



# LAPA MASTER INDUSTRY

*Manufacturer & Exporter all kinds of Surgical, Dental Instruments*



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

ENT



## LAPA MASTER INDUSTRY

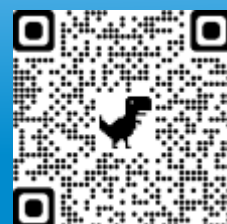
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# LAPA MASTER INDUSTRY

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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: 01<sup>st</sup> January 2021 to 31<sup>st</sup> 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.



# LAPA MASTER INDUSTRY

*Manufacturer & Exporter all kinds of Surgical, Dental Instruments*

## 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





## User Manual

"Red Brochure" of the [www.lapamasterind.com](http://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**

## Ear Specula





## Surgery



Toynbee	 1:1	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5mm Ø	5.5mm Ø	6.5mm Ø	7.5mm Ø
36mm – 1 1/2"	<a href="#">LMI 50010-11</a>	<a href="#">LMI 50010-12</a>	<a href="#">LMI 50010-13</a>	<a href="#">LMI 50010-14</a>
<a href="#">LMI 50010-03</a>		x	x	x
<a href="#">LMI 50010-04</a> x	x	x	x	x

Set, for adults



Richnau Holmgren	 1:1	 1:1	 1:1	 1:1
	Fig. 0	Fig. 1	Fig. 2	Fig. 3
	3mm Ø	4mm Ø	5mm Ø	6mm Ø
	<a href="#">LMI 50030-00</a>	<a href="#">LMI 50030-01</a>	<a href="#">LMI 50030-02</a>	<a href="#">LMI 50030-03</a>

## Ear Specula

## Surgery



Gruber	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	a=4.5mm	a=5.5mm	a=6.5mm	a=7.5mm
	<a href="#">LMI 50012-11</a>	<a href="#">LMI 50012-12</a>	<a href="#">LMI 50012-13</a>	<a href="#">LMI 50012-14</a>
<a href="#">LMI 50012-Q3</a>	x	x	x	x

Set for adults



Gruber	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5mm Ø	5.5mm Ø	6.5mm Ø	7.5mm Ø
	<a href="#">LMI 50013-11</a>	<a href="#">LMI 50013-12</a>	<a href="#">LMI 50013-13</a>	<a href="#">LMI 50013-14</a>
<a href="#">LMI 50013-Q3x</a>	x	x	x	x

Set for adults



Zöllner	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
	5.5x6.5mm	6.5x7.5mm	7.5x8.5mm	8.5x9.5mm	9.5x10.5mm	10.5x11.5mm
	<a href="#">LMI 50015-01</a>	<a href="#">LMI 50015-02</a>	<a href="#">LMI 50015-03</a>	<a href="#">LMI 50015-04</a>	<a href="#">LMI 50015-05</a>	<a href="#">LMI 50015-06</a>
<a href="#">LMI 50015-Q0x</a>	x	x	x	x	x	x

Set for adults, black



Politzer	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	2mm Ø	3mm Ø	4mm Ø	5mm Ø
	<a href="#">LMI 50018-11</a>	<a href="#">LMI 50018-12</a>	<a href="#">LMI 50018-13</a>	<a href="#">LMI 50018-14</a>
<a href="#">LMI 50018-Q3x</a>	x	x	x	x
<a href="#">LMI 50018-Q4x</a>	x	x	x	x

Set for adults

## Ear Specula

## Surgery



1:1

Boucheron				
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5mm Ø	5.5mm Ø	6.5mm Ø	7.5mm Ø
	LMI 50019-11	LMI 50019-12	LMI 50019-13	LMI 50019-14
LMI 50019-04x	x	x	x	x

Set for adults



1:1

Hartmann			
	Fig. 0	Fig. 1	Fig. 2
	3.0mm Ø	4.5mm Ø	5.5mm Ø
	LMI 50020-10	LMI 50020-11	LMI 50020-12
LMI 50020-03x	x	x	x

Set for children



1:1

Hartmann				
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5mm Ø	5.5mm Ø	6.5mm Ø	7.5mm Ø
	LMI 50022-11	LMI 50022-12	LMI 50022-13	LMI 50022-14
LMI 50022-03	x	x	x	x
LMI 50022-04x	x	x	x	x

Set for adults



1:1

Hartmann					
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	2.0mm Ø	3.5mm Ø	5.0mm Ø	6.5mm Ø	7.5mm Ø
	LMI 50023-11	LMI 50023-12	LMI 50023-13	LMI 50023-14	LMI 50023-15
LMI 50023-04	x	x	x	x	x

Set for adults, black

## Ear Specula

## Surgery




Three stainless steel ear specula (Fig. 1, Fig. 2, Fig. 3) and a black rubber bulb with a metal nozzle (Fig. 4). Scale bars 1:1 and 1:2 are shown.

Siegle

	Fig. 1	Fig. 2	Fig. 3	
	6.5mm Ø	7.0mm Ø	8.0mm Ø	
	<a href="#">LMI 50025-01</a>	<a href="#">LMI 50025-02</a>	<a href="#">LMI 50025-03</a>	<a href="#">LMI 50026-07</a>
<a href="#">LMI 50025-00</a> x	x	x	x	x

Set complete

[LMI 50025-10](#)  
Magnifyer, alone



Four stainless steel ear specula (Fig. 1, Fig. 2, Fig. 3, Fig. 4) and a black rubber bulb with a metal nozzle (Fig. 5). Scale bars 1:1 and 1:2 are shown.

Bruenings

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	
	6.5mm Ø	7.5mm Ø	8.5mm Ø	9.5mm Ø	
	<a href="#">LMI 50026-01</a>	<a href="#">LMI 50026-02</a>	<a href="#">LMI 50026-03</a>	<a href="#">LMI 50026-04</a>	<a href="#">LMI 50026-07</a>
<a href="#">LMI 50026-00</a> x	x	x	x	x	x

Set complete

[LMI 50026-10](#)  
Magnifyer, alone

## Tuning Forks

## Surgery



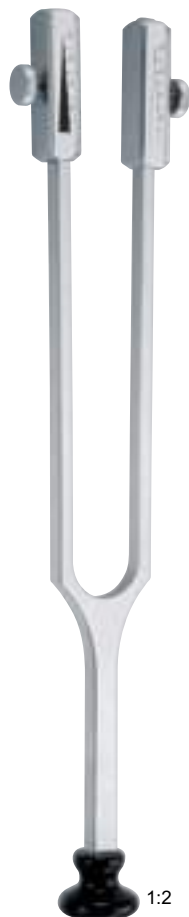
1:2

Lucae

c 128

**LMI 50035-10**

*variable up to h (engl. b)*



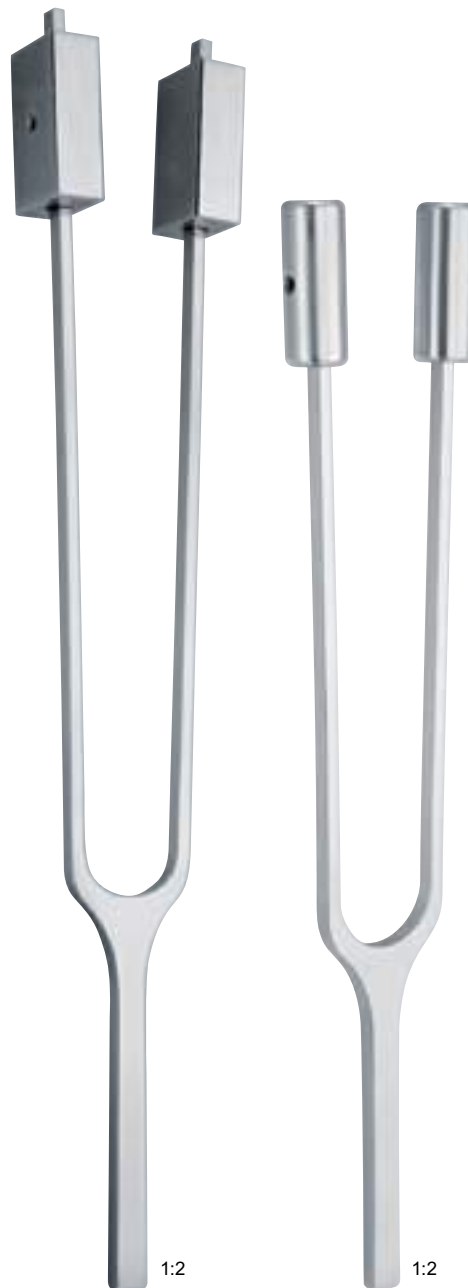
1:2

Rydel-Seiffer

C64/ c 128

**LMI 50036-11**

*with clamps C6 4, without clamps c 128*



1:2

1:2

French

C<sub>2</sub>16

**LMI 50040-07**

C<sub>1</sub>32

**LMI 50042-08**

## Tuning Forks

## Surgery



Hartmann

C64	c 128	c <sup>1</sup> 256
<a href="#">LMI 50044-09</a>	<a href="#">tk 50045-10</a>	<a href="#">tk 50047-11</a>

a<sup>1</sup> 440

[LMI 50078-09](#)

## Noise drum



Barany

[LMI 50300-00](#)



## Tuning Forks

## Surgery



Hartmann

c 128	c <sup>1</sup> 256	c <sup>2</sup> 512	c <sup>3</sup> 1024	c <sup>4</sup> 2048	C <sup>5</sup> 4096
<a href="#">LMI 50050-10</a>	<a href="#">LMI 50052-11</a>	<a href="#">LMI 50053-10</a>	<a href="#">LMI 50054-12</a>	<a href="#">LMI 50056-13</a>	<a href="#">LMI 50058-14</a>



Hartmann

[LMI 50050-00](#)

Set in case (LMI 50045-10, LMI 50047-11, LMI 50053-10, LMI 50054-12, LMI 50056-13)

## Tuning Forks

## Surgery



c 128	c <sup>1</sup> 256	c <sup>2</sup> 512	c <sup>3</sup> 1024	c <sup>4</sup> 2048
<a href="#">LMI 50250-01</a>	<a href="#">LMI 50250-02</a>	<a href="#">LMI 50250-03</a>	<a href="#">LMI 50250-04</a>	<a href="#">LMI 50250-05</a>

Aluminium











[LMI 50250-00](#)









Set in case (LMI 50250-1, LMI 50250-5)

## Ear Curettes

## Surgery



								
	1:1	1:1	1:1	1:1	1:1	1:1	1:1	1:1
Buck								
	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165mm-6 1/2"	LMI 50610-01	LMI 50610-02	LMI 50610-10	LMI 50610-11	LMI 50610-12	LMI 50610-13	LMI 50610-14	LMI 50610-15
blunt								

								
	1:1	1:1	1:1	1:1	1:1	1:1	1:1	1:1
	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165mm-6 1/2"	LMI 50611-01	LMI 50611-02	LMI 50611-10	LMI 50611-11	LMI 50611-12	LMI 50611-13	LMI 50611-14	LMI 50611-15
sharp								



















Pictures show the outer diameter.

## Ear Curettes

## Surgery



Buck								
	1:1	1:1	1:1	1:1	1:1	1:1	1:1	1:1
	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165mm-6 1/2"	LMI 50614-01	LMI 50614-02	LMI 50614-10	LMI 50614-11	LMI 50614-12	LMI 50614-13	LMI 50614-14	LMI 50614-15
<i>curved, blunt</i>								

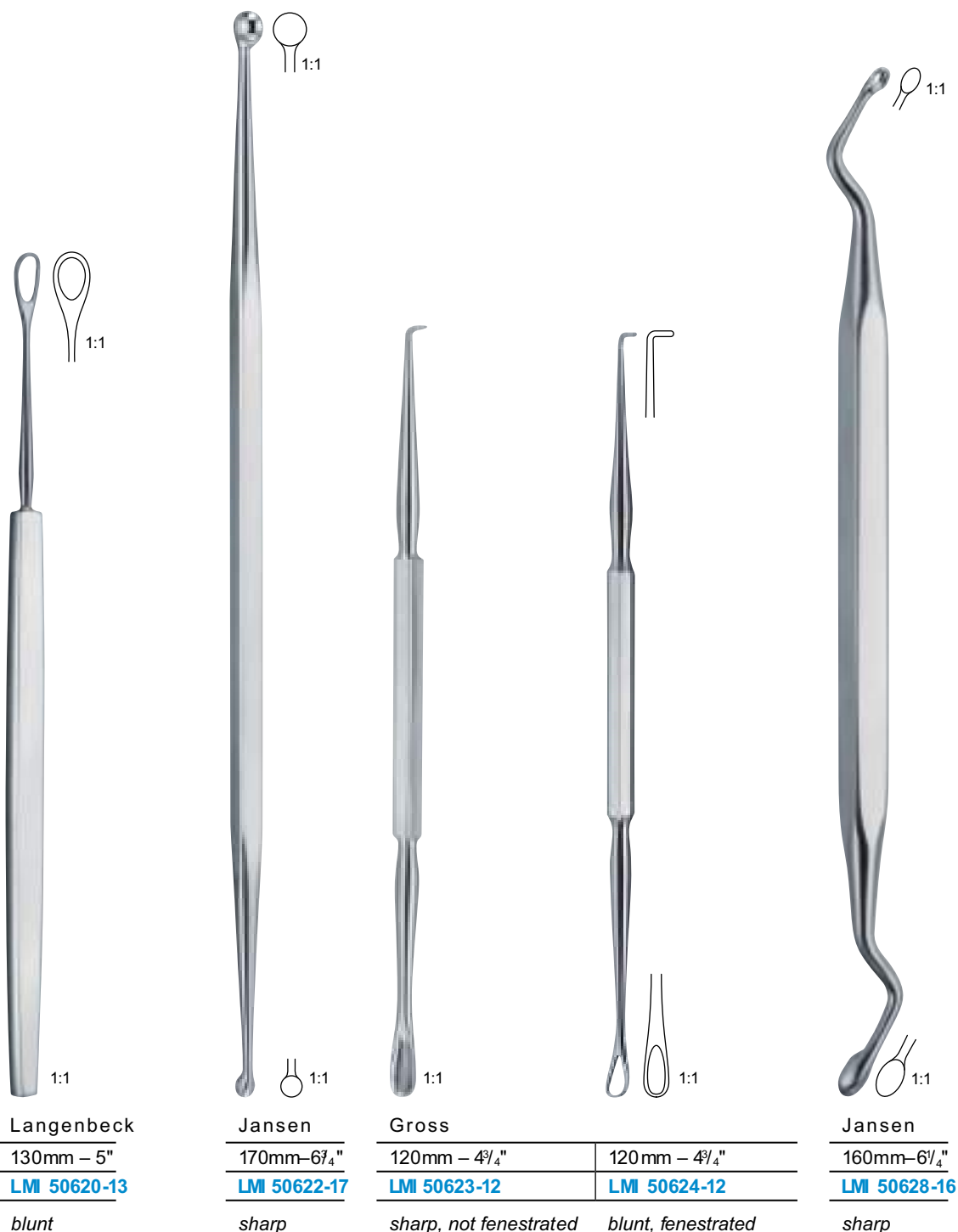
								
	1:1	1:1	1:1	1:1	1:1	1:1	1:1	
	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165mm-6 1/2"	LMI 50615-01	LMI 50615-02	LMI 50615-10	LMI 50615-11	LMI 50615-12	LMI 50615-13	LMI 50615-14	LMI 50615-15
<i>curved sharp</i>								



Pictures show the outer diameter.

## Ear Curettes and Sharp Spoons

## Surgery



## Ear Loops - Hooks

## Surgery

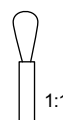


Billeau

165mm – 6½"



1:1



1:1



1:1

[LMI 50634-01](#)

[LMI 50634-02](#)

[LMI 50634-03](#)

1:2



Lucae

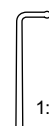
140mm – 5½"



1:1



1:1



1:1

[LMI 50644-01](#)

[LMI 50644-02](#)

[LMI 50644-03](#)

1:2



Wagener

140mm – 5½"



1:1



1:1



1:1



1:1



1:1



1:1



1:1

[LMI 50661-01](#)

[LMI 50661-02](#)

[LMI 50661-03](#)

[LMI 50661-04](#)

[LMI 50661-05](#)

[LMI 50661-06](#)

[LMI 50661-07](#)

1:2



## Ear Hooks - Knives

## Surgery



Day

160mm-6<sup>1</sup>/<sub>4</sub>"

**LMI 50665-01**

**LMI 50665-02**



1:1



1:1



Muck

135mm - 5<sup>1</sup>/<sub>4</sub>"

**LMI 50690-13**

1:2



Gerzog-Sexton

170mm - 6<sup>3</sup>/<sub>4</sub>"

**LMI 50705-17**

1:2



1:1



## Paracentesis Needles

## Surgery



1:2



1:1

Politzer

150mm – 6"

[LMI 50710-15](#)



1:1

Gerzog

160mm – 6 1/4"

[LMI 50712-16](#)



1:1

Buck

160mm – 6 1/4"

[LMI 50714-16](#)



1:2



1:2

Lucae

180mm – 7" [LMI 50761-18](#)

[LMI 50763-18](#)



1:2

Lucae

190mm – 7 1/2"

[LMI 50765-19](#)



1:2

Politzer

170mm – 6 3/4"

[LMI 50757-16](#)



1:2

Politzer

160mm – 6 1/4"

[tk 50753-16](#)

Needle vertical



1:2

160mm – 6 1/4"

[LMI 50755-16](#)

Needle horizontal



# LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

## Ear Polypus Snares

## Surgery



	10m – 33ft.
0.2mm Ø	<a href="#">LMI 50319-20</a>
0.3mm Ø	<a href="#">LMI 50319-30</a>



0.2mm Ø x 75mm	<a href="#">LMI 50320-20</a>
0.3mm Ø x 100mm	<a href="#">LMI 50320-30</a>

*in bundles of 12 pieces*



Krause

160mm – 6 1/4" [LMI 50311-16](#)



Krause-Voss

160mm – 6 1/4" [LMI 50313-16](#)

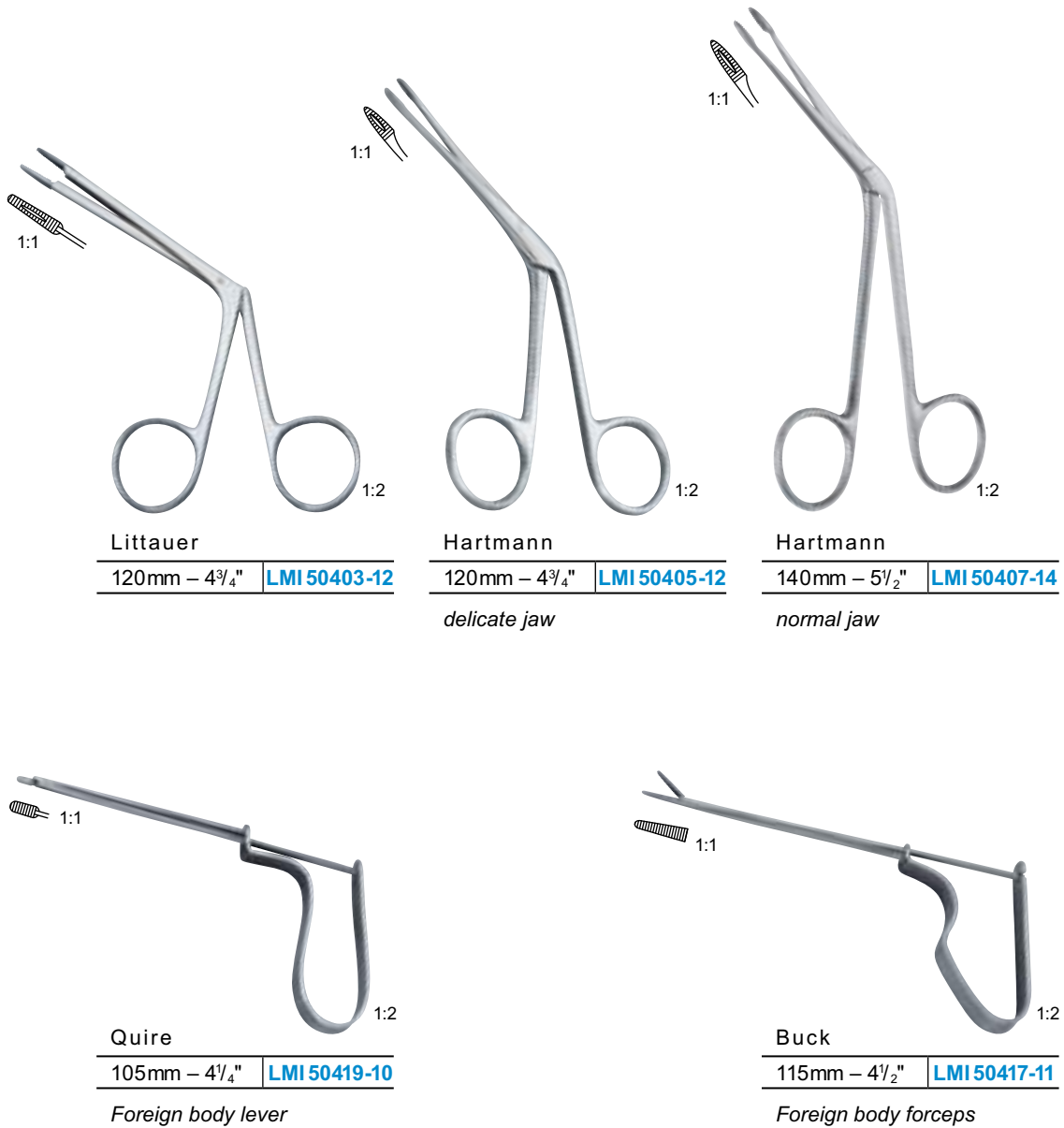


Lange-Wilde

170mm – 6 3/4" [LMI 50315-17](#)

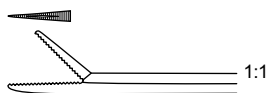
## Ear Polypus Forceps

## Surgery



## Ear Forceps

## Surgery



Hartmann-Wullstein

x=85 mm – 3 1/4" [LMI 50455-08](#)



Hartmann-Wullstein

	1 mm Ø
x=85 mm – 3 1/4"	<a href="#">LMI 50457-08</a>



Hartmann

x= 85 mm–3 1/4"	<a href="#">LMI 50459-08</a>
x= 140 mm–5 1/2"	<a href="#">LMI 50459-14</a>
x= 160 mm–6 1/4"	<a href="#">LMI 50459-16</a>



Hartmann

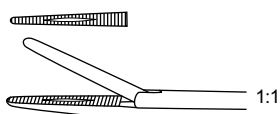
x= 85 mm–3 1/4"	<a href="#">LMI 50461-08</a>
x= 140 mm–5 1/2"	<a href="#">LMI 50461-14</a>

1x2



Hartmann-Weingärtner

x=85 mm – 3 1/4" [LMI 50467-08](#)



Hartmann-Noyes

x=90 mm – 3 1/2" [LMI 50463-09](#)



Hartmann

	x=85 mm – 3 1/4"
2.0 mm Ø	<a href="#">LMI 50469-01</a>
2.5 mm Ø	<a href="#">LMI 50469-02</a>
3.0 mm Ø	<a href="#">LMI 50469-03</a>

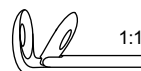


Struempel

x=85 mm – 3 1/4"	<a href="#">LMI 50472-08</a>
0°	



45°	<a href="#">LMI 50472-45</a>
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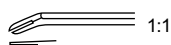
90°	<a href="#">LMI 50472-90</a>
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## Micro Ear Forceps

## Surgery



McGee



3.5mmx0.8mm [LMI 50430-00](#)

Wire bending forceps

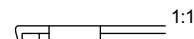
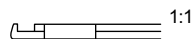
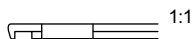
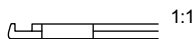
Fuller



80mm – 3 1/4" [LMI 50434-01](#)

Introducing forceps for teflon prosthesis

Dieter



x=80 mm – 3 1/4"

[LMI 50463-09](#)

[LMI 50432-02](#)

[LMI 50433-01](#)

[LMI 50433-02](#)

Malleus nipper

up-cutting

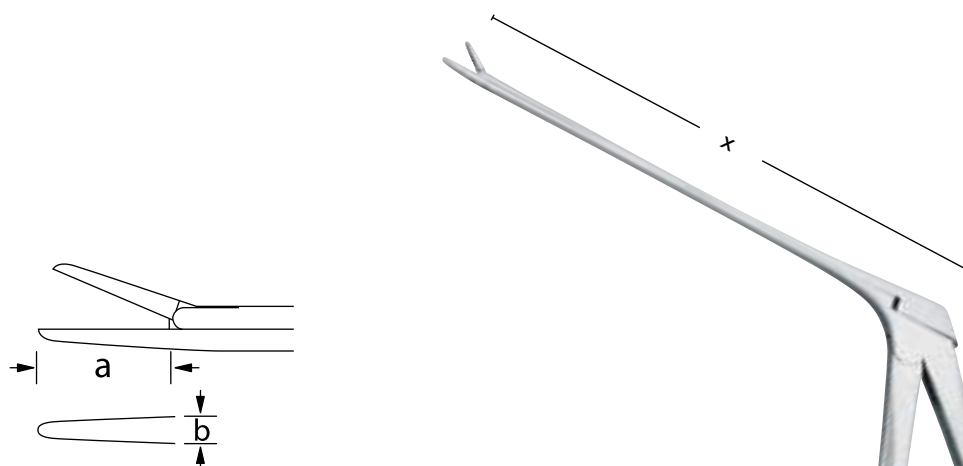
down-cutting



right-cutting

left-cutting







## Micro Ear Forceps

## Surgery



Mini McGee	 1:1	 1:1
a x b	x=75 mm – 3"	x=75 mm – 3"
3.5mmx0.6mm	<a href="#">LMI 50421-01</a>	<a href="#">LMI 50421-02</a>
	straight, smooth	straight, serrated



 1:1	 1:1	 1:1	
a x b	x=75 mm – 3"	x=75 mm – 3"	x=75 mm – 3"
3.5mmx0.6mm			<a href="#">LMI 50421-03</a>
4.0mmx0.8mm	<a href="#">LMI 50420-01</a>	<a href="#">LMI 50420-02</a>	<a href="#">LMI 50420-03</a>
straight, smooth		straight, serrated	curved upwards, serrated
 1:1	 1:1	 1:1	
a x b	x=75 mm – 3"	x=75 mm – 3"	x=75 mm – 3"
3.5mmx0.6mm	<a href="#">LMI 50421-04</a>	<a href="#">LMI 50421-05</a>	<a href="#">LMI 50421-06</a>
4.0mmx0.8mm	<a href="#">LMI 50420-04</a>	<a href="#">LMI 50420-05</a>	<a href="#">LMI 50420-06</a>
curved to right, serrated		curved to left, serrated	angled down, serrated

## Micro Cup Forceps

## Surgery



 1:1

 1:1

 1:1

	x=75 mm – 3"	x=75 mm – 3"	x=75 mm – 3"
a=4.0mm b=1.0mm x c=0.9mm	<a href="#">LMI 50424-10</a>	<a href="#">LMI 50424-11</a>	<a href="#">LMI 50424-12</a>

straight, oval

curved upwards, oval

curved to left, oval

 1:1

 1:1

	x=75 mm – 3"	x=75 mm – 3"
a=4.0mm b=1.0mm x c=0.9mm	<a href="#">LMI 50424-13</a>	<a href="#">LMI 50424-14</a>

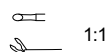
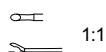
curved to right, oval

curved downwards, oval



## Micro Cup Forceps

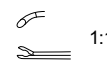
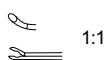
## Surgery



	$x = 80 \text{ mm} - 3\frac{1}{4}"$	$x = 80 \text{ mm} - 3\frac{1}{4}"$
$a = 3.5 \text{ mm}$ $b = 0.6 \text{ mm} \times \varnothing 0.5 \text{ mm}$	<a href="#">LMI 50425-01</a>	<a href="#">LMI 50425-02</a>
$a = 4.0 \text{ mm}$ $b = 1.0 \text{ mm} \times \varnothing 0.9 \text{ mm}$	<a href="#">LMI 50424-01</a>	<a href="#">LMI 50424-02</a>

*straight, oval*

*curved upwards, oval*



	$x = 80 \text{ mm} - 3\frac{1}{4}"$	$x = 80 \text{ mm} - 3\frac{1}{4}"$
$a = 3.5 \text{ mm}$ $b = 0.6 \text{ mm} \times \varnothing 0.5 \text{ mm}$	<a href="#">LMI 50425-03</a>	<a href="#">LMI 50425-04</a>
$a = 4.0 \text{ mm}$ $b = 1.0 \text{ mm} \times \varnothing 0.9 \text{ mm}$	<a href="#">LMI 50424-03</a>	<a href="#">LMI 50424-04</a>



*curved to right, oval*



*curved to left, oval*


## Micro Ear Scissors

## Surgery



Belucci		
	 1:1	 1:1
a x b	x=75 mm – 3"	x=75 mm – 3"
4.0mmx0.8mm	<a href="#">LMI 50426-07</a>	<a href="#">LMI 50426-02</a>
very fine	straight, sharp/sharp	curved upwards, blunt/blunt





	 1:1	 1:1
a x b	x=75 mm – 3"	x=75 mm – 3"
4.0mmx0.8mm	<a href="#">LMI 50426-05</a>	<a href="#">LMI 50426-06</a>
very fine	curved to right, sharp/sharp	curved to left, sharp/sharp

	 1:1
	x=75 mm – 3"
4.0mmx0.8mm	<a href="#">LMI 50426-08</a>
	straight, sharp/blunt

## Micro Ear Scissors

## Surgery


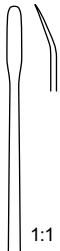





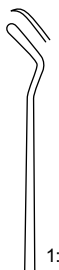
Wullstein  1:1		 1:1	
a x b	x=80 mm – 3 1/4"	x=80 mm – 3 1/4"	
4.0mmx0.8mm	<a href="#">LMI 50427-01</a>	<a href="#">LMI 50427-02</a>	
	straight, sharp/sharp	curved upwards, sharp/sharp	
Wullstein  1:1		 1:1	
a x b	x=80 mm – 3 1/4"	x=80 mm – 3 1/4"	
4.0mmx0.8mm	<a href="#">LMI 50427-03</a>	<a href="#">LMI 50427-04</a>	
	curved to right, sharp/sharp	curved to left, sharp/sharp	



## Micro Ear-Raspatories and Probes

## Surgery



Plester			
	1:1	1:1	1:1
	160mm-6 1/4" <a href="#">LMI 50530-00</a>	<a href="#">LMI 50531-00</a>	<a href="#">LMI 50532-00</a>
	Wire guide	Raspatory	Elevator

		
1:1	1:1	1:1
1.8mm	1.0mm	
160mm-6 1/4" <a href="#">LMI 50533-00</a>	<a href="#">LMI 50534-00</a>	<a href="#">LMI 50535-00</a>
Raspatory	Raspatory	Dissector, double curved left


	
1:1	1:1
160mm-6 1/4" <a href="#">LMI 50536-00</a>	<a href="#">LMI 50537-00</a>
Dissecbr, double curved right	Instrument for placing wire prothesis

House	
	160mm-6 1/4"
3.5mm	<a href="#">LMI 50571-01</a>
4.0mm	<a href="#">LMI 50571-02</a>
4.5mm	<a href="#">LMI 50571-03</a>
5.0mm	<a href="#">LMI 50571-04</a>
Measuring rod	

## Surgery




1:1



1:1



1:1



1:1

1:1

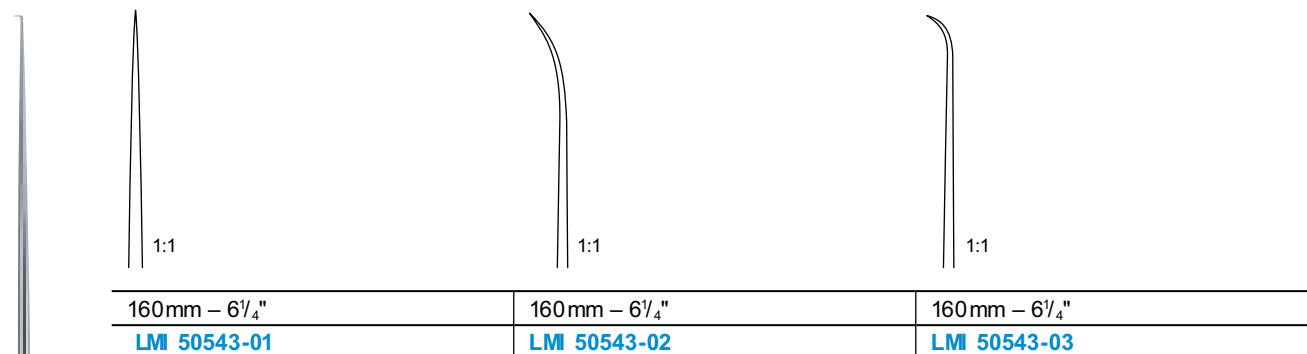
1:

1:1

*Raspatory*

## Micro Ear-Needles and Hooks

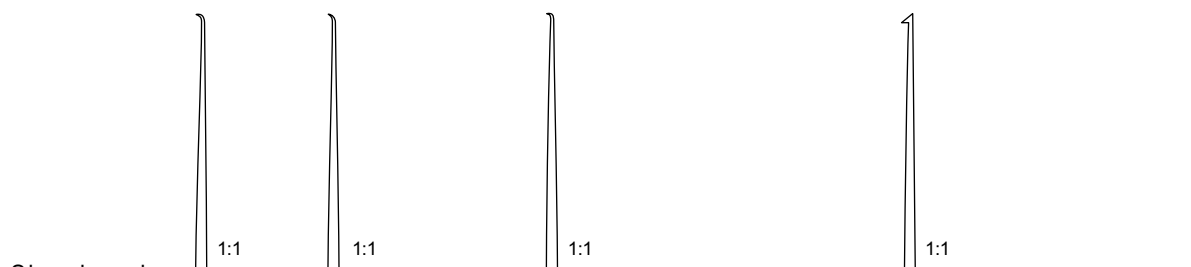
## Surgery



Needle fine, straight, sharp

Needle, slightly curved, sharp

Needle, strong curved, sharp



Shambaugh

	160mm–6 1/4"	160mm–6 1/4"
	45°	90°
0.4mm	<b>LMI 50544-04</b>	<b>tk 50545-04</b>
0.6mm	<b>LMI 50544-06</b>	<b>tk 50545-06</b>
0.8mm	<b>LMI 50544-08</b>	<b>tk 50545-08</b>
1.0mm	<b>LMI 50544-10</b>	<b>tk 50545-10</b>

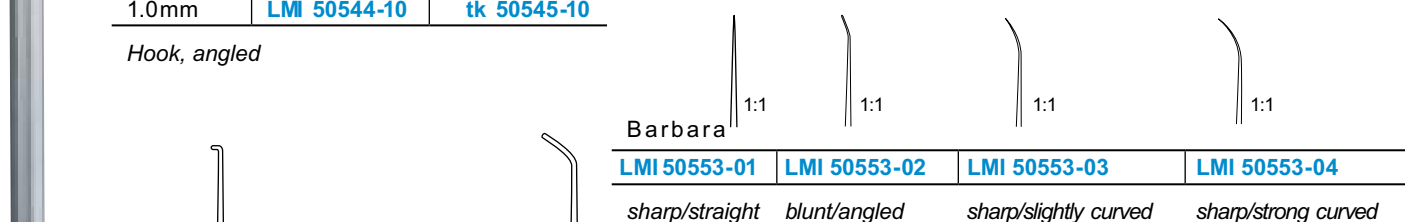
Hook, angled

	160mm – 6 1/4"
1.0 mm	<b>LMI 50546-10</b>
2.5mm	<b>LMI 50546-25</b>

Hook, retrograd

	160mm – 6 1/4"
0.6mm	<b>LMI 50547-01</b>

Hook, retrograd



Barbara

1:1

Plester

0.4mm – 90° **LMI 50548-01**

Foot plate hook, angled, blunt

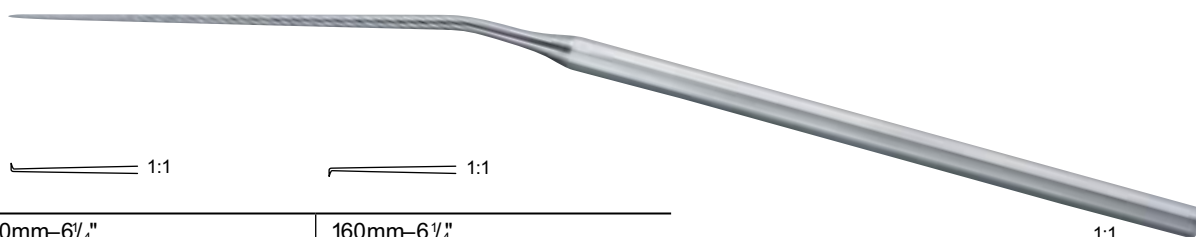
Plester

1.0mm – 45° **LMI 50549-01**

Antrum hook, angled, blunt

## Micro Ear-Needles and Hooks

## Surgery



### Shambaugh

	160mm-6 1/4"	160mm-6 1/4"
	90°	90°
0.3mm	<a href="#">LMI 50558-03</a>	<a href="#">LMI 50559-03</a>
0.6mm	<a href="#">LMI 50558-06</a>	<a href="#">LMI 50559-06</a>
1.0mm	<a href="#">LMI 50558-10</a>	<a href="#">LMI 50559-10</a>

Hook, curved up

Hook, curved down

### Barbara

	0.5mm
155mm - 6"	<a href="#">tk 50562-01</a>

### McGee

	160mm-6 1/4"	160mm-6 1/4"
0.5mm	<a href="#">LMI 50560-05</a>	<a href="#">LMI 50561-05</a>
1.0mm	<a href="#">LMI 50560-10</a>	<a href="#">LMI 50561-10</a>

Hook, round, curved up

Hook, round, curved down

### Rosen

	0.5mm
160mm - 6 1/4"	<a href="#">LMI 50562-04</a>

Needle, slightly curved

### McGee

	160mm-6 1/4"	160mm-6 1/4"	160mm-6 1/4"	160mm-6 1/4"
	25°	25°	45°	45°
0.3mm	<a href="#">LMI 50563-03</a>	<a href="#">LMI 50564-03</a>	<a href="#">LMI 50565-03</a>	<a href="#">LMI 50566-03</a>
0.6mm	<a href="#">LMI 50563-06</a>	<a href="#">LMI 50564-06</a>	<a href="#">LMI 50565-06</a>	<a href="#">LMI 50566-06</a>
1.0mm	<a href="#">LMI 50563-10</a>	<a href="#">LMI 50564-10</a>	<a href="#">LMI 50565-10</a>	<a href="#">LMI 50566-10</a>

Hook, curved up

Hook, curved down

Hook, curved up

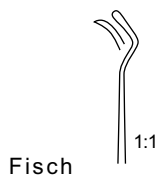
Hook, curved down





## Micro Ear-Raspatories

## Surgery

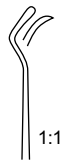


Fisch

155mm – 6"

**LMI 50568-01**

*angled to the right*

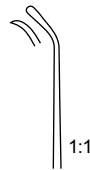


1:1

155mm – 6"

**LMI 50568-02**

*angled to the left*



1:1

155mm – 6"

**LMI 50569-01**

*angled to the right*



1:1

155mm – 6"

**LMI 50569-02**

*angled to the left*



**LMI 50590-00**

*Rack for 8 each micro ear instruments with hexagonal or octagonal handle*



# LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

## Micro Ear-Spoons

## Surgery



House

170mm – 6<sup>3</sup>/<sub>4</sub>" **LMI 50573-01**

*Spoon, strong curved*

170mm – 6<sup>3</sup>/<sub>4</sub>" **LMI 50573-02**

*Spoon, slightly curves*



Shea

1:1



1:1

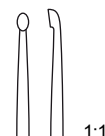
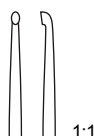
	1.5mmx2.5mm	1.5mmx2.5mm
160mm–6 <sup>1</sup> / <sub>4</sub> "	<b>LMI 50572-01</b>	<b>LMI 50572-02</b>

*straight*

*curved*

## Micro Ear-Spoons

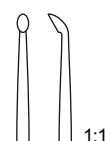
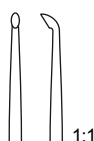
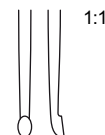
## Surgery



House

	1.0mm Ø und 1.2mm Ø	1.5mm Ø und 1.8mm Ø
150mm – 6"	tk 50574-01	LMI 50574-02

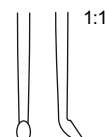
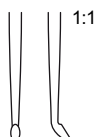
Spoon, slightly curved



House

	1.0mm Ø und 1.2mm Ø	1.5mm Ø und 1.8mm Ø
150mm – 6"	tk 50575-01	LMI 50575-02

Spoon strong curved



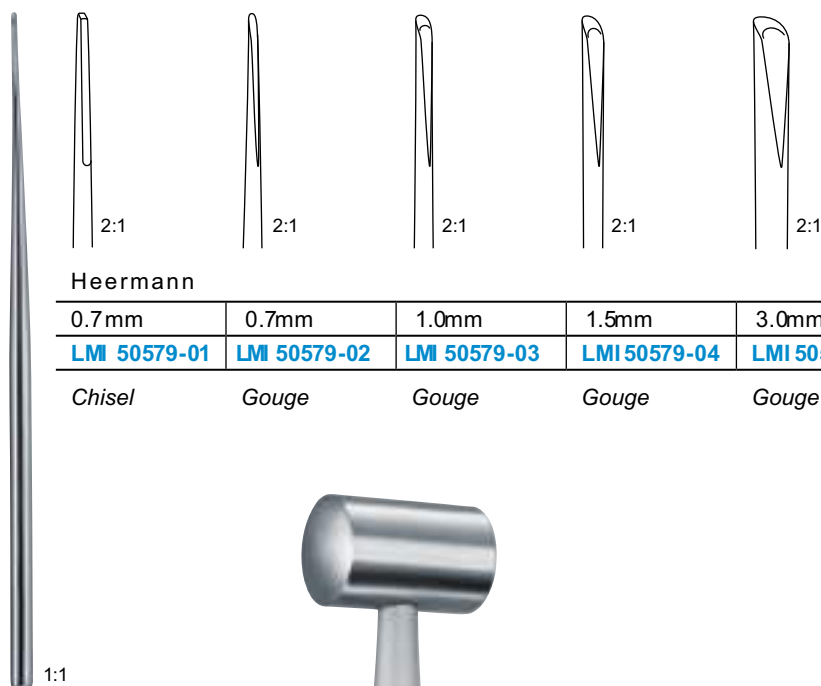


# LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

## Micro Ear-Chisels and Hammers

## Surgery



Heermann

0.7mm	0.7mm	1.0mm	1.5mm	3.0mm
<a href="#">LMI 50579-01</a>	<a href="#">LMI 50579-02</a>	<a href="#">LMI 50579-03</a>	<a href="#">LMI 50579-04</a>	<a href="#">LMI 50579-05</a>
Chisel	Gouge	Gouge	Gouge	Gouge



Cottle

	240g
185mm – 7 1/4"	<a href="#">LMI 50581-19</a>

Metal hammer



Heermann

[LMI 50580-10](#)

Handle for chisels (LMI 50579-01 - LMI 50579-05)



## Ear-Raspatories

## Surgery



Wullstein

160mm-6 $\frac{1}{4}$ "	<a href="#">LMI 50578-01</a>	<a href="#">LMI 50578-02</a>
-------------------------	------------------------------	------------------------------

straight

curved



Rosen

175mm - 7"	<a href="#">LMI 50783-00</a>
------------	------------------------------

bayonet shaped



Lempert

160mm-6 $\frac{1}{4}$ "	<a href="#">LMI 50784-02</a>
3.0mm	

## Bone-Roungeurs

## Surgery



Citelli



170mm – 6<sup>3</sup>/<sub>4</sub>"

2.2mm

3.0mm

x=60mm

[LMI 50491-02](#)

[LMI 50491-03](#)



Kerrison



200mm – 8"

3x3mm

4x4mm

5x5mm

6x6mm

x=80mm

[LMI 51251-00](#)

[LMI 51251-01](#)

[LMI 51251-02](#)

[LMI 51251-03](#)

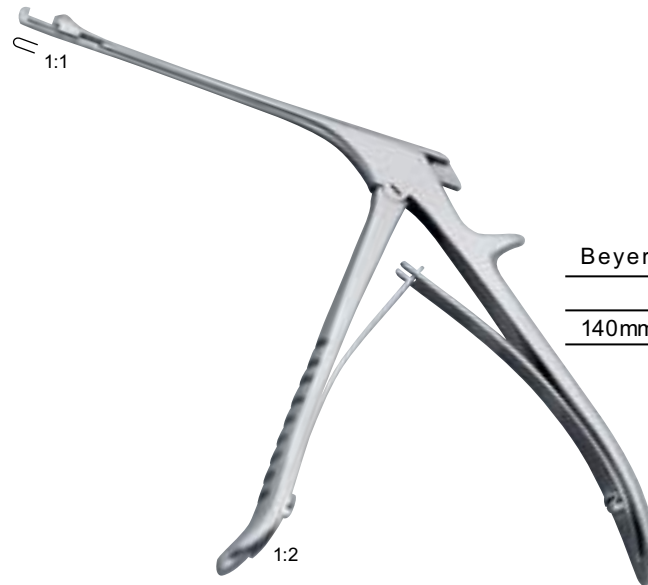


# LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

## Bone-Rongeurs

## Surgery



Beyer

	1 mm
140mm – 5½"	<a href="#">LMI 50494-14</a>

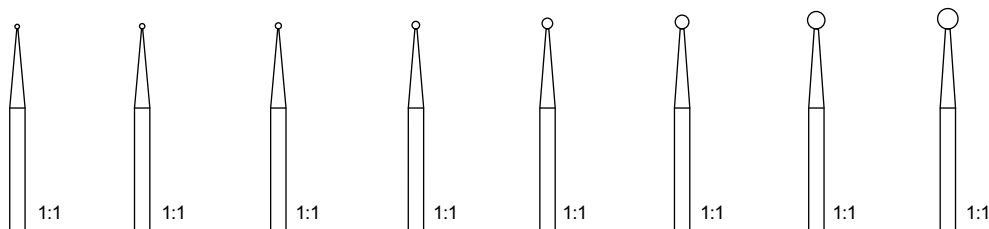


Beyer

	2 mm
190mm – 7½"	<a href="#">LMI 50493-19</a>

## Burrs

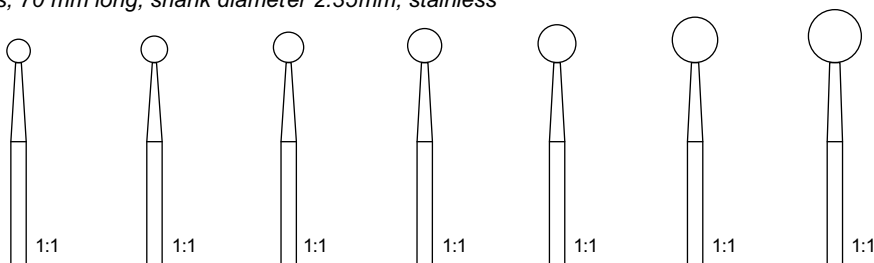
## Surgery



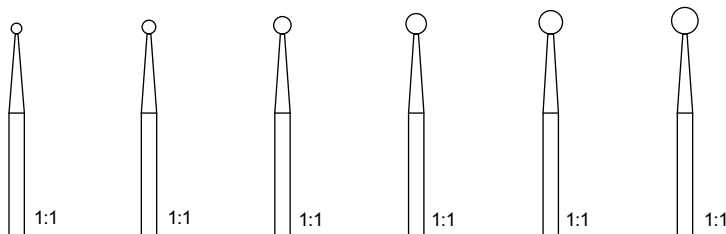
„Rosen“-Bohrer

	0.6mm Ø	0.7mm Ø	0.8mm Ø	1.0mm Ø	1.4mm Ø	1.8mm Ø	2.3mm Ø	2.7mm Ø
70mm–2 $\frac{3}{4}$ "	<a href="#">LMI 52814-06</a>	<a href="#">LMI 52814-07</a>	<a href="#">LMI 52814-08</a>	<a href="#">LMI 52814-10</a>	<a href="#">LMI 52814-14</a>	<a href="#">LMI 52814-18</a>	<a href="#">LMI 52814-23</a>	<a href="#">LMI 52814-27</a>

„Rosen“ burrs, 70 mm long, shank diameter 2.35mm, stainless



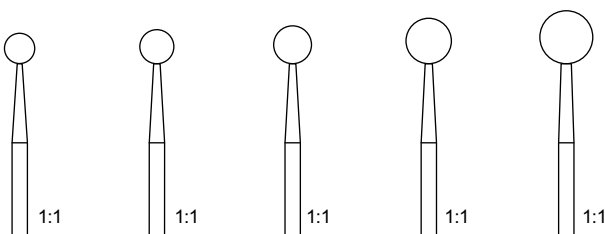
	3.1mm Ø	3.5mm Ø	4.0mm Ø	4.5mm Ø	5.0mm Ø	6.0mm Ø	7.0mm Ø
70mm–2 $\frac{3}{4}$ "	<a href="#">LMI 52814-31</a>	<a href="#">LMI 52814-35</a>	<a href="#">LMI 52814-40</a>	<a href="#">LMI 52814-45</a>	<a href="#">LMI 52814-50</a>	<a href="#">LMI 52814-60</a>	<a href="#">LMI 52814-70</a>



„Rosen“-Bohrer

	1.4mm Ø	1.8mm Ø	2.3mm Ø	2.7mm Ø	3.1mm Ø	3.5mm Ø
95mm–3 $\frac{3}{4}$ "	<a href="#">LMI 52816-14</a>	<a href="#">LMI 52816-18</a>	<a href="#">LMI 52816-23</a>	<a href="#">LMI 52816-27</a>	<a href="#">LMI 52816-31</a>	<a href="#">LMI 52816-35</a>

„Rosen“ burrs, 95mm long, shank diameter 2.35mm, stainless



	4.0mm Ø	4.5mm Ø	5.0mm Ø	6.0mm Ø	7.0mm Ø
95mm–3 $\frac{3}{4}$ "	<a href="#">LMI 52816-40</a>	<a href="#">LMI 52816-45</a>	<a href="#">LMI 52816-50</a>	<a href="#">LMI 52816-60</a>	<a href="#">LMI 52816-70</a>



## Nasal Specula

## Surgery



1:2

Thudichum  
(Goldsmith)

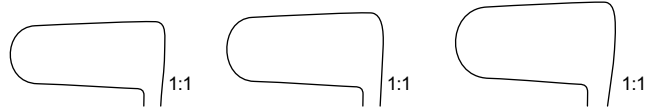
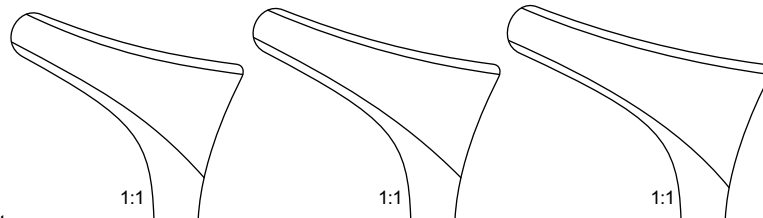


	Fig. 5	Fig. 6	Fig. 7
	19mmx9.5mm	20mmx10.5mm	21mmx11.5mm
65mm-2½"	<a href="#">LMI 50808-01</a>	<a href="#">LMI 50808-02</a>	<a href="#">LMI 50808-03</a>



1:2

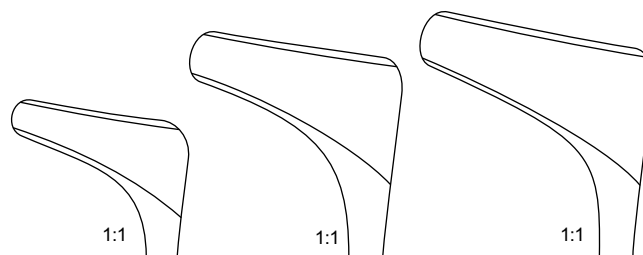


Hartmann

160mm-6¼"	<a href="#">LMI 50812-01</a>	<a href="#">LMI 50812-02</a>	<a href="#">LMI 50812-03</a>
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1:2



Hartmann-Halle

150mm - 6"	<a href="#">LMI 50813-01</a>	<a href="#">LMI 50813-02</a>	<a href="#">LMI 50813-03</a>
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All nasal specula are also available with locking screw



## Nasal Specula

## Surgery



Tieck-Halle

135mm – 5 $\frac{1}{4}$ "

[LMI 50822-13](#)

for babies



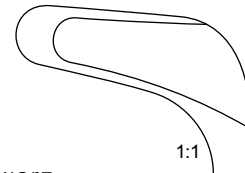
1:1



Schwarz

140mm – 5 $\frac{1}{2}$ "

[LMI 50811-14](#)



1:1



Killian

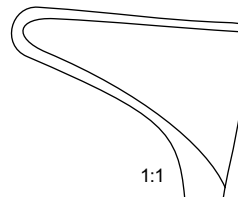
x=35mm

x=50mm

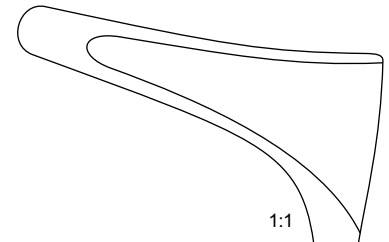
130mm – 5"

[LMI 50828-01](#)

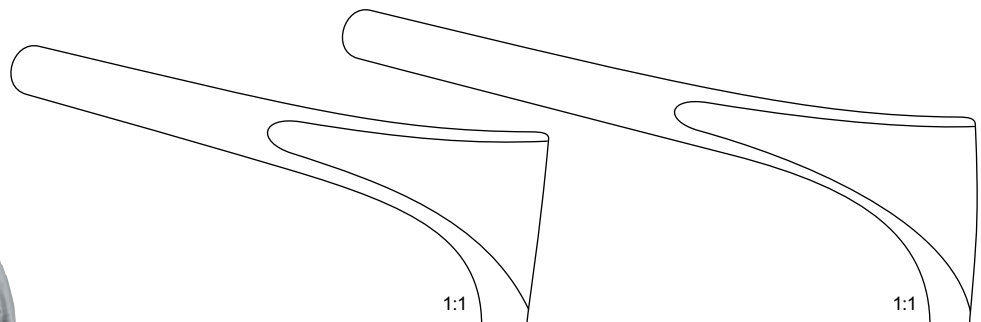
[LMI 50828-02](#)



1:1



1:1



1:1

1:1

x=75mm

x=90mm

130mm – 5"

[LMI 50828-03](#)

[LMI 50828-04](#)



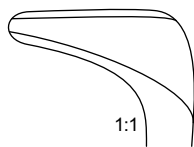
## Nasal Specula

## Surgery

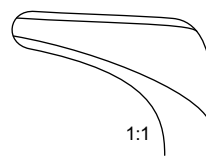


Beckmann

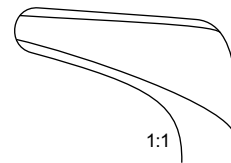
150mm – 6"



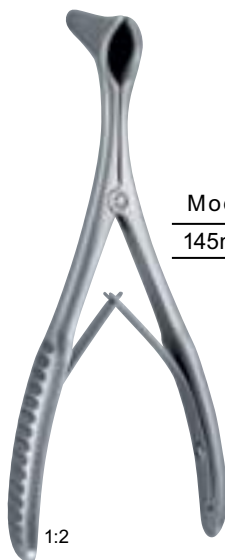
LMI 50830-01



LMI 50830-02

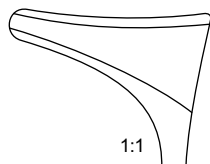


LMI 50830-03

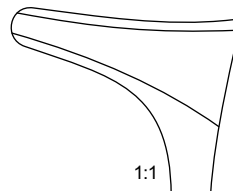


Mod. Wien

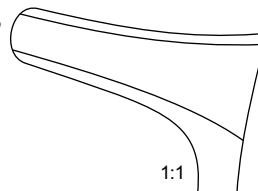
145mm – 5 3/4"



LMI 50834-01



LMI 50834-02



LMI 50834-03

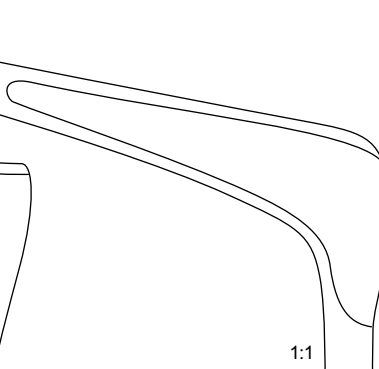
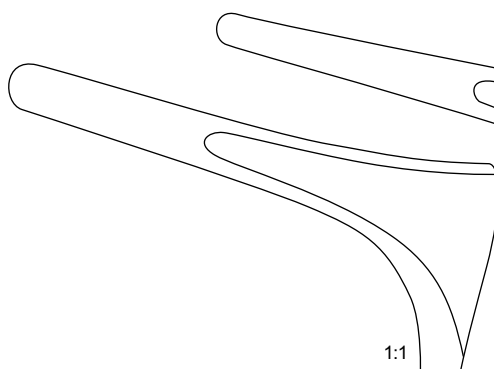
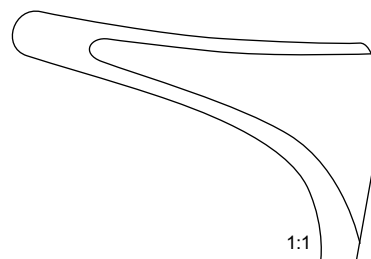
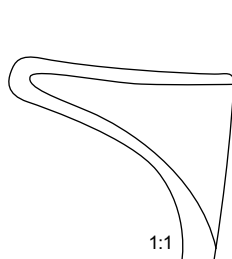
## Nasal Specula

## Surgery



Cottle

	x=35mm	x=50mm
150mm – 6"	<a href="#">LMI 50836-35</a>	<a href="#">LMI 50836-50</a>



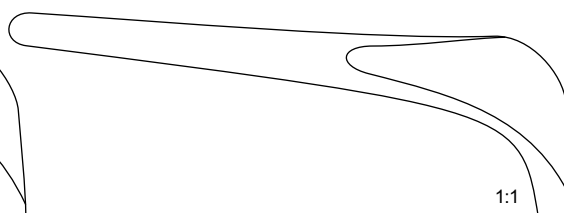
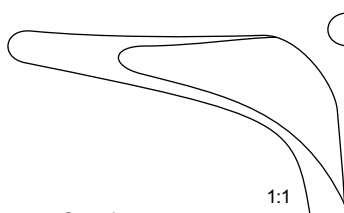
	x=75mm	x=90mm
150mm – 6"	<a href="#">LMI 50836-75</a>	<a href="#">LMI 50836-90</a>



Cottle

	x=45mm	x=75mm
140mm – 5 1/2"	<a href="#">LMI 50840-45</a>	<a href="#">LMI 50840-75</a>

black, chrome plated



## Nasal Polypus and Septum Forceps

## Surgery



Westmacott

200mm – 8"	<a href="#">LMI 51065-20</a>
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Lubet-Barbon

200mm – 8"	<a href="#">LMI 51066-20</a>
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Hartmann

160mm – 6 $\frac{1}{4}$ "	<a href="#">LMI 51067-16</a>
200mm – 8"	<a href="#">LMI 51071-20</a>

## Nasal Dressing Forceps

## Surgery



Noyes

x = 110mm – 3 $\frac{1}{2}$ "	<a href="#">LMI 50465-09</a>
-------------------------------	------------------------------

1x2



## Nasal Polypus and Septum Forceps

## Surgery



Tilley

140mm – 5½"

**LMI 51068-14**



Heymann-Knight

180mm – 7"

**LMI 51069-18**



Craig

180mm – 7"

**LMI 51116-18**

## Nasal Polypus

## Surgery



Heymann

180mm – 7"



1:1



1:1

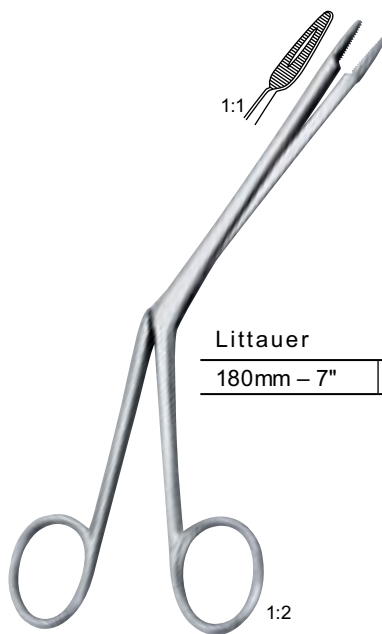


1:1

[LMI 51095-01](#)

[LMI 51095-02](#)

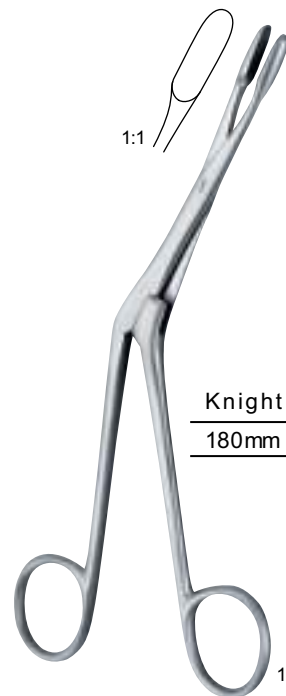
[LMI 51095-03](#)



Littauer

180mm – 7"

[LMI 51079-18](#)



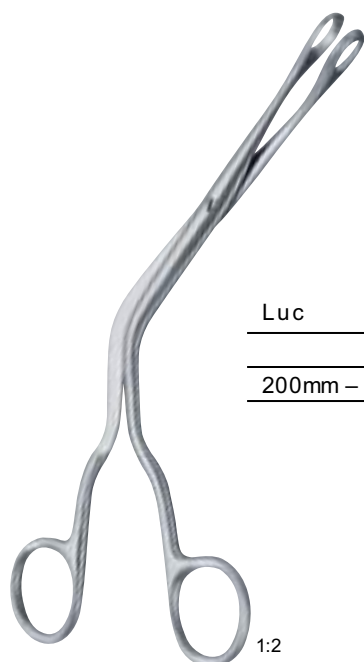
Knight

180mm – 7"

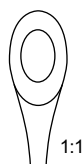
[LMI 51099-18](#)

## Nasal Cutting Forceps

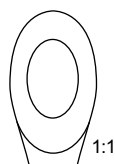
## Surgery



Luc



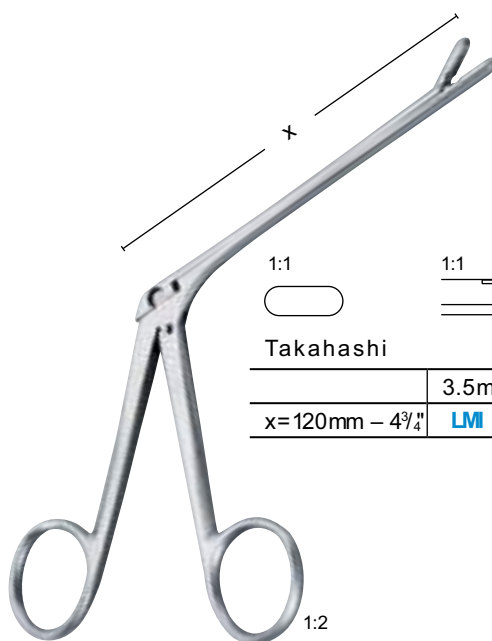
1:1



1:1



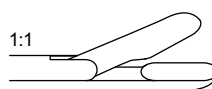
	Fig. 1	Fig. 2	Fig. 1	Fig. 2
200mm – 8"	<b>LMI 51121-01</b>	<b>LMI 51121-02</b>	<b>LMI 51120-01</b>	<b>LMI 51120-02</b>
	<i>fenestrated</i>		<i>plaine</i>	



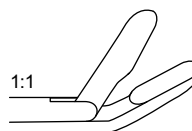
1:1



1:1



1:1



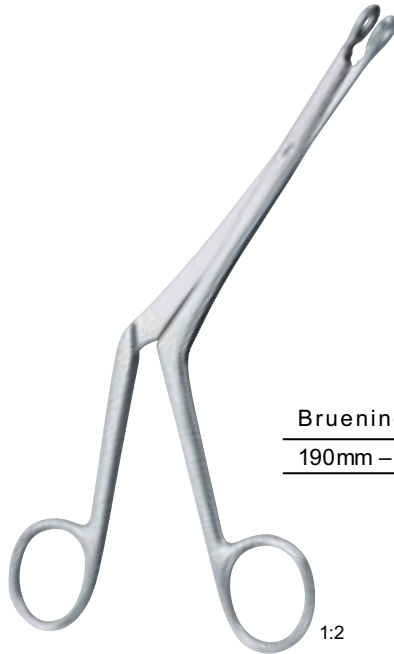
Takahashi

	3.5mmx10mm	3.5mmx10mm
x=120mm – 4 <sup>3</sup> / <sub>4</sub> "	<b>LMI 51131-12</b>	<b>LMI 51133-12</b>



## Nasal Cutting Forceps

## Surgery

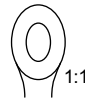


Bruenings

190mm – 7½"



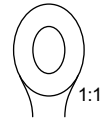
1:1



1:1



1:1



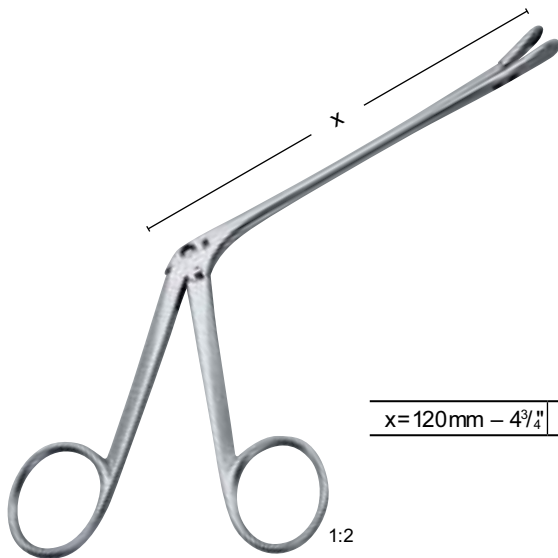
1:1

[LMI 51123-01](#)

[LMI 51123-02](#)

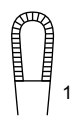
[LMI 51123-03](#)

[LMI 51123-04](#)



1:1

Weil



1:1

Watson-Williams



1:1

x=120mm – 4¾"

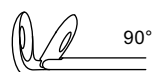
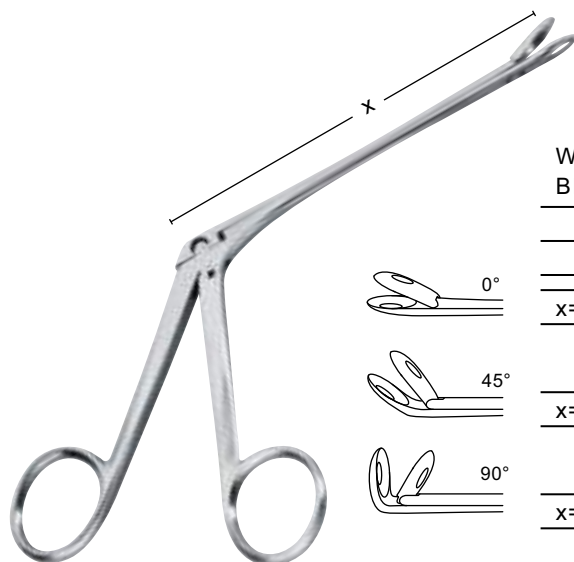
[LMI 51147-12](#)

[LMI 51141-10](#)

[LMI 51143-12](#)

## Nasal Cutting Forceps

## Surgery



Weil-Blakesley



	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	a=3.0mm	a=3.5mm	a=4.5mm	a=5.0mm	a=5.5mm
x=120mm – 4 3/4"	LMI 51155-01	LMI 51155-02	LMI 51155-03	LMI 51155-04	LMI 51155-05

x=120mm – 4 3/4"	LMI 51158-01	LMI 51158-02	LMI 51158-03	LMI 51158-04	
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x=120mm – 4 3/4"	LMI 51159-01	LMI 51159-02	LMI 51159-03		
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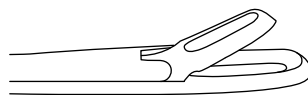
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	a=3.0mm	a=3.5mm	a=4.5mm	a=5.0mm	a=5.5mm
x=180mm – 7"	LMI 51160-01	LMI 51160-02	LMI 51160-03	LMI 51160-04	LMI 51160-05

x=180mm – 7"	LMI 51161-01	LMI 51161-02	LMI 51161-03	LMI 51161-04	
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Hartmann

x=120mm – 4 3/4"	tk 51165-01	tk 51165-02	tk 51165-03	LMI 51165-04
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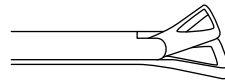


Myles

	Fig. 1	Fig. 2	Fig. 3
	2.0x10.0mm	2.5x12.0mm	3.0x14.0mm
x=120mm – 4 3/4"	tk 51162-01	tk 51162-02	tk 51162-03

## Nasal Cutting Forceps

## Surgery



Schmeden

x=120mm – 4<sup>3</sup>/<sub>4</sub>"



1:1



1:1

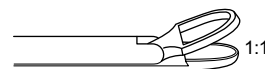


1:1

[LMI 51171-11](#)

[LMI 51171-12](#)

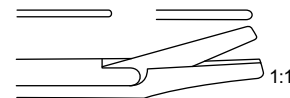
[LMI 51171-13](#)



Tomati

x=120mm – 4<sup>3</sup>/<sub>4</sub>"

[LMI 51173-12](#)



Struycken

x=120mm – 4<sup>3</sup>/<sub>4</sub>"

0.9mm

1.2mm

[LMI 51174-01](#)

[LMI 51174-02](#)



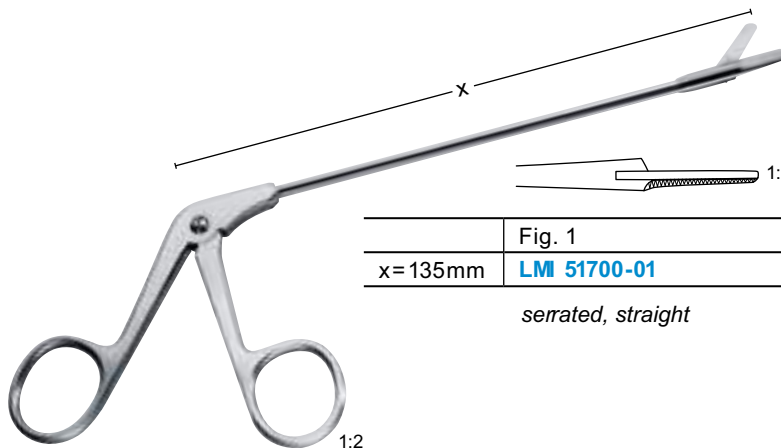
Henke

x=120mm – 4<sup>3</sup>/<sub>4</sub>"

[LMI 51176-01](#)

## Nasal Scissors

## Surgery



1:1



1:1



1:1

x=135mm

Fig. 1

[LMI 51700-01](#)

Fig. 2

[LMI 51700-02](#)

Fig. 3

[LMI 51700-03](#)

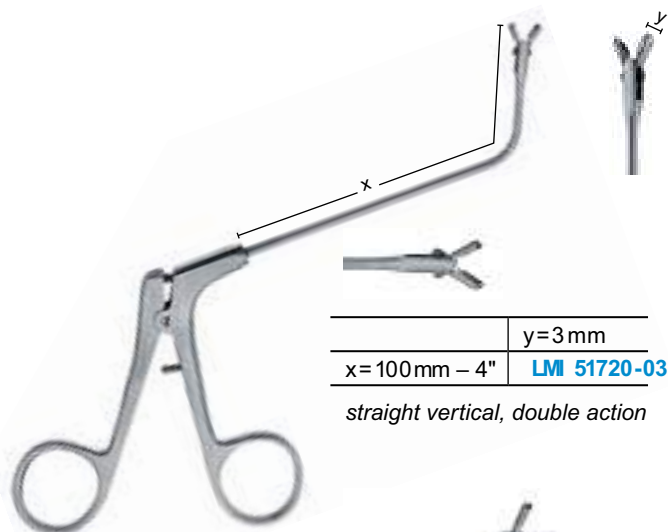
serrated, straight

serrated, right

serrated, left

## Nasal Cutting Forceps

## Surgery



	y=3mm
x=100mm – 4"	<a href="#">LMI 51720-03</a>
straight vertical, double action	

	y=3mm
x=100mm – 4"	<a href="#">LMI 51722-03</a>
straight hor., double action	

	y=3mm
x=100mm – 4"	<a href="#">LMI 51723-03</a>
straight hor., single action, short	

	y=3mm
x=100mm – 4"	<a href="#">LMI 51724-03</a>
45° vertical, double action	

	y=3mm
x=100mm – 4"	<a href="#">LMI 51727-03</a>
45° hor., double action	

	y=3mm
x=100mm – 4"	<a href="#">LMI 51726-03</a>
45° vert., single action, short	

	y=3mm
x=100mm – 4"	<a href="#">LMI 51730-03</a>
70° vertical, double action	

	y=3mm
x=100mm – 4"	<a href="#">LMI 51732-03</a>
70° hor., double action	

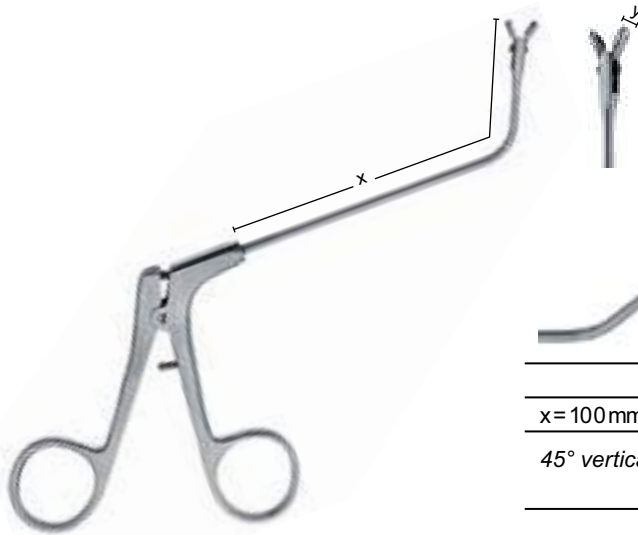
	y=3mm
x=100mm – 4"	<a href="#">LMI 51740-03</a>
110° hor., double action	

	y=3mm
x=100mm – 4"	<a href="#">LMI 51731-03</a>
70° vert., single action, short	

	y=3mm
x=100mm – 4"	<a href="#">LMI 51734-03</a>
70° hor., single action	

## Nasal Cutting Forceps

## Surgery



	y=4 mm
x=100 mm – 4"	<a href="#">LMI 51725-04</a>
45° vertical, double action	



	y=4 mm
x=100 mm – 4"	<a href="#">LMI 51728-04</a>
45° hor., double action, short	

	y=4 mm
x=100 mm – 4"	<a href="#">LMI 51726-04</a>
45° vertical, single action, short short	



	y=4 mm
x=100 mm – 4"	<a href="#">LMI 51730-04</a>
70° vertical, double action	



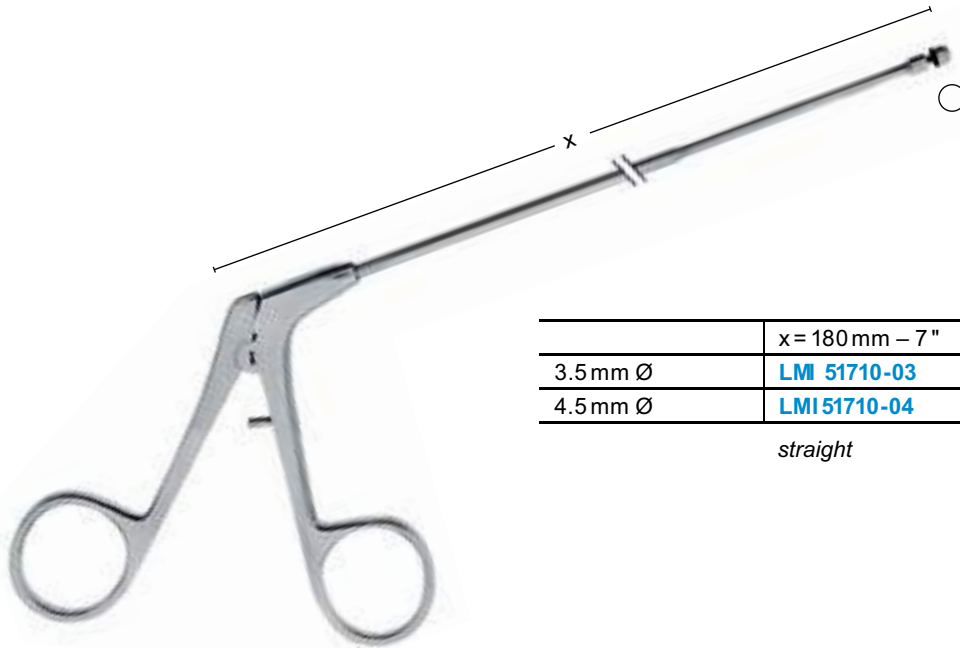
	y=4 mm
x=100 mm – 4"	<a href="#">LMI 51733-04</a>
70° hor., double action, short	

	y=4 mm
x=100 mm – 4"	<a href="#">tk 51731-04</a>
70° vertical, single action, short short	



## Circular Forceps

## Surgery



	x = 180 mm – 7"	x = 180 mm – 7"
3.5 mm Ø	<a href="#">LMI 51710-03</a>	<a href="#">LMI 51711-03</a>
4.5 mm Ø	<a href="#">LMI 51710-04</a>	<a href="#">LMI 51711-04</a>
	straight	curved upwards



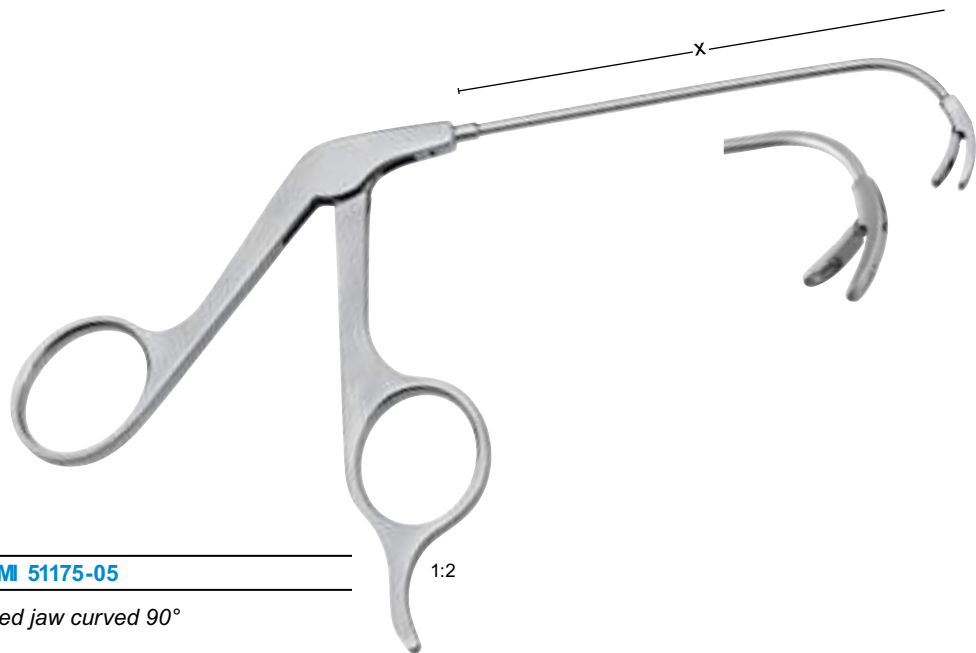
Please ask for our special for sinuscopy catalogue.

## Antrum Punch

## Surgery



x=100mm	Fig. 1	Fig. 2	Fig. 3
1.5mmx4.5mm	<a href="#">LMI 51175-01</a>	<a href="#">LMI 51175-02</a>	<a href="#">LMI 51175-03</a>
	<i>backward, up-cutting</i>	<i>backward, cut to the right</i>	<i>backward, cut to the left</i>



Heuwieser

x=100mm	<a href="#">LMI 51175-05</a>
---------	------------------------------

*fixed jaw curved 90°*

## Sphenoid Bone Punches

## Surgery



1:1

Hajek

x = 140 mm – 5 1/2"

4 mm x 4 mm

**LM 51194-13**

1:1

Hajek-Kofler

x = 140 mm – 5 1/2"

3.5 mm x 3.5 mm

**LM 51196-12**

1:1

Hajek

x = 140 mm – 5 1/2"

4 mm x 4 mm

**LM 51195-13**

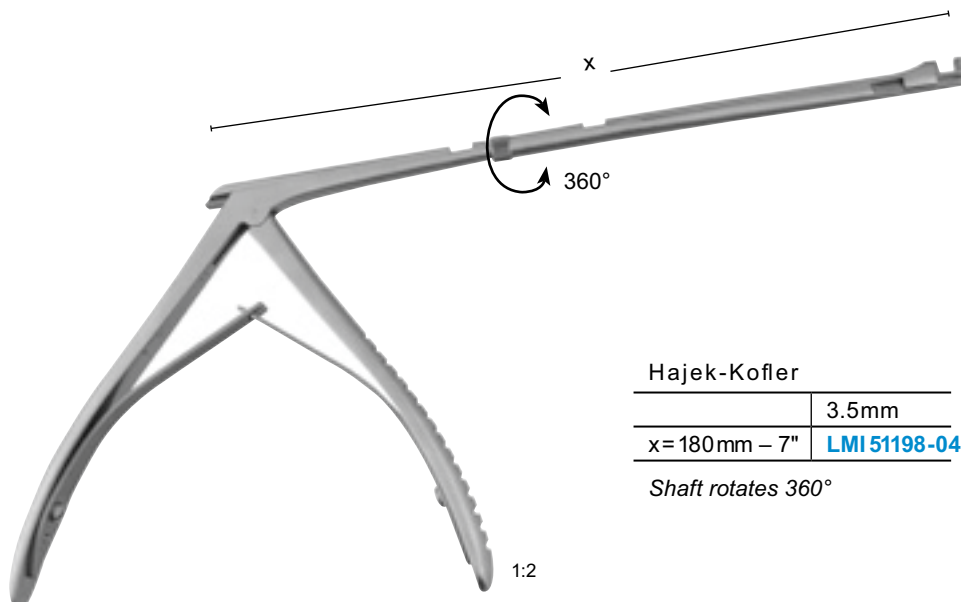
1:1

Hajek-Kofler

x = 140 mm – 5 1/2"

3.5 mm x 3.5 mm

**LM 51197-12**



Hajek-Kofler

3.5 mm

x = 180 mm – 7"

**LM 51198-04**

Shaft rotates 360°



## Sphenoid Bone Punches

## Surgery



Hajek-Claus  
200mm – 8"  
[LMI 51245-20](#)



Citelli



170mm – 6 <sup>3</sup> / <sub>4</sub> "	2.2mm	3.0mm
x=60mm	<a href="#">LMI 50491-02</a>	<a href="#">LMI 50491-03</a>



Kerrison

x=90 mm – 3 <sup>1</sup> / <sub>2</sub> "	4 mmx4 mm	5mmx5 mm	6mmx6 mm
200mm – 8"	<a href="#">LMI 51251-01</a>	<a href="#">LMI 51251-02</a>	<a href="#">LMI 51251-03</a>

## Nasal Polypus Snares

## Surgery



0.3mm Ø x 100mm **LMI 50320-30**

*in bundles of 12 pieces*



Krause

260mm – 10 1/4" **LMI 50323-26**



Krause-Voss

260mm – 10 1/4" **LMI 50325-26**

*with 2 inserts*



Lange-Wilde

240mm – 9 1/2" **LMI 50328-24**

## Nasal Knives

## Surgery



Fomon

165mm – 6 $\frac{1}{2}$ "

**LMI 51300-16**

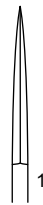


Cottle

150mm – 6"

**LMI 51308-15**

Joseph



1:1



1:1



1:1



1:1

Fig. 1

Fig. 2

Fig. 1

Fig. 2

160mm – 6 $\frac{1}{4}$ "

**LMI 51302-01**

**LMI 51302-02**

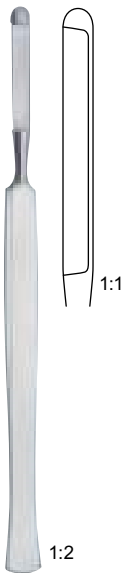
**LMI 51303-01**

**LMI 51303-02**

sharp/sharp

straight

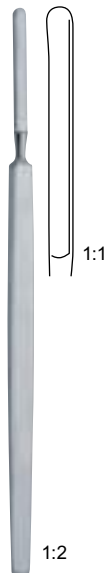
curved



Joseph

140mm – 5 $\frac{1}{2}$ "

**LMI 51306-15**



Joseph

175mm – 7"

**LMI 51335-03**



Bruenings

165mm – 6 $\frac{1}{2}$ "

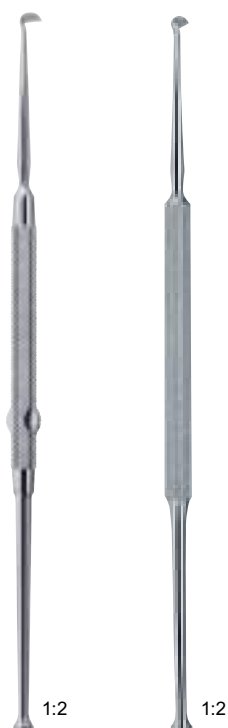
**LMI 51310-00**

**LMI 51310-01**

Spare blade

## Nasal Knives

## Surgery

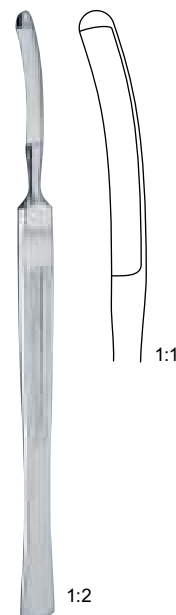


Freer

190mm – 6 $\frac{1}{2}$ "

[LMI 51350-01](#)

[LMI 51350-02](#)



Converse

160mm – 6 $\frac{1}{4}$ "

[LMI 51355-01](#)



Freer

150mm – 6"

[LMI 51342-12](#)



Freer

150mm – 6"

[LMI 51344-15](#)



Freer

150mm – 6"

[LMI 51346-15](#)

## Tonsil Knives

## Surgery



1:2



1:2

Freer

210mm – 8 1/4"

**LMI 51361-01**

**LMI 51361-02**



1:2

200mm – 8"

**tk 51330-11**

*Sickle knife*



1:2

Bruenings

230mm – 9"

**LMI 51315-23**



1:2

Abraham

220mm – 8 3/4"

**LMI 51317-22**

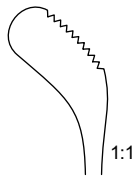


1:2

Fischer

230mm – 9"

**LMI 51323-23**



1:1



1:2

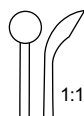
200mm – 8"

**LMI 51329-20**

*sharp*

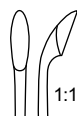
## Antrum Currettes

## Surgery



200mm – 8"

**LMI 50621-04**



200mm – 8"

**LMI 50621-05**



1:1

200mm – 8"

7mmx11mm

**LMI 50621-01**



1:1

1:2

1:1

Pratt

210mm – 8 3/4"

**LMI 50621-22**



1:1

1:2

1:1

Faulkner

210mm – 8 3/4"

**LMI 51364-21**



1:1

1:2

1:1

Coakley

200mm – 8"

**LMI 51368-12**



1:2



1:1



1:1



1:1



1:1



1:1



1:1

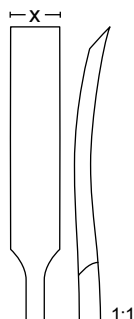
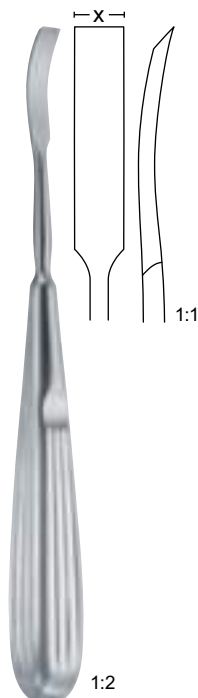
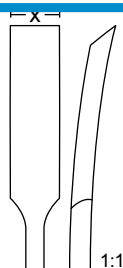
Coakley

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
170mm – 6 3/4"	<b>LMI 51366-01</b>	<b>LMI 51366-02</b>	<b>LMI 51366-03</b>	<b>LMI 51366-04</b>	<b>LMI 51366-05</b>	<b>LMI 51366-06</b>
<b>LMI 51366-00</b>	x	x	x	x	x	x

Set

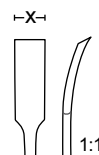
## Septum Elevators - Raspatories

## Surgery



Lempert

	205mm – 8"	180mm – 7"
x=6mm	<a href="#">LMI 50787-20</a>	<a href="#">LMI 50789-17</a>



Freer

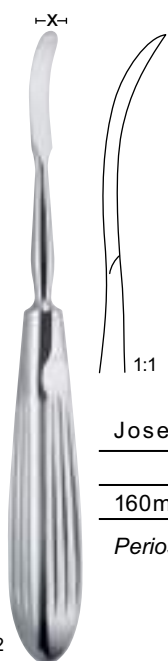
	x=4mm
160mm – 6 1/4"	<a href="#">LMI 50770-16</a>



Cottle

	x=8mm
190mm – 7 1/2"	<a href="#">LMI 51607-19</a>

sharp



Joseph

	x=5mm
160mm – 6 1/4"	<a href="#">LMI 51613-16</a>

Periosteal elevators



Sewall

200mm – 8"	<a href="#">LMI 51610-20</a>
------------	------------------------------

Antrum elevator



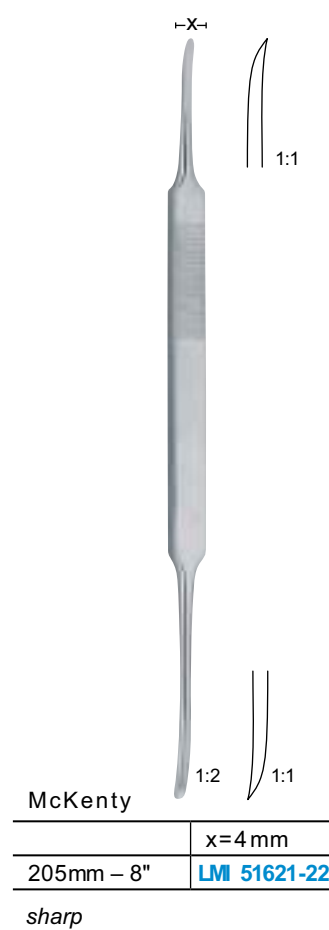
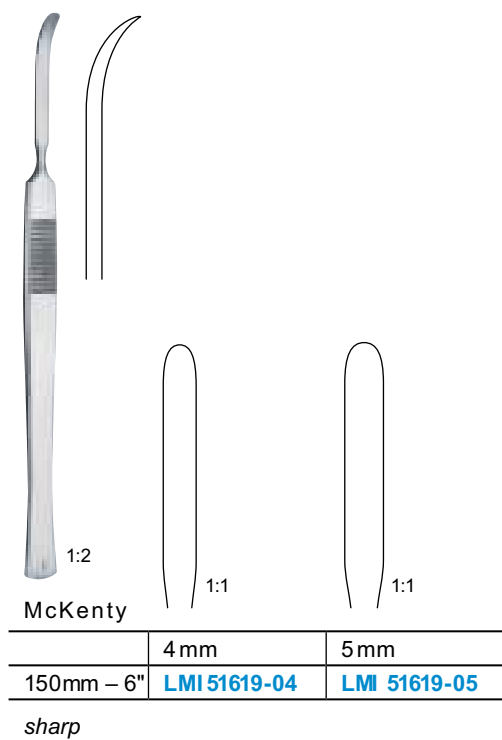
Halle

160mm – 6 1/4"	<a href="#">LMI 51617-16</a>
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## Septum Elevators - Raspatories

## Surgery





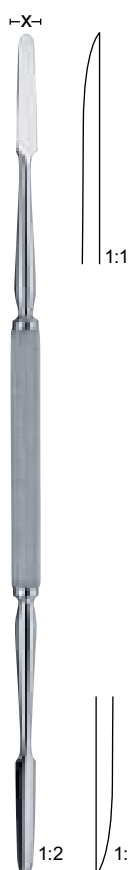
## Septum Elevators - Raspatories

## Surgery



Killian

	x=4 mm
180mm – 7"	<b>LMI 51622-18</b>
sharp/blunt	



Killian

	x=4.5mm
230mm – 9"	<b>LMI 51623-22</b>
sharp/blunt	



Freer

190mm – 7½"	<b>LMI 51625-19</b>
blunt	



Freer

180mm – 7"	<b>LMI 51627-18</b>
sharp/blunt	



## Septum Elevators - Raspatories

## Surgery



Freer

205mm – 8"

**LMI 51631-20**

*sharp/blunt*



Pennington

215mm – 8½"

**LMI 51629-21**

*blunt*



Joseph-Masing

215mm – 8½"

**LMI 51634-22**

*sharp*

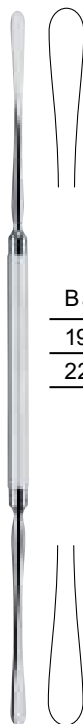
## Periosteal Elevators

## Surgery



Masing

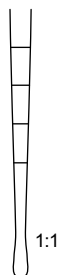
200mm – 8"	<b>LMI 51636-21</b>
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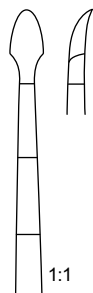
Ballenger-Hajek

190mm – 7 1/4"	<b>LMI 51637-19</b>
220mm – 8 3/4"	<b>LMI 51637-22</b>

1:2



1:1

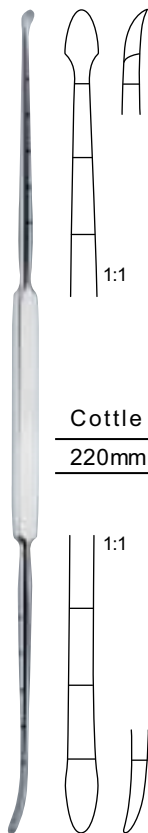


1:1

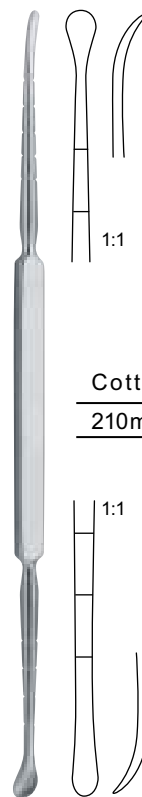
Cottle

220mm – 8 3/4"	<b>LMI 51643-22</b>
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1:2



1:1



Cottle

210mm – 8 1/4"	<b>LMI 51644-21</b>
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1:2

1:1

## Septum Elevators

## Surgery



Boies

190mm – 7½" **tLMI 51650-18**

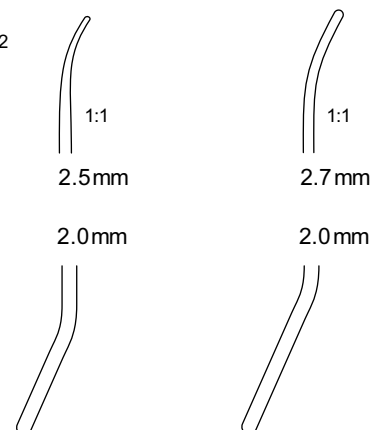
Nasal fracture elevator, blunt



Goldman

170mm – 6¾" **tLMI 51651-17**

Septum displacer

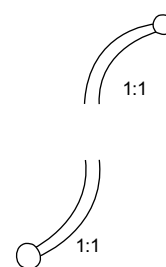


Watson-Cheyne

130mm – 5" 190mm – 7½"

**LMI 51653-13** **LMI 51653-19**

Raspatory



**LMI 51642-20**

195mm – 8¾"

Ø2.3/2.6 mm

## Nasal Saws

## Surgery



1:2



1:2

Joseph

190mm – 7½"

**LMI 51661-01**

190mm – 7½"

**LMI 51661-02**



1:2

Joseph

190mm – 7½"

**LMI 51661-03**



1:2

1:2

Joseph

170mm – 6¾"

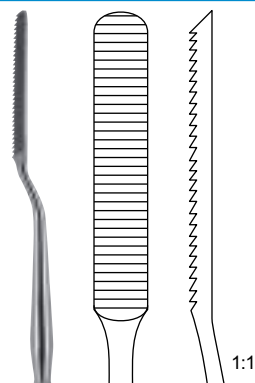
**LMI 51655-20**

170mm – 6¾"

**LMI 51657-20**

## Nasal Rasps

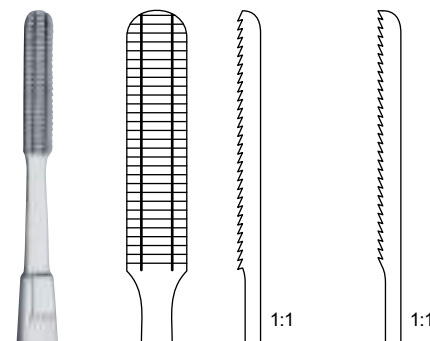
## Surgery



Cottle

210mm – 8 $\frac{3}{4}$ "	<b>LM 51665-21</b>
---------------------------	--------------------

1:2



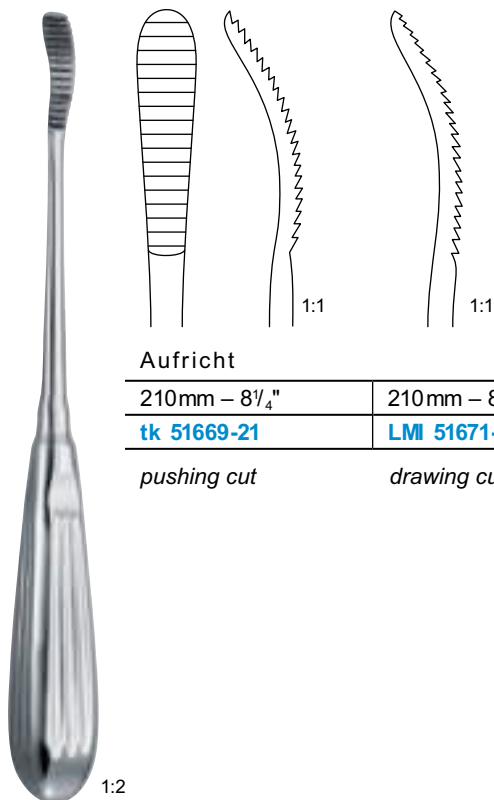
Maltz

170mm – 6 $\frac{3}{4}$ "	170mm – 6 $\frac{3}{4}$ "
34 mmx7 mm	34 mmx7 mm
<b>LM 51670-01</b>	<b>LM 51670-02</b>

*drawing cut*

*pushing cut*

1:2



Aufrecht

210mm – 8 $\frac{3}{4}$ "	210mm – 8 $\frac{3}{4}$ "
<b>tk 51669-21</b>	<b>LM 51671-21</b>

*pushing cut*

*drawing cut*

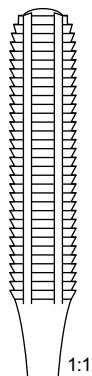
1:2

## Nasal Rasps

## Surgery



1:1



Maltz

	40mmx9mm
175mm – 7"	<a href="#">LMI 51663-18</a>

1:2

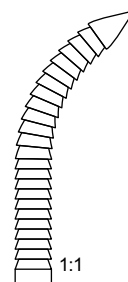


1:2

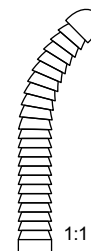
Wiener

	Ø3.5mm	Ø3.5mm
180mm – 7"	<a href="#">LMI 51675-18</a>	<a href="#">LMI 51677-18</a>

Antrum rasps



1:1



1:1



1:2



1:1



1:1



1:1

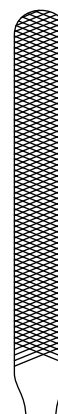


Gallaher

160mm – 6 1/4"	160mm – 6 1/4"	160mm – 6 1/4"
<a href="#">LMI 51683-01</a>	<a href="#">LMI 51683-02</a>	<a href="#">LMI 51683-03</a>



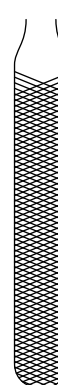
1:2



1:1



1:1



Fomon

210mm – 8 1/4"
<a href="#">LMI 51685-21</a>

## Rasps with Tungsten Carbide

## Surgery

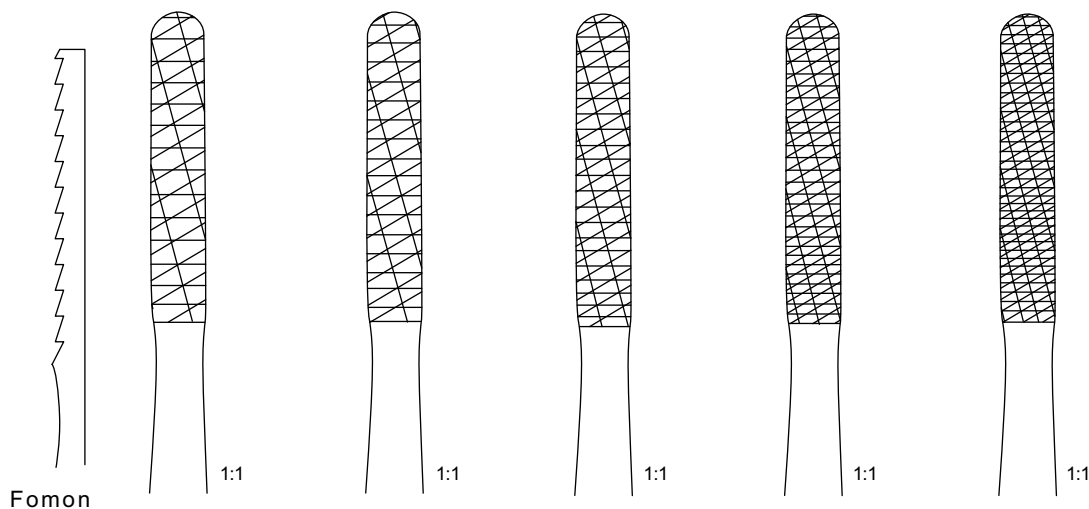


Fig. 1	Fig. 3	Fig. 5	Fig. 7	Fig. 9
12	16	24	36	52

Teeth

200mm – 8"	<a href="#">LMI 51686-01 tucar</a>	<a href="#">LMI 51686-03 tucar</a>	<a href="#">LMI 51686-05 tucar</a>	<a href="#">LMI 51686-07 tucar</a>	<a href="#">LMI 51686-09 tucar</a>
------------	------------------------------------	------------------------------------	------------------------------------	------------------------------------	------------------------------------

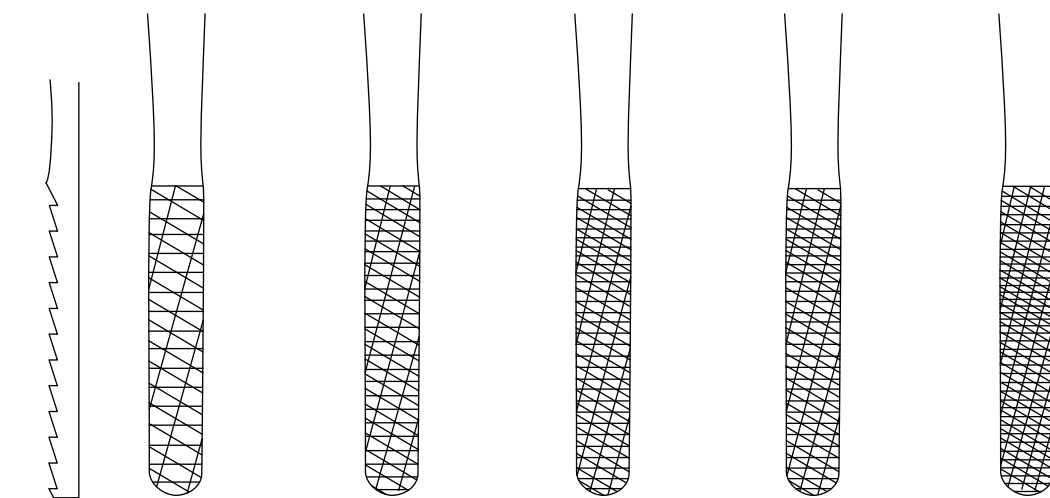


Fig. 2	Fig. 4	Fig. 6	Fig. 8	Fig. 10
14	20	30	44	62

Teeth



## Rasps with Tungsten Carbide

## Surgery



Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
LMI 51687-01	LMI 51687-02	LMI 51687-03	LMI 51687-04	LMI 51687-05

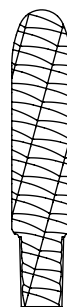


Fig. 6	Fig. 7	Fig. 8	Fig. 9	Fig. 10
LMI 51687-06	LMI 51687-07	LMI 51687-08	LMI 51687-09	LMI 51687-10



interchangeable



1:2



1:2

135mm – 5"	LMI 51687-15	LMI 51687-16
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1:2

70mm – 2 3/4"

LMI 51687-19

## Septum Instruments

## Surgery



1:2

Bruenings-Brunk

190mm – 7 1/2" [LMI 16955-19](#)

Antrum retractor, serrated

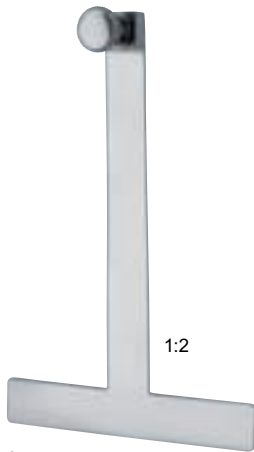


1:2

Ritter-Halle

	160mm – 6 3/4"
2.5mm Ø	<a href="#">LMI 6376-25</a>
3.0mm Ø	<a href="#">LMI 6376-30</a>
4.0mm Ø	<a href="#">LMI 6376-40</a>

Frontal sinus bougies



1:2

Cottle

120mm – 4 3/4" [LMI 51647-01](#)

Handle



1:2

Cottle

7 mm [LMI 51647-02](#)

Guide support for osteotomes



1:2

Cottle

65mmx30mmx30mm

Cartilage crusher

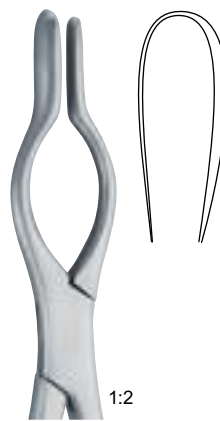


1:2

[LMI 51648-00](#)

## Septum Forceps

## Surgery



Cottle-Walsham

230mm – 9"

**LMI 51695-01**

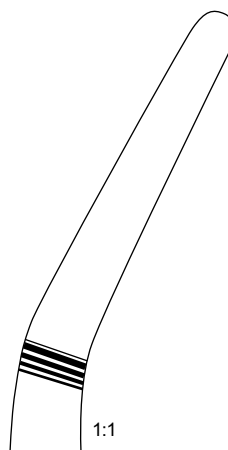
**LMI 51695-02**

**LMI 51695-03**

*straight*

*left*

*right*



Asch

230mm – 9"

**LMI 51697-23**

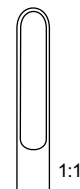
## Septum Forceps

## Surgery



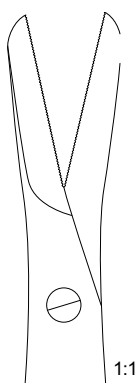
Middleton-Jansen

190mm – 7½" [LMI 51180-19](#)



Middleton-Jansen

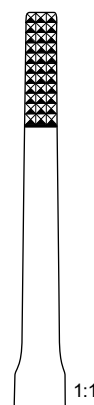
190mm – 7½" [LM 51182-19](#)



Caplan

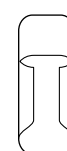
200mm – 8" [tk 51184-20](#)

*toothed*



Rubin

210mm – 8¼" [tk 51188-21](#)



[LMI 51188-01](#)

*Protection Cap*

## Adenoid Currettes

## Surgery



St. Clair-  
Thomson

210mm – 8 $\frac{3}{4}$ "



**LMI 51405-01**



**LMI 51405-02**



**LMI 51405-03**



**LMI 51405-04**



Barnhill

220mm – 8 $\frac{3}{4}$ "

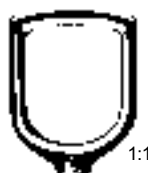


Fig. 1

**LMI 51415-01**



Fig. 2

**LMI 51415-02**

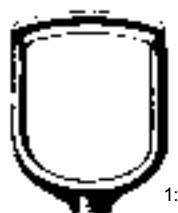


Fig. 3

**LMI 51415-03**



Fig. 4

**LMI 51415-04**

## Adenoid Currettes

## Surgery



Beckmann

220mm – 8<sup>3</sup>/<sub>4</sub>"

[LMI 51412-01](#)

[LMI 51412-02](#)

[LMI 51412-03](#)

*straight*

220mm – 8<sup>3</sup>/<sub>4</sub>"

[LMI 51413-01](#)

[LMI 51413-02](#)

[LMI 51413-03](#)

*curved*



220mm – 8<sup>3</sup>/<sub>4</sub>"

[LMI 51412-04](#)

[LMI 51412-05](#)

[LMI 51412-06](#)

*straight*

220mm – 8<sup>3</sup>/<sub>4</sub>"

[LMI 51413-04](#)

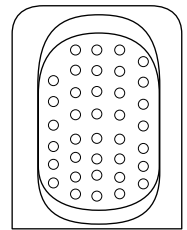
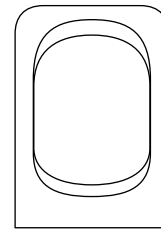
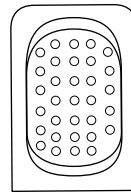
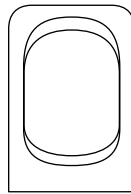
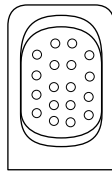
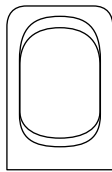
[LMI 51413-05](#)

[LMI 51413-06](#)

*curved*

## Adenoid Currettes

## Surgery



La Force

Fig. 1		Fig. 2		Fig. 3	
250mm – 7"		250mm – 7"		250mm – 7"	
<a href="#">LMI 51511-01</a>	<a href="#">LMI 51513-01</a>	<a href="#">LMI 51511-02</a>	<a href="#">LMI 51513-02</a>	<a href="#">LMI 51511-03</a>	<a href="#">LMI 51513-03</a>
250mm – 9 <sup>3</sup> / <sub>4</sub> "		250mm – 9 <sup>3</sup> / <sub>4</sub> "		250mm – 9 <sup>3</sup> / <sub>4</sub> "	

<a href="#">LMI 51521-01</a>	<a href="#">LMI 51522-01</a>	<a href="#">LMI 51521-02</a>	<a href="#">LMI 51522-02</a>	<a href="#">LMI 51521-03</a>	<a href="#">LMI 51522-03</a>
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Spare blades

1:2



# LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

## Adenoid Currettes

## Surgery



Ballenger

	200mm – 8"	200mm – 8"
x=3mm	<a href="#">LMI 51410-03</a>	<a href="#">LMI 51411-03</a>
x=4mm	<a href="#">LMI 51410-04</a>	<a href="#">LMI 51411-04</a>
x=5mm	<a href="#">LMI 51410-05</a>	<a href="#">LMI 51411-05</a>

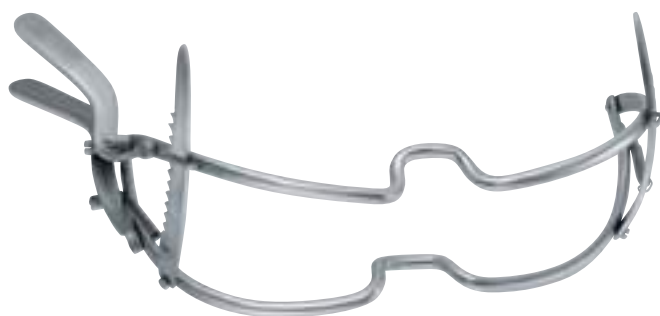
*straight*

*bayonet*



## Mouth Gags

## Surgery



Whitehead

110 mm – 4 $\frac{1}{4}$ "	<a href="#">LMI 52031-11</a>
130 mm – 5"	<a href="#">LMI 52031-13</a>
150 mm – 6"	<a href="#">LMI 52031-15</a>



Jennings

90 mm – 3 $\frac{1}{2}$ "	<a href="#">LMI 52041-09</a>
110 mm – 4 $\frac{1}{4}$ "	<a href="#">LMI 52041-11</a>
130 mm – 5"	<a href="#">LMI 52041-13</a>
150 mm – 6"	<a href="#">LMI 52041-15</a>



Maunder

	4 mm Ø
100 mm – 4"	<a href="#">LMI 52300-00</a>

Wood

1:2



Heister

130 mm – 5"	<a href="#">LMI 52110-13</a>
-------------	------------------------------

1:2

## Mouth Gags

## Surgery



Molt

110mm – 4 $\frac{3}{4}$ " [tk 52131-11](#)

For children

1:2



Molt

140mm – 5 $\frac{1}{2}$ " [tk 52131-14](#)

For adults

1:2



1:2

Denhart

120mm – 4 $\frac{3}{4}$ " [tk 52141-12](#)



1:2

Fergusson-Ackland

145mm – 5 $\frac{3}{4}$ " [tk 52142-14](#)



Roser-König

160mm – 6 $\frac{3}{4}$ " [tk 52149-16](#)

190mm – 7 $\frac{1}{2}$ " [tk 52149-19](#)

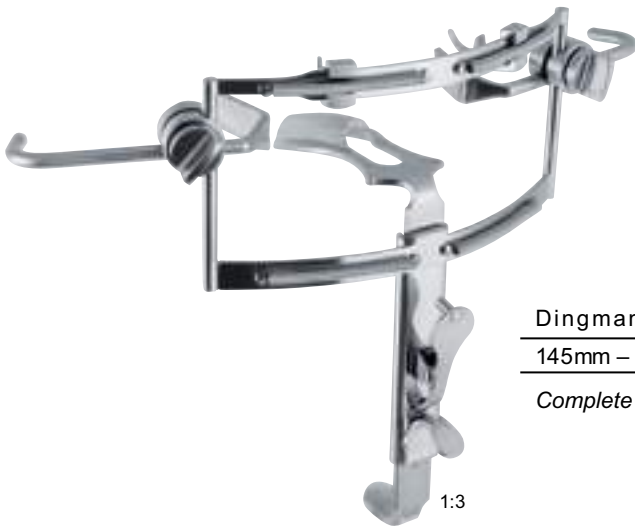


# LAPA MASTER INDUSTRY

Manufacturer & Exporter all kinds of Surgical, Dental Instruments

Mouth Gags

**Surgery**



Dingmann

145mm – 5<sup>3</sup>/<sub>4</sub>"

**LMI 52240-00**

*Complete with frame, 3 tongue depressors and 2 adjustable lateral blades*



55x25 mm

**LMI 52240-01**



60x27 mm

**LMI 52240-02**



70x30 mm

**LMI 52240-03**

## Mouth Gags

## Surgery



Kilner-Doughty

	Fig. 1	Fig. 2	Fig. 3	
	28mmx65mm	32mmx75mm	37mmx80mm	
	<a href="#">LMI 52250-01</a>	<a href="#">LMI 52250-02</a>	<a href="#">LMI 52250-03</a>	<a href="#">LMI 52250-10</a>
<i>Handle</i>				
<a href="#">LMI 52250-00</a>	x	x	x	x

*complete*

## Mouth Gags

## Surgery



<a href="#">LMI 52260-00</a>	x	x	x	x
------------------------------	---	---	---	---

complete

## Mouth Gags

## Surgery



Davis-Boyle

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
	<b>LMI 52270-01</b>	<b>LMI 52270-02</b>	<b>LMI 52270-03</b>	<b>LMI 52270-04</b>	<b>LMI 52270-05</b>	<b>LMI 52270-10</b>
	21mmx30mm	23mmx65mm	24mmx80mm	25mmx93mm	26mmx108mm	

Handle, rigid

<b>LMI 52270-00</b>	x	x	x	x	x	x
---------------------	---	---	---	---	---	---

complete, for adults

Davis-Boyle

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
	<b>LMI 52274-01</b>	<b>LMI 52274-02</b>	<b>LMI 52274-03</b>	<b>LMI 52274-04</b>	<b>LMI 52274-05</b>	<b>LMI 52274-00</b>
	17mmx26mm	19mmx46mm	20mmx58mm	22mmx71mm	22mmx80mm	

Handle, rigid

<b>LMI 52274-10</b>	x	x	x	x	x	x
---------------------	---	---	---	---	---	---

complete, for children

## Mouth Gags

## Surgery



Davis-Boyle

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
	<b>LMI 52275-01</b>	<b>LMI 52275-02</b>	<b>LMI 52275-03</b>	<b>LMI 52275-04</b>	<b>LMI 52275-05</b>	<b>LMI 52275-10</b>
	21mmx26mm	23mmx65mm	24mmx80mm	25mmx93mm	26mmx108mm	

Handle, movable

<b>LMI 52275-00</b>	x	x	x	x	x	x
---------------------	---	---	---	---	---	---

complete, for adults

Davis-Boyle

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
	<b>LMI 52276-01</b>	<b>LMI 52276-02</b>	<b>LMI 52276-03</b>	<b>LMI 52276-04</b>	<b>LMI 52276-05</b>	<b>LMI 52276-10</b>
	17mmx26mm	19mmx46mm	20mmx58mm	22mmx71mm	22mmx80mm	

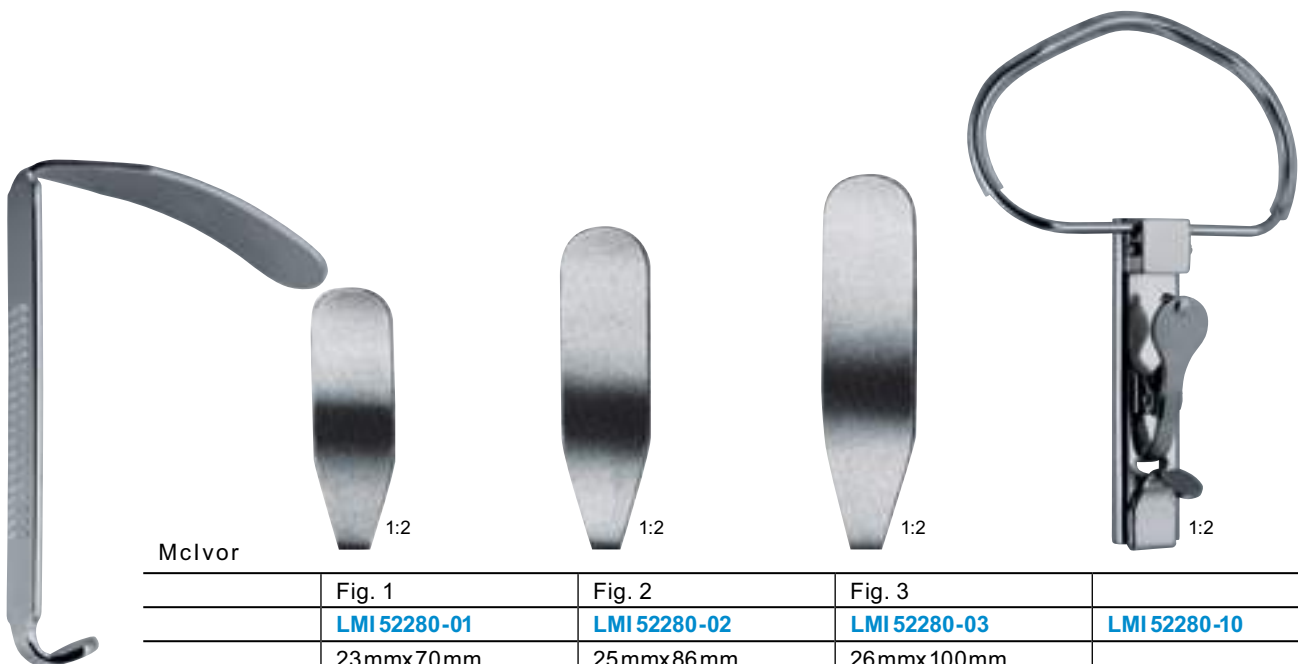
Handle, movable

<b>LMI 52276-00</b>	x	x	x	x	x	x
---------------------	---	---	---	---	---	---

complete, for children

## Mouth Gags

## Surgery



Mclvor

	Fig. 1	Fig. 2	Fig. 3	
	<a href="#">LMI 52280-01</a>	<a href="#">LMI 52280-02</a>	<a href="#">LMI 52280-03</a>	<a href="#">LMI 52280-10</a>
	23mmx70mm	25mmx86mm	26mmx100mm	

Handle

<a href="#">LMI 52280-00</a>	x	x	x	x
------------------------------	---	---	---	---

complete



## Laryngeal Mirrors

## Surgery



Fig. 00	8mm Ø	<a href="#">LMI 53515-08</a>
Fig. 0	10mm Ø	<a href="#">LMI 53515-10</a>
Fig. 1	12mm Ø	<a href="#">LMI 53515-12</a>
Fig. 2	14mm Ø	<a href="#">LMI 53515-14</a>
Fig. 3	16mm Ø	<a href="#">LMI 53515-16</a>
Fig. 4	18mm Ø	<a href="#">LMI 53515-18</a>
Fig. 5	20mm Ø	<a href="#">LMI 53515-20</a>
Fig. 6	22mm Ø	<a href="#">LMI 53515-22</a>
Fig. 7	24mm Ø	<a href="#">LMI 53515-24</a>
Fig. 8	26mm Ø	<a href="#">LMI 53515-26</a>
Fig. 9	28mm Ø	<a href="#">LMI 53515-28</a>
Fig. 10	30mm Ø	<a href="#">LMI 53515-30</a>



100mm – 4"  
[LMI 53504-10](#)

1:2

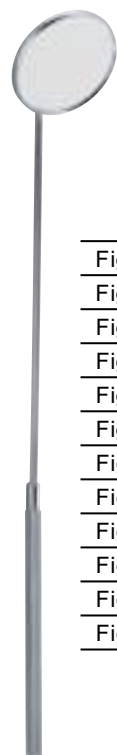


Fig. 00	8mm Ø	<a href="#">LMI 53525-08</a>
Fig. 0	10mm Ø	<a href="#">LMI 53525-10</a>
Fig. 1	12mm Ø	<a href="#">LMI 53525-12</a>
Fig. 2	14mm Ø	<a href="#">LMI 53525-14</a>
Fig. 3	16mm Ø	<a href="#">LMI 53525-16</a>
Fig. 4	18mm Ø	<a href="#">LMI 53525-18</a>
Fig. 5	20mm Ø	<a href="#">LMI 53525-20</a>
Fig. 6	22mm Ø	<a href="#">LMI 53525-22</a>
Fig. 7	24mm Ø	<a href="#">LMI 53525-24</a>
Fig. 8	26mm Ø	<a href="#">LMI 53525-26</a>
Fig. 9	28mm Ø	<a href="#">LMI 53525-28</a>
Fig. 10	30mm Ø	<a href="#">LMI 53525-30</a>



Michel

	250mm – 9 <sup>3</sup> / <sub>4</sub> "
12mm Ø	<a href="#">LMI 53541-12</a>
14mm Ø	<a href="#">LMI 53541-14</a>
16mm Ø	<a href="#">LMI 53541-16</a>
18mm Ø	<a href="#">LMI 53541-18</a>

moveable mirror

miroir mobile  
esepejo movable  
specchio mobile



## Laryngeal Instruments

## Surgery

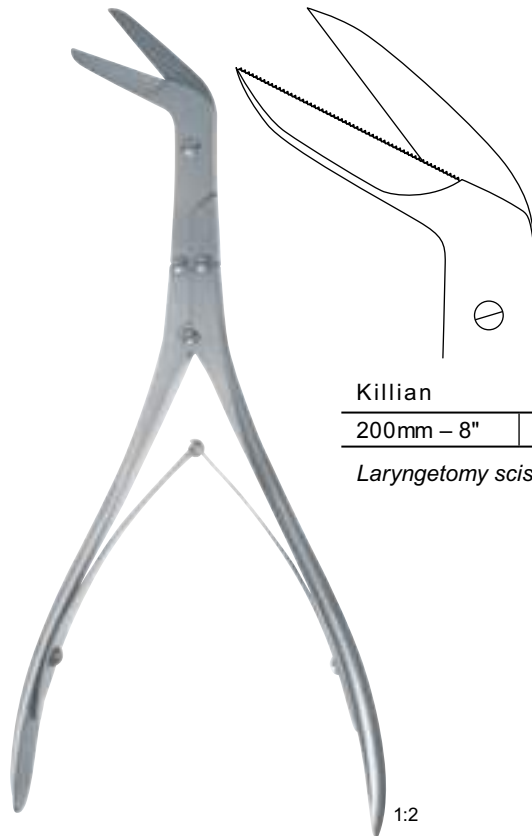


1:2

Reichert

230mm – 9"

**LMI 52598-24**



1:2

Killian

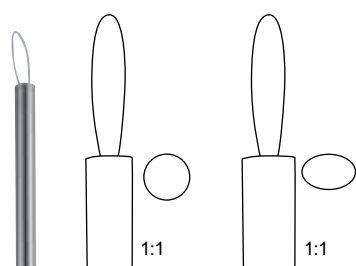
200mm – 8"

**LMI 53550-20**

Laryngotomy scissors

## Tonsil Snare

## Surgery

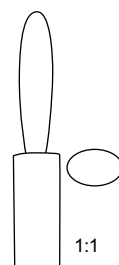


Eves

280mm – 11"	280mm – 11"
-------------	-------------

<a href="#">LMI 50336-28</a>	<a href="#">LMI 50338-28</a>
------------------------------	------------------------------

for open loops

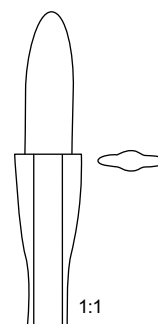


Eves

280mm – 11"
-------------

<a href="#">LMI 50340-28</a>
------------------------------

for open loops



Bruenings

280mm – 11"
-------------

<a href="#">LMI 50342-28</a>
------------------------------

for soldered loops



1:2



1:2



1:2



0.4mm Ø, 40mm	<a href="#">LMI 50345-40</a>
---------------	------------------------------

0.4mm Ø, 50mm	<a href="#">LMI 50345-50</a>
---------------	------------------------------

package of 100 pieces



0.4mm Ø x 10 cm	<a href="#">LMI 50347-01</a>
-----------------	------------------------------

package of 12 pieces

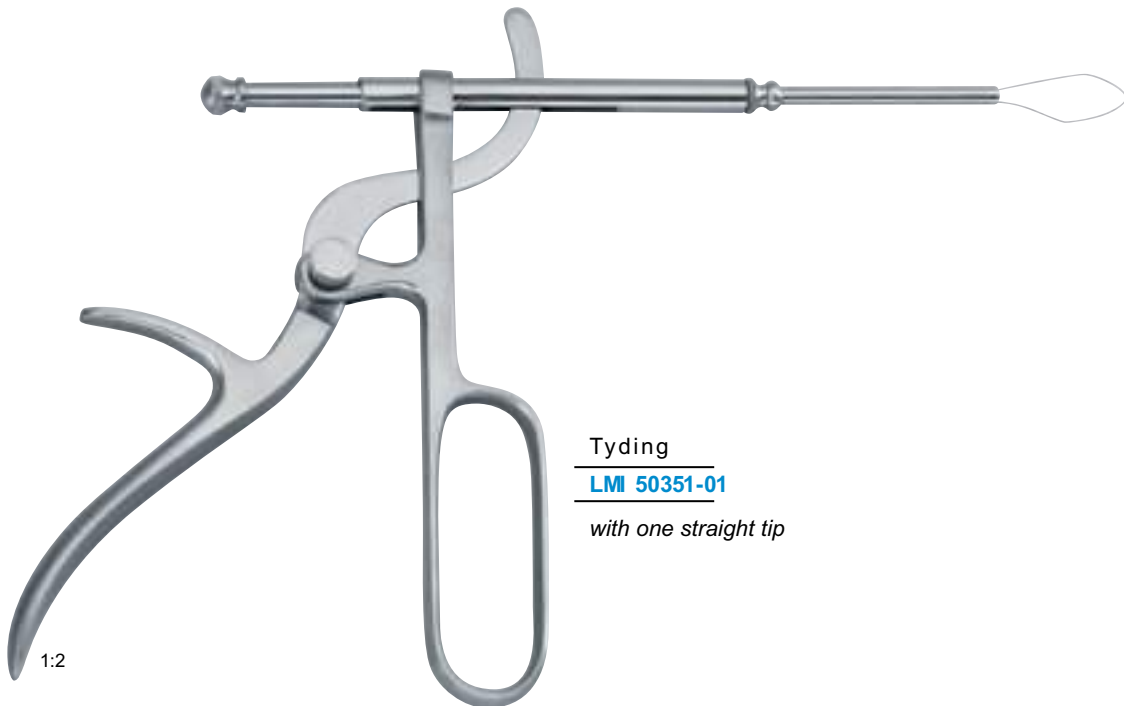


# LAPA MASTER INDUSTRY

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*Tonsil Snare*

**Surgery**



1:2

Tyding

**LMI 50351-01**

*with one straight tip*



0.4mm Ø x 10 cm

**LMI 50347-02**

*package of 100 pieces*



## Tonsil Instruments

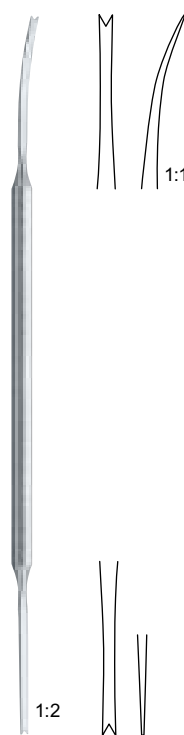
## Surgery



Carpenter

250mm – 9<sup>3</sup>/<sub>4</sub>" [LMI 52607-25](#)

Enucleator



Luniatschek

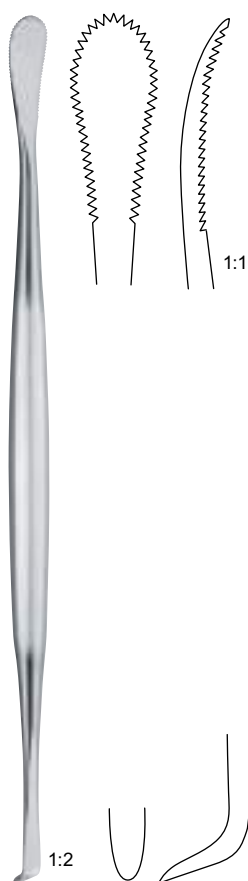
180mm – 7" [LMI 52610-19](#)

Tonsil tampon plugger



## Tonsil Instruments

## Surgery



Henke

230mm – 9"

[LMI 52601-23](#)

Tonsil dissector



Henke

230mm – 9"

[LMI 52603-23](#)

Tonsil dissector



Hurd

225mm – 8<sup>3</sup>/<sub>4</sub>"

[LMI 52605-22](#)

Tonsil dissector

## Tonsil Instruments

## Surgery



Lewis

195mm – 7<sup>3</sup>/<sub>4</sub>"

**LMI 52612-20**

*Tonsil screw*

1:2



1:1

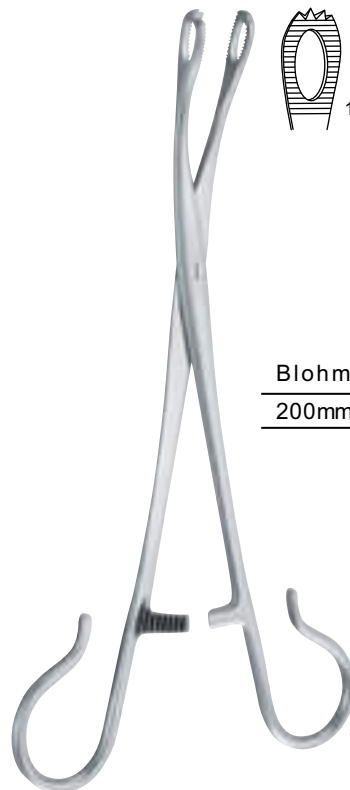
Marschik

220mm – 8<sup>3</sup>/<sub>4</sub>"

**LMI 52622-22**

*Tonsil seizing forceps*

1:2



1:1

Blohmke

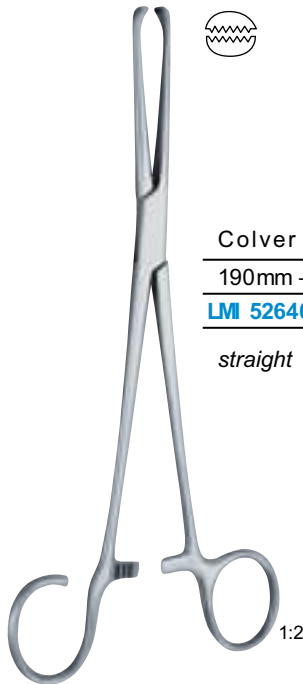
200mm – 8"

**LMI 52627-20**

1:2

## Tonsil Instruments

## Surgery

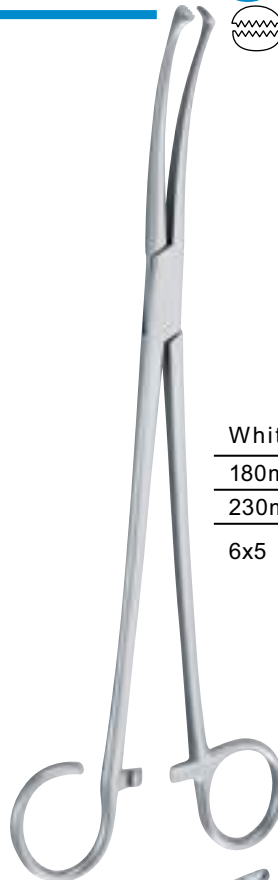


Colver

190mm – 7½"	190mm – 7½"
<b>LMI 52640-18</b>	<b>LMI 52641-18</b>

straight

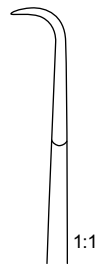
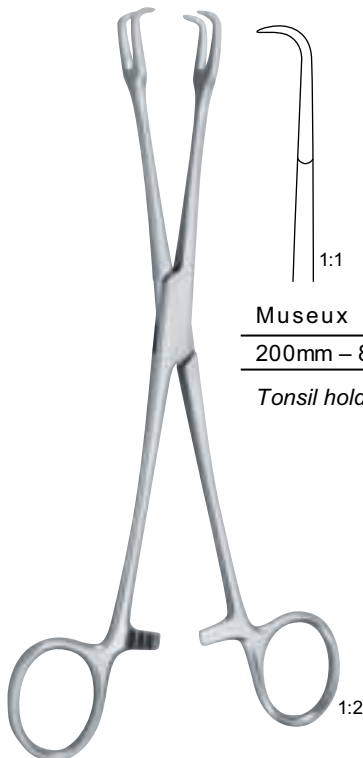
curved



White

180mm – 7"	<b>LMI 52659-18</b>
230mm – 9"	<b>LMI 52659-23</b>

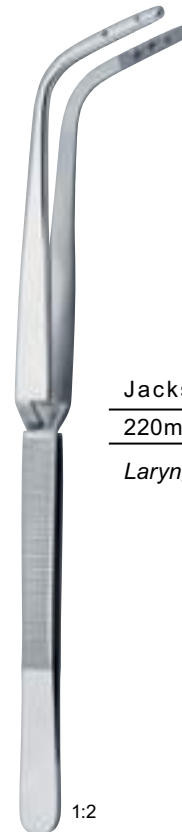
6x5



Museux

200mm – 8"	<b>LMI 52664-20</b>
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Tonsil holding forceps



Jackson

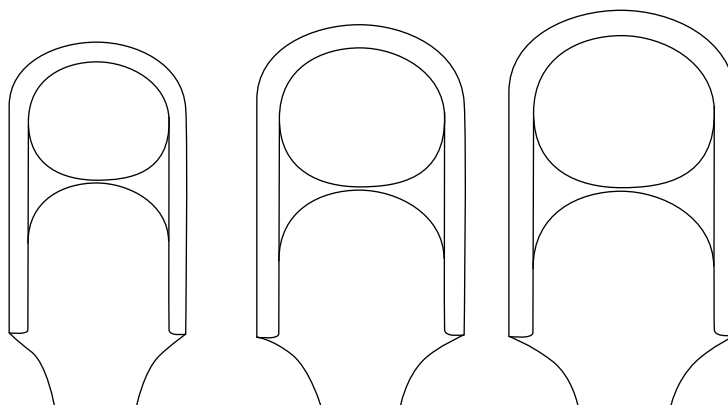
220mm – 8¾"	<b>LMI 52594-22</b>
-------------	---------------------

Laryngeal forceps



## Tonsillectomes

## Surgery



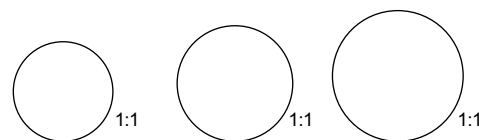
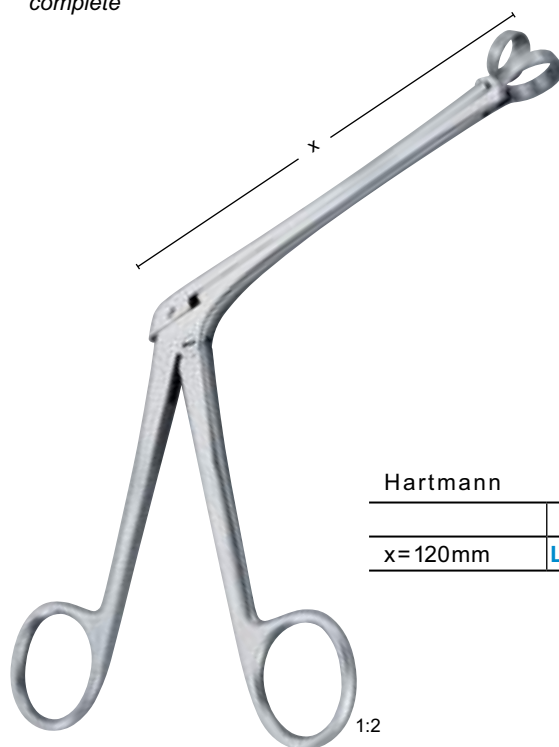
Sluder-Ballenger

	Fig. 1	Fig. 2	Fig. 3	
	LMI 52671-01	LMI 52671-02	LMI 52671-03	LMI 52671-10

Handle

LMI 52671-00	x	x	x	x
--------------	---	---	---	---

complete

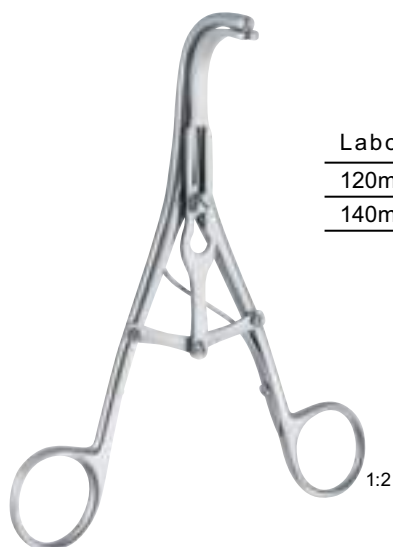


Hartmann

	13 mm Ø	15mm Ø	17mm Ø
x=120mm	LMI 52665-13	LMI 52665-15	LMI 52665-17

## Trachea Dilators

## Surgery



Laborde

120mm – 5"	LMI 29950-12	
140mm – 5½"		LMI 29950-14

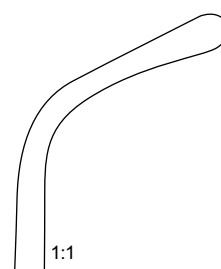
for children



Trousseau

120mm – 5"	LMI 29952-12	
140mm – 5½"		LMI 29952-14

for children



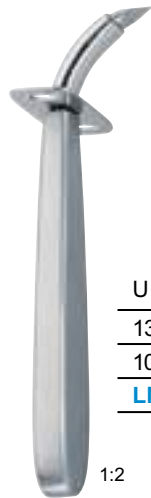


# LAPA MASTER INDUSTRY

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Trachea Tubes

**Surgery**



Uckermann

130mm – 5"

10 mm Ø

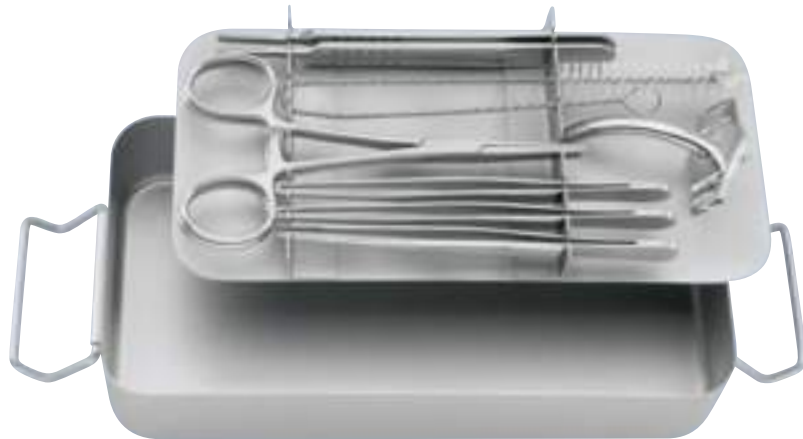
**LM 6163-13**

1:2

## Tracheotomy Set

## Surgery

200mm x 105mm x 30mm  
LMI 29997-00



*Tracheotomy set, in metal case, consisting of:*

- 1 Handle, LMI 7100-04/1 blade, Fig. 20, LMI 7210-20 T
- 1 Handle, LMI 7100-04/1 blade, Fig. 23, LMI 7210-23 T
- 1 Dressing forceps, 130mm, LMI 10000-13
- 2 Tissue forceps, 1x2 teeth, 130mm, LMI 11000-13
- 2 Rochester-Péan hemostatic forceps, 130 mm, LMI 12059-13
- 1 Grooved director, 130mm, LMI 18110-13
- 1 Bose trachea dilator, LMI 17395-07
- 2 Iterson trachea retractors, blunt, LMI 16922-16
- 1 Bose trachea retractor, 160 mm, sharp, right, LMI 16956-16
- 1 Bose trachea retractor, 160mm, sharp, left, LMI 16957-16
- 1 Cleaning brush, LMI 29999-26





## Goitre Grasping Forceps - Goitre Enucleator

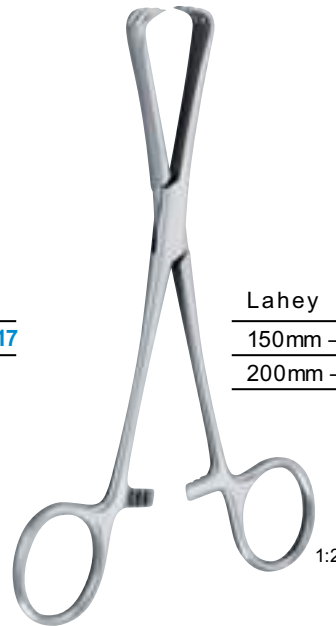
## Surgery



Mastin

170mm – 6½"	<a href="#">LMI 49905-17</a>
-------------	------------------------------

1:2



Lahey

150mm – 6"	<a href="#">LMI 49900-15</a>
200mm – 8"	<a href="#">LMI 49900-20</a>

1:2



1:1

1:1

Kocher

150cm – 6"	<a href="#">LMI 49925-15</a>	<a href="#">LMI 49927-15</a>
160mm – 6¼"	<a href="#">LMI 49925-16</a>	<a href="#">LMI 49927-16</a>

with hole



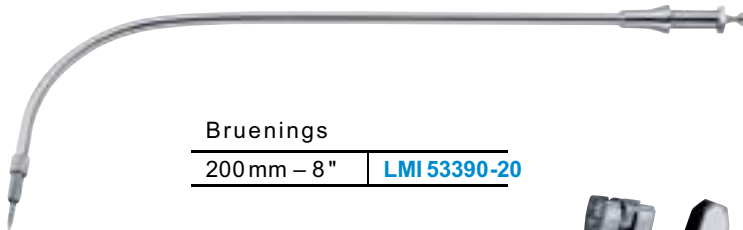
## Broncho-Oesphagoscopy Forceps

## Surgery



### Bruenings

200 mm – 8"	<a href="#">LMI 53391-20</a>
300 mm – 12"	<a href="#">LMI 53391-30</a>
400 mm – 16"	<a href="#">LMI 53391-40</a>
500 mm – 20"	<a href="#">LMI 53391-50</a>
600 mm – 23½"	<a href="#">LMI 53391-60</a>



### Bruenings

200 mm – 8"	<a href="#">LMI 53390-20</a>
-------------	------------------------------



1:2

### Huber

[LMI 53375-01](#)



Please ask for our special catalogue.

## Broncho-Oesophagoscopy Forceps

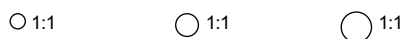
## Surgery

Exchangeable tips



Seiffert

[LMI 53410-01](#)



Bruenings

[LMI 53410-02](#)

[tk 53410-03](#)

[tk 53410-04](#)



Lange

[LMI 53410-05](#)



Scheinmann

[LMI 53410-06](#)



Fraenkel

[LMI 53410-16](#)



Fraenkel

[LMI 53410-07](#)



Krause

[LMI 53410-12](#)



1:1



1:1

[LMI 53410-08](#)

[LMI 53410-09](#)



1:1



1:1

[LMI 53410-10](#)

[LMI 53410-11](#)



1:1



1:1

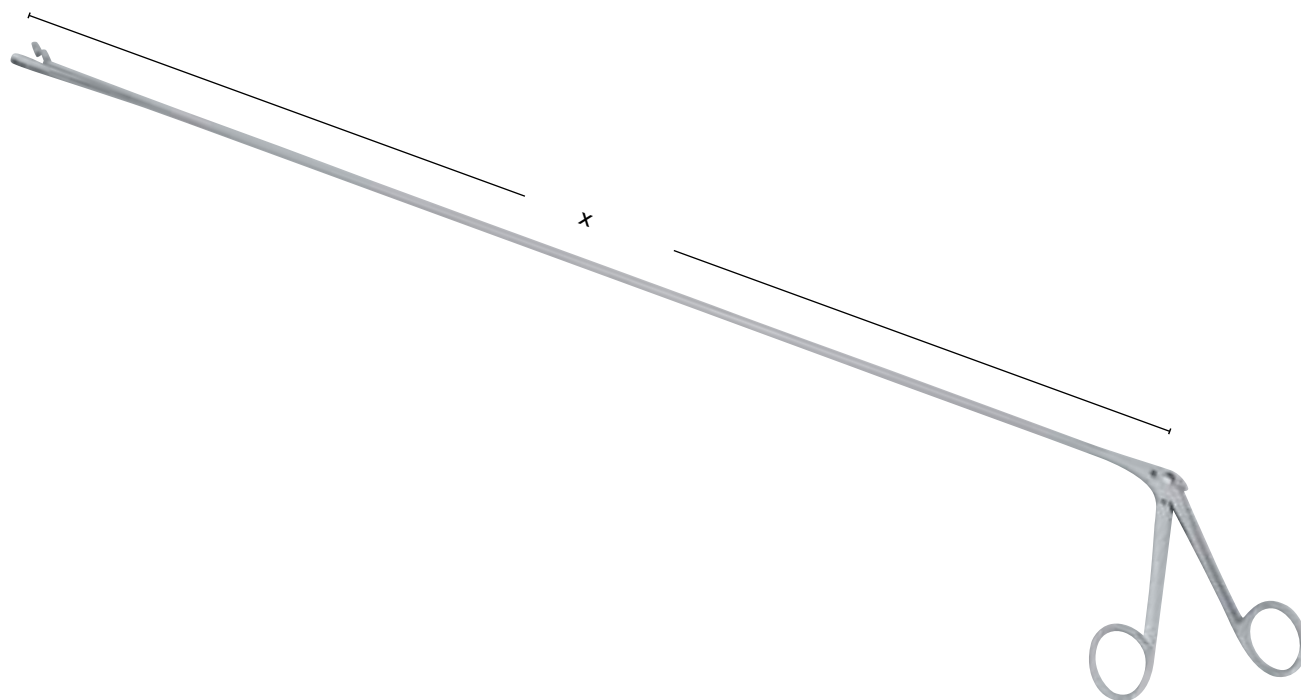
Cordes

[LMI 53410-13](#)

[LMI 53410-14](#)

## Broncho-Oesophagoscopy Forceps

## Surgery



Chevalier-Jackson



1:1



1:1



1:1



1:1

x=300mm – 12"	<a href="#">LMI 53361-30</a>	<a href="#">LMI 53362-30</a>	<a href="#">LMI 53363-30</a>	<a href="#">LMI 53364-30</a>
x=400mm – 16"	<a href="#">LMI 53361-40</a>	<a href="#">LMI 53362-40</a>	<a href="#">LMI 53363-40</a>	<a href="#">LMI 53364-40</a>
x=500mm – 20"	<a href="#">LMI 53361-50</a>	<a href="#">LMI 53362-50</a>	<a href="#">LMI 53363-50</a>	<a href="#">LMI 53364-50</a>
x=600mm – 23½"	<a href="#">LMI 53361-60</a>	<a href="#">LMI 53362-60</a>	<a href="#">LMI 53363-60</a>	<a href="#">LMI 53364-60</a>



1:1



1:1



1:1

x=300mm – 12"	<a href="#">LMI 53365-30</a>	<a href="#">LMI 53366-30</a>	<a href="#">LMI 53367-30</a>
x=400mm – 16"	<a href="#">LMI 53365-40</a>	<a href="#">LMI 53366-40</a>	<a href="#">LMI 53367-40</a>
x=500mm – 20"	<a href="#">LMI 53365-50</a>	<a href="#">LMI 53366-50</a>	<a href="#">LMI 53367-50</a>
x=600mm – 23½"	<a href="#">LMI 53365-60</a>	<a href="#">LMI 53366-60</a>	<a href="#">LMI 53367-60</a>





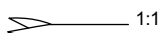
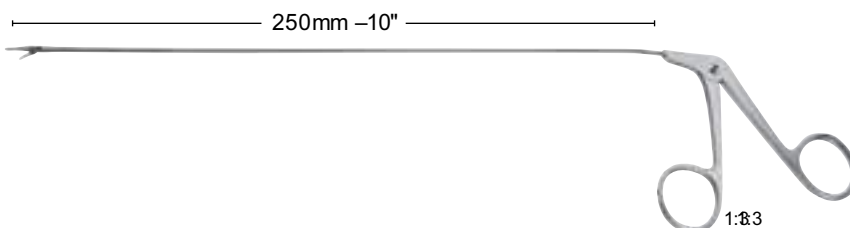
## Micro-instruments for Laryngo- Broncho-Oesophagocopy

## Surgery

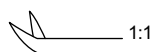


2.0 mm

Schaft  
Shaft  
Gaine  
Vaina  
Asta

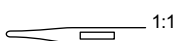


	LMI 52673-01	LMI 52673-02	LMI 52673-04	LMI 52673-05	LMI 52673-06
Scissors	straight	straight horizontal	angled up horizontal	curved right	curved left

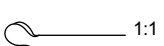


LMI 52673-03

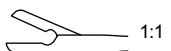
angled up



	LMI 52674-01	LMI 52674-02	LMI 52674-04	LMI 52674-05	LMI 52674-06
Alligator forceps	straight, serrated	straight horizontal	angled up horizontal	curved right	curved left



○ 2.5mm	LMI 52675-01	LMI 52675-02	LMI 52675-03	LMI 52675-04	LMI 52675-05
Cup shaped forc.	straight	angled up	angled up horizontal	curved right	curved left

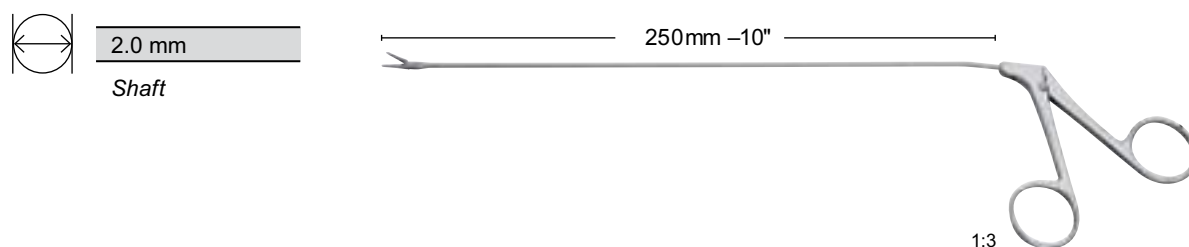


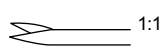

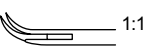


○ 3x5mm	LMI 52675-06
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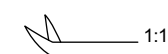
Cup shaped forc. oval

## Micro-instruments for Laryngo-Broncho-Oesophagосcopy






## Surgery




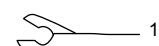
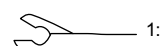


	 1:1	 1:1	 1:1	 1:1	 1:1
	<b>LMI 52676-01</b>	<b>LMI 52676-02</b>	<b>LMI 52676-04</b>	<b>LMI 52676-05</b>	<b>LMI 52676-06</b>
Scissors	straight	straight horizontal	angled up horizontal	curved right	curved left



<b>LMI 52676-03</b>
angled up

	 1:1	 1:1	 1:1	 1:1	 1:1
	<b>LMI 52677-01</b>	<b>LMI 52677-02</b>	<b>LMI 52677-04</b>	<b>LMI 52677-05</b>	<b>LMI 52677-06</b>
Alligator forceps	straight	straight horizontal	angled up horizontal	curved right	curved left

	 1:1	 1:1	 1:1	 1:1	 1:1
○ 2.5mm	<b>LMI 52678-01</b>	<b>LMI 52678-02</b>	<b>LMI 52678-03</b>	<b>LMI 52678-04</b>	<b>LMI 52678-05</b>
Cup shaped forc.	straight	angled up	angled up horizontal	curved right	curved left

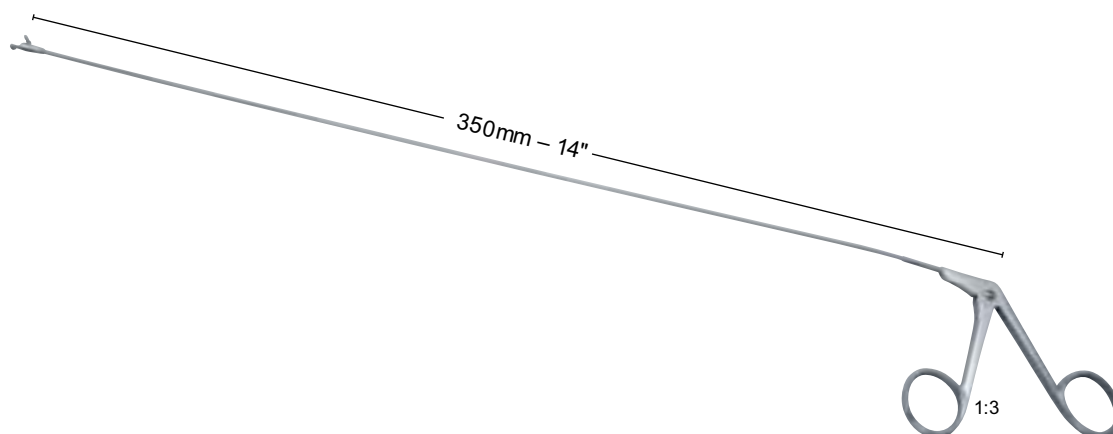


○ 3x5mm	<b>LMI 52678-06</b>
Cup shaped forc. oval	



## Micro-instruments for Laryngo-Broncho-Oesophagoscopy

## Surgery



**LMI 52680-01**

**LMI 52680-02**

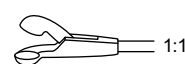
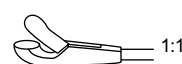
**LMI 52680-03**

Grasping forceps

straight, serrated

straight, fenestrated

straight



○ 3mm

**LMI 52680-04**

**LMI 52680-05**

**LMI 52680-06**

**LMI 52680-07**

**LMI 52680-08**

Cup shaped forc.

straight

angled up

angled up horizontal

curved right

curved left



2mmx5mm

3mmx5mm

**LMI 52680-09**

**LMI 52680-10**

Cup shaped forc.

straight

straight



**LMI 52680-11**

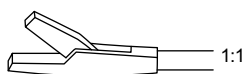
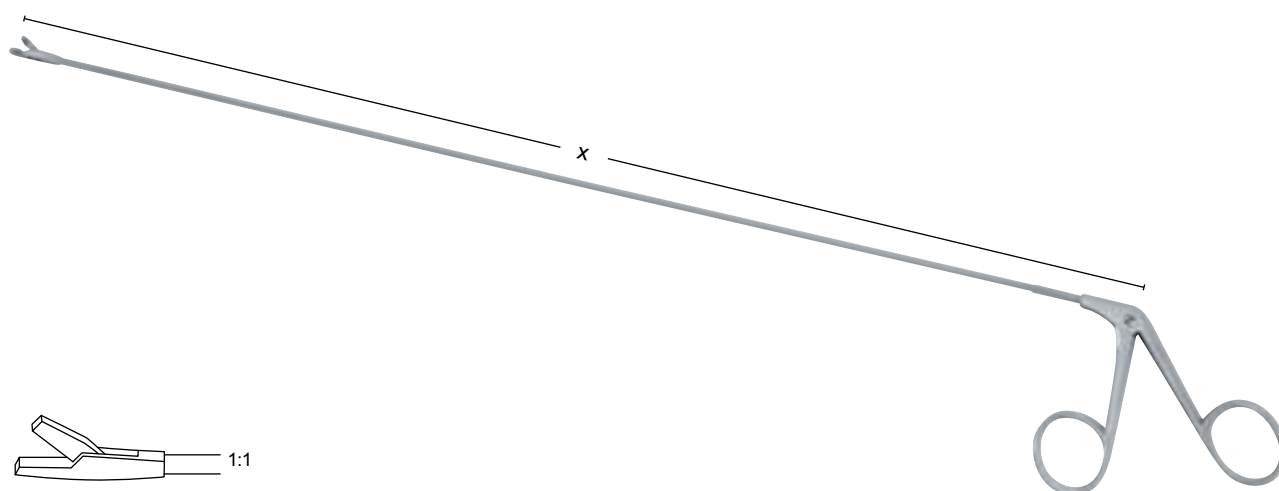
Universal forceps

straight



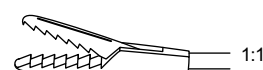
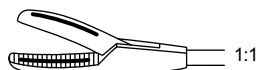
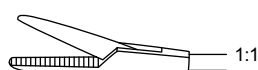
## Micro-instruments for Laryngo- Broncho-Oesophagoscropy

## Surgery



x=400 mm – 16"	<a href="#">LMI 52682-01</a>
x=500 mm – 20"	<a href="#">LMI 52684-01</a>
x=600 mm – 23½"	<a href="#">LMI 52686-01</a>

Punch forceps, straight



x=400 mm – 16"	<a href="#">LMI 52682-02</a>	<a href="#">LMI 52682-03</a>	<a href="#">LMI 52682-04</a>
x=500 mm – 20"	<a href="#">LMI 52684-02</a>	<a href="#">LMI 52684-03</a>	<a href="#">LMI 52684-04</a>
x=600 mm – 23½"	<a href="#">LMI 52686-02</a>	<a href="#">LMI 52686-03</a>	<a href="#">LMI 52686-04</a>

Grasping forceps

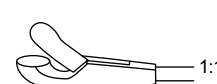
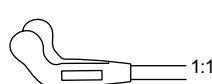
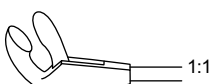
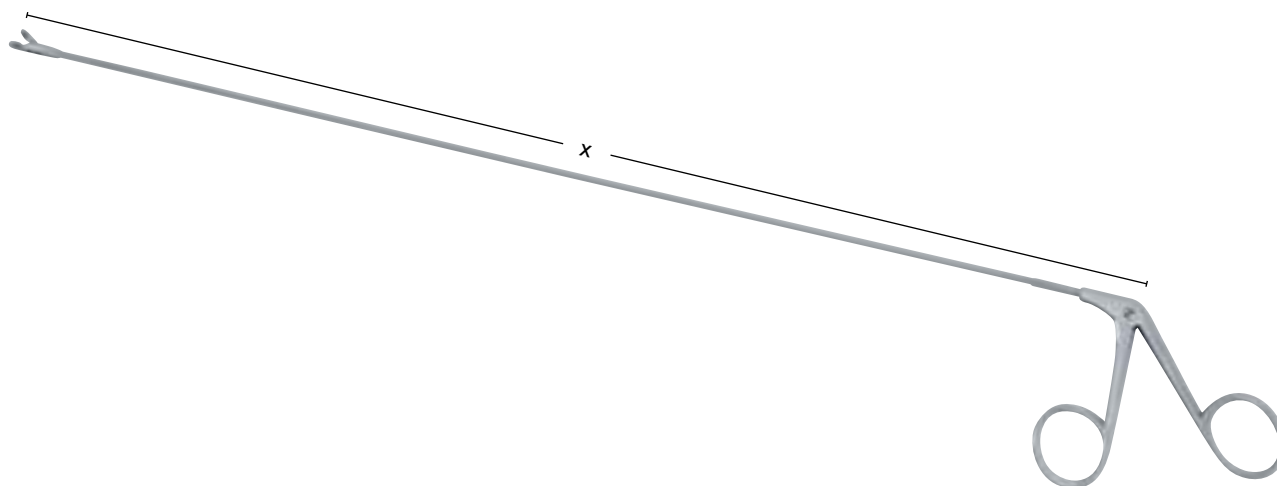
straight, serrated

straight, fenestrated

straight

## Micro-instruments for Laryngo-Broncho-Oesophagocopy

## Surgery



	4 mm	4 mm	4 mm	4 mm
x=400 mm – 16"	<a href="#">LMI 52682-05</a>	<a href="#">LMI 52682-06</a>	<a href="#">LMI 52682-07</a>	<a href="#">LMI 52682-08</a>
x=500 mm – 20"	<a href="#">LMI 52684-05</a>	<a href="#">LMI 52684-06</a>	<a href="#">LMI 52684-07</a>	<a href="#">LMI 52684-08</a>
x=600 mm – 23 1/2"	<a href="#">LMI 52686-05</a>	<a href="#">LMI 52686-06</a>	<a href="#">LMI 52686-07</a>	<a href="#">LMI 52686-08</a>

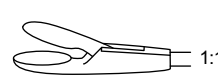
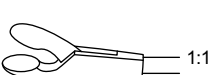
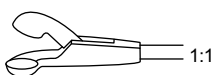
Cup shaped forceps

straight

angled up

angled up horizontal

curved right



	4 mm	3 mmx4 mm	4 mmx6 mm	4 mmx8 mm
x=400 mm – 16"	<a href="#">LMI 52682-09</a>	<a href="#">LMI 52682-10</a>	<a href="#">LMI 52682-11</a>	<a href="#">LMI 52682-12</a>
x=500 mm – 20"	<a href="#">LMI 52684-09</a>	<a href="#">LMI 52684-10</a>	<a href="#">LMI 52684-11</a>	<a href="#">LMI 52684-12</a>
x=600 mm – 23 1/2"	<a href="#">LMI 52686-09</a>	<a href="#">LMI 52686-10</a>	<a href="#">LMI 52686-11</a>	<a href="#">LMI 52686-12</a>

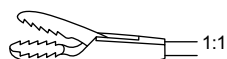
Cup shaped forceps

curved left

straight

straight

straight



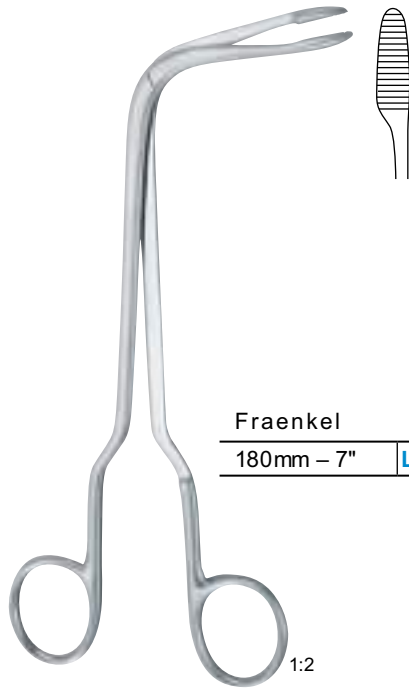
x=400 mm – 16"	<a href="#">LMI 52682-13</a>
x=500 mm – 20"	<a href="#">LMI 52684-13</a>
x=600 mm – 23 1/2"	<a href="#">LMI 52686-13</a>

Universal forceps

straight

## Laryngeal Polypus Forceps

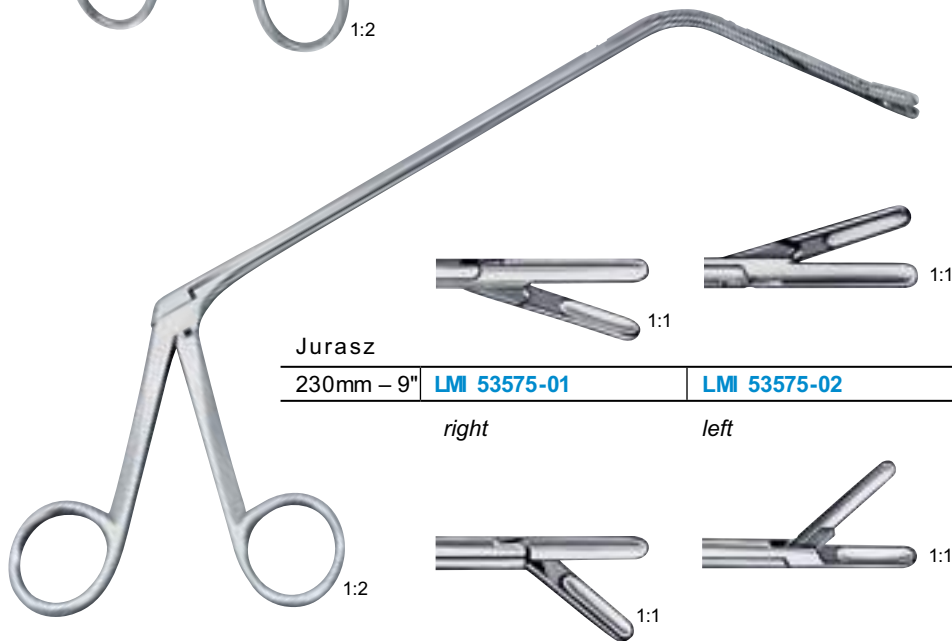
## Surgery



Fraenkel

180mm – 7"

LMI 53561-18



Jurasz

230mm – 9"

LMI 53575-01

LMI 53575-02

right

left



LMI 53575-03

downwards

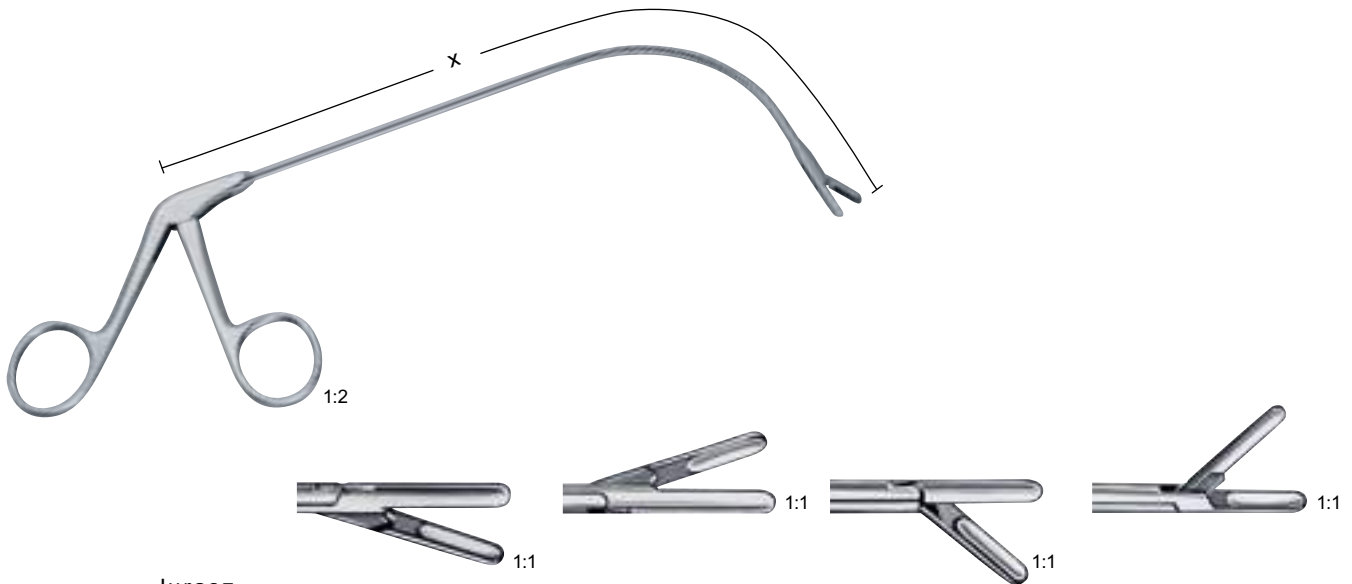


LMI 53575-04

upwards

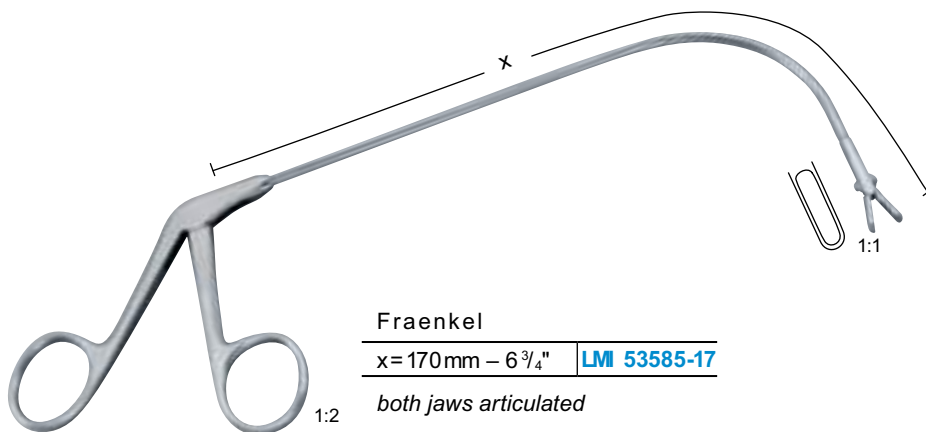
## Laryngeal Polypus Forceps

## Surgery



Jurasz

230mm – 9"	<a href="#">LMI 53580-01</a>	<a href="#">LMI 53580-02</a>	<a href="#">LMI 53580-03</a>	<a href="#">LMI 53580-04</a>
right		left	downwards	upwards



Fraenkel

x = 170mm – 6 <sup>3</sup>/<sub>4</sub>" [LMI 53585-17](#)

both jaws articulated



# 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

*Manufacturer & Exporter all kinds of Surgical, Dental Instruments*

## SURGICAL INSTRUMENTS

