



LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments



**INSTRUMENTS SAVE LIVES SO
WE RECOMMEND USE QUALITY INSTRUMENTS**

Bone Surgery



LAPA MASTER INDUSTRY

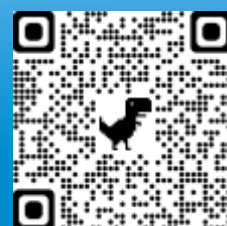
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LAPA MASTER INDUSTRY

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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 in Pakistan since 1908. This is our family business and we are the 3rd generation in this field.

Introduction

Lapa Master Industry 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

Lapa Master Industry 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

Lapa Master Industry 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 Lapa Master Industry for a longer period of time.



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About Us

Lapa Master Industry Instruments holds 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. Lapa Master Industry that are stainless steel require periodic sharpening. 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 support staff is happy to assist you in any way even if you are looking for something not in our range of products, we will do our best to help you.

Terms & Condition

Processing of Ordered Goods: Once the contract is finalized, we start manufacturing 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

This supplier also supports L/C, D/P, T/T, Western Union, Money Gram payments for conformed orders. We prefer 70% In Advance and the remaining 30% on completion of the goods but before shipment. The goods will remain the property of Lapa Master Industry the total amount of order is paid in full. We also 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 receipt of goods. 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



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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

Lapa Master Industry

are 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



LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

User Manual

Lapa Master Industry 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 Lapa Master Industry 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 Lapa Master Industry stands for today: world-class products and services for our customers.

INNOVATION

At Lapa Master Industry 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

Lapa Master Industry'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 Lapa Master Industry, 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

Lapa Master Industry 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.



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User Manual

Lapa Master Industry 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 Lapa Master Industry. 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. Lapa Master Industry 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. Lapa Master Industry Instruments that are stainless steel require periodic sharpening. 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



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User Manual

"Red Brochure" of the www.lapamasterind.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.



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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.

Lapa Master Industry cannot provide any guarantee whether the instruments are suitable for the respective intervention. This has to be determined by the user.

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

Yours very sincerely,

Management and Staff Lapa Master Industry
Lapa Master Industry Product Launches



LAPA MASTER INDUSTRY

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Amputation and resection saws

Surgery



Charrière

350 mm – 13³/₄"

[LMI 24001-35](#)



12 mm

[LMI 24001-12](#)

15 mm

[LMI 24001-15](#)

Spare saw blades



Helferich-Bier

390 mm – 15¹/₂"

[LMI 24002-39](#)



3 mm

[LMI 24002-03](#)

5 mm

[LMI 24002-05](#)

7 mm

[LMI 24002-07](#)

Spare saw blades



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Amputation and resection saws

Surgery



1:2

Satterlee

310 mm – 12 1/4"

[LMI 24003-31](#)



1:2

Langenbeck

230 mm – 9"

[LMI 24004-23](#)



Charrière

270 mm – 10 3/4"

[LMI 24005-27](#)

300 mm – 12"

[LMI 24005-30](#)

340 mm – 13 1/2"

[LMI 24005-34](#)

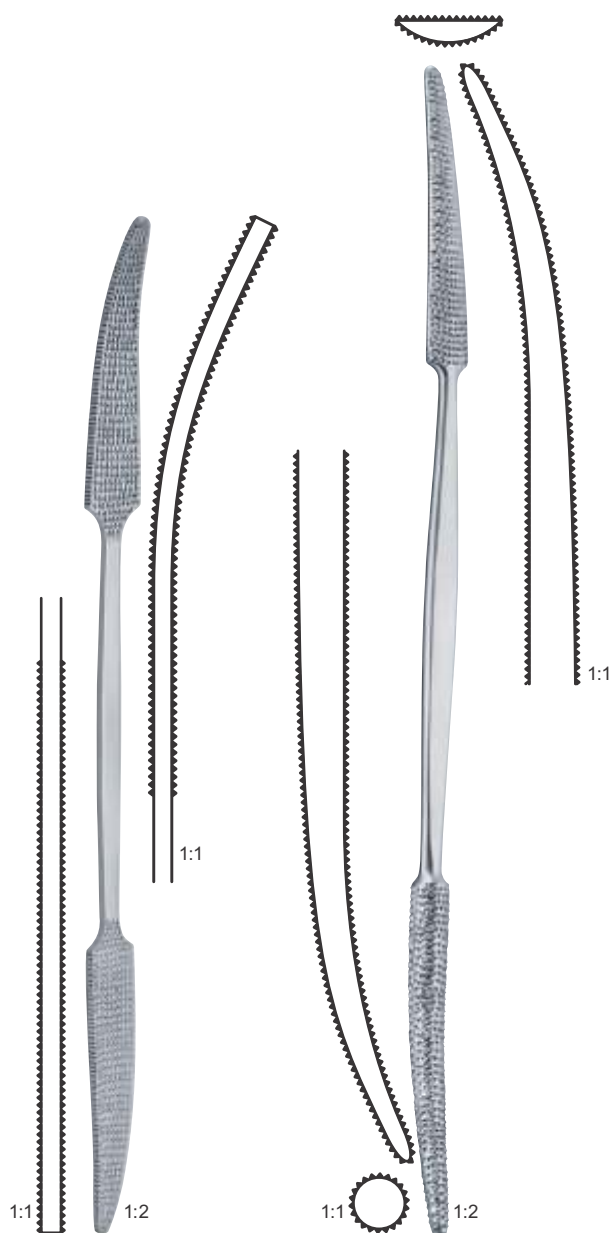


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Rasps, files

Surgery



Putti

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



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

Mallets

Surgery



Doyen

	195 mm – 7 ³ / ₄ "
25 mm Ø – 120 g	LMI 24025-21
30 mm Ø – 180 g	LMI 24030-21
35 mm Ø – 260 g	LMI 24035-21



Collin

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

1:2



Hajek

215 mm – 8 ¹ / ₂ "
27 mm Ø – 140 g
LMI 24047-21

1:2



Kirk

190 mm – 7 ¹ / ₂ "
38 mm Ø – 750 g
LMI 24040-19

1:2

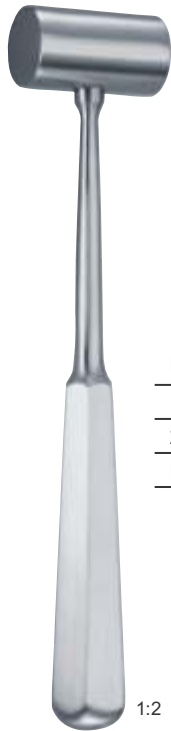


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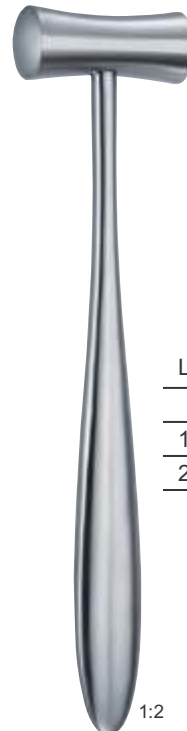
Mallets

Surgery



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

1:2



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

1:2



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Mallets

Surgery



1:2

Bergmann

245 mm – 9³/₄"

45 mm Ø – 300 g

[LMI 24043-24](#)



1:2

Ombredanne

240 cm – 9¹/₂"

40 mm Ø – 550 g

[LMI 24041-24](#)



Heath

40 mm Ø – 700 g

45 mm Ø – 1000 g

180 mm – 7"

200 mm – 8"

[LMI 24044-18](#)

[LMI 24044-20](#)

Copper filled head



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Mallets

Surgery



1:2

190 mm – 7½"

250 mm Ø – 205 g

LMI 24056-19

Solid steel, with plastic faces

LMI 24056-90

Spare faces, 1 pair



1:2

Cottle

185 mm – 7¼"

30 mm Ø – 240 g

LMI 50581-19

1 side flat / 1 side convex



Williger

240 mm – 9½"

28 mm Ø – 340 g

30 mm Ø – 400 g

LMI 24042-28

LMI 24042-30

lead filled



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Mallets

Surgery



1:2

Williger

165 mm – 6½"

20 mm Ø – 140 g

LMI 24055-16



1:2

Mead

170 mm – 6¾"

26 mm Ø – 320 g

LMI 24050-17

Steel solid, with plastic faces

LMI 24050-90

Spare faces, 1 pair



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Mallets

Surgery



1:2

225 mm – 8 $\frac{3}{4}$ "

37 mm Ø – 370 g

LMI 24052-22

Head solid steel, with Ferrozell faces

LMI 24052-90

Spare faces, 1 pair



1:2

240 mm – 9 $\frac{1}{2}$ "

30 mm Ø – 480 g

LMI 24059-24

Head solid steel, Ferrozell handle



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Mallets

Surgery



1:2

	42 mm Ø – 250 g	42 mm Ø – 400 g
260 mm – 10 $\frac{1}{4}$ "	LMI 24045-26	LMI 24046-26

Ferrozell, without lead Plastic, lead filled



1:2

	30 mm Ø – 450 g	50 mm Ø – 900 g
265 mm – 10 $\frac{1}{2}$ "	LMI 24054-01	LMI 24054-02

Bone chisels and gouges

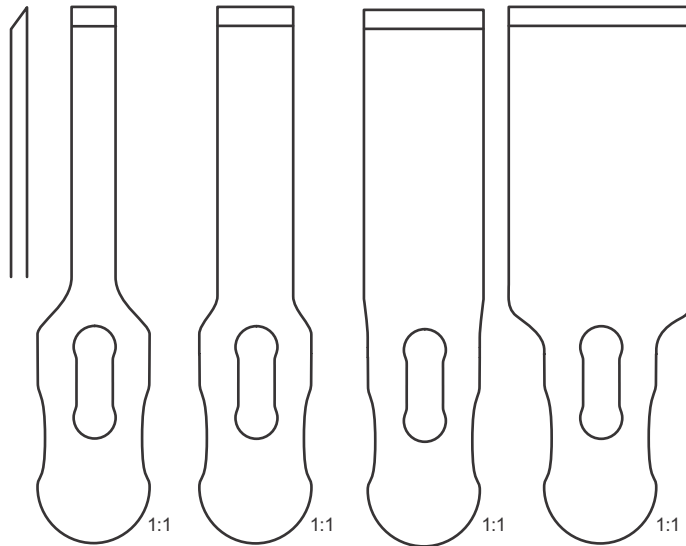
Surgery



1:2

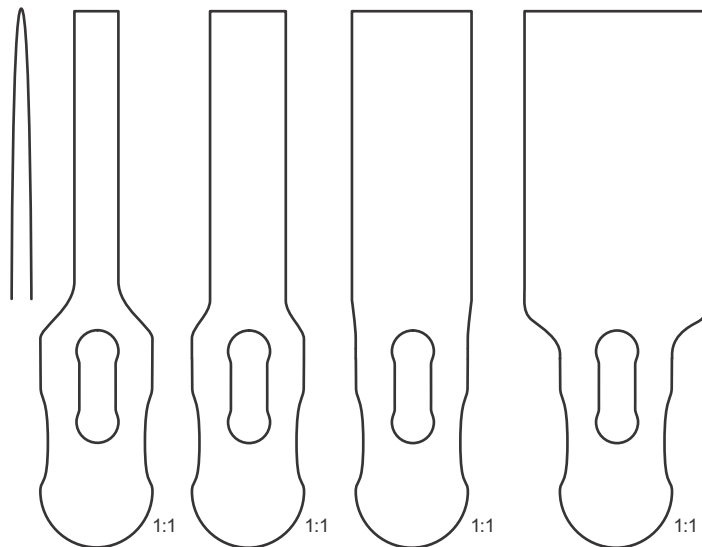
185 mm – 7 1/4"

LMI 24084-00



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

Chisel blades, interchangeable



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

Osteotome blades, interchangeable



1:2

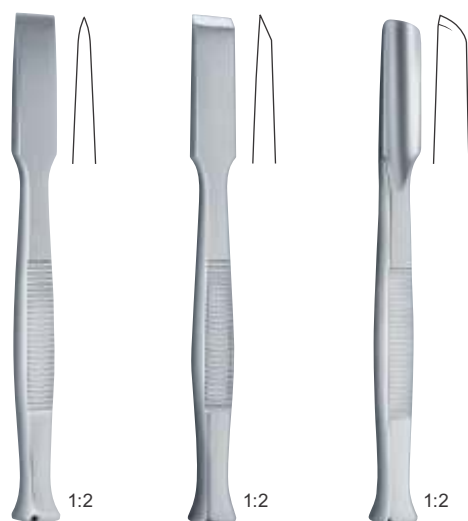
90 mm – 3 1/2"

LMI 24084-01

Key

Bone chisels and gouges

Surgery



	135 mm – 5 1/4"	135 mm – 5 1/4"	135 mm – 5 1/4"
8 mm	LMI 24060-08	LMI 24062-08	LMI 24064-08
10 mm	LMI 24060-10	LMI 24062-10	LMI 24064-10
12 mm	LMI 24060-12	LMI 24062-12	LMI 24064-12
14 mm	LMI 24060-14	LMI 24062-14	LMI 24064-14
16 mm	LMI 24060-16	LMI 24062-16	LMI 24064-16



Lucas	160 mm – 6 1/4"	160 mm – 6 1/4"
3 mm		LMI 24228-03
4 mm	LMI 24227-04	LMI 24228-04
5 mm		LMI 24228-05
6 mm	LMI 24227-06	LMI 24228-06

Chisel Gouge



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

Bone chisels and gouges

Surgery



Partsch

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



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

Bone chisels and gouges

Surgery



Lambotte

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



Mini-Lambotte

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

Bone chisels and gouges

Surgery



Lexer

	220 mm – 8 $\frac{3}{4}$ "	300 mm – 12"	220 mm – 8 $\frac{3}{4}$ "	300 mm – 12"
7 mm	LMI 24096-07	LMI 24088-07	LMI 24097-07	LMI 24089-07
10 mm	LMI 24096-10	LMI 24088-10	LMI 24097-10	LMI 24089-10
15 mm	LMI 24096-15	LMI 24088-15	LMI 24097-15	LMI 24089-15
20 mm	LMI 24096-20	LMI 24088-20	LMI 24097-20	LMI 24089-20
25 mm	LMI 24096-25	LMI 24088-25	LMI 24097-25	LMI 24089-25
30 mm	LMI 24096-30	LMI 24088-30	LMI 24097-30	LMI 24089-30

Ferrozell handle



Mini-Lexer

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

Ferrozell handle



Bone chisels and gouges

Surgery



Stille

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

1:2



Bone chisels and gouges

Surgery



1:2



Smith-Petersen

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



Bone chisels and gouges

Surgery



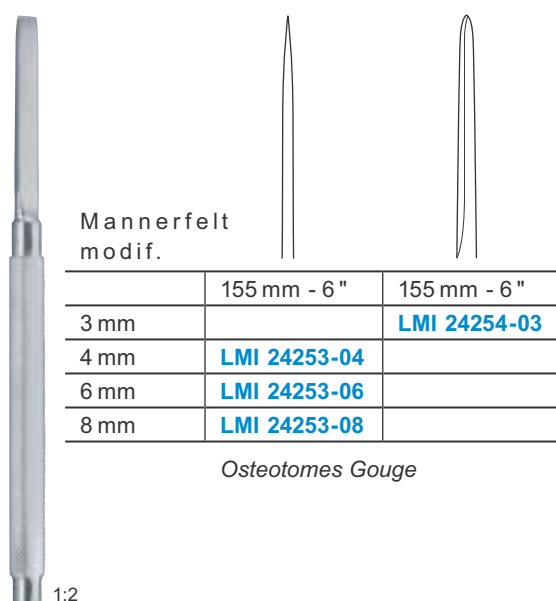
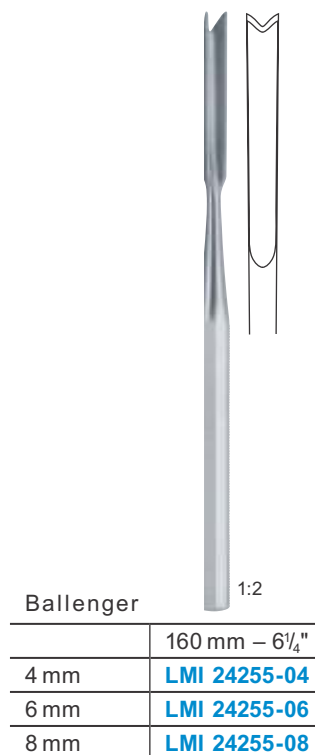
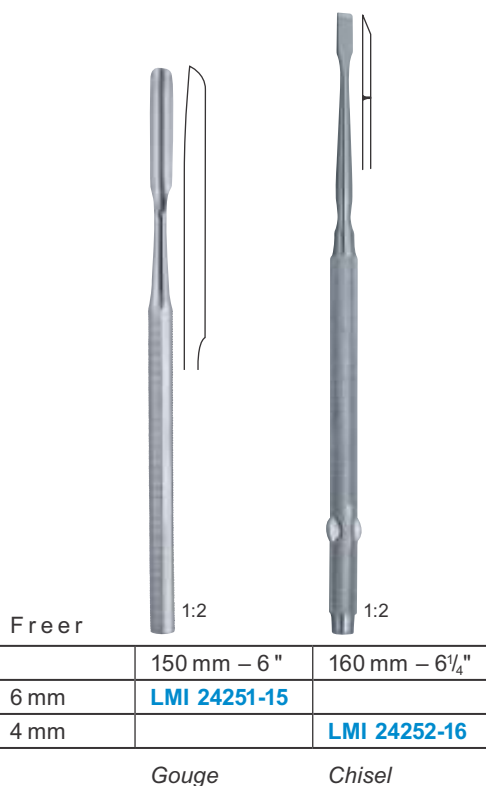
Hibbs

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

1:2






Bone chisels and gouges


Surgery



Chisels, osteotomes for rhinoplastic

Surgery

									
Kilian		Kilian-Claus		Cottle		Cottle		Cottle	
160 mm – 6 1/4"		160 mm – 6 1/4"		150 mm – 6"		190 mm – 7 1/2"		180 mm – 7"	
5 mm		5 mm		7 mm		4 mm			
LMI 24261-16		LMI 24263-16		12 mm		6 mm		LMI 24277-06	

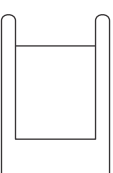
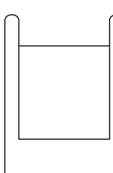
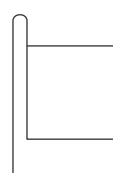
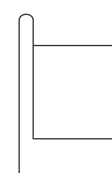
					
Fomon					
	4 mm	5 mm	6 mm	7 mm	8 mm
170 mm – 6 3/4"	LMI 24278-04	LMI 24278-05	LMI 24278-06	LMI 24278-07	LMI 24278-08

Chisels, osteotomes for rhinoplastic

Surgery







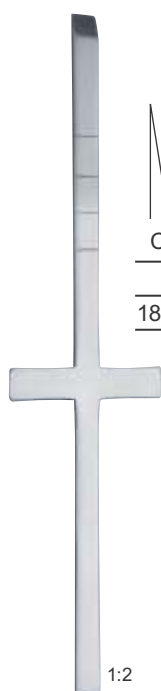
1:2

Cinelli				
	10 mm	12 mm	14 mm	16 mm
180 mm – 7"	LMI 24279-10	LMI 24279-12	LMI 24279-14	LMI 24279-16







1:2

Cottle				
	4 mm	7 mm	9 mm	12 mm
180 mm – 7"	LMI 24280-04	LMI 24280-07	LMI 24280-09	LMI 24280-12

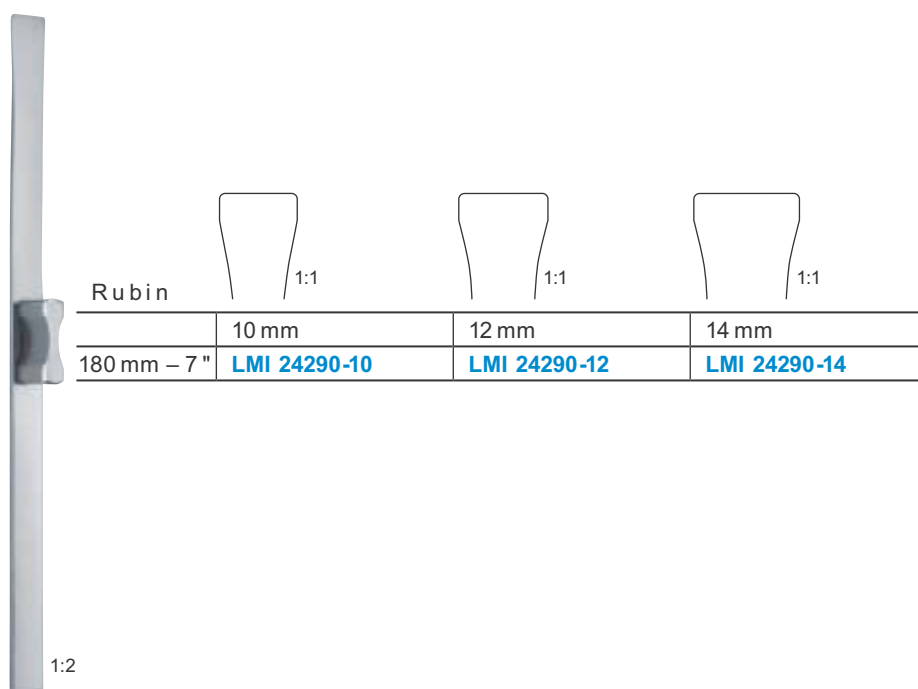
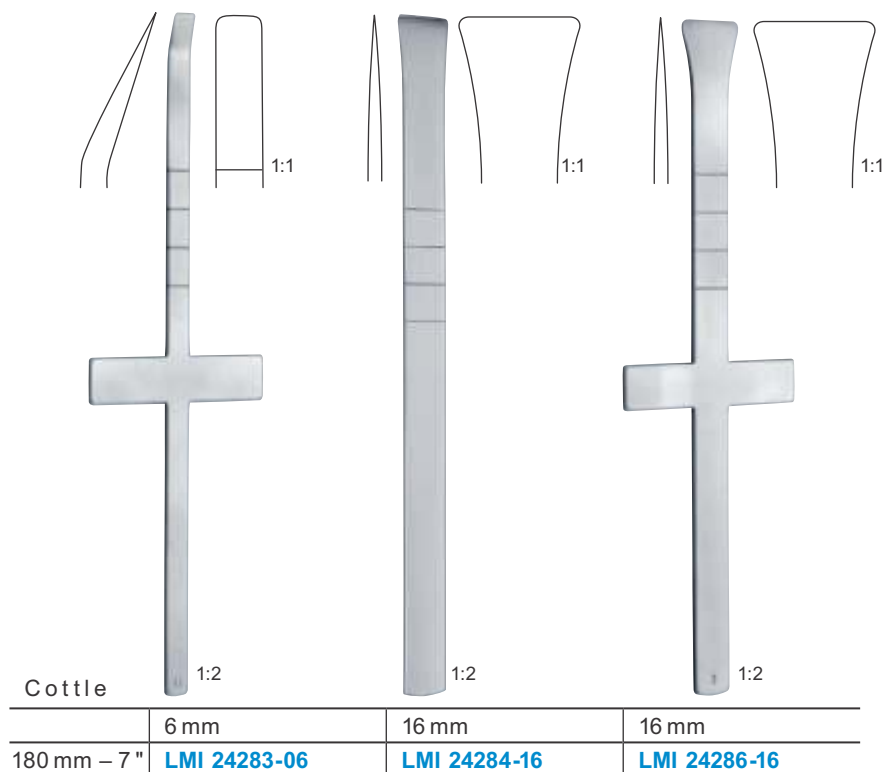


1:2

Cottle				
	4 mm	7 mm	9 mm	12 mm
180 mm – 7"	LMI 24281-04	LMI 24281-07	LMI 24281-09	LMI 24281-12

Chisels, osteotomes for rhinoplastic





Surgery





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"	LMI 24287-04	LMI 24287-07	LMI 24287-09	LMI 24287-12



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



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

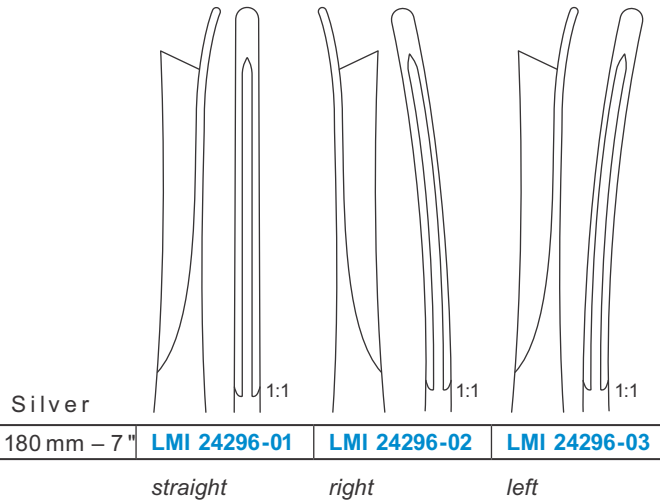
			
1:1	1:1	1:1	1:1
10 mm	12 mm	15 mm	18 mm
LMI 24295-10	LMI 24295-12	LMI 24295-15	LMI 24295-18

Chisels, osteotomes for rhinoplastic

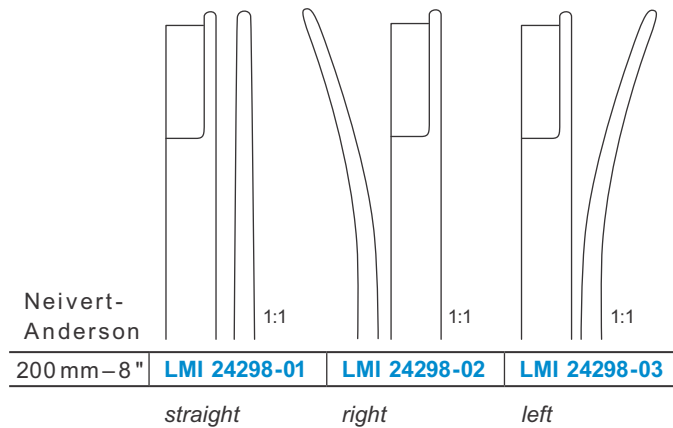
Surgery



1:2



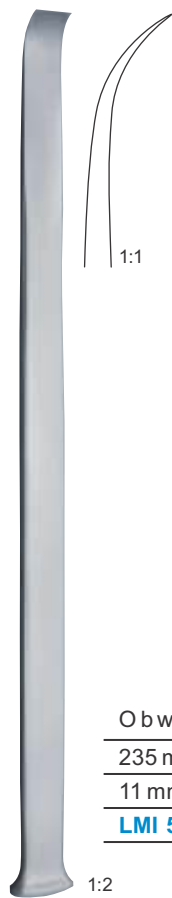
1:2





Osteotomes for maxillo-facial surgery

Surgery



Obwegeser

235 mm – 9 1/4"

11 mm

[LMI 52744-24](#)

1:2



Obwegeser

7 mm

10 mm

215 mm – 8 1/2"

[LMI 52755-21](#)

[LMI 52756-21](#)

1:2








1:2

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"	LMI 24250-02	LMI 24250-03	LMI 24250-04	LMI 24250-05	LMI 24250-06	LMI 24250-08	LMI 24250-10







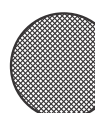
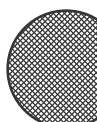
1:2

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 – 4 3/4"	LMI 24239-11	LMI 24239-12



1:2

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

	 1:1	 1:1	 1:1
	12 mm Ø	14 mm Ø	16 mm Ø
200 mm – 8"	LMI 24249-12	LMI 24249-14	LMI 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 "	LMI 24450-40	LMI 24450-30	LMI 24450-20	LMI 24450-10	LMI 24450-01

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

1:2



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 "	LMI 24451-30	LMI 24451-20	LMI 24451-10	LMI 24451-01	LMI 24451-02




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




1:2




Bone curettes

Surgery









Spratt	 1:1	 1:1	 1:1
	Fig. 0000	Fig. 000	Fig. 00
170 mm – 6 $\frac{3}{4}$ "	LMI 24461-40	LMI 24461-30	LMI 24461-20




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

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



Bruns	 1:1	 1:1	 1:1
	Fig. 000	Fig. 00	Fig. 0
160 mm – 6 $\frac{1}{4}$ "	LMI 24460-30	LMI 24460-20	LMI 24460-10







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

 1:1	 1:1	 1:1
Fig. 4	Fig. 5	Fig. 6
LMI 24460-04	LMI 24460-05	LMI 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"	LMI 24442-40	LMI 24442-30	LMI 24442-20	LMI 24442-10	LMI 24442-01	LMI 24442-02

oval, with plastic handle

				
Fig. 3	Fig. 4	Fig. 5	Fig. 6	
190 mm – 7½"	LMI 24442-03	LMI 24442-04	LMI 24442-05	LMI 24442-06

 1:1	 1:1	 1:1	 1:1	 1:1	
	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
275 mm – 10¾"	LMI 24443-00	LMI 24443-01	LMI 24443-02	LMI 24443-03	LMI 24443-04

Bone curettes

Surgery



Halle



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3
210 mm – 8 ³ / ₄ "	LMI 24462-01	LMI 24462-02	LMI 24462-03

flexible



1:1



1:1

Uffenorde

1:2

1:2

	Fig. 1	Fig. 2
170 mm – 6 ³ / ₄ "	LMI 24463-01	LMI 24463-02

Bruns



1:1



1:1



1:1



1:1

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

solid



1:1



1:1



1:1



1:1

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



1:2

Bone curettes

Surgery



Schroeder

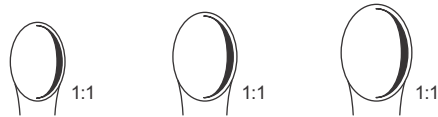


	Fig. 1	Fig. 2	Fig. 3
300 mm – 12"	LMI 24448-01	LMI 24448-02	LMI 24448-03

sharp / rigid

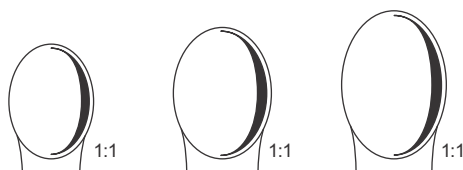


Fig. 4	Fig. 5	Fig. 6
LMI 24448-04	LMI 24448-05	LMI 24448-06



Simon

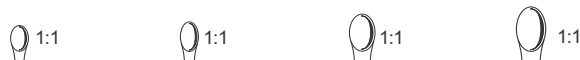


	Fig. 0000	Fig. 000	Fig. 00	Fig. 0
240 mm – 9½"	LMI 24440-40	LMI 24440-30	LMI 24440-20	LMI 24440-10

sharp / rigid

Simon

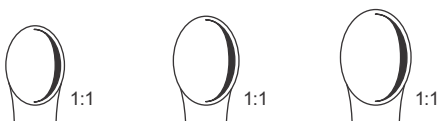


	Fig. 1	Fig. 2	Fig. 3
250 mm – 9¾"	LMI 24445-01	LMI 24445-02	LMI 24445-03

sharp / rigid

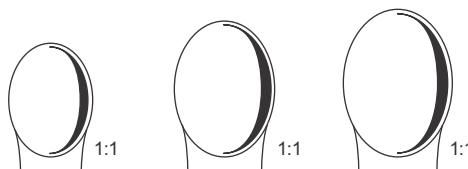





Fig. 4	Fig. 5	Fig. 6
LMI 24445-04	LMI 24445-05	LMI 24445-06




Bone curettes




Surgery






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

straight




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




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



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

curved

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

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

Bone curettes

Surgery



1:2



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"	LMI 24392-30	LMI 24392-20	LMI 24392-10	LMI 24392-01

straight



1:2

Daubenspeck



1:1



1:1



1:1






1:1

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

Bone curettes

Surgery








Scoville	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3
250 mm – 9 3/4"	LMI 24465-01	LMI 24465-02	LMI 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"	LMI 24395-50	LMI 24395-40	LMI 24395-30	LMI 24395-20	LMI 24395-10

1:2



LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

Bone curettes, double-ended

Surgery



Volkman

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

oval / oval

round / oval



210 mm – 8¼"

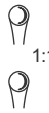


[LMI 24412-21](#)

round / oval

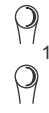


Bone curettes, double-ended

Surgery






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


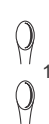



Martini			
	Fig. 00	Fig. 0	Fig. 1
	Fig. 00	Fig. 0	Fig. 1
155 mm – 6"	LMI 24489-20	LMI 24489-10	LMI 24489-01



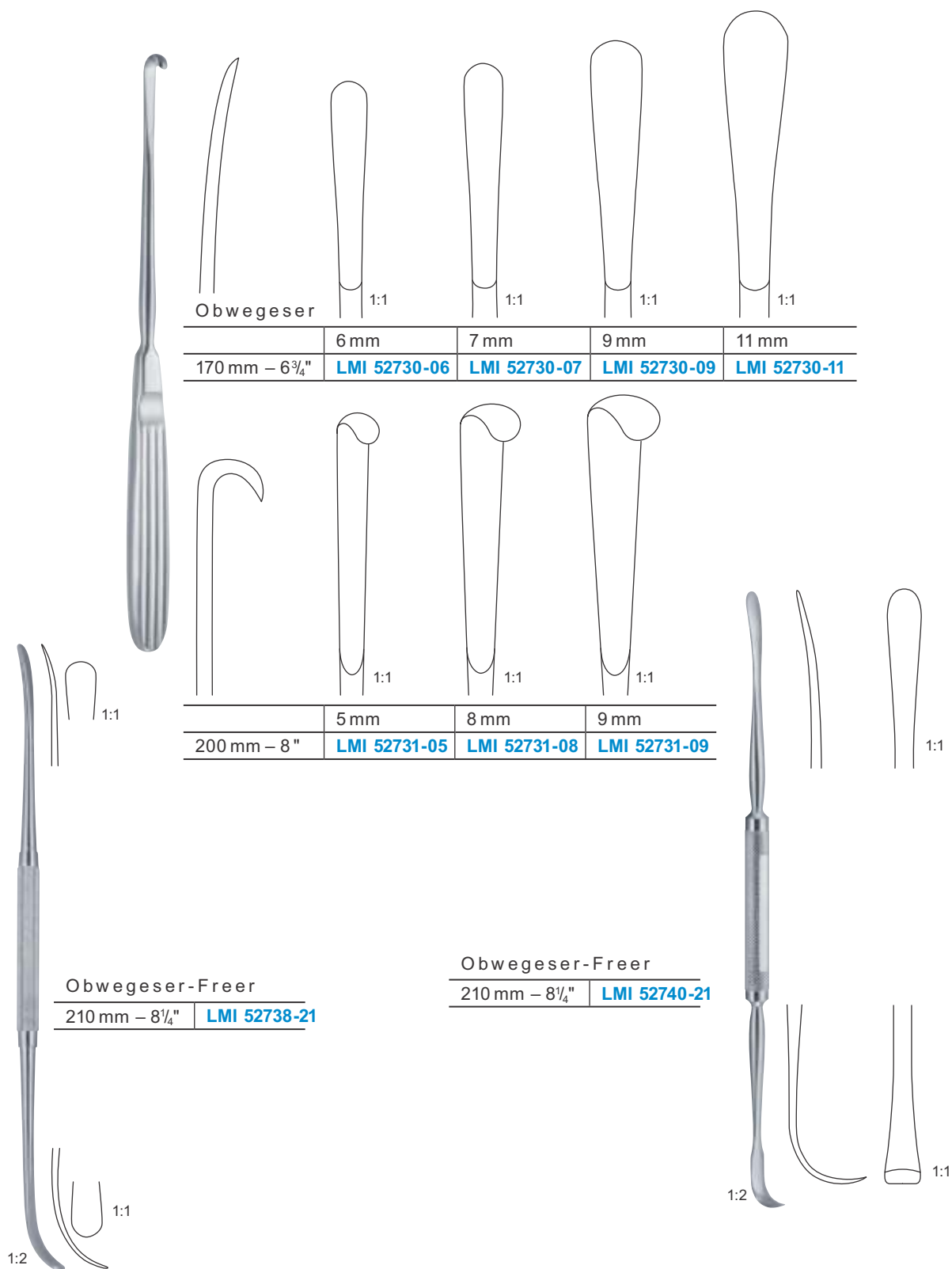
Williger			
	Fig. 00	Fig. 0	Fig. 1
	Fig. 0	Fig. 1	Fig. 2
135 mm – 5 1/4"	LMI 24487-00	LMI 24487-01	LMI 24487-12



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

Periosteal elevators for maxillo-facial surgery

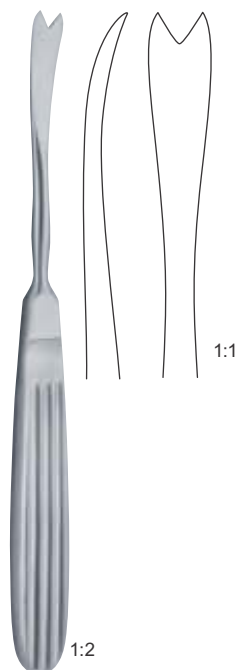
Surgery





Periosteal elevators and awls for maxillo-facial surgery

Surgery



Obwegeser

175 mm – 7 "

[LMI 52735-01](#)



Obwegeser

230 mm – 9 "

[LMI 52751-23](#)



Obwegeser

180 mm – 7 "

[LMI 52749-18](#)



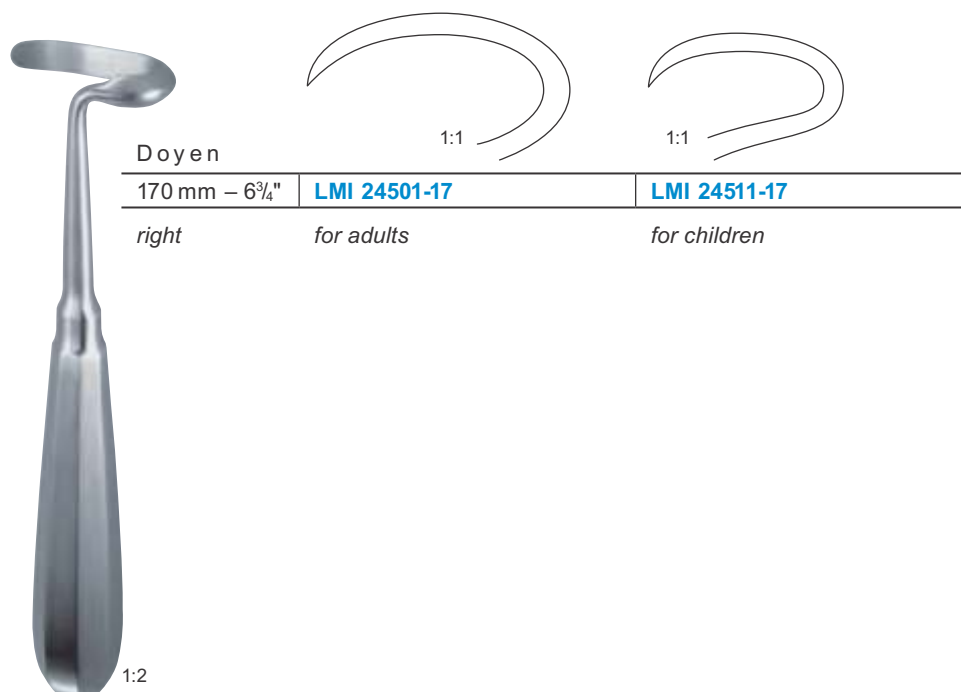
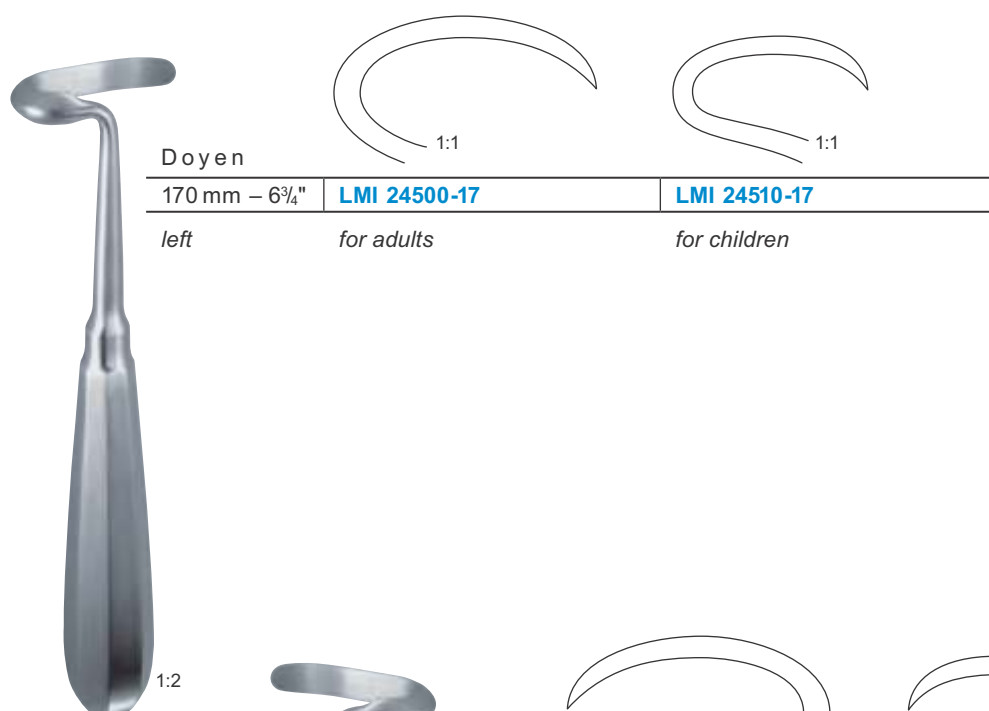
Obwegeser

140 mm – 5½"

[LMI 52750-14](#)

Periosteal raspatories-Elevators

Surgery



Periosteal raspatories-Elevators

Surgery



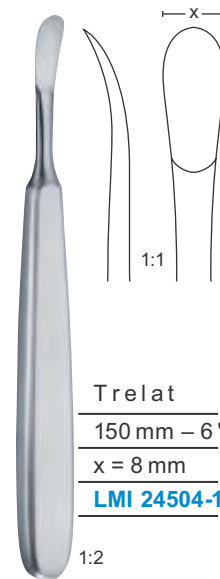
Quervain

195 mm – 7³/₄"

x = 6 mm

LMI 24503-19

1:2



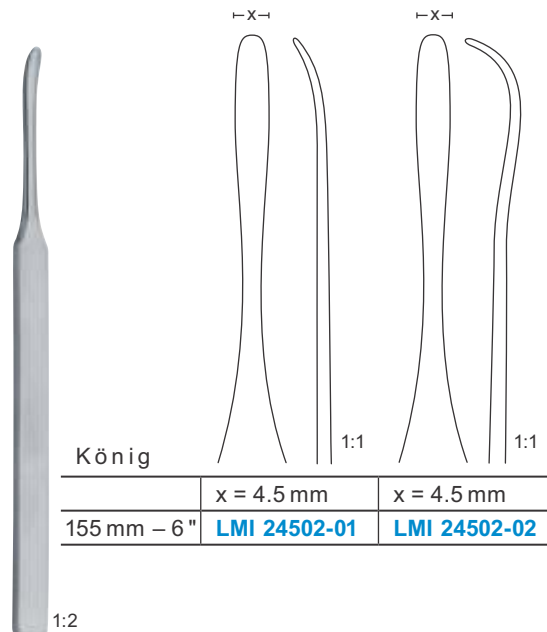
Trelat

150 mm – 6"

x = 8 mm

LMI 24504-15

1:2



König

155 mm – 6"

x = 4.5 mm

LMI 24502-01

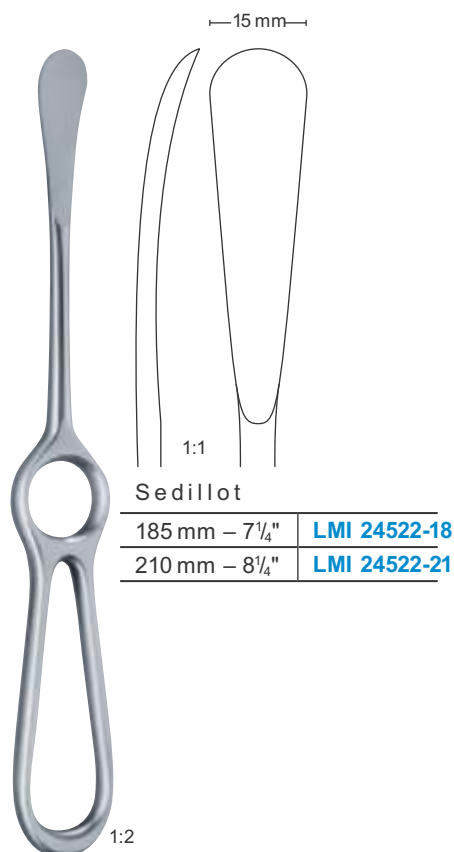
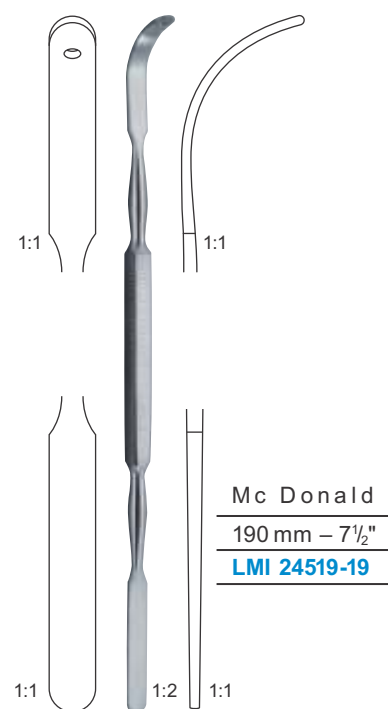
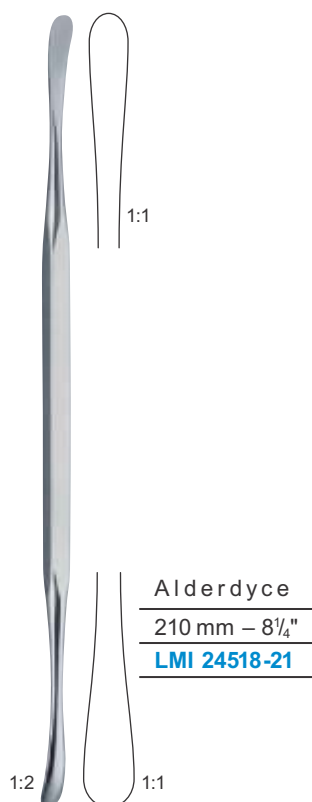
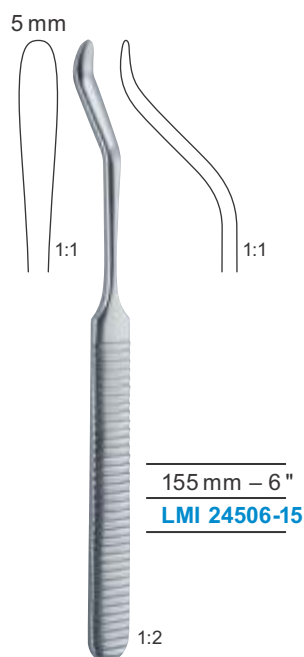
x = 4.5 mm

LMI 24502-02

1:2

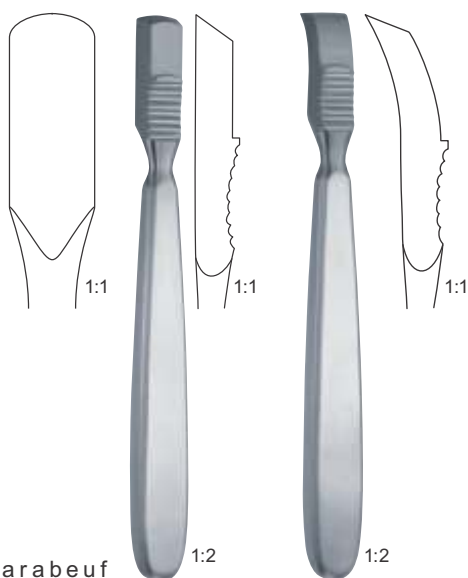
Periosteal raspatories-Elevators

Surgery

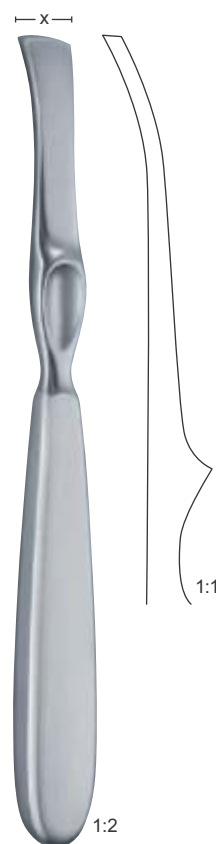


Periosteal raspatories-Elevators

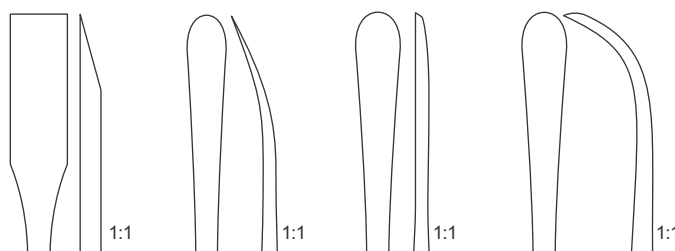
Surgery



Farabeuf
150 mm – 6" [LMI 24520-15](#) [LMI 24521-15](#)
straight *curved*



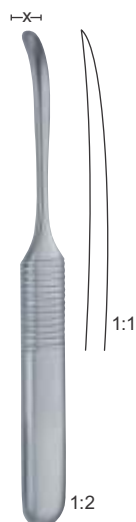
Lambotte
210 mm – 8 1/4"
x = 5 mm [LMI 24523-05](#)
x = 10 mm [LMI 24523-10](#)
x = 15 mm [LMI 24523-15](#)
x = 20 mm [LMI 24523-20](#)
x = 25 mm [LMI 24523-25](#)



Adson
170 mm – 6 3/4"
Fig. 1 [LMI 24535-01](#) Fig. 2 [LMI 24535-02](#) Fig. 3 [LMI 24535-03](#) Fig. 4 [LMI 24535-04](#)

Periosteal raspatories-Elevators

Surgery



Williger

	x = 5 mm
130 mm – 5"	LMI 24525-13



Williger

	160 mm – 6 1/4"
x = 4 mm	LMI 24525-16
x = 6 mm	LMI 24526-16



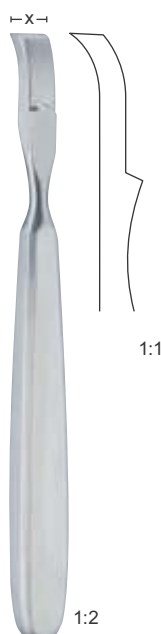
Williger

	x = 5 mm	x = 6.5 mm
160 mm – 6 1/4"	LMI 24532-16	LMI 24533-17



Farabeuf-Collin

	x = 11 mm	x = 11 mm
160 mm – 6 1/4"	LMI 24528-01	LMI 24528-02





Periosteal raspatories-Elevators

Surgery



1:2

Obwegeser



1:1

2.5 mm



1:1

4 mm

150 mm – 6"

[LMI 52742-25](#)

[LMI 52742-40](#)



1:1

1:2

Obwegeser

185 mm – 7 1/4"

[LMI 52746-19](#)



1:1

1:2

Obwegeser

185 mm – 7 1/4"

[LMI 52747-19](#)






LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

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
	LMI 24536-01	LMI 24536-02	LMI 24536-03	LMI 24536-04	LMI 24536-05	LMI 24536-06

Periosteal raspatories-Elevators

Surgery

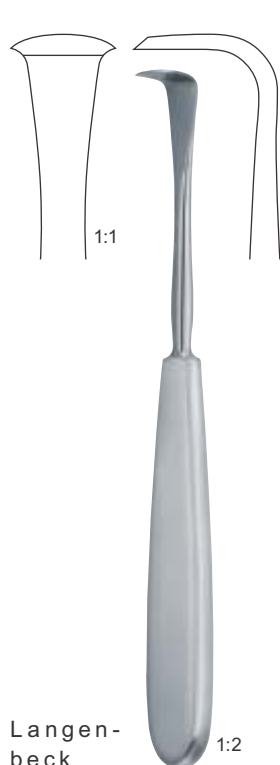


Howarth

215 mm – 8½"

LMI 24534-21

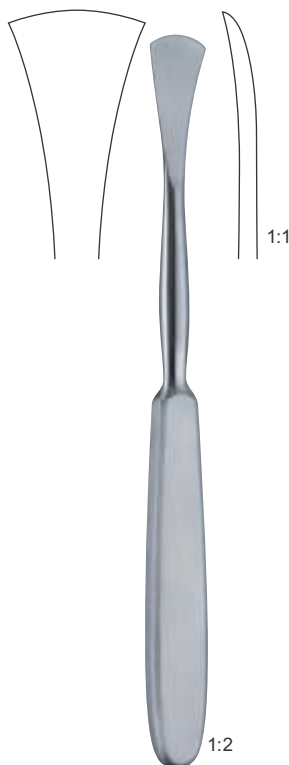
sharp / blunt



Langen-
beck

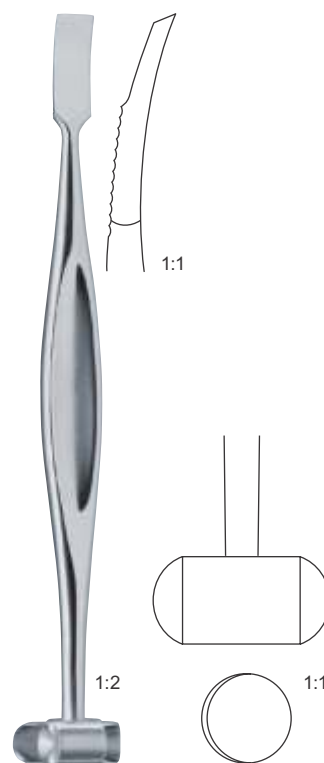
180 mm – 7"

LMI 24537-18



190 mm – 7½"

LMI 24538-19



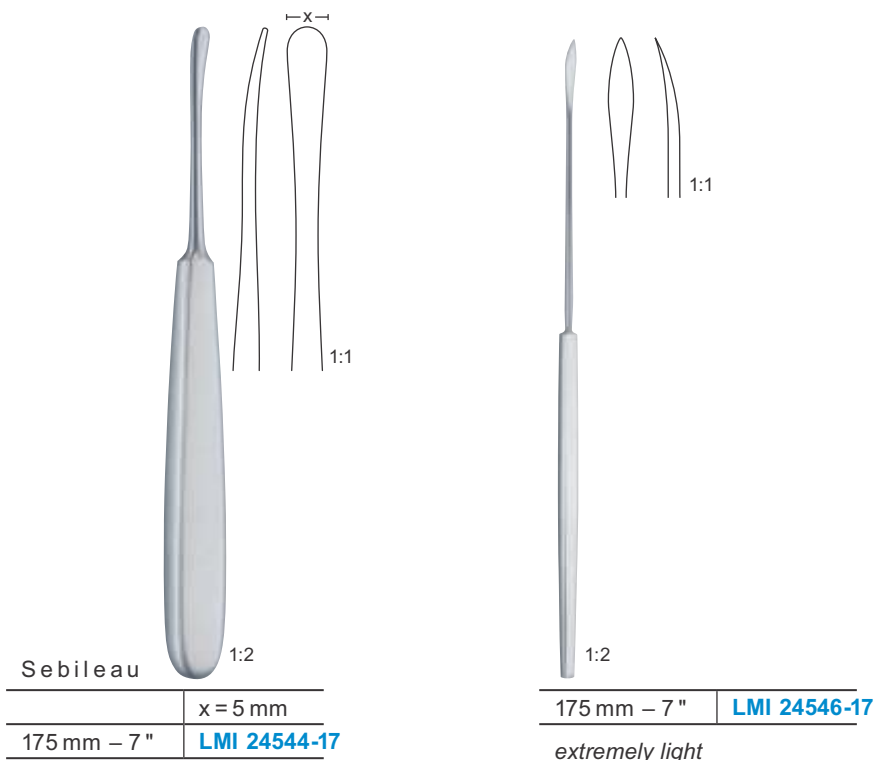
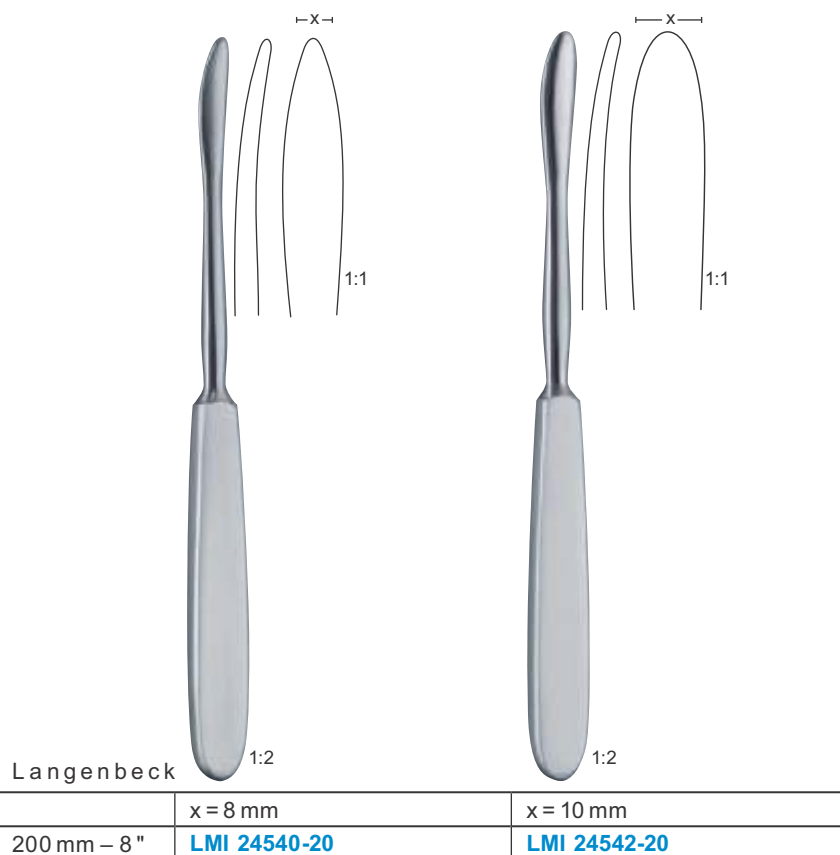
Alexander

200 mm – 8"

LMI 24539-20

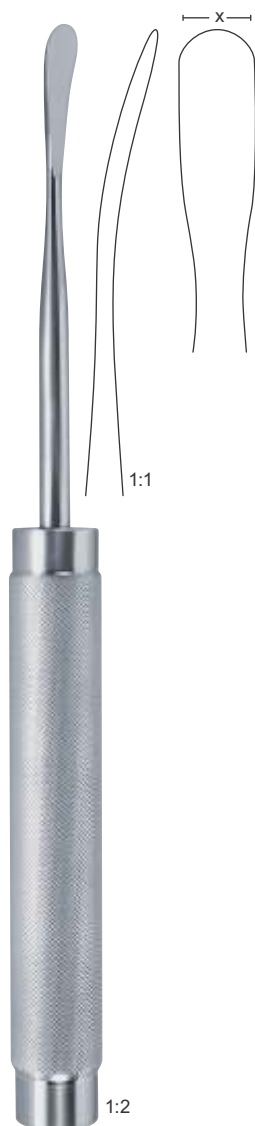
Periosteal raspatories-Elevators

Surgery



Periosteal raspatories-Elevators

Surgery



Cobb

1:2

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

Spinal raspatory



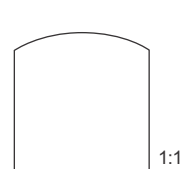
Key

1:1

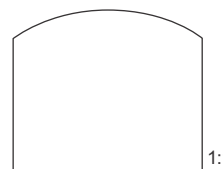
1:1

1:1

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



1:1



1:1

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

Periosteal raspatories

Surgery



1:2

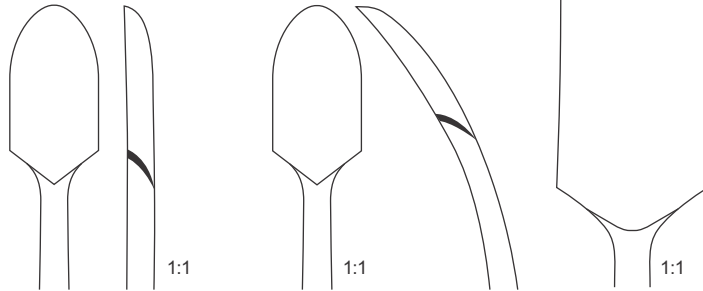


	Fig. 1	Fig. 2	Fig. 3
	14 mm	14 mm	20 mm
200 mm – 8 "	LMI 24548-01	LMI 24548-02	LMI 24548-03
<i>Ferrozell handle</i>	<i>straight</i>	<i>curved</i>	<i>straight</i>



1:2

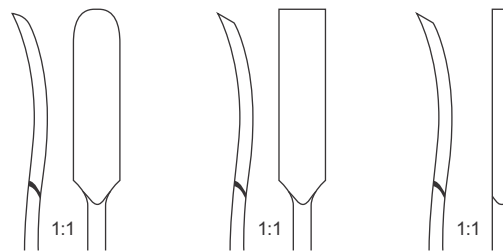


	Fig. 1	Fig. 2	Fig. 3
	6 mm	3 mm	6 mm
180 mm – 7 "	LMI 24549-01	LMI 24549-02	LMI 24549-03
<i>Ferrozell handle</i>			

Bone levers

Surgery



Hohmann

220 mm – 8 $\frac{3}{4}$ "	240 mm – 9 $\frac{1}{2}$ "	240 mm – 9 $\frac{1}{2}$ "	240 mm – 9 $\frac{1}{2}$ "
x = 8 mm	x = 18 mm	x = 43 mm	x = 70 mm
LMI 24550-08	LMI 24550-18	LMI 24550-43	LMI 24550-70

Bone levers

Surgery



Hohmann

245 mm – 9¾"	260 mm – 10¼"	280 mm – 11"	265 mm – 10½"	260 mm – 10¼"
x = 43 mm	x = 22 mm	x = 33 mm	x = 24 mm	x = 22 mm
LMI 24558-43	LMI 24558-22	LMI 24558-33	LMI 24559-24	LMI 24561-22

Bone levers

Surgery



Mini-Hohmann

	6 mm	8 mm
160 mm – 6 1/4"	LMI 24551-06	LMI 24551-08

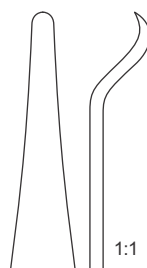
1:2



1:1



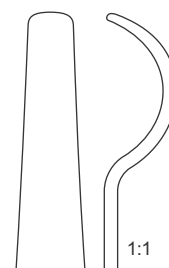
1:1



1:1



1:1



1:1

	2.8 mm	4.5 mm	6 mm
140 mm – 5 1/2"	LMI 24552-02	LMI 24552-04	LMI 24552-06



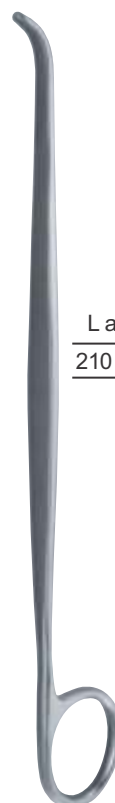
1:2



Bristow

230 mm – 9"	LMI 24552-23
-------------	------------------------------

1:2



Lane

210 mm – 8 1/4"	LMI 24552-21
-----------------	------------------------------

1:2



LAPA MASTER INDUSTRY

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Bone levers

Surgery



Bennett

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

1:2



Murphy-Lane

340 mm – 13½"
LMI 24556-34

Luxation lever

1:2



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Bone levers

Surgery



Blunt

1:2

1:2

260 mm – 10 $\frac{1}{4}$ "

[LMI 24562-26](#)

[LMI 24563-26](#)



Lange-

Hohmann mod.

265 mm – 10 $\frac{1}{2}$ "

280 mm – 11 "

x = 30 mm

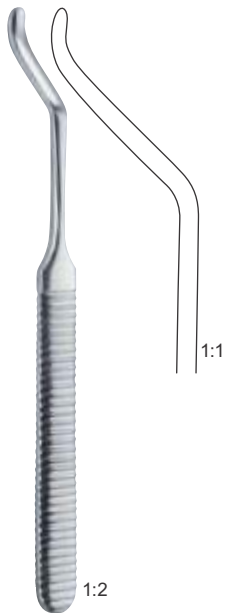
x = 33 mm

[LMI 24561-26](#)

[LMI 24561-28](#)

Bone levers

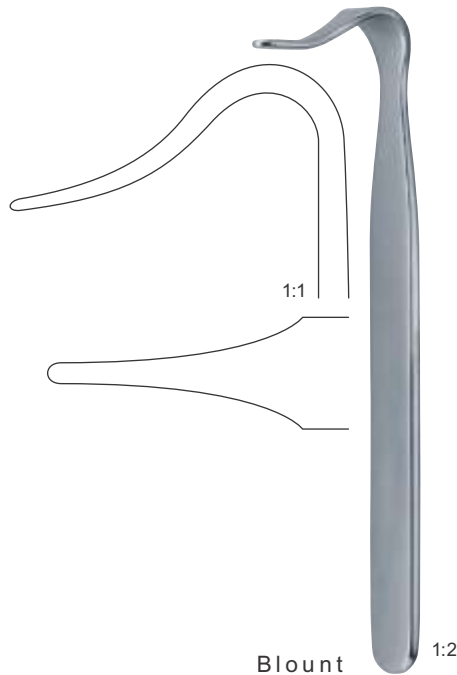
Surgery



Hohmann-
Williger

160 mm – 6 $\frac{1}{4}$ "

[LMI 24560-16](#)



Blount

175 mm – 7"

[LMI 24564-17](#)



Taylor

	165 mm – 6 $\frac{1}{2}$ "
a = 75 mm – b = 30 mm	LMI 24566-16
a = 100 mm – b = 30 mm	LMI 24567-16

Meniscotomy knives

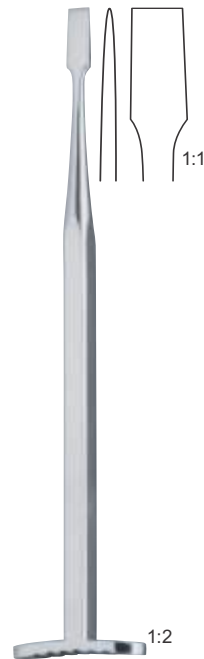
Surgery



Bircher

190 mm – 7½"

LMI 24563-19



Smillie

170 mm – 6¾"

LMI 24568-17



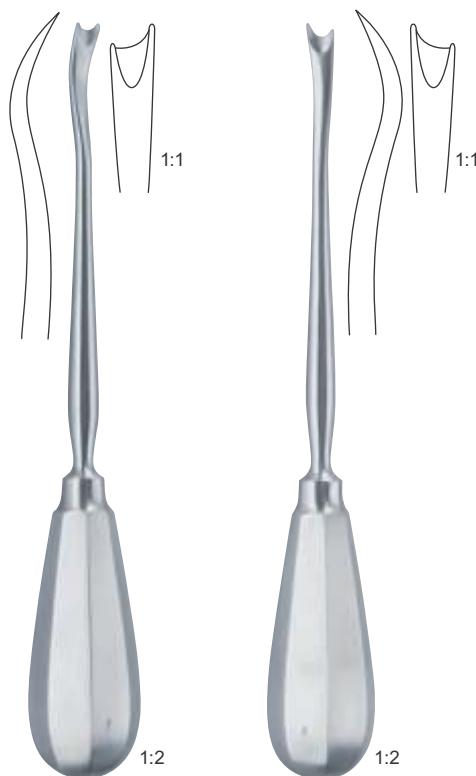
LMI 24569-17



LMI 24570-17

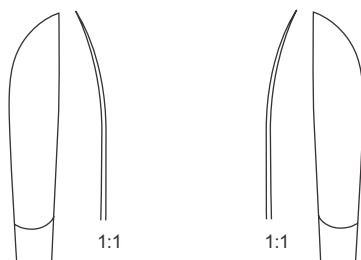
Meniscotomy knives

Surgery



Kanadisches
Modell

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

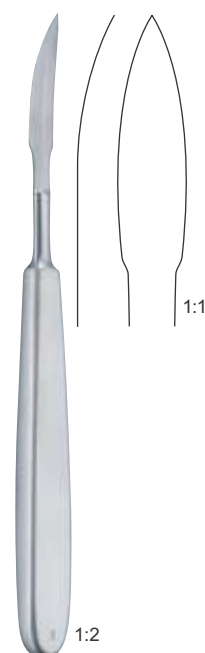


Neff

220mm – 8¾"	LMI 24572-01	LMI 24572-02
-------------	------------------------------	------------------------------

left

right



180mm – 7"

[LMI 24573-18](#)



1:2



Tendon strippers

Surgery



1:2

○ 1:1

○ 1:1

○ 1:1

	4.0 mm Ø	4.5 mm Ø	5.5 mm Ø
230 mm – 9"	LMI 24578-40	LMI 24578-45	LMI 24578-55

Malleable shaft



1:2

Bunnell

○ 1:1

○ 1:1

○ 1:1

	Fig. 1	Fig. 2	Fig. 3
150 mm – 6"	LMI 24575-01	LMI 24575-02	LMI 24575-03

○ 1:1

○ 1:1

Fig. 4	Fig. 5
LMI 24575-04	LMI 24575-05

Tendon strippers

Surgery



Fischer

310 mm – 12 1/4"

[LMI 24580-31](#)



Bunnell

230 mm – 9"

[LMI 24582-23](#)

Tendon passer



Kleinert-
Kutz

200 mm – 8"




20 mm Ø

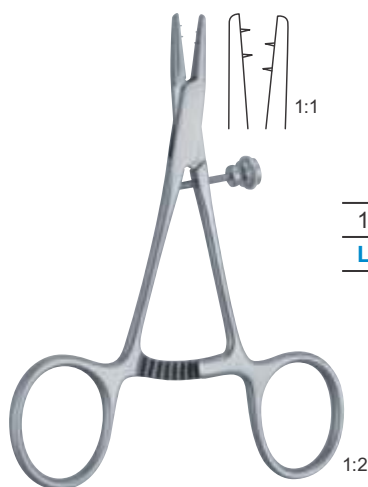
[LMI 24588-20](#)

Tendon holding forceps

Surgery


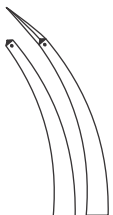


Brand	 1:1	 1:1	 1:1
	150 mm – 6"	190 mm – 7½"	240 mm – 9½"
	LMI 24585-15	LMI 24585-19	LMI 24585-24



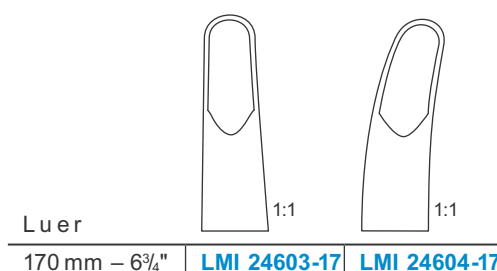
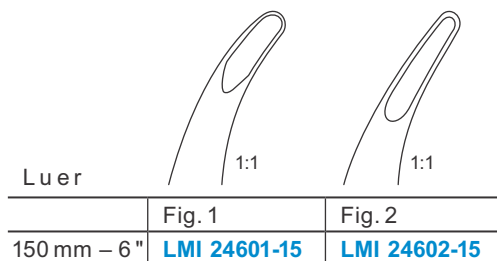
130 mm – 5"
LMI 38724-13



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

Bone rongeurs

Surgery



Mini-Friedmann
120 mm – 4¾"
[LMI 24605-12](#)


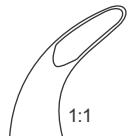



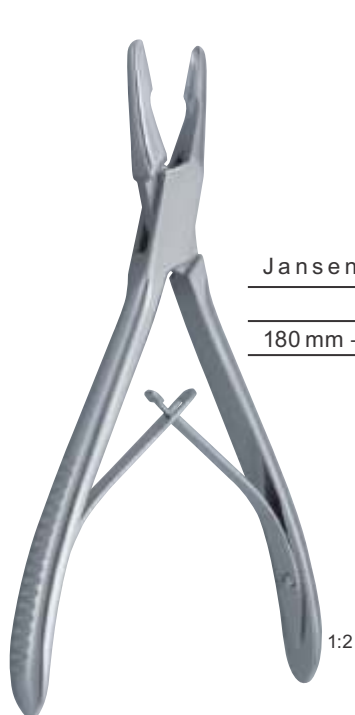
Friedmann
140 mm – 5½"
[LMI 24605-14](#)


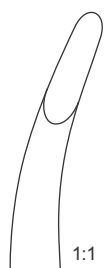
Bone rongeurs

Surgery



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



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

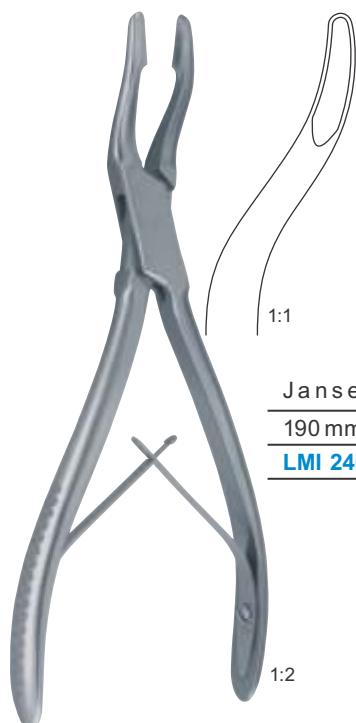


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Bone rongeurs

Surgery



Jansen

190 mm – 7½"

LMI 24608-19



Adson

200 mm – 8"

LMI 24609-20



Bacon

210 mm – 8¼"

LMI 24610-21

Bone rongeurs

Surgery



Lempert

190 mm – 7½"



1:1



1:1

[LMI 24612-19](#)

[LMI 24611-19](#)



Stellbrink

175 mm – 7"



1:1



1:1

slightly curved

strongly curved

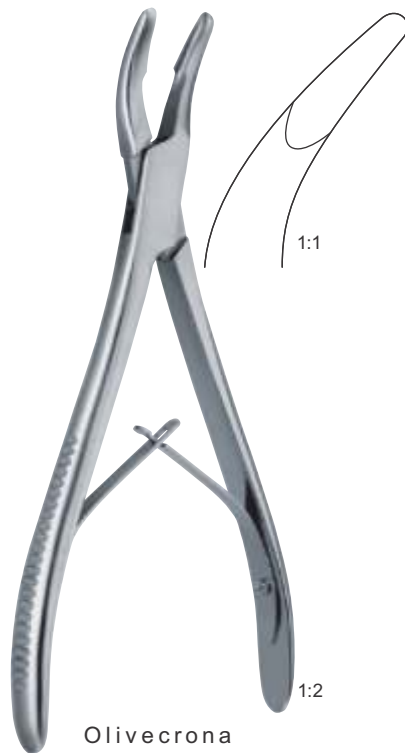
[LMI 24614-01](#)

[LMI 24614-02](#)



Bone rongeurs

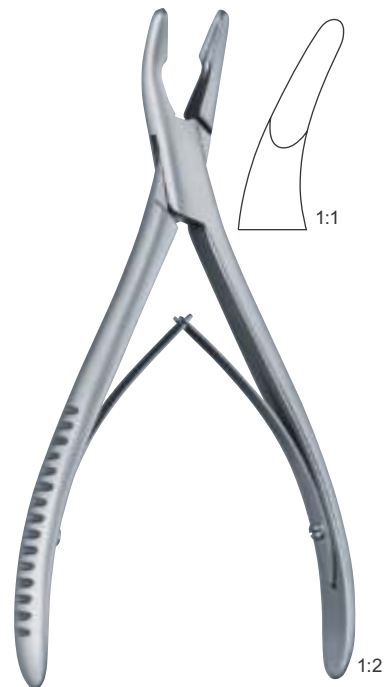
Surgery



Olivecrona

205 mm – 8 "

LMI 24620-20



Hartmann

175 mm – 7 "

LMI 24622-18



Bone rongeurs

Surgery



Mead

165 mm – 6½"

LMI 24631-16



1:1

Cleveland

170 mm – 6¾"

LMI 24637-17



1:1

Cleveland

140 mm – 5½"

LMI 24635-14

1:2

Bone rongeurs

Surgery

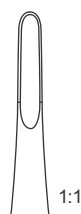


Böhler

150 mm – 6"

[LMI 24613-00](#)

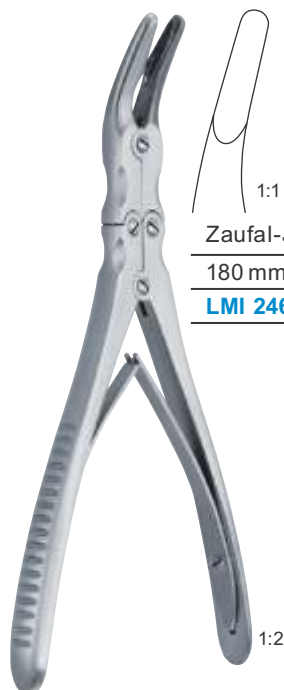
[LMI 24613-02](#)



1:1



1:1



1:1

Zaufal-Jansen

180 mm – 7"

[LMI 24614-18](#)



1:1

Marquardt

200 mm – 8"

[LMI 24614-20](#)

Bone rongeurs

Surgery



Beyer

180 mm – 7"

[LMI 24615-18](#)



Ruskin

180 mm – 7"

[LMI 24616-05](#)

[LMI 24616-04](#)



Mayfield

175 mm – 7"

[LMI 24627-17](#)

Bone rongeurs

Surgery

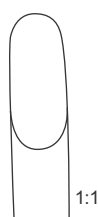


Stille-
Ruskin

230 mm – 9"



1:1



1:1

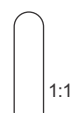
[LMI 24617-23](#)

[LMI 24618-23](#)

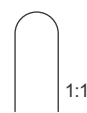


Stille

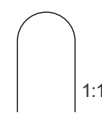
230 mm – 9"



1:1



1:1



1:1

4 mm

6 mm

8 mm

[LMI 24619-04](#)




[LMI 24619-06](#)

[LMI 24619-08](#)



Bone rongeurs

Surgery



Leksell			
	1:1	1:1	1:1
	4 mm	6 mm	8 mm
240 mm – 9½"	LMI 24621-04	LMI 24621-06	LMI 24621-08



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



Bone rongeurs

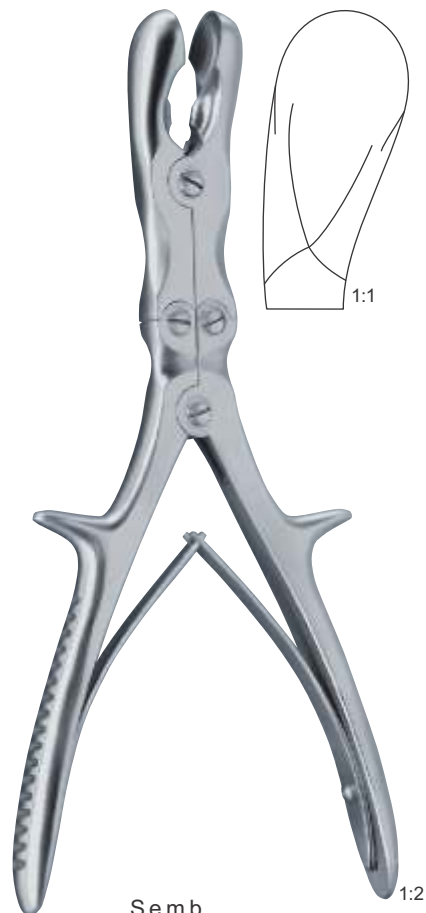
Surgery



Röttgen-
Ruskin

230 mm – 9"

LMI 24629-23



Semb

240 mm – 9½"

LMI 24630-23

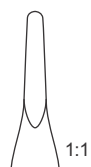
Bone rongeurs

Surgery

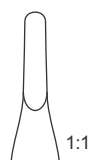


Echlin

230 mm – 9"



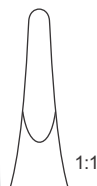
1:1



1:1

[LMI 24632-02](#)

[LMI 24632-03](#)



1:1

Frykholm


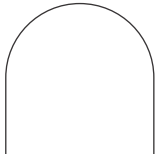
240 mm – 9½"

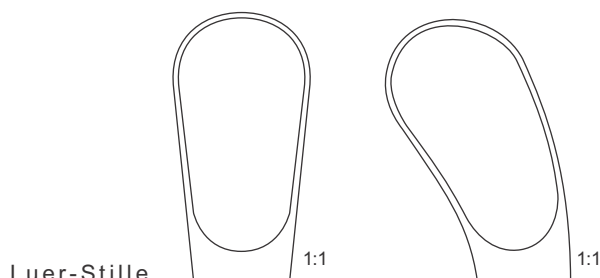
[LMI 24634-24](#)

Bone rongeurs

Surgery



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



Luer-Stille

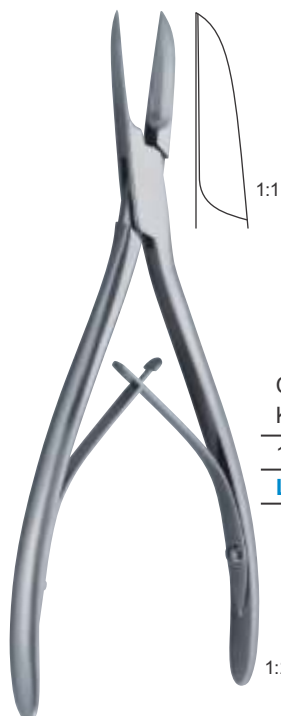
270 mm – 10 $\frac{3}{4}$ "

LMI 24646-27

LMI 24647-27

Bone cutting forceps

Surgery



Cottle-
Kazanjian

190 mm – 7½"

[LMI 24649-19](#)



Liston

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

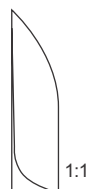
Bone cutting forceps

Surgery



Böhler

150 mm – 6"



1:1



1:1

[LMI 24654-15](#)

[LMI 24655-15](#)



Ruskin-Liston

185 mm – 7 1/4"



1:1



1:1

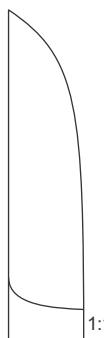
[LMI 24660-18](#)

[LMI 24661-18](#)

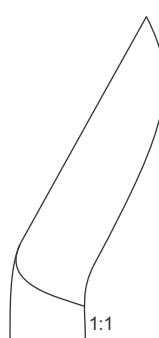


Stille-Liston

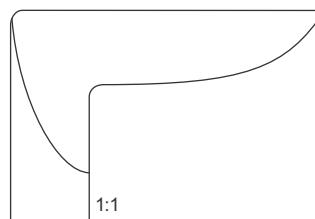
270 mm – 10 3/4"



1:1



1:1



1:1

[LMI 24670-27](#)

[LMI 24671-27](#)

[LMI 24673-27](#)



Bone cutting forceps

Surgery



Bone holding clamps - Bone holding forceps

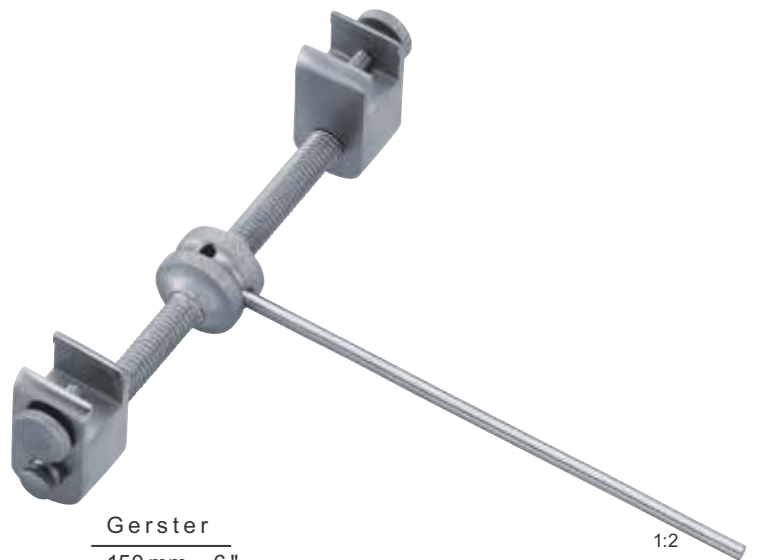
Surgery



Gerster-Lowmann

1:2

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



Gerster

1:2

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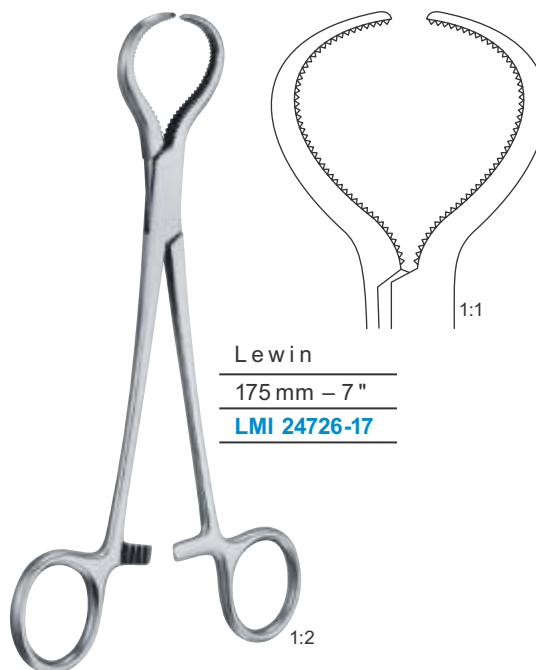
Bone holding forceps - Reposition forceps

Surgery



135 mm – 5 $\frac{1}{4}$ "

LMI 24740-14



Lewin

175 mm – 7"

LMI 24726-17



140 mm – 5 $\frac{1}{2}$ "

LMI 24735-14



Bone holding forceps - Reposition forceps

Surgery



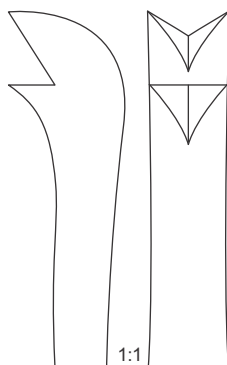
1:1

1:2

Fergusson

210 mm – 8 1/4"

LMI 24700-21



1:1

1:2

Van Buren

230 mm – 9"

LMI 24701-23





Bone holding forceps

Surgery



Langenbeck

210 mm – 8 $\frac{1}{4}$ "

LMI 24702-21



Semb

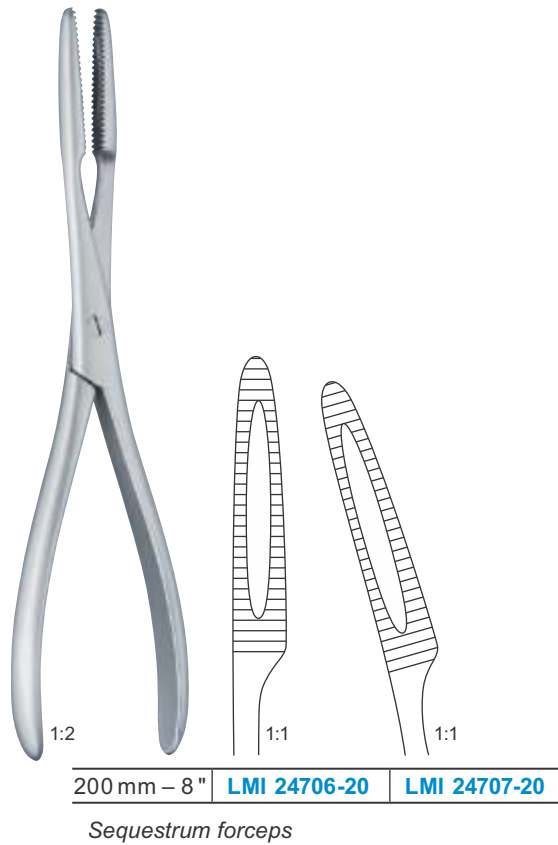
190 mm – 7 $\frac{1}{2}$ "

LMI 24704-19



Bone holding forceps

Surgery





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Manufacturer & Exporter all kinds of Surgical, Dental Instruments

Bone holding forceps

Surgery



Farabeuf

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



Farabeuf-Lambotte

260 mm – 10¼"
LMI 24710-26

Bone holding forceps

Surgery



1:1

Martin

190 mm – 7½"

[LMI 24712-19](#)



1:1

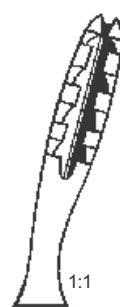
Bircher-
Ganske

200 mm – 8"



1:1

[LMI 24713-20](#)



1:1

[LMI 24714-20](#)



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Bone holding forceps

Surgery



Hey Groves

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



LAPA MASTER INDUSTRY

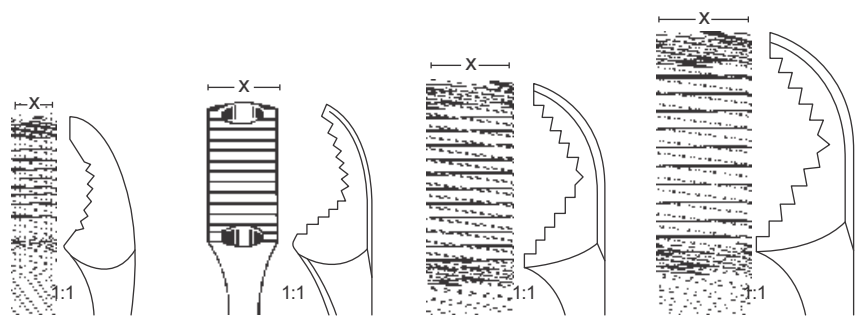
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Bone holding forceps

Surgery



Verbrugge



175 mm – 7 "	250 mm – 10 "	260 mm – 10¼"	270 mm – 10¾"
x = 5.0 mm	x = 9.5 mm	x = 10.5 mm	x = 12.0 mm
LMI 24730-17	LMI 24730-25	LMI 24730-26	LMI 24730-27



Bone holding forceps

Surgery



Kern

170 mm – 6 ³ / ₄ "	LMI 24720-17	LMI 24721-17
210 mm – 8 ¹ / ₄ "	LMI 24720-21	LMI 24721-21



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Bone holding forceps

Surgery



Lane

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

Bone holding forceps

Surgery



Lambotte

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

one jaw mobile

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

self-centering

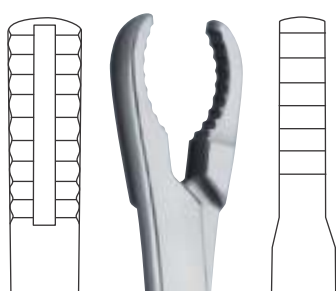


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Bone holding forceps

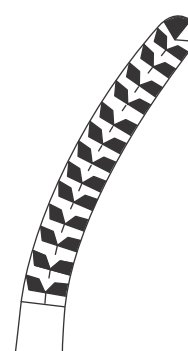
Surgery



Ulrich

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

angular



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



Bone holding forceps - Reposition forceps

Surgery



135 mm – 5 $\frac{1}{4}$ "

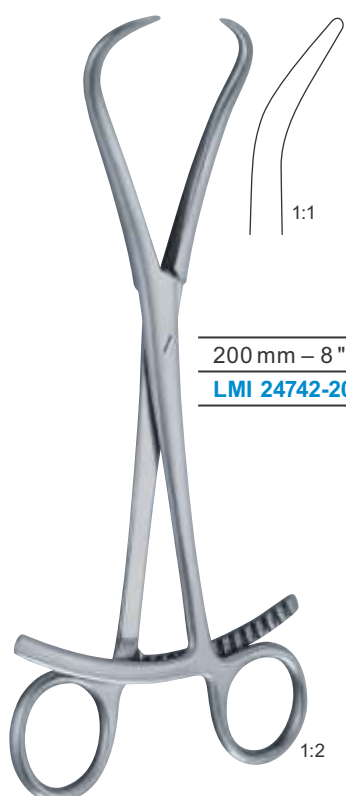
LMI 24734-14



Reill

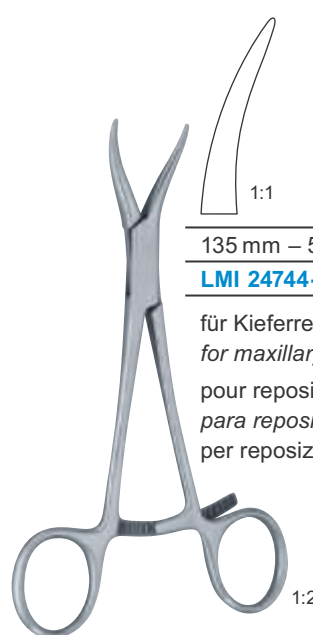
170 mm – 6 $\frac{3}{4}$ "

LMI 24741-17



200 mm – 8"

LMI 24742-20



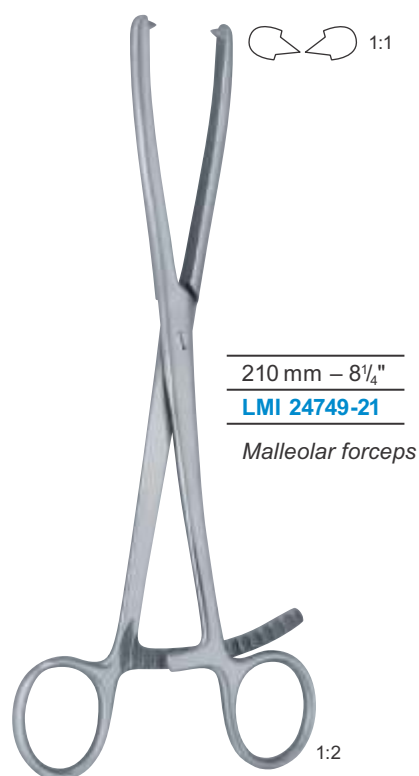
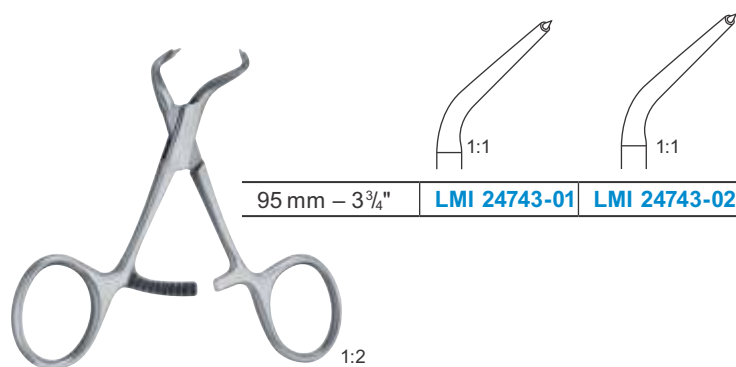
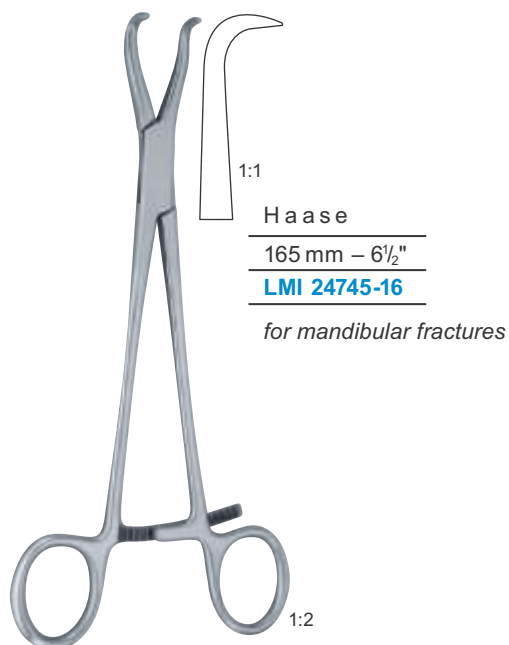
135 mm – 5 $\frac{1}{4}$ "

LMI 24744-13

für Kieferreposition
for maxillary reposition
pour reposition mandibulaire
para reposición mandibular
per reposizione mandibulare

Reposition forceps

Surgery





LAPA MASTER INDUSTRY

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Wire instruments

Surgery



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



Demel	280 mm – 11 "
	LMI 38518-28

Wire instruments

Surgery



Loute

210 mm – 8 1/4"

LMI 38520-21



130 mm – 5"

LMI 38532-13



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

Bone wire, soft, in coils of 10



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

Bone wire with eye, soft, package of 10 pieces

Wire cutting forceps

Surgery



220 mm – 8 3/4"

LMI 38561-22 tucar

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



220 mm – 8 3/4"

LMI 38554-22 tucar

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



230 mm – 9"

LMI 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"

LMI 38555-18 tucar

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



180 mm – 7"

LMI 38557-18 tucar

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



150 mm – 6"

LMI 38556-15 tucar

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



145 mm – 5¾"

LMI 38561-14 tucar

for hard wires up to 1 mm Ø



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Wire cutting forceps

Surgery



570 mm – 22½" **LMI 38558-57**

for Kirschner wires and Steinmann pins up to 6 mm Ø

1:3



Wire cutting forceps

Surgery



1:2

185 cm – 7 1/4" | **LMI 38560-04**

Wire cutting forceps for hard wires up to 1.6mm Ø



1:2

260 mm – 10 1/4" | **LMI 38560-26 tucar**

for hard wires up to 3 mm Ø



LAPA MASTER INDUSTRY

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Technical forceps

Surgery



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



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



	180 mm – 7 "	180 mm – 7 "
x = 5 mm	LMI 38564-05	LMI 38571-05 tucar
x = 7 mm	LMI 38564-07	LMI 38571-07 tucar



LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

Technical forceps

Surgery



170 mm – 6 $\frac{3}{4}$ "

LMI 38565-17



220 mm – 8 $\frac{3}{4}$ "

LMI 38565-22 tucar

Grip forceps, combined with TC-Cutter



190 mm – 7 $\frac{1}{2}$ "

LMI 38565-19

Technical forceps, adjustable



Technical forceps

Surgery



185 mm – 7 1/4" **LMI 38569-17**

Wire bending forceps



185 mm – 7 1/4" **LMI 38569-01**

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



180 mm – 7" **LMI 38573-18**

200 mm – 8" **LMI 38573-20**

240 mm – 9 1/2" **LMI 38573-24**

Locking plier



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Technical forceps

Surgery



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

Locking plier, only

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

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

1:2



LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

Technical forceps

Surgery



200 mm – 8" **LMI 38573-01**

Plate bending plier for plates up to 2.7 mm

240 mm – 9½" **LMI 38573-02**

Plate bending plier for plates up to 4 mm

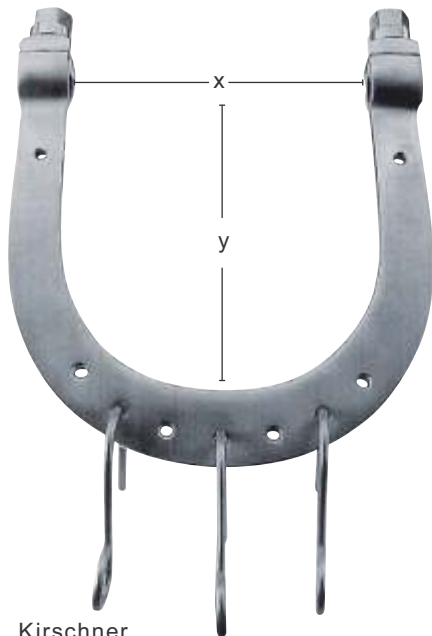
Extension bows

Surgery



LMI 38583-18 180 mm – 7 "

Wire strainer for Kirschner wires



Kirschner

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

with 3 traction hooks



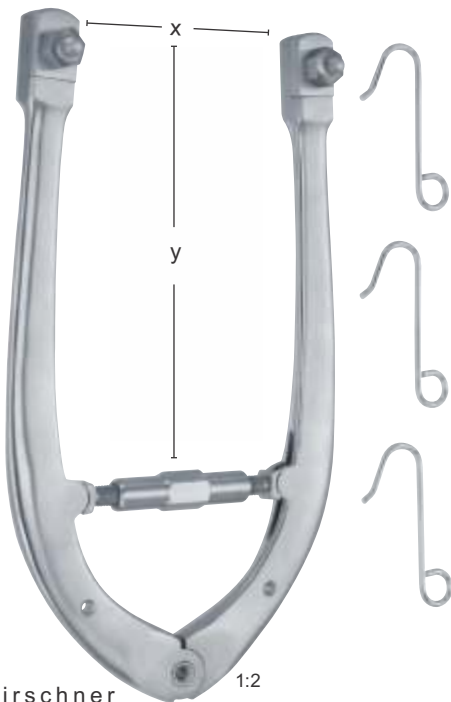
Kirschner

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

with 3 traction hooks

Extension bows

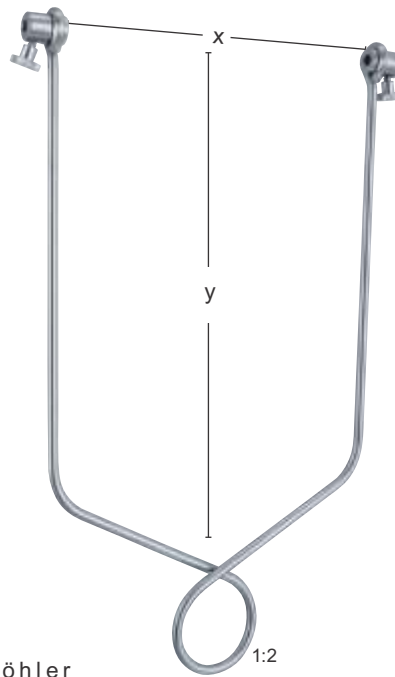
Surgery



Kirschner 1:2

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

with 3 traction hooks



Böhler 1:2

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



1:2

14 mm / 17 mm	LMI 38584-19
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190 mm – 7½"

Wrench



Amputation retractor - Comprimeter

Surgery



Percy

LMI 38599-00

Handles detachable, simple pattern



LMI 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 – 6 1/4" **LMI 24860-00**

LMI 24860-01

Opening up to 4 mm Ø

Spare key for LMI 24860-00



RaIk

160 mm – 6 1/4" **LMI 24862-00**

Opening up to 6.35 mm Ø

Light metal housing

Longitudinally cannulated

1:2

Hand drills

Surgery



Stille

200 mm – 8"

LMI 24855-00

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

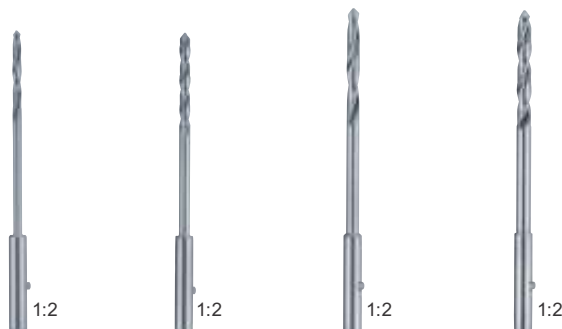


Fig. 1	Fig. 2	Fig. 3	Fig. 4
2.5 mm Ø	3.0 mm Ø	3.5 mm Ø	4.0 mm Ø
LMI 24855-01	LMI 24855-02	LMI 24855-03	LMI 24855-04



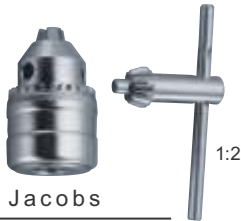
Fig. 7	Fig. 8	Fig. 9
8.0 mm Ø	12.0 mm Ø	16.0 mm Ø
LMI 24855-07	LMI 24855-08	LMI 24855-09



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

Hand drills

Surgery



Jacobs

280 mm – 11 "

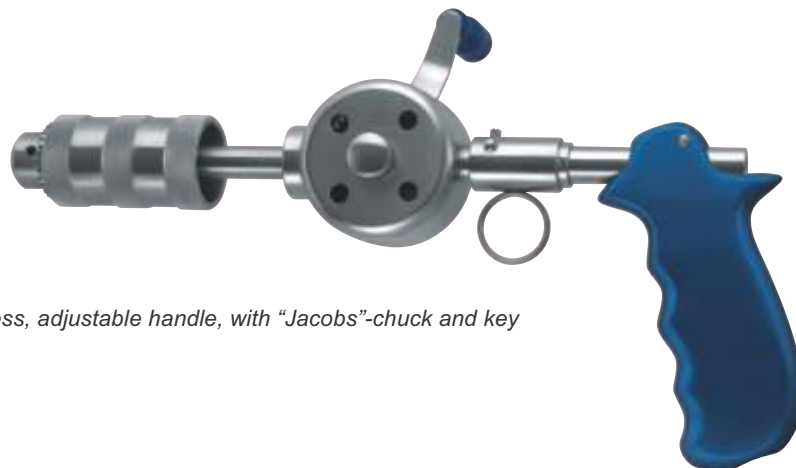
LMI 24864-06

Opening up to 6.35 mm Ø



LMI 24859-06

Opening up to 6.35 mm Ø



280 mm – 11 "

LMI 24863-00

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

1:3

Twist drills - Reamers

Surgery



1:2



1:2

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

AO shank Round shank



1:2

Perthes

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



1:2

140 mm – 5 1/2"
[LMI 24864-14](#)



1:2

140 mm – 5 1/2"
[LMI 24898-14](#)



LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

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

Lapa Master Industry 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 Surgical Instruments. At Lapa Master Industry, 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 on to production departments.

Forging Department

Lapa Master Industry 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 surgical instruments industry, defined as the process of cutting, shaping and finishing of an instrument. It is the process that includes turning, welding and fringing. At the Lapa Master Industry 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 craftsman 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.



LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

Manufacturing Process

Tungsten Carbide Department

Lapa Master Industry 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.



LAPA MASTER INDUSTRY

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SURGICAL INSTRUMENTS

