



ASMED SURGICAL

Manufacturer & Exporter of Dental, Surgical, Veterinary and Manicure instruments

Registration No: A118747

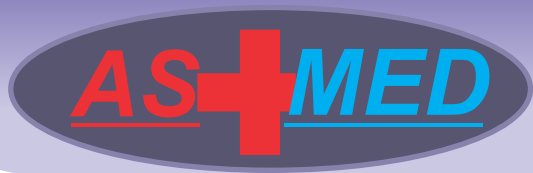
Welcome to our online
Bone Surgery
catalogue



Opposite UMT, Small Industrial Estate, Shahab Pura Road, Sialkot Pakistan.

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E-mail: asmedsurgical@gmail.com Website: www.asmedsurgical.com



About Us

History

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

Introduction

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

Our Philosophy

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

Company Policy

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

Our Commitment

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

Quality Management System

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

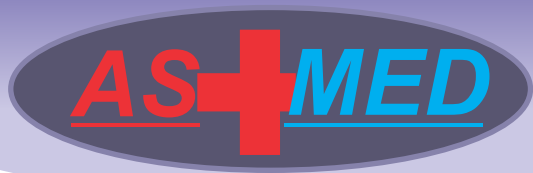
100% Satisfaction Guaranteed

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

Product Materials

We are Manufacturing stainless steel Grades **AISI 410, 420, 304, 302 ASTM F899** steel according international standards.

Also French & German & Japanese's steel technology that removes calculus efficiently, while retaining its sharp Asmed Surgical for a longer period of time.



About Us

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

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

Our Staff

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

Support

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

Terms & Condition

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

Minimum Order

The minimum order is Euro €.1000.00, US\$.1000.00

Price

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

Payment

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

We accept Irrevocable Letter of Credit (L/C).

Mode of Shipment

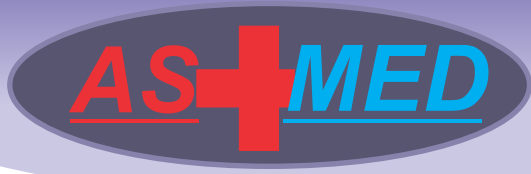
It depends on the requirement of buyer.

Claim

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

Returns

Returns are not acceptable without prior mutual consent. Any instruments that are custom made, modified, private labeled, custom etched or otherwise modified or hampered are not returnable for



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credit.

We reserve the right to inspect any returns prior to issuing any credit. Returned goods will be subject to 20% Re-stocking charges.

Repairs & Warranty Replacements

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

Void of this warranty

Merchandise will be repaired or replaced at our discretion.

The instruments lost/damaged during this transit to us will not be our responsibility.

The freight of such articles will be borne by the consignee.

Written By: Production Manager

Signature: _____

Reviewed By: Quality Assurance Manager

Signature: _____

Approved By: CEO

Signature: _____

Dated: 01st January 2021 to 31st December 2021



User Manual

Asmed Surgical is Manufacturer and Exporter of all kinds of Surgical Instruments for ENT Diagnostic, Ophthalmology & Dermatology Pocket Instruments, Premium ENT Diagnostic and Ophthalmic Instruments, Laryngoscopes, Fibre Optic Laryngoscopes, Laryngoscopes with Direct Illumination, Disposable Laryngoscopes, Laryngoscope Sets, Gynecology Sets,

INSTRUCTION MANUAL – PLEASE READ BEFORE USE SURGICAL INSTRUMENTS

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

INNOVATION

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

CUSTOMER SATISFACTION

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

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

EMPOWERMENT

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

PRODUCT LAUNCHES

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



User Manual

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

TESTS

All 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 Asmed Surgical. The user decides according to his specialized knowledge whether the instrument may be suitable for the intended purpose.

DISPOSAL

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

MATERIALS

Product Materials

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

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

QUALITY

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

REPROCESSING DIRECTIONS

Instruments may in general only be processed by specially skilled staff possessing the specific knowledge for this kind of work. Detailed information to the maintenance of instruments are available in the



User Manual

“in this Brochure” of the www.asmedsurgical.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 instruments and the used materials, it is not possible to determine a limited number of reprocessing cycles. The lifetime of surgical instruments is therefore determined by the function / wear of the device. In case of damage the device must be reprocessed before sending back to the manufacturer for repair.

REPROCESSING INSTRUCTIONS

Preparation at the point of use: Remove gross soiling by submerging the instrument into cold water (<40°C) immediately after use.

Don't use a fixating detergent or hot water (>40°C) as this can cause the fixation of residuals which may influence the result of the reprocess- in process.

TRANSPORTATION

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

PREPARATION FOR DECONTAMINATION

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

MANUAL PRE CLEANING

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

Remove the instruments from the bath and rinse again with cold tap water.

The cleaning bath must be changed at least once a day, or if required. Any pollution may influence the result of cleaning / disinfection and may favor corrosion.

MANUAL CLEANING

In case of manual cleaning, the cleaning process needs to be adapted to the pre-treatment. The used detergents must be compatible, in order to avoid any negative influence on the cleaning/disinfection result. The detergent must be suitable for the treatment of surgical instruments.



User Manual

The manufacturer's instructions regarding concentration and reaction time must be strictly obeyed. Use only soft brushes, no metal brushes. Channels and hollow parts must be rinsed thoroughly. If necessary, a high pressure hose must be used.

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

CHEMICAL DISINFECTION

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

PACKAGING STORAGE

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

Reprocessing validation study information:

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

ADDITIONAL INSTRUCTIONS

If the described chemistry and machines are not available, it is the duty of the user to validate his process.

It is the duty of the user to ensure that the reprocessing processes including resources, materials and personnel are capable to reach the required results. State of the art and often national law requiring these processes and included resources to be validated and maintained properly.

WARRANTY

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

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

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

Yours very sincerely,

Management and Staff Asmed Surgical
Asmed Surgical Product Launches

Amputation and resection saws

Surgery



Charrière

350 mm – 13³/₄"

Asmed 24001-35



12 mm

Asmed 24001-12

15 mm

Asmed 24001-15

Spare saw blades



Helferich-Bier

390 mm – 15¹/₂"

Asmed 24002-39



3 mm

Asmed 24002-03

5 mm

Asmed 24002-05

7 mm

Asmed 24002-07

Spare saw blades

Amputation and resection saws

Surgery



1:2

Satterlee

310 mm – 12 1/4"

Asmed 24003-31



1:2

Langenbeck

230 mm – 9"

Asmed 24004-23



Charrière

270 mm – 10 3/4"

Asmed 24005-27

300 mm – 12"

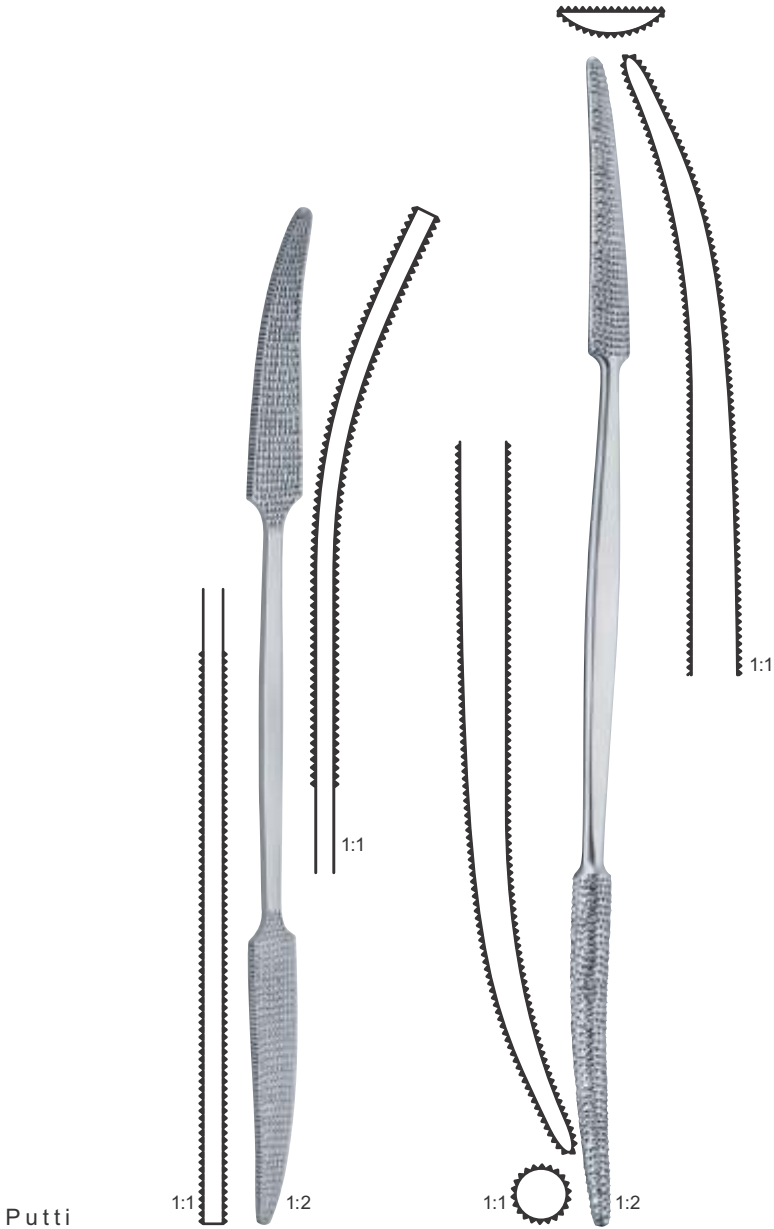
Asmed 24005-30

340 mm – 13 1/2"

Asmed 24005-34

Rasps, files

Surgery



Putti

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



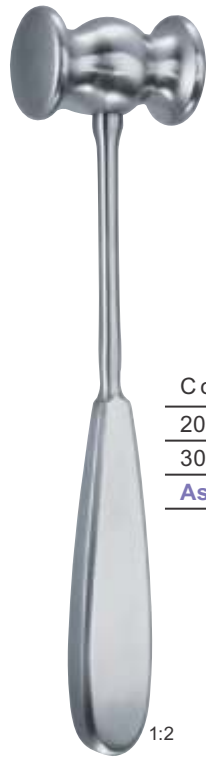
280 mm– 11"	245 mm – 9 ³ / ₄ "	220 mm – 8 ³ / ₄ "
Asmed 24014-28	x = 13 mm	x = 20 mm
Asmed 24015-24	Asmed 24016-22	
semicircular	semicircular	flat

Mallets

Surgery



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



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

1:2



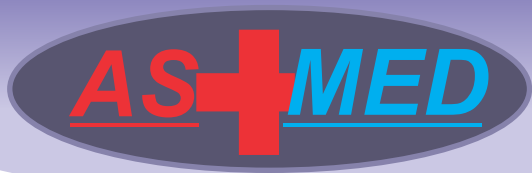
Hajek	
	215 mm – 8½"
27 mm Ø – 140 g	Asmed 24047-21

1:2



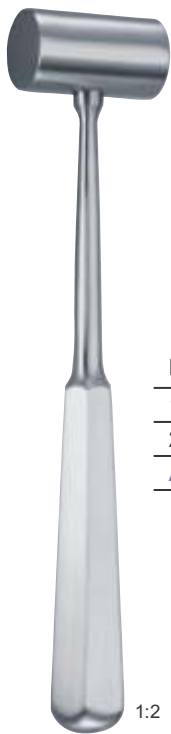
Kirk	
	190 mm – 7½"
38 mm Ø – 750 g	Asmed 24040-19

1:2



Mallets

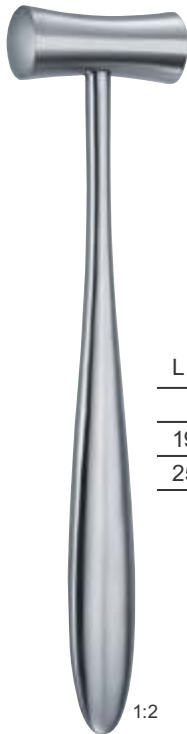
Surgery



Partsch

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

1:2



Lucae

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

1:2

Mallets

Surgery



Bergmann

245 mm – 9³/₄"

45 mm Ø – 300 g

Asmed 24043-24



Ombredanne

240 cm – 9¹/₂"

40 mm Ø – 550 g

Asmed 24041-24



Heath

40 mm Ø – 700 g

45 mm Ø – 1000 g

180 mm – 7"

200 mm – 8"

Asmed 24044-18

Asmed 24044-20

Copper filled head

Mallets

Surgery



1:2

190 mm – 7½"

250 mm Ø – 205 g

Asmed 24056-19

Solid steel, with plastic faces

Asmed 24056-90

Spare faces, 1 pair



1:2

Cottle

185 mm – 7¼"

30 mm Ø – 240 g

Asmed 50581-19

1 side flat / 1 side convex



Williger

240 mm – 9½"

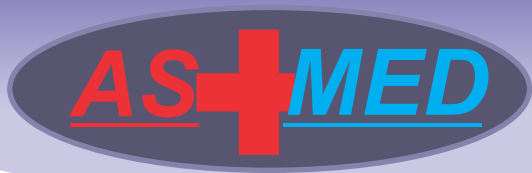
28 mm Ø – 340 g

Asmed 24042-28

30 mm Ø – 400 g

Asmed 24042-30

lead filled



Mallets

Surgery



Williger

165 mm – 6½"

20 mm Ø – 140 g

Asmed 24055-16



Mead

170 mm – 6¾"

26 mm Ø – 320 g

Asmed 24050-17

Steel solid, with plastic faces

Asmed 24050-90

Spare faces, 1 pair

Mallets

Surgery



1:2

225 mm – 8 $\frac{3}{4}$ "

37 mm Ø – 370 g

Asmed 24052-22

Head solid steel, with Ferrozell faces

Asmed 24052-90

Spare faces, 1 pair



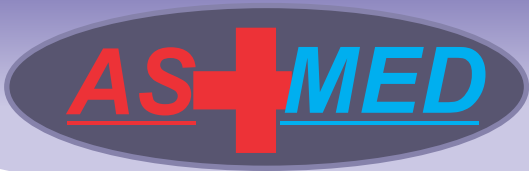
1:2

240 mm – 9 $\frac{1}{2}$ "

30 mm Ø – 480 g

Asmed 24059-24

Head solid steel, Ferrozell handle



Mallets **Surgery**



1:2

	42 mm Ø – 250 g	42 mm Ø – 400 g
260 mm – 10¼"	Asmed 24045-26	Asmed 24046-26

Ferrozell, without lead Plastic, lead filled



1:2

	30 mm Ø – 450 g	50 mm Ø – 900 g
265 mm – 10½"	Asmed 24054-01	Asmed 24054-02

Bone chisels and gouges

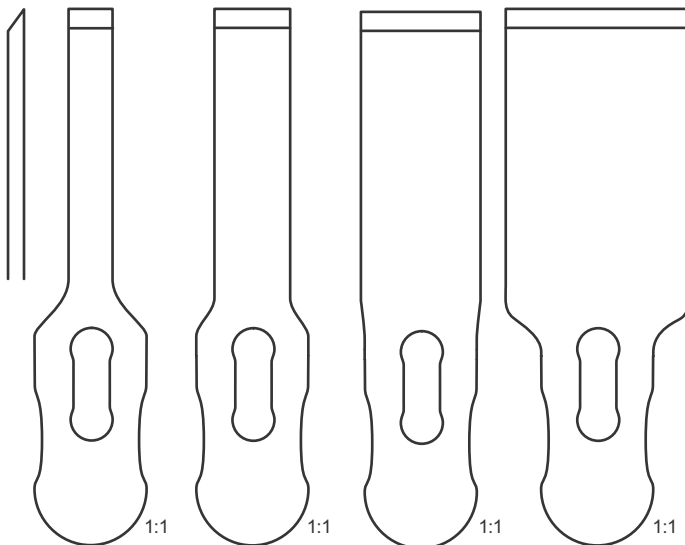
Surgery



1:2

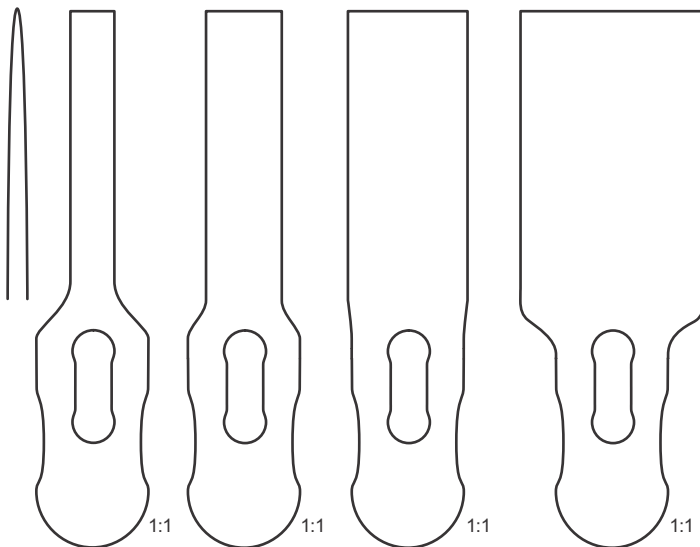
185 mm – 7 1/4"

Asmed 24084-00



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

Chisel blades, interchangeable



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

Osteotome blades, interchangeable



1:2

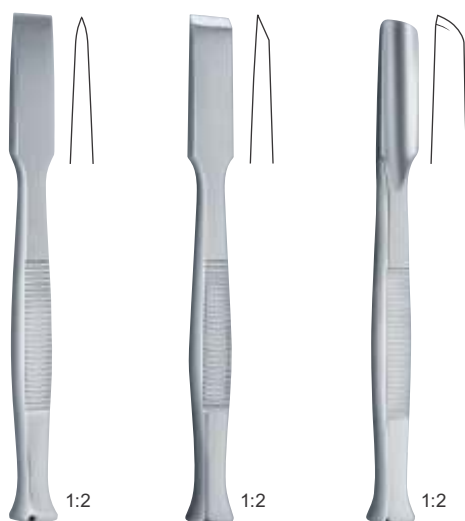
90 mm – 3 1/2"

Asmed 24084-01

Key

Bone chisels and gouges

Surgery



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

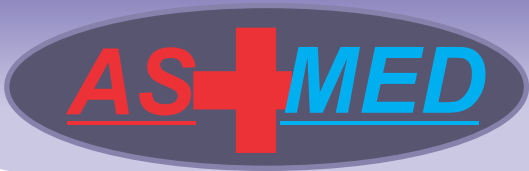


Lucas	160 mm – 6¼"	160 mm – 6¼"
3 mm		Asmed 24228-03
4 mm	Asmed 24227-04	Asmed 24228-04
5 mm		Asmed 24228-05
6 mm	Asmed 24227-06	Asmed 24228-06

Chisel Gouge



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



Bone chisels and gouges **Surgery**



Partsch

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



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

Bone chisels and gouges

Surgery



Lambotte

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

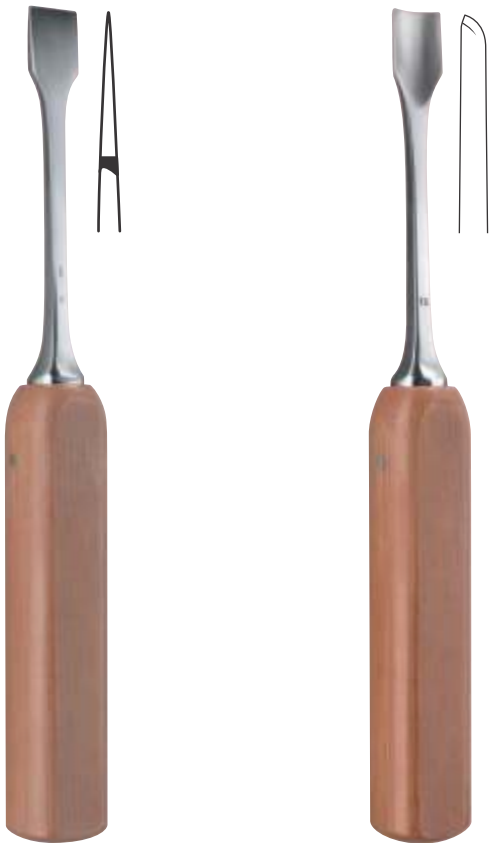


Mini-Lambotte

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

Bone chisels and gouges

Surgery



Lexer

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

Ferrozell handle



Mini-Lexer


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

Ferrozell handle




Bone chisels and gouges

Surgery



1:2




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




Bone chisels and gouges

Surgery



1:2

Smith-Petersen



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



Bone chisels and gouges

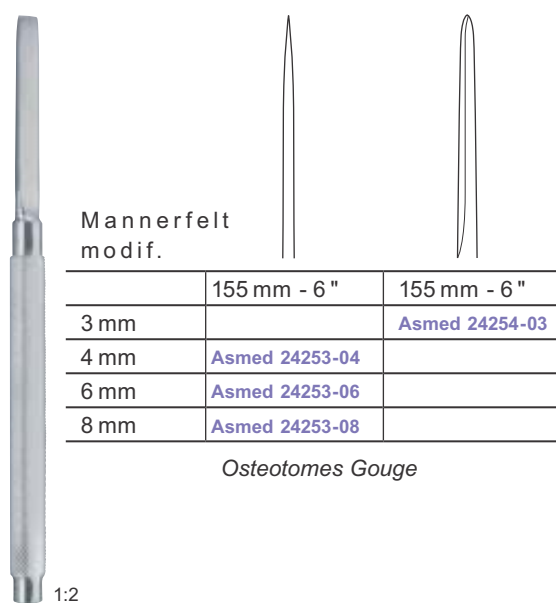
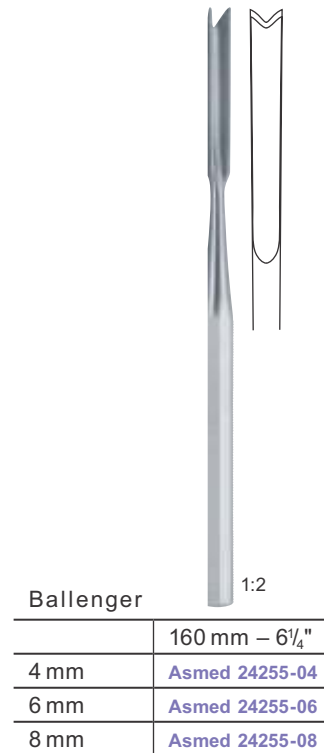
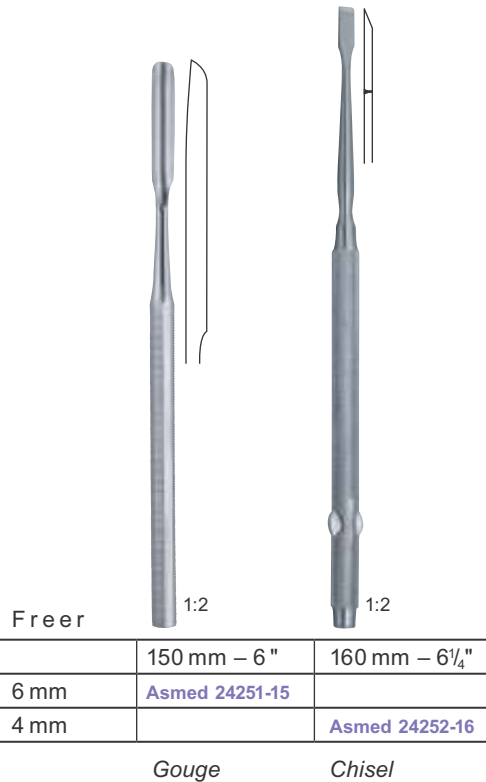
Surgery



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






Bone chisels and gouges



Surgery



Chisels, osteotomes for rhinoplastic

Surgery

									
Kilian		Kilian-Claus		Cottle		Cottle		Cottle	
160 mm – 6 1/4"		160 mm – 6 1/4"		150 mm – 6"		190 mm – 7 1/2"		180 mm – 7"	
5 mm		5 mm		7 mm		4 mm			
Asmed 24261-16		Asmed 24263-16		12 mm		6 mm		Asmed 24277-06	
				Asmed 24270-07		Asmed 24272-19			
				Asmed 24270-12					

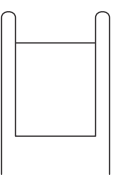
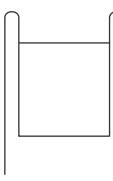
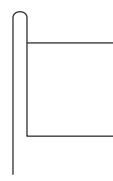
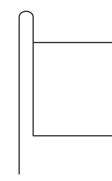
											
Fomon		1:1		1:1		1:1		1:1		1:1	
		4 mm		5 mm		6 mm		7 mm		8 mm	
170 mm – 6 3/4"		Asmed 24278-04		Asmed 24278-05		Asmed 24278-06		Asmed 24278-07		Asmed 24278-08	

Chisels, osteotomes for rhinoplastic

Surgery







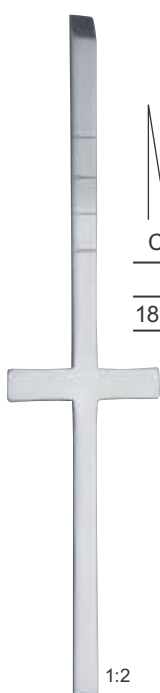
1:2

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







1:2

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

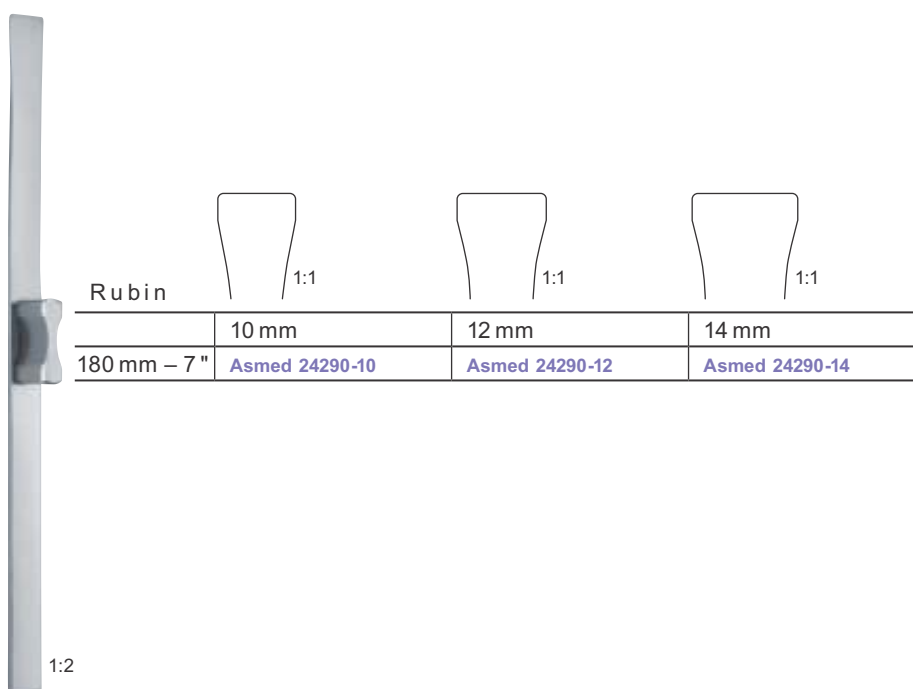
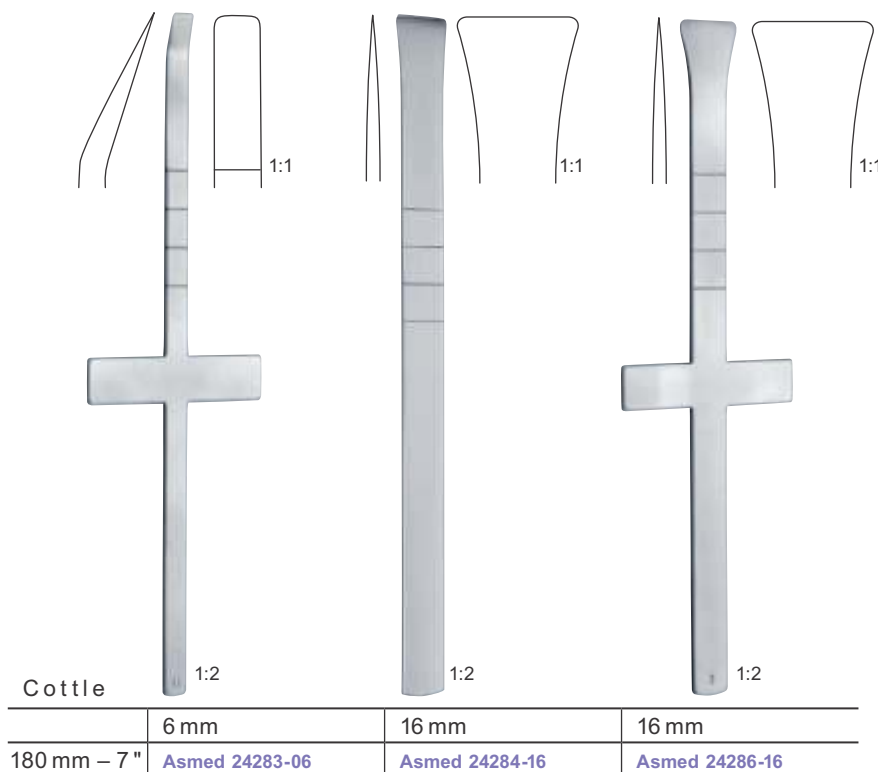


1:2

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

Chisels, osteotomes for rhinoplastic





Surgery





Chisels, osteotomes for rhinoplastic

Surgery



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







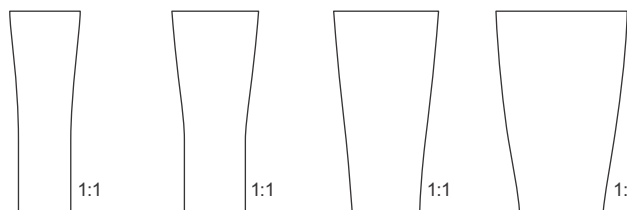
Walter		
		
	1:1	1:1
	3 mm	4,5 mm
190 mm – 7½"	Asmed 24292-03	Asmed 24292-04

1:2

1:2



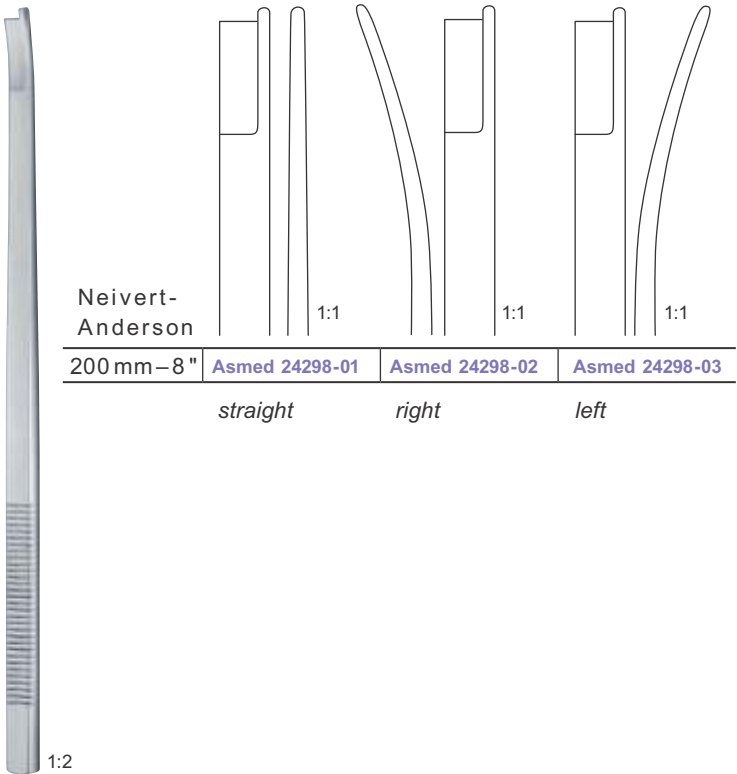
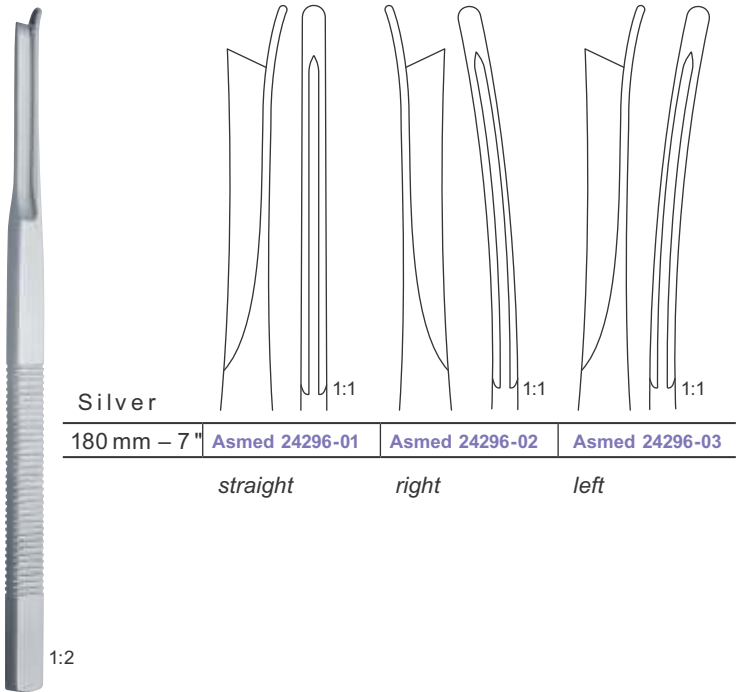
Sheehan				
				
	1:1	1:1	1:1	1:1
	2 mm	4 mm	6 mm	8 mm
160 mm – 6¼"	Asmed 24295-02	Asmed 24295-04	Asmed 24295-06	Asmed 24295-08



10 mm	12 mm	15 mm	18 mm
Asmed 24295-10	Asmed 24295-12	Asmed 24295-15	Asmed 24295-18

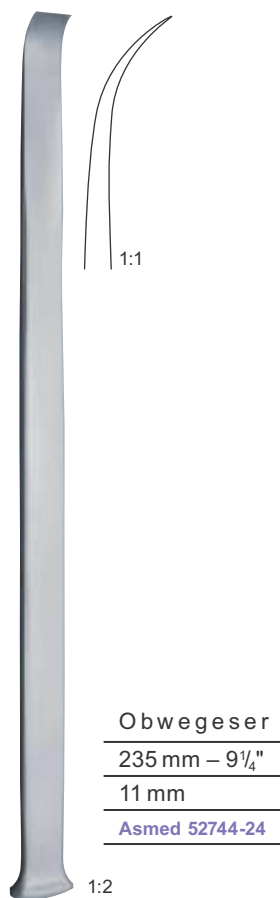
1:2

Chisels, osteotomes for rhinoplastic Surgery



Osteotomes for maxillo-facial surgery

Surgery



Obwegeser		
	7 mm	10 mm
215 mm – 8 1/2"	Asmed 52755-21	Asmed 52756-21

Tampers








Surgery





1:2






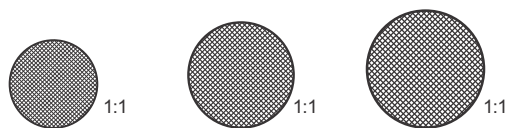
1:2

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

Passow	 1:1	 1:1
	Fig. 1	Fig. 2
	2.5 mm x 2.5 mm	3.5 mm x 3.5 mm
120 mm – 4 ³ / ₄ "	Asmed 24239-11	Asmed 24239-12

Caspar

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



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













1:2

Bone curettes






Surgery





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

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






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




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




Bone curettes

Surgery









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




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

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



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







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

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





Bone curettes






Surgery



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

oval, with plastic handle

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

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

Bone curettes

Surgery



Halle



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

flexible



Uffenorde

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

Bruns



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

solid



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



Bone curettes

Surgery



Schroeder



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

sharp / rigid

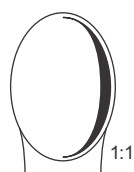
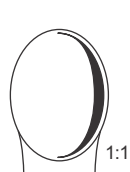


Fig. 4	Fig. 5	Fig. 6
Asmed 24448-04	Asmed 24448-05	Asmed 24448-06



Simon



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

sharp / rigid

Simon



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

sharp / rigid

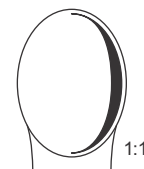
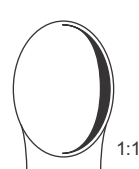





Fig. 4	Fig. 5	Fig. 6
Asmed 24445-04	Asmed 24445-05	Asmed 24445-06




Bone curettes




Surgery






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

straight




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




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



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





curved

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

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





Bone curettes Surgery



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

straight






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

1:2

Bone curettes

Surgery








Scoville	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3
250 mm – 9¾"	Asmed 24465-01	Asmed 24465-02	Asmed 24465-03

oval

1:2



Lempert	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 00000	Fig. 0000	Fig. 000	Fig. 00	Fig. 0
	1.8 mm	2.0 mm	2.4 mm	2.6 mm	2.8 mm
215 mm – 8½"	Asmed 24395-50	Asmed 24395-40	Asmed 24395-30	Asmed 24395-20	Asmed 24395-10

1:2

Bone curettes, double-ended

Surgery

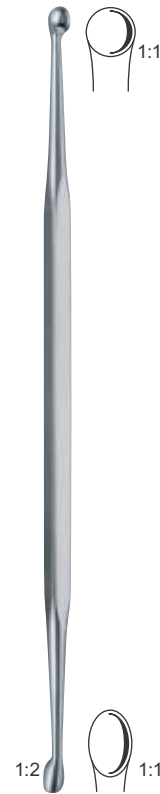


Volkman

130 mm – 5 "	Asmed 24400-13	Asmed 24410-13
140 mm – 5 1/2 "	Asmed 24400-14	
160 mm – 6 1/4 "		Asmed 24410-16
170 mm – 6 3/4 "	Asmed 24400-17	
200 mm – 8 "		Asmed 24410-20

oval / oval

round / oval



210 mm – 8 1/4 "


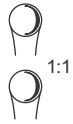
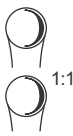
Asmed 24412-21

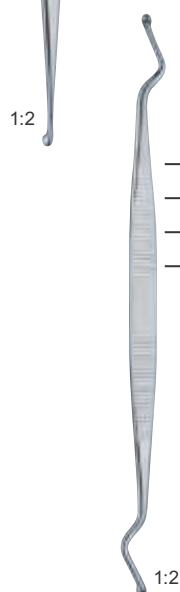
round / oval




Bone curettes, double-ended

Surgery






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


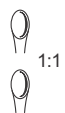
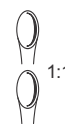


Martini			
	 1:1	 1:1	 1:1
	Fig. 00	Fig. 0	Fig. 1
	Fig. 00	Fig. 0	Fig. 1
155 mm – 6"	Asmed 24489-20	Asmed 24489-10	Asmed 24489-01



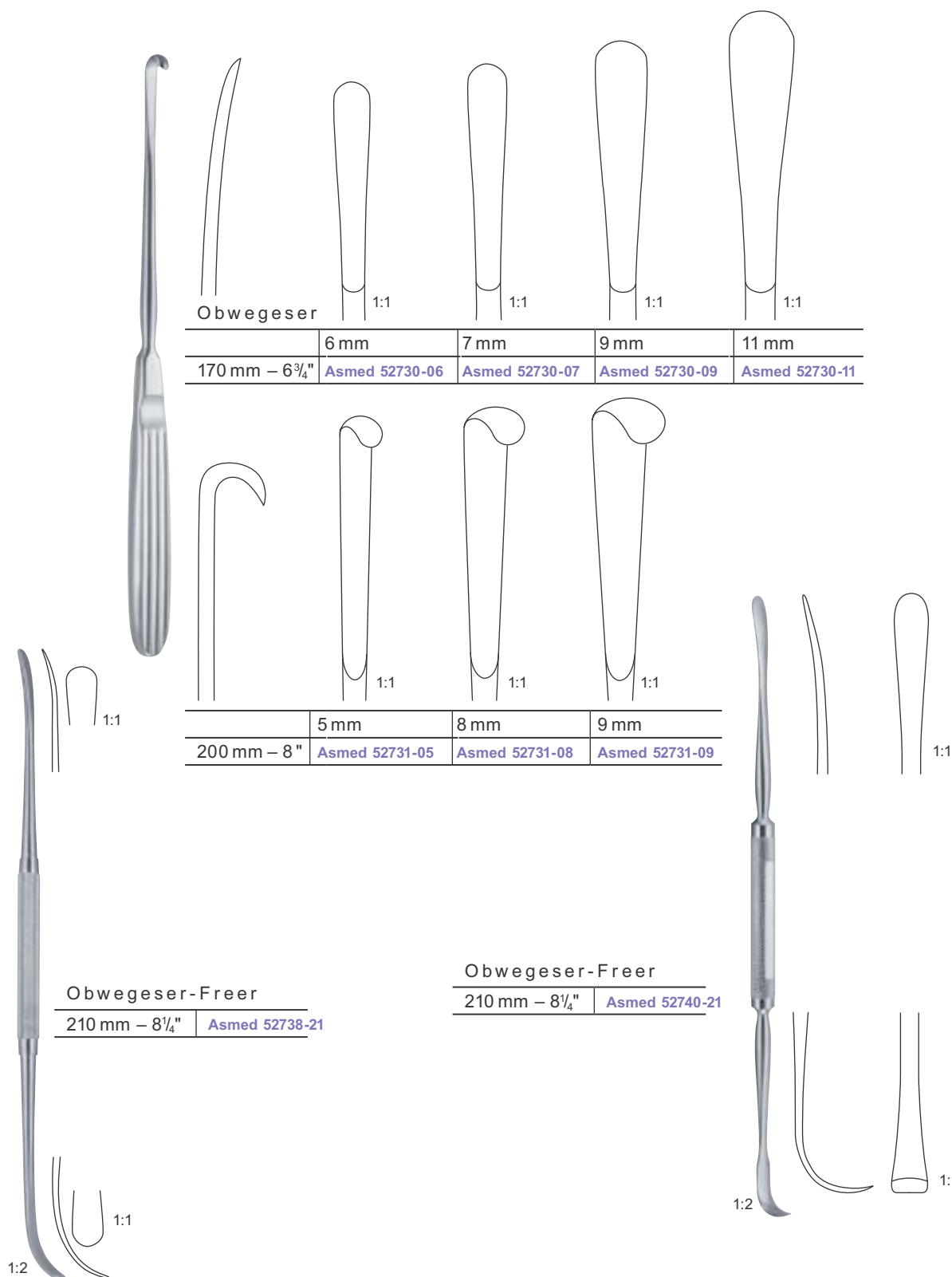
Williger			
	 1:1	 1:1	 1:1
	Fig. 00	Fig. 0	Fig. 1
	Fig. 0	Fig. 1	Fig. 2
135 mm – 5 1/4"	Asmed 24487-00	Asmed 24487-01	Asmed 24487-12



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

Periosteal elevators for maxillo-facial surgery

Surgery



Periosteal elevators and awls for maxillo-facial surgery

Surgery



Obwegeser

175 mm – 7 "

Asmed 52735-01



Obwegeser

230 mm – 9 "

Asmed 52751-23



Obwegeser

180 mm – 7 "

Asmed 52749-18



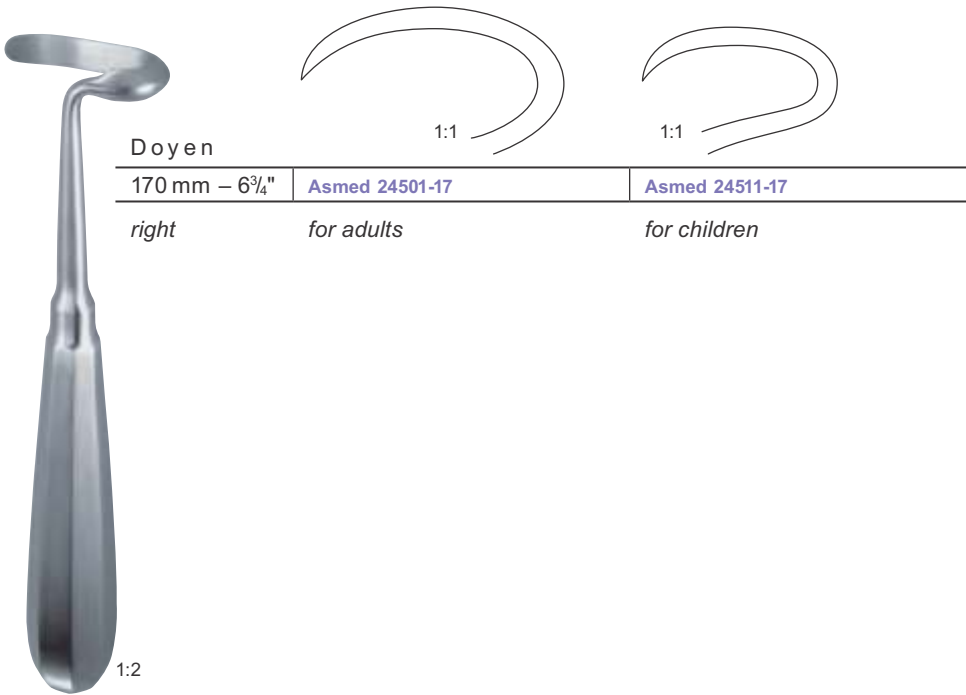
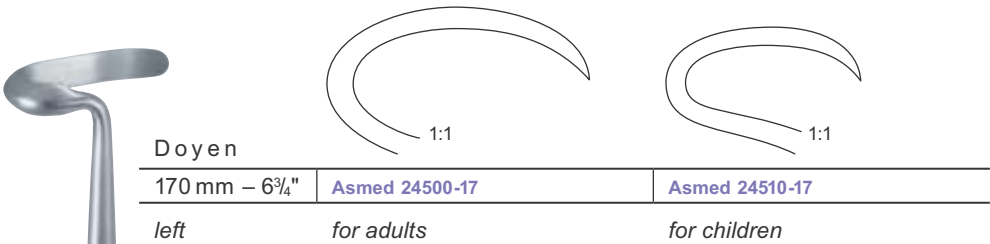
Obwegeser

140 mm – 5 ½ "

Asmed 52750-14

Periosteal raspatories-Elevators

Surgery



Periosteal raspatories-Elevators

Surgery

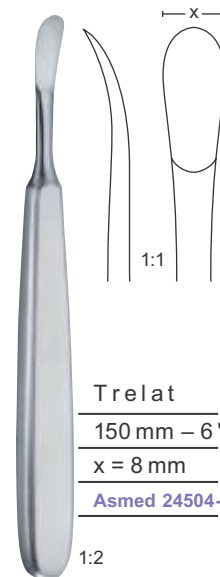


Quervain

195 mm – 7³/₄"

x = 6 mm

Asmed 24503-19

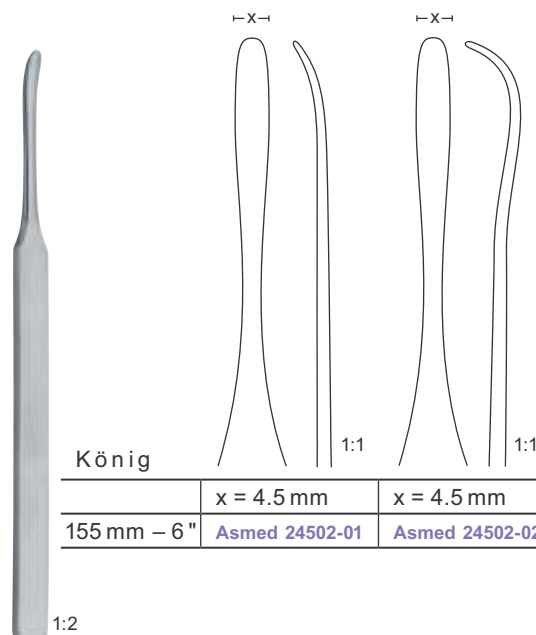


Trelat

150 mm – 6"

x = 8 mm

Asmed 24504-15



König

x = 4.5 mm

x = 4.5 mm

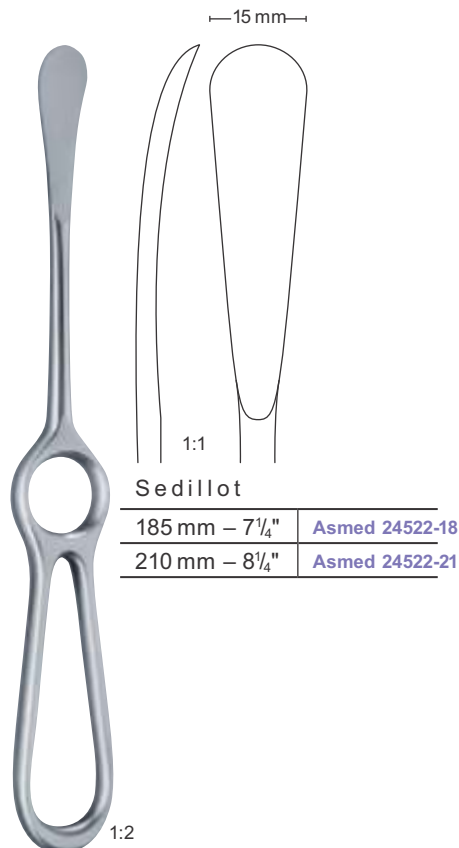
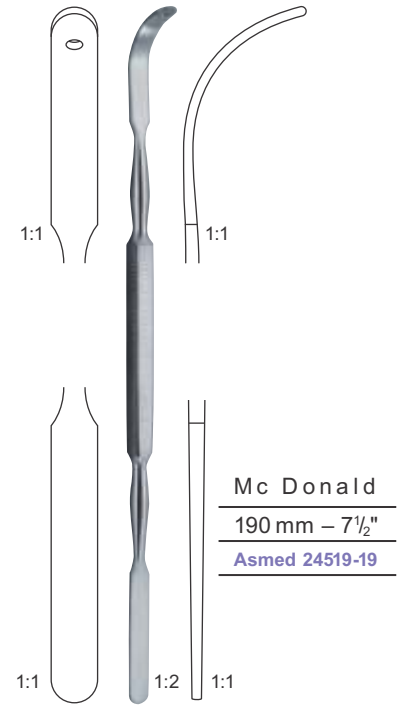
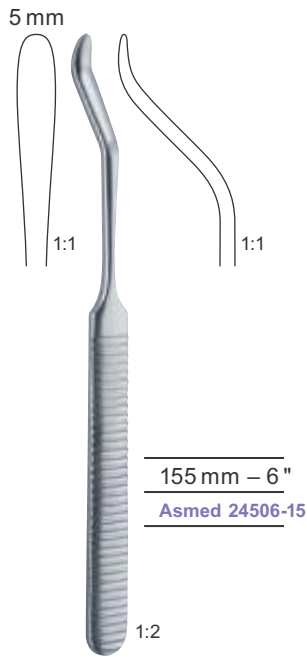
155 mm – 6"

Asmed 24502-01

Asmed 24502-02

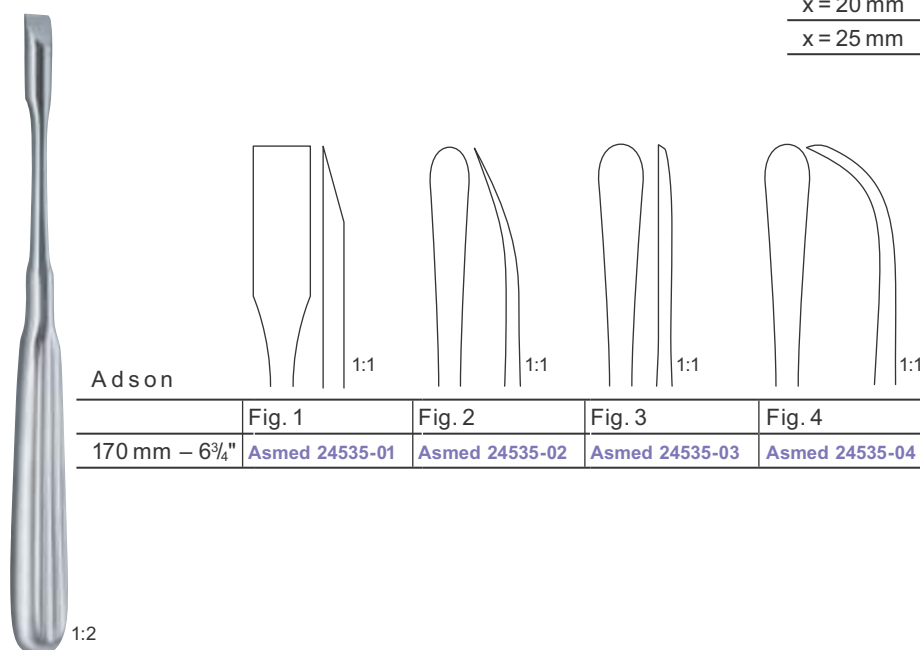
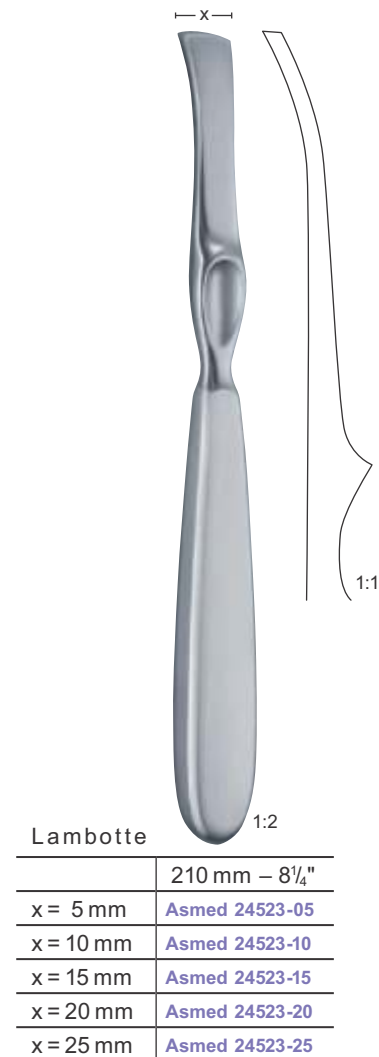
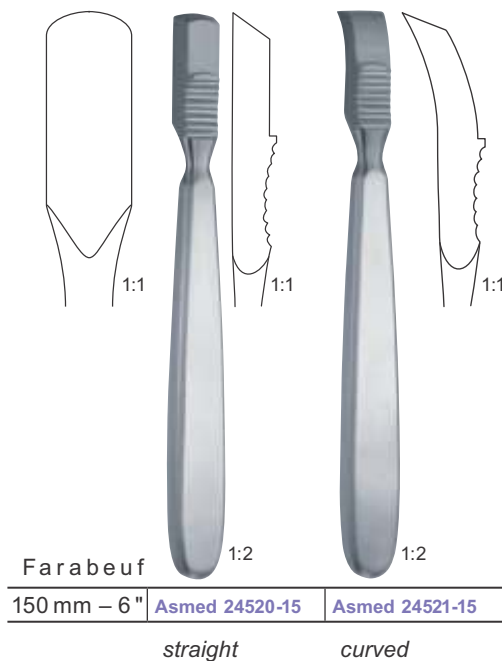
Periosteal raspatories-Elevators

Surgery



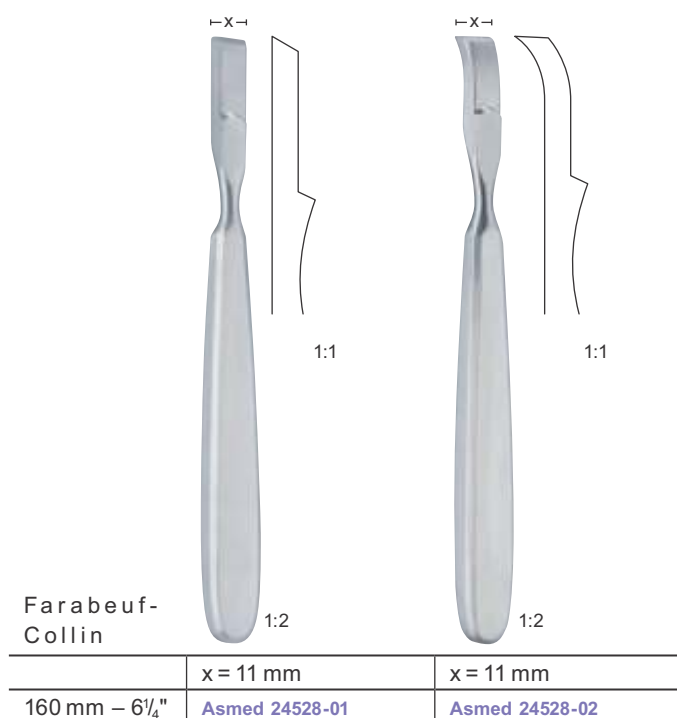
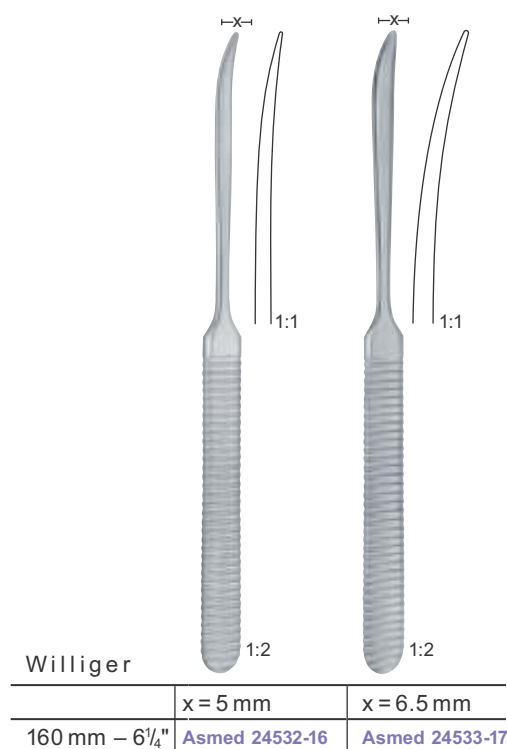
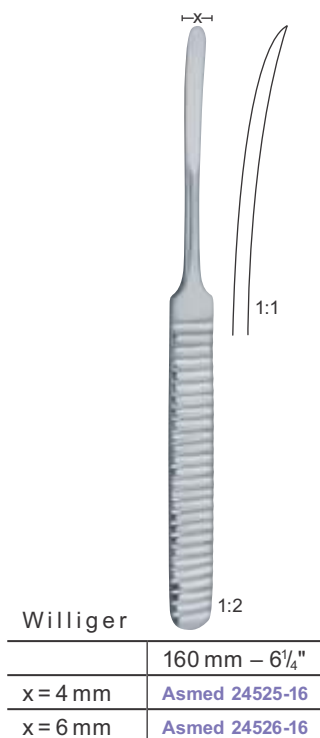
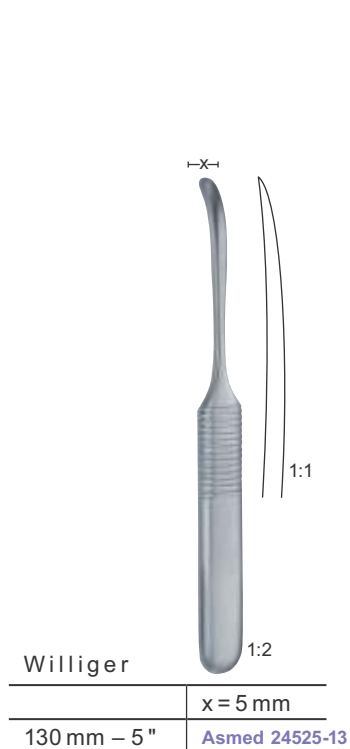
Periosteal raspatories-Elevators

Surgery



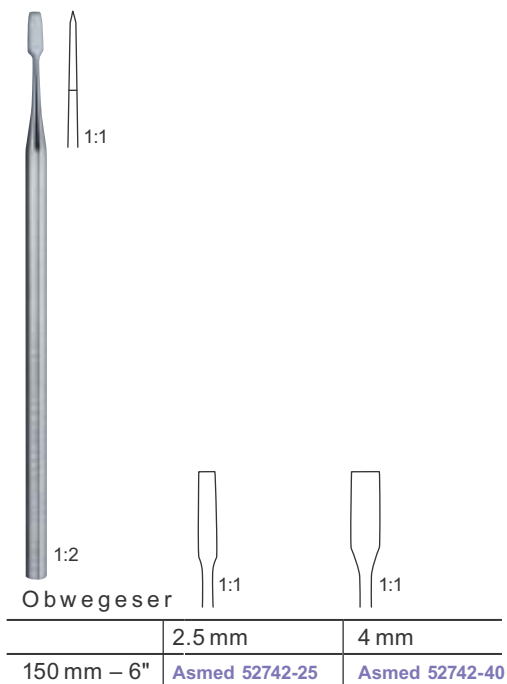
Periosteal raspatories-Elevators

Surgery



Periosteal raspatories-Elevators

Surgery









Periosteal raspatories-Elevators

Surgery



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

Periosteal raspatories-Elevators

Surgery

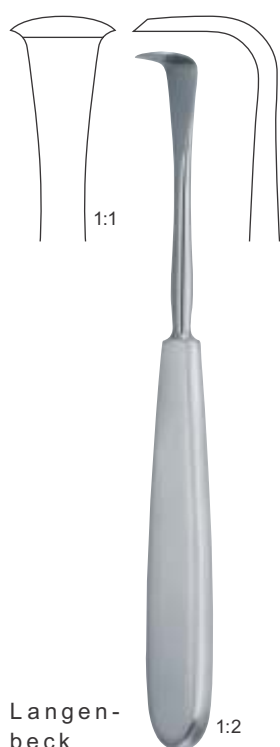


Howarth

215 mm – 8½"

Asmed 24534-21

sharp / blunt

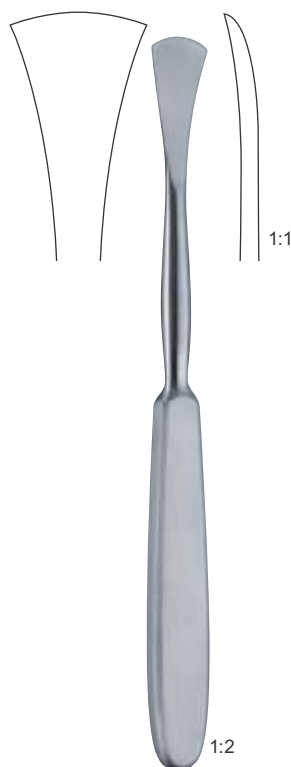


Langen-
beck

1:2

180 mm – 7"

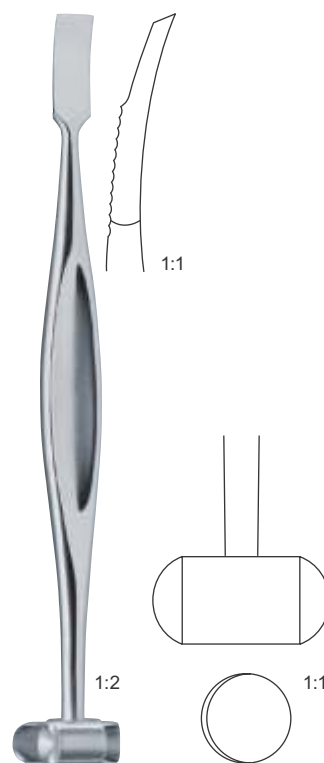
Asmed 24537-18



1:2

190 mm – 7½"

Asmed 24538-19



1:2

1:1

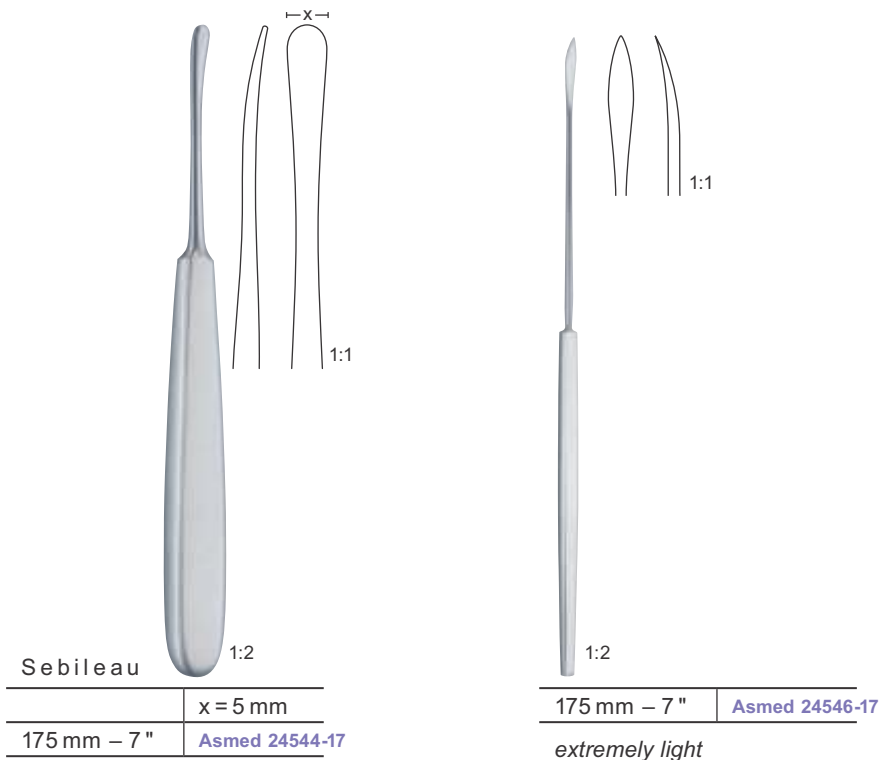
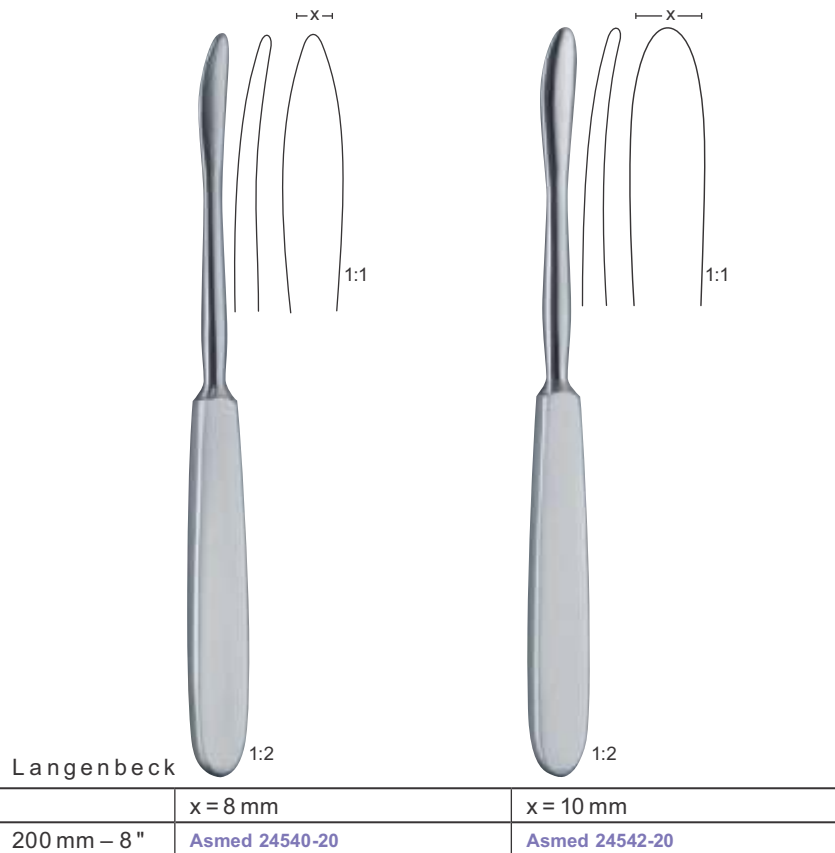
Alexander

200 mm – 8"

Asmed 24539-20

Periosteal raspatories-Elevators

Surgery



Periosteal raspatories-Elevators

Surgery



Cobb

1:2

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

Spinal raspatory



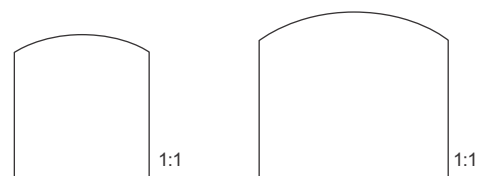
Key

1:1

1:1

1:1

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



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

Periosteal raspatories

Surgery



1:2

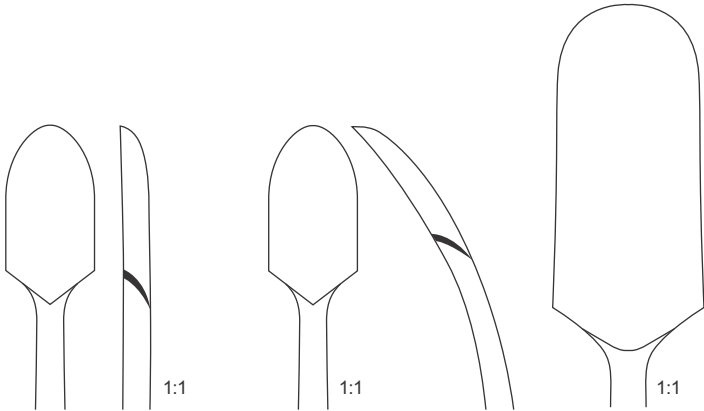


	Fig. 1	Fig. 2	Fig. 3
	14 mm	14 mm	20 mm
200 mm – 8 "	Asmed 24548-01	Asmed 24548-02	Asmed 24548-03
Ferrozell handle	straight	curved	straight



1:2

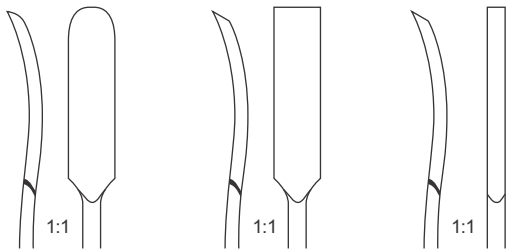


	Fig. 1	Fig. 2	Fig. 3
	6 mm	3 mm	6 mm
180 mm – 7 "	Asmed 24549-01	Asmed 24549-02	Asmed 24549-03
Ferrozell handle			



Bone levers

Surgery



Hohmann

220 mm – 8¾"	240 mm – 9½"	240 mm – 9½"	240 mm – 9½"
x = 8 mm	x = 18 mm	x = 43 mm	x = 70 mm
Asmed 24550-08	Asmed 24550-18	Asmed 24550-43	Asmed 24550-70

Bone levers

Surgery



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

Bone levers

Surgery



1:2

Mini-
Hohmann

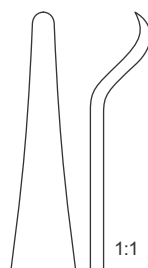
	6 mm	8 mm
160 mm – 6¼"	Asmed 24551-06	Asmed 24551-08



1:1



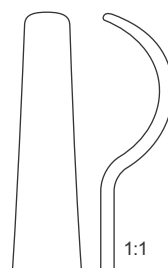
1:1



1:1



1:1

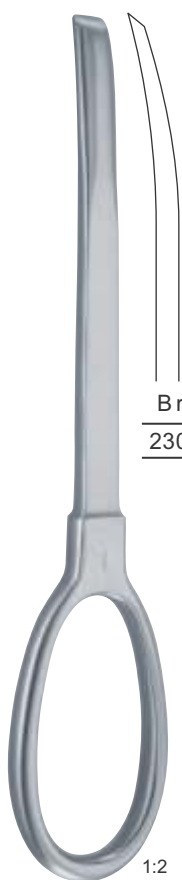


1:1

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



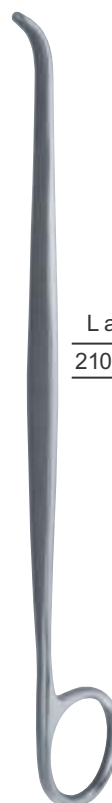
1:2



1:2

Bristow

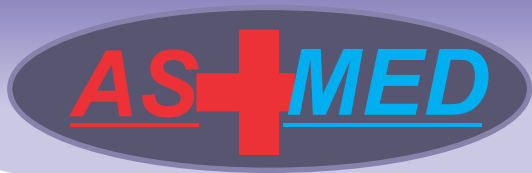
230 mm – 9"	Asmed 24552-23
-------------	----------------



1:2

Lane

210 mm – 8¼"	Asmed 24552-21
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Bone levers

Surgery



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

1:2



Murphy-Lane	
	340 mm – 13½"
	Asmed 24556-34
Luxation lever	

1:2

Bone levers

Surgery



Blount

260 mm – 10 ¹ / ₄ "	Asmed 24562-26	Asmed 24563-26
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Lange-Hohmann mod.

265 mm – 10 ¹ / ₂ "	280 mm – 11"
x = 30 mm	x = 33 mm
Asmed 24561-26	Asmed 24561-28

Bone levers

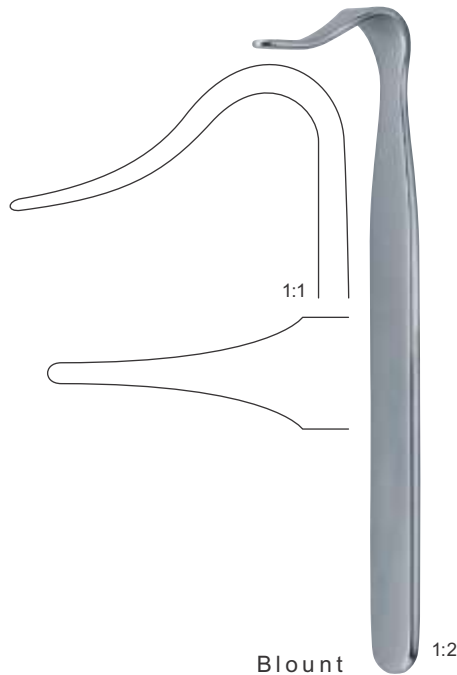
Surgery



Hohmann-
Williger

160 mm – 6 $\frac{1}{4}$ "

Asmed 24560-16



Blount

175 mm – 7"

Asmed 24564-17



Taylor

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

Meniscotomy knives

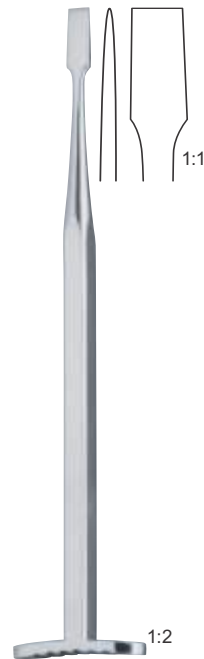
Surgery



Bircher

190 mm – 7½"

Asmed 24563-19



Smillie

170 mm – 6¾"

Asmed 24568-17



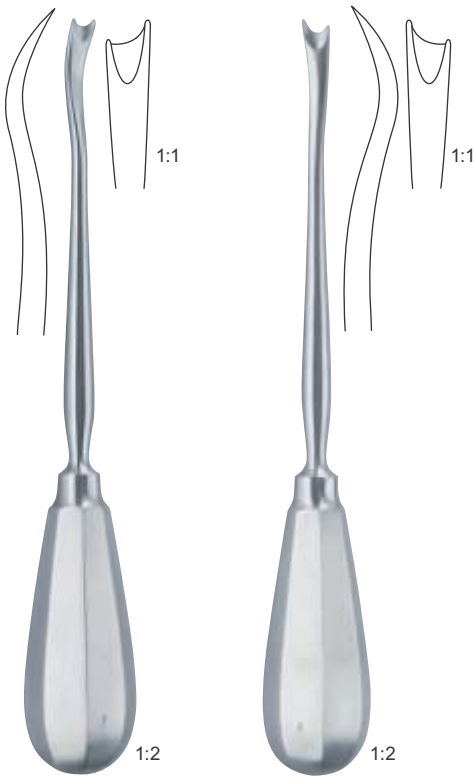
Asmed 24569-17



Asmed 24570-17

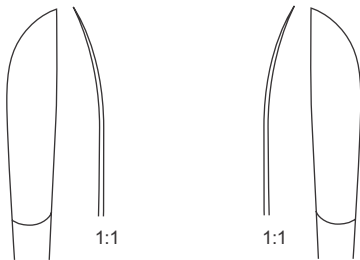
Meniscotomy knives

Surgery



Kanadisches
 Modell

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

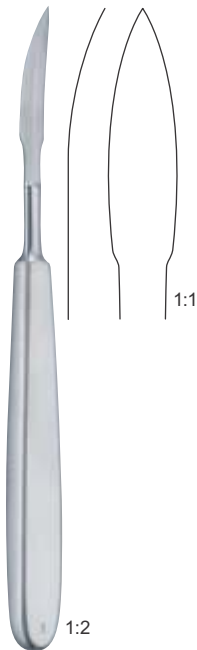


Neff

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

left

right



180mm – 7"

Asmed 24573-18



1:2



Tendon strippers **Surgery**



1:2

1:1

1:1

1:1

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

Malleable shaft



1:2

Bunnell

1:1

1:1

1:1

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

1:1

1:1

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

Tendon strippers

Surgery



Fischer

310 mm – 12 $\frac{1}{4}$ "

[Asmed 24580-31](#)



Bunnell

230 mm – 9"

[Asmed 24582-23](#)

Tendon passer



Kleinert-
Kutz

200 mm – 8"




20 mm Ø

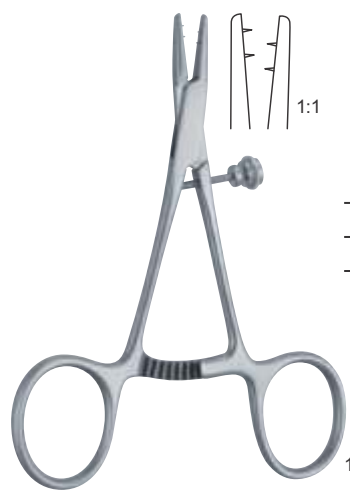
[Asmed 24588-20](#)


Tendon holding forceps

Surgery





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



 1:1
130 mm – 5"
Asmed 38724-13

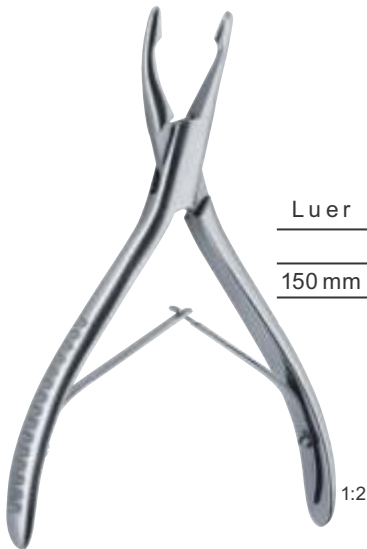




 1:1	 1:1
150 mm – 6"	Asmed 24589-15
	Asmed 24590-15



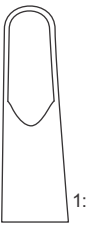
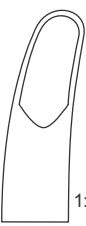
Bone rongeurs

Surgery



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



Luer	 1:1	 1:1
	Fig. 1	Fig. 2
170 mm – 6¾"	Asmed 24603-17	Asmed 24604-17



Mini-Friedmann
120 mm – 4¾"
Asmed 24605-12



Friedmann
140 mm – 5½"
Asmed 24605-14

Bone rongeurs

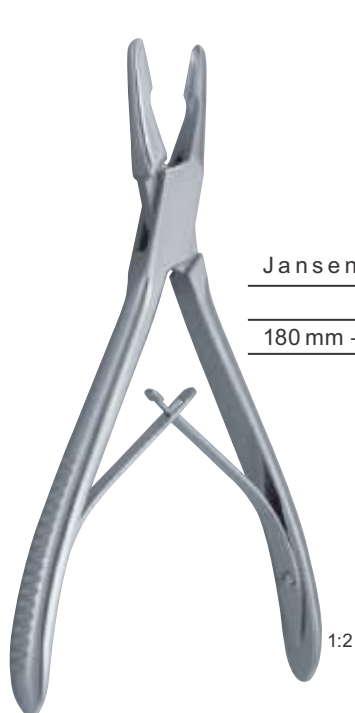
Surgery



Blumenthal



	Fig. 1	Fig. 2	Fig. 3
155 mm – 6"	Asmed 24606-01	Asmed 24606-02	Asmed 24606-03



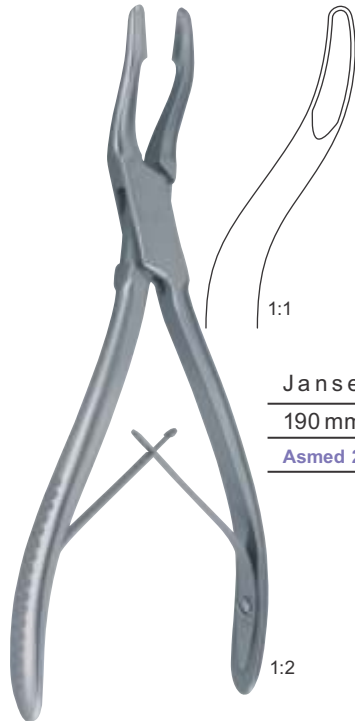
Jansen



	Fig. 1	Fig. 2
180 mm – 7"	Asmed 24607-01	Asmed 24607-02

Bone rongeurs

Surgery



Jansen

190 mm – 7½"

Asmed 24608-19



Adson

200 mm – 8"

Asmed 24609-20



Bacon

210 mm – 8¼"

Asmed 24610-21

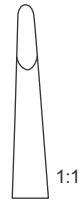
Bone rongeurs

Surgery

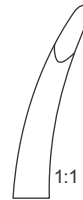


Lempert

190 mm – 7½"



1:1



1:1

Asmed 24612-19

Asmed 24611-19



Stellbrink

175 mm – 7"



1:1



1:1

slightly curved

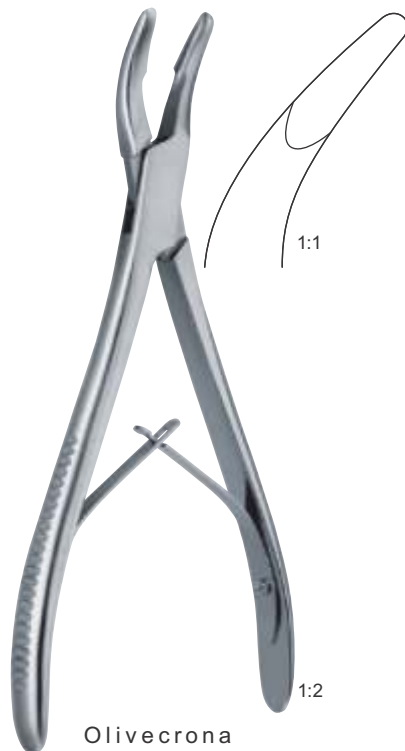
strongly curved

Asmed 24614-01

Asmed 24614-02

Bone rongeurs

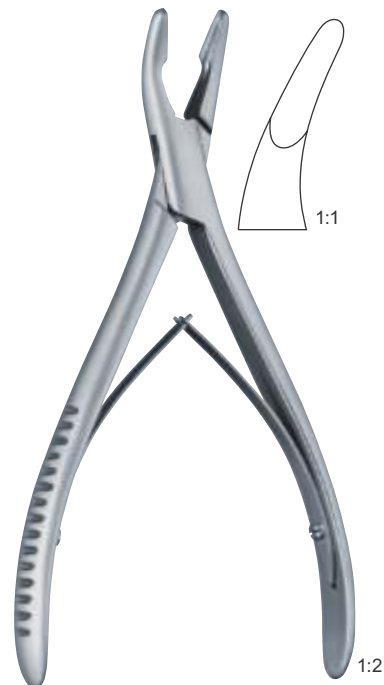
Surgery



Olivecrona

205 mm – 8 "

Asmed 24620-20



Hartmann

175 mm – 7 "

Asmed 24622-18

Bone rongeurs

Surgery



Mead

165 mm – 6½"

Asmed 24631-16



1:1

Cleveland

170 mm – 6¾"

Asmed 24637-17



1:1

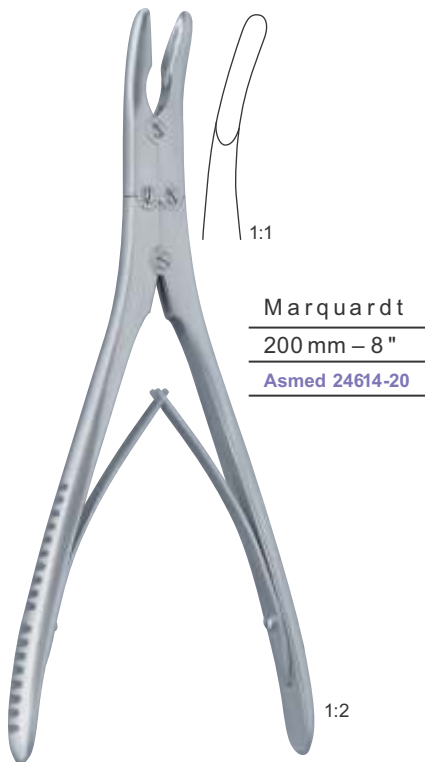
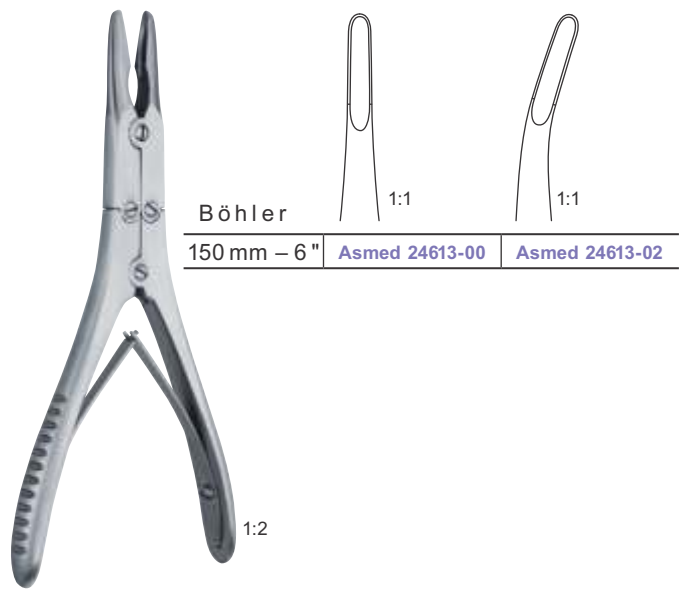
Cleveland

140 mm – 5½"

Asmed 24635-14

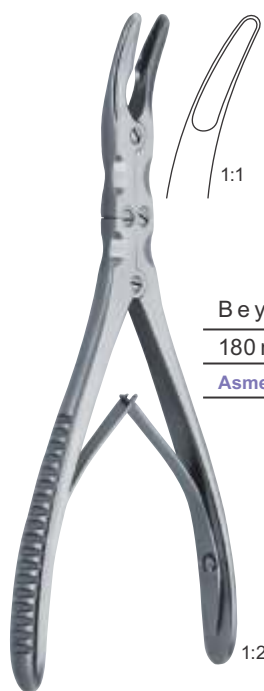
1:2

Bone rongeurs Surgery



Bone rongeurs

Surgery



Beyer

180 mm – 7"

Asmed 24615-18



Ruskin

180 mm – 7"

Asmed 24616-05

Asmed 24616-04



Mayfield


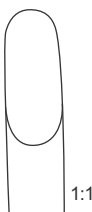
175 mm – 7"

Asmed 24627-17




Bone rongeurs

Surgery



Stille- Ruskin		
	1:1	1:1
230 mm – 9"	Asmed 24617-23	Asmed 24618-23






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

Bone rongeurs Surgery





1:2

Leksell			
	4 mm	6 mm	8 mm
240 mm – 9½"	Asmed 24621-04	Asmed 24621-06	Asmed 24621-08



1:2

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

Bone rongeurs

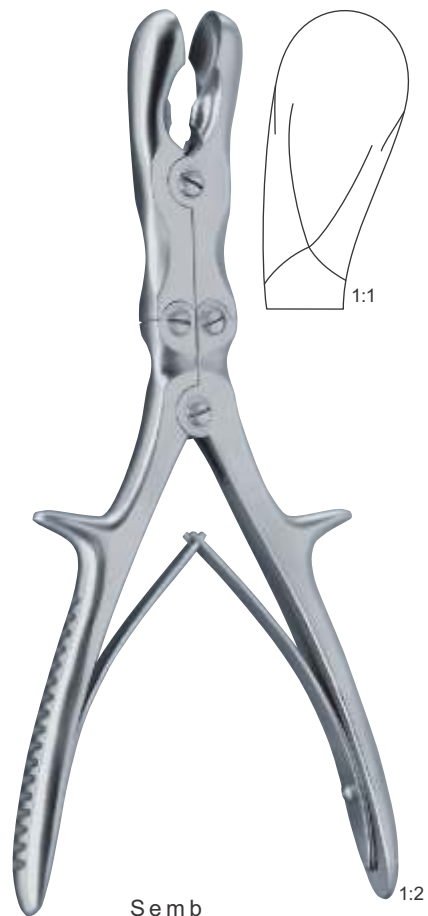
Surgery



Röttgen-
Ruskin

230 mm – 9"

Asmed 24629-23



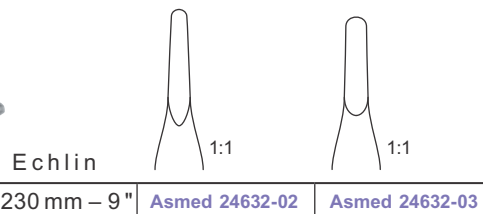
Semb

240 mm – 9½"

Asmed 24630-23

Bone rongeurs

Surgery



Frykholm


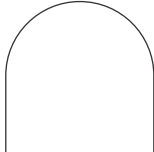
240 mm - 9½"

Asmed 24634-24

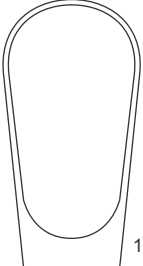
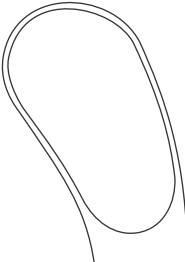
Bone rongeurs

Surgery



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



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

Bone cutting forceps

Surgery



Cottle-
Kazanjian

190 mm – 7½"

[Asmed 24649-19](#)



Liston

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

Bone cutting forceps

Surgery

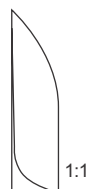


Böhler

150 mm – 6"

Asmed 24654-15

Asmed 24655-15



1:1



1:1

1:2



Ruskin-Liston

185 mm – 7¹/₄"

Asmed 24660-18

Asmed 24661-18



1:1



1:1

1:2



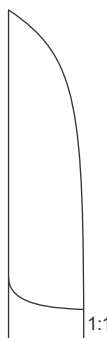
Stille-Liston

270 mm – 10³/₄"

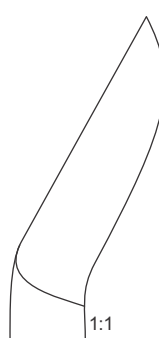
Asmed 24670-27

Asmed 24671-27

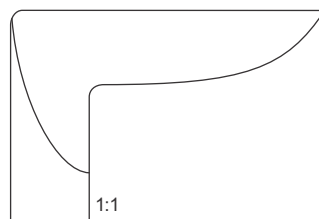
Asmed 24673-27



1:1



1:1



1:1

1:2

Bone cutting forceps

Surgery



Bone holding clamps - Bone holding forceps

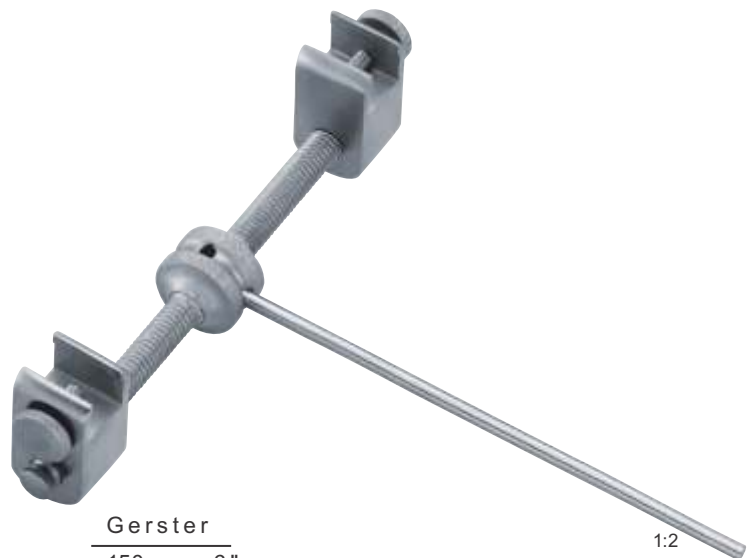
Surgery



Gerster-Lowmann

1:2

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



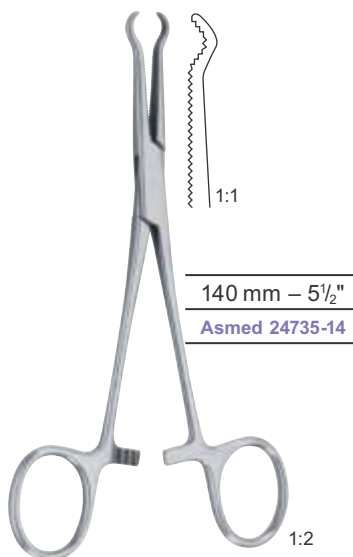
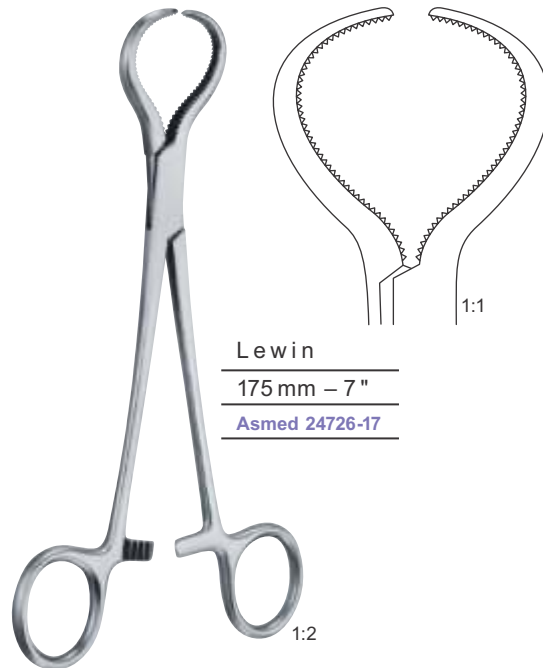
Gerster

1:2

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

Surgery



Bone holding forceps - Reposition forceps

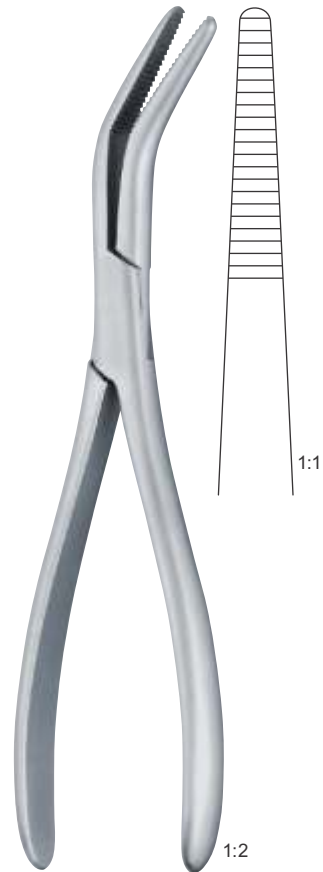
Surgery



Fergusson

210 mm – 8 1/4"

Asmed 24700-21



Van Buren

230 mm – 9"

Asmed 24701-23

Bone holding forceps

Surgery



Langenbeck

210 mm – 8 $\frac{1}{4}$ "

Asmed 24702-21



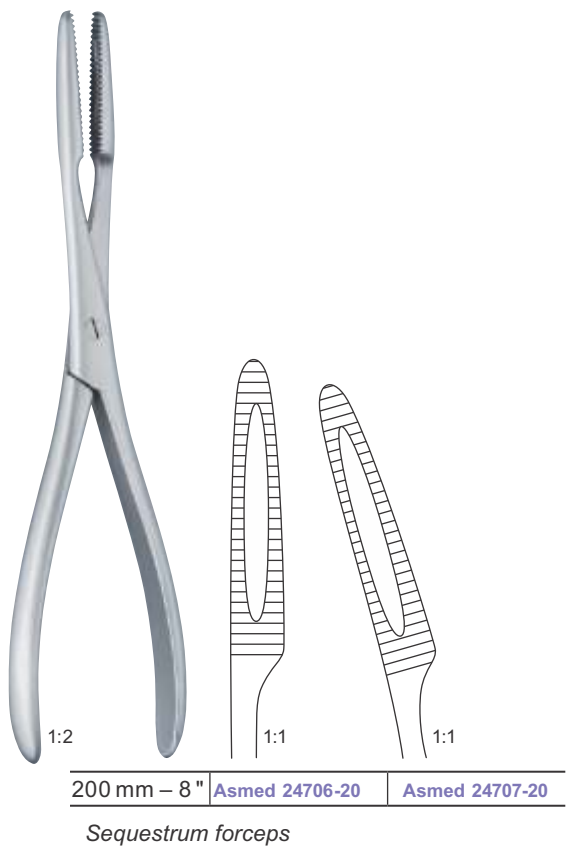
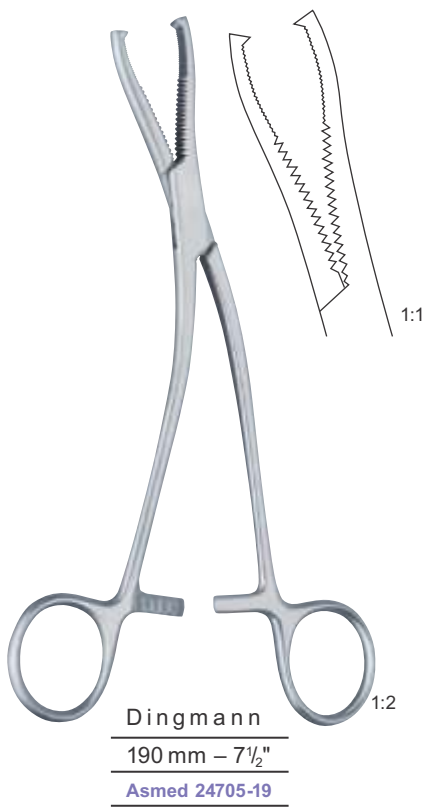
Semb

190 mm – 7 $\frac{1}{2}$ "

Asmed 24704-19

Bone holding forceps

Surgery



Bone holding forceps

Surgery



Farabeuf

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

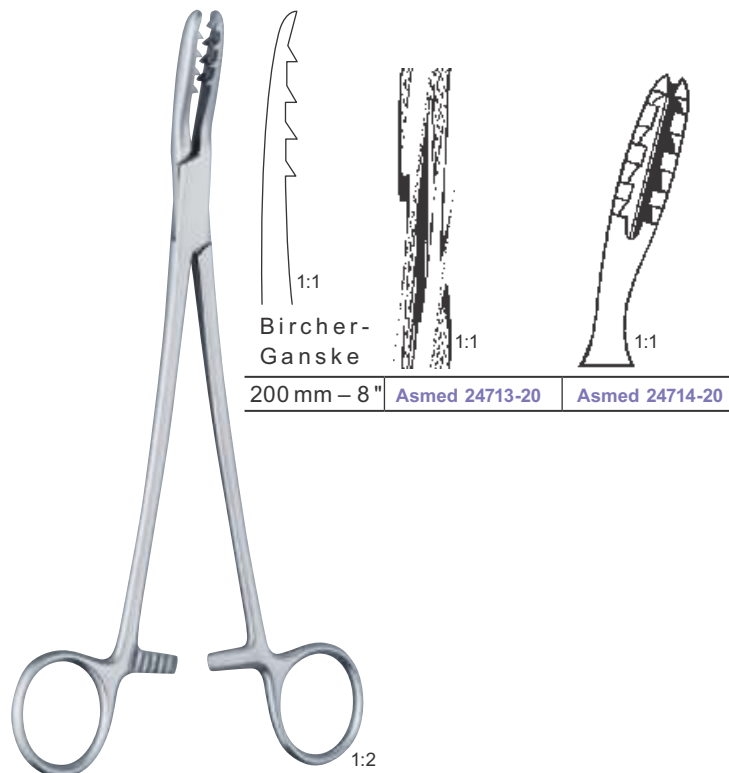


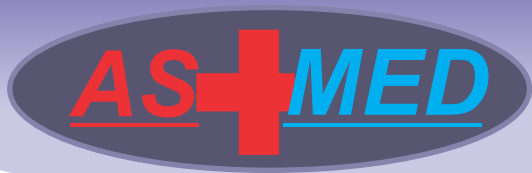
Farabeuf-Lambotte

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

Surgery





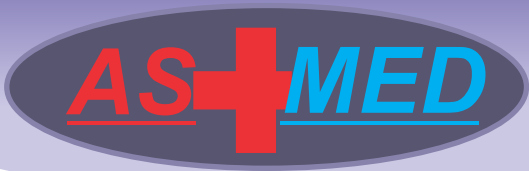
Bone holding forceps

Surgery



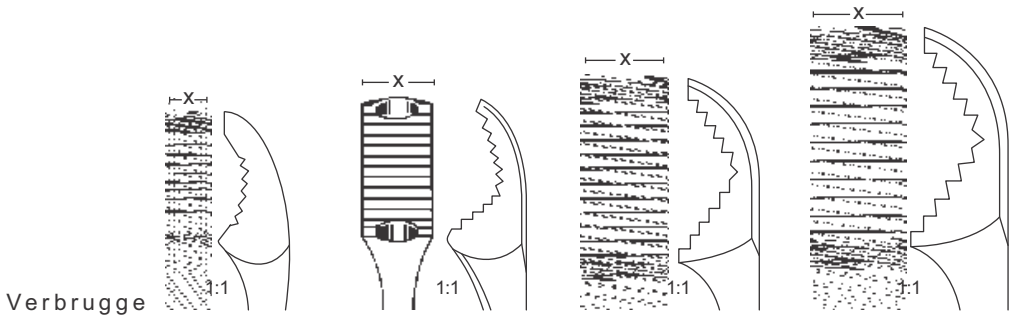
Hey Groves

210 mm – 8¼"	x = 6.5 mm	Asmed 24724-21
270 mm – 10¾"	x = 7.5 mm	Asmed 24724-27
305 mm – 12"	x = 8.5 mm	Asmed 24724-30



Bone holding forceps

Surgery



Verbrugge

175 mm – 7 "	250 mm – 10 "	260 mm – 10 ¼"	270 mm – 10 ¾"
x = 5.0 mm	x = 9.5 mm	x = 10.5 mm	x = 12.0 mm
Asmed 24730-17	Asmed 24730-25	Asmed 24730-26	Asmed 24730-27

Bone holding forceps

Surgery



Kern

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

Bone holding forceps

Surgery



Lane		
330 mm – 13"	Asmed 24722-33	Asmed 24723-33
450 mm – 17¾"	Asmed 24722-45	Asmed 24723-45

Bone holding forceps

Surgery



Lambotte

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

one jaw mobile

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

self-centering

Bone holding forceps

Surgery



Ulrich

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

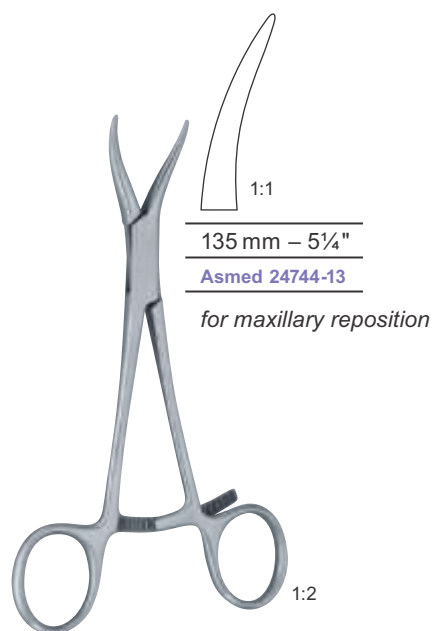
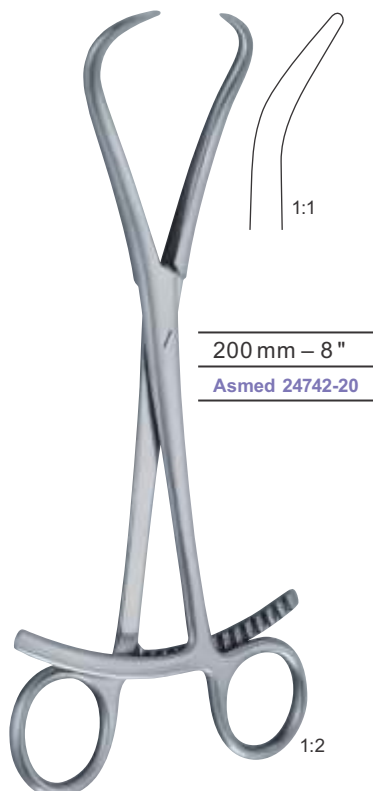
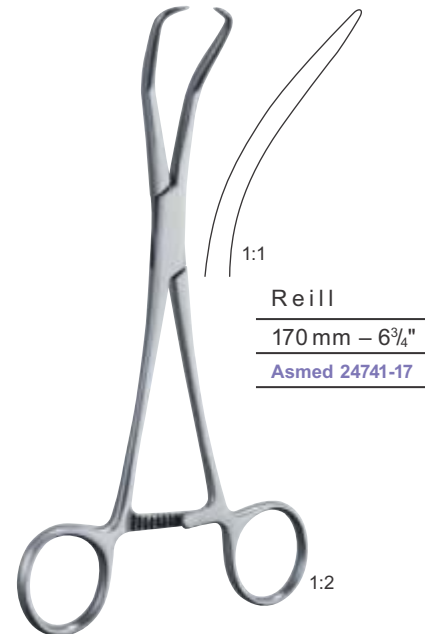
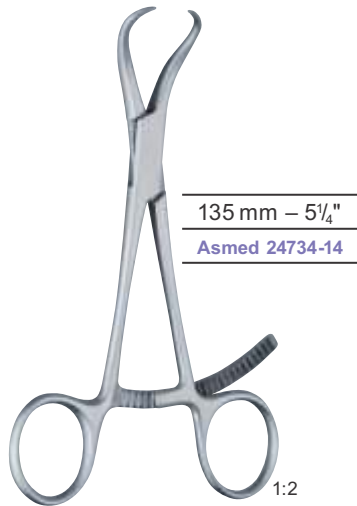
angular



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

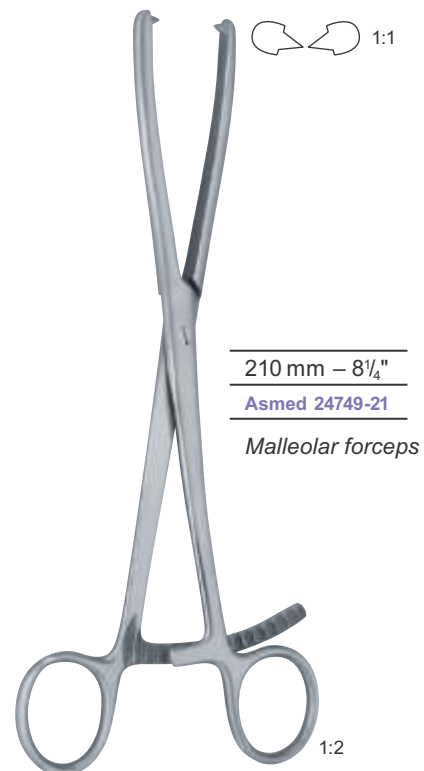
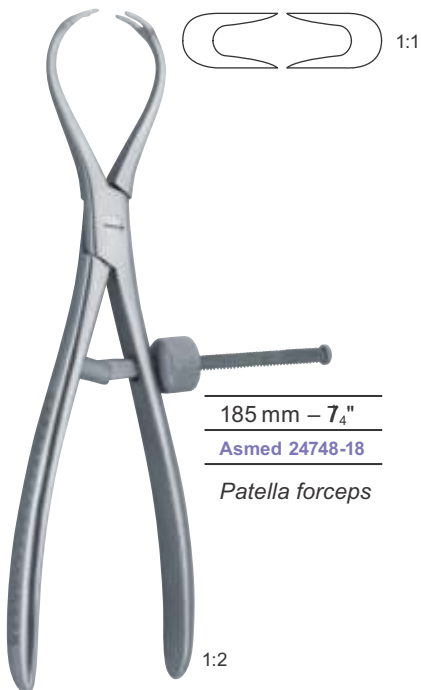
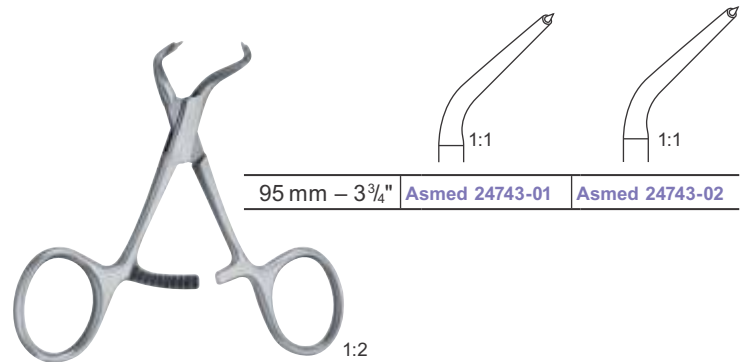
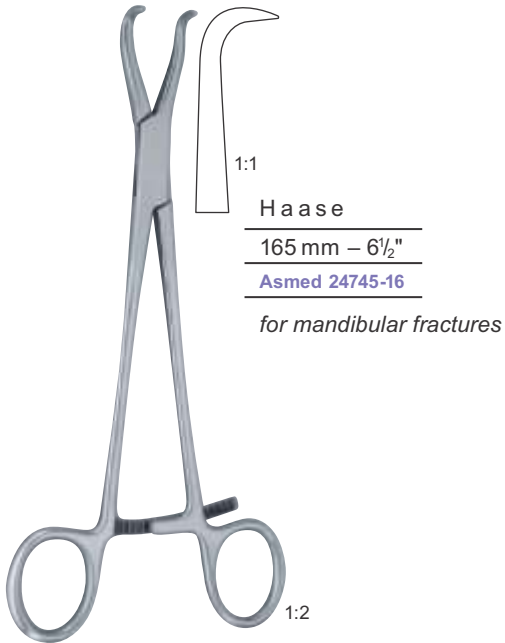
Bone holding forceps - Reposition forceps

Surgery



Reposition forceps

Surgery





Wire instruments

Surgery



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



Demel	280 mm – 11 "
	Asmed 38518-28

Wire instruments

Surgery



Lou te
 210 mm – 8¼"
 Asmed 38520-21

1:2



130 mm – 5"
 Asmed 38532-13

1:2



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

Bone wire, soft, in coils of 10



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

Bone wire with eye, soft, package of 10 pieces

Wire cutting forceps

Surgery



220 mm – 8 $\frac{3}{4}$ "

Asmed 38561-22 tucar

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



220 mm – 8 $\frac{3}{4}$ "

Asmed 38554-22 tucar

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



230 mm – 9"

Asmed 38554-23 tucar

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

Wire cutting forceps

Surgery



180 mm – 7 "

Asmed 38555-18 tucar

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



180 mm – 7 "

Asmed 38557-18 tucar

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



150 mm – 6 "

Asmed 38556-15 tucar

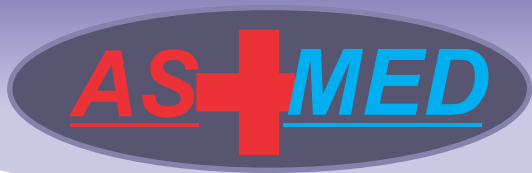
for hard wires up to 1 mm Ø, for soft wires up to 1.5 mm Ø



145 mm – 5³/₄ "

Asmed 38561-14 tucar

for hard wires up to 1 mm Ø



Wire cutting forceps

Surgery



570 mm – 22½" | [Asmed 38558-57](#)

for Kirschner wires and Steinmann pins up to 6 mm Ø

1:3

Wire cutting forceps

Surgery



1:2

185 cm – 7 1/4" | Asmed 38560-04

Wire cutting forceps for hard wires up to 1.6mm Ø



1:2

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

for hard wires up to 3 mm Ø

Technical forceps

Surgery



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



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



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

Technical forceps

Surgery



170 mm – 6 $\frac{3}{4}$ "

Asmed 38565-17



220 mm – 8 $\frac{3}{4}$ "

Asmed 38565-22 tucar

Grip forceps, combined with TC-Cutter



190 mm – 7 $\frac{1}{2}$ "

Asmed 38565-19

Technical forceps, adjustable

Technical forceps

Surgery



185 mm – 7 1/4" [Asmed 38569-17](#)

Wire bending forceps



185 mm – 7 1/4" [Asmed 38569-01](#)

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



180 mm – 7" [Asmed 38573-18](#)

200 mm – 8" [Asmed 38573-20](#)

240 mm – 9 1/2" [Asmed 38573-24](#)

Locking plier

Technical forceps

Surgery



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

Locking plier, only

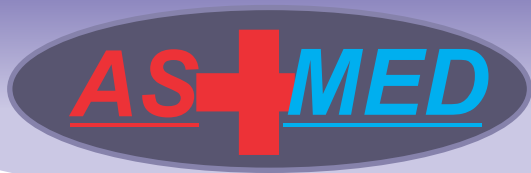
300 mm – 12 "	Asmed 38573-08
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Locking plier with holding pins

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

1:2



Technical forceps

Surgery



200 mm – 8"

Asmed 38573-01

Plate bending plier for plates up to 2.7 mm

240 mm – 9½"

Asmed 38573-02

Plate bending plier for plates up to 4 mm

Extension bows

Surgery



Asmed 38583-1880 mm – 7 "

Wire strainer for Kirschner wires



Kirschner

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

with 3 traction hooks



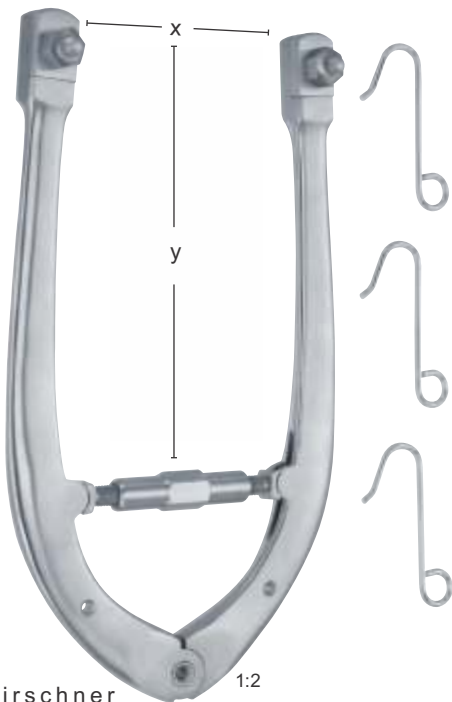
Kirschner

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

with 3 traction hooks

Extension bows

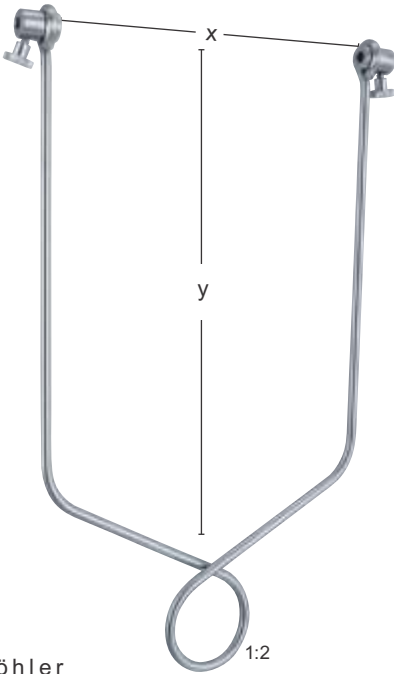
Surgery



Kirschner 1:2

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

with 3 traction hooks



Böhler 1:2

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



1:2

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

Wrench

Amputation retractor - Comprimeter

Surgery



Percy

Asmed 38599-00

Handles detachable, simple pattern



Asmed 4720-00

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

Hand drills

Surgery



Leichtmetallgehäuse

Light metal housing

Carcasse en métal léger

Carcasa en metal ligero

In scatola di alluminio

Längsdurchbohrt

Longitudinally cannulated

À perforation axiale

Taladrado longitudinalmente

Forato longitudinalmente

1:2

Bunell

160 mm – 6 1/4"

Asmed 24860-00

Asmed 24860-01

Opening up to 4 mm Ø

Spare key for Asmed 24860-00



Raik

160 mm – 6 1/4"

Asmed 24862-00

Opening up to 6.35 mm Ø

Light metal housing

Longitudinally cannulated

1:2

Hand drills

Surgery



Stille

200 mm – 8"

Asmed 24855-00

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

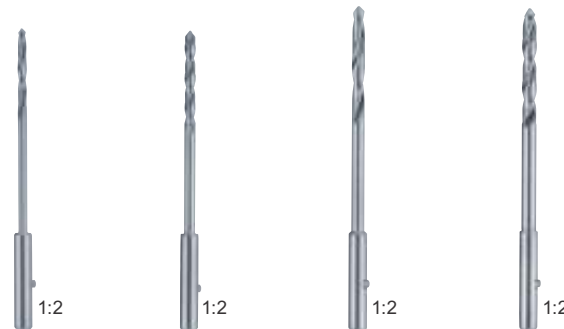


Fig. 1	Fig. 2	Fig. 3	Fig. 4
2.5 mm Ø	3.0 mm Ø	3.5 mm Ø	4.0 mm Ø
Asmed 24855-01	Asmed 24855-02	Asmed 24855-03	Asmed 24855-04



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

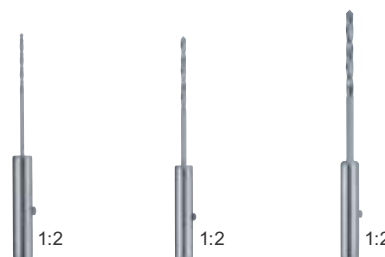
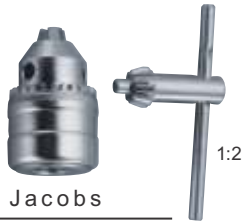


Fig. 10	Fig. 11	Fig. 12
1.0 mm Ø	1.5 mm Ø	2.0 mm Ø
Asmed 24855-10	Asmed 24855-11	Asmed 24855-12

Hand drills

Surgery



Jacobs

280 mm – 11 "

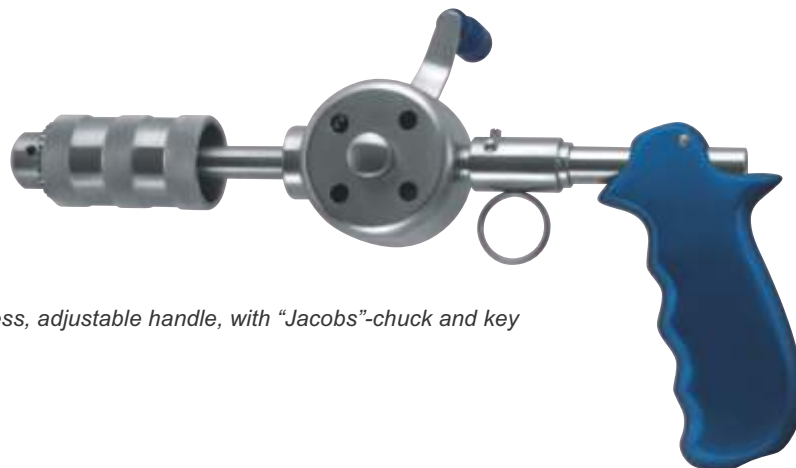
Asmed 24864-06

Opening up to 6.35 mm Ø



Asmed 24859-06

Opening up to 6.35 mm Ø



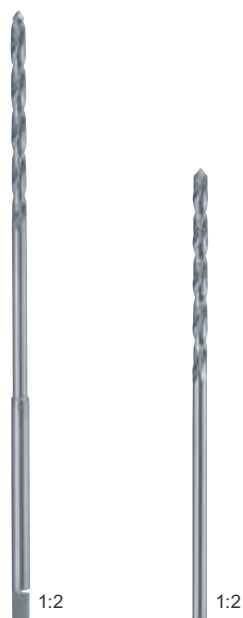
280 mm – 11 "

Asmed 24863-00

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

Twist drills - Reamers

Surgery



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

AO shank Round shank



Perthes

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



140 mm – 5 1/2"

[Asmed 24864-14](#)



140 mm – 5 1/2"

[Asmed 24898-14](#)



Manufacturing Process

Manufacturing Capabilities

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

Raw Material Department

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

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

Forging Department

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

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

Milling Department

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

Grinding (Filing & Setting)

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

Hardness Test (Heat Treatment)

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

Polishing Department

The Polishing Department is manned by seasoned workmen using imported chemicals and best quality grinding wheels to ensure the best quality finish. In this department, the instruments are given final finish which includes mirror, satin or matt finishes. The finish is per customers requirements.



Manufacturing Process

Tungsten Carbide Department

Asmed Surgical tungsten carbide department is installed with the best quality imported machinery being manned by the exceptionally well trained experts using the German Technology. We use German tungsten carbide tips for our instruments.

Coating Department

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

Passivation Department

We use high quality imported chemicals in our Passivation Department. Every instrument 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.

