps**

Large, fenestrated jaws.

**SNOWDEN-PENCER™ JANSEN Middleton Forceps**

Large, fenestrated jaws.
## Forceps

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
</table>
| 88-0860 | **SNOWDEN-PENCER™ ASCH** Straightening Forceps  
Overall length 9 in (23 cm). |
| 88-3015 | **SNOWDEN-PENCER™ Tebbetts™** Forceps  
2.5 mm jaw.  
Overall length 6-1/4 in (16 cm). |
| 88-3010 | **SNOWDEN-PENCER™ BEYER** Forceps  
3 mm jaw.  
Overall length 7 in (18 cm). |
| 88-3050 | **SNOWDEN-PENCER™ TAKAHASHI** Cutting Forceps  
Long and slender shaft.  
2.5 mm bite.  
5-1/2 in (14.5 cm) shaft length. |
**SNOWDEN-PENCER™ KLEINERT-KUTZ Forceps**

88-3012

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

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**SNOWDEN-PENCER™ Diamond-View Retractor System Retractors**

Special blade (18cm x 2cm). Single-use fiberoptic light panel easily slides onto the retractor bar and provides full illumination along the blade.

88-1003
Overall length 4in (10cm).

88-1002
Overall length 5in (12.5cm).

88-1001
Overall length 6in (15cm).

---

**Fiberoptic Panels**

- 88-1006K
  Overall length 4in (10cm).

- 88-1005K
  Overall length 5in (12.5cm).

- 88-1004K
  Overall length 6in (15cm).

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**SNOWDEN-PENCER™ Tebbetts™ Fiberoptic Retractors**

Suction capability to provide for smoke evacuation.

- 88-1086
  9cm x 30mm blade.

- 88-1087
  9cm x 24mm blade.

- 88-1088
  15cm x 30mm blade.

88-1090
19cm x 30mm blade.

88-1186
9cm x 30mm blade without teeth.

88-1187
9cm x 24mm blade without teeth.

- 88-1188
  15cm x 30mm blade without teeth.

88-1190
19cm x 30mm blade without teeth.

- 88-9760
  7.5ft fiberoptic light cable. Overall length 3.5mm. Acmi/Acmi.

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**SNOWDEN-PENCER™ Tebbetts™ Double-Ended Retractor**

Versatile double-ended retractor with serrated blades.

88-1080
Overall length 12-1/4in (31cm).
Rewares

SNOWDEN-PENCER™ Tebbetts™
Spatula Retractor
Semi-malleable.
88-1082
1in x 6in blade.
Overall length
12-1/2in (31.5cm).

SNOWDEN-PENCER™ Tebbetts™
Ribbon Retractor
88-1078
Overall length
5in (13cm).

SNOWDEN-PENCER™ Tebbetts™
AUFRICHT Retractor
Designed with a custom curve
and stabilizing teeth at the tip.
88-1079
Overall length
4-3/4in (12cm).

SNOWDEN-PENCER™ HAMRA Retractor
Double-ended retractor
with a 2cm blade at
1 end and a 1cm
blade at the other.
88-1120
Overall length
7in (18cm).

SNOWDEN-PENCER™ BROMLEY Retractor
Overall length
6-1/2in (16.5cm).

SNOWDEN-PENCER™ Tebbetts™
Spatula Retractor
Semi-malleable.
88-1082
1in x 6in blade.
Overall length
12-1/2in (31.5cm).

SNOWDEN-PENCER™ Tebbetts™
Ribbon Retractor
88-1078
Overall length
5in (13cm).

SNOWDEN-PENCER™ Tebbetts™
AUFRICHT Retractor
Designed with a custom curve
and stabilizing teeth at the tip.
88-1079
Overall length
4-3/4in (12cm).

SNOWDEN-PENCER™ HAMRA Retractor
Double-ended retractor
with a 2cm blade at
1 end and a 1cm
blade at the other.
88-1120
Overall length
7in (18cm).

SNOWDEN-PENCER™ BROMLEY Retractor
Overall length
6-1/2in (16.5cm).

SNOWDEN-PENCER™ Tebbetts™
Spatula Retractor
Semi-malleable.
88-1082
1in x 6in blade.
Overall length
12-1/2in (31.5cm).

SNOWDEN-PENCER™ Tebbetts™
Ribbon Retractor
88-1078
Overall length
5in (13cm).

SNOWDEN-PENCER™ Tebbetts™
AUFRICHT Retractor
Designed with a custom curve
and stabilizing teeth at the tip.
88-1079
Overall length
4-3/4in (12cm).

SNOWDEN-PENCER™ HAMRA Retractor
Double-ended retractor
with a 2cm blade at
1 end and a 1cm
blade at the other.
88-1120
Overall length
7in (18cm).

SNOWDEN-PENCER™ BROMLEY Retractor
Overall length
6-1/2in (16.5cm).
SNOWDEN-PENCER™ FOMON Double Ball End Retractor

88-1014
Overall length 6-1/4in (16cm).

SNOWDEN-PENCER™ Tebbetts™ Skin Retractor

88-1077
Overall length 6in (15cm).

SNOWDEN-PENCER™ Tip Retractor

88-1021
Overall length 4-1/4in (11cm).

SNOWDEN-PENCER™ CONVERSE Retractors
Delicate retractor with concave blade. Handle design with curved end. Also available with fiberoptic attachment.

88-1025
Overall length 2in (5cm).

88-1026
With fiberoptics. Overall length 2in (5cm).

88-1027
45mm tapered blade. Overall length 7in (18cm).

SNOWDEN-PENCER™ AUFRICHT Retractor
Popular retractor with concave blade.

88-1028
45mm tapered blade with fiberoptics. Overall length 7in (18cm).
SNOWDEN-PENCER™ WEITLANIER Retractors

88-1215
2 x 3 sharp prongs.
Overall length 4-1/2in (11.5cm).

88-1219
3 x 4 sharp prongs.
Overall length 5-1/2in (14cm).

SNOWDEN-PENCER™ FREEMAN Retractor
Tip is slightly curved downward.

88-1068
1/2in (12mm) blade width.
Overall length 8in (20.5cm).

SNOWDEN-PENCER™ Retractor
Angled tip.

88-1070
7-1/2in (19cm) x 7/8in (23mm) blade.

SNOWDEN-PENCER™ BIGGS Retractors
Fenestrated blade.

88-1071
Standard blade (2in width).

88-1073
Narrow blade (1.2in width).
SNOWDEN-PENCER™ DEAVER Retractors
General-purpose retractor.

88-1150
3/4in (1.9cm) x 7in (18cm).

88-1151
1in (2.5cm) x 8in (20.5cm).

88-1152
1in (2.5cm) x 12in (30.5cm).

SNOWDEN-PENCER™ U.S. Army Retractor
Set of 2 general-purpose retractors.

88-1164
Overall length
8-1/2in (21.5cm).

SNOWDEN-PENCER™ MAXWELL Flap Retractors
Short handle with finger hold.

88-1092
1-1/2in (38mm) wide.
Overall length
4in (10cm).

88-1093
7/8in (22mm) wide.
Overall length
4in (10cm).

SNOWDEN-PENCER™ FREEMAN Rake Retractors
4-prong retractor. Features two recessed inner prongs.

88-1066
7in (18cm) x 1-1/2in (38mm) wide.

88-1067
7in (18cm) x 0.7/8in (22mm) wide.
SNOWDEN-PENCER™ ANDERSON Bear Claw Retractors

88-1046
3 prong.
Overall length
4-3/4in (12cm).

88-1047
5 prong.
Overall length
4-3/4in (12cm).

SNOWDEN-PENCER™ GORNEY Rake Retractor

88-1064
38mm wide.
Overall length
3in (7.5cm).

SNOWDEN-PENCER™ Retractor

Angled tip.

88-1063
4-1/2in
(12cm) x 7/8in
(2.3cm) blade.

SNOWDEN-PENCER™ DesMARRES Lid Retractors

88-1055
9mm.
Overall length
5-1/2in (14cm).

88-1055-1
9mm.
Insulated.
Overall length
5-1/2in (14cm).

88-1056
11mm.
Overall length
5-1/2in (14cm).

88-1056-1
11mm.
Insulated.
Overall length
5-1/2in (14cm).

88-1057
13mm.
Overall length
5-1/2in (14cm).

88-1057-1
13mm.
Insulated.
Overall length
5-1/2in (14cm).

88-1058
15mm.
Overall length
5-1/2in (14cm).

88-1058-1
15mm.
Insulated.
Overall length
5-1/2in (14cm).
SNOWDEN-PENCER™ ROLL ET Retractor
Delicate retractor with four sharp prongs.

88-1045
Overall length 5 in (13 cm).

SNOWDEN-PENCER™ MILLER Rake Retractor

88-1043
9 sharp prongs. Overall length 5-1/4 in (13.5 cm).

SNOWDEN-PENCER™ RAGNELL Retractor
Delicate, double-ended retractor.

88-1053
Overall length 6 in (15 cm).

SNOWDEN-PENCER™ RAGNELL- DAVIS Retractor
RAGNELL retractor with round-knurled handle.

88-1054
Overall length 6 in (15 cm).

SNOWDEN-PENCER™ SENN Retractors

88-1050
Sharp.

88-1051
Blunt.

SNOWDEN-PENCER™ MILLER Rake Retractor

88-1043
9 sharp prongs. Overall length 5-1/4 in (13.5 cm).

SNOWDEN-PENCER™ RAGNELL Retractor
Delicate, double-ended retractor.

88-1053
Overall length 6 in (15 cm).

SNOWDEN-PENCER™ RAGNELL Retractor
RAGNELL retractor with round-knurled handle.

88-1054
Overall length 6 in (15 cm).

SNOWDEN-PENCER™ MILLER Rake Retractor

88-1043
9 sharp prongs. Overall length 5-1/4 in (13.5 cm).

SNOWDEN-PENCER™ RAGNELL Retractor
Delicate, double-ended retractor.

88-1053
Overall length 6 in (15 cm).
**SNOWDEN-PENCER™ DINGMAN Mouth Gag**
Three tongue blades which are grooved.

**SNOWDEN-PENCER™ Tebbetts™ Angulated Retractor**
Tapered edge blade with a straight shaft.

**SNOWDEN-PENCER™ Tebbetts™ Spatulated Retractor**

**SNOWDEN-PENCER™ Stainless COTTLE Knife Guard Retractor**

Overall length 8in (20cm).
SNOWDEN-PENCER™ 7-Prong Retractor

88-1062
Overall length 7in (18cm).

SNOWDEN-PENCER™ PITIE-SALPETRIERE Retractors
Angled blades with DeBAKEY teeth.

89-2403
Angled blade.
Overall length 8in (20cm).

SNOWDEN-PENCER™ Dissector, Curved

88-5086
Overall length 9-1/2in (24cm).

SNOWDEN-PENCER™ Parietal Elevator/Dissector

88-5084
Overall length 10-1/2in (26.5cm).

SNOWDEN-PENCER™ “T” Dissector

88-5077
Overall length 9-7/8in (25.3cm).
**SNOWDEN-PENCER™ Dissector**

88-5075
Overall length 11in (28cm).

**SNOWDEN-PENCER™ Dissector**

88-5081
Overall length 10in (25.5cm).

**SNOWDEN-PENCER™ Dissector**

88-5080
Overall length 10-1/4in (26cm).

**SNOWDEN-PENCER™ Flap Dissector**

88-5082
Overall length 9-3/4in (25cm).

**SNOWDEN-PENCER™ Elevator**

88-5083
Overall length 8-3/4in (22.5cm).

**SNOWDEN-PENCER™ Dissector**

88-5075
Overall length 11in (28cm).

**SNOWDEN-PENCER™ Elevator**

Multiple curvatures of shaft.
SNOWDEN-PENCER™ Sharp Tip Dissector
Tapered and sharp-tipped.

**88-5052**
Half Curved.
Overall length 9-1/4in (23.5cm).

SNOWDEN-PENCER™ Dissector
Extra-sharp tip with tapered edges.

**88-5053**
Half curved.
Overall length 9-1/4in (23.5cm).

SNOWDEN-PENCER™ Dissector, Curved
Curved rounded tip.

**88-5061**
Curved.
Overall length 9-1/4in (23.5cm).

SNOWDEN-PENCER™ Dissector
Bilateral design.

**88-5220**
Overall length 13in (33cm).

SNOWDEN-PENCER™ Electrosurgical Dissectors
Universal handle fits most dissectors.

**88-5225**
Curved left shaft.
Straight tip.
Overall length 14-1/2in (36.5cm).

**88-5300**
Electrode handle only with suction.

**88-5226**
Curved right shaft.
Straight tip.
Overall length 14-1/2in (36.5cm).

**88-5227**
Right and left curved shaft.
Straight tip.
Overall length 14-1/2in (36.5cm).

**88-5228**
Straight shaft.
Angled tip.
Overall length 14-1/2in (36.5cm).

Due to changing surgical trends, some products described in this catalog may be discontinued. Your V. Mueller sales representative may be able to suggest a suitable substitute if one is available.
**SNOWDEN-PENCER™ Surgical Balloon Dissectors**

This product is sold sterile. Single-use only.

- **89-8502**
  600cc. 2 small breast balloons/patient.

- **89-8500**
  900cc. 2 medium breast balloons/patient.

- **89-8501**
  1000cc. 2 large breast balloons/patient.

**SNOWDEN-PENCER™ Diamond-Tips FOMON Rasps**

Double-ended provides two working surfaces.

- **32-3002**
  #1 and #2.
  Tungsten Carbide.
  Overall length
  8-1/2in (21.5cm).

- **32-3004**
  #3 and #4.
  Tungsten Carbide.
  Overall length
  8-1/2in (21.5cm).

- **32-3006**
  #5 and #6.
  Tungsten Carbide.
  Overall length
  8-1/2in (21.5cm).

- **32-3008**
  #7 and #8.
  Tungsten Carbide.
  Overall length
  8-1/2in (21.5cm).

**SNOWDEN-PENCER™ Diamond-Tips PARKES Rasps**

Large handle.

- **32-3011**
  #1.
  Overall length
  8in (20.5cm).

- **32-3012**
  #2.
  Overall length
  8in (20.5cm).

- **32-3013**
  #3.
  Overall length
  8in (20.5cm).

- **32-3014**
  #4.
  Overall length
  8in (20.5cm).

- **32-3015**
  #5.
  Overall length
  8in (20.5cm).

- **32-3016**
  #6.
  Overall length
  8in (20.5cm).

- **32-3017**
  #7.
  Overall length
  8in (20.5cm).

- **32-3018**
  #8.
  Overall length
  8in (20.5cm).
**SNOWDEN-PENCER™ Diamond-Tips LAMB Rasps**

**32-3044**
- #4.
- Overall length
- 9in (23cm).

**SNOWDEN-PENCER™ Diamond-Tips MALTZ Rasp**
- Flat short handle.
- **32-3026**
- #6.
- Overall length
- 6-1/2in (16.5cm).

**SNOWDEN-PENCER™ Diamond-Tips GLABELLA Rasp**
- Down-cutting rasp with small-radius tip.
- **32-3105**
- Medium.
- Overall length
- 8-1/2in (21.5cm).

**SNOWDEN-PENCER™ Diamond-Tips GLABELLA, Large Rasp**
- Large radius tip.
- **32-3115**
- Coarse.
- Overall length
- 8-1/2in (21.5cm).

**SNOWDEN-PENCER™ Diamond-Tips WEBSTER-GLABELLA Rasp**
- Bi-directional (push-pull) cut.
- **32-3120**
- Coarse.
- Overall length
- 8-1/2in (21.5cm).

**SNOWDEN-PENCER™ Diamond-Tips MALTZ Rasps**
- **32-3026**
- #6.
- Overall length
- 6-1/2in (16.5cm).

**SNOWDEN-PENCER™ Diamond-Tips LAMB Rasps**
- **32-3044**
- #4.
- Overall length
- 9in (23cm).

**SNOWDEN-PENCER™ Diamond-Tips WEBSTER-GLABELLA Rasp**
- Bi-directional (push-pull) cut.
- **32-3120**
- Coarse.
- Overall length
- 8-1/2in (21.5cm).

**SNOWDEN-PENCER™ Diamond-Tips MALTZ Rasps**
- **32-3026**
- #6.
- Overall length
- 6-1/2in (16.5cm).

**SNOWDEN-PENCER™ Diamond-Tips WEBSTER-GLABELLA Rasp**
- Bi-directional (push-pull) cut.
- **32-3120**
- Coarse.
- Overall length
- 8-1/2in (21.5cm).

**SNOWDEN-PENCER™ Diamond-Tips MALTZ Rasps**
- **32-3026**
- #6.
- Overall length
- 6-1/2in (16.5cm).
Customer support

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SNOWDEN-PENCER™ COTTLE Crusher

88-7227

SNOWDEN-PENCER™ Diamond-Jaw Pin-Extraction Forceps
Heavy. Double-action.

32-2805
4mm.
Tungsten Carbide.
Overall length 7-3/4in (19.5cm).

SNOWDEN-PENCER™ Diamond-Tips Wire/Pin Cutters
Double-action.

32-2815
1.7 diameter wire.
Overall length 7in (18cm).

32-2820
2.5 diameter wire.
Overall length 8-3/4in (22cm).

SNOWDEN-PENCER™ Diamond-Tips Wire/Pin Cutter
Side and top double-action.

32-2816
1.7 diameter wire.
Overall length 7in (18cm).

SNOWDEN-PENCER™ DINGMAN Abraders Wire Cutter
Available in pairs only.

88-2400
Overall length 6in (15cm).

Instrument pictured  ◆ Most widely used patterns
**SNOWDEN-PENCER™ Diamond-Jaw GUNTER Pliers**
Available in two unique jaw surfaces. Model 32-2210 features a Diamond-Jaw Tungsten Carbide insert with large pyramid-shaped teeth. Model 32-2211 features semi-sharp ridges cut longitudinally into a Tungsten Carbide insert.

**32-2210**
Overall length 7in (18cm).

**32-2211**
Longitudinal jaw. Overall length 7in (18cm).

**SNOWDEN-PENCER™ Diamond-Jaw GORNEY Pliers**
One jaw features a Diamond-Jaw Tungsten Carbide insert with large pyramid-shaped teeth. The other jaw has semi-sharp ridges cut longitudinally into a Tungsten Carbide insert.

**32-2215**
Angled. Overall length 8in (20.5cm).

**32-2217**
Straight. Overall length 8in (20.5cm).

**32-2218**
Guard only.

**SNOWDEN-PENCER™ FOX Dermal Curette**

**88-3103**
4mm diameter. Overall length 5-1/2in (14cm).

**SNOWDEN-PENCER™ Diamond-Tips Tebbetts™ Osteotomes**
Serrated.

**88-4052**
2mm. Overall length 6-7/8in (17.5cm).

**88-4053**
3mm. Overall length 6-7/8in (17.5cm).

**SNOWDEN-PENCER™ Diamond-Tips Sherman-Tebbetts™ Osteotomes**

**88-4059**
Overall length 8in (20.5cm). Curved left.

**88-4060**
Overall length 8in (20.5cm). Curved right.
SNOWDEN-PENCER™ Diamond-Tips Tebbetts™ DORSUM Osteotomes
Double-guarded blade.

88-4056
12mm.
Overall length
6-7/8in (17.5cm).

88-4057
14mm.
Overall length
6-7/8in (17.5cm).

SNOWDEN-PENCER™ Diamond-Tips SILVER Osteotomes
Wedge-shaped blade with a large guard.

88-4011
Right.
Overall length
7in (18cm).

88-4012
Left.
Overall length
7in (18cm).

SNOWDEN-PENCER™ Diamond-Tips ANDERSON-NEIVERT Osteotomes
Special delicate, guarded osteotome.

88-4020
Straight.
Overall length
8-1/2in (21.5cm).

88-4021
Right.
Overall length
8-1/2in (21.5cm).

88-4022
Left.
Overall length
8-1/2in (21.5cm).

SNOWDEN-PENCER™ Diamond-Tips GUNTER Osteotomes
Sharp-edged osteotome with small guard.

88-4023
Straight.
Overall length
8-1/2in (21.5cm).

88-4024
Right.
Overall length
8-1/2in (21.5cm).

88-4025
Left.
Overall length
8-1/2in (21.5cm).

SNOWDEN-PENCER™ Diamond-Tips Tebbetts™ Osteotomes

88-4050
4mm.
Overall length
7in (18cm).

88-4051
7mm.
Overall length
7in (18cm).

SNOWDEN-PENCER™ Diamond-Tips RISTOW Osteotomes
Longer curved blade in which the curve begins farther down the blade shaft.

88-4017
Right.
Overall length
8in (20.5cm).

88-4018
Left.
Overall length
8in (20.5cm).
SNOWDEN-PENCER™ Diamond-Tips PARKES Osteotome

88-4019
Straight.
Overall length
7in (18cm).

SNOWDEN-PENCER™ Diamond-Tips CINELLI Osteotomes

Double-guarded.

88-4026
10mm.
Overall length
7-1/4in (18.5cm).

88-4027
12mm.
Overall length
7-1/4in (18.5cm).

88-4028
14mm.
Overall length
7-1/4in (18.5cm).

SNOWDEN-PENCER™ Diamond-Tips RUBIN Type Osteotomes

These osteotomes feature a stabilizer.

88-4013
10mm.
Overall length
6-1/4in (16cm).

88-4014
14mm.
Overall length
6-1/4in (16cm).

88-4015
16mm.
Overall length
6-1/4in (16cm).

SNOWDEN-PENCER™ Diamond-Tips SHEEHAN Osteotomes

Sturdy, sharp multi-purpose osteotome.

88-4032
2mm.
Overall length
6-1/4in (16cm).

88-4033
3mm.
Overall length
6-1/4in (16cm).

88-4034
4mm.
Overall length
6-1/4in (16cm).

88-4035
5mm.
Overall length
6-1/4in (16cm).

SNOWDEN-PENCER™ Diamond-Tips PARKES Gouge Osteotome

Double-guarded osteotome.

88-4031
6.5mm.
Overall length
7in (18cm).
SNOWDEN-PENCER™ Elevator

88-3850
Round end.
Overall length
7-1/2in (19cm).

SNOWDEN-PENCER™ Suction Elevator
Combination suction-elevator with squared semi-sharp end.

88-3852
Square end.
Overall length
7in (18cm).

SNOWDEN-PENCER™ Tebbetts™ Elevator

88-3856
Overall length
8-1/4in (21cm).

SNOWDEN-PENCER™ COTTLE Septum Elevator
Long, double-ended septal elevator with graduated shaft features a 4mm x 4mm sharp round end and a 3mm spatula end.

88-3873
Overall length
9in (23cm).

SNOWDEN-PENCER™ JOSEPH Elevator
Slightly curved.

88-3867
Overall length
6-1/2in (16.5cm).

SNOWDEN-PENCER™ FREER Elevators
Sharp and blunt ends available in 2 sizes, 4.5mm and 6mm.

88-3875
Round handle.
6mm.
Sharp/Blunt.
Overall length
7-1/2in (19cm).

88-3876
Round handle.
4.5mm.
Sharp/Blunt.
Overall length
7-1/2in (19cm).
**Elevators**

- **SNOWDEN-PENCER™ GUNTER Elevator**
  Double-ended elevator featuring large end and very delicate end.

- **SNOWDEN-PENCER™ MITCHELLS Trimmer Elevator**
  Double-ended instrument with knife blade and spoon-shaped elevator.

- **SNOWDEN-PENCER™ MCCLOUGH Elevator**
  Versatile, double-ended instrument.

- **SNOWDEN-PENCER™ WOODSON Elevator**
  Fine, double-ended elevator. Straight and angled ends.

- **SNOWDEN-PENCER™ COTTLE Skin Elevator**
  10mm wide. Overall length 7-1/2in (19cm).

- **SNOWDEN-PENCER™ GUNTER Elevator**
  4.5mm/6mm. Sharp/Sharp. Overall length 7-1/2in (19cm).

- **SNOWDEN-PENCER™ MITCHELLS Trimmer Elevator**
  Overall length 7-1/4in (18.5cm).

- **SNOWDEN-PENCER™ WOODSON Elevator**
  Overall length 7in (18cm).

- **SNOWDEN-PENCER™ OBWEGESER Periosteal Elevators**
  7mm. Overall length 7in (18cm).

- **SNOWDEN-PENCER™ GUNTER Elevator**
  4.5mm/6mm. Sharp/Sharp. Overall length 7-1/2in (19cm).

- **SNOWDEN-PENCER™ COTTLE Skin Elevator**
  Overall length 7-1/2in (19cm).

- **SNOWDEN-PENCER™ GUNTER Elevator**
  Overall length 7in (18cm).

- **SNOWDEN-PENCER™ GUNTER Elevator**
  Overall length 7in (18cm).

- **SNOWDEN-PENCER™ GUNTER Elevator**
  Overall length 7in (18cm).

- **SNOWDEN-PENCER™ GUNTER Elevator**
  Overall length 7in (18cm).
SNOWDEN-PENCER™
BOIES Elevator

88-3871
Overall length
7-3/4in (19.5cm).

SNOWDEN-PENCER™ Elevators
Flat tip with rounded edges.

88-5050
Half Curved.
Overall length
9-1/4in (23.5cm).

88-5051
Half Curved.
Overall length
9-1/4in (23.5cm).

88-5056
Straight.
Overall length
9-1/4in (23.5cm).

88-5058
Quarter Curved.
Overall length
9-1/4in (23.5cm).

88-5059
Fully Curved.
Overall length
9-1/4in (23.5cm).

SNOWDEN-PENCER™
Suction Elevator
Quarter-curved suction elevator has a sharp tip, rounded edges and suction port.

88-5057
Quarter Curved.
Overall length
9-1/4in (23.5cm).

SNOWDEN-PENCER™
MacCOLLUM-DINGMAN Spatula

88-3702
Overall length
16in (41cm).

SNOWDEN-PENCER™ AGRIS-DINGMAN Spatula
Rounded. Flattened tip. Available in pairs only.

88-3700
Overall length
14in (36cm).
**Specula**

**SNOWDEN-PENCER™ Tebbetts™ Speculums**
Specula with wide, thin blades and ergonomically designed handle.

**88-1441**
1-1/2in (38mm).  
Overall length 6in (15cm).

**88-1442**
1-3/4in (45mm).  
Overall length 6in (15cm).

**SNOWDEN-PENCER™ VIENNA Speculums**
Specula with delicate blades. Satin finish.

**88-1425**
Small 1in.  
Overall length 5-1/2in (14cm).

**88-1426**
Medium 1-1/4in.  
Overall length 5-1/2in (14cm).

**88-1427**
Large 1-3/8in.  
Overall length 5-1/2in (14cm).

**SNOWDEN-PENCER™ KILLIAN Speculums**
Set screw allows blades to be locked in the desired position.  
Satin finish.

**88-1430**
2in (50mm).  
Overall length 5-1/2in (14cm).

**88-1431**
2-1/2in (63mm).  
Overall length 5-1/2in (14cm).

**88-1432**
3in (76mm).  
Overall length 5-1/2in (14cm).

**SNOWDEN-PENCER™ COTTLE Speculums**
Thin blades. Satin finish.

**88-1435**
2in (50mm).  
Overall length 5-1/2in (14cm).
**SNOWDEN-PENCER™ FRAZIER Skin Hook**
Sharp, shepherd's-crook design.

88-1525
Overall length 4-3/4in (12cm).

---

**SNOWDEN-PENCER™ Skin Hook**

88-1527
Overall length 5in (13cm).

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**SNOWDEN-PENCER™ CONVERSE Skin Hooks**
Shepherd's-crook design on a lightweight handle. Large knurling for positive grip.

88-1535
Small. Overall length 6in (15cm).

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**SNOWDEN-PENCER™ JOSEPH Skin Hooks**

88-1500
Single hook. Overall length 6-1/4in (16cm).

88-1501
2mm double hook. Overall length 6-1/4in (16cm).

88-1502
5mm double hook. Overall length 6-1/4in (16cm).

88-1503
7mm double hook. Overall length 6-1/4in (16cm).

88-1504
10mm double hook. Overall length 6-1/4in (16cm).

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**SNOWDEN-PENCER™ KLEINERT-KUTZ Hooks**
General-purpose skin hook in shepherd's-crook design.

88-1515
3mm hook. Overall length 6-1/4in (16cm).

88-1516
5mm hook. Overall length 6-1/4in (16cm).

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**Hooks**

**SNOWDEN-PENCER™ MILLARD Thimble Hook**
Designed to fit over left thumb.

**SNOWDEN-PENCER™ Tebbetts™ Self-Retaining Skin Hooks**
Self-retainning.

- **88-1542**
  Single hook.
  Overall length 6in (15cm).

- **88-1544**
  2mm double hook.
  Overall length 6in (15cm).

- **88-1545**
  5mm double hook.
  Overall length 6in (15cm).

- **88-1546**
  8mm double hook.
  Overall length 6in (15cm).

- **88-1547**
  11mm double hook.
  Overall length 6in (15cm).

- **88-1549**
  13mm double hook with ball ends.
  Overall length 6in (15cm).

**SNOWDEN-PENCER™ GUTHRIE Double Hooks**

- **88-1529**
  2.5mm hook.
  Overall length 4-3/4in (12cm).

- **88-1530**
  3mm hook.
  Overall length 6-1/4in (12cm).

**SNOWDEN-PENCER™ TYRELL Skin Hook**
Delicate, sharp shepherd’s-crook hook design.

- **88-1518**
  Overall length 5in (13cm).

**SNOWDEN-PENCER™ GILLIES Skin Hook**
Large hook on long shaft.

- **88-1532**
  Overall length 7in (18cm).
**SNOWDEN-PENCER™ BARSKY**
**Double Skin Hook**
Delicate double hook in shepherd's-crook design.

**SNOWDEN-PENCER™ HOOK**
Finely tapered, right-angled hook.

**SNOWDEN-PENCER™ CANNULA**
Single port.

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**SNOWDEN-PENCER™ FRAZIER**
**Suction Tubes**

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SNOWDEN-PENCER™ JAMESON Caliper
Slide-rule-type caliper, graduated 0mm to 80mm in 1mm increments and 0in to 3in in 1/16in increments. Features 3mm, flat tips and thumb-screw for locking caliper.

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

SNOWDEN-PENCER™ THORPE Caliper
Angled. Slide-rule-type caliper, graduated 0mm to 80mm in 1mm increments and 0in to 3in in 1/16in increments. Features 3mm, flat tips and thumb-screw for locking caliper.

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

SNOWDEN-PENCER™ Tebbetts™ Alar Stabilizing-Jig Caliper
Unique design with delicate projecting pins and millimeter scale allows for stabilizing, as well as providing reference points for precise resections.

Overall length
5in (12.5cm).

SNOWDEN-PENCER™ Cartilage Grid
Graduated in millimeters with bold centimeter markings.

Aluminum.
Reverse grid.

Aluminum.

SNOWDEN-PENCER™ FREEMAN Markers
Centrally located aperture.

38mm diameter.

42mm diameter.

45mm diameter.
SNOWDEN-PENCER™ McKISSOCK “Keyhole” Markers
Limbs are semi-malleable for fine adjustments and graduated in centimeters.

88-2342
38mm.

88-2343
42mm.

SNOWDEN-PENCER™ MAXWELL Marker
Popular marker with sharp edge which scribes the skin surface for tissue marking.

88-2347
42mm.

SNOWDEN-PENCER™ 4-Ring Marker
Unique design allows choice of 4 different ring diameters; 40mm, 44mm, 48mm and 52mm. Must be used with marking ink.

88-2339

SNOWDEN-PENCER™ Stainless Steel Mallet
Stainless steel mallet with replaceable nylon heads.

88-7202
7 oz. Head nylon/stainless. Overall length 7-1/4in (18.5cm).
**Knives**

Couteaux  
Messer  
Bisturi  
Cuchillos  
Facas  
ナイフ

**SNOWDEN-PENCER™ BALLENGER Swivel Knives**

88-2123  
Straight 3mm blade.  
Overall length  
7-1/2in (19cm).

88-2124  
Straight 4mm blade.  
Overall length  
7-1/2in (19cm).

88-2128  
Bayonet 4mm blade.  
Overall length  
7-1/2in (19cm).

**SNOWDEN-PENCER™ Tebbetts™ Precision Knife Handle Knives**

88-2012  
For Bard-Parker-type blades 10-15.  
Overall length  
5-1/4in (13cm).

88-2014  
For Beaver-type blades.  
Overall length  
5in (12cm).

**SNOWDEN-PENCER™ JOSEPH Button End Knife**

88-2111  
Angled.  
Overall length  
6-1/2in (16.5cm).

**SNOWDEN-PENCER™ BARRON Octagonal Knife Handle Knife**

88-2008  
Overall length  
5-1/2in (14cm).

**SNOWDEN-PENCER™ FREER Knife**

88-2113  
Also known as the "D" knife.  
Overall length  
6-1/2in (16.5cm).

**SNOWDEN-PENCER™ JOSEPH Button End Knife**

88-2114  
Overall length  
6-1/8in (15.5cm).

**SNOWDEN-PENCER™ BALLENGER Swivel Knives**

88-2123  
Straight 3mm blade.  
Overall length  
7-1/2in (19cm).

88-2124  
Straight 4mm blade.  
Overall length  
7-1/2in (19cm).

88-2128  
Bayonet 4mm blade.  
Overall length  
7-1/2in (19cm).

**SNOWDEN-PENCER™ BALLENGER Swivel Knives**

88-2123  
Straight 3mm blade.  
Overall length  
7-1/2in (19cm).

88-2124  
Straight 4mm blade.  
Overall length  
7-1/2in (19cm).

88-2128  
Bayonet 4mm blade.  
Overall length  
7-1/2in (19cm).

**SNOWDEN-PENCER™ BALLENGER Swivel Knives**

88-2123  
Straight 3mm blade.  
Overall length  
7-1/2in (19cm).

88-2124  
Straight 4mm blade.  
Overall length  
7-1/2in (19cm).

88-2128  
Bayonet 4mm blade.  
Overall length  
7-1/2in (19cm).
**SNOWDEN-PENCER™ CORWIN Knife Handle Knife**
Round handle.

- **88-2010**
  For Bard-Parker-type blades 10-15.
  Overall length 5-3/4in (14.5cm).

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**SNOWDEN-PENCER™ Knife Handles**

- **88-2000**
  #3.
  Overall length 5in (12.5cm).

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**SNOWDEN-PENCER™ JOSEPH Saw Knives**

- **88-2150**
  Left bayonet.
  Overall length 7-1/4in (18.5cm).

- **88-2151**
  Right bayonet.
  Overall length 7-1/4in (18.5cm).

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**SNOWDEN-PENCER™ Knife Handle**

- **88-5055**
  Quarter Curved.
  Overall length 9in (23cm).

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**Light Cables**

Câbles/Adaptateurs/Champs d’application  
Kabel/Adapter/Endoskope  
Cavi/Adattatori/Microscopi  
Cables/Adaptadores/Miras  
Cabos/Adaptadores/Estetoscópios  
ケーブル/アダプター/スコープ

**SNOWDEN-PENCER™ Headlight Accessories**

88-9761  
7.5in fiberoptic light cable.  
5.0mm. Olympus/Acmi.

88-9765  
9in fiberoptic light cable.  
5.0mm. Acmi/Acmi.

88-9766  
9in fiberoptic light cable.  
3.5mm. Acmi/Acmi.

88-9768  
7.5in fiberoptic light cable.  
3.5mm. Storz/Acmi.

88-1048  
Wolf/Acmi fiberoptic adapter.

88-1049  
Storz/Olympus/Acmi fiberoptic adapter.

88-1060  
Female Acmi fitting.

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Please read the complete Instructions for Use that come with the instruments or follow the instructions on the product labeling.

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