Scissors
History
Serving more than 100 years in the field of Surgical, Dental, Manicure & Pedicure Implements, Veterinary and Jewelry Tools etc. Our grandfather was the pioneer who laid down the founding tone of the manufacturing of surgical instruments since 1908. This is our family business and we are the 3rd generation in this field.

Introduction
Riester Surgical was established in 2014 the company has, since the start, developed a stable and steady growth. The company success though, is due to the support of health authorities which have recognized our compromised to quality and punctuality.

Our Philosophy
Our philosophy is to share our knowledge and experience with our customers and give them all the professional assistance they might need.

Company Policy
Riester Surgical shall not compromise on quality of the products. We shall achieve quality excellence by using quality assurance programs and techniques. Prompt and dedicated services shall be ensured to customers and efficiently to the best of our ability.

Our Commitment
Our commitment to quality, based on our continuous monitoring at every stage of the manufacturing process has placed us at par with international standards, while maintaining very competitive prices.

Quality Management System
Riester Surgical manufacturing process emphases quality above all else. Our employees are having a ten to fifteen-years technical and practical experience in order to achieve, international standards. The proper stainless steel, stamping and forged materials used are meticulously selected and go through highly effective quality control. All surgical instruments are manufactured using the highest quality Pakistani, German, French and Japanese medical grade Stainless Steel. Every Instrument is Hand Examined from steel forging to final packing; no product passes to the next step unless Hand-Examined by a highly qualified and experienced technician.

100% Satisfaction Guaranteed
All our Instruments are produced with high quality stainless steel and are thoroughly checked and inspected during all phases of production, In order to ensure that they correspond to the international standards laid down by the ISO 13485:2016, ISO 7153-1:2016 EN 10088-1:2005, ISO 9001:2015 and CE standards and are confirmation of their compliance to use.

Product Materials
We are Manufacturing stainless steel Grades AISI 410, 420, 304, 302 ASTM F899 steel according international standards.
Also French & German & Japanese's steel technology that removes calculus efficiently, while retaining its sharp Riester Surgical for a longer period of time.
About Us

Riester Surgical Instruments hold the highest quality standards throughout the creation of the instrument from raw materials to finished product.

We believe in our products and provide the user with a 100% customer satisfaction guarantee. Please feel free to contact us for any information.

Our Staff
We are convinced that a highly qualified staff brings trust in our company. We are tight team, consisting of people, who with their education and experience contribute to our company strength.

Support
Our friendly and well-trained staff will happy to assist you. If you are looking for something that not in our range of products, So we will do our best to help you.

Terms & Condition
Processing of Ordered Goods: after finalize the contract, we start production the articles with zest and zeal, to ensure prompt delivery.

Minimum Order
The minimum order is Euro €.1000.00, US$.1000.00

Price
We normally quote FOB prices. However, we can add freight, shipping and postage charges depending upon the requirement of the buyer.

Payment
We accept L/C, D/P, T/T, Western Union, Money Gram payments for conformed orders. We prefer 70% advance and the remain 30% on completion of the goods but before shipment. The goods will remain the property of Riester Surgical before total payment of the order.
We accept Irrevocable Letter of Credit (L/C).

Mode of Shipment
It depends on the requirement of buyer.

Claim
We always supply the goods with utmost care in all aspects; but still out of human error, any claim arises for any loss or damage, it must be filed within 4 days of the date of goods receipt. The claim is not negotiable after Twenty-One Days from the date of invoice.

Returns
Returns are not acceptable without prior mutual consent. Any instruments that are custom made, modified, private labeled, custom etched or otherwise modified or hampered are not returnable for
We reserve the right to inspect any returns prior to issuing any credit. Returned goods will be subject to 20% Re-stocking charges.

**Repairs & Warranty Replacements**
In case of any manufacturing defect, we guarantee to replace, repair any such piece(s), free of cost but this does not apply to instruments that are repaired, or hampered/mishandled at the importer’s end. Instruments which have been repaired by a source other than

**Void of this warranty**
Merchandise will be repaired or replaced at our discretion. The instruments lost/damaged during this transit to us will not be our responsibility. The freight of such articles will be borne by the consignee.

**Written By: Production Manager**

Signature: ________________________________

**Reviewed By: Quality Assurance Manager**

Signature: ________________________________

**Approved By: CEO**

Signature: ________________________________

Dated: 01\textsuperscript{st} January 2021 to 31\textsuperscript{st} December 2021
Riester Surgical is Manufacturer and Exporter of all kinds of Surgical Instruments for ENT Diagnostic, Ophthalmology & Dermatology Pocket Instruments, Premium ENT Diagnostic and Ophthalmic Instruments, Laryngoscopes, Fibre Optic Laryngoscopes, Laryngoscopes with Direct Illumination, Disposable Laryngoscopes, Laryngoscope Sets, Gynecology Sets,

**INSTRUCTION MANUAL – PLEASE READ BEFORE USE SURGICAL INSTRUMENTS**

The Riester Surgical culture is one of responsibility and accountability, which means we take ownership of our projects with a clear view of the final objective. We are providing the responsiveness to customer needs of a small business, but with the added innovation, advanced manufacturing methods and qualified distribution network of a truly global company. This, in essence, created what Riester Surgical stands for today: world-class products and services for our customers.

**INNOVATION**

At Riester Surgical we foster innovation by combining decades of experience in developing and manufacturing diagnostic devices with out-of-the-box, innovative thinking. Our people are always eager to explore new technologies. As a result we are now in the great position of being able to launch innovative products every year, while still having a well-filled product pipeline for the future.

**CUSTOMER SATISFACTION**

Riester Surgical’s customers expect nothing less than world-class products and services. Consequently, they are the center of all our efforts and activities, right across the company, from research and development through to manufacturing, marketing and sales. Designed for demanding, everyday use in doctors’ practices and hospitals, many of our products are developed through close cooperation between our engineers and specialists from research centers and university hospitals.

During the development phase, our test procedures and facilities lay the foundation for products of outstanding quality, even before the actual manufacturing process starts.

**EMPOWERMENT**

Our employees are key to our success and we continue to invest in their development. From their initial training when they join Riester Surgical, followed by ongoing development programs and corporate management training, our employees are encouraged to contribute through excellence and teamwork. Our objective is to empower people and help them assume responsibility to help us, as a team, achieve our ambitious company goals.

**PRODUCT LAUNCHES**

Riester Surgical Product Launches Surgical Instruments for ENT, Ophthalmology & Dermatology Pocket Instruments - Premium ENT Diagnostic and Ophthalmic Instruments, Laryngoscopes, Fibre Optic (F.O.) Laryngoscopes, Laryngoscopes with Direct Illumination, Disposable Laryngoscopes, Laryngoscope Sets, Gynecology Sets, INTENDED USE These instructions for use are valid for Surgical instruments made of stainless steel, such as Extracting Forceps, instruments for Bone Surgery, Scalps, Knifes, Scissors, Forceps, Clamps, Retractors, Probes, Scalars Spatulas, Suture Root Elevators instruments with special instructions.
User Manual

Riester Surgical sets higher standards than required by norms and guidelines. In order to comply with these exceptionally high internal standards, we only use high-grade materials from reliable suppliers and apply the latest manufacturing methods, with every product having to pass several intermediate and final quality checks. All our manufacturing personnel receive expert training to ensure world-class finishing and quality. Our products come with a minimum two-year warranty.

TESTS
Surgical instruments are high-quality products whose proper handling and use will be described in the following. In order to minimize hazards for patients and users, these directions must be closely obeyed. Application, maintenance, and test of the instruments may only be carried out by specially skilled staff.

HANDLING
The instruments must not be overstressed by twisting or levering as this may lead to damages or cracking of the instruments.

PURPOSE / FIELD OF APPLICATION
These operating instructions are valid for standard surgical instruments of the production of Riester Surgical. The user decides according to his specialized knowledge whether the instrument may be suitable for the intended purpose.

DISPOSAL
Instruments that cannot be repaired or reprocessed should be disposed in accordance with the respective disposal guidelines of the hospital.

MATERIALS
Product Materials
We are using Materials as per international standards. We have expertise to remove calculus efficiently from the Materials while retaining its sharpness which is durable for a longer period of time. Riester Surgical Instruments hold the highest quality standards throughout the creation of the instrument from raw materials to finished product.

We believe in our products and provide our clients 100% satisfaction guarantee. Please feel free to contact us for any information.

QUALITY
100% Satisfaction Guaranteed All our Instruments are produced with high-quality stainless steel and are thoroughly checked and inspected during all phases of production. In order to ensure that they correspond to the international standards laid down by the ISO 13485, ISO 9001, ISO7153-1 EN10088-1 and CE standards and are confirmation of their compliance to use.

REPROCESSING DIRECTIONS
Surgical instruments may in general only be processed by specially skilled staff possessing the specific knowledge for this kind of work. Detailed information to the maintenance of instruments are available in the
“in this Brochure” of the www.riestsurgical.com links to laws, norms and specialized maintenance committees can be found.

**ADVICE**
Instruments made of stainless steel must not be put in physiological saline solutions (NaCl), as longer contact may lead to corrosion damages. Instruments may only be sterilized after a previous cleaning and disinfection.

**INSTRUCTION**
Due to the design of surgical instruments and the used materials, it is not possible to determine a limited number of reprocessing cycles. The lifetime of surgical instruments is therefore determined by the function / wear of the device. In case of damage the device must be reprocessed before sending back to the manufacturer for repair.

**REPROCESSING INSTRUCTIONS**
Preparation at the point of use:
Remove gross soiling by submerging the instrument into cold water (<40°C) immediately after use. Don’t use a fixing detergent or hot water (>40°C) as this can cause the fixation of residuals which may influence the result of the reprocessing process.

**TRANSPORTATION**
Safe storage and transportation in a closed container to the reprocessing area to avoid any damage and contamination to the environment.

**PREPARATION FOR DECONTAMINATION**
The devices must be reprocessed in an opened or disassembled state. Instruments must be placed on adequate supports or trays. The nature of the supports or trays must not have any negative influence on the result of the following cleaning and disinfection by rinsing or ultrasonic treatment.

**MANUAL PRE CLEANING**
Immerse the instrument into cold tap water for at least 5 minutes. Dismantle the instruments if possible and brush under cold tap water until all visible residues are removed. Inner lumen, threads and holes are flushed each with a water jet pistol for minimum 10 seconds in the pulsed mode. Immerse the instrument into an ultrasonic bath with an alkaline or enzymatic detergent (0,5%) and treat with ultrasound for 15 minutes at 40°C.

Remove the instruments from the bath and rinse again with cold tap water. The cleaning bath must be changed at least once a day, or if required. Any pollution may influence the result of cleaning / disinfection and may favor corrosion.

**MANUAL CLEANING**
In case of manual cleaning, the cleaning process needs to be adapted to the pre-treatment. The used detergents must be compatible, in order to avoid any negative influence on the cleaning/disinfection result. The detergent must be suitable for the treatment of surgical instruments.
The manufacturer’s instructions regarding concentration and reaction time must be strictly obeyed. Use only soft brushes, no metal brushes. Channels and hollow parts must be rinsed thoroughly. If necessary, a high pressure hose must be used.

- Rinse the instruments with running clear water.
- Dry the instruments thoroughly.
- The cleaning bath must be changed at least once a day, or if required.

CHEMICAL DISINFECTION
The chemical disinfection follows the manual cleaning. A detergent, suitable for surgical instruments made of stainless steel must be used.

PACKAGING STORAGE
Storage of sterilized instruments in appropriate packaging in a dry, clean and dust free environment at modest temperatures of 5°C to 40°C, and at a constant humidity. The distance between shelf and floor should be at least 30cm. Storage duration time is to be determined by the user.

Reprocessing validation study information:
The following testing test devices, materials & machines have been used in this validation study; Detergent:

ADDITIONAL INSTRUCTIONS
If the described chemistry and machines are not available, it is the duty of the user to validate his process. It is the duty of the user to ensure that the reprocessing processes including resources, materials and personnel are capable to reach the required results. State of the art and often national law requiring these processes and included resources to be validated and maintained properly.

WARRANTY
The products are made of high grade medical stainless steel and are controlled prior to sale. In case of any error or inconvenience, please feel free to contact our service.

Riester Surgical cannot provide any guarantee weather the instruments are suitable for the respective intervention. This has to be determined by the user.

Riester Surgical does not provide any liability for any damages arising from pure chance. Riester Surgical does not provide any liability for any damages deriving from contravening against this manual. In case of using the instruments on patients with Riester Surgical does not provide any liability for the reprocessing of the instruments.

Yours very sincerely,

Management and Staff  Riester Surgical
Riester Surgical Product Launches
## Operating Scissors

### Standard

<table>
<thead>
<tr>
<th>Length</th>
<th>Fig. 1</th>
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<td>175 mm – 7&quot;</td>
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Operating Scissors

Grazil

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<td>145 mm – 5¾”</td>
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<td>Riester 8044-14</td>
<td>Riester 8045-14</td>
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<tr>
<td>Length</td>
<td>Deaver</td>
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<tr>
<td>145 mm – 5¾&quot;</td>
<td>Deaver 8062-14: straight&lt;br&gt;Deaver 8063-14: curved&lt;br&gt;Deaver 8072-14: straight, saw edge&lt;br&gt;Deaver 8073-14: curved, saw edge</td>
<td>Lange 8082-14: straight&lt;br&gt;Lange 8083-14: curved&lt;br&gt;Lange 8092-14: straight, saw edge&lt;br&gt;Lange 8093-14: curved, saw edge</td>
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### Operating Scissors

**Mixer**

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<td>Riester 8112-15</td>
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<td>Riester 8103-15</td>
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**Lexer**

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<td>210 mm</td>
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<td>Riester 8123-21</td>
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Operating Scissors

**Richter**
140 mm – 5½"
Riester 8142-14

**Ferguson**
140 mm – 5½"
Riester 8152-14
160 mm – 6¼"
Riester 8152-16
180 mm – 7"
Riester 8152-18

130 mm – 5"
Riester 8132-13
145 mm – 5¾"
Riester 8132-14
Operating Scissors - Dissecting scissors

**Mayo**

- 145 mm – 5½” | Riester 8272-14 | Riester 8273-14
- 150 mm – 6”  | Riester 8272-15 | Riester 8273-15
- 170 mm – 6½” | Riester 8272-17 | Riester 8273-17
- 230 mm – 9”  | Riester 8272-23 | Riester 8273-23

**Mayo-Stille**

- 150 mm – 6”  | Riester 8282-15 | Riester 8283-15
- 170 mm – 6½” | Riester 8282-17 | Riester 8283-17
- 195 mm – 7¼” | Riester 8282-19 | Riester 8283-19
- 210 mm – 8½” | Riester 8282-21 | Riester 8283-21
Operating Scissors - Dissecting scissors

Mayo-Harrington
220 mm – 8½"
Riester 8275-22
Riester 8276-22

Mayo-Noble
170 mm – 6½"
Riester 8292-17
Riester 8293-17

Operang Scissors - Dissecting scissors
Operating Scissors - Dissecting scissors

**Surgery**

- **Wertheim**
  - 145 mm – 5¾” Riester 8295-14
  - 225 mm – 8¾” Riester 8295-22

- **Metzenbaum**
  - 150 mm – 6” Riester 8343-15 Riester 8353-15
### Operating Scissors - Dissecting scissors

**Surgery**

<table>
<thead>
<tr>
<th>Metzenbaum</th>
<th>Fig. 1</th>
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<td>Length</td>
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**Metzenbaum-Nelson**

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**Operating Scissors - Dissecting scissors**

### Metzenbaum-Fino

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<td>145 mm – 5 3/4”</td>
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<td>180 mm – 7”</td>
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<td>220 mm – 8”</td>
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<td>230 mm – 9”</td>
<td>Riester 8380-23</td>
<td>Riester 8381-23</td>
<td>Riester 8385-23</td>
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*S-curved*
Dissecting scissors

Fomon
135 mm – 5 1/4"
Riester 8392-14

Thorek
190 mm – 7 1/2"
Riester 8394-19

Gynecological scissors

Sims

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<th>Fig. 1</th>
<th>Fig. 2</th>
<th>Fig. 1</th>
<th>Fig. 2</th>
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<tbody>
<tr>
<td>200 mm – 8&quot;</td>
<td>Riester 8423-20</td>
<td>Riester 8424-20</td>
<td>Riester 8433-20</td>
<td>Riester 8434-20</td>
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<tr>
<td>230 mm – 9&quot;</td>
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<td>Riester 8424-23</td>
<td>Riester 8433-23</td>
<td>Riester 8434-23</td>
</tr>
</tbody>
</table>
**Surgical Instruments**

**Gynecological scissors**

- **Dubois**
  - 270 mm – 10¾”
  - 1:2
  - Riester 8442-27
  - Riester 8443-27

- **Doyen**
  - 175 mm – 7”
  - 1:2
  - Riester 8452-17
  - Riester 8453-17

- **Siebold**
  - 240 mm – 9½”
  - 1:2
  - Riester 8477-24
  - S-curved

**Surgery**
Fine operating scissors

**Surgery**

<table>
<thead>
<tr>
<th>Fig. 1</th>
<th>Fig. 2</th>
<th>Fig. 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 mm – 4(\frac{3}{4})&quot;</td>
<td>Riester 8523-12</td>
<td>Riester 8524-12</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Fig. 1</th>
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<th>Fig. 3</th>
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<tr>
<td>120 mm – 4(\frac{3}{4})&quot;</td>
<td>Riester 8533-12</td>
<td>Riester 8534-12</td>
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</table>

**K n a p p**

<table>
<thead>
<tr>
<th>105 mm – 4(\frac{3}{4})&quot;</th>
<th>Riester 8688-10</th>
<th>Riester 8689-10</th>
</tr>
</thead>
</table>

*blunt*
**Surgery**

**Fine scissors**

| 
| --- |
| **Wagner** |
| 120 mm – 4¼” |
| Riester 8542-12 | Riester 8552-12 | Riester 8543-12 | Riester 8553-12 |
| straight | straight, saw edge | curved | curved, saw edge |

| 
| --- |
| **Brophy** (Sullivan) |
| 145 mm – 5¾” |
| Riester 8572-14 | Riester 8573-14 |

| 
| --- |
| **Littler** |
| 115 mm – 4½” |
| Riester 8571-11 |
| 145 mm – 5¾” |
| Riester 8571-14 |
Fine scissors

**Locklin**
- 165 mm – 6½”
  - Riester 8582-16
  - Riester 8587-16
  - Saw edge.

**Quinby**
- 125 mm – 5½”
  - Riester 8592-12

**Reynolds**
- 160 mm – 6½”
  - Riester 8602-16
  - Riester 8603-16
- 180 mm – 7½”
  - Riester 8602-18
  - Riester 8603-18

**Neumann**
- 120 mm – 4½”
  - Riester 8597-12
  - S-curved
Fine scissors

105 mm – 4⅛"
Riester 8622-10
Riester 8623-10

110 mm – 7"
Riester 8632-11
Riester 8633-11

90 mm – 3⅜"
Riester 8642-09
Riester 8643-09
细剪刀

**Surgery**

<table>
<thead>
<tr>
<th>Length</th>
<th>Model Code 1</th>
<th>Model Code 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 mm – 3½&quot;</td>
<td>Riester 8652-09</td>
<td>Riester 8653-09</td>
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<tr>
<td>100 mm – 4&quot;</td>
<td>Riester 8652-10</td>
<td>Riester 8653-10</td>
</tr>
<tr>
<td>115 mm – 4½&quot;</td>
<td>Riester 8652-11</td>
<td>Riester 8653-11</td>
</tr>
<tr>
<td>145 mm – 5½&quot;</td>
<td>Riester 8662-14</td>
<td>Riester 8663-14</td>
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</table>

**Sanvenero**

1:2

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<td>Riester 8672-10</td>
<td>Riester 8682-10</td>
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<tr>
<td>115 mm – 4½&quot;</td>
<td>Riester 8673-10</td>
<td>Riester 8683-10</td>
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**Lexer-Baby**

1:2

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<td>Riester 8682-10</td>
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<tr>
<td>115 mm – 4½&quot;</td>
<td>Riester 8673-10</td>
<td>Riester 8683-10</td>
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</tbody>
</table>

*straight*  *straight, saw edge*  *curved*  *curved, saw edge*
Fistula scissors

Kelly

<table>
<thead>
<tr>
<th>Length</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>160 mm</td>
<td>Riester 8462-16</td>
<td>Riester 8463-16</td>
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<tr>
<td>180 mm</td>
<td>Riester 8462-18</td>
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Enuleation scissors

Landoldt

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<thead>
<tr>
<th>Length</th>
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<th>Code</th>
</tr>
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<tbody>
<tr>
<td>125 mm</td>
<td>Riester 8612-12</td>
<td>Riester 8614-12</td>
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Chadwick

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<tr>
<th>Length</th>
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<tbody>
<tr>
<td>110 mm</td>
<td>Riester 9485-11</td>
<td>Riester 9492-11</td>
</tr>
</tbody>
</table>

1:2
Plastic surgery scissors

Please ask for our special catalogue for plastic surgery.
**Artery scissors**

**145 mm – 5 3/4"**
Riester 8722-14
1 Blade with probe

**170 mm – 6 3/4"**
Lincoln 8724-17

**115 mm – 4 1/2"**
Riester 8727-11

**170 mm – 6 3/4"**
Fulton 8730-17

**195 mm – 7 3/4"**
Potts-Smith (de Martel) 8732-19
Artery scissors

De Bakey

<table>
<thead>
<tr>
<th>Length</th>
<th>Angle</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>155 mm</td>
<td>6°</td>
<td>Riester 8741-15</td>
</tr>
<tr>
<td>160 mm</td>
<td>6°, 10°</td>
<td>Riester 8745-16</td>
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<tr>
<td>230 mm</td>
<td>9°</td>
<td>Riester 8745-23</td>
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<tr>
<td>280 mm</td>
<td>11°</td>
<td>Riester 8745-28</td>
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Mills

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<tr>
<th>Length</th>
<th>Angle</th>
<th>Model</th>
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<tbody>
<tr>
<td>225 mm</td>
<td>8¾°</td>
<td>Riester 8744-22</td>
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Offset scissors, s-shaped

Favaloro

<table>
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<tr>
<th>Length</th>
<th>Model</th>
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<tbody>
<tr>
<td>150 mm</td>
<td>6°</td>
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De Bakey

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<th>Length</th>
<th>Angle</th>
<th>Model</th>
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<tbody>
<tr>
<td>160 mm</td>
<td>6°, 10°</td>
<td>Riester 8745-16</td>
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<tr>
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<tr>
<td>280 mm</td>
<td>11°</td>
<td>Riester 8745-28</td>
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De Bakey

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<th>Length</th>
<th>Angle</th>
<th>Model</th>
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<tbody>
<tr>
<td>155 mm</td>
<td>6°</td>
<td>Riester 8741-15</td>
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De Bakey

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<td>6°, 10°</td>
<td>Riester 8745-16</td>
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<td>230 mm</td>
<td>9°</td>
<td>Riester 8745-23</td>
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<tr>
<td>280 mm</td>
<td>11°</td>
<td>Riester 8745-28</td>
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Mills

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<th>Length</th>
<th>Angle</th>
<th>Model</th>
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<tbody>
<tr>
<td>225 mm</td>
<td>8¾°</td>
<td>Riester 8744-22</td>
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Artery scissors

**Surgery**

Potts-de Martel

<table>
<thead>
<tr>
<th>Angle</th>
<th>190 mm – 7 1/2&quot;</th>
<th>180 mm – 7&quot;</th>
<th>180 mm – 7&quot;</th>
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<tbody>
<tr>
<td></td>
<td>Riester 8771-25</td>
<td>Riester 8772-25</td>
<td>Riester 8774-25</td>
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<tr>
<td>25°</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
</tr>
<tr>
<td>45°</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
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<tr>
<td>60°</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
</tr>
<tr>
<td>125°</td>
<td>1:1</td>
<td>1:1</td>
<td>1:1</td>
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Riester 8771-25
Riester 8771-45
Riester 8771-60
Riester 8771-12
Riester 8772-25
Riester 8772-45
Riester 8772-60
Riester 8772-90
Riester 8772-12
Riester 8774-25
Riester 8774-45
Riester 8774-60
Riester 8774-90
Riester 8774-12
## Artery Scissors

### Surgery

<table>
<thead>
<tr>
<th>Length (mm)</th>
<th>Angle</th>
<th>Size 1</th>
<th>Size 2</th>
<th>Size 3</th>
<th>Size 4</th>
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<th>Size 6</th>
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<tr>
<td>145</td>
<td>25°</td>
<td>Riester 8754-14</td>
<td>Riester 8755-14</td>
<td>Riester 8756-14</td>
<td>Riester 8757-14</td>
<td>Riester 8758-14</td>
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<td>160</td>
<td>45°</td>
<td>Riester 8754-16</td>
<td>Riester 8755-16</td>
<td>Riester 8756-16</td>
<td>Riester 8757-16</td>
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<tr>
<td>190</td>
<td>60°</td>
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<td>Riester 8755-19</td>
<td>Riester 8756-19</td>
<td>Riester 8757-19</td>
<td>Riester 8758-19</td>
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</tr>
<tr>
<td></td>
<td>90°</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>125°</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
Cartilage scissors

**Surgery**

- **Martin-Cartilage**
  - 190 mm – 7 1/2”
  - Riester 8747-19
  - curved, saw edge

- **Mc Indoe**
  - 190 mm – 7 1/2”
  - Riester 8752-19

- **Potts-Smith**
  - 190 mm – 7 1/2”
  - Riester 8753-19
**Tonsil scissors**

**Surgery**

<table>
<thead>
<tr>
<th>Type</th>
<th>Length</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boettcher</td>
<td>180 mm</td>
<td>8832-18</td>
</tr>
<tr>
<td>Prince</td>
<td>175 mm</td>
<td>8837-17</td>
</tr>
<tr>
<td>Toennis-Adson</td>
<td>170 mm</td>
<td>8847-17</td>
</tr>
<tr>
<td>Toennis</td>
<td>180 mm</td>
<td>8842-18</td>
</tr>
</tbody>
</table>

**Riester**
Tonsil scissors

_Surgery_

**Dean**
170 cm – 6 3/4 "
Riester 8852-17
Riester 8857-17
curved
curved, saw edge

**Wertheim**
190 mm – 7 1/2 "
Riester 8862-19

**Olivecrona**
230 mm – 9 "
Riester 8849-23

**Good**
190 mm – 7 1/2 "
Riester 8867-19

_Trigeminal scissors_
Lobectomy scissors

**Surgery**

- **Crafoord**
  - 300 mm – 12"  
  - Riester 8882-30

- **Willauer**
  - 250 mm – 9¾"  
  - Riester 8892-25  
  - Riester 8893-25
  - 280 mm – 11"  
  - Riester 8892-28  
  - Riester 8893-28

  - straight
  - curved

- **Finochietto**
  - 270 mm – 10¾"  
  - Riester 8912-27

- **Resano**
  - 250 mm – 10"  
  - Riester 8939-25
Thorax scissors

Satinsky
245 mm – 9 3/4"
Riester 8762-24

Klinkenberg-Loth
230 mm – 9"
Riester 8767-23

Jorgenson
220 mm – 8 3/4"
Riester 8769-22
Enterotomy scissors

<table>
<thead>
<tr>
<th>Fig. 1</th>
<th>Fig. 2</th>
<th>Fig. 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>210 mm – 8(\frac{1}{4})&quot;</td>
<td>Riester 8922-21</td>
<td>Riester 8927-21</td>
</tr>
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</table>
Umbilical scissors

**Surgery**

**Busch**
- 130 mm – 5"  |  Riester 9022-13
- 160 mm – 6⅛" |  Riester 9027-13

**Schumacher**
- 160 mm – 6⅛" |  Riester 9032-16

*saw edge*

**Mod. USA**
- 105 mm – 4⅜" |  Riester 9042-10
Episiotomy scissors

**Surgery**

**Braun-Stadler**
- 145 mm – 5 3/4” Riester 9072-14
- 220 mm – 8 3/4” Riester 9077-22

**Waldmann**
- 180 mm – 7” Riester 9077-18

---

Riester SURGICAL 8539628
Parametrium scissors

230 mm – 9"
225 mm – 8½"

Riester 9081-23
Riester 9083-22
Surgical instruments

**Sailor**
- 170 mm – 6 3/4"
- Riester 9132-17

**Heymann**
- 180 mm – 7"
- Riester 9137-18

**Fomon**
- 130 mm – 5"
- Riester 9152-13

**Cottle**
- 160 mm – 6 1/4"
- Riester 9157-16

Nasal scissors
### Micro scissors

#### Noyes

<table>
<thead>
<tr>
<th></th>
<th>Fig. 1</th>
<th>Fig. 2</th>
<th>Fig. 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 mm – 4(\frac{1}{4}) &quot;</td>
<td>Riester 9222-01</td>
<td>Riester 9222-02</td>
<td>Riester 9222-03</td>
</tr>
<tr>
<td>straight</td>
<td>sharp – sharp</td>
<td>sharp – blunt</td>
<td>blunt – blunt</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Fig. 1</th>
<th>Fig. 2</th>
<th>Fig. 3</th>
</tr>
</thead>
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<tr>
<td>120 mm – 4(\frac{1}{4}) &quot;</td>
<td>Riester 9223-01</td>
<td>Riester 9223-02</td>
<td>Riester 9223-03</td>
</tr>
<tr>
<td>angulated</td>
<td>sharp – sharp</td>
<td>sharp – blunt</td>
<td>blunt – blunt</td>
</tr>
</tbody>
</table>
Micro scissors

**Surgery**

**W e c k e r**

- 120 mm – 4½ ”  Riester 9230-12

**B a r r a q u e r**

- 55 mm – 2½ ”
  - x = 7 mm  Riester 9252-05
  - x = 10 mm  Riester 9257-05

**W e c k e r**

- 110 mm – 4½ ”
  - Riester 9243-11
  - Riester 9244-11
  - Riester 9245-11

- sharp – blunt  
- blunt – blunt  
- sharp – sharp
**Micro scissors**

**Surgery**

<table>
<thead>
<tr>
<th>Brand</th>
<th>Model</th>
<th>Length (mm)</th>
<th>Type</th>
<th>Code</th>
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<tbody>
<tr>
<td>Westcott</td>
<td></td>
<td>115</td>
<td>4(\frac{1}{2})&quot;</td>
<td>Riester 9262-11 Riester 9263-11</td>
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<tr>
<td>Castroviejo</td>
<td></td>
<td>90</td>
<td>3(\frac{1}{2})&quot;</td>
<td>Riester 9272-09</td>
</tr>
</tbody>
</table>
Tenotomy scissors

110 mm – 4 3/8"

Westcott 1:1

Riester 9352-11
sharp – sharp

Riester 9357-11
blunt – blunt
Iris scissors

120 mm – 4 3/4”

- Riester 9422-12
- Riester 9423-12

115 mm – 4 1/2”

- Riester 9432-11
- Riester 9434-11
- Riester 9436-11
- Riester 9438-11

- straight
- curved
- angular
- laterally curved
Tenotomy scissors

**Surgery**

- **Stevens**
  - 100 mm – 4": Riester 9452-10, Riester 9453-10
  - 110 mm – 4⅜": Riester 9452-11, Riester 9453-11
  - Sharp – Sharp

- **Stevens**
  - 100 mm – 4": Riester 9462-10, Riester 9463-10
  - 110 mm – 4⅜": Riester 9462-11, Riester 9463-11
  - Blunt – Blunt

- **Walton**
  - 100 mm – 4": Riester 9473-10

- **Graefe**
  - 105 mm – 4⅛": Riester 9477-09
Strabismus scissors

Surgery

Anatomy scissors

Surgery

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<tr>
<th>Length</th>
<th>Model</th>
<th>Model</th>
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<tbody>
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<td>115 mm – 4½ &quot;</td>
<td>Riester 8562-11</td>
<td>Riester 8563-11</td>
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<tr>
<td>115 mm – 4½ &quot;</td>
<td>Riester 9482-11</td>
<td>Riester 9483-11</td>
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<tr>
<td>130 mm – 5 &quot;</td>
<td>Riester 9502-13</td>
<td>Riester 9503-13</td>
</tr>
<tr>
<td>140 mm – 5½ &quot;</td>
<td>Riester 9502-14</td>
<td>Riester 9503-14</td>
</tr>
</tbody>
</table>
Dura scissors

Taylor
145 mm – 5¾”
Riester 9517-14

Schmieden
170 mm – 6¾”
Riester 9517-17

Dandy
170 mm – 6¾”
Riester 9521-17

Strully
220 mm – 8½”
Riester 9518-22
Riester 9519-22
Ligature scissors

**Littauer**
- 140 mm – 5½”
  - Riester 9522-14

**O’Brien**
- 90 mm – 3½”
  - Riester 9530-09

**Spencer**
- 90 mm – 3½”
  - Riester 9532-09
- 105 mm – 4½”
  - Riester 9532-10
- 130 mm – 5”
  - Riester 9532-13

**Buck**
- 115 mm – 4½”
  - Riester 9533-11
- 145 mm – 5½”
  - Riester 9535-14
- 180 mm – 7”
  - Riester 9535-18
**Surgery**

**Ligature scissors**

**North bent**
- 90 mm – 3½ " Riester 9542-09
- 125 mm – 5 " Riester 9542-12

**Heath**
- 150 mm – 6 " Riester 9552-15
- saw edge

**Eiselsberg**
- 110 mm – 4¾ " Riester 9567-11
- 105 mm – 4¾ " Riester 9577-10

1:2
## Wire cutting scissors

### Surgery

**Universal**
- 120 mm – 4 3/4”
- Riester 9622-12
- saw edge

**Harvey**
- 125 mm – 5”
- Riester 9632-12
- saw edge

**Schuhknecht**
- 125 mm – 5”
- Riester 9637-12
- saw edge

### Beebee

#### 100 mm – 4”
- Riester 9582-10
- Riester 9592-10
- Riester 9602-10
- Riester 9582-12
- Riester 9592-12
- Riester 9602-12
- Riester 9612-10
- Riester 9612-12

<table>
<thead>
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<th>120 mm</th>
<th>125 mm</th>
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<td></td>
<td>4”</td>
<td>4 3/4”</td>
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<tr>
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### Beebee

#### 120 mm – 4 3/4”
- Riester 9582-12
- Riester 9592-12
- Riester 9602-12
- Riester 9612-12

<table>
<thead>
<tr>
<th>Length</th>
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<td>Sharp</td>
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### Beebee

#### 120 mm – 4 3/4”
- Riester 9583-12
- Riester 9593-12
- Riester 9603-12
- Riester 9613-12

<table>
<thead>
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<th>Length</th>
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### Beebee

#### 120 mm – 4 3/4”
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- Riester 9593-12
- Riester 9603-12
- Riester 9613-12

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### Beebee

#### 120 mm – 4 3/4”
- Riester 9583-12
- Riester 9593-12
- Riester 9603-12
- Riester 9613-12

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<td>Sharp</td>
<td>Blunt</td>
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</table>
**Bandage scissors**

**Surgery**

- **Universal**
  - 150 mm – 6” Riester 9670-15
  - 180 mm – 7” Riester 9670-18

- **Lister**
  - 90 mm – 3½” Riester 9672-09
  - 110 mm – 4¼” Riester 9672-11
  - 140 mm – 5½” Riester 9672-14
  - 180 mm – 7” Riester 9672-18
  - 200 mm – 8” Riester 9672-20

- **Beebee**
  - 100 mm – 4” Riester 9583-10
  - 120 mm – 4¾” Riester 9583-12
  - curved blunt – blunt sharp – sharp blunt – blunt, saw edge sharp – sharp, saw edge
**Bandage scissors**

**Lange**

180 mm – 7"

Riester 9697-18

**Knowles**

140 mm – 5½"

Riester 9727-14

1:2

**Smith (Mod. USA)**

160 mm – 6¼"

Riester 9722-16

180 mm – 7"

Riester 9722-18

200 mm – 8"

Riester 9722-20

230 mm – 9"

Riester 9722-23

1:2
Bandage scissors - Plaster shears

**Esmarch**
- 200 mm – 8” Esmarch 9676-20
- 220 mm – 9” Esmarch 9676-22

**Excentric**
- 160 mm – 6 1/4” Excentric 9680-16
- 190 mm – 7 1/2” Excentric 9680-19

**Bergmann**
- 230 mm – 9” Bergmann 9682-23

**Lorenz**
- 230 mm – 9” Lorenz 9687-23

*saw edge*
Plaster shears

Surgery

Bruns

240 mm – 9½ "
Riester 9712-24 Riester 9714-24
saw edge

200 mm – 8"
Riester 9732-20

230 mm – 9"
Riester 9737-23
Cuticle scissors - Nail scissors

100 mm – 4”  
Riester 9982-10  Riester 9983-10

110 mm – 4⅛”  
Riester 9982-11  Riester 9983-11

90 mm – 3½”  
Riester 9992-09  Riester 9993-09

100 mm – 4”  
Riester 9992-10  Riester 9993-10

110 mm – 4⅛”  
Riester 9992-11  Riester 9993-11

Nail splitting scissors

130 mm – 5”  
Riester 9642-13

150 mm – 6”  
Riester 9642-15

Systrunk

130 mm – 5”  
Riester 9652-13  Riester 9653-13

1:2
## Operating scissors

### Standard

<table>
<thead>
<tr>
<th>Length</th>
<th>Type</th>
<th>Fig. 1</th>
<th>Fig. 2</th>
<th>Fig. 3</th>
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<tr>
<td>145 mm - 5½&quot;</td>
<td>Riester 8027-14</td>
<td>Riester 8028-14</td>
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<tr>
<td>165 mm - 6½&quot;</td>
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### Lexer

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Operating scissors - Dissecting scissors

### Mayo
- **145 mm – 5½"**
  - Rüster 8278-14
  - Rüster 8279-14
- **170 mm – 6¾"**
  - Rüster 8278-17
  - Rüster 8279-17
- **230 mm – 9"**
  - Rüster 8278-23
  - Rüster 8279-23

### Mayo-Stille
- **150 mm – 6"**
  - Rüster 8288-15
  - Rüster 8289-15
- **170 mm – 6¾"**
  - Rüster 8288-17
  - Rüster 8289-17
Metzenbaum

<table>
<thead>
<tr>
<th>Fig. 1</th>
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<tr>
<td>115 mm – 4½”</td>
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<th>Fig. 3</th>
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<td>115 mm – 4½”</td>
<td>Riester 8337-11</td>
<td>Riester 8338-14</td>
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<tr>
<td>145 mm – 5¾”</td>
<td>Riester 8337-14</td>
<td>Riester 8338-14</td>
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Operating scissors - Dissecting scissors

Surgery
Operating scissors - Dissecting scissors

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**Metzenbaum-Nelson**

<table>
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<th>Length</th>
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<th>Fig. 3</th>
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<td>Riester 8347-20</td>
<td>Riester 8348-20</td>
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<td>250 mm</td>
<td>Riester 8347-25</td>
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<tr>
<td>280 mm</td>
<td>Riester 8347-28</td>
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<td>300 mm</td>
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**Operang scissors - Dissecting scissors**

<table>
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<tr>
<th>Length</th>
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<td>Riester 8358-18</td>
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<td>Riester 8357-20</td>
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<td>280 mm</td>
<td>Riester 8357-28</td>
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<tr>
<td>300 mm</td>
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Operating scissors - Dissecting scissors

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<th>Fig. 1</th>
<th>145 mm – 5¾ &quot;</th>
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<tr>
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<th>145 mm – 5¾ &quot;</th>
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<th>Riester 8367-14</th>
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<tr>
<td>180 mm</td>
<td>8539-16</td>
<td>1:2, straight, saw edge</td>
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<tr>
<td>200 mm</td>
<td>8539-18</td>
<td>1:2, straight, saw edge</td>
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<tr>
<td>230 mm</td>
<td>8539-23</td>
<td>1:2, curved, saw edge</td>
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<tr>
<td>180 mm</td>
<td>8539-18</td>
<td>1:2, straight, saw edge</td>
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<td>200 mm</td>
<td>8539-18</td>
<td>1:2, straight, saw edge</td>
<td></td>
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<tr>
<td>230 mm</td>
<td>8539-23</td>
<td>1:2, curved, saw edge</td>
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Plastic surgery scissors

**Gorney**
200 mm – 8"

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<tr>
<th></th>
<th>Riester 8702-20</th>
<th>Riester 8703-20</th>
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**Kaye**
115 mm – 4½"

<p>| | |</p>
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<tbody>
<tr>
<td></td>
<td>Riester 8696-11</td>
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!! Please ask for our special catalogue for plastic surgery.!!
# Artery scissors

## Surgery

### De Bakey

<table>
<thead>
<tr>
<th>Size</th>
<th>Angle</th>
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<tr>
<td>160 mm – 6(\frac{3}{4})&quot;</td>
<td>25°</td>
<td>8775-16</td>
<td>8776-16</td>
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<td>230 mm – 9&quot;</td>
<td>25°</td>
<td>8775-23</td>
<td>8776-23</td>
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<td>280 mm – 11&quot;</td>
<td>25°</td>
<td>8775-28</td>
<td>8776-28</td>
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### Potts-de Martel

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<tr>
<td>190 mm – 7(\frac{1}{2})&quot;</td>
<td>25°</td>
<td>8773-25</td>
<td>8773-45</td>
<td>8773-60</td>
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Tonsil scissors

Toennis-Adson
170 mm – 6 3/4"
Riester 9718-17

Tonsil scissors

Dean
170 mm – 6 3/4"
Riester 8859-17
curved, saw edge
<table>
<thead>
<tr>
<th>Scissors Type</th>
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<td>9&quot;</td>
<td>straight/curved/angled</td>
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<tr>
<td></td>
<td>225 mm</td>
<td>8½&quot;</td>
<td></td>
</tr>
<tr>
<td>Iris scissors</td>
<td>115 mm</td>
<td>4½&quot;</td>
<td>straight/curved/angular</td>
</tr>
</tbody>
</table>
Wire cutting scissors

Surgery

![Wire cutting scissors image]

Bandage scissors

Surgery

![Bandage scissors image]
Operating scissors

**Surgery**

**Lexer**
- 160 mm – 6½" (Riester 8122-16 SU, Riester 8123-16 SU)

**Mayo**
- 150 mm – 6½" (Riester 8272-15 SU, Riester 8273-15 SU)
- 170 mm – 6½" (Riester 8272-17 SU, Riester 8273-17 SU)
- 230 mm – 9" (Riester 8272-23 SU, Riester 8273-23 SU)

**Mayo-Stille**
- 150 mm – 6" (Riester 8282-15 SU, Riester 8283-15 SU)
- 170 mm – 6½" (Riester 8282-17 SU, Riester 8283-17 SU)
Operating scissors

**Metzenbaum**
- 145 mm – 5\(\frac{3}{4}\)" Riester 8333-14 SU
- 145 mm – 5\(\frac{3}{4}\)" Riester 8323-14 SU

**Metzenbaum-Nelson**
- 180 mm – 7" Riester 8343-18 SU
- 200 mm – 8" Riester 8343-20 SU
- 230 mm – 9" Riester 8343-23 SU

**Operang scissors**
- 115 mm – 4\(\frac{1}{2}\)" Riester 9483-11 SU
- 115 mm – 4\(\frac{1}{2}\)" Riester 9482-11 SU
Operating scissors

Metzenbaum-Fino

<table>
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<th>Code</th>
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<td>8373-14 SU</td>
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<tr>
<td>180 mm</td>
<td>7&quot;</td>
<td>8380-18 SU</td>
<td>8381-18 SU</td>
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<tr>
<td>200 mm</td>
<td>8&quot;</td>
<td>8380-20 SU</td>
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<tr>
<td>230 mm</td>
<td>9&quot;</td>
<td>8380-23 SU</td>
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Goldman-Fox

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<td>130 mm</td>
<td>5&quot;</td>
<td>9922-13 SU</td>
<td>9923-13 SU</td>
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115 mm – 4½" 

<table>
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<th>Model</th>
<th>Code</th>
<th>Code</th>
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<tr>
<td>115 mm</td>
<td>4½&quot;</td>
<td>9432-11 SU</td>
<td>9434-11 SU</td>
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</tbody>
</table>
Operating scissors

**Joseph**
140 mm – 5½”
Riester 8692-14 SU
Riester 8693-14 SU

**Reynolds**
160 mm – 6¼”
Riester 8602-16 SU
Riester 8603-16 SU
180 mm – 7”
Riester 8602-18 SU
Riester 8603-18 SU

**Fomon**
130 mm – 5”
Riester 9152-13 SU

**Stevens**
100 mm – 4”
Riester 9462-10 SU
Riester 9463-10 SU
110 mm – 4½”
Riester 9462-11 SU
Riester 9463-11 SU
Manufacturing Process

Manufacturing Capabilities
All of our production departments are well equipped with the latest, machinery which is imported from Germany and England, and well staffed with the expert technicians.

Raw Material Department
Riester Surgical always purchases best quality stainless steel raw material from steel manufacturers or import directly from Japan, France and Germany when need to do so.

Two kinds of series i.e. (304, 410 and 420) of stainless steel are used for production of Instruments. At Riester Surgical, we believe that quality can only be achieved through quality raw material. As such, the best quality Raw-materials (Stainless Steel Strips, Round Bars, Stainless Steel Coils and Stainless Steel Tubes) are purchased and are subjected to composition and hardness testing through our in-house laboratory in order to ensure that only the best materials are passed from production departments.

Forging Department
Riester Surgical has its own forging section where forgings are made through Drop Hammer process by seasoned operators using dyes made of the best quality imported D-2 Steel.

Forging is done by keeping in mind that the geometry of this process is a starting point and does not on any way limit your design freedom.

Milling Department
Milling is used in the instruments, defined as the process of cutting, shaping and finishing of an instrument. It is the process that includes turning, welding and fringing. At the Riester Surgical we use the best milling technology which involve cutting away pieces of metal to create dovetails, threads, bevels, slots and ridges.

Grinding (Filing & Setting)
In order to give a final shape to the instrument, our highly skilled craftsmen use filling and grinding processes which removes the material from the instrument by abrasion. Then the instrument is keenly observed and set to perform perfect.

Hardness Test (Heat Treatment)
For surgical instruments, the term harness refers to the resistance to bending, scratching, abrasion or cutting. We have in-house Heat Treatment Department equipped with top quality Vacuum Furnace where qualified staff and engineers are engaged in treating the instruments in order to add strength to the steel and perfect the metallurgical composition for further processes.

Polishing Department
The Polishing Department is manned by seasoned workmen using imported chemicals and best quality grinding wheels to ensure the best quality finish. In this department, the instruments are given final finish which includes mirror, satin or matt finishes. The finish is per customers requirements.
Riester Surgical tungsten carbide department is installed with the best quality imported machinery being manned by the exceptionally well trained experts using the German Technology. We use German tungsten carbide tips for our instruments.

Our coating department is capable of providing gold plated instruments as well as powder coated instruments depending upon the requirements of the instruments or the customers. Best quality coating related raw materials are used so that no compromise can be made on quality. Furthermore, each coating is inspected for quality before any instrument is passed on to the next department.

We use high quality imported chemicals in our Passivation Department. Every instruments is boil test and passivate for 24 hours before packing. If need arises, the instruments are re-passivated so as to eliminate any chances of rusting or corrosion during the life of the instrument. Our instruments are rust-free for life though we give guarantee for five years.

For sandblasting our instruments, we use the machines as well as the best quality sandblasting material, which are operated by skilled & well trained operators.

We use permanent and long life high quality laser etching which produces a wide variety of text and graphic images including our customer’s logo with very detailed and fine image quality.

Our quality control department is involved at all of the processes of manufacturing but before the instrument goes to the packing department, its quality and function is thoroughly checked by our qualified engineers.

Each instrument is initially packed in a poly bag to prevent scratches and then packed in the middle box. Middle boxes are then packed in the carton. The middle boxes are labeled which includes the article number, types and sizes of instruments. We can also arrange packaging and labeling according to the customers demand.

After the instruments are packed and labeled, cartons are then move to our in house warehouse where the complete record of shipments are maintained by our qualified warehouse management.