

Orthopedic Sourcebook

Instruments
for
Surgeons



KMedic®

KMedic

Founded in 1986 by Helmut Kapczynski, KMedic is today the leading provider of orthopedic surgical instruments in the United States. KMedic has achieved this position by focusing its energies and wherewithal on orthopedic surgical instruments. This consistent focus and commitment enables KMedic to provide the orthopedic community with an ever-increasing selection of fine instruments that conform to the highest standards of precision and reliability, consistency of pattern and lasting value.

KMedic's Mission

KMedic aspires to be — and to be recognized by the medical profession as — the best orthopedic surgical instrument company. We will achieve this position by passionately pursuing excellence and by dedicating ourselves to improving the quality of life of everyone who interacts with us, particularly those individuals who rely on our products to heal and to cure.

KMedic and the Orthopedic Community

While our focus is on supplying the finest surgical instruments, we also see ourselves as part of the larger orthopedic community. Toward that end, we collaborate with surgeons to develop innovative instrumentation and applications. In addition, to promote further knowledge in our field, we support the Orthopaedic Research and Education Foundation (OREF). As a proud member of OREF's Corporate Associate Program — at the Contributing Rank — we actively support its research and educational programs. Through our involvement with OREF, as well as other professional organizations such as NASS, AORN, NAON, and NAOT, we're helping to advance the interests of the Orthopedic Community.



naon



KMedic Certified Instruments

KMedic is a company with a passion for excellence. As such, we are committed to “raising the bar” in every aspect of our business, from customer service to product development. With regard to instruments, this commitment takes the form of superior products that perform impeccably. In order to provide surgeons with the tools they need to operate with the utmost skill and confidence, we have introduced an instrument certifying process that is second to none in the industry. See inside back cover.

Every step in the creation and distribution of KMedic-branded instruments — from material testing and crafting, to delivery and customer service — follows our exacting standards. To achieve this level of excellence, we have a Quality Assurance Program that begins at the President’s office and continues through every KMedic department, down to our loading dock. This program demands:

- That quality is built into every product through excellent design and good manufacturing practices
- Scrupulous adherence to our award-winning Quality Assurance Policy
- The presence of German-trained quality assurance personnel — including instrument makers, engineers and inspectors — to supervise prevention and verification activities

After more than a decade, the proven success of our Quality Assurance Program enables us to “guarantee for life” KMedic Certified Instruments.

The KMedic Guarantee

KMedic instruments are guaranteed for life against manufacturing defects of material and workmanship. This guarantee is void if instruments are not maintained or repaired properly, or if they are not used for their intended surgical purpose. Tungsten carbide inserts on scissors, needle holders and wire cutters are guaranteed for three years. Replacement parts, such as springs, are guaranteed for one year.

About this Edition

Every instrument in this Sourcebook conforms to the uncompromising standards that characterize KMedic Certified Instruments. We now offer surgeons more than 2,200 patterns — an unmatched selection of the finest quality instruments for orthopedic surgical procedures. To facilitate your search for the right instrument, you'll find in the back of this Sourcebook, both an alphabetical and a numerical index. We recommend you use it to quickly locate the instruments you're seeking.

Please keep in mind that the illustrations in this guide indicate general design only. As instrument making is characterized by continual refinement — subject to innovation and improvement — we reserve the right to ship the most modern pattern of a given instrument.

In addition, measurements given for overall length may vary slightly because of metric conversion. Detailed drawings marked $\frac{1}{4}$ are approximately the actual size. Those marked $\frac{1}{2}$ are approximately one half the actual size.

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Ordering Information

KMedic Certified Instruments and products may be ordered through an authorized representative. For the KMedic Representative serving your area, please call (800) 955-0559.

KMedic is now available in 70 countries around the globe. For the representative serving your country, please call (201) 767-4002 or contact us on-line: www.kmedic.com.

When ordering, and to avoid substitutions, please specify the KMedic product number, as well as the product description.

Customer Service and Relations

If you have a question or problem regarding KMedic products or services, please don't hesitate to either notify your representative or to call KMedic at (800) 955-0559. Should you need to return an instrument, feel free to contact either your KMedic Representative or KMedic.

To receive more information on new products and promotions or to send us an e-mail, visit our web site @ www.kmedic.com.

In addition to the KMedic Orthopedic Sourcebook™, we also publish the KMedic Spinal Sourcebook™, the KMedic Foot and Ankle Sourcebook™ and the KMedic General Instrument Sourcebook™. To obtain copies of these publications, please contact KMedic directly.

Instrument Maintenance and Repair Program

The KMedic Instrument Maintenance and Repair Program is designed to keep your instruments in optimum working condition. By providing routine maintenance, this program helps extend the life of your instruments and thereby saves on replacement and related costs.

Under this program, we will refurbish or repair KMedic and other high-quality instruments. Our services also include: precise sharpening, adjustments, refinishing and lubrication.

What's more, we will complete most repairs within 3 to 5 working days. If immediate attention is required, please call us in advance, and ask for our Rush Service.

As part of this program, any KMedic instrument defect covered by our guarantee will be replaced or repaired free of charge. All our repair work is tested and guaranteed to perform its intended tasks. If you are not completely satisfied, we will rework the item at no charge.

For more information about our Repair Program or to receive a price list, call (800) 955-0559.

Instrument Longevity Through Proper Care

Your purchase of KMedic instruments represents a considerable investment. By following these guidelines you will protect your investment and ensure many years of productive and satisfactory performance.

Maintaining the Surface

KMedic Certified stainless steel surgical instruments are made of corrosion resistant, high-grade specialty steels that are especially selected to meet the varying requirements of cutting, clamping, retracting and chiseling.

A special characteristic of these steels is that they form passive layers on the instrument's surface, which protect against corrosion. These layers act as an invisible patina and with repeated use and exposure to air, the instruments become increasingly corrosion resistant.

While every effort is made during the manufacturing process to ensure that instruments are corrosion resistant, the real key to longevity is proper maintenance. Toward that end, you must do your part by caring for your instruments. In a sense, the name "stainless steel" is a misnomer, one which should not be taken literally. When not properly treated, steel can rust or stain, reducing the life of the instrument or rendering it useless. The following sections outline proper instrument care.

New Instruments

Newly purchased instruments must be cleaned, lubricated and autoclaved immediately before use.

Correct Use

Obvious as it sounds, it bears repeating: Instruments are designed for a particular purpose and should be used only for that purpose. Even the strongest instrument can be damaged when used inappropriately, i.e., when a rongeur is used to cut wire.

Water and Stainless Steel

Ordinary tap water contains minerals that can cause discoloration and staining. Therefore, we recommend the use of distilled water for cleaning, disinfecting, sterilizing and rinsing instruments. To avoid staining, use a cleaning solution with a pH near neutral (7).

Manual Cleaning and Soaking

When handling instruments, be very careful not to damage their fine tips and mechanisms. If instruments have been exposed to blood, tissue, saline or other foreign matter, you must rinse them in warm (not hot) water before these substances are allowed to dry. After rinsing, immerse them in a cleaning and disinfecting solution.

Because many compounds, including certain chemicals, are highly corrosive to stainless steel, rinse and dry instruments immediately, in case they have come in contact with any potentially harmful substances.

If no ultrasonic cleaner is available, clean the instrument very carefully. Pay particular attention when cleaning boxlocks, serrations, hinges and other hard-to-reach areas. What's more, use nylon (not steel) brushes, such as KM 39-684, and warm (not hot) cleaning solutions. Follow the manufacturer's instructions for the preparation of the cleaning solutions. Remember to change these solutions daily.

Ultrasonic Cleaning

Ultrasonic is the most effective and efficient way to clean your instruments. To maximize its effectiveness, your instruments should be cleaned of all visible debris before they are put into an ultrasonic cleaner. Please note that chrome-plated instruments may rust if they are not dried and lubricated immediately after sterilization. In addition, we recommend the following:

- Do not mix dissimilar metals, i.e., chrome and stainless, in the same cycle.
- Open all instruments so ratchets and boxlocks are accessible.
- Avoid piling instruments on top of each other when loading.
- Remove and rinse off instruments immediately after the cycle is finished.
- Dry instruments immediately after rinsing and allow them to air-dry thoroughly.
- Lubricate all moving parts.

Instrument Checkup

The best time to review the condition of your instruments is after they have been cleaned and lubricated and have cooled off. Consider the following:

Function:

Scissors must cut cleanly and close properly. Needle holders and clamps must engage properly and meet correctly at the tips.

Surface:

Carefully inspect surfaces for any sign of staining, cracking or other irregularities. Common sources of staining are:

- Inadequate cleaning
- Mixing dissimilar metals
- Impurities in the water
- Unsuitable or improper preparation and usage of cleaning and disinfecting or maintenance agents
- Non-compliance with operating procedures of cleaning and sterilizing equipment

Aluminum Trays

To avoid development of "Aluminum Salt" on your Al-trays, use only distilled water in your autoclave. Already developed "Aluminum Salt" is very difficult to remove which might cause damage of the anodized Al-surface. Any instrument or tray should be cleaned of debris with a non-acid detergent (neutral pH) prior to autoclaving.

Lubrication and Autoclaving

All instruments must be properly cleaned before autoclaving. Then their moving parts, such as boxlocks and hinges, should be well lubricated.

Be careful to use surgical lubricants and not industrial oils. Always sterilize instruments in the open, unlocked position. We recommend that instruments be wrapped in cloth and then placed in the container, or that a cloth be put on the bottom of the pan to absorb moisture. The cloth should be pH(7) neutral and have no residue of detergents. Finally, avoid sudden cooling of your instruments.

Cold Sterilizing or Disinfecting

Prolonged immersion in disinfecting or sterilizing solution can damage your surgical instruments. We recommend that you do not soak your instruments for longer than 20 minutes. To render the instruments sterile and ready for use, use an autoclave cycle.

Caution:

- Instruments with tungsten carbide inserts, such as wire cutters, needle holders and TC scissors, should never be immersed in sterilizing solutions containing Benzyl Ammonium Chloride (BAC). BAC will soften and dissolve the tungsten carbide.
- Never use bleach as it will cause severe pitting.

Storage

Once your instruments are thoroughly dry, store them in a clean, dry environment. Never put them in areas where chemicals may emit corrosive vapors or where temperature and moisture variations could cause condensation on the instruments.

KMedic Instrument Care Checklist

1. Rinse and soak soiled instruments immediately after use. Thoroughly clean before autoclaving.
2. Autoclave and sterilize instruments in an open position.
3. Do not stack or entangle instruments.
4. Follow recommendations made by equipment and solutions manufacturers.
5. Keep instruments properly lubricated.
6. Inspect instruments regularly.
7. If you experience a problem, at any stage of the instrument caring process, please consult with your KMedic Representative.

KMedic: In the Tradition of the Masters

Instrument making is a highly developed craft, and the craftspeople who make KMedic surgical instruments are the modern heirs to this ancient art. It is also a vocation that has respected its traditions over the centuries. So, while new techniques have kept pace with advances in surgical practices, the essence of the craft has changed very little. Today, computers and other advanced technology aid in the manufacture of instruments, but it remains the skills of gifted instrument makers that turn raw steel into the finely honed tools...ready for the surgeon's hand.

An Extension of the Hand

At KMedic we see instruments as an extension of a surgeon's hand. It is with this relationship in mind that we select the instruments offered in this Sourcebook. We demand from our instrument makers: precision and reliability, consistency of pattern and uniform surface, all at a good value. To ensure this level of quality, every one of our suppliers must meet our Quality Assurance Program. Only when they have met these strict standards do we qualify an instrument as KMedic Certified.

The idea that the instrument is an extension of the hand is more than a romantic notion at KMedic. It is directly related to superior performance. When you work with a KMedic instrument, you'll find it satisfies on many levels. First, like any well-crafted tool, it feels very good in your hand. What's more, it functions extremely well. Taken together these two feelings translate into greater confidence and ease.

Evolving Tradition

As we're all aware, new surgical techniques create a continual need for improvements, as well as for the introduction of entirely new instruments. KMedic responds to these needs by forming partnerships with leading surgeons.

In the belief that closer communication will lead to further advancements, we invite you to call, or to e-mail us, and share your ideas for new and/or improved instrumentation. We look forward to hearing from you.

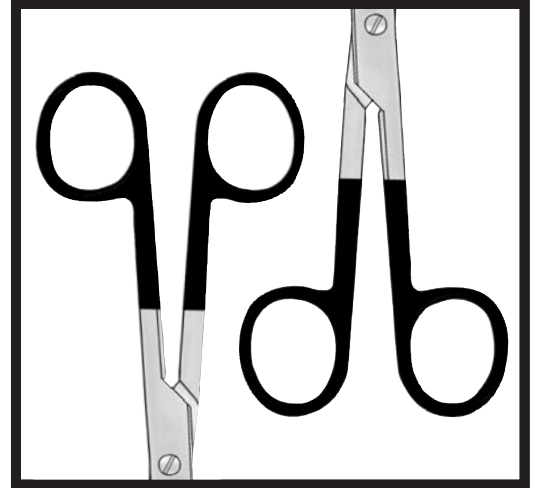


Helmut Kapczynski
President
KMedic

KMedic[®]

SECTION A

SOFT TISSUE INSTRUMENTS



To dissect, hold, clamp, manipulate and suture soft tissue.

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For our complete line of general surgical instruments, please consult our General Instrument Sourcebook™.

All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

SCALPEL HANDLES AND SUPER-CUT SCISSORS

A
2



SCALPEL HANDLE #3
KM 29-058 KM 29-059
mm and cm
graduations
For blades 10 thru 15.

#3L
KM 29-061
extra long
8 1/2"



SCALPEL HANDLE #4
KM 29-060
for blades 20 through 25



SCALPEL HANDLE #7
KM 29-062
for blades 10 through 15

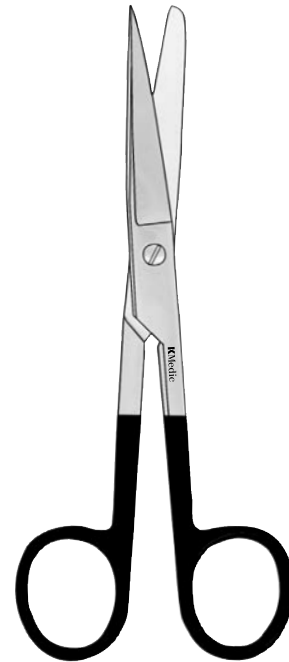
KMedic Super-Cut Scissors

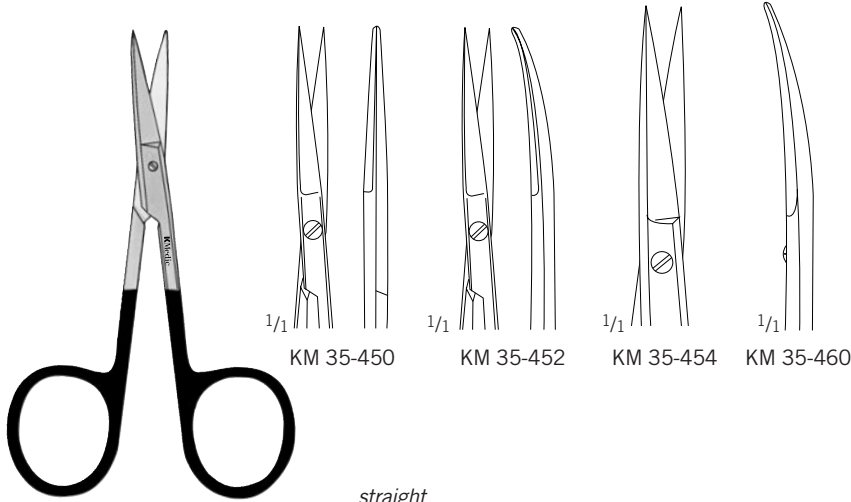
Super-Cut Scissors represent a truly remarkable advance in scissors technology. Using the finest surgical steels, the latest heat treating methods and master craftsmanship, the upper blade of the scissors is ground to a razor-sharp edge. This process creates scissors with an unprecedented smooth and effective cutting action.

Some of the benefits of KMedic Super-Cut Scissors:

- Cut through soft and fibrous tissue without effort.
- Superb control permits precision in dissection.
- Less hand fatigue for the surgeon and less trauma for the patient.
- Retain sharpness longer than ordinary scissors.
- Ring handles are black-coated for easy identification.
- Fully autoclavable.
- Backed by KMedic's lifetime guarantee.
- Not recommended for fiberglass or plaster splints.

Surgeons who use our Super-Cut Scissors are convinced of their superior performance and won't do without them on their surgical trays.

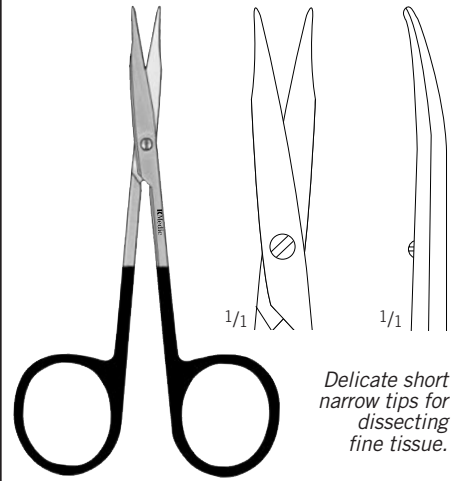




1/1 KM 35-450 1/1 KM 35-452 1/1 KM 35-454 1/1 KM 35-460

straight
KM 35-450 3 1/2" delicate
KM 35-454 4 1/2"
curved
KM 35-452 3 1/2" delicate
KM 35-460 4 1/2"

SUPER-CUT IRIS SCISSORS sharp points

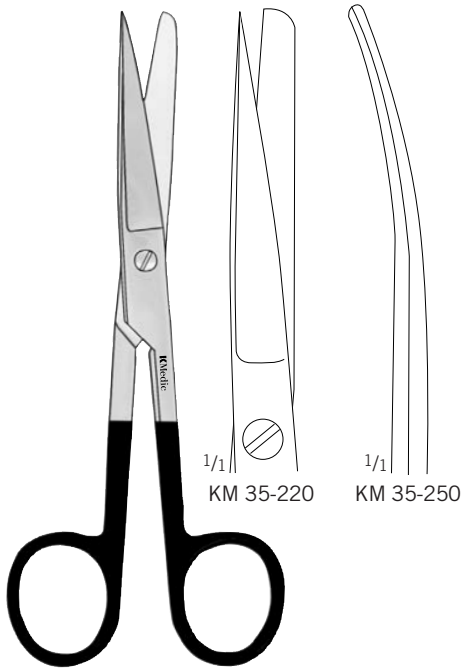


1/1 KM 35-484 1/1 KM 35-490 1/1 KM 35-494

Delicate short narrow tips for dissecting fine tissue.

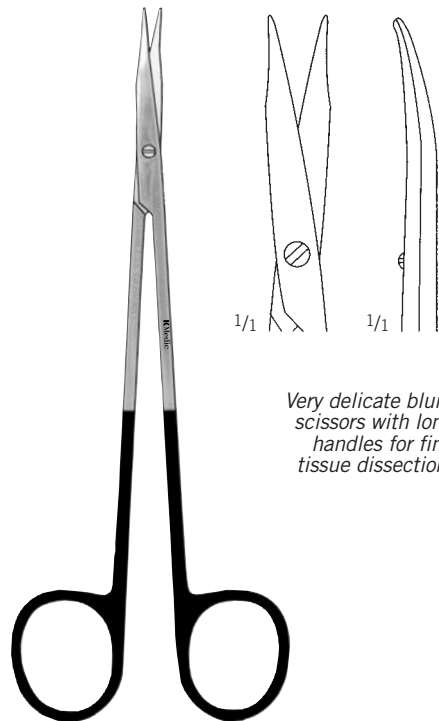
SUPER-CUT STEVENS SCISSORS

blunt points
straight
KM 35-484 4 1/2" *curved*
KM 35-490 4 1/2"
KM 35-494 5 1/4"



1/1 KM 35-220 1/1 KM 35-250

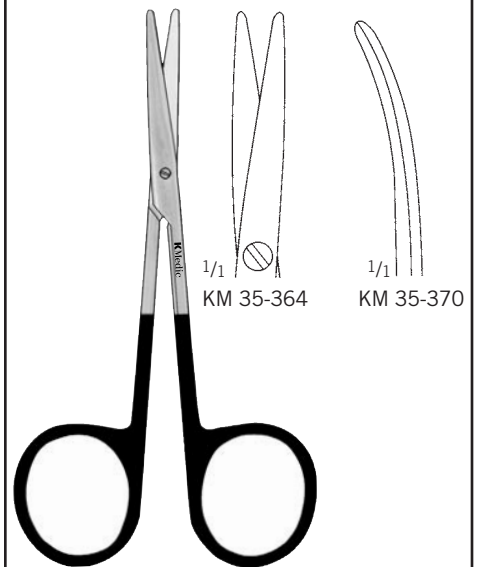
SUPER-CUT OPERATING SCISSORS
KM 35-220 KM 35-250
5 1/2" straight 5 1/2" curved
sharp/blunt points sharp/blunt points



1/1 KM 35-496 1/1 KM 35-496

Very delicate blunt scissors with long handles for fine tissue dissection.

SUPER-CUT JAMISON SCISSORS
KM 35-496
6 1/4" curved blunt points, very delicate

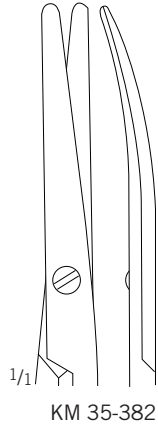
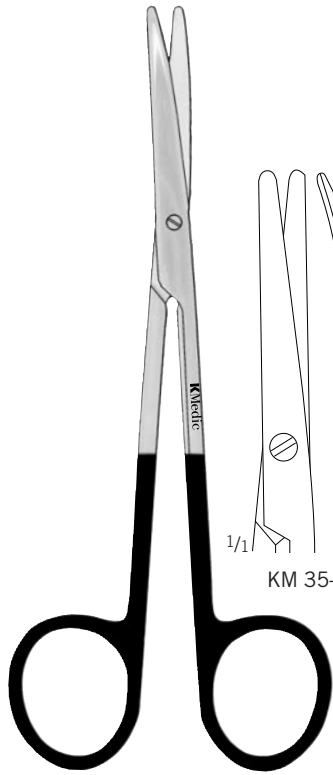


1/1 KM 35-364 1/1 KM 35-370

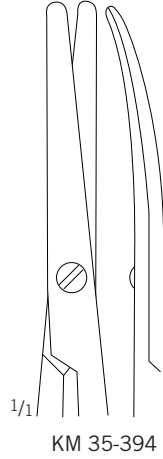
SUPER-CUT BABY METZENBAUM SCISSORS
KM 35-364 KM 35-370
4 1/2" straight 4 1/2" curved
blunt points blunt points

SUPER-CUT SCISSORS

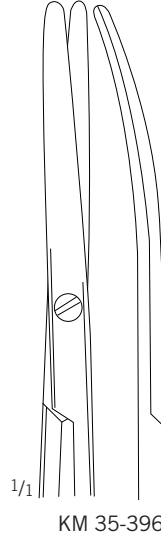
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KM 35-382



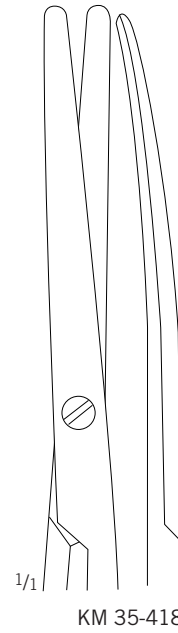
KM 35-394



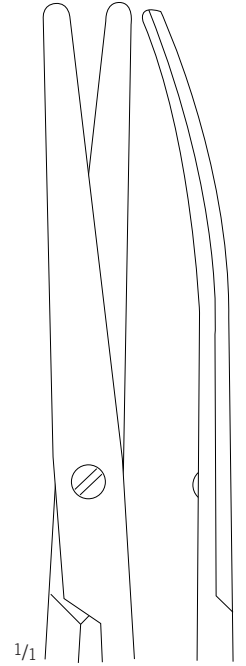
KM 35-396



KM 35-406



KM 35-418

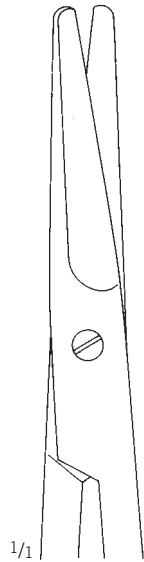
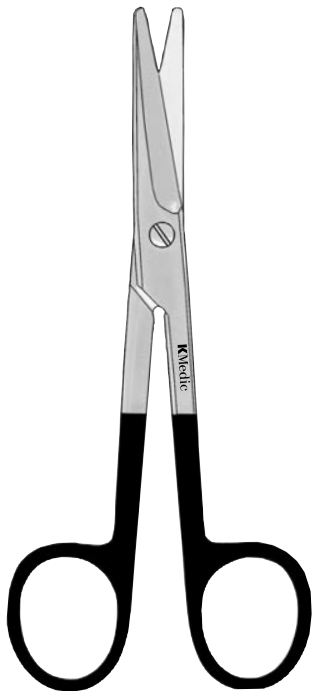


KM 35-430

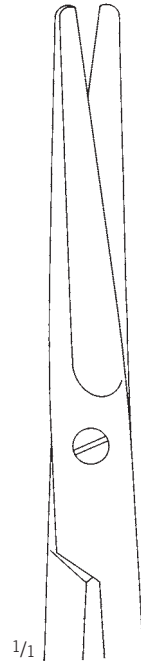
straight
KM 35-380 6"
KM 35-392 7"

curved
KM 35-382 6"
KM 35-394 7"
KM 35-396 7" delicate
KM 35-406 8"
KM 35-418 9"
KM 35-430 11"

SUPER-CUT METZENBAUM SCISSORS blunt points



KM 35-280



KM 35-292



KM 35-316



KM 35-322

SUPER-CUT MAYO SCISSORS

beveled blades, blunt points

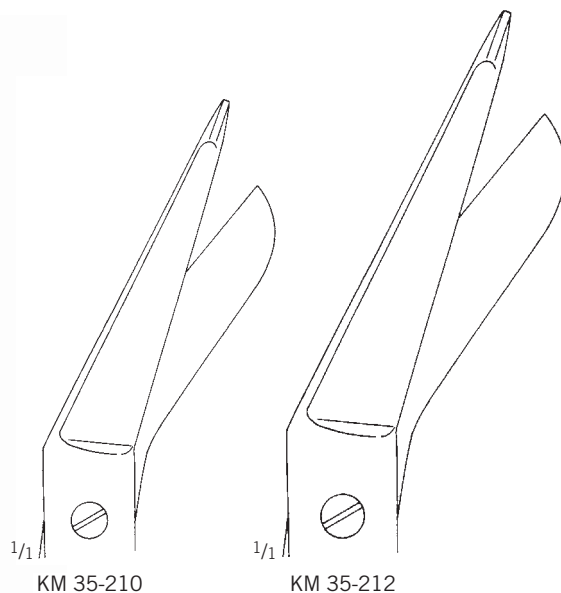
<i>straight</i>	<i>curved</i>
KM 35-280 5 1/2"	KM 35-286 5 1/2"
KM 35-292 6 3/4"	KM 35-298 6 3/4"
KM 35-316 9"	KM 35-322 9"
	KM 35-340 11"

Super-Cut Bandage Scissors

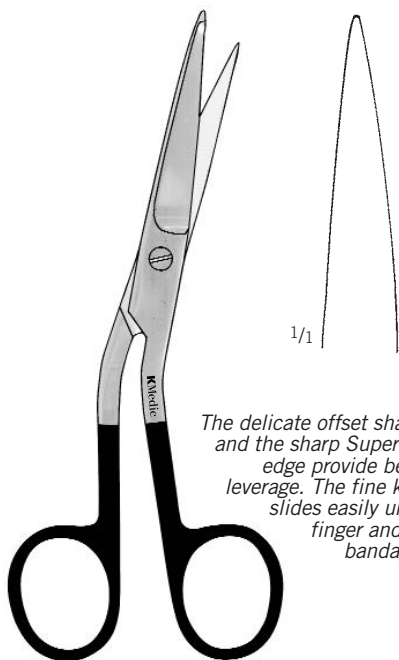
KMedic developed these remarkably sharp scissors in response to the demands of doctors, nurses, and other O.R. personnel.

Hospital tests show that these scissors cut multiple layers of stockinette, bandages, drapes, and moleskin with ease.

- Very little hand strength is required for cutting, putting less strain on thumb and forearm.
- Perfect cutting control because you don't have to force them to cut.
- Scissors cut faster, saving critical time in the O.R.
- Retain their sharpness longer than ordinary scissors.
- Not recommended for cutting plaster.

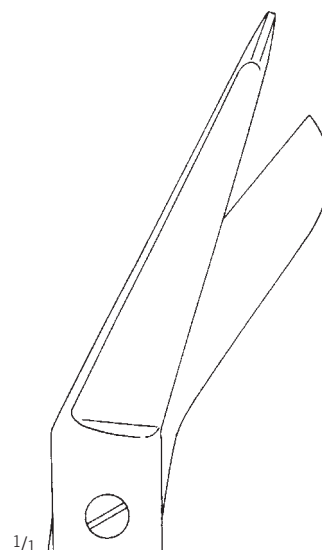


SUPER-CUT LISTER BANDAGE SCISSORS
KM 35-210 KM 35-212
5 1/2" 7 1/4"



The delicate offset shanks and the sharp Super-Cut edge provide better leverage. The fine knob slides easily under finger and toe bandages.

SUPER-CUT HI-LEVEL BANDAGE SCISSORS
KM 35-202
5 1/2" shanks angled on side

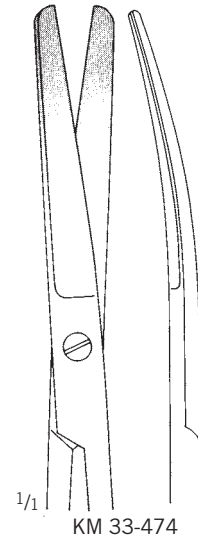
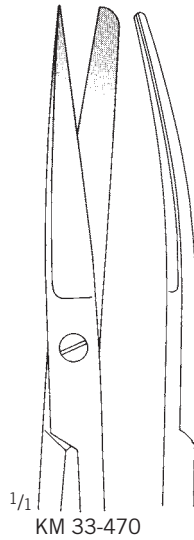
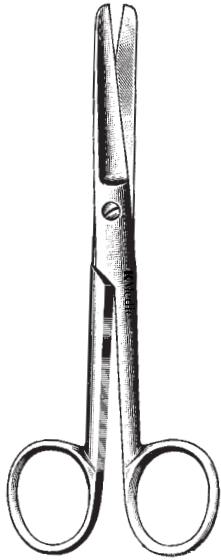


All the benefits of our Super-Cut Lister scissors plus an oversized finger ring, which helps relieve pressure on the third metacarpal.

SUPER-CUT LISTER BANDAGE SCISSORS WITH LARGE FINGER RING
KM 35-214
8"

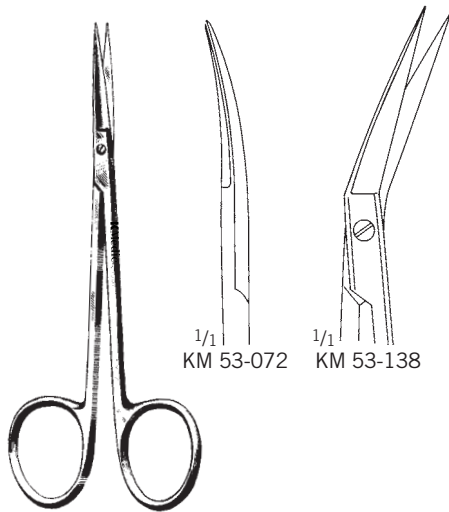
OPERATING AND DISSECTING SCISSORS

A
6

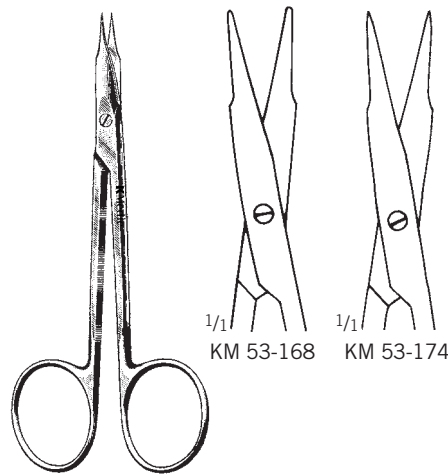


OPERATING SCISSORS *straight*
 KM 33-300 4½" sharp/blunt points
 KM 33-302 4½" sharp/sharp
 KM 33-304 4½" blunt/blunt
 KM 33-310 5" sharp/blunt
 KM 33-312 5" sharp/sharp
 KM 33-314 5" blunt/blunt
 KM 33-320 5½" sharp/blunt
 KM 33-322 5½" sharp/sharp
 KM 33-324 5½" blunt/blunt
 KM 33-370 6½" sharp/blunt
 KM 33-372 6½" sharp/sharp
 KM 33-374 6½" blunt/blunt

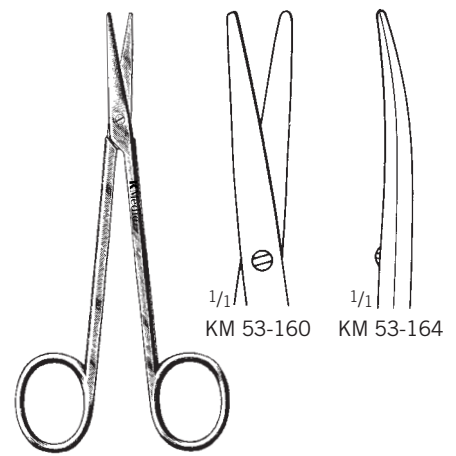
OPERATING SCISSORS *curved*
 KM 33-470 4½" sharp/blunt points
 KM 33-472 4½" sharp/sharp
 KM 33-474 4½" blunt/blunt
 KM 33-482 5" sharp/blunt
 KM 33-484 5" sharp/sharp
 KM 33-486 5" blunt/blunt
 KM 33-490 5½" sharp/blunt
 KM 33-492 5½" sharp/sharp
 KM 33-494 5½" blunt/blunt
 KM 33-520 6½" sharp/blunt
 KM 33-522 6½" sharp/sharp
 KM 33-524 6½" blunt/blunt



IRIS SCISSORS sharp points
straight
 KM 53-064 3½"
 KM 53-068 4½"
 KM 53-080 4½"
 delicate
curved
 KM 53-066 3½"
 KM 53-072 4½"
 KM 53-084 4½"
 delicate
 angled on side
 KM 53-138 4½"



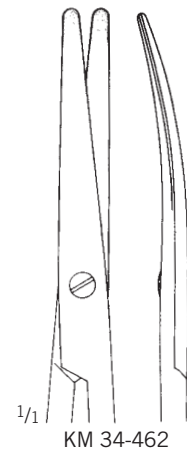
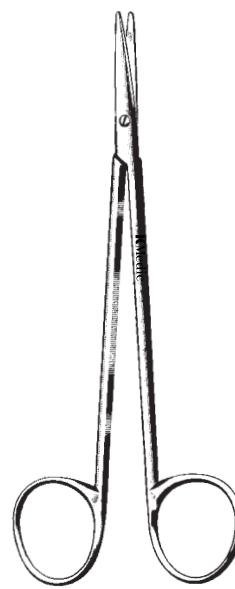
STEVENS TENOTOMY SCISSORS
straight
 KM 53-168 4¼" blunt/blunt points
 KM 53-174 4¼" sharp/sharp points
curved
 KM 53-172 4¼" blunt/blunt points
 KM 53-176 4¼" sharp/sharp points



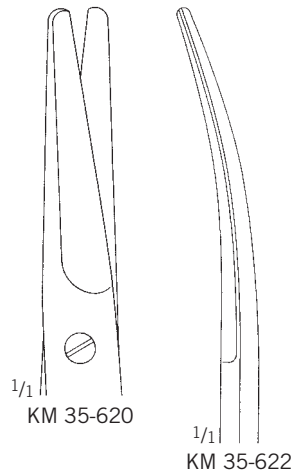
STRABISMUS SCISSORS
 KM 53-160 4" straight blunt points
 KM 53-164 4" curved blunt points



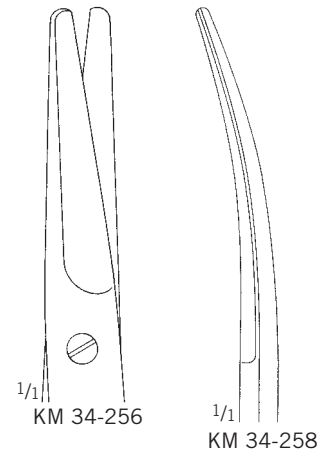
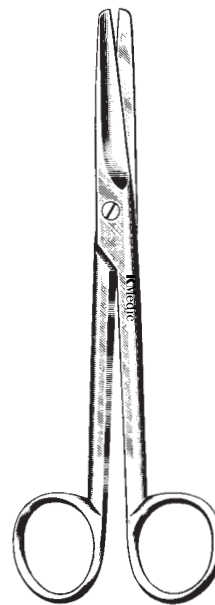
TC METZENBAUM SCISSORS blunt points
straight
 KM 35-640 6"
 KM 35-644 7"
 KM 35-652 9"
curved
 KM 35-642 6"
 KM 35-646 7"
 KM 35-654 9"



METZENBAUM SCISSORS blunt points
straight
 KM 34-436 4½"
 KM 34-458 6"
 KM 34-466 7"
 KM 34-472 8"
 KM 34-476 9"
 KM 34-486 11"
curved
 KM 34-438 4½"
 KM 34-492 5¼" delicate
 KM 34-462 6"
 KM 34-470 7"
 KM 34-494 7" delicate
 KM 34-474 8"
 KM 34-478 9"
 KM 34-488 11"



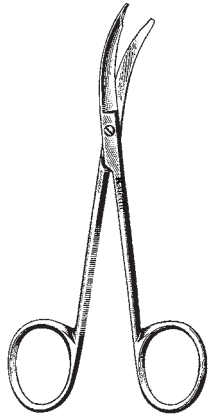
TC MAYO SCISSORS beveled blades
straight
 KM 35-620 5½"
 KM 35-624 6¾"
 KM 35-628 9"
curved
 KM 35-622 5½"
 KM 35-626 6¾"
 KM 35-630 9"



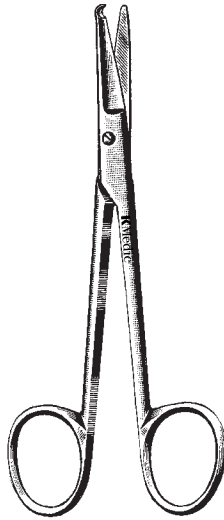
MAYO SCISSORS beveled blades, blunt points
straight
 KM 34-256 5½"
 KM 34-260 6¾"
 KM 34-292 9"
curved
 KM 34-258 5½"
 KM 34-262 6¾"
 KM 34-294 9"

SUTURE AND BANDAGE SCISSORS

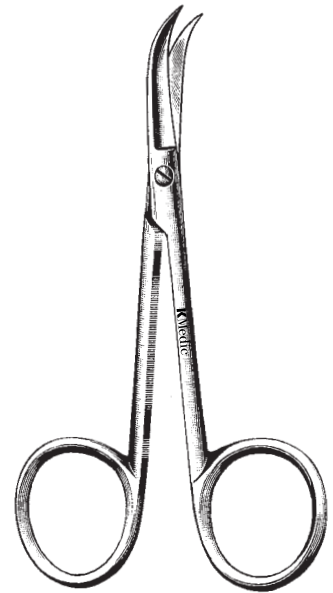
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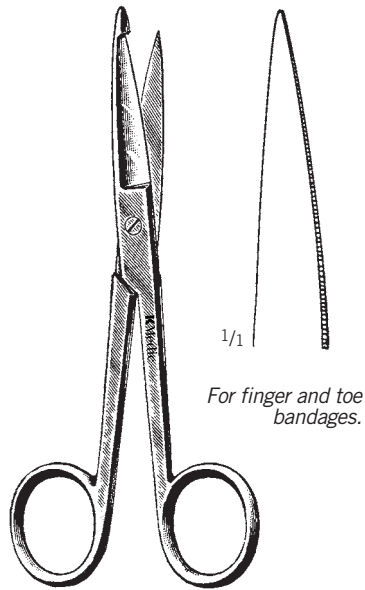
SHORTBENT STITCH SCISSORS
KM 35-080
3 1/2"
curved on side
delicate



SPENCER STITCH SCISSORS
KM 35-068 KM 35-092
3 1/2" delicate 4 3/4" delicate
straight straight

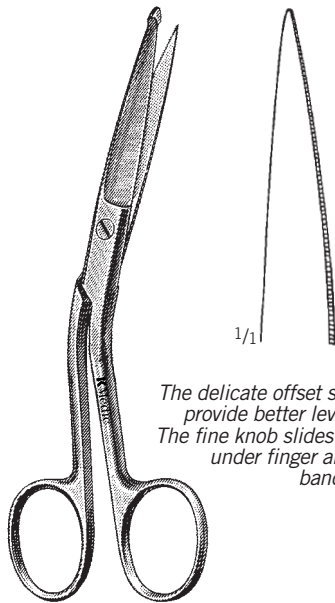


HILL STITCH SCISSORS
KM 35-084
4 1/4"
curved



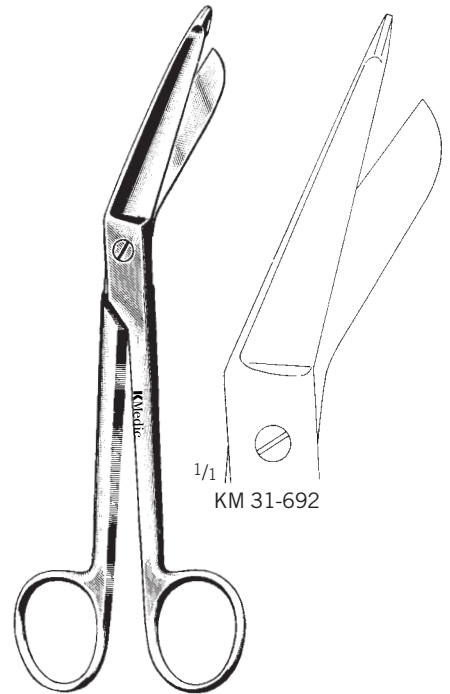
For finger and toe bandages.

KNOWLES BANDAGE SCISSORS
KM 31-804
5 1/2" straight
one serrated blade



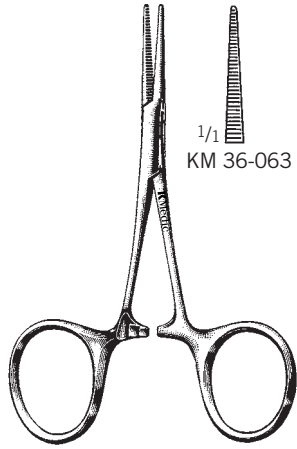
The delicate offset shanks provide better leverage. The fine knob slides easily under finger and toe bandages.

HI-LEVEL BANDAGE SCISSORS
KM 31-792
5 1/2" shanks angled on side
one serrated blade



1/1
KM 31-692

LISTER BANDAGE SCISSORS
KM 31-668 3 1/2"
KM 31-680 4 1/2"
KM 31-692 5 1/2"
KM 31-704 7 1/4"
KM 31-708 8" one large finger ring



1/1
KM 36-063

1/1
KM 36-067

HARTMANN MOSQUITO FORCEPS
KM 36-063 3 1/2" straight
KM 36-067 3 1/2" curved



1/1
KM 36-156

1/1
KM 36-158

1/1
KM 36-160

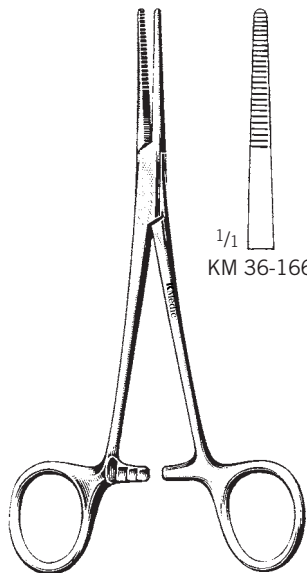
1/1
KM 36-162

HALSTED MOSQUITO FORCEPS
straight
KM 36-156 5"
KM 36-160 5" delicate
KM 36-076 5" 1x2 teeth

curved
KM 36-158 5"
KM 36-162 5" delicate
KM 36-078 5" 1x2 teeth

1/1
KM 36-076

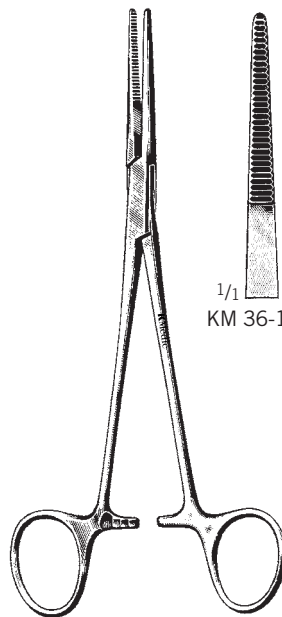
1/1
KM 36-078



1/1
KM 36-166

1/1
KM 36-168

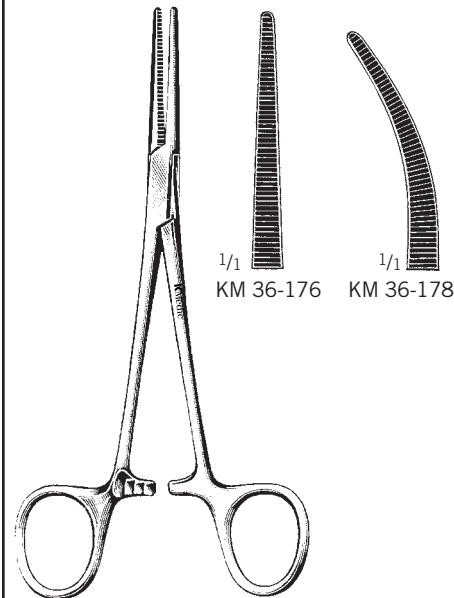
KELLY FORCEPS
KM 36-166 5 1/2" straight
KM 36-168 5 1/2" curved



1/1
KM 36-196

1/1
KM 36-198

RANKIN-KELLY FORCEPS
KM 36-196 6 1/4" straight
KM 36-198 6 1/4" curved



1/1
KM 36-176

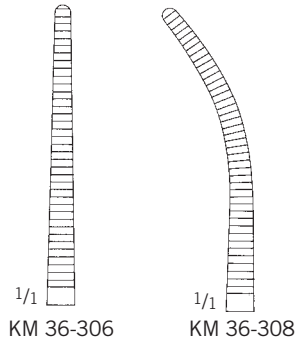
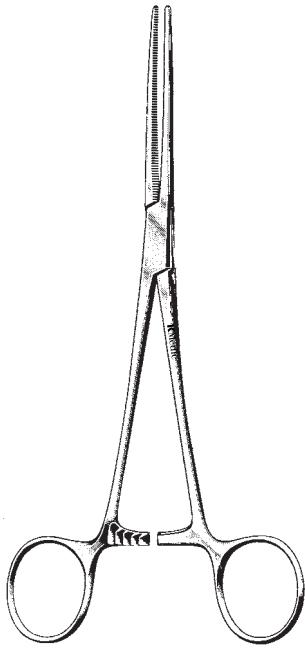
1/1
KM 36-178

CRILE FORCEPS
straight
KM 36-176 5 1/2"
KM 36-180 5 1/2"
extra delicate
KM 36-186 6 1/4"

curved
KM 36-178 5 1/2"
KM 36-182 5 1/2"
extra delicate
KM 36-188 6 1/4"

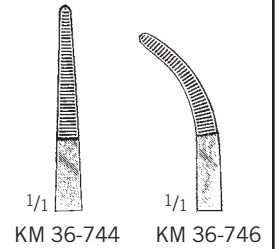
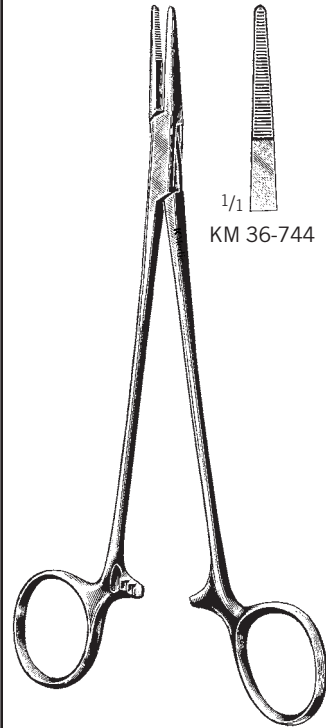
HEMOSTATIC AND TISSUE FORCEPS

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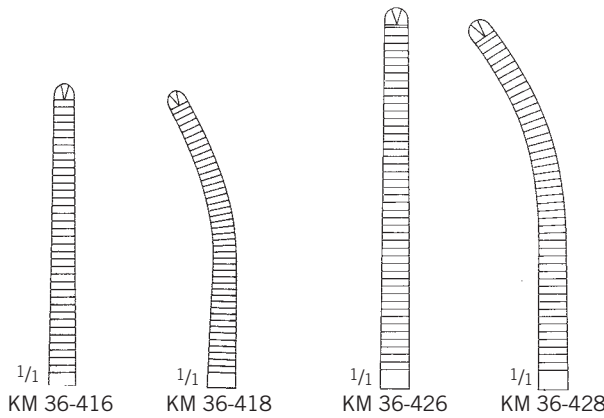
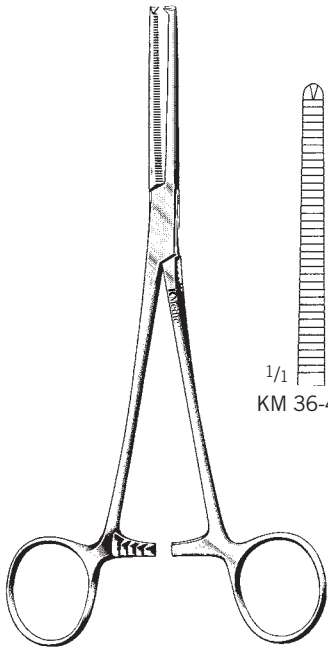


<i>straight</i>		<i>curved</i>	
KM 36-306	5 1/2"	KM 36-308	5 1/2"
KM 36-316	6 1/4"	KM 36-318	6 1/4"
KM 36-326	7 1/4"	KM 36-328	7 1/4"
KM 36-336	8"	KM 36-338	8"
KM 36-346	9"	KM 36-348	9"
KM 36-356	10"	KM 36-358	10"
KM 36-360	12"	KM 36-362	12"

ROCHESTER PEAN FORCEPS

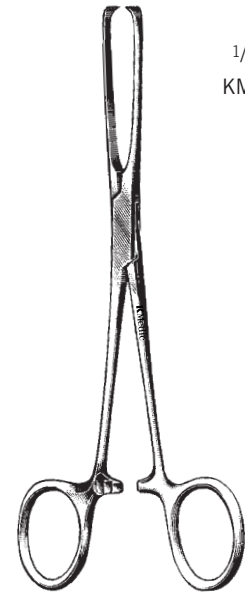


ADSON HEMOSTATIC FORCEPS
KM 36-744 KM 36-746
7 1/4" straight 7 1/4" curved



<i>straight</i>		<i>curved</i>	
KM 36-406	5 1/2"	KM 36-408	5 1/2"
KM 36-416	6 1/4"	KM 36-418	6 1/4"
KM 36-426	7 1/4"	KM 36-428	7 1/4"
KM 36-436	8"	KM 36-438	8"
KM 36-446	9"	KM 36-448	9"
KM 36-456	10"	KM 36-458	10"

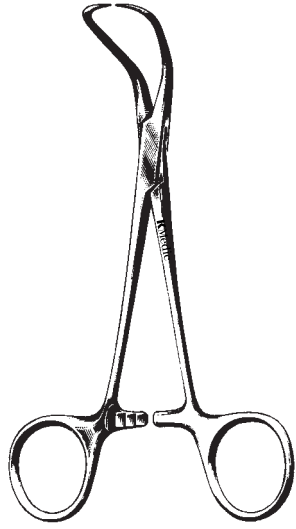
ROCHESTER-OSHSNER FORCEPS 1x2 teeth



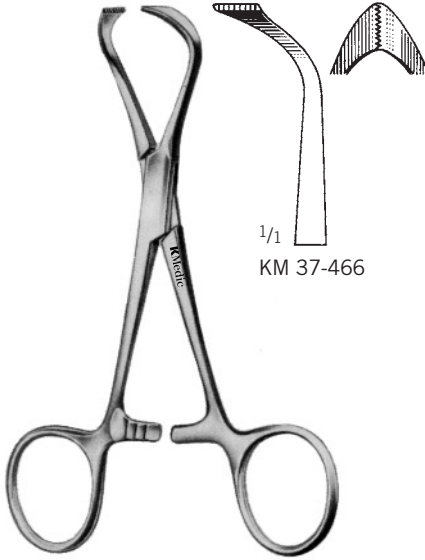
1/1 KM 43-105

ALLIS TISSUE FORCEPS
KM 43-105 4 3/4" 4x5 teeth delicate
KM 43-107 5 3/4" 4x5 teeth delicate
KM 43-110 6" 3x4 teeth standard
KM 43-112 6" 4x5 teeth standard
KM 43-116 6" 5x6 teeth standard
KM 43-124 7 1/2" 5x6 teeth standard

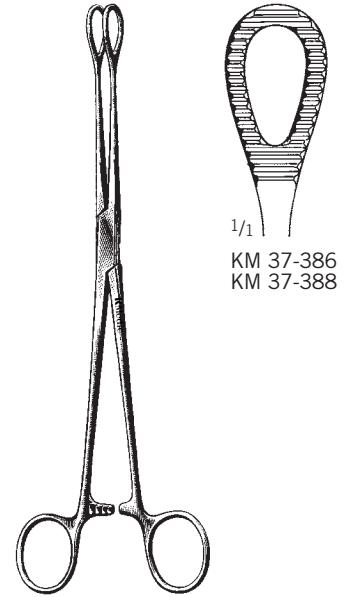
TOWEL, SPONGE, DRESSING, AND TISSUE FORCEPS



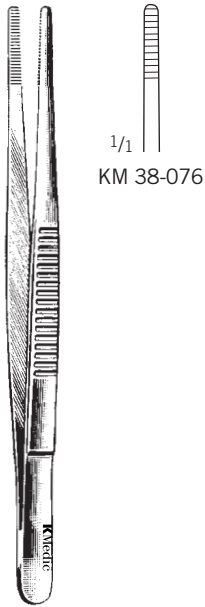
BACKHAUS TOWEL FORCEPS
KM 37-458 3½"
KM 37-462 5¼"



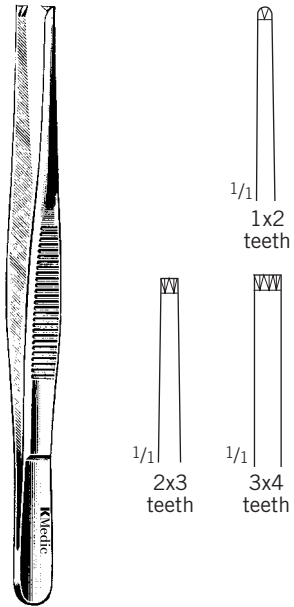
LORNA (EDNA) TOWEL CLAMP
KM 37-466 4" non-perforating
KM 37-468 5¼" non-perforating



FOERSTER SPONGE FORCEPS
straight
KM 37-366 7" serrated
KM 37-370 7" smooth
KM 37-386 9½" serrated
KM 37-390 9½" smooth
curved
KM 37-368 7" serrated
KM 37-372 7" smooth
KM 37-388 9½" serrated
KM 37-392 9½" smooth



DRESSING FORCEPS serrated
KM 38-076 4½"
KM 38-080 5"
KM 38-084 5½"
KM 38-088 6"
KM 38-094 8"
KM 38-100 10"
KM 38-106 12"



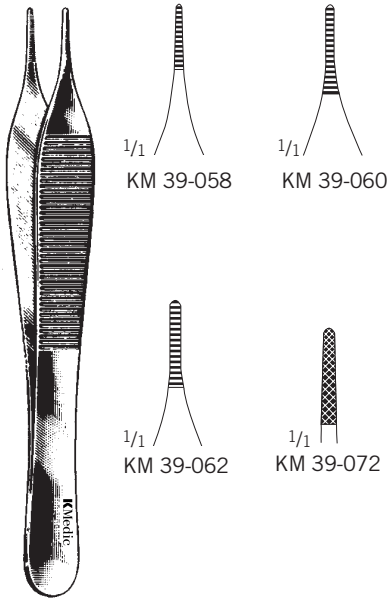
TISSUE FORCEPS
1x2 teeth
KM 38-264 4½"
KM 38-268 5"
KM 38-272 5½"
KM 38-276 6"
KM 38-280 8"
KM 38-286 10"
KM 38-290 12"
2x3 teeth
KM 38-292 5"
KM 38-296 5½"
3x4 teeth
KM 38-304 5½"



TISSUE FORCEPS
1x2 teeth with fluted handles
KM 39-310 4½"
KM 39-314 5"
KM 39-318 5½"
KM 39-322 6"

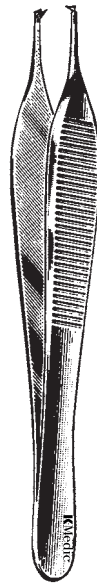
ADSON DRESSING AND TISSUE FORCEPS

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ADSON DRESSING FORCEPS

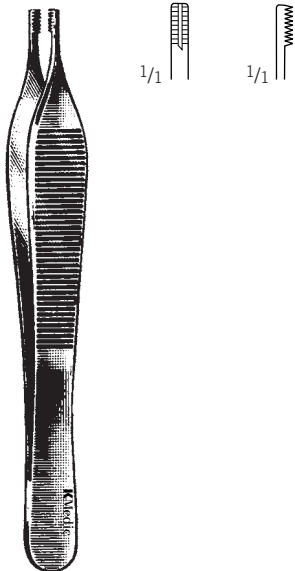
4 3/4" serrated
 KM 39-058 micro tip
 KM 39-060 delicate tip
 KM 39-062 standard tip
 KM 39-072 carbide tip



ADSON TISSUE FORCEPS 4 3/4"

1x2 teeth
 KM 39-056 micro tip
 KM 39-063 serrated tip
 KM 39-064 delicate tip
 KM 39-066 standard tip
 KM 39-070 delicate, with tying platform

2x3 teeth
 KM 39-068



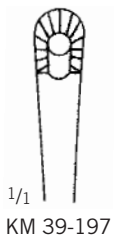
ADSON BROWN TISSUE FORCEPS

KM 39-092
 4 3/4" 9x9 teeth
 side grasping



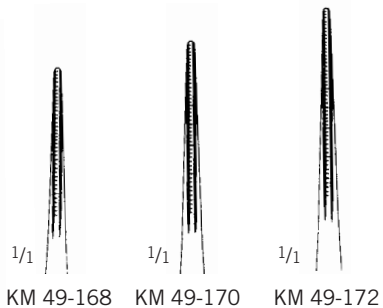
ADSON DRESSING AND TISSUE FORCEPS 6"

KM 39-057 micro 1x2 teeth
 KM 39-059 micro serrated
 KM 39-050 1x2 teeth
 KM 39-052 serrated



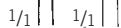
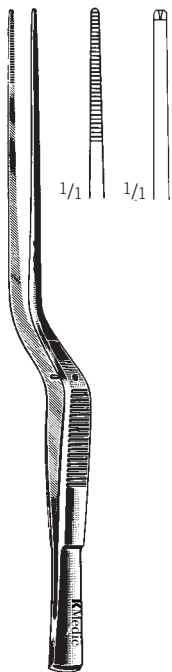
RUSSIAN TISSUE FORCEPS

- KM 39-192 6"
- KM 39-196 8"
- KM 39-197 9" fenestrated
- KM 39-198 10"



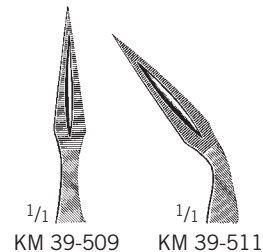
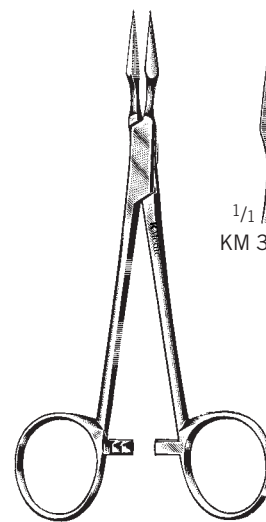
DEBAQUEY ATRAUMATIC TISSUE FORCEPS

- KM 49-168 6 1/4" 1.5mm
- KM 49-170 8" 1.5mm
- KM 49-172 9 1/4" 1.5mm
- KM 49-180 6 1/4" 2.0mm
- KM 49-182 8" 2.0mm
- KM 49-184 9 1/4" 2.0mm
- KM 49-210 6 1/4" 3.5mm
- KM 49-212 8" 3.5mm
- KM 49-216 9 1/4" 3.5mm



CUSHING BAYONET TISSUE FORCEPS 7 1/4"

- KM 38-186 1x2 teeth
- KM 38-184 serrated



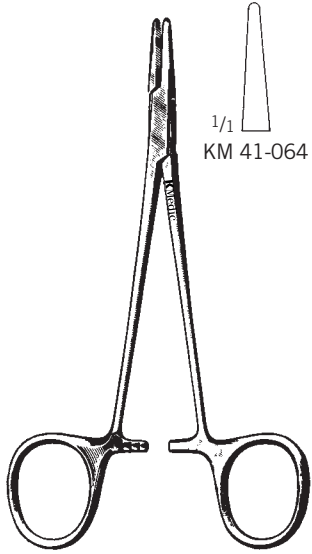
WILLIAMS SPLINTER FORCEPS serrated

- KM 39-509 5 1/2" straight
- KM 39-511 5 1/4" 45 degree angled
- KM 39-513 5 1/2" 90 degree angled

NEEDLE HOLDERS

Our carbide needle holders have TC inserts firmly bonded to the inside of both jaws. We guarantee them for three years. The surface profiles of the inserts have been precision milled to provide the surgeon with a firm, non-slip grip on the needle. Because the carbide is harder than the steel of the needles, carbide needle holders last much longer than ordinary ones. The ring handles are gold plated for easy identification.

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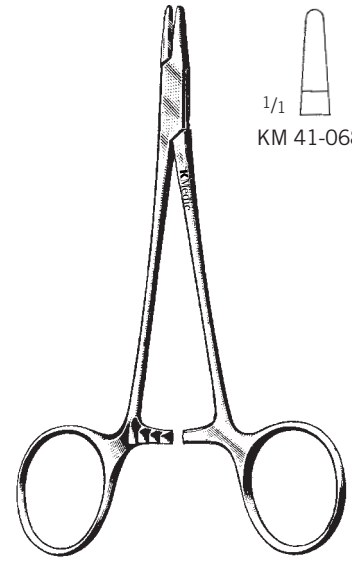
1/1
KM 41-064
1/1
KM 41-066

HALSEY NEEDLE HOLDER
KM 41-064 5" smooth
KM 41-065 5" smooth carbide
KM 41-066 5 1/2" serrated
KM 41-067 5" serrated carbide



1/1
KM 41-164
1/1
KM 41-166

HEGAR BAUMGARTNER NEEDLE HOLDER
KM 41-162 5" serrated
KM 41-164 5 3/4" serrated
KM 41-166 5 1/2" serrated carbide



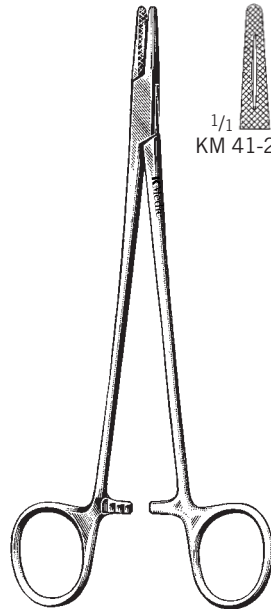
1/1
KM 41-068

WEBSTER NEEDLE HOLDER smooth
KM 41-068 5"
KM 41-070 5" carbide



1/1
KM 41-257

RYDER NEEDLE HOLDER serrated carbide
KM 41-257 5" KM 41-266 8"
KM 41-264 6" KM 41-267 9"
KM 41-265 7" KM 41-268 10 1/4"



1/1
KM 41-270
1/1
KM 41-302

MAYO HEGAR NEEDLE HOLDER serrated
KM 41-270 5 1/4" carbide
KM 41-272 6" KM 41-300 5"
KM 41-278 7" KM 41-302 6"
KM 41-284 8" KM 41-308 7"
KM 41-286 10 1/2" KM 41-314 8"
KM 41-316 10 1/2"
left handed
KM 41-302L 6"



1/1
KM 41-170
1/1
KM 41-174

CRILE-WOOD (DEBAKEY) NEEDLE HOLDER serrated
KM 41-170 6" carbide
KM 41-171 7" KM 41-174 6"
KM 41-172 8" KM 41-175 7"
KM 41-173 9" KM 41-176 8"
KM 41-178 9"



Used to pass sutures in shoulder surgery.

Phenolic handles are autoclavable to 290°F (143°C)

SUTURE PASSER 9¼" (235mm) curved
KM 46-917 with crochet hook
KM 46-918 with suture hole



MICRO SURGERY SET (MAJOR SET) KM 69-915 complete set includes one each of the following:

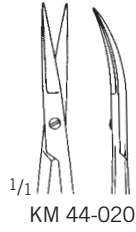
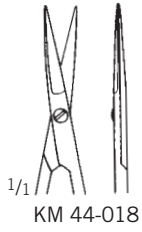
- KM 44-012 MICRO TYING FORCEPS 4¾" 0.3mm tip
- KM 44-032 BARRAQUER NEEDLE HOLDER 5" curved, with lock
- KM 44-018 MICRO SCISSORS 5" straight, long blade, round handle
- KM 53-380 GRAEFE IRIS FORCEPS 4" straight 1x2 teeth
- KM 44-028 MICRO CLAMP APPLICATOR 5½"
- KM 44-030 APPROXIMATION CLAMP without suture holding frame
- KM 44-022 MICRO SCISSORS (REILL) 5½" curved, serrated
- KM 44-014 PLATFORM TYING FORCEPS 5½" 0.7mm tip
- KM 44-024 HEPP-SCHIEDL DISSECTING SCISSORS 5½" curved
- KM 44-031 CLAMP BOX for micro clamps KM 44-030
- KM 98-135 STERILIZATION AND INSTRUMENT CASE for eight piece micro set
- KM 98-136 INSTRUMENT RACK for eight piece micro set

MICRO SURGERY SET (MINI SET) KM 69-917 complete set includes one each of the following:

- KM 44-014 PLATFORM TYING FORCEPS 5½" 0.7mm tip
- KM 44-032 BARRAQUER NEEDLE HOLDER 5" curved with lock
- KM 44-020 MICRO SCISSORS 5" curved, long blade, round handle
- KM 98-137 STERILIZATION AND INSTRUMENT CASE for three piece micro set

MICROSURGICAL INSTRUMENTS

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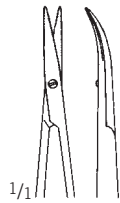


MICRO SCISSORS
KM 44-018
5" straight
long blade
round handle

KM 44-020
5" curved
long blade
round handle



MICRO SCISSORS (REILL)
KM 44-022
5 1/2" curved
serrated



**HEPP-SCHEIDEL
DISSECTING SCISSORS**
KM 44-024
5 1/2" curved



GRADLE SCISSORS
KM 53-318
4" slightly curved
ribbon type, sharp/sharp points



BISHOP HARMAN FORCEPS 3 3/8"
 KM 53-426 extra delicate serrated 0.7mm
 KM 53-428 delicate serrated 1.0mm
 KM 53-440 delicate 1x2 teeth 1.0mm



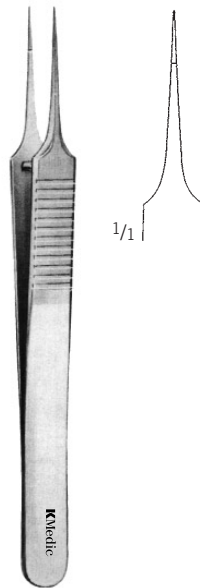
TROUTMAN-BARRAQUER FORCEPS
 KM 53-460
 3" 1x2 teeth
 0.12mm with tying platform



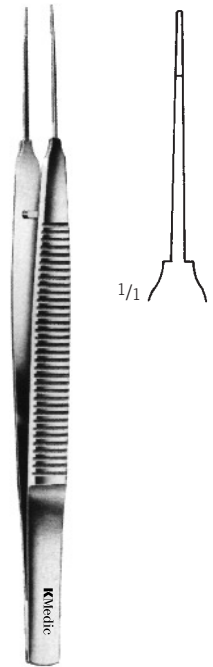
GRAEFE IRIS FORCEPS
 KM 53-380
 4" straight
 1x2 teeth



CASTROVIEJO MICRO TYING FORCEPS
 KM 53-450 4" straight 0.12mm 1x2 teeth with tying platform
 KM 53-456 4" straight 0.5mm 1x2 teeth with tying platform



MICRO TYING FORCEPS
 KM 44-012
 4 3/8" 0.3mm tip



PLATFORM TYING FORCEPS
 KM 44-014
 5 1/2" 0.7mm tip

MICROSURGICAL INSTRUMENTS

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KM 39-450
#3
4 3/4" narrow fine



KM 39-451
#3C
4 3/4" narrow fine



KM 39-452
#4
4 3/4" fine



KM 39-453
#5
4 3/4" extra fine

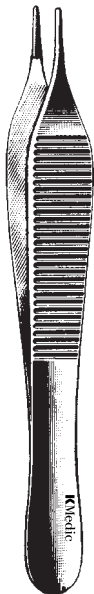


KM 39-455
#6
4 1/2" angled pickup

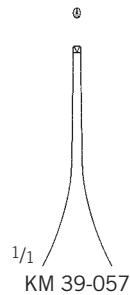
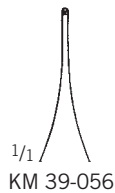
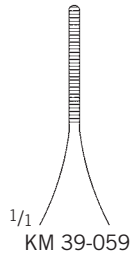
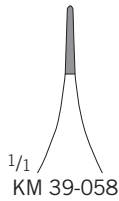


KM 39-456
#7
4 1/2" curved fine

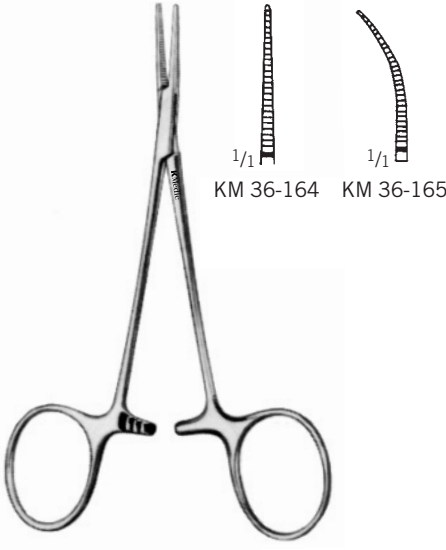
SWISS JEWELERS STYLE FORCEPS



ADSON DRESSING FORCEPS micro tip
serrated
KM 39-058 4 3/4"
KM 39-059 6"



MICRO CLAMP APPLICATOR
KM 44-028
5 1/2"
for clamps KM 44-030



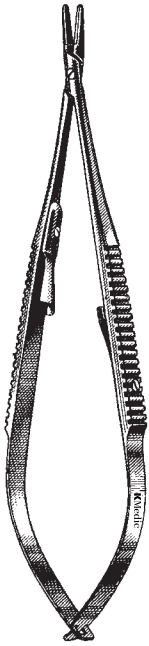
MICRO MOSQUITO FORCEPS
 KM 36-164 KM 36-165
 5" straight 5" curved
 extremely fine tips extremely fine tips




BARRAQUER NEEDLE HOLDER
 KM 44-032
 5" curved
 with lock



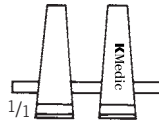
CASTROVIEJO MICRO NEEDLE HOLDER
 5½" extra delicate, smooth
 with lock without lock
 KM 42-196 straight KM 42-195 straight
 KM 42-198 curved KM 42-197 curved



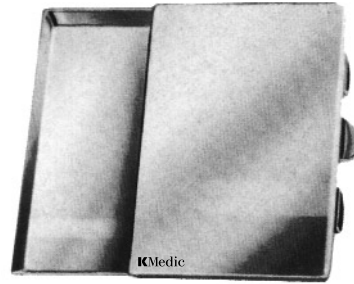
CASTROVIEJO MICRO NEEDLE HOLDER 5½" smooth
 with lock without lock carbide, with lock carbide, without lock
 KM 42-186 straight KM 42-185 straight KM 42-190 straight KM 42-189 straight
 KM 42-188 curved KM 42-187 curved KM 42-192 curved KM 42-191 curved



RYDER MICRO NEEDLE HOLDER
 serrated carbide
 KM 41-240 5" KM 41-246 8"
 KM 41-242 6" KM 41-248 9"
 KM 41-244 7"



APPROXIMATION CLAMP
KM 44-030
15mm
without suture
holding frame



CLAMP BOX
KM 44-031
2 3/4" x 1 3/4" x 1/2"
for micro clamps KM 44-030



STERILIZATION AND INSTRUMENT CASE

KM 98-137
7" x 2 3/4" x 1"
case only
for three piece micro set
(not pictured)

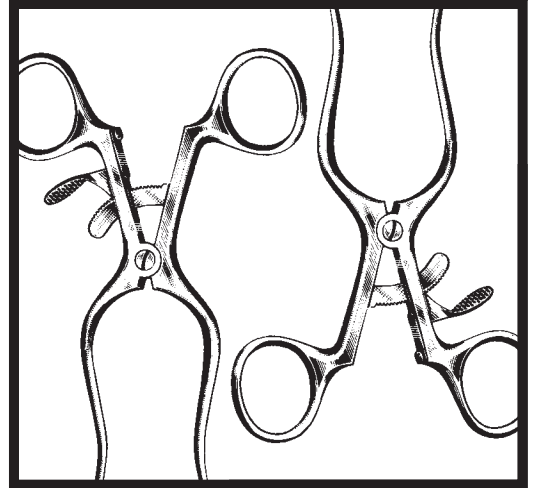
KM 98-135
9" x 5" x 1 1/4"
case only for
eight piece micro set

KM 98-136
8 3/4" x 4 3/4" x 3/4"
rack only for
eight piece micro set
(not pictured)

KMedic[®]

SECTION B

RETRACTORS



To retract, secure and apply traction to soft tissue and bone. To provide visualization and maintain wound exposure.

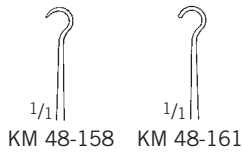
CONTENTS

Skin Hooks	2
Finger Retractors	3
Retractors	6
Shoulder Retractors	13
Knee Retractors	15
Hohmann Retractors	17
Self-Retaining Retractors	21

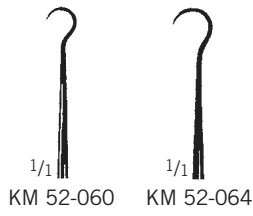
All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

SKIN HOOKS

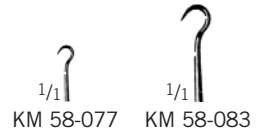
B
2



FRAZIER HOOK 5"
KM 48-158 one sharp prong 2.5mm diameter
KM 48-161 one blunt prong 2.5mm diameter



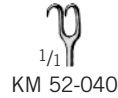
KLEINERT-KUTZ HOOK 6"
KM 52-060 3mm diameter
KM 52-064 5mm diameter
KM 52-068 7mm diameter



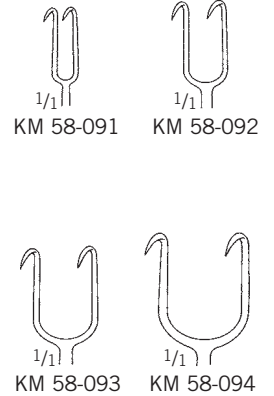
GILLIES HOOK 7"
KM 58-077 2mm diameter
KM 58-083 3mm diameter



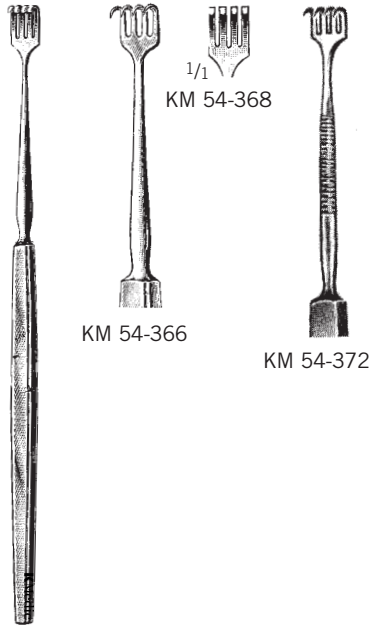
GUTHRIE HOOK
KM 54-350
5" 2 sharp prongs
2.5mm wide



FREER SKIN HOOK 6"
KM 52-040 2 sharp prongs 2.5mm wide
KM 52-042 2 blunt prongs 2.5mm wide



JOSEPH HOOK 6 1/2" sharp
KM 58-088 1 prong
KM 58-091 2 prongs 2mm wide
KM 58-092 2 prongs 5mm wide
KM 58-093 2 prongs 7mm wide
KM 58-094 2 prongs 10mm wide



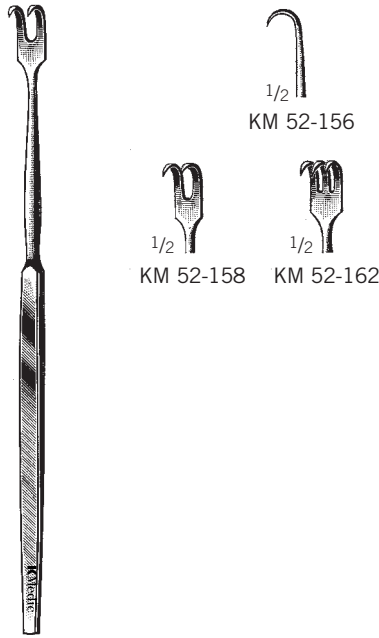
KM 54-366

1/1
KM 54-368

KM 54-372

BLAIR (ROLLET) RETRACTOR 5½"

6mm wide
 KM 54-366 4 sharp prongs, rigid
 KM 54-368 4 blunt prongs, rigid
 KM 54-372 4 sharp prongs, flexible



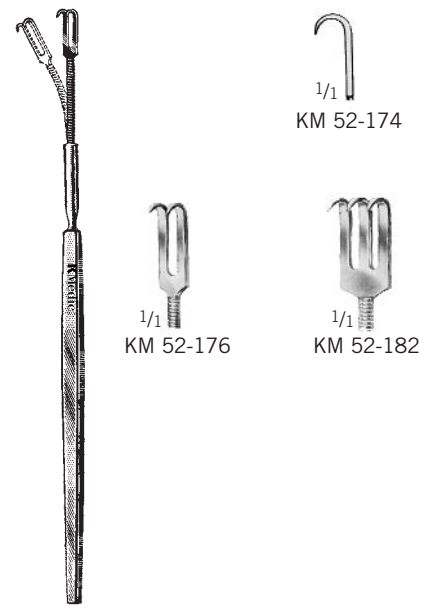
1/2
KM 52-156

1/2
KM 52-158

1/2
KM 52-162

RIGID RAKE RETRACTOR 6½"

<i>sharp</i>	<i>blunt</i>
KM 52-156 1 prong	KM 52-164 1 prong
KM 52-158 2 prongs	KM 52-166 2 prongs
KM 52-162 3 prongs	KM 52-172 3 prongs



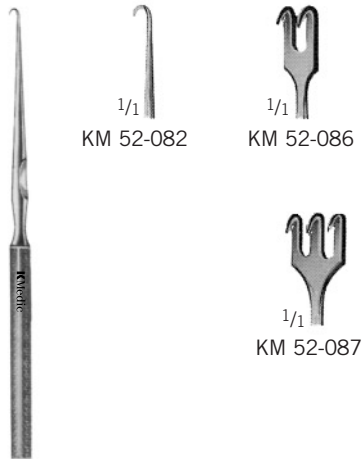
1/1
KM 52-174

1/1
KM 52-176

1/1
KM 52-182

FLEXIBLE RAKE RETRACTOR 6¼"

<i>sharp</i>	<i>blunt</i>
KM 52-174 1 prong	KM 52-184 1 prong
KM 52-176 2 prongs	KM 52-188 2 prongs
KM 52-182 3 prongs	KM 52-192 3 prongs



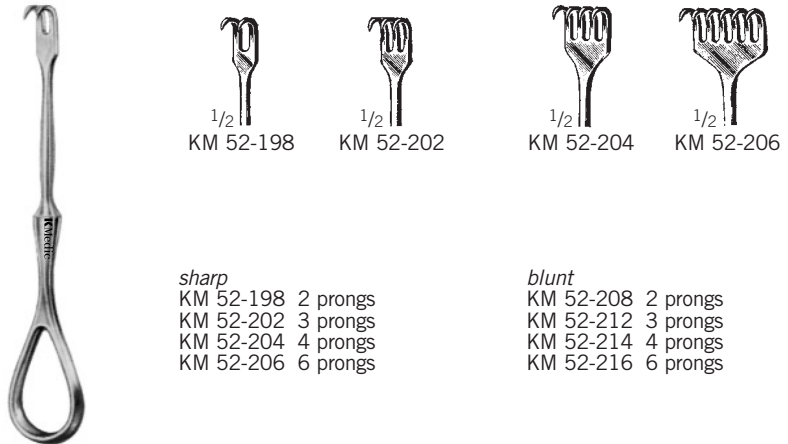
1/1
KM 52-082

1/1
KM 52-086

1/1
KM 52-087

LAHEY RETRACTOR 4¾"

KM 52-082 1 sharp prong
 KM 52-086 2 sharp prongs
 KM 52-087 3 sharp prongs



1/2
KM 52-198

1/2
KM 52-202

1/2
KM 52-204

1/2
KM 52-206

sharp
 KM 52-198 2 prongs
 KM 52-202 3 prongs
 KM 52-204 4 prongs
 KM 52-206 6 prongs

blunt
 KM 52-208 2 prongs
 KM 52-212 3 prongs
 KM 52-214 4 prongs
 KM 52-216 6 prongs

VOLKMAN FINGER RETRACTOR 4½"

FINGER RETRACTORS

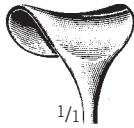
B
4



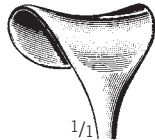
KM 54-358



KM 54-360



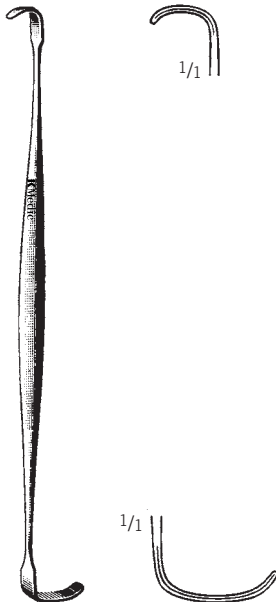
KM 54-362



KM 54-364

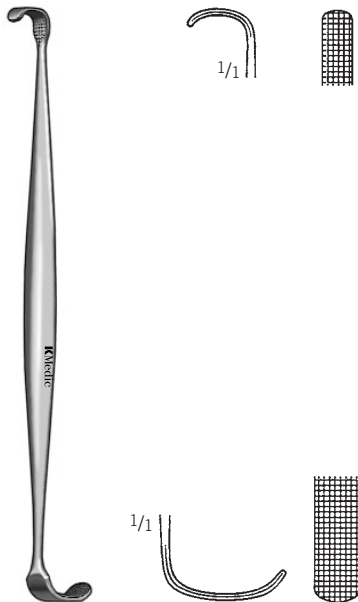
DESMARRES RETRACTOR 5 1/2"

KM 54-358 #1 12mm width x 10mm depth
 KM 54-360 #2 13mm width x 10mm depth
 KM 54-362 #3 15mm width x 10mm depth
 KM 54-364 #4 17mm width x 10mm depth



RAGNELL RETRACTOR

KM 52-094
 5 3/4" double ended
 4mm width x 8mm depth blade
 and 6mm width x 15mm depth blade



*Fine cross serrations
 help prevent slippage.*

RAGNELL-LINDE RETRACTOR

KM 69-982
 5 1/4" double ended with serrations
 4mm width x 8mm depth blade
 and 6mm width x 15mm depth blade



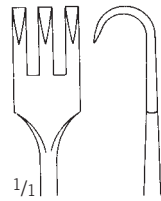
DAVIS RETRACTOR

KM 52-076
 6" double ended
 6mm width x 17mm depth blade
 and 9mm width x 20mm depth blade

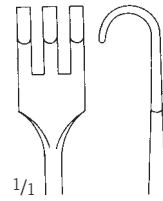
FINGER RETRACTORS



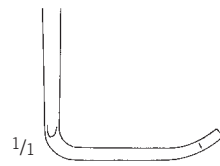
SENN RETRACTOR 6 1/2"
KM 52-088
3 sharp prongs
double ended
9mm width x 7mm depth prongs
and 7mm width x 18mm depth blade



KM 52-088



KM 52-090



KM 52-090
3 blunt prongs
double ended
9mm width x 7mm depth prongs
and 7mm width x 18mm depth blade



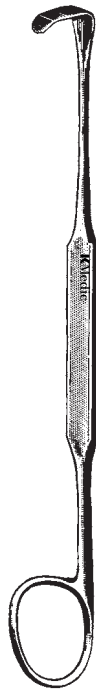
MATHIEU RETRACTOR 6 1/4"
9mm width x 7mm depth prongs
and 7mm width x 18mm depth blade
KM 52-092
3 sharp prongs
double ended



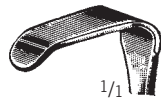
1/1
KM 52-092



1/1
KM 52-093



MEYERDING FINGER RETRACTOR 7"



1/1
KM 52-116
#1
7mm width x
18mm depth blade



1/1
KM 52-118
#2
6mm width x
17mm depth blade
with teeth



1/1
KM 52-122
#3
4mm width x
8mm depth blade
with teeth



1/1
KM 52-124
#4
4mm width x
10mm depth blade



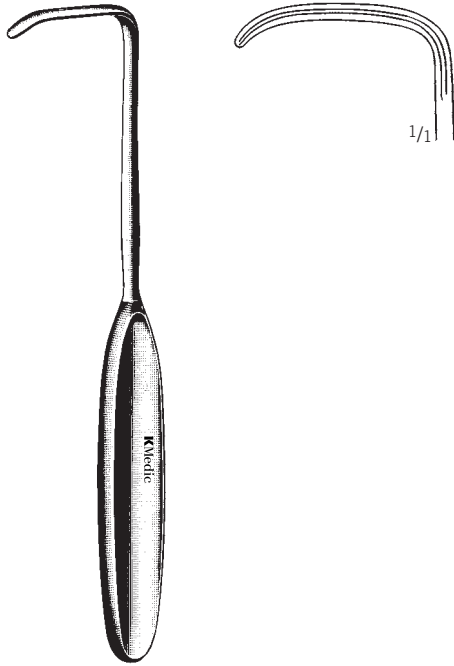
1/1
KM 52-128
#5
4mm width x
7mm depth blade



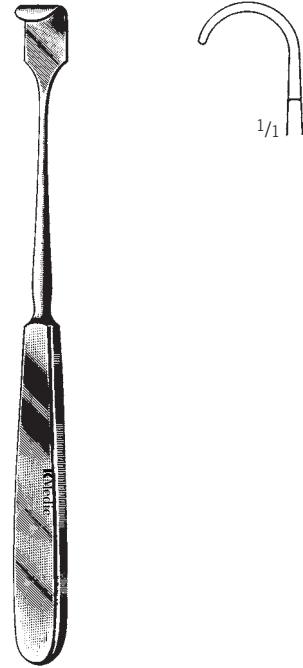
1/1
KM 52-130
#6
8mm width x
7mm depth
sharp prongs

RETRACTORS

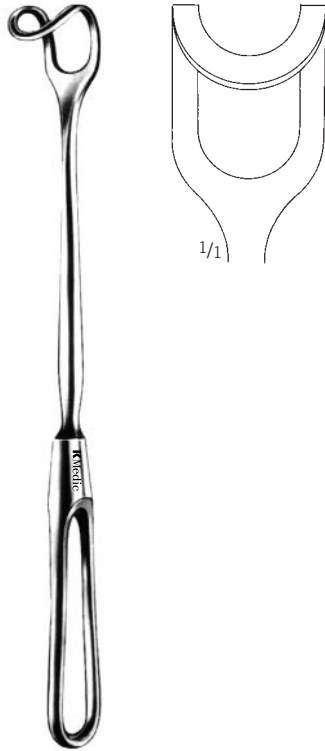
B
6



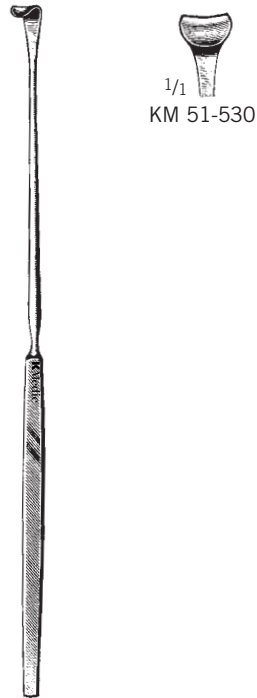
LAHEY RETRACTOR
KM 51-528
7³/₄"
6mm width x 26mm depth blade



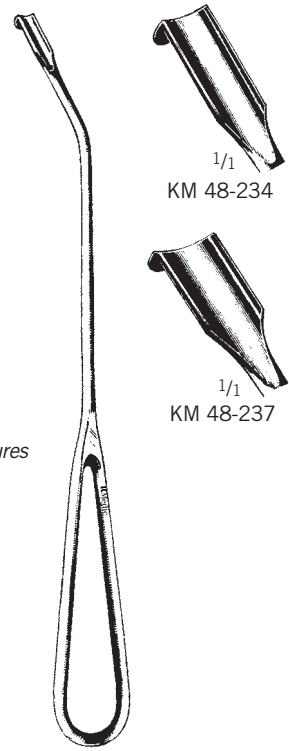
LITTLE RETRACTOR
KM 51-520
7³/₄"
13mm width x 15mm depth blade



GREEN RETRACTOR
KM 51-524
8¹/₂" fenestrated handle
20mm width x 23mm depth fenestrated blade



LOVE NERVE RETRACTOR 8¹/₂"
7mm width x 5mm depth
KM 51-530 straight blade
KM 51-532 blade angled 45 degrees
KM 51-534 blade angled 90 degrees

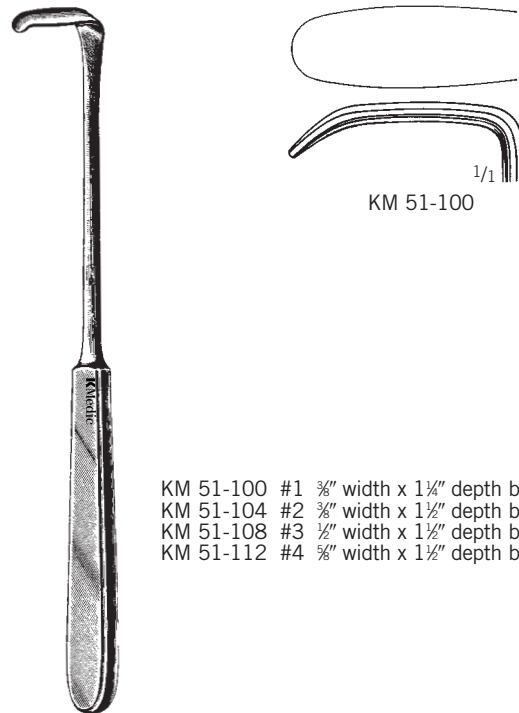


Primarily used during spinal procedures to retract the nerve root. Blunt hook.

HOLSHER NERVE RETRACTOR 9¹/₂"
KM 48-234 7mm blade
KM 48-237 9mm blade



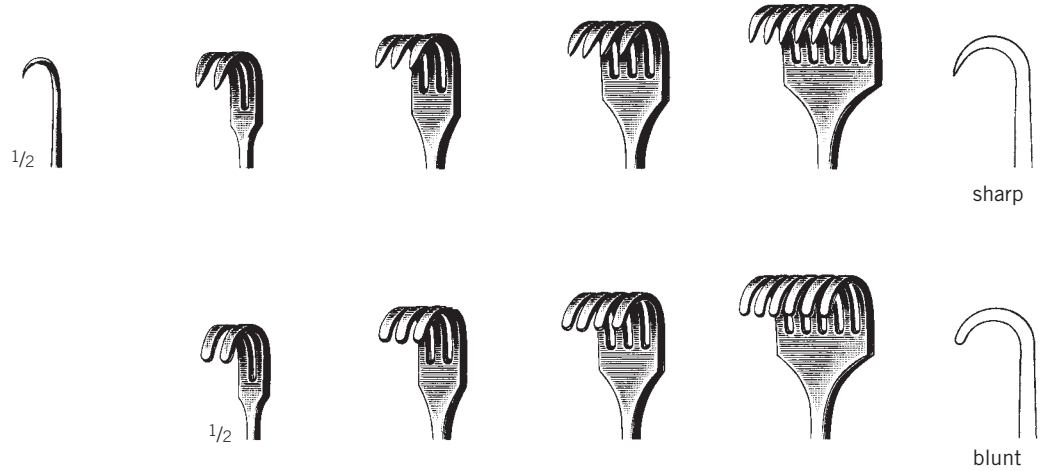
CUSHING VEIN RETRACTOR
KM 51-521
9" with fenestrated handle
12mm width x 10mm depth blade



LANGENBECK RETRACTOR 8 3/4"
KM 51-100 #1 3/8" width x 1 1/4" depth blade
KM 51-104 #2 3/8" width x 1 1/2" depth blade
KM 51-108 #3 1/2" width x 1 1/2" depth blade
KM 51-112 #4 5/8" width x 1 1/2" depth blade



VOLKMAN RETRACTOR 8 1/2" with ring handle

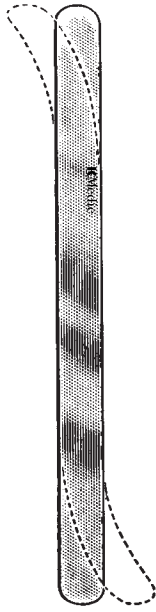


sharp
KM 52-254 1 prong 10mm depth
KM 52-258 2 prongs 8mm width x 10mm depth
KM 52-262 3 prongs 13mm width x 10mm depth
KM 52-264 4 prongs 18mm width x 10mm depth
KM 52-266 6 prongs 28mm width x 10mm depth

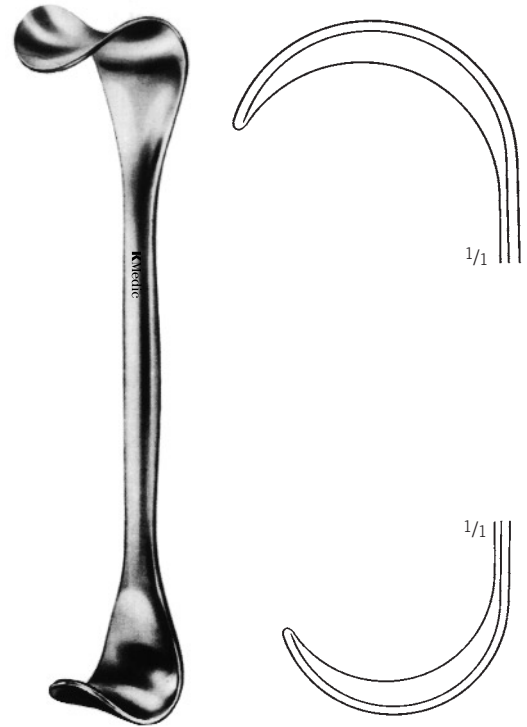
blunt
KM 52-268 2 prongs 8mm width x 10mm depth
KM 52-272 3 prongs 13mm width x 10mm depth
KM 52-274 4 prongs 18mm width x 10mm depth
KM 52-276 6 prongs 28mm width x 10mm depth

RETRACTORS

B
8



RIBBON RETRACTOR malleable
 KM 51-752 6" x 1/2"
 KM 51-755 7 1/2" x 1"
 KM 51-766 13" x 3/4"
 KM 51-768 13" x 1"
 KM 51-770 13" x 1 1/4"
 KM 51-772 13" x 1 1/2"
 KM 51-776 13" x 2"



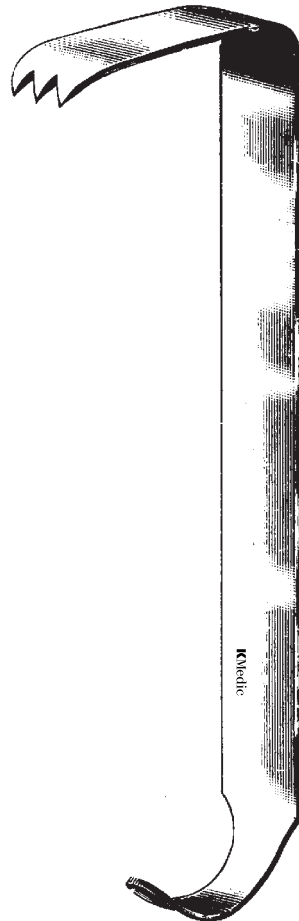
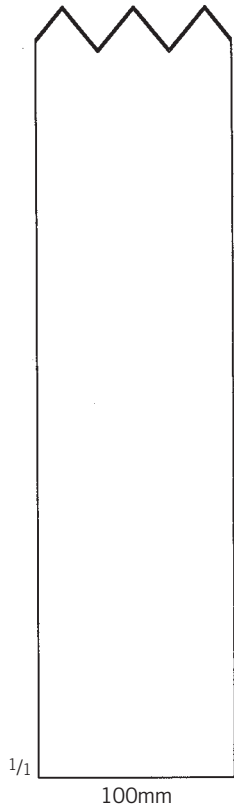
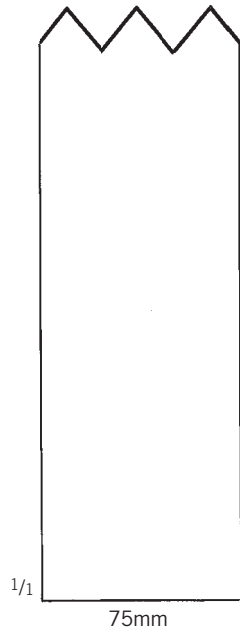
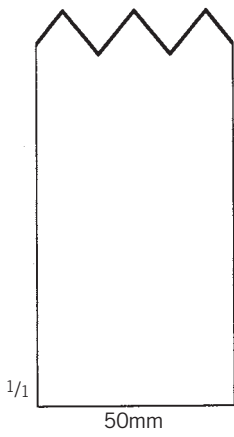
GOELET RETRACTOR
 KM 51-376
 7 1/2" double ended



MURPHY BONE SKID
 KM 46-892
 12"

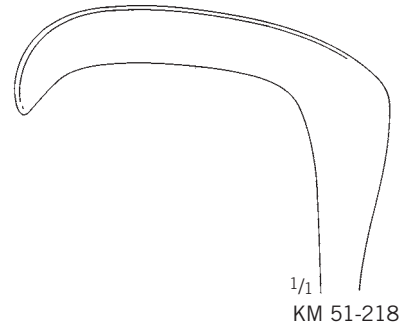


U.S. ARMY RETRACTOR
 KM 51-372
 8 1/2" double ended, set of two
 smaller: 15mm width x 25mm depth
 and 15mm width x 30mm depth
 larger: 15mm width x 37mm depth
 and 15mm width x 42mm depth



Used for deep soft tissue retraction

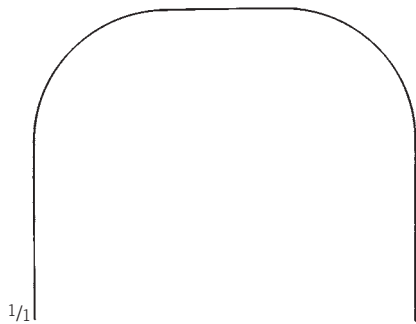
HIBBS RETRACTOR 9 1/2"
sharp teeth
KM 51-059 25mm width x 50mm depth
KM 51-060 26mm width x 75mm depth
KM 51-061 25mm width x 100mm depth



KELLY RETRACTOR 9 3/4" with loop handle
KM 51-216 1 1/2" x 2" blade
KM 51-218 2" x 2 1/2" blade
KM 51-220 2 1/2" x 3" blade
KM 51-222 3" x 3 1/2" blade

RETRACTORS

B
10



KM 51-240



DEAVER RETRACTOR hollow grip handle
 KM 51-230 1" wide x 10" long blade
 KM 51-232 1" wide x 12" long blade
 KM 51-234 1" wide x 13" long blade
 KM 51-240 2" wide x 12" long blade
 KM 51-236 2½" wide x 14½" long blade
 KM 51-242 3" wide x 12" long blade
 KM 51-238 3½" wide x 12" long blade



KM 51-202



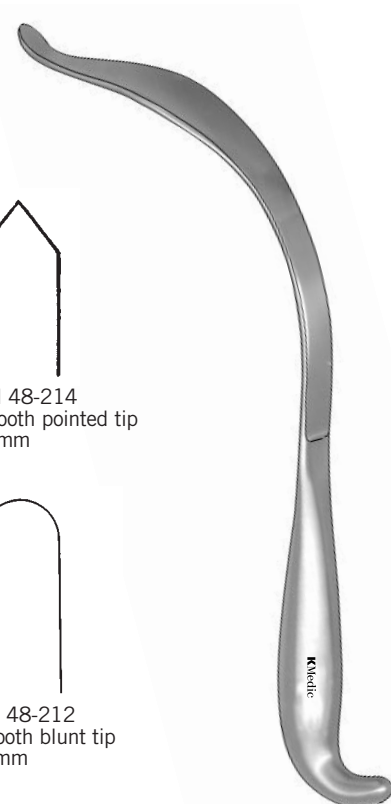
RICHARDSON RETRACTOR 9½"
 KM 51-200
 ¾" wide x 1" long blade
 KM 51-202
 1" wide x 1¼" long blade
 KM 51-204
 1½" wide x 1½" long blade



RICHARDSON RETRACTOR
 KM 51-206
 9½"
 ¾" wide x 2" long blade



RICHARDSON-EASTMANN RETRACTOR
 KM 51-212 9½" small
 KM 51-214 10¼" large
 KM 51-210 set of two




1/1
KM 48-208
serrated pointed tip
10mm

1/1
KM 48-214
smooth pointed tip
10mm

1/1
KM 48-210
serrated blunt tip
10mm

1/1
KM 48-212
smooth blunt tip
10mm

AUFRA NC COBRA RETRACTOR 10½"
with hollow handle, 1¼" width blade



1/1
KM 46-880

KM 46-880
10" small
1¾" blade width

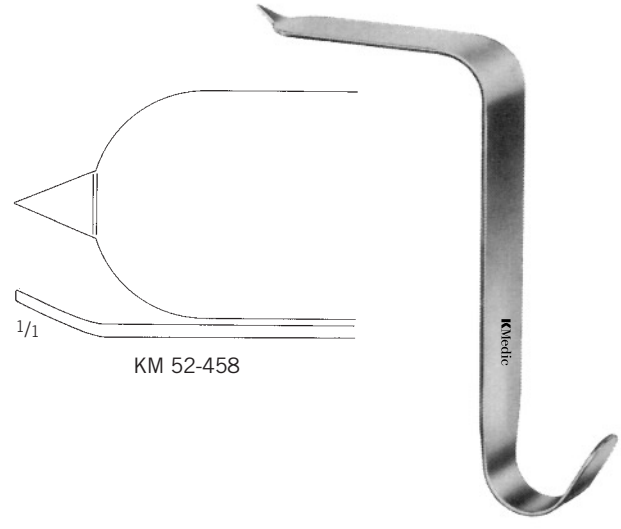
KM 46-884
10" large
2½" blade width

BENNETT BONE ELEVATOR AND RETRACTOR
hollow handle



	blade width	blade length
KM 51-158 9" small	17mm	55mm
KM 51-162 9" medium	25mm	70mm
KM 51-164 10" large	50mm	94mm

MEYERDING LAMINECTOMY RETRACTOR sharp teeth



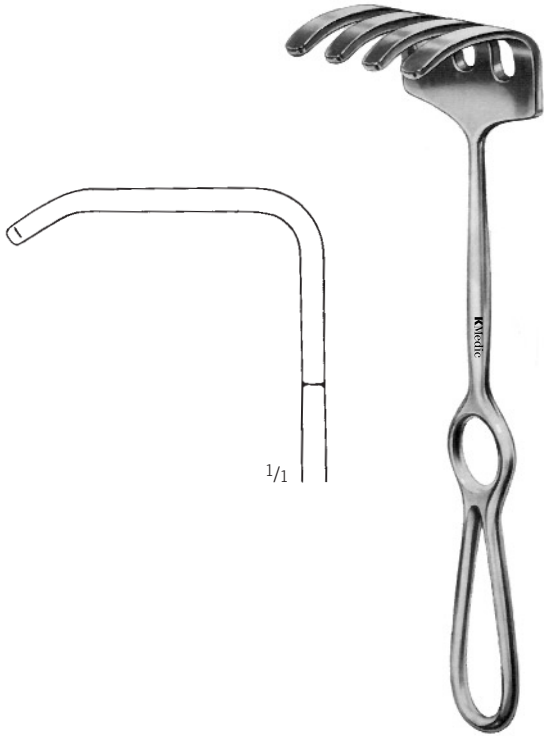
1/1
KM 52-458

TAYLOR SPINAL RETRACTOR
KM 52-458
7½"
1½" width x 3" length blade

KM 52-460
8"
1½" width x 4" length blade

RETRACTORS

B
12



OLLIER RAKE RETRACTOR

KM 52-282
9"
4 blunt prongs
56mm width x 40mm depth



ISRAEL RAKE RETRACTOR

KM 51-078	KM 51-080
9½"	9½"
3 blunt prongs	4 blunt prongs
30mm width x 37mm depth	40mm width x 40mm depth

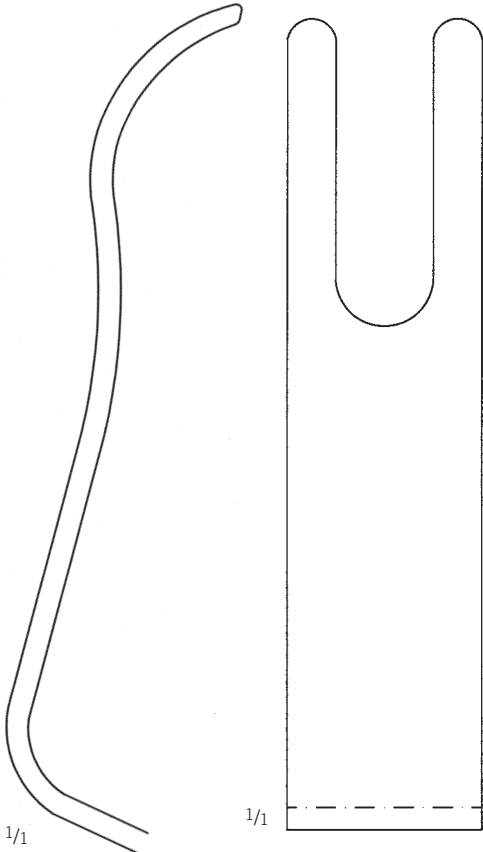


DEEP RAKE RETRACTOR 10½" with 4 blunt prongs

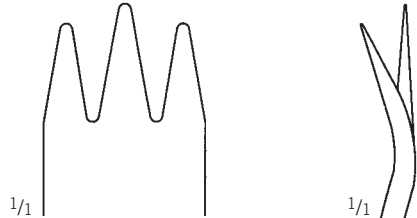
KM 52-292 2¼" width x 1½" depth
 KM 52-294 2¼" width x 2" depth
 KM 52-296 2¼" width x 2½" depth
 KM 52-298 2¼" x 3" depth



BRISTOW/BANKART HUMERAL RETRACTOR
KM 46-870
2 blunt prongs
25mm width x 102mm depth

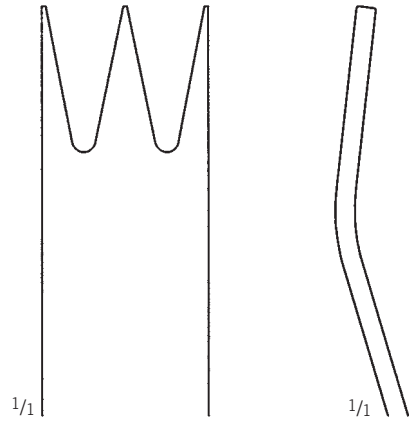


BRISTOW/BANKART SOFT TISSUE RETRACTOR
KM 46-872
7 1/2" with 3 blunt prongs
21mm blade width

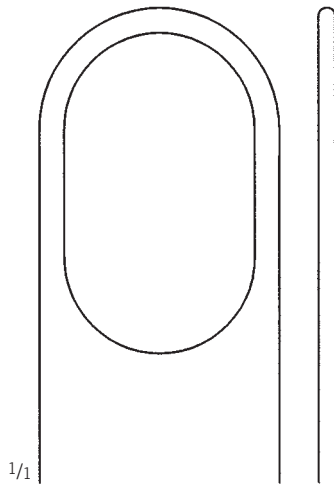


SHOULDER RETRACTORS

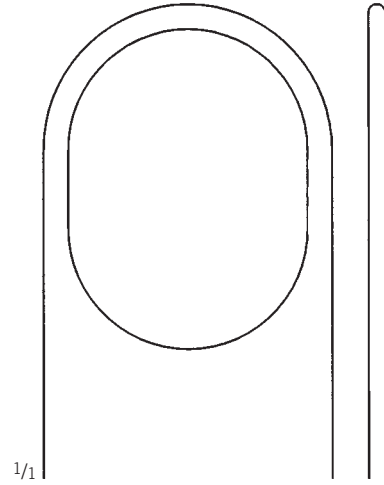
B
14



CAPSULE RETRACTOR
KM 46-908
10" with 3 sharp prongs
22mm blade width



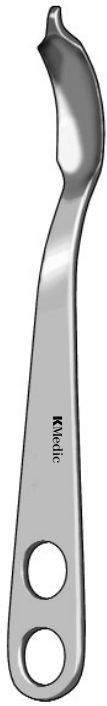
KM 46-907
32mm width x
81mm length blade



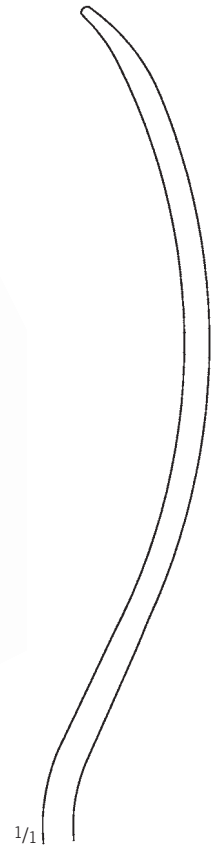
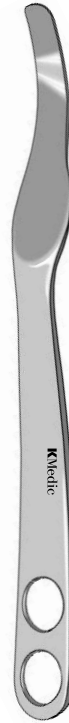
KM 46-906
38mm width x
81mm length blade

**FUKUDA STYLE
SHOULDER RETRACTOR 7"**

SHOULDER AND KNEE RETRACTORS



HUMERAL HEAD RETRACTOR
KM 46-860
8³/₄"
18mm blade width



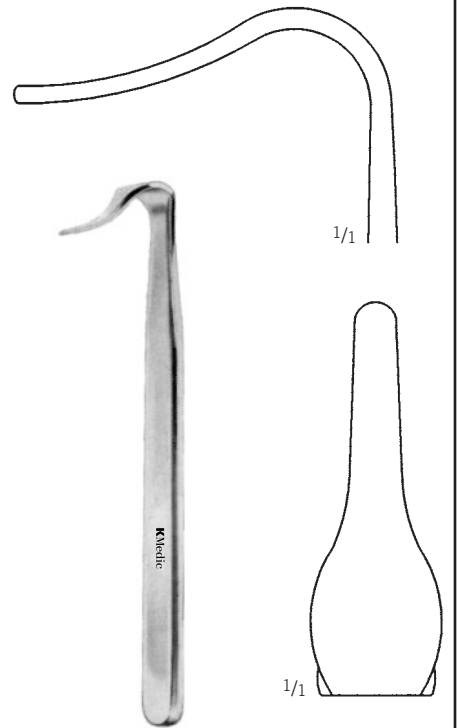
PELVIC SINGLE PRONG RETRACTOR
KM 48-201
10³/₄"
24mm blade width



BLOUNT DOUBLE PRONG RETRACTOR
KM 48-204
10¹/₂"
44mm width



BLOUNT SINGLE PRONG RETRACTOR
KM 48-202
10¹/₂"
37mm blade width



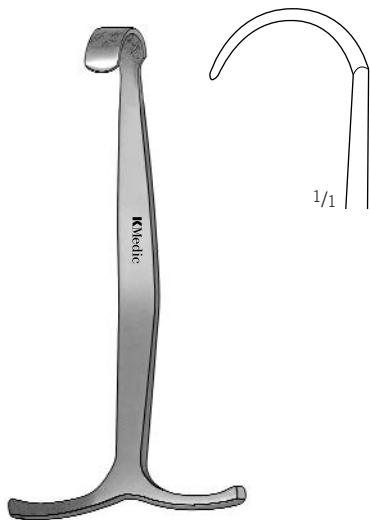
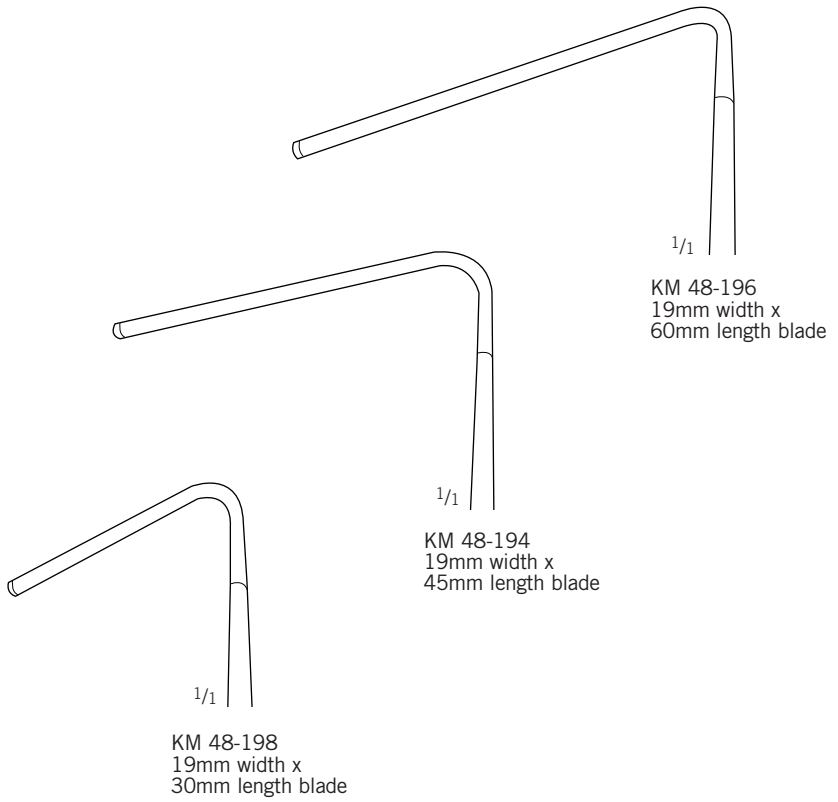
BLOUNT KNEE RETRACTOR
KM 48-206
7"
6mm width distal tip

KNEE RETRACTORS

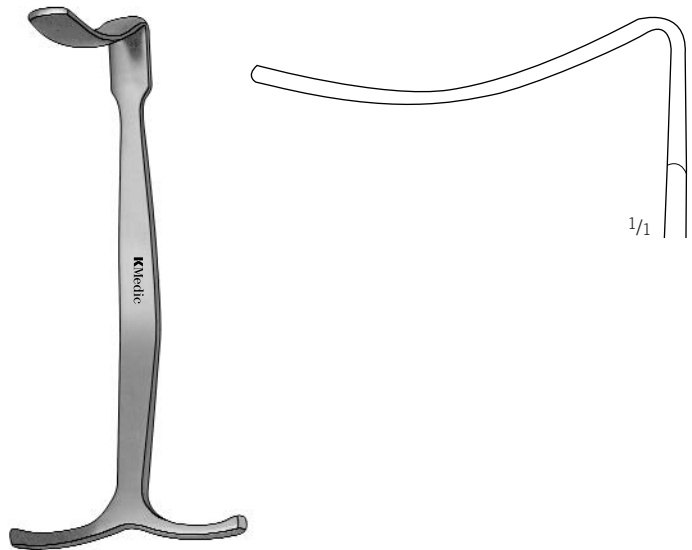
B
16



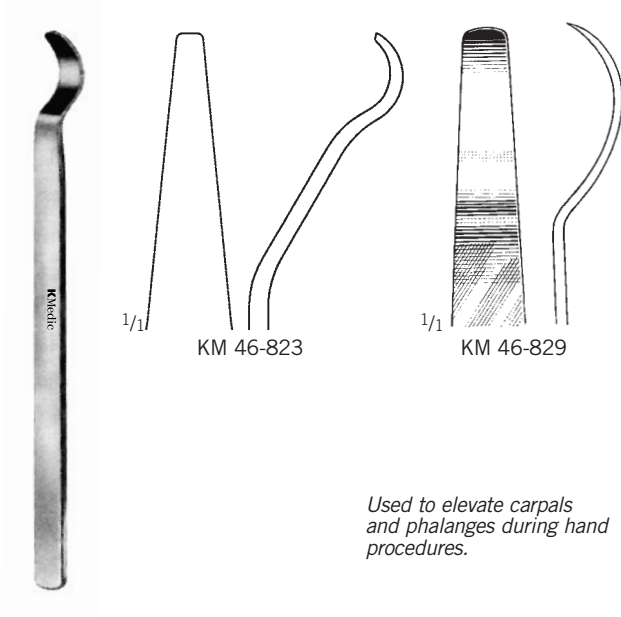
SMILLIE KNEE RETRACTOR 5½"



SMILLIE KNEE RETRACTOR
KM 48-200
5½"
full curve
13mm width x 18mm length blade



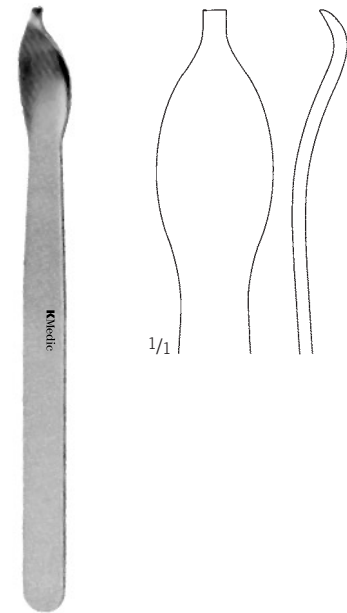
SMILLIE KNEE RETRACTOR
KM 48-192
5½"
reverse curve
13mm width x 55mm length blade



Used to elevate carpals and phalanges during hand procedures.

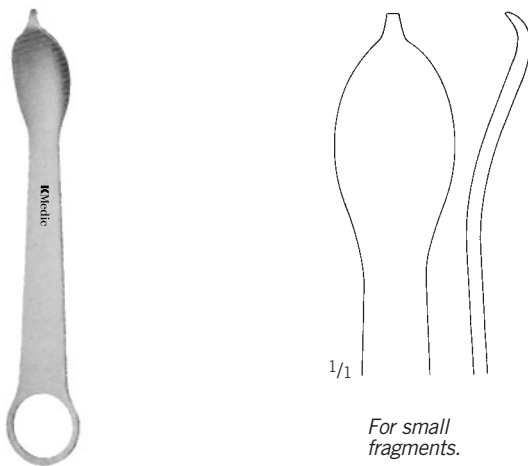
HAYES HAND RETRACTOR

KM 46-823	KM 46-829
6 1/4"	6"
3mm width distal tip	6mm width distal tip



HOHMANN RETRACTOR

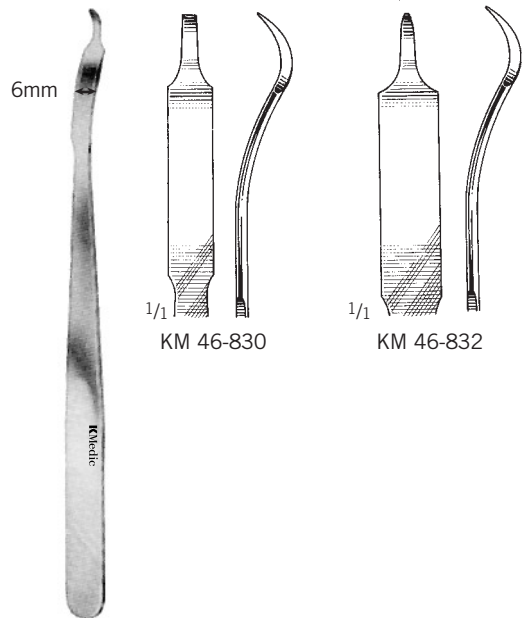
KM 46-827
6"
broad tip
15mm blade width



For small fragments.

HOHMANN RETRACTOR

KM 46-826
4 3/4" with finger ring
broad tip
16mm blade width

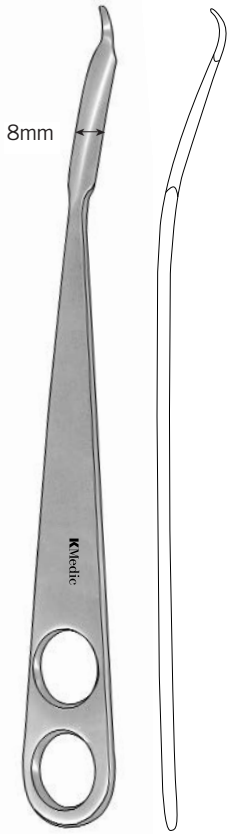


MINI HOHMANN RETRACTOR

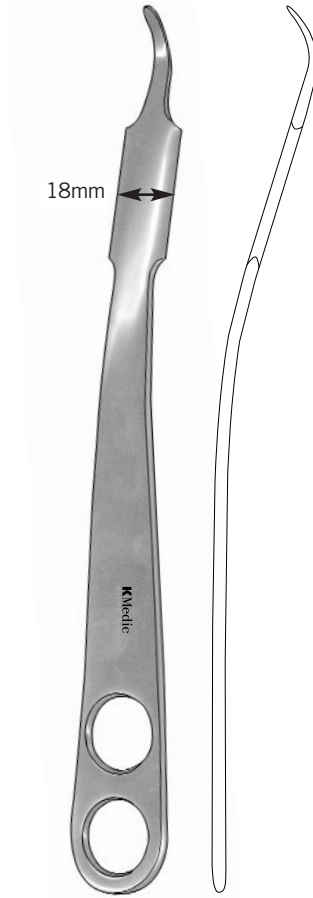
KM 46-830	KM 46-832
6 1/2"	6 1/2"
6mm blade width	8mm blade width

HOHMANN RETRACTORS

B
18



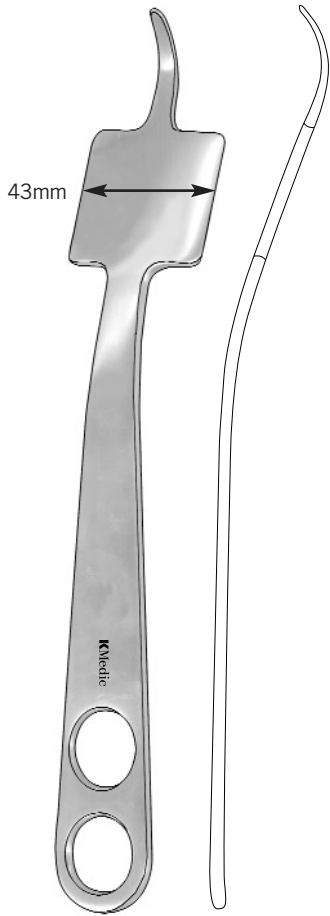
HOHMANN RETRACTOR
KM 46-858 KM 46-836
8½" 9"
8mm blade width 10mm blade width



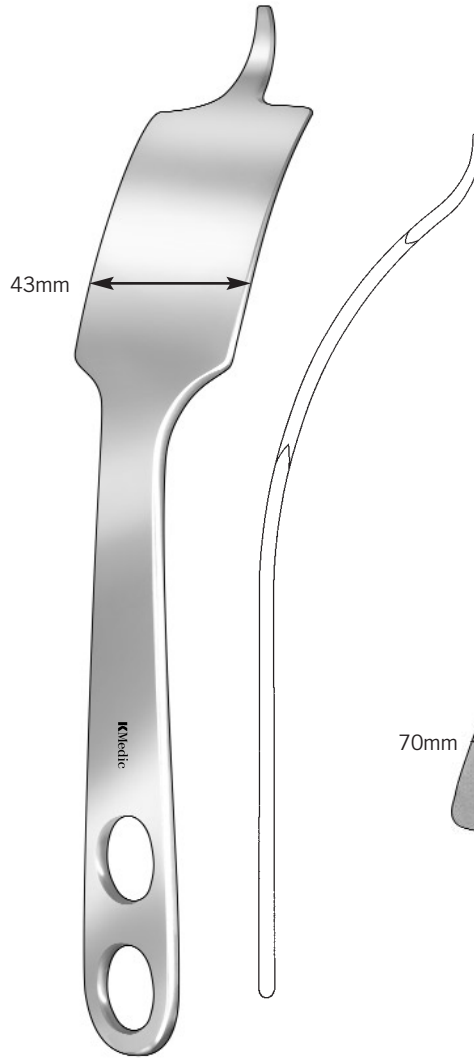
HOHMANN RETRACTOR
KM 46-838
9"
18mm blade width



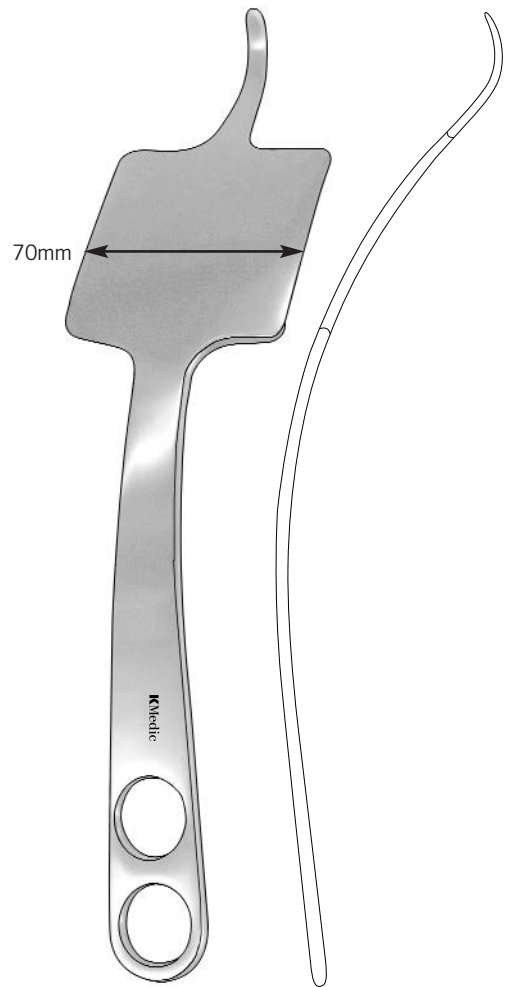
HOHMANN RETRACTOR
KM 46-848
11"
22mm blade width
three holes



HOHMANN RETRACTOR
KM 46-842
9½"
43mm blade width



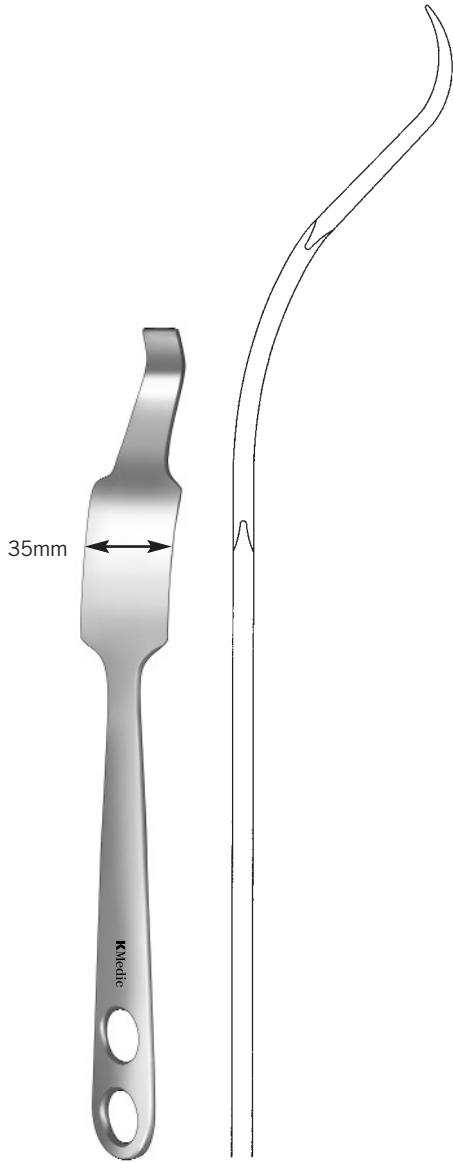
HOHMANN RETRACTOR
KM 46-841
9"
43mm blade width
long 64mm shank



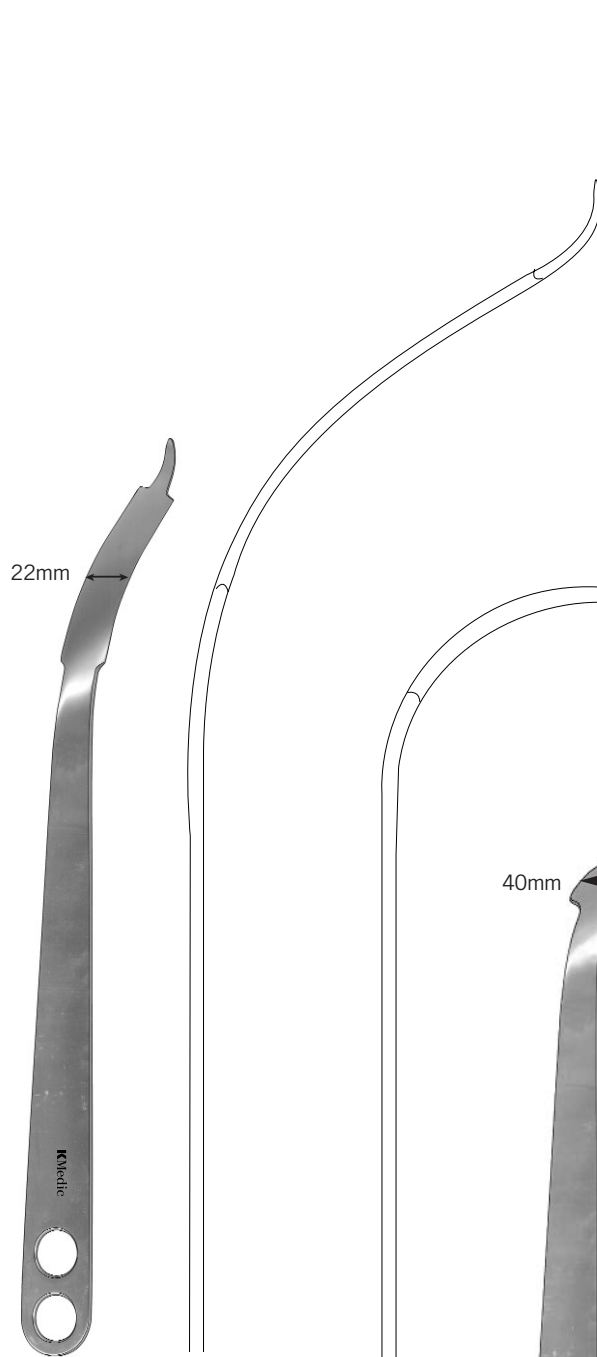
HOHMANN RETRACTOR
KM 46-850
9½"
70mm blade width

HOHMANN RETRACTORS

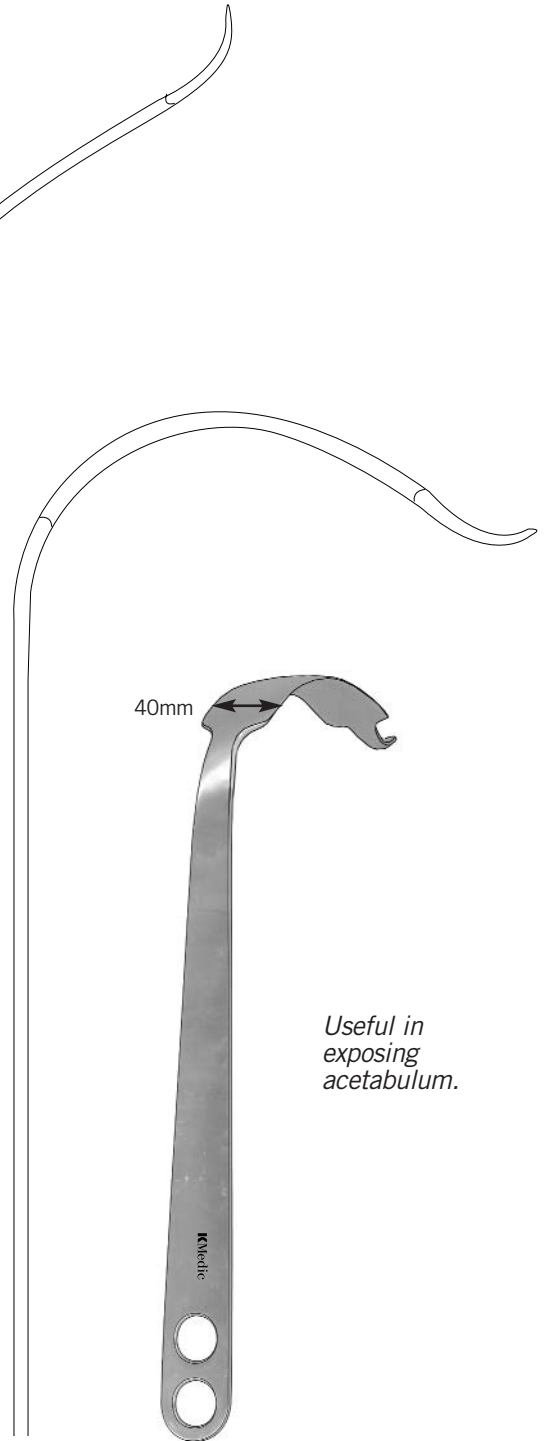
B
20



HOHMANN RETRACTOR
KM 46-849
11 1/4"
35mm blade width
with wide tip
long 52mm shank



HOHMANN RETRACTOR
KM 46-852
16"
22mm blade width
curved 120 degrees



HOHMANN RETRACTOR
KM 46-854
13"
40mm blade width
curved 90 degrees

*Useful in
exposing
acetabulum.*

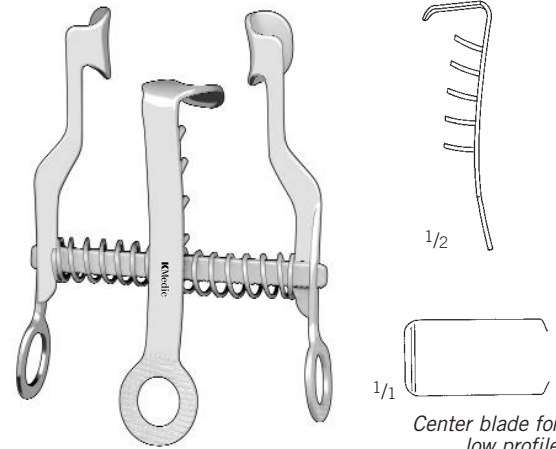
The new KMedic Vickers Retractors are designed to provide excellent visibility during hand and wrist procedures. Each of the retractors is self-retaining and automatically expands the wound site.



Ideal for retracting wounds on either the front, back or sides of fingers or thumb.

VICKERS FINGER RETRACTOR

KM 52-425
2" x 3/4" x 1 1/4"
2 x 2 blunt hooks
maximum opening: 3/4"

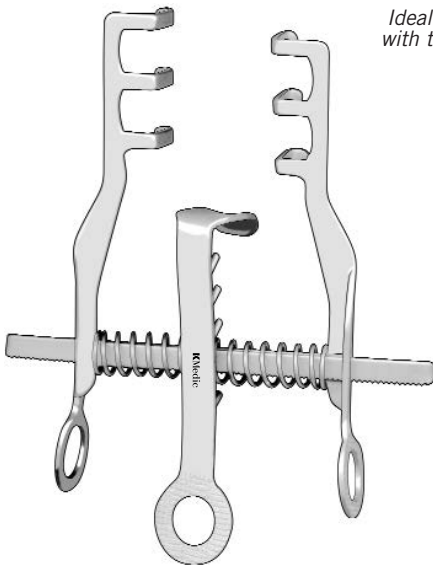


Useful for trigger finger and small wound retraction. The curved smooth blades hold fat tissue away from tendon sheath.

VICKERS LOW PROFILE SMALL WOUND RETRACTOR

KM 52-426
2 1/2" x 3"
10mm depth x 12mm height curved smooth blades
maximum opening: 30mm
center blade: 10mm x 16mm

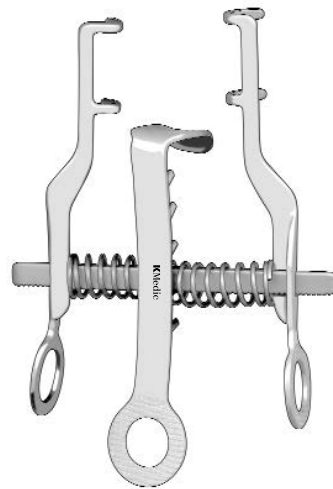
Center blade for low profile retractors.



Ideal for tendon transfers with three blunt prongs to secure placement.

VICKERS LOW PROFILE HAND AND FOREARM RETRACTOR

KM 52-427
3" x 3 3/4"
3 x 3 blunt prongs
11mm depth x 25mm height
maximum opening: 35mm
center blade: 10mm x 16mm

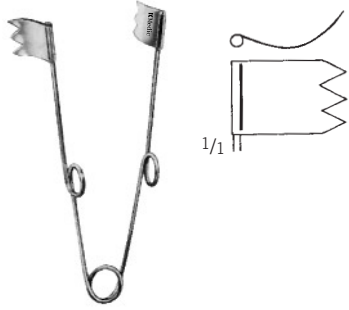


Useful for hand and carpal tunnel procedures with two blunt prongs to secure placement.

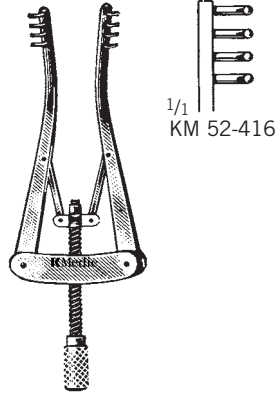
VICKERS LOW PROFILE UNIVERSAL RETRACTOR

KM 52-428
2 1/2" x 3"
2 x 2 blunt prongs
8mm depth x 17mm height
maximum opening: 30mm
center blade: 10mm x 16mm

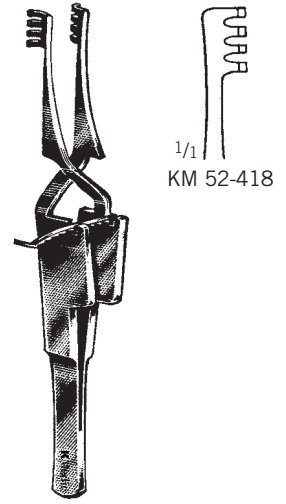
SELF-RETAINING RETRACTORS



SPRING WIRE RETRACTOR
KM 52-420
3 3/4" very delicate
3x3 teeth
10mm width x 13mm height blades



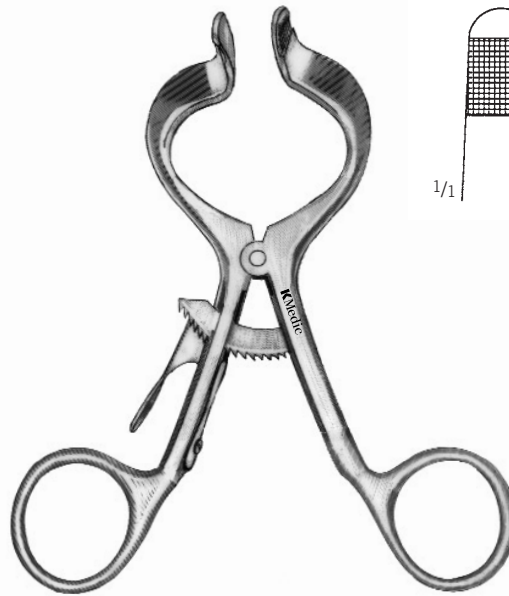
ALM RETRACTOR 4 blunt prongs
KM 52-414 4" delicate
2 3/4" delicate 4" delicate
4mm depth x 5mm depth x
8mm height 9mm height



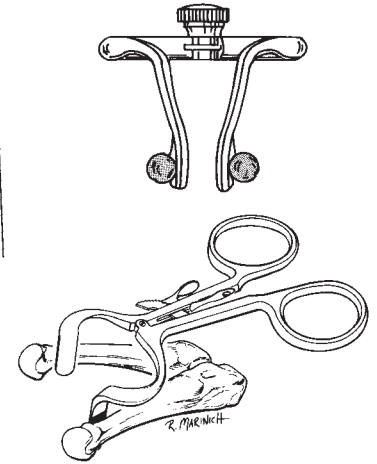
SELF-RETAINING RETRACTOR
KM 52-417 4" delicate
4 sharp prongs 3mm depth x
8mm height
KM 52-418 4" delicate
4 blunt prongs 3mm depth x
8mm height



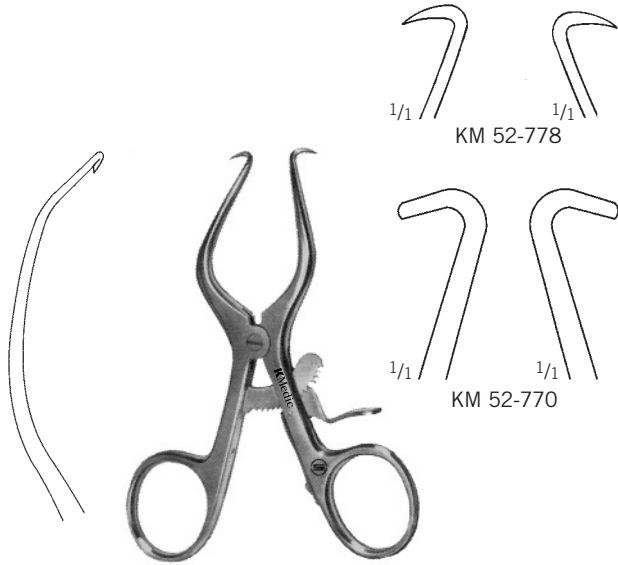
JANSEN RETRACTOR
KM 52-422
4"
3x3 blunt prongs



COX METATARSAL SPREADER
KM 69-990
4 1/2"
8mm width x 28mm depth blades
patent #4,754,746



- Patented, specially designed thin serrated blades fit anatomically correct against the metatarsals.
- Precise design and German manufacture assure slip-proof hold on metatarsals.
- Affords excellent visibility for the surgeon.
- Designed by Dr. Kenneth Cox.
- A KMedic exclusive.



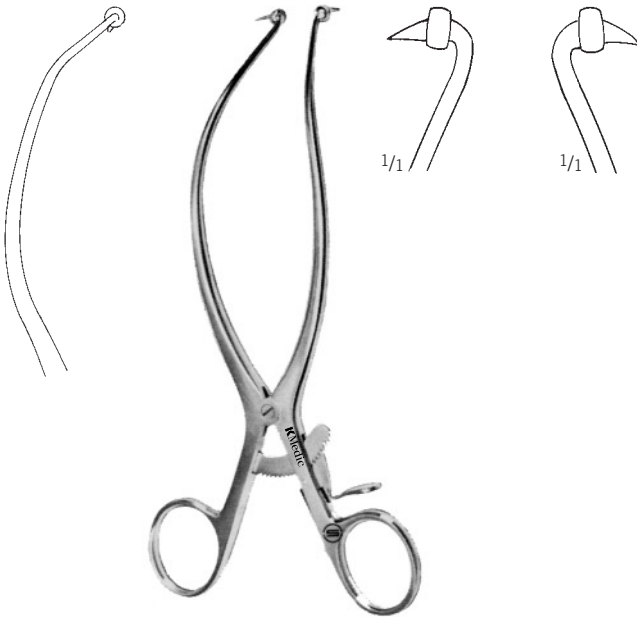
GELPI RETRACTOR

<i>sharp points</i>	<i>blunt points</i>
KM 52-776 3½"	KM 52-770 7½"
KM 52-778 4½"	
KM 52-780 5½"	
KM 52-768 7½"	



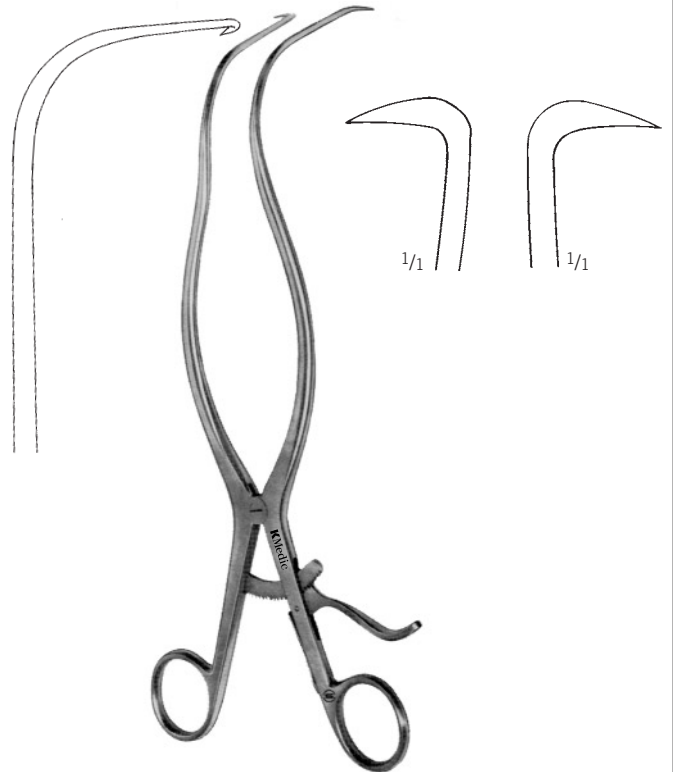
GELPI-SELETZ RETRACTOR

KM 52-765
6½"
sharp points
deep blades



GELPI RETRACTOR

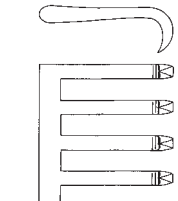
KM 52-769
7" with ball stops
sharp points



WILTSE-GELPI RETRACTOR

KM 52-771
11"
deep blades
sharp points

SELF-RETAINING RETRACTORS



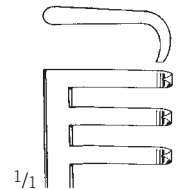
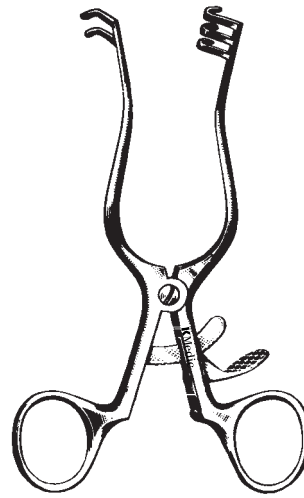
1/1
KM 52-548

Handle conforms to contour of skull. Also useful in hand and foot procedures because handle is not obstructive.

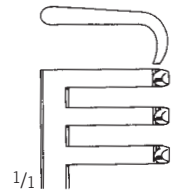
SCALP CONTOUR RETRACTOR

KM 52-548
5½"
3x4 sharp prongs
15mm depth x
20mm height

KM 52-546
5½"
3x4 blunt prongs
15mm depth x
20mm height



1/1
KM 52-492

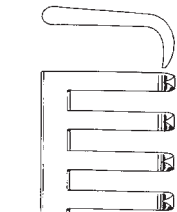
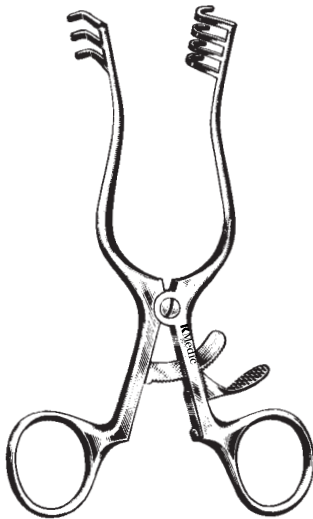


1/1
KM 52-494

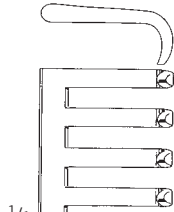
WEITLANER RETRACTOR

KM 52-492
4" sharp
2x3 prongs
13mm depth x
13mm height

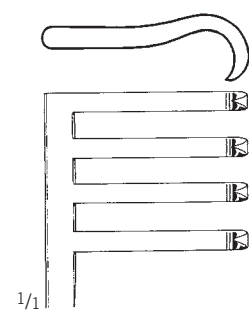
KM 52-494
4" blunt
2x3 prongs
13mm depth x
13mm height



1/1
KM 52-498



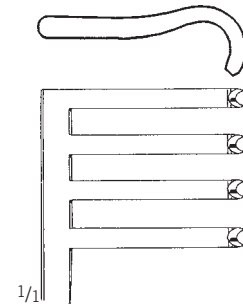
1/1
KM 52-518



1/1
KM 52-506

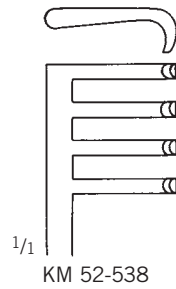
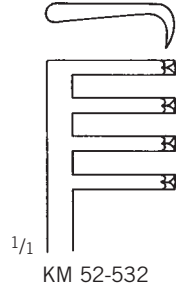
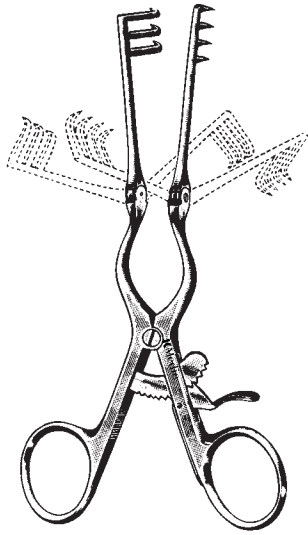
sharp
3x4 prongs
KM 52-498 5½" 14mm depth x 18mm height
KM 52-502 6½" 15mm depth x 20mm height
KM 52-504 8" 16mm depth x 20mm height
KM 52-506 9½" 23mm depth x 21mm height

blunt
3x4 prongs
KM 52-518 5½" 14mm depth x 18mm height
KM 52-522 6½" 15mm depth x 20mm height
KM 52-524 8" 16mm depth x 20mm height
KM 52-526 9½" 23mm depth x 21mm height



1/1
KM 52-526

WEITLANER RETRACTOR



BECKMAN-WEITLANER RETRACTOR hinged blades

3x4 sharp prongs

- KM 52-530 5½" 15mm depth x 20mm height
- KM 52-532 6½" 15mm depth x 20mm height
- KM 52-534 8½" 17mm depth x 22mm height
- KM 52-542 9½" 24mm depth x 22mm height

3x4 blunt prongs

- KM 52-536 5½" 15mm depth x 20mm height
- KM 52-538 6½" 15mm depth x 20mm height
- KM 52-540 8½" 17mm depth x 22mm height
- KM 52-544 9½" 24mm depth x 22mm height



ADSON RETRACTOR

KM 52-442
7½" straight
4x4 sharp prongs
18mm depth x 18mm height



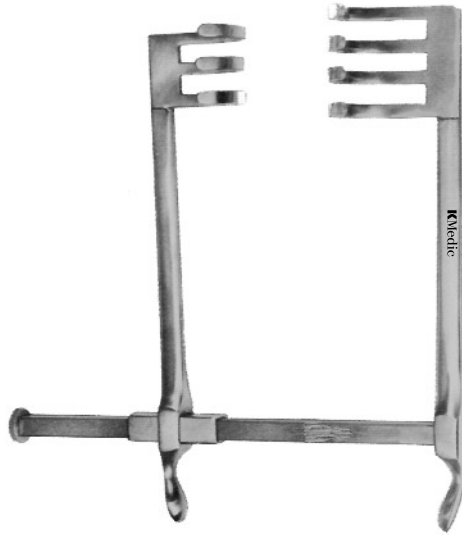
ADSON RETRACTOR

KM 52-444
7½" angled
4x4 sharp prongs
18mm depth x 18mm height

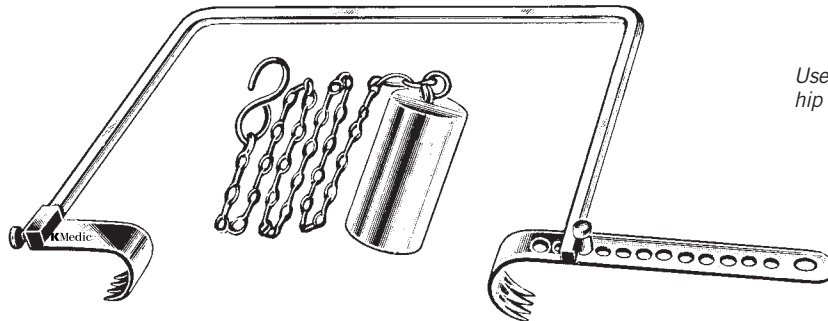
SELF-RETAINING RETRACTORS



CRUTCHFIELD TONGS
KM 48-249
4½"
with two drills



FRAZIER LAMINECTOMY RETRACTOR
KM 52-702
3x4 blunt prongs
spread: 3½"
arm length: 5"



Used primarily for hip procedures.

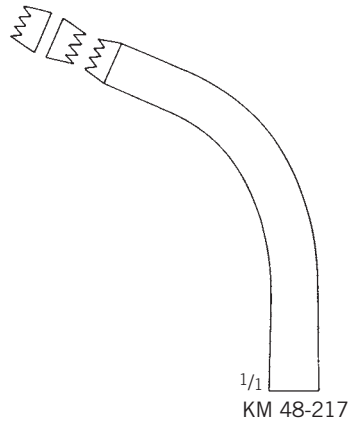
INITIAL INCISION RETRACTOR
KM 52-704
4 sharp prongs
stainless steel
maximum retraction width: 9¾" (247mm)
prong depth: 1" (25mm)
blade width: 1" (25mm)
weight: 3 lbs.

Other blades available:

	prong depth x blade width
2" x 1" (51mm x 25mm)	
2¼" x 1" (57mm x 25mm)	
2½" x 1" (64mm x 25mm)	

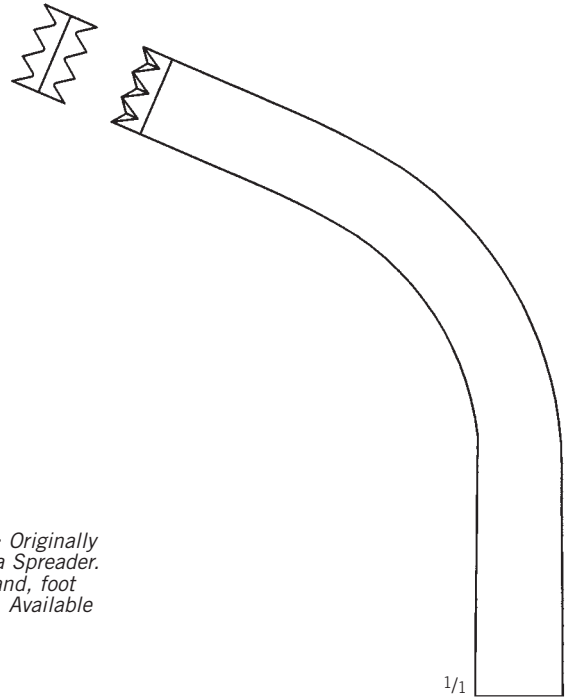
short blade
KM 52-705S
KM 52-706S
KM 52-707S

long blade
KM 52-705L
KM 52-706L
KM 52-707L



1/1
KM 48-217

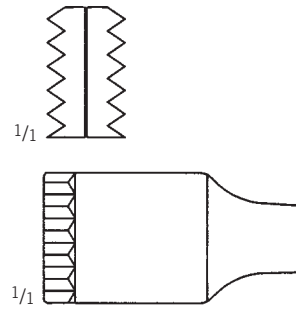
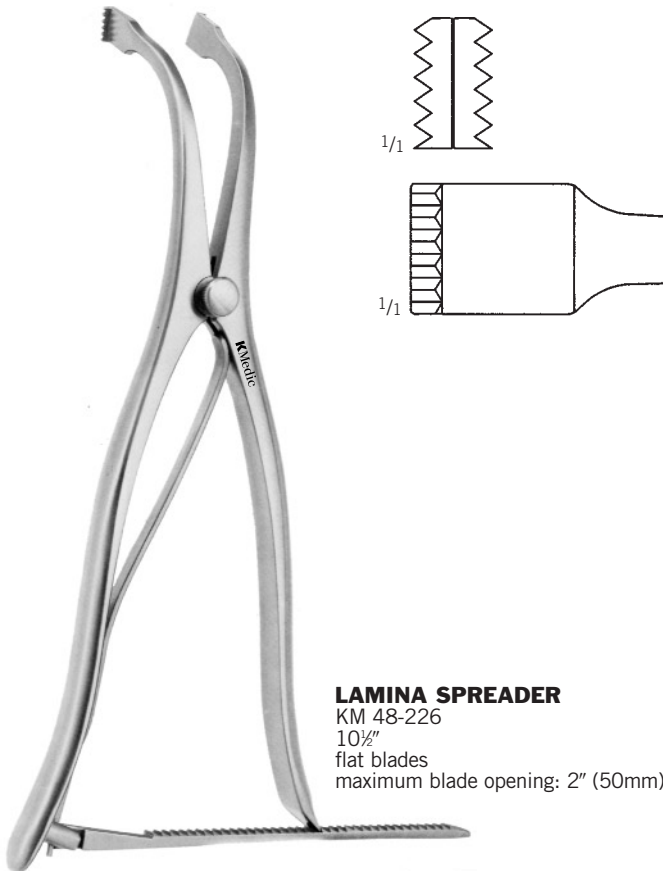
Note for KM 48-217: Originally designed as a Lamina Spreader. Also very useful in hand, foot and knee procedures. Available with or without teeth.



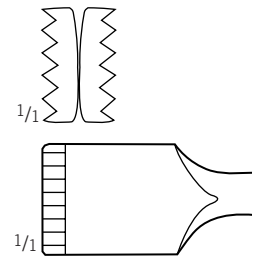
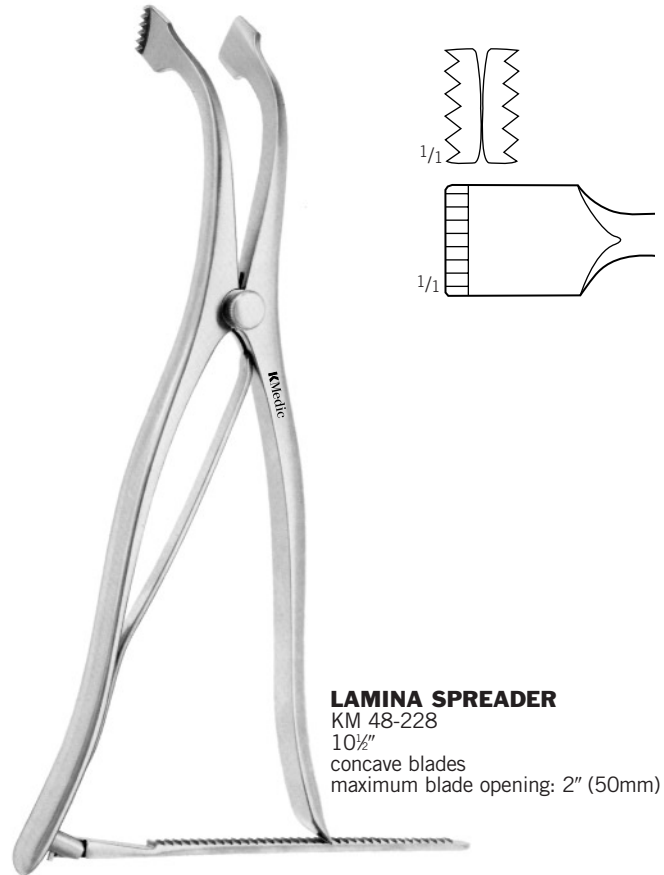
1/1
KM 48-230

INGE RETRACTOR

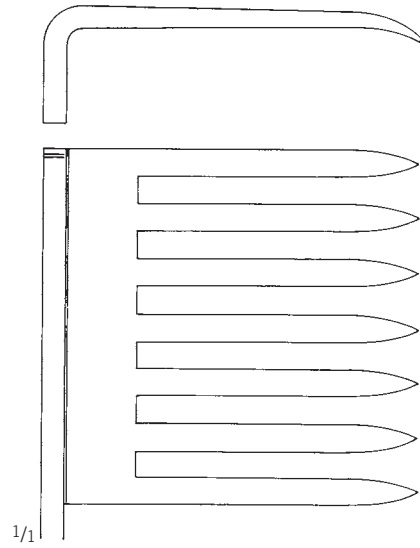
- KM 48-217 KM 48-230
- 6 1/2" with teeth 9 1/2" with teeth
- KM 48-218
- 6 1/2" without teeth



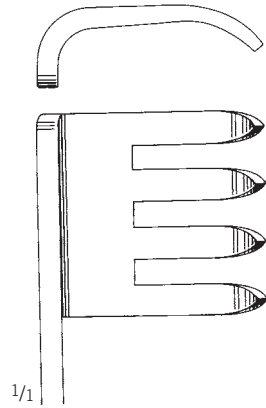
LAMINA SPREADER
KM 48-226
10 1/2"
flat blades
maximum blade opening: 2" (50mm)



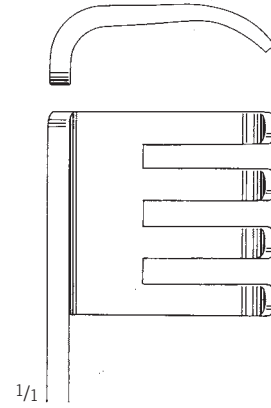
LAMINA SPREADER
KM 48-228
10 1/2"
concave blades
maximum blade opening: 2" (50mm)



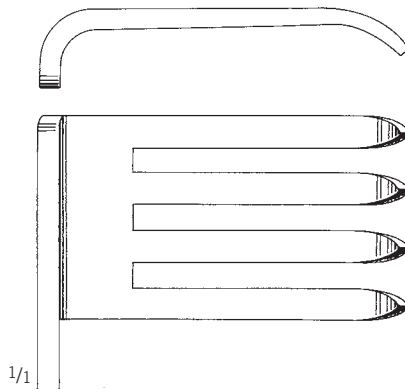
BECKMAN-EATON RETRACTOR
KM 52-476
12½"
hinged blades
7x7 sharp prongs
45mm depth x 45mm height
maximum opening: 6³/₁₆"



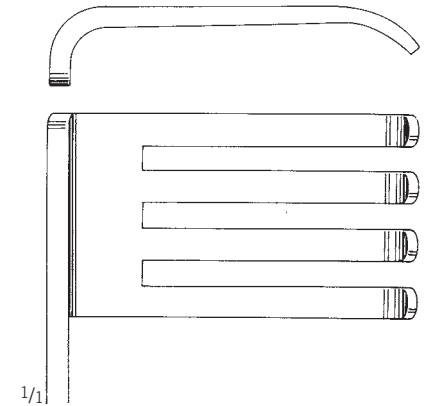
KM 52-490



KM 52-484



KM 52-486



KM 52-488

sharp
4x4 prongs
KM 52-490 25mm depth x 25mm height
KM 52-486 44mm depth x 25mm height
maximum opening: 5¹¹/₁₆"

blunt
4x4 prongs
KM 52-484 25mm depth x 25mm height
KM 52-488 44mm depth x 25mm height
maximum opening: 6"

BECKMAN-ADSON LAMINECTOMY RETRACTOR 12¹/₂" with hinged blades

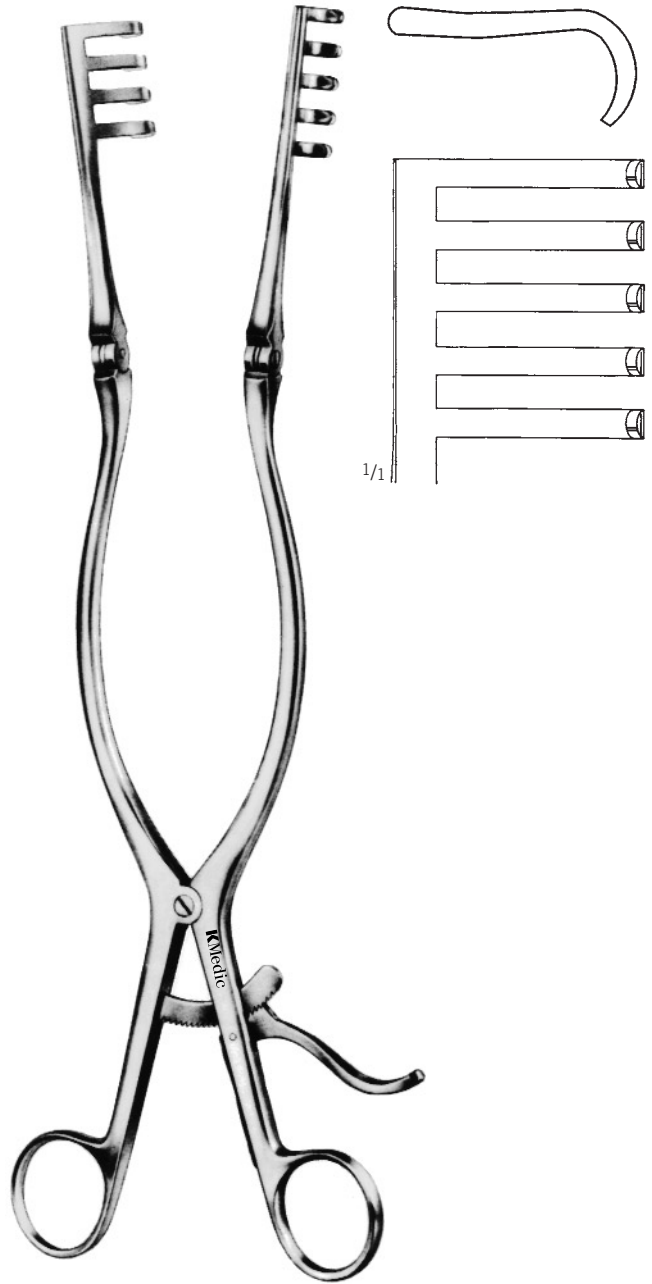
SELF-RETAINING RETRACTORS



1/1
KM 52-470

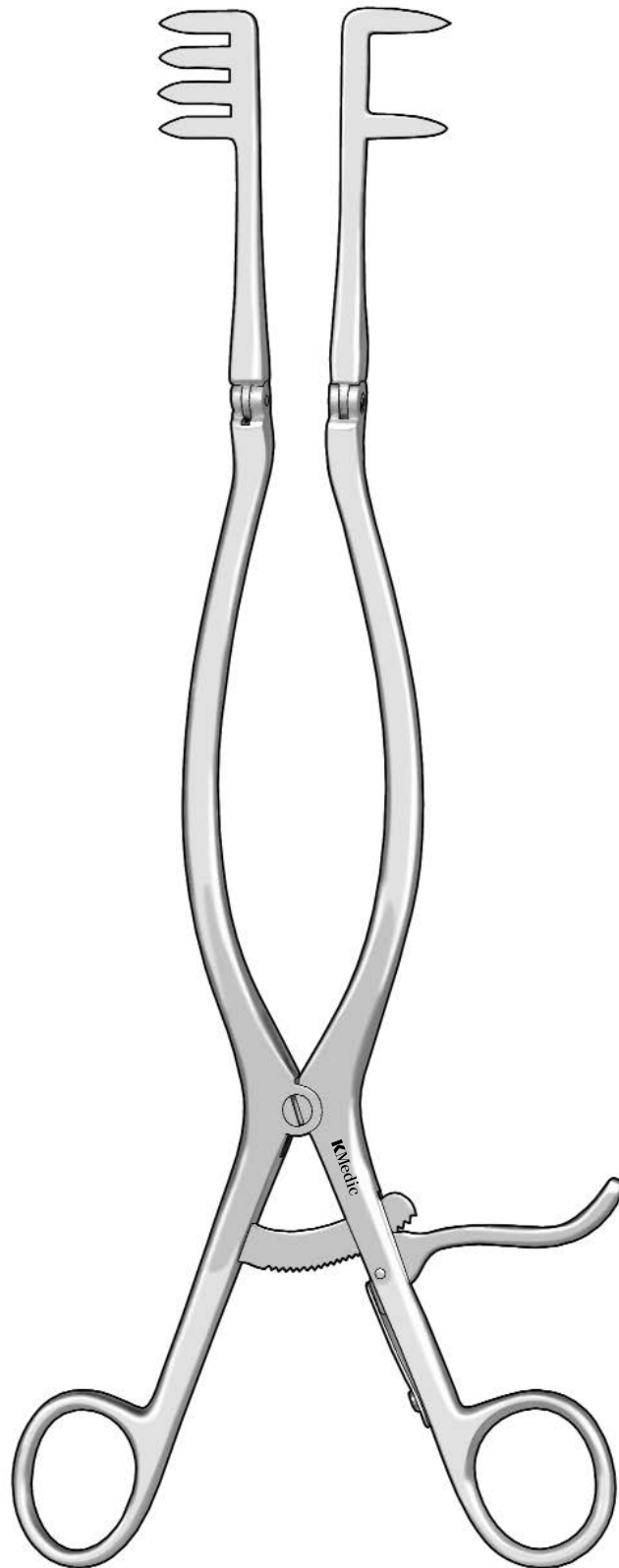
BECKMAN RETRACTOR
KM 52-470
12¼" with hinged blades
4x4 sharp prongs
17mm depth x 27mm height
maximum opening: 6⁷/₁₆"

KM 52-472
12¼" with hinged blades
4x4 blunt prongs
17mm depth x 27mm height
maximum opening: 6⁷/₁₆"



1/1

ADSON RETRACTOR
KM 52-474
12½" with hinged blades
4x5 blunt prongs
25mm depth x 37mm height
maximum opening: 6¹⁵/₁₆"



Primarily used to retract detached trochanter from the stump of the femoral neck. Hinged arms allow handles to be angled away from surgical site to minimize interference.

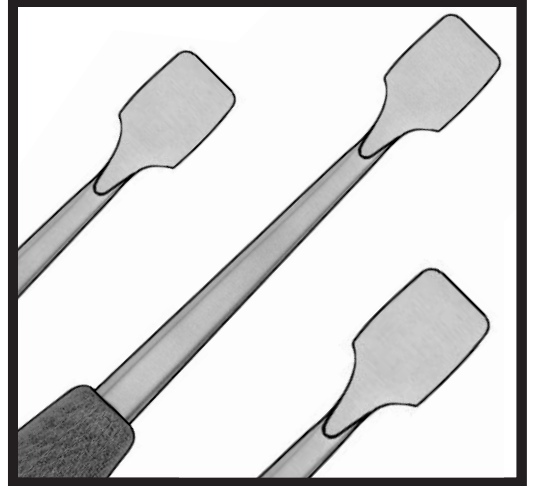
HORIZONTAL RETRACTOR

KM 52-602
12¹/₄" with hinged blades
4x2 sharp prongs
15mm depth x 25mm height
maximum opening: 6¹/₂"

KMedic[®]

SECTION C

ELEVATORS, AWLS AND BONE HOOKS



To elevate, dissect, scrape and apply traction to bone and soft tissue.

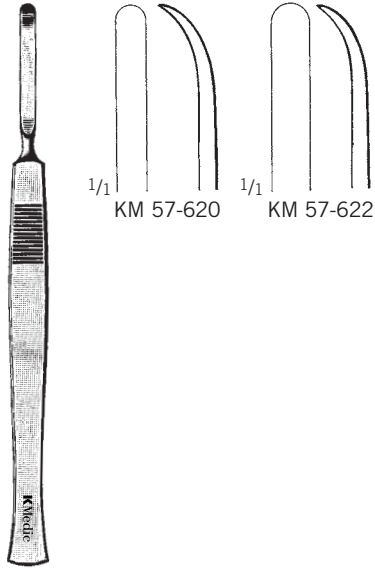
CONTENTS

Elevators	2
Probes	3
Bone Awls	16
Bone Hooks	18

All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

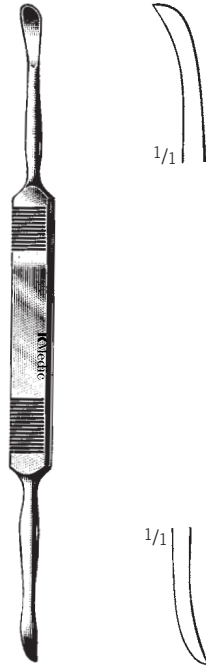
ELEVATORS

C
2



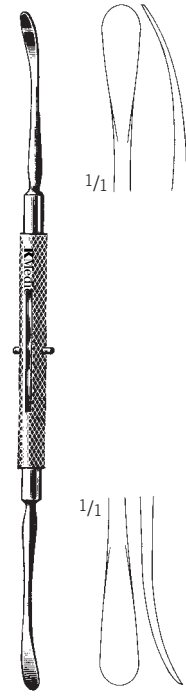
MCKENTY ELEVATOR

KM 57-620 KM 57-622
5½" semi-sharp 5½" semi-sharp
4mm 5mm



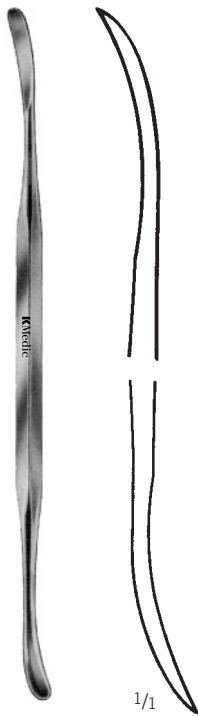
OHL ELEVATOR

KM 57-612
7" double ended
6mm semi-sharp end
and 5mm sharp end



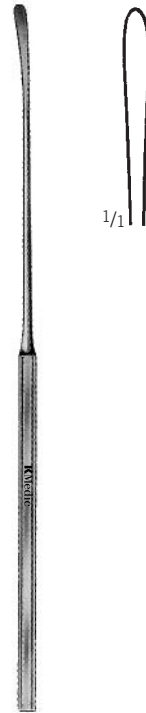
FREER ELEVATOR

KM 57-614
7½" double ended
5mm sharp end
and 5mm blunt end



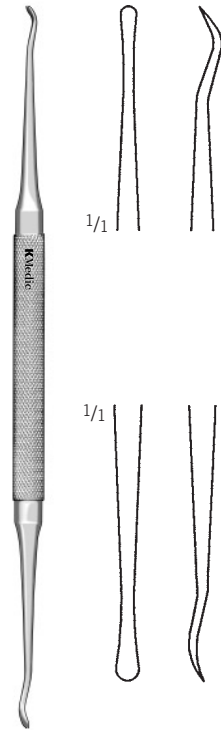
**ALLERDYCE ELEVATOR
AND DISSECTOR**

KM 57-616
7½" double ended
8mm semi-sharp end
and 8mm blunt end



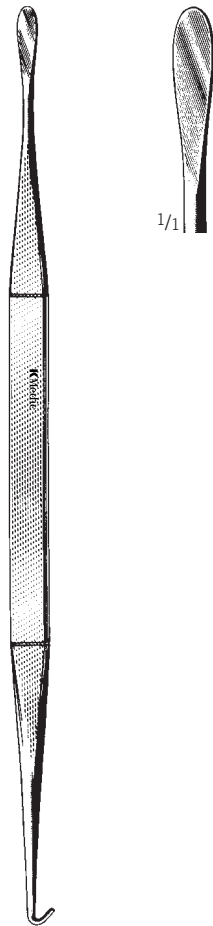
SACHS NERVE ELEVATOR

KM 57-618
7½"
3mm blunt



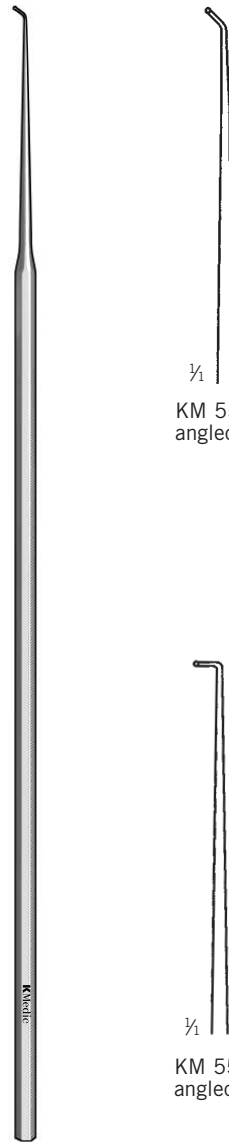
**KLEINERT KUTZ
ELEVATOR AND DISSECTOR**

KM 57-615
7¾"
2mm x 3mm sharp ends



1/1

SMITHWICK HOOK AND DISSECTOR
 KM 49-320
 12" double ended
 5mm semi-sharp end
 and 1x10mm blunt hook



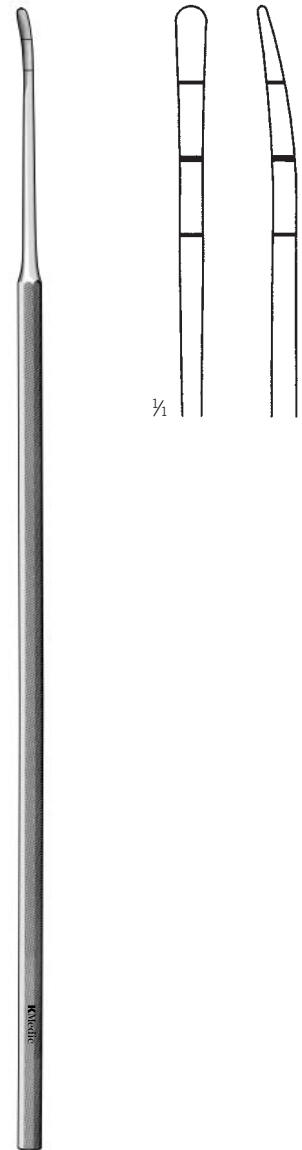
1/1

KM 55-662
 angled 45°

1/1

KM 55-664
 angled 90°

NERVE PROBE endoscopic
 15" with ball end and stainless steel handle
 3 1/2" tip and shaft length
 11 1/2" handle length
 .280" (7.1mm) shaft diameter



1/1

PENFIELD ELEVATOR endoscopic
 KM 55-654
 15" blunt with stainless steel handle
 .16" (4mm) tip width
 3 1/2" tip and shaft length
 11 1/2" handle length
 .280" (7.1mm) shaft diameter

ELEVATORS

C
4



PENFIELD ELEVATORS
KM 57-624
style #1
7" double ended



KM 57-626
style #2
7 3/4" double ended



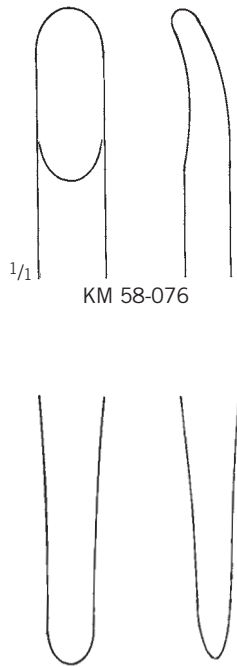
KM 57-628
style #3
7 3/4" double ended



KM 57-630
style #4
8" single ended

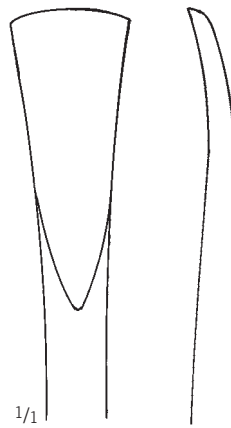


KM 57-632
style #5
7 1/2" double ended



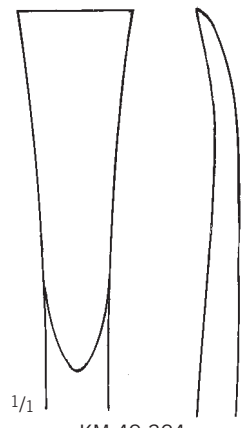
1/1
KM 58-076

SAYRE PERIOSTEAL ELEVATOR 6½"
KM 58-075 sharp, double ended 5mm end and 9mm end
KM 58-076 blunt, double ended 5mm end and 9mm end

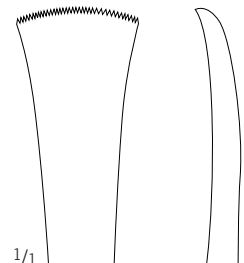


1/1
KM 49-322
15mm sharp curved edge

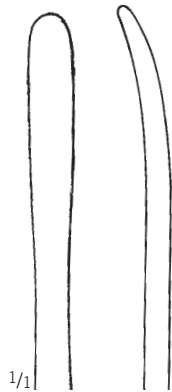
CUSHING PERIOSTEAL ELEVATOR 7½"



1/1
KM 49-324
15mm sharp straight edge

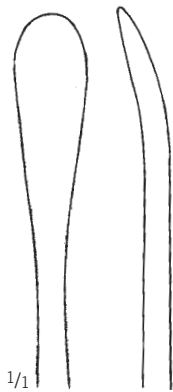


1/1
KM 49-326
15mm serrated curved edge



1/1
KM 46-208

LANE PERIOSTEAL ELEVATOR
KM 46-208 7¾" narrow 6mm blunt
KM 46-210 7¾" broad 10mm blunt

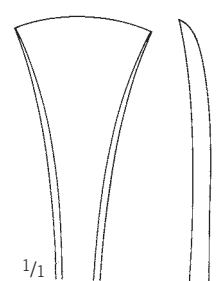


1/1
KM 46-210



1/1
KM 46-222

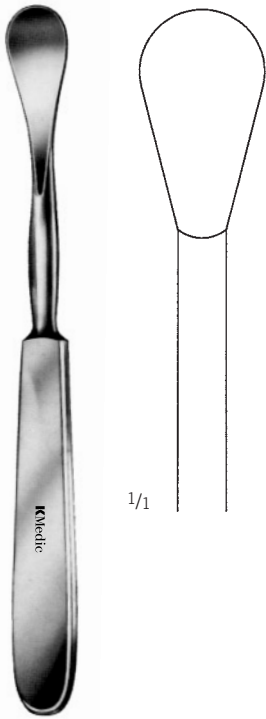
LANGENBECK PERIOSTEAL ELEVATOR 7¾"
KM 46-222 6mm narrow blunt edge
KM 46-224 17mm broad sharp edge



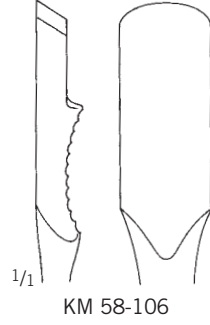
1/1
KM 46-224

ELEVATORS AND RASPATORIES

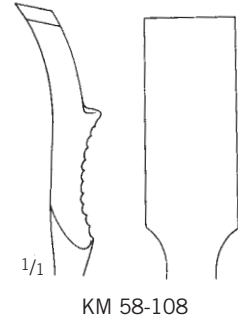
6 | **C**



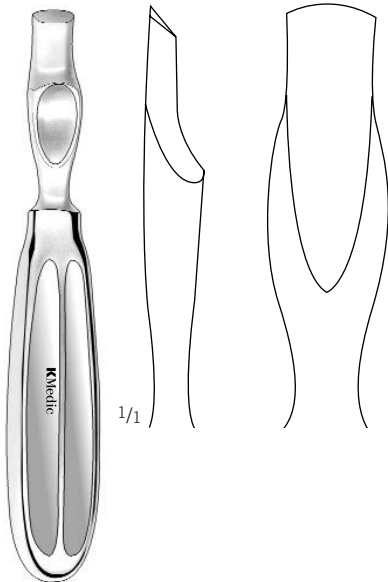
SEDILLOT PERIOSTEAL ELEVATOR
 KM 58-085
 7"
 16mm sharp



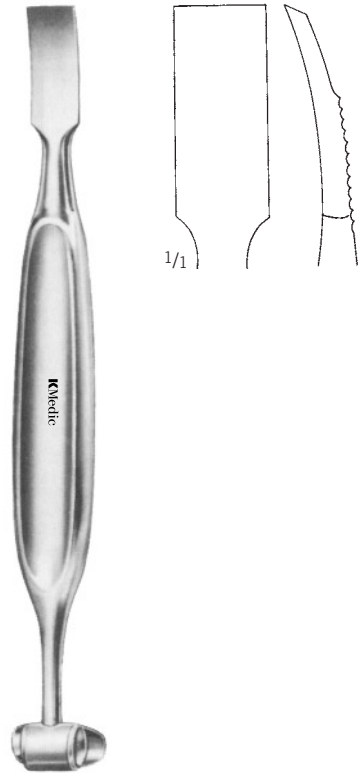
FARABEU PERIOSTEAL RASPATORY
 KM 58-106
 6" sharp
 13mm curved edge
 straight blade



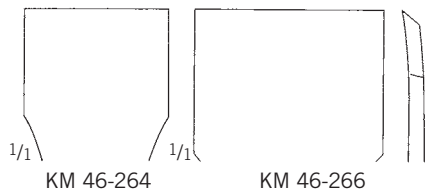
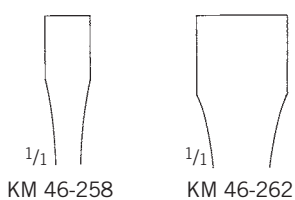
KM 58-108
 6" sharp
 13mm straight edge
 curved blade



KIRMISSION PERIOSTEAL RASPATORY
 KM 58-112
 6 3/4" sharp

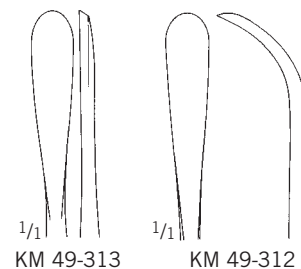
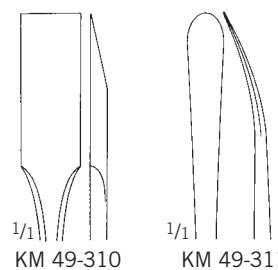


ALEXANDER PERIOSTEAL RASPATORY
 KM 58-110
 8"
 12mm sharp



KEY PERIOSTEAL ELEVATOR sharp edge

- KM 46-258 7" 1/4" width
- KM 46-260 7 1/2" 3/8" width
- KM 46-262 7 1/2" 1/2" width
- KM 46-264 8" 3/4" width
- KM 46-266 8 1/4" 1" width



ADSON PERIOSTEAL ELEVATOR 6 3/4"

- KM 49-310 sharp 7mm straight
- KM 49-311 blunt 7mm curved
- KM 49-313 semi-sharp 7mm straight
- KM 49-312 semi-sharp 7mm curved



Phenolic handles are autoclavable to 290° F (143° C).

PERIOSTEAL ELEVATOR

- KM 46-206
- 7 1/2" sharp
- 3mm straight edge
- curved blade
- phenolic handle

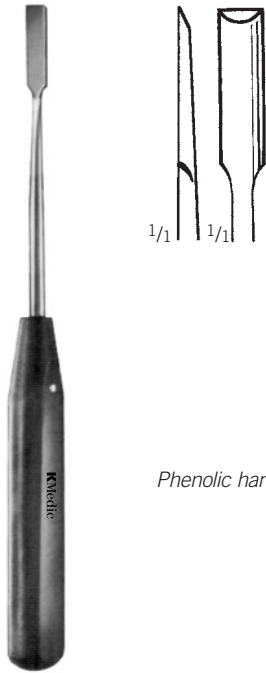


Phenolic handles are autoclavable to 290° F (143° C).

PERIOSTEAL ELEVATOR

- KM 46-207
- 7 1/2" sharp
- 6mm straight edge
- curved blade
- phenolic handle

ELEVATORS



Phenolic handles are autoclavable to 290° F (143° C).

PERIOSTEAL ELEVATOR

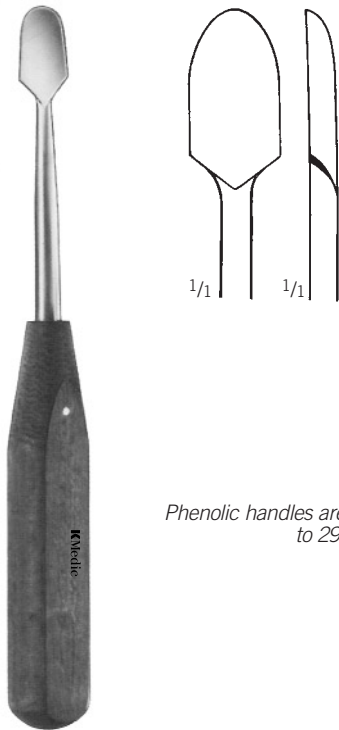
KM 46-211
 7 1/4" sharp
 6mm straight edge
 straight blade
 phenolic handle



Phenolic handles are autoclavable to 290° F (143° C).

PERIOSTEAL ELEVATOR

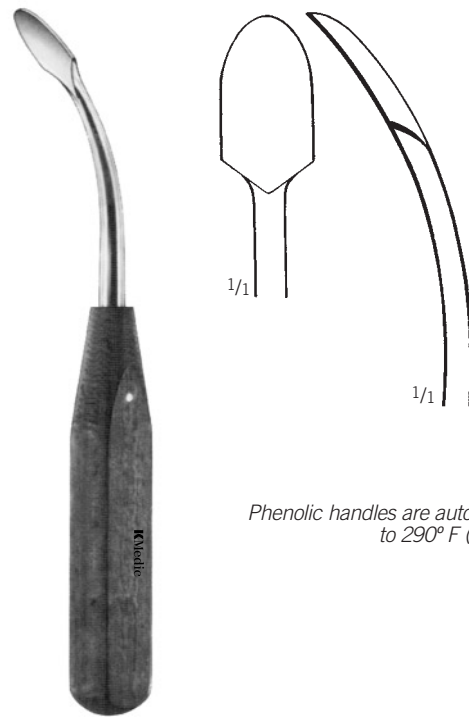
KM 46-212
 7 1/4" sharp
 6mm round edge
 curved blade
 phenolic handle



Phenolic handles are autoclavable to 290° F (143° C).

PERIOSTEAL ELEVATOR

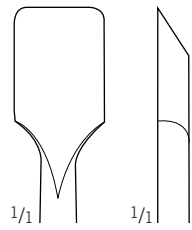
KM 46-213
 7 3/4" sharp
 14mm oval edge
 straight blade
 phenolic handle



Phenolic handles are autoclavable to 290° F (143° C).

PERIOSTEAL ELEVATOR

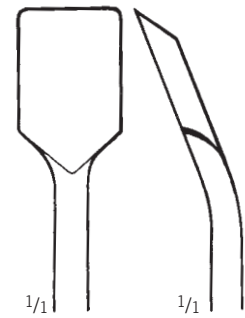
KM 46-214
 7 1/2" sharp
 14mm oval edge
 curved blade
 phenolic handle



Phenolic handles are autoclavable to 290° F (143° C).

PERIOSTEAL ELEVATOR

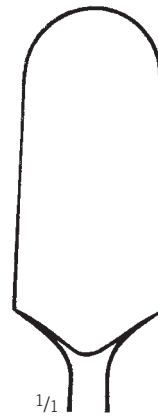
KM 46-215
7 1/4" sharp
13mm straight edge
straight blade
phenolic handle



Phenolic handles are autoclavable to 290° F (143° C).

PERIOSTEAL ELEVATOR

KM 46-216
7 1/4" sharp
13mm straight edge
curved blade
phenolic handle



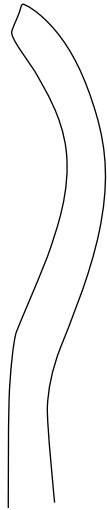
Phenolic handles are autoclavable to 290° F (143° C).

PERIOSTEAL ELEVATOR

KM 46-217
7 1/4" sharp
20mm round edge
straight blade
phenolic handle

ELEVATORS

C
10



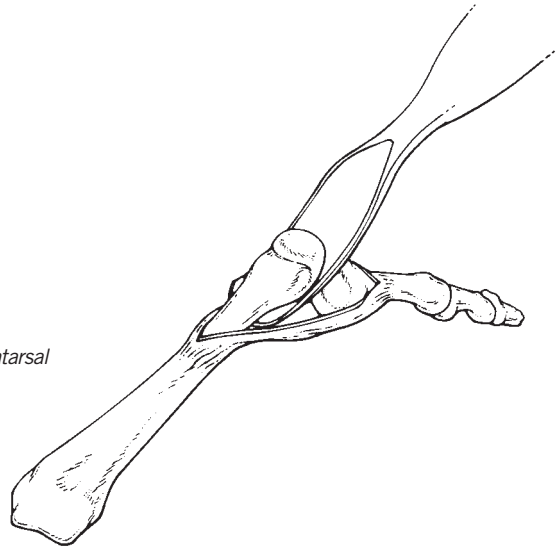
1/1
KM 69-760
6 1/2" sharp
11mm

1/1
KM 69-762
6 1/2" sharp
13mm

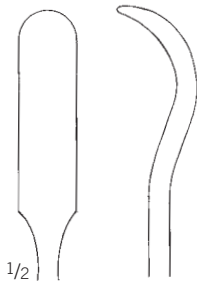
1/1
KM 69-764
6 1/2" sharp
15mm

1/1
KM 69-766
6 1/2" sharp
17mm

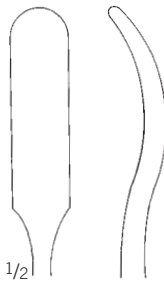
The McGlamry® Elevator is indispensable to deglove a metatarsal head. Also invaluable in numerous other procedures.



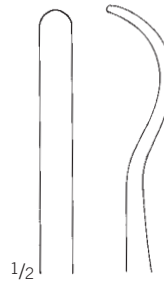
MCGLAMRY® METATARSAL ELEVATOR



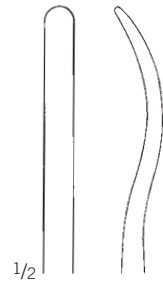
1/2
KM 46-244
7 1/2" blunt
full curved
width: 5/8" (15mm)



1/2
KM 46-245
7 1/2" blunt
slightly curved
width: 5/8" (15mm)

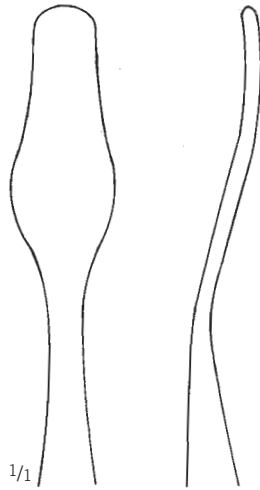


1/2
KM 46-246
7 3/4" blunt
full curved
width: 1/2" (7mm)

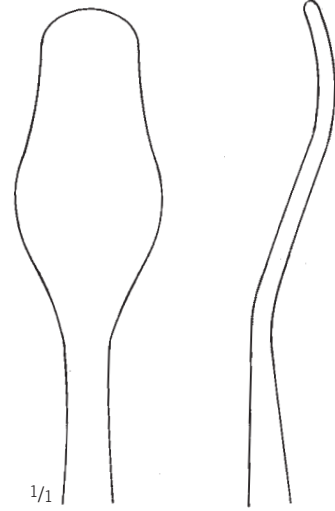


1/2
KM 46-248
8" blunt
slightly curved
width: 1/2" (7mm)

CREGO PERIOSTEAL ELEVATOR



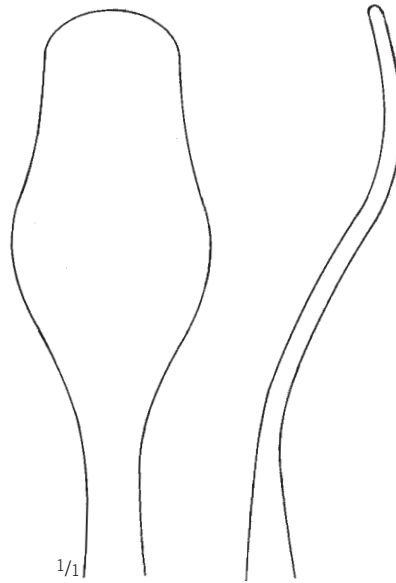
KM 46-250



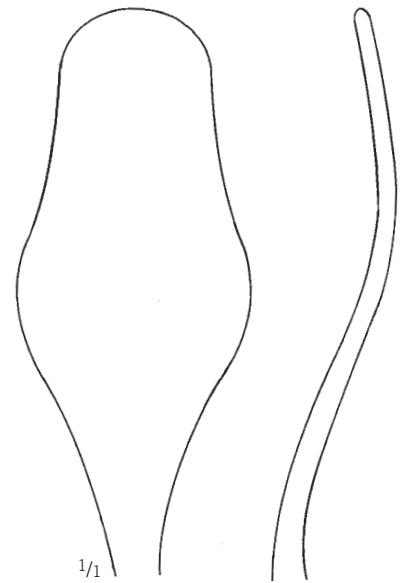
KM 46-252



CHANDLER ELEVATOR blunt



KM 46-254

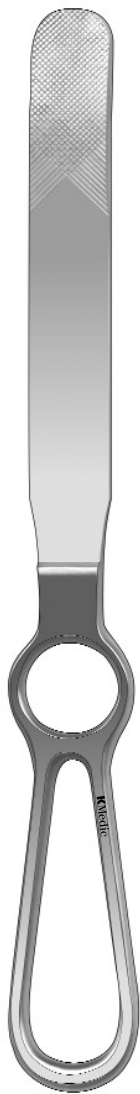


KM 46-256

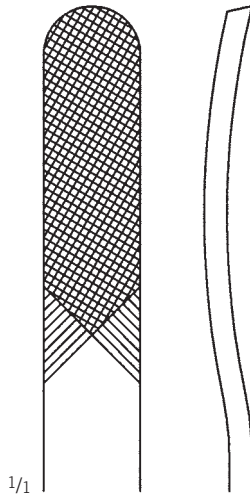
	width at tip	maximum width	overall length
KM 46-250	8mm	13mm	7½"
KM 46-252	12mm	19mm	8"
KM 46-254	17mm	25mm	9"
KM 46-256	19mm	30mm	10"

ELEVATORS

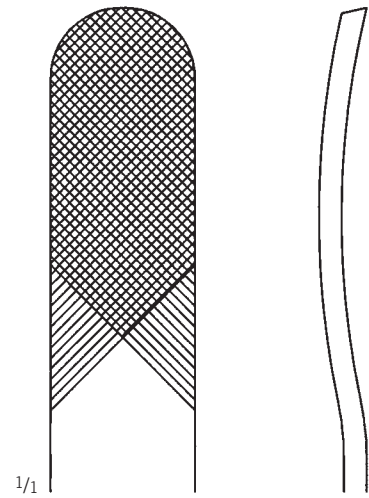
C
12



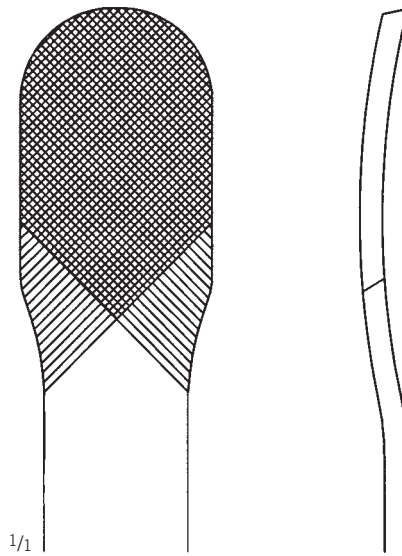
DARRACH ELEVATOR blunt



KM 46-902



KM 46-903



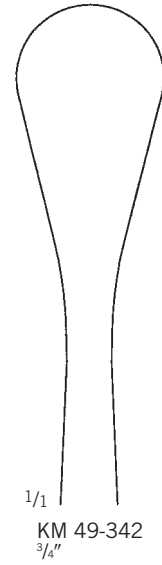
KM 46-904

Useful in shoulder surgery. Blunt tips with serrations can be used to elevate, or retract soft tissue and muscle from the operative site.

	width at tip	overall length	
KM 46-902	1/2"	10 1/4"	small
KM 46-903	3/4"	10 1/4"	medium
KM 46-904	1"	13 3/4"	large



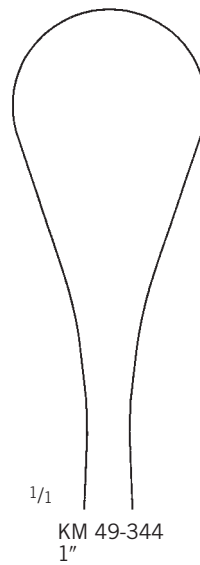
1/1
KM 49-340
1/2"



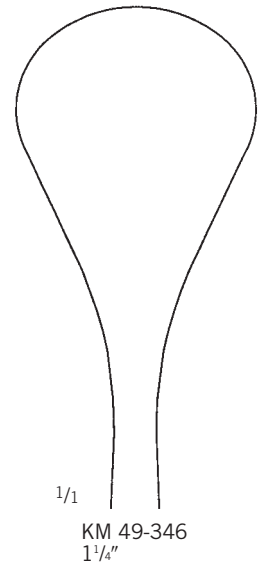
1/1
KM 49-342
3/4"



COBB SPINAL ELEVATOR 9 1/2" sharp
with hexagonal handle
all stainless steel



1/1
KM 49-344
1"



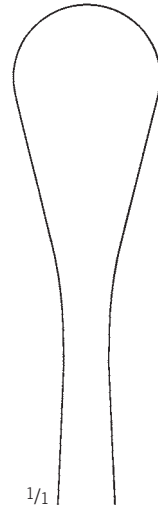
1/1
KM 49-346
1 1/4"



1/1
KM 46-413S
3/8"
all stainless steel



1/1
KM 46-414S
1/2"
all stainless steel



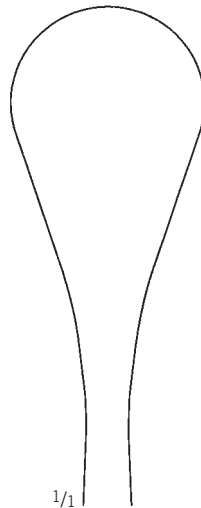
1/1
KM 46-416S
3/8"
all stainless steel



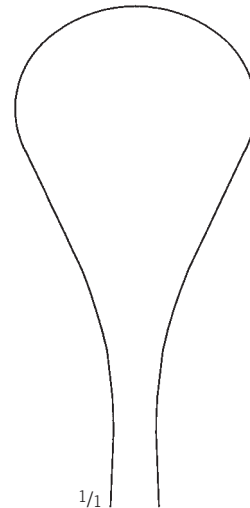
KM 46-413
3/8"
aluminum handle

KM 46-414
1/2"
aluminum handle

KM 46-416
3/8"
aluminum handle



1/1
KM 46-418S
1"
all stainless steel



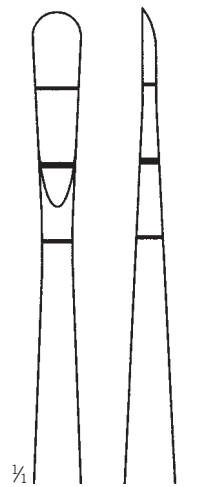
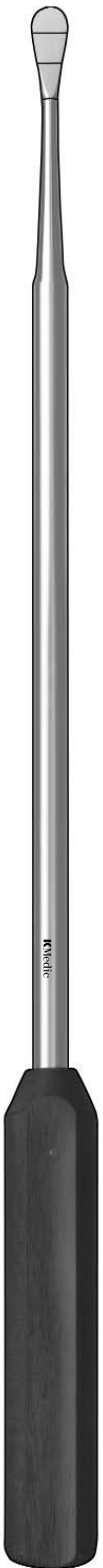
1/1
KM 46-420S
1 1/4"
all stainless steel

KM 46-418
1"
aluminum handle

KM 46-420
1 1/4"
aluminum handle

COBB SPINAL ELEVATOR 11" sharp
all stainless steel
Also available with stainless steel working
end and aluminum handle.

*SmartRack® for 11" Cobb Elevators
shown on page T3 (KM 98-170).*



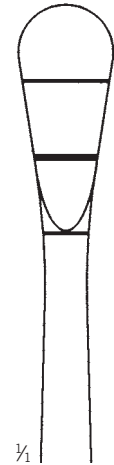
1/2
KM 55-620
17" sharp
1/4" (6mm) tip width
2.7" tip length
9.3" shaft length
5" handle length
.285" (7.2mm) shaft diameter



1/2
KM 55-610
20" sharp
1/4" (6mm) tip width
3 1/2" tip length
10" shaft length
6 1/2" handle length
.45" (11.5mm) shaft diameter



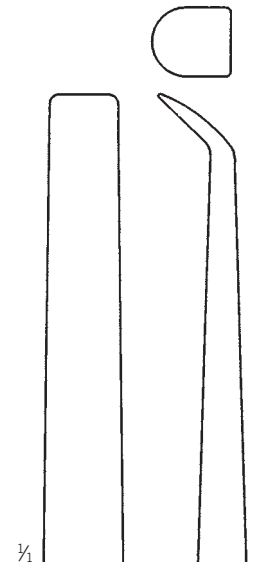
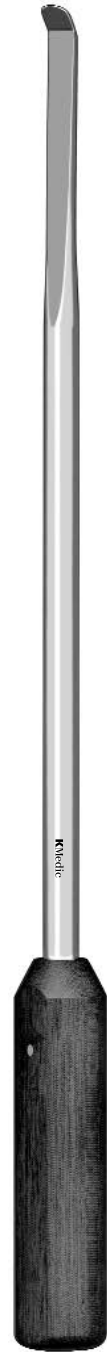
1/2
KM 55-612
20" sharp
3/8" (10mm) tip width
3 1/2" tip length
10" shaft length
6 1/2" handle length
.45" (11.5mm) shaft diameter



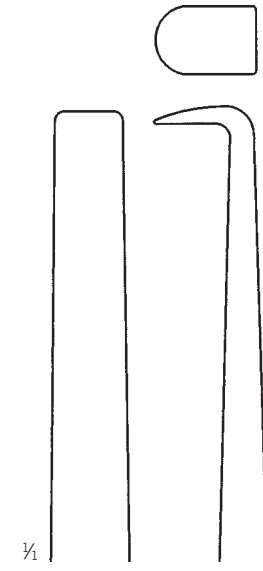
1/2
KM 55-614
20" sharp
.490" (13mm) tip width
3 1/2" tip length
10" shaft length
6 1/2" handle length
.45" (11.5mm) shaft diameter

COBB ELEVATOR endoscopic
with phenolic handle

Phenolic handles
are autoclavable
to 290°F (143°C)



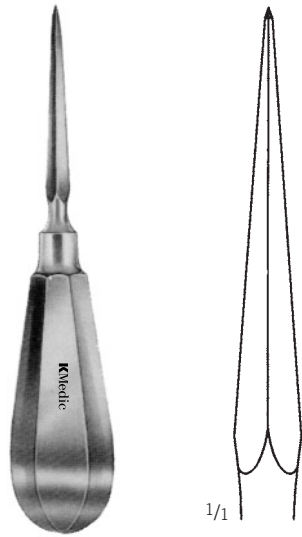
1/2
KM 55-640
angled 45°



1/2
KM 55-644
angled 90°

RIB ELEVATOR endoscopic
17" sharp with phenolic handle
9mm radius tip
4" tip length
8" shaft length
5" handle length
.45" (11.5mm) shaft diameter

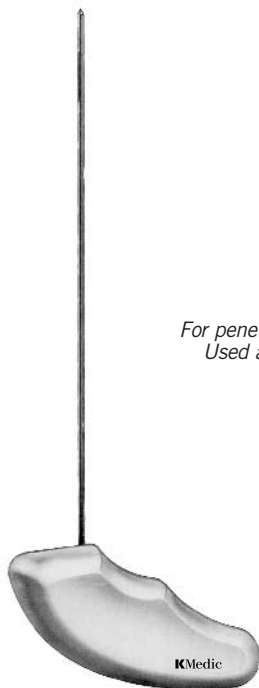
BONE AWLS



BONE AWL
KM 48-336
6 1/4"
square taper



PERTHES BONE AWL
KM 48-337
8 3/4"



*For penetrating cortex of bone.
Used as grooved director for
insertion of pins.*

RUSH AWL AND REAMER
KM 48-338 7 1/2" working end 2.5mm diameter
KM 48-339 8 3/4" working end 3mm diameter
KM 48-340 8 3/2" working end 5mm diameter
KM 48-341 10 1/2" working end 6mm diameter



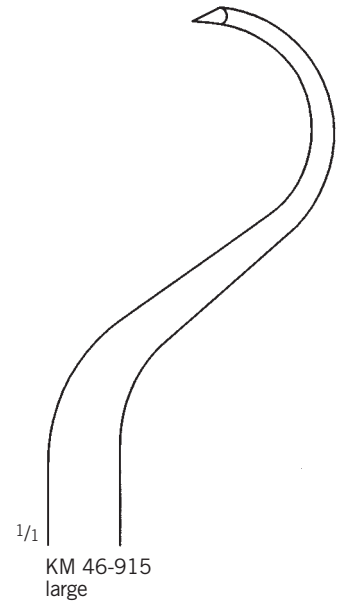
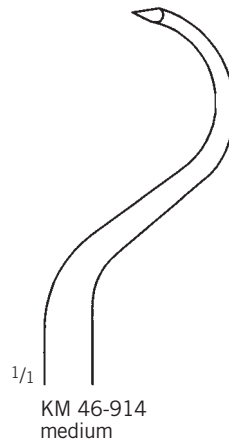
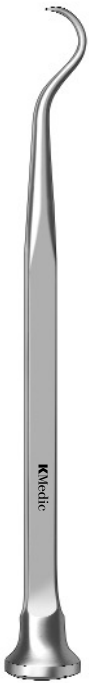
KUNTSCHER DIAMOND POINTED AWL
KM 48-303
11" with handle



Phenolic handles are autoclavable to 290°F (143°C)

SHOULDER PENETRATING AWL

KM 46-916
9 1/4" (235mm)
phenolic handle

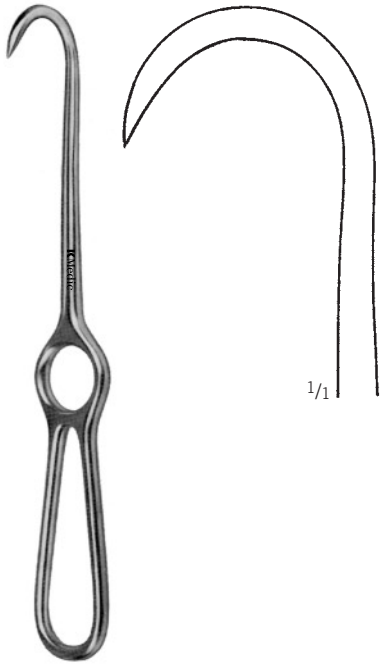


SHOULDER PERCUSSION AWL

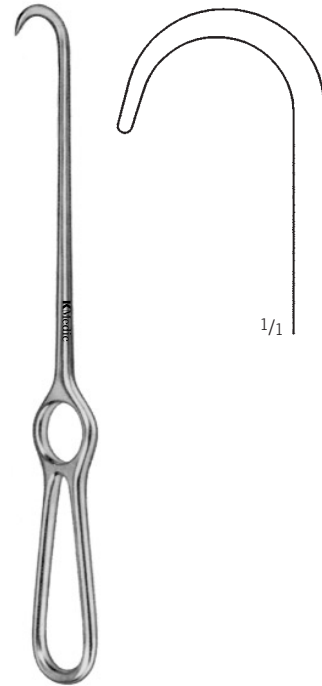
8 1/2" (220mm)

BONE HOOKS

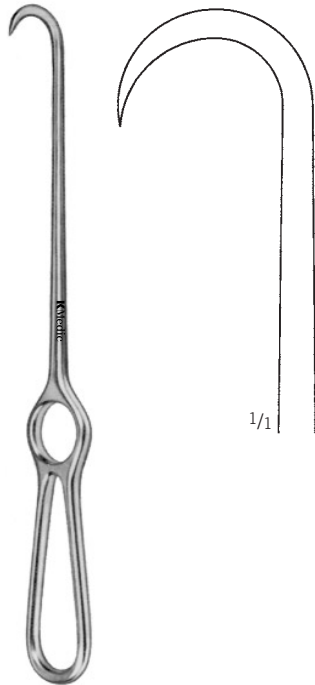
C
18



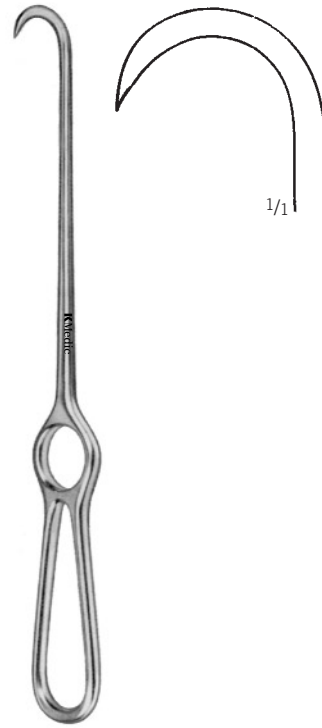
VOLKMAN BONE HOOK
KM 48-334
8" sharp
19mm height x 27mm depth



VOLKMAN BONE HOOK
KM 48-333
9" blunt
15mm height x 20mm depth



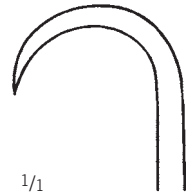
VOLKMAN BONE HOOK
KM 48-331
9" sharp
15mm height x 20mm depth



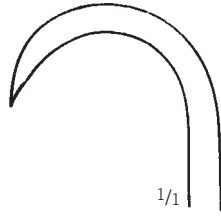
VOLKMAN BONE HOOK
KM 48-335
9 3/4" sharp
15mm height x 20mm depth



^{1/1}
KM 48-342



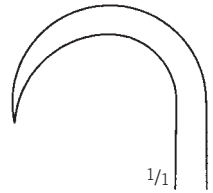
^{1/1}
KM 48-343



^{1/1}
KM 48-344

- KM 48-342
small
6mm height x 10mm depth
- KM 48-343
medium
11mm height x 18mm depth
- KM 48-344
large
12mm height x 21mm depth

BONE HOOK 9" sharp with grip handle



^{1/1}

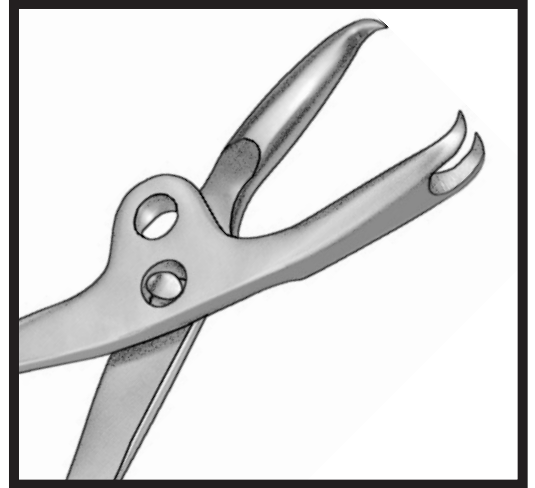
BONE HOOK
KM 48-332
7" sharp with T-handle
large, for femurs
18mm height x 21mm depth

NOTES

KMedic[®]

SECTION D

BONE HOLDING INSTRUMENTS



To hold, stabilize, rotate, reduce and compress bone.

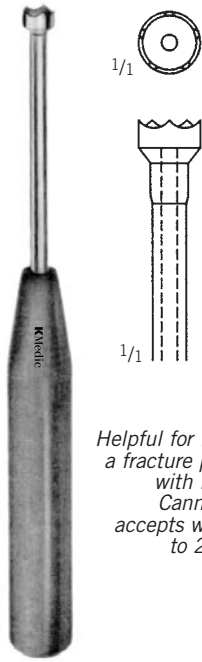
CONTENTS

Bone Holding Forceps 2-19

All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

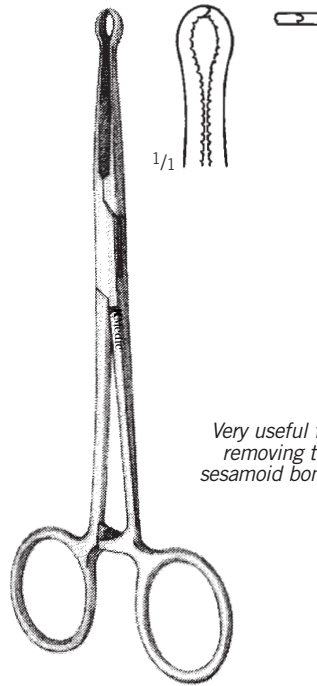
BONE HOLDING INSTRUMENTS

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2



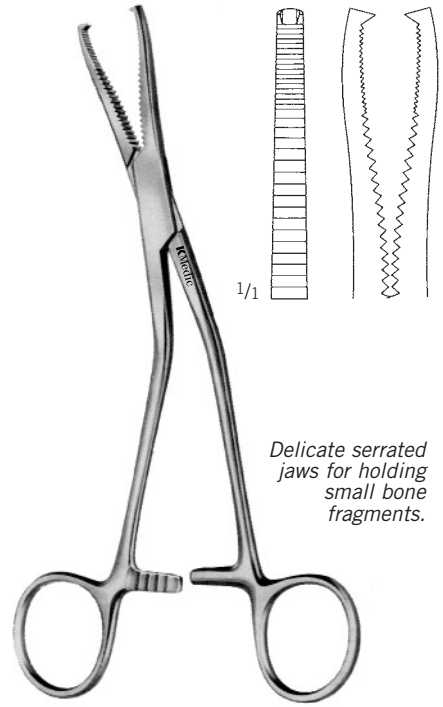
Helpful for fixating a fracture particle with K-Wire. Cannulation accepts wires up to 2.0mm.

CROWN FIXATOR
KM 49-910
6½" cannulated



Very useful for removing the sesamoid bone.

LOCKE PHALANGEAL FORCEPS
KM 69-787
6", 1x2 teeth serrated jaws

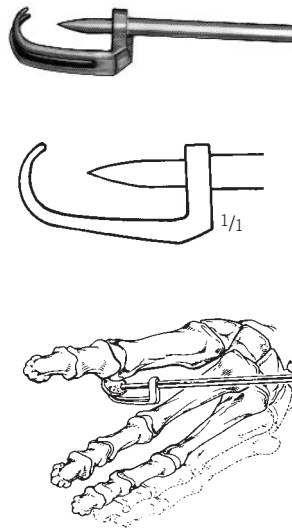


Delicate serrated jaws for holding small bone fragments.

DINGMAN CARTILAGE AND BONE CLAMP
KM 46-804
7½" angular
2x2 sharp teeth serrated jaws



SESAMOIDECTOMY CLAMP
KM 69-795
6½" slightly curved



- Designed to grasp and hold a sesamoid while dissecting it free.
- The sesamoid is first exposed within the capsule, then the two-pronged tip is hooked beneath the sesamoid. The plunger is then seated in the bone to secure it for manipulation and dissection.



Please request our Foot and Ankle Sourcebook™ for our complete selection of foot and ankle instruments.

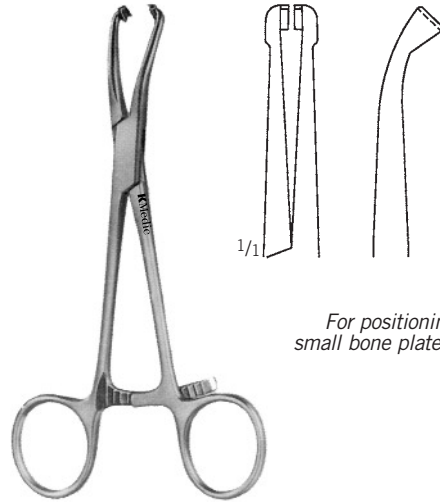
VOGEN SESAMOID CLAMP
KM 69-827
4" shaft



*For positioning
mini bone plates.*

PLATE AND BONE HOLDING FORCEPS

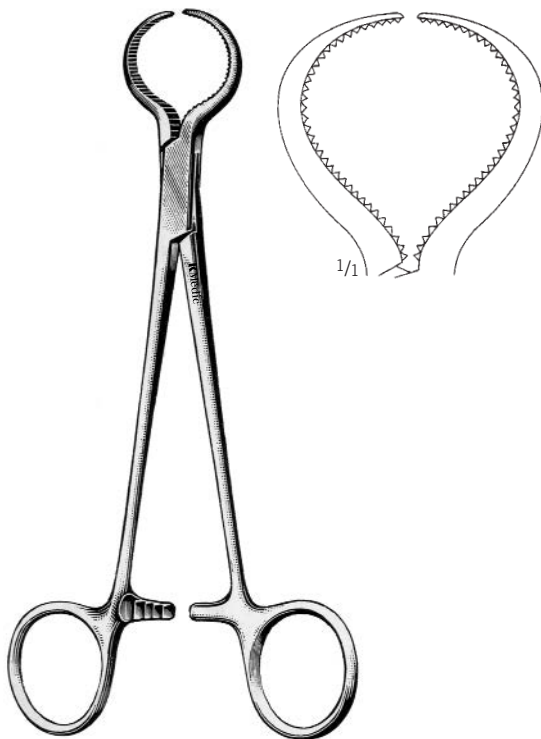
KM 47-139
4 3/4"
one pointed tip
and foot plate



*For positioning
small bone plates.*

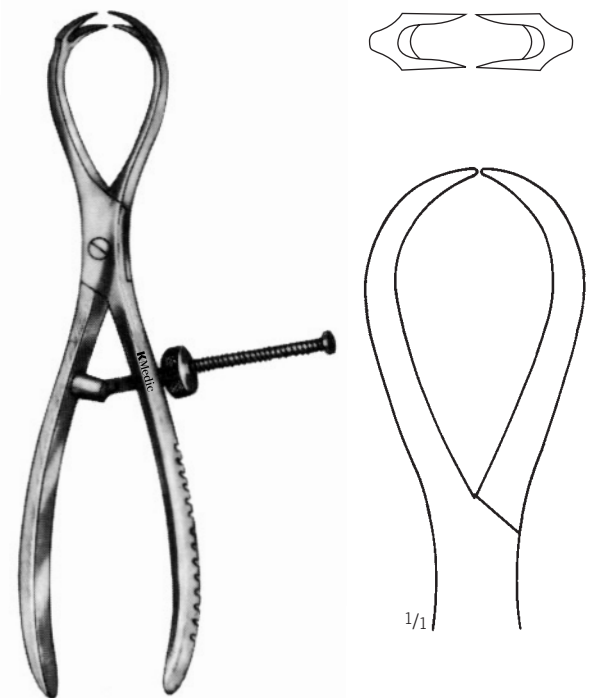
PLATE AND BONE HOLDING FORCEPS

KM 47-138
4 3/4"
curved



LEWIN BONE FORCEPS

KM 47-130
7" serrated
slightly curved



PATELLA FORCEPS

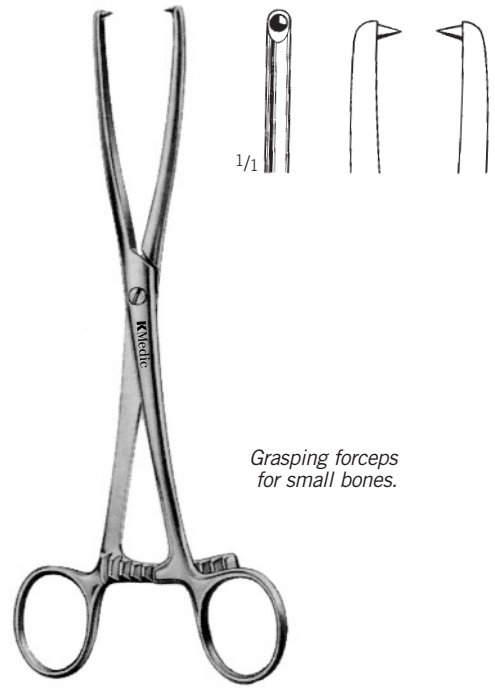
KM 47-012
7" with speed lock
2x2 sharp teeth

BONE HOLDING INSTRUMENTS

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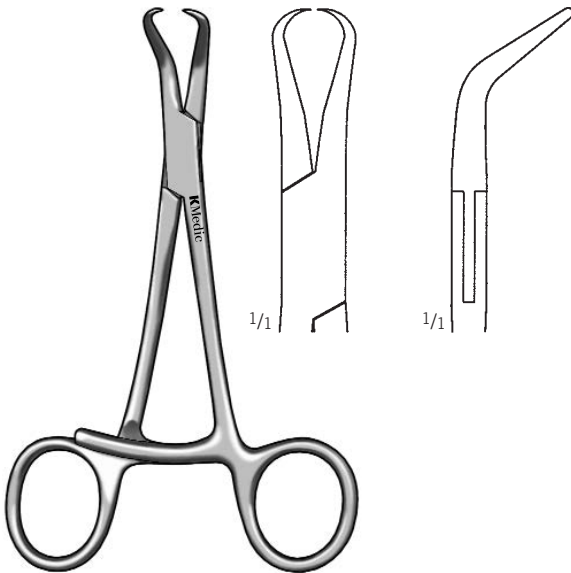


FIBULA FORCEPS
KM 47-170
8½" with speed lock
angular tip

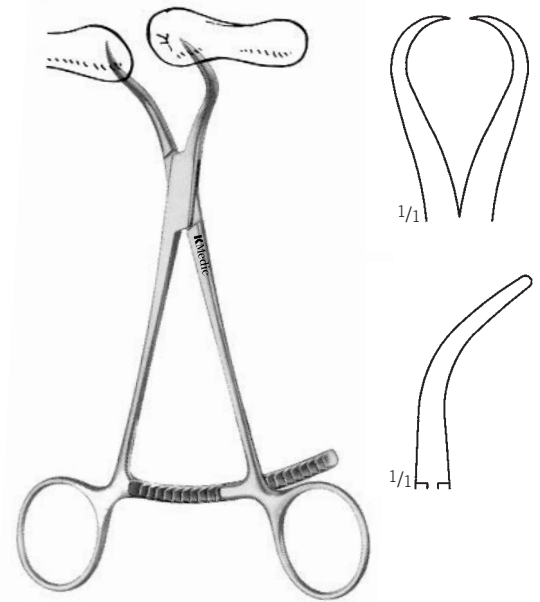


*Grasping forceps
for small bones.*

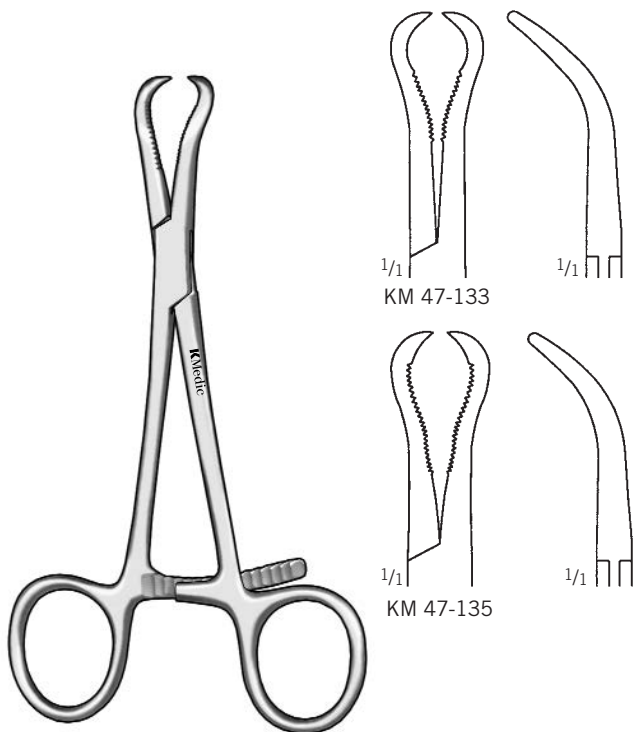
MALLEOLLAR FORCEPS
KM 47-010
8¼"
1x1 sharp points



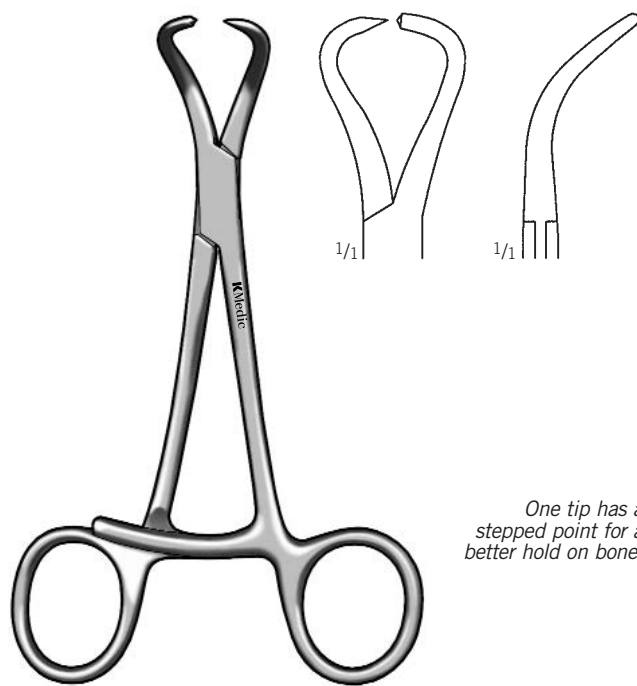
**STAGBEETLE BONE
REDUCTION FORCEPS**
KM 47-119
4¾" curved
pointed tips



BONE REDUCTION FORCEPS
KM 45-300
5" curved
pointed tips

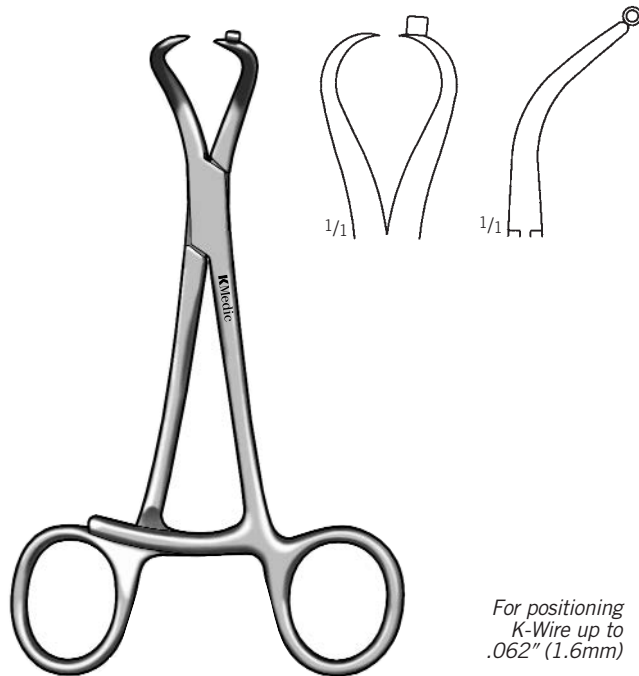


BONE REDUCTION FORCEPS
serrated with pointed tips
KM 47-133 KM 47-135
5" curved 5½" curved



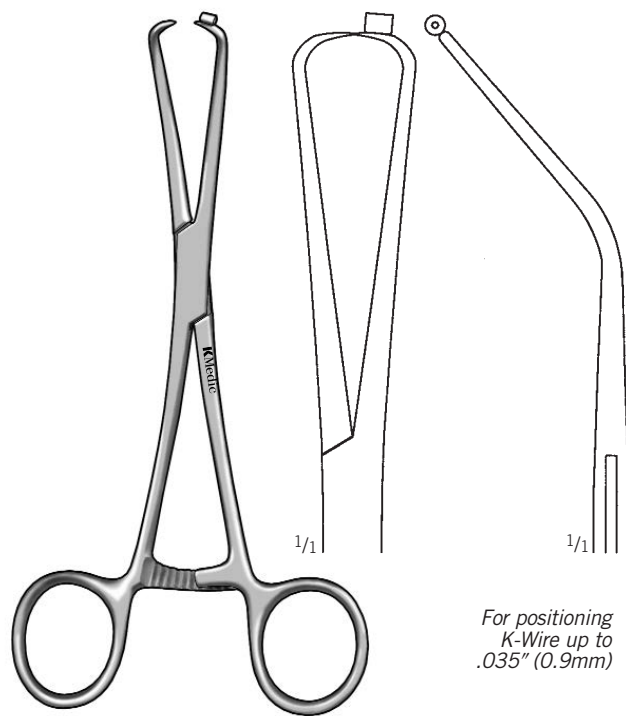
BONE REDUCTION FORCEPS
KM 47-137 KM 47-136
5¼" curved 6¾" curved

One tip has a stepped point for a better hold on bone.



BONE HOLDING FORCEPS
KM 45-304
5¼" curved
with 1.6mm K-Wire guide

For positioning K-Wire up to .062" (1.6mm)

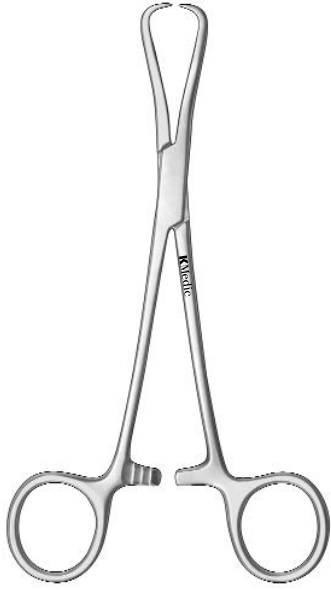


BONE HOLDING FORCEPS
KM 45-302
6¾" curved
with 0.9mm K-Wire guide

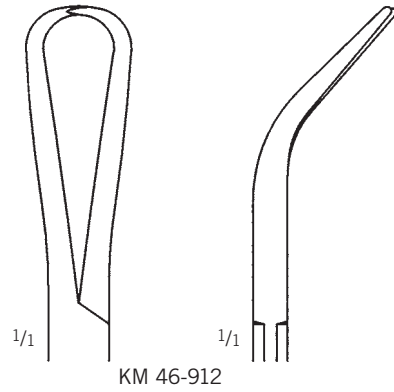
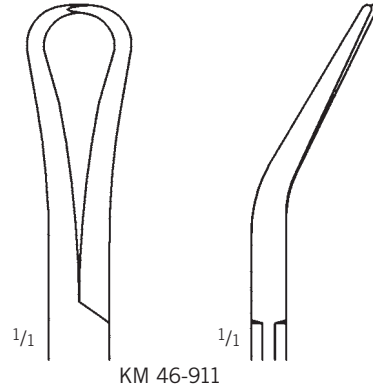
For positioning K-Wire up to .035" (0.9mm)

BONE HOLDING INSTRUMENTS

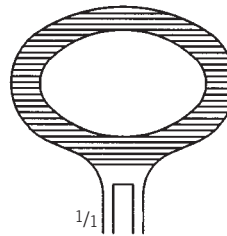
D
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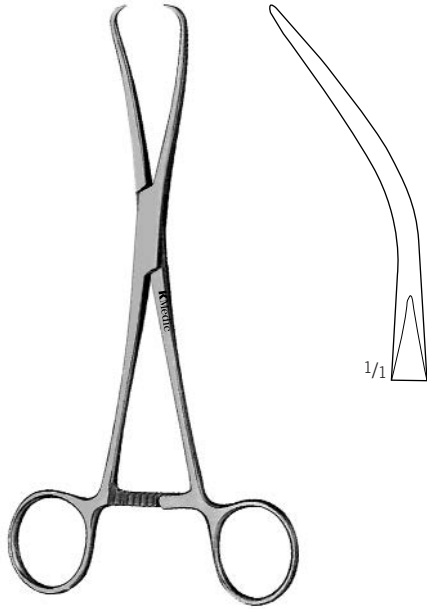


GLENOID PERFORATING FORCEPS 6½" (170mm)
 KM 46-911 KM 46-912
 slightly curved strongly curved
 pointed tips pointed tips

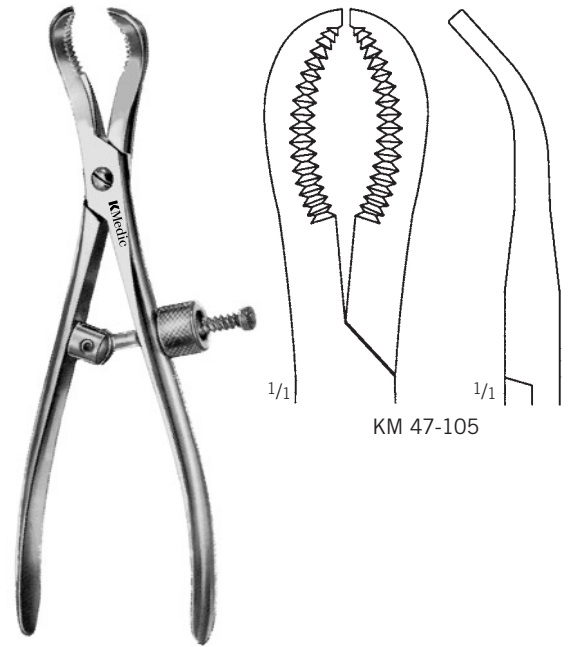


BONE HOLDING FORCEPS with fenestration
 KM 47-129
 6" angular
 inside fenestration: 22mm x 14mm
 outside fenestration: 30mm x 20mm
 ratchet length: 3"

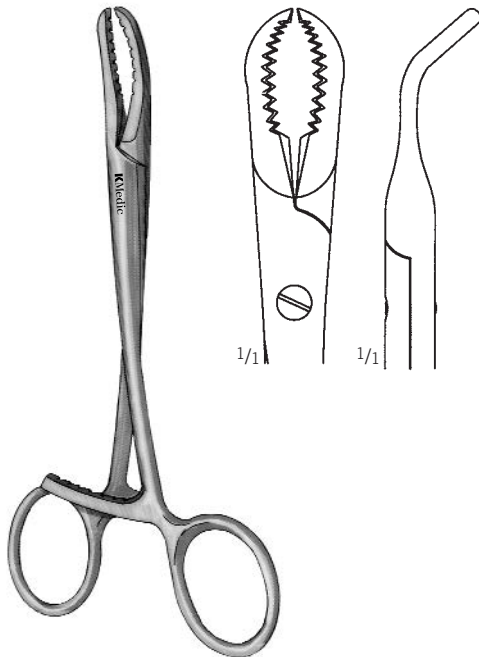




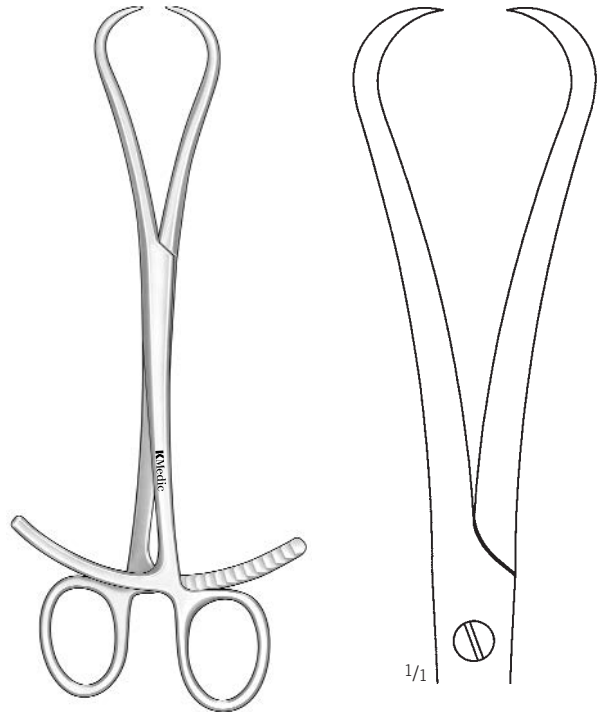
REILL BONE REDUCTION FORCEPS
KM 47-132
7" curved
pointed tips



BONE REDUCTION FORCEPS with speed lock
KM 47-105 KM 47-107
7" curved 9" curved



BONE REDUCTION FORCEPS
KM 47-128
5½" small
curved
ratchet length: 1½"

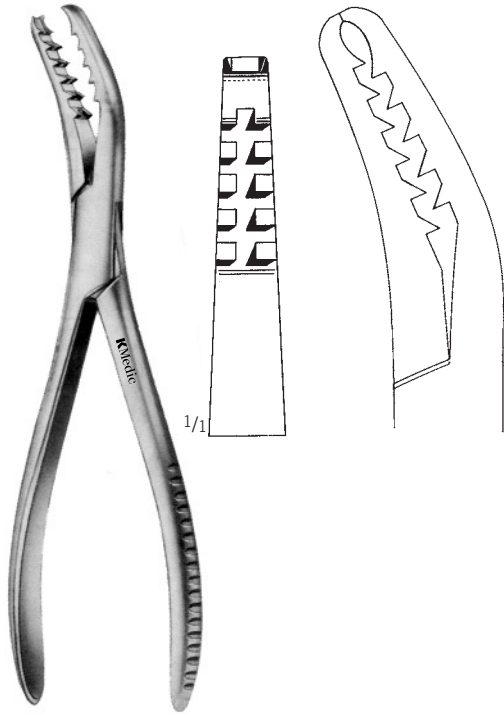


BONE REDUCTION FORCEPS
KM 47-134
8"
ratchet length: 2"
opens to 4"

With ratchet completely engaged, the jaw opening is 9mm wide.

BONE HOLDING INSTRUMENTS

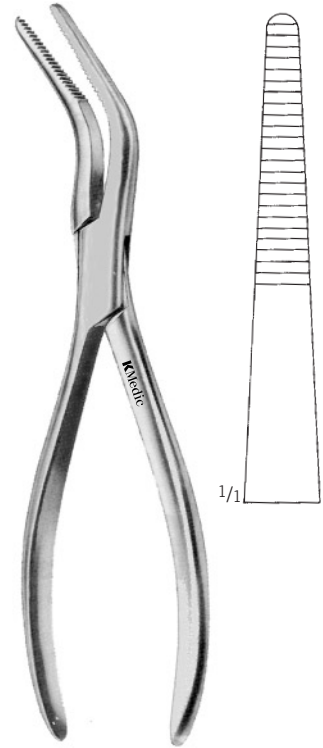
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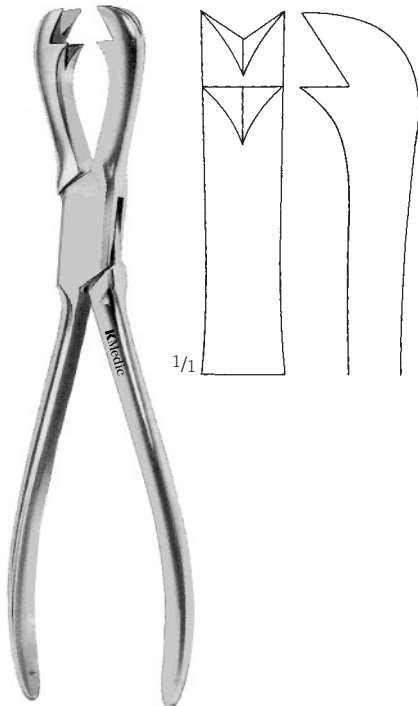
SEMB BONE HOLDING FORCEPS
 KM 47-074
 7½" curved sideways
 deep teeth
 without ratchet



KM 47-076
 8" curved sideways
 deep teeth
 with ratchet



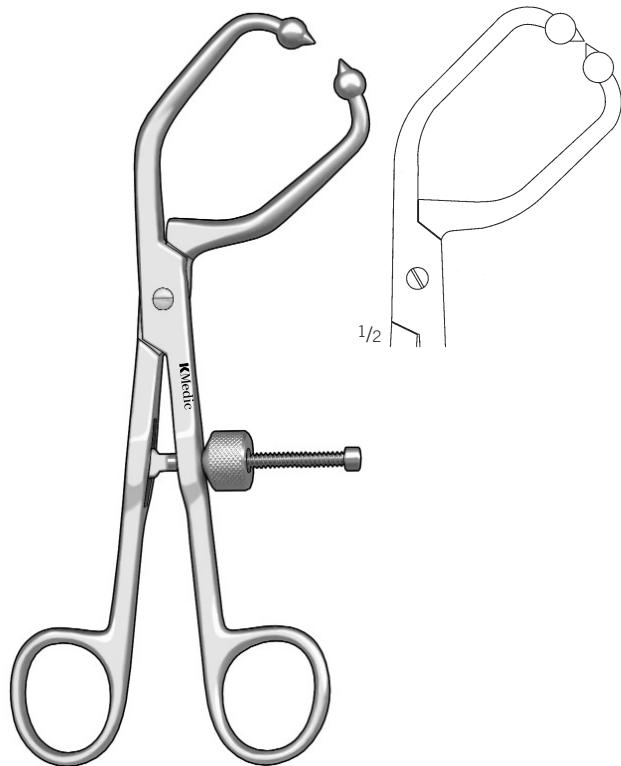
VAN BUREN SEQUESTRUM FORCEPS
 KM 47-072
 9" curved sideways
 serrated



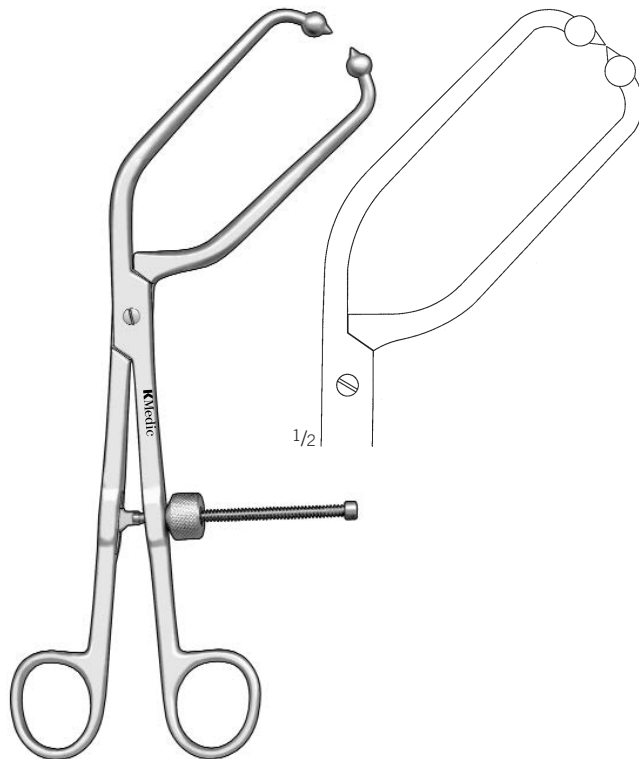
FERGUSON BONE HOLDING FORCEPS
 KM 47-198
 8¼"
 deep teeth



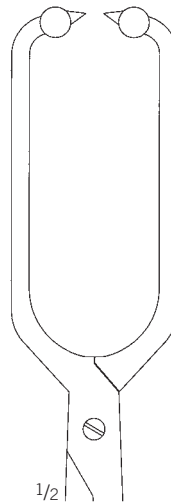
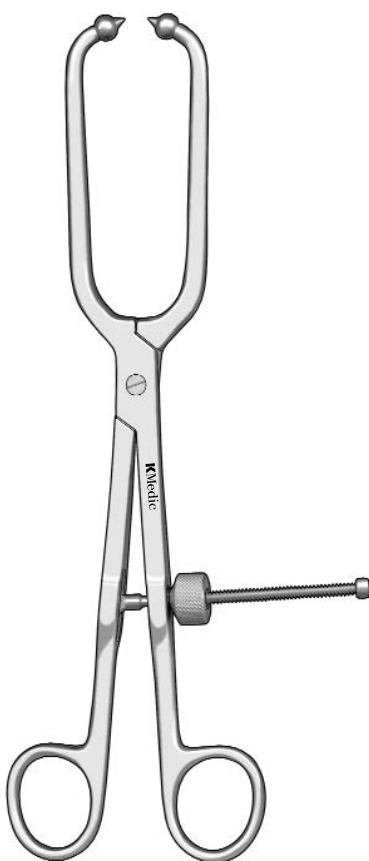
LANGENBECK BONE HOLDING FORCEPS
 KM 47-200
 8¼"
 2x2 teeth



PELVIC REDUCTION FORCEPS short tips
 KM 45-312
 7³/₈" angular
 short pointed-ball tip



PELVIC REDUCTION FORCEPS long tips
 KM 45-314
 9⁵/₈" angular
 long pointed-ball tips



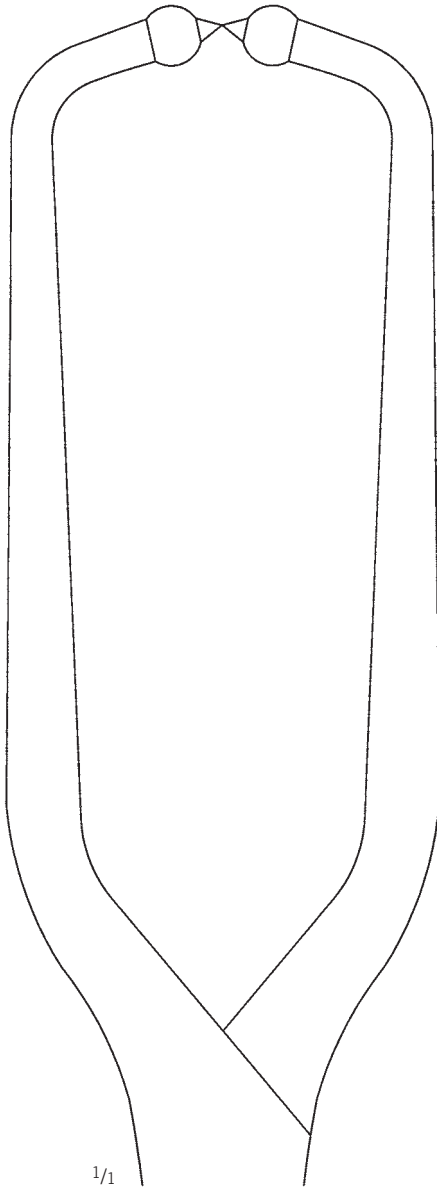
PELVIC REDUCTION FORCEPS angled tips
 KM 47-102
 9⁷/₈"
 short pointed-ball tips

BONE HOLDING INSTRUMENTS

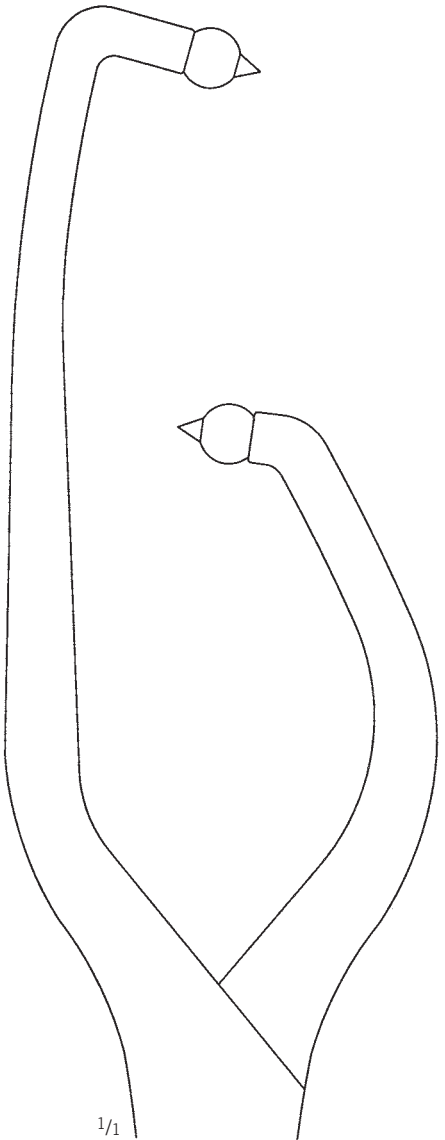
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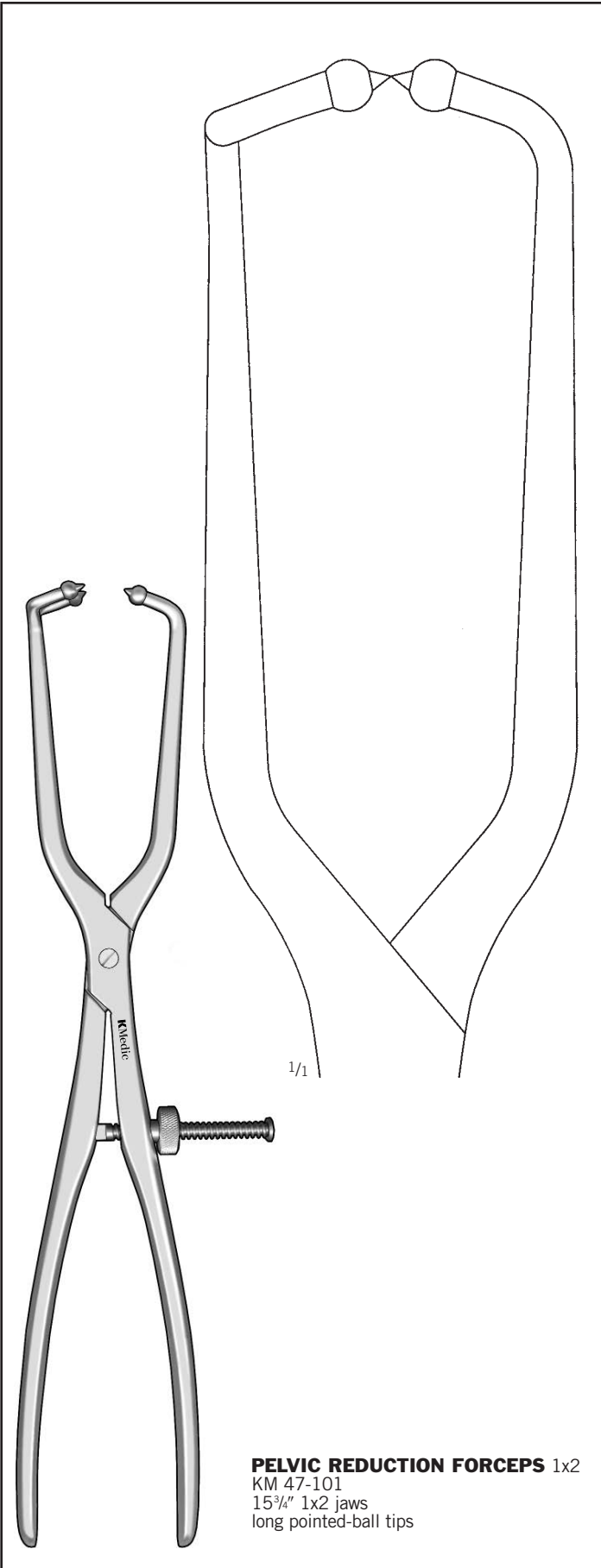


**PELVIC REDUCTION
FORCEPS** pointed tips
KM 47-103
16¹/₈"
long pointed-ball tips

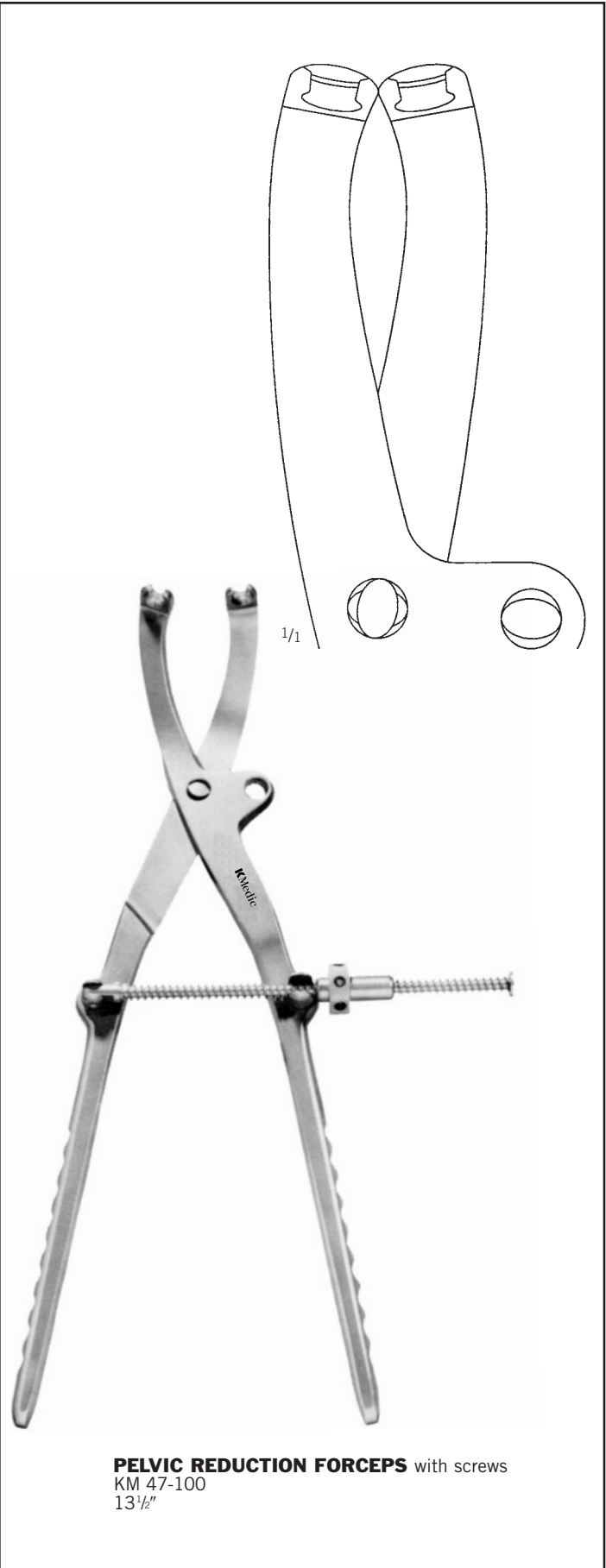


**ASYMETRIC PELVIC
REDUCTION FORCEPS**
KM 45-310
16"
pointed-ball tips





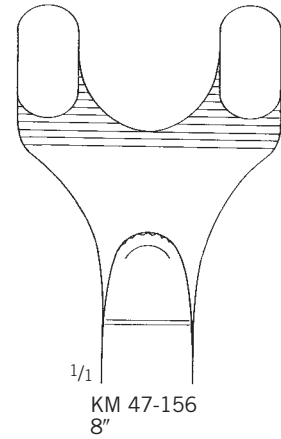
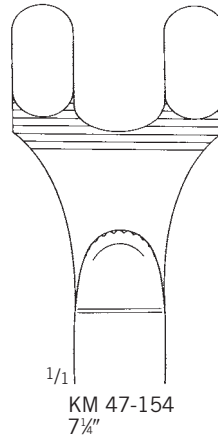
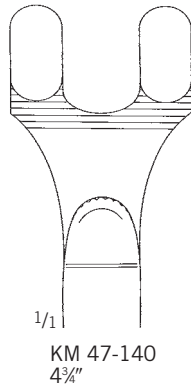
PELVIC REDUCTION FORCEPS 1x2
 KM 47-101
 15³/₄" 1x2 jaws
 long pointed-ball tips



PELVIC REDUCTION FORCEPS with screws
 KM 47-100
 13¹/₂"

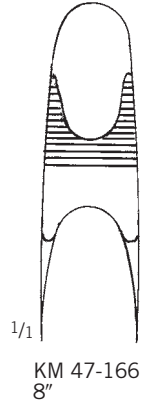
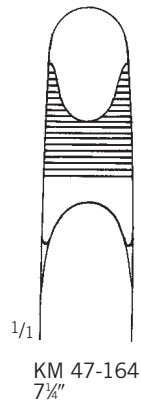
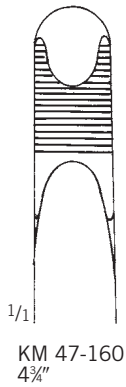
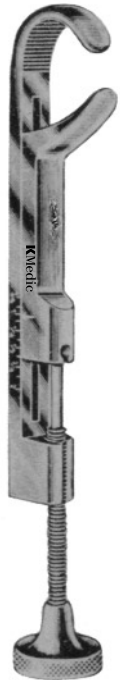
BONE HOLDING INSTRUMENTS

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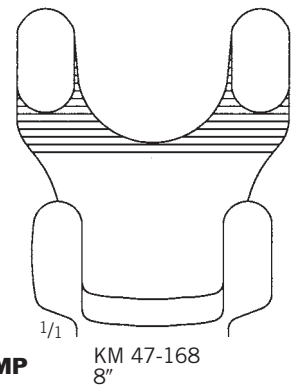
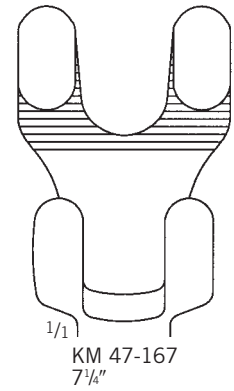
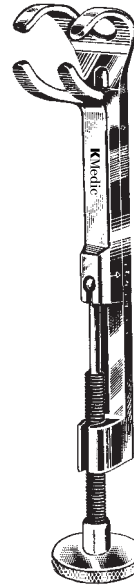
Calibrated in inches to measure bone diameter.

LOWMAN BONE CLAMP 1x2 jaws

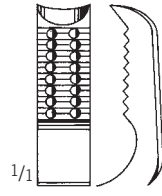


Calibrated in inches to measure bone diameter.

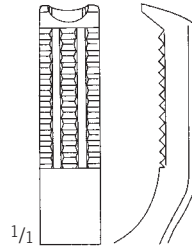
LOWMAN BONE CLAMP 1x1 jaws



LAMBERT-LOWMAN BONE CLAMP
2x2 jaws
Calibrated in inches to measure bone diameter.



KM 47-054
KM 47-062

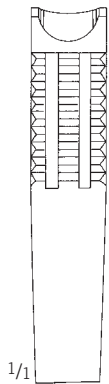


KM 47-056
KM 47-064



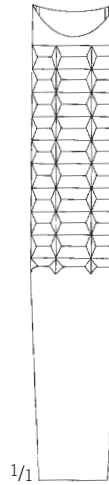
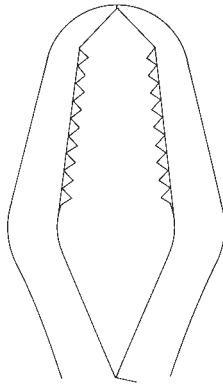
KERN BONE FORCEPS without ratchet
KM 47-054 5 3/4" mini
KM 47-056 8 1/2"

KERN BONE FORCEPS with ratchet
KM 47-062 5 3/4" mini
KM 47-064 8 1/2"



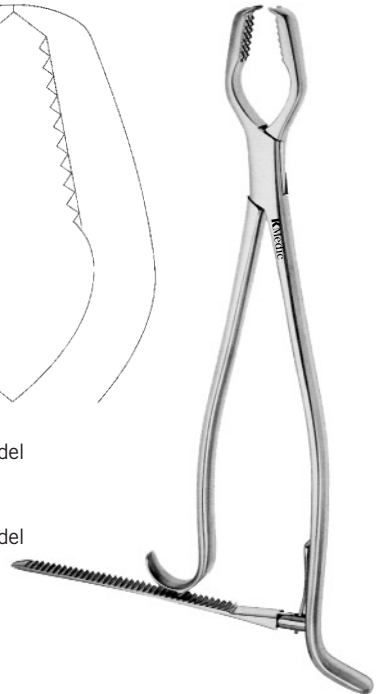
KM 47-078
13" light model
without ratchet

KM 47-080
13" light model
with ratchet



KM 47-068
13" standard model
without ratchet

KM 47-082
13" standard model
with ratchet



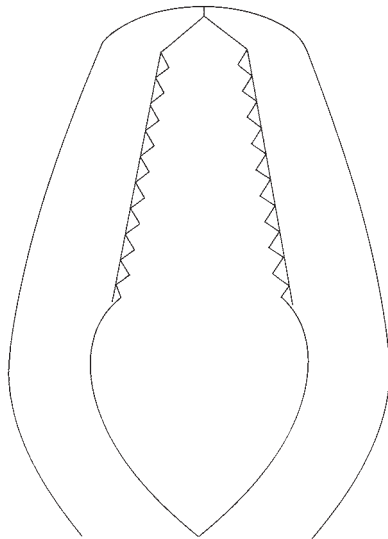
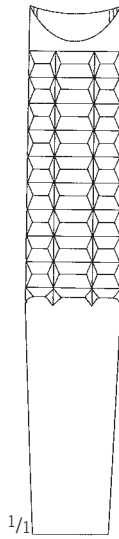
Particularly well suited for use during insertion of intermedullary nails.

LANE BONE HOLDING FORCEPS
without ratchet

LANE BONE HOLDING FORCEPS
with ratchet

BONE HOLDING INSTRUMENTS

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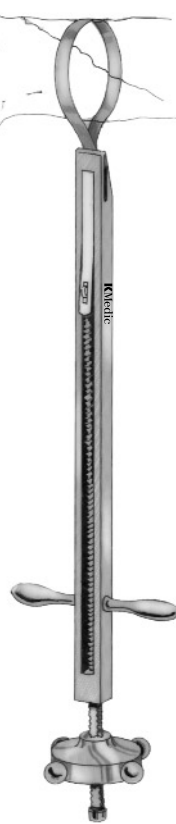
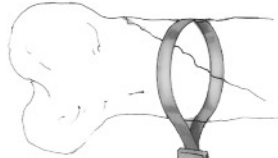
KM 47-070
17"
without ratchet

KM 47-084
17"
with ratchet



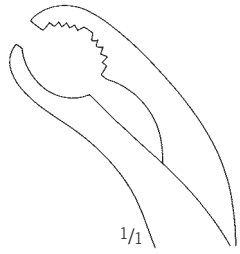
LANE BONE FORCEPS without ratchet

LANE BONE FORCEPS with ratchet

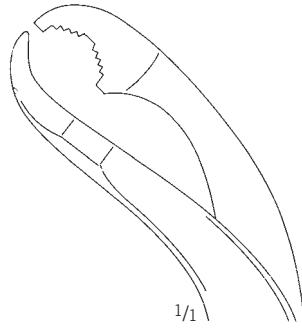


*Fit thin end of band through
slot in other end of band.
Insert thin end into clamp.*

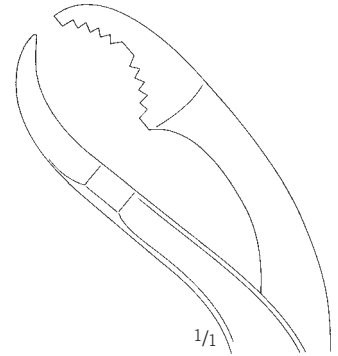
PARHAM-MARTIN BONE CLAMP
KM 47-172 KM 47-173
8½" single band only
bands not included



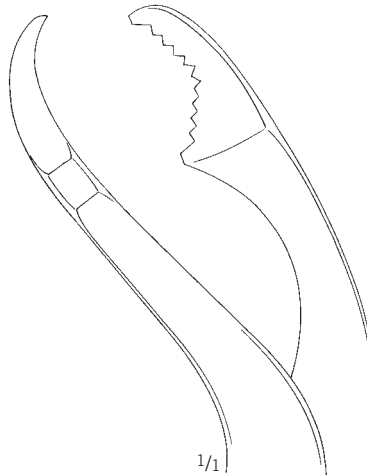
KM 47-090
6"



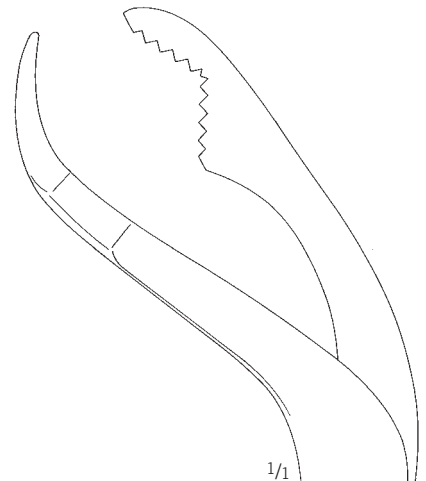
KM 47-092
7½"



KM 47-094
9½"

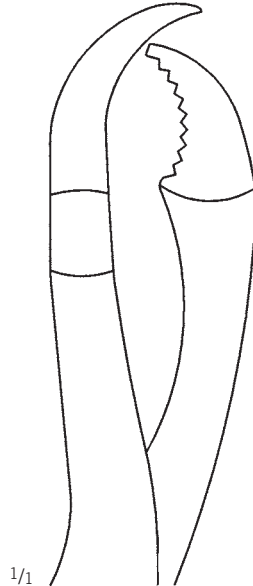
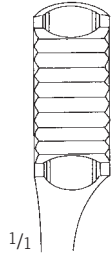


KM 47-096
10½"

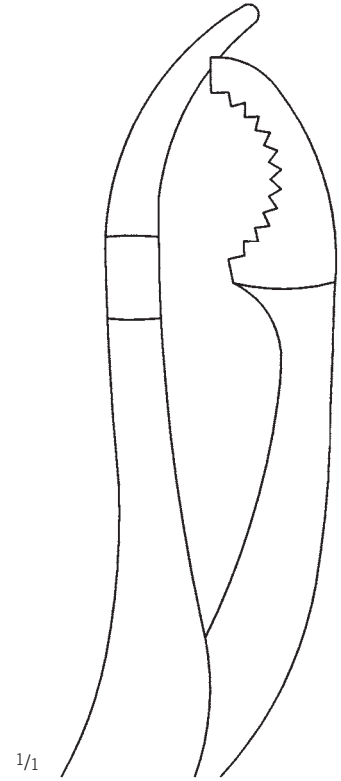


KM 47-098
11"

VERBRUGGE BONE HOLDING FORCEPS
self centering, with speed lock



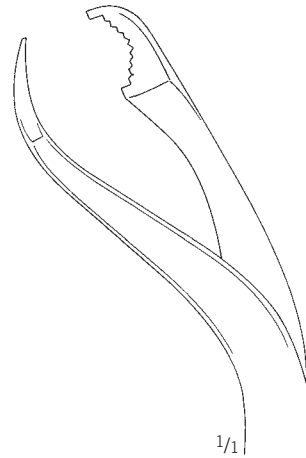
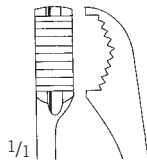
1/1
KM 47-122



1/1
KM 47-126

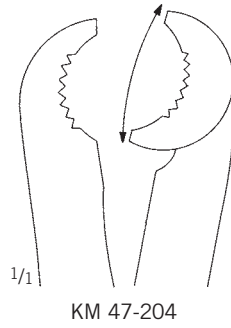
VERBRUGGE BONE HOLDING FORCEPS
with long ratchet

- KM 47-122 10"
- KM 47-124 10½"
- KM 47-126 11"



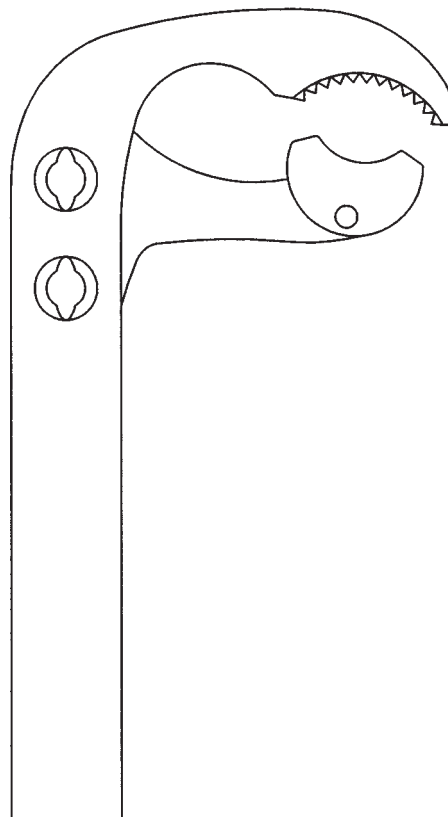
1/1

VERBRUGGE BONE HOLDING FORCEPS
KM 47-120
6¾"
with short ratchet



KM 47-204 8 1/2"
KM 47-206 10 1/2"
KM 47-208 11 1/2"

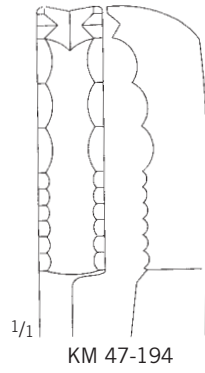
LAMBOTTE BONE HOLDING FORCEPS
with swivel head, adjustable jaw



BONE HOLDING FORCEPS angled
KM 47-212
8 1/2"
with swivel head, adjustable jaw

BONE HOLDING INSTRUMENTS

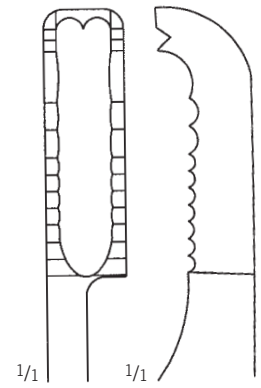
D
18



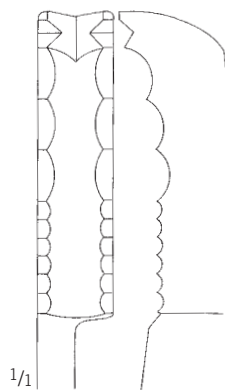
KM 47-194

KM 47-194 9"
KM 47-196 10"

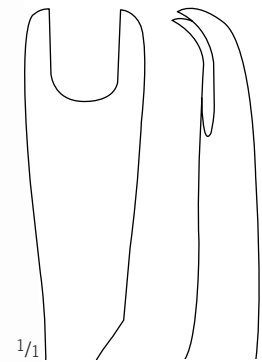
FARABEUf BONE HOLDING FORCEPS
adjustable jaw



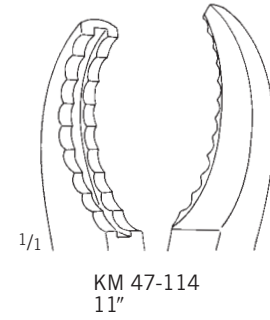
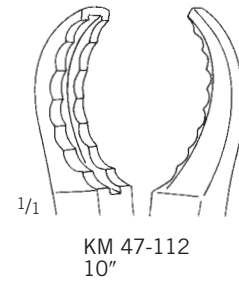
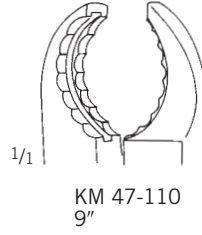
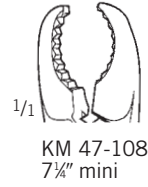
FARABEUf-LAMBOTTE BONE HOLDING FORCEPS
KM 47-190
7½"
adjustable jaw



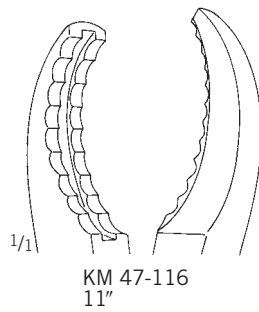
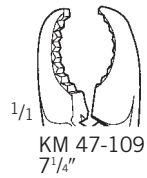
FARABEUf-LAMBOTTE BONE HOLDING FORCEPS
KM 47-192
10½"
adjustable jaw



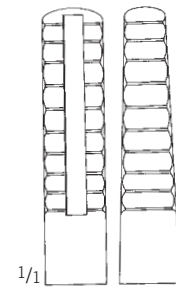
BISHOP BONE HOLDING FORCEPS
KM 47-202
9"
adjustable jaw



ULRICH SELF-RETAINING FORCEPS
straight, with speed lock



ULRICH SELF-RETAINING FORCEPS
angular, with speed lock

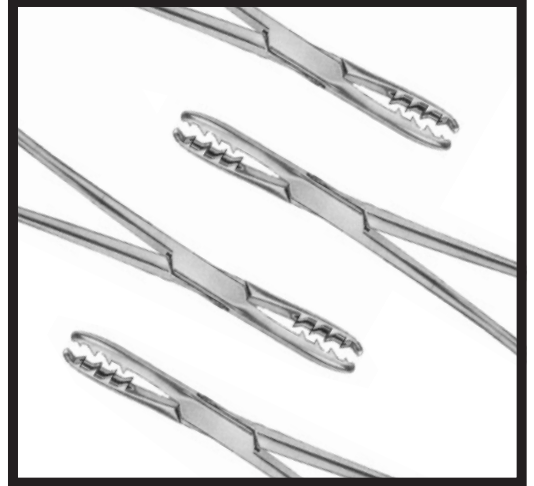


ULRICH SELF-RETAINING FORCEPS
KM 47-118
11" angular
with speed lock
and swivel jaw

KMedic[®]

SECTION E

CARTILAGE AND TENDON INSTRUMENTS



To retrieve, grasp, hold, cut and separate cartilage and tendons.

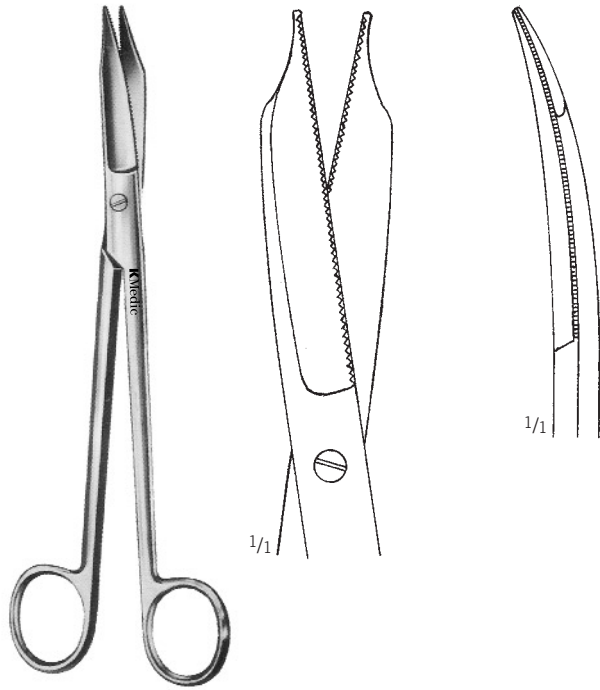
CONTENTS

Cartilage Instruments	2
Tendon Instruments	3
Tendon Strippers	5
Cartilage Knives	5

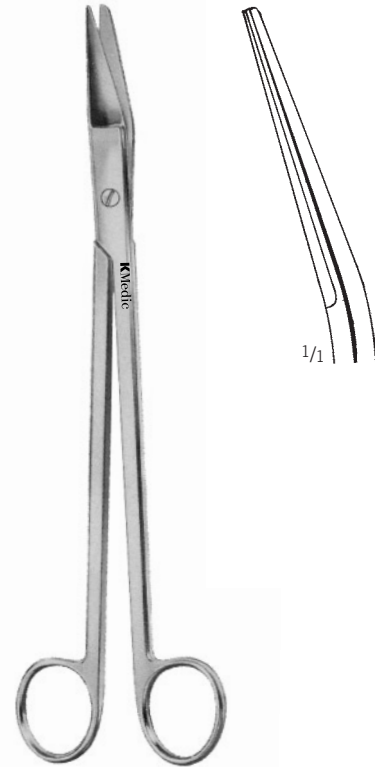
All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

CARTILAGE INSTRUMENTS

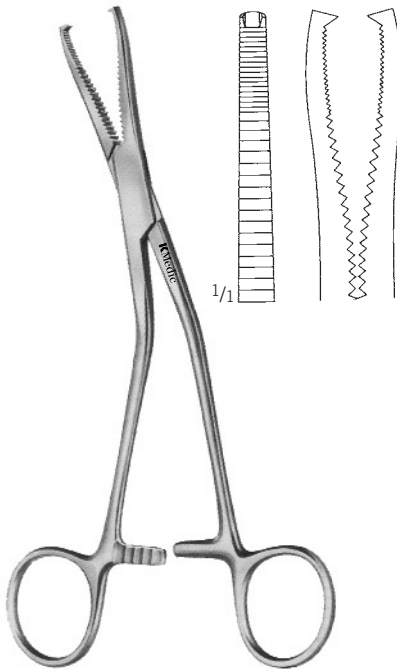
E
2



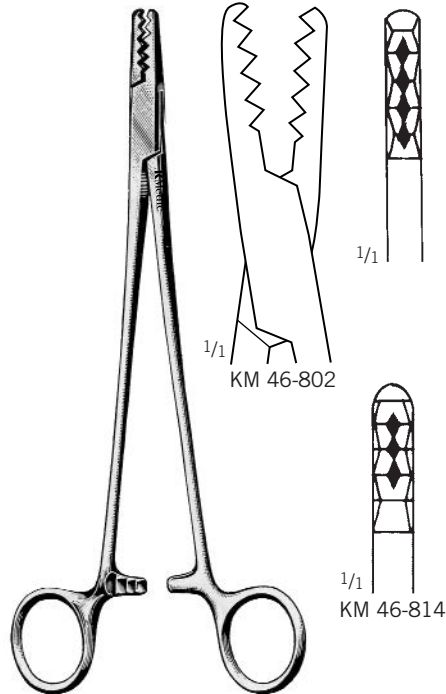
MARTIN CARTILAGE SCISSORS
KM 46-828
8"
two serrated blades



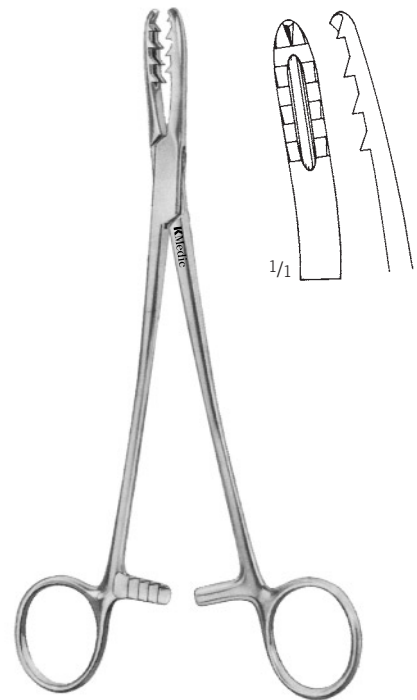
MUELLER CAPSULE SCISSORS
KM 46-821
9½" angular



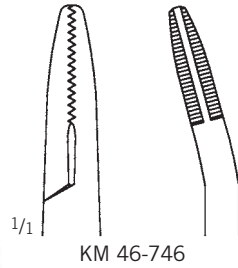
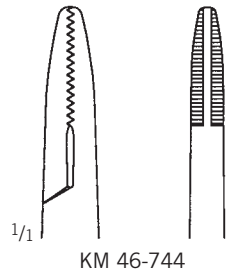
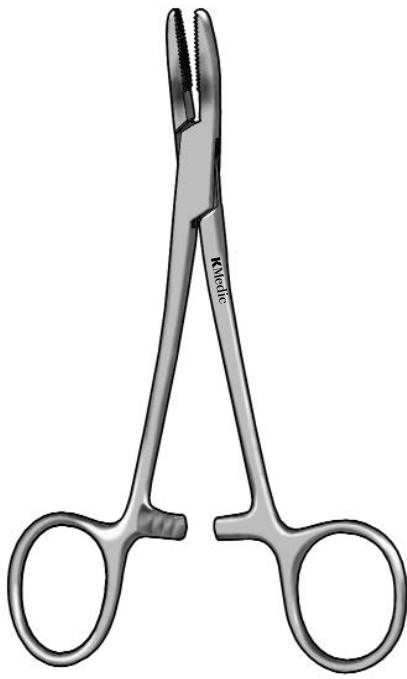
DINGMAN FORCEPS
KM 46-804
7½" angular
2x2 sharp teeth
serrated jaws



MARTIN CARTILAGE CLAMP
KM 46-802 KM 46-814
7¼" 8"
deep teeth deep teeth



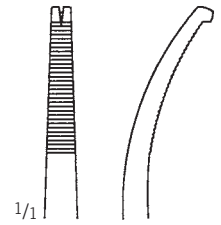
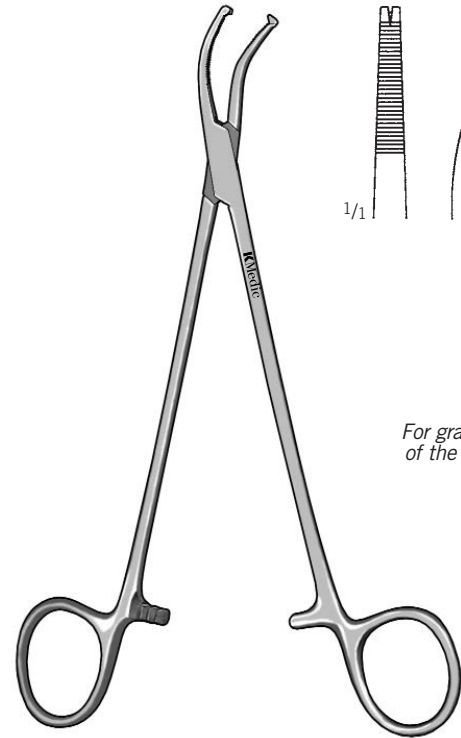
WALTON CARTILAGE CLAMP
KM 46-818
8" slightly curved



MENISCUS CLAMP

KM 46-744
5³/₈" serrated
straight

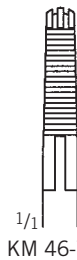
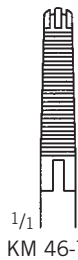
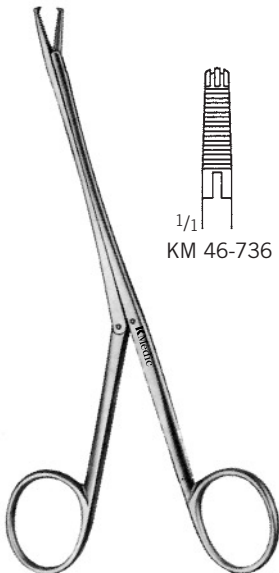
KM 46-746
5³/₈" serrated
angled 20°



*For grasping tags
of the meniscus.*

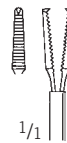
**PRESTON LIGAMENTUM FLAVUM
FORCEPS (MENISCUS)**

KM 46-748
7¹/₄"
serrated jaw with 1x2 tip



BRAND TENDON PULLING FORCEPS angular shaft

KM 46-736 6"
KM 46-737 7¹/₂"
KM 46-738 9¹/₂"



KLEINERT-KUTZ TENDON RETRIEVER

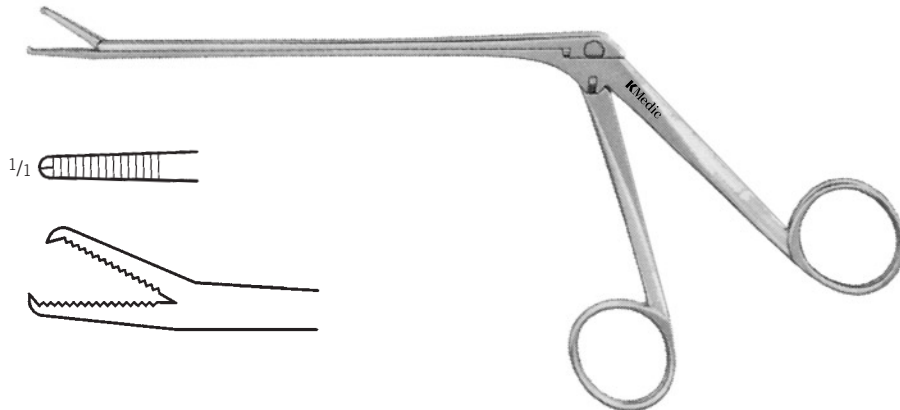
KM 46-739
8" serrated
with sharp teeth

KM 46-735
8" serrated
with sharp teeth
flexible shaft



CAROLL TENDON PULLING FORCEPS
KM 46-740
5" curved shaft
serrated

*For retrieving tendons
or foreign bodies.*



HOEN GRASPING FORCEPS
KM 55-170
5 1/2" shaft
serrated jaw with 1x2 tip

TENDON STRIPPER AND CARTILAGE KNIVES



○
KM 46-730
3mm

○
KM 46-731
4mm

○
KM 46-732
5mm

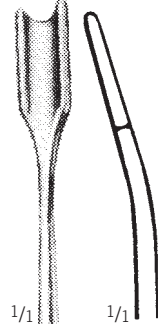
○
KM 46-733
6mm

○
KM 46-734
7mm

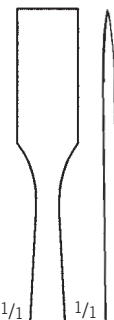
BUNNELL TENDON STRIPPER 6"



1/1
KM 46-766
curved left



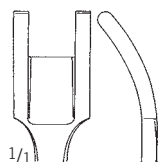
1/1
KM 46-770
curved right



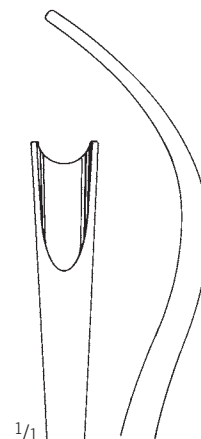
1/1
KM 46-762
straight
chisel type

*Also known as a
meniscus knife.
Useful for
fasciotomies.*

SMILLIE KNIFE 6 3/4"



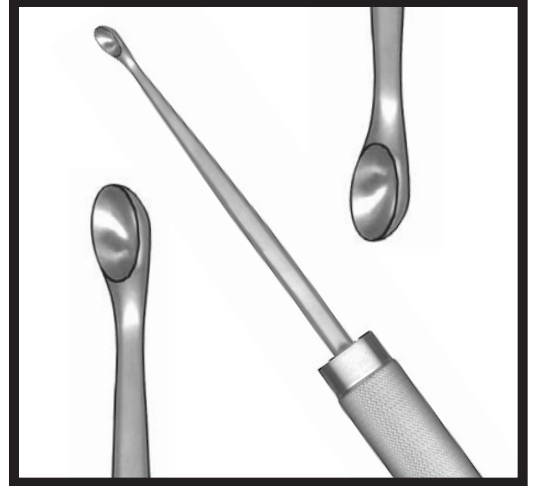
LOWE-BRECK CARTILAGE KNIFE
KM 46-741
10" straight edge
with guards
curved blade



DOWNING CARTILAGE KNIFE
KM 46-772
10" concave edge
with guards
curved blade

KMedic[®]

BONE CURETTES



To scrape, shape and clean bone.

CONTENTS

Bone Curettes

2-7

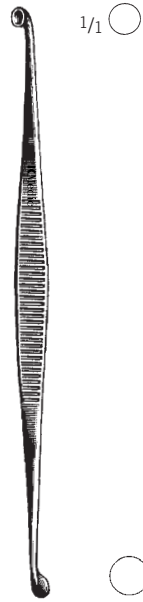
All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

BONE CURETTES

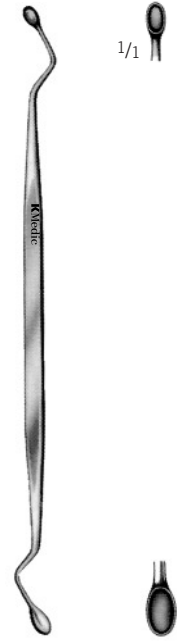
F
2



WILLIGER BONE CURETTE
KM 29-630
5½" double ended
3mm & 4mm oval



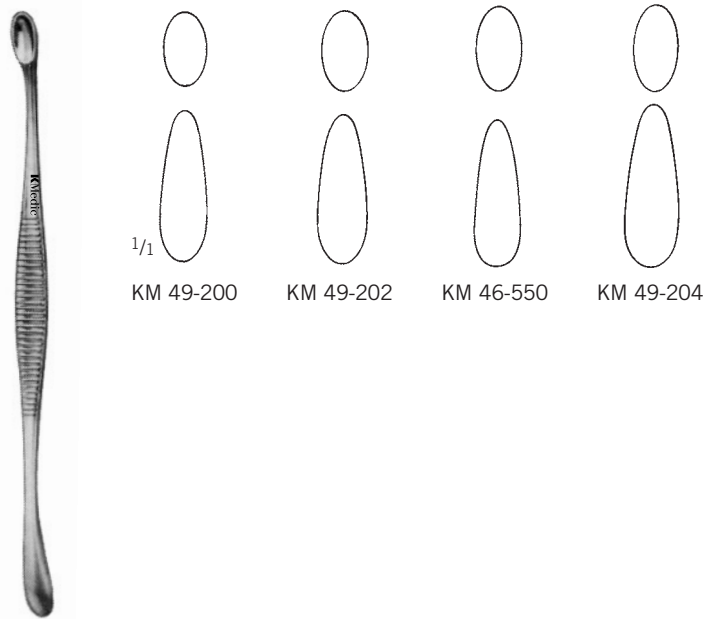
MARTINI BONE CURETTE
KM 29-620
5½" double ended
4mm & 5mm round



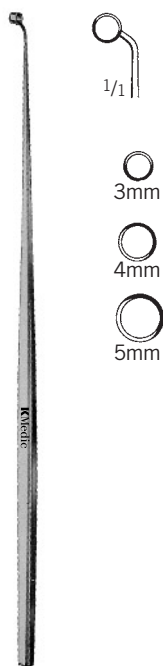
JANSEN CURETTE
KM 29-632
6" double ended
oval cups



VOLKMANN CURETTE oval and round cups
KM 46-560 5" double ended
KM 46-562 6½" double ended
KM 46-561 8" double ended



VOLKMANN CURETTE oval cups, double ended
KM 49-200 5"
KM 49-202 5½"
KM 46-550 6½"
KM 49-204 8"



RAY PITUITARY CURETTES 7½"

Vertical angle 45°
 KM 49-403 3mm diameter
 KM 49-404 4mm diameter
 KM 49-405 5mm diameter



Vertical angle 90°
 KM 49-413 3mm diameter
 KM 49-414 4mm diameter
 KM 49-415 5mm diameter



Horizontal angle 45°
 KM 49-423 3mm diameter
 KM 49-424 4mm diameter
 KM 49-425 5mm diameter



Horizontal angle 90°
 KM 49-433 3mm diameter
 KM 49-434 4mm diameter
 KM 49-435 5mm diameter



EPSTEIN CURETTE 8" with hollow handle

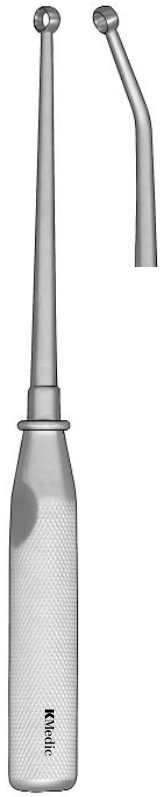
KM 49-580 #000
 KM 49-582 #00
 KM 49-584 #0



SCOVILLE CURETTE 10" with hollow handle

BONE CURETTES

F
4



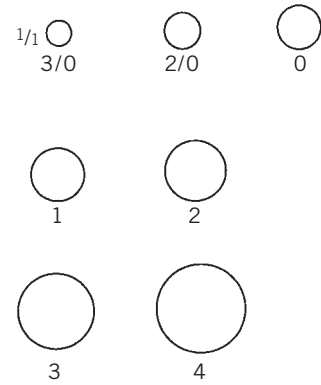
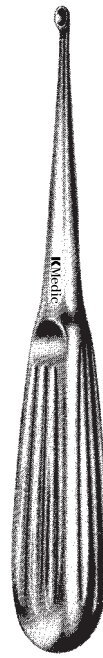
straight

KM 49-450 size #1, 8mm diameter
 KM 49-452 size #2, 6mm diameter
 KM 49-454 size #3, 3mm diameter

angled 35°

KM 49-456 size #1, 8mm diameter
 KM 49-458 size #2, 6mm diameter
 KM 49-460 size #3, 3mm diameter

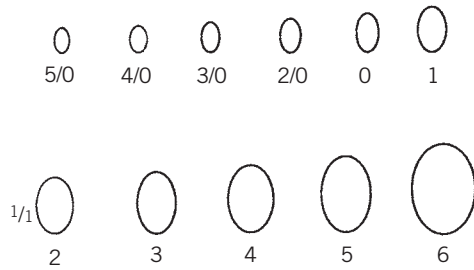
CONE RING CURETTE 9" with knurled handle



6 3/4" straight

KM 49-120 #3/0
 KM 49-121 #2/0
 KM 49-122 #0
 KM 49-123 #1
 KM 49-124 #2
 KM 49-125 #3
 KM 49-126 #4

BRUN (SPRATT) CURETTE with hollow handle, round cup



7" straight

KM 46-511 #5/0
 KM 46-512 #4/0
 KM 46-513 #3/0
 KM 46-515 #2/0
 KM 46-517 #0
 KM 46-519 #1
 KM 46-521 #2
 KM 46-523 #3
 KM 46-525 #4
 KM 46-529 #5
 KM 46-531 #6

9" straight

KM 46-563 #3/0
 KM 46-564 #2/0
 KM 46-565 #0
 KM 46-566 #1
 KM 46-567 #2
 KM 46-568 #3
 KM 46-569 #4
 KM 46-570 #5
 KM 46-571 #6



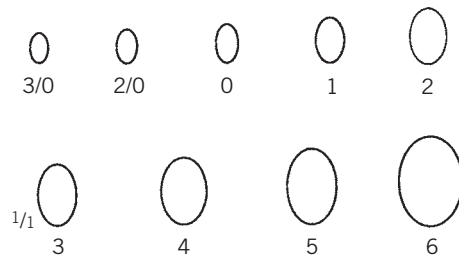
9" angled 45°

KM 49-110 #3/0
 KM 49-111 #2/0
 KM 49-112 #0
 KM 49-113 #1
 KM 49-114 #2
 KM 49-115 #3
 KM 49-116 #4
 KM 49-117 #5
 KM 49-118 #6



BRUN (SPRATT) CURETTE with hollow handle, oval cup

*SmartRack® for 7" Brun Cures (KM 98-160) and
 SmartRack® for 9" Brun Cures (KM 98-180)
 shown on page T3.*



straight

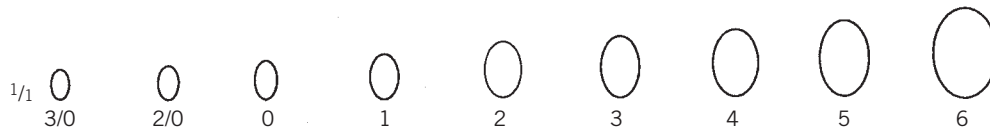
- KM 46-551 #3/0
- KM 46-552 #2/0
- KM 46-553 #0
- KM 46-554 #1
- KM 46-555 #2
- KM 46-556 #3
- KM 46-557 #4
- KM 46-558 #5
- KM 46-559 #6

angled 45°

- KM 49-150 #3/0
- KM 49-151 #2/0
- KM 49-152 #0
- KM 49-153 #1
- KM 49-154 #2
- KM 49-155 #3
- KM 49-156 #4
- KM 49-157 #5
- KM 49-158 #6

*SmartRack® for
9" Brun Currettes shown
on page T3 (KM 98-180).*

BRUN CURETTE 9" with solid hexagonal handle



**anodized aluminum handle
stainless steel working end**

- | | |
|-----------------|----------------|
| <i>straight</i> | <i>angled</i> |
| KM 46-422 #3/0 | KM 46-433 #3/0 |
| KM 46-423 #2/0 | KM 46-434 #2/0 |
| KM 46-424 #0 | KM 46-435 #0 |
| KM 46-425 #1 | KM 46-436 #1 |
| KM 46-426 #2 | KM 46-437 #2 |
| KM 46-427 #3 | KM 46-438 #3 |
| KM 46-428 #4 | KM 46-439 #4 |
| KM 46-429 #5 | KM 46-440 #5 |
| KM 46-430 #6 | KM 46-441 #6 |

all stainless

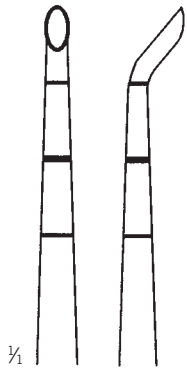
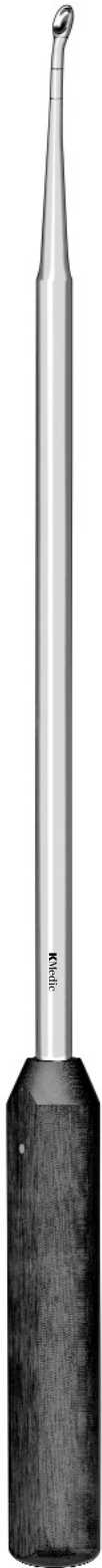
- | | |
|-----------------|-----------------|
| <i>straight</i> | <i>angled</i> |
| KM 46-422S #3/0 | KM 46-433S #3/0 |
| KM 46-423S #2/0 | KM 46-434S #2/0 |
| KM 46-424S #0 | KM 46-435S #0 |
| KM 46-425S #1 | KM 46-436S #1 |
| KM 46-426S #2 | KM 46-437S #2 |
| KM 46-427S #3 | KM 46-438S #3 |
| KM 46-428S #4 | KM 46-439S #4 |
| KM 46-429S #5 | KM 46-440S #5 |
| KM 46-430S #6 | KM 46-441S #6 |

*SmartRack® for
Cobb Currettes shown on
page T3 (KM 98-170).*

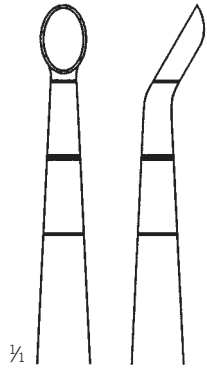
COBB CURETTE 11" with knurled handle

ENDOSCOPIC BONE CURETTES

F
6

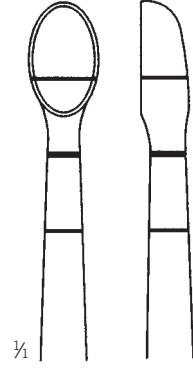
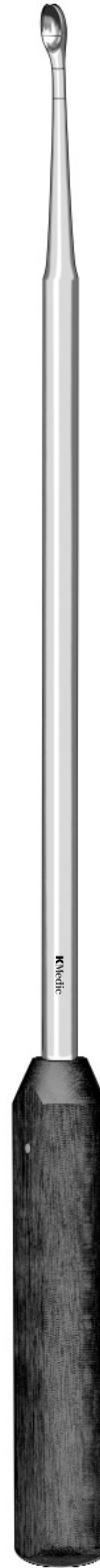


KM 55-593
17" reverse angled 40°
3mm x 6mm cup
2.7" tip length
9.3" shaft length
5" handle length
.285" (7.2mm) shaft diameter



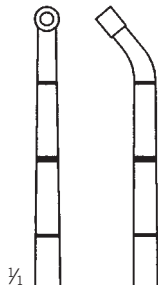
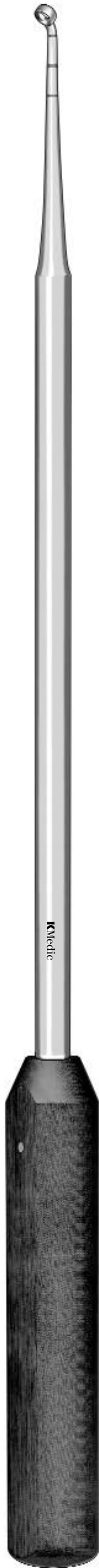
KM 55-586
20" reverse angled 30°
6mm x 9mm cup
3 1/2" tip length
10" shaft length
6 1/2" handle length
.45" (11.5mm) shaft diameter

EPSTEIN CURETTE endoscopic
with phenolic handle

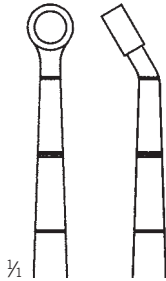


*Phenolic handles
are autoclavable
to 290°F (143°C)*

SCOVILLE CURETTE endoscopic
KM 55-510
20" with phenolic handle
9mm x 15mm cup straight
3 1/2" tip length
10" shaft length
6 1/2" handle length
.45" (11.5mm) shaft diameter



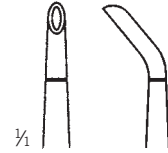
1/2
KM 55-573
17" angled 40°
3mm diameter
2.7" tip length
9.3" shaft length
5" handle length
.285" (7.2mm) shaft diameter



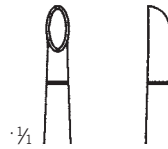
1/2
KM 55-566
20" angled 30°
6mm diameter
3 1/2" tip length
10" shaft length
6 1/2" handle length
.45" (11.5mm) shaft diameter

CONE RING CURETTE endoscopic
with phenolic handle

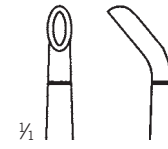
*Phenolic handles
are autoclavable
to 290°F (143°C)*



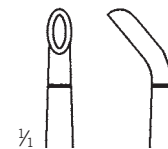
1/2
KM 55-532
17" angled 40°
2mm x 4mm cup
2.7" tip length
9.3" shaft length
5" handle length
.285" (7.2mm) shaft diameter



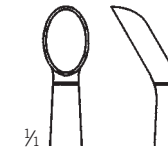
1/2
KM 55-523
17" straight
3mm x 6mm cup
2.7" tip length
9.3" shaft length
5" handle length
.285" (7.2mm) shaft diameter



1/2
KM 55-533
17" angled 40°
3mm x 6mm cup
2.7" tip length
9.3" shaft length
5" handle length
.285" (7.2mm) shaft diameter



1/2
KM 55-543
20" angled 40°
3mm x 6mm cup
3 1/2" tip length
10" shaft length
6 1/2" handle length
.45" (11.5mm) shaft diameter



1/2
KM 55-556
20" angled 30°
6mm x 9mm cup
3 1/2" tip length
10" shaft length
6 1/2" handle length
.45" (11.5mm) shaft diameter



BRUN CURETTE
endoscopic
with phenolic handle

KMedic[®]

SECTION G

OSTEOTOMES, CHISELS AND GOUGES



To score, cut, scrape, clean and sculpt bone.

CONTENTS

Chisels	2-9
Osteotomes	2-12
Gouges	2-12

All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

OSTEOTOMES, CHISELS AND GOUGES

G
2



OSTEOTOME BLADES

- KM 49-668 5mm
- KM 49-672 10mm
- KM 49-676 16mm
- KM 49-680 25mm

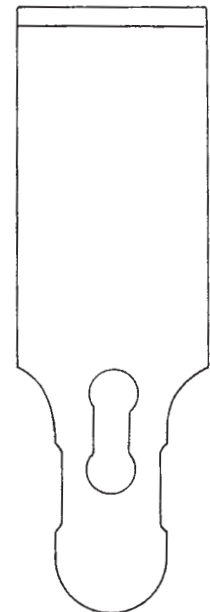


KM 49-672

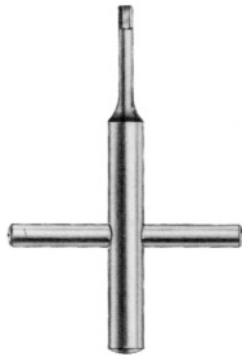


CHISEL BLADES

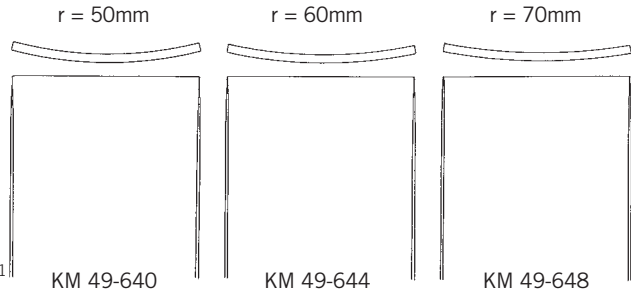
- KM 49-652 5mm
- KM 49-656 10mm
- KM 49-660 16mm
- KM 49-664 25mm



KM 49-664



KEY
KM 49-634



GOUGE BLADES

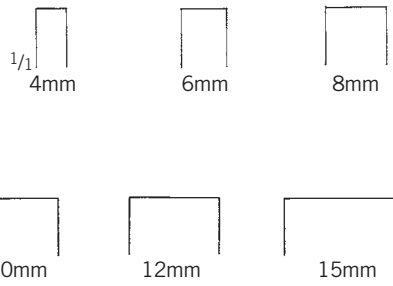
- KM 49-640 1" width, 50mm radius
- KM 49-644 1" width, 60mm radius
- KM 49-648 1" width, 70mm radius

Blades should be discarded after use.

Phenolic handle is autoclavable to 290° F (143° C).

INTERCHANGEABLE OSTEOTOME, CHISEL AND GOUGE SET

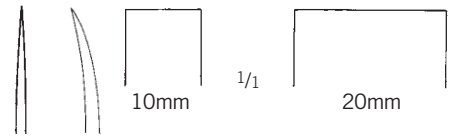
KM 49-630 complete set with handle, key and all blades
KM 49-632 7" phenolic handpiece only



5" straight

- | | | | |
|-----------|------|-----------|------|
| KM 46-336 | 4mm | KM 46-343 | 14mm |
| KM 46-338 | 6mm | KM 46-345 | 15mm |
| KM 46-340 | 8mm | KM 46-346 | 18mm |
| KM 46-342 | 10mm | KM 46-347 | 19mm |
| KM 46-344 | 12mm | KM 46-335 | 20mm |

MINI-LAMBOTTE OSTEOTOME



The unusually long bevel allows the cut bone to bend gradually as it is cut.

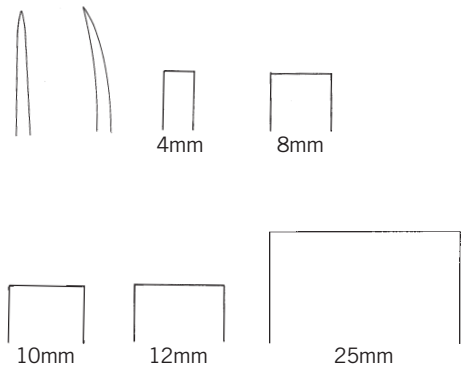
7" straight

- with calibration lines
- | | |
|-----------|------|
| KM 69-940 | 10mm |
| KM 69-946 | 20mm |
| KM 69-950 | 25mm |

7" curved

- with calibration lines
- | | |
|-----------|------|
| KM 69-970 | 5mm |
| KM 69-975 | 10mm |

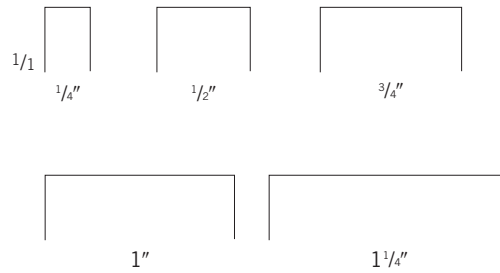
LONG BEVEL OSTEOTOME



7" straight

- with calibration lines
- | | |
|-----------|------|
| KM 46-348 | 4mm |
| KM 46-349 | 5mm |
| KM 46-350 | 6mm |
| KM 46-358 | 8mm |
| KM 46-351 | 10mm |
| KM 46-352 | 12mm |
| KM 46-353 | 16mm |
| KM 46-354 | 19mm |
| KM 46-355 | 22mm |
| KM 46-356 | 25mm |

LAMBOTTE OSTEOTOME



9" straight

- without calibration lines
- | | |
|-----------|--------|
| KM 46-304 | 1/4" |
| KM 46-306 | 1/2" |
| KM 46-310 | 3/4" |
| KM 46-314 | 1" |
| KM 46-318 | 1 1/4" |
| KM 46-322 | 1 1/2" |

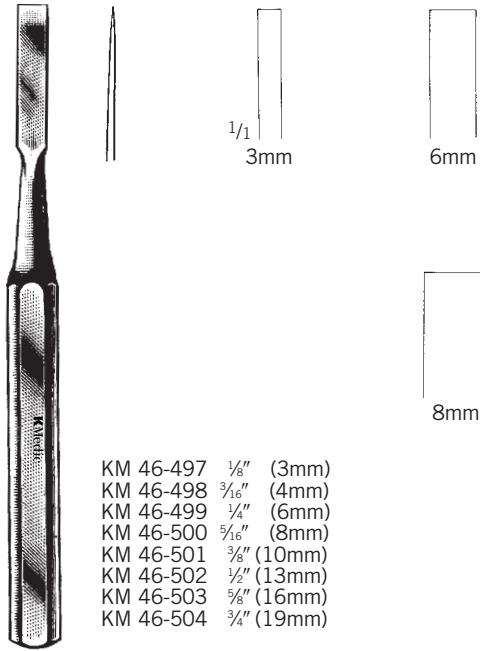
9" curved

- without calibration lines
- | | |
|-----------|--------|
| KM 46-328 | 1/4" |
| KM 46-329 | 1/2" |
| KM 46-330 | 3/4" |
| KM 46-331 | 1" |
| KM 46-332 | 1 1/4" |
| KM 46-333 | 1 1/2" |

SmartRack® for 9" Lambotte Osteotomes shown on page T4 (KM 98-190).

OSTEOTOMES, CHISELS AND GOUGES

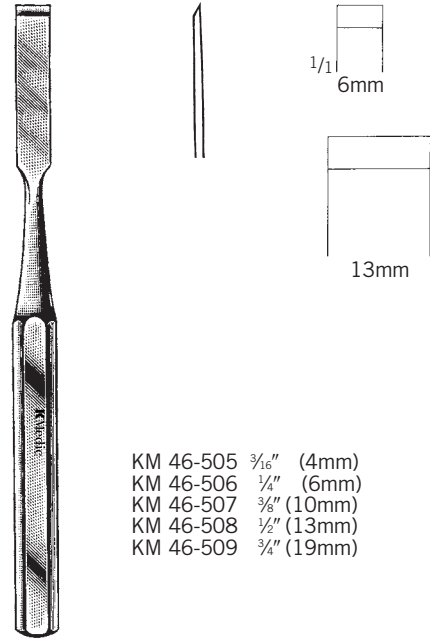
G
4



- KM 46-497 1/8" (3mm)
- KM 46-498 3/16" (4mm)
- KM 46-499 1/4" (6mm)
- KM 46-500 5/16" (8mm)
- KM 46-501 3/8" (10mm)
- KM 46-502 1/2" (13mm)
- KM 46-503 5/8" (16mm)
- KM 46-504 3/4" (19mm)

HOKE OSTEOTOME 5 1/4" straight

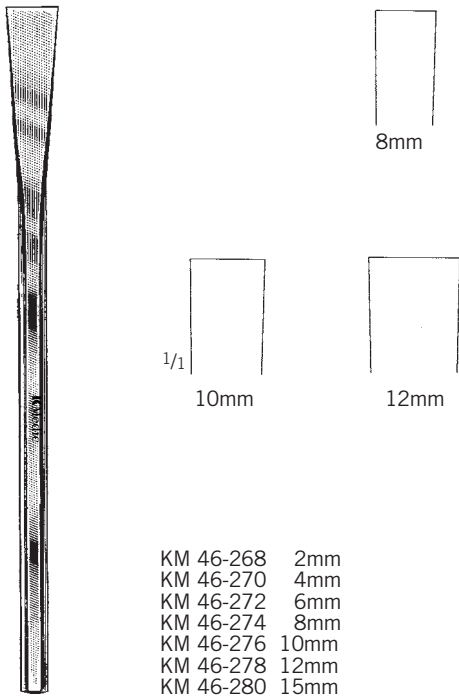
SmartRack® for Hoke Osteotomes shown on page T3 (KM 98-150).



- KM 46-505 3/16" (4mm)
- KM 46-506 1/4" (6mm)
- KM 46-507 3/8" (10mm)
- KM 46-508 1/2" (13mm)
- KM 46-509 3/4" (19mm)

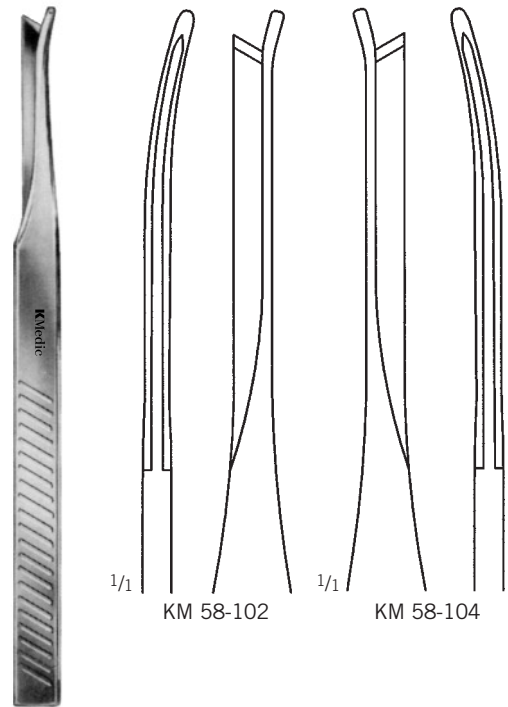
HOKE CHISEL 5 1/4" straight

SmartRack® for Hoke Chisels shown on page T3 (KM 98-150).



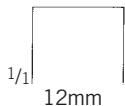
- KM 46-268 2mm
- KM 46-270 4mm
- KM 46-272 6mm
- KM 46-274 8mm
- KM 46-276 10mm
- KM 46-278 12mm
- KM 46-280 15mm

SHEEHAN OSTEOTOME 6 1/4" straight



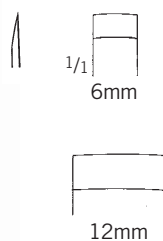
SILVER OSTEOTOME 7" with single guard
 KM 58-100 straight
 KM 58-102 curved, guard right
 KM 58-104 curved, guard left

OSTEOTOMES, CHISELS AND GOUGES



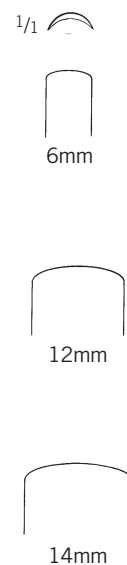
U.S. ARMY PATTERN OSTEOTOME 7"

- KM 46-284 6mm
- KM 46-286 12mm
- KM 46-288 18mm



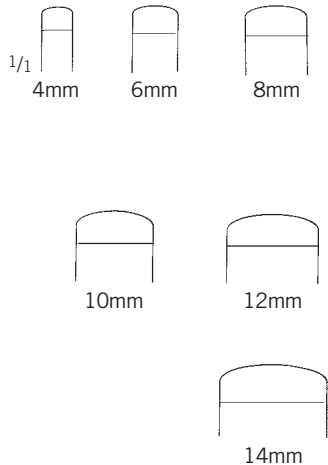
U.S. ARMY PATTERN CHISEL 7"

- KM 46-289 6mm
- KM 46-290 12mm
- KM 46-291 14mm



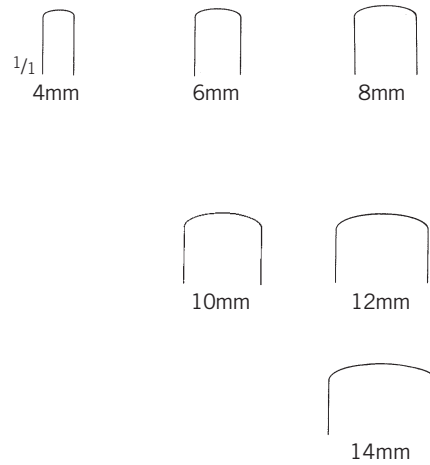
U.S. ARMY PATTERN GOUGE 7"

- KM 46-292 6mm
- KM 46-293 12mm
- KM 46-294 14mm



ALEXANDER CHISEL 7"

- KM 49-040 4mm
- KM 49-041 6mm
- KM 49-042 8mm
- KM 49-043 10mm
- KM 49-044 12mm
- KM 49-045 14mm

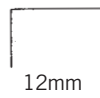


ALEXANDER GOUGE 7"

- KM 49-050 4mm
- KM 49-051 6mm
- KM 49-052 8mm
- KM 49-053 10mm
- KM 49-054 12mm
- KM 49-055 14mm

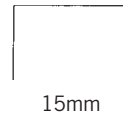
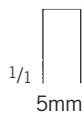
OSTEOTOMES, CHISELS AND GOUGES

5
6



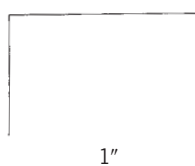
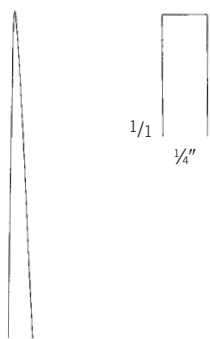
- KM 49-260 4mm
- KM 49-262 6mm
- KM 49-264 8mm
- KM 49-266 10mm
- KM 49-268 12mm

LEXER MINI CHISEL 7"



- KM 49-246 5mm
- KM 49-248 7mm
- KM 49-250 10mm
- KM 49-252 15mm
- KM 49-254 20mm
- KM 49-256 25mm
- KM 49-258 30mm

LEXER CHISEL 8^{3/4}"



8" straight

- KM 46-448 1/4"
- KM 46-449 3/8"
- KM 46-450 1/2"
- KM 46-451 5/8"
- KM 46-452 3/4"
- KM 46-453 1"
- KM 46-454 1 1/4"

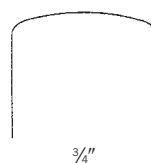
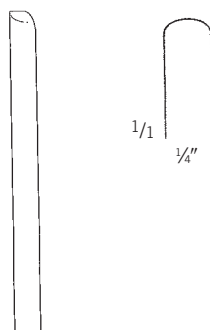
8" curved

- KM 46-457 1/4"
- KM 46-458 3/8"
- KM 46-459 1/2"
- KM 46-460 5/8"
- KM 46-461 3/4"
- KM 46-462 1"
- KM 46-463 1 1/4"



SMITH PETERSON OSTEOTOME

SmartRack® for Smith Peterson Osteotomes shown on page T4 (KM 98-195).



8" straight

- KM 46-466 1/4"
- KM 46-467 3/8"
- KM 46-468 1/2"
- KM 46-476 5/8"
- KM 46-477 3/4"
- KM 46-478 1"
- KM 46-479 1 1/4"

8" curved

- KM 46-487 1/4"
- KM 46-488 3/8"
- KM 46-489 1/2"
- KM 46-490 5/8"
- KM 46-491 3/4"
- KM 46-493 1"
- KM 46-495 1 1/4"

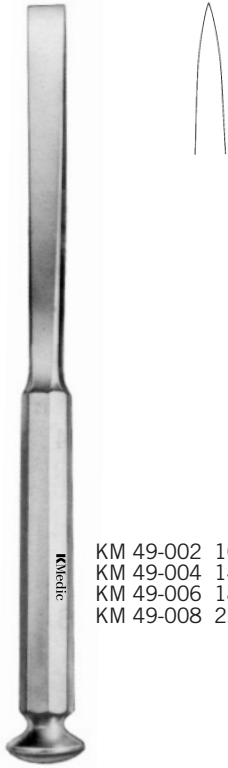


SMITH PETERSON GOUGE

SmartRack® for Smith Peterson Gouges shown on page T4 (KM 98-195).

OSTEOTOMES, CHISELS AND GOUGES

5 | 8



KM 49-002 10mm
 KM 49-004 14mm
 KM 49-006 18mm
 KM 49-008 22mm

STILLE-TYPE OSTEOTOME
 8" straight



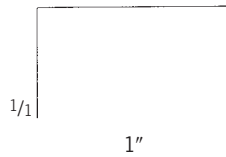
KM 49-010 10mm
 KM 49-012 14mm
 KM 49-014 18mm
 KM 49-016 22mm

STILLE-TYPE CHISEL
 8" straight

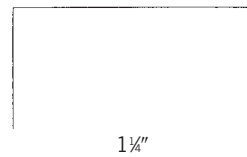


KM 49-018 10mm
 KM 49-020 14mm
 KM 49-022 18mm
 KM 49-024 22mm

STILLE-TYPE GOUGE
 8" straight



1"



1 1/4"



9" straight

KM 46-359 1/4"
 KM 46-360 3/8"
 KM 46-361 1/2"
 KM 46-362 5/8"
 KM 46-363 3/4"
 KM 46-364 7/8"
 KM 46-365 1"
 KM 46-366 1 1/8"
 KM 46-367 1 1/4"
 KM 46-368 1 1/2"

9" curved

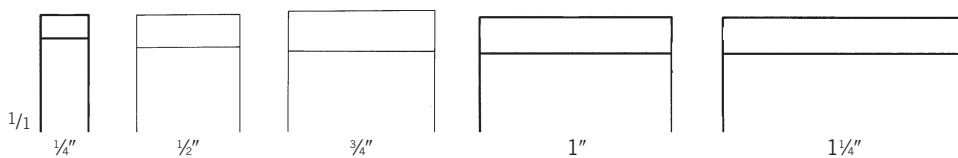
KM 46-373 1/4"
 KM 46-376 3/8"
 KM 46-377 1/2"
 KM 46-378 5/8"
 KM 46-379 3/4"
 KM 46-380 7/8"
 KM 46-381 1"
 KM 46-382 1 1/8"
 KM 46-383 1 1/4"
 KM 46-384 1 1/2"

HIBBS OSTEOTOME

*SmartRack® for
 Hibbs Osteotomes shown
 on page T3 (KM 98-180).*



HIBBS CHISEL



9" straight

- KM 49-059 1/4"
- KM 49-060 3/8"
- KM 49-061 1/2"
- KM 49-062 5/8"
- KM 49-063 3/4"
- KM 49-064 7/8"
- KM 49-065 1"
- KM 49-066 1 1/8"
- KM 49-067 1 1/4"
- KM 49-068 1 1/2"

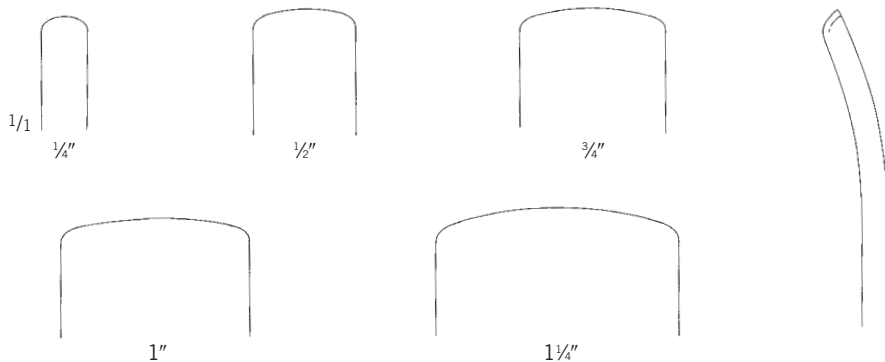
9" curved

- KM 49-073 1/4"
- KM 49-074 3/8"
- KM 49-075 1/2"
- KM 49-076 5/8"
- KM 49-077 3/4"
- KM 49-078 7/8"
- KM 49-079 1"
- KM 49-080 1 1/8"
- KM 49-081 1 1/4"
- KM 49-082 1 1/2"

*SmartRack® for
Hibbs Chisels shown on
page T3 (KM 98-180).*



HIBBS GOUGE



9" straight

- KM 46-387 1/4"
- KM 46-388 3/8"
- KM 46-389 1/2"
- KM 46-390 5/8"
- KM 46-391 3/4"
- KM 46-392 7/8"
- KM 46-393 1"
- KM 46-394 1 1/8"
- KM 46-395 1 1/4"
- KM 46-401 1 1/2"

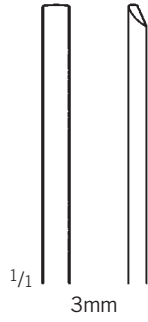
9" curved

- KM 46-402 1/4"
- KM 46-403 3/8"
- KM 46-404 1/2"
- KM 46-405 5/8"
- KM 46-407 3/4"
- KM 46-408 7/8"
- KM 46-409 1"
- KM 46-410 1 1/8"
- KM 46-411 1 1/4"
- KM 46-412 1 1/2"

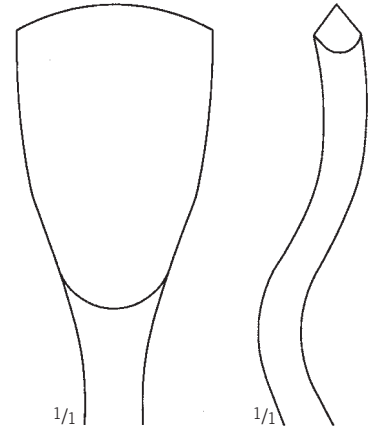
*SmartRack® for
Hibbs Gouges shown on
page T3 (KM 98-180).*

OSTEOTOMES, CHISELS AND GOUGES

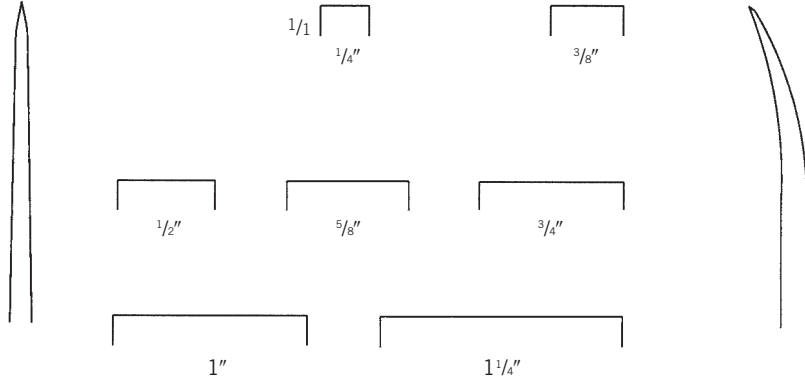
G
10



SHOULDER PENETRATING GOUGE
KM 46-919
8½" (220mm)



SWAN NECK GOUGE
KM 49-084
9"



COBB OSTEOTOME

11" straight

- KM 49-350 ¼"
- KM 49-351 ⅜"
- KM 49-352 ½"
- KM 49-353 ⅝"
- KM 49-354 ¾"
- KM 49-355 1"
- KM 49-356 1¼"

11" curved

- KM 49-357 ¼"
- KM 49-358 ⅜"
- KM 49-359 ½"
- KM 49-360 ⅝"
- KM 49-361 ¾"
- KM 49-362 1"
- KM 49-363 1¼"



1/1
KM 49-030
straight
5/32" (7mm) blade width



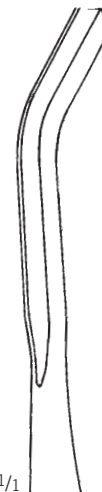
1/1
KM 49-032
medium curve
5/32" (7mm) blade width



COBB-TYPE SPINAL GOUGE 11"
all stainless, with knurled handle



1/1
KM 49-034
strong curve
5/32" (7mm) blade width

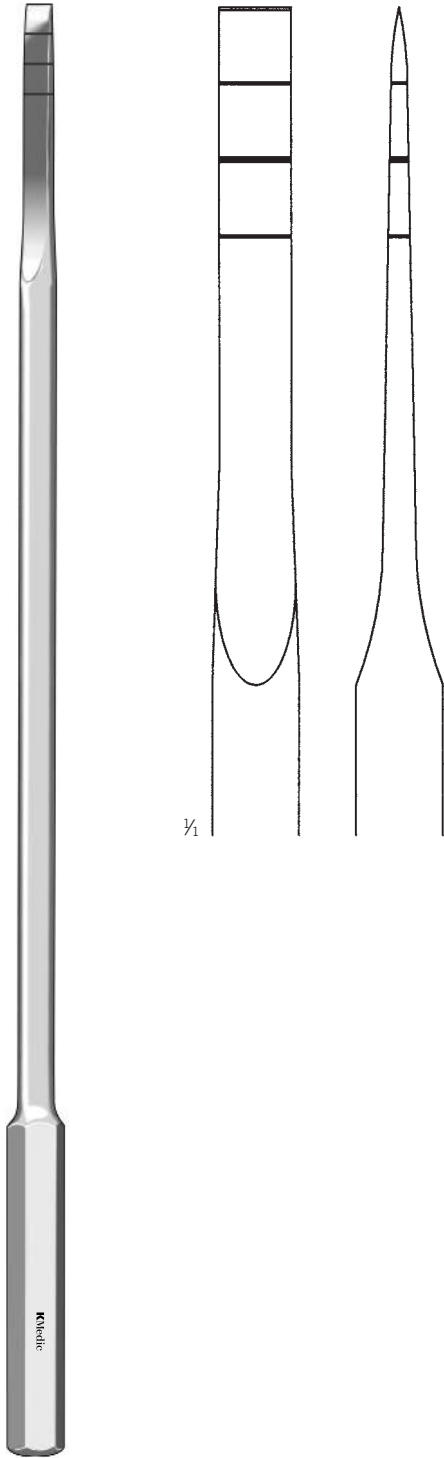


1/1
KM 49-036
reverse curve
5/32" (7mm) blade width

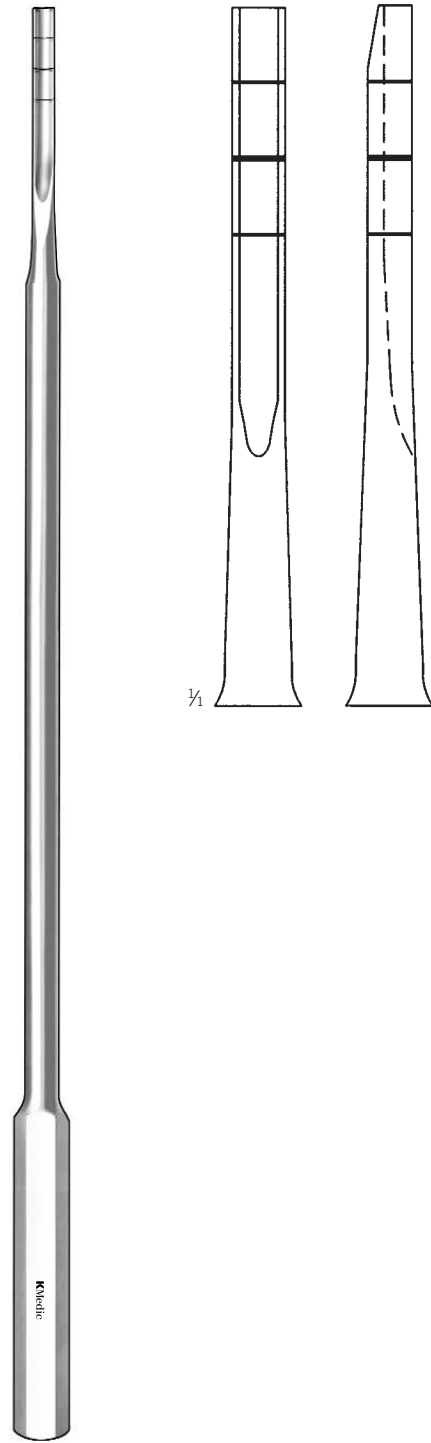
*SmartRack® for
Cobb-type Gouges shown
on page T3 (KM 98-170).*

OSTEOTOMES, CHISELS AND GOUGES

G
12



HIBBS OSTEOTOME endoscopic
 KM 55-642
 18½" with stainless steel handle
 ⅜" (10mm) tip width straight
 3½" tip length
 10¾" shaft length
 4¼" handle length
 .45" (11.5mm) shaft diameter

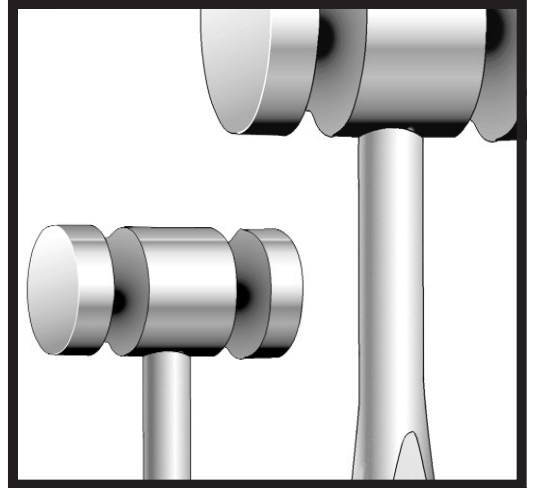


HIBBS GOUGE endoscopic
 KM 55-630
 18½" with stainless steel handle
 .28" (7mm) tip width straight
 3½" tip length
 10¾" shaft length
 4¼" handle length
 .45" (11.5mm) shaft diameter

KMedic[®]

SECTION H

BONE MALLETS AND TAMPS



*Mallets: To exert force on osteotomes,
chisels and gouges.*

Tamps: To wedge bone graft into place.

CONTENTS

Mallets	2
Tamps	6

All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

MALLETS

H
2



MINI MALLET
KM 49-765
7" solid stainless steel
weight: 4 oz. (120 grams)
head weight: 3 oz. (80 grams)
head diameter: 20mm



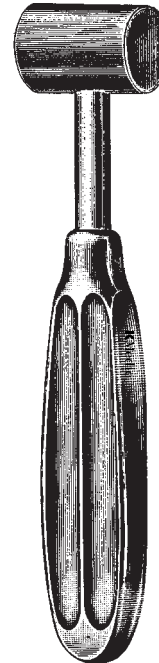
LUCAE BONE MALLET
KM 49-761
7½"
solid stainless steel
weight: 7 oz. (200 grams)
head weight: 3 oz. (80 grams)
head diameter: 19mm

KM 46-660
8" brass head
stainless steel handle
weight: 9 oz. (260 grams)
head weight: 5 oz. (150 grams)
head diameter: 25mm

*Note: Lead filled mallets should only be used to strike flat surfaces.
Do not use to hit sharp objects as doing so can cause lead to flake off.*



MALLET #49
KM 46-656
7¾" lead filled and faced
weight: 7 oz. (200 grams)
head weight: 5 oz. (150 grams)
head diameter: 22mm



GERZOG BONE MALLET
KM 46-661
7½" lead filled and faced
weight: 10 oz. (285 grams)
head weight: 7 oz. (200 grams)
head diameter: 25mm



Useful for hand surgery and in areas where access is limited.

Autoclavable to 290°F (143°C).

NARROW TIP Mallet

KM 49-764
8" with phenolic handle
weight: 7 oz. (200 grams)
head weight: 3 oz. (80 grams)
head diameter: 18mm x 18mm (square contact surface)
7mm (round contact surface)



COLLIN Mallet

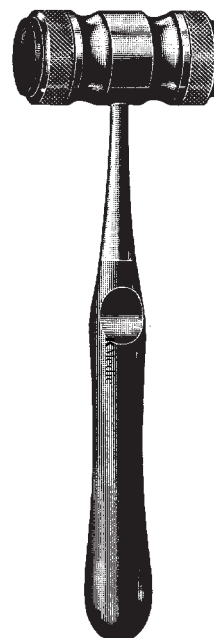
KM 49-760
8" solid stainless steel
weight: 7 oz. (200 grams)
head weight: 5 oz. (150 grams)
head diameter: 30mm



Autoclavable to 250°F (121°C).

Mallet lightweight

KM 46-662
7½" with two replaceable nylon caps
anodized aluminum handle
weight: 7 oz. (200 grams)
head weight: 4 oz. (120 grams)
head diameter: 25mm



Autoclavable to 250°F (121°C).

MEAD Mallet

KM 46-657
7½" with replaceable nylon caps
weight: 11 oz. (315 grams)
head weight: 6 oz. (170 grams)
head diameter: 20mm



HEATH Mallet heavyweight
KM 46-663
7½" solid stainless steel
weight: 2 lbs. (900 grams)
head weight: 1 lb. 4 oz. (570 grams)
head diameter: 40mm



BERGMAN Mallet
KM 49-766
9" with aluminum alloy handle
weight: 15 oz. (420 grams)
head weight: 9 oz. (260 grams)
head diameter: 30mm



BERGMAN Mallet
KM 49-767
9½" with aluminum alloy handle
weight: 1 lb. 1 oz. (470 grams)
head weight: 11 oz. (310 grams)
head diameter: 45mm



*Also known
as dead
blow mallet.*

*Grooved phenolic
handle for
comfortable grip.
Autoclavable to
250° F (121° C).*

REPROCUSSION FREE Mallet
KM 46-690
11½"
weight: 1 lb. 5 oz. (600 grams)
head weight: 10 oz. (285 grams)
head diameter: 32mm
dead blow mallet with phenolic handle,
one nylon cap and one stainless steel side



*Grooved phenolic
handle for comfortable
and safe grip.
Autoclavable to
290° F (143° C).*

PHENOLIC HANDLE Mallet
KM 46-688
10"
weight: 1 lb. 11 oz. (765 grams)
head weight: 1 lb. (455 grams)
head diameter: 35mm



ORTHOPEDIC Mallet lightweight
KM 46-666
10¾" solid stainless steel
weight: 2 lbs. (900 grams)
head weight: 1 lb. (455 grams)
head diameter: 32mm

MALLETS AND TAMPS

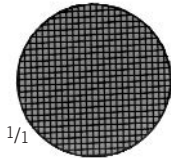


Grooved phenolic handle for comfortable and safe grip. Autoclavable to 290° F (143° C).

PHENOLIC HANDLE Mallet
KM 46-689
11"
weight: 2 lbs. 9 oz. (1160 grams)
head weight: 2 lbs. (900 grams)
head diameter: 45mm



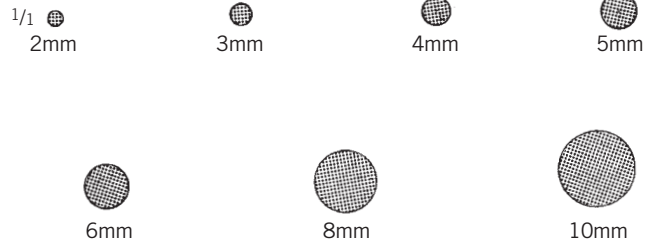
ORTHOPEDIC Mallet heavyweight
KM 46-667
10 1/2" solid stainless steel
weight: 3 lbs. (1360 grams)
head weight: 2 lbs. (900 grams)
head diameter: 48mm



Designed to tap bone graft or bone parts into place with minimal trauma to the bone. The compactor head is nylon with a grid surface to prevent slippage.

Autoclavable to 250° F (121° C).

BONE IMPACTOR
KM 69-980
6 1/2" with replaceable nylon caps
anodized aluminum handle
head diameter: 20mm

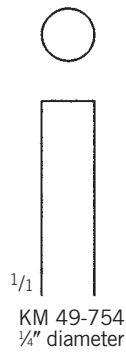
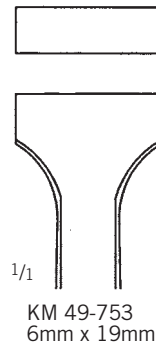
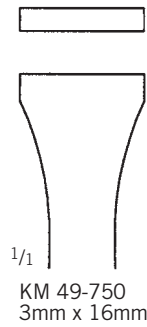
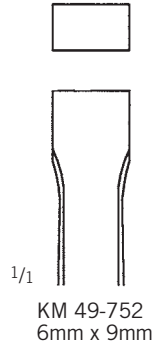
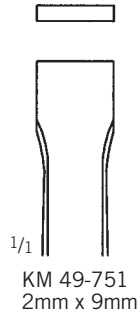


BONE TAMP 6" with cross serrated tip

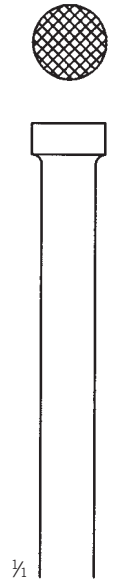
- KM 46-893 2mm diameter
- KM 46-894 3mm
- KM 46-895 4mm
- KM 46-896 5mm
- KM 46-897 6mm
- KM 46-898 8mm
- KM 46-899 10mm



BONE CHIP PACKER
10"



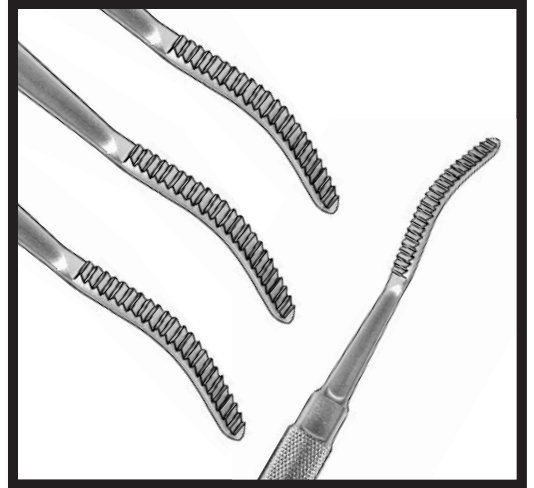
BONE TAMP endoscopic
KM 55-676
17" with stainless steel handle
3/8" diameter
.16" tip length
12.59" shaft length
4 1/4" handle length
.280" (7.1mm) shaft diameter



KMedic[®]

SECTION I

BONE FILES AND RASPS



To smooth, sculpt and clean bone.

CONTENTS

Bone Files	2-5
Bone Rasps	2-5

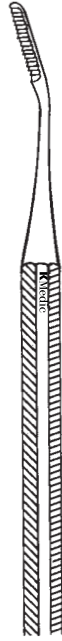
All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

BONE FILES AND RASPS

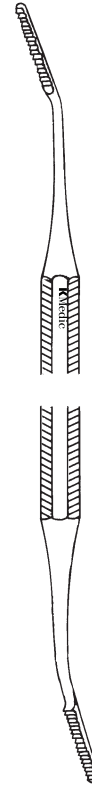
1
2



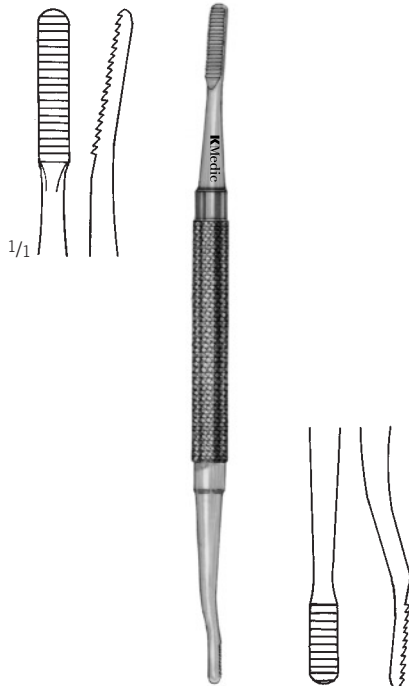
BONE FILE #92B
KM 69-534
6" single ended
2mm width angled
plain serrations
delicate



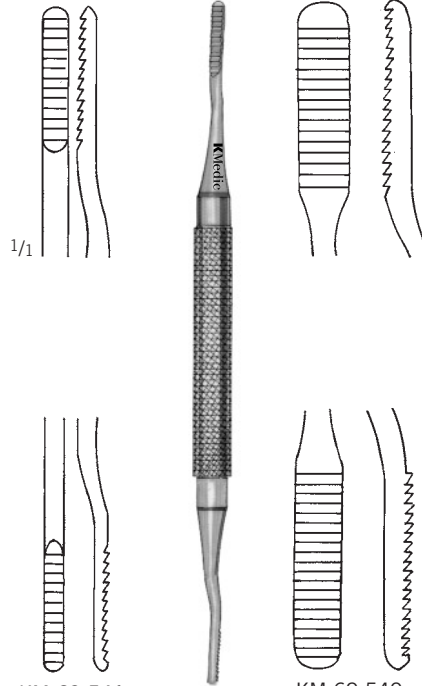
BONE FILE #92A
KM 69-530
6" single ended
2mm width angled
plain serrations
delicate



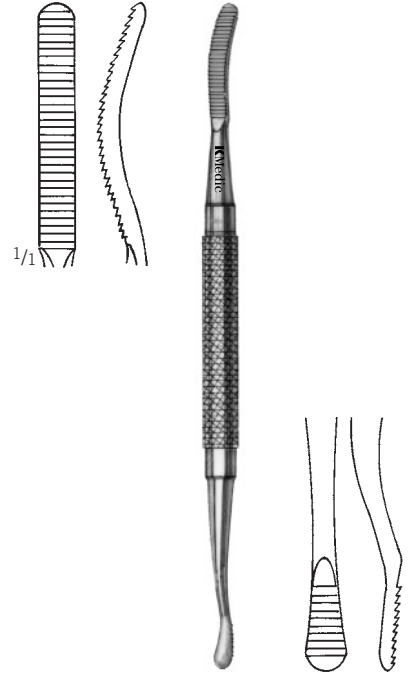
NAIL RASP #93
KM 69-538
6 3/4" double ended
2mm width angled



BONE RASP #64
KM 58-070
7" double ended
3mm and 4mm width



POLOKOFF RASP plain serrations
KM 69-541 7" double ended 3mm and 4mm width
KM 69-540 8 1/2" double ended 6mm width



BONE FILE #10
KM 69-542
7" double ended
5mm width
plain serrations

BONE FILES AND RASPS

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BONE FILE #12
KM 69-543
7" double ended
7mm and 5mm width
plain serrations

1/1

BONE FILE #12A
KM 69-544
7" double ended
5mm width
plain and cross serrations

1/1

BONE FILE #12CA
KM 69-545
7" double ended
5mm and 7mm width
cross serrations

1/1

BONE FILE #33
KM 69-546
7" double ended
6mm and 5mm width
plain serrations

1/1

BONE FILE #45
KM 69-549
7 1/4" double ended
6mm and 5mm width
plain serrations

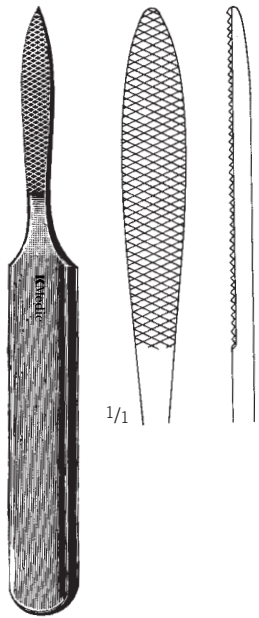
1/1

BONE RASP
KM 69-547
8 1/2" double ended
13mm width
fine and coarse cross serrations

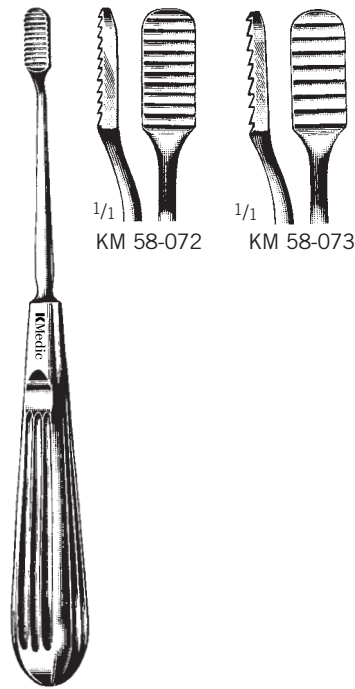
*For rapid shaping
of bone.*

BONE FILES AND RASPS

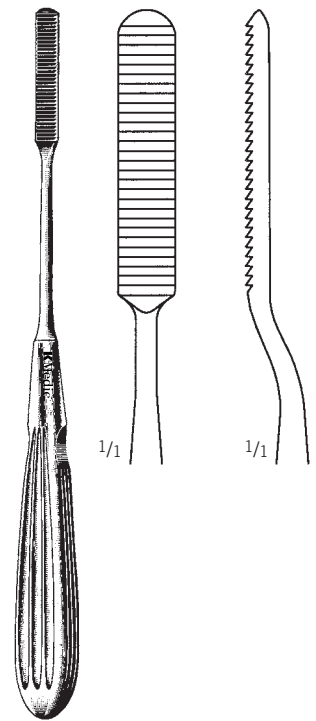
1
4



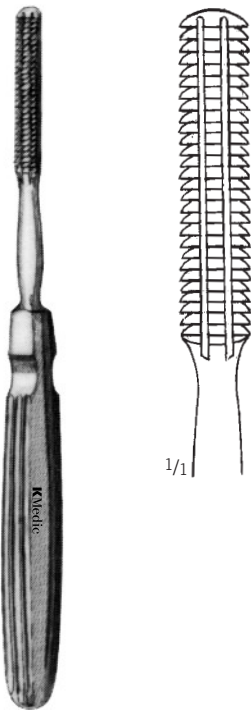
JOSEPH RASP
KM 58-068
6 1/4" single ended
8mm at widest point
fine cross serrations



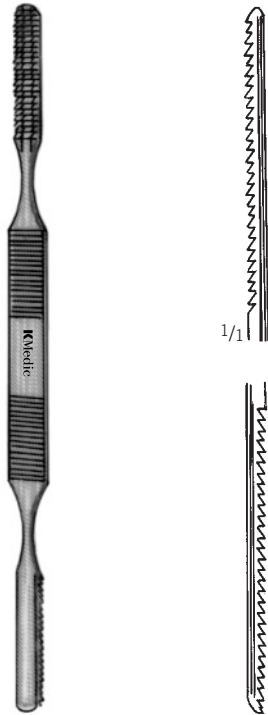
LEWIS RASP plain serrations
KM 58-072 7 1/2" fine
single ended
8mm width
KM 58-073 7 1/2" coarse
single ended
8mm width



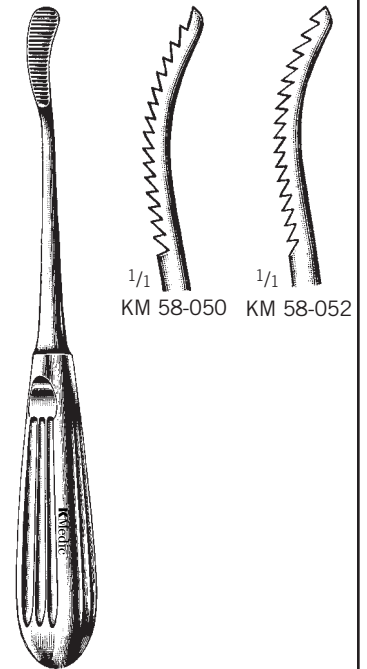
COTTLE RASP
KM 58-066
8" single ended
backward cutting
7.5mm width
plain serrations



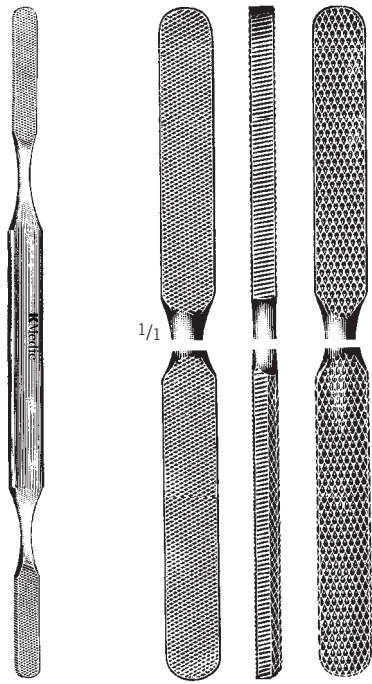
MALTZ RASP
KM 58-060
7" single ended
backward cutting
10mm width



MALTZ RASP IMPROVED
KM 58-062
8 3/4" double ended
8mm width
forward and backward cutting



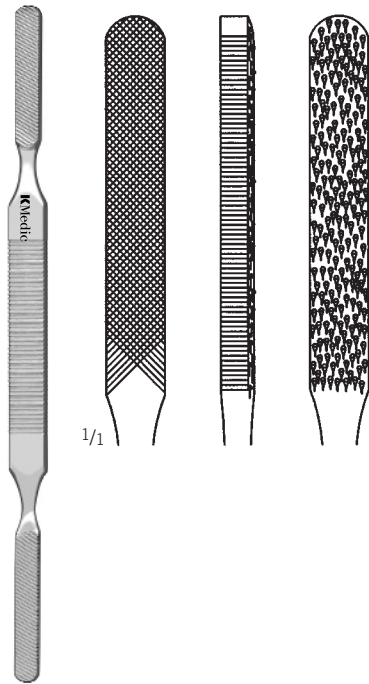
AUFRICHT RASP 8 3/4"
KM 58-050 single ended
forward cutting
9mm width
KM 58-052 single ended
backward cutting
9mm width



1/1

FOMON RASP

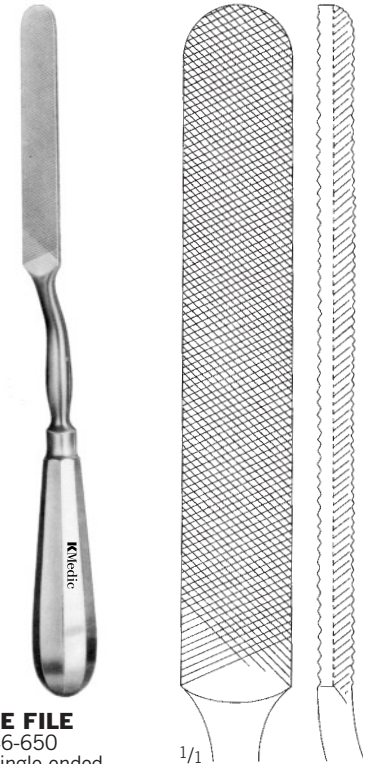
KM 46-655
8½" double ended
fine and coarse teeth
4-sided, convex and flat blades
8mm width



1/1

KLEINERT KUTZ RASP

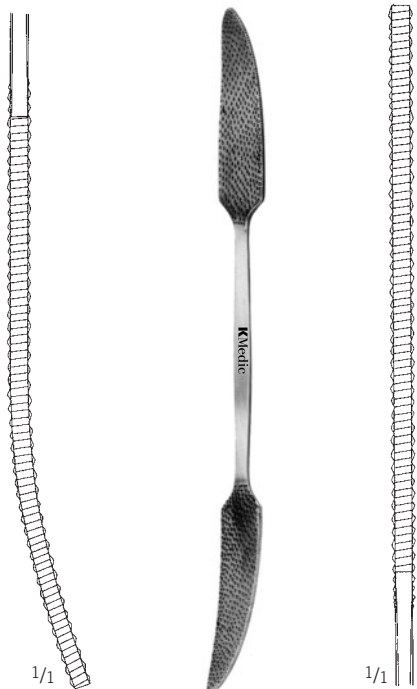
KM 46-653
8½" double ended
fine and coarse teeth
4-sided, convex and flat blades
8mm width



1/1

BONE FILE

KM 46-650
9½" single ended
bayonet shank
half round blade
fine teeth
15mm width

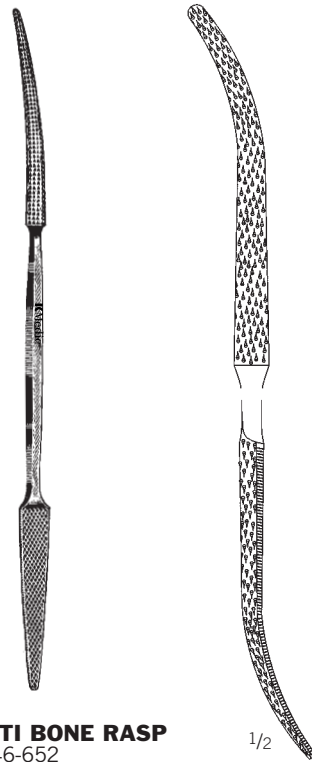


1/1

1/1

PUTTI BONE RASP

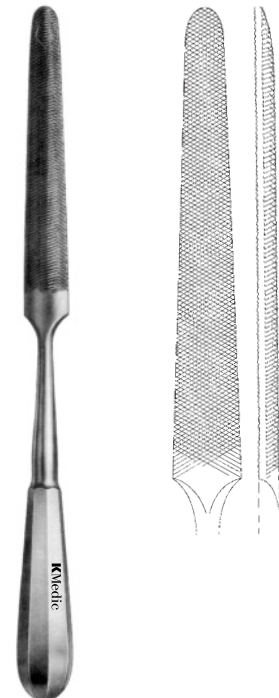
KM 46-654
10½" double ended
flat blades
18mm width tapers to 4mm
one end curved up
one end curved sideways



1/2

PUTTI BONE RASP

KM 46-652
12" double ended
one round blade
10mm width tapers to 4mm
and one half round blade
15mm width tapers to 5mm

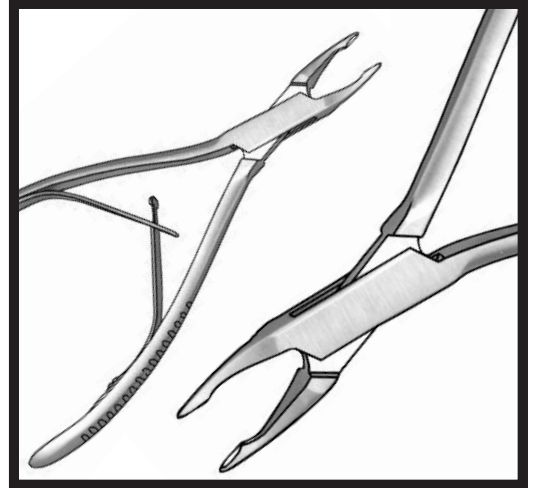


BONE FILE

KM 46-705
11" single ended
2-sided, convex and flat blade
23mm width tapers to 6mm

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BONE CUTTING INSTRUMENTS



To excise, trim and sculpt bone.

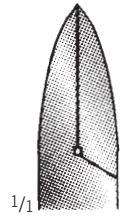
CONTENTS

Bone Cutting Forceps	2
Trephines	6
Rongeurs	7
Bone Saws	17
Bone Knives	18

All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

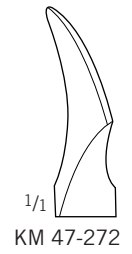
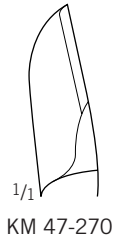
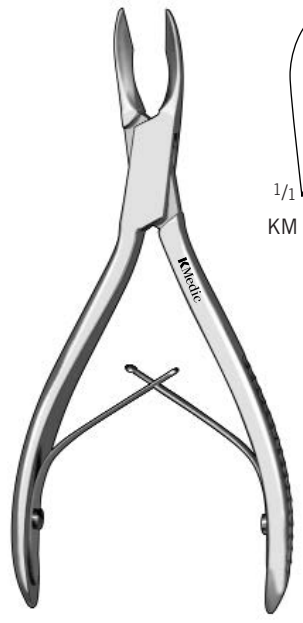
BONE CUTTING FORCEPS

J
2



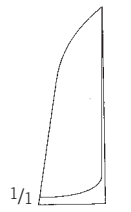
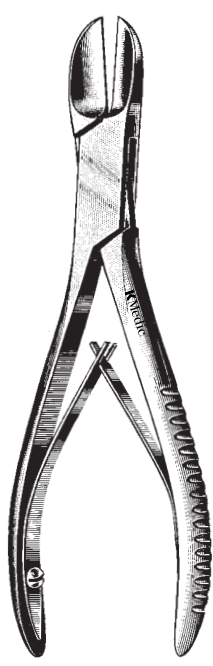
For small bones.

LITTAUER BONE FORCEPS
KM 69-340
6"

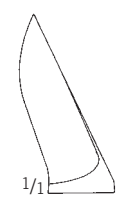


For small bones.

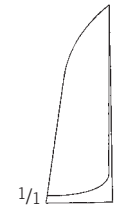
BONE CUTTING FORCEPS (CLEVELAND)
KM 47-270 5 3/4"
KM 47-272 6 1/2"



KM 47-398
5 1/2" straight



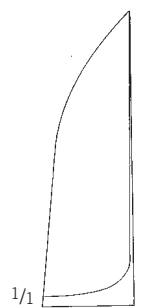
KM 47-410
5 1/2" angled on flat



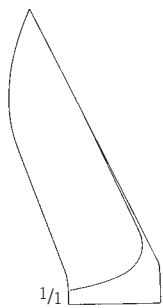
KM 47-400
6 3/4" straight



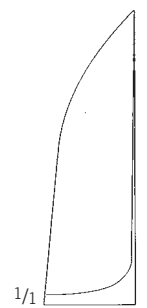
KM 47-404
6 3/4" angled on flat



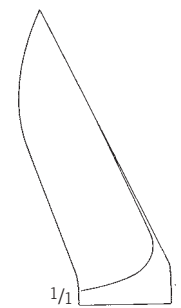
KM 47-402
7 1/2" straight



KM 47-412
7 1/2" angled on flat



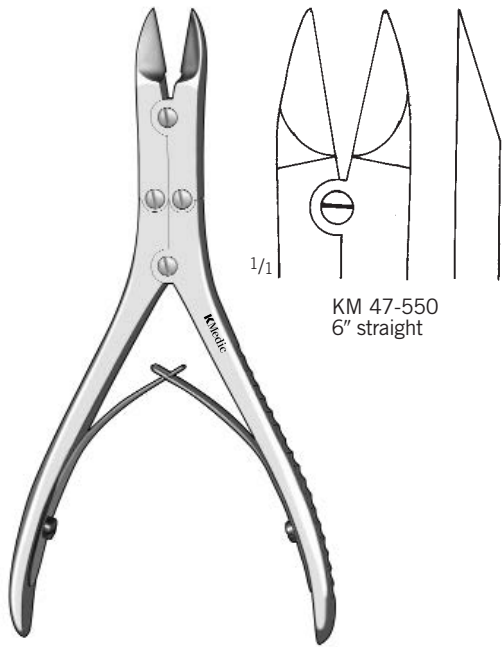
KM 47-406
8 1/2" straight



KM 47-408
8 1/2" angled on flat

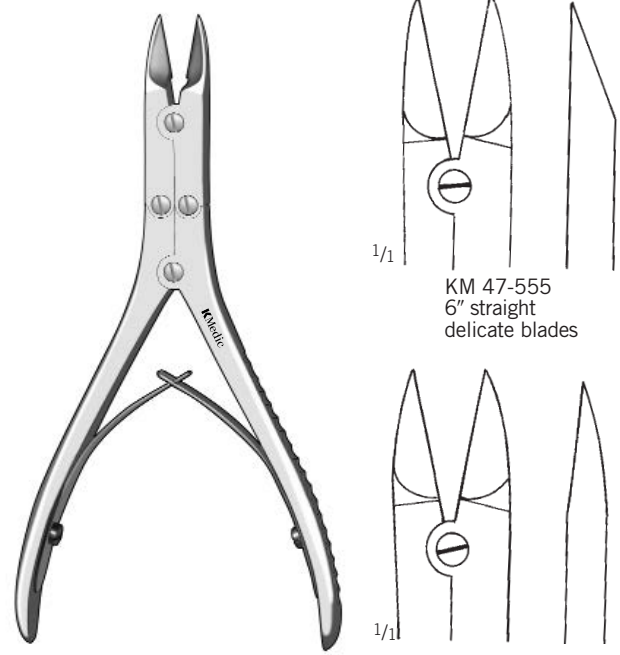
LISTON BONE FORCEPS

BONE CUTTING FORCEPS



KM 47-550
6" straight

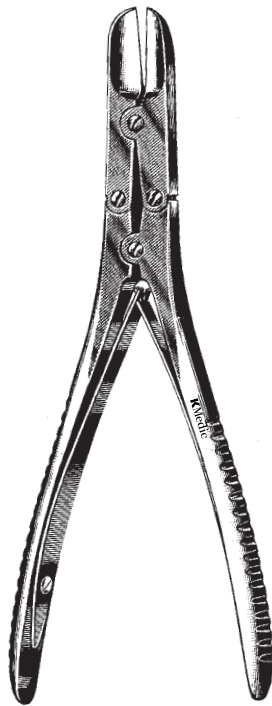
RUSKIN-LISTON FORCEPS



KM 47-555
6" straight
delicate blades

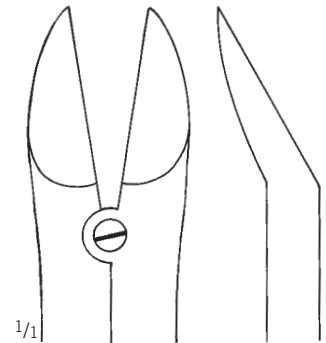
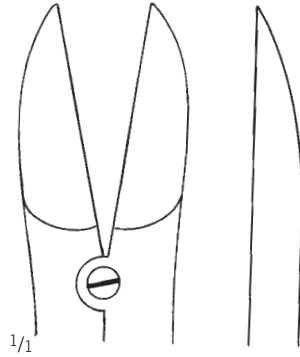
KM 47-557
6" curved
delicate blades

KLEINERT-KUTZ FORCEPS



KM 47-538
7½" straight

RUSKIN-LISTON FORCEPS



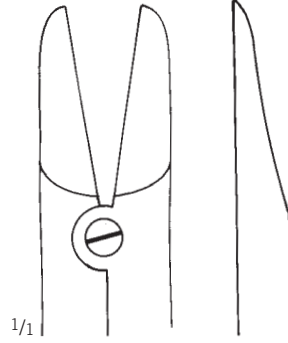
KM 47-542
7¼" angular

BONE CUTTING FORCEPS

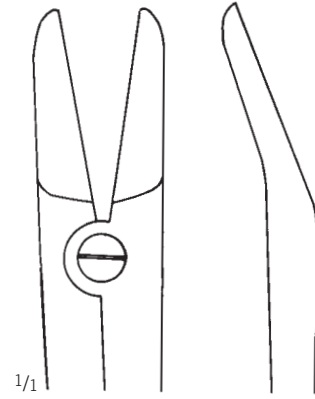
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RUSKIN-LISTON FORCEPS



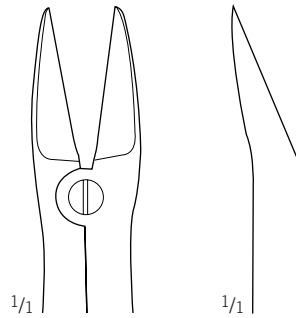
KM 47-540
7½" straight
delicate blades

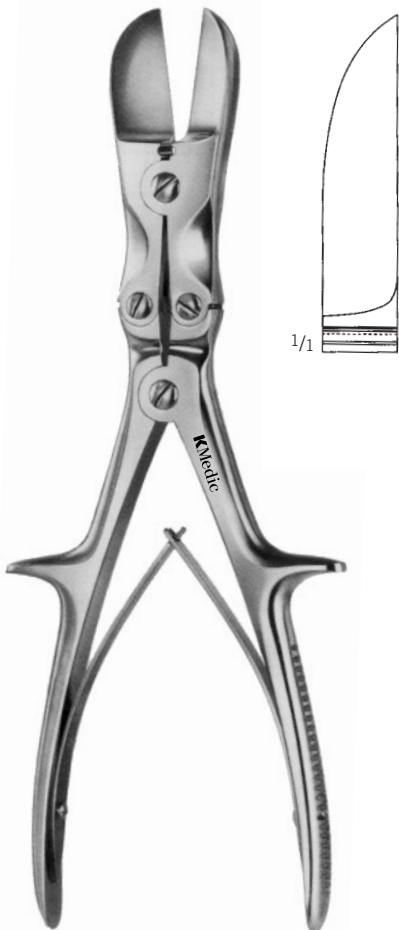


KM 47-541
7" angled on flat
delicate blades

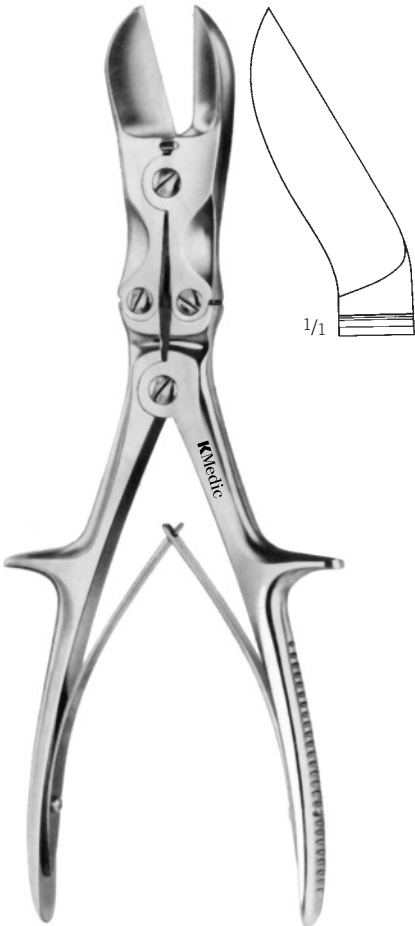


MCINDOE FORCEPS
KM 47-546
7" angled
very delicate blades

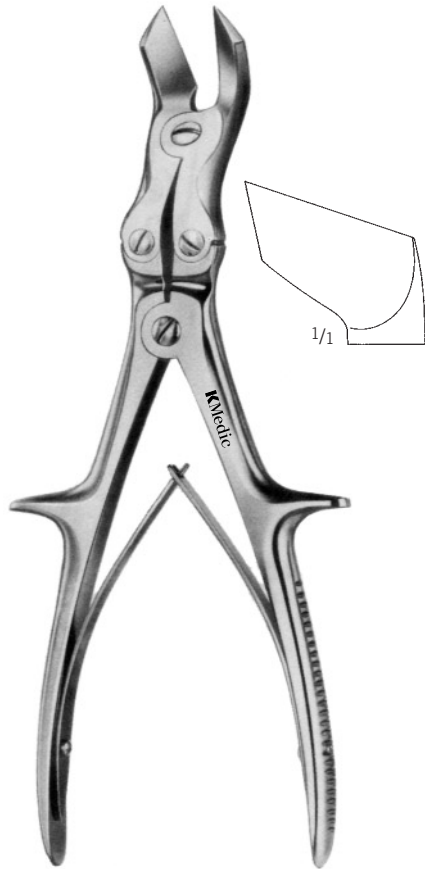




STILLE-LISTON FORCEPS
KM 47-366
10 1/2" straight



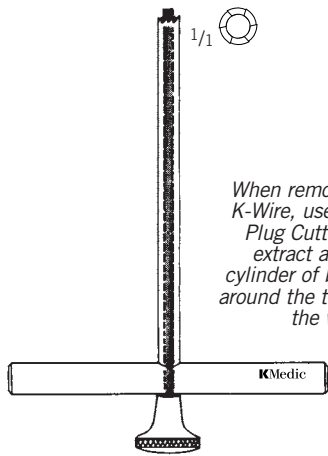
STILLE-LISTON FORCEPS
KM 47-370
10 1/2" angled on flat



STILLE-HORSLEY FORCEPS
KM 47-374
10 1/2" angled

TREPHINES

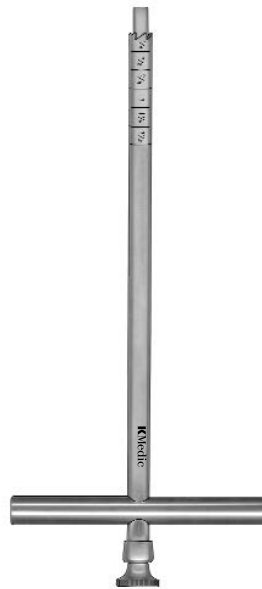
J
6



When removing K-Wire, use the Plug Cutter to extract a tiny cylinder of bone around the tip of the wire.

PLUG CUTTER

KM 48-252
4 1/2" with obturator
3mm inside diameter
5mm outside diameter

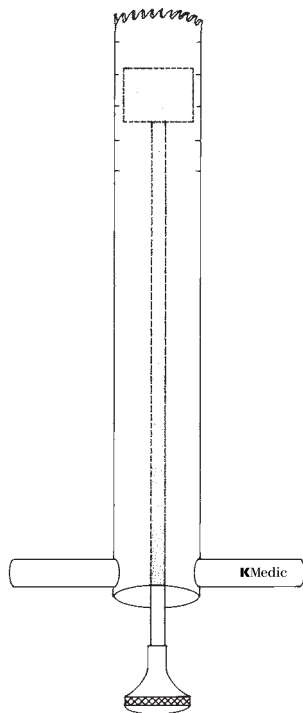


Designed for bone biopsy. Also facilitates removal of broken bone screws.

MICHELE TREPHINE 7"

KM 48-239	small	3mm i.d.	5mm o.d.
KM 48-240	medium	4mm i.d.	6mm o.d.
KM 48-241	large	6mm i.d.	8mm o.d.

i.d. = inside diameter
o.d. = outside diameter



PLUG CUTTER 6"

- These cutters are especially useful for arthrodesis of small and large joints by plug cutter graft technique.
- The plug cutters are designed to be used in pairs.
- The smaller diameter instrument will cut the plug opening and the larger one will harvest a bone graft that will fit into the opening.
- The plug can then be tapped into place using the Bone Impactor (KM 69-980).

1/1
KM 69-830
5mm inside diameter
7mm outside diameter

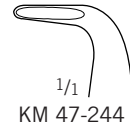
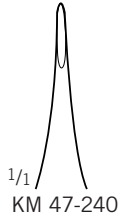
1/1
KM 69-832
7mm i.d.
9mm o.d.

1/1
KM 69-834
10mm i.d.
12mm o.d.

1/1
KM 69-836
12mm i.d.
14mm o.d.

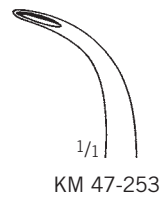
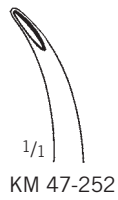
1/1
KM 69-838
20mm i.d.
22mm o.d.

1/1
KM 69-840
22mm i.d.
24mm o.d.



For soft tissue and cancellous bone only.

MICRO FRIEDMAN RONGEUR 5½" extremely delicate
 KM 47-240 straight 1.5x5mm bite
 KM 47-242 30° angled 1.5x5mm bite
 KM 47-244 90° angled 1.5x5mm bite

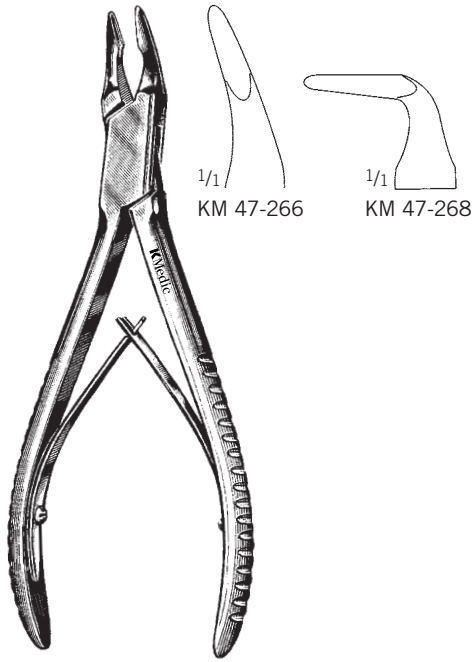


For soft tissue and cancellous bone only.

SYNOVECTOMY RONGEUR 6¾" extremely delicate
 KM 47-252 slight curve 2x5mm bite
 KM 47-253 strong curve 2x5mm bite

RONGEURS

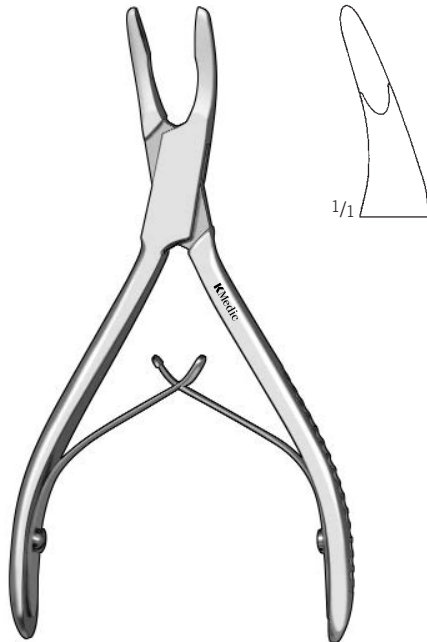
J
8



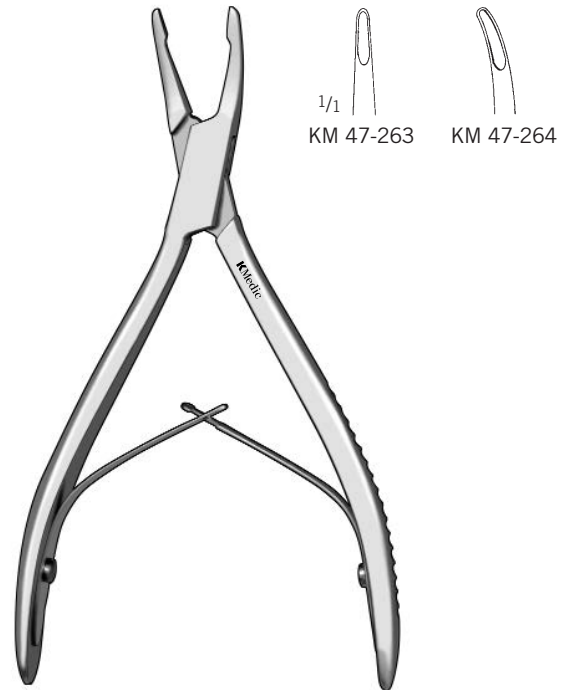
DEAN (BLUMENTHAL) RONGEUR 6"
 KM 47-266 KM 47-268
 curved 30° curved 90°
 4x11mm bite 4x11mm bite



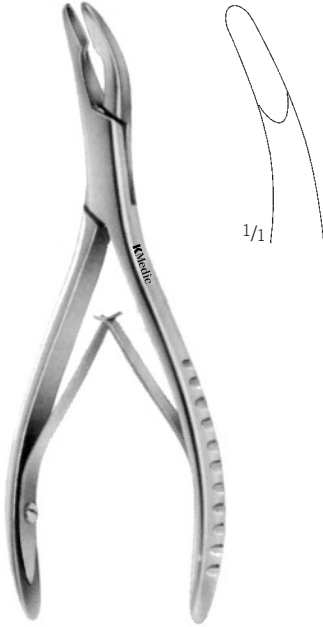
CHICHIRELLI RONGEUR (BLUMENTHAL)
 KM 47-267
 6"
 curved 45°
 4x13mm bite



FRIEDMAN RONGEUR
 KM 47-262
 5 1/2" curved delicate
 4x11mm bite



MINI FRIEDMAN RONGEUR 6"
 KM 47-263 KM 47-264
 straight delicate curved delicate
 2x8mm bite 2x8mm bite



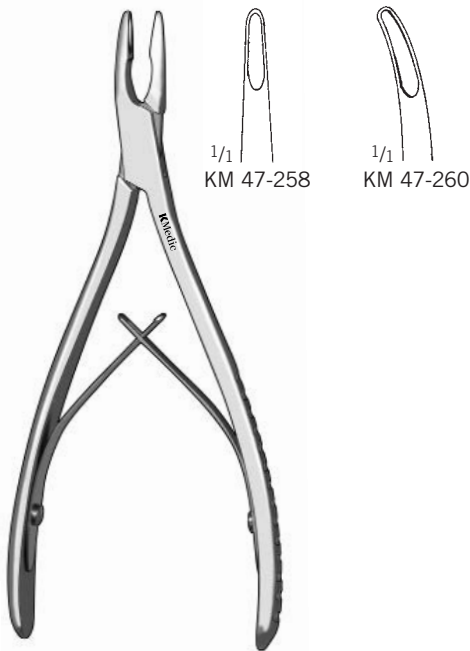
DEAN RONGEUR
KM 47-286
5 3/4" curved
3x10mm bite



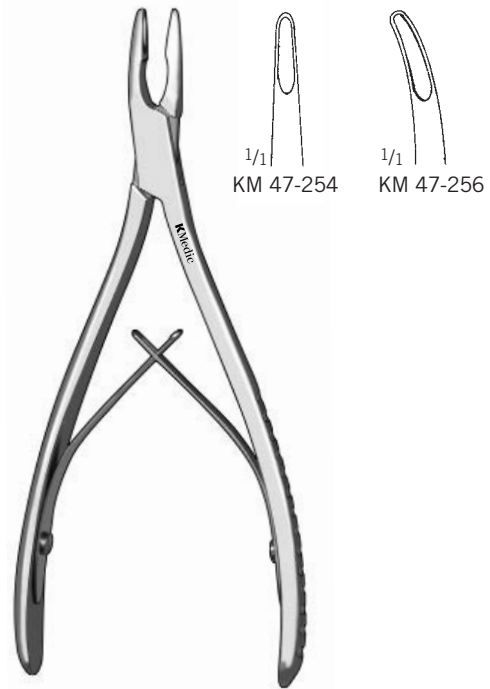
RONGEUR #4
KM 47-274
5 1/2" curved
4x9mm bite



RONGEUR #4A
KM 47-275
6 1/2" curved
4x7mm bite



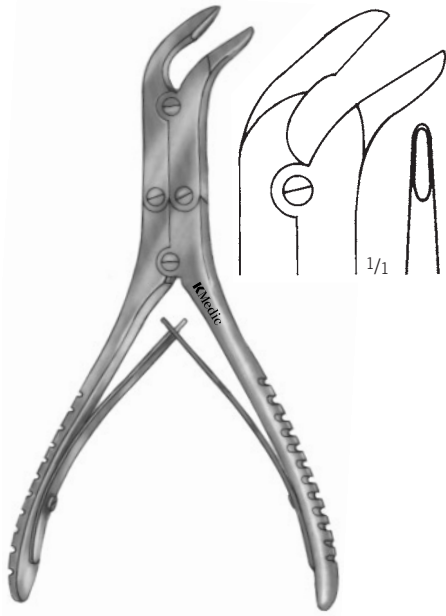
LEMPERT RONGEUR 6"
KM 47-258 KM 47-260
straight delicate curved delicate
3x7mm bite 3x7mm bite



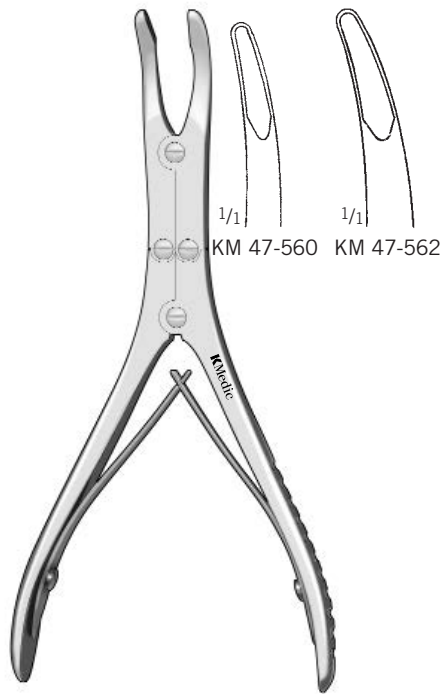
LEMPERT RONGEUR 7 1/2"
KM 47-254 KM 47-256
straight delicate curved delicate
3x7mm bite 3x7mm bite

RONGEURS

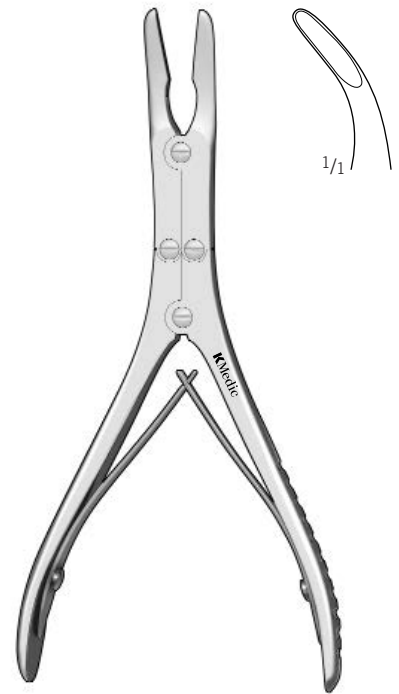
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10



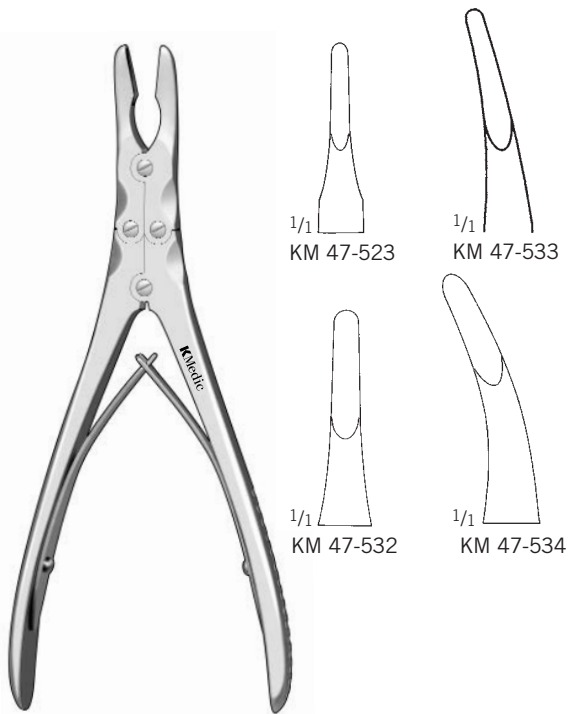
**KLEINERT-KUTZ
SYNOVECTOMY RONGEUR**
KM 47-553
6" curved on side
delicate
2x10mm bite



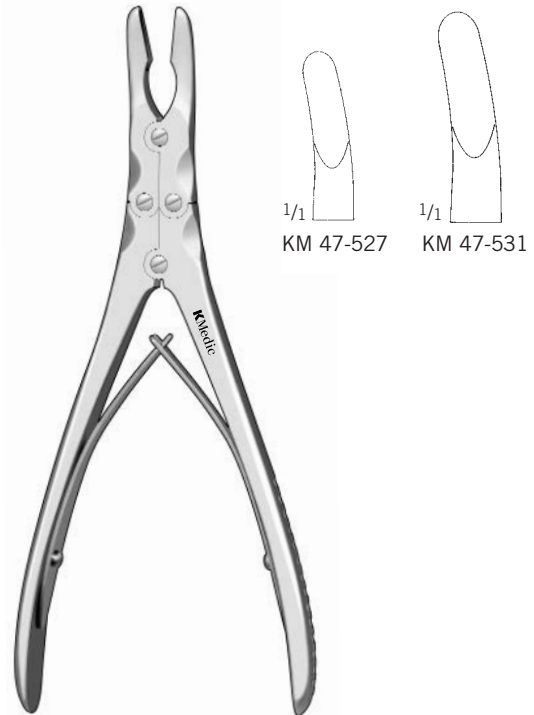
**KLEINERT-KUTZ
SYNOVECTOMY RONGEUR**
KM 47-560 KM 47-562
6" slight curve 6" slight curve
delicate delicate
2x13mm bite 3x16mm bite



**KLEINERT-KUTZ
SYNOVECTOMY RONGEUR**
KM 47-558
6" full curve
delicate
3x8mm bite



RUSKIN RONGEUR 6"
straight
KM 47-523 2x14mm bite
KM 47-532 3x15mm bite
curved
KM 47-533 2x15mm bite
KM 47-534 3x15mm bite



RUSKIN RONGEUR 7 1/4"
straight
KM 47-526 4x16mm bite
KM 47-528 6x16mm bite
curved
KM 47-527 4x16mm bite
KM 47-531 6x16mm bite

RUSKIN RONGEUR
KM 47-525
7 1/2" curved
5x10mm bite

ZAUFAL-JANSEN RONGEUR
KM 47-524
7" curved
5x15mm bite

BEYER RONGEUR
KM 47-520 KM 47-522
7" curved 7" curved
3x14mm bite 4x15mm bite

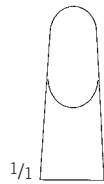
BANE RONGEUR
KM 47-310
7" curved
3x16mm bite

MEAD RONGEUR
KM 47-276
6 1/2" curved
4x13mm bite

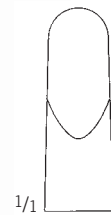
HARTMANN RONGEUR
KM 47-285
7 1/4" curved
4x16mm bite

RONGEURS

J
12



BACON RONGEUR
KM 47-308
8" curved on side
5x15mm bite

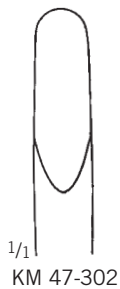
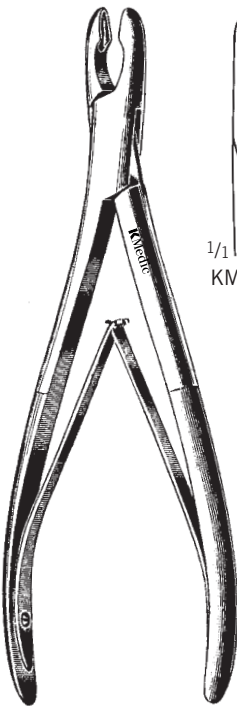


KM 47-278



KM 47-284

LUER RONGEUR
KM 47-278 KM 47-284
7" straight 7" curved
8x12mm bite 8x12mm bite

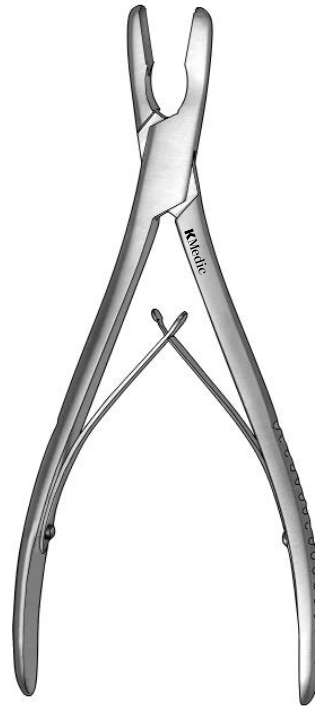


KM 47-302



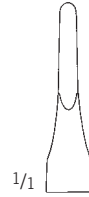
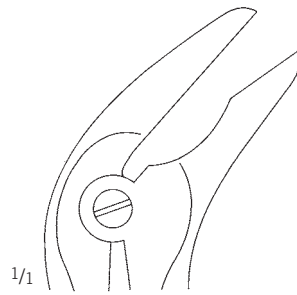
KM 47-306

ADSON RONGEUR
KM 47-302 KM 47-306
8" straight 8" curved
7x15mm bite 7x15mm bite



Teeth facilitate easier bone excision.

RAT TOOTH RONGEUR
KM 47-304
8" straight with teeth
8x15mm bite



KM 47-480
2x12mm bite

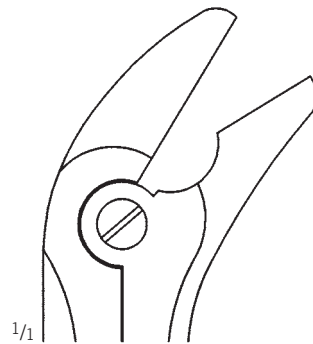


KM 47-482
3x12mm bite



KM 47-484
4x12mm bite

ECHLIN DUCKBILL RONGEUR 9" straight, curved on side



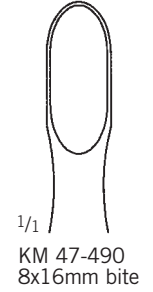
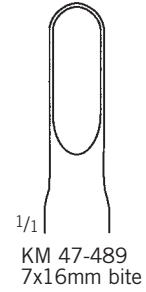
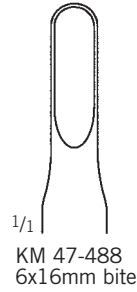
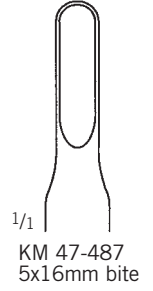
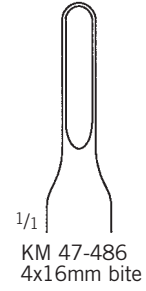
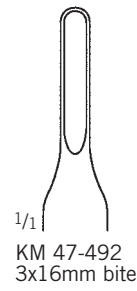
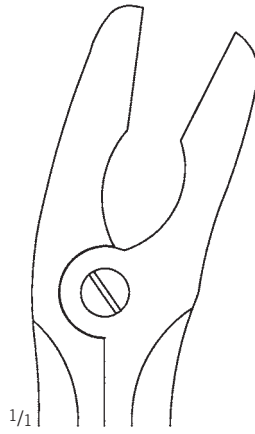
STILLE-LUER ECHLIN RONGEUR
KM 47-473
9" straight, curved on side
6x15mm bite

RONGEURS

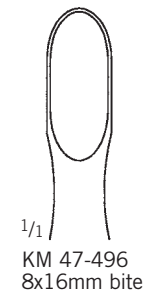
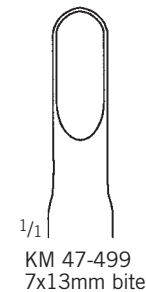
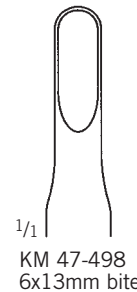
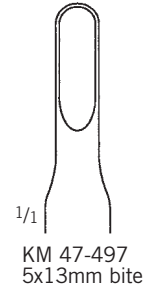
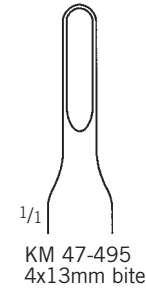
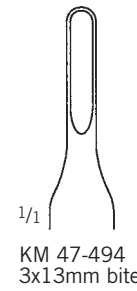
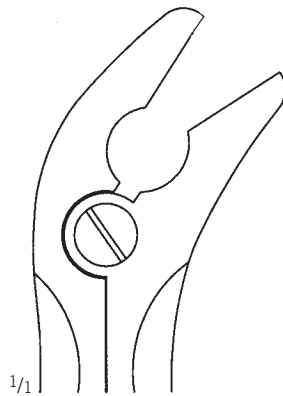
J
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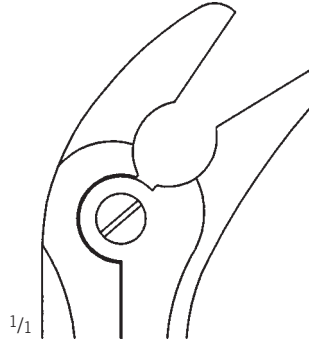
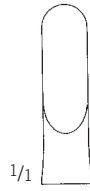


LEKSELL RONGEUR 9"
15° curve



LEKSELL RONGEUR 9"
50° curve





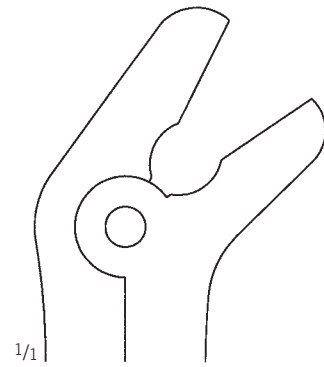
STILLE-LUER DUCKBILL RONGEUR
 KM 47-472
 9" curved on side
 6x13mm bite



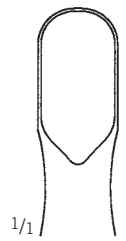
straight
 KM 47-458 8½"
 KM 47-462 10½"
 10x18mm bite



curved
 KM 47-460 8½"
 KM 47-464 10½"
 10x18mm bite



curved on side
 KM 47-461 8½"



KM 47-461
 10x16mm bite

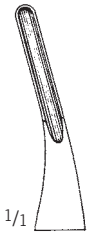
STILLE-LUER RONGEUR

RONGEURS

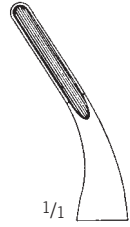
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16



1/1
KM 47-474
straight
3x16mm bite

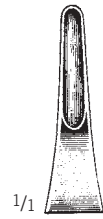


1/1
KM 47-476
curved
3x16mm bite



1/1
KM 47-478
full curved
3x16mm bite

SMITH-PETERSON LAMINECTOMY RONGEUR 9½"



1/1

DALE THORACIC RONGEUR 14½" slight curve
KM 47-396
3x16mm bite



1/1
KM 47-380
4x16mm bite



KM 47-382
5x16mm bite

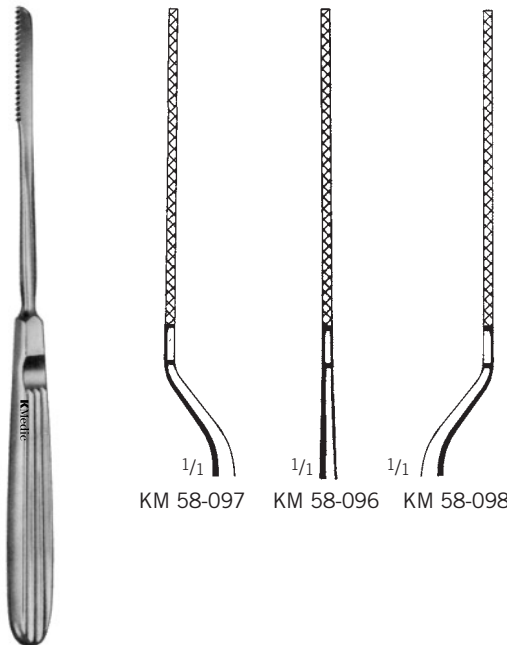


KM 47-384
8x16mm bite



KM 47-386
12x16mm bite

SYPERT RONGEUR 14½"

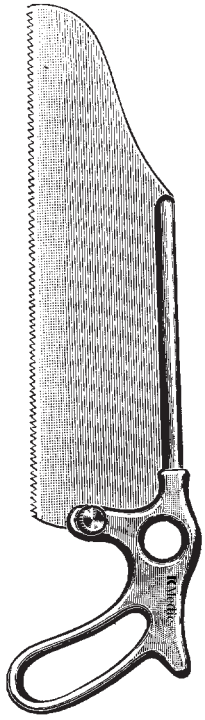


1/1 KM 58-097 1/1 KM 58-096 1/1 KM 58-098

JOSEPH BONE SAW 7"
 KM 58-096 straight
 KM 58-097 bayonet left
 KM 58-098 bayonet right



LANGENBECK METACARPAL SAW
 KM 46-601
 9"



SATTERLEE BONE SAW
 KM 46-643 KM 46-644
 11½" complete blade only
 with ring handle

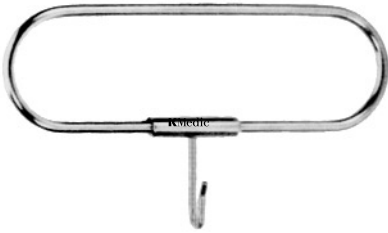


CHARRIERE BONE SAW
 stainless steel frame, chrome blade
 KM 46-645 KM 46-646
 10½" complete blade only
 chrome



CHARRIERE BONE SAW
 stainless steel frame, chrome blades
 KM 46-683 14" complete
 KM 46-684 12mm chrome blade only
 KM 46-685 14mm chrome blade only

BONE SAWS AND KNIVES



KM 46-616
loop style
3½" wide
one pair

KM 46-610
loop style
with snap lock
3½" wide
one pair

*For cutting hard bone
in difficult areas or
situations.*



KM 46-617
T-style
2½" wide
one pair

GIGLI SAW HANDLES

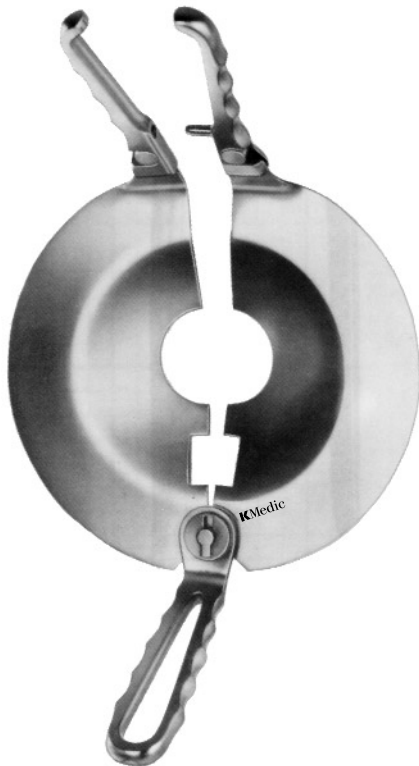


enlarged detail



GIGLI SAW BLADES

- KM 46-612 9"
- KM 46-613 12"
- KM 46-614 20"
- KM 46-615 30"



PERCY AMPUTATION SHIELD
KM 46-602
12"



LISTON AMPUTATION KNIFE
KM 46-598 6¾" blade
KM 46-600 8" blade

KMedic[®]

SECTION K

SPINAL RONGEURS AND PUNCHES



To grasp or excise tissue, degenerated disc material or bone during neurological and spinal surgical procedures.

CONTENTS

Intervertebral Disc Rongeurs	5
The KMedic CleanPunch	8
Laminectomy Punches	12
Cervical Punches	14
Foramenotomy Punches	14
Endoscopic Rongeurs and Punches	15

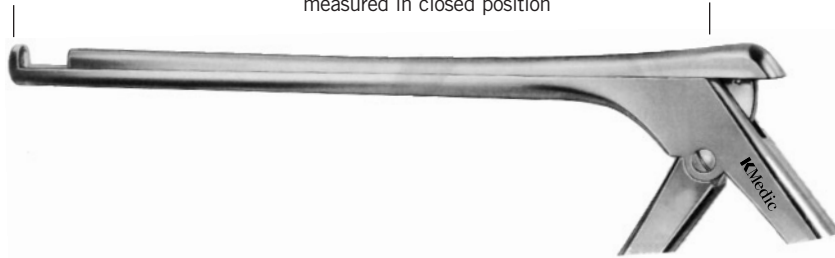
All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

SPINAL RONGEURS AND PUNCHES

K
2

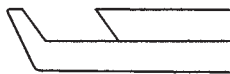
IDENTIFICATION CHART

SHAFT LENGTH
measured in closed position



BITE STYLES punch jaws, thin footplate

Forward 40°



Up 90°

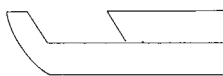


Down 90°

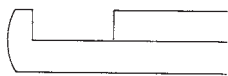


BITE STYLES punch jaws, regular footplate

Forward 40°



Up 90°



Down 90°



BITE STYLES cup jaws

Straight



Up

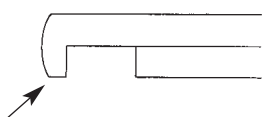


Down



PUNCH JAWS

Foot plate



Bite opening



Bite size



Bite size is etched on handles of spinal rongeurs and punches.

HANDLE STYLES



STYLE I
Ring handle
handle height: 4"



STYLE II
Kerrison Handle
handle height: 6¼"



STYLE III
Love-Kerrison Handle
(Cherry)
handle height: 6"



STYLE IV
Large Kerrison Handle
handle height: 6¼"

All KMedic spinal rongeurs and punches have bite size etched on handles for easy identification.

SPINAL RONGEURS AND PUNCHES

K
4

HANDLE STYLES



STYLE V
Small Kerrison Handle
handle height: 5"



STYLE VI
Ferris-Smith
Kerrison Ring Handle
handle height: 5"



STYLE VII
Spurling Kerrison Handle
handle height: 4³/₄"
Wider grip improves
comfort and control.



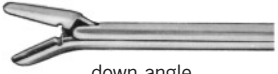


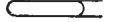
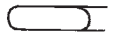
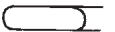
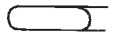





STYLE VIII
Medium Kerrison Handle
handle height: 5¹/₄"

All KMedic spinal rongeurs and punches have bite size etched on handles for easy identification.



**INTERVERTEBRAL
DISC RONGEUR**
(Handle style I)

 <p>straight</p>	 <p>up angle</p>	 <p>down angle</p>
 1/1 <p>CUSHING 2x10mm bite straight</p> <p>KM 47-710 5" KM 47-730 7"</p>	 1/1 <p>2x10mm bite up angle</p> <p>KM 47-712 5" KM 47-732 7"</p>	 1/1 <p>2x10mm bite down angle</p> <p>KM 47-714 5" KM 47-734 7"</p>
 1/1 <p>LOVE-GRUENWALD 3x10mm bite straight</p> <p>KM 47-760 5" KM 47-780 7"</p>	 1/1 <p>3x10mm bite up angle</p> <p>KM 47-762 5" KM 47-782 7"</p>	 1/1 <p>3x10mm bite down angle</p> <p>KM 47-764 5" KM 47-784 7"</p>
 1/1 <p>SPURLING 4x10mm bite straight</p> <p>KM 47-800 5" KM 47-840 7"</p>	 1/1 <p>4x10mm bite up angle</p> <p>KM 47-802 5" KM 47-842 7"</p>	 1/1 <p>4x10mm bite down angle</p> <p>KM 47-804 5" KM 47-844 7"</p>
















SPINAL IVD RONGEURS

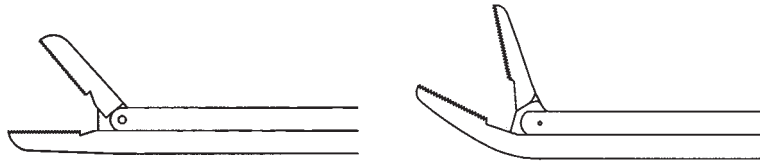
K
6




FERRIS-SMITH INTERVERTEBRAL DISC RONGEUR 7" shaft
(Handle style VI)

Ring handle lessens chance of slippage.


 straight	 up angle	 down angle
 1/1 2x10mm bite straight KM 47-858	 1/1 2x10mm bite up KM 47-860	 1/1 2x10mm bite down KM 47-862
 1/1 3x10mm bite straight KM 47-864	 1/1 3x10mm bite up KM 47-866	 1/1 3x10mm bite down KM 47-868
 1/1 4x10mm bite straight KM 47-870	 1/1 4x10mm bite up KM 47-872	 1/1 4x10mm bite down KM 47-874
 1/1 6x12mm bite straight KM 47-878	 1/1 6x12mm bite up KM 47-873	 1/1 6x12mm bite down KM 47-875



 1/1
KM 47-700
2x10mm bite
straight

 1/1
KM 47-703
3x10mm bite
up angle

 1/1
KM 47-702
3x10mm bite
straight

 1/1
KM 47-704
4x10mm bite
straight



SCHLESINGER INTERVERTEBRAL DISC RONGEUR
(Handle style I)
6" shaft
serrated jaws

 1/1
KM 47-707
small
4x9mm bite

 1/1
KM 47-708
medium
5x10mm bite

 1/1
KM 47-709
large
6x11mm bite



WILDE INTERVERTEBRAL DISC RONGEUR
(Handle style I)
5" shaft
fenestrated jaws

KMedic CleanPunch™

- The first Kerrison that can be completely cleaned—eliminating all debris between shafts
- Extremely precise cutting action—surgery proceeds smoothly
- Easily disassembles and reassembles—all parts remain connected
- A KMedic exclusive—advanced patent-pending design



In most punches, tissue and debris get trapped between the top and bottom shafts. This “buildup” is not only unsanitary; it adversely affects the functioning of the instrument. Which slows down procedures and can distract the surgeon. This problem is caused by the typical punch design...which does not allow parts to be disassembled and properly cleaned.

The KMedic CleanPunch is the first Kerrison that easily disassembles and reassembles to ensure surgeons benefit from a clean, smooth cutting action. The product of fine craftsmanship and superior technology, the CleanPunch—like all KMedic Certified Instruments—is designed and manufactured to perform impeccably.

Completely Clean

With total access to the top shaft, debris is quickly removed. Cleaning requires no scraping or “excavating”, which can damage an instrument and delay surgery.

Simple to Open and Close

To open, simply turn knob arrow to “open” and pull back the top slider. To close: align top slider and bottom shaft, push slider forward, and turn knob arrow back to “close.”

Remains in One Piece

The KMedic CleanPunch remains in one piece throughout disassembly and reassembly. Patent-pending design ensures there’s no possibility of losing or switching parts.

Ergonomic Design

The custom-designed handle has a wider grip for optimum control and comfort. In addition, it reduces fatigue and enhances concentration.

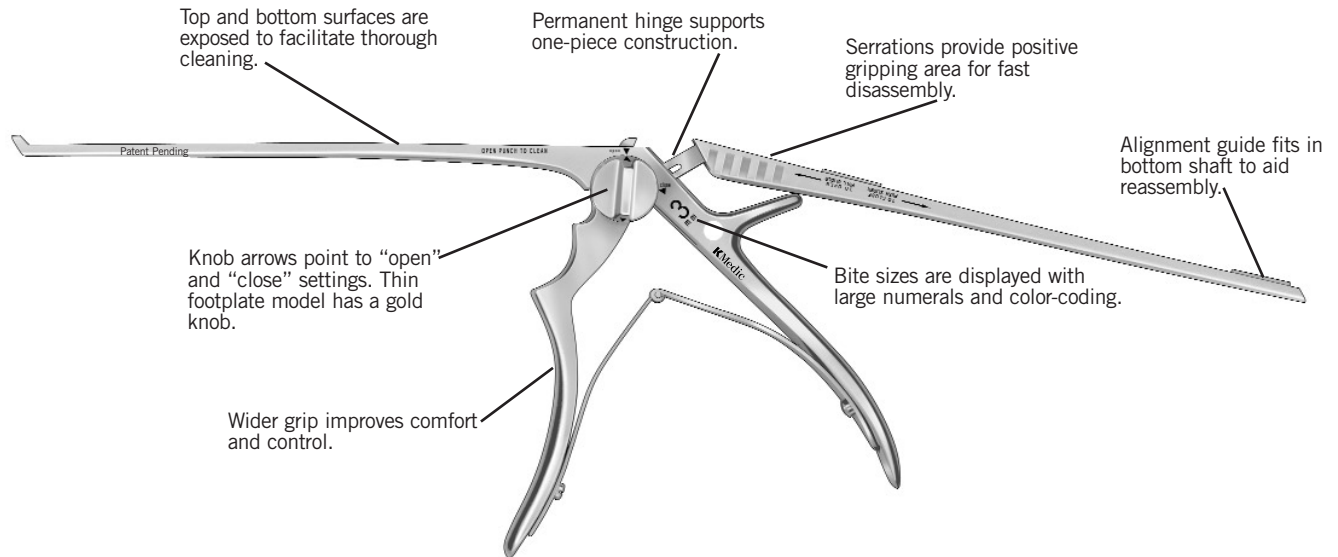
Greater Flexibility

The CleanPunch is available in 7” and 8” shaft lengths with regular and thin footplates, from 1 to 6mm bites. See pages 10-11 for complete listing.

A KMedic Exclusive

The patent-pending CleanPunch conforms to the exacting standards that distinguish all KMedic Certified Instruments. Look to KMedic for new and innovative solutions for spinal procedures.

KMedic CleanPunch™



Features and benefits:

- Patent-pending design enables the instrument to be completely cleaned, eliminating the “buildup” of bone, tissue and fluids that cause sticking and resistance to action.
- Provides a consistently smooth cutting action.
- Eliminates distractions that interrupt a surgeon’s concentration required in delicate spinal procedures.
- Instant identification enables surgeons to quickly locate the right bite size. (Large, legible mm sizes are etched on handles, as well as color coded.)

Color coded for instant bite size recognition

- 1mm - Red
- 2mm - Blue
- 3mm - Yellow
- 4mm - Black
- 5mm - Green
- 6mm - White

Handling the KMedic CleanPunch™

To open:

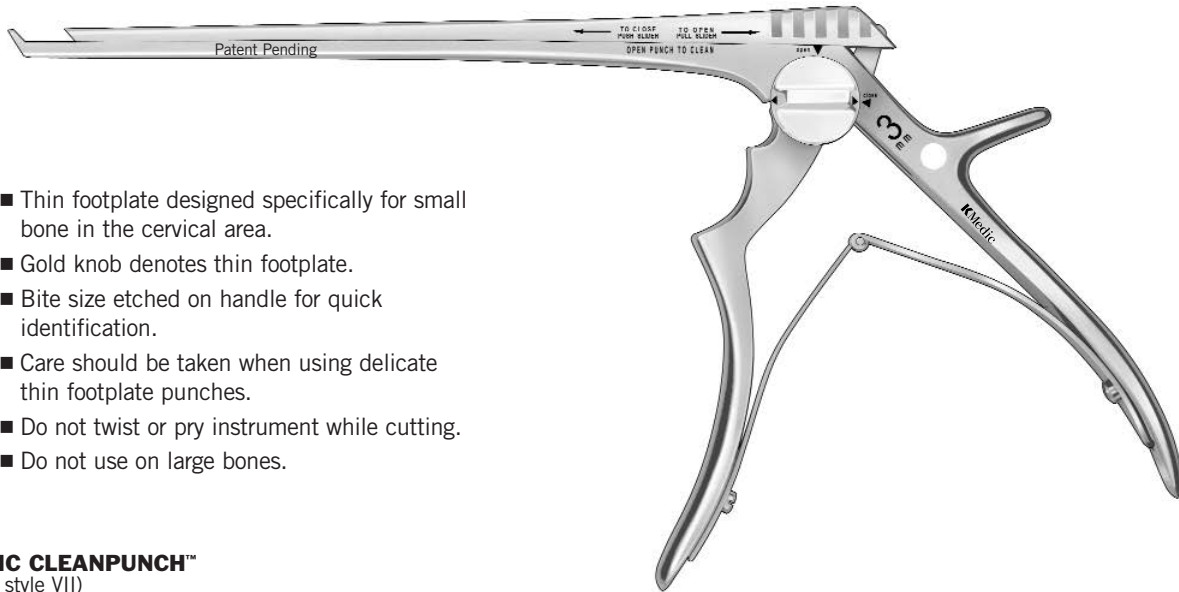
1. Hold punch in left hand. Turn knob to “open” position (align arrows).
2. Push knob up with left thumb. Grip top slider on serrations with right hand and pull back.
3. Clean interior surfaces.

To close:

1. Put knob in “open” position.
2. Align guides on top slider.
3. Push top slider forward until it clicks into place.
4. Turn knob to “close” position.
5. Test for proper functioning.

See page T5 for CleanPunch Rack which holds six CleanPunches during cleaning and sterilization.

SPINAL PUNCHES

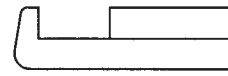


- Thin footplate designed specifically for small bone in the cervical area.
- Gold knob denotes thin footplate.
- Bite size etched on handle for quick identification.
- Care should be taken when using delicate thin footplate punches.
- Do not twist or pry instrument while cutting.
- Do not use on large bones.

KMEDIC CLEANPUNCH™
(Handle style VII)



Forward 40° Thin Footplate



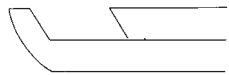
Up 90° Thin Footplate

<p>□ 1/1</p> <p>1mm bite forward</p> <p>KM 59-151 thin footplate 7" KM 59-211 thin footplate 8"</p>	<p>□ 1/1</p> <p>1mm bite up</p> <p>KM 59-152 thin footplate 7"</p>
<p>□ 1/1</p> <p>2mm bite forward</p> <p>KM 59-154 thin footplate 7" KM 59-214 thin footplate 8"</p>	<p>□ 1/1</p> <p>2mm bite up</p> <p>KM 59-155 thin footplate 7"</p>
<p>□ 1/1</p> <p>3mm bite forward</p> <p>KM 59-156 thin footplate 7" KM 59-216 thin footplate 8"</p>	<p>□ 1/1</p> <p>3mm bite up</p> <p>KM 59-157 thin footplate 7"</p>
<p>□ 1/1</p> <p>4mm bite forward</p> <p>KM 59-159 thin footplate 7" KM 59-219 thin footplate 8"</p>	<p>□ 1/1</p> <p>4mm bite up</p> <p>KM 59-160 thin footplate 7"</p>
<p>□ 1/1</p> <p>5mm bite forward</p> <p>KM 59-162 thin footplate 7" KM 59-222 thin footplate 8"</p>	<p>□ 1/1</p> <p>5mm bite up</p> <p>KM 59-163 thin footplate 7"</p>

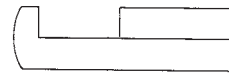
Patent Pending



KMEDIC CLEANPUNCH™
(Handle style VII)



Forward 40° Regular Footplate



Up 90° Regular Footplate

<p>□ 1/1</p> <p>1mm bite forward</p> <p>KM 59-100 regular footplate 7" KM 59-230 regular footplate 8"</p>	<p>□ 1/1</p> <p>1mm bite up</p> <p>KM 59-101 regular footplate 7"</p>
<p>□ 1/1</p> <p>2mm bite forward</p> <p>KM 59-103 regular footplate 7" KM 59-233 regular footplate 8"</p>	<p>□ 1/1</p> <p>2mm bite up</p> <p>KM 59-104 regular footplate 7"</p>
<p>□ 1/1</p> <p>3mm bite forward</p> <p>KM 59-106 regular footplate 7" KM 59-236 regular footplate 8"</p>	<p>□ 1/1</p> <p>3mm bite up</p> <p>KM 59-107 regular footplate 7"</p>
<p>□ 1/1</p> <p>4mm bite forward</p> <p>KM 59-109 regular footplate 7" KM 59-239 regular footplate 8"</p>	<p>□ 1/1</p> <p>4mm bite up</p> <p>KM 59-110 regular footplate 7"</p>
<p>□ 1/1</p> <p>5mm bite forward</p> <p>KM 59-112 regular footplate 7" KM 59-241 regular footplate 8"</p>	<p>□ 1/1</p> <p>5mm bite up</p> <p>KM 59-113 regular footplate 7"</p>
<p>□ 1/1</p> <p>6mm bite forward</p> <p>KM 59-115 regular footplate 7" KM 59-245 regular footplate 8"</p>	<p>□ 1/1</p> <p>6mm bite up</p> <p>KM 59-116 regular footplate 7"</p>

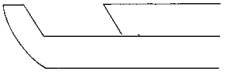

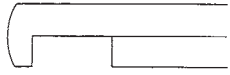











Patent Pending

SPINAL PUNCHES

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















LOVE-KERRISON LAMINECTOMY PUNCH
(Handle style IV) Large Handle

 Forward 40° Regular Footplate	 Up 90° Regular Footplate	 Down 90° Regular Footplate
 2mm bite forward KM 47-676 8"		
 3mm bite forward KM 47-670 6" KM 47-678 8"	 3mm bite up KM 47-644 6" KM 47-652 8"	 3mm bite down KM 47-648 6" KM 47-656 8"
 4mm bite forward KM 47-680 8"	 4mm bite up KM 47-645 6" KM 47-853 8"	 4mm bite down KM 47-649 6" KM 47-657 8"
 5mm bite forward KM 47-674 6" KM 47-682 8"	 5mm bite up KM 47-646 6" KM 47-654 8"	 5mm bite down KM 47-650 6" KM 47-658 8"
 6mm bite forward KM 47-689 11"		



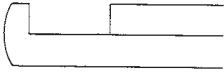
Compact handle design to accommodate smaller hands.

SPURLING KERRISON PUNCH
(Handle style V)

 Forward 40° Regular Footplate	 Up 90° Regular Footplate	 Down 90° Regular Footplate
 1/1 1mm bite forward KM 47-879 7"  1/1 2mm bite forward KM 47-996 7" KM 48-024 8" KM 47-685 11"	 1/1 2mm bite up KM 47-988 7" KM 48-016 8"	 1/1 2mm bite down KM 47-992 7" KM 48-020 8"
 1/1 3mm bite forward KM 47-997 7" KM 48-025 8" KM 47-686 11"	 1/1 3mm bite up KM 47-989 7" KM 48-017 8"	 1/1 3mm bite down KM 47-993 7" KM 48-021 8"
 1/1 4mm bite forward KM 47-998 7" KM 48-026 8" KM 47-687 11"	 1/1 4mm bite up KM 47-990 7" KM 48-018 8"	 1/1 4mm bite down KM 47-994 7" KM 48-022 8"
 1/1 5mm bite forward KM 47-999 7" KM 48-027 8" KM 47-688 11"	 1/1 5mm bite up KM 47-991 7" KM 48-019 8"	 1/1 5mm bite down KM 47-995 7" KM 48-023 8"
 1/1 6mm bite forward KM 47-855 7" KM 48-028 8" KM 48-029 11"	 1/1 6mm bite up KM 47-857 7"	 1/1 6mm bite down KM 47-856 7"

SPINAL PUNCHES

K
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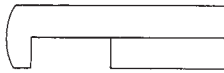
up bite
regular footplate



$\frac{1}{1}$
3mm bite up
KM 47-610



$\frac{1}{1}$
5mm bite up
KM 47-612



down bite
regular footplate



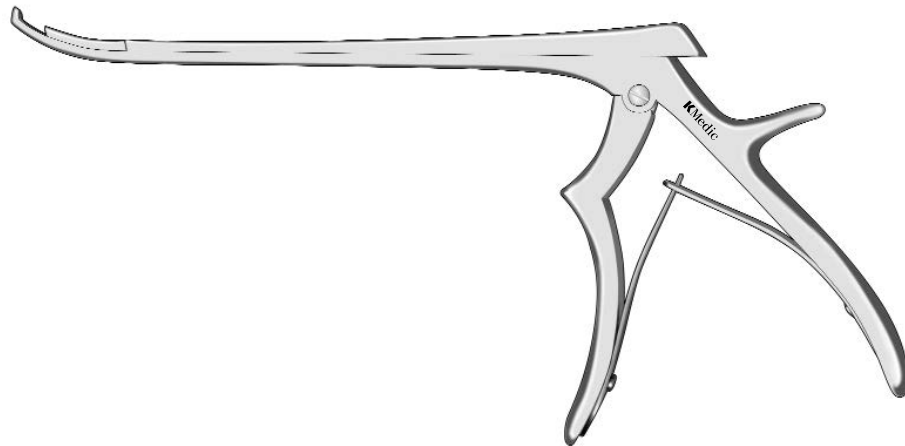
$\frac{1}{1}$
3mm bite down
KM 47-614



$\frac{1}{1}$
5mm bite down
KM 47-616



SCHLESINGER CERVICAL LAMINECTOMY PUNCH
(Handle style IV Large Handle)
6" shaft
Regular footplate



$\frac{1}{1}$
2mm curved bite up
KM 48-030

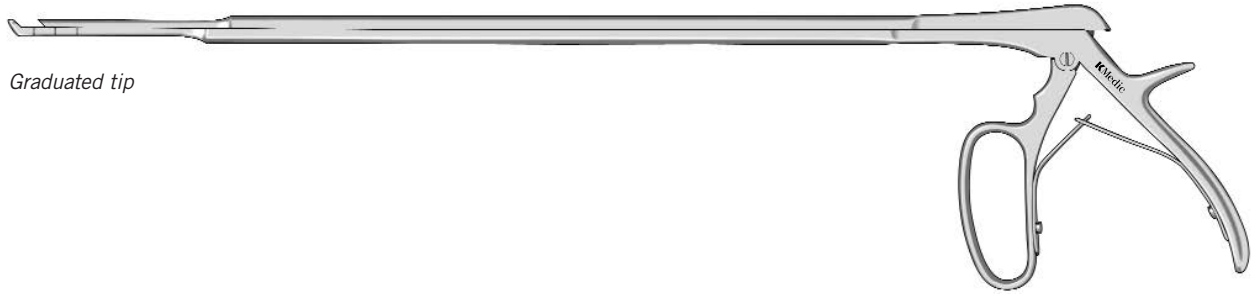


$\frac{1}{1}$
3mm curved bite up
KM 48-033



$\frac{1}{1}$
4mm curved bite up
KM 48-032

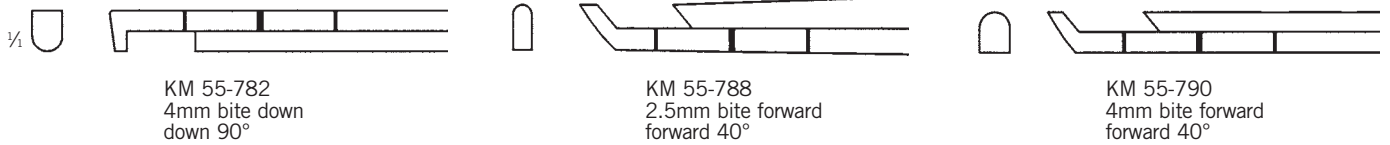
FORAMENOTOMY PUNCH
(Handle style V)
8" shaft
Regular footplate



Graduated tip

FERRIS-SMITH KERRISON PUNCH endoscopic

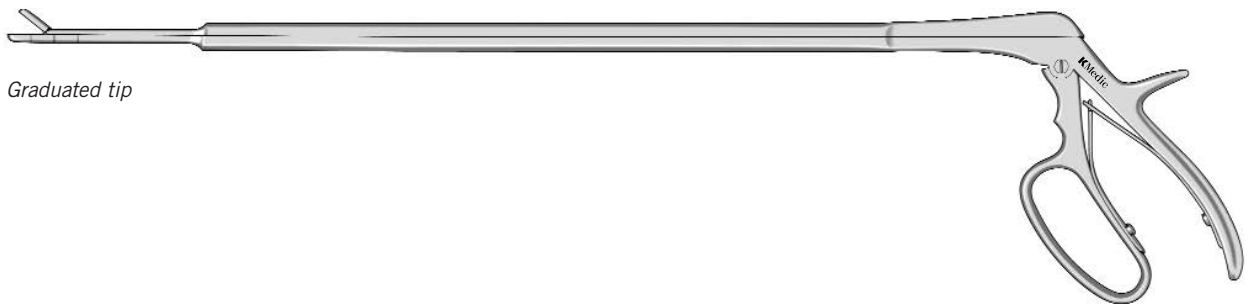
(Handle style VI)
20"
3¼" tip length
10¾" shaft length
6" handle length
.470" (12.0mm) shaft diameter



KM 55-782
4mm bite down
down 90°

KM 55-788
2.5mm bite forward
forward 40°

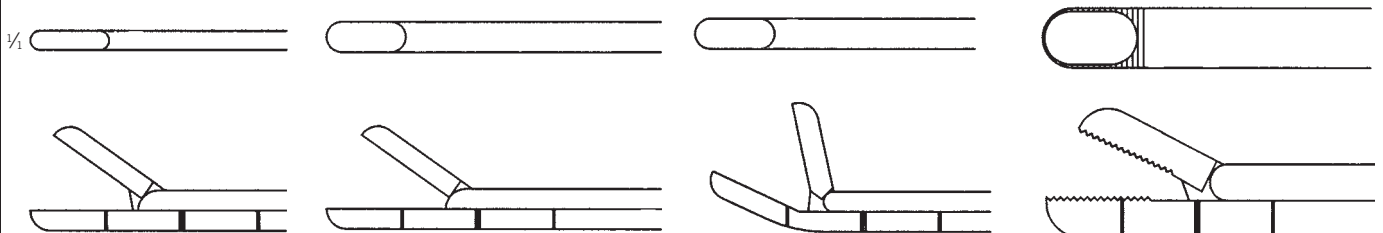
KM 55-790
4mm bite forward
forward 40°



Graduated tip

FERRIS-SMITH INTERVERTEBRAL DISC RONGEUR endoscopic

(Handle style VI)
20"
3¼" tip length
10¾" shaft length
6" handle length
.470" (12.0mm) shaft diameter



KM 55-762
2.5mm x 10mm bite straight

KM 55-763
4mm x 10mm bite straight

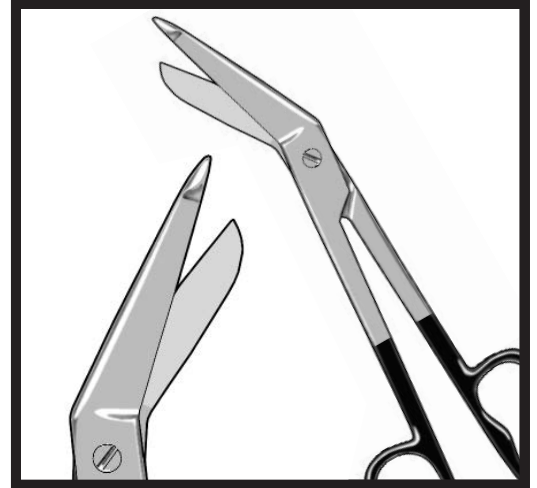
KM 55-767
4mm x 10mm bite angle up

KM 55-777
8mm x 12mm bite straight, serrated

KMedic[®]

SECTION L

PLASTER CAST INSTRUMENTS



To cut or break bandages, stockinette, drapes, felt, plaster or aluminum casts.

CONTENTS

Scissors	2
Shears	3
Saws	3
Knives	3
Cast Breakers	4

All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

PLASTER CAST INSTRUMENTS

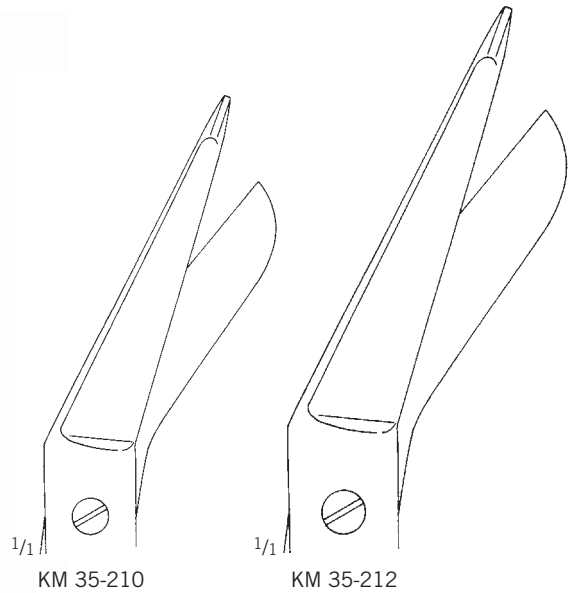
L
2

Super-Cut Bandage Scissors

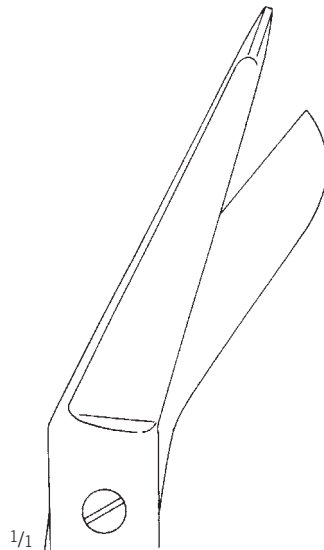
KMedic developed these remarkably sharp scissors in response to the demands of doctors, nurses, and other O.R. personnel.

Hospital tests show that these scissors cut multiple layers of stockinette, bandages, drapes, and moleskin with ease.

- Very little hand strength is required for cutting, putting less strain on thumb and forearm.
- Perfect cutting control because you don't have to force them to cut.
- Scissors cut faster, saving critical time in the O.R.
- Retain their sharpness longer than ordinary scissors.
- Not recommended for cutting plaster.

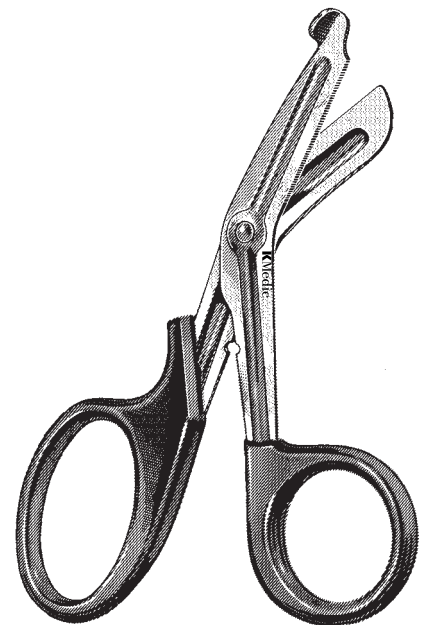


SUPER-CUT LISTER BANDAGE SCISSORS
KM 35-210 KM 35-212
5 1/2" 7 1/4"



All the benefits of our Super-Cut Lister scissors plus an oversized finger ring, which helps relieve pressure on the third metacarpal.

SUPER-CUT LISTER BANDAGE SCISSORS WITH LARGE FINGER RING
KM 35-214
8"

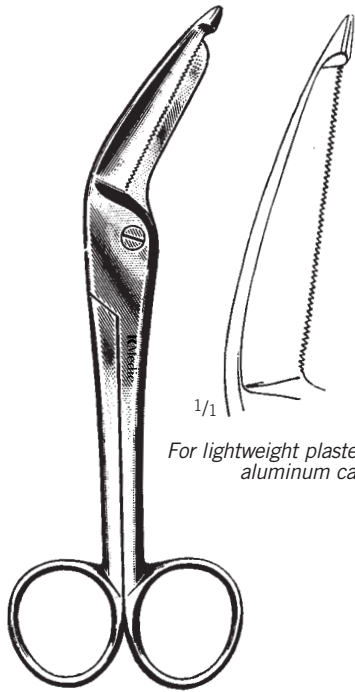


For light plaster and cloth.

UTILITY SCISSORS one blade serrated
KM 31-832 KM 31-830
6" Lister-type 7 1/2"
(not pictured)

With autoclavable plastic finger rings.

PLASTER CAST INSTRUMENTS



For lightweight plaster or aluminum casts.

HERCULES SCISSORS

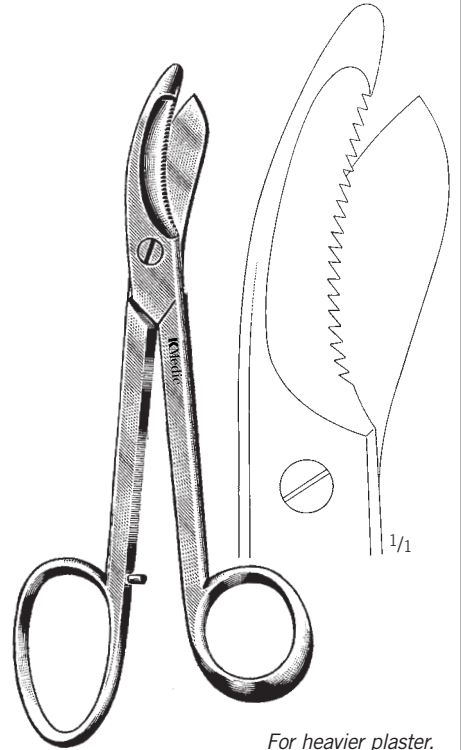
KM 31-834
7½"
one blade serrated



Effective for cloth or cotton wadding.

KMEDIC UTILITY SHEARS

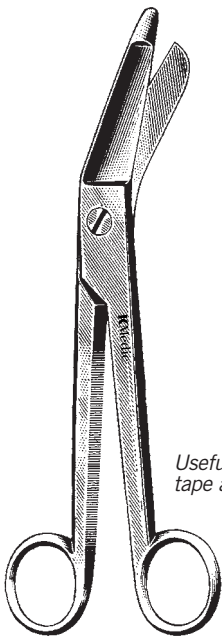
KM 31-836
8"
one blade serrated



For heavier plaster.

BRUNS SHEARS

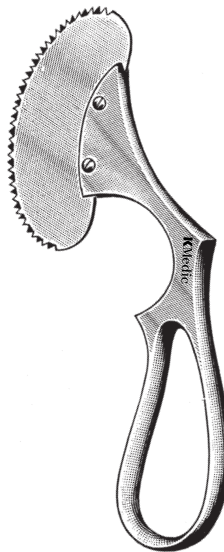
KM 46-090
9¼"
one blade serrated



Useful for cutting tape and bandages.

ESMARCH SHEARS

KM 46-060
8"



ENGEL PLASTER SAW

KM 46-056
6" with stainless blade
chrome handle

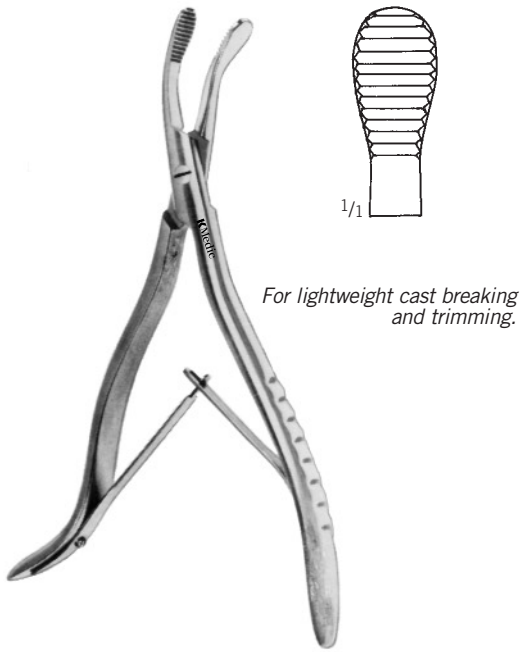


REINER PLASTER KNIFE

KM 46-058
7" with stainless handle

PLASTER CAST INSTRUMENTS

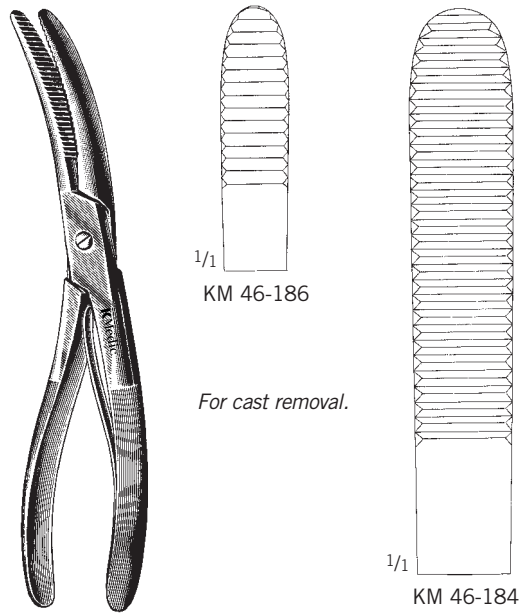
L
4



For lightweight cast breaking and trimming.

PEDIATRIC CAST BREAKER

KM 46-188
7"
deep serrated tips

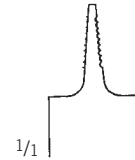
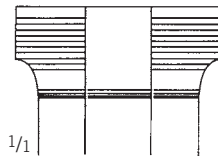
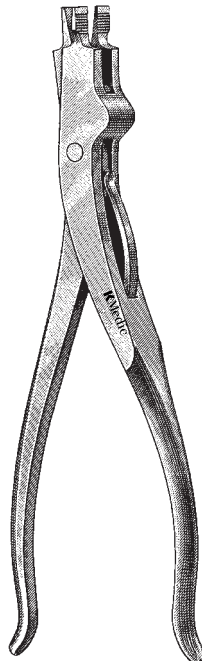


KM 46-186

For cast removal.

PLASTER BREAKER WOLFF (BOEHLER)

deep serrated tips
KM 46-186 7" small
KM 46-184 9 1/2"



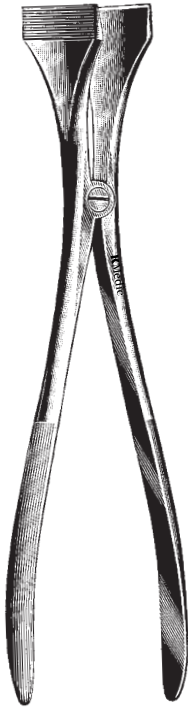
To relieve cast pressure or for cast removal. One handed operation.

KMEDIC CAST SPREADER

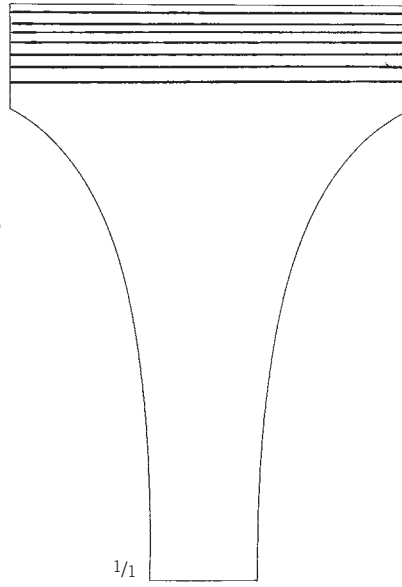
KM 46-134
9" serrated
3 prongs

WALTON CAST SPREADER

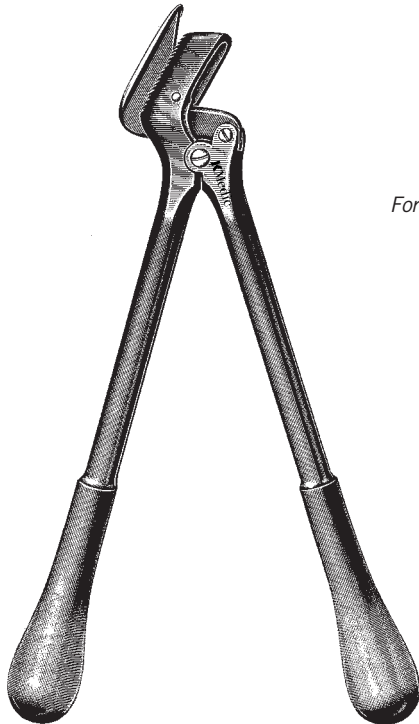
KM 46-133
9" serrated
3 prongs



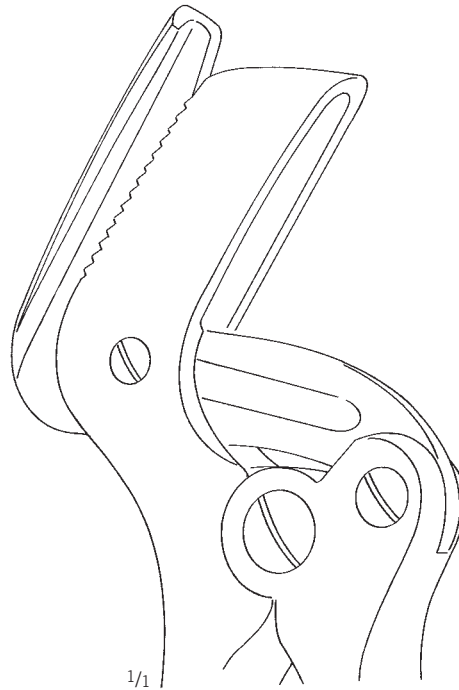
*To relieve cast pressure
or for cast removal.*



HENNIG PLASTER SPREADER
KM 46-138
11" serrated



For cast removal.

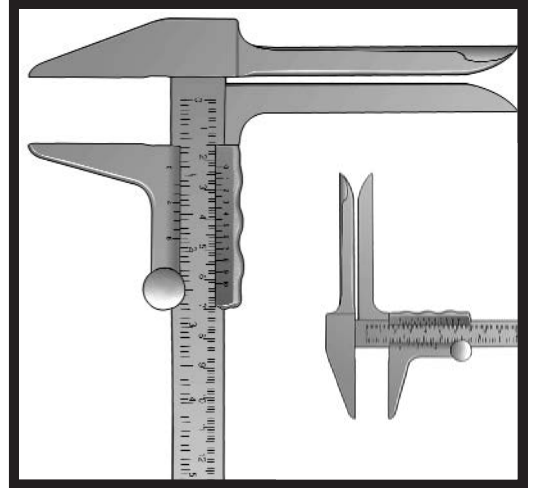


STILLE PLASTER SHEARS
KM 46-156
15"

KMedic[®]

SECTION M

MEASURING DEVICES



To determine dimensions during surgery.

CONTENTS

Screw Depth Gauges	2
Rulers	3
Calipers	2, 4

All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

MEASURING DEVICES

M
2

Used to determine screw length required during internal fracture fixation (mm graduated). Snap apart for easy cleaning.



**MINI SCREW
DEPTH GAUGE**
KM 47-934
4¾"
up to 30mm



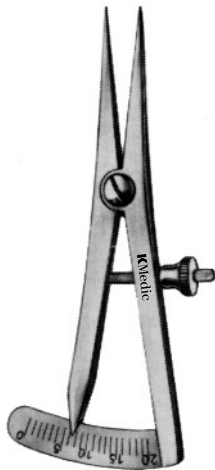
**SMALL SCREW
DEPTH GAUGE**
KM 47-936
6¼"
up to 50mm



**LARGE SCREW
DEPTH GAUGE**
KM 47-940
8¾"
up to 100mm



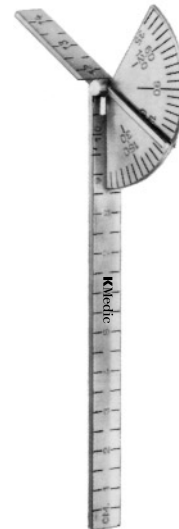
**X-LARGE SCREW
DEPTH GAUGE**
KM 47-935
11"
up to 120mm



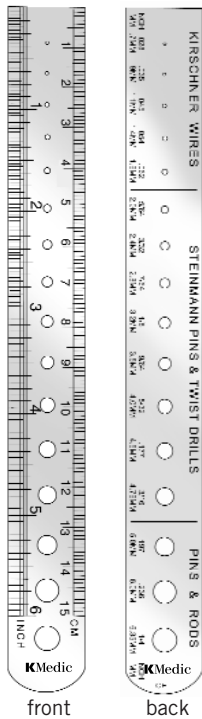
CASTROVIEJO CALIPER
KM 53-040
3½" graduated to 20mm
for hand surgery



CASTROVIEJO CALIPER
KM 53-042
6½" graduated to 40mm



POLK FINGER GONIOMETER
KM 48-310
6"
cm and inch graduated



Reverse side has handy gauge to measure K-Wires, Steinmann pins, twist drills and pins and rods.

Gauge Measures

K-Wires .028" – .062"
.7mm – 1.6mm

Pins $\frac{5}{64}$ " – $\frac{3}{16}$ "
2.0mm – 4.76mm

Rods .197" – $\frac{1}{4}$ "
5.0mm – 6.35mm

K-WIRE RULER AND PIN GAUGE

KM 39-710
6" length
inch and mm graduated



KM 39-692 6" length
KM 39-694 8"
KM 39-698 12"
KM 39-700 20"

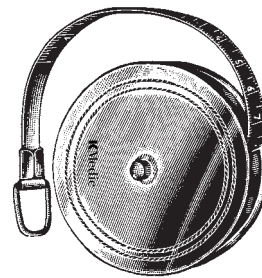
RULER flexible
inch and mm graduated



Ruler for X-rays.

X-RAY SCALE

KM 48-299
50cm length
mm graduated

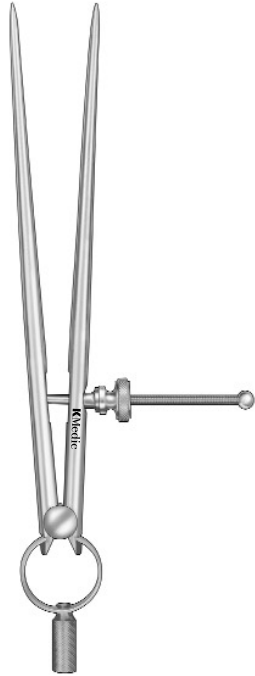


MEASURING TAPE

KM 48-313
linen, inch and
cm graduated
up to 150cm

MEASURING DEVICES

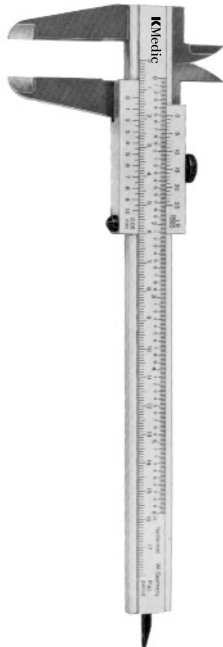
M
4



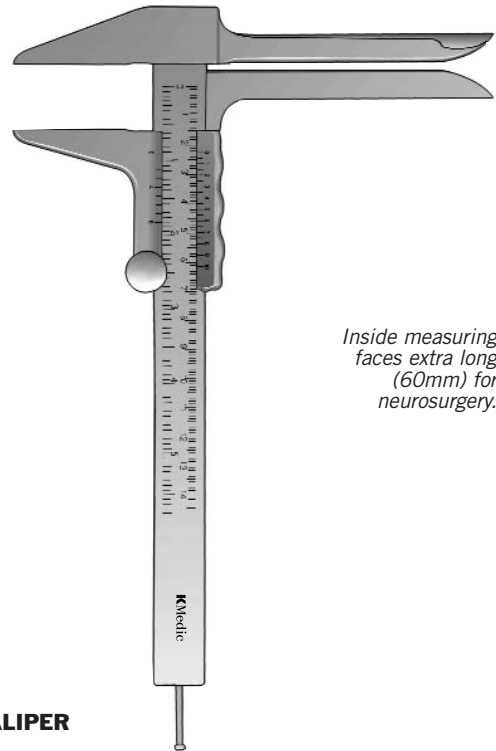
BONE COMPASS
KM 48-302
8"



TOWNLEY CALIPER
KM 48-314
4" takes inside and
outside measurements
up to 4" (10cm)



ALUMINUM CALIPER
KM 48-312
9 1/4"
inch and mm graduated
up to 6" (180mm)
inside and outside measuring
faces and depth bar

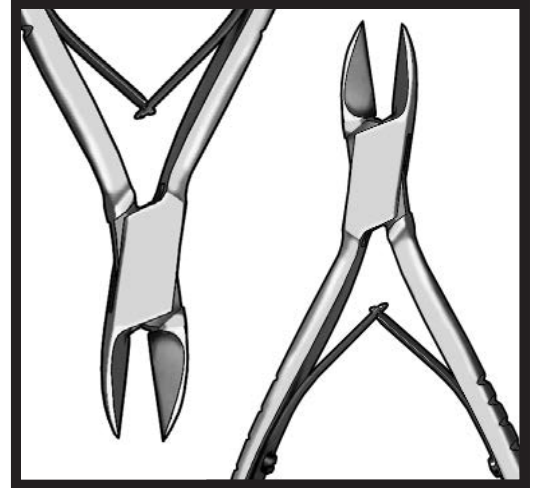


*Inside measuring
faces extra long
(60mm) for
neurosurgery.*

NEURO-CALIPER
KM 48-315
9" stainless steel
inch/mm graduated up to 5 3/4" (145mm)
inside and outside measuring
faces and depth bar

KMedic[®]

NAIL INSTRUMENTS



To split, cut or remove finger and toenails.

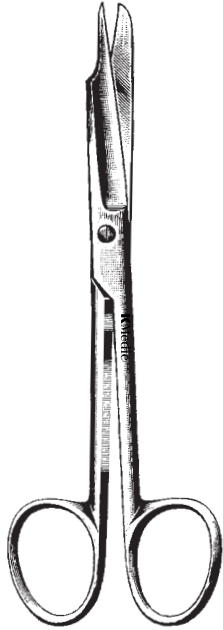
CONTENTS

Nail Scissors	2
Nail Forceps	2
Nail Nippers	3

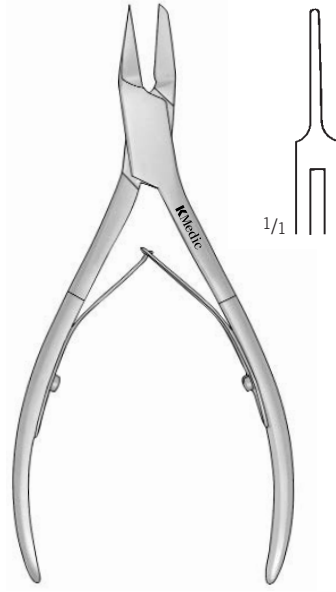
All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

NAIL INSTRUMENTS

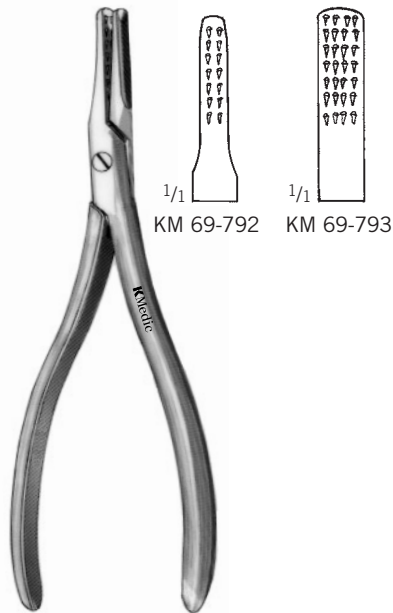
N
2



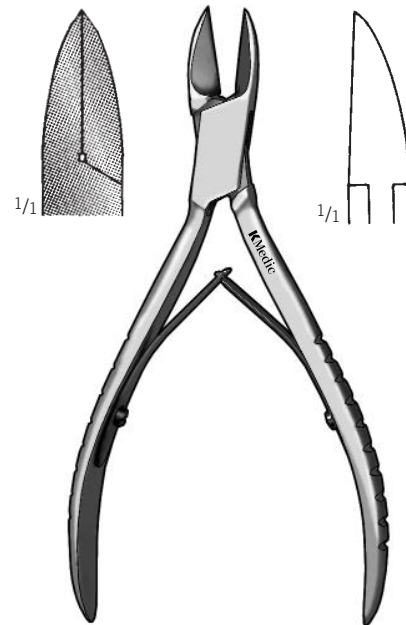
INGROWN NAIL SPLITTING SCISSORS
KM 69-805
6"
one serrated blade



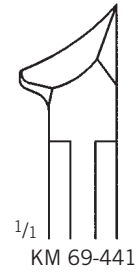
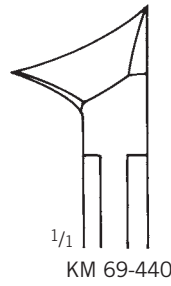
INGROWN NAIL FORCEPS
KM 69-348
5" anvil pattern
narrow blade



PLATYPUS NAIL REMOVING FORCEPS
KM 69-792
5½", 4mm
narrow
KM 69-793
5½", 6mm
broad

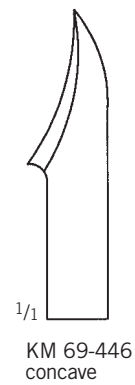
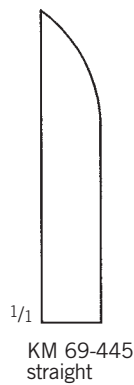
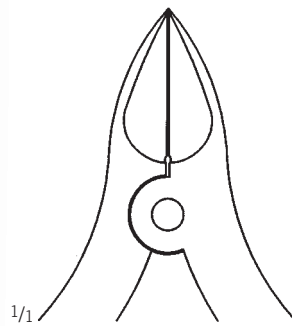
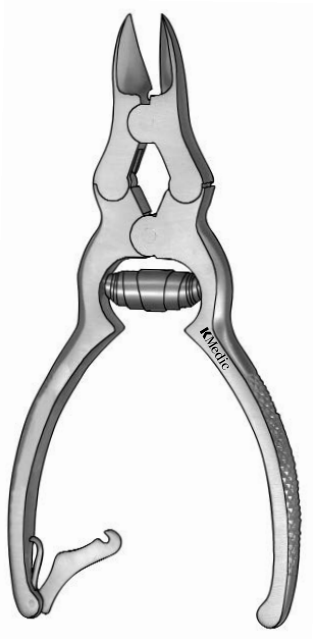


NAIL SPLITTER FORCEPS
KM 69-340
6"



NAIL NIPPER

5 1/2" angled, concave
KM 69-440 stainless, sharp end
KM 69-441 stainless, blunt end



*New
straight
pattern*

*Double action helps prevent hand fatigue.
Ideal for Mycotic and Onychiauxis nails.*

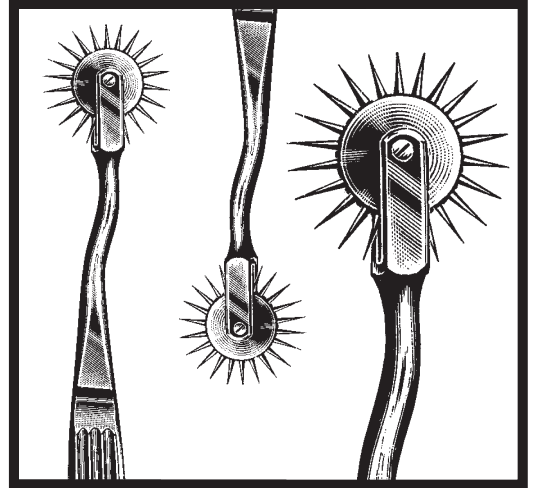
MYCOTIC NAIL NIPPER

6" stainless
double action
barrel spring

KMedic[®]

SECTION 0

MISCELLANEOUS



CONTENTS

Suction Tubes	2
Neurological Pin Wheel	2
Finger Ring Cutter	2
Instrument Cleaning Brushes	2
Lead Hands	3

All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

MISCELLANEOUS

0
2



1 french = .33mm

BARON SUCTION TUBE 5 1/2"

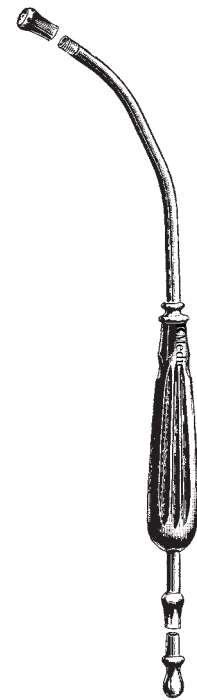
- KM 42-832 3 french
- KM 42-834 5 french
- KM 42-836 7 french



1 french = .33mm

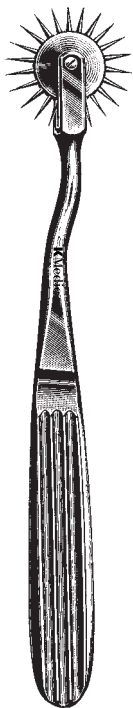
FRAZIER SUCTION TUBE 7"

- KM 42-823 6 french
- KM 42-824 7 french
- KM 42-825 8 french
- KM 42-826 10 french
- KM 42-830 12 french



YANKAUER SUCTION TUBE

- KM 58-228 11 1/2" chrome
- KM 58-230 front tip only



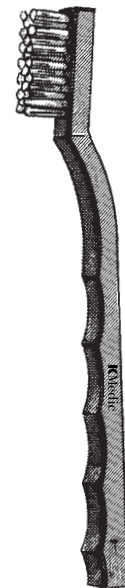
WARTENBERG NEUROLOGICAL PIN WHEEL

- KM 28-514 7"



FINGER RING CUTTER

- KM 29-430 6 1/2" chrome with saw blade
- KM 29-434 saw blade only



INSTRUMENT CLEANING BRUSH 7"

- KM 39-682 wire set of three
- KM 39-684 nylon set of three

Oxidation of lead surfaces is a normal process.

To prolong the life of lead hands autoclave temperatures should not exceed 248°F (120°C). Avoid using chemical sterilization as they can cause severe corrosion.

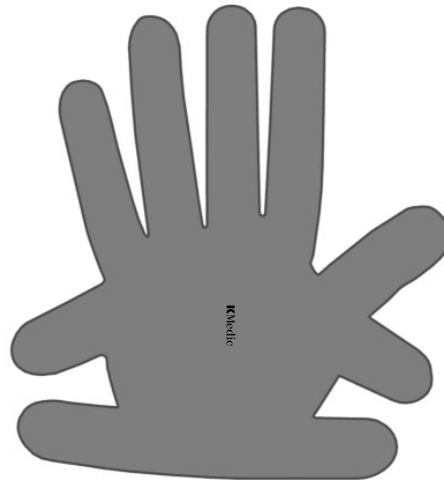


LEAD HAND
KM 49-092
9½"
child



LEAD HAND
KM 49-090
14"
adult

Thinner and more flexible model. Longer fingers wrap on ends eliminating side tabs.

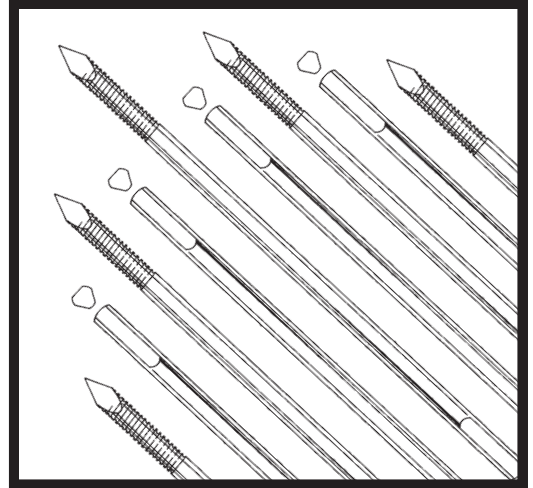


LEAD HAND
KM 49-093
9½"
adult
2mm thick

KMedic[®]

SECTION P

WIRE AND PIN IMPLANTS



To aid in alignment, reduction, and fixation of fractured bone.

CONTENTS

Kirschner Wires	2
Steinmann Pins	3
Guide Wires	4
Schanz Pins	4
Cerclage Wire	4

Note: An internal fixation device must never be reused.

Dimensional standards are according to the International Organization for Standardization (ISO).

Material: All implants shown in this Sourcebook are made of certified implant stainless steel.

KMedic Wire and Pin Implants

- Precision manufactured in Germany from certified implant stainless steel.
- Longer, gently tapered points for easier penetration.
- Smoothly hand polished, causing less trauma when removed.
- K-Wires and Steinmann pins are sold six (6) to the package.

Please inquire about availability of any sizes and styles not shown in this Sourcebook.

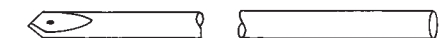


Bend K-Wire up to .062" in diameter easily with our Gratloch™ Wire Bender KM 48-370. See page Q7.

KIRSCHNER WIRES SMOOTH

LENGTH	DIAMETER AND PRODUCT NUMBER				
	.028" (.7mm)	.035" (.9mm)	.045" (1.1mm)	.054" (1.4mm)	.062" (1.6mm)
DOUBLE END TROCAR					
4"	KM 71-100	KM 71-101	KM 71-102	KM 71-104	KM 71-103
5"	KM 71-105	KM 71-106	KM 71-107	KM 71-108	KM 71-109
6"	KM 71-021	KM 71-022	KM 71-023	—	KM 71-025
9"	—	KM 71-111	KM 71-112	KM 71-114	KM 71-113
12"	—	KM 71-121	KM 71-122	—	KM 71-123
SINGLE TROCAR round end					
4"	KM 71-130	KM 71-131	KM 71-132	KM 71-133	KM 71-134
5"	KM 71-170	KM 71-171	KM 71-172	KM 71-174	KM 71-175
9"	—	KM 71-151	KM 71-152	KM 71-154	KM 71-153
12"	—	KM 71-161	KM 71-162	—	KM 71-163
DOUBLE END DIAMOND					
4"	KM 71-200	KM 71-201	KM 71-202	KM 71-203	KM 71-204
5"	—	KM 71-206	KM 71-207	—	KM 71-209
6"	KM 71-030	KM 71-031	KM 71-032	—	KM 71-033
9"	—	KM 71-211	KM 71-212	KM 71-214	KM 71-213
SINGLE DIAMOND round end					
4"	KM 71-230	—	—	—	—
9"	—	KM 71-241	KM 71-242	—	KM 71-243
12"	—	KM 71-251	KM 71-252	—	KM 71-253
SUTURE PASSER SINGLE DIAMOND with suture hole					
9"	—	—	KM 71-262	—	KM 71-263

Drawings shown on this page are not actual size.



KIRSCHNER WIRE FULLY THREADED

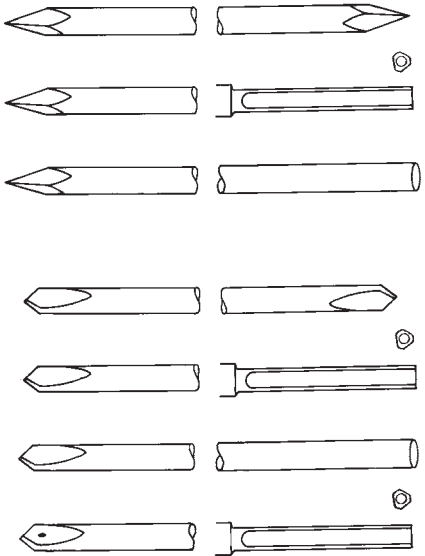
LENGTH	DIAMETER		
	.035" (.9mm)	.045" (1.1mm)	.062" (1.6mm)
DOUBLE END TROCAR			
6"	—	—	KM 71-293
9"	KM 71-301	KM 71-302	KM 71-303
SINGLE TROCAR			
9"	KM 71-304	—	KM 71-310
DOUBLE END DIAMOND			
9"	—	KM 71-312	KM 71-313
SINGLE DIAMOND			
9"	KM 71-314	KM 71-315	KM 71-307



STEINMANN PINS SMOOTH

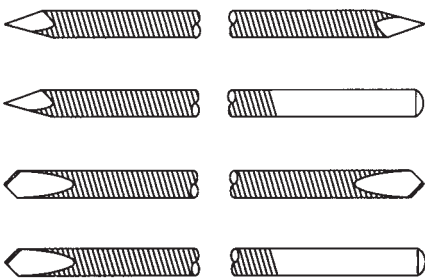
LENGTH	DIAMETER AND PRODUCT NUMBER						
	5/64" (2.0mm)	3/32" (2.4mm)	7/64" (2.8mm)	1/8" (3.2mm)	9/64" (3.5mm)	5/32" (4.0mm)	.177" (4.5mm)
DOUBLE END TROCAR							
9"	KM 71-450	KM 71-453	KM 71-456	KM 71-459	KM 71-462	KM 71-465	KM 71-468
SINGLE TROCAR 3 shank end							
9"	KM 71-480	KM 71-483	KM 71-486	KM 71-489	KM 71-492	KM 71-495	KM 71-498
SINGLE TROCAR round end							
9"	KM 71-510	KM 71-513	KM 71-516	KM 71-519	KM 71-522	KM 71-525	KM 71-528
12"	—	—	—	KM 71-680	—	—	—
DOUBLE END DIAMOND							
9"	KM 71-600	KM 71-603	KM 71-606	KM 71-609	KM 71-612	KM 71-615	KM 71-618
SINGLE DIAMOND 3 shank end							
9"	KM 71-630	KM 71-633	KM 71-636	KM 71-639	KM 71-642	KM 71-645	KM 71-648
SINGLE DIAMOND round end							
9"	KM 71-660	KM 71-663	KM 71-666	KM 71-669	KM 71-672	KM 71-675	KM 71-678
SINGLE DIAMOND with suture passer hole 3 shank end							
9"	KM 71-880	KM 71-883	KM 71-886	KM 71-889	KM 71-892	KM 71-895	KM 71-898

Drawings shown on this page are not actual size.



STEINMANN PINS FULLY THREADED

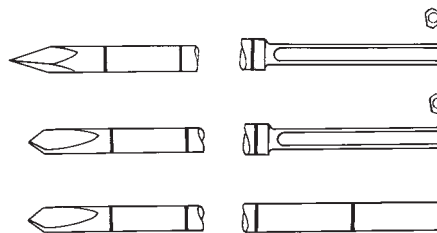
LENGTH	DIAMETER AND PRODUCT NUMBER						
	5/64" (2.0mm)	3/32" (2.4mm)	7/64" (2.8mm)	1/8" (3.2mm)	9/64" (3.5mm)	5/32" (4.0mm)	.177" (4.5mm)
DOUBLE END TROCAR							
9"	KM 71-750	KM 71-753	KM 71-756	KM 71-759	KM 71-762	KM 71-765	KM 71-768
SINGLE TROCAR round end							
9"	KM 71-770	KM 71-773	KM 71-776	KM 71-779	KM 71-782	KM 71-785	KM 71-788
DOUBLE END DIAMOND							
9"	KM 71-730	KM 71-733	KM 71-736	KM 71-739	KM 71-742	KM 71-745	KM 71-748
SINGLE DIAMOND round end							
9"	KM 71-700	KM 71-703	KM 71-706	KM 71-709	KM 71-712	KM 71-715	KM 71-718



GUIDEWIRES, SCHANZ PINS AND CERCLAGE WIRE

STEINMANN PINS CALIBRATED (GUIDE WIRES) with 1/2" graduations

LENGTH	DIAMETER AND PRODUCT NUMBER			
	5/64" (2.0mm)	3/32" (2.4mm)	7/64" (2.8mm)	1/8" (3.2mm)
SINGLE TROCAR 3 shank end				
9"	—	KM 71-833	—	—
SINGLE DIAMOND 3 shank end				
9"	—	KM 71-853	KM 71-856	KM 71-859
SINGLE DIAMOND round end				
9"	—	KM 71-873	—	—



SCHANZ PINS (PARTIALLY THREADED)

PRODUCT NUMBER	OVERALL LENGTH	THREAD LENGTH	DIAMETER
KM 72-220	6"	45mm	5mm
KM 72-222	6 3/4"	45mm	5mm
KM 72-230	7 1/2"	45mm	6mm
KM 72-224	8"	45mm	5mm
KM 72-226	10"	45mm	5mm



CERCLAGE WIRE

10 meters in length

KM #	DIAMETER	APPROX. GAUGE
KM 72-102	0.2mm	36
KM 72-103	0.3mm	30
KM 72-104	0.4mm	27
KM 72-105	0.5mm	25
KM 72-106	0.6mm	23
KM 72-107	0.7mm	22
KM 72-108	0.8mm	21
KM 72-109	0.9mm	20
KM 72-110	1.0mm	19
KM 72-112	1.2mm	18
KM 72-115	1.5mm	17



KMedic[®]

SECTION Q

WIRE AND PIN MANAGEMENT INSTRUMENTS



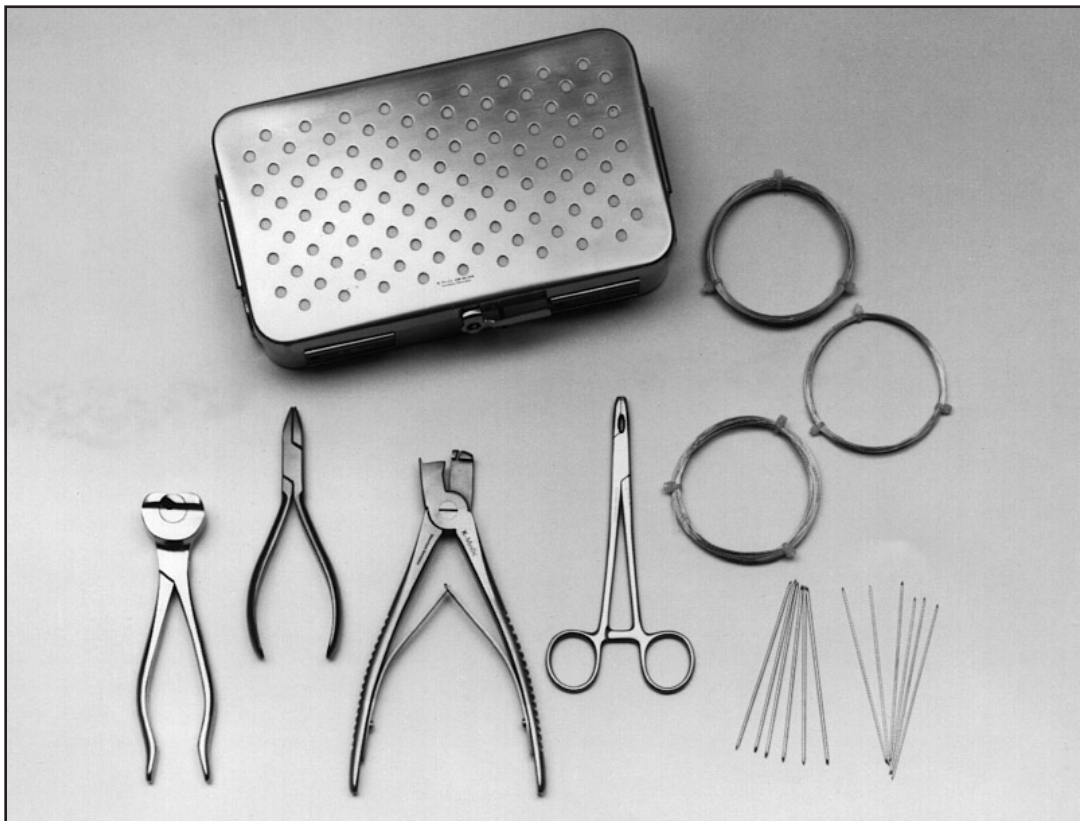
To store, autoclave, dispense, insert, hold, bend, pull, twist, cut, and tighten K-Wires, guidewires, Steinmann pins and rods.

CONTENTS

Wire Fixation Sets	2
Wire Storage and Sterilization	5
Wire Drivers and Benders	6
Hand Drills	8
Wire and Pin Cutters	13
Rod Cutters	20
Cable Cutter	22
Plate Cutter	23
Pliers	23
Double Action Pliers	27
Locking Pliers	28
Locking Pliers with Slaphammers	30
Wire Tighteners and Twisters	31
Wire Guides and Tractors	34

All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

MINI BONE WIRE SET



MINI BONE WIRE SET KM 48-400

This set is ideal for offices and surgi-centers. The compact sterilization case will fit all sizes of autoclaves.

Each set contains the following:

Instruments

1-STERILIZATION CONTAINER KM 46-544 9"×5"×2"

1-DIAMOND PIN CUTTER KM 46-651 6¼"

1-NEEDLE NOSE PLIERS KM 48-245 5½"

1-GRATLOCH™ WIRE BENDER KM 48-370 7½"

1-WIRE TWISTER AND TIGHTENER KM 69-846 6¼"

K-Wire one package (6 pieces) of each of the following:

KM 71-100 Double trocar 4" .028" (0.7mm) diameter

KM 71-101 Double trocar 4" .035" (0.9mm) diameter

KM 71-102 Double trocar 4" .045" (1.1mm) diameter

KM 71-103 Double trocar 4" .062" (1.6mm) diameter

Cerclage Wire 10 meters in length

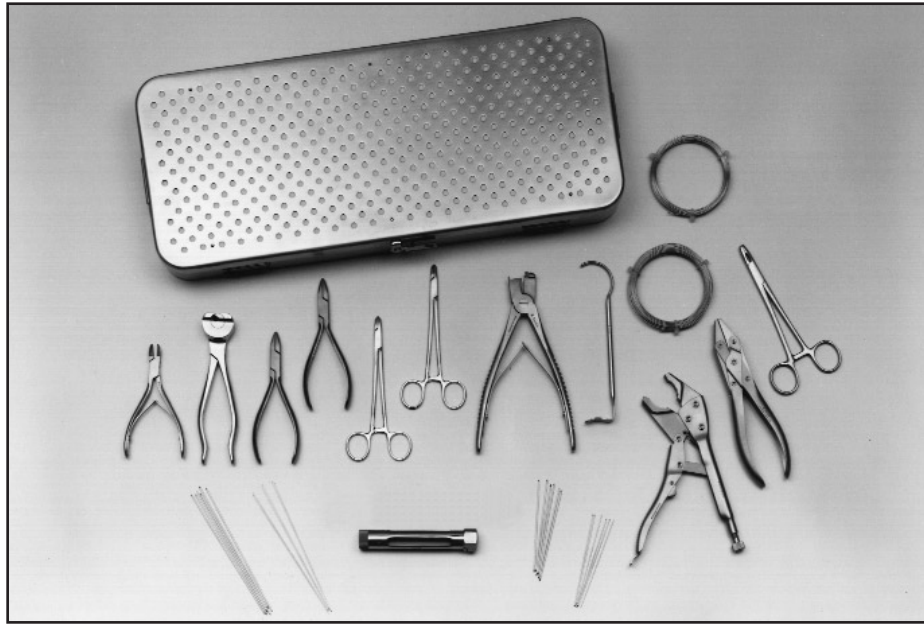
KM 72-104 0.4mm diameter

KM 72-106 0.6mm diameter

KM 72-108 0.8mm diameter

Optional: VICKERS EASIDRIVER™ KM 46-540

VICKERS K-WIRE DISPENSER™ KM 46-542



SMALL BONE WIRE SET KM 48-402

This set is useful for foot and ankle and hand surgery and all other small bone work.

Each set contains the following:

Instruments

- 1-STERILIZATION CASE KM 46-547 19"×7¾"×2"
- 1-VICKERS K-WIRE DISPENSER™ KM 46-542 4"
- 1-DELICATE WIRE CUTTER KM 46-622 4¾"
- 1-DIAMOND PIN CUTTER KM 46-651 6¼"
- 2-NEEDLE NOSE PLIERS KM 48-245 5½"
- 2-WIRE TWISTING FORCEPS KM 48-320 6"
- 1-GRATLOCH™ WIRE BENDER KM 48-370 7½"
- 1-WIRE PASSER (CANNULATED) KM 48-386 7"
- 1-LOCKING PLIERS KM 48-602 8"
- 1-PARALLEL PLIERS KM 48-604 7"
- 1-WIRE TWISTER AND TIGHTENER KM 69-846 6¼"

K-Wire one package (6 pieces) of each of the following:

- | | |
|----------------------------|------------------------|
| KM 71-100 Double trocar 4" | .028" (0.7mm) diameter |
| KM 71-101 Double trocar 4" | .035" (0.9mm) diameter |
| KM 71-102 Double trocar 4" | .045" (1.1mm) diameter |
| KM 71-103 Double trocar 4" | .062" (1.6mm) diameter |
| | |
| KM 71-021 Double trocar 6" | .028" (0.7mm) diameter |
| KM 71-022 Double trocar 6" | .035" (0.9mm) diameter |
| KM 71-023 Double trocar 6" | .045" (1.1mm) diameter |
| KM 71-025 Double trocar 6" | .062" (1.6mm) diameter |

Cerclage Wire 10 meters in length

- KM 72-110 1.0mm diameter
- KM 72-112 1.2mm diameter

Optional: VICKERS EASIDRIVER™ KM 46-540

K-WIRE DISPENSERS KM 71-001, 71-002, 71-003, 71-004

LARGE BONE WIRE SET

Q
4



LARGE BONE WIRE SET KM 48-404

Each set contains the following:

Instruments

- 1-STERILIZATION CASE KM 46-547 19"×7¾"×2"
- 2-DOUBLE ACTION EXTRACTING PLIERS KM 46-574
- 1-LOUTE WIRE TIGHTENER KM 46-619 8½"
- 1-DOUBLE ACTION WIRE CUTTER KM 46-624 8½"
- 1-DIAMOND PIN CUTTER KM 46-651 6¼"
- 1-NEEDLE NOSE PLIERS KM 48-245 5½"
- 1-WIRE TWISTER AND TIGHTENER KM 69-846 6¼"
- 1-GRATLOCH™ WIRE BENDER KM 48-370 7½"
- 1-WIRE PASSER (CANNULATED) KM 48-386 7"
- 1-WIRE PASSER (CANNULATED) KM 48-388 9½"
- 1-LOCKING PLIERS KM 48-602 8"
- 1-PARALLEL PLIERS KM 48-604 7"
- 4-WIRE TWISTING FORCEPS KM 48-324 7¼"

K-Wire one package (6 pieces) of each of the following:

- KM 71-111 Double trocar 9" .035" (0.9mm) diameter
- KM 71-112 Double trocar 9" .045" (1.1mm) diameter
- KM 71-114 Double trocar 9" .054" (1.4mm) diameter
- KM 71-113 Double trocar 9" .062" (1.6mm) diameter

Dispenser one each

- KM 71-012
- KM 71-013
- KM 71-014
- KM 71-016

Steinmann Pins one package (6 pieces) of each of the following:

- KM 71-450 Double trocar 9" 5/64" (2.0mm) diameter
- KM 71-453 Double trocar 9" 3/32" (2.4mm) diameter

Dispenser one each

- KM 71-017
- KM 71-019

Cerclage Wire 10 meters in length

- KM 72-112 1.2mm diameter
- KM 72-115 1.5mm diameter

Optional: VICKERS EASIDRIVER™ KM 46-540

For ordering larger Steinmann pins and the corresponding cutters, please refer to the appropriate sections elsewhere in this Sourcebook.

K-WIRE DISPENSER 6¼"

KM#	LENGTH	DIAMETER	QTY HELD
KM 71-001	up to 6"	.028" (0.7mm)	100
KM 71-002	up to 6"	.035" (0.9mm)	50
KM 71-003	up to 6"	.045" (1.1mm)	40
KM 71-004	up to 6"	.054" (1.4mm)	25
KM 71-006	up to 6"	.062" (1.6mm)	20

- Stores, sterilizes, and dispenses one size at a time.
- Sharp points are protected by silicone insert in cap.
- To avoid injury, load wire with blunt end down.
- Hexagonal shape of cap prevents unwanted movement of dispenser.
- Diameter is marked for easy identification.
- Perforation allows for proper sterilization.

For our selection of K-Wires and pins see pages P2 and P3.

K-WIRE DISPENSER 12¾"

KM 71-012	up to 12"	.035" (0.9mm)	50
KM 71-013	up to 12"	.045" (1.1mm)	40
KM 71-014	up to 12"	.054" (1.4mm)	25
KM 71-016	up to 12"	.062" (1.6mm)	20



KM 71-001 – KM 71-006 For K-Wire up to 6" long.

STEINMANN PIN DISPENSER 12¾"

KM 71-017	up to 12"	5/64" (2.0mm)	10
KM 71-019	up to 12"	3/32" (2.4mm)	5



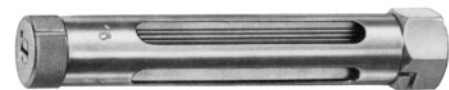
KM 71-012 – KM 71-019 For K-Wire and pins up to 12" long. Plastic cap.

VICKERS K-WIRE DISPENSER™

	LENGTH	CHAMBER #1		CHAMBER #2		CHAMBER #3		CHAMBER #4	
		DIAMETER	QTY HELD	DIAMETER	QTY HELD	DIAMETER	QTY HELD	DIAMETER	QTY HELD
KM 46-542	4"	.028" (0.7mm)	60	.035" (0.9mm)	40	.045" (1.1mm)	30	.062" (1.6mm)	18
KM 46-538	12"	.028" (0.7mm)	60	.035" (0.9mm)	40	.045" (1.1mm)	30	.062" (1.6mm)	18
KM 46-539	12"	.070" (1.8mm)	15	5/64" (2.0mm)	12	.086" (2.2mm)	10	3/32" (2.4mm)	8

* Note: For Steinmann Pins

- Easily stores, sterilizes, and dispenses four different size wires.
- Dial on bottom allows for dispensing of one size at a time.
- To avoid injury, load wire with blunt end down.
- Dial can be locked to avoid accidental dispensing.
- Clearly marked chambers help to avoid mix-up.
- Patented dispenser is available exclusively from KMedic.



KM 46-542 For 4" K-Wire.

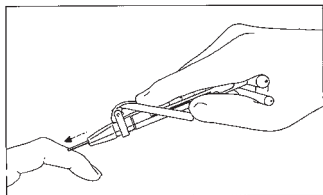
For our selection of K-Wires and pins see pages P2 and P3.



KM 46-538 and KM 46-539 For 12" K-Wire.

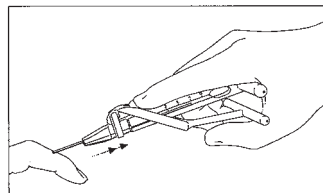
Vickers Easidriver™

Now you can drive, bend and pull K-Wire for a fraction of the cost of power equipment.



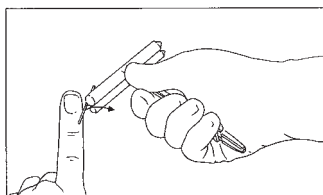
NO MANUAL DEVICE HAS EVER ACHIEVED THIS FUNCTION

For years, surgeons have sought a simple pin driver that could actually be fully controlled with one hand. The new Vickers Easidriver™ leaves the other hand free to manipulate tissue, leaving the patient in better hands.



IDEAL BACK UP UNIT FOR OFFICE AND HOSPITAL

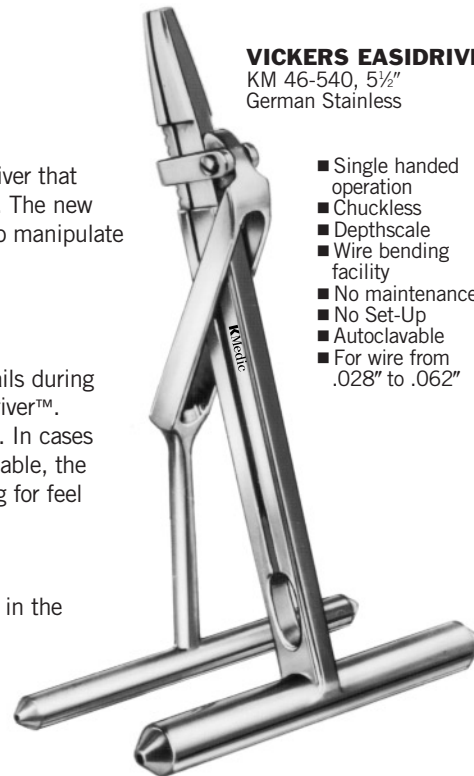
What do you use when your power equipment fails during surgery? Now you have the handy Vickers Easidriver™. Without loss of precious time, it is ready for use. In cases where power equipment is not indicated or available, the Vickers can become your primary driver, allowing for feel and control that power units don't offer.



KMEDIC'S EXCLUSIVE OFFER

KMedic is proud to be able to offer this product in the United States exclusively.

Dr. Vickers, who developed the patented instrument, is a specialist in hand surgery and the Chairman of the Instrumentation and Equipment Committee of the International Federation of Societies for Surgery of the Hand.



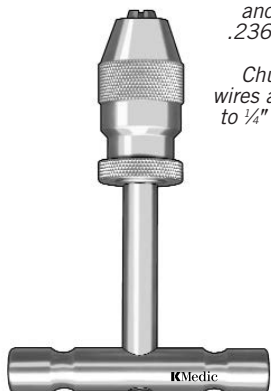
VICKERS EASIDRIVER™
KM 46-540, 5½"
German Stainless

- Single handed operation
- Chuckless
- Depthscale
- Wire bending facility
- No maintenance
- No Set-Up
- Autoclavable
- For wire from .028" to .062"

*No more lost keys!
Keyless chuck for
insertion and removal
of Steinmann pins.*

*Cannulation
accepts wires
and pins up to
.236" (6.0mm).*

*Chuck accepts
wires and pins up
to ¼" (6.35mm).*



UNIVERSAL CHUCK WITH T-HANDLE
KM 47-903
4" fully cannulated

KM 47-901
4½" fully cannulated
with reverse lock

*For insertion and
removal of
Steinmann Pins.
Includes chuck key.*

*Cannulation
accepts wires
and pins up to
.236" (6.0mm).*

*Chuck accepts
wires and pins up
to ¼" (6.35mm).*

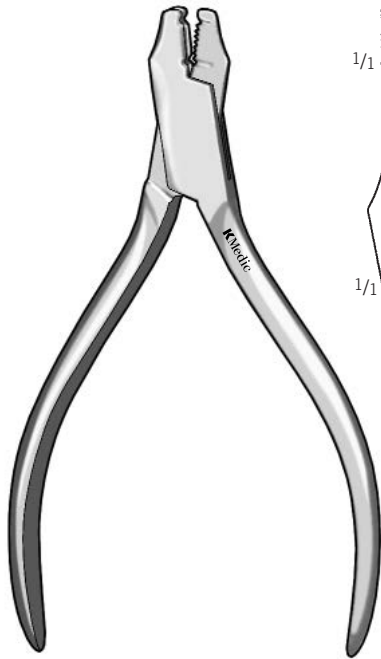


STEINMANN PIN CHUCK
KM 48-374
4" fully cannulated

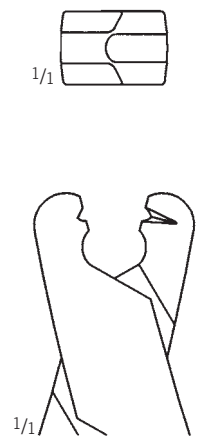
*Aids in bending
pins and wires.*



WIRE AND PIN BENDER
KM 48-372
6"
Accepts wires and pins
up to ⅜" (3.2mm).



K-WIRE AND PLATE BENDER
KM 49-724
4 3/4"
Bends mini plates and up to 1.1mm (.045") K-Wire to 90° angle
3 prong



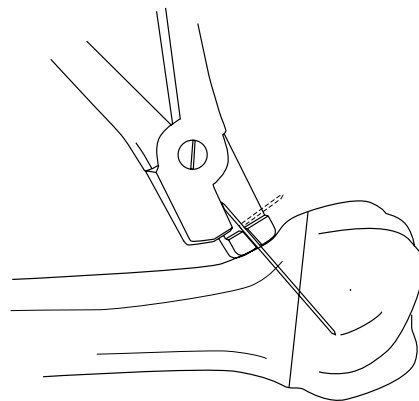
K-WIRE BENDER
KM 49-802
5 1/2"
Bends up to 1.6mm (.062") K-Wire to 90° angle
3 prong

Gratloch™ Wire Bender

Bend .062" K-Wire single-handedly without sacrificing stability



GRATLOCH™ WIRE BENDER
KM 48-370
7 1/2"
maximum capacity .062" (1.6mm)
special hardened, wear-resistant stainless tool steel
U.S. Patent #5,314,431



The Gratloch™ Wire Bender can stabilize and bend a Kirschner wire simultaneously. K-Wires can be bent close to the bone single-handedly without sacrificing fracture or osteotomy stability.

To bend wire:

1. After the insertion of K-Wire in the bone, cut the wire, leaving a piece of 1/2" to 3/4" in length.
2. Insert the K-Wire into angled slot of Gratloch™ Bender as close to the bone as possible.
3. Press handles to bend wire (.062" wire will bend 90 degrees, smaller diameters will bend slightly less than 90 degrees).
4. Additional features of the Gratloch™ Wire Bender are two angled cannulations at the proximal end of each handle for flush bending of wire (.045" and .062").

HAND DRILLS



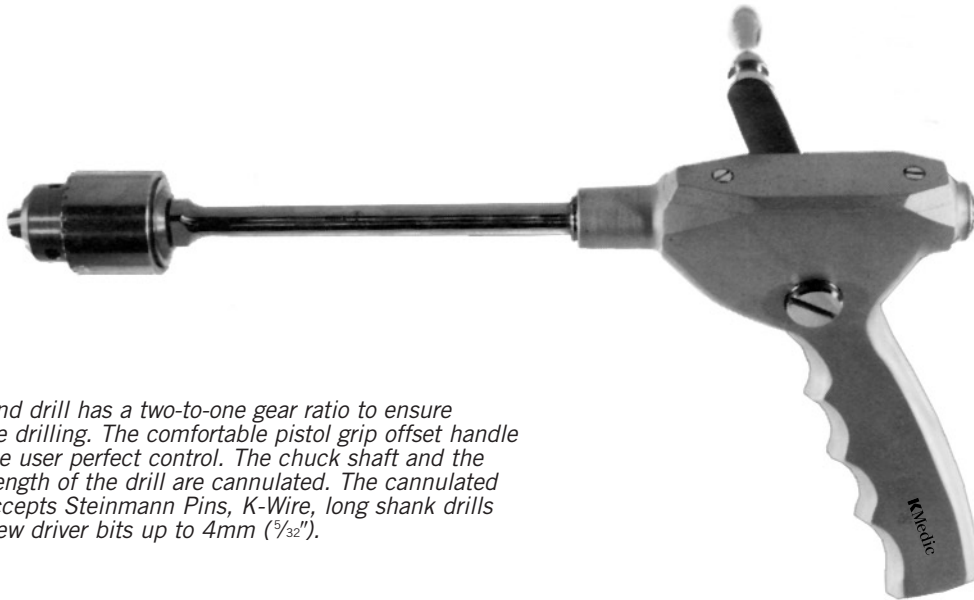
BUNNELL DRILL

KM 48-392
5 $\frac{3}{4}$ " cannulated
3-jaw stainless Jacobs chuck
Includes key chuck
Accepts wires and pins up to 4.0mm ($\frac{5}{32}$ ").
Store chuck key in handle. Body is made of aluminum.



RALKS DRILL

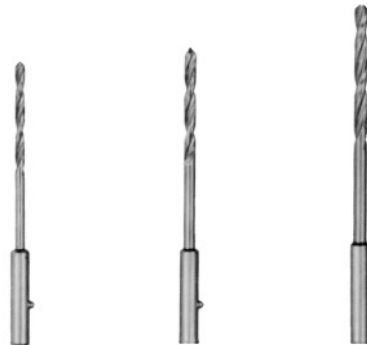
KM 48-390
6" cannulated
3-jaw stainless chuck
Includes key chuck
Accepts wires and pins up to 6.35mm ($\frac{1}{4}$ ").
Offset handle. Body is made of aluminum.



This hand drill has a two-to-one gear ratio to ensure accurate drilling. The comfortable pistol grip offset handle gives the user perfect control. The chuck shaft and the entire length of the drill are cannulated. The cannulated shaft accepts Steinmann Pins, K-Wire, long shank drills and screw driver bits up to 4mm ($\frac{5}{32}$ ").

UNIVERSAL DRILL

KM 48-394
10" cannulated stainless chuck
Includes key chuck
Chuck accepts wires and pins up to 6.35mm ($\frac{1}{4}$ ").
Body is made of aluminum.



KM 48-466
drill bit
2.5mm

KM 48-467
drill bit
3mm

KM 48-468
drill bit
3.5mm

STILLE-SHERMAN DRILL with quick coupling
 KM 48-465 9½" drill only
 chrome plated gears
 stainless handle

KM 48-469
 drill and
 complete set of stainless drill bits



KM 48-426
drill bit
2.5mm

KM 48-427
drill bit
3mm

KM 48-428
drill bit
3.5mm

KM 48-429
drill bit
4mm

KM 48-430
trephine
10mm

KM 48-431
round burr
5mm



KM 48-432
round burr
8mm

KM 48-433
round burr
12mm

KM 48-434
round burr
16mm

KM 48-435
drill bit
1mm

KM 48-436
drill bit
1.5mm

KM 48-437
drill bit
2mm

STILLE PATTERN DRILL
 with quick coupling
 KM 48-425 8" chrome plated
 drill only
 chrome plated gear
 stainless handle

KM 48-438
 drill and
 complete set of stainless
 drill bits and burrs

HAND DRILLS

Q
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MOORE DRILL
KM 48-420
11" drill only
chrome plated drill
stainless handle

KM 48-423
drill and complete
set of stainless drill bits



KM 48-421
drill bit
7cm length
3.2mm diameter



KM 48-422
drill bit
9cm length
3.2mm diameter



MARTIN DRILL
KM 48-415
10½"
stainless drill
anodized aluminum handle



CHUCK AND KEY
KM 48-443



COUPLING BOW
KM 48-442



CHUCK AND KEY
KM 48-443



COUPLING BOW
KM 48-442



TELESCOPIC HAND DRILL
KM 48-440
12" with drill guide, coupling bow
and chuck and key
chrome plated gears
stainless handle



DRILL GUIDE
KM 48-441
shown extended



KIRSCHNER DRILL
KM 48-450
15" telescopic drill
with drill guide, coupling bow
and chuck and key
chrome plated gears
stainless handle



DRILL GUIDE
KM 48-451

HAND DRILLS

Q
12



EXTENSION PIECE
KM 48-455



HUDSON BURR
KM 48-456
9mm



HUDSON BURR
KM 48-457
14mm



HUDSON BURR
KM 48-458
16mm



HUDSON BURR
KM 48-459
22mm



HUDSON DRILL
KM 48-454
10 1/2" drill only
with improved snap-lock chuck
all stainless steel



CUSHING DRILL BIT
KM 48-460
14mm



DRILL BIT
KM 48-461
2mm



MCKENZIE DRILL BIT
KM 48-462
13mm



D'ERRICO DRILL BIT
KM 48-463
16mm

KM 48-464
drill with extension
piece and complete set
of stainless burrs and bits

**About KMedic
Wire and Pin Cutters**

In the past, surgeons have often had to rely on hardware store quality cutters made with inferior metals that can contaminate and ruin stainless steel instrumentation. Now KMedic can meet all of your wire and pin cutting requirements with our complete line of stainless steel cutting instruments.

Made from stainless steel – All of our wire cutters are engineered to meet the demanding needs of cutting rods, pins, cables and wires in the Operating Room. Jaws are made from the toughest specially-tempered tool steel or have tungsten carbide inserts.

More cutting power – Cutters designed with double action give you more cutting power and help absorb the shock of wire cutting. For the surgeon there is better control and less fatigue.

Most extensive selection – We offer more jaw and handle styles than any other instrument company.

Note on carbide instruments – Instruments with carbide inserts can be replaced, however, welded carbide jaws can not be replaced.

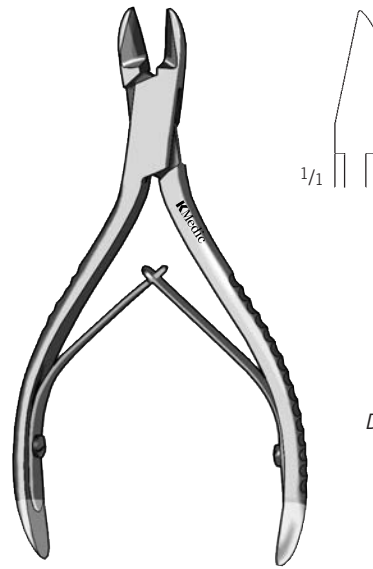
To achieve the best results when cutting wires and pins, follow these simple steps:

- Choose the appropriate cutter for the wire diameter you want to cut.
- Do not exceed the maximum capacity marked on each cutter.
- Cut wire in the middle of the jaw—not on the tip or in the corner.
- Keep the jaw at right angles to the piece being cut. Do not twist or turn cutter.

Caution: Be sure to protect patient and O.R. personnel from flying particles (especially the eyes). The harder the metal, the farther the pieces can fly.

Important note on maximum capacities

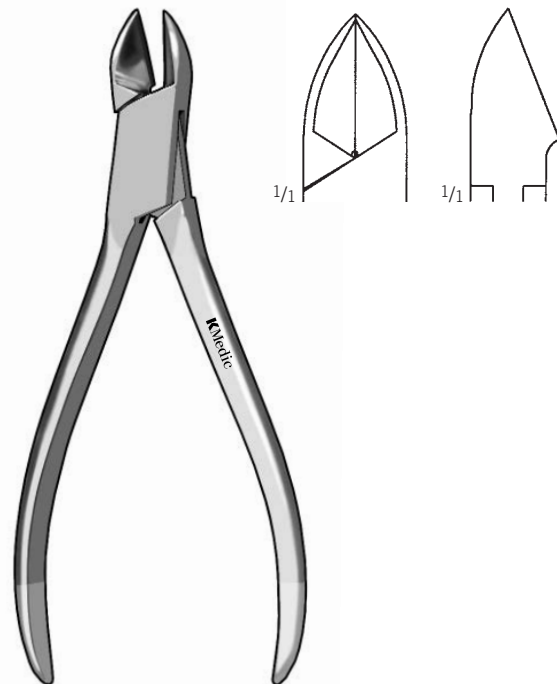
Modern rods and pins vary greatly in hardness and tensile strength. All maximum capacities noted in this Sourcebook are based on tests using standard strength KMedic implant material. Cutting material which exceeds our standard strength ratings, such as certain high strength spinal rods, may damage or shorten the life of cutting edges and voids the instrument warranty. If you're not sure whether our cutter can handle your material, give us a call (800) 955-0559.



Delicate side-cutting jaws with carbide inserts. Especially useful for pediatric, foot and hand surgery.

DELICATE WIRE CUTTER

KM 46-622
4 3/4" side cutting with carbide inserts
maximum capacity .028" (0.7mm)

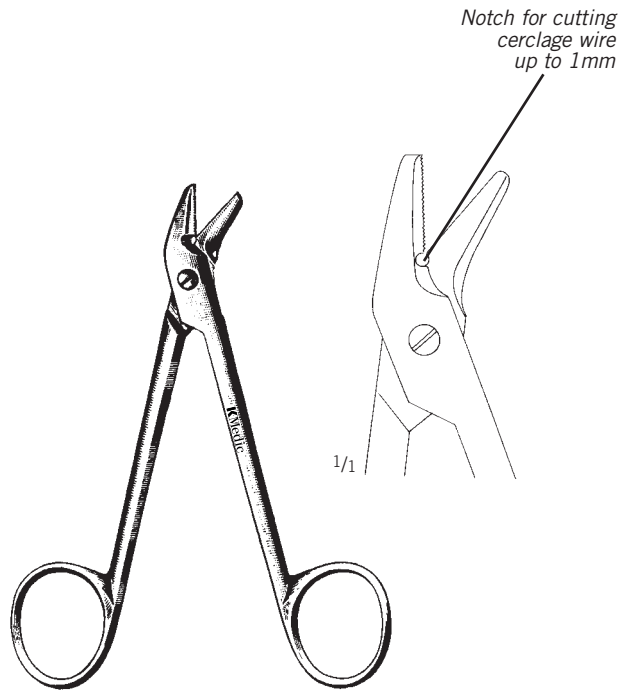


K-WIRE SIDE CUTTER

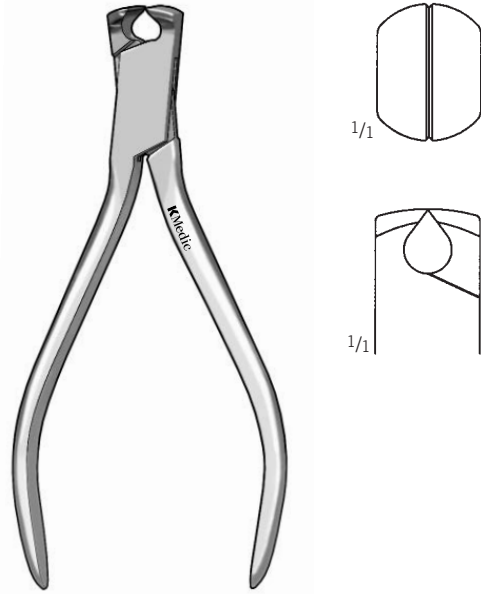
KM 49-734
6" side cutting welded carbide jaws
maximum capacity .045" (1.1mm)

WIRE AND PIN CUTTERS

Q
14



WIRE CUTTING SCISSORS 4¾"
KM 35-198 KM 35-200
one serrated blade, angular one serrated blade, angular, carbide

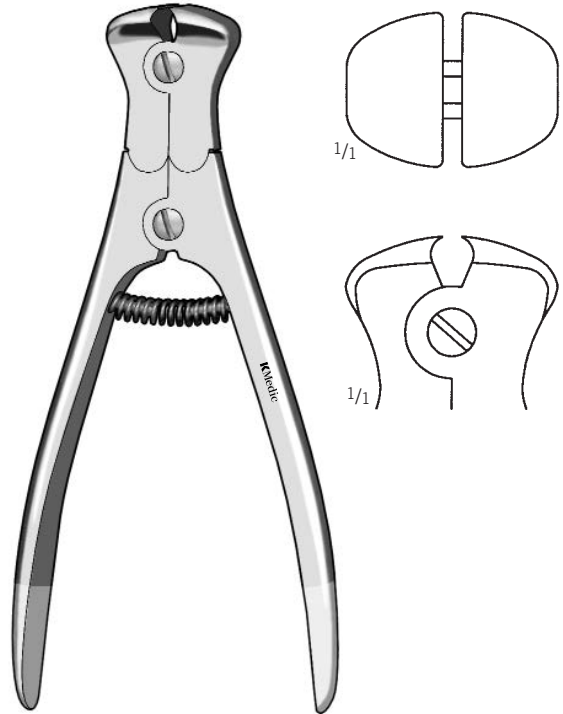


K-WIRE END CUTTER
KM 49-735
5½" end cutting
maximum capacity .045" (1.1mm)

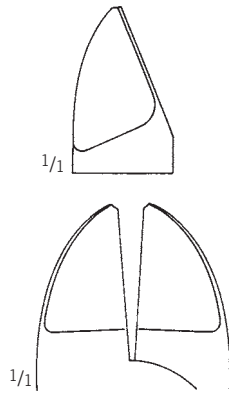


DIAMOND PIN CUTTER
KM 46-651
6¼" end cutting
maximum capacity ¼" (2.0mm)

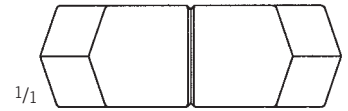
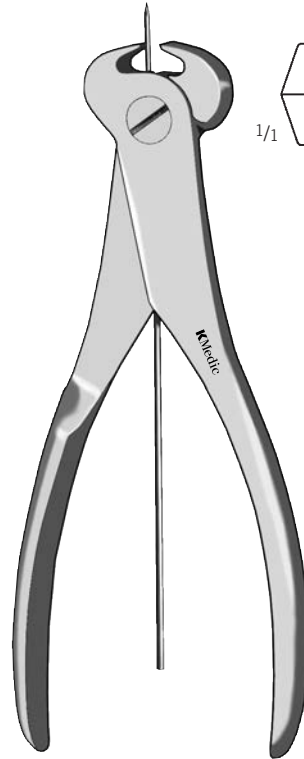
Disassembles easily for cleaning.



END CUTTER
KM 46-649
6" end cutting
welded carbide jaws
maximum capacity .062" (1.6mm)

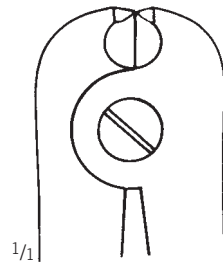


SIDE CUTTER
KM 46-621
7" side cutting
welded carbide jaws
maximum capacity .062" (1.6mm)



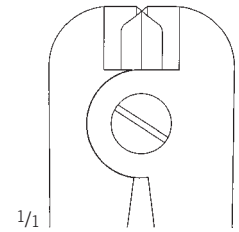
Cannulation allows you to slide the cutter over the inserted wire. The piece cut off will be held safely inside the channel.

CANNULATED PIN CUTTER
KM 46-647
7 1/2" end cutting
maximum capacity .062" (1.6mm)

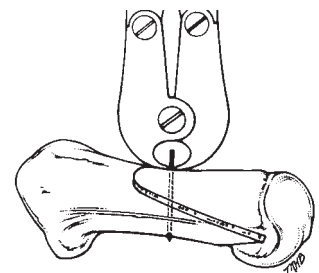


The smooth double action combined with the versatile jaw design make this cutter a favorite one with many surgeons.

FRONT AND SIDE WIRE CUTTER
KM 46-625
7" front and side cutting
with carbide inserts, double action
maximum capacity .062" (1.6mm)



This improved version of our Front and Side Cutter cuts flush to the bone like no other wire cutter. This is a big advantage in buried wire procedures.



FLUSH WIRE CUTTER
KM 46-631
7" front and side cutting
with carbide inserts, double action
maximum capacity .062" (1.6mm)

Wire Cutter with Safety Inserts

Combines maximum leverage and optimum safety.



The KMedic Wire Cutter with Safety Inserts can help prevent the potentially dangerous occurrence of flying K-Wire pieces in the O.R. This instrument is designed to hold the cut piece of wire in its silicon inserts. After cutting, the remnant wire can be safely disposed of, thus preventing cut pieces from falling into the wound site or flying into the air.

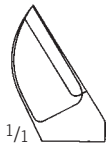
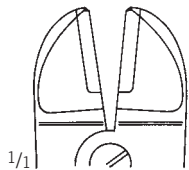
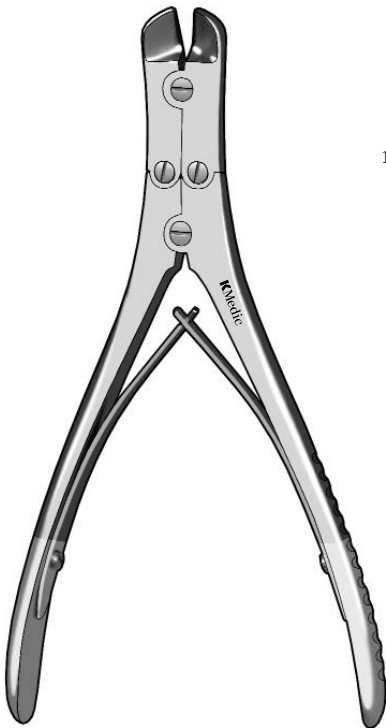
The silicon inserts are autoclavable and long-lasting. And as inserts are not glued into the jaws, replacement is fast and easy. Simply insert the new ones by pressing them into place. Inserts do not fall out or move under normal circumstances.

Patent pending design manufactured exclusively by KMedic.

WIRE CUTTER WITH SAFETY INSERTS

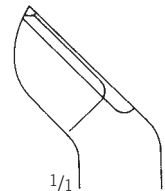
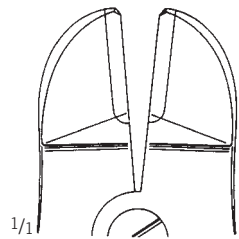
KM 49-740
7" front and side cutting
double action
maximum capacity .062" (1.6mm)
patent pending

KM 49-740P
set of replacement
silicon inserts

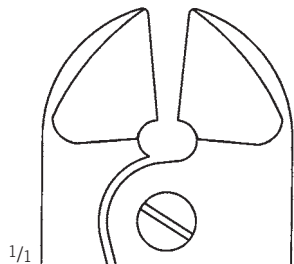
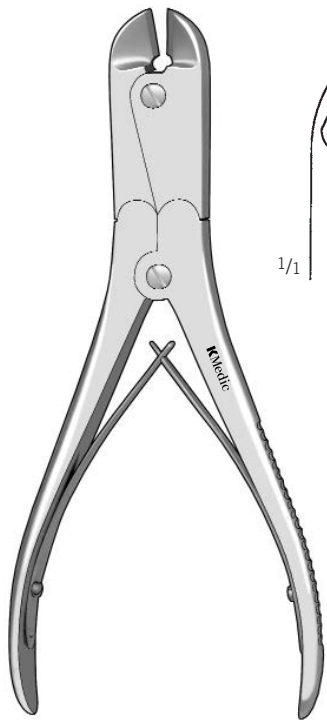


Narrow jaw makes this cutter a favorite with hand and foot surgeons.

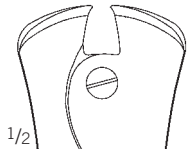
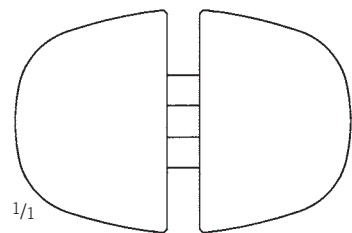
DOUBLE ACTION WIRE CUTTER
KM 46-623
7" angled, side cutting
with carbide inserts
maximum capacity .062" (1.6mm)



DOUBLE ACTION WIRE CUTTER
KM 46-624
8 1/2" angled, side cutting
with carbide inserts
maximum capacity 3/32" (2.4mm)



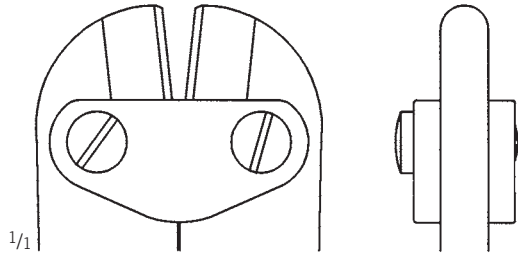
SIDE CUTTER
KM 49-736
9" side cutting
welded carbide jaws
maximum capacity 3/32" (2.4mm)



END CUTTER
KM 49-738
8 1/2" end cutting
welded carbide jaws
maximum capacity 3/32" (2.4mm)

WIRE AND PIN CUTTERS

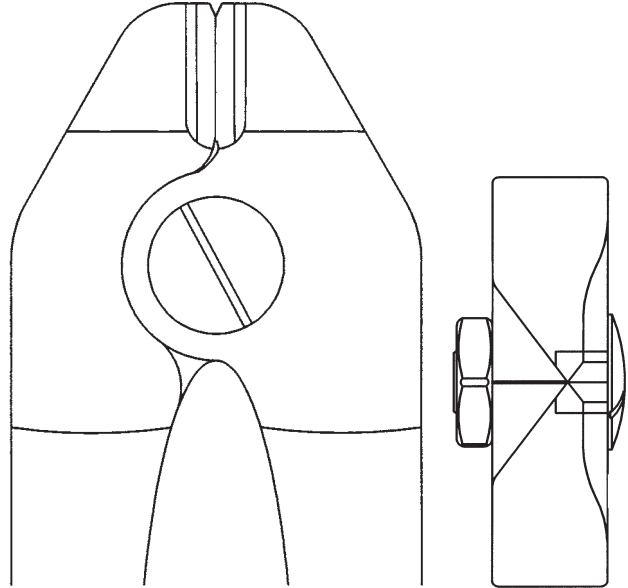
Q
18



Double action handles give more power to cut pins up to 1/16" (3.2mm).



DOUBLE ACTION PIN CUTTER
KM 49-800
9 1/2" side cutting
maximum capacity 1/16" (3.2mm)



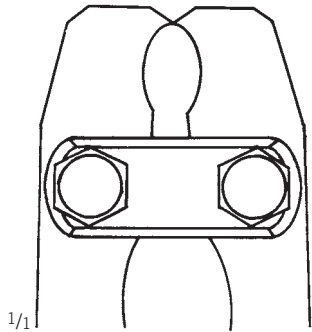
Heavy duty cutter for rods up to 4.0mm and heavy Steinmann pins.

Slightly angled jaws house long-lasting special carbide inserts for cutting hard titanium and stainless steel rods.

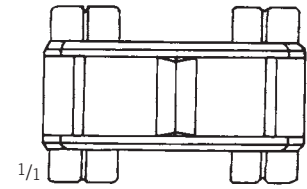


SIDE PIN CUTTER
KM 46-629
15" side cutting
with carbide inserts
maximum capacity 5/32" (4.0mm)

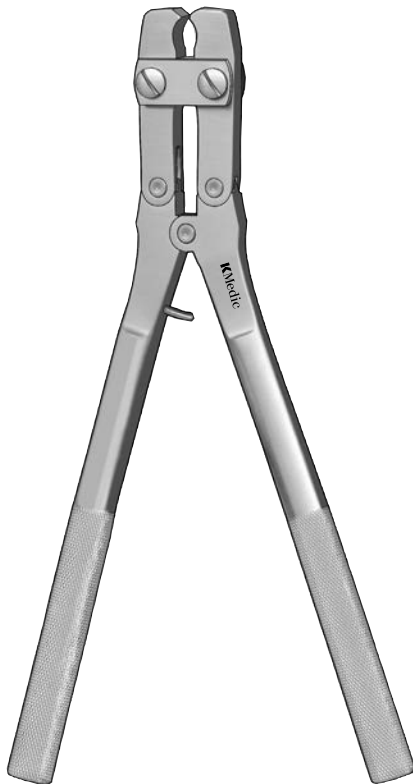
*Heavy duty cutters,
engineered exclusively
by KMedic have
replaceable jaws.*



1/1



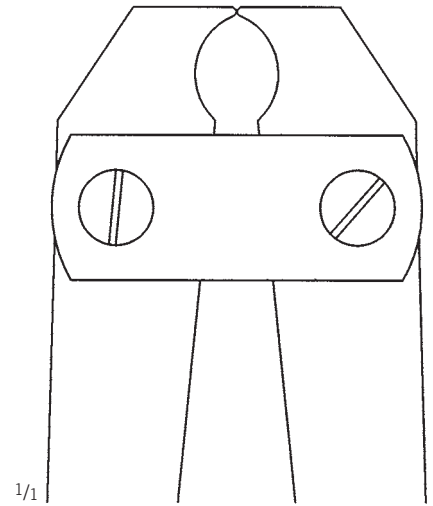
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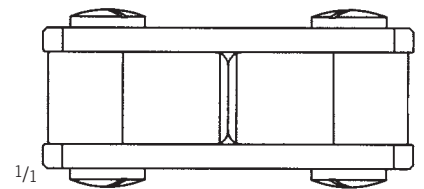
PIN CUTTER (SMALL)
KM 46-632
10" end cutting
maximum capacity $\frac{1}{8}$ " (3.2mm)



PIN CUTTER (MEDIUM)
KM 46-633
16" end cutting
maximum capacity $\frac{3}{16}$ " (4.7mm)



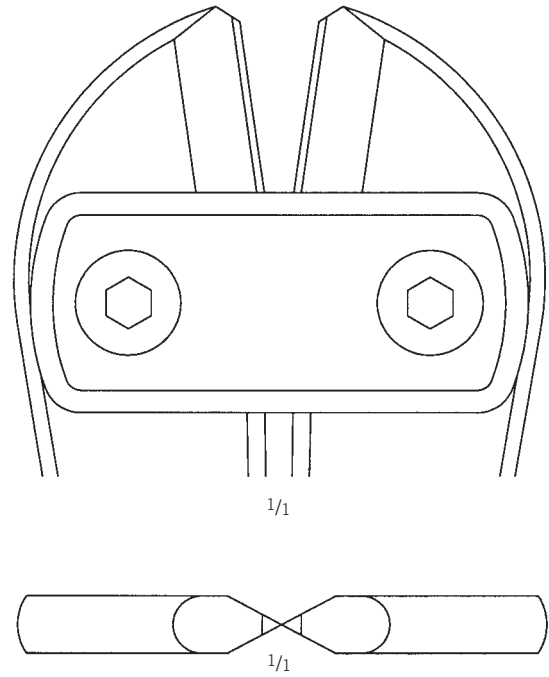
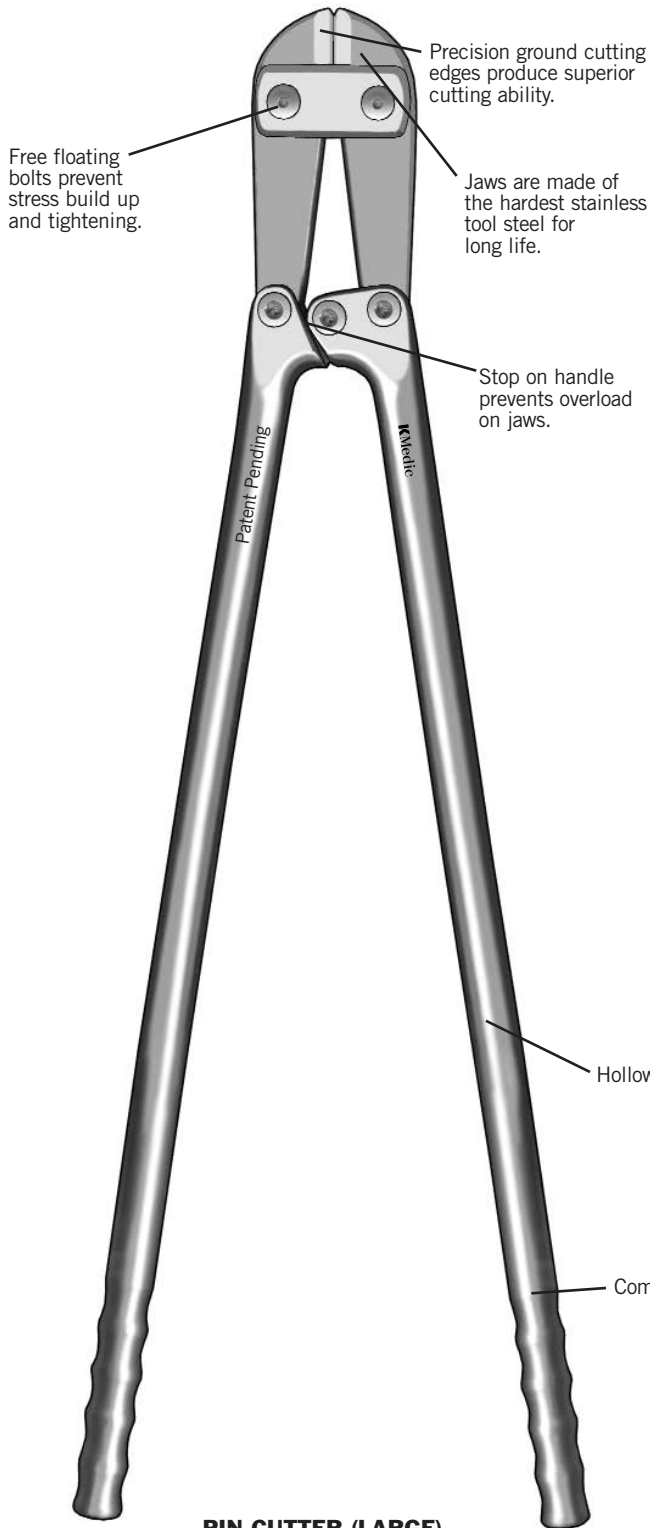
1/1



1/1

Large Pin Cutter

Manufactured only by KMedic.



Precisely ground jaws are made from the hardest stainless steel available. This cutter will cut harder spinal rods for a longer period of time.

Please see our note about maximum capacities on page Q13.

PIN CUTTER (LARGE)
KM 46-626
22" side cutting
maximum capacity 1/4" (6.3mm)
patent pending

IMPORTANT: *This large cutter is not designed to be used inside the patient's body.*

Table Top Rod Cutter

Provides an easy and safe way to cut spinal rods.



Powerful double-action jaws enable surgeons to cut 1/4" rods with one hand.

Shearing action cuts cleanly—no raised burrs or sharp jagged edges.

Unique cutting process can help prevent the potentially dangerous occurrence of flying rod pieces in the O.R.

Ergonomically-designed patented Ortho-Grip™ silicone handle provides a comfortable, slip-proof grip.

Base and handle are perfectly balanced to ensure stability and prevent lifting.

Simple, efficient design has no folding levers, loose parts, or bearings that can breakdown.

Cuts rods from:
4.76mm (3/16") to 6.35mm (1/4")

TABLE TOP ROD CUTTER
stainless steel with silicone handle
KM 46-628 27"

How to use the KMedic Table Top Rod Cutter:

1. Lift handle up.
2. Insert rod in proper diameter hole.
3. Press handle down.

Hand-Held Rod Cutter



All of the benefits of the table top cutter in a hand-held model.

Cuts rods from:
4.76mm (3/16") to 6.35mm (1/4")

HAND-HELD ROD CUTTER
stainless steel with silicone handle
KM 46-635 27"

IMPORTANT: This large cutter is not designed to be used inside the patient's body.

The KMedic Cable Cutter

Cuts cleanly through cables without fraying!

Durable tungsten carbide jaws cut hard cables smoothly and easily.

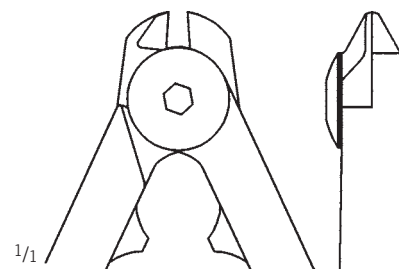
Strong joint design is long-lasting and allows precise cutting.

Handle stop for defined jaw travel.

Jaw angle captures the cable, then cuts through all strands at once—eliminating frayed ends.

Cuts through cable with one cut—reducing risk of small cable particles falling into operating site.

Instrument shown full size. ^{1/1}



Small jaw design allows surgeon to get close to bone—even in tight spaces.

Positive handle bars provide comfortable non-slip grip and precise control.

Long lasting extra heavy springs provide solid return.

Tested. After 1,000 cuts using cobalt chrome cable, the cutter performed as well as it did on the first cut.

CABLE CUTTER

KM 48-378
7"

maximum capacity 2.0mm cable
jaws can be resharpened and replaced

NOTE: This instrument should only be used for cutting cable. Lubricate joint to ensure proper function.

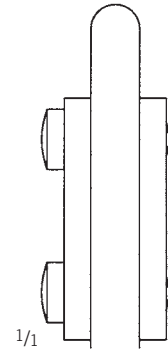
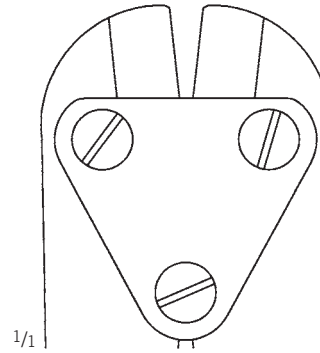
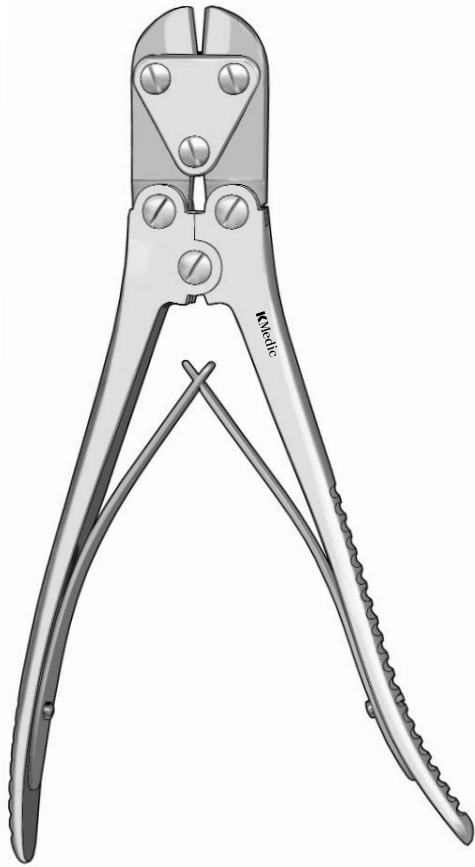


PLATE CUTTING FORCEPS
KM 47-932
9 1/2"
for cutting stainless steel
mini plates up to 1mm

About KMedic Pliers

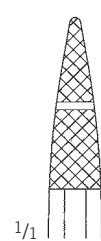
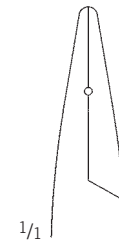
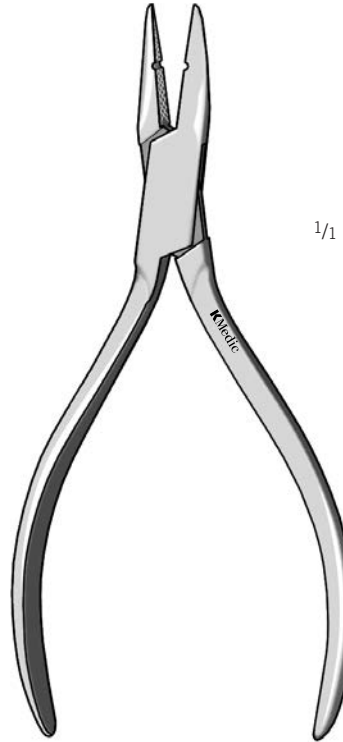
We manufacture a wide range of stainless steel pliers. Whether you are bending delicate 0.2mm cerclage wire or removing a 3.2mm Steinmann Pin we make a pair of pliers to handle the job.

Quality Assurance

Every KMedic instrument is made for us to exact specifications. Much of our time is spent assuring the quality of the products we sell. The KMedic name does not go on any instrument that fails to pass our tough Quality Assurance Standards. We know our reputation depends on providing a quality product that will perform consistently for years.

Value

They are built to last! Our instruments are made from the finest German stainless steel. Unlike inferior "hardware store" quality, our pliers won't chip or contaminate fine surgical instruments.

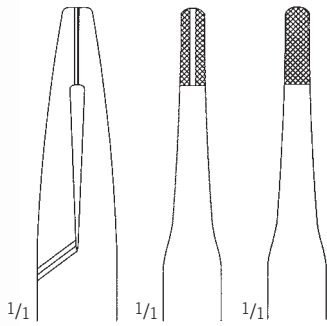


*Delicate needle nose
jaws specifically
designed to handle
cerclage wire. Jaw
tapers to 1mm.*

NEEDLE NOSE PLIERS
KM 48-242
5 1/2" delicate

PLIERS

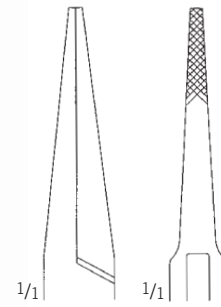
Q
24



Tungsten carbide inserts and grooved opposing jaw design grip small pins securely. Small size is well suited for foot and hand procedures. Jaws are 3mm at tip.

PIN PULLING PLIERS

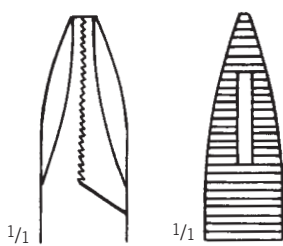
KM 46-578
5 1/2" with tungsten carbide inserts
3mm tip



Delicate jaw tapers to 2mm. Made to twist and bend cerclage wire.

FLAT NOSE PLIERS

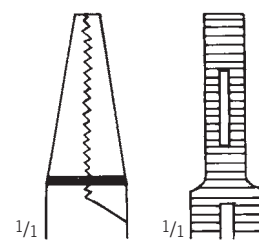
KM 48-248
6" delicate
2mm tip



Jaw tapers to 2mm making it easier to get close to the bone to remove K-Wires.

NEEDLE NOSE PLIERS

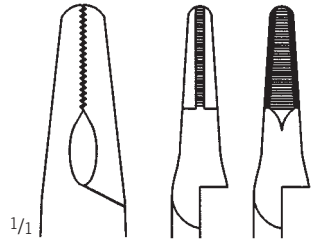
KM 48-245
5 1/2"
2mm tip



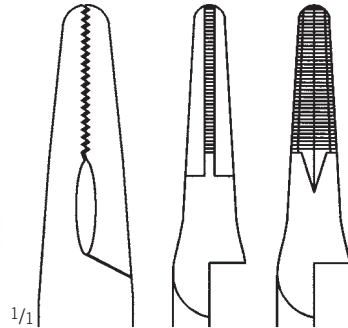
5mm tip can grasp larger Steinmann Pins and K-Wires. Ideal for light use.

FLAT NOSE PLIERS

KM 48-246
5 1/2" broad
5mm tip

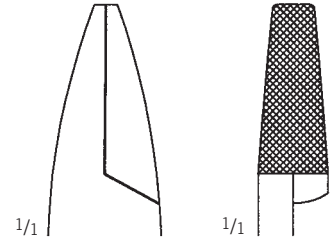


KM 48-257



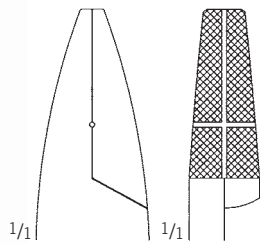
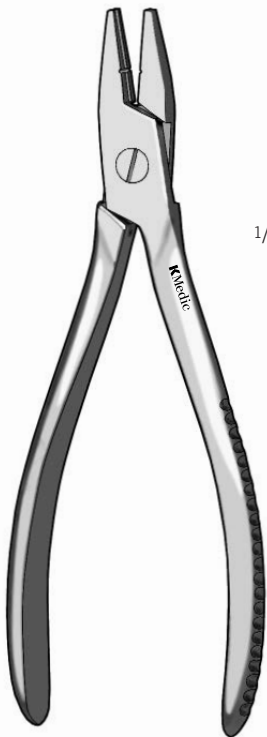
KM 48-258

K-WIRE EXTRACTION PLIERS with screw lock
KM 48-257 5", 3mm tip
KM 48-258 7", 4mm tip



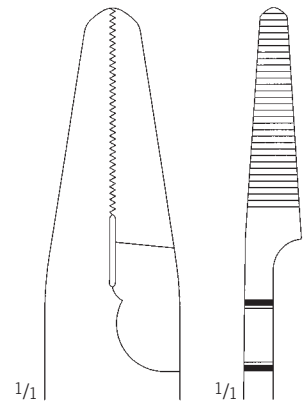
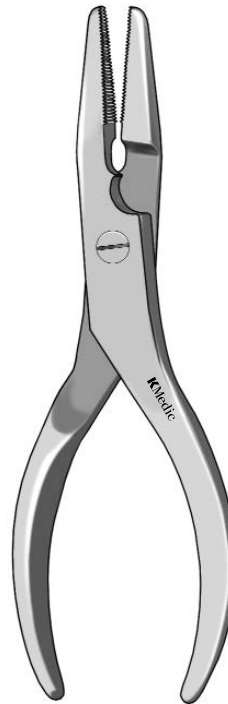
FLAT NOSE K-WIRE PLIERS
KM 48-256
7"
3mm tip

Multi-purpose plier with flat jaws that taper to 3mm for pulling K-Wire.



Multi-purpose plier with flat jaws that taper to 3mm for pulling K-Wire. Side groove for cerclage wire.

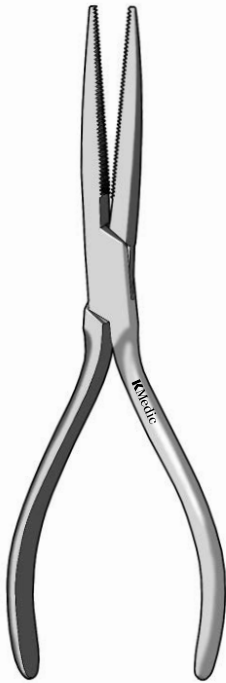
FLAT NOSE K-WIRE PLIERS with groove
KM 48-254
7"
3mm tip



FLAT NOSE PLIERS
KM 48-243
6½"
3.5mm tip

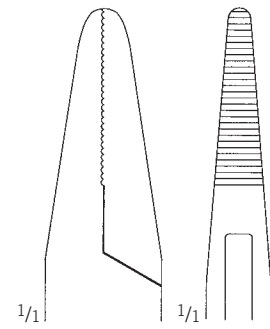
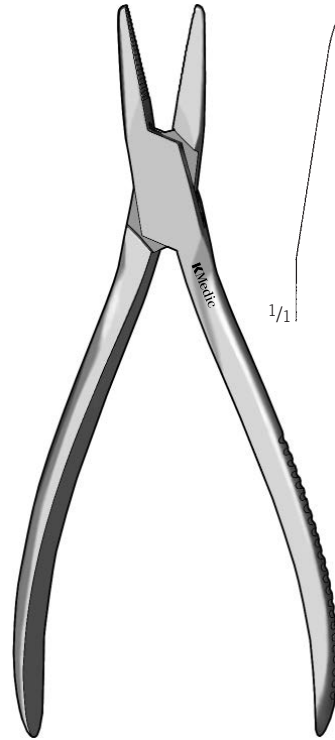
Combination plier and cutter. Cuts all sizes (0.2mm to 1.5mm) of cerclage wire. Jaw tapers to 3.5mm.

PLIERS



Long delicate jaws are 2mm at the tip. Perfect for pulling K-Wires, especially in hard to reach sites.

LONG JAW NEEDLE NOSE PLIERS
KM 48-250
7" parallel grooved jaws
jaw length: 2 1/4"
2mm tip



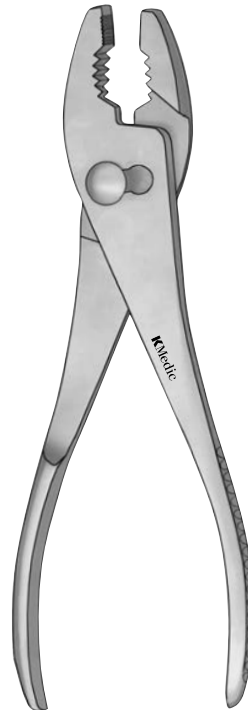
Extra heavy jaws for pulling K-Wires and Steinmann Pins. An economical alternative to double action pliers. Jaw tapers to 3mm.

NARROW NOSE WIRE PULLING FORCEPS
KM 48-253
7 1/2"
3mm tip



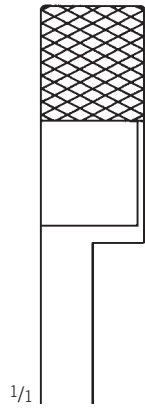
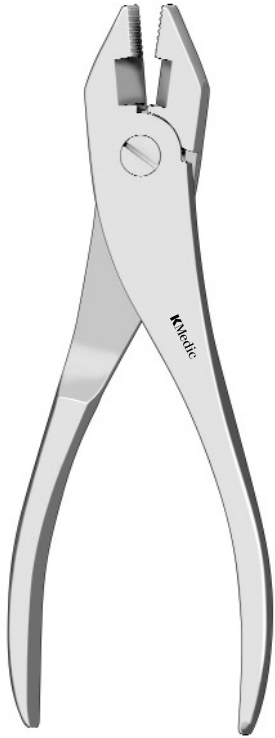
Useful for removing 3.0mm to 4.5mm screws.

SCREW REMOVAL FORCEPS with speed lock
KM 49-920
7"
with carbide inserts



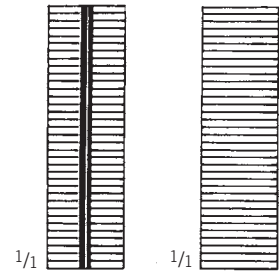
Traditional design utility pliers have adjustable jaws. Good all purpose plier for handling Steinmann Pins, K-Wires, screws and rods. 10mm jaw tip.

SLIP JOINT PLIERS
KM 48-262
8"
10mm tip
maximum opening 2"



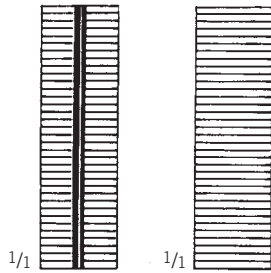
1/1
Combination pliers and K-Wire Cutter. An economical general purpose instrument.

LINEMAN PLIERS with cutting edge
KM 48-259
8½" side cutting
maximum capacity .062" (1.6mm)



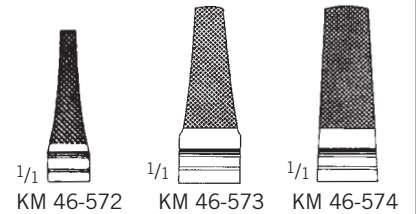
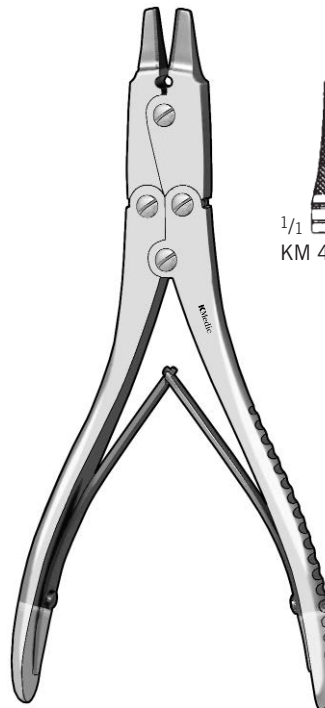
1/1 1/1
Parallel grooved 10mm jaws provide enormous gripping power. Ideal for pin removal.

PARALLEL PLIERS
KM 48-604
7"
10mm tip
maximum opening ½"



1/1 1/1
Combination pliers and wire cutter has all the benefits of our Parallel Pliers plus a cutting jaw for K-Wires up to .062" (1.6mm).

PARALLEL PLIERS with cutter
KM 48-605
7"
10mm tip
maximum opening ½"
maximum capacity .062" (1.6mm)



1/1 1/1 1/1
KM 46-572 KM 46-573 KM 46-574
Recommended for heavy use. Double action and finely serrated carbide tips combine to provide a powerful grip on K-Wires and pins.

2mm tip is ideal for removing K-Wire up to 0.62mm from small, hard-to-reach sites.

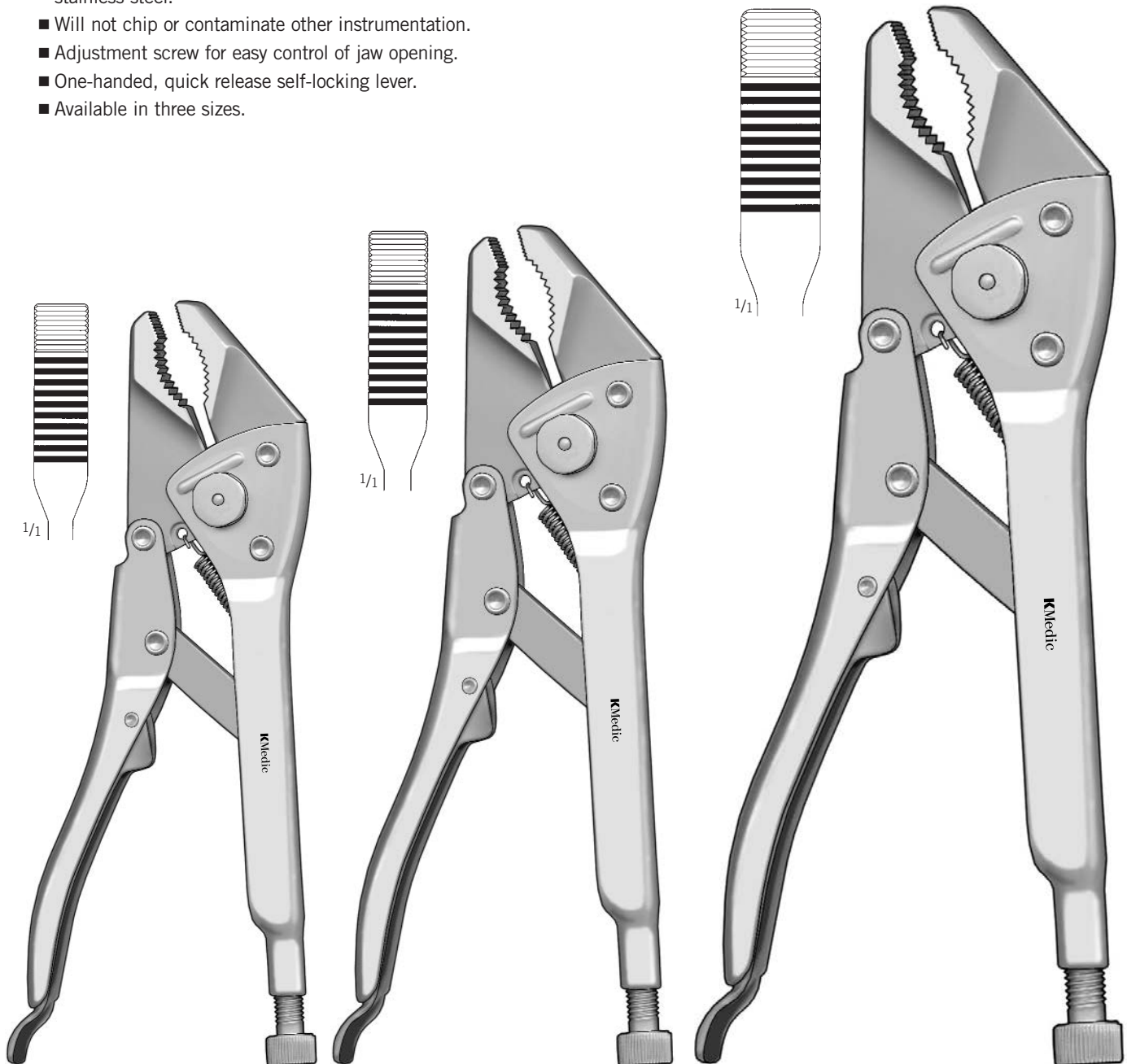
4mm and 6mm jaws are ideal for grasping and pulling all sizes of K-Wires and pins.

DOUBLE ACTION WIRE EXTRACTION PLIERS 7"
KM 46-572 2mm delicate jaw, carbide
KM 46-573 4mm jaw, carbide
KM 46-574 6mm jaw, carbide

Heavy Duty Locking Pliers

With a new reinforced, more durable jaw.

- Heavy duty jaws lock securely onto pins.
- Reinforced jaw hinge and housing are more rigid to help prevent side to side shifting.
- Made from 300 and 400 series surgical grade stainless steel.
- Will not chip or contaminate other instrumentation.
- Adjustment screw for easy control of jaw opening.
- One-handed, quick release self-locking lever.
- Available in three sizes.



SMALL LOCKING PLIERS

KM 48-600
6 3/4"
tip width 7mm
maximum opening 1"

MEDIUM LOCKING PLIERS

KM 48-602
8"
tip width 9mm
maximum opening 1"

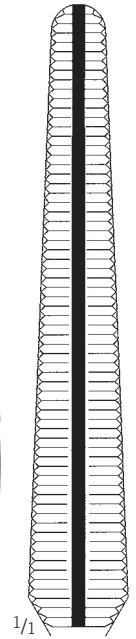
LARGE LOCKING PLIERS

KM 48-608
10"
tip width 13mm
maximum opening 1 1/2"

Needle Nose Locking Pliers

With a new reinforced, more durable jaw.

- New 12" model has an impressive powerful jaw. The body is made from 2.5mm stainless steel. This plier will hold up better in the O.R. than any other needle nose plier—we guarantee it!
- Both pliers have a more durable, reinforced jaw hinge and housing which helps keep the ends in alignment, especially when plier is twisted.
- Other features; one tapered "V" grooved jaw which locks securely onto pins; adjustment screw; and one handed, quick release self-locking lever.
- KMedic pliers are made from 300 and 400 series surgical grade stainless steel. Unlike "hardware store" quality, they will not chip or contaminate other instrumentation.



NEEDLE NOSE LOCKING PLIERS

KM 48-606
9½"
length of jaw 2½"
tip width 5mm
jaws are parallel at 3mm

LARGE NEEDLE NOSE LOCKING PLIERS

KM 48-610
12"
length of jaw 3"
tip width 7mm
jaws are parallel at 5mm

Locking Pliers with Slaphammers

A powerful combination of locked gripping strength and controlled hammer action.

- These stainless steel heavy duty locking pliers with slaphammers enable surgeons to more easily extract prostheses, intramedullary nails, and hip fracture plates.
- The large pliers offer maximum versatility—slaphammers can be attached in three places; on the end or on either side. Small and medium pliers have end attachments only.
- If additional force is required, a mallet may be used on the hammer plate.
- For jaw length and tip widths refer to pages Q28 and Q29.

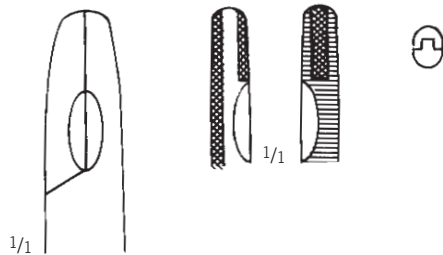
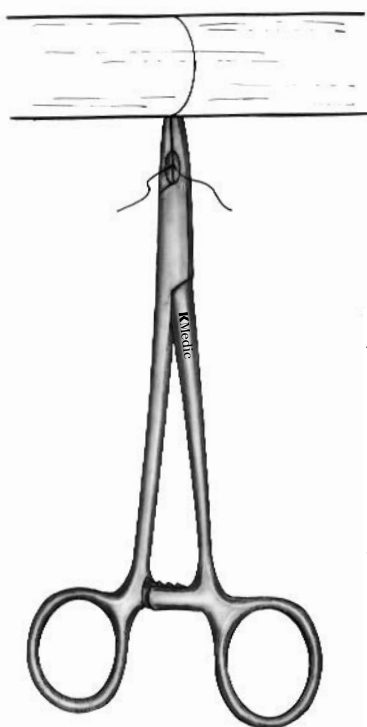


LOCKING PLIERS WITH SLAPHAMMER

- KM 48-612 6¾" small end attachment only
- KM 48-614 8" medium end attachment only
- KM 48-616 10" large end and side attachments

NEEDLE NOSE LOCKING PLIERS WITH SLAPHAMMER

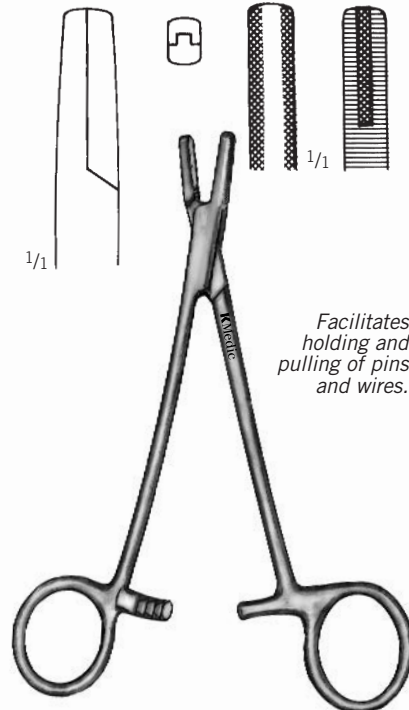
- KM 48-620 9½" medium end attachment only
- KM 48-622 12" large end and side attachments



Follow these easy steps to twist and tighten cerclage wire:

1. Position wire around bone. Bend the ends of the wire slightly upwards.
2. Feed both twisted wire ends through the tongue and groove jaw and push out and up through the jaw fenestration.
3. Engage the ratchet. This will lock the wire in place. Turn the entire instrument, tightening the wire around the bone.

WIRE TWISTER AND TIGHTENER
KM 69-846
6¼"



Facilitates holding and pulling of pins and wires.

WIRE PULLING FORCEPS
KM 46-637
6½"
maximum capacity: 1mm

Carbide inserts provide a slide-proof grip on cerclage wire. Very useful in wiring femurs or greater trochanter.



WIRE TWISTING FORCEPS
KM 48-320
6" with carbide inserts
3mm tip



WIRE TWISTING FORCEPS
KM 48-322
8" with carbide inserts
4mm tip

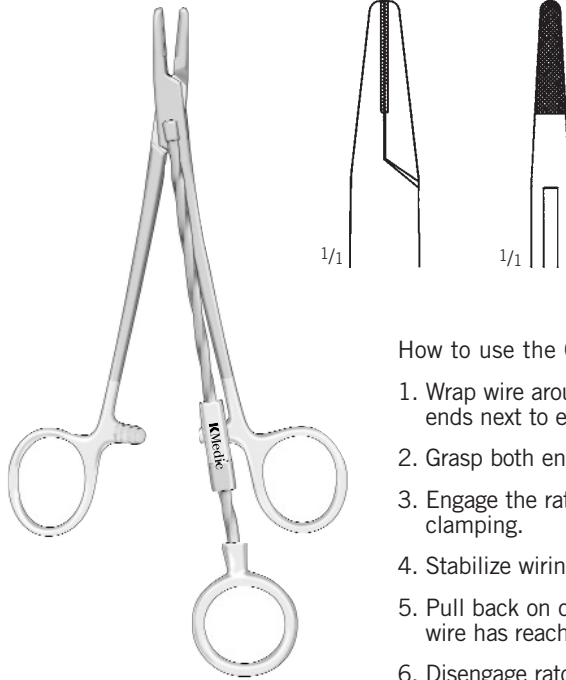


WIRE TWISTING FORCEPS
KM 48-324
7¼" with carbide inserts
6mm tip

WIRE TIGHTENERS



WIRE TIGHTENER
KM 46-618
4¾"



Saves time by semi-automatically twisting soft wire.

How to use the Corwin Wire Twister:

1. Wrap wire around bone and position ends next to each other.
2. Grasp both ends of wire with jaws.
3. Engage the ratchet to enforce solid clamping.
4. Stabilize wiring site.
5. Pull back on center ring repeatedly until wire has reached desired tension.
6. Disengage ratchet.

CORWIN WIRE TWISTER
KM 46-582
6¼" with carbide inserts



Useful for cerclage work in deep and restricted areas. Disassembles easily for cleaning.

How to use the Loute Wire Tightener:

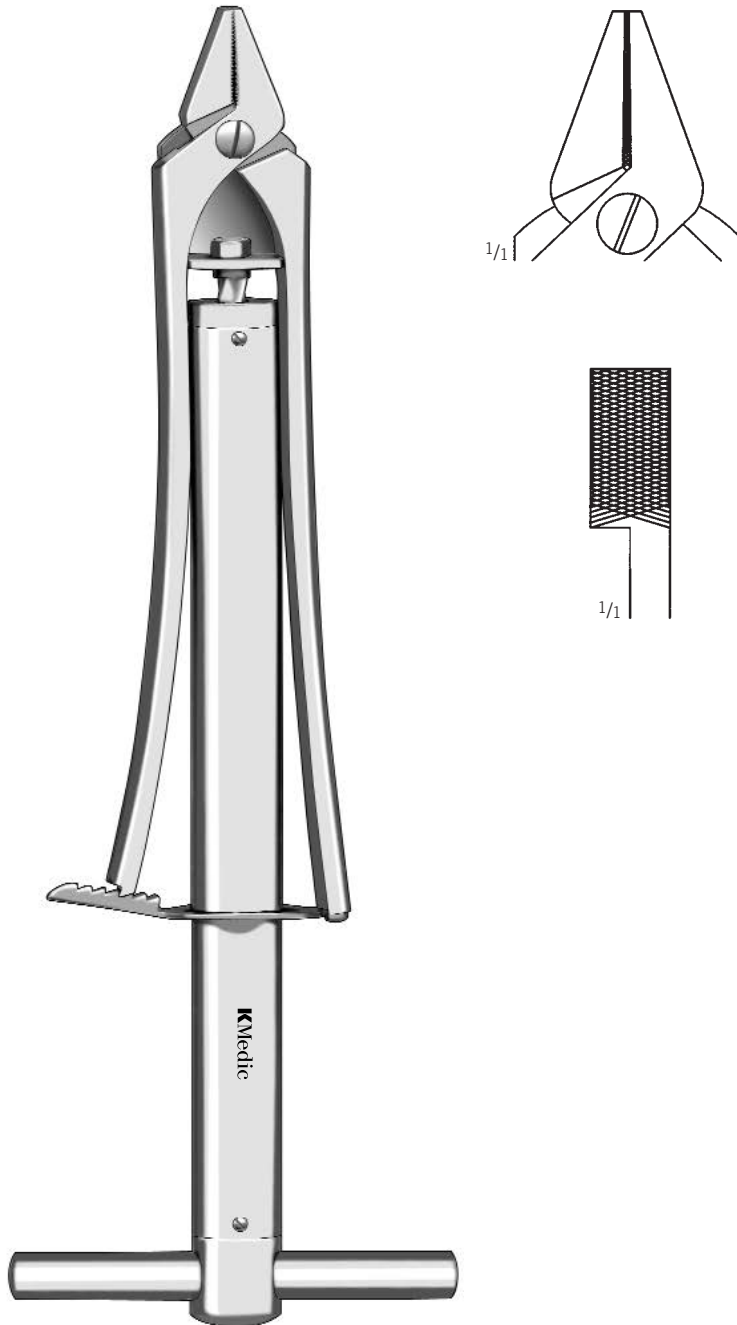
1. Loosen both knobs by turning counterclockwise until center pin disappears from view.
2. Pass wire around bone and feed both ends into center hole at the tip.
3. Use Wire Pulling Forceps (KM 46-637) to pull ends through and hold wire taut while pushing the instrument close to the bone.
4. Turn lower (distal) knob clockwise to lock wire in place. Then turn upper (proximal) knob clockwise to pull in remaining slack from wire.
5. Balance instrument in one hand and rotate it with the other hand until resistance is felt. Then hold tightener shaft tight and turn lower (distal) knob clockwise until wire is cut.

Note: Hold instrument straight (do not tilt) while tightening.

LOUTE WIRE TIGHTENER
KM 46-619
8½"
maximum capacity: 1.5mm/17 gauge cerclage wire

Jet Wire Twister

This time-saving instrument twists wire quickly and smoothly.



JET WIRE TWISTER

KM 49-810
11"
10mm tip

The KMedic Jet Wire Twister is designed to provide fast, smooth and even twisting of soft wire, saving time in the O.R. Now available for the first time in stainless steel. Suitable for the entire range of cerclage wire.

How to use the KMedic Jet Wire Twister:

1. Wrap wire around bone and position ends next to each other.
2. Grasp both ends of wire with jaw.
3. Engage the ratchet to enforce solid clamping.
4. Stabilize wiring site.
5. Pull back on t-handle repeatedly until wire has reached desired tension.
6. Disengage ratchet.

*Note: Jaws can be customized.
Please contact us for details.*

WIRE GUIDES AND TRACTORS

Q
34

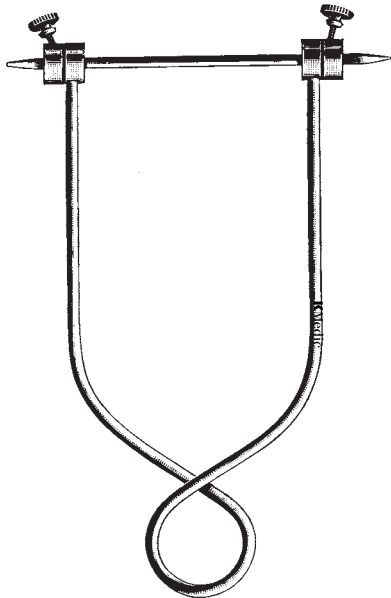


Cannulation allows for easy feeding of wire around the bone.

WIRE PASSER (CANNULATED)
 KM 48-386 7" 45mm diameter
 KM 48-388 9½" 70mm diameter



DEMEL WIRE GUIDE
 KM 48-380 10½" 30mm diameter
 KM 48-382 11½" 47mm diameter
 KM 48-384 12½" 57mm diameter



WIRE AND PIN TRACTOR (BOEHLER)

		inside length	inside width	pin included	pin size and dia.
KM 48-326	small	90mm	75mm	KM 71-432	5" 2.4mm
KM 48-328	medium	160mm	90mm	KM 71-434	7" 3.2mm
KM 48-330	large	210mm	150mm	KM 71-525	9" 4.0mm

Each Wire and Pin Tractor comes with one single trocar round end Steinmann Pin as listed.



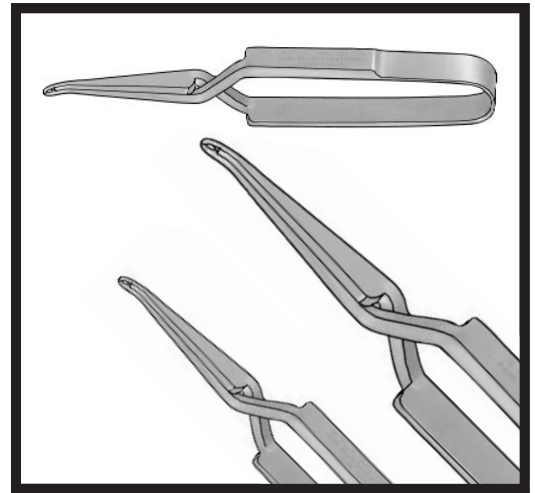
KIRSCHNER BOW

		maximum jaw opening
KM 48-270	5¾" small	5"
KM 48-272	7½" large	8½"
KM 48-274	9½" extra large	10"

Each Kirschner Bow comes with three hooks.

KMedic[®]

BONE SCREW AND PLATE MANAGEMENT INSTRUMENTS







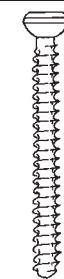
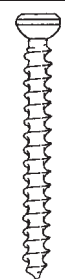




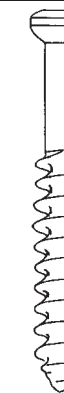
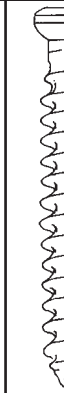
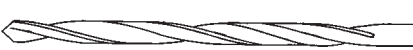
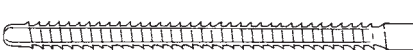
To implant bone screws and plates during internal fracture fixation.

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All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified. Where applicable, instrument dimensions are according to the International Organization for Standardization (ISO).

MASTER GUIDE SCREWS ■ DRILLBITS ■ TAPS ■ INSTRUMENTS

TYPE OF SCREW	KM NO.	73-006-20	73-106-124	73-206-224	73-310-350	73-410-440	73-510-550	73-814-870	73-725-770	73-900-095	74-000-095	74-100-195
			CORTICAL				CANCELLOUS		CORTICAL	MALLEOLAR	CANCELLOUS	
diameter		1.5mm	2.0mm	2.7mm	3.5mm	3.5mm	4.0mm	4.5mm	4.5mm	6.5mm	6.5mm	6.5mm
DRILL FOR GLIDING HOLE	KM NO.	48-052	48-054	48-058	48-063	48-063	—	48-067	—	48-067	48-068	48-068
	diameter	1.5mm	2.0mm	2.7mm	3.5mm	3.5mm	NONE	4.5mm	NONE	4.5mm	4.5mm	4.5mm
												
					FINE THREAD	COARSE THREAD						
DRILL FOR THREADED HOLE	KM NO.	48-051	48-052	48-054	48-057	48-054 or 48-057	48-054 or 48-057	48-061	48-061	48-061	48-061	48-061
	diameter	1.1mm	1.5mm	2.0mm	2.5mm	2.0mm or 2.5mm	2.0mm or 2.5mm	3.2mm	3.2mm	3.2mm	3.2mm	3.2mm
TAP	KM NO.	48-106	48-108	48-110	48-112	48-114	48-114	48-116	48-116	48-122	48-122	48-122
	diameter	1.5mm	2.0mm	2.7mm	3.5mm	3.5mm	3.5mm	4.5mm	4.5mm	6.5mm	6.5mm	6.5mm

*FOR SHAFT
IN HARD BONE

TYPE OF SCREW	KM NO.	73-006-20	73-106-124	73-206-224	73-310-350	73-410-440	73-510-550	73-814-870	73-725-770	73-900-095	74-000-095	74-100-195
		CORTICAL				CANCELLOUS		CORTICAL	MALLEOLAR	CANCELLOUS		
	diameter	1.5mm	2.0mm	2.7mm	3.5mm	3.5mm	4.0mm	4.5mm	4.5mm	6.5mm	6.5mm	6.5mm
COUNTERSINK	KM NO.	47-920	47-920	47-922	47-922	47-922	47-922	47-926	47-924	47-926	47-926	47-926
		diameter	1.1mm	1.1mm	2.0mm	2.0mm	2.0mm	2.0mm	4.5mm	3.2mm	4.5mm	4.5mm
DEPTH GAUGE	KM NO.	47-934	47-934	47-936	47-936	47-936	47-936	47-940	47-940	47-940	47-940	47-940
		length	24mm	24mm	50mm	50mm	50mm	50mm	100mm	100mm	100mm	100mm
QUICK COUPLING HANDLE	KM NO.	47-902	47-902	47-904	47-904	47-904	47-904	47-904	47-904	47-904	47-904	47-904
	 KM 47-904  KM 47-960			47-904	47-904	47-904	47-904	47-904	47-904	47-904	47-904	47-904
SCREWDRIVERS	KM NO.	47-950	47-950	47-953	47-953	47-953	47-953	47-954	47-954	47-954	47-954	47-954
				47-952	47-952	47-952	47-952	48-352	48-352	48-352	48-352	48-352
				48-350	48-350	48-350	48-350	48-479	48-479	48-479	48-479	48-479
				48-480	48-480	48-480	48-480					

Dimensional and material standards of instruments, bone screws and plates are according to the International Organization for Standardization (ISO).

MINI FRAGMENT SET

S
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INSTRUMENTS FOR MINI FRAGMENT FIXATION

1.5MM, 2.0MM AND 2.7MM SCREWS

KM #	Qty.	Description
KM 45-208	1	SCREWHOLDING FORCEPS 3 ¹ / ₂ "
KM 46-206	1	PERIOSTEAL ELEVATOR, 3MM WIDTH
KM 46-623	1	WIRE CUTTER 7" ANGLED MAX CAP 1.6MM
KM 46-830	1	MINI HOHMANN RETR. 6 ¹ / ₂ " 6MM
KM 46-832	1	MINI HOHMANN RETR. 6 ¹ / ₂ " 8MM
KM 47-119	1	STAGBEETLE FORCEPS 120MM
KM 47-133	1	BONE REDUCTION FORCEPS W/POINTS, 5" NARROW
KM 47-135	1	BONE REDUCTION FORCEPS W/POINTS, 5 ¹ / ₂ " BROAD
KM 47-880	1	SHARP HOOK 6"
KM 47-902	1	HANDLE F. MINI QC INSTRUMENTS 4 ¹ / ₄ "
KM 47-904	1	QUICK COUPLING HANDLE 4 ¹ / ₂ "
KM 47-915	1	BENDING IRON 5 ¹ / ₂ " 2.7MM + 3.5MM
KM 47-916	1	BENDING IRON FOR SMALL PLATES 5 ¹ / ₂ "
KM 47-917	1	PLATE BENDING IRON 4 ³ / ₄ " 1.8MM
KM 47-920	1	COUNTERSINK MINI 1.1MM
KM 47-922	1	COUNTERSINK SMALL 2.0MM 7CM
KM 47-931	2	BENDING PLIERS FOR 1.5MM AND 2.0MM PLATES
KM 47-932	1	PLATE CUTTING FORCEPS
KM 47-934	1	MINI DEPTH GAUGE 30MM
KM 47-936	1	SCREW DEPTH GAUGE 50MM
KM 47-950B	1	MINI HEX SCREWDRIVER BIT
KM 47-953	1	SCREWDRIVER BIT 2.5MM; 10CM QC
KM 47-955	1	SLEEVE F. SCREWDRIVER 47-952 + 47-953
KM 47-959	1	SLEEVE ONLY FOR MINI HEX AND CRUC DRIVER SHAFTS
KM 47-966	1	2.0MM/1.5MM DOUBLE DRILL SLEEVE
KM 47-968	1	MINI DRILL SLEEVE 4 ¹ / ₄ "
KM 48-002	1	2.0MM/2.7MM DOUBLE DRILL SLEEVE
KM 48-051	2	DRILL BIT QC 1.1MM, 60/35MM
KM 48-052	2	DRILL BIT QC 1.5MM, 85/60MM
KM 48-054	2	DRILL BIT QC 2.0MM, 100/75MM
KM 48-058	2	DRILL BIT QC 2.7MM, 100/75MM
KM 48-106	2	TAP 1.5MM, 2"
KM 48-108	2	TAP 2.0MM, 2 ¹ / ₄ "
KM 48-110	2	TAP 2.7MM, 10CM QC
KM 48-242	1	NEEDLE NOSE PLIERS 5 ¹ / ₂ " DELI W/GR
KM 48-368	1	SCREWDRIVER 2.5MM HEX W/NOTCH

OPTIONAL

KM 45-004	1	MINI CRUCIFORM SCREWDRIVER BIT QC
KM 46-212	1	PERIOSTEAL ELEVATOR 7 ¹ / ₄ " 6MM CVD
KM 46-827	1	HOHMANN RETRACTOR 6" 15MM BROAD TIP
KM 47-137	1	BONE REDUCTION FORCEPS POINTED 5 ¹ / ₄ "
KM 47-138	1	PLATE HOLDING FORCEPS 5 ¹ / ₂ "
KM 47-139	1	BONE COMPRESSION FORCEPS 5"
KM 48-370	1	GRATLOCH™ K-WIRE BENDER 7 ¹ / ₂ "

INSTRUMENTS FOR SMALL FRAGMENT FIXATION
3.5MM AND 4.0MM SCREWS

KM #	Qty.	Description
KM 45-002	1	ADAPTOR (POWER) FOR QC INSTRUMENTS
KM 45-126	1	BENDING TEMPLATE 5 HOLE 3.5MM
KM 45-127	1	BENDING TEMPLATE 7 HOLE 3.5MM
KM 45-128	1	BENDING TEMPLATE 9 HOLE 3.5MM
KM 45-210	1	SCREWHOLDING FORCEPS 3½"
KM 46-212	1	PERIO. ELEVATOR 7¼" STR 6MM RD. CVD.
KM 46-827	2	HOHMANN RETR. 6" 15MM BROAD TIP
KM 46-832	2	MINI HOHMANN RETR. 6½" 8MM
KM 47-092	1	VERBRUGGE FORCEPS, SELF-CENT. 7½"
KM 47-128	1	BONE REDUCTION FORCEPS 6" SMALL CVD.
KM 47-133	1	BONE REDUCTION FORCEPS W/POINTS, 5" NARROW
KM 47-135	1	BONE REDUCTION FORCEPS W/POINTS, 5½" BROAD
KM 47-880	1	SHARP HOOK 6"
KM 47-915	1	PLATE BENDING IRON 5½" 2.7MM + 3.5MM
KM 47-916	1	BENDING IRON FOR SMALL PLATES 5½"
KM 47-919	2	BENDING IRON FOR 3.5MM & 4.5MM RECON PLATES
KM 47-922	1	COUNTERSINK SMALL 2.0MM 7CM
KM 47-936	1	SCREW DEPTH GAUGE 50MM
KM 47-947	1	BENDING TEMPLATE 22 HOLE FOR 3.5MM RECON PLATE
KM 47-960	1	T-HANDLE QUICK COUPLING
KM 47-970	1	DRILL GUIDE FOR 2MM DRILL DE; 10.5MM
KM 47-972	1	TAP SLEEVE 2.5MM DRILL & 3.5MM SCREW
KM 47-974	1	INSERT DRILL SLEEVE 3.5/2.7MM SCREW
KM 47-978	1	DRILL GUIDE NEUTRAL & LOAD 2.5/3.5MM
KM 48-004	1	3.5MM UNIVERSAL DRILL GUIDE
KM 48-057	2	DRILL BILL QC 2.5MM, 110/85MM GOLD
KM 48-063	2	DRILL BIT QC 3.5MM, 110/85MM
KM 48-112	2	TAP 3.5MM; 12CM QC, FINE THREAD GOLD
KM 48-114	2	TAP 3.5MM; 11CM QC, 1.75MM PITCH
KM 48-242	1	NEEDLE NOSE PLIERS 5½" DELI W/GR
KM 48-348	1	SCREWDRIVER SHAFT QC 2.5MM HEX W/NOTCH
KM 48-365	1	SLEEVE ONLY FOR KM 48-348/48-364/48-368
KM 48-368	1	SCREWDRIVER 2.5MM HEX W/NOTCH
KM 48-372	1	WIRE AND PIN BENDER 6" 3.2MM (⅜")

OPTIONAL

KM 45-129	1	BENDING TEMPLATE 12 HOLE 3.5MM
KM 46-624	1	WIRE CUTTER
KM 46-632	1	PIN CUTTER 10" SMALL
KM 46-830	1	MINI HOHMANN RETRACTOR 6½" 6MM
KM 47-090	1	VERBRUGGE FORCEPS SELF CENT. 6"
KM 47-137	1	BONE REDUCTION FORCEPS POINTED 5¼"
KM 47-904	1	QUICK COUPLING HANDLE 4½"
KM 47-925	1	BENDING PLIERS FOR SMALL PLATES
KM 47-953	1	SCREWDRIVER BIT 2.5MM; 10CM QC
KM 47-955	1	SLEEVE F. SCREWDRIVER 47-952 & 47-953
KM 48-370	1	GRATLOCH™ K-WIRE BENDER 7½"

LARGE FRAGMENT SET

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BASIC INSTRUMENT SET FOR SCREWS AND PLATES 4.5MM AND 6.5MM SCREWS

KM #	Qty.	Description
KM 45-120	1	BENDING TEMPLATE 7 HOLE 4.5MM
KM 45-122	1	BENDING TEMPLATE 9 HOLE 4.5MM
KM 45-124	1	BENDING TEMPLATE 12 HOLE 4.5MM
KM 45-210	1	SCREWHOLDING FORCEPS 3 ¹ / ₂ "
KM 47-094	1	VERBRUGGE FORCEPS 9 ¹ / ₂ "
KM 47-098	1	VERBRUGGE FORCEPS 11"
KM 47-107	2	BONE HOLDING FORCEPS 9 ¹ / ₂ "
KM 47-134	1	BONE REDUCTION FORCEPS 8"
KM 47-880	1	SHARP HOOK 6"
KM 47-911	1	TENSION DEVICE ART. 3 ¹ / ₂ ", SPAN 20MM
KM 47-912	1	SOCKET WRENCH 7 ¹ / ₂ ", 11MM CHROME
KM 47-913	1	COMBINATION WRENCH 6", 11MM, CHROME
KM 47-926	1	COUNTERSINK 7", 4.5MM TIP
KM 47-935	1	DEPTH GAUGE 120MM
KM 47-960	1	T-HANDLE QUICK COUPLING
KM 47-961	1	LARGE HEX PELVIC SCREWDRIVER SHAFT QC
KM 47-965	1	6.5MM/3.2MM DOUBLE DRILL SLEEVE
KM 47-967	1	4.5MM/3.2MM DOUBLE DRILL SLEEVE
KM 47-973	1	INSERT DRILL SLEEVE 4.5MM/3.2MM
KM 47-980	1	DRILL GUIDE NEUTRAL + LOAD 3.2/4.5MM
KM 47-983	1	SLEEVE F. SCREWDRIVER 47-954
KM 47-985	1	4.5MM UNIVERSAL DRILL GUIDE
KM 48-054	2	DRILL BIT QC 2.0MM, 100/75MM
KM 48-061	3	DRILL BIT QC 3.2MM, 145/120MM
KM 48-067	2	DRILL BIT QC 4.5MM, 145/120MM
KM 48-118	3	TAP 4.5MM 5" MEDIUM THREAD
KM 48-122	1	TAP 6.5MM 8" CALIBRATED IN CM
KM 48-349	1	SCREWDRIVER HEXAGONAL 10" 3.5MM W/NOTCH

OPTIONAL

KM 45-118	1	BENDING TEMPLATE 5 HOLE 4.5MM
KM 47-096	1	VERBRUGGE FORCEPS 10 ¹ / ₄ "
KM 47-105	1	BONE HOLDING FORCEPS 7"
KM 47-137	1	BONE REDUCTION FORCEPS 5 ¹ / ₄ "
KM 47-940	1	LARGE SCREW DEPTH GAUGE 100MM
KM 47-954	1	SCREWDRIVER HEXAGONAL 3.5MM 4 ¹ / ₂ " QC

PELVIC INSTRUMENT SET

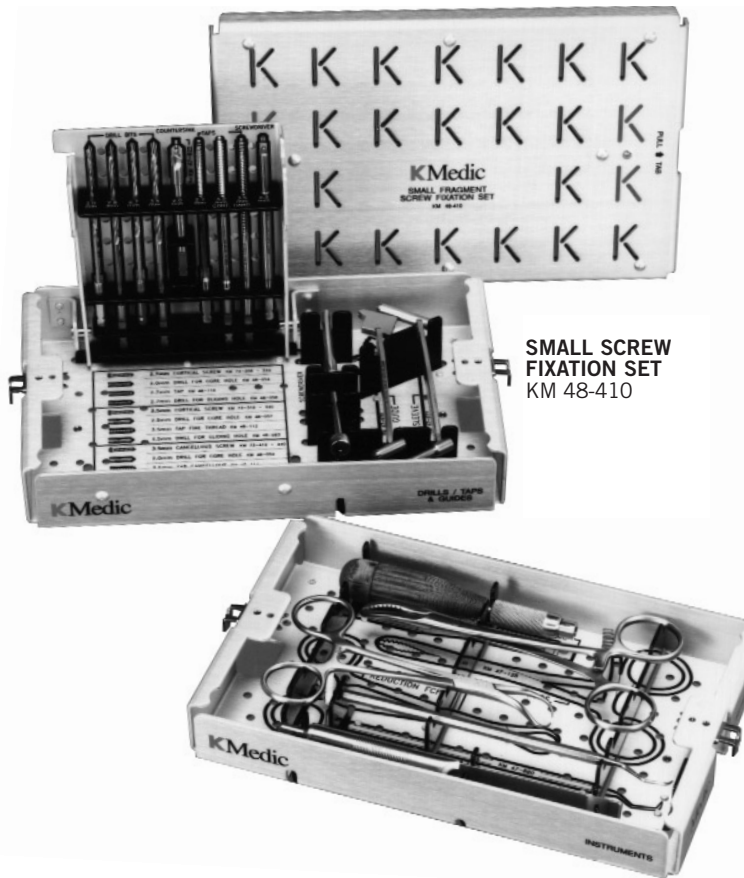
KM #	Qty.	Description
KM 45-210	1	SCREWHOLDING FORCEPS 3 1/2"
KM 45-310	1	ASYMETRIC PELVIC REDUCTION FORCEPS
KM 45-312	1	PELVIC REDUCTION FORCEPS 200MM W/POINTED BALL TIPS
KM 45-314	1	PELVIC REDUCTION FORCEPS 240MM W/POINTED BALL TIPS
KM 47-100	1	PELVIC REDUCTION FORCEPS USED W/SCREWS
KM 47-101	1	PELVIC REDUCTION FORCEPS 400MM 1X2 POINTED BALL TIPS
KM 47-102	1	PELVIC REDUCTION FORCEPS 250MM W/ANGLED POINTED BALL TIPS
KM 47-103	1	PELVIC REDUCTION FORCEPS 400MM W/POINTED BALL TIPS
KM 47-134	1	REDUCTION FORCEPS W/POINTS 205MM RATCHET
KM 47-190	1	FARABEUPELVIC FORCEPS 190MM
KM 47-192	1	FARABEUPELVIC MEDIUM PELVIC FORCEPS 250MM
KM 47-906	1	STRAIGHT BALL SPIKE
KM 47-919	2	BENDING IRON FOR 3.5MM & 4.5MM RECON. PLATES
KM 47-921	4	SPIKED DISK
KM 47-927	1	BENDING PLIERS F. RECONSTR. PLATES 10"
KM 47-935	1	DEPTH GAUGE 120MM
KM 47-946	1	BENDING TEMPLATE 22 F. 3.5MM CVD. RECON. PLATES
KM 47-947	1	BENDING TEMPLATE 22 F. 3.5MM RECON. PLATES
KM 47-948	1	BENDING TEMPLATE 16MM F. 4.5MM RECON. PLATES
KM 47-951	1	SMALL HEXAGONAL PELVIC SCREWDRIVER SHAFT QC
KM 47-960	1	T-HANDLE QUICK COUPLING
KM 47-961	1	LARGE HEXAGONAL PELVIC SCREWDRIVER SHAFT QC
KM 47-979	2	3.2MM CALIBRATED THREE-FLUTE DRILL 230/205MM QC
KM 47-981	2	4.5MM THREE-FLUTE DRILL 195/170MM QC
KM 47-983	1	SLEEVE F. SCREWDRIVER 47-954
KM 47-986	2	2.5MM CALIBRATED THREE-FLUTE DRILL 230/205MM QC
KM 48-050	2	3.5MM DRILL BIT 195MM/170MM QC
KM 48-068	2	DRILL BIT QC 4.5MM, 195/170MM XLNG
KM 48-102	2	TAP CALIBRATED FOR 4.5MM CORTEX SCREWS 180/155MM
KM 48-104	2	TAP CALIBRATED FOR 3.5MM CORTEX SCREWS 175/150MM
KM 48-201	1	BLUNT PELVIC RETRACTOR
KM 48-331	1	VOLKMAN BONE HOOK 10 1/4"
KM 48-332	1	BONE HOOK LARGE 7" SHARP
KM 48-353	1	LARGE HEX PELVIC SCREWDRIVER 12"
KM 48-364	1	SMALL HEX PELVIC SCREWDRIVER
KM 48-365	1	SLEEVE ONLY FOR KM 48-348/48-364/48-368
KM 48-374	1	UNIVERSAL CHUCK W/T-HANDLE

SMALL SCREW FIXATION SET

Small Screw Fixation Set for Office and Surgicenter

2.7MM, 3.5MM AND 4.0MM SCREWS

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SMALL SCREW
FIXATION SET
KM 48-410

SMALL FRAGMENT SCREW FIXATION SET WITH 2 TRAYS

KM 48-410

KM #	Qty.	Description
KM 47-137	1	BONE REDUCTION FORCEPS, POINTED 5 1/4"
KM 47-880	1	SHARP HOOK 6"
KM 47-128	1	BONE REDUCTION FORCEPS 6" curved jaw
KM 48-054	1	DRILL BIT 2.0mm, 100mm
KM 48-057	1	DRILL BIT 2.5mm, 110mm
KM 48-058	1	DRILL BIT 2.7mm, 100mm
KM 48-063	1	DRILL BIT 3.5mm, 110mm
KM 47-922	1	COUNTERSINK SMALL 2.0mm, 2 3/4"
KM 48-110	1	TAP 2.7mm, 4"
KM 48-112	1	TAP 3.5mm, 5" fine thread
KM 48-114	1	TAP 3.5mm, 4 1/2" 1.75mm thread
KM 47-904	1	QUICK COUPLING HANDLE 4 1/2" small
KM 47-970	1	DRILL GUIDE for 2.0mm drill, 4 1/4"
KM 47-972	1	TAP SLEEVE 2.5mm drill & 3.5mm screw, 5"
KM 47-974	1	INSERT DRILL SLEEVE 3.5 / 2.7mm, 1 1/2"
KM 47-953	1	SCREWDRIVER BIT 2.5mm, 4"
KM 47-955	1	SLEEVE FOR SCREWDRIVER KM 47-953, 2"
KM 47-936	1	DEPTH GAUGE 50mm
KM 48-412	1	INSTRUMENT TRAYS (two trays with cover)
		Tray 1: size 9" x 5" x 1 1/4"
		Tray 2: size 9" x 5" x 1 1/2"
		Trays are made of lightweight anodized aluminum.

- **COMPACT SIZE** Fits into all autoclaves. Autoclave individually or stacked.
- **MODULAR DESIGN** Trays stack and lock together. Can be stacked together with screw trays. No metal-to-metal contact of implants or instruments.
- **CLEAR GRAPHICS** Quick reference chart makes set-up use and reordering easy.
- **LIGHTWEIGHT AND PORTABLE** Easily transportable between operating sites. Precise placement of contents keeps each item securely in place.



STACKED
INSTRUMENT &
SCREW TRAYS

OPTIONAL ATTACHMENTS:

BASIC SCREW SET KM 73-001

Includes: 2 trays with cover.
1-KM 47-930 Screw Holding Forceps

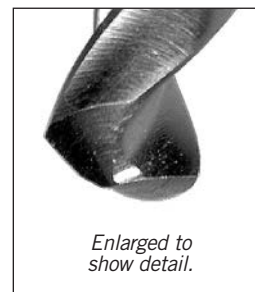
Trays accommodate 6 each of 1.5mm through 4.0mm screws.

Screws are not included with trays. They can be ordered separately. For our complete selection of screws refer to Section R.

Dimensions: Tray 1: 9" x 5" x 1 1/4"
Tray 2: 9" x 5" x 1 1/2"
All four combined: 9" X 5" X 7"

For the correct instrumentation, please refer to the chart on page S2 or to Section U. Please inquire about any style or size drill bit not shown here.

DRILL BITS
with quick coupling ends

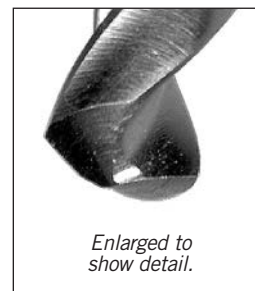


	diameter	overall length	working length	flute length
KM 48-051	1.1mm	60mm	35mm	20mm
KM 48-052	1.5mm	85mm	60mm	23mm
KM 48-054	2.0mm	100mm	75mm	50mm
KM 48-057	2.5mm	110mm	85mm	50mm
KM 48-058	2.7mm	100mm	75mm	50mm
KM 48-061	3.2mm	145mm	120mm	50mm
KM 48-060	3.2mm	195mm	170mm extra long	50mm
KM 48-063	3.5mm	110mm	85mm	50mm
KM 48-050	3.5mm	195mm	170mm extra long	50mm
KM 48-067	4.5mm	145mm	120mm	50mm
KM 48-068	4.5mm	195mm	170mm extra long	50mm
KM 48-069	6.0mm	195mm	170mm extra long	60mm

To drill gliding and threaded holes.

Designed to fit quick coupling handles
KM 47-902
KM 47-904
KM 47-960

DRILL BITS
with round drill chuck end



	diameter	overall length	flute length
KM 48-070	1.0mm	55mm	25mm
KM 48-071	1.5mm	70mm	30mm
KM 48-073	2.0mm	85mm	38mm
KM 48-076	2.5mm	95mm	43mm
KM 48-077	2.7mm	100mm	45mm
KM 48-080	3.2mm	106mm	48mm
KM 48-079	3.2mm	180mm	70mm
KM 48-081	3.5mm	112mm	52mm
KM 48-082	3.5mm	180mm	70mm extra long
KM 48-085	4.5mm	180mm	70mm extra long
KM 48-086	6.0mm	180mm	70mm extra long

Designed to fit any Jacobs chuck drill.

THREE-FLUTED DRILL BITS
with quick coupling ends



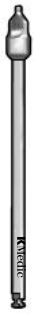
	diameter	overall length	working length	flute length
KM 47-986	2.5mm	230mm	205mm	30mm calibrated
KM 47-979	3.2mm	230mm	205mm	30mm calibrated
KM 47-981	4.5mm	195mm	170mm	55mm not calibrated



PLEASE NOTE: Custom lengths and diameters can be manufactured upon special order. Cannulated drill bits from 5mm to 12mm in diameter are also available by special order.

COUNTERSINKS

Countersinks: used to prepare correct seating for screw head.
For the correct instrumentation, please refer to the chart on page S2 or to Section U.



For mini screws
1.5/2.0mm.

MINI COUNTERSINK

KM 47-920
2 1/4"
1.1mm tip
quick coupling end



For small screws
2.7/3.5/4.0mm.

SMALL COUNTERSINK

KM 47-922
2 3/4"
2.0mm tip
quick coupling end



For malleolar
screws.

MALLEOLAR COUNTERSINK

KM 47-924
4 3/4"
3.2mm tip
quick coupling end



For large screws
4.5/6.5mm.

LARGE COUNTERSINK

KM 47-926
7"
4.5mm tip



Converts QC end to
round end with
three flat sides for
power drills.









ADAPTOR (POWER DRILL)

KM 45-002
2 1/2"

TAPS

with quick coupling ends

*Taps: used to prepare thread path for insertion of bone screws.
For the correct instrumentation, please refer to the chart on page S2 or to Section U.*





		For cortical screws thread pitch 1.0mm	For cortical screws thread pitch 1.25mm fine thread	For 3.5 and 4.0mm cancellous screws thread pitch 1.75mm coarse thread
For cortical screws thread pitch 0.5mm	For cortical screws thread pitch 0.6mm			
				
KM 48-106 2" 1.5mm diameter	KM 48-108 2 1/4" 2.0mm diameter	KM 48-110 4" 2.7mm diameter	KM 48-112 4 1/2" 3.5mm diameter	KM 48-114 4 1/2" 3.5mm diameter

TAPS

with quick coupling ends
for 4.5mm cortical and 4.5mm malleolar (shaft) screws

TAPS

with quick coupling ends
calibrated, with cm graduations

			
KM 48-116 5" 4.5mm diameter	KM 48-118 5" 4.5mm diameter long thread	KM 48-120 7 1/2" 4.5mm diameter extra long	For cortical screws KM 48-104 7" 3.5mm diameter
			For cortical screws KM 48-102 7" 4.5mm diameter
			For cancellous screws KM 48-122 8" 6.5mm diameter

DEPTH GAUGES AND QUICK COUPLING HANDLES

For holding quick coupling drills, countersinks, taps and screwdrivers.

To help select the correct size for your needs — refer to our cross-reference chart on pages S2 and S3.



MINI QUICK COUPLING HANDLE
KM 47-902
4 1/8"
for mini screw set



SMALL QUICK COUPLING HANDLE
KM 47-904
4 1/2"
for small and large screw sets

Phenolic handles are autoclavable to 290°F (143°C)



SMALL QUICK COUPLING T-HANDLE
KM 47-960
3 1/2"
for small and large screw sets

Used to determine screw length required during internal fracture fixation (mm graduated). Snaps apart for easy cleaning.
IMPORTANT NOTE: When not in use retract measuring end inside gauge.



MINI SCREW DEPTH GAUGE
KM 47-934
4 3/4"
up to 30mm



SMALL SCREW DEPTH GAUGE
KM 47-936
6 1/4"
up to 50mm



LARGE SCREW DEPTH GAUGE
KM 47-940
8 3/4"
up to 100mm



X-LARGE SCREW DEPTH GAUGE
KM 47-935
11"
up to 120mm

DOUBLE DRILL SLEEVES

Drill guides and sleeves: used with drills and taps to place accurate holes and protect surrounding tissue.



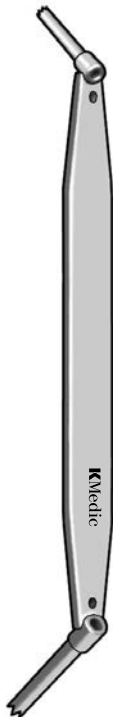
DOUBLE DRILL SLEEVE 1.5mm/1.1mm
KM 47-968
for 1.1mm and 1.5mm drill bits
and tap for 1.5mm cortical screws



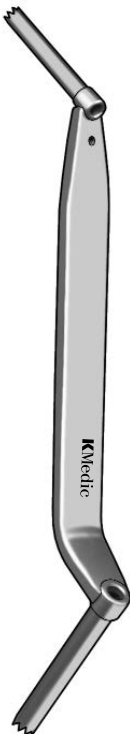
DOUBLE DRILL SLEEVE 2.0mm/1.5mm
KM 47-966
for 1.5mm and 2.0mm drill bits
and tap for 2.0mm cortical screws



DOUBLE DRILL SLEEVE 2.7mm/2.0mm
KM 48-002
for 2.0mm and 2.7mm drill bits
and tap for 2.7mm cortical screws



DOUBLE DRILL SLEEVE 3.5mm/2.5mm
KM 47-972
for 2.5mm and 3.5mm drill bits
and tap for 3.5mm cortical screws,
and tap for 4.0mm cancellous screws



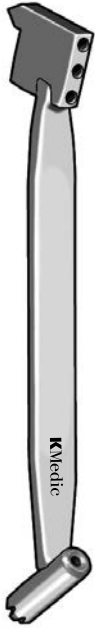
DOUBLE DRILL SLEEVE 4.5mm/3.2mm
KM 47-967
for 3.2mm and 4.5mm drill bits
and tap for 4.5mm cortical screws,
and tap for 4.5mm malleolar (shaft) screws



DOUBLE DRILL SLEEVE 6.5mm/3.2mm
KM 47-965
for 3.2mm drill bits and tap
for 6.5mm cancellous screws

DRILL GUIDES AND SLEEVES

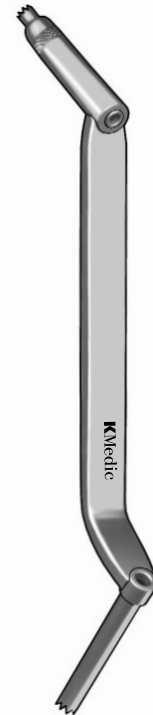
S
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PARALLEL DRILL GUIDE AND DRILL SLEEVE 2.0mm
KM 47-970
three holes and one hole for 2.0mm drill bits



UNIVERSAL DRILL GUIDE 3.5mm
KM 48-004
for 3.5mm cortical screws and 3.5mm malleolar (shaft) screws and 2.5mm drill bits. Can be used as neutral/load drill guide.

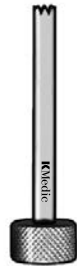


UNIVERSAL DRILL GUIDE 4.5mm
KM 47-985
for 4.5mm cortical screws and 4.5mm malleolar (shaft) screws and 3.2mm drill bits. Can be used as neutral/load drill guide.

Also can be used as 3.2mm drill bit guide.



TAP SLEEVE
KM 47-971
4½"
for 3.2mm drill bits



INSERT DRILL SLEEVE 3.5mm/2.7mm
KM 47-974
for 2.5mm drill bits and for long 3.5mm lag screws



INSERT DRILL SLEEVE 4.5mm/3.2mm
KM 47-973
for 3.2mm drill bits and for 4.5mm lag screws



4.5mm diameter

Also can be used as 4.5mm drill bit guide.

TAP SLEEVE

KM 47-969
5" with toothed tip and tissue protector sleeve for 4.5mm tap



Used with tap sleeve KM 47-969 or KM 47-967.

POINTED DRILL GUIDE

KM 47-975
6" for 4.5mm cortical screws



DRILL SLEEVE

KM 47-976
4½" with 40mm long tip for 3.2mm drill bits for round hole and semi-tubular plates



DRILL SLEEVE

KM 47-982
5" with 60mm long tip for 3.2mm drill bits for round hole plates

DRILL GUIDES

S
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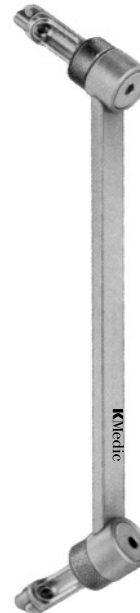
*Drill guide ends are color coded.
green=neutral
gold=load*



DRILL GUIDE 2.0mm neutral and load end
KM 47-977
4 $\frac{3}{4}$ "
for 2.0mm drill bit
for 2.7mm cortical screw



DRILL GUIDE 2.5mm neutral and load end
KM 47-978
5 $\frac{1}{2}$ "
for 2.5mm drill bit
for 3.5mm cortical screw



DRILL GUIDE 3.2mm neutral and load end
KM 47-980
6 $\frac{1}{2}$ "
for 3.2mm malleolar (shaft) drill bit
for 4.5mm cortical screw

Screwdrivers: used to place and remove bone screws.



**MINI HEXAGONAL
SCREWDRIVER**

KM 47-950
2 1/4", 1.5mm
quick coupling end
sleeve included

KM 47-959
screw holding
sleeve only



**MINI CRUCIFORM
SCREWDRIVER BIT**

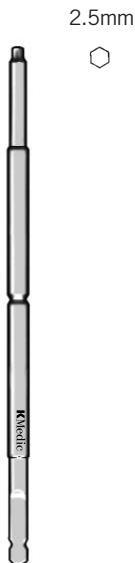
KM 45-004
2 1/2"
quick coupling end



**SMALL HEXAGONAL
SCREWDRIVER**

KM 47-953
4", 2.5mm
quick coupling end

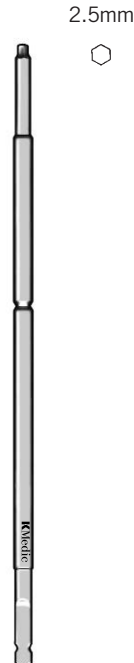
KM 47-955
screw holding
sleeve only
for KM 47-953



**HEXAGONAL
SCREWDRIVER SHAFT**

KM 48-348
5 1/2", 2.5mm
quick coupling end
with notch

KM 48-365
sleeve only



**HEXAGONAL
SCREWDRIVER SHAFT (PELVIC)**

KM 47-951
6 1/2", 2.5mm
quick coupling end
with notch

KM 48-365
sleeve only

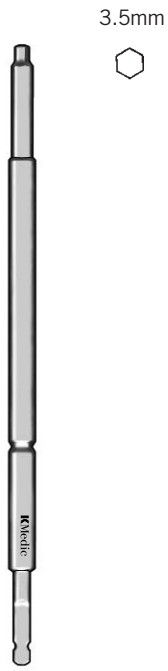


**LARGE HEXAGONAL
SCREWDRIVER**

KM 47-954
4 1/2", 3.5mm
quick coupling end

SCREWDRIVERS

S
18



**HEXAGONAL
SCREWDRIVER SHAFT (PELVIC)**
 KM 47-961 KM 47-983
 6 1/2", 3.5mm sleeve only
 quick coupling end
 with notch



*This is the sleeve for
 KM 47-951, KM 48-364,
 KM 48-368, KM 48-348.*

SCREWDRIVER SLEEVE
 KM 48-365
 3"



*This is the sleeve for
 KM 48-349, KM 48-353,
 and KM 47-961.*

SCREWDRIVER SLEEVE
 KM 47-983
 5"



*Phenolic handle
 is autoclavable to
 290° F (143° C).*

SINGLE SLOT SCREWDRIVER
 KM 48-355
 6 3/4"
 with phenolic handle



*Phenolic handle
autoclavable to
290° F (143° C).*

HEXAGONAL SCREWDRIVER
KM 47-952
7³/₄", 2.5mm
screwdriver with sleeve

KM 47-955
screw holding
sleeve only
for KM 47-952

KM 47-956
screwdriver only
for KM 47-952



*Phenolic handle
autoclavable to
290° F (143° C).*

CRUCIFORM SCREWDRIVER
KM 47-957
7¹/₂", 1.5/2.5mm
screwdriver with sleeve

KM 47-959
screw holding
sleeve only
for KM 47-957

KM 47-958
screwdriver only
for KM 47-957



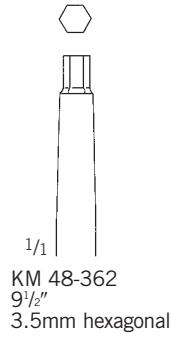
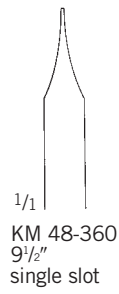
HEXAGONAL SCREWDRIVER
KM 48-368 KM 48-365
8", 2.5mm with notch sleeve only
screwdriver only



HEXAGONAL SCREWDRIVER (PELVIC)
KM 48-364 KM 48-365
10¹/₂", 2.5mm with notch sleeve only
screwdriver only

SCREWDRIVERS

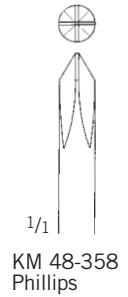
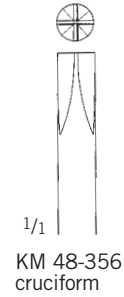
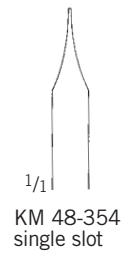
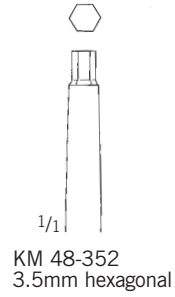
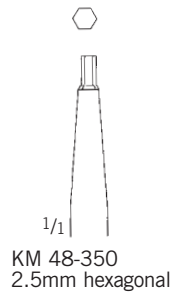
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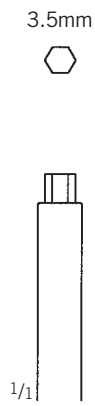
WILLIAMS SCREWDRIVER



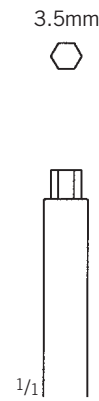
Phenolic handle is autoclavable to 290° F (143° C).



SCREWDRIVER 10" with phenolic handle



HEXAGONAL SCREWDRIVER
KM 48-349
10", 3.5mm with notch



HEXAGONAL SCREWDRIVER (PELVIC)
KM 48-353
12", 3.5mm with notch



SCREWDRIVER SET

KM 48-471
complete set with sterilization case
KM 48-472
sterilization case only
8½" x 4¼" x 2"



SCREWDRIVER HANDLE

KM 48-473
5½" with key
cannulation ¼" (6.3mm)
Allows K-Wire and pins
to be inserted with
Jacobs chuck KM 48-478.



KM 48-474
5½"
single slot



KM 48-475
5½"
cruciform



KM 48-476
5½"
Phillips



KM 48-477
5½"
small Phillips



JACOBS UNIVERSAL CHUCK

KM 48-478
3" with key
cannulation ¼" (6.3mm)
Allows K-Wire and pins to be
inserted with Jacobs chuck.



KM 48-479
5½"
3.5mm hexagonal



KM 48-480
5½"
2.5mm hexagonal

INSTRUMENTS



To check fracture and remove ingrown tissue.

SHARP HOOK
KM 47-880
6"



To hold all sizes of KMedic bone screws.

SELF RETAINING SCREW HOLDING FORCEPS
KM 47-930
3½"



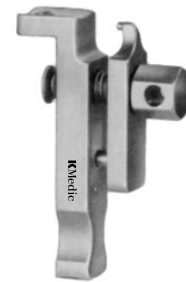
SELF RETAINING SCREW HOLDING FORCEPS
KM 45-208 for 1.5mm to 2.7mm screws
KM 45-210 for 3.5mm to 6.5mm screws



PLATE HOLDING CLIP
KM 47-962 2.0mm
KM 47-963 2.7mm
KM 47-964 3.5mm



DRILL SLEEVE FOR TENSION DEVICE
KM 47-909
2"
span: 8mm/16mm
for 3.2mm drill bit



TENSION DEVICE
KM 47-910
2½"
span: 8mm



For standard and small plates.

TENSION DEVICE ARTICULATED
KM 47-911
3½"
span: 20mm



SOCKET WRENCH
KM 47-912
7½", 11mm
chrome vanadium

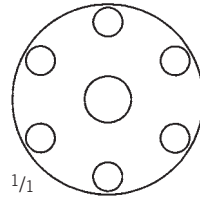
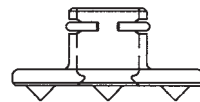


COMBINATION WRENCH
KM 47-913
6", 11mm
chrome vanadium

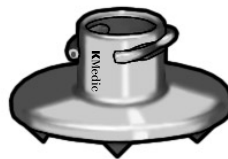


For tightening 8mm nuts.

WRENCH
KM 47-914
5"



1/1



SPIKED DISC
KM 47-921



1/1

BALL SPIKE straight
KM 47-906
12"

BENDING TEMPLATES

BENDING TEMPLATES

anodized aluminum
color coded



KM 47-944 2½" for small plates



KM 47-945 3½" for small plates



KM 47-941 3½" 5 holes



KM 47-942 4½" 7 holes

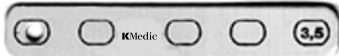


KM 47-943 6" 9 holes

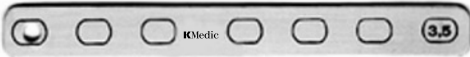
*To simulate required
plate bending.*

BENDING TEMPLATES

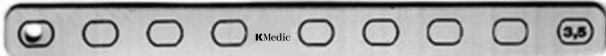
anodized aluminum



KM 45-126 2½" 5 holes 3.5mm



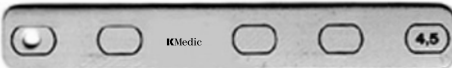
KM 45-127 3½" 7 holes 3.5mm



KM 45-128 4½" 9 holes 3.5mm



KM 45-129 6" 12 holes 3.5mm



KM 45-118 3¼" 5 holes 4.5mm



KM 45-120 4¾" 7 holes 4.5mm



KM 45-122 6" 9 holes 4.5mm



KM 45-124 8" 12 holes 4.5mm

BENDING TEMPLATES

anodized aluminum
reconstruction plates



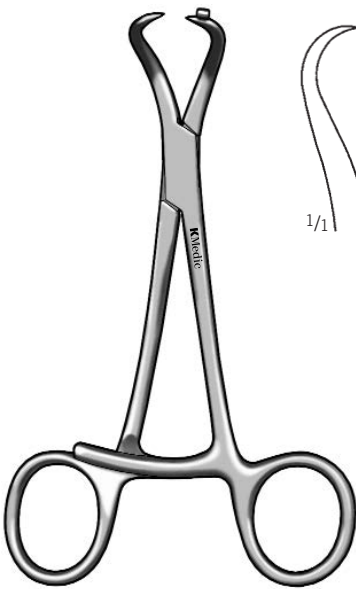
KM 47-946 8" length x 2½" height
22 holes 3.5mm



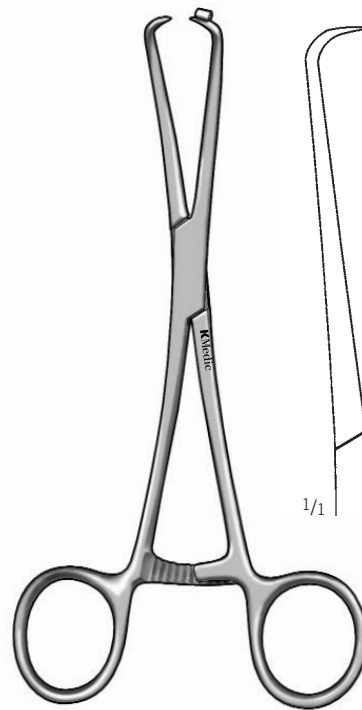
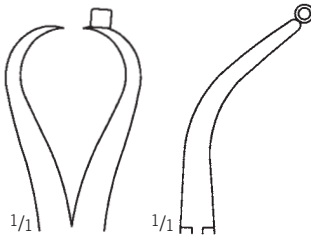
KM 47-947 10½" straight
22 holes 3.5mm



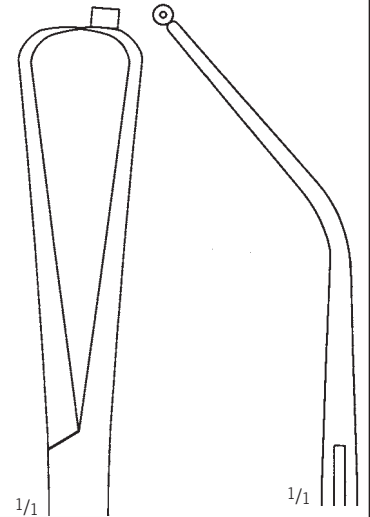
KM 47-948 10" straight
16 holes 4.5mm



BONE HOLDING FORCEPS
KM 45-304
5½" with 1.6mm drill guide



BONE HOLDING FORCEPS
KM 45-302
6¾" with 0.9mm drill guide






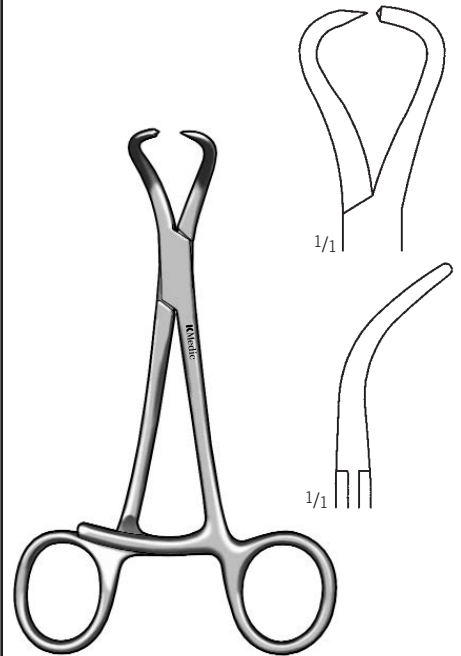
*For positioning
small bone plates.*

**PLATE AND BONE
HOLDING FORCEPS**
KM 47-138
4 3/4"



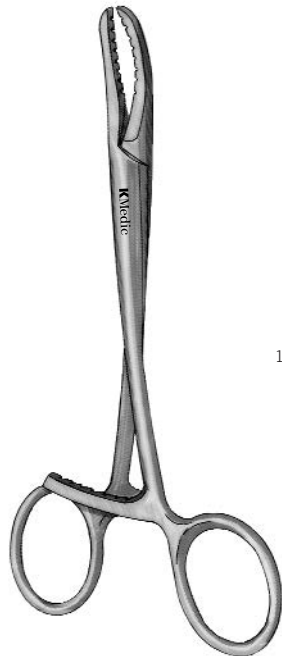
1/1 
*For positioning
mini bone plates.*

**PLATE AND BONE
HOLDING FORCEPS**
KM 47-139
4 3/4"
1 pointed tip

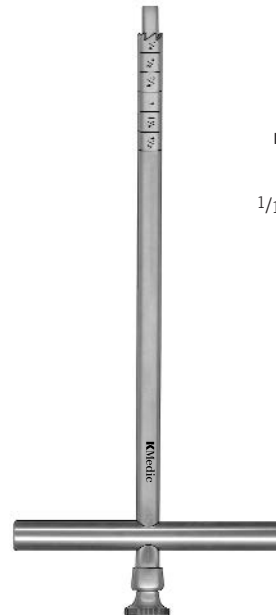
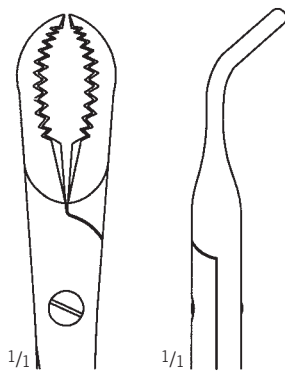


*One tip has a stepped point for
better hold on bone.*




BONE REDUCTION FORCEPS
KM 47-137
5 1/2" curved



BONE REDUCTION FORCEPS
KM 47-128
5 1/2" small
curved
ratchet length: 1 1/2"



i.d.= inside diameter
o.d.= outside diameter

-  3mm i.d./5mm o.d.
small
-  4mm i.d./5mm o.d.
medium
-  6mm i.d./8mm o.d.
large

*Designed for bone biopsy.
Also facilitates removal of
broken bone screws.*

MICHELE TREPHINE
KM 48-239 small
KM 48-240 medium
KM 48-241 large

Bending instruments: To avoid weakening of plates, do not bend or twist sharply. Never reverse bend or bend or twist at a plate hole.



MINI PLATE BENDING IRON
KM 47-917
4³/₄"
for mini and finger plates



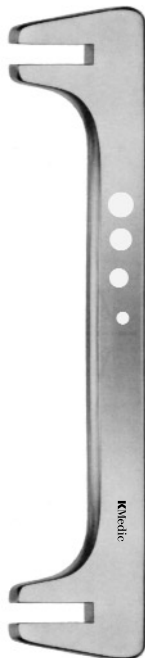
KM 47-916



KM 47-915

Used in pairs.

SMALL PLATE BENDING IRONS
5¹/₂"
for 2.7mm and 3.5mm plates



STANDARD PLATE BENDING IRON
KM 47-918
9¹/₂"
for standard plates with 4 holes

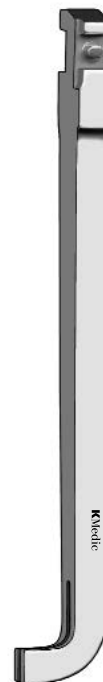


PLATE BENDING IRON
KM 47-919
for 3.5mm and 4.5mm plates

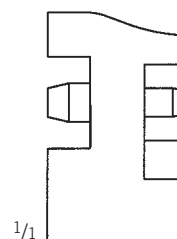
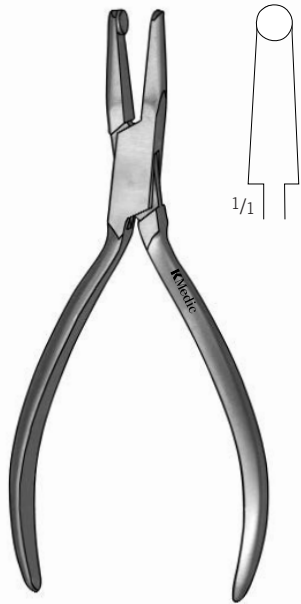
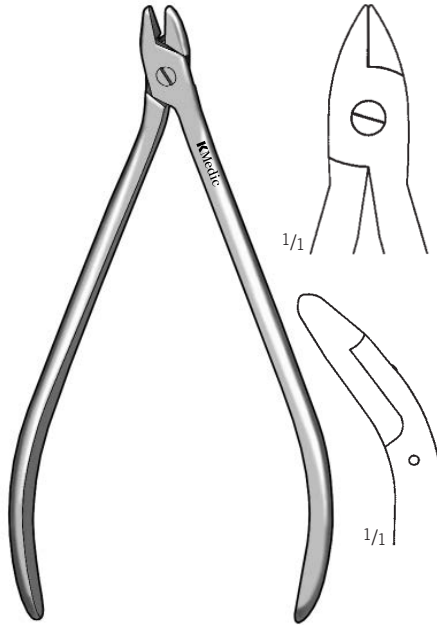


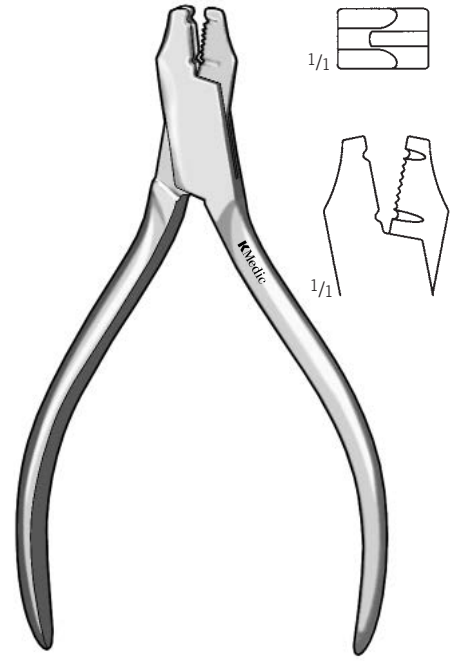
PLATE BENDING INSTRUMENTS



MINI PLATE BENDING PLIERS
KM 48-244
5"
for 1.5mm and 2.0mm plates



BENDING PLIERS
KM 47-931
5 1/2"
for 1.5mm and 2.0mm plates



BENDING PLIERS
KM 49-724
Bends mini plates and up to 1.1mm (.045") K-Wire to 90° angle



SMALL PLATE BENDING PLIERS
KM 47-925
8 3/4"
for 2.7mm and 3.5mm plates

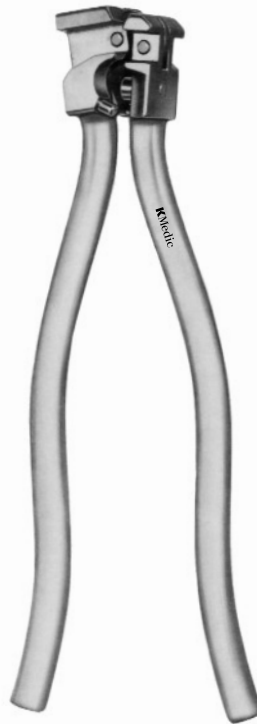


PLATE BENDING PLIERS
KM 47-927
10"
for reconstruction plates



PLATE BENDING PLIERS
KM 47-928
10"
includes two anvils for narrow and broad plates

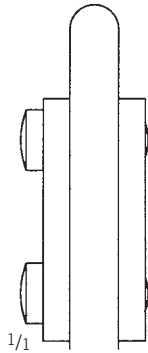
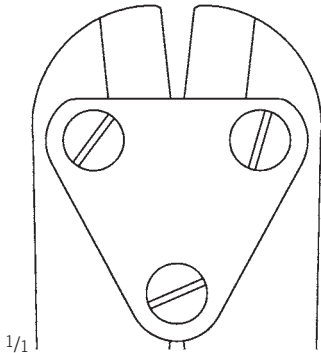
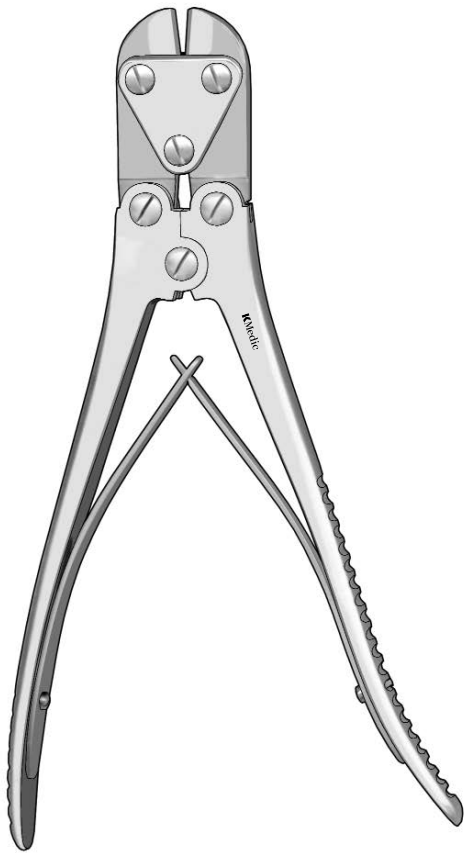


PLATE CUTTING FORCEPS
KM 47-932
9½"
for cutting stainless steel
mini plates up to 1mm

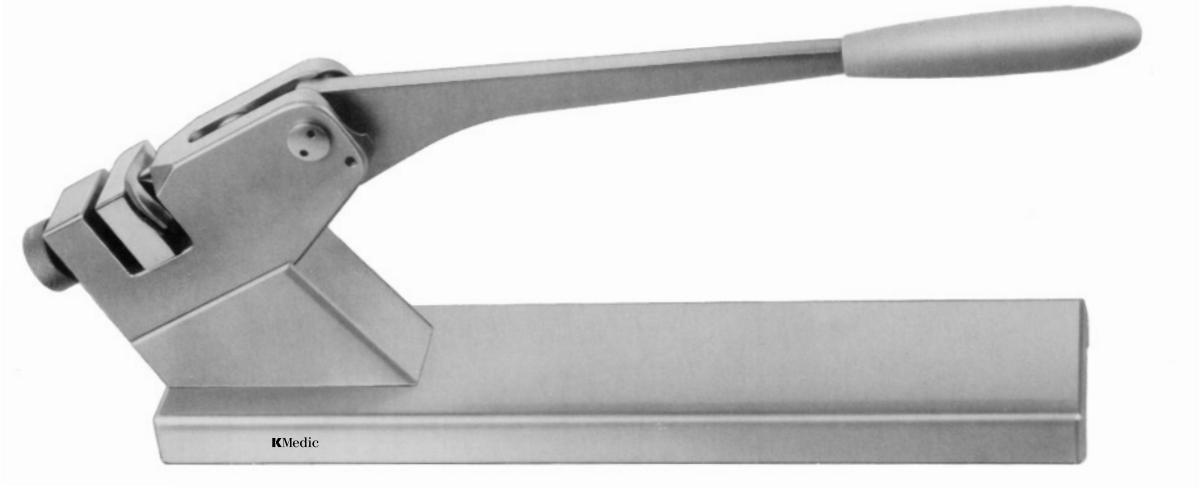
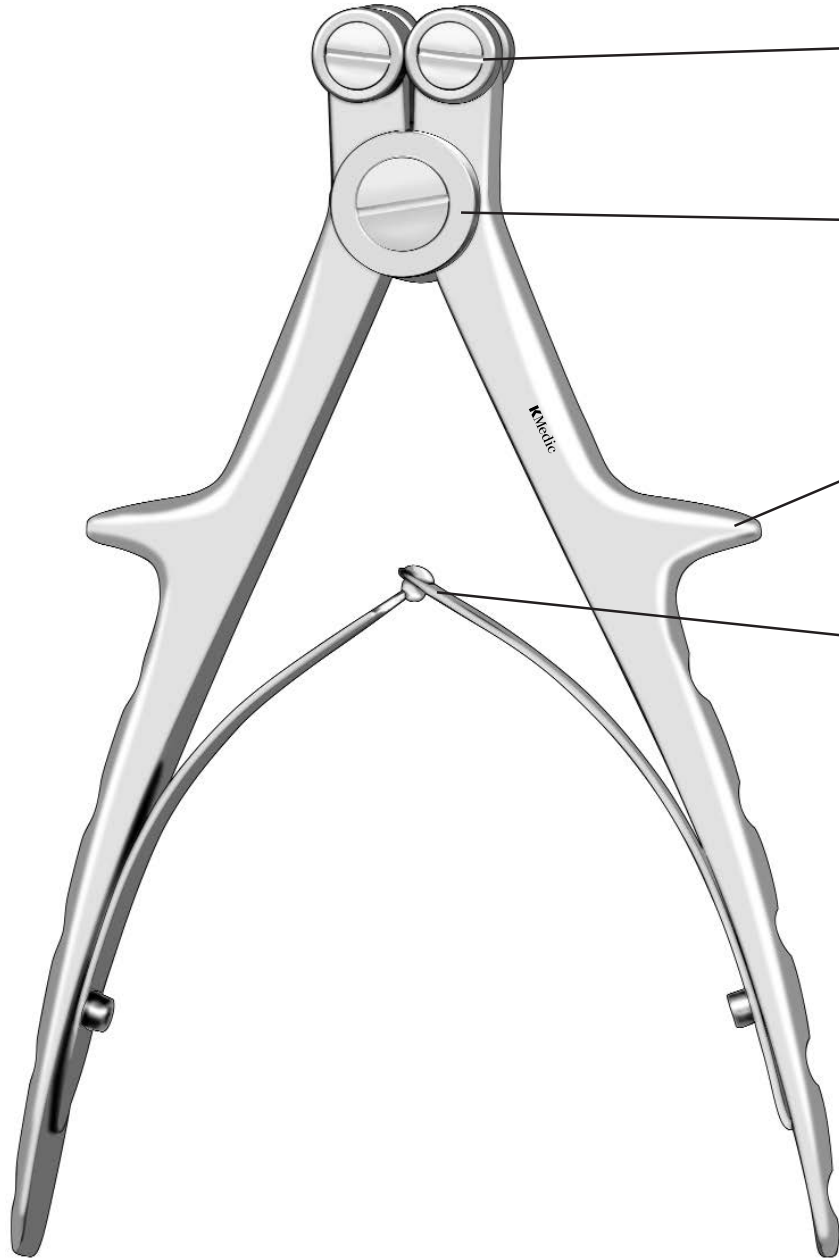
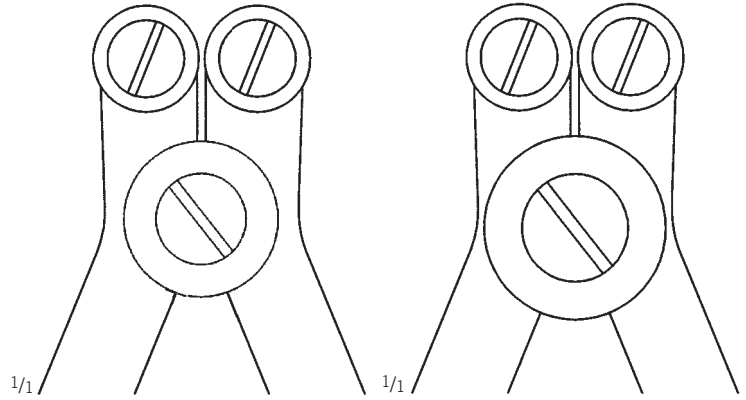


PLATE BENDING PRESS
KM 47-929
12"

One-Handed Rod Bender

Easily bends 3mm and 4mm rods.



Rollers and center knobs on each side are free turning.

Double sided center knob. One side for use with 3mm rods, the other side for 4mm rods.

Handle horns provide comfortable non-slip grip.

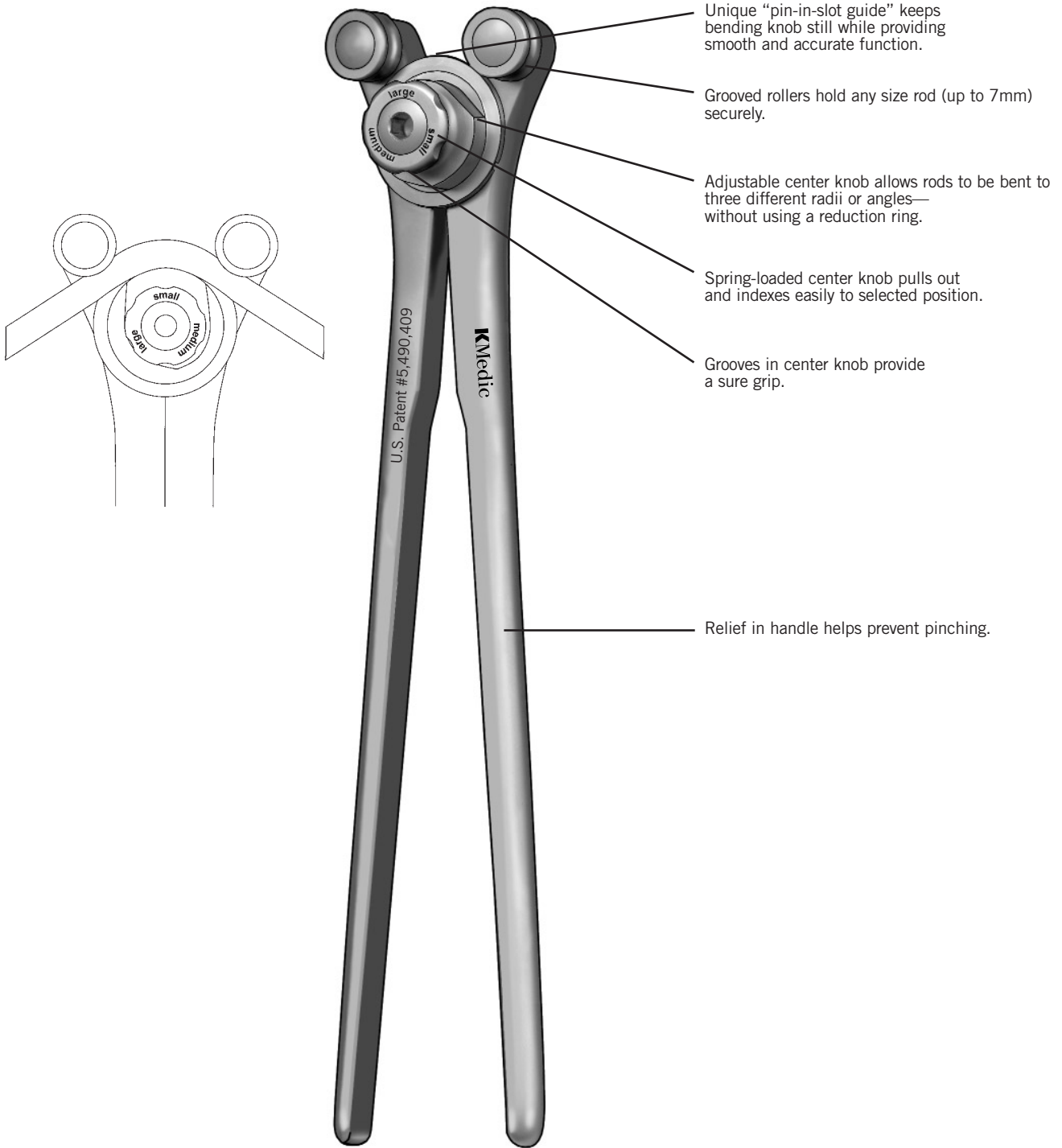
Precision ball bearing spring for smooth action.

ONE-HANDED ROD BENDER
KM 49-812
7½"
for 3mm and 4mm diameter rods

Universal Rod Bender

Bends any size rod (up to 7mm) to three different angles without using a separate reduction ring.

Manufactured exclusively by KMedic.



Unique "pin-in-slot guide" keeps bending knob still while providing smooth and accurate function.

Grooved rollers hold any size rod (up to 7mm) securely.

Adjustable center knob allows rods to be bent to three different radii or angles—without using a reduction ring.

Spring-loaded center knob pulls out and indexes easily to selected position.

Grooves in center knob provide a sure grip.

Relief in handle helps prevent pinching.

UNIVERSAL ROD BENDER
KM 46-664
11"
U.S. Patent #5,490,409

IMPORTANT: Before bending, make sure that rod is properly seated (ie: flat and even) on the center knob and between both roller grooves.

KMedic[®]

SECTION T

INSTRUMENT RACKS AND CONTAINERS



*To hold instruments for sterilization
and storage.*

CONTENTS

SmartRacks®	2
Sterilizing Containers	5

All instruments shown in this Sourcebook
are made of surgical grade stainless steel
unless otherwise specified.

SmartRacks®

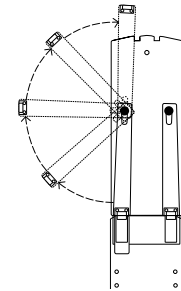
Exclusive KMedic design protects sharp edges better.

- Custom designed base keeps instruments upright during loading and unloading.
- Side arm stays locked to prevent instruments from falling out, even when turned upside down.
- Nylon coated cross brackets help avoid metal to metal contact.
- Fully autoclavable to 270°F

SmartRacks® are built to last!
Outside frame is made from corrosion-resistant anodized aluminum and double riveted.

Side gates stay open during loading and unloading. Notches in the top of each panel keep side gates up and out of the way.

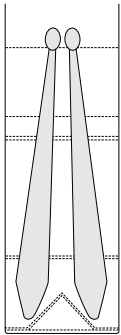
Delicate tips are protected. A plastic plate on underside of the top bracket prevents metal to metal contact—even when the racks are turned upside down.



Side gates stay locked. Nylon coated gates are secured in place with side latches—reduces accidental opening.

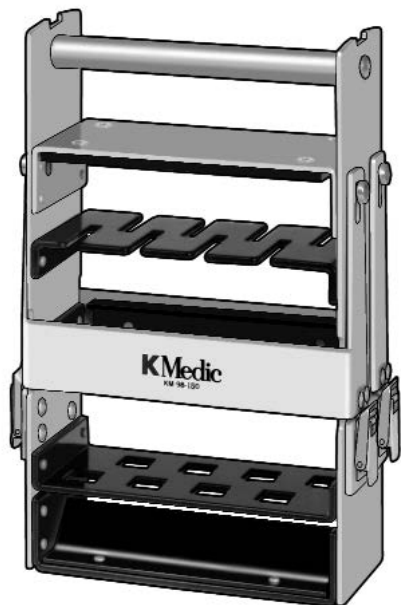
Deep nylon coated cross brackets hold instruments securely.

No metal to metal contact. Instrument slots are covered with nylon to help prevent scratching and maintain instrument quality.

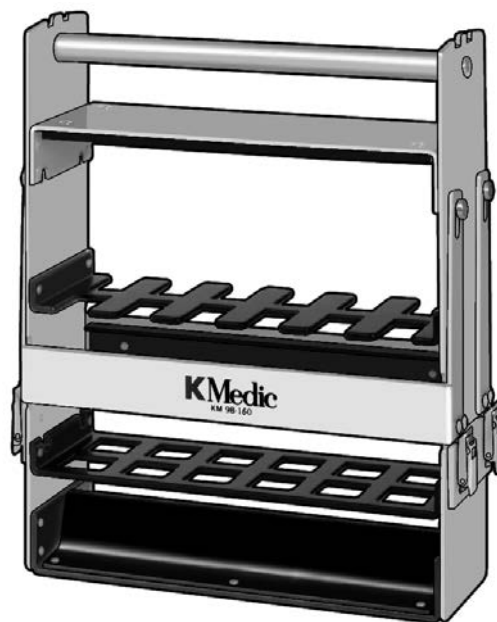


Easy to load and unload. Our unique "A" frame base forces instruments to lean into the rack—not out. Racks can go from the autoclave to the O.R. where instruments can be removed one at a time.

SmartRacks® save time. Product number and content charts are printed on top of racks. This makes instrument-to-rack identification quick and easy. See page T4 for detailed listing.



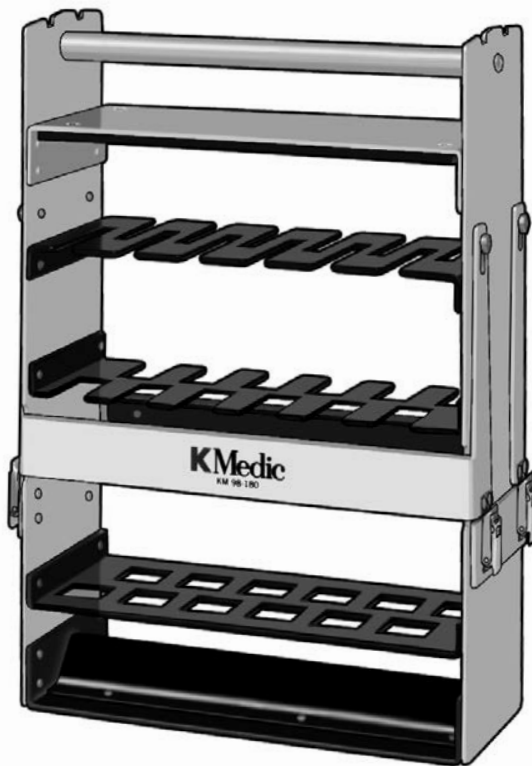
HOKE SMARTRACK®
 KM 98-150
 8¼" x 5" x 2¼"
 Holds eight 5¼" KMedic
 Hoke Chisels or Osteotomes



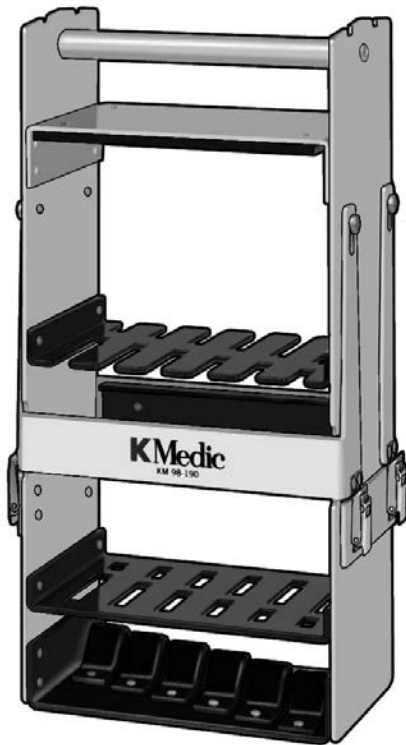
BRUN SMARTRACK®
 KM 98-160
 9¾" x 8½" x 2¾"
 Holds twelve 7" KMedic
 Brun Curettes



COBB SMARTRACK®
 KM 98-170
 13¾" x 14½" x 3"
 Holds nine 11" KMedic
 Cobb Curettes,
 Elevators or Gouges



HIBBS AND BRUN SMARTRACK®
 KM 98-180
 12" x 9" x 3¼"
 Holds twelve 9" KMedic Brun Curettes,
 Hibbs Chisels, Gouges or Osteotomes

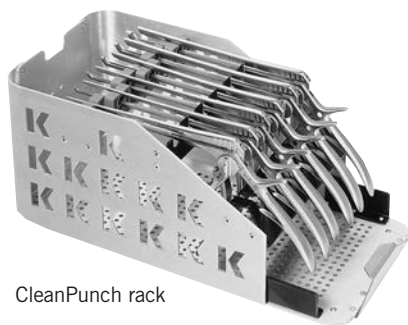


LAMBOTTE SMARTRACK®
KM 98-190
11³/₄" x 6¹/₄" x 3¹/₂"
Holds twelve 9" KMedic
Lambotte Osteotomes



SMITH PETERSON SMARTRACK®
KM 98-195
11" x 10" x 4"
Holds fourteen 8" KMedic Smith Peterson
Osteotomes or Gouges

DESCRIPTION	INSTRUMENTS HELD IN EACH RACK
<p>HOKE SMARTRACK® KM 98-150 8¹/₄" x 5" x 2¹/₄"</p>	<p>Eight 5¹/₄" KMedic Hoke Chisels or Osteotomes Hoke Chisels – KM 46-505 thru KM 46-509 Hoke Osteotomes – KM 46-497 thru KM 46-504</p>
<p>BRUN SMARTRACK® KM 98-160 9³/₄" x 8¹/₂" x 2³/₄"</p>	<p>Twelve 7" KMedic Brun Curettes KM 46-511 thru KM 46-531</p>
<p>COBB SMARTRACK® KM 98-170 13³/₄" x 14¹/₂" x 3"</p>	<p>Nine 11" KMedic Cobb Curettes, Elevators or Gouges Curettes – KM 46-422 thru KM 46-441 Elevators – KM 46-413 thru KM 46-420 Gouges – KM 49-030 thru KM 49-036</p>
<p>HIBBS AND BRUN SMARTRACK® KM 98-180 12" x 9" x 3¹/₄"</p>	<p>Twelve 9" KMedic Brun Curettes, Hibbs Chisels, Gouges or Osteotomes Brun Curettes – KM 46-551 thru KM 46-559, KM 46-563 thru KM 46-571, KM 49-110 thru KM 49-118, and KM 49-150 thru KM 49-158 Hibbs Chisels – KM 49-059 thru KM 49-082 Hibbs Gouges – KM 46-387 thru KM 46-412 Hibbs Osteotomes – KM 46-359 thru KM 46-384</p>
<p>LAMBOTTE SMARTRACK® KM 98-190 11³/₄" x 6¹/₄" x 3¹/₂"</p>	<p>Twelve 9" KMedic Lambotte Osteotomes KM 46-304 thru KM 46-322 KM 46-328 thru KM 46-333</p>
<p>SMITH PETERSON SMARTRACK® KM 98-195 11" x 10" x 4"</p>	<p>Fourteen 8" KMedic Smith Peterson Osteotomes or Gouges Smith Peterson Osteotomes – KM 46-448 thru KM 46-463 Smith Peterson Gouges – KM 46-466 thru KM 46-495</p>



CleanPunch rack



CleanPunch rack
in closed position

- Holds six CleanPunches in open position for maximum exposure during cleaning and sterilization.
- Lightweight anodized aluminum construction.
- Minimize footprint — compact design has removable lid that fits under rack.
- When open, instrument handles are exposed for quick identification and easy access in the O.R.
- Silicone-coated brackets prevent metal to metal contact.
- Protects sharp cutting edge during cleaning and sterilization process.
- Fits inside a standard container or can be wrapped separately.

CLEANPUNCH CLEANING SYSTEM

KM 59-200
13½" x 7" x 6"

The KMedic CleanPunch shown on pages K8-K11.



Sterilize, identify, move and store all your instruments together in these stainless steel containers. Steam and gas sterilization. Removable lid can double up as a tray. Engravable tags for easy identification. Check the size of your autoclave chamber before ordering.

Recommend to replace cloth inserts every six months.

STERILIZING CONTAINER

KM 46-544 small 9" x 5" x 2"
KM 46-545 medium 11" x 9" x 2"
KM 46-547 large 20" x 8" x 2" (not pictured)

REPLACEMENT CLOTH INSERTS

KM 46-544P small
KM 46-545P medium

SILICONE MAT

KM 98-125
fits tray KM 46-544

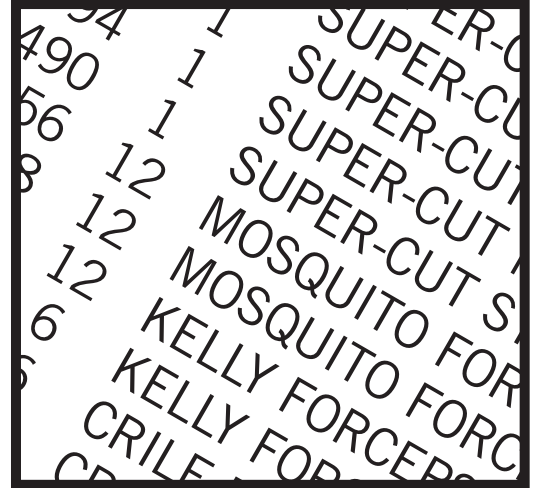
COVER TOWEL cotton

KM 46-546 28" x 28"

KMedic[®]

SECTION U

INSTRUMENT SETS



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All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

INSTRUMENT SETS

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MAJOR ORTHOPEDIC SET

KM #	Qty.	Description	KM #	Qty.	Description
KM 29-059	2	SCALPEL HANDLE #3	KM 46-453	1	SMITH-PETERSON OSTEOTOME str. 1"
KM 29-060	1	SCALPEL HANDLE #4	KM 46-458	1	SMITH-PETERSON OSTEOTOME cvd. 3/8"
KM 35-198	1	WIRE CUTTING SCISSORS 4 3/4"	KM 46-460	1	SMITH-PETERSON OSTEOTOME cvd. 1/2"
KM 35-212	1	SUPER-CUT LISTER BANDAGE SCISSORS 7 1/4"	KM 46-462	1	SMITH-PETERSON OSTEOTOME cvd. 1"
KM 35-220	1	SUPER-CUT OPERATING SCISSORS 5 1/2"	KM 46-466	1	SMITH-PETERSON GOUGE straight 1/4"
KM 35-292	1	SUPER-CUT MAYO SCISSORS 6 3/4" straight	KM 46-468	1	SMITH-PETERSON GOUGE straight 1/2"
KM 35-298	1	SUPER-CUT MAYO SCISSORS 6 3/4" curved	KM 46-477	1	SMITH-PETERSON GOUGE straight 3/4"
KM 35-394	1	SUPER-CUT METZENBAUM SCISS. 7" curved	KM 46-488	1	SMITH-PETERSON GOUGE curved 3/8"
KM 35-490	1	SUPER-CUT STEVENS SCISSORS 4 1/2" curved	KM 46-490	1	SMITH-PETERSON GOUGE curved 5/8"
KM 36-156	12	MOSQUITO FORCEPS 5" straight	KM 46-493	1	SMITH-PETERSON GOUGE curved 1"
KM 36-158	12	MOSQUITO FORCEPS 5" curved	KM 46-565	1	BRUN CURETTE 9" straight #0
KM 36-166	12	KELLY FORCEPS 5 1/2" straight	KM 46-566	1	BRUN CURETTE 9" straight #1
KM 36-168	6	KELLY FORCEPS 5 1/2" curved	KM 46-567	1	BRUN CURETTE 9" straight #2
KM 36-186	6	CRILE FORCEPS 6 1/4" straight	KM 46-568	1	BRUN CURETTE 9" straight #3
KM 36-188	6	CRILE FORCEPS 6 1/4" curved	KM 46-569	1	BRUN CURETTE 9" straight #4
KM 36-318	2	ROCHESTER-PEAN FORCEPS 6 1/4" curved	KM 46-667	1	ORTHOPEDIC MALLET 10 1/2", 32 oz.
KM 36-328	2	ROCHESTER-PEAN FORCEPS 7 1/4" curved	KM 47-526	1	RUSKIN RONGEUR 7 1/4"
KM 36-426	4	ROCHESTER-OCHSNER FORCEPS 7 1/4" straight	KM 47-538	1	RUSKIN-LISTON FORCEPS 7 1/2"
KM 36-746	2	ADSON HEMOSTATIC FORCEPS 7 1/4" curved	KM 48-343	1	BONE HOOK 9", 11mm x 22mm
KM 37-386	6	FOERSTER FORCEPS 9 1/2" straight	KM 48-344	1	BONE HOOK 9", 8mm x 30mm
KM 37-462	12	BACKHAUS TOWEL FORCEPS 5 1/4"	KM 51-060	2	HIBBS RETRACTOR 9 1/2"
KM 38-084	2	DRESSING FORCEPS 5 1/2"	KM 51-080	2	ISRAEL RETRACTOR 8"
KM 38-094	2	DRESSING FORCEPS 8"	KM 51-200	1	RICHARDSON RETRACTOR 9 1/2", 3/4"x1"
KM 38-272	2	TISSUE FORCEPS 5 1/2" 1x2 teeth	KM 51-202	1	RICHARDSON RETRACTOR 9 1/2", 1"x1 1/4"
KM 38-276	2	TISSUE FORCEPS 6" 1x2 teeth	KM 51-204	1	RICHARDSON RETRACTOR 9 1/2", 1 1/2"x1 1/2"
KM 38-280	2	TISSUE FORCEPS 8" 1x2 teeth	KM 51-206	1	RICHARDSON RETRACTOR 9 1/2", 3/4"x2"
KM 38-304	2	TISSUE FORCEPS 5 1/2" 3x4 teeth	KM 51-230	1	DEAVER RETRACTOR 1"x10"
KM 39-056	2	MICRO ADSON FORCEPS 4 3/4" 1x2 teeth	KM 51-232	1	DEAVER RETRACTOR 1"x12"
KM 39-092	2	ADSON BROWN FORCEPS 4 3/4" 9x9 teeth	KM 51-240	1	DEAVER RETRACTOR 2"x12"
KM 39-694	1	RULER 8"	KM 51-372	2	U.S. ARMY RETRACTOR 8"
KM 41-174	2	CRILE-WOOD NEEDLE HOLDER 6" carbide	KM 51-521	2	CUSHING VEIN RETRACTOR 9"
KM 41-175	2	CRILE-WOOD NEEDLE HOLDER 7" carbide	KM 52-090	2	SENN RETRACTOR 6 1/4", blunt
KM 41-314	2	MAYO-HEGAR NEEDLE HOLDER 8" carbide	KM 52-258	2	VOLKMAN RETRACTOR 8 1/2" 2 sharp prongs
KM 42-824	1	FRAZIER SUCTION TUBE 7 french	KM 52-264	2	VOLKMAN RETRACTOR 8 1/2" 4 sharp prongs
KM 42-825	1	FRAZIER SUCTION TUBE 8 french	KM 52-266	2	VOLKMAN RETRACTOR 8 1/2" 6 sharp prongs
KM 42-826	1	FRAZIER SUCTION TUBE 10 french	KM 52-274	2	VOLKMAN RETRACTOR 8 1/2" 4 blunt prongs
KM 43-124	2	ALLIS TISSUE FORCEPS 7 1/2" 5x6 teeth	KM 52-276	2	VOLKMAN RETRACTOR 8 1/2" 6 blunt prongs
KM 46-258	1	KEY ELEVATOR 7", 1/4" width	KM 52-502	2	WEITLANER RETRACTOR 6 1/2" sharp
KM 46-262	1	KEY ELEVATOR 7 1/2", 1/2" width	KM 52-768	2	GELPI RETRACTOR 7 1/2"
KM 46-448	1	SMITH-PETERSON OSTEOTOME str. 1/4"	KM 57-614	1	FREER ELEVATOR 7 1/2"
KM 46-450	1	SMITH-PETERSON OSTEOTOME str. 1/2"	KM 58-088	2	JOSEPH SKIN HOOK 6 1/4" 1 sharp prong
KM 46-452	1	SMITH-PETERSON OSTEOTOME str. 3/4"	KM 58-092	2	JOSEPH SKIN HOOK 6 1/4" 2 sharp prongs

MINOR ORTHOPEDIC SET

KM #	Qty.	Description	KM #	Qty.	Description
KM 29-058	2	SCALPEL HANDLE #3	KM 46-500	1	HOKE OSTEOOTOME 5 1/4" straight 5/16" width
KM 29-060	1	SCALPEL HANDLE #4	KM 46-501	1	HOKE OSTEOOTOME 5 1/4" curved 3/8" width
KM 35-198	1	WIRE CUTTING SCISSORS 4 3/4"	KM 46-502	1	HOKE OSTEOOTOME 5 1/4" straight 1/2" width
KM 35-210	1	SUPER-CUT LISTER BANDAGE SCISSORS 5 1/2"	KM 46-503	1	HOKE OSTEOOTOME 5 1/4" curved 3/8" width
KM 35-220	1	SUPER-CUT OPERATING SCISSORS 5 1/2"	KM 46-517	1	BRUN CURETTE 7" #0
KM 35-298	1	SUPER-CUT MAYO SCISSORS 6 3/4" curved	KM 46-519	1	BRUN CURETTE 7" #1
KM 35-394	1	SUPER-CUT METZENBAUM SCISS. 7" cvd.	KM 46-521	1	BRUN CURETTE 7" #2
KM 35-490	1	SUPER-CUT STEVENS SCISSORS 4 1/2" curved	KM 46-523	1	BRUN CURETTE 7" #3
KM 36-156	6	MOSQUITO FORCEPS 5" straight	KM 46-667	1	ORTHOPEDIC Mallet 11"
KM 36-158	6	MOSQUITO FORCEPS 5" curved	KM 47-526	1	RUSKIN RONGEUR 7 1/4" straight
KM 36-166	6	KELLY FORCEPS 5 1/2" straight	KM 51-200	1	RICHARDSON RETRACTOR 9 1/2", 3/4"x1"
KM 36-168	12	KELLY FORCEPS 5 1/2" curved	KM 51-202	1	RICHARDSON RETRACTOR 9 1/2", 1"x1 1/4"
KM 36-188	2	CRILE FORCEPS 6 1/4" curved	KM 51-204	1	RICHARDSON RETRACTOR 9 1/2", 1 1/2"x1 1/2"
KM 36-318	6	ROCHESTER-PEAN FORCEPS 6 1/4" curved	KM 51-206	1	RICHARDSON RETRACTOR 9 1/2", 3/4"x2"
KM 36-416	2	ROCHESTER-OCHSNER FORCEPS 6 1/4" straight	KM 51-230	2	DEAVER RETRACTOR 1"x10"
KM 36-426	2	ROCHESTER-OCHSNER FORCEPS 7 1/4" straight	KM 51-372	2	U.S. ARMY RETRACTOR 8" 1 pair
KM 37-386	6	FOERSTER FORCEPS 9 1/2" straight	KM 51-521	2	CUSHING VEIN RETRACTOR 9"
KM 37-458	6	BACKHAUS TOWEL FORCEPS 3 1/2"	KM 52-088	2	SENN RETRACTOR 6 1/4" sharp
KM 37-462	6	BACKHAUS TOWEL FORCEPS 5 1/4"	KM 52-116	1	MEYERDING FINGER RETRACTOR 7" #1
KM 38-084	2	DRESSING FORCEPS 5 1/2"	KM 52-118	1	MEYERDING FINGER RETRACTOR 7" #2
KM 38-094	2	DRESSING FORCEPS 8"	KM 52-122	1	MEYERDING FINGER RETRACTOR 7" #3
KM 38-272	2	TISSUE FORCEPS 5 1/2" 1x2 teeth	KM 52-124	1	MEYERDING FINGER RETRACTOR 7" #4
KM 38-276	2	TISSUE FORCEPS 6" 1x2 teeth	KM 52-128	1	MEYERDING FINGER RETRACTOR 7" #5
KM 38-280	2	TISSUE FORCEPS 8" 1x2 teeth	KM 52-130	1	MEYERDING FINGER RETRACTOR 7" #6
KM 39-064	2	ADSON FORCEPS 4 3/4" 1x2 teeth delicate	KM 52-258	1	VOLKMAN RETRACTOR 8 1/2" 2 sharp prongs
KM 39-092	2	ADSON BROWN FORCEPS 4 3/4" 9x9 teeth	KM 52-262	1	VOLKMAN RETRACTOR 8 1/2" 3 sharp prongs
KM 39-692	1	RULER 6"	KM 52-416	1	ALM RETRACTOR 4"
KM 41-174	2	CRILE-WOOD NEEDLE HOLDER 6" carbide	KM 52-498	2	WEITLANER RETRACTOR 5 1/2" sharp
KM 41-302	4	MAYO-HEGAR NEEDLE HOLDER 6" carbide	KM 52-776	1	GELPI RETRACTOR 3 1/2"
KM 42-824	1	FRAZIER SUCTION TUBE 7 french	KM 52-778	1	GELPI RETRACTOR 4 1/2"
KM 42-825	1	FRAZIER SUCTION TUBE 8 french	KM 57-614	1	FREER ELEVATOR 7 1/2"
KM 42-826	1	FRAZIER SUCTION TUBE 10 french	KM 58-088	2	JOSEPH SKIN HOOK 6 1/4" 1 sharp prong
KM 46-498	1	HOKE OSTEOOTOME 5 1/4" straight 3/16" width	KM 58-092	2	JOSEPH SKIN HOOK 6 1/4" 2 sharp prongs
KM 46-499	1	HOKE OSTEOOTOME 5 1/4" curved 1/4" width			

LARGE BONE SET

KM #	Qty.	Description	KM #	Qty.	Description
KM 39-694	1	RULER 8"	KM 47-098	1	VERBRUGGE BONE FORCEPS 11"
KM 46-212	1	PERIOSTEAL ELEVATOR 7 1/4" round edge	KM 47-105	1	BONE HOLDING FORCEPS 6 1/2"
KM 46-214	1	PERIOSTEAL ELEVATOR 7 1/4" oval edge	KM 47-107	1	BONE HOLDING FORCEPS 9"
KM 46-215	1	PERIOSTEAL ELEVATOR 7 1/4" straight edge	KM 47-366	1	STILLE-LISTON FORCEPS 10 1/2" straight
KM 46-838	2	HOHMANN RETRACTOR 9" 18mm width	KM 47-458	1	STILLE-LUER RONGEUR 8 1/2" straight
KM 46-848	2	HOHMANN RETRACTOR 11" 24mm width	KM 47-520	1	BEYER RONGEUR 7"
KM 46-850	2	HOHMANN RETRACTOR 9 1/2" 70mm width	KM 47-527	1	RUSKIN RONGEUR 7 1/4"
KM 46-858	2	HOHMANN RETRACTOR 8 1/2" 8mm width	KM 47-538	1	RUSKIN-LISTON FORCEPS 7 1/2"
KM 46-880	1	BENNETT RETRACTOR small	KM 48-204	2	BLOUNT RETRACTOR 10 1/4"
KM 46-884	1	BENNETT RETRACTOR large	KM 48-343	1	BONE HOOK 9" 11x22mm
KM 46-892	2	MURPHY-LANE BONE SKID	KM 48-344	1	BONE HOOK 9" 8x30mm
KM 47-094	1	VERBRUGGE BONE FORCEPS 9 1/2"	KM 49-630	set	OSTEOOTOME, CHISEL AND GOUGE SET
KM 47-096	1	VERBRUGGE BONE FORCEPS 10 1/4"			

INSTRUMENT SETS

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SMALL BONE SET

KM #	Qty.	Description	KM #	Qty.	Description
KM 39-692	1	RULER 6"	KM 47-090	1	VERBRUGGE BONE FORCEPS 6"
KM 46-206	1	PERIOSTEAL ELEVATOR 7¼" 3mm width	KM 47-092	1	VERBRUGGE BONE FORCEPS 7½"
KM 46-207	1	PERIOSTEAL ELEVATOR 7¼" 6mm width	KM 47-128	1	BONE REDUCTION FORCEPS 6"
KM 46-830	2	MINI HOHMANN RETRACTOR 6½" 6mm width	KM 47-410	1	LISTON BONE FORCEPS 5½"
KM 46-832	2	MINI HOHMANN RETRACTOR 6½" 8mm width	KM 47-527	1	RUSKIN RONGEUR 7¼"
KM 46-838	2	HOHMANN RETRACTOR 9" 18mm width	KM 47-534	1	RUSKIN RONGEUR 6"
KM 46-858	2	HOHMANN RETRACTOR 8½" 8mm width	KM 48-342	1	BONE HOOK 9"

FOREFOOT SET

KM #	Qty.	Description	KM #	Qty.	Description
KM 29-058	3	SCALPEL HANDLE #3	KM 46-631	1	FLUSH WIRE CUTTER 7" carbide
KM 33-324	1	OPERATING SCISSORS 5½" blunt/blunt	KM 46-660	1	LUCAE BONE Mallet 8"
KM 34-258	1	MAYO SCISSORS 5½" curved	KM 46-832	2	MINI HOHMANN RETRACTOR 6½" 8mm width
KM 34-462	1	METZENBAUM SCISSORS 6" curved	KM 47-266	1	BLUMENTHAL RONGEUR 6"
KM 35-198	1	WIRE CUTTING SCISSORS 4¾"	KM 47-520	1	BEYER RONGEUR 7"
KM 36-156	4	MOSQUITO FORCEPS 5" straight	KM 47-555	1	KLEINERT-KUTZ FORCEPS 6"
KM 36-158	8	MOSQUITO FORCEPS 5" curved	KM 48-252	1	PLUG CUTTER 4½"
KM 36-166	1	KELLY FORCEPS 5½" straight	KM 52-088	2	SENN RETRACTOR 6¼" 3 sharp prongs
KM 36-168	1	KELLY FORCEPS 5½" curved	KM 52-094	2	RAGNELL RETRACTOR 5½"
KM 36-176	1	CRILE FORCEPS 5½" straight	KM 52-417	1	SELF RETAINING RETRACTOR 4" sharp
KM 36-178	1	CRILE FORCEPS 5½" curved	KM 52-492	1	WEITLANER RETRACTOR 4" sharp
KM 36-406	1	KOCHER FORCEPS 5½" 1x2 teeth	KM 57-614	1	FREER ELEVATOR 7½"
KM 37-366	1	FOERSTER FORCEPS 7"	KM 58-068	1	JOSEPH RASP 6¼"
KM 37-462	4	BACKHAUS TOWEL FORCEPS 5¼"	KM 58-076	1	SAYRE ELEVATOR 6½"
KM 39-060	1	ADSON FORCEPS 4¾" serrated	KM 58-088	2	JOSEPH HOOK 6¼" 1 sharp prong
KM 39-063	1	ADSON FORCEPS 4¾" 1x2 teeth	KM 58-092	2	JOSEPH HOOK 6¼" 2 sharp prongs
KM 39-092	2	ADSON BROWN FORCEPS 4¾" 9x9 teeth	KM 58-240	2	MALTZ-SEEBURGER RETRACTOR 4½"
KM 39-682	1	BRUSH FOR INSTRUMENT CLEANING	KM 69-538	1	NAIL RASP #93
KM 39-698	1	RULER 12"	KM 69-544	1	BONE FILE #12A
KM 41-170	1	CRILE-WOOD NEEDLE HOLDER 6"	KM 69-547	1	BONE RASP 8½"
KM 41-278	1	MAYO HEGAR NEEDLE HOLDER 7"	KM 69-787	1	LOCKE PHALANGEAL FORCEPS 6"
KM 43-112	2	ALLIS TISSUE FORCEPS 6" 4x5 teeth	KM 69-940	1	BEVELED OSTEOTOME 7" straight 10mm width
KM 46-258	1	KEY ELEVATOR 7", ¼" width	KM 69-946	1	BEVELED OSTEOTOME 7" straight 20mm width
KM 46-262	1	KEY ELEVATOR 7½", ½" width	KM 69-950	1	BEVELED OSTEOTOME 7" straight 25mm width
KM 46-540	1	VICKERS EASIDRIVER 5½"	KM 69-970	1	BEVELED OSTEOTOME 7" curved 5mm width
KM 46-542	1	VICKERS K-WIRE DISPENSER	KM 69-975	1	BEVELED OSTEOTOME 7" curved 10mm width
KM 46-572	1	WIRE EXTRACTION PLIERS 7" carbide			

KNEE SET

KM #	Qty.	Description	KM #	Qty.	Description
KM 29-058	2	SCALPEL HANDLE #3	KM 46-262	1	KEY ELEVATOR 7½", ½" width
KM 29-060	1	SCALPEL HANDLE #4	KM 46-650	1	BONE FILE 9½"
KM 29-062	1	SCALPEL HANDLE #7	KM 46-741	1	LOWE-BRECK CARTILAGE KNIFE 10"
KM 35-210	1	SUPER-CUT LISTER BANDAGE SCISSORS 5½"	KM 46-762	1	SMILLIE KNIFE 6¼" straight
KM 35-292	2	SUPER-CUT MAYO SCISSORS 6¾" straight	KM 46-766	1	SMILLIE KNIFE 6¼" left
KM 35-298	1	SUPER-CUT MAYO SCISSORS 6¾" curved	KM 46-770	1	SMILLIE KNIFE 6¼" right
KM 35-394	1	SUPER-CUT METZENBAUM SCISS. 7" cvd.	KM 46-772	1	DOWNING CARTILAGE KNIFE 10"
KM 36-176	4	CRILE FORCEPS 5½" straight	KM 46-802	1	MARTIN CARTILAGE CLAMP 7¼"
KM 36-186	4	CRILE FORCEPS 6¼" straight	KM 46-818	1	WALTON CARTILAGE CLAMP 8"
KM 36-408	2	KOCHER FORCEPS 5½" curved	KM 46-828	1	MARTIN CARTILAGE SCISSORS 8"
KM 36-416	4	ROCHESTER-OCHSNER FORCEPS 6¼"	KM 48-198	1	SMILLIE KNEE RETRACTOR 5½"
KM 37-462	6	BACKHAUS TOWEL FORCEPS 5¼"	KM 48-206	2	BLOUNT KNEE RETRACTOR 7"
KM 38-272	2	TISSUE FORCEPS 5½" 1x2 teeth	KM 49-312	1	ADSON PERIOSTEAL ELEVATOR 6¾" curved
KM 38-304	2	TISSUE FORCEPS 5½" 3x4 teeth	KM 51-372	1	U.S. ARMY RETRACTOR 8" 1 pair
KM 39-056	2	MICRO ADSON FORCEPS 4¾" 1x2 teeth	KM 52-088	2	SENN RETRACTOR 6¼"
KM 41-175	2	CRILE-WOOD NEEDLE HOLDER 7" carbide	KM 52-258	2	VOLKMAN RETRACTOR 8½" 2 sharp prongs
KM 42-825	1	FRAZIER SUCTION TUBE 8 french	KM 52-264	2	VOLKMAN RETRACTOR 8½" 4 sharp prongs
KM 43-110	4	ALLIS TISSUE FORCEPS 6" 3x4 teeth	KM 52-498	2	WEITLANER RETRACTOR 5½"
KM 46-258	1	KEY ELEVATOR 7", ¼" width	KM 57-614	1	FREER ELEVATOR 7½"

BASIC TOTAL HIP SET

KM #	Qty.	Description	KM #	Qty.	Description
KM 29-060	2	SCALPEL HANDLE #4	KM 43-124	2	ALLIS TISSUE FORCEPS 7½" 5x6 teeth
KM 29-062	1	SCALPEL HANDLE #7	KM 46-359	1	HIBBS OSTEOTOME 9" straight, ¼" width
KM 35-292	2	SUPER-CUT MAYO SCISSORS 6¾" straight	KM 46-360	1	HIBBS OSTEOTOME 9" straight, ⅜" width
KM 35-298	1	SUPER-CUT MAYO SCISSORS 6¾" curved	KM 46-361	1	HIBBS OSTEOTOME 9" straight, ½" width
KM 35-322	1	SUPER-CUT MAYO SCISSORS 9" curved	KM 46-652	1	PUTTI BONE RASP 12"
KM 35-394	1	SUPER-CUT METZENBAUM SCISS. 7" cvd.	KM 46-666	1	MALLET 10¾"
KM 35-406	1	SUPER-CUT METZENBAUM SCISS. 8" cvd.	KM 46-836	1	HOHMANN RETRACTOR 9" 10mm
KM 36-156	6	MOSQUITO FORCEPS 5" straight	KM 46-848	1	HOHMANN RETRACTOR 11" 22mm
KM 36-188	6	CRILE FORCEPS 6¾" curved	KM 46-850	1	HOHMANN RETRACTOR 9½" 70mm
KM 36-338	2	ROCHESTER-PEAN FORCEPS 8" curved	KM 47-460	1	STILLE-LUER RONGEUR 8½" curved
KM 36-436	2	ROCHESTER-OCHSNER FORCEPS 8" straight	KM 47-472	1	STILLE-LUER RONGEUR 9"
KM 36-746	4	ADSON HEMOSTATIC FORCEPS 7¼" curved	KM 47-520	1	BEYER RONGEUR 7"
KM 37-386	2	FOERSTER FORCEPS 9½" straight	KM 48-343	1	BONE HOOK 9" medium
KM 37-458	6	BACKHAUS TOWEL FORCEPS 3½"	KM 48-344	1	BONE HOOK 9" large
KM 37-462	2	BACKHAUS TOWEL FORCEPS 5½"	KM 51-060	2	HIBBS RETRACTOR medium
KM 38-272	2	TISSUE FORCEPS 5½" 1x2 teeth	KM 51-212	1	RICHARDSON-EASTMAN RETRACTOR 9½"
KM 38-304	2	TISSUE FORCEPS 5½" 3x4 teeth	KM 52-264	2	VOLKMAN RETRACTOR 8½" 4 sharp prongs
KM 39-056	2	MICRO ADSON FORCEPS 4¾" 1x2 teeth	KM 52-266	2	VOLKMAN RETRACTOR 8½" 6 sharp prongs
KM 39-196	2	RUSSIAN FORCEPS 8"	KM 52-502	2	WEITLANER RETRACTOR 6½" sharp
KM 39-694	1	RULER 8"	KM 52-780	1	GELPI RETRACTOR 5½"
KM 41-175	2	CRILE-WOOD NEEDLE HOLDER 7" carbide	KM 58-228	3	YANKAUER SUCTION TUBE 11½"
KM 41-314	2	MAYO-HEGAR NEEDLE HOLDER 8" carbide			

AMPUTATION SET

KM #	Qty.	Description	KM #	Qty.	Description
KM 29-060	2	SCALPEL HANDLE #4	KM 46-640	1	SATTERLEE SAW 9"
KM 42-834	1	BARON SUCTION TUBE 5 french	KM 46-654	1	PUTTI BONE RASP 10½"
KM 46-266	1	KEY PERIOSTEAL ELEVATOR 8¾" 1" width	KM 47-374	1	STILLE-HORSELY FORCEPS 10½" bayonet
KM 46-365	1	HIBBS OSTEOTOME 9" straight 1" width	KM 47-402	1	LISTON BONE CUTTING FORCEPS 7½"
KM 46-598	1	LISTON AMPUTATION KNIFE 6¾"	KM 47-458	1	STILLE-LUER RONGEUR 8½" straight
KM 46-610	1	GIGLI SAW HANDLES 1 pair	KM 48-334	1	BONE HOOK 8"
KM 46-613	3	GIGLI SAW BLADE 12"	KM 52-266	2	VOLKMAN RETRACTOR 8½" 6 sharp prongs
KM 46-614	3	GIGLI SAW BLADE 20"	KM 58-228	1	YANKAUER SUCTION TUBE 11½"

SHOULDER SET

KM #	Qty.	Description	KM #	Qty.	Description
KM 46-848	1	HOHMANN RETRACTOR 11" 22mm width	KM 46-916	1	PENETRATING AWL 9¼" curved
KM 46-892	1	MURPHY BONE SKID 12"	KM 46-917	1	SUTURE PASSER 9¼" curved, crochet hook
KM 46-902	1	DARRACH ELEVATOR 10¼" ½" width small	KM 46-918	1	SUTURE PASSER 9¼" curved with hole
KM 46-903	1	DARRACH ELEVATOR 10¼" ¾" width medium	KM 46-919	1	PENETRATING GOUGE 8½" 3mm width
KM 46-904	1	DARRACH ELEVATOR 13¾" 1" width large	KM 48-226	1	LAMINA SPREADER 10½" flat blades
KM 46-906	1	FUKUDA STYLE SHOULDER RETRACTOR 7" 38mm width	KM 48-333	1	VOLKMAN BONE HOOK 9" blunt tip
KM 46-907	1	FUKUDA STYLE SHOULDER RETRACTOR 7" 32mm width	KM 49-460	1	CONE RING CURETTE 9" angled #3, 3mm
KM 46-908	1	CAPSULE RETRACTOR 10" 3 sharp prongs	KM 51-202	1	RICHARDSON RETRACTOR 9½" 1"x1¼"
KM 46-911	1	GLENOID PERFORATING FORCEPS 6½" slight angle	KM 51-204	1	RICHARDSON RETRACTOR 9½" 1½"x1½"
KM 46-912	1	GLENOID PERFORATING FORCEPS 6½" strong angle	KM 51-206	1	RICHARDSON RETRACTOR 9½" ¾"x2"
KM 46-913	1	PERCUSSION AWL 8½" curved small	KM 52-474	1	ADSON RETRACTOR 12½" 4x5 blunt
KM 46-914	1	PERCUSSION AWL 8½" curved medium	KM 52-770	1	GELPI RETRACTOR 7½" blunt tips
KM 46-915	1	PERCUSSION AWL 8½" curved large			

INSTRUMENT SETS

MINIMALLY INVASIVE DISCECTOMY SET

KM #	Qty.	Description
KM 55-510	1	SCOVILLE CURETTE 20" 9x15mm, straight
KM 55-523	1	BRUN CURETTE 17" 3x6mm, straight
KM 55-532	1	BRUN CURETTE 17" 2x4mm, 40 degree angle
KM 55-533	1	BRUN CURETTE 17" 3x6mm, 40 degree angle
KM 55-543	1	BRUN CURETTE 20" 3x6mm, 40 degree angle
KM 55-556	1	BRUN CURETTE 20" 6x9mm, 30 degree angle
KM 55-566	1	CONE RING CURETTE 20" 6mm diameter, 30 degree angle
KM 55-573	1	CONE RING CURETTE 17" 3mm diameter, 40 degree angle
KM 55-586	1	EPSTEIN CURETTE 20" 6x9mm, 30 degree reverse angle
KM 55-593	1	EPSTEIN CURETTE 17" 3x6mm, 40 degree reverse angle
KM 55-610	1	COBB ELEVATOR 20" 6mm (1/4")
KM 55-612	1	COBB ELEVATOR 20" 10mm (3/8")
KM 55-614	1	COBB ELEVATOR 20" 13mm (.490")
KM 55-620	1	COBB ELEVATOR 17" 6mm (1/4")
KM 55-630	1	HIBBS GOUGE 18 1/2" 7mm (.28"), straight
KM 55-640	1	RIB ELEVATOR 17" 9mm radius tip, 45 degree angle
KM 55-642	1	HIBBS OSTEOTOME 18 1/2" 10mm (3/8") straight
KM 55-644	1	RIB ELEVATOR 17" 9mm radius tip, 90 degree angle
KM 55-654	1	PENFIELD ELEVATOR 15" 4mm (.16")
KM 55-662	1	NERVE PROBE 15" with ball tip, 45 degree angle
KM 55-664	1	NERVE PROBE 15" with ball tip, 90 degree angle
KM 55-676	1	BONE TAMP 17" 3/8" diameter
KM 55-762	1	FERRIS-SMITH RONGEUR 20" 2.5x10mm bite, straight
KM 55-763	1	FERRIS-SMITH RONGEUR 20" 4x10mm bite, straight
KM 55-767	1	FERRIS-SMITH RONGEUR 20" 4x10mm bite, angle up
KM 55-777	1	FERRIS-SMITH RONGEUR 20" 8x12mm bite, straight, serrated
KM 55-782	1	KERRISON PUNCH 20" 4mm bite, 90 degree down
KM 55-788	1	KERRISON PUNCH 20" 2.5mm bite, 40 degree forward
KM 55-790	1	KERRISON PUNCH 20" 4mm bite, 40 degree forward

OTHER SETS AVAILABLE:**MINI BONE WIRE SET**

KM 48-400

See page Q2 for the list of instruments included in this set.

SMALL BONE WIRE SET

KM 48-402

See page Q3 for the list of instruments included in this set.

LARGE BONE WIRE SET

KM 48-404

See page Q4 for the list of instruments included in this set.

MICRO SURGERY SET FOR HAND AND FOOT

KM 69-915 MAJOR SET

KM-69-917 MINI SET

See page A15 for the list of instruments included in these sets.

MINI FRAGMENT FIXATION SET

See page S4 for the list of instruments included in this set.

SMALL FRAGMENT FIXATION SET

See page S5 for the list of instruments included in this set.

BASIC INSTRUMENT SET FOR SCREWS AND PLATES (4.5 AND 6.5mm)

See page S6 for the list of instruments included in this set.

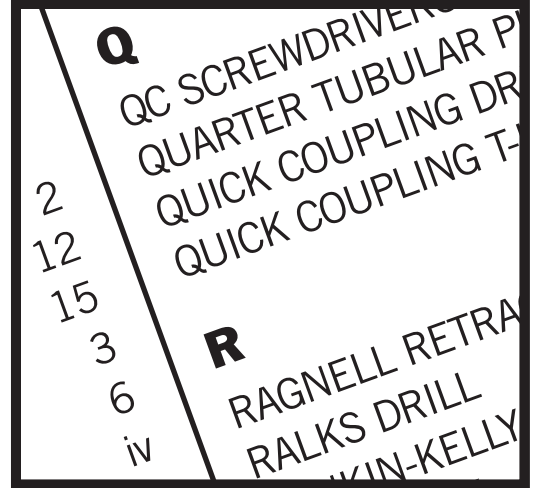
PELVIC INSTRUMENT SET

See page S7 for the list of instruments included in this set.

KMedic[®]

SECTION V

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All instruments shown in this Sourcebook are made of surgical grade stainless steel unless otherwise specified.

ALPHABETICAL INDEX

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KM 52-705L/S	B	26	KM 55-664	C	3	KM 59-152	K	10	KM 69-982	B	4
KM 52-706L/S	B	26	KM 55-676	H	7	KM 59-154	K	10	KM 69-990	B	22
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KM 52-765	B	23	KM 55-763	K	15	KM 59-156	K	10	KM 71-002	Q	5
KM 52-768	B	23	KM 55-767	K	15	KM 59-157	K	10	KM 71-003	Q	5
KM 52-769	B	23	KM 55-777	K	15	KM 59-159	K	10	KM 71-004	Q	5
KM 52-770	B	23	KM 55-782	K	15	KM 59-160	K	10	KM 71-006	Q	5
KM 52-771	B	23	KM 55-788	K	15	KM 59-162	K	10	KM 71-012	Q	5
KM 52-776	B	23	KM 55-790	K	15	KM 59-163	K	10	KM 71-013	Q	5
KM 52-778	B	23	KM 57-612	C	2	KM 59-200	T	5	KM 71-014	Q	5
KM 52-780	B	23	KM 57-614	C	2	KM 59-211	K	10	KM 71-016	Q	5
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Ruler MM and Inches

Conversions:

Inches to MM

Multiply the inch dimension by 25.4 to obtain the size in millimeters.

MM to Inches

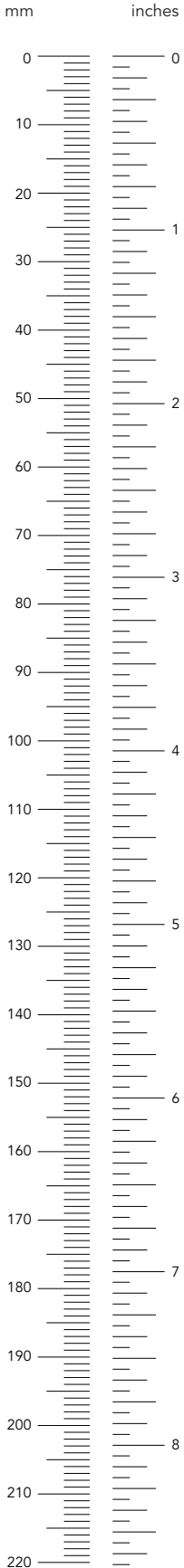
Multiply the millimeter dimension by .0394 or divide by 25.4 to obtain the size in inches.

Fahrenheit to Centigrade or Celsius Degrees

Subtract 32 from Fahrenheit temperature. Multiply result by 5. Divide result by 9.

Celsius or Centigrade to Fahrenheit

Multiply Centigrade temperature by 9. Divide result by 5. Add to 32.



What to look for in a KMedic Certified Instrument.

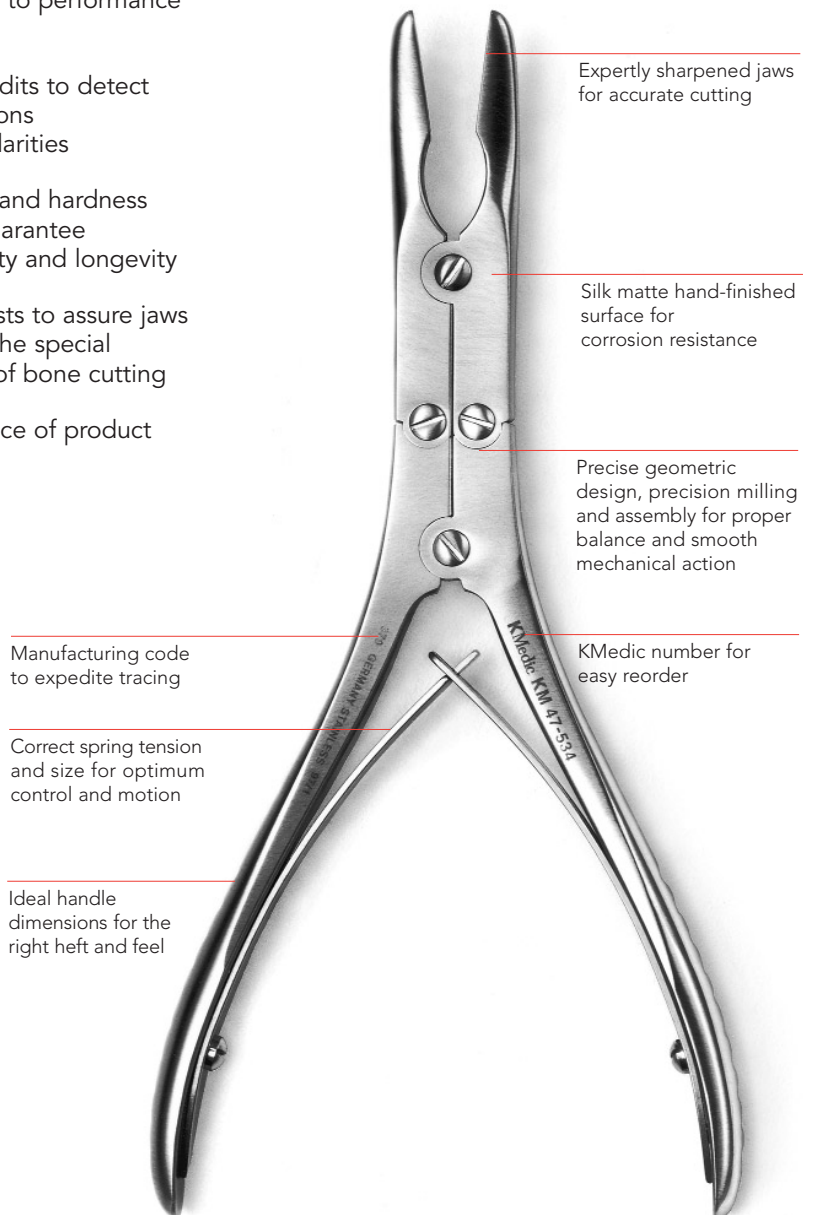
On the surface it's difficult to tell one instrument from another. But in fact, many qualities distinguish KMedic Certified Instruments from those of other manufacturers. Our instruments are the product of a working knowledge of the surgeon's art, exacting manufacturing specifications and strict adherence to our Quality Assurance Program. From its origins as an idea, to the crafting of the prototype, to its appearance on a surgical tray, it takes approximately 80 steps to create a KMedic Certified Instrument. Every finished instrument is the result of years of performance monitoring and continual improvements. Which is why we guarantee every KMedic Certified Instrument for life.

At every stage of the manufacturing process superior quality is built into our instruments. Nevertheless before our instruments find themselves in a surgeon's

hand, they are subject to an inspection process that includes:

- Visual inspection against a master sample to assure pattern consistency
- Exacting caliper and micrometer measurements of critical dimensions
- Function tests to ensure adherence to performance standards
- Surface audits to detect imperfections and irregularities
- Corrosion and hardness tests to guarantee functionality and longevity
- Cutting tests to assure jaws will meet the special demands of bone cutting
- Maintenance of product history

The Ruskin Rongeur, shown here, is typical of KMedic craftsmanship. From its perfect symmetry to its glare-diminishing finish, it provides surgeons with the qualities they require to perform at their best. A closer inspection reveals:



KMedic®

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**Orthopedic
Surgical
Instruments**

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March 31, 2000

PRODUCT ANNOUNCEMENT

As of March 31, 2000 we no longer offer Bone Screws and Plates in our product line.

Please note, the Bone Screws and Plates section — Section R in the KMedic Orthopedic Sourcebook™ — has been omitted.

Blair Engelken
Vice President
Sales and Marketing