



Riester
SURGICAL 8539628

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

Bone Surgery



Riester
SURGICAL 8539628

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About Us

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 emphasizes 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

About Us

credit.

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: 01st January 2021 to 31st December 2021

User Manual

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, Scalpels, Knives, 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 over stressed 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 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

User Manual

“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 fixating detergent or hot water (>40°C) as this can cause the fixation of residuals which may influence the result of the reprocess- in 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.

User Manual

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

Amputation and resection saws

Surgery



Charrière

350 mm – 13³/₄"

Riester 24001-35



12 mm

Riester 24001-12

15 mm

Riester 24001-15

Spare saw blades



Helferich-Bier

390 mm – 15¹/₂"

Riester 24002-39



3 mm

Riester 24002-03

5 mm

Riester 24002-05

7 mm

Riester 24002-07

Spare saw blades

Amputation and resection saws

Surgery



1:2

Satterlee
310 mm – 12 1/4"
Riester 24003-31

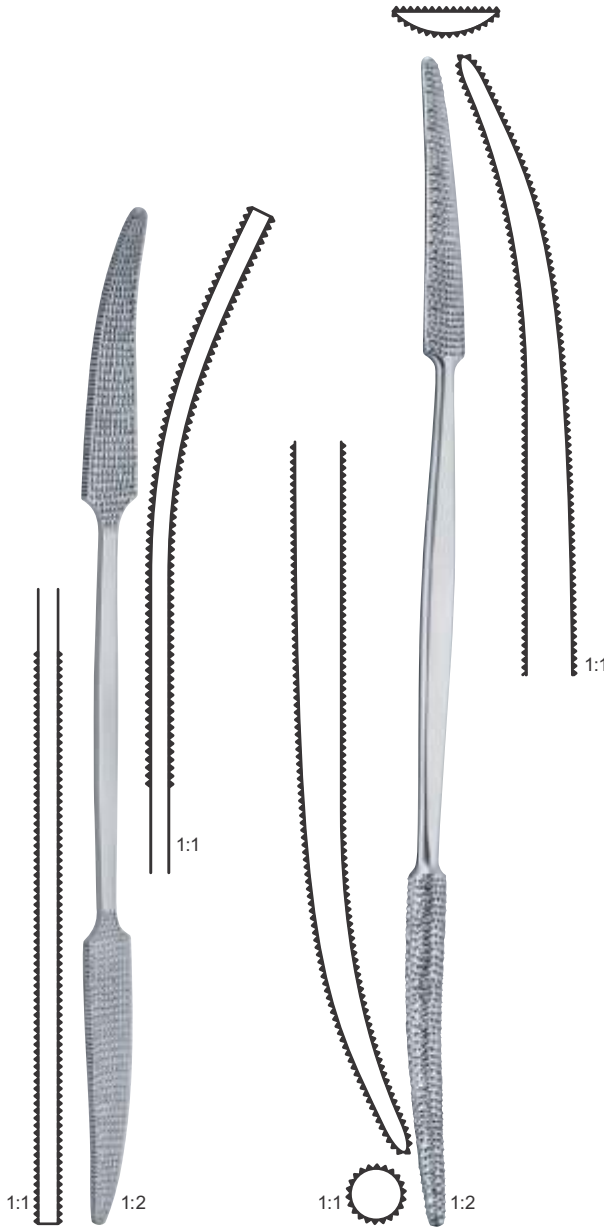


1:2

Langenbeck
230 mm – 9"
Riester 24004-23



Charrière
270 mm – 10 3/4" Riester 24005-27
300 mm – 12" Riester 24005-30
340 mm – 13 1/2" Riester 24005-34



Putti

270 mm – 10 ³ / ₄ "	Riester 24011-27	
300 mm – 12"		Riester 24010-30



280 mm – 11"	245 mm – 9 ³ / ₄ "	220 mm – 8 ³ / ₄ "
Riester 24014-28	Riester 24015-24	Riester 24016-22
	x = 13 mm	x = 20 mm
<i>semicircular</i>	<i>semicircular</i>	<i>flat</i>

Mallets

Surgery



Doyen

	195 mm – 7¾"
25 mm Ø – 120 g	Riester 24025-21
30 mm Ø – 180 g	Riester 24030-21
35 mm Ø – 260 g	Riester 24035-21



Collin

	200 mm – 8"
30 mm Ø – 220 g	Riester 24051-20

1:2



Hajek

	215 mm – 8½"
27 mm Ø – 140 g	Riester 24047-21

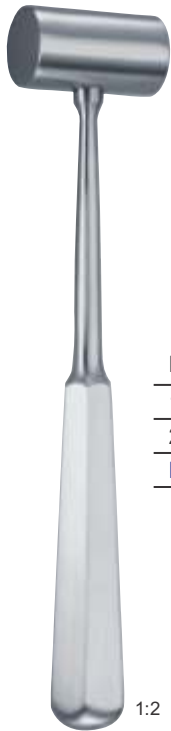
1:2



Kirk

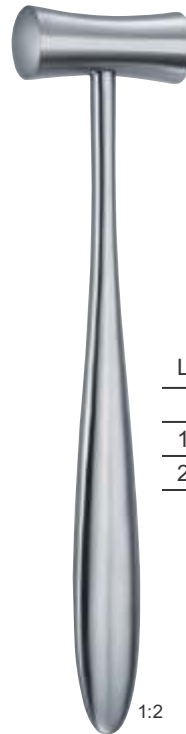
	190 mm – 7½"
38 mm Ø – 750 g	Riester 24040-19

1:2



Partsch
180 mm – 7"
22 mm Ø – 200 g
Riester 24053-18

1:2



Lucae
190 mm – 7½"
19 mm Ø – 230 g **Riester 24057-01**
25 mm Ø – 260 g **Riester 24057-02**

1:2



1:2
Bergmann
 245 mm – 9¾"
 45 mm Ø – 300 g
Riester 24043-24



1:2
Ombredanne
 240 cm – 9½"
 40 mm Ø – 550 g
Riester 24041-24



Heath

40 mm Ø – 700 g	180 mm – 7"	Riester 24044-18
45 mm Ø – 1000 g	200 mm – 8"	Riester 24044-20

 Copper filled head

Mallets

Surgery



1:2

190 mm – 7½"
250 mm Ø – 205 g
Riester 24056-19

Solid steel, with plastic faces

Riester 24056-90

Spare faces, 1 pair



1:2

Cottle
185 mm – 7¼"
30 mm Ø – 240 g
Riester 50581-19

1 side flat / 1 side convex



Williger

	240 mm – 9½"
28 mm Ø – 340 g	Riester 24042-28
30 mm Ø – 400 g	Riester 24042-30

lead filled



1:2

Williger

165 mm – 6½"

20 mm Ø – 140 g

Riester 24055-16



1:2

Mead

170 mm – 6¾"

26 mm Ø – 320 g

Riester 24050-17

Steel solid, with plastic faces

Riester 24050-90

Spare faces, 1 pair



225 mm – 8 $\frac{3}{4}$ "

37 mm Ø – 370 g

Riester 24052-22

Head solid steel, with Ferrozell faces

Riester 24052-90

Spare faces, 1 pair



240 mm – 9 $\frac{1}{2}$ "

30 mm Ø – 480 g

Riester 24059-24

Head solid steel, Ferrozell handle

Mallets

Surgery



1:2

	42 mm Ø – 250 g	42 mm Ø – 400 g
260 mm – 10 ¹ / ₄ "	Riester 24045-26	Riester 24046-26

Ferrozell, without lead Plastic, lead filled



1:2

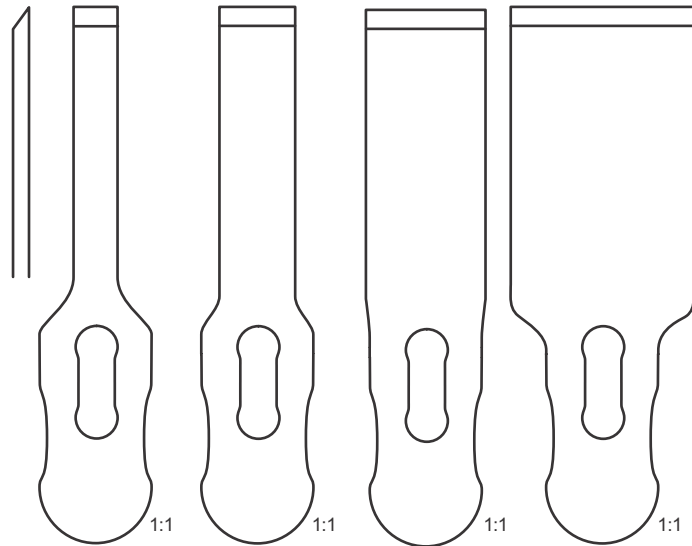
	30 mm Ø – 450 g	50 mm Ø – 900 g
265 mm – 10 ¹ / ₂ "	Riester 24054-01	Riester 24054-02

Bone chisels and gouges

Surgery

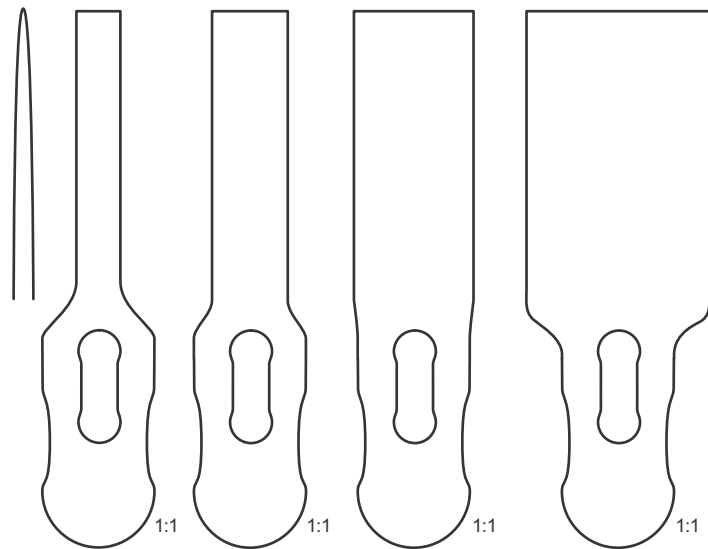


1:2
185 mm – 7 1/4"
Riester 24084-00



	5 mm	10 mm	16 mm	25 mm
85 mm – 3 1/4"	Riester 24084-05	Riester 24084-10	Riester 24084-16	Riester 24084-25

Chisel blades, interchangeable



	5 mm	10 mm	16 mm	25 mm
85 mm – 3 1/4"	Riester 24085-05	Riester 24085-10	Riester 24085-16	Riester 24085-25

Osteotome blades, interchangeable

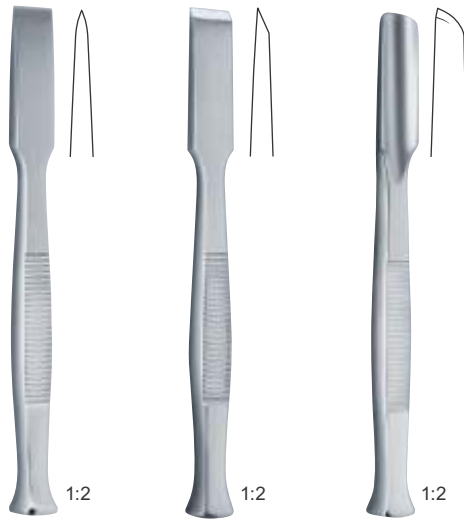


1:2
90 mm – 3 1/2"
Riester 24084-01

Key

Bone chisels and gouges

Surgery



	135 mm – 5¼"	135 mm – 5¼"	135 mm – 5¼"
8 mm	Riester 24060-08	Riester 24062-08	Riester 24064-08
10 mm	Riester 24060-10	Riester 24062-10	Riester 24064-10
12 mm	Riester 24060-12	Riester 24062-12	Riester 24064-12
14 mm	Riester 24060-14	Riester 24062-14	Riester 24064-14
16 mm	Riester 24060-16	Riester 24062-16	Riester 24064-16



Lucas

	160 mm – 6¼"	160 mm – 6¼"
3 mm		Riester 24228-03
4 mm	Riester 24227-04	Riester 24228-04
5 mm		Riester 24228-05
6 mm	Riester 24227-06	Riester 24228-06

Chisel Gouge



Alexander

	180 mm – 7"	180 mm – 7"
4 mm	Riester 24090-04	Riester 24091-04
6 mm	Riester 24090-06	Riester 24091-06
8 mm	Riester 24090-08	Riester 24091-08
10 mm	Riester 24090-10	Riester 24091-10
12 mm	Riester 24090-12	Riester 24091-12
14 mm	Riester 24090-14	Riester 24091-14

Bone chisels and gouges

Surgery



Partsch

	115 mm – 4½"	135 mm – 5¼"	170 mm – 6¾"
2 mm	Riester 24111-02	Riester 24113-02	Riester 24117-02
3 mm	Riester 24111-03	Riester 24113-03	Riester 24117-03
4 mm	Riester 24111-04	Riester 24113-04	Riester 24117-04
5 mm	Riester 24111-05	Riester 24113-05	Riester 24117-05
6 mm	Riester 24111-06	Riester 24113-06	Riester 24117-06
7 mm	Riester 24111-07	Riester 24113-07	Riester 24117-07
8 mm	Riester 24111-08	Riester 24113-08	Riester 24117-08



	115 mm – 4½"	135 mm – 5¼"	170 mm – 6¾"
	Riester 24211-02	Riester 24213-02	Riester 24217-02
	Riester 24211-03	Riester 24213-03	Riester 24217-03
	Riester 24211-04	Riester 24213-04	Riester 24217-04
	Riester 24211-05	Riester 24213-05	Riester 24217-05
	Riester 24211-06	Riester 24213-06	Riester 24217-06
	Riester 24211-07	Riester 24213-07	Riester 24217-07
	Riester 24211-08	Riester 24213-08	Riester 24217-08

Bone chisels and gouges

Surgery



Lambotte

	250 mm – 9 ³ / ₄ "	250 mm – 9 ³ / ₄ "
6 mm	Riester 24092-06	Riester 24093-06
8 mm	Riester 24092-08	Riester 24093-08
10 mm	Riester 24092-10	Riester 24093-10
13 mm	Riester 24092-13	Riester 24093-13
15 mm	Riester 24092-15	Riester 24093-15
20 mm	Riester 24092-20	Riester 24093-20
25 mm	Riester 24092-25	Riester 24093-25
30 mm	Riester 24092-30	Riester 24093-30
38 mm	Riester 24092-38	Riester 24093-38
44 mm	Riester 24092-44	Riester 24093-44
50 mm	Riester 24092-50	Riester 24093-50



Mini-Lambotte

	125 mm – 5"	170 mm – 6 ³ / ₄ "
3 mm	Riester 24094-03	Riester 24095-03
4 mm	Riester 24094-04	Riester 24095-04
6 mm	Riester 24094-06	Riester 24095-06
8 mm	Riester 24094-08	Riester 24095-08
10 mm	Riester 24094-10	Riester 24095-10
12 mm	Riester 24094-12	Riester 24095-12
15 mm	Riester 24094-15	Riester 24095-15

Bone chisels and gouges

Surgery



Lexer

	220 mm – 8¾"	300 mm – 12"	220 mm – 8¾"	300 mm – 12"
7 mm	Riester 24096-07	Riester 24088-07	Riester 24097-07	Riester 24089-07
10 mm	Riester 24096-10	Riester 24088-10	Riester 24097-10	Riester 24089-10
15 mm	Riester 24096-15	Riester 24088-15	Riester 24097-15	Riester 24089-15
20 mm	Riester 24096-20	Riester 24088-20	Riester 24097-20	Riester 24089-20
25 mm	Riester 24096-25	Riester 24088-25	Riester 24097-25	Riester 24089-25
30 mm	Riester 24096-30	Riester 24088-30	Riester 24097-30	Riester 24089-30

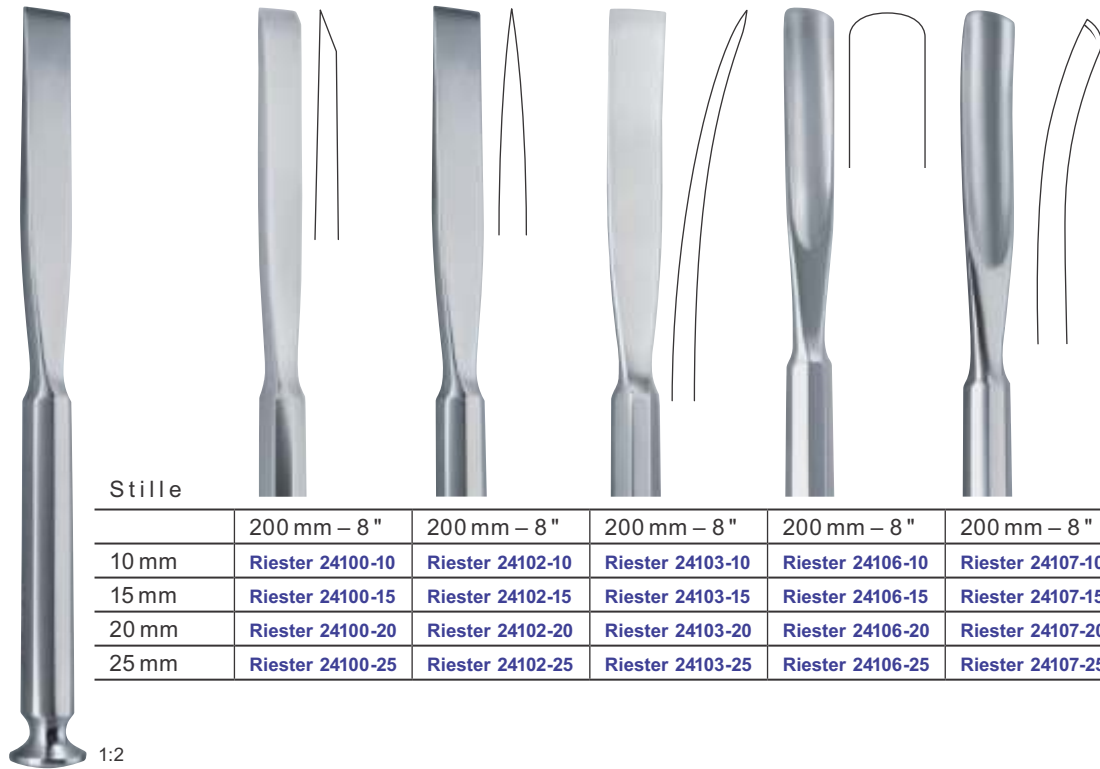
Ferrozell handle



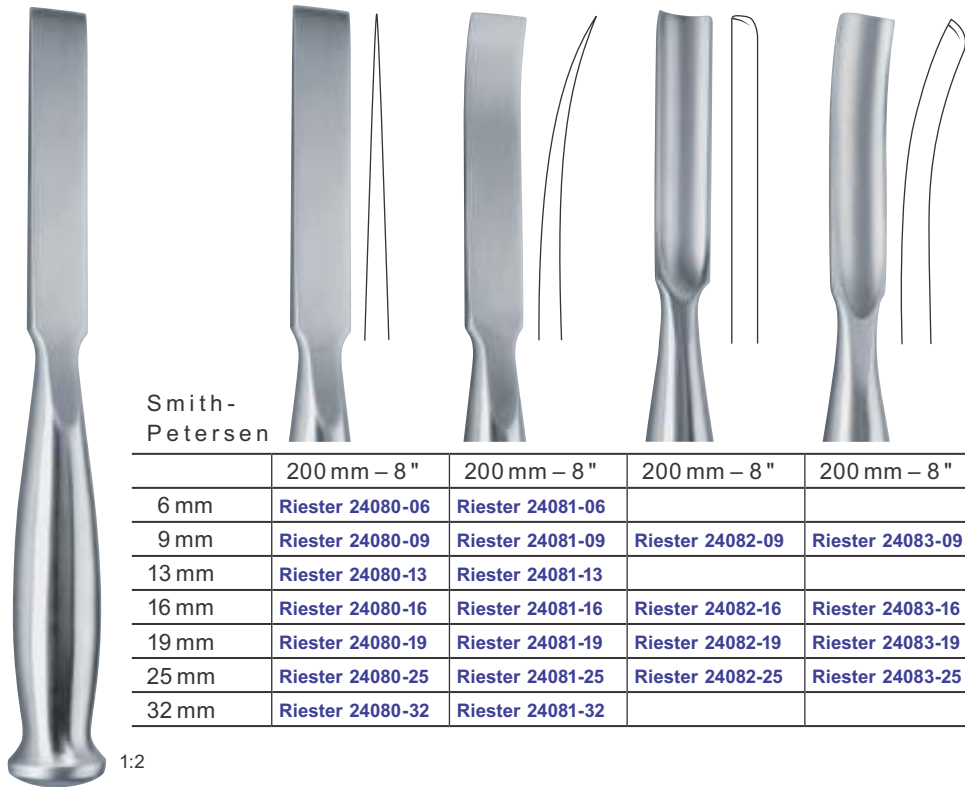
Mini-Lexer

	180 mm – 7"	180 mm – 7"
4 mm	Riester 24086-04	Riester 24087-04
6 mm	Riester 24086-06	Riester 24087-06
8 mm	Riester 24086-08	Riester 24087-08
10 mm	Riester 24086-10	Riester 24087-10
12 mm	Riester 24086-12	Riester 24087-12

Ferrozell handle



Stille	200 mm – 8 "	200 mm – 8 "	200 mm – 8 "	200 mm – 8 "	200 mm – 8 "
10 mm	Riester 24100-10	Riester 24102-10	Riester 24103-10	Riester 24106-10	Riester 24107-10
15 mm	Riester 24100-15	Riester 24102-15	Riester 24103-15	Riester 24106-15	Riester 24107-15
20 mm	Riester 24100-20	Riester 24102-20	Riester 24103-20	Riester 24106-20	Riester 24107-20
25 mm	Riester 24100-25	Riester 24102-25	Riester 24103-25	Riester 24106-25	Riester 24107-25



Smith-Petersen

	200 mm – 8 "	200 mm – 8 "	200 mm – 8 "	200 mm – 8 "
6 mm	Riester 24080-06	Riester 24081-06		
9 mm	Riester 24080-09	Riester 24081-09	Riester 24082-09	Riester 24083-09
13 mm	Riester 24080-13	Riester 24081-13		
16 mm	Riester 24080-16	Riester 24081-16	Riester 24082-16	Riester 24083-16
19 mm	Riester 24080-19	Riester 24081-19	Riester 24082-19	Riester 24083-19
25 mm	Riester 24080-25	Riester 24081-25	Riester 24082-25	Riester 24083-25
32 mm	Riester 24080-32	Riester 24081-32		

1:2



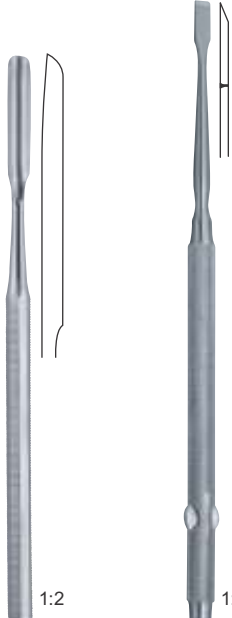
Hibbs

	240 mm-9½"	240 mm-9½"	240 mm-9½"	240 mm-9½"	240 mm-9½"
6 mm	Riester 24221-06	Riester 24222-06	Riester 24223-06	Riester 24224-06	Riester 24225-06
13 mm	Riester 24221-13	Riester 24222-13	Riester 24223-13	Riester 24224-13	Riester 24225-13
19 mm	Riester 24221-19	Riester 24222-19	Riester 24223-19	Riester 24224-19	Riester 24225-19
25 mm	Riester 24221-25	Riester 24222-25	Riester 24223-25	Riester 24224-25	Riester 24225-25
32 mm	Riester 24221-32	Riester 24222-32	Riester 24223-32	Riester 24224-32	Riester 24225-32

1:2

Bone chisels and gouges

Surgery



Freer


	150 mm - 6"	160 mm - 6 1/4"
6 mm	Riester 24251-15	
4 mm		Riester 24252-16

Gouge Chisel



Ballenger

	160 mm - 6 1/4"
4 mm	Riester 24255-04
6 mm	Riester 24255-06
8 mm	Riester 24255-08



Mannerfelt
modif.

	155 mm - 6"	155 mm - 6"
3 mm		Riester 24254-03
4 mm	Riester 24253-04	
6 mm	Riester 24253-06	
8 mm	Riester 24253-08	

Osteotomes Gouge

Chisels, osteotomes for rhinoplastic

Surgery



Kilian 1:2
160 mm – 6 1/4"
5 mm
Riester 24261-16



Kilian-Claus 1:2
160 mm – 6 1/4"
5 mm
Riester 24263-16



Cottle 1:2
150 mm – 6"
7 mm **Riester 24270-07**
12 mm **Riester 24270-12**



Cottle 1:2
190 mm – 7 1/2"
4 mm **Riester 24272-19**
6 mm **Riester 24277-06**



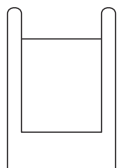
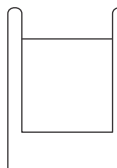
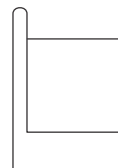
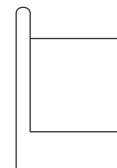
Fomon 1:1 1:1 1:1 1:1 1:1
4 mm **Riester 24278-04** 5 mm **Riester 24278-05** 6 mm **Riester 24278-06** 7 mm **Riester 24278-07** 8 mm **Riester 24278-08**
170 mm – 6 3/4"

Chisels, osteotomes for rhinoplastic

Surgery







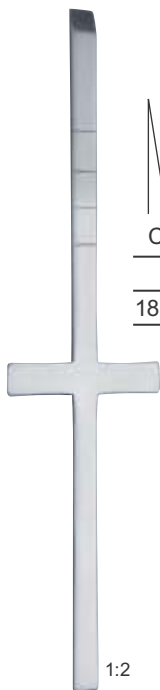
Cinelli

	 1:1	 1:1	 1:1	 1:1
	10 mm	12 mm	14 mm	16 mm
180 mm – 7"	Riester 24279-10	Riester 24279-12	Riester 24279-14	Riester 24279-16







Cottle

	 1:1	 1:1	 1:1	 1:1
	4 mm	7 mm	9 mm	12 mm
180 mm – 7"	Riester 24280-04	Riester 24280-07	Riester 24280-09	Riester 24280-12



Cottle

	 1:1	 1:1	 1:1	 1:1
	4 mm	7 mm	9 mm	12 mm
180 mm – 7"	Riester 24281-04	Riester 24281-07	Riester 24281-09	Riester 24281-12

Chisels, osteotomes for rhinoplastic

Surgery

Cottle

	6 mm	16 mm	16 mm
180 mm – 7"	Riester 24283-06	Riester 24284-16	Riester 24286-16

Rubin





	10 mm	12 mm	14 mm
180 mm – 7"	Riester 24290-10	Riester 24290-12	Riester 24290-14

Chisels, osteotomes for rhinoplastic

Surgery





Cottle

	 1:1	 1:1	 1:1	 1:1
	4 mm	7 mm	9 mm	12 mm
200 mm – 8"	Riester 24287-04	Riester 24287-07	Riester 24287-09	Riester 24287-12











Walter

	 1:1	 1:1
	3 mm	4,5 mm
190 mm – 7½"	Riester 24292-03	Riester 24292-04



Sheehan

	 1:1	 1:1	 1:1	 1:1
	2 mm	4 mm	6 mm	8 mm
160 mm – 6¼"	Riester 24295-02	Riester 24295-04	Riester 24295-06	Riester 24295-08

 1:1	 1:1	 1:1	 1:1
10 mm	12 mm	15 mm	18 mm
Riester 24295-10	Riester 24295-12	Riester 24295-15	Riester 24295-18

Chisels, osteotomes for rhinoplastic

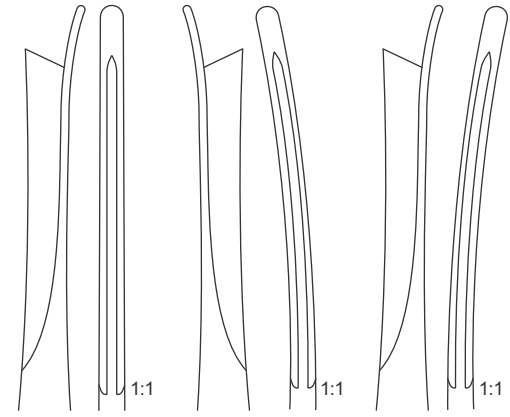
Surgery



1:2

Silver

180 mm – 7"



straight

right

left

1:1

1:1

1:1

Riester 24296-01

Riester 24296-02

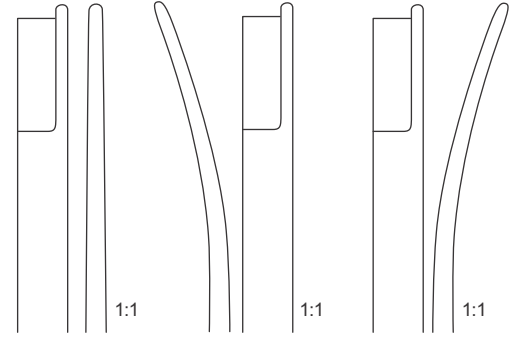
Riester 24296-03



1:2

Neivert-Anderson

200 mm – 8"



straight

right

left

1:1

1:1

1:1

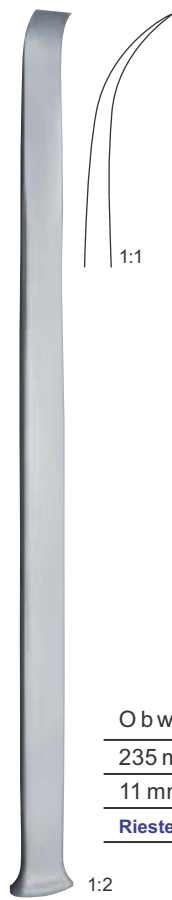
Riester 24298-01

Riester 24298-02

Riester 24298-03

Osteotomes for maxillo-facial surgery

Surgery



Obwegeser
235 mm – 9¼"
11 mm
Riester 52744-24



Obwegeser	7 mm	10 mm
215 mm – 8½"	Riester 52755-21	Riester 52756-21

Tampers

Surgery



1:2

	1:1	1:1	1:1	1:1	1:1	1:1	1:1
	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	8 mm Ø	10 mm Ø
155 mm – 6"	Riester 24250-02	Riester 24250-03	Riester 24250-04	Riester 24250-05	Riester 24250-06	Riester 24250-08	Riester 24250-10



1:2

Passow	1:1	1:1
	Fig. 1	Fig. 2
	2.5 mm x 2.5 mm	3.5 mm x 3.5 mm
120 mm – 4¾"	Riester 24239-11	Riester 24239-12



1:2

Caspar	1:1	1:1	1:1
	3 mm Ø	5 mm Ø	8 mm Ø
200 mm – 8"	Riester 24248-03	Riester 24248-05	Riester 24248-08

	1:1	1:1	1:1
	12 mm Ø	14 mm Ø	16 mm Ø
200 mm – 8"	Riester 24249-12	Riester 24249-14	Riester 24249-16













1:2

Bone curettes






Surgery





Volkmann	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 0000	Fig. 000	Fig. 00	Fig. 0	Fig. 1
170 mm – 6 ³ / ₄ "	Riester 24450-40	Riester 24450-30	Riester 24450-20	Riester 24450-10	Riester 24450-01

 1:1	 1:1	 1:1	 1:1	 1:1
Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
Riester 24450-02	Riester 24450-03	Riester 24450-04	Riester 24450-05	Riester 24450-06






Schede	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2
170 mm – 6 ³ / ₄ "	Riester 24451-30	Riester 24451-20	Riester 24451-10	Riester 24451-01	Riester 24451-02




 1:1	 1:1
Fig. 3	Fig. 4
Riester 24451-03	Riester 24451-04




Bone curettes

Surgery









Spratt	 1:1	 1:1	 1:1
	Fig. 0000	Fig. 000	Fig. 00
170 mm – 6 ³ / ₄ "	Riester 24461-40	Riester 24461-30	Riester 24461-20




 1:1	 1:1	 1:1
Fig. 0	Fig. 1	Fig. 2
Riester 24461-10	Riester 24461-01	Riester 24461-02

 1:1	 1:1	 1:1
Fig. 3	Fig. 4	Fig. 5
Riester 24461-03	Riester 24461-04	Riester 24461-05



Bruns	 1:1	 1:1	 1:1
	Fig. 000	Fig. 00	Fig. 0
160 mm – 6 ¹ / ₄ "	Riester 24460-30	Riester 24460-20	Riester 24460-10







 1:1	 1:1	 1:1
Fig. 1	Fig. 2	Fig. 3
Riester 24460-01	Riester 24460-02	Riester 24460-03

 1:1	 1:1	 1:1
Fig. 4	Fig. 5	Fig. 6
Riester 24460-04	Riester 24460-05	Riester 24460-06





Bone curettes






Surgery



Volkman	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 0000	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2
185 mm – 7 1/4"	Riester 24442-40	Riester 24442-30	Riester 24442-20	Riester 24442-10	Riester 24442-01	Riester 24442-02

oval, with plastic handle

	 1:1	 1:1	 1:1	 1:1
	Fig. 3	Fig. 4	Fig. 5	Fig. 6
190 mm – 7 1/2"	Riester 24442-03	Riester 24442-04	Riester 24442-05	Riester 24442-06

	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
275 mm – 10 3/4"	Riester 24443-00	Riester 24443-01	Riester 24443-02	Riester 24443-03	Riester 24443-04

Bone curettes

Surgery

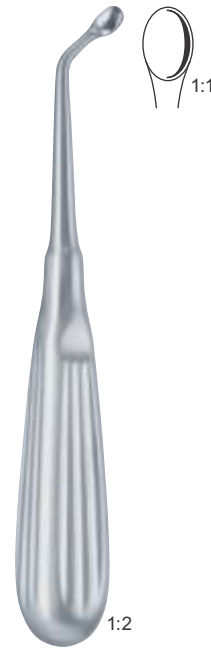


Halle



	Fig. 1	Fig. 2	Fig. 3
210 mm – 8 $\frac{1}{4}$ "	Riester 24462-01	Riester 24462-02	Riester 24462-03

flexible



Uffenorde



	Fig. 1	Fig. 2
170 mm – 6 $\frac{3}{4}$ "	Riester 24463-01	Riester 24463-02

Bruns



	Fig. 00	Fig. 0	Fig. 1	Fig. 2
230 mm – 9"	Riester 24464-20	Riester 24464-10	Riester 24464-01	Riester 24464-02

solid

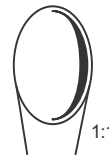


Fig. 3	Fig. 4	Fig. 5	Fig. 6
Riester 24464-03	Riester 24464-04	Riester 24464-05	Riester 24464-06



Bone curettes

Surgery



Schroeder

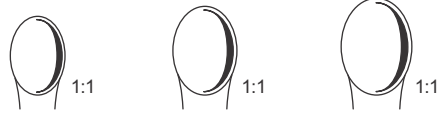


	Fig. 1	Fig. 2	Fig. 3
300 mm – 12"	Riester 24448-01	Riester 24448-02	Riester 24448-03

sharp / rigid

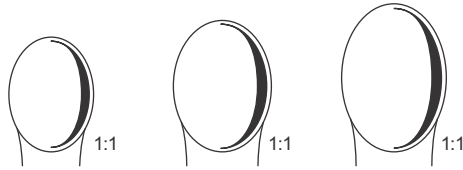


Fig. 4	Fig. 5	Fig. 6
Riester 24448-04	Riester 24448-05	Riester 24448-06



Simon



	Fig. 0000	Fig. 000	Fig. 00	Fig. 0
240 mm – 9½"	Riester 24440-40	Riester 24440-30	Riester 24440-20	Riester 24440-10

sharp / rigid

Simon



	Fig. 1	Fig. 2	Fig. 3
250 mm – 9¾"	Riester 24445-01	Riester 24445-02	Riester 24445-03

sharp / rigid

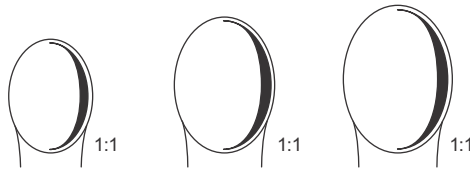




Fig. 4	Fig. 5	Fig. 6
Riester 24445-04	Riester 24445-05	Riester 24445-06




Bone curettes




Surgery



	 1:1	 1:1	 1:1
	Fig. 000	Fig. 00	Fig. 0
200 mm – 8"	Riester 24390-30	Riester 24390-20	Riester 24390-10




straight

 1:1	 1:1	 1:1
Fig. 1	Fig. 2	Fig. 3
Riester 24390-01	Riester 24390-02	Riester 24390-03




 1:1	 1:1	 1:1
Fig. 4	Fig. 5	Fig. 6
Riester 24390-04	Riester 24390-05	Riester 24390-06




1:2



	 1:1	 1:1	 1:1
	Fig. 000	Fig. 00	Fig. 0
200 mm – 8"	Riester 24391-30	Riester 24391-20	Riester 24391-10

curved

 1:1	 1:1	 1:1
Fig. 1	Fig. 2	Fig. 3
Riester 24391-01	Riester 24391-02	Riester 24391-03





 1:1	 1:1	 1:1
Fig. 4	Fig. 5	Fig. 6
Riester 24391-04	Riester 24391-05	Riester 24391-06

1:2





Bone curettes

Surgery



	 1:1	 1:1	 1:1	 1:1
	Fig. 000	Fig. 00	Fig. 0	Fig. 1
	3.6 mm	4.4 mm	5.2 mm	6.8 mm
250 mm – 9 3/4" straight	Riester 24392-30	Riester 24392-20	Riester 24392-10	Riester 24392-01






	 1:1	 1:1	 1:1	 1:1
	Daubenspeck Fig. 0000	Fig. 000	Fig. 00	Fig. 0
	2.8 mm	3.6 mm	4.4 mm	5.2 mm
200 mm – 8"	Riester 24394-40	Riester 24394-30	Riester 24394-20	Riester 24394-10

Bone curettes

Surgery








Scoville	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3
250 mm – 9 ³ / ₄ "	Riester 24465-01	Riester 24465-02	Riester 24465-03

oval

1:2

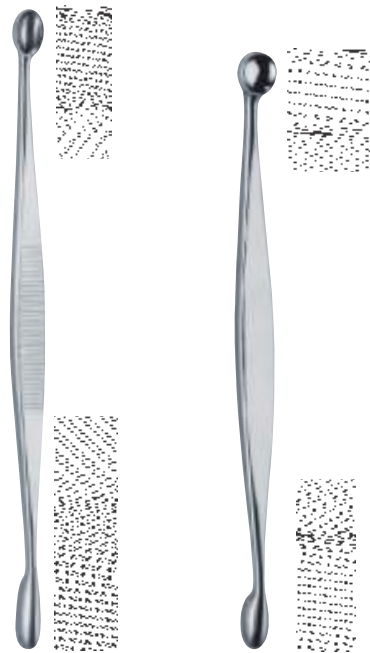


Lempert	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 00000	Fig. 0000	Fig. 000	Fig. 00	Fig. 0
	1.8 mm	2.0 mm	2.4 mm	2.6 mm	2.8 mm
215 mm – 8 ¹ / ₂ "	Riester 24395-50	Riester 24395-40	Riester 24395-30	Riester 24395-20	Riester 24395-10

1:2

Bone curettes, double-ended

Surgery

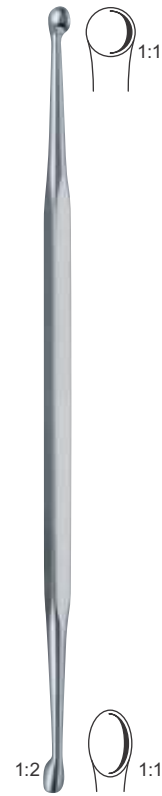


Volkman

130 mm – 5"	Riester 24400-13	Riester 24410-13
140 mm – 5½"	Riester 24400-14	
160 mm – 6¼"		Riester 24410-16
170 mm – 6¾"	Riester 24400-17	
200 mm – 8"		Riester 24410-20

oval / oval

round / oval



1:2

210 mm – 8¼"

Riester 24412-21


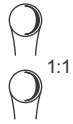

round / oval

Bone curettes, double-ended

Surgery

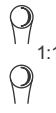




1:2

Martini	 1:1	 1:1	 1:1
	Fig. 00	Fig. 0	Fig. 1
	Fig. 0	Fig. 1	Fig. 2
135 mm – 5 1/4"	Riester 24485-00	Riester 24485-01	Riester 24485-12






1:2

Martini	 1:1	 1:1	 1:1
	Fig. 00	Fig. 0	Fig. 1
	Fig. 00	Fig. 0	Fig. 1
155 mm – 6"	Riester 24489-20	Riester 24489-10	Riester 24489-01

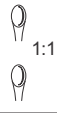

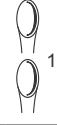


1:2

Williger	 1:1	 1:1	 1:1
	Fig. 00	Fig. 0	Fig. 1
	Fig. 0	Fig. 1	Fig. 2
135 mm – 5 1/4"	Riester 24487-00	Riester 24487-01	Riester 24487-12




1:2

Williger	 1:1	 1:1	 1:1
	Fig. 00	Fig. 0	Fig. 1
	Fig. 00	Fig. 0	Fig. 1
155 mm – 6"	Riester 24490-20	Riester 24490-10	Riester 24490-01

Periosteal elevators for maxillo-facial surgery


Surgery



Obwegeser

	6 mm	7 mm	9 mm	11 mm
170 mm – 6¾"	Riester 52730-06	Riester 52730-07	Riester 52730-09	Riester 52730-11

1:1 1:1 1:1 1:1



	5 mm	8 mm	9 mm
200 mm – 8"	Riester 52731-05	Riester 52731-08	Riester 52731-09

1:1 1:1 1:1

Obwegeser-Freer
210 mm – 8¼" Riester 52738-21

Obwegeser-Freer
210 mm – 8¼" Riester 52740-21



1:1 1:1

1:2 1:1

1:2

Periosteal elevators and awls
for maxillo-facial surgery

Surgery



Obwegeser
175 mm – 7"
Riester 52735-01



Obwegeser
230 mm – 9"
Riester 52751-23



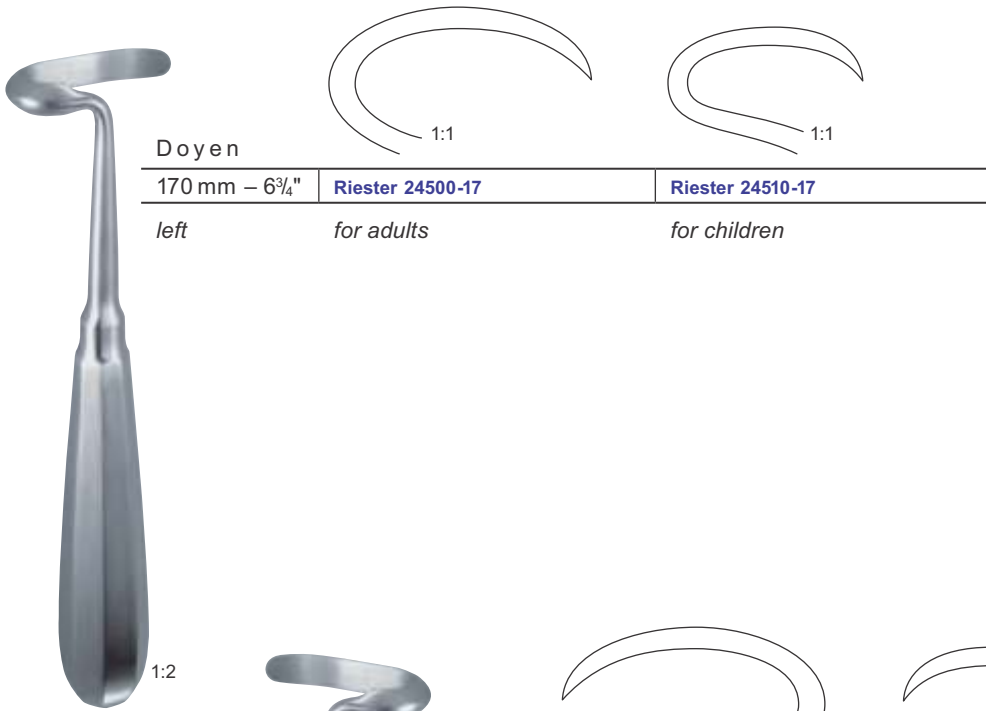
Obwegeser
180 mm – 7"
Riester 52749-18



Obwegeser
140 mm – 5½"
Riester 52750-14

Periosteal raspatories-Elevators

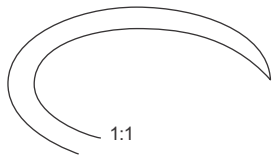
Surgery



Doyen

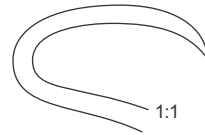
170 mm – 6³/₄"

left



1:1

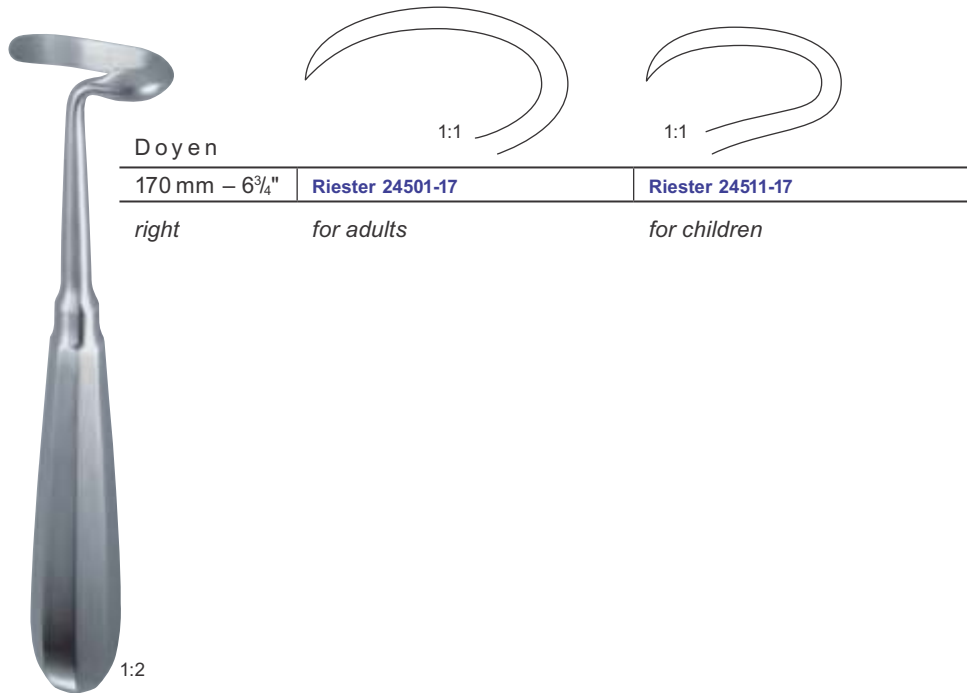
for adults



1:1

for children

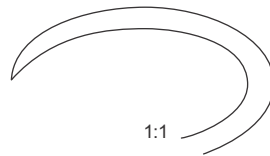
Riester 24500-17	Riester 24510-17
-------------------------	-------------------------



Doyen

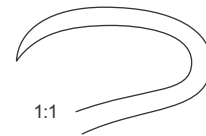
170 mm – 6³/₄"

right



1:1

for adults



1:1

for children

Riester 24501-17	Riester 24511-17
-------------------------	-------------------------

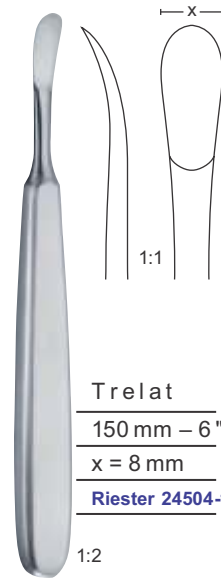
Periosteal raspatories-Elevators

Surgery



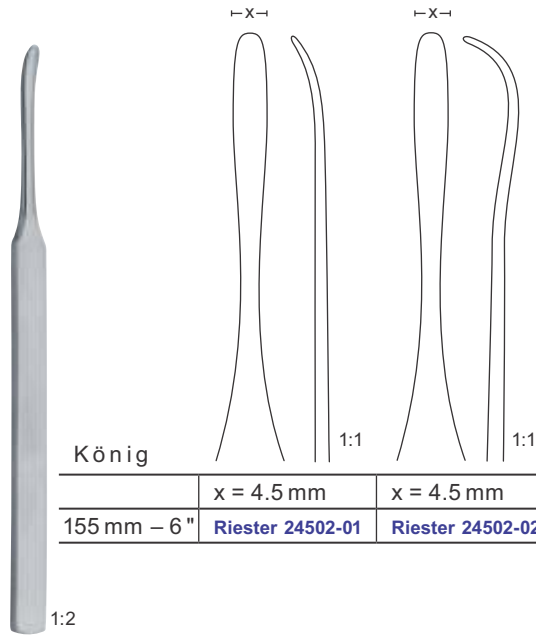
Quervain
195 mm – 7³/₄"
x = 6 mm
Riester 24503-19

1:2



Trelat
150 mm – 6"
x = 8 mm
Riester 24504-15

1:2

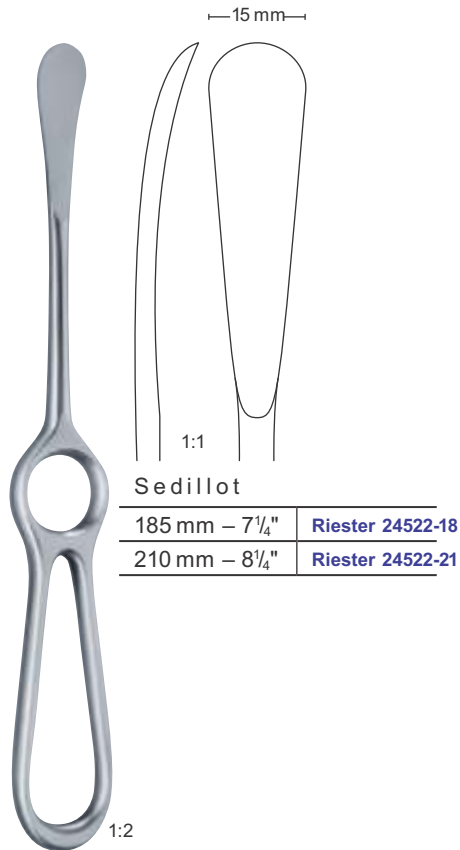
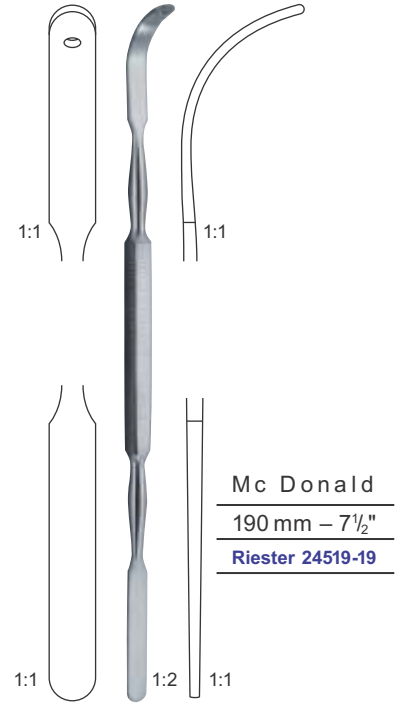
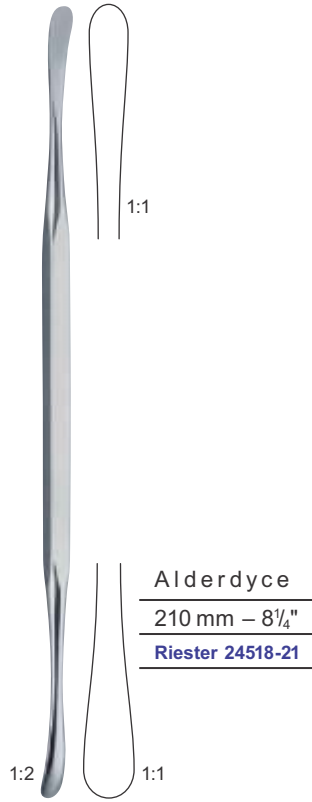
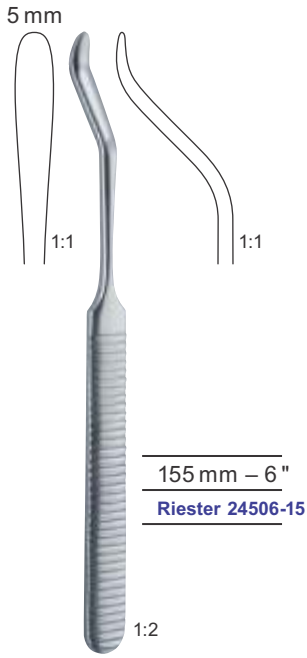


König	x = 4.5 mm	x = 4.5 mm
155 mm – 6"	Riester 24502-01	Riester 24502-02

1:2

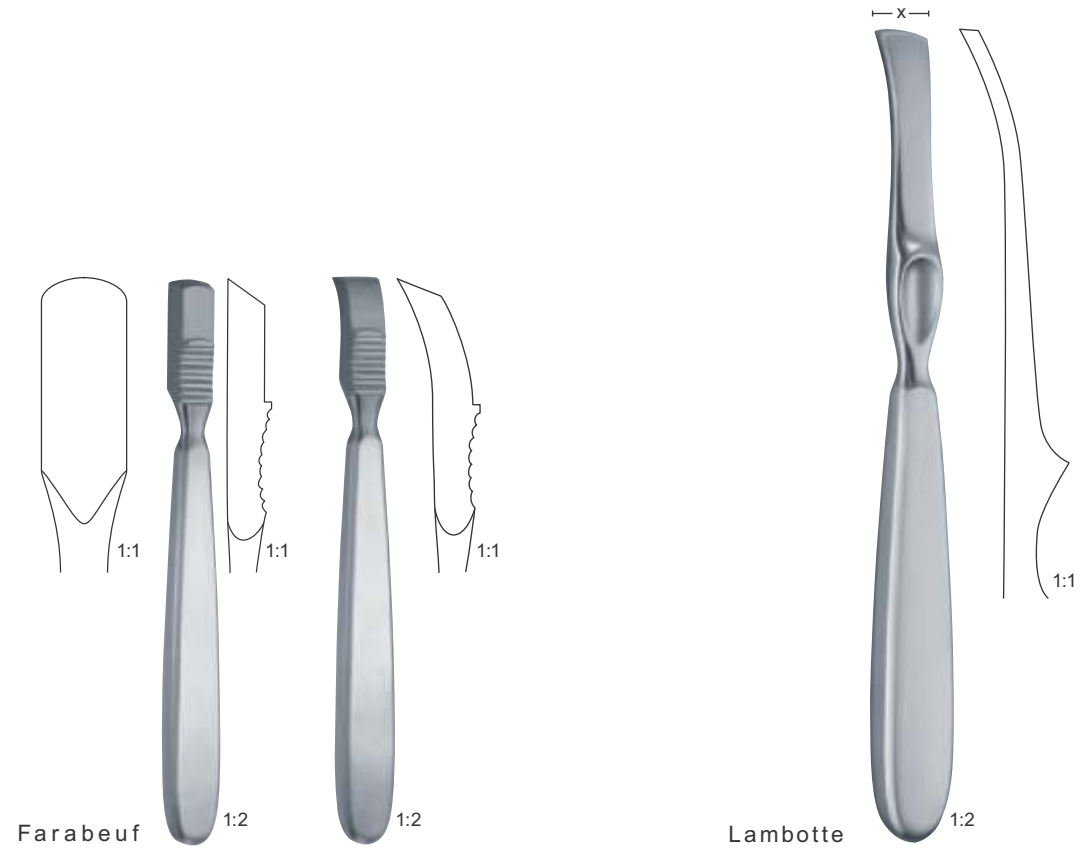
Periosteal raspatories-Elevators

Surgery



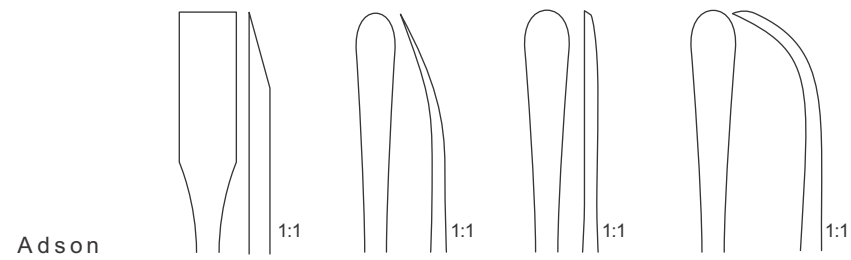
Periosteal raspatories-Elevators

Surgery



Farabeuf	150 mm – 6"	Riester 24520-15	Riester 24521-15
	<i>straight</i>		<i>curved</i>

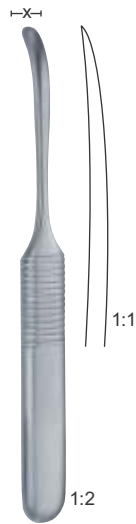
Lambotte	210 mm – 8¼"
x = 5 mm	Riester 24523-05
x = 10 mm	Riester 24523-10
x = 15 mm	Riester 24523-15
x = 20 mm	Riester 24523-20
x = 25 mm	Riester 24523-25



Adson	Fig. 1	Fig. 2	Fig. 3	Fig. 4
170 mm – 6¾"	Riester 24535-01	Riester 24535-02	Riester 24535-03	Riester 24535-04

Periosteal raspatories-Elevators

Surgery



Williger
x = 5 mm
130 mm – 5" **Riester 24525-13**



Williger
160 mm – 6 1/4"
x = 4 mm **Riester 24525-16**
x = 6 mm **Riester 24526-16**



Williger
x = 5 mm
160 mm – 6 1/4" **Riester 24532-16**



x = 6.5 mm
Riester 24533-17



Farabeuf-Collin
x = 11 mm
160 mm – 6 1/4" **Riester 24528-01**



x = 11 mm
Riester 24528-02

Periosteal raspatories-Elevators

Surgery



Obwegeser

	2.5 mm	4 mm
150 mm – 6"	Riester 52742-25	Riester 52742-40



Obwegeser

185 mm – 7 1/4"
Riester 52746-19



Obwegeser

185 mm – 7 1/4"
Riester 52747-19

Periosteal raspatories-Elevators

Surgery



Semb	1:2	1:2	1:2	1:2	1:2	1:2
175 mm – 7"	210 mm – 8¼"	175 mm – 7"	210 mm – 8¼"	225 mm – 8¾"	220 mm – 8¾"	
12 mm	12 mm	13 mm	13 mm	13 mm	15 mm	
Riester 24536-01	Riester 24536-02	Riester 24536-03	Riester 24536-04	Riester 24536-05	Riester 24536-06	

Periosteal raspatories-Elevators

Surgery

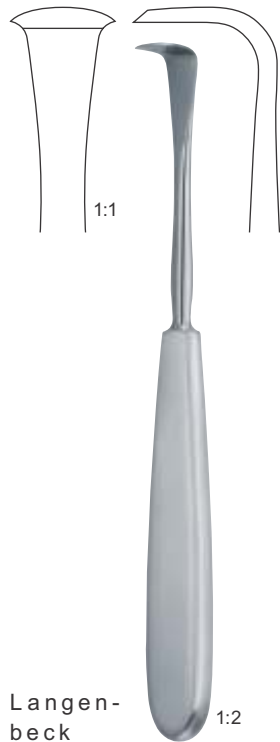


Howarth

215 mm – 8½"

Riester 24534-21

sharp / blunt

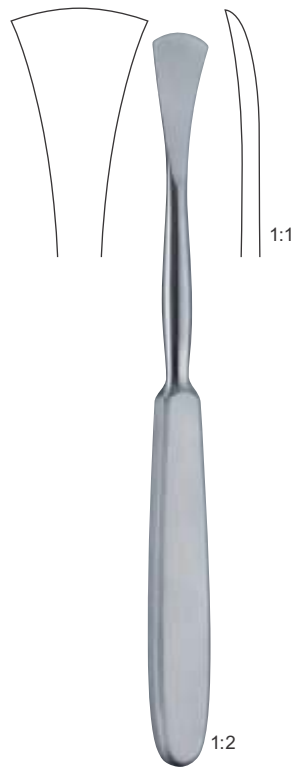


Langenbeck

1:2

180 mm – 7"

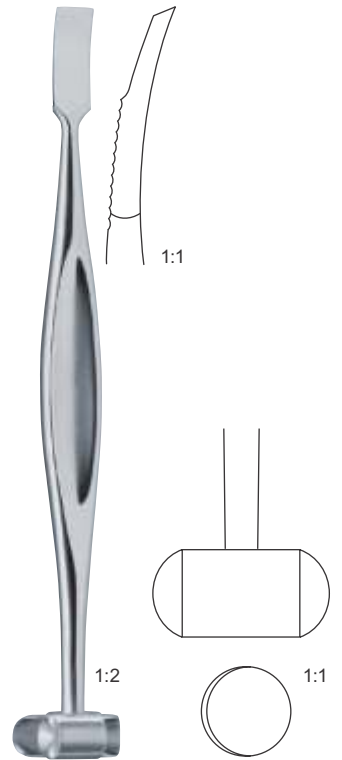
Riester 24537-18



1:2

190 mm – 7½"

Riester 24538-19



Alexander

1:2

200 mm – 8"

Riester 24539-20

1:1

Periosteal raspatories-Elevators

Surgery

Langenbeck

	x = 8 mm	x = 10 mm
200 mm – 8 "	Riester 24540-20	Riester 24542-20

Sebilleau

	x = 5 mm	
175 mm – 7 "	Riester 24544-17	

	175 mm – 7 "	Riester 24546-17
	<i>extremely light</i>	

Periosteal raspatories-Elevators

Surgery



Cobb

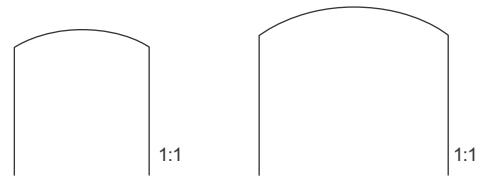
	290 mm – 11½"
x = 10 mm	Riester 24541-10
x = 13 mm	Riester 24541-13
x = 19 mm	Riester 24541-19

Spinal raspatory



Key

180 mm – 7"	190 mm – 7½"	190 mm – 7½"
x = 6 mm	x = 10 mm	x = 12 mm
Riester 24545-06	Riester 24545-10	Riester 24545-12



200 mm – 8"	210 mm – 8¼"
x = 19 mm	x = 25 mm
Riester 24545-19	Riester 24545-25

Periosteal raspatories

Surgery



1:2

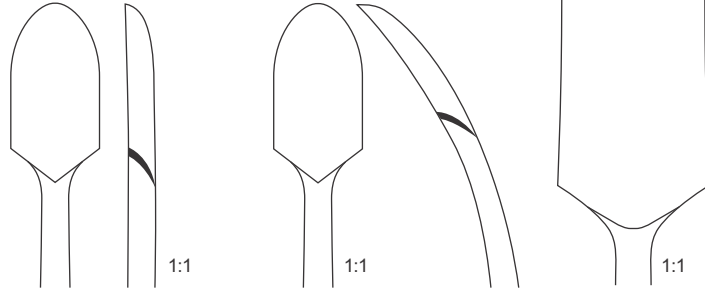


	Fig. 1	Fig. 2	Fig. 3
	14 mm	14 mm	20 mm
200 mm – 8"	Riester 24548-01	Riester 24548-02	Riester 24548-03
<i>Ferrozell handle</i>	<i>straight</i>	<i>curved</i>	<i>straight</i>



1:2

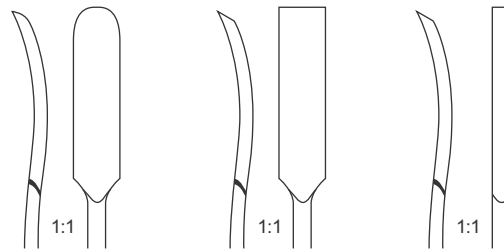


	Fig. 1	Fig. 2	Fig. 3
	6 mm	3 mm	6 mm
180 mm – 7"	Riester 24549-01	Riester 24549-02	Riester 24549-03
<i>Ferrozell handle</i>			



Hohmann

220 mm – 8 ³ / ₄ "	240 mm – 9 ¹ / ₂ "	240 mm – 9 ¹ / ₂ "	240 mm – 9 ¹ / ₂ "
x = 8 mm	x = 18 mm	x = 43 mm	x = 70 mm
Riester 24550-08	Riester 24550-18	Riester 24550-43	Riester 24550-70

Bone levers

Surgery



Hohmann

245 mm – 9 ³ / ₄ "	260 mm – 10 ¹ / ₄ "	280 mm – 11"	265 mm – 10 ¹ / ₂ "	260 mm – 10 ¹ / ₄ "
x = 43 mm	x = 22 mm	x = 33 mm	x = 24 mm	x = 22 mm
Riester 24558-43	Riester 24558-22	Riester 24558-33	Riester 24559-24	Riester 24561-22

Bone levers

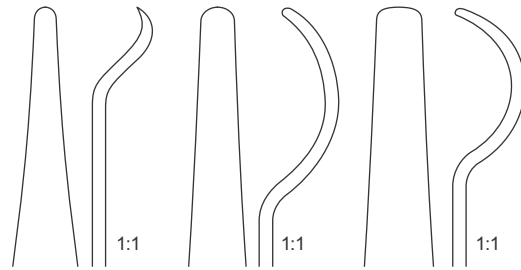
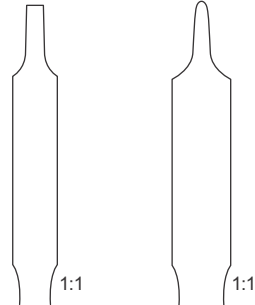
Surgery



1:2

Mini-Hohmann

	6 mm	8 mm
160 mm – 6¼"	Riester 24551-06	Riester 24551-08



	2.8 mm	4.5 mm	6 mm
140 mm – 5½"	Riester 24552-02	Riester 24552-04	Riester 24552-06



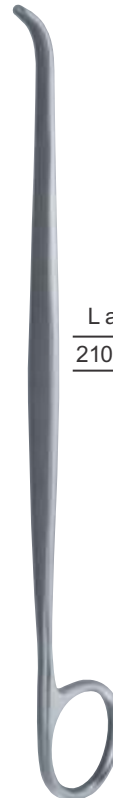
1:2



1:2

Bristow

230 mm – 9"	Riester 24552-23
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1:2

Lane

210 mm – 8¼"	Riester 24552-21
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Bone levers

Surgery



Bennett

	240 mm – 9½"
x = 43 mm	Riester 24555-01
x = 60 mm	Riester 24555-02



Murphy-Lane

340 mm – 13½"
Riester 24556-34

Luxation lever



Blount

260 mm – 10 $\frac{1}{4}$ "	Riester 24562-26	Riester 24563-26
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Lange-Hohmann mod.

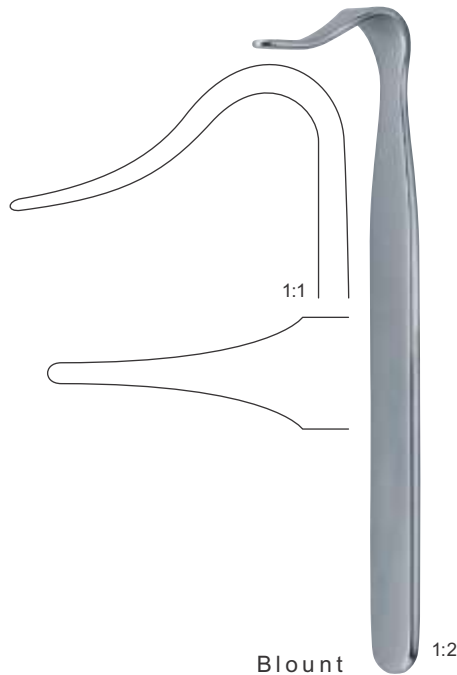
265 mm – 10 $\frac{1}{2}$ "	280 mm – 11"
x = 30 mm	x = 33 mm
Riester 24561-26	Riester 24561-28



Hohmann-Williger

160 mm – 6¼"

Riester 24560-16



Blount

175 mm – 7"

Riester 24564-17



Taylor

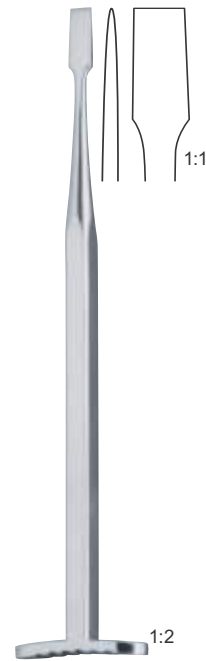
	165 mm – 6½"
a = 75 mm – b = 30 mm	Riester 24566-16
a = 100 mm – b = 30 mm	Riester 24567-16

Meniscotomy knives

Surgery



Bircher
190 mm – 7½" **Riester 24563-19**



Smillie
170 mm – 6¾" **Riester 24568-17**



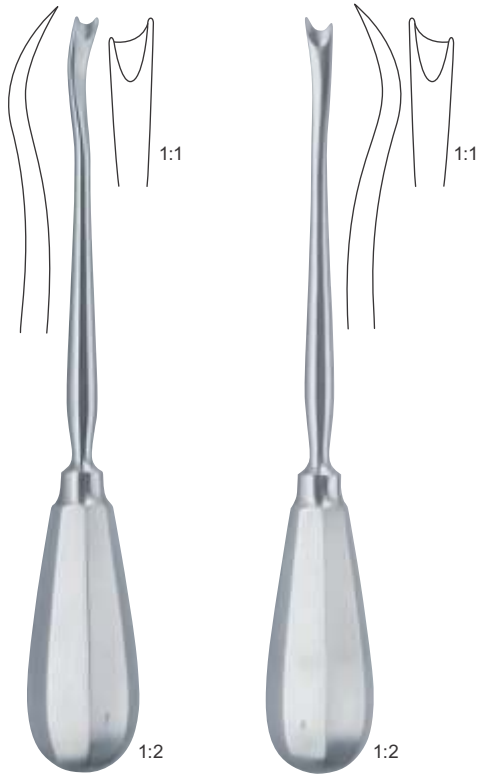
Riester 24569-17



Riester 24570-17

Meniscotomy knives

Surgery

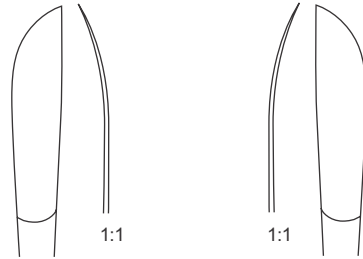


Kanadisches Modell

	Fig. 1	Fig. 2
200mm – 8"	Riester 24571-01	Riester 24571-02



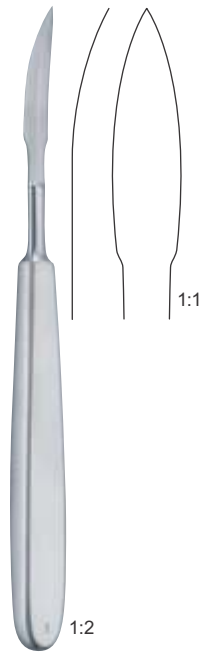
Neff



220mm – 8 3/4"	Riester 24572-01	Riester 24572-02
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left

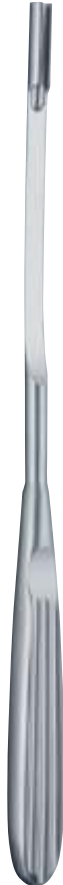
right



180mm – 7"
Riester 24573-18

Tendon strippers

Surgery



	○ 1:1	○ 1:1	○ 1:1
	4.0 mm Ø	4.5 mm Ø	5.5 mm Ø
230 mm – 9"	Riester 24578-40	Riester 24578-45	Riester 24578-55

Malleable shaft

1:2



Bunnell	○ 1:1	○ 1:1	○ 1:1
	Fig. 1	Fig. 2	Fig. 3
150 mm – 6"	Riester 24575-01	Riester 24575-02	Riester 24575-03

○ 1:1	○ 1:1
Fig. 4	Fig. 5
Riester 24575-04	Riester 24575-05

1:2

Tendon strippers

Surgery



Fischer
310 mm – 12¼"
Riester 24580-31



Bunnell
230 mm – 9"
Riester 24582-23
Tendon passer






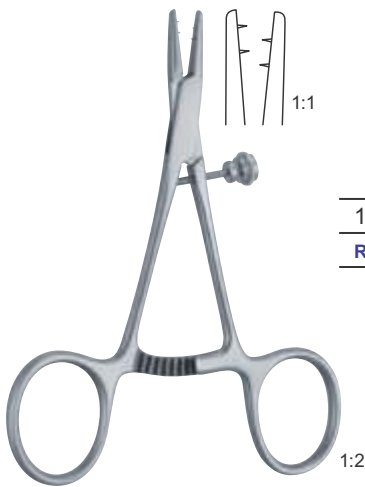
**Kleinert-
Kutz**
200 mm – 8"
20 mm Ø
Riester 24588-20

Tendon holding forceps

Surgery



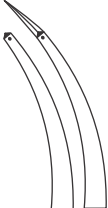


Brand	 1:1	 1:1	 1:1
	150 mm – 6"	190 mm – 7½"	240 mm – 9½"
	Riester 24585-15	Riester 24585-19	Riester 24585-24



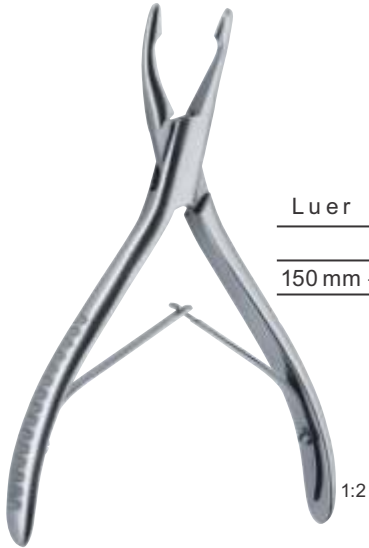
130 mm – 5"
Riester 38724-13





	 1:1	 1:1	 1:1
150 mm – 6"	Riester 24589-15	Riester 24590-15	

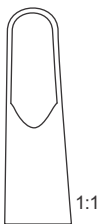
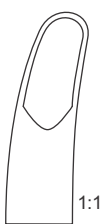
Bone rongeurs

Surgery



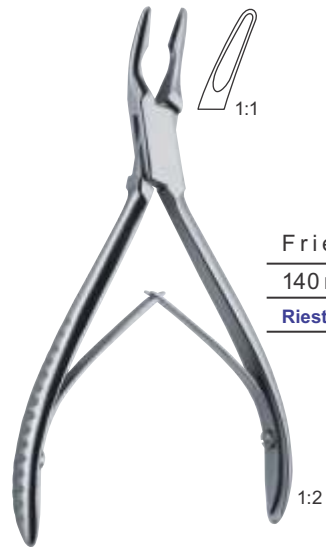
Luer	 1:1	 1:1
	Fig. 1	Fig. 2
150 mm – 6"	Riester 24601-15	Riester 24602-15



Luer	 1:1	 1:1
170 mm – 6 ³ / ₄ "	Riester 24603-17	Riester 24604-17



Mini-Friedmann
120 mm – 4³/₄"
Riester 24605-12






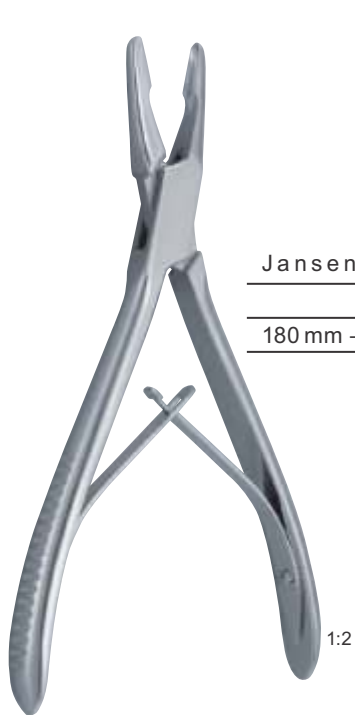
Friedmann
140 mm – 5¹/₂"
Riester 24605-14


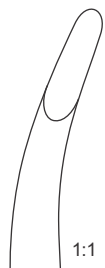
Bone rongeurs

Surgery



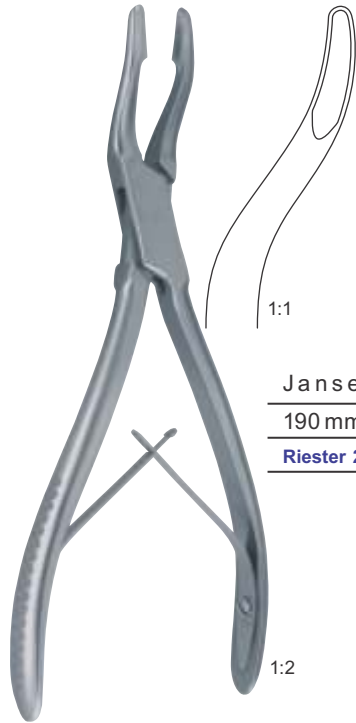
Blumenthal	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3
155 mm – 6"	Riester 24606-01	Riester 24606-02	Riester 24606-03



Jansen	 1:1	 1:1
	Fig. 1	Fig. 2
180 mm – 7"	Riester 24607-01	Riester 24607-02

Bone rongeurs

Surgery



Jansen
190 mm – 7½"
Riester 24608-19



Adson
200 mm – 8"
Riester 24609-20



Bacon
210 mm – 8¼"
Riester 24610-21

Bone rongeurs

Surgery



Lempert

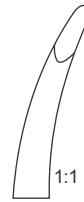
190 mm – 7½"

Riester 24612-19

Riester 24611-19



1:1



1:1



Stellbrink

175 mm – 7"

Riester 24614-01

Riester 24614-02

slightly curved

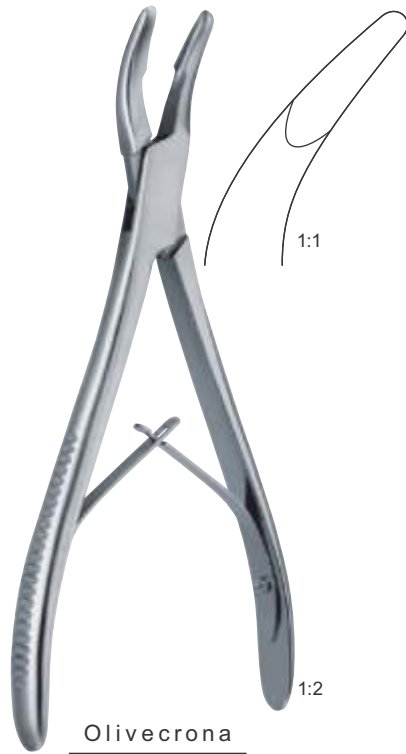
strongly curved



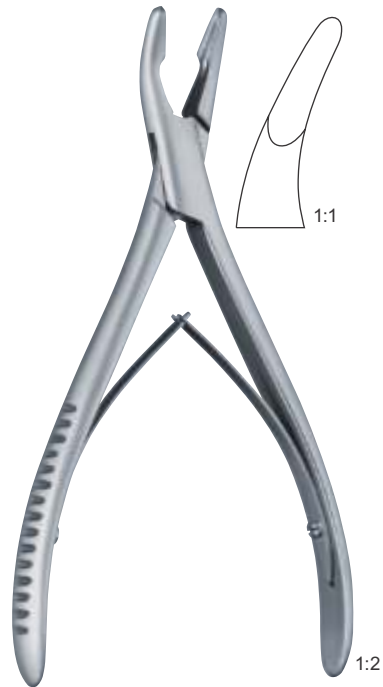
1:1



1:1



Olivecrona
205 mm – 8 "
Riester 24620-20



Hartmann
175 mm – 7 "
Riester 24622-18

Bone rongeurs

Surgery



1:1

Mead

165 mm – 6½"

Riester 24631-16

1:2



1:1

Cleveland

170 mm – 6¾"

Riester 24637-17

1:2



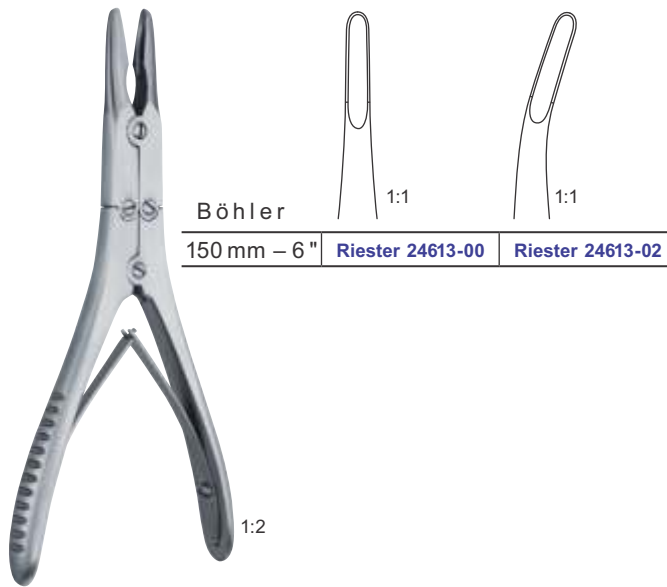
1:1

Cleveland

140 mm – 5½"

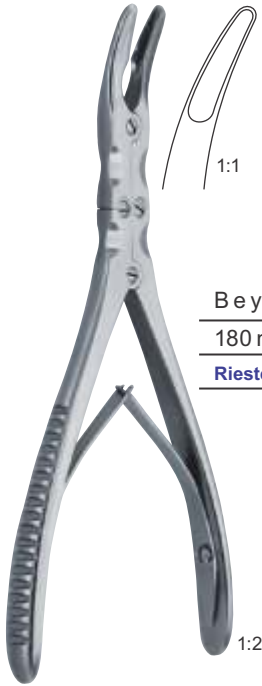
Riester 24635-14

1:2



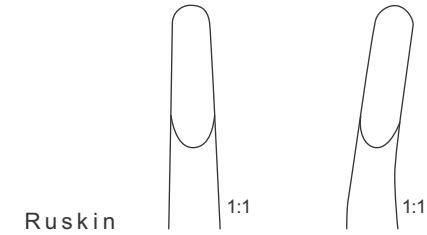
Bone rongeurs

Surgery



Beyer
180 mm – 7"
Riester 24615-18

1:2



Ruskin
180 mm – 7" | Riester 24616-05 | Riester 24616-04



Mayfield
175 mm – 7"
Riester 24627-17

1:2

Bone rongeurs

Surgery

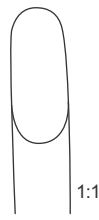


Stille-
Ruskin

230 mm – 9"	Riester 24617-23	Riester 24618-23
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1:1






1:1

1:2



Stille




	 1:1	 1:1	 1:1
	4 mm	6 mm	8 mm
230 mm – 9"	Riester 24619-04	Riester 24619-06	Riester 24619-08

1:2

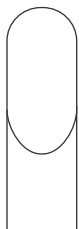

Bone rongeurs

Surgery



Leksell	 1:1	 1:1	 1:1
240 mm – 9½"	Riester 24621-04	Riester 24621-06	Riester 24621-08



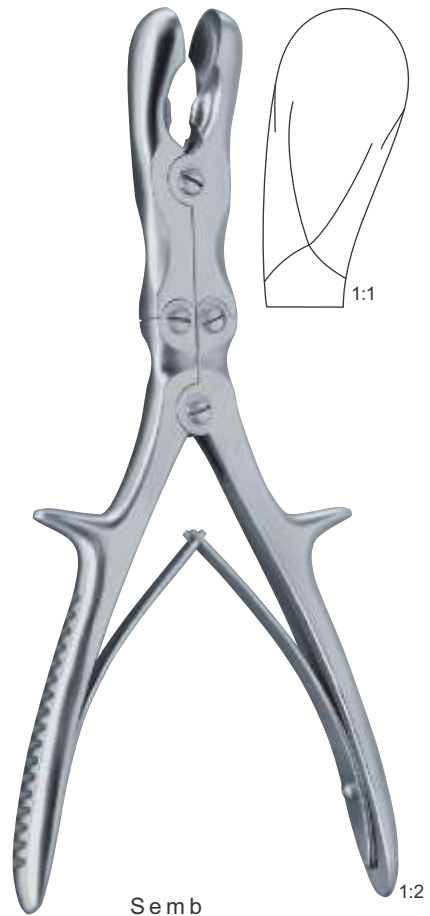
Stille-Luer	 1:1	 1:1
220 mm – 8¾"	Riester 24624-22	Riester 24625-22



Röntgen-
Ruskin

230 mm – 9"

Riester 24629-23



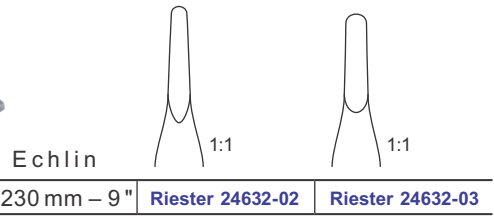
Semb

240 mm – 9½"

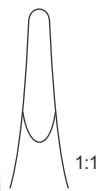
Riester 24630-23

Bone rongeurs

Surgery



Echlin
230 mm – 9" | Riester 24632-02 | Riester 24632-03


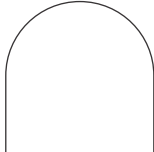


Frykholm
240 mm – 9½" | Riester 24634-24

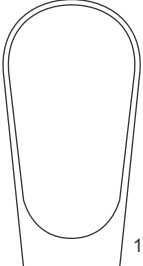
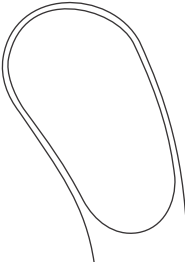
Bone rongeurs

Surgery



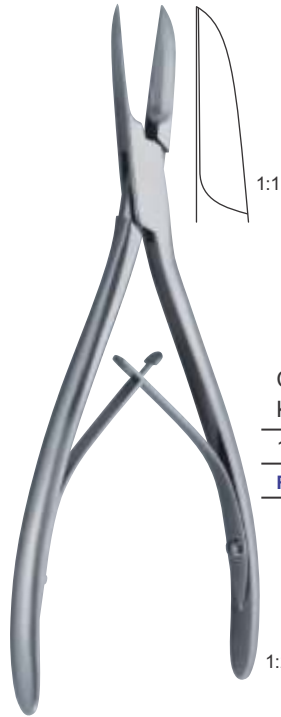
Sauerbruch	 1:1	 1:1
	Fig. 1	Fig. 2
300 mm – 12"	Riester 24633-01	Riester 24633-02



Luer-Stille	 1:1	 1:1
270 mm – 10 ³ / ₄ "	Riester 24646-27	Riester 24647-27

Bone cutting forceps

Surgery



Cottle-
Kazanjian
190 mm – 7½"
Riester 24649-19



Liston

140 mm – 5½"	Riester 24650-14	Riester 24651-14
170 mm – 6¾"	Riester 24650-17	Riester 24651-17
190 mm – 7½"	Riester 24650-19	Riester 24651-19
220 mm – 8¾"	Riester 24650-22	Riester 24651-22

Bone cutting forceps

Surgery

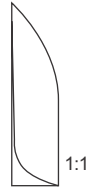


Böhler

150 mm – 6"

Riester 24654-15

Riester 24655-15

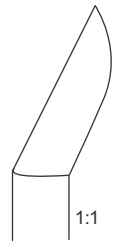
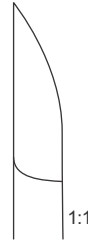


Ruskin-Liston

185 mm – 7 1/4"

Riester 24660-18

Riester 24661-18



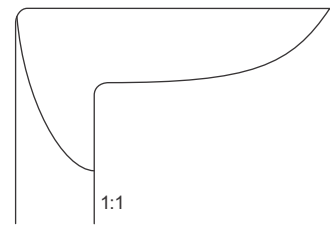
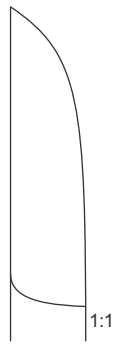
Stille-Liston

270 mm – 10 3/4"

Riester 24670-27

Riester 24671-27

Riester 24673-27



Bone cutting forceps

Surgery



Bone holding clamps - Bone holding forceps

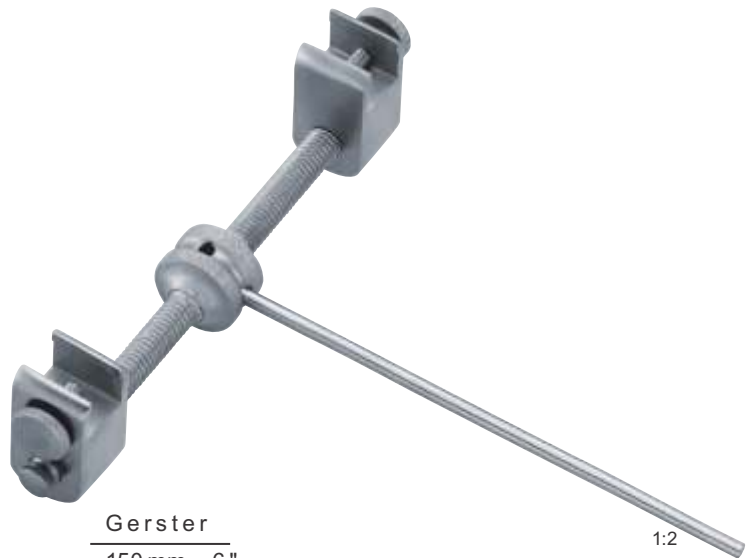
Surgery



1:2

Gerster-Lowmann

180 mm – 7"	x = 28 mm	Riester 24696-18
200 mm – 8"	x = 35 mm	Riester 24696-20
220 mm – 8¾"	x = 40 mm	Riester 24696-22



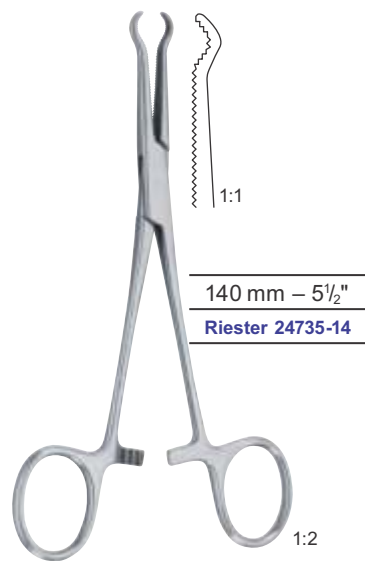
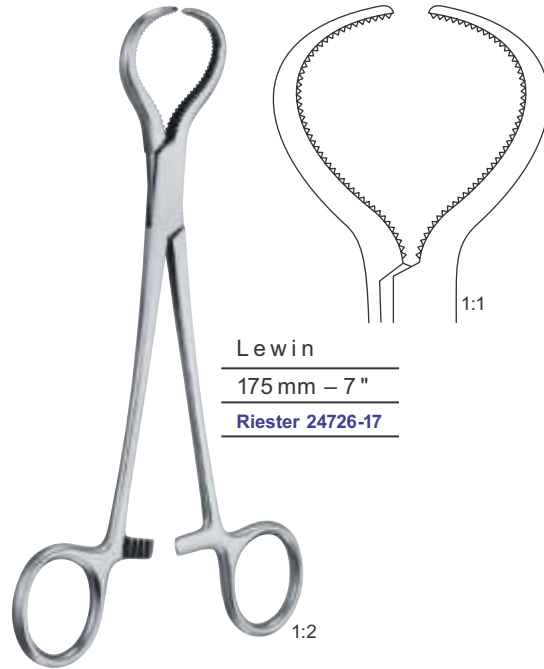
1:2

Gerster

150 mm – 6"	Riester 24698-00
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Bone holding forceps - Reposition forceps

Surgery

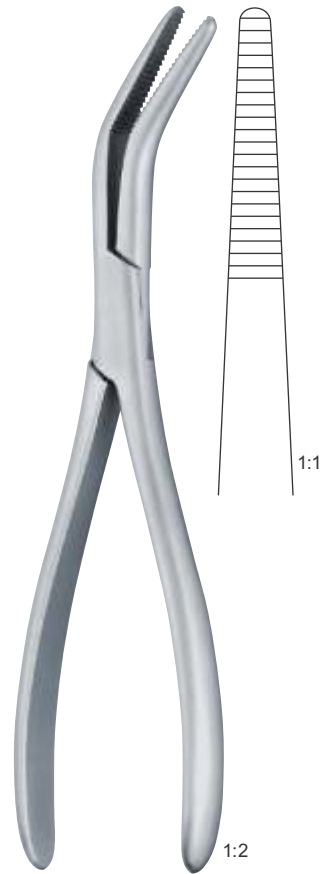


Bone holding forceps - Reposition forceps

Surgery



Fergusson
210 mm – 8 1/4"
Riester 24700-21



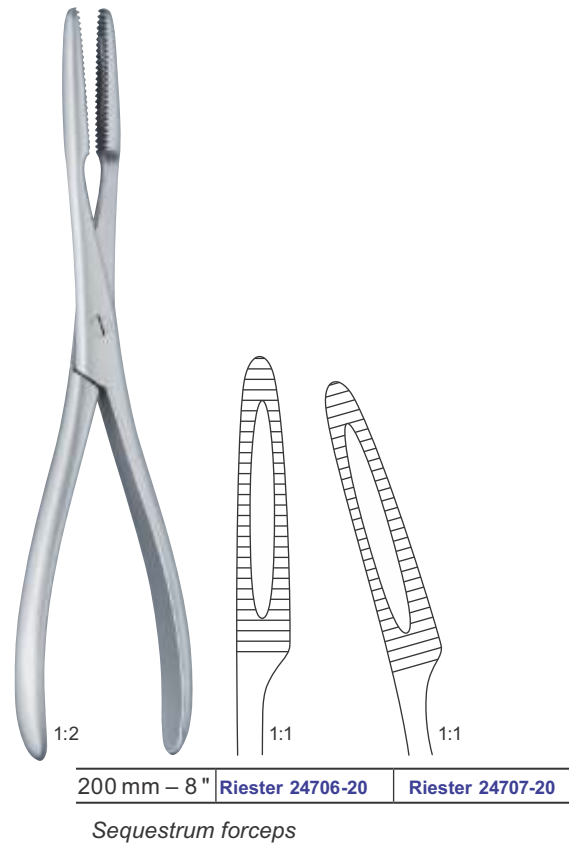
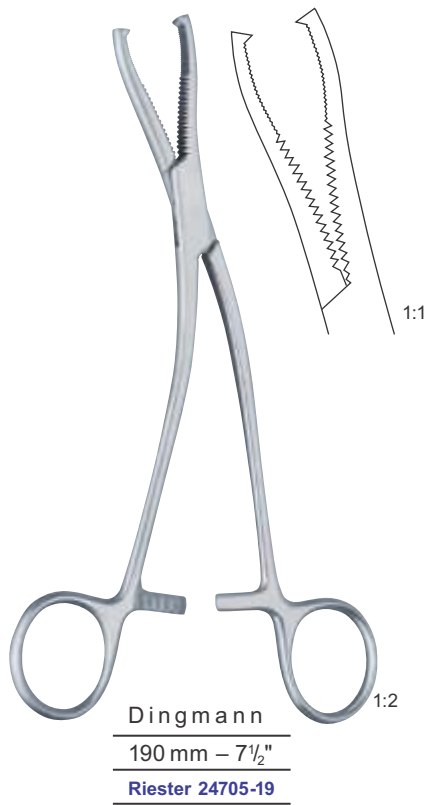
Van Buren
230 mm – 9"
Riester 24701-23



Langenbeck
210 mm – 8 $\frac{1}{4}$ "
Riester 24702-21



Semb
190 mm – 7 $\frac{1}{2}$ "
Riester 24704-19





Farabeuf

230 mm – 9"	Riester 24709-23
260 mm – 10¼"	Riester 24709-26



Farabeuf-Lambotte

260 mm – 10¼"	Riester 24710-26
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Bone holding forceps

Surgery

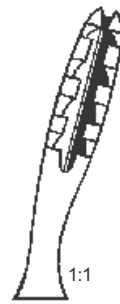


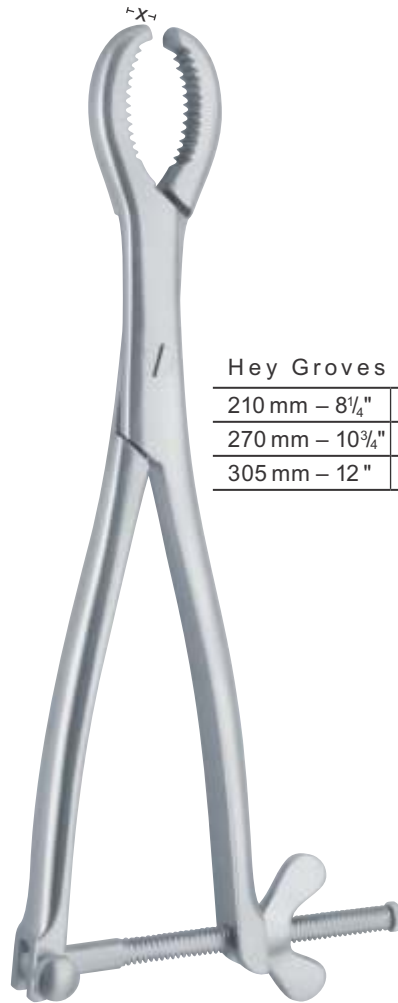
Martin
190 mm – 7 1/2"
Riester 24712-19



Bircher-Ganske

200 mm – 8" Riester 24713-20 Riester 24714-20





Hey Groves

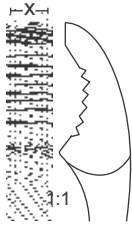
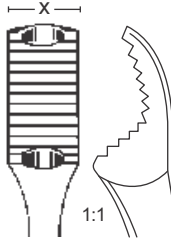
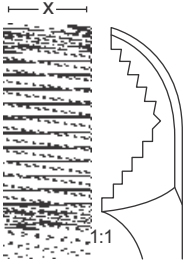
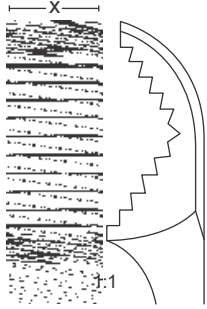
210 mm – 8 $\frac{1}{4}$ "	x = 6.5 mm	Riester 24724-21
270 mm – 10 $\frac{3}{4}$ "	x = 7.5 mm	Riester 24724-27
305 mm – 12"	x = 8.5 mm	Riester 24724-30

Bone holding forceps

Surgery



Verbrugge

			
175 mm – 7"	250 mm – 10"	260 mm – 10 ¹ / ₄ "	270 mm – 10 ³ / ₄ "
x = 5.0 mm	x = 9.5 mm	x = 10.5 mm	x = 12.0 mm
Riester 24730-17	Riester 24730-25	Riester 24730-26	Riester 24730-27

Bone holding forceps

Surgery



Kern

170 mm – 6¾"	Riester 24720-17	Riester 24721-17
210 mm – 8¼"	Riester 24720-21	Riester 24721-21

Bone holding forceps

Surgery



Lane

330 mm – 13"	Riester 24722-33	Riester 24723-33
450 mm – 17 ³ / ₄ "	Riester 24722-45	Riester 24723-45

Bone holding forceps

Surgery



Lambotte

220 mm – 8 ³ / ₄ "	Riester 24732-22
270 mm – 10 ³ / ₄ "	Riester 24732-27
300 mm – 12"	Riester 24732-30

one jaw mobile

150 mm – 6"	x = 2.5 mm	Riester 24733-15
190 mm – 7 ¹ / ₂ "	x = 6.5 mm	Riester 24733-00
240 mm – 9 ¹ / ₂ "	x = 9.5 mm	Riester 24733-01
260 mm – 10 ¹ / ₄ "	x = 10.0 mm	Riester 24733-02
280 mm – 11"	x = 11.0 mm	Riester 24733-03

self-centering

Bone holding forceps

Surgery



Ulrich

230 mm – 9 "	Riester 24736-23	Riester 24737-23
250 mm – 9 3/4 "	Riester 24736-25	Riester 24737-25
280 mm – 11 "	Riester 24736-28	Riester 24737-28

angular



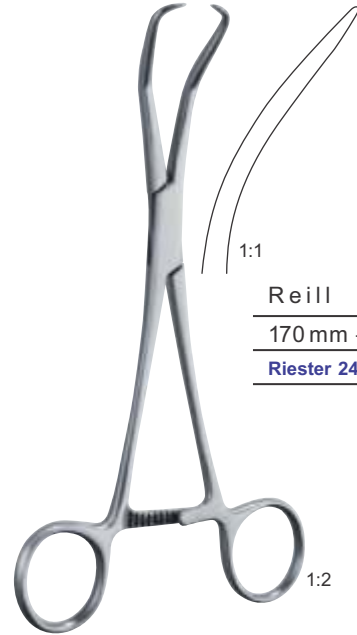
160 mm – 6 1/4 "	Riester 24738-16
240 mm – 9 1/2 "	Riester 24738-24

Bone holding forceps - Reposition forceps

Surgery



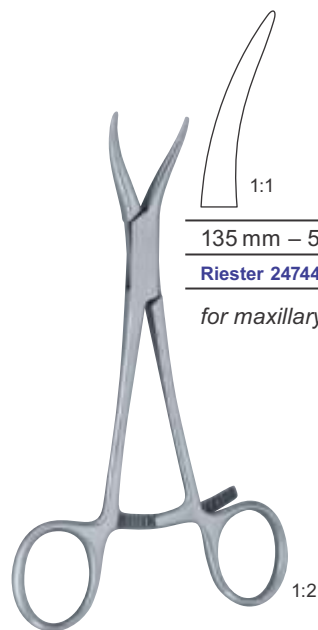
135 mm – 5¼"
Riester 24734-14



Reill
170 mm – 6¾"
Riester 24741-17



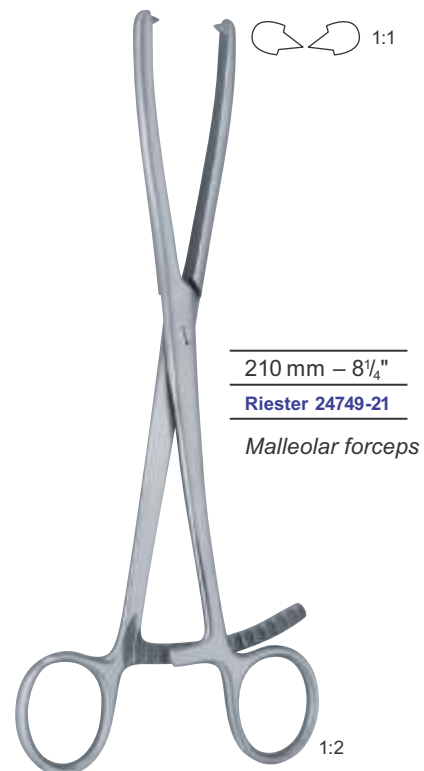
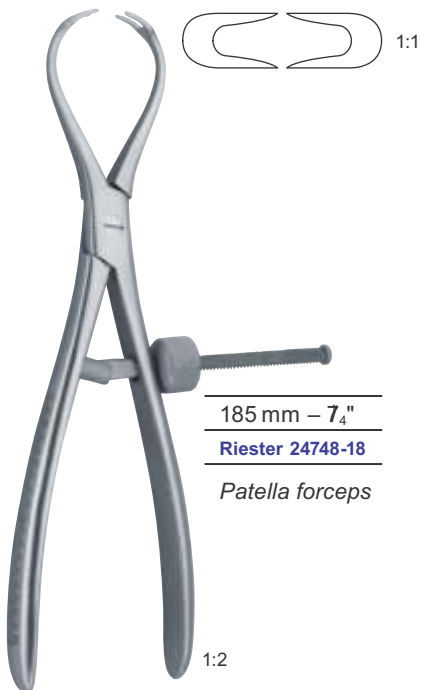
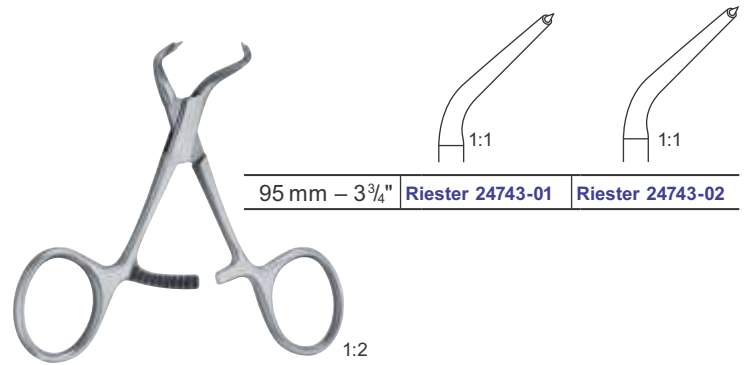
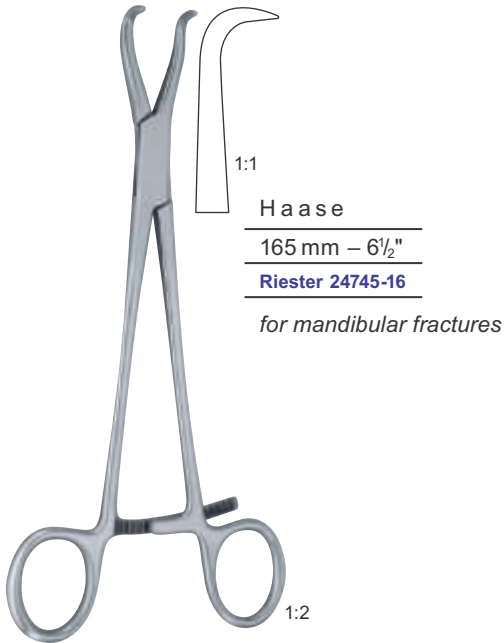
200 mm – 8"
Riester 24742-20



135 mm – 5¼"
Riester 24744-13
for maxillary reposition

Reposition forceps

Surgery





Demel	280 mm – 11 "
x = 32 mm	Riester 38517-01
x = 45 mm	Riester 38517-02
x = 62 mm	Riester 38517-03



Demel	280 mm – 11 "
	Riester 38518-28



Loupe
210 mm – 8 1/4"
Riester 38520-21



130 mm – 5"
Riester 38532-13



0.2 mm Ø	Riester 38550-02
0.3 mm Ø	Riester 38550-03
0.4 mm Ø	Riester 38550-04
0.5 mm Ø	Riester 38550-05
0.6 mm Ø	Riester 38550-06
0.7 mm Ø	Riester 38550-07
0.8 mm Ø	Riester 38550-08
0.9 mm Ø	Riester 38550-09
1.0 mm Ø	Riester 38550-10
1.2 mm Ø	Riester 38550-12
1.5 mm Ø	Riester 38550-15

Bone wire, soft, in coils of 10



0.8 mm Ø x 280 mm	Riester 38552-08
1.0 mm Ø x 280 mm	Riester 38552-10
1.2 mm Ø x 280 mm	Riester 38552-12
1.0 mm Ø x 600 mm	Riester 38553-10
1.2 mm Ø x 600 mm	Riester 38553-12

Bone wire with eye, soft, package of 10 pieces

Wire cutting forceps

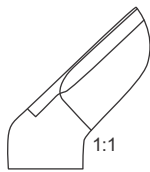
Surgery



220 mm – 8³/₄"

Riester 38561-22 tucar

for hard wires up to 2.2 mm Ø, for soft wires up to 3 mm Ø



1:1

1:2



1:2

220 mm – 8³/₄"

Riester 38554-22 tucar

for hard wires up to 2.2 mm Ø, for soft wires up to 2.8 mm Ø



1:2

230 mm – 9"

Riester 38554-23 tucar

for hard wires up to 2.2 mm Ø, for soft wires up to 3 mm Ø

Wire cutting forceps

Surgery



180 mm – 7"

Riester 38555-18 tucar

for hard wires up to 1.5 mm Ø, for soft wires up to 2 mm Ø



180 mm – 7"

Riester 38557-18 tucar

for hard wires up to 1.7 mm Ø, for soft wires up to 2 mm Ø



150 mm – 6"

Riester 38556-15 tucar

for hard wires up to 1 mm Ø, for soft wires up to 1.5 mm Ø



145 mm – 5³/₄"

Riester 38561-14 tucar

for hard wires up to 1 mm Ø

Wire cutting forceps

Surgery



570 mm – 22½" | **Riester 38558-57**

for Kirschner wires and Steinmann pins up to 6 mm Ø

Wire cutting forceps

Surgery



1:2

185 cm – 7¼" | **Riester 38560-04**

Wire cutting forceps for hard wires up to 1.6mm Ø



1:2

260 mm – 10¼" | **Riester 38560-26 tucur**

for hard wires up to 3 mm Ø



130 mm – 5 "	Riester 38562-13
180 mm – 7 "	Riester 38562-18



140 mm – 5½"	Riester 38563-14
170 mm – 6¾"	Riester 38563-17



	180 mm – 7 "	180 mm – 7 "
x = 5 mm	Riester 38564-05	Riester 38571-05 tuca
x = 7 mm	Riester 38564-07	Riester 38571-07 tuca



170 mm – 6¾"
Riester 38565-17



220 mm – 8¾" | Riester 38565-22 tucar
Grip forceps, combined with TC-Cutter



190 mm – 7½" | Riester 38565-19
Technical forceps, adjustable



185 mm – 7 1/4" | **Riester 38569-17**

Wire bending forceps



185 mm – 7 1/4" | **Riester 38569-01**

Flat nose plier, parallel grip, incorporated cutter, for hard wires up to 1.6mm Ø



180 mm – 7" | **Riester 38573-18**

200 mm – 8" | **Riester 38573-20**

240 mm – 9 1/2" | **Riester 38573-24**

Locking plier



220 mm – 8 ³ / ₄ "	Riester 38573-05
250 mm – 9 ³ / ₄ "	Riester 38573-03
300 mm – 12"	Riester 38573-04

Locking plier, only

300 mm – 12"	Riester 38573-08
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Locking plier with holding pins

460 mm – 18"	Riester 38573-09
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Locking plier with extraction device

1:2



200 mm – 8" | **Riester 38573-01**

Plate bending plier for plates up to 2.7 mm

240 mm – 9½" | **Riester 38573-02**

Plate bending plier for plates up to 4 mm

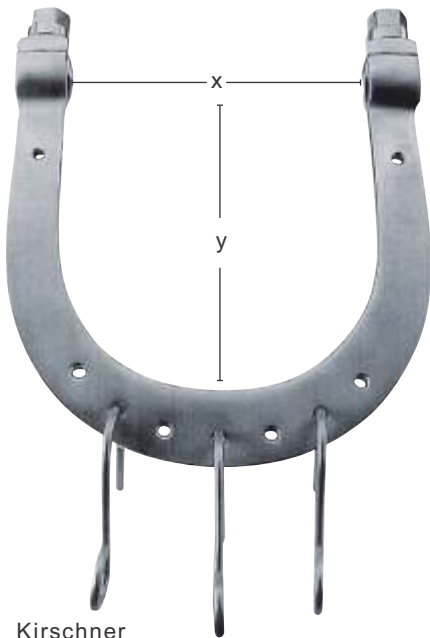
Extension bows

Surgery



Riester 38583-1 180 mm – 7"

Wire strainer for Kirschner wires



Kirschner

x = 95 mm y = 70 mm	Riester 38580-01
x = 100 mm y = 100 mm	Riester 38580-02
x = 120 mm y = 120 mm	Riester 38580-03
x = 155 mm y = 155 mm	Riester 38580-04
x = 200 mm y = 155 mm	Riester 38580-05

with 3 traction hooks



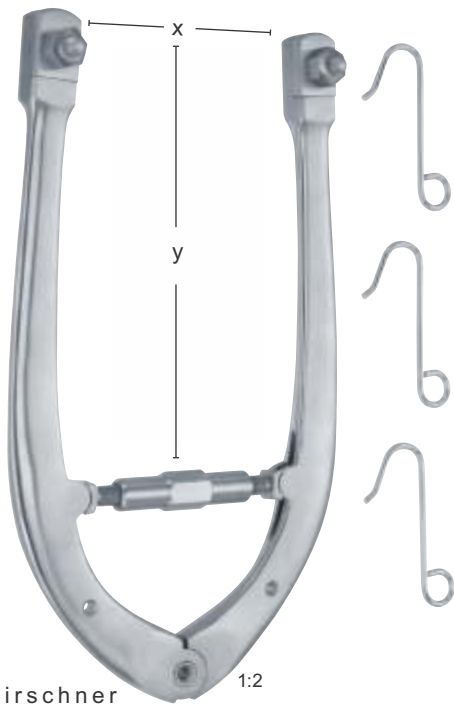
Kirschner

x = 130 mm	Riester 38581-01
x = 185 mm	Riester 38581-02
x = 220 mm	Riester 38581-03

with 3 traction hooks

Extension bows

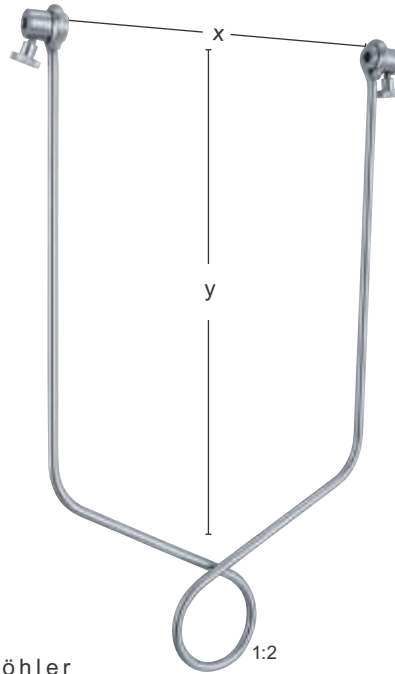
Surgery



Kirschner 1:2

x = 180 mm	y = 100 mm	Riester 38582-01
x = 270 mm	y = 160 mm	Riester 38582-02

with 3 traction hooks



Böhler 1:2

x = 75 mm	y = 90 mm	Riester 38596-75
x = 90 mm	y = 160 mm	Riester 38597-90
x = 110 mm	y = 210 mm	Riester 38598-11
x = 150 mm	y = 210 mm	Riester 38598-21



1:2

	14 mm / 17 mm
190 mm - 7 1/2"	Riester 38584-19

Wrench

Amputation retractor - Comprimeter

Surgery



Percy

Riester 38599-00

1:3

Handles detachable, simple pattern



Riester 4720-00

Comprimeter, consisting of arm and upper tight cuff, manometer calibrated up to 700 mm Hg, with metal pump

Hand drills

Surgery



Leichtmetallgehäuse
Light metal housing
Carcasse en métal léger
Carcasa en metal ligero
In scatola di alluminio

Längsdurchbohrt
Longitudinally cannulated
À perforation axiale
Taladrado longitudinalmente
Forato longitudinalmente

Bunell

160 mm – 6¼"	Riester 24860-00	Riester 24860-01
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Opening up to 4 mm Ø

Spare key for Riester 24860-00



Ralk

160 mm – 6¼"	Riester 24862-00
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Opening up to 6.35 mm Ø

Light metal housing

Longitudinally cannulated

Hand drills

Surgery



Stille

200 mm – 8"

Riester 24855-00

complete with 9 twist drills (Fig. 1 – Fig. 9)

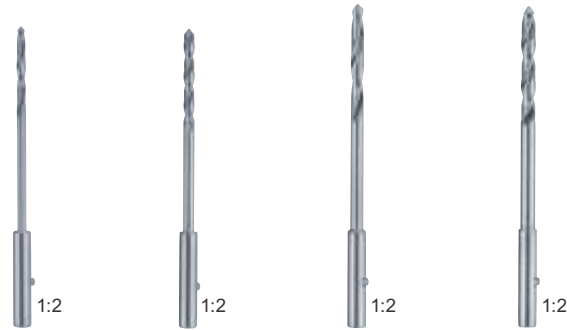


Fig. 1	Fig. 2	Fig. 3	Fig. 4
2.5 mm Ø	3.0 mm Ø	3.5 mm Ø	4.0 mm Ø
Riester 24855-01	Riester 24855-02	Riester 24855-03	Riester 24855-04



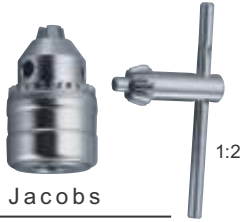
Fig. 7	Fig. 8	Fig. 9
8.0 mm Ø	12.0 mm Ø	16.0 mm Ø
Riester 24855-07	Riester 24855-08	Riester 24855-09



Fig. 10	Fig. 11	Fig. 12
1.0 mm Ø	1.5 mm Ø	2.0 mm Ø
Riester 24855-10	Riester 24855-11	Riester 24855-12

Hand drills

Surgery



Jacobs

280 mm – 11 "

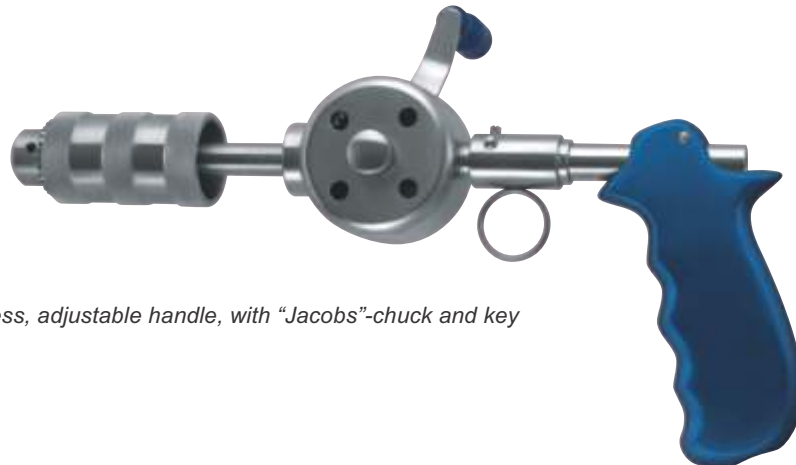
Riester 24864-06

Opening up to 6.35 mm Ø



Riester 24859-06

Opening up to 6.35 mm Ø



280 mm – 11 "

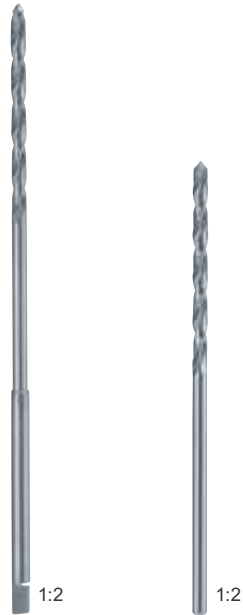
Riester 24863-00

Hand drill, stainless, adjustable handle, with "Jacobs"-chuck and key

1:3

Twist drills - Reamers

Surgery



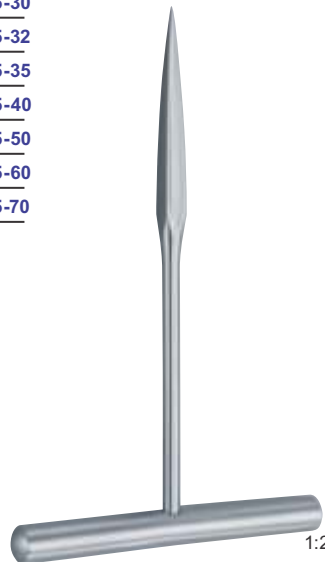
1.0 mm Ø		Riester 24885-10
1.5 mm Ø		Riester 24885-15
2.0 mm Ø	Riester 24880-20	Riester 24885-20
2.5 mm Ø	Riester 24880-25	Riester 24885-25
2.8 mm Ø		Riester 24885-28
3.0 mm Ø	Riester 24880-30	Riester 24885-30
3.2 mm Ø	Riester 24880-32	Riester 24885-32
3.5 mm Ø	Riester 24880-35	Riester 24885-35
4.0 mm Ø	Riester 24880-40	Riester 24885-40
5.0 mm Ø	Riester 24880-50	Riester 24885-50
6.0 mm Ø	Riester 24880-60	Riester 24885-60
7.0 mm Ø	Riester 24880-70	Riester 24885-70

AO shank Round shank



Perthes

180 mm – 7"	Riester 24899-18
210 mm – 8 1/4"	Riester 24899-21



140 mm – 5 1/2"
Riester 24864-14



140 mm – 5 1/2"
Riester 24898-14

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.

Manufacturing Process

Tungsten Carbide Department

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.

Coating Department

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.

Passivation 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.

Sandblasting Department

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

Stamping/Etching

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.

Quality Control

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.

Labeling and Packing

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.

Warehouse

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.



Riester
SURGICAL 8539628



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