

ALLGEMEINCHIRURGIE  
**GENERAL SURGERY**  
CIRUGÍA GENERAL  
CHIRURGIA GENERALE



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Ausgabe Nr. 8  
Datum: 06/2022

| Charrière (Ch)<br>French (F) | Durchmesser<br>in mm | Inches |
|------------------------------|----------------------|--------|
| 1                            | 0,33                 | 0,013  |
| 2                            | 0,67                 | 0,025  |
| 3                            | 1,00                 | 0,039  |
| 4                            | 1,33                 | 0,051  |
| 5                            | 1,67                 | 0,065  |
| 6                            | 2,00                 | 0,0787 |
| 7                            | 2,33                 | 0,092  |
| 8                            | 2,67                 | 0,105  |
| 9                            | 3,00                 | 0,1181 |
| 10                           | 3,33                 | 0,131  |
| 11                           | 3,67                 | 0,144  |
| 12                           | 4,00                 | 0,1575 |
| 13                           | 4,33                 | 0,170  |
| 14                           | 4,67                 | 0,184  |
| 15                           | 5,00                 | 0,1968 |
| 16                           | 5,33                 | 0,210  |
| 17                           | 5,67                 | 0,223  |
| 18                           | 6,00                 | 0,2362 |
| 19                           | 6,33                 | 0,249  |
| 20                           | 6,67                 | 0,263  |
| 21                           | 7,00                 | 0,2756 |
| 22                           | 7,33                 | 0,288  |
| 23                           | 7,67                 | 0,302  |
| 24                           | 8,00                 | 0,3150 |
| 25                           | 8,33                 | 0,328  |
| 26                           | 8,67                 | 0,341  |
| 27                           | 9,00                 | 0,3543 |
| 28                           | 9,33                 | 0,367  |
| 29                           | 9,67                 | 0,380  |
| 30                           | 10,00                | 0,3973 |
| 31                           | 10,33                | 0,407  |
| 32                           | 10,67                | 0,420  |
| 34                           | 11,33                | 0,446  |
| 36                           | 12,00                | 0,4724 |
| 38                           | 12,67                | 0,494  |
| 40                           | 13,33                | 0,5199 |
| 45                           | 15,00                | 0,5905 |

| Gauge (G) | Durchmesser<br>in mm | Inches |
|-----------|----------------------|--------|
| 35        | 0,13                 | 0,005  |
| 34        | 0,18                 | 0,007  |
| 33        | 0,20                 | 0,008  |
| 32        | 0,23                 | 0,009  |
| 31        | 0,25                 | 0,010  |
| 30        | 0,30                 | 0,012  |
| 29        | 0,33                 | 0,013  |
| 28        | 0,36                 | 0,014  |
| 27        | 0,41                 | 0,016  |
| 26        | 0,46                 | 0,018  |
| 25        | 0,51                 | 0,020  |
|           | 0,53                 | 0,021  |
| 24        | 0,56                 | 0,022  |
| 23        | 0,64                 | 0,025  |
| 22        | 0,71                 | 0,028  |
| 21        | 0,81                 | 0,032  |
| 20        | 0,89                 | 0,035  |
|           | 0,97                 | 0,038  |
| 19        | 1,07                 | 0,042  |
| 18        | 1,27                 | 0,050  |
| 17        | 1,50                 | 0,059  |
| 16        | 1,65                 | 0,065  |
| 15        | 1,83                 | 0,072  |
| 14        | 2,11                 | 0,083  |
| 13        | 2,41                 | 0,095  |
| 12        | 2,77                 | 0,109  |
| 11        | 3,05                 | 0,120  |
| 10        | 3,40                 | 0,134  |
| 9         | 3,76                 | 0,148  |
| 8         | 4,19                 | 0,165  |
| 7         | 4,57                 | 0,180  |
| 6         | 5,16                 | 0,203  |

|       |          |
|-------|----------|
| 1 OZ  | 0,028 ml |
| 5 OZ  | 0,140 ml |
| 16 OZ | 0,450 ml |

|        |       |
|--------|-------|
| 35 OZ  | 1,0 l |
| 128 OZ | 3,7 l |

## GARANTIE / WARRANTY / GARANTIA / GARANZIA

### GARANTIE

Wir gewähren auf alle **Reda**-Instrumente 5 Jahre Garantie. Voraussetzung ist der sach- und fachgerechte Einsatz der Instrumente. Von der Garantie sind Verschleißerscheinungen ausgeschlossen.

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### WARRANTY

Our **Reda** products are free from manufacturing defects in material and workmanship. We therefore give on all instruments a guarantee of five years provided that the instruments are maintained and cleaned properly and used normally for their intended purpose.

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### GARANTIA

Estamos convencidos de nuestra calidad y concedemos a todos los instrumentos de **Reda** 5 años de garantía contra cualquier defecto de fabricación, siempre y cuando se usen adecuadamente. De la garantía excluimos la manifestación de desgaste.

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### GARANZIA

Siamo convinti della nostra qualità e concediamo cinque anni di garanzia sulla funzione dei tutti gli strumenti **Reda** sotto la presupposizione che l'utilizzo è da esperto. Escluso della garanzia sono tracce di consumo.



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Die Firma REDA Instrumente GmbH wurde im September 1990 gegründet. Ziel der Firmengründung war die Herstellung und der Vertrieb von chirurgischen Instrumenten.

Von anfangs 3 Mitarbeitern ist die Firma REDA innerhalb von sechs Geschäftsjahren zu einem mittelständischen Unternehmen gewachsen. Die Betriebsgröße beträgt heute mehr als 30 Mitarbeiter. Firma REDA exportiert in fast alle Länder der Welt und stellt dem Kunden weltweit Produkte und Dienstleistungen mit hoher Qualität zur Verfügung. Die Erwartungen der Kunden sollen stets erfüllt werden.

Um dieses zu erreichen, sind zufriedene und motivierte Mitarbeiter notwendig. Aus diesem Grund besitzen alle Mitarbeiter einen hohen Grad an Selbständigkeit und Eigenverantwortung für das Unternehmen. Darüber hinaus wird der familiäre Charakter seitens der Geschäftsführung unterstrichen und gefördert.

Der partnerschaftliche Stil setzt sich auch im hohen Maße bei den Geschäftsbeziehungen mit unseren Lieferanten und Kunden durch. Ziel ist es, Fehler zu vermeiden und kostenbewußt zu handeln.

Durch den Aufbau und den Unterhalt eines Qualitätsmanagementsystems nach den GMP regulation of the FDA, der DIN ISO 13485, Richtlinie 93/42 (MDR 2017/745) und die Zertifizierung des Systems wollen wir die erreichte Marktposition und Wettbewerbsfähigkeit halten und in der Zukunft weiter ausbauen.

In Zusammenarbeit mit Ärzten entwickeln, fertigen und vertreiben wir in den Bereichen:

- Allgemein- und Viszeralchirurgie
- Gefäß-, Mikro- und Neurochirurgie
- Herz- und Thoraxchirurgie
- Gynäkologie und Urologie
- HNO, Ophthalmologie
- Orthopädie
- Plastische Chirurgie
- Laparoskopie
- Endo-Neurochirurgie
- Arthroskopie
- Sinuskopie
- Cystoskopie
- Hysteroskopie
- Gynäkologie

Sehr gut ausgebildetes Personal und ein umfassender Maschinenpark ermöglichen es uns, die hohe Qualität und Präzision unserer Produkte umzusetzen und zu erreichen.

Unsere moderne EDV und die schlanke Organisation sind die wichtigsten Bestandteile unserer hohen Produktivität. Dadurch können wir unseren Kunden stets eine hohe Lieferbereitschaft und Flexibilität garantieren.

REDA Instrumente GmbH  
Deutschland - Tuttlingen, 03/2022

REDA INSTRUMENTS GmbH was founded in September 1990. Starting with just three employees, REDA has grown within six years to a company who now employs over thirty people while still retaining the values of a family run business, and we pride ourselves on our customer service.

REDA exports to countries all over the world, offering to their customers a full range of surgical instruments.

REDA has a first class quality management system built upon the regulations of the FDA. In 1997 we became registered to DIN ISO 13485 and EEC 93/42 (MDR 2017/745).

REDA are able to offer a complete range of surgical instruments covering all types of surgery, including:

- General and Visceral Surgery
- Micro- Neuro- and Vascular Surgery
- Heart and Thorax Surgery
- Gynaecology
- ENT, Ophtalmology
- Orthopaedics etc.
- Laparoscopy
- Endo-Neurosurgery
- Arthroscopy
- Urology
- Gynaecology

We strive to offer first class products, manufactured by our highly trained precision engineers using most up to date C & C machines.

At our modern offices, together with modern technology, we can offer our customers a fast and efficient service from our large stocked warehouse.

REDA Instrumente GmbH  
Deutschland - Tuttlingen, 03/2022

REDA Instrumente GmbH fundada en 1990 en Tuttlingen, Alemania, comenzó con éxito y con la intención de ocupar un lugar de privilegio como líder en la fabricación y venta internacional de instrumentos quirúrgicos de calidad superior.

Nuestra compañía comenzó con un pequeño staff integrado por el grupo familiar y fué creciendo con paso firme contando en la actualidad con un personal capacitado de aproximadamente 30 operarios y con presencia internacional a través de sus distribuidores en las principales capitales del mundo.

Un gran porcentaje de nuestra producción se compone de productos solicitados bajo características y marcas de nuestros clientes.

Con el objetivo de asegurar nuestro alto nivel de calidad nuestra empresa mantiene un staff muy entusiasta acompañado de una integrada relación con la gerencia, independencia en el empleo y motivación propia para el bienestar del personal.

Nos satisface trabajar junto a nuestros proveedores y en busca de un claro objetivo que nos permita lograr mutuos beneficios. Estamos seguros que éste sistema de trabajo nos permite evitar errores y lograr una mejor manufacturación de nuestros productos, la mayoría de ellos se diseñan con la colaboración y asesoramiento de médicos profesionales.

Nuestras especialidades en cirugía incluyen instrumentos para:

- cirugía general y visceral
- cirugía vascular, microcirugía, neurocirugía
- cirugía cardiovascular
- ginecología y urología
- ORL, Oftalmología
- Ortopedia
- cirugía plástica
- Laparoscopia
- Endo-neurocirugía
- Atroscopia
- sinuscopia
- cistoscopia
- histeroscopia
- ginecología

Estamos orgullosos de nuestra calidad, manteniendo periódicamente los tests correspondientes de GMP que exigen los standards regulares de agencias tales como la FDA, contando con los certificaciones de DIN ISO 13485 and EEC 93/42 (MDR 2017/745).

Desde los inicios, a través de modernos equipos computarizados logramos producir solamente instrumental de alta calidad.

REDA Instrumente GmbH  
Deutschland - Tuttlingen, 03/2022

La REDA Instrumente GmbH fondata nel 1990 a Tuttlingen in Germania incominciò con l'intenzione di produrre e vendere strumenti chirurgici di qualità superiore sul mercato internazionale.

La nostra ditta incominciò con uno staff di 3 persone che attualmente è cresciuto a circa 30 persone con una presenza internazionale in tutti i paesi del mondo.

Una grande percentuale della nostra produzione è composta di prodotti richiesti a base caratteristiche e con il marchio dei nostri clienti.

Per poter assicurare il nostro alto livello di qualità la nostra impresa tiene uno staff molto entusiasta accompagnato da una relazione con la direzione, l'indipendenza e la propria motivazione per il benessere del personale.

Noi desideriamo lavorare in relazioni commerciali fra il fornitore ed il cliente, quale ci permette di ottenere un effetto utile reciproco. Siamo sicuri che questo tipo di collaborazione aiuta a limitare malintesi ed errori nella produzione e fornitura dei nostri prodotti. La maggiore parte dei nostri prodotti vengono sviluppati con la collaborazione di chirurghi professionali.

Le nostre specialità nella chirurgia includono strumenti per:

- Chirurgia generale e viscerale
- Micro chirurgia, neurochirurgia, chirurgia per vasi
- Chirurgia cardiovascolare e toracica
- Ginecologia e urologia
- ENT, oftalmologia
- Ortopedia
- Chirurgia plastica
- Laparoscopia
- Endo neurochirurgia
- Artroscopia
- Sinuscopia
- Cistoscopia
- Isteroscopia
- Ginecologia

Siamo orgogliosi della nostra qualità mantenuta periodicamente con i test corrispondenti agli standard GMP che mantengono o superano gli standard regolari come tali della FDA, la certificazione DIN ISO 13485 and EEC 93/42 (MDR 2017/745).

Il nostro sistema moderno computerizzato ci permette di produrre solamente strumenti di alta qualità.

REDA Instrumente GmbH  
Deutschland - Tuttlingen, 03/2022

Blutdruckmeßgeräte  
Sphygmomanometer  
Esfigmomanómetros  
Sfigmomanometri

## big ben® DESK DESIGN



big ben® rund oder eckig - durchdachte Optionen für den täglichen Gebrauch. big ben® steht für Riester-Qualität, die hochwertigsten analogen Blutdruckmessgeräte für die präzise Blutdruckmessung. big ben® Blutdruckmessgeräte sind besonders große und robuste Geräte, die für den intensiven Einsatz in Arztpraxen und Krankenhäusern konzipiert sind.

No. 03112-51 - Verbandmanschette, Erwachsene, rund

No. 03112-52 - Hakenmanschette, Erwachsene, rund

No. 03112-53 - Klettverschlussmanschette, Erwachsene, rund

big ben® round or square – well thought-out options for everyday use. big ben reflects Riester quality, the highest grade analogue sphygmomanometers for precise blood pressure measurement. big ben® sphygmomanometers are especially large and sturdy devices designed for intensive use in physicians' practices and hospitals.

No. 03112-51 - Bandage cuff, adult, round

No. 03112-52 - Hook cuff, adult, round

No. 03112-53 - Velcro cuff, adult, round

big ben® redondo o cuadrado: opciones bien pensadas para el uso diario. big ben refleja la calidad de Riester, los esfigmomanómetros analógicos de mayor calidad para la medición precisa de la tensión arterial. Los esfigmomanómetros big ben® son aparatos especialmente grandes y robustos, diseñados para un uso intensivo en las consultas médicas y en los hospitales. diseñados para un uso intensivo en consultas médicas y hospitales

No. 03112-51 - Brazaletes de venda, adulto, redondo

No. 03112-52 - Brazaletes de gancho, adulto, redondo

No. 03112-53 - Puño de velcro, adulto, redondo

big ben® rotondo o quadrato - opzioni ben ponderate per l'uso quotidiano. big ben rispecchia la qualità Riester, gli sfigmomanometri analogici di qualità superiore per una misurazione precisa della pressione sanguigna. sfigmomanometri analogici di altissima qualità per la misurazione precisa della pressione sanguigna. gli sfigmomanometri big ben® sono apparecchi particolarmente grandi e robusti dispositivi progettati per un uso intensivo negli studi medici e negli ospedali.

No. 03112-51 - Bracciale a fascia, adulto, rotondo

No. 03112-52 - Polsino a gancio, adulto, rotondo

No. 03112-53 - Polsino in velcro, adulto, rotondo



Blutdruckmeßgeräte  
Sphygmomanometer  
Esfigmomanómetros  
Sfigmomanometri

## **big ben® WALL DESIGN**



big ben® rund oder eckig - durchdachte Optionen für den täglichen Gebrauch. big ben® steht für Riester-Qualität, die hochwertigsten analogen Blutdruckmessgeräte für die präzise Blutdruckmessung. big ben® Blutdruckmessgeräte sind besonders große und robuste Geräte, die für den intensiven Einsatz in Arztpraxen und Krankenhäusern konzipiert sind.

No. 03114-57 - Verbandmanschette, Erwachsene, rund

No. 03114-58 - Hakenmanschette, Erwachsene, rund

No. 03114-59 - Klettverschlussmanschette, Erwachsene, rund

big ben® round or square – well thought-out options for everyday use. big ben reflects Riester quality, the highest grade analogue sphygmomanometers for precise blood pressure measurement. big ben® sphygmomanometers are especially large and sturdy devices designed for intensive use in physicians' practices and hospitals.

No. 03114-57 - Bandage cuff, adult, round

No. 03114-58 - Hook cuff, adult, round

No. 03114-59 - Velcro cuff, adult, round

big ben® redondo o cuadrado: opciones bien pensadas para el uso diario. big ben refleja la calidad de Riester, los esfigmomanómetros analógicos de mayor calidad para la medición precisa de la tensión arterial. Los esfigmomanómetros big ben® son aparatos especialmente grandes y robustos, diseñados para un uso intensivo en consultas médicas y hospitales. especialmente grandes y robustos, diseñados para un uso intensivo en consultas médicas y hospitales.

No. 03114-57 - Brazaletes de venda, adulto, redondo

No. 03114-58 - Brazaletes de gancho, adulto, redondo

No. 03114-59 - Puño de velcro, adulto, redondo

big ben® rotondo o quadrato - opzioni ben ponderate per l'uso quotidiano. big ben rispecchia la qualità Riester, gli sfigmomanometri analogici di qualità superiore per una misurazione precisa della pressione sanguigna. sfigmomanometri analogici di altissima qualità per la misurazione precisa della pressione sanguigna. gli sfigmomanometri big ben® sono apparecchi particolarmente grandi e robusti disposti progettati per un uso intensivo negli studi medici e negli ospedali.

No. 03114-57 - Bracciale a fascia, adulto, rotondo

No. 03114-58 - Polsino a gancio, adulto, rotondo

No. 03114-59 - Polsino in velcro, adulto, rotondo

Blutdruckmeßgeräte  
Sphygmomanometer  
Esfigmomanómetros  
Sfigmomanometri

## MINIMUS III



Weltweit bekanntes und beliebtes Einhandmodell. Verchromtes Metallgehäuse. Spezialgehärtete Kupfer-Beryllium Membrane. Keine Nullpunktfixierung. Gut ablesbare Aluminiumskala  $\varnothing$  49 mm bis 300 mmHg. Löffel aus rostfreiem Stahl. Latexball und verchromtes Ablassventil. Zwei verchromte Schlauchverschraubungen an der rechten Seite unterhalb des Manometers. In Vinyltasche mit Reißverschluss. Maximale Fehlertoleranz des Gerätes:  $\pm$  3 mmHg.

Nr. 03133-00 - Mit Wickelmanschette aus Baumwolle, komplett mit Latexpolster mit Doppelschlauch.

Nr. 03133-01 - Mit Hakenmanschette aus Baumwolle, komplett mit Latexpolster mit Doppelschlauch.

World-famous and popular palm-style sphygmomanometer. Chrome-plated metal housing with 2 chromed-tube connections at lower right. Special tempered copper-beryllium diaphragm. No stop pin. Easy-to-read graduated aluminium scale  $\varnothing$  49 mm. Maximum reading 300 mmHg. Stainless steel handle. With latex bulb and chrome-plated air release valve. In vinyl zipper case. Maximum error  $\pm$  3 mmHg throughout range.

No. 03133-00 - With cotton bandage cuff, complete with double-tube latex bladder.

No. 03133-01 - With cotton hook cuff, complete with double-tube latex bladder.

Modelo de mano, conocido en el mundo entero y de gran aceptación. Caja metálica cromada donde se aloja el mecanismo. Membrana cobreberilio endurecido especial. Sin fijación a cero. Buena lectura de la escala aluminio  $\varnothing$  49 mm hasta 300 mmHg. Cuchara de acero inoxidable. Pera latex y válvula cromada. Dos atomilladuras de tubo cromadas al lado derecho debajo del manómetro. En estuche vinilo con cierre de cremallera. Tolerancia de errores máxima:  $\pm$  3 mmHg.

No. 03133-00 - Con brazalete de venda de algodón, completo con bolsa de latex doble tubos.

No. 03133-01 - Con brazalete de ganchos de algodón, completo con bolsa de latex doble tubos.

Sfigmomanometro ad aneroidi di fama mondiale. Manometro in metallo cromato con uscita cromata laterale (in basso a destra) per collegamento a due tubi. Membrana speciale di rame-berillio indurito. Senza fissaggio a zero. Scala graduata in alluminio  $\varnothing$  49 mm di facile lettura. Valore massimo 300 mmHg. Manico in acciaio inossidabile. Con monopalla di latex e valvola di sfiato cromata. Fornito in borsa vinilpelle con cerniera lampo. Tolleranza  $\pm$  3 mmHg.

No. 03133-00 - Con bracciale di cotone a fascia, completo di camera d'aria di latex a 2 tubi.

No. 03133-01 - Con bracciale di cotone a ganci, completo di camera d'aria di latex a 2 tubi.

Diagnostik-Bestecke mit Standardbeleuchtung  
 Diagnostic Sets with Standard illumination  
 Estuches de diagnóstico con iluminación standard  
 Combinazioni per diagnostica con illuminazione standard

# UNI I



Nr. 03161-00

Weltbekanntes und preiswertes Otopskop mit Standardbeleuchtung 2,5 V. Besonders geeignet für Studenten und Ärzte.

Set bestehend: Aus **Otoskopkopf** verchromt, mit Steckverschluss. **Verchromter Batteriegriff 28 mm ø** für 2 Batterien Typ C. Mit abnehmbarem Abdeckglas in Kunststoff-Fassung mit Plastikconnector für den pneumatischen Test. Die verchromte Schwenklinse ist abnehmbar und vergrößert 4,0-fach. Die Lichtstärke kann anhand des Rheostates reguliert werden. Mit 3 wiederverwendbaren Ohrtrichtern 2, 3 und 4 mm ø. Komplet in silberfarbener Kunststofftasche.

No. 03161-00

World famous otoscope set at a budget price for physicians and students. 2,5 V standard illumination for use with 2 batteries type C.

Set includes: **Otoscope head** with pin contact fitting. Chrome-plated. Fixed protective lens in plastic mount may be removed for introduction of instruments. Plastic connector for pneumatic otoscopy. Removable swivel-mounted 4 x magnifier. 2, 3 and 4 mm reusable specula included. **Battery handle 28 mm ø** for 2 C-cell batteries. Chrome-plated. With thumb wheel for securing pin contact heads. With rheostat for adjustment of illumination. Complete in silver-colored plastic pouch.

No. 03161-00

Otoscopio muy popular y económico con iluminación standard 2,5 V apropiado para estudiantes y médicos, de fama mundial.

**Cabeza otoscopio cromada**, con cierre de tornillo. **Mango a pilas cromado 28 mm ø** para dos pilas tipo C. Con cristal de cubierto desmontable en armadura plástica. Con conector plástico para el test neumático. La lente giratoria es desmontable y amplifica 4,0 veces mas. La intensidad de la luz es regulable con el reostato. Con tres espejos reutilizables 2, 3 y 4 mm ø. Completo en bolsa de plástico de color gris plata.

No. 03161-00

Set otoscopio di fama mondiale ad un prezzo economico per medici e studenti. Illuminazione standard 2,5 V per l'uso con 2 batterie tipo C.

Il set include: Testa dell'otoscopio con raccordo di contatto a perno. Cromato. Lente protettiva fissa in supporto di plastica che può essere rimossa per l'introduzione degli strumenti. Connettore in plastica per otoscopia pneumatica. Lente d'ingrandimento 4 x rimovibile e girevole. 2, 3 e 4 mm specula riutilizzabile inclusa. Impugnatura della batteria 28 mm ø per 2 batterie C-cell. Cromato. Con rotella per fissare le teste di contatto teste di contatto. Con reostato per la regolazione dell'illuminazione.

Diagnostik-Bestecke mit Standardbeleuchtung  
 Diagnostic Sets with Standard illumination  
 Estuches de diagnóstico con iluminación standard  
 Combinazioni per diagnostica con illuminazione standard

## UNI II



Nr. 03161-01

Weltbekanntes und preisgünstiges **May-Ophthalmoskop**: mit Standardbeleuchtung 2,5 V. Besonders für Studenten und Ärzte geeignet. Ophthalmoskop mit Steckverschluss. Anhand des Linsenrades können Korrekturlinsen von 0 bis +20 und 0 bis -20 Dioptrien gewählt werden. Mit einer Blende: großer Kreis. Mit verchromtem **Batteriegriff**: 28 mm ø für 2 Batterien Typ C. Die Lichtstärke kann anhand des Rheostates reguliert werden. Komplett in silbergrauer Kunststofftasche.

No. 03161-01

World-famous ophthalmoscope set at a budget price for physicians and students. 2,5 V standard illumination for use with 2 batteries Type C. Set includes: **May ophthalmoscope head**: Pin contact fitting. Lens selection wheel permits choice of corrective lenses from 0 to +20 and 0 to -20 diopters. Single large circle aperture. **Battery handle**: 28 mm ø for 2 C-cell batteries. Chrome-plated. With thumb wheel for securing pin-contact heads. Rheostat for adjustment of illumination. Complete in silver-gray plastic pouch.

No. 03161-01

**Oftalmoscopio May**: muy popular y económico con iluminación standard 2,5 V, apropiado para estudiantes y médicos de fama mundial. Oftalmoscopio con cierre de tornillo. Con ayuda de la rueda de lentes se puede elegir lentes de corrección de 0 a +20 y o a -20 dioptrías. Y con una apertura: gran círculo. Con **mango a pilas**: cromado 28 mm ø para dos pilas tipo C. La intensidad de la luz es regulable con el reostato. Completo en bolsa de plástico de color gris plata.

No. 03161-01

Set oftalmoscopio di fama mondiale ad un prezzo economico per medici e studenti. Illuminazione standard 2,5 V per l'uso con 2 batterie tipo C. Il set include: Testa dell'oftalmoscopio di maggio: Raccordo di contatto a spillo. La ruota di selezione delle lenti permette di scegliere le lenti correttive da 0 a +20 e da 0 a -20 diottrie. Apertura a cerchio unico grande. Impugnatura della batteria: 28 mm ø per 2 batterie a celle C. Cromato. Con rotella per il fissaggio delle teste di contatto a perno. Reostato per la regolazione dell'illuminazione. Completo in astuccio di plastica grigio argento.

Diagnostik-Bestecke mit Standardbeleuchtung  
Diagnostic Sets with Standard illumination  
Estuches de diagnóstico con iluminación standard  
Combinazioni per diagnostica con illuminazione standard

### UNI III



#### Nr. 03161-02

Weltbekanntes diagnostisches Besteck mit Standardbeleuchtung 2,5 V. Äußerst beliebt und sehr preiswert. Besonders geeignet für Studenten und Ärzte. Das Set besteht aus folgenden Teilen: **Otoskopkopf** verchromt, mit Steckverschluß. Abnehmbares Abdeckglas in Kunststofffassung, mit Plastikkonnekter für pneumatischen Test. Abnehmbarer Schwenklinse (Vergrößerung 4,0-fach). 3 wiederverwendbaren Ohrtrichtern 2, 3 und 4 mm ø. **May-Ophthalmoskop** mit Steckverschluß. Anhand des Linsenrades können Korrekturlinsen von 0 bis +20 und 0 bis -20 Dioptrien gewählt werden. Mit einer Blende: großer Kreis. **Batteriegriff** verchromt, 28 mm ø für 2 Batterien Typ C. Die Lichtstärke kann anhand des Rheostates am Batteriegriff reguliert werden. Alle Teile komplett in silbergrauer Kunststofftasche.

#### No. 03161-02

World-famous otoscope/ophthalmoscope diagnostic set at a budget price for physicians and students. 2,5 V Standard illumination for use with 2 batteries type C. Set includes: **Otoscope head** - Pin contact fitting. Chrome-plated. Fixed protective lens in plastic mount may be removed for introduction of instruments. Plastic connector for pneumatic otoscopy. Removable swivel-mounted 4 x magnifier. 2, 3 and 4 mm reusable specula included. **May ophthalmoscope head**. Pin contact fitting. Lens selection wheel permits choice of corrective lenses from 0 to +20 and 0 to -20 diopters. Single large circle aperture. **Battery handle**. 28 mm ø for 2 C-cell batteries. Chrome-plated. With thumb wheel for securing pin-contact heads. Rheostat for adjustment of illumination.

#### No. 03161-02

Este estuche de diagnóstico con iluminación standard 2,5 V es muy popular y muy económico, apropiado para estudiantes y médicos. Juego, compuesto de: **Cabeza otoscopio** cromado, con cierre de tornillo. Con cristal de cubierto en armadura plástica, con conector plástico para el test neumático. Con lente giratorio desmontable (amplificación: 4 veces más). **Cabeza oftalmoscopio May** con cierre de tornillo. Con ayuda de la rueda de lentes se puede elegir lentes de corrección de 0 a +20 y 0 a -20 dioptrías. Con una apertura: gran círculo. **Mango a pilas** cromado, 28 mm ø para dos pilas tipo C. La intensidad de la luz es regulable con el reostato al tope del mango. Todos los partes se presentan en una bolsa plástica de color gris plata.

#### No. 03161-02

Combinazione per diagnostica otoscopio/oftalmoscopio a prezzo economico, per ambulatori e studenti. Illuminazione standard 2,5 V con 2 batterie tipo C. La combinazione comprende: Testa otoscopio - Chiusura a vite. Cromata. La lente di protezione fissa in supporto di plastica può essere tolta per l'inserimento di strumenti. Connettore di plastica per test pneumatico. Lente d'ingrandimento 4 x in montatura girevole estraibile. Inclusi specoli da 2, 3 e 4 mm riutilizzabili. Oftalmoscopio May. Chiusura a vite. La rotella di selezione permette la scelta di lenti di correzione da 0 a +20 e da 0 a -20 diottrie. Apertura singola a cerchio grande. Manico a pila ø 28 mm con 2 batterie tipo C. Cromato. Con ruota ad orlo zigrinato per fissare la testa dell'otoscopio con chiusura a vite. Reostato per la regolazione dell'illuminazione. Fornita in busta di plastica colore grigio argento.

Diagnostik-Bestecke mit Standardbeleuchtung  
 Diagnostic Sets with Standard illumination  
 Estuches de diagnóstico con iluminación standard  
 Combinazioni per diagnostica con illuminazione standard



### ECO "T" 03161-03C

- a) Otoskop, mit Schraubverschluss und 3 Ohrtrichtern, 2-3-4 mm  
 Otoloscope with screw fitting and 3 ear speculas with, 2-3-4 mm  
 Otoscopio, con cierre a tornillo y con 3 espéculos auriculares de 2-3-4 mms  
 Testa otoscopio: chiusura a vite, connettore di plastica per test pneumatico, 3 specoli (2, 3 e 4 mm) riutilizzabili, lente di protezione da togliere
- b) Oftalmoskop, 0 bis +20 und 0 bis -20 Dioptrien, mit Schraubverschluss  
 Ophthalmoscope from 0 to +20 and 0 to -20 dioptries with screw fitting  
 Oftalmoscopio, 0 a + 20 y 0 a - 20 dioptrias, con cierre a tornillo  
 Testa oftalmoscopio: chiusura a vite, lenti di correzione da 0 a +20 e da 0 a -20 diottrie.
- c) Nasenspekulum  
 Nasal Speculum  
 Espéculo nasal  
 Specoli nasali divaricabili
- d) Lampenträger mit Schraubverschluss  
 Bent arm illuminator with screw fitting  
 Porta-lámpara, con cierre a tornillo  
 Porta lampada con 2 specchi laringei, misura 3 e 4.
- e) 2 Kehlkopfspiegel No. 3 und 4  
 2 laryngeal mirrors no. 3 and 4  
 Espejos laringeos Nos. 3 y 4  
 Porta lampada con 2 specchi laringei, misura 3 e 4.
- f) Mundspatelhalter  
 Tongue blade holder  
 Abaja-lenguas  
 Porta abbassa-lingua
- g) Batteriegriff für 2 Batterien mit Schraubverschluss (ohne Batterien)  
 Battery handle for 2 batteries  
 Mango para 2 pilas, con cierre a tornillo (sin pilas)  
 Manico a pila (senza pila), illuminazione regolabile
- h) Ersatzlämpchen 2.5 V  
 Spare lamp 2.5 V  
 Bombillo de repuesto 2.5 V  
 Lampadina di ricambio



Diagnostik-Bestecke mit Standardbeleuchtung  
 Diagnostic Sets with Standard illumination  
 Estuches de diagnóstico con iluminación standard  
 Combinazioni per diagnostica con illuminazione standard



Kleine, sehr moderne Qualitätsinstrumente aus Kunststoff, grau, mit Xenonbeleuchtung XL 2,5 V. Sehr preiswert und aufgrund der Größe besonders gut für die Arzttasche geeignet. Schraubverschluss. **Otoskop:** Fiber-Optik. Anschluß für pneumatischen Test. Lupe vergrößert 2,5-fach. Batteriegriff für 2 Batterien Typ AA. **Ophthalmoskop:** Korrekturlinsen: 0 bis +20 und 0 bis -20 Dioptrien. Blenden: Kreis groß + klein, Halbkreis, Fixierstern und Grünfilter. Griff für 2 Batterien Typ AA. Das Otoskop- und das Otoskop/Ophthalmoskop-Besteck werden jeweils mit einem Metallkonnektor für pneumatischen Test und Plastikröhrchen mit jeweils 5 wiederverwendbaren Ohrtrichtern 2,5 und 4,0 mm geliefert. Komplet in modernem schwarzen Kunststoffetui.

**Nr. 03171-00 - Otoskop mit Griff AA.**

**Nr. 03171-01 - Ophthalmoskop mit Griff AA.**

**Nr. 03171-02 - Otoskop/Ophthalmoskop jeweils mit Griff AA.**

Economically priced state-of-the-art quality instrument made of plastics, gray color, with Xenon illumination XL 2,5 V. Due to its small size it is most suitable for each practitioner's bag. **Otoscope:** Fiber optic. Screw type fitting. 2,5 x magnifying glass. Battery handle for 2 AA-cell batteries. **Ophthalmoscope:** Corrective lenses ranging from 0 to +20 and 0 to -20 diopters. Apertures: large and small circle, semi-circle, fixation star and green filter. Oscope and otoscope/ophthalmoscope set each contain a metal connector for pneumatic otoscopy as well as plastic tube with 5 each reusable ear specula 2,5 and 4,0 mm. All sets come in modern black plastic case.

**No. 03171-00 - Oscope with AA-handle.**

**No. 03171-01 - Ophthalmoscope with AA-handle.**

**No. 03171-02 - Oscope/ophthalmoscope with 1 each AA-handle.**

Instrumentos de calidad, muy moderno y pequeño de plástico resistente, gris, con iluminación Xenon XL 2,5 V. Muy económico y gracias al tamaño apropiado para el bolsillo del médico. Cierre roscado. **Otoscopio:** fibra óptica. Conexión para test neumático. Lupa aumenta 2,5 veces más. Mango a pilas para 2 pilas, tipo AA. **Oftalmoscopio:** Lentes de corrección: 0 hasta +20 y o hasta -20 dioptrías. Aberturas: círculo grande y pequeño, semicírculo, estrella fijadora y filtro verde. Con mango para 2 pilas, tipo AA. Juego de otoscopio y de otoscopio/oftalmoscopio con conector metálico para el test neumático y con 5 espéculos reutilizables de 2,5 y 4,0 mm en tubito de plástico. Todos los juegos se presentan en estuche de plástico negro moderno.

**No. 03171-00 - Otoscopio con mango AA.**

**No. 03171-01 - Oftalmoscopio con mango AA.**

**No. 03171-02 - Oto/oftalmoscopio con mangos AA.**

Strumento piccolo, moderno, di alta qualità realizzato in plastica, grigio, con illuminazione Xenon XL 2,5 V. Molto economico e, date le sue dimensioni, il più adatto a stare nella borsa del medico. Otoscopio: con attacco a vite. Lente d'ingrandimento 2,5X. Manico a pila per 2 batterie tipo AA. Oftalmoscopio: Lenti correttive da 0 a +20 e da 0 a -20 diottrie. Aperture: a cerchio grande e piccolo, semicerchio, a stella, filtro verde. Con manico per 2 batterie tipo AA. L'otoscopio e la combinazione otoscopio/oftalmoscopio hanno un connettore per test pneumatico e tubo di plastica con 5 specoli auricolari 2,5 e 4,0 mm. cad. Tutte le combinazioni sono fornite in un moderno astuccio di plastica nera.

**No. 03171-00 - Otoscopio con manico AA.**

**No. 03171-01 - Oftalmoscopio con manico AA.**

**No. 03171-02 - Oto/Oftalmoscopio con manici AA.**

Nystagmusbrille  
Nystagmus spectacles  
Anteojos para nistagmo  
Occhiali nistagmo



## FRENZEL

03167-03  
Beleuchtete Nystagmusbrille  
mit querliegendem Batterie-  
handgriff und festen Gläsern

Energiequelle:  
2 Stück 4-Volt-Lämpchen  
2 Stück Baby-Zellen 1.5 V

03167-03  
Anteojos para nistagmo, con  
iluminación, con mango para  
pilas en forma horizontal, vidrios  
fijos,

Alimentación:  
2 unidades de bombillos de  
4 voltios  
2 unidades de pilas de  
1.5 voltios

03167-03  
Nystagmus spectacles for  
observation of the eyes during  
examination of the vestibular  
apparatus, with battery handle  
and fixed glasses. Illuminated  
on inside of lenses.

Source of energy:  
2 bulbs 4-volt  
2 baby-battery cells 1.5 V

03167-03  
Occhiali Nistagmo illuminati  
con manipoło a batteria,  
lenti fisse.  
Per la rilevazione della reazione  
patologica del nistagmo.

Alimentazione:  
2 lampadine 4 Volt  
2 batterie 1,5 Volt



Stirnspiegel  
Head Mirror  
Espejos frontales  
Specchi frontali



03180-93  
ø 90 mm



ZIEGLER  
03180-90  
compl.



03180-92

03180-90  
Ziegler-Stirnspiegel,  
komplett, mit schwarzem  
Stirnreifen,  
mit Kugelgelenk,  
90 mm ø

03180-90  
Ziegler Head Mirror,  
complete with black head  
band, with ball socket,  
90 mm ø

03180-90  
Ziegler espejo frontal, comple-  
to con cinta negra,  
con articulación,  
90 mm ø

03180-90  
Specchio frontale, Ziegler,  
completo con fascia nera,  
con snodo sferico,  
90 mm di ø

03180-92  
Stirnstreifen, allein

03180-92  
head band, only

03180-92  
cinta, suelta

03180-92  
fascia, sola

03180-93  
Spiegel, allein  
90 mm ø

03180-93  
Mirror, only  
90 mm ø

03180-93  
Espejo, suelto  
90 mm ø

03180-93  
Specchio,  
solo 90 mm ø

Stirnlampe  
Head Light  
Lámpara frontal  
Lampada frontale



CLAR  
03195-00

komplett mit Stirnstreifen und Kabel  
complete with head band and cable  
completo con cinta frontal y cable  
completa con fascia frontale e cordone



03195-01  
ø 55 mm

Spiegel aus Glas ohne Fassung  
Glass Mirror without frame  
Reflector de cristal, sin montura  
Riflettore di cristallo, senza montatura



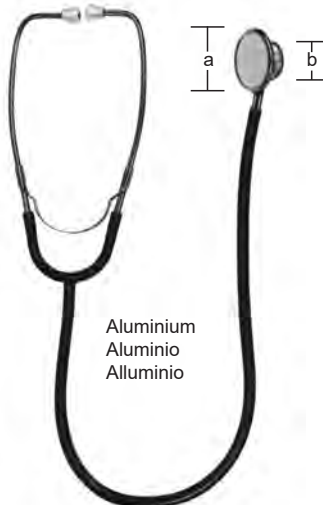
03195-06  
6 Volt



03195-07 Kleintransformator  
220 Volt = 0 - 10 Volt / 3 Watt  
Mini-Transformer Unit  
Transformador eléctrico pequeño  
Mini-trasformatore elettrico

03195-08 Kleintransformator  
110 Volt = 0 - 10 Volt / 3 Watt  
Mini-Transformer Unit  
Transformador eléctrico pequeño  
Mini-trasformatore elettrico

Stethoskope  
Stethoscopes  
Estetoscopios  
Stetoscopi



Aluminium  
Aluminio  
Alluminio

DUPLEX



Aluminium  
Aluminio  
Alluminio

ANESTOPHON  
03248-00

|          | a           | b           |          |
|----------|-------------|-------------|----------|
| 03246-00 | 48 mm, 1.9" | 30 mm, 1.2" |          |
| 03246-01 | 39 mm, 1.5" | 25 mm, 1.0" | Baby     |
| 03246-02 | 21 mm, 0.8" | 21 mm, 0.8" | Neonatal |



PINARD  
03260-15 15 cm, 6"  
ALU



PINARD  
03262-18 18 cm, 7"

Holz, wood, madera, legno

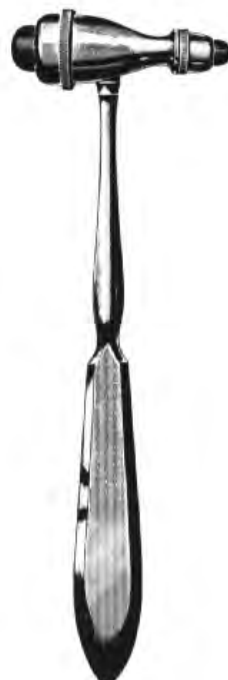
Perkussionshämmer  
Percussion Hammers  
Martillos de percusión  
Martelli da percussione



TAYLOR - USA Mod.  
03288-17 17 cm, 6  $\frac{3}{4}$ "  
03288-20 20 cm, 8"



BABINSKY  
03292-22 22 cm, 8  $\frac{3}{4}$ "



TROEMNER  
03294-24



DEJERINE  
03304-20 20 cm, 8"



BERLINER  
03306-17 17 cm, 6  $\frac{3}{4}$ "



BUCK  
03308-18 18 cm, 7"

Prüf- und Meßinstrumente  
Examination and Measuring Instruments  
Instrumentos para exámenes y medidas  
Strumenti per esaminare e misurare

Dynamometer  
Dynamometer  
Dinamómetro  
Dinamometro



COLLIN  
03310-01 Erwachsene, Adult,  
adultos, adulti  
03310-02 Kind, child, niños, bambini

Winkelmesser  
Goniometer  
Goniómetro  
Goniometro



MOELTGEN  
03312-01

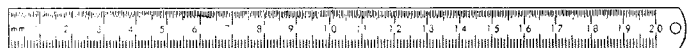


Finger-Goniometer  
Finger goniometer  
Goniómetro para dedos  
Goniometro per le dita  
03314-01



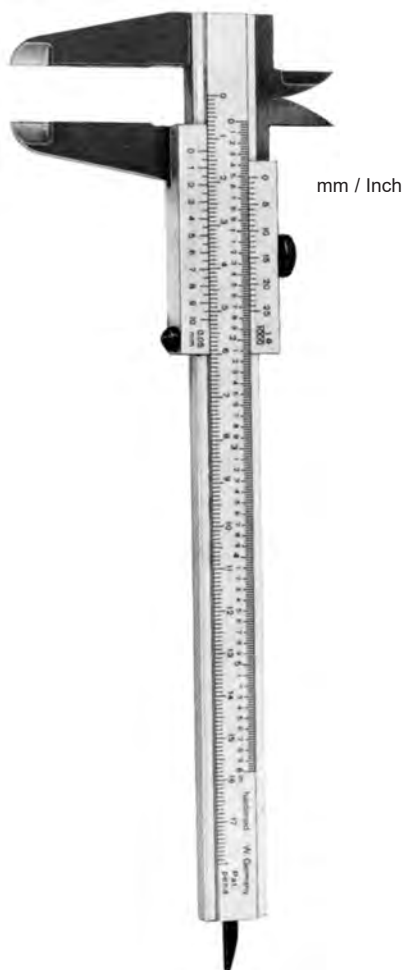
WARTENBERG  
03320-19 18 cm, 7"

mm / Inch

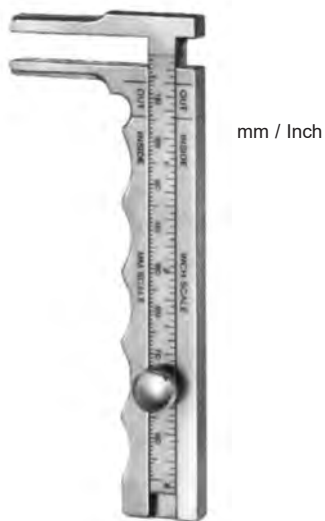


| Metall   |       |     |
|----------|-------|-----|
| 03340-10 | 10 cm | 4"  |
| 03340-15 | 15 cm | 6"  |
| 03340-20 | 20 cm | 8"  |
| 03340-30 | 30 cm | 12" |
| 03340-50 | 50 cm | 20" |

Schieblehren  
Calipers  
Calibres  
Calibro



03360-21  
21 cm, 8 1/4"



TOWNLEY  
03361-10  
11,5 cm, 4 1/2"

Saugrohre  
Suction tubes  
Tubos de aspiración  
Cannule per aspirazione



POOLE 20 cm, 8"  
05130-05 5.5 mm ø, 0.2"  
(17 Fr.)

05130-10 10 mm ø, 0.4"  
(30 Fr.)



POOLE 19 cm, 7 1/2"  
05140-05 5.5 mm ø, 0.2"  
(17 Fr.)

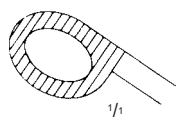
05140-08 8 mm ø, 0.3"  
(23 Fr.)



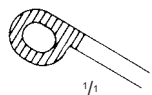
BABY-YANKAUER  
05150-21 21 cm, 8 1/4"

YANKAUER  
27 cm, 10 1/2"  
05150-27 Ø 2,0 mm  
05150-48 Ø 4,8 mm

Kathetereinführzangen, Saugrohre  
 Catheter Introducing Forceps, Suction tubes  
 Pinzas para catéteres, Tubos de aspiración  
 Pinze per introdurre le sonde, Cannule per aspirazione



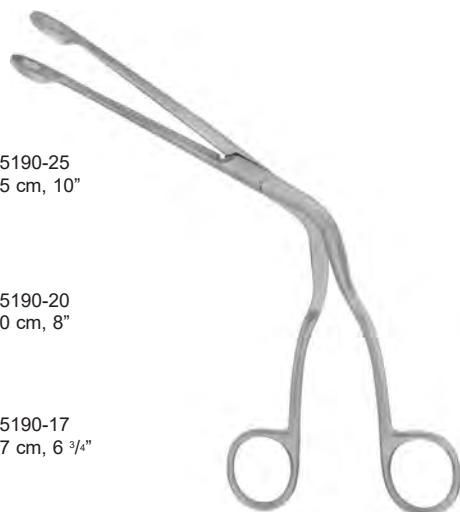
05190-25  
 25 cm, 10"



05190-20  
 20 cm, 8"



05190-17  
 17 cm, 6 3/4"



MAGILL



ANDREW-PYNCHON  
 05170-24  
 6 mm  $\varnothing$ , 1/2"  
 24 cm, 9 1/2"



COOLEY  
 05160-02  
 8 mm  $\varnothing$ , 0.3"  
 36 cm, 14 1/4"

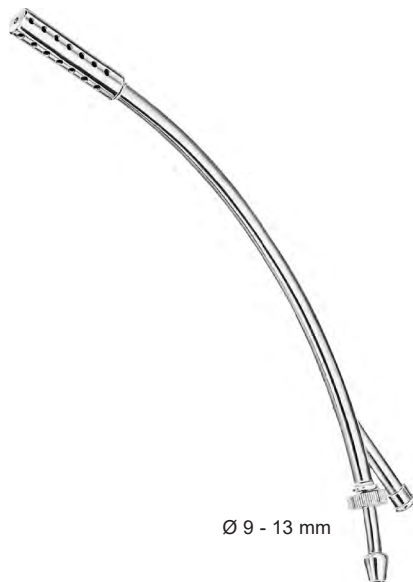


COOLEY  
 05160-03  
 8 mm  $\varnothing$ , 0.3"  
 30 cm, 11 3/4"



DE BAKEY  
 05160-04  
 3 mm  $\varnothing$ , 0.1"  
 27 cm, 10 1/2"

$\varnothing$  15 mm



$\varnothing$  9 - 13 mm

FINSTERER  
 05180-32  
 32 cm, 12 3/4"



Kaltlicht  
Cold Light  
Luz fría  
Luce fredda



Kaltlicht Laryngoskope  
Fiber Optic Laryngoscopes  
Laringoscopios de luz fría  
Laringoscopi a fibra ottica



## McINTOSH

05212-03

Set bestehend aus:

- 1 Etui
- 1 Batteriegriff 05238-03
- 3 Spatel (Fig. 2-4)
- 1 Ersatzlampe Xenon 05239-03

Set consisting of:

- 1 Case
- 1 Handle 05238-03
- 3 Blades (Fig. 2-4)
- 1 Spare Bulb Xenon 05239-03

Juego compuesto de:

- 1 Estuche
- 1 Mango 05238-03
- 3 Hojas (Fig. 2-4)
- 1 Bombilla de recambio Xenon 05239-03

Set composto da:

- 1 valigetta
- 1 impugnatura 05238-03
- 3 Lame (Fig. 2-4)
- 1 lampadina di ricambio Xenon 05239-03

05212-04

Set bestehend aus:

- 1 Etui
- 1 Batteriegriff 05238-03
- 4 Spatel (Fig. 1-4)
- 1 Ersatzlampe Xenon 05239-03

Set consisting of:

- 1 Case
- 1 Handle 05238-03
- 4 Blades (Fig. 1-4)
- 1 Spare Bulb Xenon 05239-03

Juego compuesto de:

- 1 Estuche
- 1 Mango 05238-03
- 4 Hojas (Fig. 1-4)
- 1 Bombilla de recambio Xenon 05239-03

Set composto da:

- 1 valigetta
- 1 impugnatura 05238-03
- 4 Lame (Fig. 1-4)
- 1 lampadina di ricambio Xenon 05239-03

Laryngoskopie-Spatel mit integriertem Kaltlichtträger  
 Laryngoscope Blades with Integrated Cold Light Carrier  
 Espátulas de laringoscopios con luz fría integrada  
 Lame per laringoscopio con portatore di luce fredda integrato

Kaltlicht  
 Cold Light  
 Luz fría  
 Luce fredda



## McINTOSH



05211-00  
 59 mm, 2.32"  
 Nutzlänge  
 working length  
 largo útil

Fig. 0  
 für Säuglinge  
 for babies  
 para neonatales



05211-01  
 72 mm, 2.83"  
 Nutzlänge  
 working length  
 largo útil

Fig. 1  
 für Kinder  
 for children  
 para niños



05211-02  
 92 mm, 3.62"  
 Nutzlänge  
 working length  
 largo útil

Fig. 2  
 für Jugendliche  
 for adolescents  
 para adolescentes



05211-03  
 112 mm, 4.41"  
 Nutzlänge  
 working length  
 largo útil

Fig. 3  
 für Frauen  
 for women  
 para mujeres



05211-04  
 136 mm, 5.35"  
 Nutzlänge  
 working length  
 largo útil

Fig. 4  
 für Männer  
 for men  
 para hombres

Kaltlicht  
Cold Light  
Luz fría  
Luce fredda



Kaltlicht Laryngoskope  
Fiber Optic Laryngoscopes  
Laringoscopios de luz fría  
Laringoscopi a fibra ottica



MILLER

05213-03CL

Set bestehend aus:

- 1 Etui
- 1 Batteriegriff 05238-03
- 3 Spatel (Fig. 1-3)
- 1 Ersatzlampe Xenon 05239-03

Set consisting of:

- 1 Case
- 1 Handle 05238-03
- 3 Blades (Fig. 1-3)
- 1 Spare Bulb Xenon 05239-03

Juego compuesto de:

- 1 Estuche
- 1 Mango 05238-03
- 3 Hojas (Fig. 1-3)
- 1 Bombilla de recambio Xenon 05239-03

Set composto da:

- 1 valigetta
- 1 impugnatura 05238-03
- 3 Lame (Fig. 1-3)
- 1 lampadina di ricambio Xenon 05239-03

05213-04CL

Set bestehend aus:

- 1 Etui
- 1 Batteriegriff 05238-03
- 4 Spatel (Fig. 1-4)
- 1 Ersatzlampe Xenon 05239-03

Set consisting of:

- 1 Case
- 1 Handle 05238-03
- 4 Blades (Fig. 1-4)
- 1 Spare Bulb Xenon 05239-03

Juego compuesto de:

- 1 Estuche
- 1 Mango 05238-03
- 4 Hojas (Fig. 1-4)
- 1 Bombilla de recambio Xenon 05239-03

Set composto da:

- 1 valigetta
- 1 impugnatura 05238-03
- 4 Lame (Fig. 1-4)
- 1 lampadina di ricambio Xenon 05239-03

Laryngoskopie-Spatel Mit Integriertem Kaltlichtträger  
 Laryngoscope Blades With Integrated Cold Light Carrier  
 Espátulas de Laringoscopios Con Luz Fría Integrada  
 Lame Per Laringoscopia Con Portatore di Luce Fredda Integrato

Kaltlicht  
 Cold Light  
 Luz Fría  
 Luce Fredda

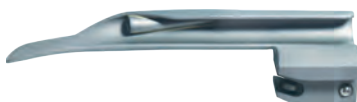


## MILLER



05230-00CL  
 55 mm, 2.16"  
 Nutzlänge  
 working length  
 largo útil

Fig. 0  
 für Säuglinge  
 for babies  
 para neonatales



05230-01CL  
 80 mm, 3.15"  
 Nutzlänge  
 working length  
 largo útil

Fig. 1  
 für Kinder  
 for children  
 para niños



05230-02CL  
 130 mm, 5.12"  
 Nutzlänge  
 working length  
 largo útil

Fig. 2  
 für Jugendliche  
 for adolescents  
 para adolescentes



05230-03CL  
 170 mm, 6.69"  
 Nutzlänge  
 working length  
 largo útil

Fig. 3  
 für Frauen  
 for women  
 para mujeres



05230-04CL  
 188 mm, 7.4"  
 Nutzlänge  
 working length  
 largo útil

Fig. 4  
 für Männer  
 for men  
 para hombres

Laryngoskope Warmlicht  
Laryngoscopes Warm Light  
Laringoscopios de Luz Caliente  
Laringoscopi a Luce Calda

Warmlicht  
Warm Light  
Luz Caliente  
Luce Calda



## McINTOSH

05203-00

Set bestehend aus:

- 1 Etui
- 1 Batteriegriff 05234-28
- 3 Spatel (Fig. 2-4)
- 2 Ersatzlampen 05239-02

Set consisting of:

- 1 Case
- 1 Handle 05234-28
- 3 Blades (Fig. 2-4)
- 2 Spare Bulbs 05239-02

Juego compuesto de:

- 1 Estuche
- 1 Mango 05234-28
- 3 Hojas (Fig. 2-4)
- 2 Bombilla de recambio 05239-02

Set composto da:

- 1 valigetta
- 1 impugnatura 05234-28
- 3 Lame (Fig. 2-4)
- 2 Lampadine di ricambio 05239-02

05204-00

Set bestehend aus:

- 1 Etui
- 1 Batteriegriff 05234-28
- 4 Spatel (Fig. 1-4)
- 2 Ersatzlampen 05239-02

Set consisting of:

- 1 Case
- 1 Handle 05234-28
- 4 Blades (Fig. 1-4)
- 2 Spare Bulbs 05239-02

Juego compuesto de:

- 1 Estuche
- 1 Mango 05234-28
- 4 Hojas (Fig. 1-4)
- 1 Bombilla de recambio 05239-02

Set composto da:

- 1 valigetta
- 1 impugnatura 05234-28
- 4 Lame (Fig. 1-4)
- 2 Lampadine di ricambio 05239-02

Laryngoskopie-Spatel Mit Integriertem Warmlichtträger  
 Laryngoscope Blades With Integrated Warm Light Carrier  
 Espátulas de Laringoscopios Con Luz Caliente Integrada  
 Lame Per Laringoscopia Con Portatore di Luce Calda Integrato

Warmlicht  
 Warm Light  
 Luz Caliente  
 Luce Calda



## McINTOSH



05210-00  
 59 mm, 2.32"  
 Nutzlänge  
 working length  
 largo útil  
 lunghezza utile

Fig. 0  
 für Säuglinge  
 for babies  
 para neonatales  
 per neonati



05210-01  
 72 mm, 2.83"  
 Nutzlänge  
 working length  
 largo útil  
 lunghezza utile

Fig. 1  
 für Kinder  
 for children  
 para niños  
 per bambini



05210-02  
 92 mm, 3.62"  
 Nutzlänge  
 working length  
 largo útil  
 lunghezza utile

Fig. 2  
 für Jugendliche  
 for adolescents  
 para adolescentes  
 per adolescenti



05210-03  
 112 mm, 4.41"  
 Nutzlänge  
 working length  
 largo útil  
 lunghezza utile

Fig. 3  
 für Frauen  
 for women  
 para mujeres  
 per donne



05210-04  
 136 mm, 5.35"  
 Nutzlänge  
 working length  
 largo útil  
 lunghezza utile

Fig. 4  
 für Männer  
 for men  
 para hombres  
 per uomini

Laryngoskope Warmlicht  
Laryngoscopes Warm Light  
Laringoscopios de Luz Caliente  
Laringoscopi a Luce Calda

Warmlicht  
Warm Light  
Luz Caliente  
Luce Calda



MILLER

05213-03

Set bestehend aus:

- 1 Etui
- 1 Batteriegriff 05234-28
- 3 Spatel (Fig. 1-3)
- 1 Ersatzlampe 05239-01
- 1 Ersatzlampe 05239-02

Set consisting of:

- 1 Case
- 1 Handle 05234-28
- 3 Blades (Fig. 1-3)
- 1 Spare Bulb 05239-01
- 1 Spare Bulb 05239-02

Juego compuesto de:

- 1 Estuche
- 1 Mango 05234-28
- 3 Hojas (Fig. 1-3)
- 1 Bombilla de recambio 05239-01
- 1 Bombilla de recambio 05239-02

Set composto da:

- 1 valigetta
- 1 impugnatura 05234-28
- 3 Lame (Fig. 1-3)
- 1 lampadina di ricambio 05239-01
- 1 lampadina di ricambio 05239-02

05213-04

Set bestehend aus:

- 1 Etui
- 1 Batteriegriff 05234-28
- 4 Spatel (Fig. 1-4)
- 1 Ersatzlampe 05239-01
- 1 Ersatzlampe 05239-02

Set consisting of:

- 1 Case
- 1 Handle 05234-28
- 4 Blades (Fig. 1-4)
- 1 Spare Bulb 05239-01
- 1 Spare Bulb 05239-02

Juego compuesto de:

- 1 Estuche
- 1 Mango 05234-28
- 4 Hojas (Fig. 1-4)
- 1 Bombilla de recambio 05239-01
- 1 Bombilla de recambio 05239-02

Set composto da:

- 1 valigetta
- 1 impugnatura 05234-28
- 4 Lame (Fig. 1-4)
- 1 lampadina di ricambio 05239-01
- 1 lampadina di ricambio 05239-02

Laryngoskope Warmlicht  
Laryngoscopes Warm Light  
Laringoscopios de Luz Caliente  
Laringoscopi a Luce Calda

Warmlicht  
Warm Light  
Luz Caliente  
Luce Calda



## MILLER



05230-00  
55 mm, 2.1/2"  
Nutzlänge  
working length  
largo útil  
lunghezza utile

für Säuglinge  
for babies  
para neonatales  
per neonati



05230-01  
80 mm, 3 1/8"  
Nutzlänge  
working length  
largo útil  
lunghezza utile

für Kinder  
for children  
para niños  
per bambini



05230-02  
130 mm, 5"  
Nutzlänge  
working length  
largo útil  
lunghezza utile

für Jugendliche  
for adolescents  
para adolescentes  
per adolescenti



05230-03  
170 mm, 6 3/4"  
Nutzlänge  
working length  
largo útil  
lunghezza utile

für Frauen  
for women  
para mujeres  
per donne



05230-04  
180 mm, 7"  
Nutzlänge  
working length  
largo útil  
lunghezza utile

für Männer  
for men  
para hombres  
per uomini



Batteriegriffe, Warmlicht  
Battery Handles, Warm Light  
Mango de Pila, Luz Caliente  
Manico a Batteria, Luce Calda

Warmlicht  
Warm Light  
Luz Caliente  
Luce Calda



Klein  
Small  
Pequeño  
Piccolo



05233-18  
14 cm  
19 cm Ø

mittel  
medium  
medio  
medio



05234-28  
14,5 cm  
29 cm Ø



05239-01 2,5 V  
Fig. 0-1



05239-02 2,5 V  
Fig. 2-4

Ersatzlampe  
Spare Bulb  
Bombilla de recambio  
Lampadina di riserva



Batteriegriffe, Kaltlicht  
 Battery Handles, Cold Light  
 Mango de Pila, Luz Fria  
 Manico a Batteria Per Luce Fredda

Kaltlicht  
 Cold Light  
 Luz Fria  
 Luce Fredda



Klein  
 Small  
 Pequeño  
 Piccolo



15,5 cm  
 Ø 19 mm

05238-02

mittel  
 medium  
 medio  
 medio



15,5 cm  
 Ø 28 mm

05238-03



05239-03 Xenon 2,5 V

Ersatzlampe  
 Spare Bulb  
 Bombilla de recambio  
 Lampadina di ricambio

mit Xenon-Lampe  
 with Xenon-Lamp  
 con lampara Xenon  
 con lampada Xenon

05238-12

05238-13

mit LED-Lampe  
 with LED-Lamp  
 con lampara LED  
 mit LED-Leuchte

Batteriegriffe, Kaltlicht  
Battery Handles, Cold Light  
Mango de Pila, Luz Fría  
Manico a Batteria, Luce Fredda

Kaltlicht  
Cold Light  
Luz Fría  
Luce Fredda



mit Adapter für mittlere und kleine Griffe  
with adaptor for medium and small handles  
con adaptador para mangos medianos y pequeños  
con adattatore per manici medi e piccoli

**05241-11**

Ladestation für 1 aufladbare Laryngoskop-Griffe  
(2.5V and 3.5V) mit Adapter zu Mittel und Klein Griffe,  
90-240V, mit universalem Netzstecker

Charger for 1 rechangable laryngoscope handles  
(2.5V and 3.5V) suitable for medium and small handles,  
90-240V, with universal country power adapter

Cargador para 1 mango de laringoscopio  
recambiable (2.5V and 3.5V) apto para mangos  
medianos y pequeños, 90-240V, con adaptador de  
corriente universal del país

Caricabatterie per 1 impugnature intercambiabili del  
laringoscopio adatto (2.5V and 3.5V) per impugnature  
medie e piccole, 90-240V, con adattatore di  
alimentazione universale per il paese

**05241-12**

Ladestation für 2 aufladbare Laryngoskop-Griffe  
(2.5V and 3.5V) mit Adapter zu Mittel und Klein Griffe,  
90-240V, mit universalem Netzstecker

Charger for 2 rechangable laryngoscope handles  
(2.5V and 3.5V) suitable for medium and small handles,  
90-240V, with universal country power adapter

Cargador para 2 mango de laringoscopio  
recambiable (2.5V and 3.5V) apto para mangos  
medianos y pequeños, 90-240V, con adaptador de  
corriente universal del país

Caricabatterie per 2 impugnature intercambiabili del  
laringoscopio adatto (2.5V and 3.5V) per impugnature  
medie e piccole, 90-240V, con adattatore di  
alimentazione universale per il paese



Batteriegriffe, Kaltlicht  
 Battery Handles, Cold Light  
 Mango de Pila, Luz Fría  
 Manico a Batteria, Luce Fredda

Grünsystem, Edelstahl Griffe, mit hochleistungs LED Lampe, 3,5 V  
 Green system, Stainless Steel Handles, with high powered LED lamp, 3.5 V  
 Sistema verde, asas de acero inoxidable, con lámpara LED de alta potencia, 3,5 V  
 Sistema verde, maniglie in acciaio inossidabile, con lampada LED ad alta potenza, 3,5 V

Aufladbar, komplett mit Akku  
 Rechargeable, complete with battery  
 Recargable, con batería  
 Ricaricabile, completo di batteria

mittel  
 medium  
 medio  
 medio



05239-30

klein  
 small  
 pequeño  
 piccolo



05239-19

Li-ion Akku zu Laryngoskop-Griff, Aufladbar  
 Li-ion Rechargeable Battery alone, for laryngoscope handles  
 Batería recargable de iones de litio sola, para mangos de laringoscopia  
 Batteria ricaricabile agli ioni di litio da sola, per le impugnature del laringoscopio

für mittlere Griffe  
 for medium handle  
 para la manivela mediana  
 per manico medio



05244-01

für kleine Griffe  
 for small Handle  
 para la manija pequeña  
 per la piccola maniglia



05244-02

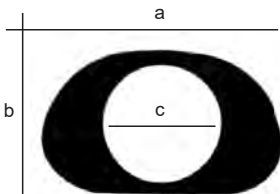
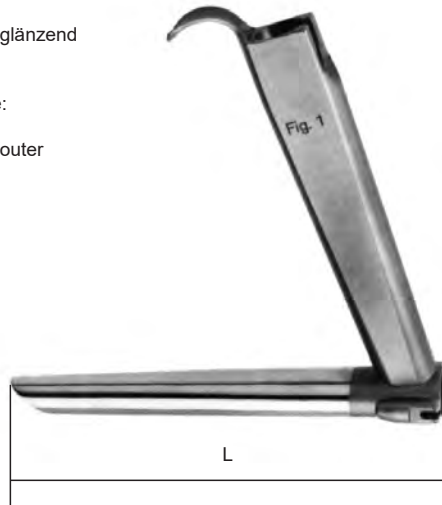
Laryngoskope  
Laryngoscopes  
Laringoscopios  
Laringoscoli

Operation Laryngoskop:  
rostfreier Edelstahl  
Rohr: innen matt/außen glänzend  
Griff: ganz matt

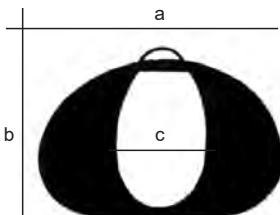
Operation Laryngoscope:  
stainless steel  
tube: inner surface matt/outer  
surface polished  
handle: matt

Laringoscopio para operaciones:  
Acero inoxidable  
Pala: Superficie interior: Mate  
Superficie exterior: Brillante  
Mango entero: Mate

Laringoscopio a luce  
fredda per microchirurgia  
endolaringeo  
tubo: interiore opaco – esterno lucido  
manico: opaco



| Nr.      | L<br>(mm) | a<br>(mm) | b<br>(mm) | c<br>(mm) | Lichtträger<br>light guide<br>Portador de luz<br>portatore di luce |
|----------|-----------|-----------|-----------|-----------|--------------------------------------------------------------------|
| 05301-01 | 135       | 21,8      | 14,0      | 13,0      | 05302-01                                                           |
| 05301-02 | 152       | 22,5      | 14,8      | 13,0      | 05302-01                                                           |
| 05301-03 | 182       | 23,0      | 15,0      | 14,0      | 05302-02                                                           |
| 05301-04 | 172       | 29,5      | 18,0      | 17,0      | 05302-02                                                           |
| 05301-05 | 172       | 31,5      | 21,5      | 19,0      | 05302-02                                                           |



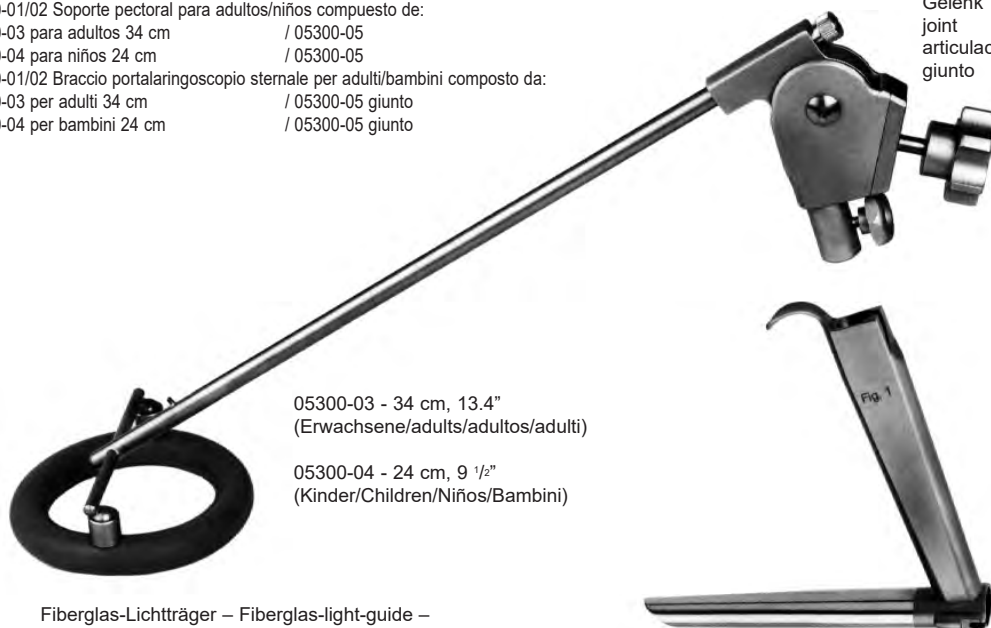
| Nr.      | L<br>(mm) | a<br>(mm) | b<br>(mm) | c<br>(mm)   | Lichtträger<br>light guide<br>Portador de luz<br>portatore di luce |
|----------|-----------|-----------|-----------|-------------|--------------------------------------------------------------------|
| 05301-06 | 182       | 29,0      | 20,0      | 16,0 x 26,0 | 05302-02                                                           |
| 05301-07 | 222       | 29,0      | 20,0      | 16,0 x 26,0 | 05302-03                                                           |

Laryngoskope  
Laryngoscopes  
Laringoscopios  
Laringoscopi

05300-01/02 Bruststütze für Erwachsene/Kinder bestehend aus:  
05300-03 Stützstange für Erwachsene 34 cm / 05300-05 Gelenk  
05300-04 Stützstange für Kinder 24 cm / 05300-05 Gelenk  
05300-01/02 Chest Support for adults/children complete consisting of:  
05300-03 Support rod for adults 34 cm / 05300-05 Joint  
05300-04 Support rod for children 24 cm / 05300-05 Joint  
05300-01/02 Soporte pectoral para adultos/niños compuesto de:  
05300-03 para adultos 34 cm / 05300-05  
05300-04 para niños 24 cm / 05300-05  
05300-01/02 Braccio portalarinoscopio sternale per adulti/bambini composto da:  
05300-03 per adulti 34 cm / 05300-05 giunto  
05300-04 per bambini 24 cm / 05300-05 giunto

Operationslaryngoskop, Kleinsasser  
Operation laryngoscope, Kleinsasser  
Laringoscopios operativo, Kleinsasser  
Laringoscopio operativo, Kleinsasser

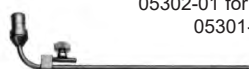
05300-05  
Gelenk  
joint  
articulacion  
giunto



05300-03 - 34 cm, 13.4"  
(Erwachsene/adults/adultos/adulti)

05300-04 - 24 cm, 9 1/2"  
(Kinder/Children/Niños/Bambini)

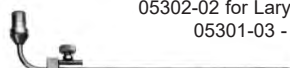
Fiberglas-Lichtträger – Fiberglas-light-guide –  
Portador de luz fria – portatore di luce fredda  
a fibre di vetro



05302-01 for Laryngoskope  
05301-01 - 05301-02

05303-01  
Injektionskanüle für Laryngoskope:  
Injection drain tube for Laryngoscopes:  
Canúla de inyeccion para laringoscopios:  
Cannula da iniezione per laringoscopi:

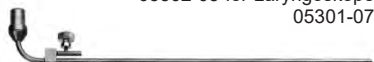
05301-01 - 05301-07  
05301-01 - 05301-07  
05301-01 - 05301-07  
05301-01 - 05301-07



05302-02 for Laryngoskope  
05301-03 - 05301-06

05304-01  
Rauchabsaugrohr für Laryngoskop:  
Suction tube for Laryngoscopes:  
Canúla de succion para laringoscopios:  
Tubo di aspirazione per laringoscopi:

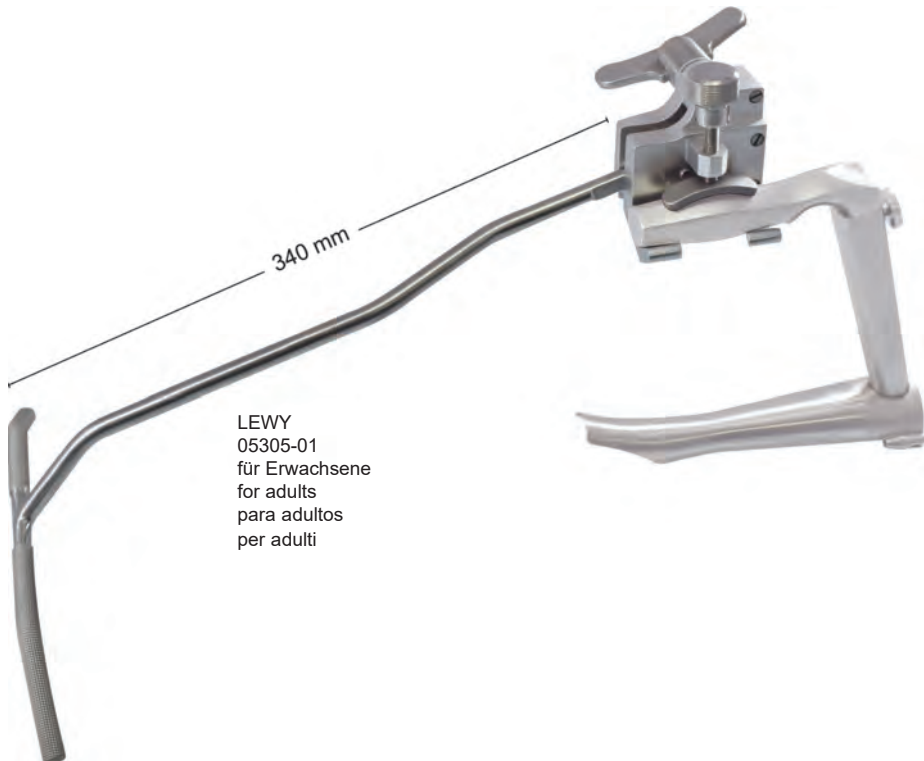
05301-03 - 05301-07  
05301-03 - 05301-07  
05301-03 - 05301-07  
05301-03 - 05301-07



05302-03 for Laryngoskope  
05301-07



Bruststütze, für Operations-Laryngoskop  
Chest Support, for Operation Laryngoscope  
Soporte pectoral para laringoscopios operativo  
Supporto toracico per laringoscopi operativi



05305-02  
Laryngoskope-Handgriff, abnehmbar  
Laryngoscope Handle, detachable  
Mango para laringoscopios, desmontable  
Manico per laringoscopia, staccabile

Verwendung mit  
use with  
utilizar con  
utilizzare con



05305-01  
LEWY Bruststütze für Operations-Laryngoskope  
LEWY Chest Support for Operating Laryngoscope  
Soporte pectoral LEWY para laringoscopios operativo  
Sopporito toracico LEWY per laringoscopia operativo

Skalpell-Griffe  
 Scalpel Handles  
 Mangos de bisturíes  
 Manici per lama bisturi

passend zu den Klängen  
 for blades  
 para las hojas  
 per lama bisturi

- (A) No. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19  
 (B) No. 20, 21, 22, 23, 24, 25



BARRON  
 07102-00

(A)



07103-00  
 Fig. 3

(A)



07103-01  
 Fig. 3 grad.

(A)



07103-02  
 Fig. 3 L

(A)



Skalpelli-Griffe  
Scalpel Handles  
Mangos de bisturíes  
Manici per lama bisturi



07104-00  
Fig. 4

Ⓑ



07104-02  
Fig. 4 L

Ⓑ



07105-02  
Fig. 4 L

Ⓑ

Skalpell-Griffe  
Scalpel Handles  
Mangos de bisturíes  
Manici per lama bisturi



07106-01  
14,5 cm, 5 3/4"

Ⓐ



07106-02  
14 cm, 5 1/2"

Ⓐ

Skalpell-Griffe  
Scalpel Handles  
Mangos de bisturíes  
Manici per lama bisturi



07107-00  
16,5 cm, 6 1/2"  
Fig. 7  
Ⓐ



07107-01  
12 cm, 4 3/4"  
Fig. 7K  
Ⓐ



07107-03  
22,5 cm, 8.9"  
Ⓐ



07107-04  
22,5 cm, 8.9"  
Ⓐ

Skalpell-Griffe  
Scalpel Handles  
Mangos de bisturíes  
Manici per lama bisturi



07108-00  
Fig. 8

Ⓐ



07109-03  
Fig. 3 L

Ⓐ

Skalpell-Griffe  
Scalpel Handles  
Mangos de bisturíes  
Manici per lama bisturi



07109-10 10,0 cm, 4"  
07109-13 13,0 cm, 5"  
07109-15 15,5 cm, 6"



07161-00



07162-00



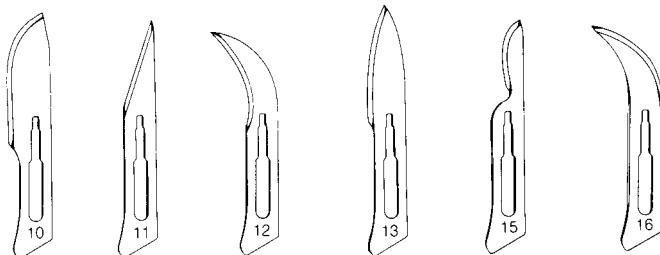
07165-00



07167-00

Packung mit 10 Stück  
box of 10  
en cajas de 10 pzas  
confezione di 10

Skalpelli-Klingen, Steril  
Scalpel Blades, Sterile  
Hojas de bisturí, estéril  
Lame per bisturi, sterili



07110-00

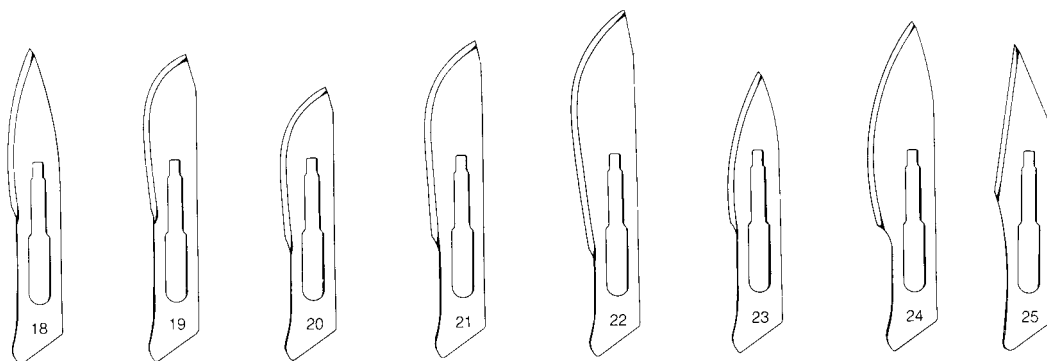
07111-00

07112-00

07113-00

07115-00

07116-00



07118-00

07119-00

07120-00

07121-00

07122-00

07123-00

07124-00

07125-00



Packung mit 100 Stück  
in packages of 100 each  
en cajas de 100 c/u  
confezione di 100 pezzi

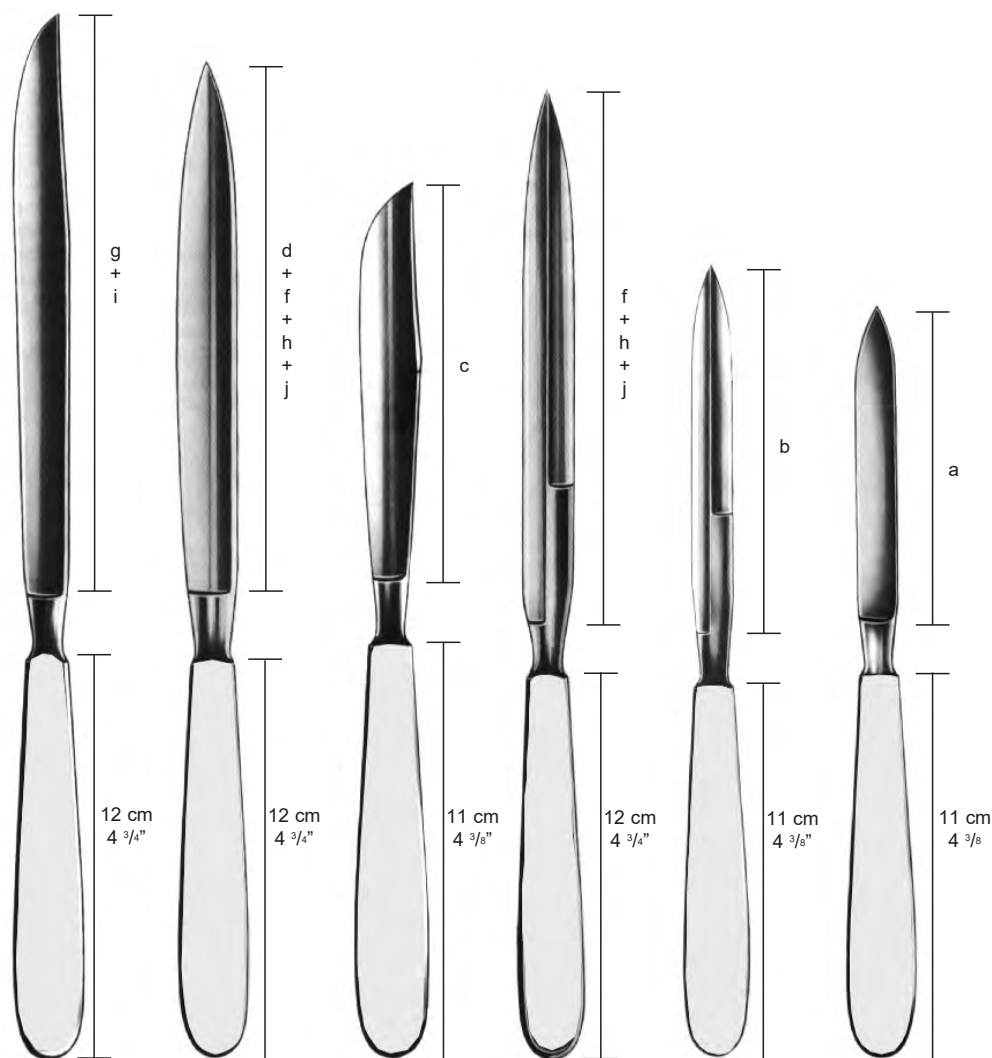
Skalpelli-Klingen-Entferner  
Scalpel Blade Remover  
Quita hojas  
Togli lama



07130-00



Amputationsmesser  
Amputation Knives  
Cuchillos para amputación  
Coltelli per amputazione



LISTON  
07200-17  
07200-20

REDA  
07201-13  
07201-16  
07201-19  
07201-22

LANGEN-  
BECK  
07202-12

CATLIN  
doppelschneidig  
double cutting  
filo doble  
doppio taglio  
07203-16  
07203-19  
07203-22

07204-11  
Zwischenknochen-  
messer doppel-  
schneidig  
Inerosseous knife  
double cutting  
Cuchillo interóseo  
filo doble  
Coltello interosseo  
doppio taglio

07205-09  
Phalangen-  
messer  
Phalangeal knife  
Cuchillos para  
falanges  
Coltello per falangi

Schnittlänge  
Length of blades  
Largo de hojas  
Lunghezza delle lame

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| a - 9,5 cm  | c - 12,0 cm | g - 17,0 cm | i - 20,0 cm |
| b - 11,0 cm | d - 13,0 cm | h - 19,0 cm | j - 22,0 cm |
| a - 3 3/4"  | c - 4 3/4"  | g - 6 3/4"  | i - 8"      |
| b - 4 3/8"  | d - 5"      | h - 7 1/2"  | j - 8 3/4"  |
| f - 6 1/4"  |             |             |             |



Klingenbrecher, Rasierklingen  
 Blade Breakers, Razor Blades  
 Rompe-hojas, hojas de afeitar  
 Lama di rasoio, Rompilamette



TROUTMAN-CHRIS  
 07290-09 9 cm, 3 1/2"



REDA  
 07291-11 11 cm, 4 3/8"



CASTROVIEJO  
 07294-13 13 cm, 5 1/8"



07296-00

Packung = 10 Stück  
 package = 10 each  
 caja = 10 c/u  
 confezione = 10 pezzi

Skalpelle mit Metallheft  
 Scalpels with Metal Handle  
 Bisturíes, mango metálico  
 Bisturi, manico di metallo



Fig. 1  
 07402-01  
 15 cm, 6"  
 30 mm, 1.2"



Fig. 2  
 07402-02  
 15 cm, 6"  
 36 mm, 1.4"



Fig. 3  
 07402-03  
 15,5 cm, 6"  
 40 mm, 1 1/2"



Fig. 4  
 07402-04  
 16 cm, 6 1/4"  
 45 mm, 1 3/4"



Fig. 5  
 07402-05  
 16 cm, 6 1/4"  
 50 mm, 2"



Fig. 6  
 07402-06  
 15 cm, 6"  
 27 mm, 1"



Fig. 7  
 07402-07  
 15 cm, 6"  
 35 mm, 1.4"



Fig. 8  
 07402-08  
 16 cm, 6 1/4"  
 40 mm, 1 1/2"



Fig. 9  
 07402-09  
 16 cm, 6 1/4"  
 47 mm, 1.9"



Fig. 10  
 07402-10  
 17 cm, 6 3/4"  
 50 mm, 2"

Resektions- und Knorpelmesser  
Resection and Cartilage Knives  
Cuchillos para resección/cartilagos  
Coltelli per resezione e cartilagini



19 cm, 7 1/2"

07403-01

Metallheft  
metal handle  
mango metálico  
manico di metallo



19 cm, 7 1/2"

07403-02

Holzheft  
wooden handle  
mango de madera  
manico in legno



18 cm, 7"

LANGENBECK  
07410-05



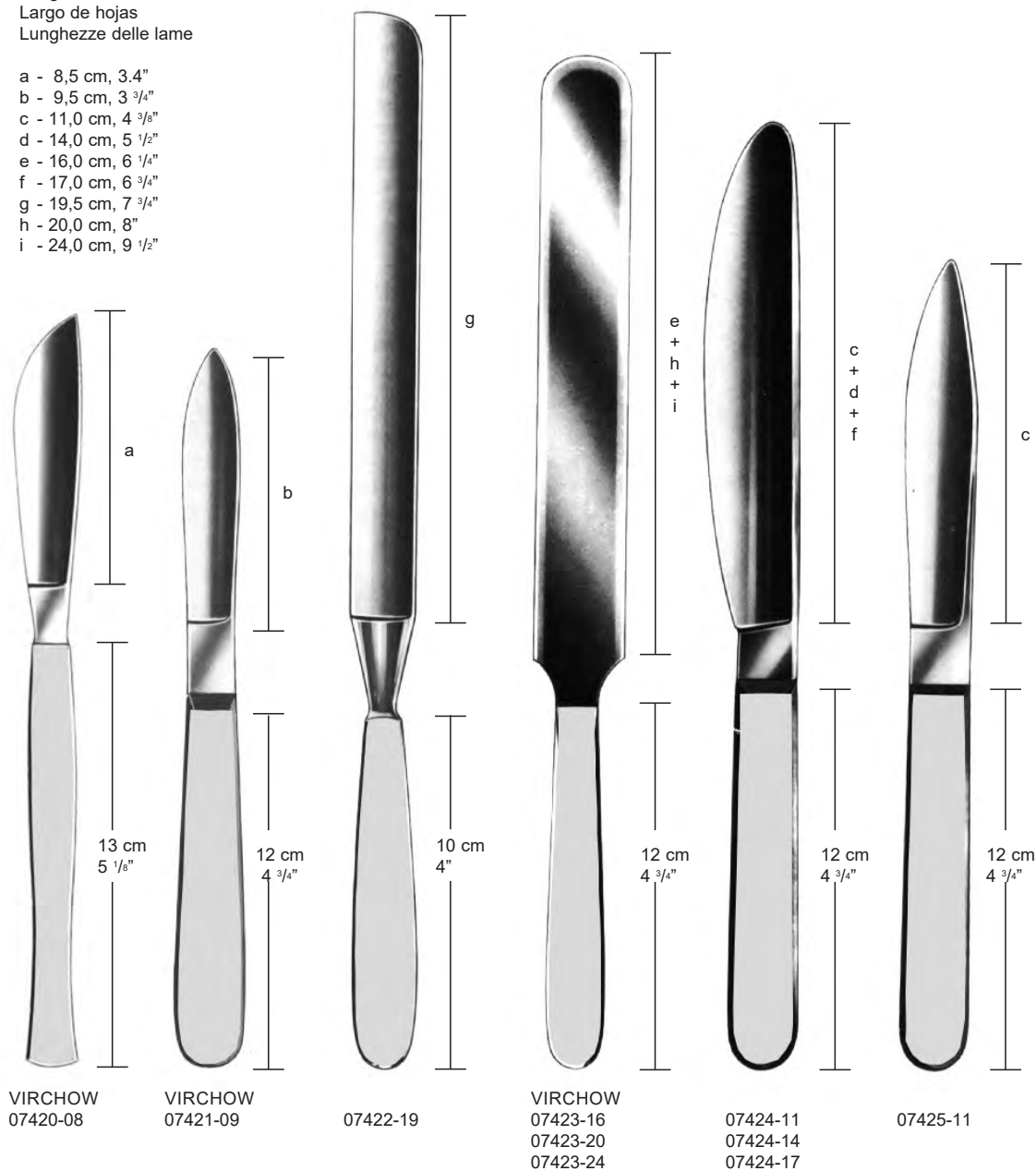
18 cm, 7"

LANGENBECK  
07412-05

Sezier-, Hirn- und Organmesser  
Autopsy- Brain- and Post mortem knives  
Cuchillos para autopsia- cerebro- órganos  
Coltelli per cartilagini- cervello e organi

Schnittlänge  
Length of blades  
Largo de hojas  
Lunghezze delle lame

- a - 8,5 cm, 3.4"
- b - 9,5 cm, 3 3/4"
- c - 11,0 cm, 4 3/8"
- d - 14,0 cm, 5 1/2"
- e - 16,0 cm, 6 1/4"
- f - 17,0 cm, 6 3/4"
- g - 19,5 cm, 7 3/4"
- h - 20,0 cm, 8"
- i - 24,0 cm, 9 1/2"



Dermatome, Rasiermesser  
Dermatome, Razor  
Dermátomo, Navajas  
Dermatomo, Rasoio

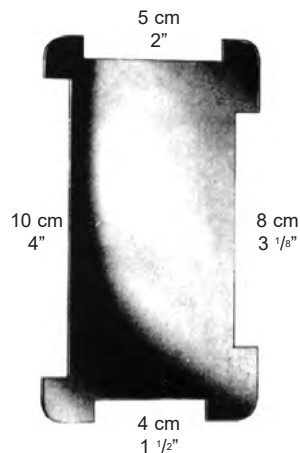


SCHINK  
07490-00  
30 cm, 11 3/4"  
0,1 - 2 mm  
compl.  
mit/with/con  
07490-01 (1) Stk./ pcs / pzas  
07490-02 (2) Stk./ pcs / pzas



07490-01  
10 cm, 4"

Ersatzklinge  
Spare blade  
Hoja de repuesto  
Lama di ricambio per dermatomo



07490-02

Spannplatte  
Skin straightening plate  
Placa para extender la piel  
Placca per stendipelle

Dermatome  
Dermatome  
Dermátomo  
Dermatomo



07496-31  
Ersatzklingen Spare blades  
Hoja de repuesto  
Lame di ricambio

**HUMBY**  
07495-31 31 cm, 12 1/4"  
0,1 - 1,5 mm  
mit 1 Klinge  
with 1 blade  
con 1 hoja  
con 1 lama

für handelsübliche Rasierklingen  
for usual razor blades  
para hojas de afeitar usuales  
per lamette da barba normali



07296-00  
Ersatzklingen  
Spare blades  
Hoja de repuesto  
Lame di ricambio

**SILVER**  
07498-00 19 cm, 7 1/2"  
mit 1 Klinge  
with 1 blade  
con 1 hoja  
con 1 lama



07499-01  
Ersatzklingen  
Spare blades  
Hoja de repuesto  
Lame di ricambio

**WATSON**  
07499-00 30 cm, 11 3/4"  
0,1 - 1,5 mm  
mit 1 Klinge  
with 1 blade  
con 1 hoja  
con 1 lama

Chirurgische Scheren  
Operating Scissors  
Tijeras para cirugía  
Forbici per chirurgia



STANDARD

09102-11 11,5 cm, 4½"  
09102-13 13,0 cm, 5"  
09102-14 14,5 cm, 5¾"

09104-14 TC

09102-15 15,5 cm, 6"  
09102-16 16,5 cm, 6½"  
09102-18 18,5 cm, 7¼"  
09102-20 20,0 cm, 8"



STANDARD

09110-11 11,5 cm, 4½"  
09110-13 13,0 cm, 5"  
09110-14 14,5 cm, 5¾"

09114-14 TC

09110-15 15,5 cm, 6"  
09110-16 16,5 cm, 6½"  
09110-18 18,5 cm, 7¼"  
09110-20 20,0 cm, 8"



STANDARD

09120-11 11,5 cm, 4½"  
09120-13 13,0 cm, 5"  
09120-14 14,5 cm, 5¾"

09124-14 TC

09120-15 15,5 cm, 6"  
09120-16 16,5 cm, 6½"  
09120-18 18,5 cm, 7¼"  
09120-20 20,0 cm, 8"



STANDARD

09103-11 11,5 cm, 4½"  
09103-13 13,0 cm, 5"  
09103-14 14,5 cm, 5¾"

09105-14 TC

09103-15 15,5 cm, 6"  
09103-16 16,5 cm, 6½"  
09103-18 18,5 cm, 7¼"  
09103-20 20,0 cm, 8"



STANDARD

09111-11 11,5 cm, 4½"  
09111-13 13,0 cm, 5"  
09111-14 14,5 cm, 5¾"

09115-14 TC

09111-15 15,5 cm, 6"  
09111-16 16,5 cm, 6½"  
09111-18 18,5 cm, 7¼"  
09111-20 20,0 cm, 8"



STANDARD

09121-11 11,5 cm, 4½"  
09121-13 13,0 cm, 5"  
09121-14 14,5 cm, 5¾"

09125-14 TC

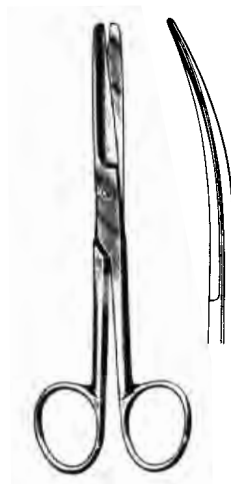
09121-15 15,5 cm, 6"  
09121-16 16,5 cm, 6½"  
09121-18 18,5 cm, 7¼"  
09121-20 20,0 cm, 8"

Chirurgische Scheren  
Operating Scissors  
Tijeras para cirugía  
Forbici per chirurgia



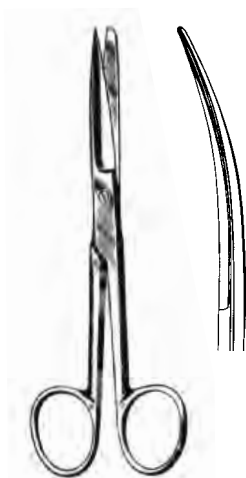
Inzisionsschere  
Incision Scissors  
Tijera de incision  
Forbici per incisione

09128-14  
14 cm, 5½"



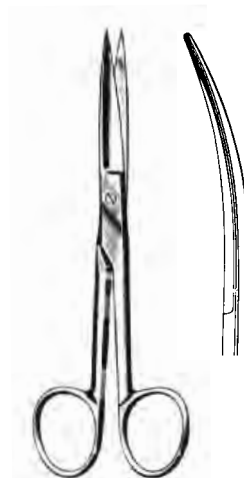
DEAVER

09130-14 14 cm, 5½" 09131-14



DEAVER

09140-14 14 cm, 5½" 09141-14



DEAVER

09150-14 14 cm, 5½" 09151-14



Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione



MAYO

|             |              |             |
|-------------|--------------|-------------|
| 09160-14    | 14,5 cm, 5¼" | 09161-14    |
| 09164-14 TC | 14,5 cm, 5¼" | 09165-14 TC |
| 09160-15    | 15 cm, 6"    | 09161-15    |
| 09160-17    | 17,0 cm, 6¾" | 09161-17    |
| 09164-17 TC | 17,0 cm, 6¾" | 09165-17 TC |
| 09160-19    | 19,0 cm, 7½" | 09161-19    |
| 09160-23    | 23,0 cm, 9"  | 09161-23    |
| 09164-23 TC | 23,0 cm, 9"  | 09165-23 TC |
| 09160-28    | 28,0 cm, 11" | 09161-28    |



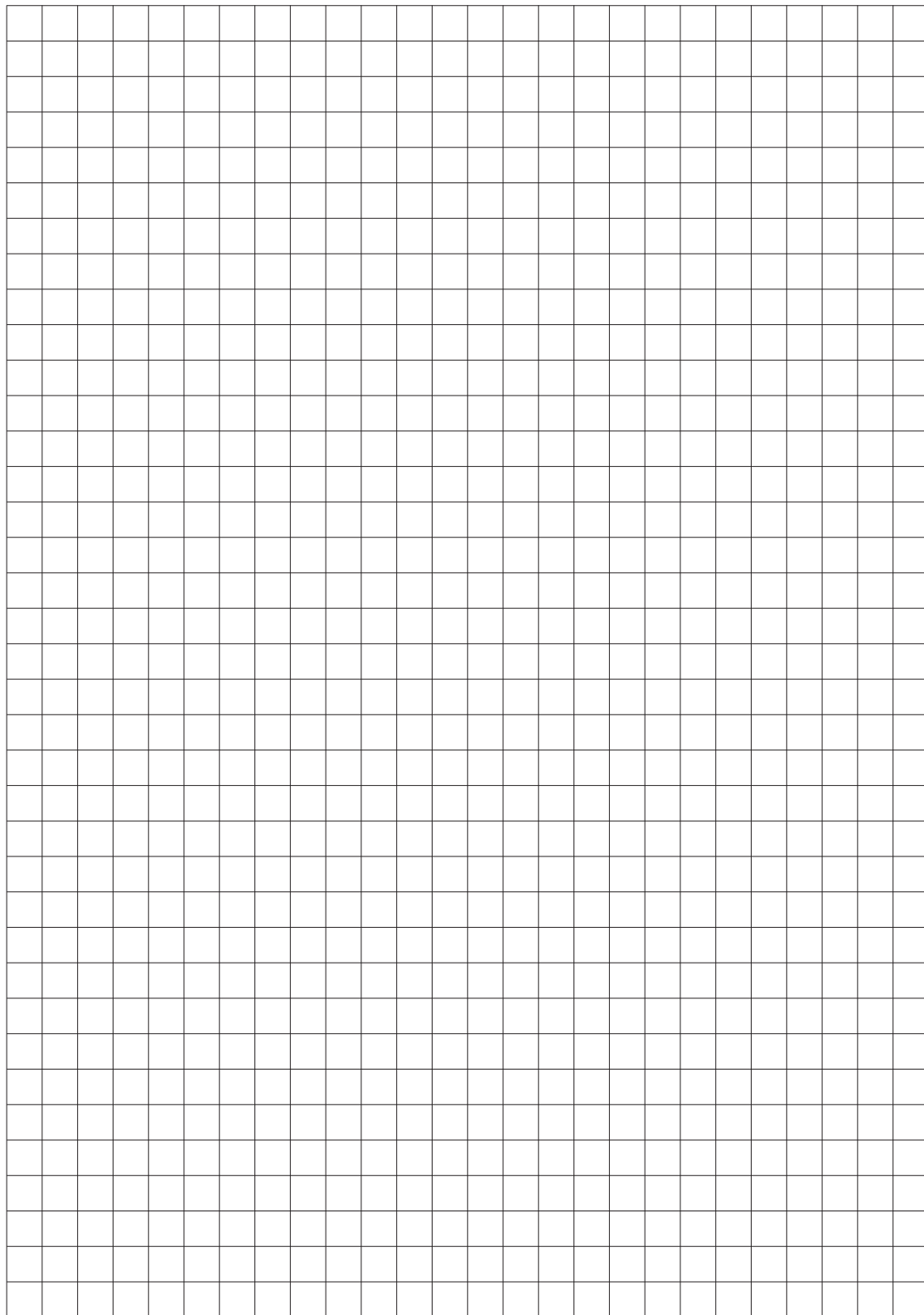
MAYO-STILLE

|             |              |             |
|-------------|--------------|-------------|
| 09170-15    | 15,0 cm, 6"  | 09171-15    |
| 09174-15 TC | 15,0 cm, 6"  | 09175-15 TC |
| 09170-17    | 17,0 cm, 6¾" | 09171-17    |
| 09174-17 TC | 17,0 cm, 6¾" | 09175-17 TC |
| 09170-21    | 21,0 cm, 8¼" | 09171-21    |
| 09174-21 TC | 21,0 cm, 8¼" | 09175-21 TC |

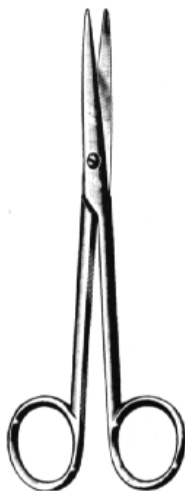


MAYO-NOBLE

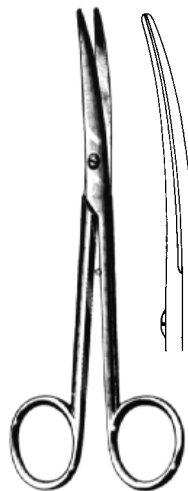
|          |              |          |
|----------|--------------|----------|
| 09180-17 | 17,0 cm, 6¾" | 09181-17 |
|----------|--------------|----------|



Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione



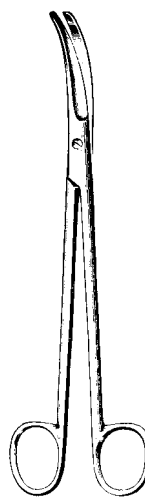
LEXER  
09190-16  
09194-16 TC  
16 cm, 6¼"



LEXER  
09191-16  
09195-16 TC  
16 cm, 6¼"



LEXER BABY  
09202-10 09203-10  
09206-10 TC 09207-10 TC  
10 cm, 4"



JORGENSEN  
09204-22  
22 cm, 8¾"

Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione



**METZENBAUM**  
09280-12 09284-12 TC  
12 cm, 4¾"  
09280-15 09284-15 TC  
15 cm, 6"  
09280-18 09284-18 TC  
18 cm, 7"  
09280-20 09284-20 TC  
20 cm, 8"  
09280-23 09284-23 TC  
23 cm, 9"  
09280-25 09284-25 TC  
25 cm, 10"  
09280-28 09284-28 TC  
28 cm, 11"  
09280-30 09284-30 TC  
30 cm, 12"



**METZENBAUM**  
09281-12 09285-12 TC  
12 cm, 4¾"  
09281-15 09285-15 TC  
15 cm, 6"  
09281-18 09285-18 TC  
18 cm, 7"  
09281-20 09285-20 TC  
20 cm, 8"  
09281-23 09285-23 TC  
23 cm, 9"  
09281-25 09285-25 TC  
25 cm, 10"  
09281-28 09285-28 TC  
28 cm, 11"  
09281-30 09285-30 TC  
30 cm, 12"



**METZENBAUM FINO**  
09282-15 09286-15 TC  
15 cm, 6"  
09282-18 09286-18 TC  
18 cm, 7"  
09282-20 09286-20 TC  
20 cm, 8"  
09282-23 09286-23 TC  
23 cm, 9"  
09282-25 09286-25 TC  
25 cm, 10"  
09282-28 09286-28 TC  
28 cm, 11"



**METZENBAUM FINO**  
09283-15 09287-15 TC  
15 cm, 6"  
09283-18 09287-18 TC  
18 cm, 7"  
09283-20 09287-20 TC  
20 cm, 8"  
09283-23 09287-23 TC  
23 cm, 9"  
09283-25 09287-25 TC  
25 cm, 10"  
09283-28 09287-28 TC  
28 cm, 11"

Präparierschere, Kapselschere  
Dissecting Scissors, Capsula Scissors  
Tijeras de disección, Tijera p. cápsula  
Forbici per dissezione, Forbici per capsula



WELLER  
09289-28  
28 cm, 11"



RESANO  
09290-25  
25 cm, 10"

Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione

# **NOIR**



METZENBAUM



09281-15B  
14,5 cm, 5¾"



09281-18B  
18 cm, 7"



09281-20B  
20 cm, 8"



09283-18B  
18 cm, 7"

fein  
delicate  
fina  
delicate



09283-20B  
20 cm, 8"

fein  
delicate  
fina  
delicate

Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione

**NOIR**

Wellenschliff  
Wave cut  
Corte de onda  
Taglio a onda



METZENBAUM



09285-15W  
14,5 cm, 5¾"



09285-18W  
18 cm, 7"



09285-20W  
20 cm, 8"

Präparierscheren, Ligaturscheren  
 Dissecting Scissors, Ligature Scissors  
 Tijeras de disección, Tijeras para ligaduras  
 Forbici per dissezione, Forbici per legature



METZENBAUM "S"

|          |           |             |
|----------|-----------|-------------|
| 09291-18 | 18 cm, 7" | 09295-18 TC |
| 09291-20 | 18 cm, 7" | 09295-20 TC |
| 09291-23 | 23 cm, 9" | 09295-23 TC |

**Wellenschliff - wave cut**



09296-15 TC  
 14,5 cm, 5¾"



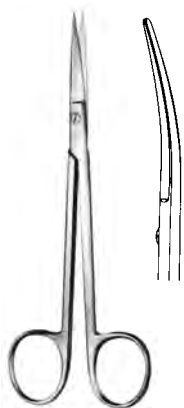
09296-18 TC  
 18 cm, 7"



09296-23 TC  
 23 cm, 9"



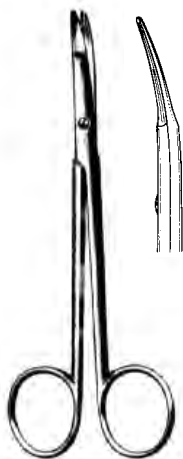
Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione



SANVENERO  
09302-14 14 cm 09303-14  
5½"



JOSEPH  
09304-14 14 cm 09305-14  
5½"



KILNER  
09310-12 12 cm 09314-12 TC  
09310-15 15 cm  
09312-12 12 cm gerade/straight/recta/retta



REYNOLDS  
09320-15 15 cm 09321-15  
09321-18  
09325-15 TC

Chirurgische Scheren, fein  
 Operating Scissors, fine  
 Tijeras para cirugía, finas  
 Forbici per chirurgia, fine



IRIS



09340-09 9 cm  
 09340-10 10 cm  
 09340-11 11 cm

09344-11 TC

gerade  
 straight  
 rectas  
 rette

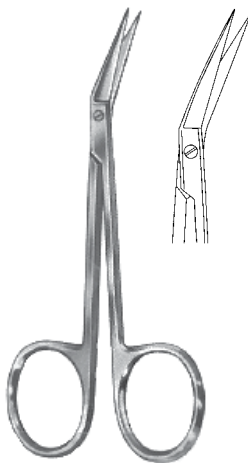


09341-09  
 09341-10  
 09341-11

09345-11 TC

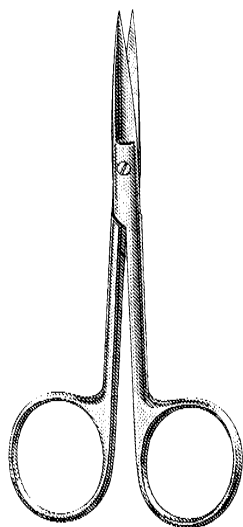
gebogen  
 curved  
 curvas  
 curve

abgewinkelt  
 angled  
 angulada  
 angolata

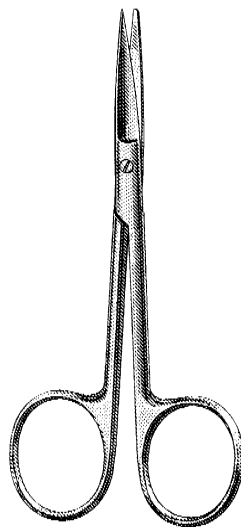


IRIS  
 09346-11  
 11 cm, 4 $\frac{3}{8}$ "

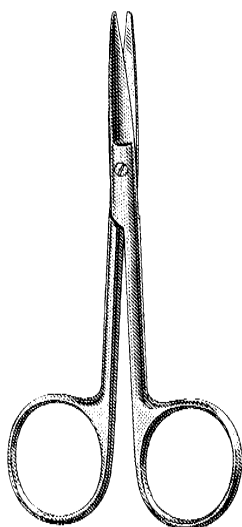
Chirurgische Scheren, Präparierscheren  
 Operating Scissors, Dissecting Scissors  
 Tijeras para cirugía, Tijeras de disección  
 Forbici per chirurgia, Forbici per dissezione



KNAPP  
 10 cm, 4"  
 09348-01 09348-02



KNAPP  
 10 cm, 4"  
 09348-03 09348-04

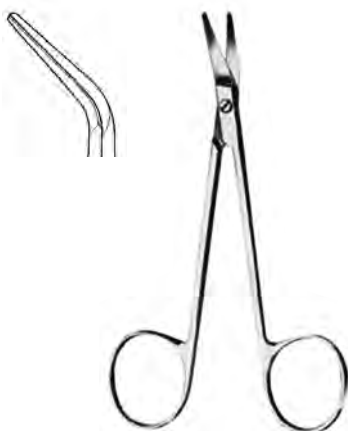


KNAPP  
 10 cm, 4"  
 09348-05 09348-06



LITTLER  
 09349-12  
 12 cm, 4 3/4"

Präparierscheren, feines Modell  
Dissecting Scissors, fine pattern  
Tijeras de disección, finas  
Forbici per preparazione, modello fino

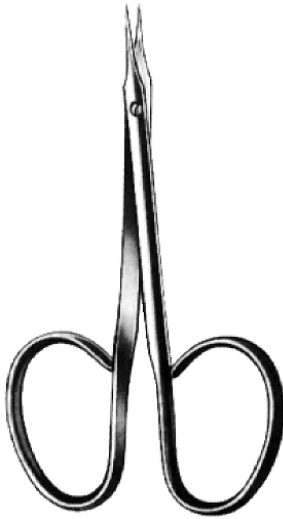


GRAEFE  
09350-10  
10 cm, 4"

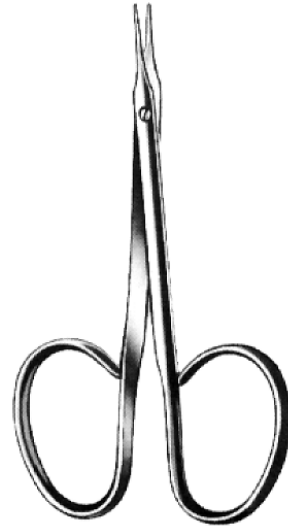


COTTLE  
09358-11  
11,5 cm, 4½"

Präparierscheren, feines Modell  
 Dissecting Scissors, fine pattern  
 Tijeras de disección, finas  
 Forbici per preparazione, modello fino



— GRADLE —  
 09350-09 9,5 cm, 3 $\frac{3}{4}$ " 09351-09



— —  
 09352-09 9,5 cm, 3 $\frac{3}{4}$ " 09353-09



— —  
 09354-10 10 cm, 4" 09355-10



— —  
 09356-10 10 cm, 4" 09357-10

Scheren  
Scissors  
Tijeras  
Forbici

Sehnenscheren  
Tendon Scissors  
Tijeras para tendones  
Forbici per tenotomia



STEVENS  
11 cm, 4 $\frac{3}{8}$ "



09360-11 09361-11



09362-11 09363-11

Enukleationsschere  
Enucleation Scissors  
Tijera para enucleación  
Forbici per enucleazione



LANDOLT  
09381-11  
12 cm, 4 $\frac{3}{4}$ "

Nasenscheren - Nasal Scissors - Tijeras nasales - Forbici nasali



— STRABISMUS —  
09370-11 09371-11  
09374-11 TC 09375-11 TC  
11 cm, 4 $\frac{3}{8}$ "



HEYMANN  
09401-18  
18 cm, 7"

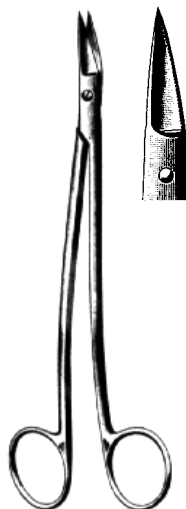


FOMON  
09403-15  
15 cm, 6"

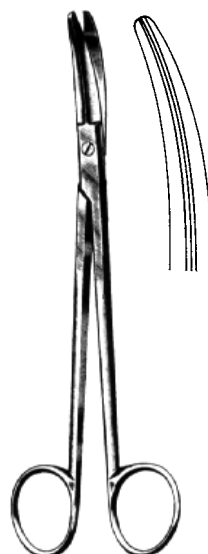
Tonsillen-, Gefäßscheren  
Tonsil, Vascular Scissors  
Tijeras amígdalas y vasculares  
Forbici per tonsilli e vascolari



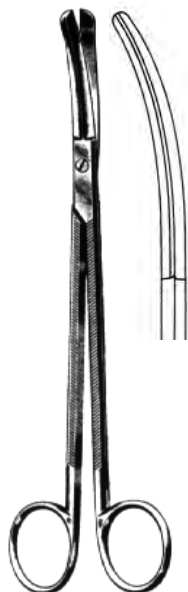
COTTLE  
09405-16  
**09406-16 TC**  
16 cm, 6 1/4"



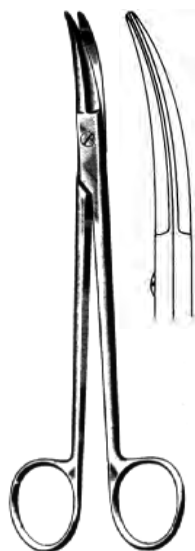
DEAN  
09425-17 09427-17  
17 cm, 6 3/4"



BOETTCHER  
09435-18  
18 cm, 7"



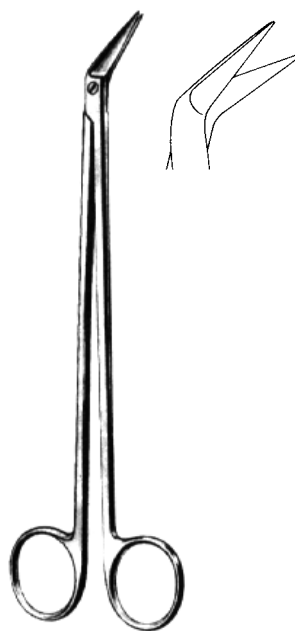
GOOD  
09437-19  
19 cm, 7 1/2"



PRINCE  
09439-17  
17 cm, 6 3/4"



09470-11  
11 cm, 4 3/8"

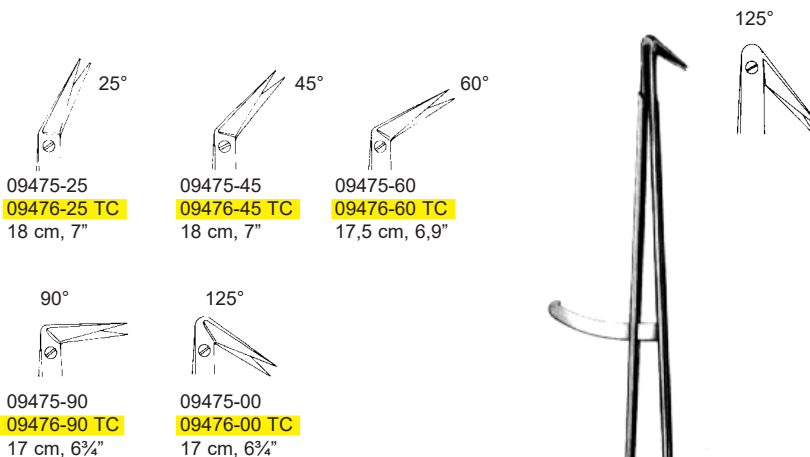


POTTS-DE MARTEL  
09473-21  
21 cm, 8 1/4"

Scheren, Thorax und Gefäße  
Scissors, thorax and vascular  
Tijeras, torácicas y vasculares  
Forbici vascolari e toraciche



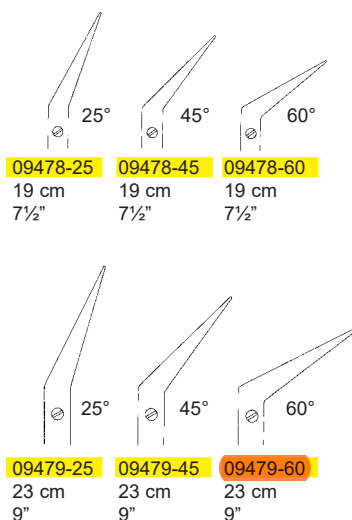
DIETRICH  
09475-25 – 09475-00



DIETRICH  
09477-01  
17 cm, 6¾"

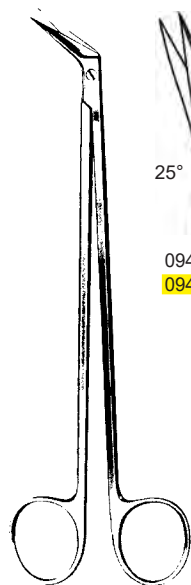


DE BAKEY  
(POTTS-SMITH)

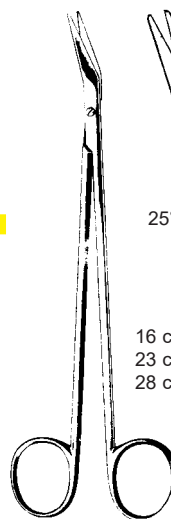
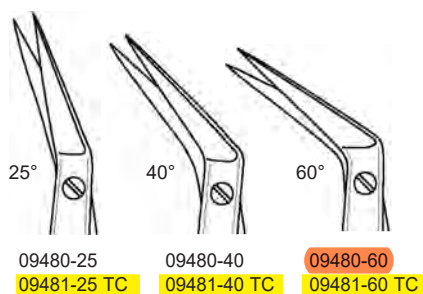




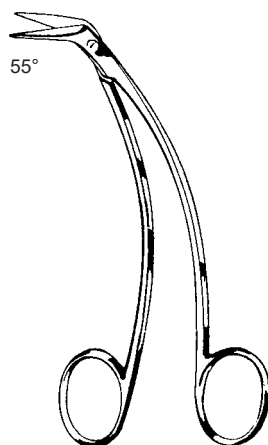
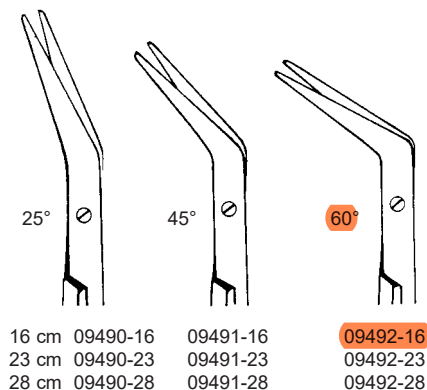
Gefäßscheren  
Vascular Scissors  
Tijeras vasculares  
Forbici vascolari



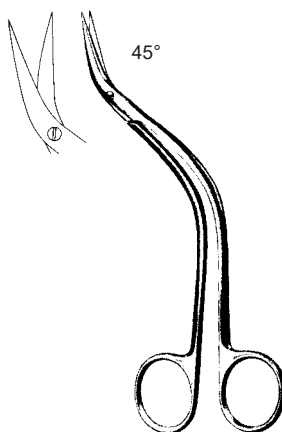
POTTS-SMITH  
19 cm, 7½"



DE BAKEY



FAVALORO  
09496-15 15 cm, 6"

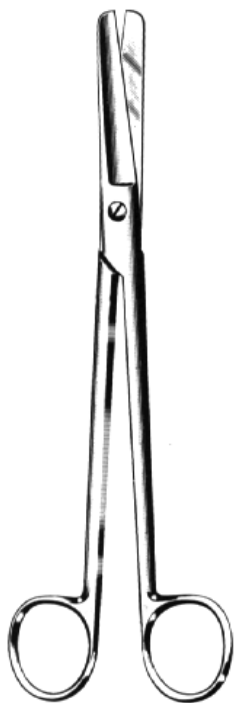


DE BAKEY  
09497-15 15,5 cm, 6"



KELLY  
09540-16 09541-16  
09542-16 TC 09543-16 TC  
16 cm, 6¼"

Gynäkologische Scheren  
Gynecological Scissors  
Tijeras ginecológicas  
Forbici ginecologiche



SIMS

|             |           |             |
|-------------|-----------|-------------|
| 09510-20    | 18 cm, 7" | 09511-20    |
| 09510-23    | 23 cm, 9" | 09511-23    |
| 09516-23 TC | 23 cm, 9" | 09517-23 TC |



09512-20  
09512-23



09513-20  
09513-23



09514-20  
09514-23



SIEBOLD

09523-24 24 cm, 9½"

Gynäkologische Scheren  
Gynecological Scissors  
Tijeras ginecológicas  
Forbici ginecologiche

Parametriumscheren - Parametrium scissors - Tijeras para parametrio - Forbici per parametrio



REDA



|             |             |
|-------------|-------------|
| 09505-23 TC | 23 cm, 9"   |
| 09505-26 TC | 26 cm, 10¼" |
| 09505-30 TC | 30 cm, 12"  |



|             |             |
|-------------|-------------|
| 09507-23 TC | 23 cm, 9"   |
| 09507-26 TC | 26 cm, 10¼" |
| 09507-30 TC | 30 cm, 12"  |



WERTHEIM

09525-22 22,5 cm, 8,9"



DOYEN

09530-17 09531-17  
17,5 cm, 6,9"



DUBOIS

09536-27 09537-27  
27 cm, 10½"

Episiotomiescheren, Nabelschnurscheren  
 Episiotomy Scissors, Umbilical Scissors  
 Tijeras para episiotomía, Tijeras umbilicales  
 Forbici per episiotomia, Forbici ombelicali



gezahnt  
 saw edge  
 dentadas  
 dentellata

WALDMANN  
 09548-18  
 18 cm, 7"



U.S.A. Mod.  
 09550-10  
 10,5 cm, 4"



BUSCH  
 09551-16  
 16 cm, 6¼"

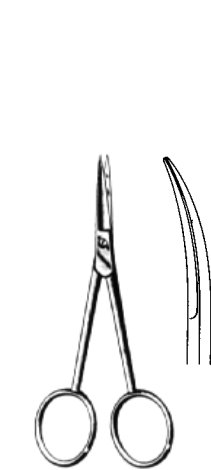


SCHUMACHER  
 09553-16  
 16 cm, 6¼"

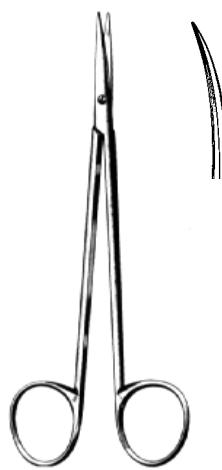


BRAUN-STADLER  
 09560-14 14,5 cm, 5¾"  
 09560-22 22,0 cm, 8¾"

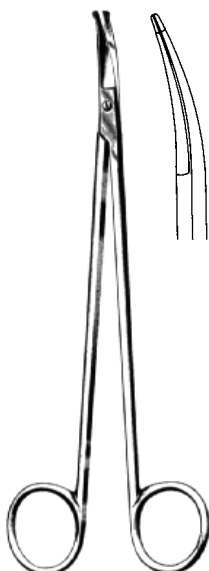
Neurochirurgische Scheren, Gefäßschere, Präparierscheren  
 Neurosurgical Scissors, Vascular Scissors, Dissecting Scissors  
 Tijera para neurocirugía, Tijeras vasculares, Tijeras de disección  
 Forbici per neurochirurgia, Forbici vascolari, Forbici per preparazione



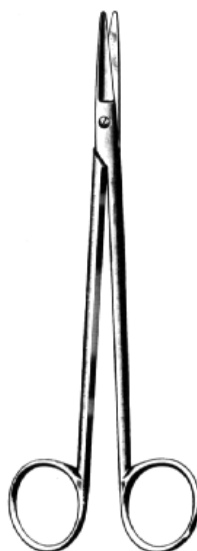
09580-11 09581-11  
 11 cm, 4 $\frac{3}{8}$ "



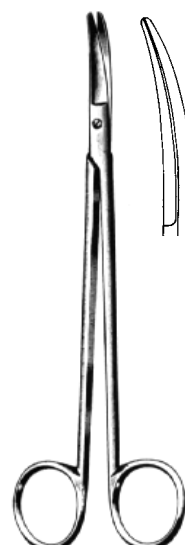
09582-15 09583-15  
 15 cm, 6"



STRULLY  
 09601-22  
 22 cm, 8 $\frac{3}{4}$ "



TOENNIS-ADSON  
 09610-18  
**09610-18 TC**  
 18 cm, 7"



TOENNIS-ADSON  
 09611-18  
**09611-18 TC**  
 18 cm, 7"

Knorpelscheren, Nasenschere, Gefäßscheren  
 Cartilage Scissors, Nasel Scissors, Vascular Scissors  
 Tijeras para cartilago, Tijeras nasales, Tijeras vasculares  
 Forbici per cartilagine, Forbici nasali, Forbici vascolari



gezahnt  
 saw edge  
 dentadas  
 dentellata

MARTIN  
 09613-20  
 18 cm, 7"



McINDOE  
 09614-19  
 19 cm, 7½"

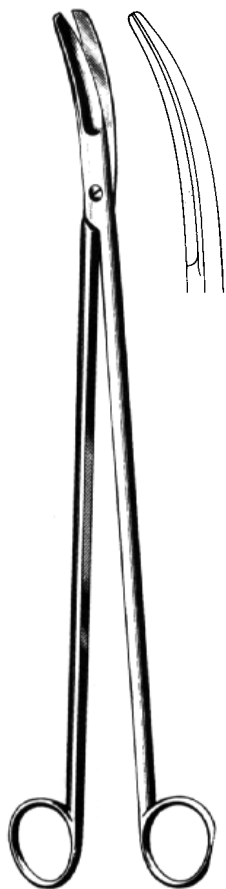


FOMON  
 09617-13  
 13 cm, 5⅞"

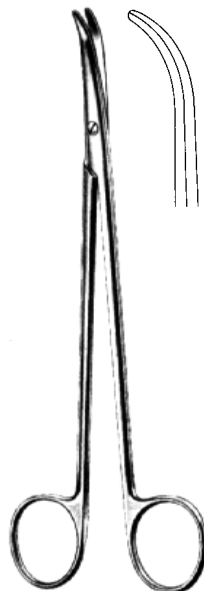


SCHMIEDEN-TAYLOR  
 09619-17  
 17 cm, 6¾"

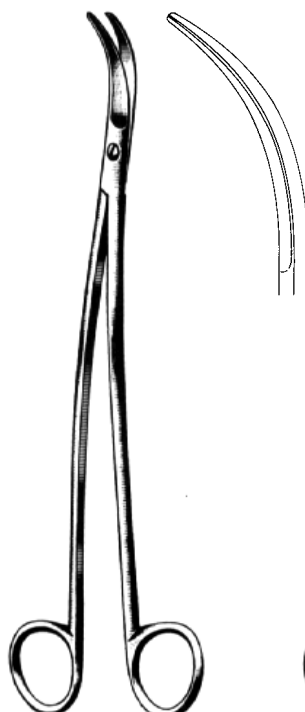
Gefäßscheren, Präparierscheren  
Vascular Scissors, Dissecting Scissors  
Tijeras vasculares, Tijeras de disección  
Forbici vascolari, Forbici per preparazione



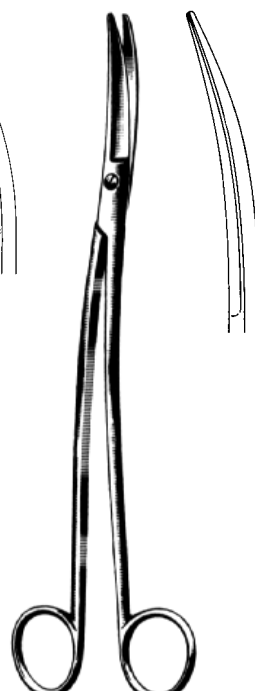
CRAFOORD  
09641-30  
30 cm, 11 $\frac{1}{4}$ "



THOREK  
09643-19 19 cm, 7 $\frac{1}{2}$ "  
09643-25 25 cm, 10"



SATINSKY  
09651-24  
24,5 cm, 9 $\frac{1}{2}$ "



KLINKENBERGH-LOTH  
09661-23  
23 cm, 9"

Darmscheren, Nagelspaltschere, Fadenscheren  
 Enterotomy Scissors, Nail Splitting Scissors, Stitch Scissors  
 Tijeras para intestino, Tijeras para hender uña, Tijeras para hilos  
 Forbici per enterotomia, Forbici per staccare unghie, Forbici per legature



FERGUSSON  
 09770-18  
 18 cm, 7"



09772-21  
 21 cm, 8¼"



09774-21  
 21 cm, 8¼"



— SYSTRUNK —  
 09775-13 09777-13  
 13 cm, 5½"



SPENCER  
 09802-09  
 9 cm, 3½"



SPENCER  
 09802-11  
 11 cm, 4⅜"



NORTHBENT  
 09803-09 9 cm, 3½"  
 09803-13 13 cm, 5½"



LITTAUER  
 09804-14  
 14 cm, 5½"



HEATH  
 09809-15  
 15 cm, 6"

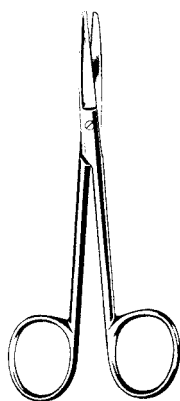


Zahnfleischscheren, feine Scheren, Drahtschere  
 Gum Scissors, Delicate Scissors, Wire Cutting Scissors  
 Tijeras para encías, Tijeras finas, Tijeras para alambre  
 Forbici per gengiva, Forbici delicate, Forbici per filo di metallo

1 Schneide gezahnt  
 1 blade toothed  
 1 hoja dentada  
 1 taglio della lama dentellato



— GOLDMAN-FOX —  
 09820-13 13 cm, 5 1/8" 09821-13



WAGNER  
 12 cm, 4 3/4"

gerade  
 straight  
 rectas  
 rette



Fig. 1  
 09828-12



Fig. 2  
 09826-12



Fig. 3  
 09824-12

gebogen  
 curved  
 curvas  
 curve



Fig. 1  
 09823-12



Fig. 2  
 09829-12



Fig. 3  
 09825-12



QUINBY  
 09827-12 12 cm, 4 3/4"



UNIVERSAL  
 09831-12 12 cm, 4 3/4"  
 09835-12 TC 12 cm, 4 3/4"

Kronenscheren  
Crown Scissors  
Tijeras para coronas  
Forbici per corona



09850-10  
gerade spitz  
straight pointed  
rectas agudas  
rette acute

09851-10  
gebogen spitz  
curved pointed  
curvas agudas  
curve acute

BEEBEE  
10,5 cm, 4"

Zahnfleischscheren  
Gum Scissors  
Tijeras para encias  
Forbici per gengiva



LA GRANGE  
09854-11  
11,5 cm, 4½"



gezahnt  
saw edge  
dentadas  
dentellata

LOCKLIN  
09859-16  
16 cm, 6¼"

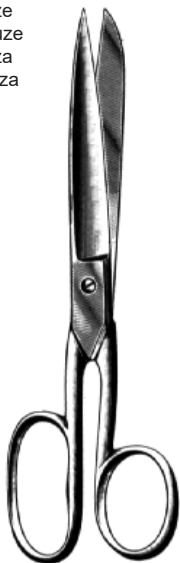


gezahnt  
saw edge  
dentadas  
dentellata

LOCKLIN  
09860-16  
16,5 cm, 6½"

Verbandscheren, Gipsschere  
 Bandage Scissors, Plaster Scissors  
 Tijeras para vendajes, Tijeras para yeso  
 Forbici per bendaggi, Forbici per gesso

Gaze  
 Gauze  
 Gaza  
 Garza



SMITH US ARMY  
 09898-20  
 18 cm, 7"



LISTER  
 9 cm, 3½" 09901-09  
 11 cm, 4¾" 09901-11  
 14 cm, 5½" 09901-14 09905-14 TC  
 18 cm, 7" 09901-18 09905-18 TC  
 18 cm, 7" 09901-20



LISTER  
 09906-18 18 cm, 7"  
 09906-20 18 cm, 7"



BERGMANN  
 09911-23  
 23 cm, 9"

Gipsscheren, Verbandscheren  
Plaster Scissors, Bandage Scissors  
Tijeras para yeso, Tijeras para vendajes  
Forbici per gesso, Forbici per bendaggi



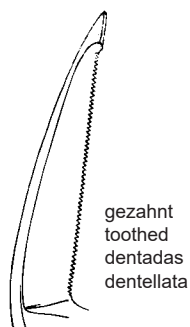
ESMARCH  
09913-20 18 cm, 7"  
09913-22 22 cm, 8¾"



SEUTIN  
09915-23  
23 cm, 9"



REDA EXCENTER  
09921-16 16 cm, 6¼"  
09921-19 19 cm, 7½"



Verbandscheren, Gipsschere  
 Bandage Scissors, Plaster Scissors  
 Tijeras para vendajes, Tijeras para yeso  
 Forbici per bendaggi, Forbici per gesso



KNOWLES  
 09930-14  
 14 cm, 5½"



KNOWLES  
 09931-14  
 14 cm, 5½"



LORENZ  
 09933-23  
 23 cm, 9"



BRUNS  
 09935-23 23 cm, 9" **09939-23 TC**  
 09937-23 23 cm, 9"



09941-20  
 18 cm, 7"

in verschiedenen Farben lieferbar  
 in different colours available  
 en diferentes colores disponibles  
 in differenti colori disponibile



UNIVERSAL  
 09950-15 15 cm, 6"  
 09950-18 18 cm, 7"

Supercut Scheren, gezahnt  
Supercut Scissors, saw edge  
Tijeras Supercut, dentadas  
Forbici Supercut, dentellate



09960-14 09961-14  
14,5 cm, 5¾"



MAYO  
09962-14 14,5 cm 09963-14  
09962-17 17,0 cm 09963-17  
09962-23 23,0 cm 09963-23



MAYO-STILLE  
09964-15 15,0 cm 09965-15  
09964-17 17,0 cm 09965-17



BABY METZENBAUM  
09966-11 09967-11  
11,5 cm, 4½"



METZENBAUM  
09970-14 14,5 cm 09971-14  
09970-18 18,0 cm 09971-18  
09970-20 20,0 cm 09971-20  
09970-23 23,0 cm 09971-23

Supercut Scheren, gezahnt  
 Supercut Scissors, saw edge  
 Tijeras Supercut, dentadas  
 Forbici Supercut, dentellate



IRIS  
 09980-11 09981-11  
 11,5 cm, 4½"



WAGNER  
 09982-12 09983-12  
 12 cm, 4¾"



STEVENS  
 09984-11 09985-11  
 11,5 cm, 4½"



LISTER  
 09990-14 14,5 cm, 5¾"  
 09990-18 18,0 cm, 7"



REYNOLDS  
 09993-15 15 cm, 6"  
 09993-18 18 cm, 7"



KILNER/RAGNELL  
 09995-12 12 cm, 4¾"



Face-Lift-Scheren  
Face-Lift-Scissors  
Tijeras para Face-Lift  
Forbici per Face-Lift



GORNEY  
19 cm, 7½"



10010-19  
10012-19 TC  
10014-19 Supercut



10011-19  
10013-19 TC  
10015-19 Supercut



REES

10018-20 20,5 cm, 8" 10019-20

TC  
10020-17 17,0 cm, 6¾"  
10022-20 20,5 cm, 8" 10021-17  
10023-20

Supercut  
10024-17 17,0 cm, 6¾"  
10026-20 20,5 cm, 8" 10025-17  
10027-20



KAYE



TC  
10028-14 14,5 cm, 5¾" 10029-14  
10030-18 18,5 cm, 7¼" 10031-18  
10032-23 23,0 cm, 9" 10033-23

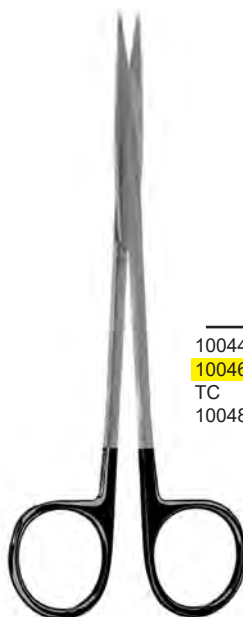
Supercut  
10034-14 14,5 cm, 5¾" 10035-14  
10036-18 18,5 cm, 7¼" 10037-18  
10038-23 23,0 cm, 9" 10039-23

Face-Lift-Scheren  
 Face-Lift-Scissors  
 Tijeras para Face-Lift  
 Forbici per Face-Lift



10041-18 TC  
 10042-18 Supercut

FREEMAN  
 18 cm, 7"



10044-14

10046-14 TC

TC

10048-14 Supercut

10045-14

10047-14 TC

10049-14 Supercut

PECK JOSEPH  
 14,5 cm, 5¾"

Face-Lift-Scheren  
Face-Lift-Scissors  
Tijeras para Face-Lift  
Forbici per Face-Lift



spitz  
pointed  
agudas  
acute



stumpf  
blunt  
romas  
smusse



spitz  
pointed  
agudas  
acute

WESTCOTT  
10102-11  
11 cm, 4 $\frac{3}{8}$ "

WESTCOTT  
10104-11  
11 cm, 4 $\frac{3}{8}$ "

NOYES  
10110-12 10111-12  
12 cm, 4 $\frac{3}{4}$ "



10113-11

spitz  
pointed  
agudas  
acute



10115-11

spitz / stumpf  
pointed / blunt  
agudas / romas  
acute / smusse



10117-11

stumpf  
blunt  
romas  
smusse

WECKER  
11 cm, 4 $\frac{3}{8}$ "



10 mm

BARRAQUER  
10119-10 5,5 cm, 2.2"  
(Colibri)

Mikro-Scheren  
Micro-Scissors  
Micro-Tijeras  
Micro-Forbici



10120-16  
10120-18  
10120-22

16,0 cm, 6¼"  
18,5 cm, 7¼"  
22,5 cm, 8.9"



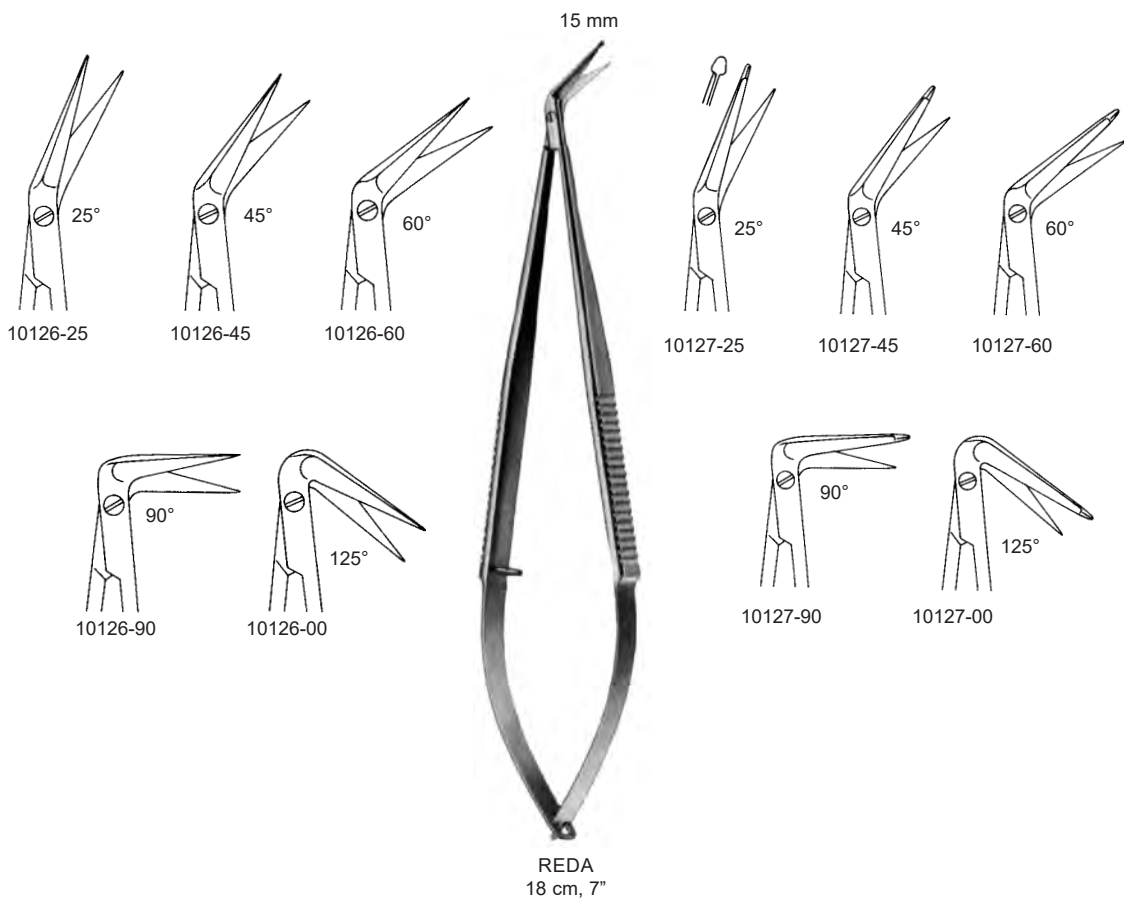
10121-16  
10121-18  
10121-22



16,0 cm, 6¼"  
18,5 cm, 7¼"  
22,5 cm, 8.9"

10123-16  
10123-18  
10123-22

Mikro-Scheren  
Micro-Scissors  
Micro-Tijeras  
Micro-Forbici



Mikro-Scheren  
Micro-Scissors  
Micro-Tijeras  
Micro-Forbici



10128-09  
9 cm, 3½"



10128-15 - 10130-15  
15 cm, 6"

10128-15  
gerade  
straight  
rectas  
rette

10129-15  
gebogen  
curved  
curvas  
curvo

10130-15  
gebogen, 1 Schneide gezahnt  
curved, 1 blade toothed  
curvas, 1 hoja dentada  
curva, 1 lama dentellata

halbscharf  
semi-sharp  
medio roma  
lame semi smusse



HEPP-SCHEIDEL  
10131-14 14 cm, 5½"  
10131-18 18 cm, 7"



HEPP-SCHEIDEL  
10137-01 18 cm, 7"  
spitz  
pointed  
agudas  
acute

HEPP-SCHEIDEL  
10137-02 18 cm, 7"  
stumpf  
blunt  
romas  
smusse

**Iridektomie, Iridectomy, Iridectomia, iridectomia**

Augen-, Mikroscheren  
Ophthalmic, Micro Scissors  
Tijeras oculares, micro tijeras  
Forbici oculistiche, micro chirurg.



CASTROVIEJO  
10133-10 10 cm, 4"



CASTROVIEJO  
10135-10 10 cm, 4"



VANNAS  
10140-08 8 cm, 3 1/8"



VANNAS  
10141-08 8 cm, 3 1/8"



10142-08  
kniegebogen  
angular  
acodada  
angolate



10143-08  
aufgewinkelt  
angled up  
acodada hacia arriba  
angolate verso l'alto

**Hornhautscheren, Corneal scissors, Tijeras corneales, Forbici corneali**



CASTROVIEJO  
10151-11 11 cm, 4 3/8"



CASTROVIEJO  
10153-11 11 cm, 4 3/8"



CASTROVIEJO  
10155-11 11 cm, 4 3/8"

Mikro-Scheren  
Micro-Scissors  
Micro-Tijeras  
Micro-Forbici



— REDA —  
10202-18 - 10203-18  
18 cm, 7"



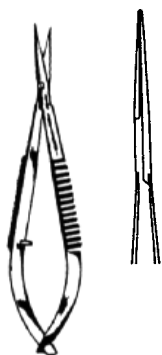
GOMEL



10313-14  
14 cm  
5½"



10313-16  
16 cm  
6¼"



REDA micro  
10320-09  
9 cm, 3½"



REDA  
10330-19 - 10333-19  
18,5 cm, 7¼"



10330-19



10331-19



10333-19



Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche

STANDARD



USA

STILLE

| cm                      |          |          |          |          |
|-------------------------|----------|----------|----------|----------|
| 10,5, 4 $\frac{1}{4}$ " | 11102-10 |          |          |          |
| 11,5, 4 $\frac{1}{2}$ " | 11102-11 |          |          |          |
| 12,0, 4 $\frac{3}{4}$ " |          |          | 11104-12 |          |
| 13,0, 5 $\frac{1}{8}$ " | 11102-13 |          | 11104-13 | 11106-13 |
| 14,5, 5 $\frac{3}{4}$ " | 11102-14 | 11103-14 | 11104-14 |          |
| 15,0, 6"                |          |          | 11104-15 | 11106-15 |
| 16,0, 6 $\frac{3}{4}$ " | 11102-16 |          |          |          |
| 18,0, 7"                | 11102-18 |          | 11104-18 |          |
| 20,0, 8"                | 11102-20 |          |          |          |
| 21,0, 8 $\frac{1}{4}$ " |          |          | 11104-21 |          |
| 25,0, 10"               | 11102-25 |          | 11104-25 |          |
| 30,0, 12"               | 11102-30 |          |          |          |

schmal  
narrow  
estrecha  
stretta



POTTS-SMITH



POTTS-SMITH  
1x2

| cm                     |          |             |          |             |          |
|------------------------|----------|-------------|----------|-------------|----------|
| 11,5 4 $\frac{1}{2}$ " | 11110-11 |             |          |             |          |
| 13,0 5 $\frac{1}{8}$ " | 11110-13 |             |          |             |          |
| 14,5 5 $\frac{3}{4}$ " | 11110-14 | 11114-14 TC |          |             |          |
| 16,0 6 $\frac{1}{4}$ " | 11110-16 | 11114-16 TC |          |             |          |
| 18,0 7"                | 11110-18 |             | 11112-18 | 11116-18 TC | 11126-18 |
| 20,0 8"                | 11110-20 | 11114-20 TC |          |             |          |
| 21,0 8 $\frac{1}{4}$ " |          |             | 11112-21 | 11116-21 TC | 11126-21 |
| 25,0 10"               | 11110-25 | 11114-25 TC | 11112-25 | 11116-25 TC | 11126-25 |
| 30,0 12"               | 11110-30 |             |          |             |          |

Chirurgische Pinzetten  
Tissue Forceps  
Pinzas de disección, con dientes  
Pinze per dissezione, chirurgiche

## STANDARD



1x2



1x2

USA



1x2

STILLE



1x2

schmal  
narrow  
estrecha  
stretta

cm

10,5 4 1/4"

11120-10

11,5 4 1/2"

11120-11

12,0 4 3/4"

11122-12

13,0 5"

11120-13

11122-13

14,5 5 1/4"

11120-14

11122-14

15,0 6"

11124-15

11130-11

15,5 6"

11122-15

11130-13

16,0 6 1/4"

11120-16

11130-16

18,0 7"

11120-18

11122-18

11130-18

20,0 8"

11120-20

11130-20

21,0 8 1/4"

11122-21

25,0 10"

11120-25

11122-25

30,0 12"

11120-30



1x2

OEHLER



2x3



3x4



4x5

cm

11,5 4 1/2"

11140-11

13,0 5"

11140-13

11150-13

11160-13

14,5 5 1/4"

11140-14

11150-14

11160-14

16,0 6"

11132-16 TC

11140-16

11150-16

11160-16

18,0 7"

11132-18 TC

11140-18

20,0 8"

11132-20 TC

11140-20

25,0 10"

11132-25 TC

11140-25

Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche



ADSON  
11170-12 12,0 cm, 4¾"  
11170-15 15,0 cm, 6"  
11170-18 18 cm, 7"



ADSON  
11170-12G 12,0 cm, 4¾"

glattes Maul  
smooth jaws  
boca lisa  
morso liscio



ADSON  
11174-12 TC 12,0 cm, 4¾"  
11174-15 TC 15,0 cm, 6"



ADSON micro  
11176-12 12,0 cm, 4¾"  
11176-15 15,0 cm, 6"



ADSON-DEBAKEY atraumatic  
11177-12  
12,0 cm, 4¾"



ADSON  
11178-12  
12,0 cm, 4¾"

1x2



2x3

ADSON  
11179-12  
12 cm, 4¾"

Anatomische und chirurgische Pinzetten  
 Dressing and Tissue Forceps  
 Pinzas de disección, sin/con dientes  
 Pinze per dissezione, anatomiche/chirurgiche



1x2

ADSON

11180-12 12,0 cm, 4 $\frac{3}{4}$ "  
 11180-15 15,0 cm, 6"  
 11180-18 18,0 cm, 7"



1x2

ADSON

11181-12 TC 12,0 cm, 4 $\frac{3}{4}$ "  
 11181-15 TC 15,0 cm, 6"



1x2

ADSON (micro)

11181-12M TC  
 12 cm, 4 $\frac{3}{4}$ "



1x2

ADSON micro

11186-12 12,0 cm, 4 $\frac{3}{4}$ "  
 11186-15 15,0 cm, 6"



1x2

ADSON

11187-12  
 12 cm, 4 $\frac{3}{4}$ "



7x7

ADSON-BROWN

11188-12 12,0 cm, 4 $\frac{3}{4}$ "  
 11188-15 15,0 cm, 6"  
 11189-12 TC 12,0 cm, 4 $\frac{3}{4}$ "

Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche



**BROWN**  
11189-15 15,0 cm, 6"  
11189-20 20,0 cm, 8"  
11189-25 25,0 cm, 10"



**GRAEFE**  
11190-10 10,5 cm, 4,1"



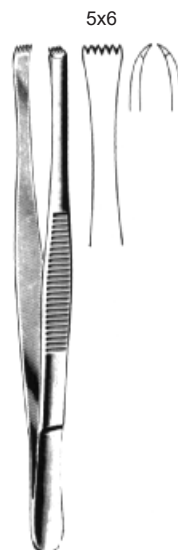
**WAUGH**  
11187-18 18 cm, 7"  
11187-20 18 cm, 7"  
11187-25 25 cm, 10"  
11187-30 30 cm, 11½"



**CUSHING**  
11220-17  
**11224-17 TC**  
17,0 cm, 6¾"



**CUSHING**  
11222-17  
**11225-17 TC**  
17,0 cm, 6¾"



**LERCHE**  
11232-15  
15,0 cm, 6"

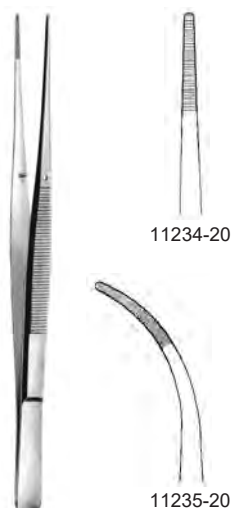
Anatomische und chirurgische Pinzetten, Faßpinzetten  
 Dressing and Tissue Forceps  
 Pinzas de disección, sin/con dientes  
 Pinze per dissezione, chirurgiche/anatomiche



BROPHY  
 11231-20  
 20,0 cm, 8"



BROPHY  
 11233-20  
 20,0 cm, 8"



BROPHY  
 20,0 cm, 8"



ADLERKREUTZ  
 11236-15 15,0 cm, 6"  
 11236-20 20,0 cm, 8"



DUEHRSEN  
 11237-20  
 18 cm, 7"



LANE  
 11240-14  
 14,5 cm, 5¾"



LANE  
 11242-14  
 14,5 cm, 5¾"

Anatomische und chirurgische Pinzetten, Faßpinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche



FERRIS-SMITH  
11246-18  
18,0 cm, 7"



FERRIS-SMITH  
11248-18  
18,0 cm, 7"



DUVAL  
11250-14  
14,5 cm, 5 3/4"



COLLIN-DUVAL  
11252-20  
20,0 cm, 8"



Russ. Mod.  
11256-15 15,0 cm, 6"  
11256-20 20,0 cm, 8"  
11256-25 25,0 cm, 10"



McINDOE  
11257-15  
15,0 cm, 6"



McINDOE  
11258-15 15,0 cm, 6"  
11259-15 TC 15,0 cm, 6"



RESANO  
11259-18 18,0 cm, 7"  
11259-20 20,0 cm, 8"  
11259-23 23,0 cm, 9"

Anatomische und chirurgische Pinzetten  
 Dressing and Tissue Forceps  
 Pinzas de disección, sin/con dientes  
 Pinze per dissezione, chirurgiche/anatomiche



SEMKEN

11260-12 12,5 cm, 5"  
 11260-15 15,5 cm, 6"  
 11261-15 TC 15,5 cm, 6"



1x2

SEMKEN

11270-12 12,5 cm, 5"  
 11270-15 15,5 cm, 6"  
 11271-15 TC 15,5 cm, 6"  
 11271-18 TC 18 cm, 7"



1x2

GILLIES

11272-15 15,5 cm, 6"  
 11273-15 TC 15,5 cm, 6"

11274-06  
0,6 mm11274-08  
0,8 mm11274-10  
1,0 mm

15,5 cm, 6"



GERALD

11302-17 17,5 cm, 6.9"  
 11302-23 23,0 cm, 9"  
 11304-17 TC 17,0 cm, 6 3/4"



GERALD

11303-17 17,5 cm, 6.9"



Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche



GERALD  
11305-17  
17,5 cm, 6.9"



GERALD  
11310-17 17,5 cm, 6.9"  
11312-17 TC 17,5 cm, 6.9"



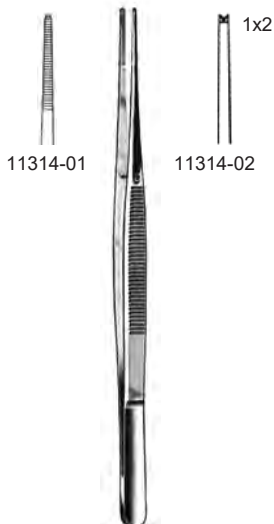
GERALD  
11311-17  
17,5 cm, 6.9"



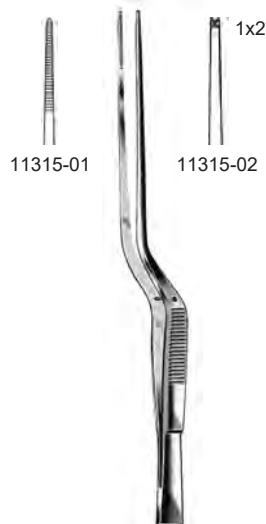
CUSHING-TAYLOR  
11312-18 TC  
18,5 cm, 7 1/4"



GERALD  
11313-17  
17,5 cm, 6.9"

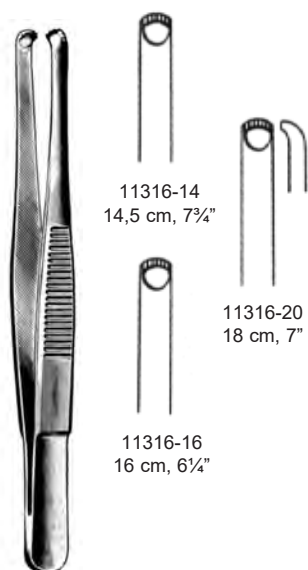


TAYLOR  
17 cm, 6 3/4"



TAYLOR  
17 cm, 6 3/4"

Anatomische und chirurgische Pinzetten  
 Dressing and Tissue Forceps  
 Pinzas de disección, sin/con dientes  
 Pinze per dissezione, chirurgiche/anatomiche

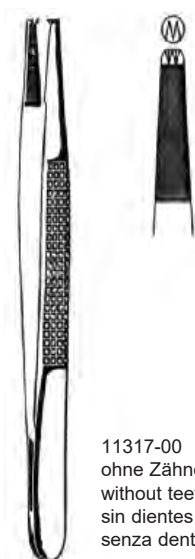


11316-14  
14,5 cm, 7 $\frac{3}{4}$ "

11316-20  
18 cm, 7"

11316-16  
16 cm, 6 $\frac{1}{4}$ "

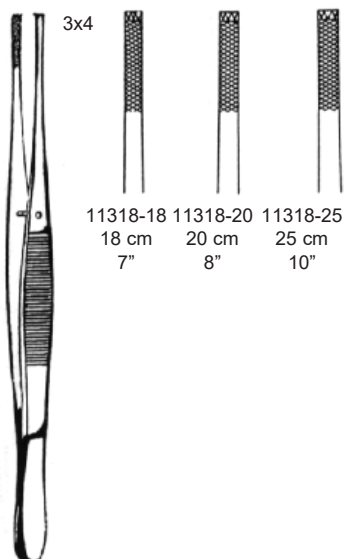
DURANTE



11317-12 1x2  
 11317-23 2x3  
 11319-12 TC 1x2

11317-00  
ohne Zähne  
without teeth  
sin dientes  
senza denti

BONNEY  
18 cm, 7"



3x4

11318-18  
18 cm  
7"

11318-20  
20 cm  
8"

11318-25  
25 cm  
10"

STILLE-BARRAYA



OCHSNER  
11319-14 14,5 cm 5 $\frac{1}{4}$ "



SINGLEY  
11320-18 18 cm, 7"  
11320-23 23 cm, 9"

Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche



NELSON  
11322-15 15 cm, 6"  
11322-18 18 cm, 7"  
11322-23 23 cm, 9"



DENIS-BROWNE  
11323-19  
19 cm, 7½"



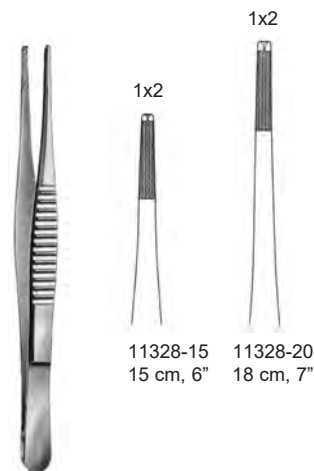
WANGENSTEEN  
11324-23  
23 cm, 9"



WANGENSTEEN



MAYO  
11326-23 23 cm, 9"



STRASSBURGER  
MODELL

Uhrmacherpinzetten  
Jeweler Type Forceps  
Pinzas de relojero  
Pinze da orologiaio

Fig. 1



11401-01  
12 cm, 4 $\frac{3}{4}$ "

Fig. 3



11403-03  
12 cm, 4 $\frac{3}{4}$ "

Fig. 3c



11403-04  
11 cm, 4 $\frac{3}{8}$ "

Fig. 4



11404-04  
11 cm, 4 $\frac{3}{8}$ "

Fig. 5



11405-05  
11 cm, 4 $\frac{3}{8}$ "

Fig. 7



11407-07  
12 cm, 4 $\frac{3}{4}$ "

Splitterpinzetten  
Splinter Forceps  
Pinzas para espinas  
Pinze per schegge



11802-09 9,0 cm, 3½"  
11802-10 10,5 cm, 4.1"  
11802-11 11,5 cm, 4½"



FEILCHENFELD  
11810-07 7,5 cm, 3"  
11810-09 9,0 cm, 3½"  
11810-11 11,5 cm, 4½"



HUNTER  
11812-10  
10,5 cm, 4.1"



HUNTER  
11813-10  
10,5 cm, 4.1"



CARMALT  
11816-10  
10,5 cm, 4.1"



CARMALT  
11817-10  
10,5 cm, 4.1"

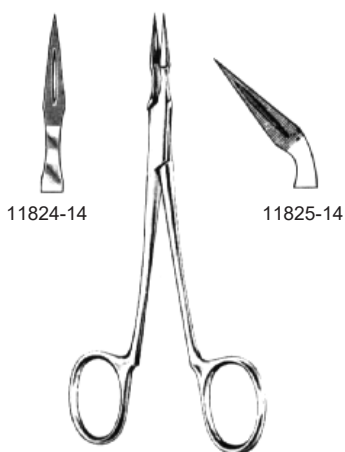
Splitterzangen  
 Splinter Forceps  
 Pinzas para espinas  
 Pinze per schegge



PEET  
 11821-11  
 11,5 cm, 4½"



STIEGLITZ  
 13,5 cm, 5¼"



ARCHER  
 14 cm, 5½"



VIRTUS (RALK)  
 11828-15  
 15 cm, 6"

Zahnpinzetten  
Dental Forceps  
Pinzas dentales  
Pinze dentali



LONDON-COLLEGE  
11900-01  
15 cm, 6"



mit Sperre  
with lock  
con cierre  
con fermo

LONDON-COLLEGE  
11901-05  
15 cm, 6"



MERIAM  
11910-01  
15 cm, 6"

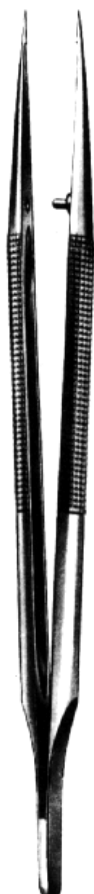
Mikrochirurgie-Pinzetten  
Microsurgery Forceps  
Pinzas para microcirugía  
Pinze per microchirurgia



12102-12  
12 cm, 4¾"



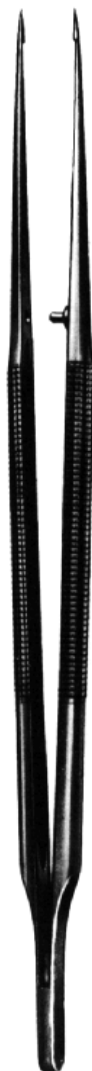
12103-12  
12 cm, 4¾"



12104-15  
15 cm, 6"



12105-15  
15 cm, 6"



12108-18  
18 cm, 7"



12109-18  
18 cm, 7"



Ultra-Light-Pinzetten  
Ultra-Light-Forceps  
Pinzas-Ultra-Ligera  
Pinza-ultra-leggera

1,5 mm



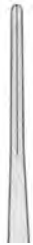
1,5 mm



1,5 mm



1,2 mm



1/1



1/1



1/1



1/1

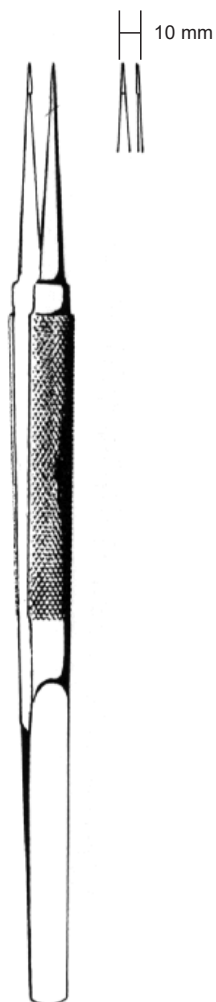
12110-15  
15 cm, 6"

12110-20  
18 cm, 7"

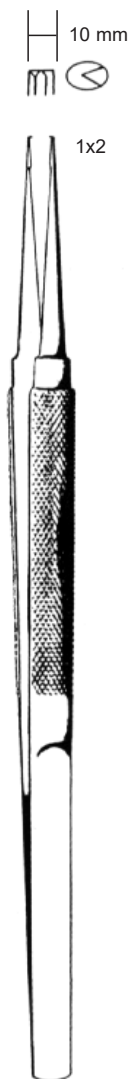
12110-24  
24 cm, 9½"

12110-30  
30 cm, 11¼"

Mikrochirurgie-Pinzetten  
Microsurgery Forceps  
Pinzas para microcirugía  
Pinze per microchirurgia

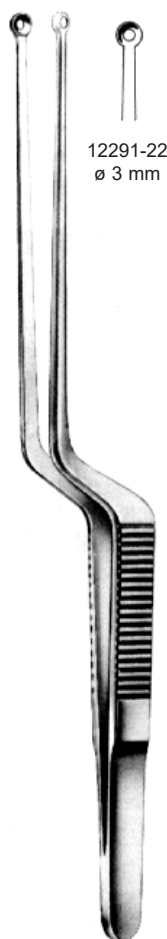


GOMEL  
12200-16  
16 cm, 6 1/4"



GOMEL  
12201-16  
16 cm, 6 1/4"

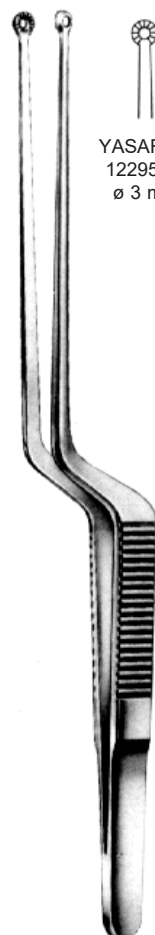
Tumorzinzen  
Tumor forceps  
Pinzas para tumores  
Pinze per tumori



12291-22  
ø 3 mm



12293-22  
ø 5 mm



YASARGIL  
12295-22  
ø 3 mm



HUNT  
12297-22  
ø 5 mm

YASARGIL  
22 cm, 8 3/4"

22 cm, 8 3/4"

Atraumatische Pinzetten  
Atraumatic Tissue Forceps  
Pinzas atraumáticas  
Pinze atraumatiche



1 mm

## DE BAKEY

12302-16 16 cm, 6¼"  
12302-20 18 cm, 7"  
12302-24 24 cm, 9½"



1,5 mm

## DE BAKEY

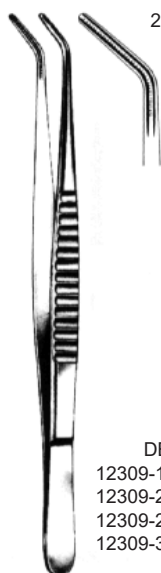
12306-16 16 cm, 6¼"  
12306-20 18 cm, 7"  
12306-24 24 cm, 9½"  
12306-30 30 cm, 11¼"



2,0 mm

## DE BAKEY

12308-16 16 cm, 6¼"  
12308-20 18 cm, 7"  
12308-24 24 cm, 9½"  
12308-30 30 cm, 11¼"



2,0 mm

## DE BAKEY

12309-16 16 cm, 6¼"  
12309-20 18 cm, 7"  
12309-24 24 cm, 9½"  
12309-30 30 cm, 11¼"



2,7 mm

## DE BAKEY

12304-16 16 cm, 6¼"  
12304-20 18 cm, 7"  
12304-24 24 cm, 9½"  
12304-30 30 cm, 11¼"

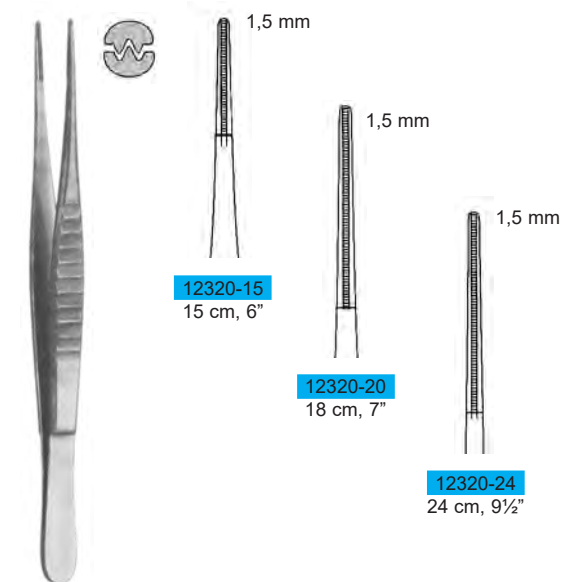


3,5 mm

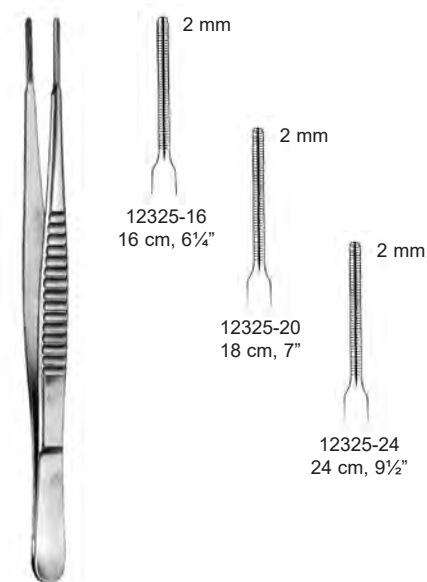
## DE BAKEY

12310-16 16 cm, 6¼"  
12310-20 18 cm, 7"  
12310-24 24 cm, 9½"  
12310-30 30 cm, 11¼"

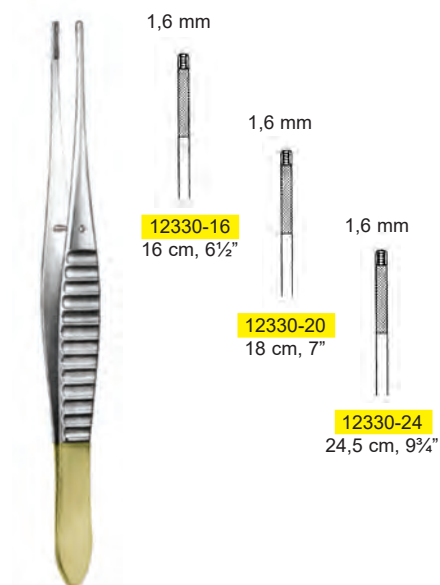
Atraumatische Pinzetten  
Atraumatic Tissue Forceps  
Pinzas atraumáticas  
Pinze atraumatiche



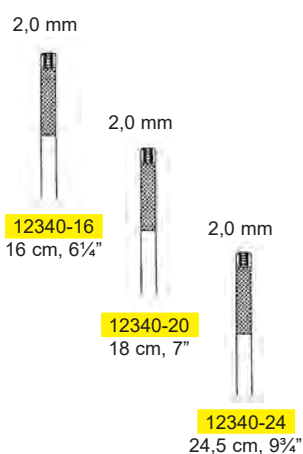
DE BAKEY  
TITAN



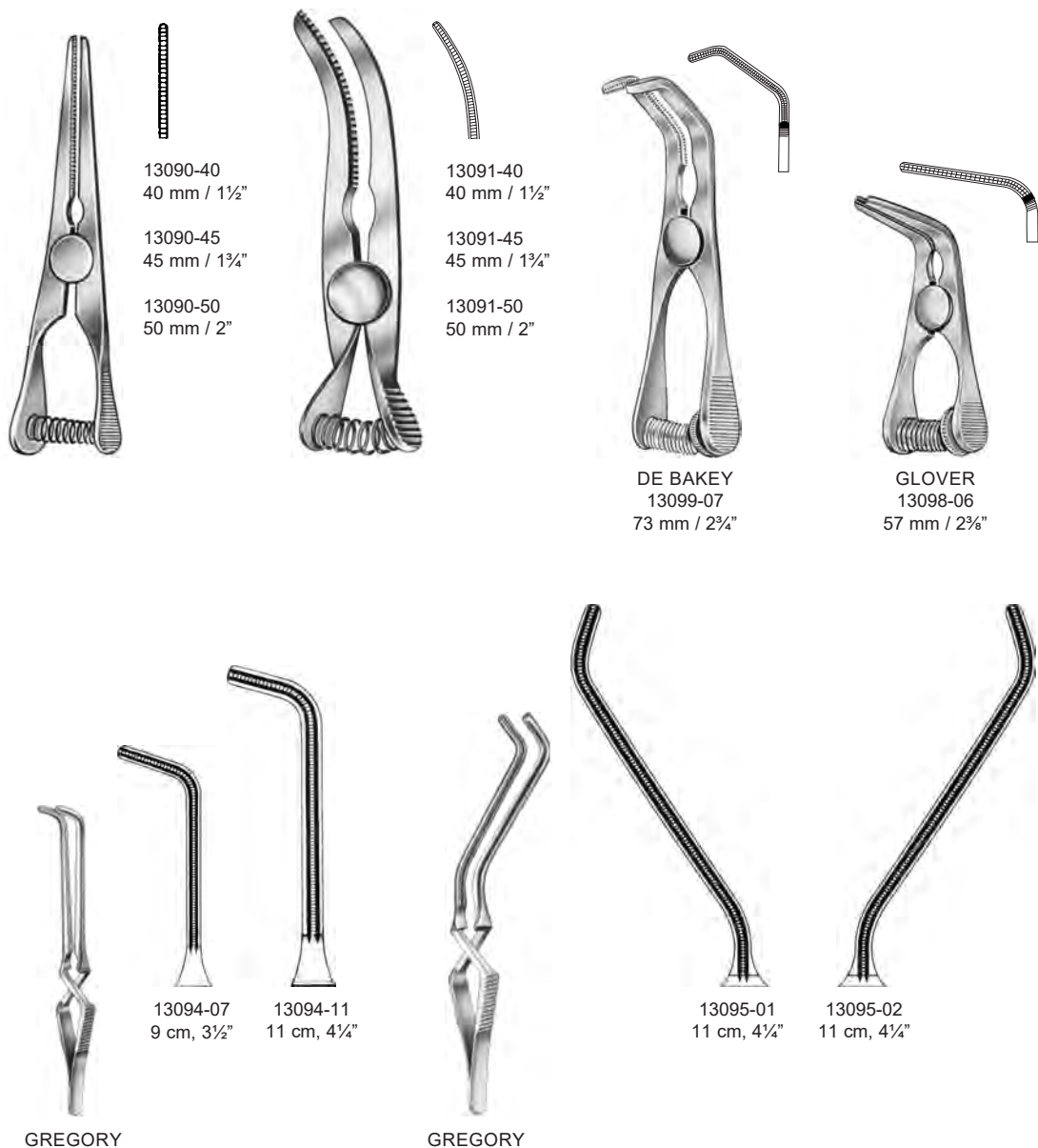
COOLEY



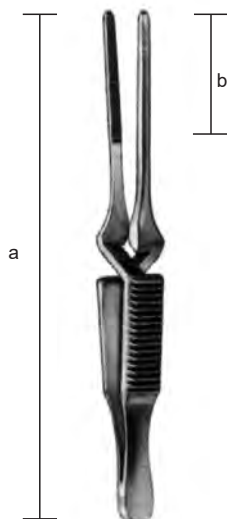
DE BAKEY TC



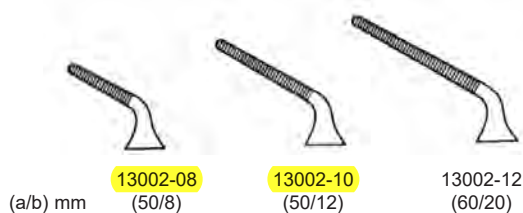
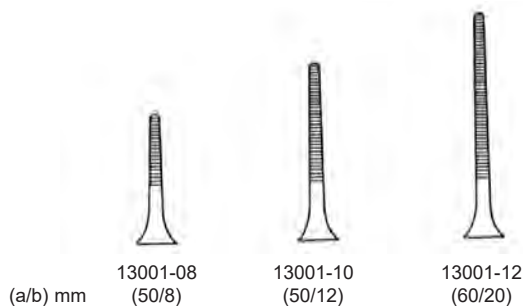
Atrauma-Bulldogklemmen  
Atrauma-Bulldog Clamps  
Clamps Atrauma Bulldog  
Pinze Atrauma Bulldog



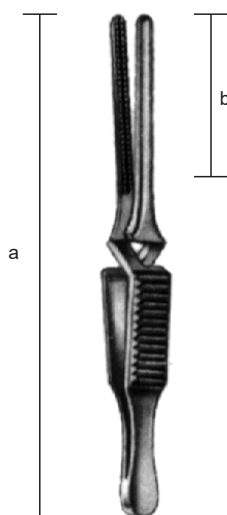
Mini-Bulldogklemmen  
Mini Bulldog Clamps  
Clamps Bulldog Mini  
Pinze Bulldog Mini



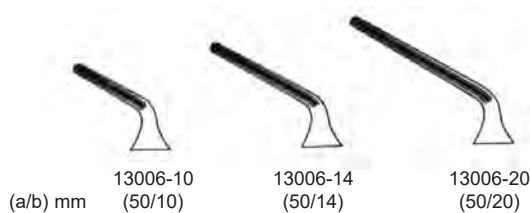
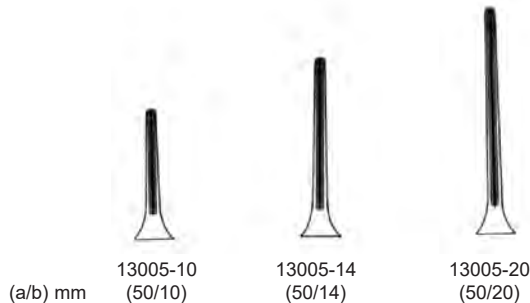
**DIETRICH**



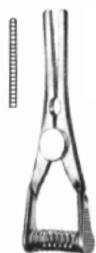
**Atrauma**



**DEBAKEY-DIETRICH**



Titan-Atrauma-Bulldogklemmen  
Titanium Atrauma Bulldog Clamps  
Titan Clamp Bulldog  
Titan Pinze Bulldog



3 cm, 1.2"

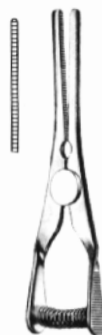
Vene  
Arterie

13010-30  
13011-30



3,5 cm, 1.4"

13010-35  
13011-35



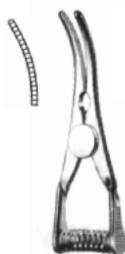
4 cm, 1½"

13010-40  
13011-40



5 cm, 2"

13010-50  
13011-50



3 cm, 1.2"

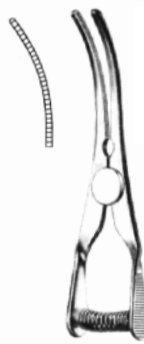
Vena  
Arteria

13012-30  
13013-30



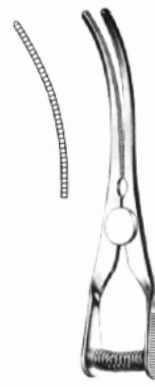
3,5 cm, 1.4"

13012-35  
13013-35



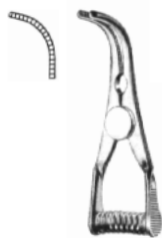
4 cm, 1½"

13012-40  
13013-40



5 cm, 2"

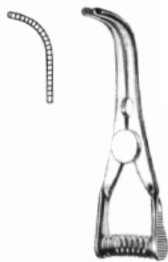
13012-50  
13013-50



3 cm, 1.2"

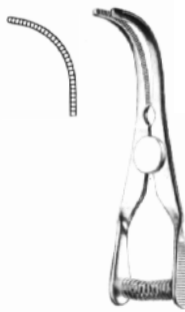
Vene  
Arterie

13014-30  
13015-30



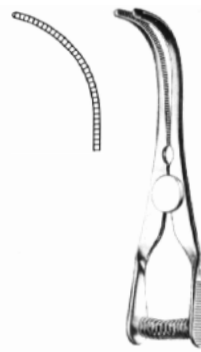
3,5 cm, 1.4"

13014-35  
13015-35



4 cm, 1½"

13014-40  
13015-40



5 cm, 2"

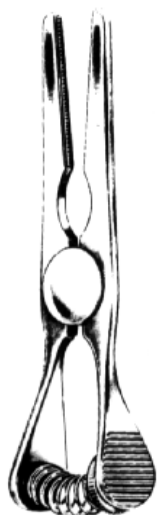
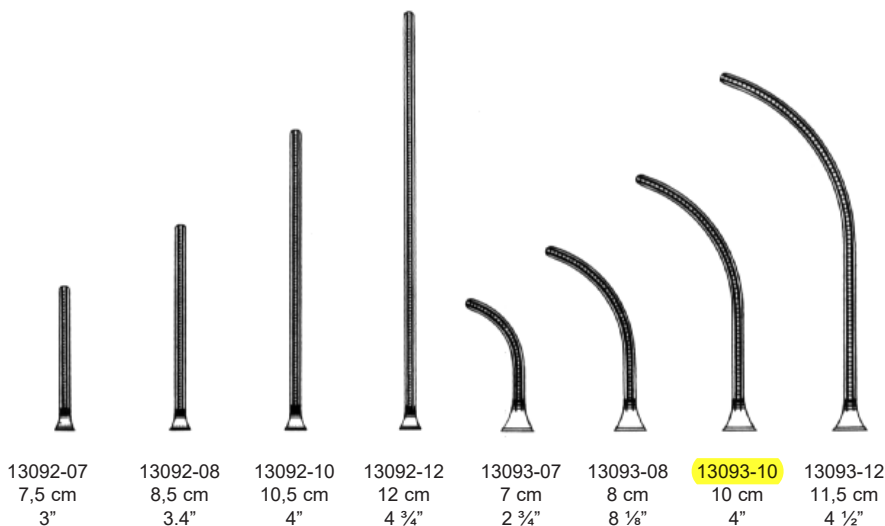
13014-50  
13015-50



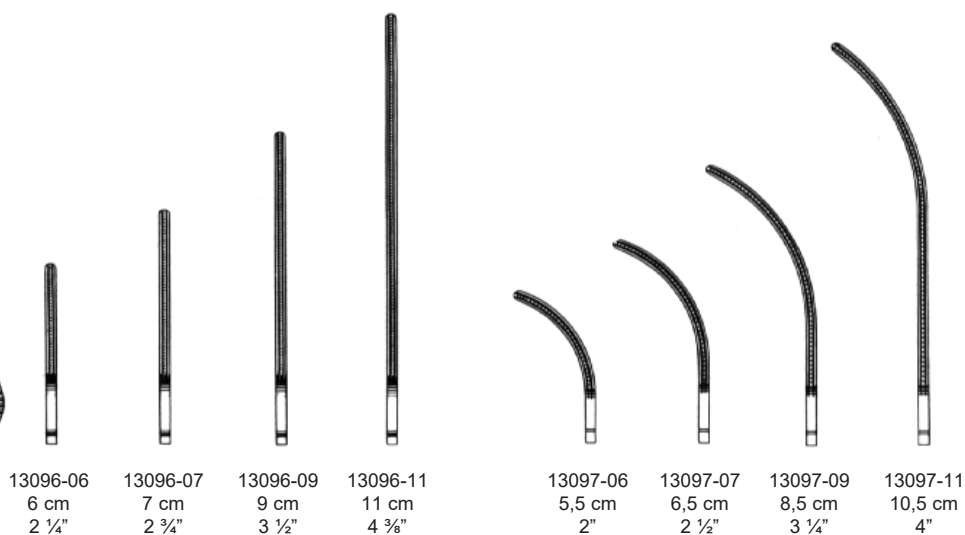
Atrauma-Bulldogklemmen  
Atrauma Bulldog Clamps  
Clamps Atrauma Bulldog  
Pinze Atrauma Bulldog



DE BAKEY



GLOVER



Gefäßklemmen, Bulldogklemmen, Arterienklemmen  
 Hemostatic Forceps  
 Pinzas hemostáticas  
 Pinze serrafina, Pinze emostatiche



DIEFFENBACH

13102-04 3,5 cm, 1.4"  
 13102-05 5,5 cm, 2.2"



DIEFFENBACH

13103-04 3,5 cm, 1.4"  
 13103-05 5,5 cm, 2.2"

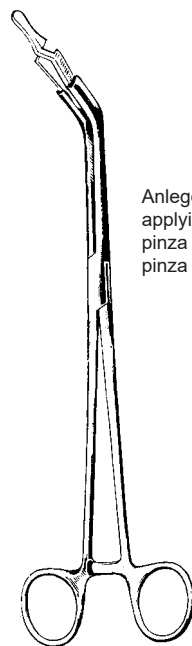
gerade  
 straight  
 recta  
 rette



gebogen  
 curved  
 curva  
 curve

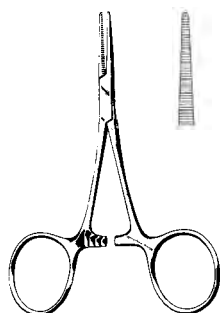
JOHNS-HOPKINS

|          |                |          |
|----------|----------------|----------|
| 13110-50 | 5,0 cm, 2"     | 13111-50 |
| 13110-55 | 5,5 cm, 2.2"   | 13111-55 |
| 13110-65 | 6,5 cm, 2.6"   | 13111-65 |
| 13110-70 | 7,0 cm, 2 3/4" | 13111-70 |
| 13110-75 | 7,5 cm, 3"     | 13111-75 |
| 13110-90 | 9,0 cm, 3 1/2" | 13111-90 |



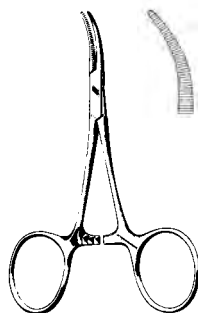
Anlegezange  
 applying forceps  
 pinza para poner  
 pinza applicatrice

13115-00  
 23 cm, 9"



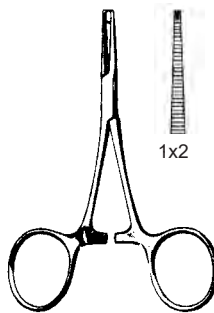
HARTMANN  
 13210-10  
 10 cm, 4"

Micro-HARTMANN  
 13214-10  
 10 cm, 4"

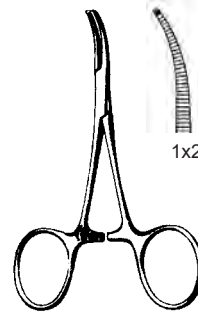


HARTMANN  
 13211-10  
 10 cm, 4"

Micro-HARTMANN  
 13215-10  
 10 cm, 4"



HARTMANN  
 13212-10  
 10 cm, 4"



HARTMANN  
 13213-10  
 10 cm, 4"

Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



TITAN

HALSTED-MOSQUITO

13224-12

|          |                 |          |
|----------|-----------------|----------|
| 13220-12 | 12,5 cm, 5"     | 13221-12 |
| 13220-14 | 14,0 cm, 5 1/2" | 13221-14 |
| 13220-18 | 18,0 cm, 7"     | 13221-18 |
| 13220-21 | 21,0 cm, 8 1/4" | 13221-21 |

TITAN

13225-12

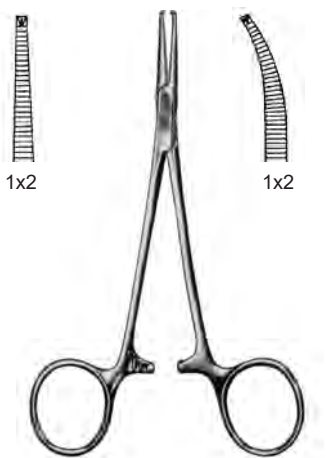


HALSTED-MOSQUITO micro

13222-12 12,5 cm, 5" 13223-12

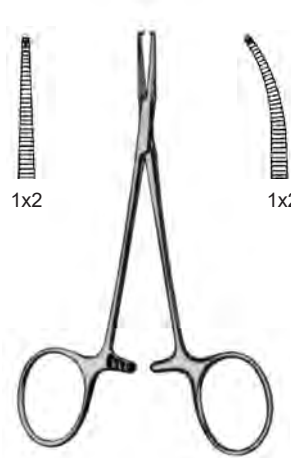
JACOBSON micro

13226-12 12,5 cm, 5" 13227-12



HALSTED-MOSQUITO

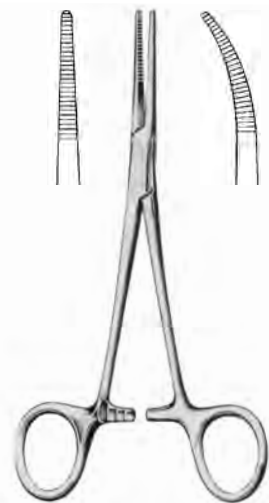
|          |                 |          |
|----------|-----------------|----------|
| 13230-12 | 12,5 cm, 5"     | 13231-12 |
| 13230-14 | 14,0 cm, 5 1/2" | 13231-14 |
| 13230-18 | 18,0 cm, 7"     | 13231-18 |
| 13230-21 | 21,0 cm, 8 1/4" | 13231-21 |



HALSTED-MOSQUITO micro

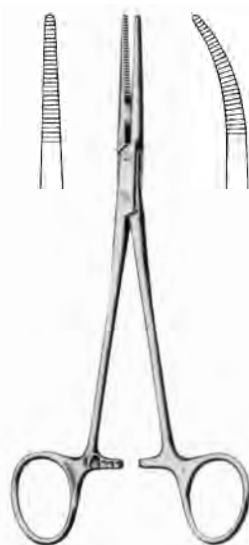
13232-12 12,5 cm, 5" 13233-12

Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



KELLY

13240-14 14 cm, 5 1/2" 13241-14  
13240-18 18 cm, 7" 13241-18  
13244-14 14 cm, 5 1/2" 13245-14  
TITAN TITAN



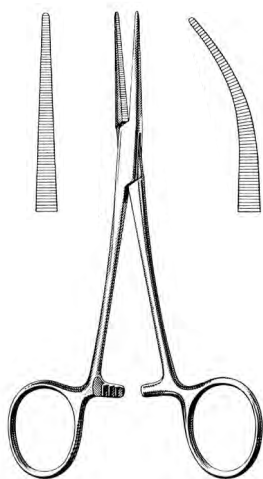
KELLY-RANKIN

13242-16 16 cm, 6 1/4" 13243-16



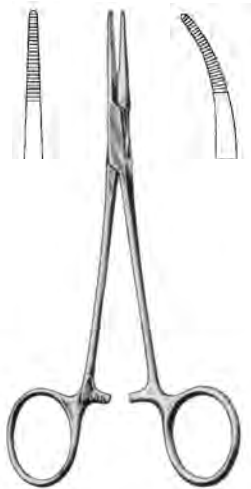
TERRIER

13228-13  
13 cm, 5 1/8"



COLLER-CRILE

13256-14 14 cm, 5 1/2" 13257-14  
13258-16 16 cm, 6 1/4" 13259-16



PROVIDENCE-HOSPITAL

13270-14 14 cm, 5 1/2" 13271-14

Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



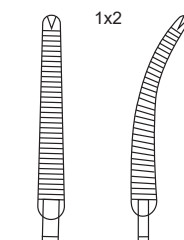
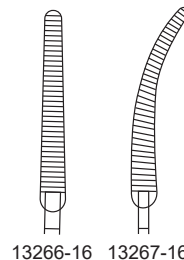
CRILE  
13250-14 14 cm, 5 1/2"  
13250-18 18 cm, 7"  
13254-14 14 cm, 5 1/2"  
TITAN



CRILE  
13260-14 14 cm, 5 1/2" 13261-14

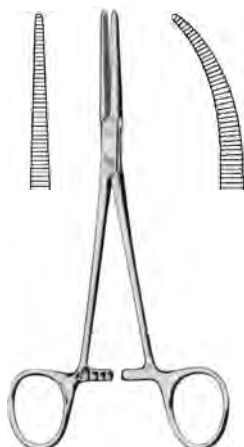


CHRISTOPHE  
16 cm, 6 1/4"



13266-16 13267-16

13268-16 13269-16

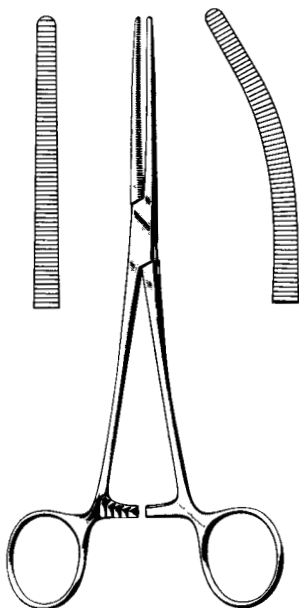


CRILE-RANKIN  
13262-16 16 cm, 6 1/4" 13263-16



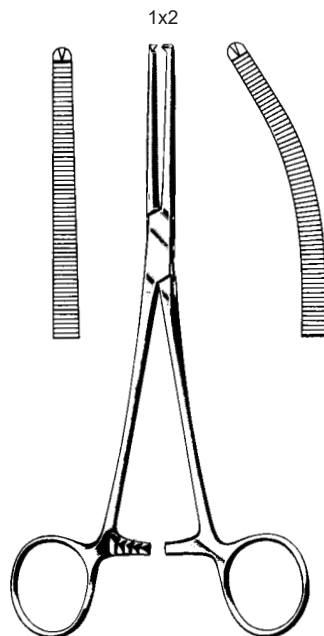
CRILE-RANKIN  
13264-16 16 cm, 6 1/4" 13265-16

Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



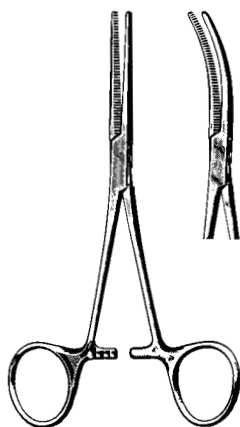
ROCHESTER-PEAN

|          |                |          |
|----------|----------------|----------|
| 13310-13 | 13 cm, 5 1/8"  | 13311-13 |
| 13310-14 | 14 cm, 5 1/2"  | 13311-14 |
| 13310-16 | 16 cm, 6 1/4"  | 13311-16 |
| 13310-18 | 18 cm, 7"      | 13311-18 |
| 13310-20 | 20 cm, 8"      | 13311-20 |
| 13310-22 | 22 cm, 8 3/4"  | 13311-22 |
| 13310-24 | 24 cm, 9 1/2"  | 13311-24 |
| 13310-26 | 26 cm, 10 1/4" | 13311-26 |
| 13310-30 | 30 cm, 11 3/4" | 13311-30 |



ROCHESTER-OCHSNER

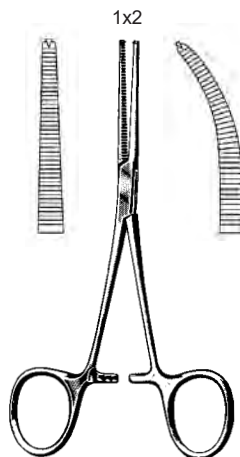
|          |                |          |
|----------|----------------|----------|
| 13320-13 | 13 cm, 5 1/8"  | 13321-13 |
| 13320-14 | 14 cm, 5 1/2"  | 13321-14 |
| 13320-16 | 16 cm, 6 1/4"  | 13321-16 |
| 13320-18 | 18 cm, 7"      | 13321-18 |
| 13320-20 | 20 cm, 8"      | 13321-20 |
| 13320-22 | 22 cm, 8 3/4"  | 13321-22 |
| 13320-24 | 24 cm, 9 1/2"  | 13321-24 |
| 13320-26 | 26 cm, 10 1/4" | 13321-26 |
| 13320-30 | 30 cm, 11 3/4" | 13321-30 |



PEAN

|          |               |          |
|----------|---------------|----------|
| 13312-14 | 14 cm, 5 1/2" | 13313-14 |
| 13312-16 | 16 cm, 6 1/4" | 13313-16 |

Fein  
Delicate  
Delicada  
Fina



KOCHER

|          |               |          |
|----------|---------------|----------|
| 13322-14 | 14 cm, 5 1/2" | 13323-14 |
| 13322-16 | 16 cm, 6 1/4" | 13323-16 |

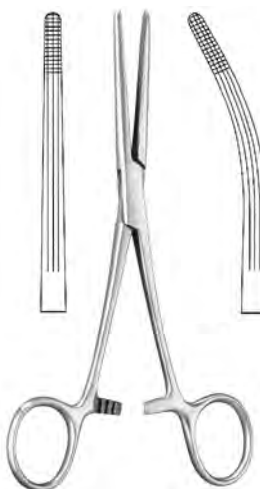
Fein  
Delicate  
Delicada  
Fina

Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



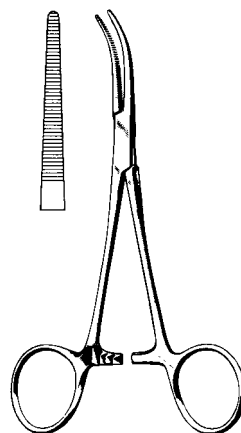
SPENCER-WELLS

|          |           |          |
|----------|-----------|----------|
| 13330-13 | 13 cm, 5" | 13331-13 |
| 13330-15 | 15 cm, 6" | 13331-15 |
| 13330-18 | 18 cm, 7" | 13331-18 |
| 13330-20 | 20 cm, 8" | 13331-20 |
| 13330-23 | 23 cm, 9" | 13331-23 |



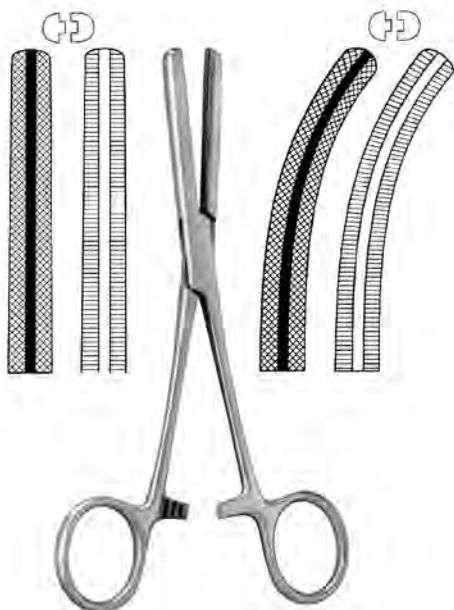
ROCHESTER-CARMALT

|          |               |          |
|----------|---------------|----------|
| 13340-16 | 16 cm, 6 1/4" | 13341-16 |
| 13340-20 | 20 cm, 8"     | 13341-20 |



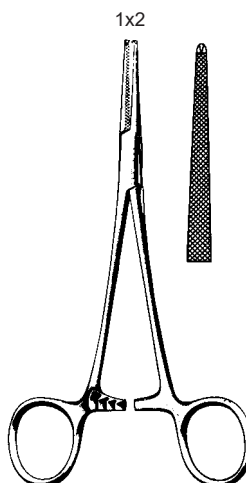
DANDY

|          |               |
|----------|---------------|
| 13345-12 | 12 cm, 4 3/4" |
| 13345-14 | 14 cm, 5 1/2" |



FERGUSSON

|          |               |          |
|----------|---------------|----------|
| 13350-16 | 16 cm, 6 1/4" | 13351-16 |
| 13350-20 | 20 cm, 8"     | 13351-20 |



LOVELACE

|          |             |
|----------|-------------|
| 13356-15 | 15,5 cm, 6" |
|----------|-------------|



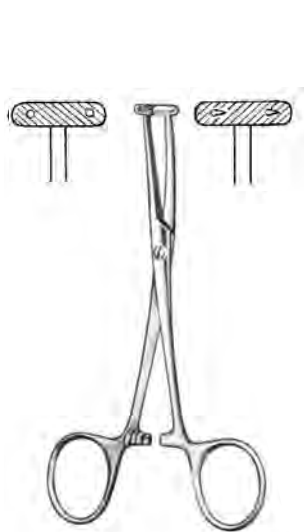
PENNINGTON

|          |             |
|----------|-------------|
| 13358-15 | 15,5 cm, 6" |
| 13358-20 | 20,0 cm, 8" |

Fasszangen  
Grasping Forceps  
Pinza para agarrar órganos y tejidos  
Pinze da presa



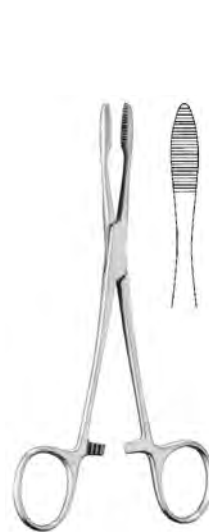
PRATT  
13360-15 15 cm, 6"



MARTEL  
13364-14 14 cm, 5 1/2"



WILLET MARTEL  
13366-19 19 cm, 7 1/2"



PEAN  
13368-14 14 cm, 5 1/2"  
13368-16 16 cm, 6 1/4"



CHAPUT  
13370-13  
13 cm, 5 1/8"



TUFFIER  
13372-13  
13 cm, 5 1/8"



COLLIN  
13374-14  
14 cm, 5 1/2"



COLLIN  
13376-16  
16 cm, 6 1/4"



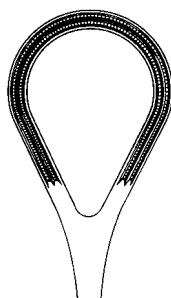
Organ- und Gewebefasszange, Arterienklemmen  
 Organ- and Tissue Grasping Forceps, Hemostatic Forceps  
 Pinza para agarrar órganos y tejidos, Pinzas hemostáticas  
 Pinza per tessuti e organi, Pinze emostatiche



REDA  
 Atrauma  
 13377-25 - 13377-26



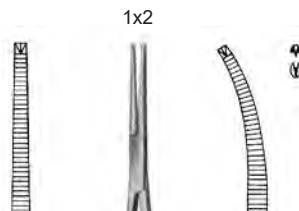
13377-25  
 25 cm, 10"



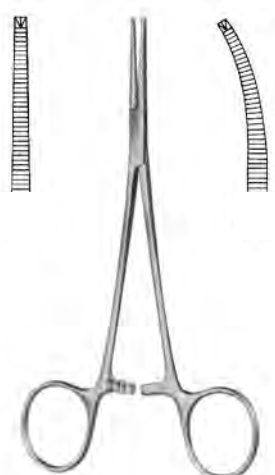
13377-26  
 26 cm, 10 1/4"



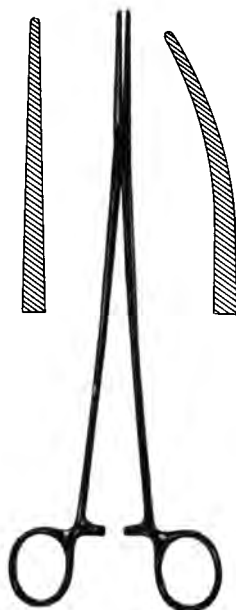
LERICHE  
 13380-15 15 cm, 6" 13381-15



LERICHE  
 13382-15 15 cm, 6" 13383-15



Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



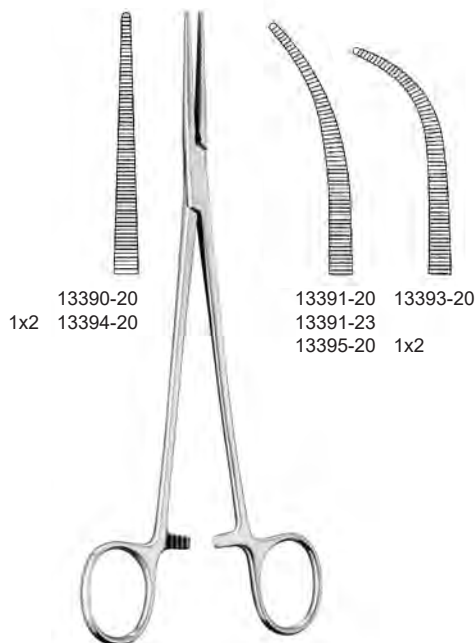
BENGOLEA

13384-20 20 cm, 8" 13385-20  
13384-24 24 cm, 9 1/2" 13385-24  
13384-26 26 cm, 10 1/4" 13385-26



BENGOLEA

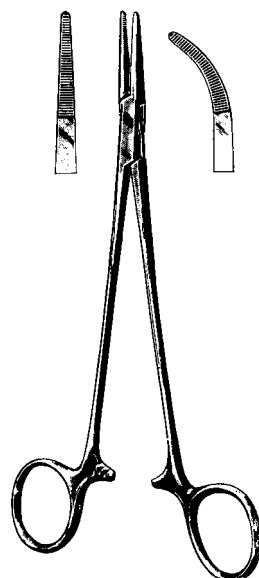
13386-20 20 cm, 8" 13387-20  
13386-24 24 cm, 9 1/2" 13387-24  
13386-26 26 cm, 10 1/4" 13387-26



HEISS  
20 cm, 8"

13390-20  
1x2 13394-20

13391-20 13393-20  
13391-23  
13395-20 1x2

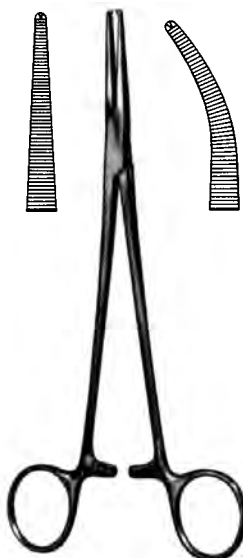


ADSON

13410-18 18,5 cm, 7 1/4" 13411-18

Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche

1x2



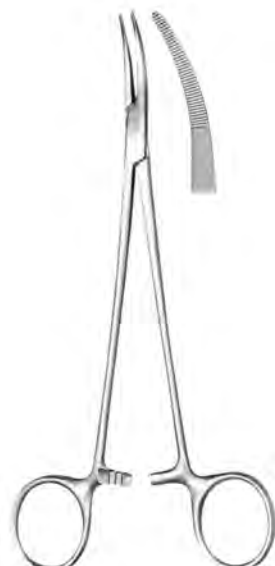
ADSON  
13412-18 18,5 cm, 7 1/4" 13413-18



FUCHSIG  
13414-20 19 cm, 7 1/2"



ADSON BABY  
13415-14 14,0 cm, 5 1/2"  
13415-18 18,5 cm, 7 1/4"



NISSEN  
13416-18 18,5 cm, 7 1/4"

Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



OVERHOLT-BABY  
13420-14  
14 cm, 5 ½"



OVERHOLT-GEISSENDOERFER  
21 cm, 8 ¼"

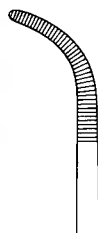


Fig. 1  
13421-01

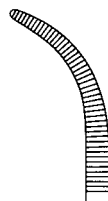


Fig. 2  
13421-02

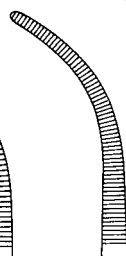


Fig. 3  
13421-03

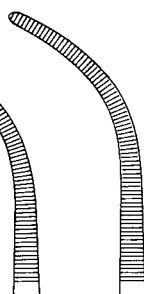


Fig. 4  
13421-04

13425-02  
26 cm  
10 ¼"

13425-03  
27 cm  
10 ½"

13425-04  
27,5 cm  
10,8"



Fig. 5  
13421-05  
13425-05  
27 cm  
10 ½"



Fig. 6  
13421-06  
13425-06  
28 cm  
11"

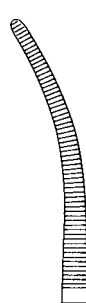


Fig. 7  
13421-07



OVERHOLT



13422-00  
21,5 cm,  
8 ½"  
Fig. 0



13422-01  
21 cm,  
8 ¼"  
Fig. 1



13422-02  
22 cm,  
8 ¾"  
Fig. 2



13422-03  
23 cm,  
9"  
Fig. 3



13422-06  
22,5 cm,  
8,9"  
Fig. 6



13423-01  
27 cm,  
10 ¾"  
Fig. 1



13423-02  
27 cm,  
10 ¾"  
Fig. 4



13423-03  
29,5 cm,  
11 ¾"  
Fig. 0



13423-04  
29,5 cm,  
11 ¾"  
Fig. 1



13423-05  
30 cm,  
12"  
Fig. 6

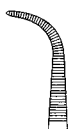
Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



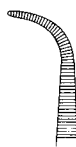
OVERHOLT-MIXTER  
13428-21  
21,5 cm, 8 ½"



GEMINI



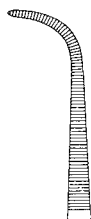
13431-13  
13 cm  
5 ⅛"



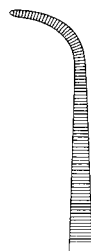
13431-16  
16 cm  
6 ¼"



13431-18  
18 cm  
7"



13431-20  
20 cm  
8"



13431-23  
23 cm  
9"



13431-25  
25 cm  
10"



13431-28  
28 cm  
11"

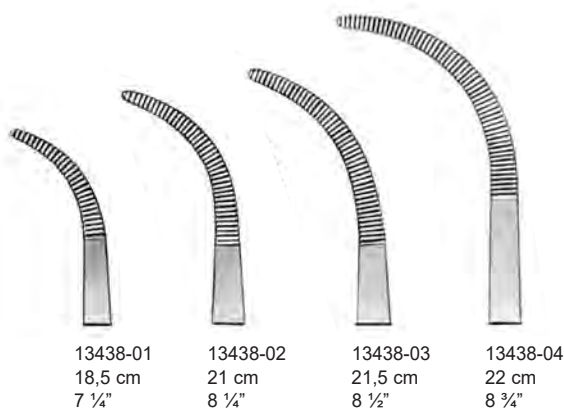
Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



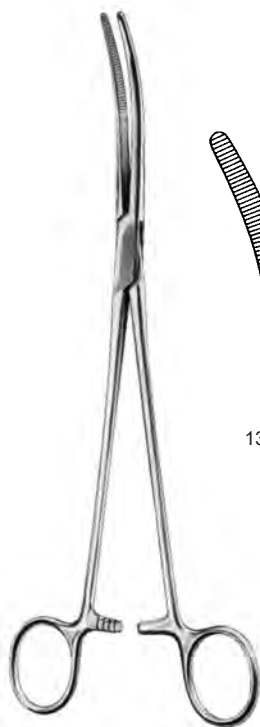
BIRKETT  
18,5 cm, 7 1/4"



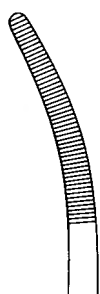
MIXTER



Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



RUMEL  
23 cm, 9"



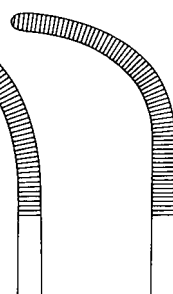
13441-01



13441-02



13441-03



13441-04



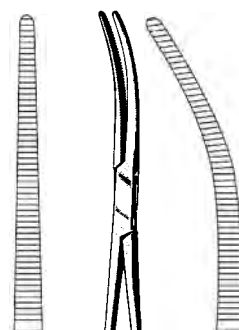
WIKSTROEM  
13447-20  
20,5 cm, 8"



13442-21 21 cm, 8 1/4"  
13442-26 26 cm, 10 1/4"

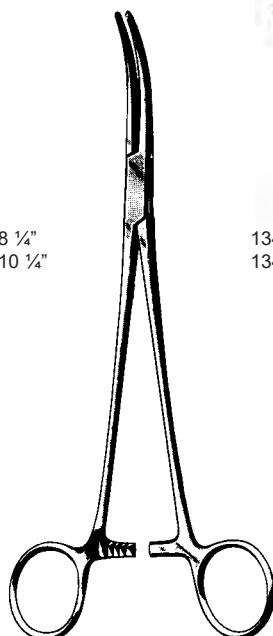


13443-21 21 cm, 8 1/4"  
13443-26 26 cm, 10 1/4"



1x2

13444-21 21 cm, 8 1/4"  
13444-26 26 cm, 10 1/4"

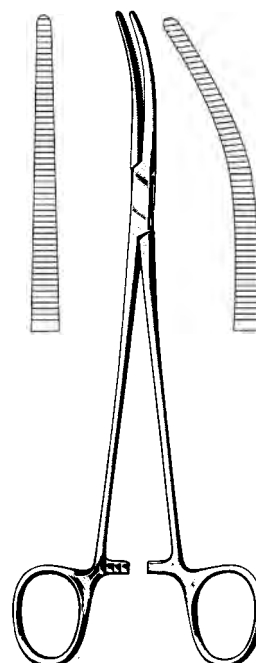


TOENNIS



1x2

13445-21 21 cm, 8 1/4"  
13445-26 26 cm, 10 1/4"

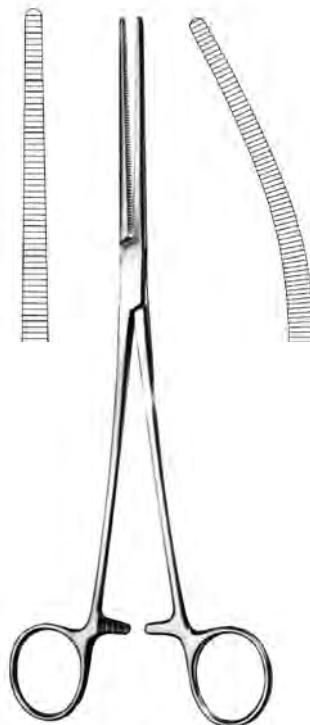


ROBERTS  
13448-22 22 cm, 8 3/4" 13449-22

Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



CRAFOORD  
13453-18 18 cm, 7"  
13453-24 24 cm, 9 ½"



SAROT  
13450-24 24 cm, 9 ½" 13451-24



13455-01



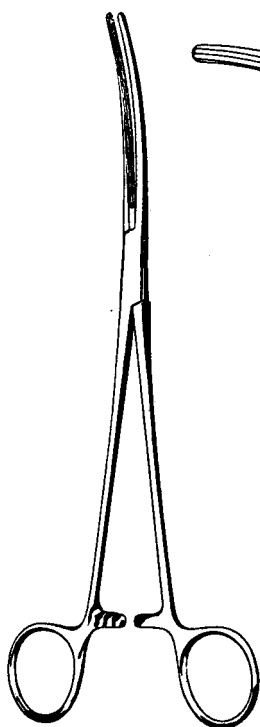
ZENKER  
29,5 cm, 11 ½"



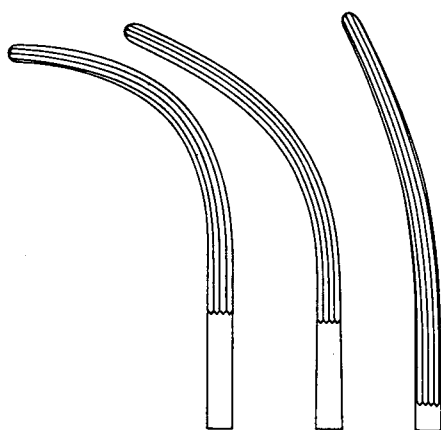
13455-02



Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



CRAFOORD-SELLORS  
24 cm, 9 1/2"



13456-01

13456-02

13456-03

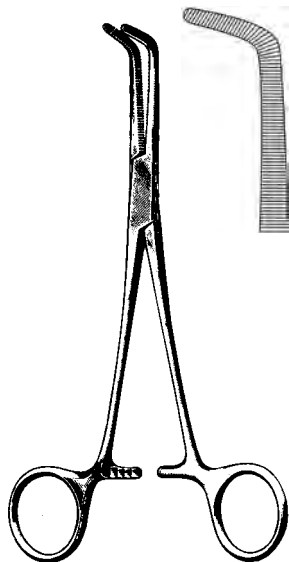


LAWRENCE  
13457-28 28 cm, 11"

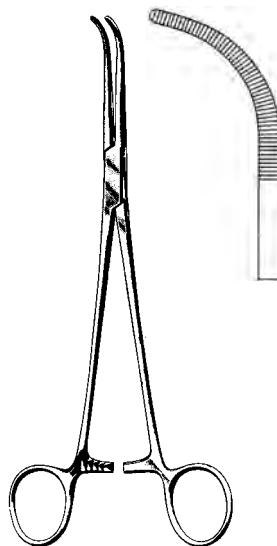


MEEKER  
13459-18 18 cm, 7"  
13459-28 28 cm, 11"

Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



MIXTER  
13471-14 14 cm, 5 ½"  
13471-16 16 cm, 6 ¼"  
13471-18 18 cm, 7"  
13471-23 23 cm, 9"



MIXTER  
13473-22  
22 cm, 8 ¾"



KANTROWITZ  
13474-19 19 cm, 7 ½"  
13474-24 24 cm, 9 ½"  
13474-26 26 cm, 10 ¼"

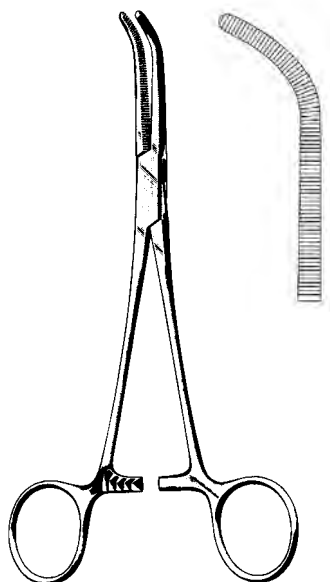


MIXTER BABY  
13475-14  
14 cm, 5 ½"

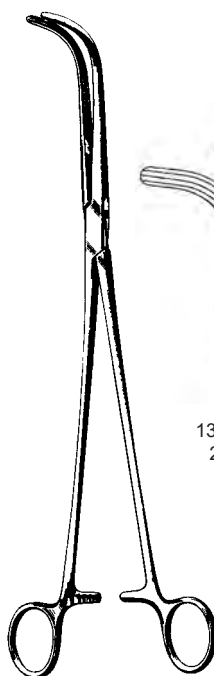


MIXTER BABY  
13475-18  
18 cm, 7"

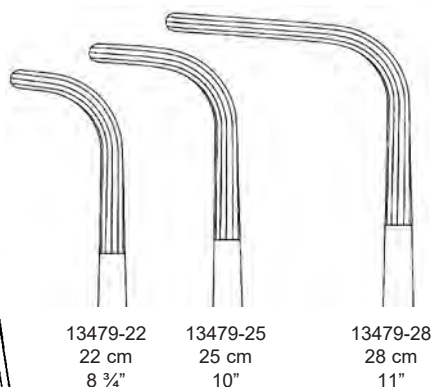
Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



MIXTER-O'SHAUGNESSY  
13477-15 15,5 cm, 6"  
13477-19 19,0 cm, 7 1/2"



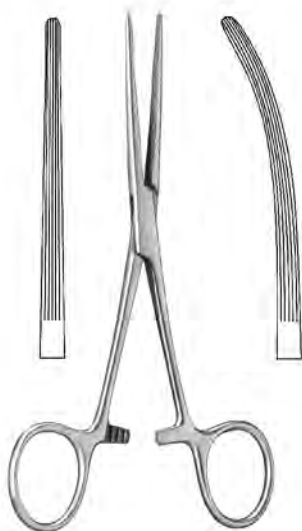
MIXTER



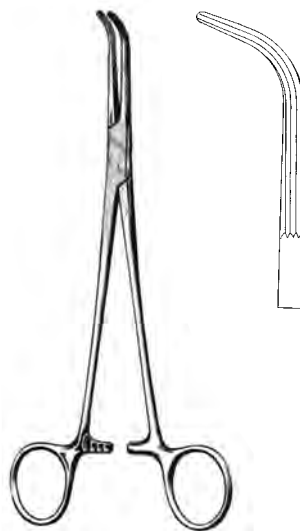
13479-22  
22 cm  
8 3/4"

13479-25  
25 cm  
10"

13479-28  
28 cm  
11"

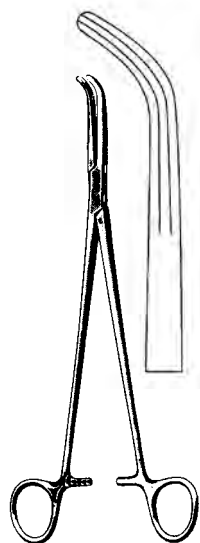


BAINBRIDGE  
13480-15 15,0 cm, 6" 13481-15  
13480-18 18,5 cm, 7 1/4" 13481-18

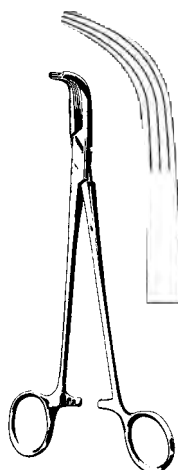


LAHEY  
13491-19 19 cm, 7 1/2"

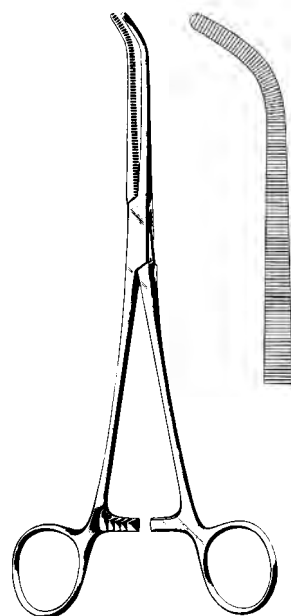
Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



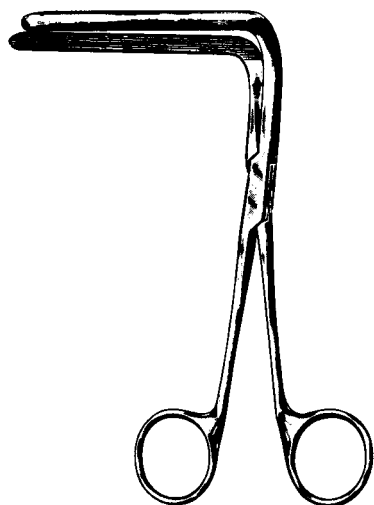
LAHEY  
13493-23 23 cm, 9"



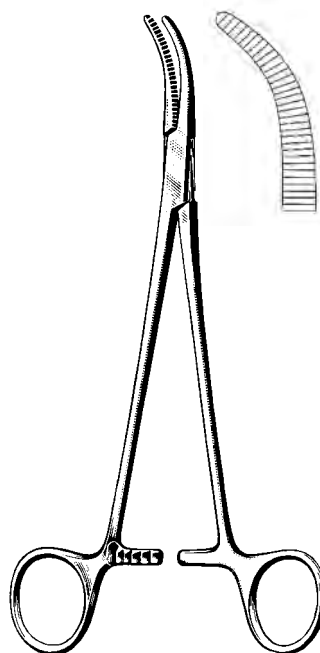
LOWER  
13495-18 18 cm, 7"



JOHNS-HOPKINS  
13497-20 20 cm, 8"



MIXTER  
13499-16  
16,5 cm, 6 1/2"

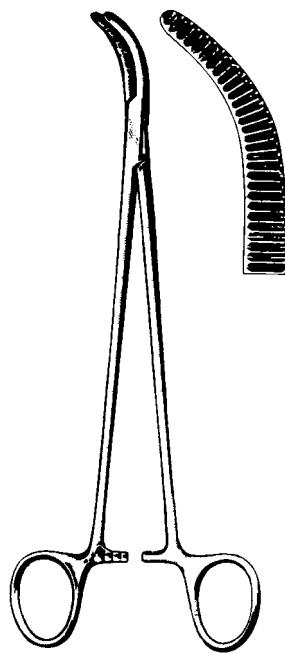


MOYNIHAN  
13501-23  
23 cm, 9"

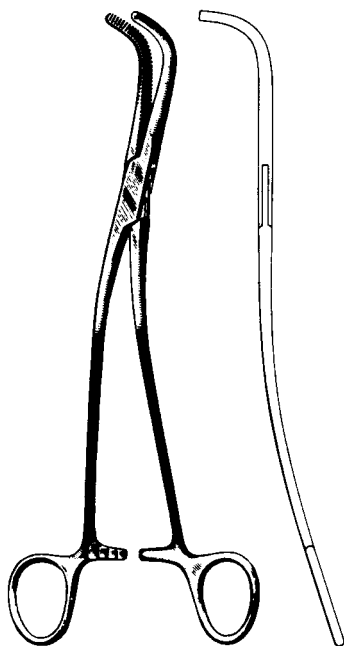
Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



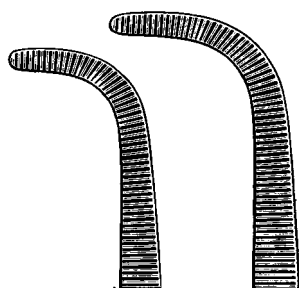
DESJARDINS  
13503-21 21 cm, 8 1/4"



DESJARDINS  
13505-21 21 cm, 8 1/4"



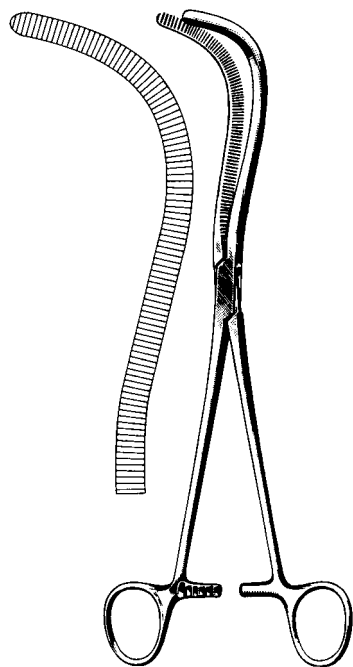
GRAY



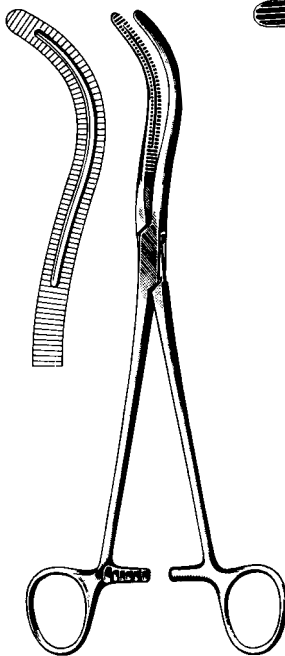
13507-22  
22 cm  
8 3/4"

13507-23  
23 cm  
9"

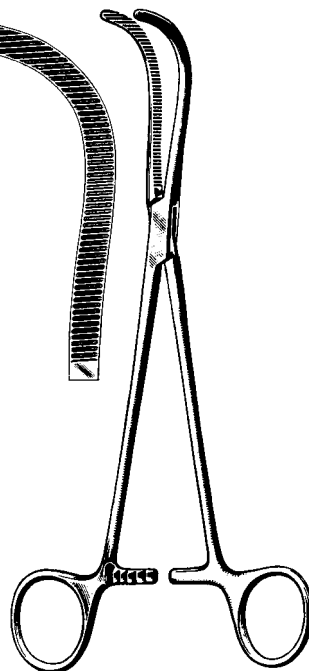
Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



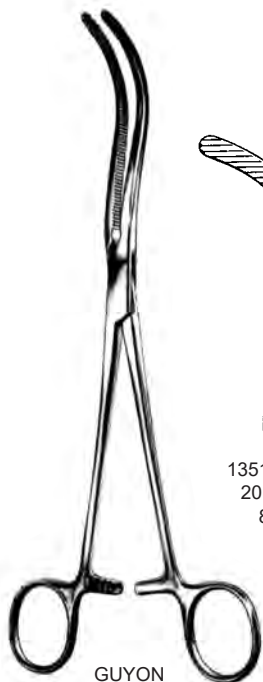
MAYO-GUYON  
13513-23  
23 cm, 9"



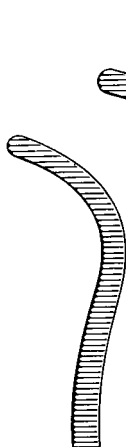
STILLE  
13515-23  
23 cm, 9"



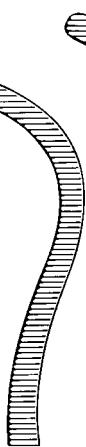
GUYON  
13517-23  
23 cm, 9"



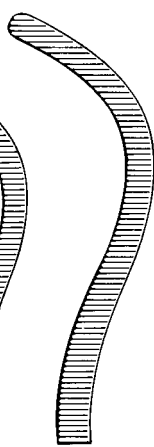
GUYON



13519-20  
20 cm  
8"



13519-22  
22 cm  
8 3/4"



13519-24  
24 cm  
9 1/2"



GUYON

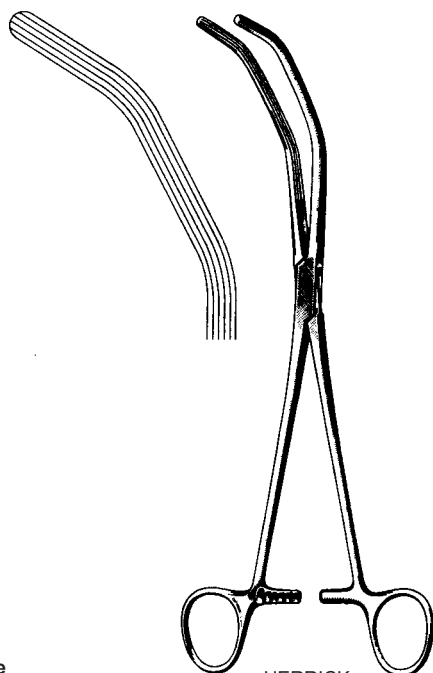


13520-24  
24 cm  
9 1/2"

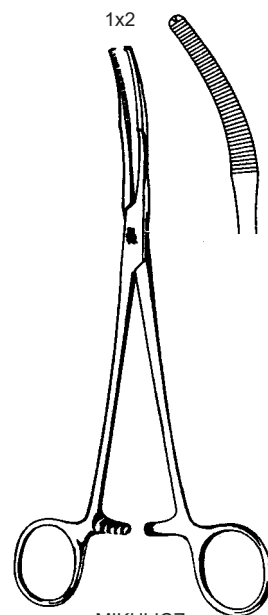
13520-23  
23 cm  
9"

ATRAUMA

Hysterektomieklemmen  
Hysterectomy Forceps  
Pinzas para histerectomía  
Pinze per isterectomia

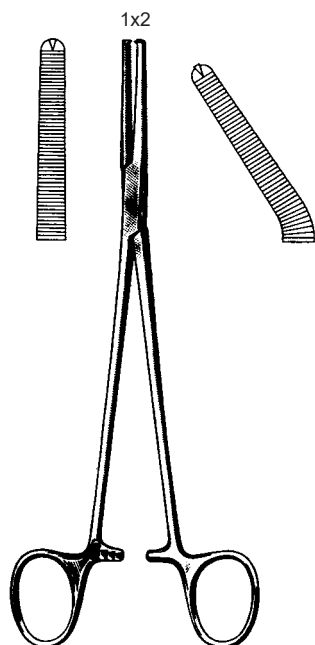


HERRICK  
13523-23  
23 cm, 9"



MIKULICZ  
13551-14 14 cm, 5 1/2" BABY  
13551-18 18 cm, 7"  
13551-20 20 cm, 8"

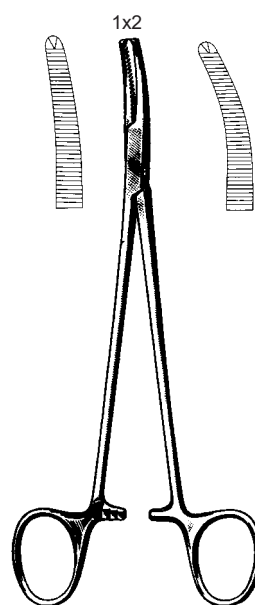
Peritoneum-Klemme  
Peritoneum Forceps  
Pinzas para peritoneo  
Pinze peritoneali



PHANEUF  
13554-21 21 cm, 8 1/2" 13555-21



MIKULICZ  
13556-24 24 cm, 9 1/2"



FAURE  
13561-20 20 cm, 8" 13563-20

Hysterektomieklemmen  
Hysterectomy Forceps  
Pinzas para histerectomía  
Pinze per isterectomia



MAINGOT  
13564-20 20 cm, 8"



Hysterektomieklemmen  
Hysterectomy Forceps  
Pinzas para histerectomía  
Pinze per isterectomia



13565-20  
20,5 cm, 8"



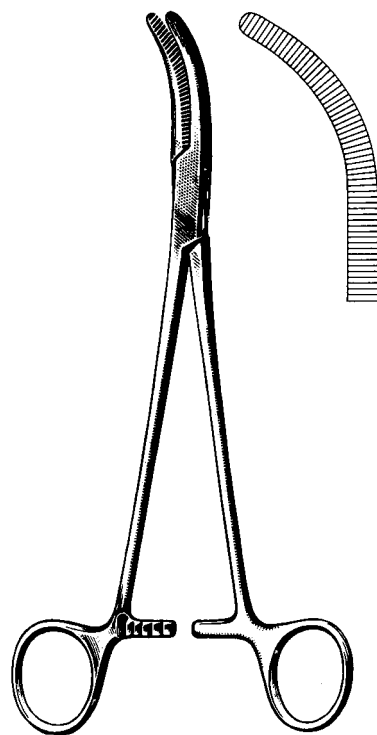
13565-25  
25 cm, 10"

MAINGOT

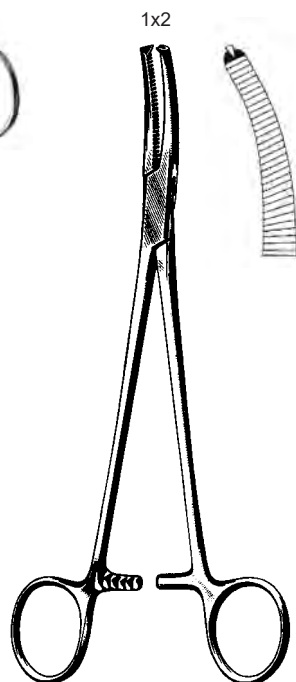
Hysterektomieklemmen  
Hysterectomy Forceps  
Pinzas para histerectomía  
Pinze per isterectomia



WERTHEIM  
13570-23  
23,5 cm, 9 1/4"



WERTHEIM  
13571-25  
25 cm, 10"



WERTHEIM  
13573-22 22 cm, 8 3/4"

Hysterektomieklemmen  
Hysterectomy Forceps  
Pinzas para histerectomía  
Pinze per isterectomia



SEGOND-LANDAU  
13574-24  
24 cm, 9 ½"

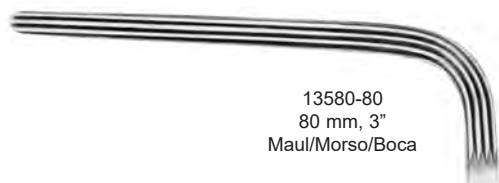


SEGOND  
13575-24  
24 cm, 9 ½"

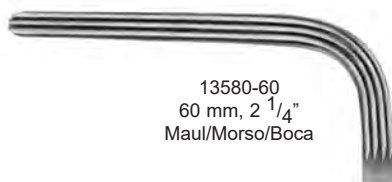


WERTHEIM-CULLEN  
13579-21 21,5 cm, 8 ½"

Hysterektomieklemmen  
Hysterectomy Forceps  
Pinzas para histerectomía  
Pinze per isterectomia



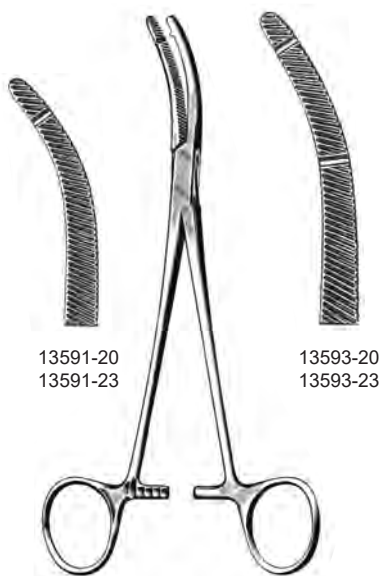
13580-80  
80 mm, 3"  
Maul/Morso/Boca



13580-60  
60 mm, 2 1/4"  
Maul/Morso/Boca



23 cm, 9"



13591-20  
13591-23

13593-20  
13593-23

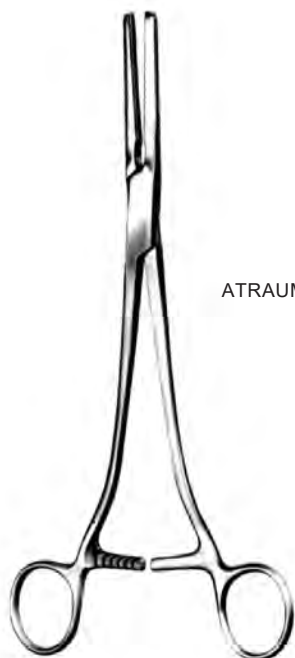
HEANEY  
20 cm, 8"



1x2

HOLZBACH  
13598-24 24 cm, 9 1/2" 13599-24

Hysterektomieklemmen  
Hysterectomy Forceps  
Pinzas para histerectomía  
Pinze per isterectomia



ATRAUMA

ROGERS  
13595-10 - 13597-40



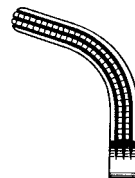
22 cm  
8 3/4"  
13595-10



21,5 cm  
8 1/2"  
13595-20



21 cm  
8 1/4"  
13595-30



20,5 cm  
8"  
13595-40



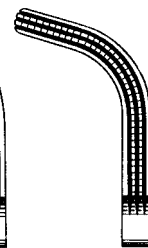
25 cm  
10"  
13597-10



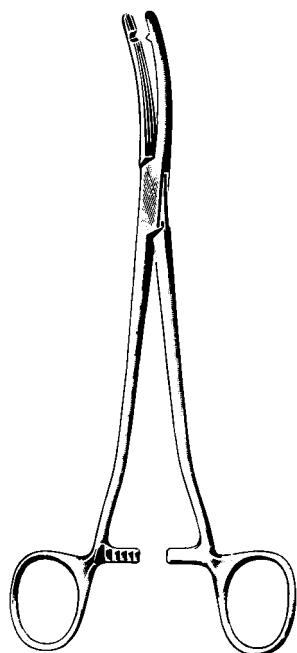
25 cm  
10"  
13597-20



24,5 cm  
9 3/4"  
13597-30



23 cm  
9"  
13597-40



HEANY-BALLENTINE  
13600-20 - 13601-20  
20 cm, 8"



BALLENTINE  
13600-20



HEANY-BALLENTINE  
13601-20

Hysterektomieklemmen  
Hysterectomy Forceps  
Pinzas para histerectomía  
Pinze per isterectomia



WERTHEIM  
13605-26  
25,5 cm, 10"

Parametriumklemmen  
Parametrium Clamps  
Pinza para parametrio  
Pinza per parametrio



REDA  
21 cm 8 1/4"



13610-21



13611-21



13612-21



13613-21



REDA

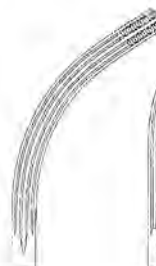
24 cm, 9 1/2"  
26 cm, 10 1/4"  
30 cm, 12"



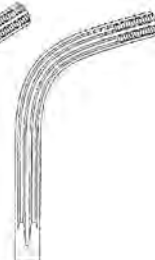
13620-24  
13620-26  
13620-30



13621-24  
13621-26  
13621-30



13622-24  
13622-26  
13622-30



13623-24  
13623-26  
13623-30

Präparier- und Ligaturklemmen  
Dissecting and Ligature Forceps  
Pinzas para preparaciones y para ligaduras  
Pinze per preparazione e per legatura



13640-28  
28 cm, 11"



Schlauchklemmen  
Tubing Clamps  
Pinzas cierra-tubos  
Pinze serratubi



KLINIKUM BERLIN  
13702-14  
14,5 cm, 5 3/4"



13710-15  
15 cm, 6"



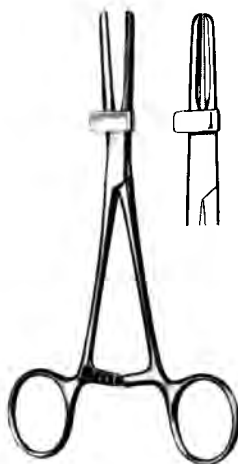
13710-19  
19 cm, 7 1/4"



13710-20  
20 cm, 8"



PRESBYTERIAN  
13704-16 16 cm, 6 1/4"  
13704-18 18 cm, 7"



13712-15  
15 cm, 6"



13712-18  
18 cm, 7"



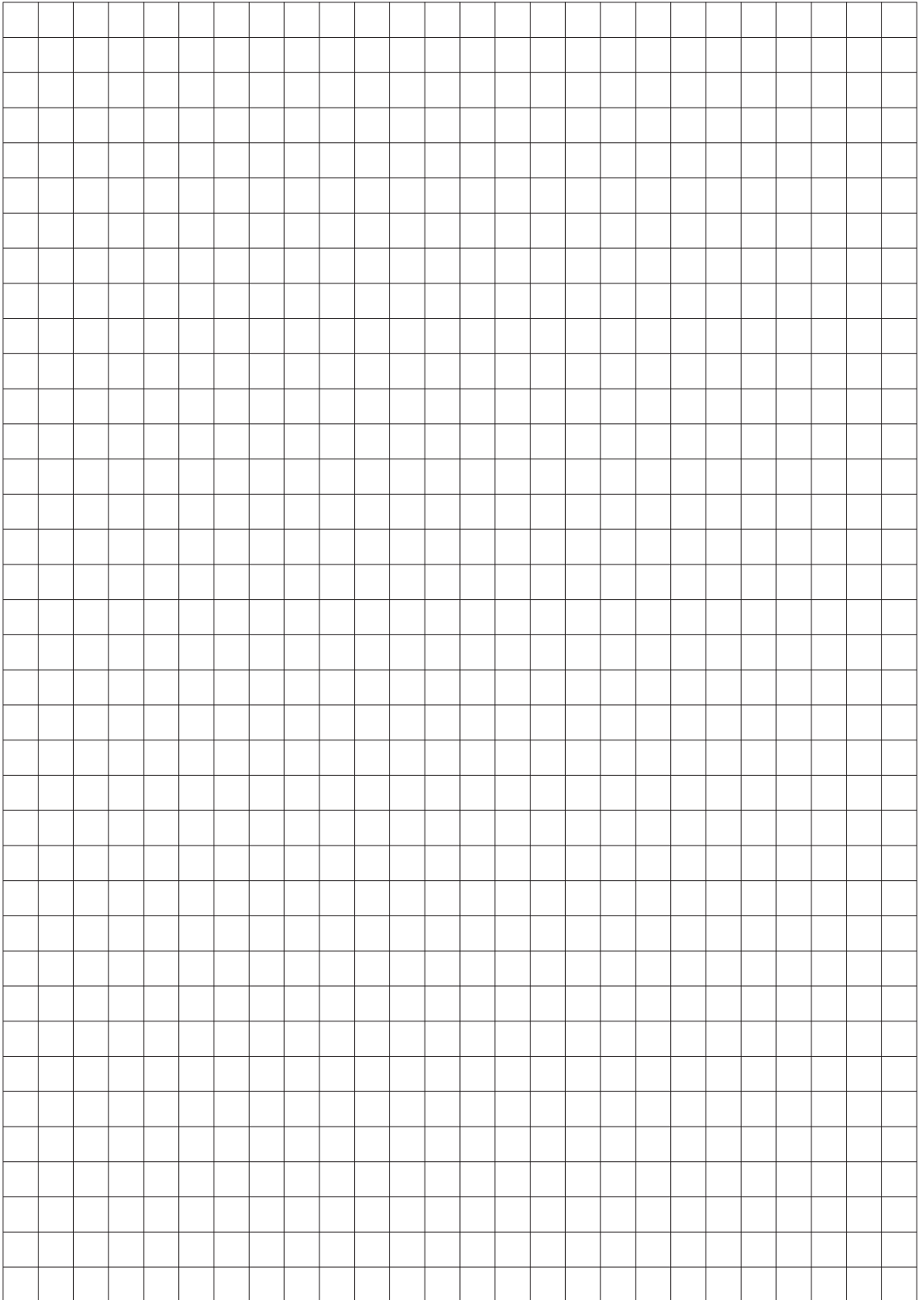
13712-20  
20 cm, 8"



Rollenklemme  
Tube milking rollers  
Pinza de rodillos  
Pinze con rotelle



BÜLOW-GUNAR-HEY  
13720-18  
18 cm, 7"



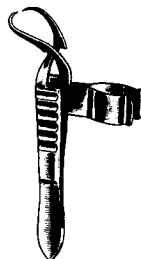
Tuchklemmen  
Towel Forceps  
Pinzas de campos  
Pinze fissateli



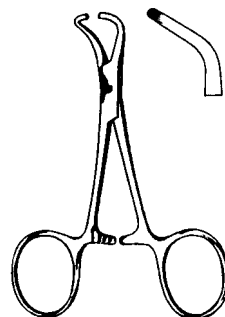
SCHAEDEL  
15101-09  
9 cm, 3 ½"



JONES  
15103-07  
7 cm, 2 ¾"



JONES-CLIP  
15105-09  
9 cm, 3 ½"

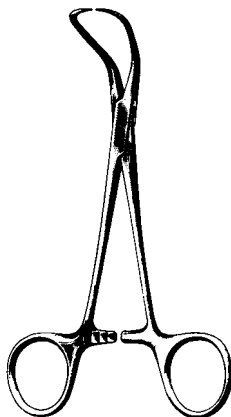


TOHUKU  
15107-10 10 cm, 4"  
15107-13 13 cm, 5 ⅛"

15103-09  
9 cm, 3 ¾"



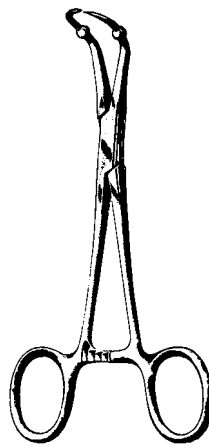
PEERS  
15108-14  
14,5 cm, 5 ¾"



BACKHAUS  
15111-09 9 cm, 3 ½"  
15111-11 11 cm, 4 ⅞"  
15111-13 13 cm, 5 ⅛"  
15111-15 15 cm, 6"

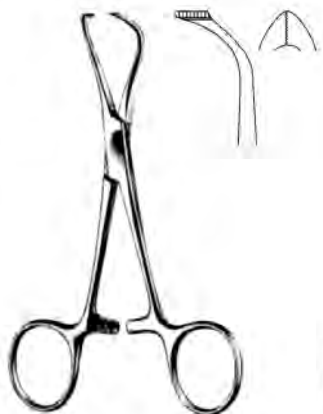


BACKHAUS-CLIP  
15115-11  
11 cm, 4 ⅞"



ROEDER  
15117-13  
13 cm, 5 ⅛"

Tuchklemmen  
Towel Forceps  
Pinzas de campos  
Pinze fissateli



LORNA

15121-11 11 cm, 4  $\frac{3}{8}$ "  
15121-13 13 cm, 5  $\frac{1}{8}$ "



BALL AND SOCKET

15123-11 11 cm, 4  $\frac{3}{8}$ "  
15123-13 13 cm, 5  $\frac{1}{8}$ "

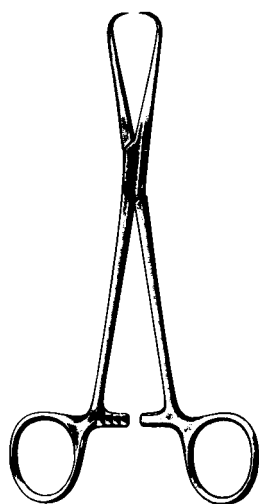


OMBREDANNE (JACKSON)

15124-13  
13,5 cm, 5  $\frac{3}{8}$ "



15125-14  
14,5 cm, 5  $\frac{3}{4}$ "



BERNHARD

15140-16  
16,5 cm, 6  $\frac{1}{2}$ "



DOYEN

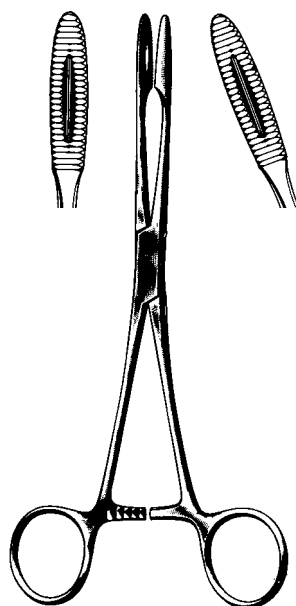
15161-18  
18 cm, 7"



LANE

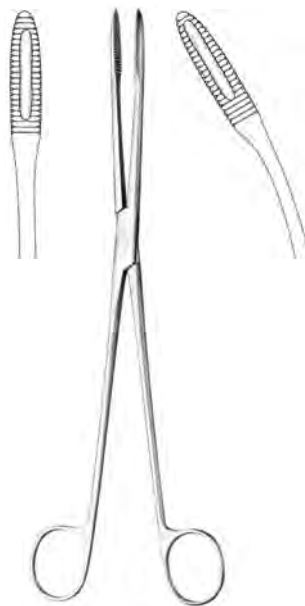
15164-15 15 cm, 6"  
15164-20 20 cm, 8"

Tupfer- und Kornzangen  
Dressing Forceps  
Pinzas para tampones y curaciones  
Pinze per tamponi e per medicazione



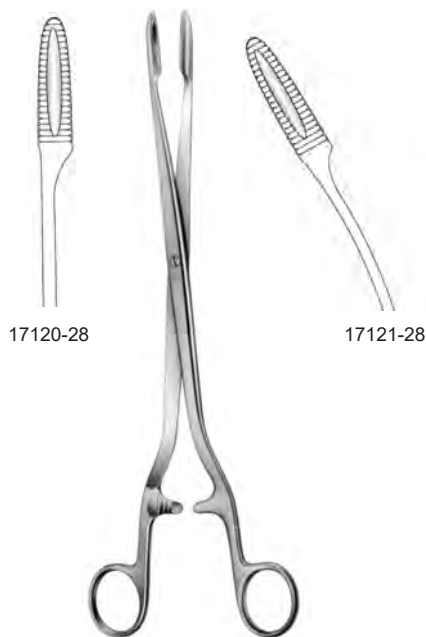
GROSS-MAIER

|          |              |          |
|----------|--------------|----------|
| 17110-20 | 20 cm, 8"    | 17111-20 |
| 17110-25 | 25 cm, 10"   | 17111-25 |
| 17110-27 | 27 cm, 10 ¾" | 17111-27 |



GROSS-MAIER

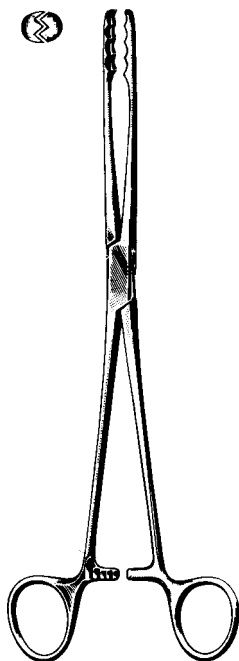
|          |            |          |
|----------|------------|----------|
| 17112-20 | 20 cm, 8"  | 17113-20 |
| 17112-25 | 25 cm, 10" | 17113-25 |

SIMS-MAIER  
28 cm, 11"DUPLAY  
17131-21 21 cm, 8 ¼"

Tupfer- und Kornzangen  
 Dressing Forceps  
 Pinzas para tampones y curaciones  
 Pinze per tamponi e per medicazione

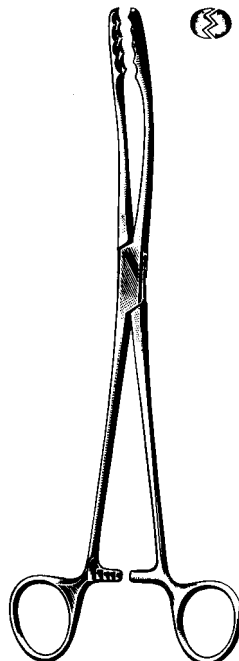


17133-17 17 cm, 6  $\frac{3}{4}$ "



ULRICH

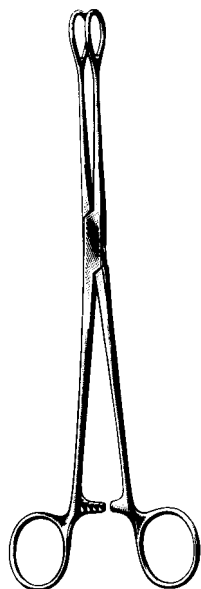
17160-22 22 cm, 8  $\frac{3}{4}$ "  
 17160-25 25 cm, 10"



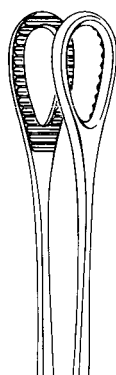
ULRICH

17161-22 22 cm, 8  $\frac{3}{4}$ "  
 17161-25 25 cm, 10"

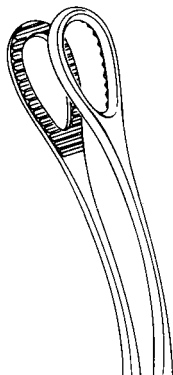
Schwammzange  
Sponge Forceps  
Pinzas porta-esponjas  
Pinze per spugne



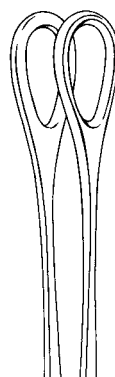
FOERSTER



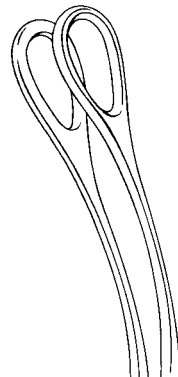
17170-18  
17170-20  
17170-25  
17170-30



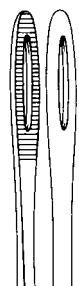
17171-18 18 cm, 7"  
17171-20 20 cm, 8"  
17171-25 25 cm, 10"



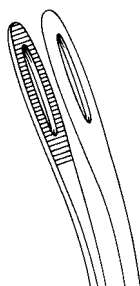
17172-18  
17172-25



17173-18  
17173-25



17174-25



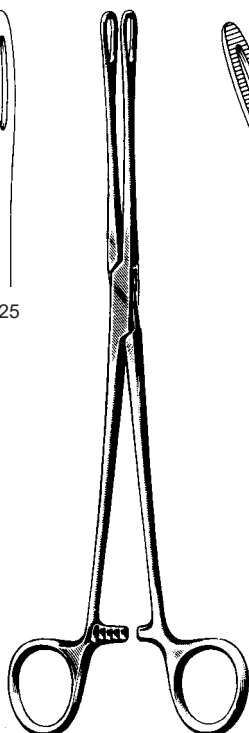
17175-25



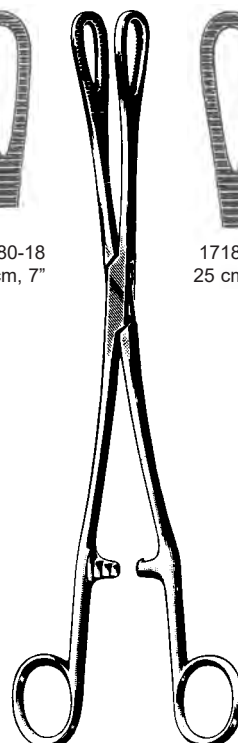
17180-18  
18 cm, 7"



17180-25  
25 cm, 10"



FOERSTER  
25 cm, 10"



RAMPLEY



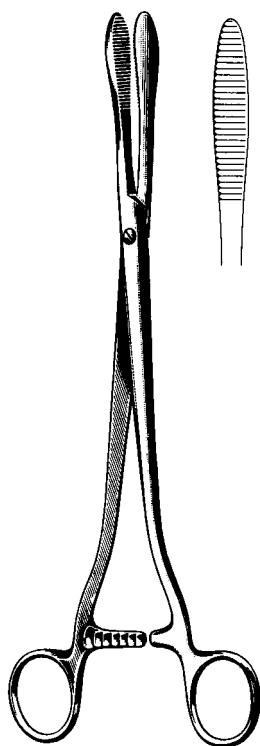
Kornzangen, Sinusklemmen  
Dressing Forceps, Sinus Forceps  
Pinzas para vendajes  
Pinze per medicature, Pinze per seni



BRYANT  
17207-13 13 cm, 5 1/8"



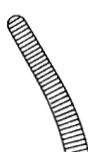
LISTER (Sinus)  
17210-13 13 cm, 5 1/8"  
17210-16 16 cm, 6 1/4"  
17210-18 18 cm, 7"



COLLIN  
17220-25 25 cm, 10"



17226-25



17227-25

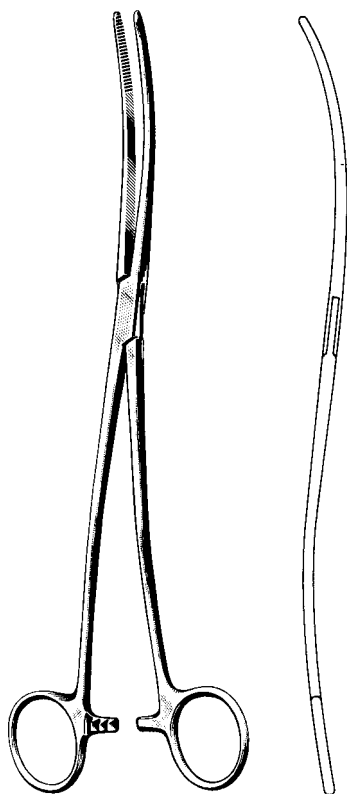


PELKMANN  
25 cm, 10"

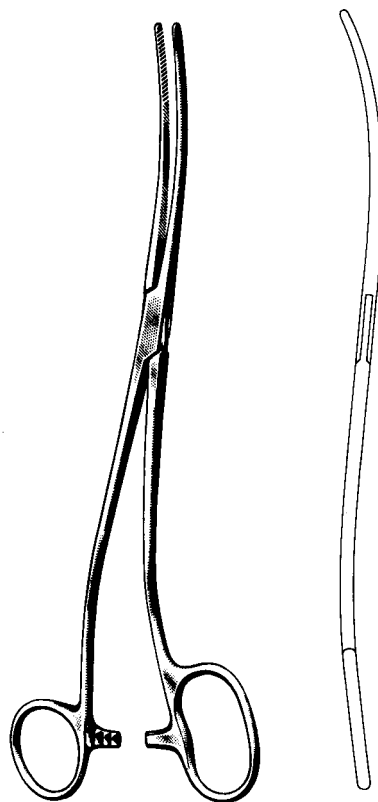


CHERON  
17229-25 25 cm, 10"

Tamponzangen  
Dressing Forceps  
Pinzas para tapones  
Pinze per tamponi



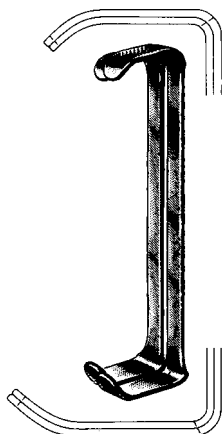
— BOZEMANN —  
17230-26 17231-26  
26 cm, 10 1/4"



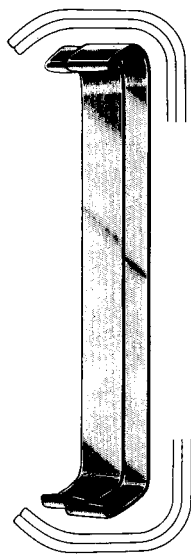
BOZEMANN-DOUGLAS  
17233-26  
26 cm, 10 1/4"

## Wundhaken Retractors Separadores Divaricatori

Satz, set, juego, serie



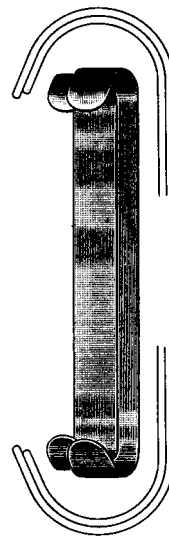
FARABEUF  
19102-12  
12 cm, 4 3/4"



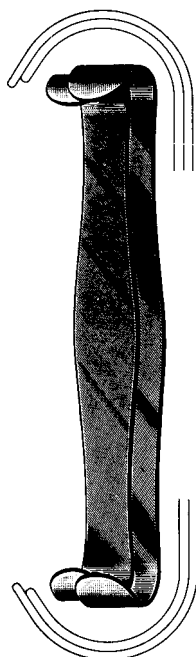
FARABEUF  
19102-15  
15 cm, 6"



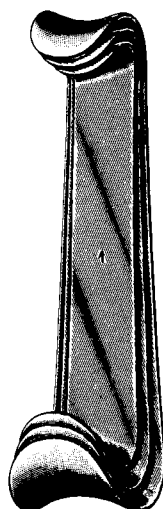
COLLIN  
19104-15  
15 cm, 6"



PARKER  
19110-13  
13,5 cm, 5 1/4"



PARKER  
19110-18 18 cm, 7"



ROUX  
19120-00

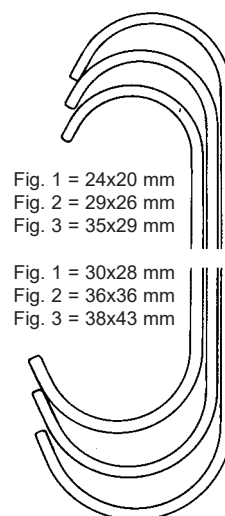


Fig. 1 = 24x20 mm  
Fig. 2 = 29x26 mm  
Fig. 3 = 35x29 mm

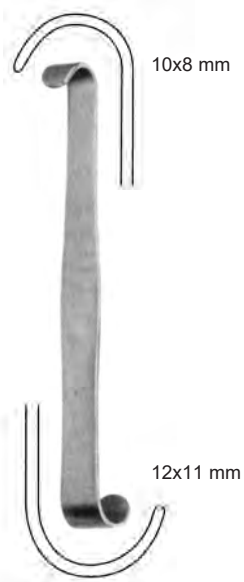
Fig. 1 = 30x28 mm  
Fig. 2 = 36x36 mm  
Fig. 3 = 38x43 mm

19120-14 Fig. 1 14 cm, 5 1/2"  
19120-15 Fig. 2 15 cm, 6"  
19120-17 Fig. 3 17 cm, 6 3/4"

Wundhaken  
Retractors  
Separadores  
Divaricatori



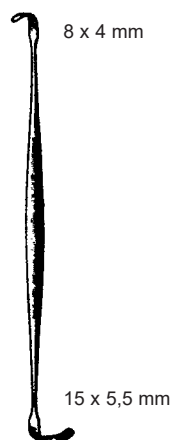
ROUX BABY  
19122-13  
13 cm, 5 1/8"



LUER  
19123-11  
11 cm, 4 3/8"



ROUX mini  
19124-15  
14 cm, 5 1/2"



RAGNELL  
19125-14  
14 cm, 5 1/2"

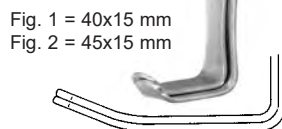
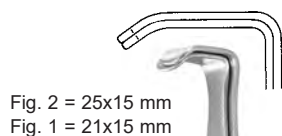


ROSE  
19126-13  
13 cm, 5 1/8"

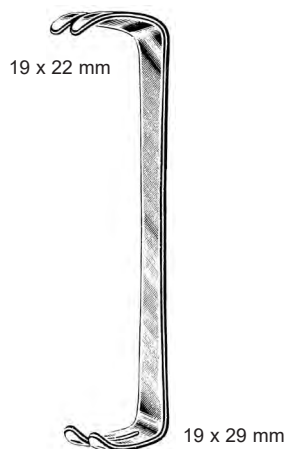


CRILE  
19127-11  
11,5 cm, 4 1/2"

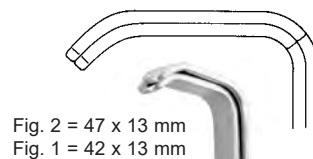
Wundhaken  
Retractors  
Separadores  
Divaricatori



US ARMY / PARKER-LANGENBECK  
19131-21 21 cm, 8 1/4"



MAYO-COLLINS  
19132-15 15 cm, 6"



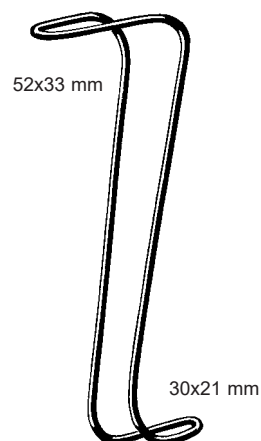
MATHIEU  
19134-20 20 cm, 8"



GOELET  
19135-19 19 cm, 7 1/2"

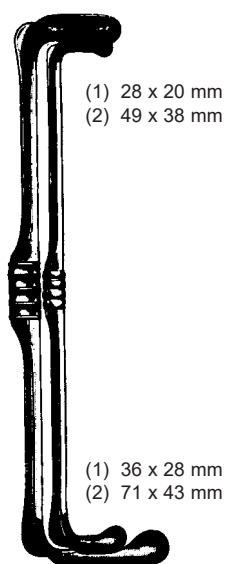


CZERNY  
19136-20 17,5 cm, 6,9"



COLLIN-HARTMANN  
19137-16 16 cm, 6 1/4"

Wundhaken  
Retractors  
Separadores  
Divaricatori

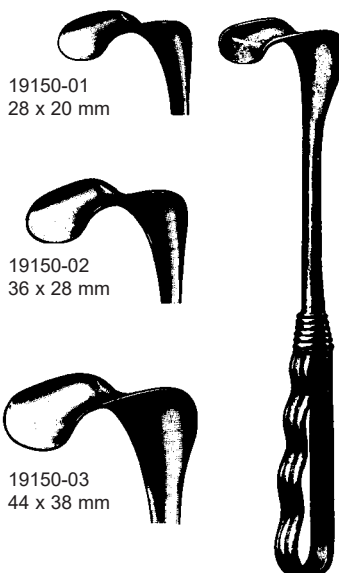


RICHARDSON-EASTMAN

(Set) 19140-00

(1) 19140-01 26 cm, 10 1/4"

(2) 19140-02 28 cm, 11"



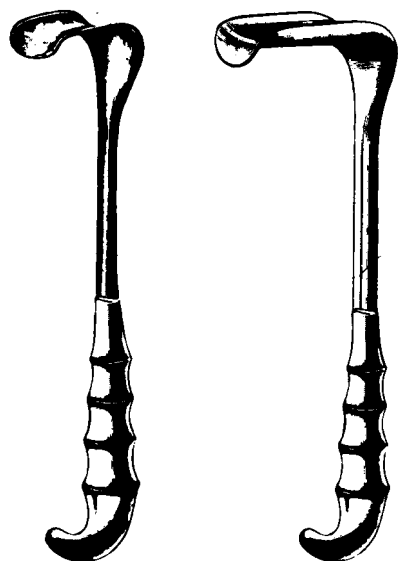
RICHARDSON

24 cm, 9 1/2"



RICHARDSON

19150-04  
24 cm, 9 1/2"



RICHARDSON GRIP

25 cm, 10"

19152-25 20 x 25 mm

19152-31 25 x 31 mm

19152-38 38 x 38 mm

19152-51 19 x 51 mm

19152-64 41 x 64 mm

KELLY GRIP

25 cm, 10"

19158-51 38 x 51 mm

19158-64 51 x 64 mm

19158-76 64 x 76 mm

19158-82 70 x 82 mm



KELLY

26 cm, 10 1/4"

Wundhaken  
Retractors  
Separadores  
Divaricatori



19160-17



SENN-MILLER  
17 cm, 6 3/4"



19161-17

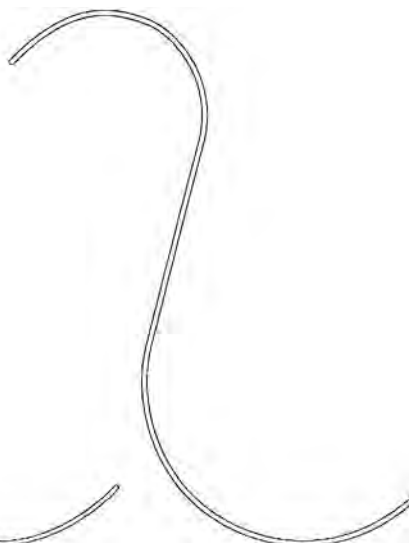


HASSON

**Satz, set, juego, serie**



19162-10 10 mm  
16 cm, 6 1/4"



19162-13 13 mm  
18 cm, 7"

Bauch- und Darmspatel  
 Abdominal and intestinal spatulas  
 Separadores, espátula intestinal y abdominal  
 Divaricatori, spatole addominali e intestinali

biegsam, malleable, maleable, malleabili



RIBBON

|          |             |
|----------|-------------|
| 19168-06 | 6 x 200 mm  |
| 19168-08 | 8 x 200 mm  |
| 19168-10 | 10 x 200 mm |
| 19168-12 | 12 x 200 mm |
| 19168-17 | 17 x 200 mm |
| 19168-20 | 20 x 200 mm |
| 19168-25 | 25 x 200 mm |
| 19169-25 | 25 x 250 mm |

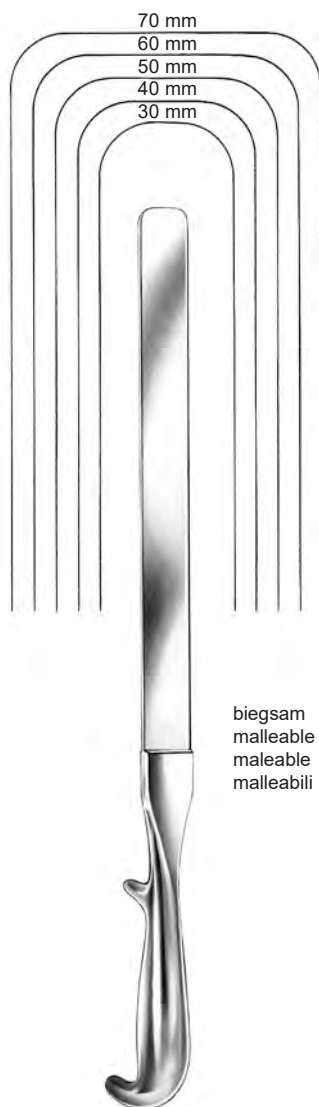


RIBBON

|          |             |
|----------|-------------|
| 19170-20 | 20 x 330 mm |
| 19170-25 | 25 x 330 mm |
| 19170-32 | 32 x 330 mm |
| 19170-40 | 40 x 330 mm |
| 19170-45 | 45 x 330 mm |
| 19170-50 | 50 x 330 mm |
| 19170-65 | 65 x 330 mm |
| 19170-76 | 76 x 330 mm |



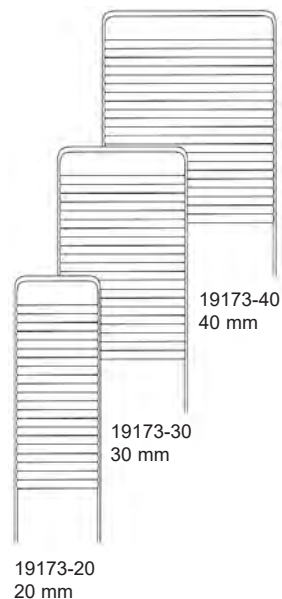
Bauch- und Darmspatel  
 Abdominal and intestinal spatulas  
 Separadores, espátula intestinal y abdominal  
 Divaricatori, spatole addominali e intestinali



biegsam  
 malleable  
 maleable  
 malleabili

41 cm, 16"  
 19171-30 30 mm  
 19171-40 40 mm  
 19171-50 50 mm  
 19171-60 60 mm  
 19171-70 70 mm

Bauch- und Darmspatel  
 Abdominal and intestinal spatulas  
 Separadores, espátula intestinal y abdominal  
 Divaricatori, spatole addominali e intestinali

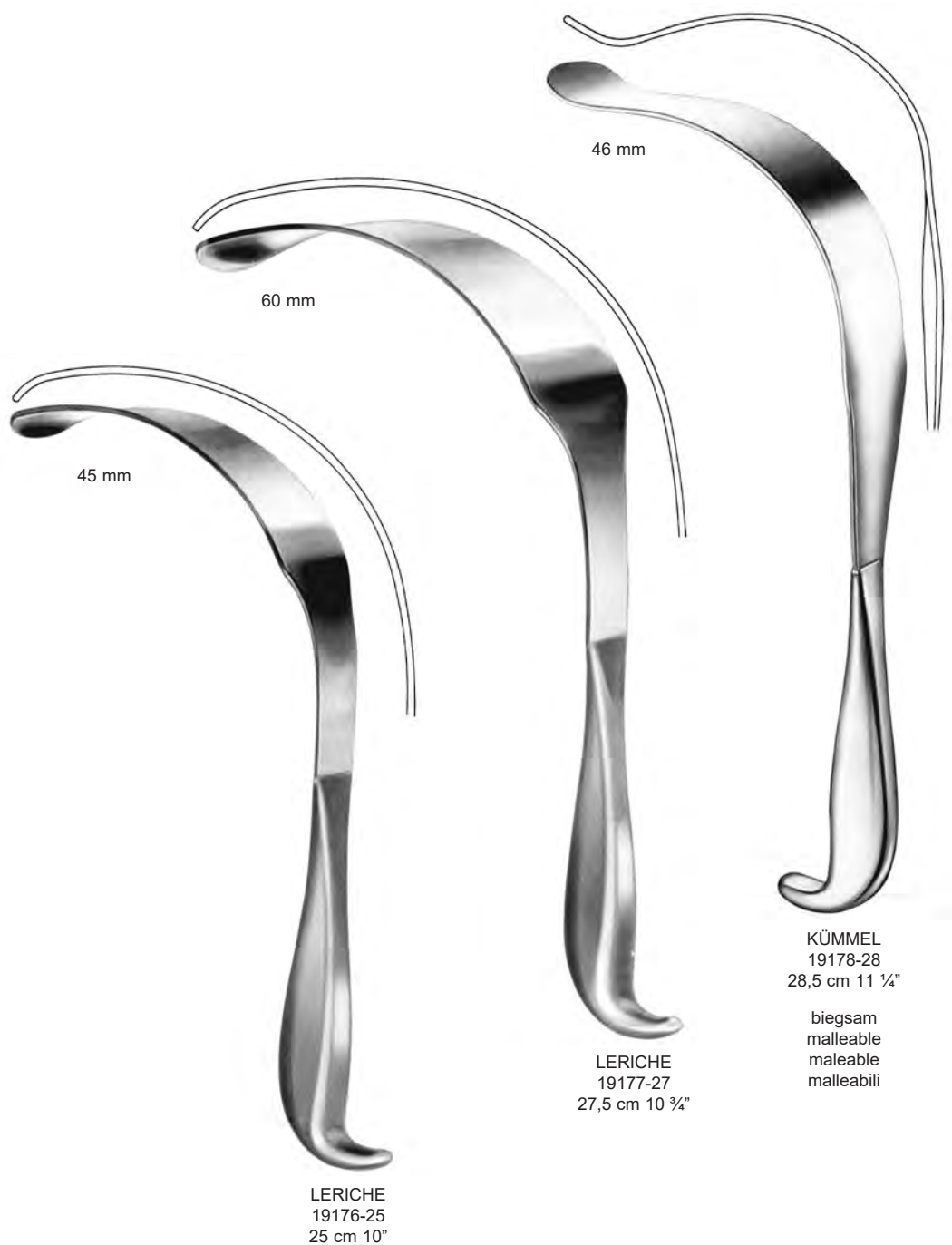


HABERER  
 19174-17 17/25 x 200 mm  
 19174-25 25/30 x 280 mm  
 19174-37 37/45 x 300 mm  
 19174-40 40/50 x 300 mm



REVERDIN  
 19175-28  
 28 cm, 11"

Bauch- und Darmspatel  
Abdominal and intestinal spatula  
Separadores, espátula intestinal y abdominal  
Divaricatori, spatole addominali e intestinali



Bauchspatel  
Abdominal Spatulas  
Espátula abdominal  
Spatola addominale



KÜMME  
19179-28  
31 cm 12 1/4"

Wundhaken  
Retractors  
Separadores  
Divaricatori



19 mm

DEAVER  
19180-19  
19 cm, 7 ½"



22 mm

DEAVER  
19181-22  
21,5 cm, 8 ½"



25 mm

DEAVER  
19181-25  
23 cm, 9"



25 mm

DEAVER  
19183-25  
30 cm, 11 ¾"



25 mm

DEAVER  
19185-25  
33 cm, 13"



25 mm

DEAVER  
19187-25  
36 cm, 14"

Wundhaken  
Retractors  
Separadores  
Divaricatori



38 mm

DEAYER  
19187-38  
30 cm, 11 3/4"



50 mm

DEAYER  
19187-50  
31 cm, 12 1/4"



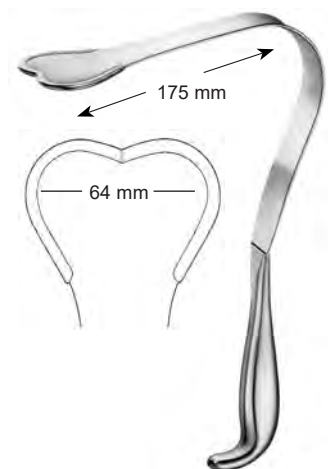
75 mm

DEAYER  
19187-75  
32 cm, 12 3/4"

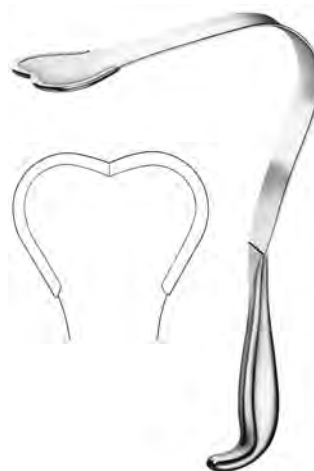


DEAYER GRIP  
19189-25 25 x 310 mm  
19189-38 38 x 310 mm  
19189-50 50 x 310 mm  
19189-75 75 x 310 mm  
31 cm 12 1/4"

Wundhaken  
Retractors  
Separadores  
Divaricatori



HARRINGTON-PEMBERTON  
19190-64  
29,5 cm 11 3/4"



HARRINGTON  
19191-25 25x230 mm  
19191-40 40x320 mm  
19191-62 62x320 mm



TUFFIER  
19192-23  
23 cm, 9"

Wundhaken  
Retractors  
Separadores  
Divaricatori

30°  
rechts  
right  
a la derecha  
a destra



COOLEY  
19195-01  
24,5 cm, 9 3/4"

30°  
rechts, gerieft  
right serrated  
a la derecha, estriado  
a destra, zigrinato



COOLEY  
19195-02  
24,5 cm, 9 3/4"

30°  
links  
left  
a la izquierda  
a sinistra



COOLEY  
19195-03  
25,5 cm, 10"



Aortahaken  
Aorta Retractors  
Separadores para aorta  
Divaricatori per aorta



ROSS

flexibler Schaft  
flexible shaft  
vástagó flexible  
asta flessibile

13 x 16 mm



19196-01  
24 cm, 9 1/2"

11 x 22 mm



19196-02  
24,5 cm, 9 3/4"

15 x 23 mm



19196-03  
25 cm, 10"

12 x 28 mm



19196-04  
25,5 cm, 10"

27 x 27 mm



19196-05  
27 cm, 10 1/2"

38 x 24 mm



19196-06  
25,5 cm, 10"

Hauthäkchen  
Nerve and wound hooks  
Ganchos y ganchitos para nervios  
Uncini per nervi e divaricatori fini



GRAEFE  
19210-12  
scharf  
sharp  
agudo  
acuto



GRAEFE  
19211-12  
stumpf  
blunt  
romo  
smusso



12 cm, 4  $\frac{3}{4}$ "



GUTHRIE  
19212-01



GUTHRIE  
19212-02



scharf  
sharp  
agudo  
acuto  
A



stumpf  
blunt  
romo  
smusso  
B

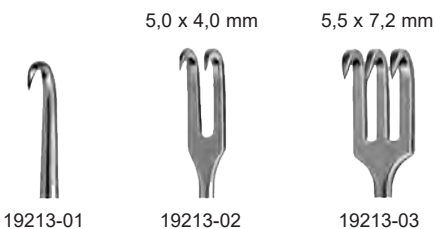
#### FRAZIER

|   |          |           |
|---|----------|-----------|
| A | 19214-13 | 13 cm, 5" |
| A | 19214-18 | 18 cm, 7" |
| B | 19215-13 | 13 cm, 5" |
| B | 19215-18 | 18 cm, 7" |

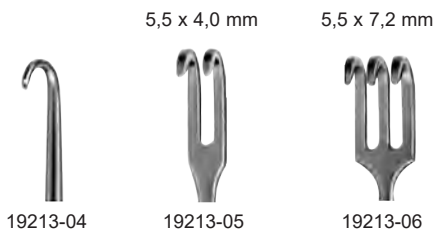
Wundhaken mit treangle-griff  
 Retractor with treangle handle  
 Retractor con mango triangular  
 Divaricatore con impugnatura a treangolo



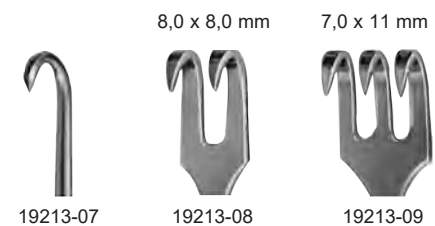
enge Biegung, scharf  
 small curved sharp  
 pequeña curva afilada  
 piccolo curvo affilato



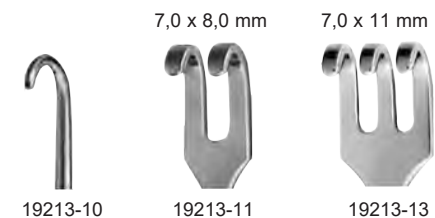
enge Biegung, stumpf  
 small curved blunt  
 pequeño y curvado romo  
 piccolo curvo smussato



weite Biegung, scharf  
 large curved sharp  
 gran curva afilada  
 grande curvo affilato



weite Biegung, stumpf  
 large curved blunt  
 gran curva roma  
 grande curvo smussato



Wundhaken mit treangle-griff  
 Retractor with treangle handle  
 Retractor con mango triangular  
 Divaricatore con impugnatura a treangolo

enge Biegung, stumpf, flexibler schaft  
 small curved blunt, flexible shaft  
 pequeño y curvado romo, eje flexible  
 piccolo curvo smussato, albero flessibile



MANNERFELT  
 19214-04  
 15,5 cm, 6"



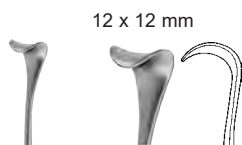
MANNERFELT  
 19214-16  
 15,5 cm, 6"



LANGENBECK-MANNERFELT  
 15,5 cm, 6"

Wundhaken mit treangle-griff  
 Retractor with treangle handle  
 Retractor con mango triangular  
 Divaricatore con impugnatura a treangolo

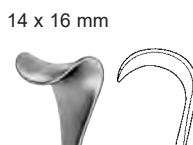
Sattelhaken  
 Saddle hooks  
 Ganchos de sillas  
 Ganci da sella



19215-14



19215-15



19215-16



12 x 12 mm

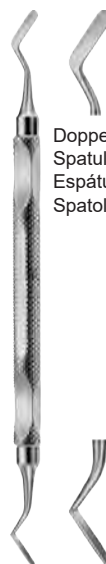
MANNERFELT  
 15,5 cm, 6"

MANNERFELT  
 19215-05  
 15,5 cm, 6"



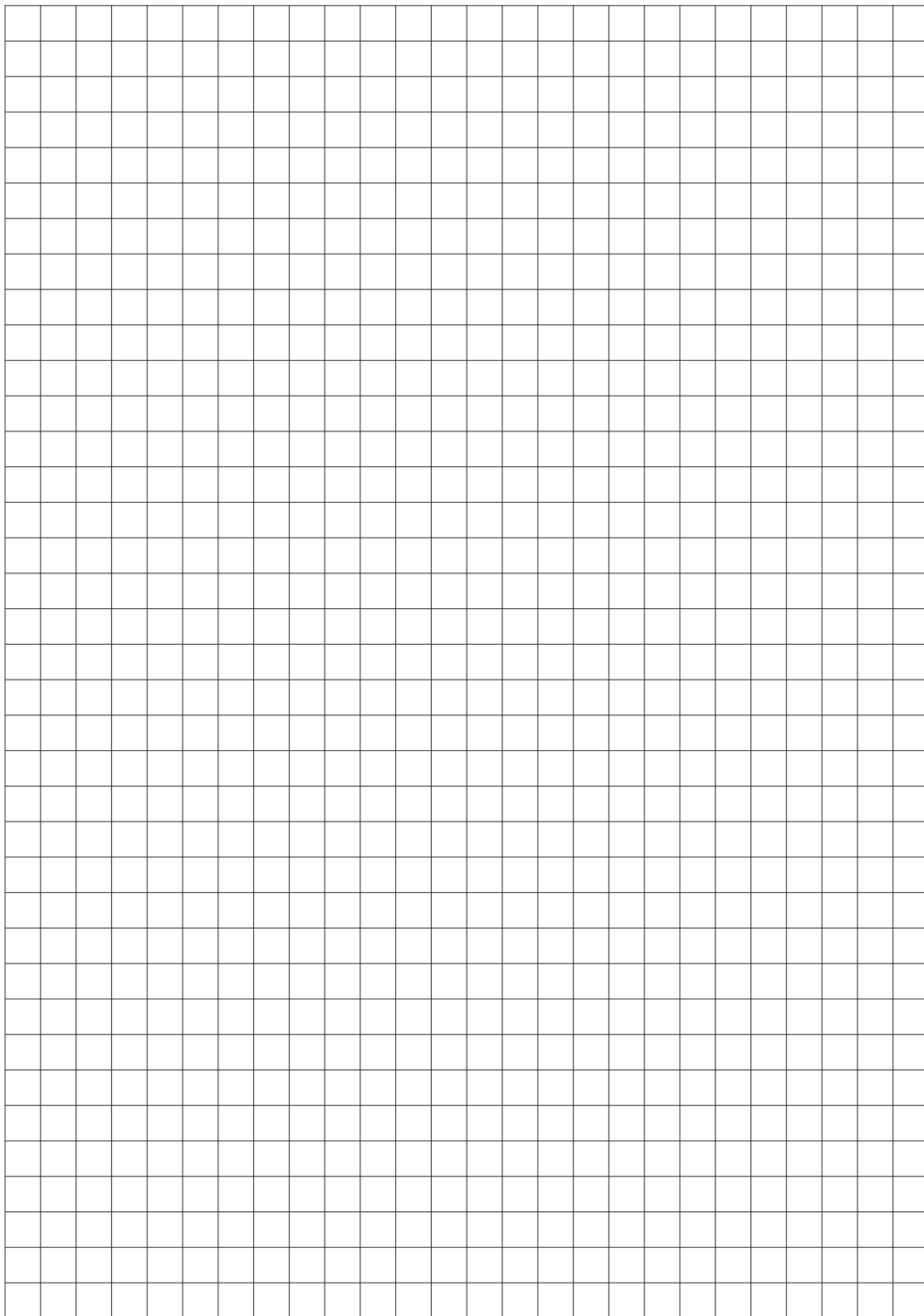
MANNERFELT  
 19215-06  
 16 cm, 6 1/4"

Sehnen-Doppelhaken  
 Tendon double hook  
 Gancho doble del tendón  
 Gancio doppio del tendine

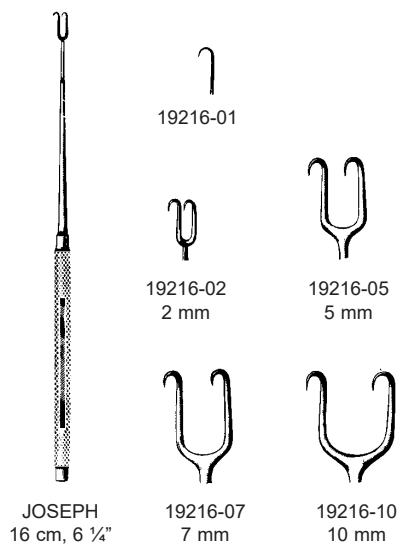


MANNERFELT  
 19215-07  
 16 cm, 6 1/4"

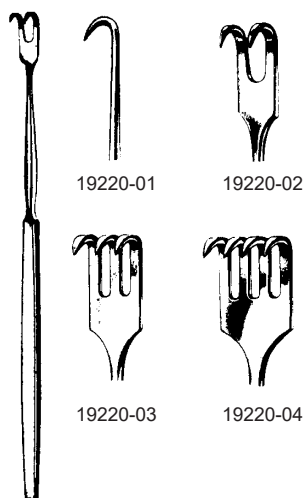
Doppelspatel  
 Spatula, double-ended  
 Espátula, doble punta  
 Spatola, a doppia punta



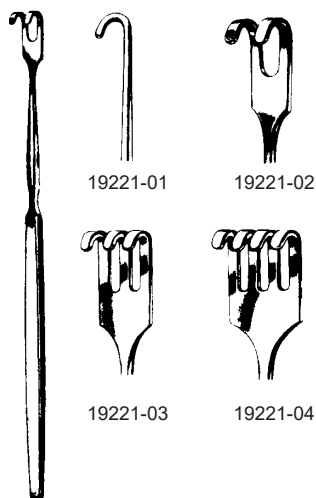
Hauthäkchen  
Nerve and wound hooks  
Ganchos y ganchitos para nervios  
Uncini per nervi e divaricatori fini



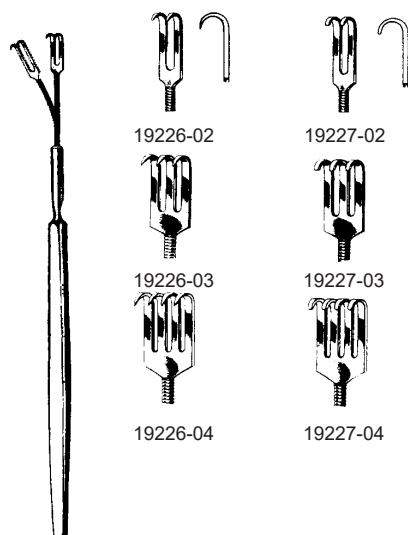
Hauthäkchen  
Nerve and wound hooks  
Ganchos y ganchitos para nervios  
Uncini per nervi e divaricatori fini



REDA  
16 cm, 6 1/4"



REDA  
16 cm, 6 1/4"



REDA, flexibel  
16 cm, 6 1/4"



KLAPP  
17,5 cm, 6.9"



Sattelhäkchen  
Saddle Hooks  
Ganchos en forma de silla  
Divaricatori a forma di sella



DESMARRES  
16 cm, 6 1/4"



19230-12 12 mm



19230-10 10 mm



19230-14 14 mm



19230-16 16 mm



19230-18 18 mm



19231-11  
11x14 mm



19231-13  
13x18 mm



19231-15  
15x22 mm

CUSHING  
25 cm, 10"



CUSHING  
20 cm, 8"



19232-08 8 mm



19232-10 10 mm



19232-12 12 mm



19232-14 14 mm



19232-16 16 mm

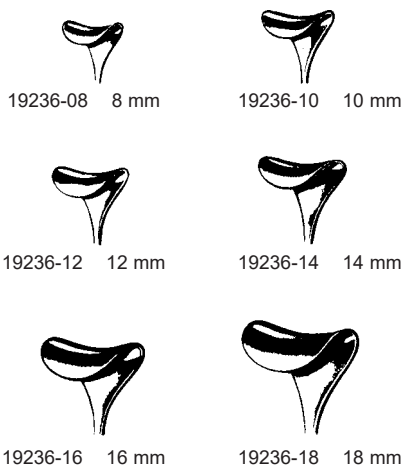


19232-18 18 mm

Sattelhäkchen  
Saddle Hooks  
Ganchos en forma de silla  
Divaricatori a forma di sella

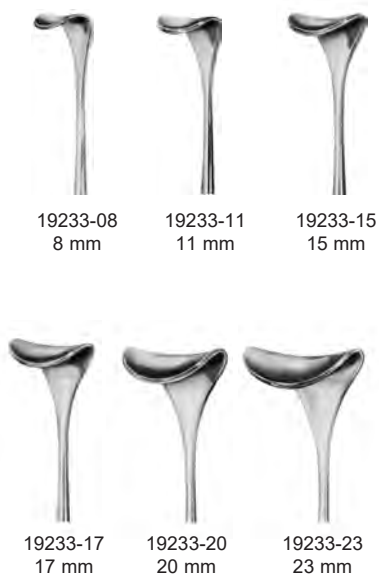


CUSHING  
24 cm, 9 ½"

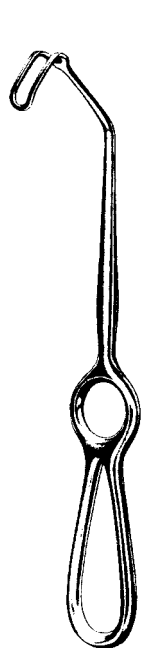


GIL-VERNET  
24 cm, 9 ½"

biegsam  
malleable  
maleable  
malleabile



Wundhaken  
Retractors  
Separadores  
Divaricatori



CUSHING  
19234-20  
20 cm, 8"



CUSHING  
19235-21  
21,5 cm, 8 1/2"



19236-01  
13x13 mm



19236-02  
12x16 mm



KÖNIG  
18 cm, 7"



19240-10 10x6 mm



19240-20 20x6 mm



SENN-GREEN  
15 cm, 6"



19250-16  
16x6 mm



19250-24  
24x6 mm



LANGENBECK-GREEN  
16 cm, 6 1/4"



19270-02



19271-02



19270-03



19271-03



19270-04



19271-04



19270-06

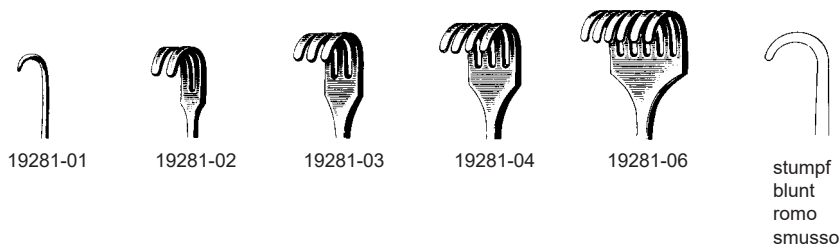
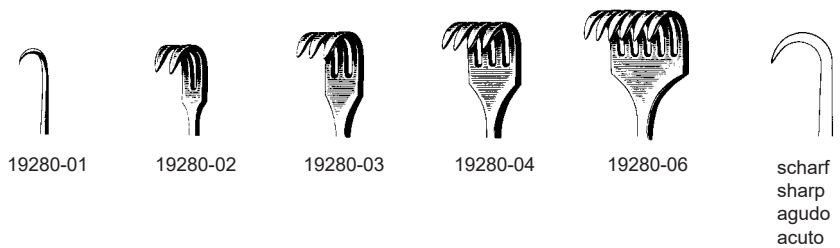


19271-06



VOLKMANN  
11,5 cm, 4 1/2"

Wundhaken  
Retractors  
Separadores  
Divaricatori



VOLKMANN  
21,5 cm, 8 1/2"

Wundhaken  
Retractors  
Separadores  
Divaricatori



19296-01



19296-02



19296-03



19296-04



19296-06



19296-08



scharf  
sharp  
agudo  
acuto



19297-01



19297-02



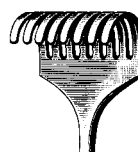
19297-03



19297-04



19297-06



19297-08



stumpf  
blunt  
romo  
smusso



KOCHER  
22 cm, 8 3/4"

Wundhaken  
Retractors  
Separadores  
Divaricatori



scharf  
sharp  
agudo  
acuto

VOLKMANN  
19298-01  
22 cm 8  $\frac{3}{4}$ "



stumpf  
blunt  
romo  
smusso

VOLKMANN  
19299-01  
22 cm 8  $\frac{3}{4}$ "

Wundhaken  
Retractors  
Separadores  
Divaricatori



MEYERDING  
18 cm, 7"



19302-01 18x7 mm



19302-04 7x4 mm



19302-02 16x5 mm



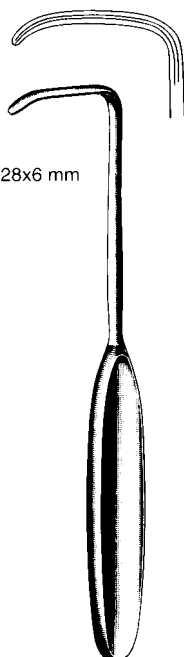
19302-05 10x3 mm



19302-03 7x4 mm



19302-06 10x4 mm



28x6 mm

LAHEY  
19304-19  
19 cm, 7 1/2"



12x14 mm

LITTLE  
19306-20  
20 cm, 8"



19307-01



19307-02

STRANDELL-STILLE  
17 cm 6 3/4"

Wundhaken  
Retractors  
Separadores  
Divaricatori

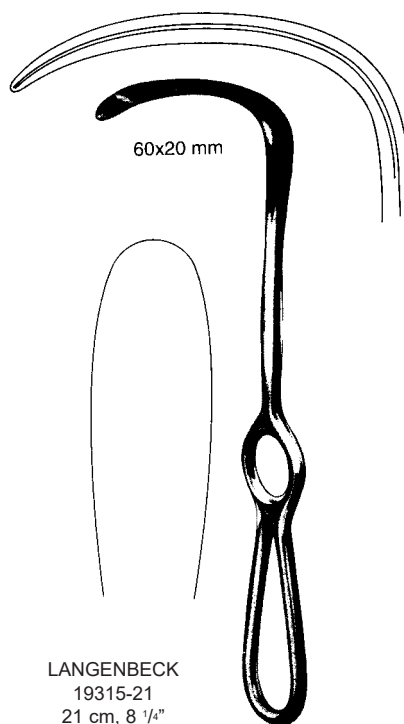
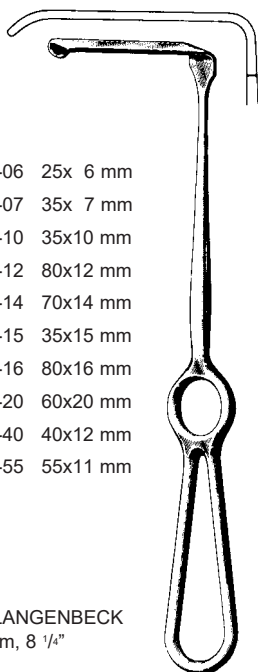




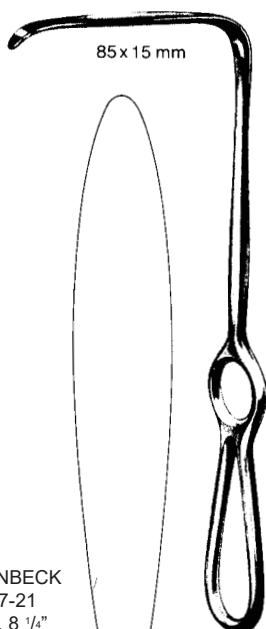
Wundhaken  
Retractors  
Separadores  
Divaricatori

- 19315-06 25x 6 mm
- 19314-07 35x 7 mm
- 19314-10 35x10 mm
- 19314-12 80x12 mm
- 19314-14 70x14 mm
- 19314-15 35x15 mm
- 19314-16 80x16 mm
- 19314-20 60x20 mm
- 19330-40 40x12 mm
- 19330-55 55x11 mm

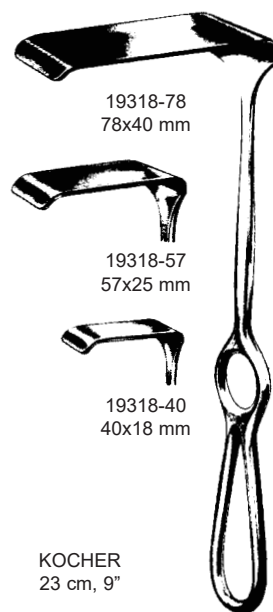
KOCHER-LANGENBECK  
21 cm, 8 1/4"



LANGENBECK  
19315-21  
21 cm, 8 1/4"

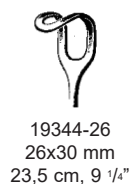
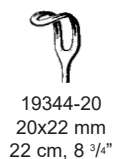
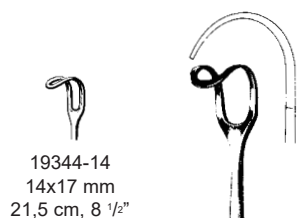


LANGENBECK  
19317-21  
21 cm, 8 1/4"



KOCHER  
23 cm, 9"

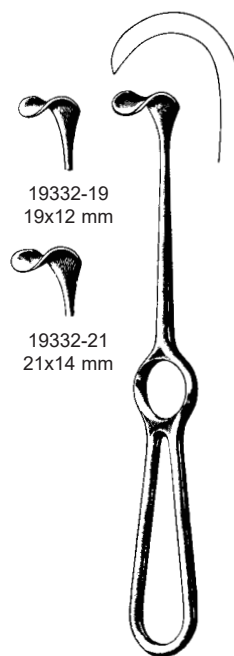
Wundhaken  
Retractors  
Separadores  
Divaricatori



MIDDELDORPF  
19344-14 - 19344-26



KOCHER  
19340-10 40x10 mm  
19340-15 40x15 mm  
19340-20 40x20 mm  
22 cm, 8 3/4"



KOCHER  
19332-19 - 19332-21  
19 cm, 7 1/2"



MIDDELDORPF  
19345-01 45x45 mm  
25,5 cm, 10"



19345-02  
45x50 mm



19345-03  
55x70 mm



GREEN  
19348-22  
22 cm, 8 3/4"

Wundhaken  
Retractors  
Separadores  
Divaricatori

35 x 8 mm



ZENKER  
19350-35  
25 cm, 10"

60 x 12 mm



ZENKER  
19350-60  
26 cm, 10 1/4"

75 x 12 mm

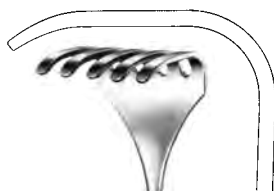


ZENKER  
19350-70  
27,5 cm, 10.8"

Wundhaken  
Retractors  
Separadores  
Divaricatori



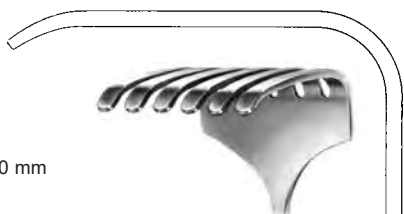
ISRAEL  
19364-40 40X40 mm  
25 cm, 10"



19364-50 45x50 mm



19364-60 50x60 mm



19364-70 70x70 mm



35x55 mm

OLLIER  
19360-04 22,5 cm, 8.9"



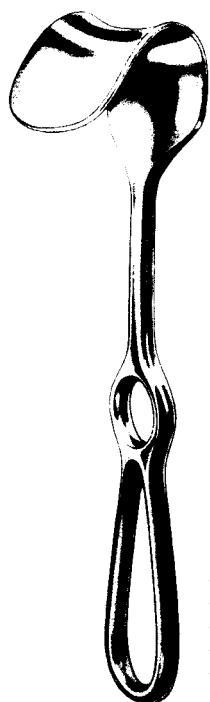
40x30 mm

spitz  
sharp  
agudo  
acuto

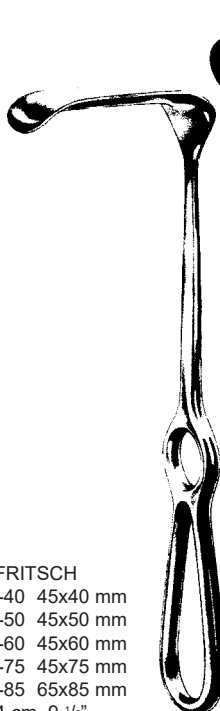
stumpf  
blunt  
romo  
smusso

KOERTE  
19366-08 23,5 cm, 9 1/4" 19367-08

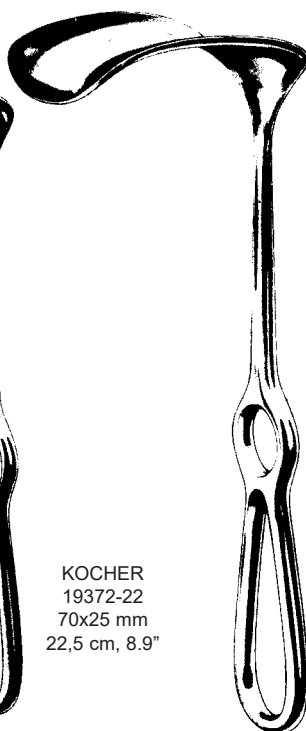
Wundhaken  
Retractors  
Separadores  
Divaricatori



**FRITSCH**  
19370-40 45x40 mm  
19370-50 45x50 mm  
19370-60 45x60 mm  
19370-75 45x75 mm  
19370-85 65x85 mm  
24 cm, 9 1/2"



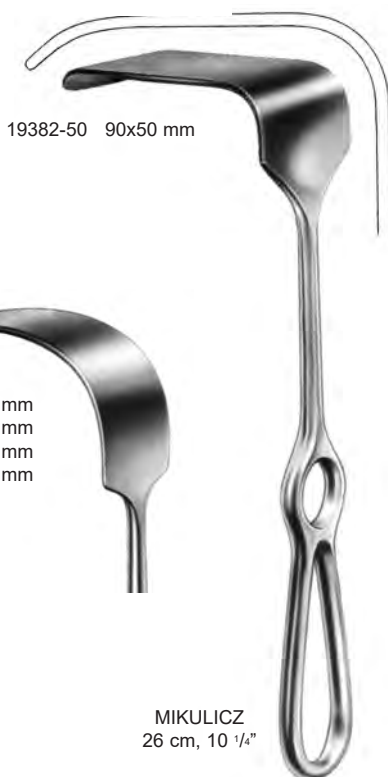
**KOCHER**  
19372-22  
70x25 mm  
22,5 cm, 8.9"



**KOCHER**  
19374-45 80x45 mm  
19374-55 80x55 mm  
19374-65 80x65 mm  
25 cm, 10"



**DOYEN**  
19378-25  
25 cm, 10"



**MIKULICZ**  
26 cm, 10 1/4"

19380-35 95x35 mm  
19380-50 120x50 mm  
19381-50 150x50 mm  
19383-50 180x50 mm

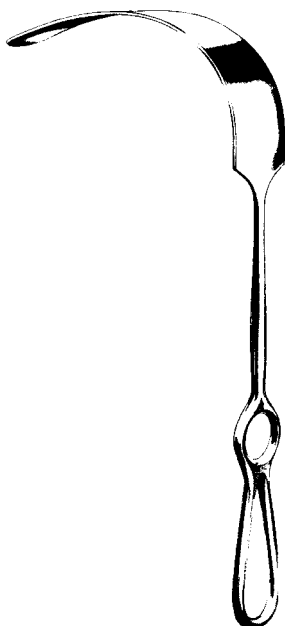
19382-50 90x50 mm

Wundhaken  
Retractors  
Separadores  
Divaricatori



19388-40 70x40 mm  
19388-50 70x50 mm  
19388-65 70x65 mm

MORRIS  
24,5 cm  
9 3/4"



KELLY  
19385-38 160x38 mm  
19385-57 160x57 mm  
27 cm, 10 1/2"

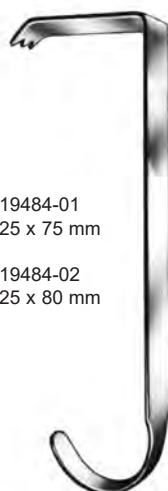


SIMON  
19480-22 115x22 mm  
19480-27 115x27 mm  
28 cm, 11"



19482-45 45x25 mm  
19482-73 73x28 mm  
19482-82 82x28 mm

HEANEY  
27 cm, 10 1/2"



19484-01  
25 x 75 mm  
19484-02  
25 x 80 mm

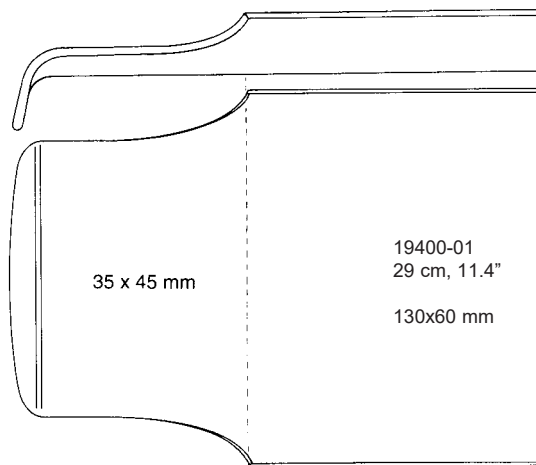
HIBBS  
24 cm, 9 1/2"



125x37 mm

SAUERBRUCH  
19492-25  
25 cm, 10"

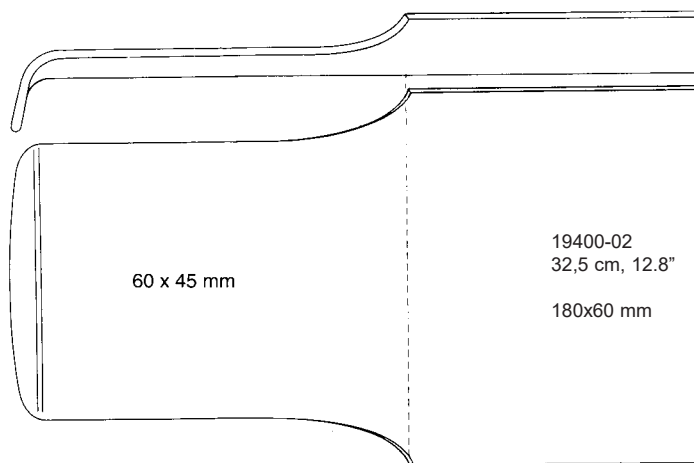
Pelvis-Haken  
Pelvis retractor  
Retractor de pelvis  
Divaricatori pelvici



35 x 45 mm

19400-01  
29 cm, 11.4"

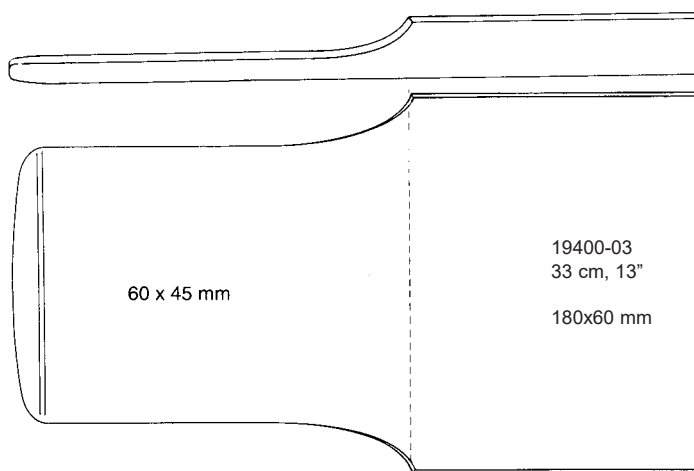
130x60 mm



60 x 45 mm

19400-02  
32,5 cm, 12.8"

180x60 mm



60 x 45 mm

19400-03  
33 cm, 13"

180x60 mm



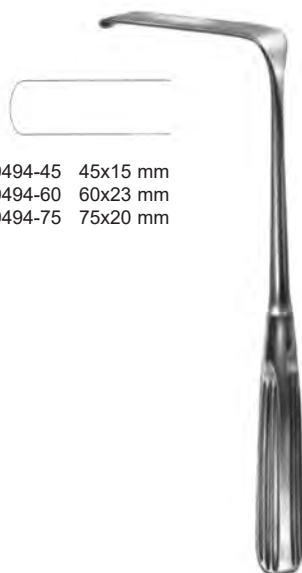
ST. MARKS  
19400-01 19400-03

Wundhaken, Scapulahaken  
 Retractors, Scapula Retractors  
 Separadores, Separadores para escápula  
 Divaricatori, Divaricatori per scapola



19490-65 115x65 mm  
 19490-43 108x43 mm  
 19490-22 82x22 mm

CORYLLOS (Thorax)  
 24 cm, 9 1/2"



19494-45 45x15 mm  
 19494-60 60x23 mm  
 19494-75 75x20 mm

SAUERBRUCH  
 22,5 cm, 8.9"



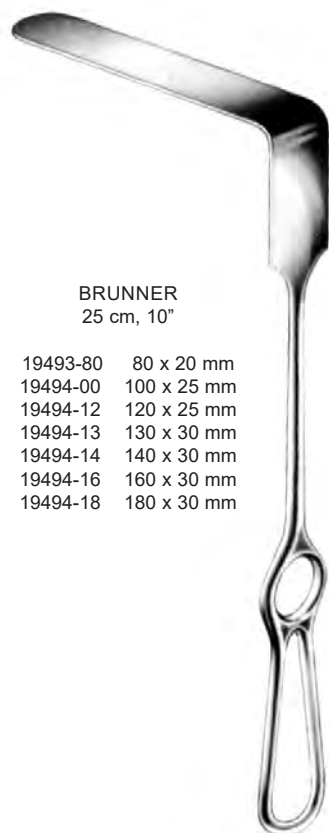
DAVIDSON  
 19496-50 75x50 mm



DAVIDSON  
 19496-90 75x90 mm

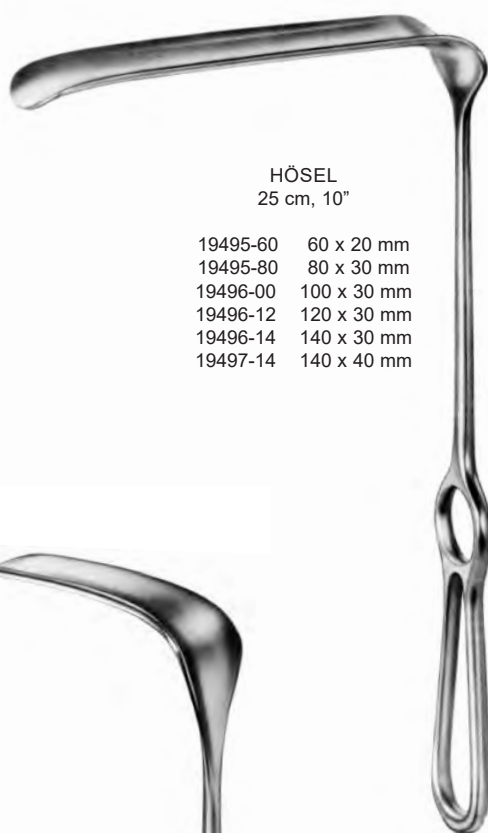


Wundhaken  
Retractors  
Separadores  
Divaricatori



BRUNNER  
25 cm, 10"

|          |             |
|----------|-------------|
| 19493-80 | 80 x 20 mm  |
| 19494-00 | 100 x 25 mm |
| 19494-12 | 120 x 25 mm |
| 19494-13 | 130 x 30 mm |
| 19494-14 | 140 x 30 mm |
| 19494-16 | 160 x 30 mm |
| 19494-18 | 180 x 30 mm |



HÖSEL  
25 cm, 10"

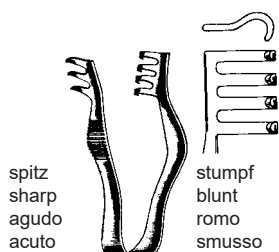
|          |             |
|----------|-------------|
| 19495-60 | 60 x 20 mm  |
| 19495-80 | 80 x 30 mm  |
| 19496-00 | 100 x 30 mm |
| 19496-12 | 120 x 30 mm |
| 19496-14 | 140 x 30 mm |
| 19497-14 | 140 x 40 mm |



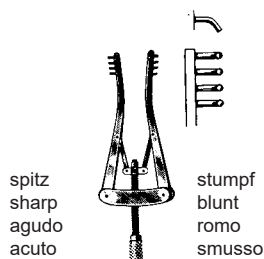
DOYEN-STILLE  
25 cm, 10"

|          |             |
|----------|-------------|
| 19498-01 | 97 x 29 mm  |
| 19498-02 | 101 x 31 mm |
| 19498-03 | 127 x 52 mm |

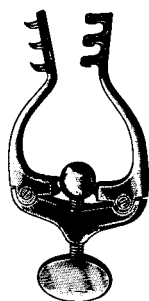
Wundsperrer, Kieferhöhlensperrer  
 Retractors, Antrum Retractor  
 Separadores, Separadores para seno maxilar  
 Divaricatori, Divaricatori per seno mascellare



FINSEN  
 19610-07 7 cm, 2  $\frac{3}{4}$ " 19611-07



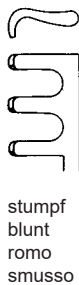
ALM  
 19620-07 7 cm, 2  $\frac{3}{4}$ " 19621-07  
 19620-10 10 cm, 4" 19621-10



JANSEN  
 19630-10  
 10 cm, 4"



JANSEN  
 19631-10  
 10 cm, 4"



HOLZHEIMER  
 19634-10 19635-10  
 10 cm, 4"

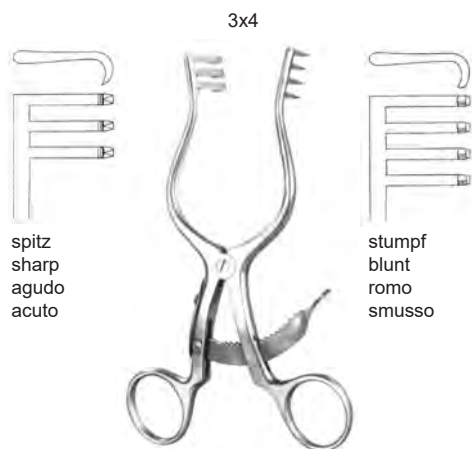


PERKINS  
 19636-14  
 13 cm, 5  $\frac{1}{8}$ "

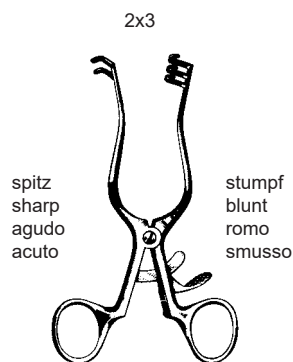


PERKINS  
 19637-14  
 13 cm, 5  $\frac{1}{8}$ "

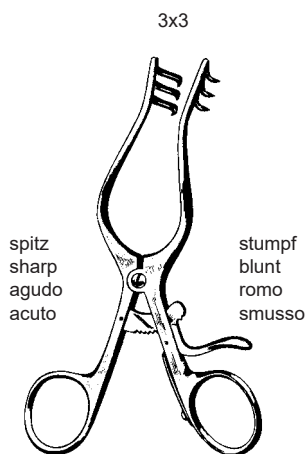
Wundsperrer  
Retractors  
Separadores  
Divaricatori



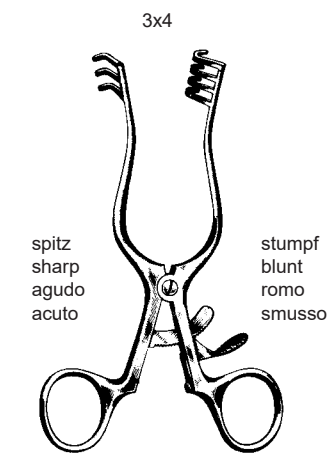
SCALP-CONTOUR  
19640-14 - 19641-14  
13,5 cm, 5 1/4"



WEITLANER  
19650-10 19651-10  
11,5 cm, 4 1/2"

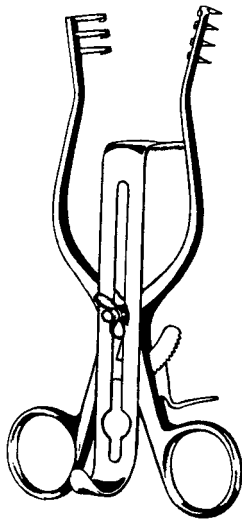


WEITLANER-WULLSTEIN  
19654-13 19655-13  
13 cm, 5 1/8"



WEITLANER  
19670-14 14,0 cm, 5 1/2" 19671-14  
19670-16 16,5 cm, 6 1/2" 19671-16  
19670-20 20,0 cm, 8" 19671-20  
19670-24 24,0 cm, 9 1/2" 19671-24

Wundsperrerr  
Retractors  
Separadores  
Divaricatori



HENLEY  
19675-00 - 19677-32  
16,5 cm, 6 1/2"

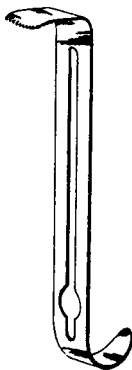


19675-00 komplett, stumpf, 3x4 Z. und 3 Valven  
19675-00 complete, blunt, 3x4 teeth and 3 blades  
19675-00 completo, romo, 3x4 dientes y 3 valvas  
19675-00 completo, smusso, 3x4 d. e 3 valve

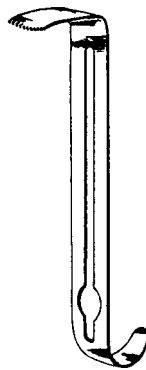
19676-00 komplett, scharf, 3x4 Z. und 3 Valven  
19676-00 complete, sharp, 3x4 teeth and 3 blades  
19676-00 complete, agudo, 3x4 dientes y 3 valvas  
19676-00 completo con retr. acuto 3x4 d. e 3 valve

19678-05 Retraktor allein, stumpf 3x4 Zähne  
19678-05 Retractor only, blunt 3x4 teeth  
19678-05 Separador solo, romo, 3x4 dientes  
19678-05 Retrattore solo, smusso 3x4 denti

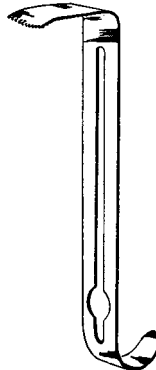
19678-06 Retraktor allein, spitz 3x4 Zähne  
19678-06 Retractor only, sharp 3x4 teeth  
19678-06 Separador solo, agudo, 3x4 dientes  
19678-06 Retrattore solo, acuto 3x4 denti



19677-19  
16x19 mm  
5/8" x 3/4"



19677-25  
16x25 mm  
5/8" x 1"



19677-32  
16x32 mm  
5/8" x 1 1/4"

Wundsperrer  
Retractors  
Separadores  
Divaricatori



**PLESTER**  
19672-11 11 cm, 4  $\frac{3}{8}$ "  
stumpf - blunt - romo - smusso



**PLESTER**  
19673-11 11 cm, 4  $\frac{3}{8}$ "  
stumpf - blunt - romo - smusso



**MOLLISON**  
19674-15 15 cm, 6"  
scharf - sharp - agudo - acuto



**WULLSTEIN**  
19675-13 13 cm, 5  $\frac{1}{8}$ "  
stumpf - blunt - romo - smusso

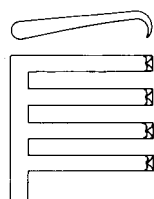
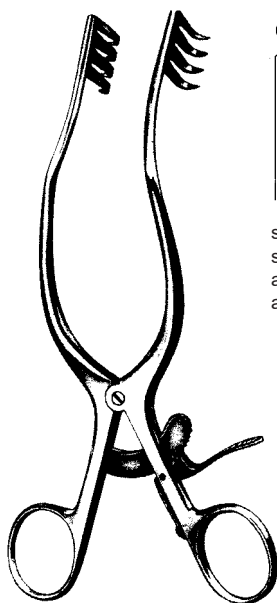


**PLESTER**  
19677-13 13 cm, 5  $\frac{1}{8}$ "  
scharf - sharp - agudo - acuto



**MAYO-ADAMS**  
19678-16 16,5 cm, 6  $\frac{1}{2}$ "  
stumpf - blunt - romo - smusso

Wundsperrer  
Retractors  
Separadores  
Divaricatori



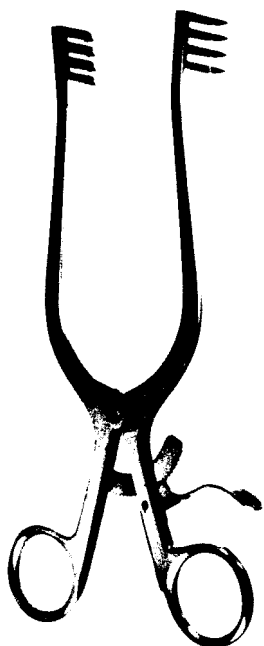
spitz  
sharp  
agudo  
acuto

ANDERSON ADSON  
19679-20 19,5 cm, 7 <sup>3</sup>/<sub>4</sub>"



stumpf  
blunt  
romo  
smusso

NORFOLK / NORWICH  
19679-22 22 cm, 8 <sup>3</sup>/<sub>4</sub>"



spitz  
sharp  
agudo  
acuto

ADSON  
19680-19 19 cm, 7 <sup>1</sup>/<sub>2</sub>" 19681-19

stumpf  
blunt  
romo  
smusso



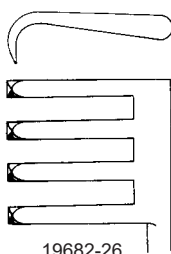
stumpf  
blunt  
romo  
smusso

TRAVERS  
19681-21 21,5 cm, 8 <sup>1</sup>/<sub>2</sub>"

Wundsperrer  
Retractors  
Separadores  
Divaricatori

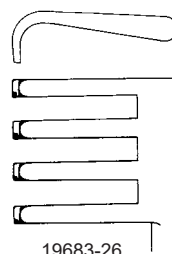


spitz  
sharp  
agudo  
acuto



19682-26

stumpf  
blunt  
romo  
smusso

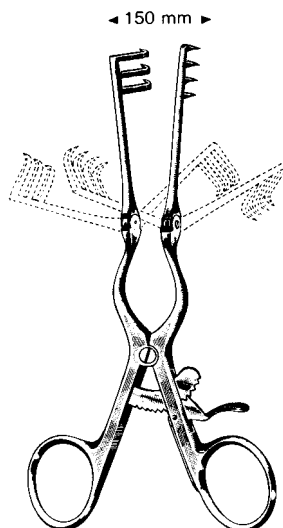


19683-26

ADSON  
19682-26 - 19683-26  
26,5 cm, 10 1/2"

|          |                |
|----------|----------------|
| 19684-14 | 14 cm, 5 1/2"  |
| 19684-16 | 16 cm, 6 1/4"  |
| 19684-20 | 20 cm, 8"      |
| 19684-26 | 26 cm, 10 1/4" |

spitz  
sharp  
agudo  
acuto

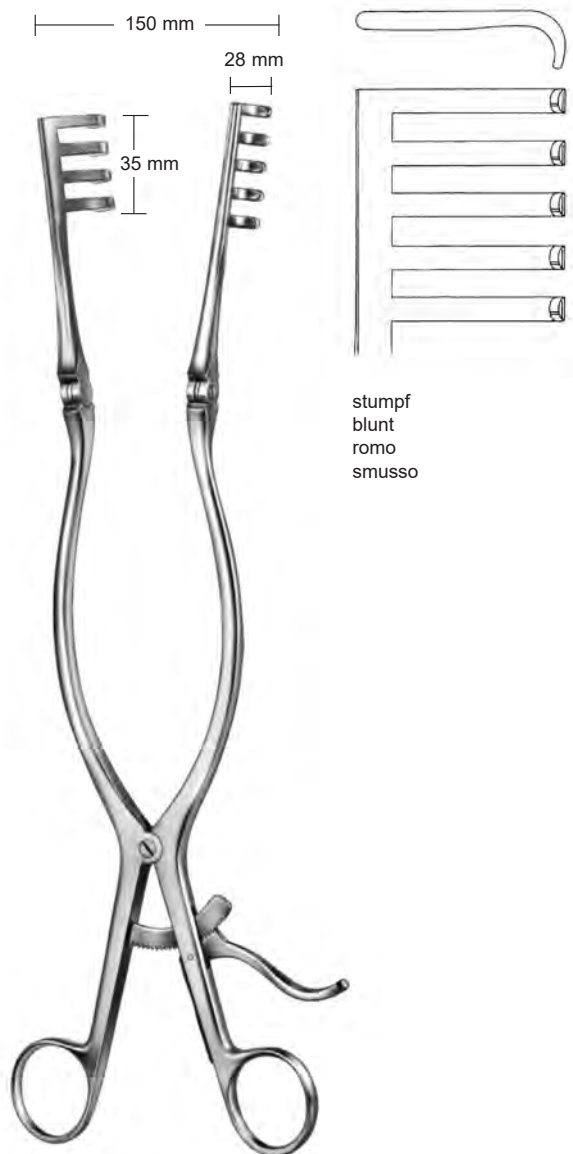


ADSON

|          |                |
|----------|----------------|
| 19685-14 | 14 cm, 5 1/2"  |
| 19685-16 | 16 cm, 6 1/4"  |
| 19685-20 | 20 cm, 8"      |
| 19685-26 | 26 cm, 10 1/4" |

stumpf  
blunt  
romo  
smusso

Wundsperrer  
Retractors  
Separadores  
Divaricatori



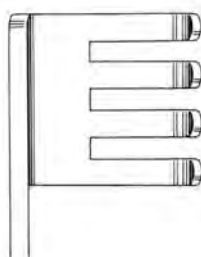
ADSON  
19686-32  
32 cm, 12 3/4"



Wundsperrer  
Retractors  
Separadores  
Divaricatori

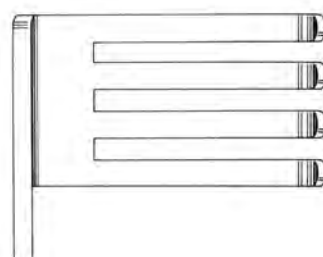


BECKMAN-ADSON  
31 cm, 12 1/4"



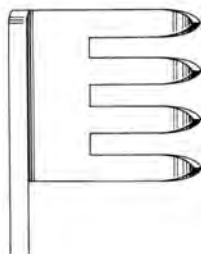
19687-01  
25 x 31 mm

stumpf  
blunt  
romo  
smusso



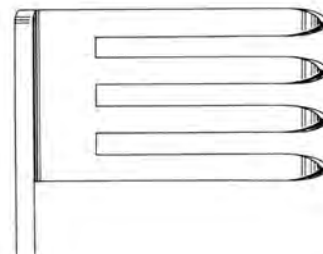
19688-01  
45 x 27 mm

stumpf  
blunt  
romo  
smusso



19687-02  
25 x 31 mm

scharf  
sharp  
agudo  
acuto



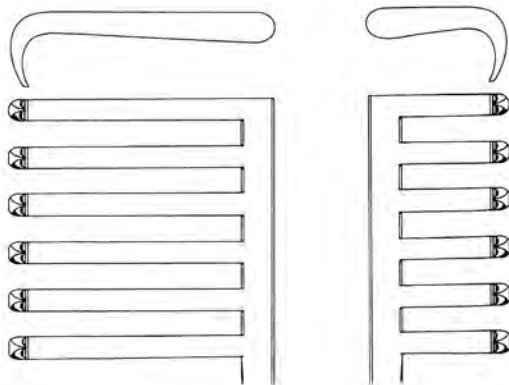
19688-02  
45 x 27 mm

scharf  
sharp  
agudo  
acuto

Wundsperrer  
Retractors  
Separadores  
Divaricatori

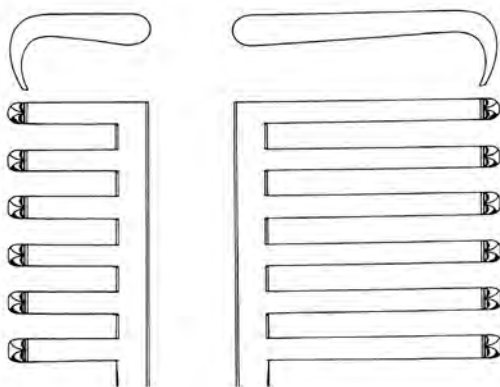


MARTIN  
28,5 cm, 11 1/4"



19689-01  
6x6 Zähne

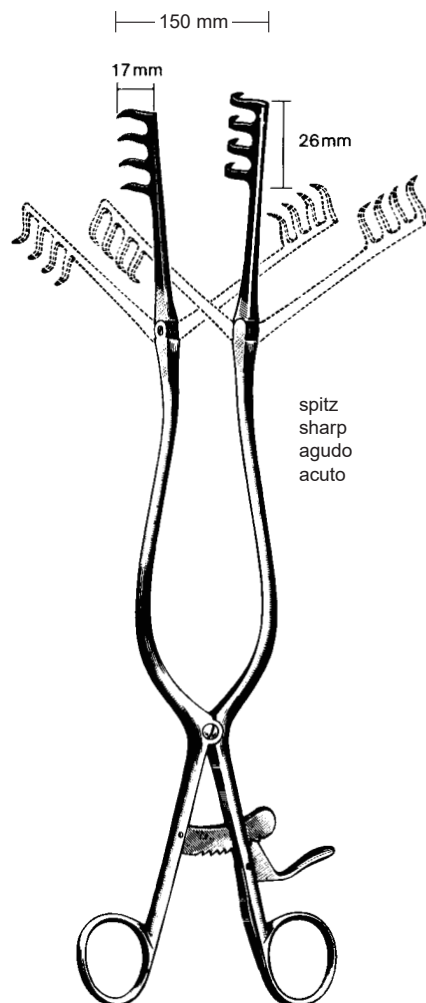
scharf, lange Zähne links  
sharp, long teeth on left side  
agudo, dientes largos a la izquierda  
acuto, denti lunghe a sinistra



19689-02  
6x6 Zähne

scharf, lange Zähne rechts  
sharp, long teeth on right side  
agudo, dientes largos a la derecha  
acuto, denti lunghe a destra

Wundhaken  
Retractors  
Separadores  
Divaricatori



BECKMANN  
19690-31  
31 cm, 12 1/4"



BECKMANN-EATON  
19692-32  
32 cm, 12 3/4"

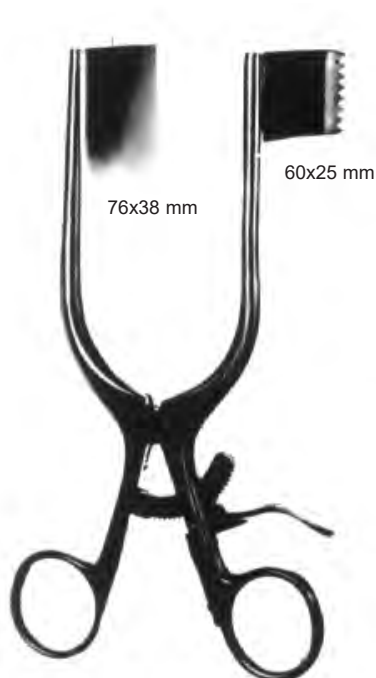
Wundsperrer  
Retractors  
Separadores  
Divaricatori



19694-01 20 cm, 8" 50 x 16 mm  
19694-02 23 cm, 9" 75 x 25 mm  
19694-03 24 cm, 9 1/2" 90 x 50 mm

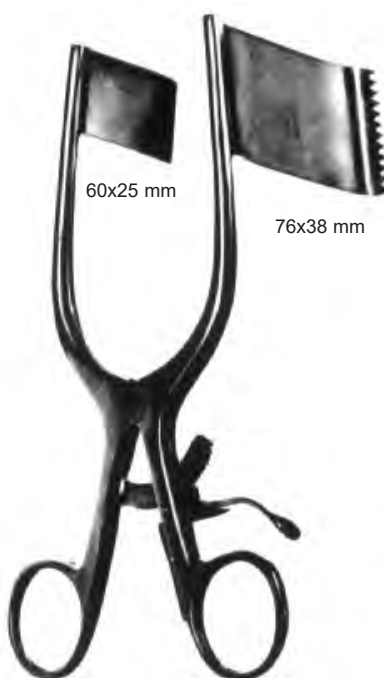
MEYERDING

Hemilaminektomiespreizer  
Hemilaminectomy Retractor  
Separadores para hemilaminectomía  
Divaricatori per emilaminectomia



DARLING  
19696-18 18 cm, 7"

links  
left  
a la izquierda  
a sinistra



DARLING  
19698-18 18 cm, 7"

rechts  
right  
a la derecha  
a destra

Cervicalspreizer  
Cervical Retractor  
Separador cervical  
Divaricatore cervicale



CLOWARD  
25 cm, 10"

spitz  
sharp  
agudo  
acuto



|          |                 |
|----------|-----------------|
| 19710-40 | 40 x 15 / 23 mm |
| 19710-45 | 45 x 15 / 23 mm |
| 19710-50 | 50 x 15 / 23 mm |
| 19710-55 | 55 x 15 / 23 mm |
| 19710-60 | 60 x 15 / 23 mm |

19710-01  
Sperrer, alleine  
Retractor, only  
Retractor, suelto  
Divaricatore solo

19710-00  
Sperrer komplett mit 5 Valven spitz  
Retractor complete with 5 blades sharp  
Separador completo con 5 valvas agudas  
Divaricatore completo con 5 valve acute

Cervicalspreizer  
Cervical Retractor  
Separador cervical  
Divaricatore cervicale



CLOWARD  
25 cm, 10"

stumpf  
blunt  
romo  
smusso



|          |                 |
|----------|-----------------|
| 19711-40 | 40 x 15 / 23 mm |
| 19711-45 | 45 x 15 / 23 mm |
| 19711-50 | 50 x 15 / 23 mm |
| 19711-55 | 55 x 15 / 23 mm |
| 19711-60 | 60 x 15 / 23 mm |

19710-01  
Sperrer, alleine  
Retractor, only  
Retractor, suelto  
Divaricatore solo

19712-00  
Sperrer komplett mit 5 Valven stumpf  
Retractor complete with 5 blades blunt  
Separador completo con 5 valvas romas  
Divaricatore completo con 5 valve smusse

Cervicalspreizer  
Cervical Retractor  
Separador cervical  
Divaricatore cervicale

spitz  
sharp  
agudo  
acuto



|          |                 |
|----------|-----------------|
| 19710-40 | 40 x 15 / 23 mm |
| 19710-45 | 45 x 15 / 23 mm |
| 19710-50 | 50 x 15 / 23 mm |
| 19710-55 | 55 x 15 / 23 mm |
| 19710-60 | 60 x 15 / 23 mm |



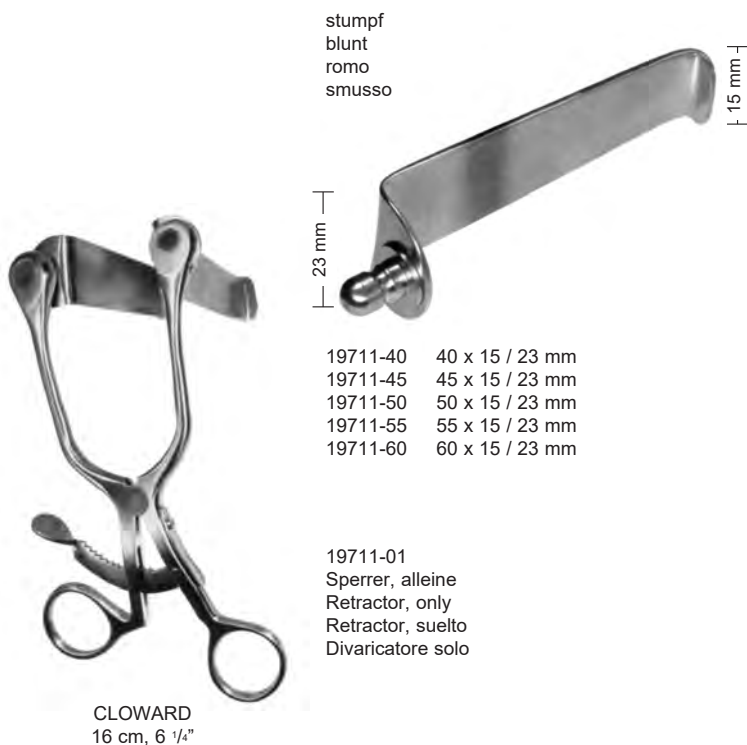
CLOWARD  
16 cm, 6 1/4"

19711-01  
Sperrer, alleine  
Retractor, only  
Retractor, suelto  
Divaricatore solo

19711-00  
Sperrer komplett mit 5 Valven spitz  
Retractor complete with 5 blades sharp  
Separador completo con 5 valvas agudas  
Divaricatore completo con 5 valve acute



Cervicalspreizer  
Cervical Retractor  
Separador cervical  
Divaricatore cervicale



19713-00  
Sperrer komplett mit 5 Valven stumpf  
Retractor complete with 5 blades blunt  
Separador completo con 5 valvas romas  
Divaricatore completo con 5 valve smusse

Cervicalspreizer  
Cervical Retractor  
Separador cervical  
Divaricatore cervicale

90 mm, 3 1/2"



CASPAR  
19721-15  
165 mm, 5 1/2"

Sperrer, alleine  
Retractor, only  
Retractor, suelto  
Divaricatore solo



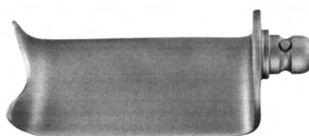
19726-01

Blätter-Wechselpinzette  
Blade ejector  
Pinza para cambiar hojas  
Pinze per cambiare valve

19721-00

Sperrer komplett mit 5 Valven stumpf  
Retractor complete with 5 blades blunt  
Separador completo con 5 valvas romas  
Divaricatore completo con 5 valve smusse

|          |            |
|----------|------------|
| 19738-45 | 45 x 23 mm |
| 19738-50 | 50 x 23 mm |
| 19738-55 | 55 x 23 mm |
| 19738-60 | 60 x 23 mm |
| 19738-65 | 65 x 23 mm |



Lumbal-Wundspreizer  
Lumbal Retractors  
Separadores lumbales autoestáticos  
Divaricatori autostatici lombari



CASPAR  
19744-00  
komplett mit 7 Blätter  
compl. incl. 7 blades  
completo con 7 valvas  
complete di 7 valve

19744-17  
ohne Blätter  
without blades  
sin valvas  
senza valve



19745-40  
40 mm, 1 1/2"



19745-45  
45 mm, 1 3/4"



19745-60  
60 mm, 2 1/4"



19745-50  
50 mm, 2"



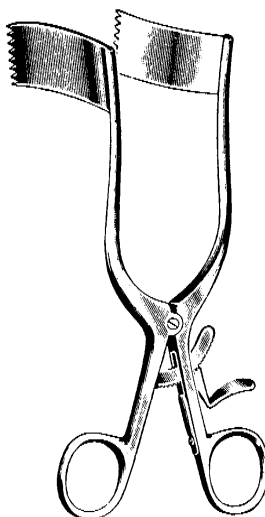
19745-65  
65 mm, 2 1/2"



19745-55  
55 mm, 2 1/8"



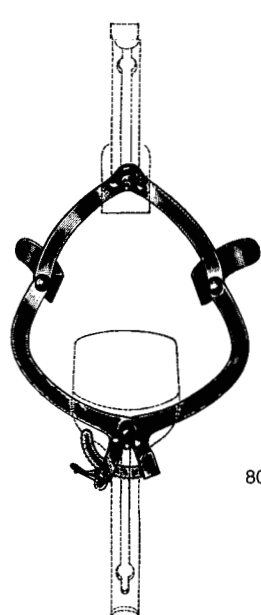
19745-70  
70 mm, 2 3/4"



MEYERDING  
17 cm, 6 3/4"

19748-01 2,5 x 3,2 cm  
19748-02 2,5 x 5,4 cm  
19748-03 1,9 x 6,0 cm  
19748-04 2,5 x 6,0 cm

Bauchdeckenhalter  
Abdominal Retractors  
Separadores abdominales  
Divaricatori addominali



O'SULLIVAN - O'CONNOR  
19754-00  
compl.



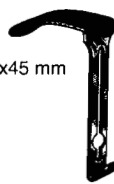
110x70 mm

1



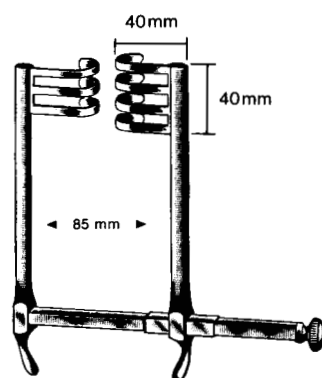
80x45 mm

2

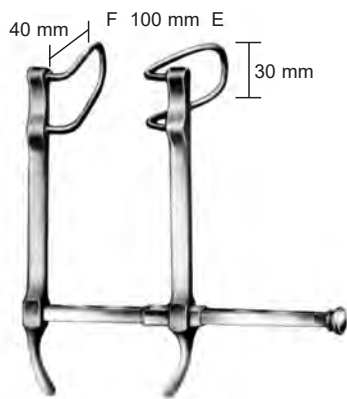


80x45 mm

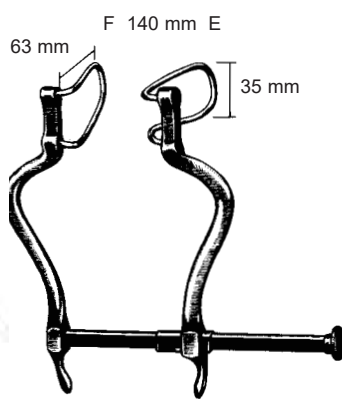
3



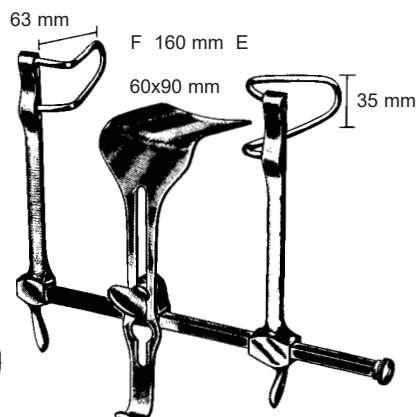
FRAZIER  
19758-85



BABY GOSSET  
19759-00

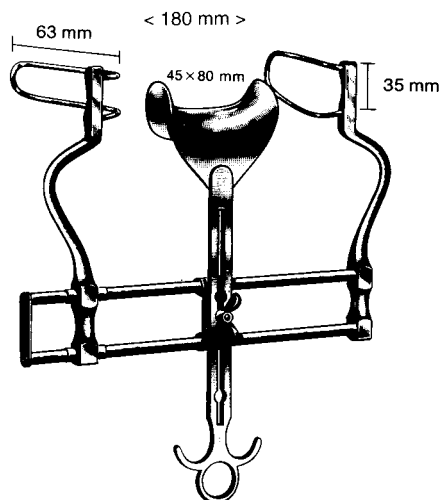


GOSSET  
19760-14

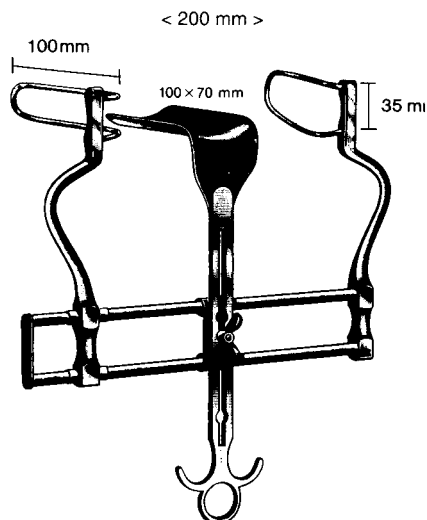


GOSSET  
19762-16

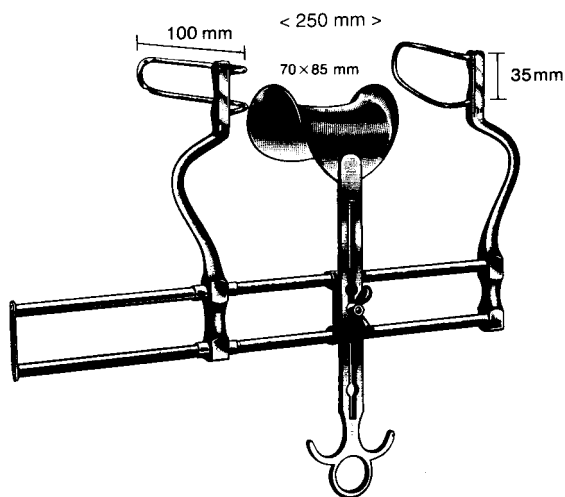
Bauchdeckenhalter  
Abdominal Retractors  
Separadores abdominales  
Divaricatori addominali



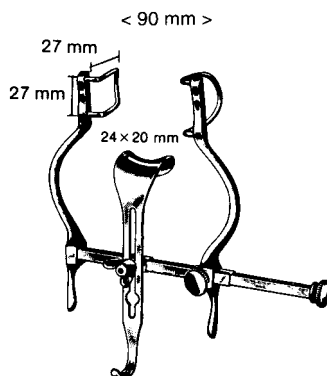
BALFOUR  
19764-18  
18 cm, 7"



BALFOUR  
19764-20  
20 cm, 8"

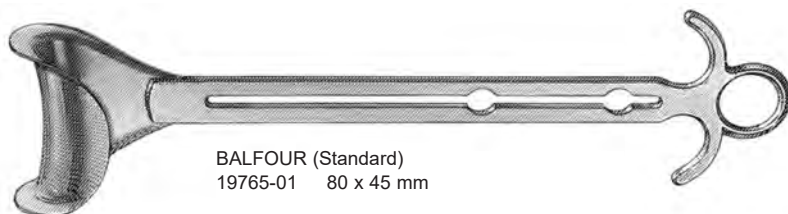


BALFOUR  
19764-25  
25 cm, 10"

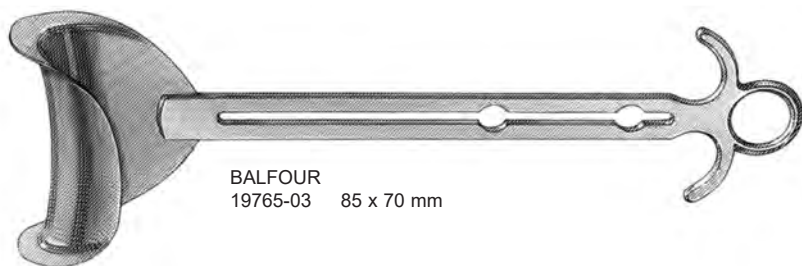


BALFOUR Baby  
19766-90  
9 cm, 3 1/2"

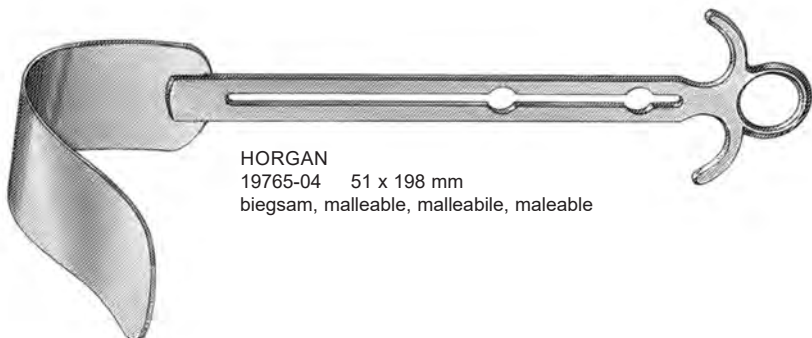
Bauchdeckenhalter  
Abdominal Retractors  
Separadores abdominales  
Divaricatori addominali



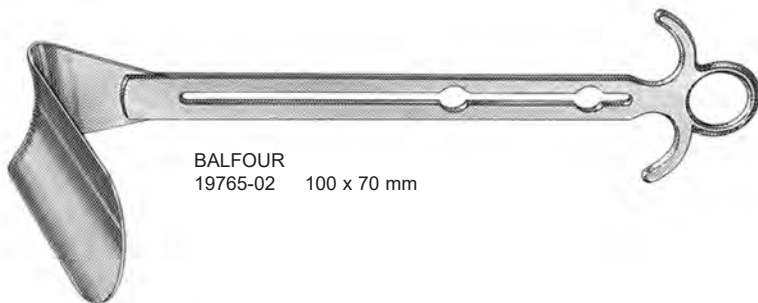
BALFOUR (Standard)  
19765-01 80 x 45 mm



BALFOUR  
19765-03 85 x 70 mm



HORGAN  
19765-04 51 x 198 mm  
biegsam, malleable, malleabile, maleable



BALFOUR  
19765-02 100 x 70 mm

Bauchdeckenhalter  
Abdominal Retractors  
Separadores abdominales  
Divaricatori addominali



BALFOUR-US  
19767-18  
19767-25  
komplett  
complete  
completo

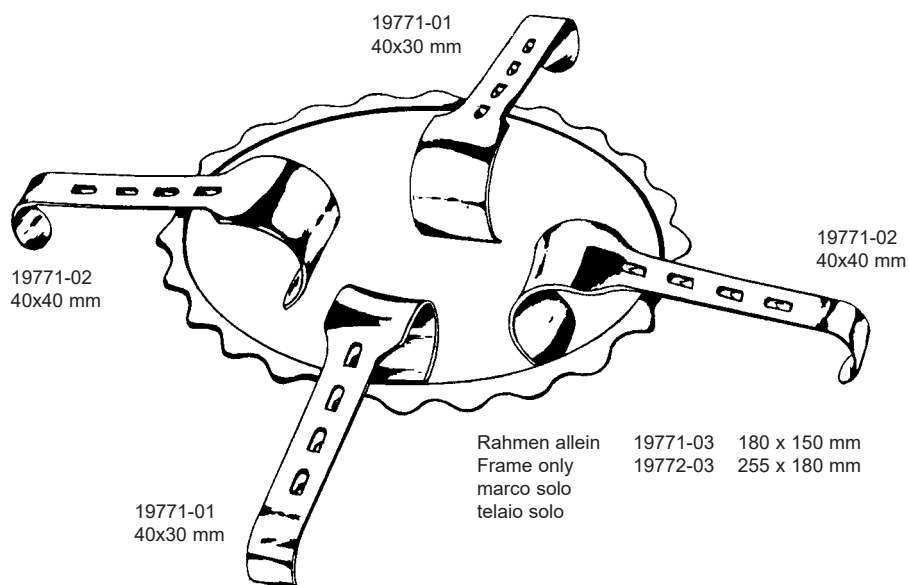


19767-01  
Drahtvalven 5 cm (1.96") tief (Paar)  
Fenestrated blades 5 cm (1.96") deep (pair)  
Valvas de alambre 5 cm (1.96") profundidad (par)  
Valve di filo profondità 5 cm (1.96") (paio)

19767-02  
Drahtvalven 7,5 cm (2.95") tief (Paar)  
Fenestrated blades 7,5 cm (2.95") deep (pair)  
Valvas de alambre 7,5 cm (2.95") profundidad (par)  
Valve di filo profondità 7,5 cm (2.95") (paio)

19767-03  
Drahtvalven 10 cm (4") tief (Paar)  
Fenestrated blades 10 cm (4") deep (pair)  
Valvas de alambre 10 cm (4") profundidad (par)  
Valve di filo profondità 10 cm (10") (paio)

Bauchdeckenhalter  
Abdominal Retractors  
Separadores abdominales  
Divaricatori addominali

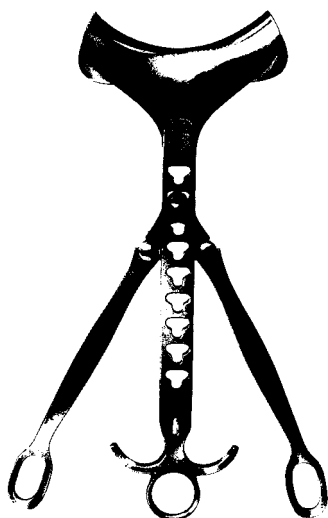


#### DENIS-BROWNE

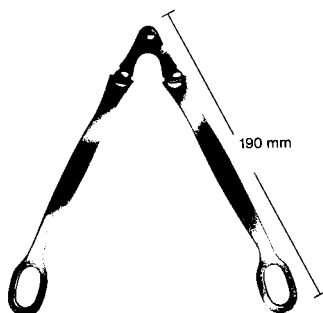
19771-00 compl. Pediatric/pediatrico 180 x 150 mm  
19772-00 compl. Adult/adulto 255 x 180 mm



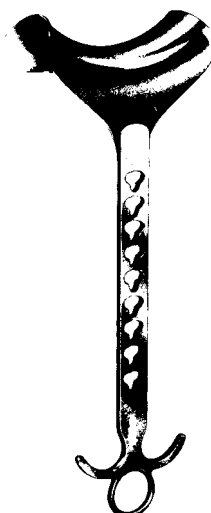
Bauchdeckenhalter  
Abdominal Retractors  
Separadores abdominales  
Divaricatori addominali



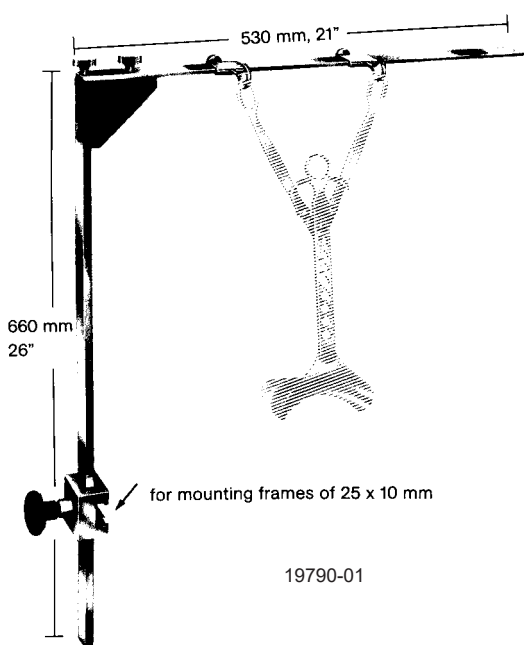
19780-01 + 19770-01



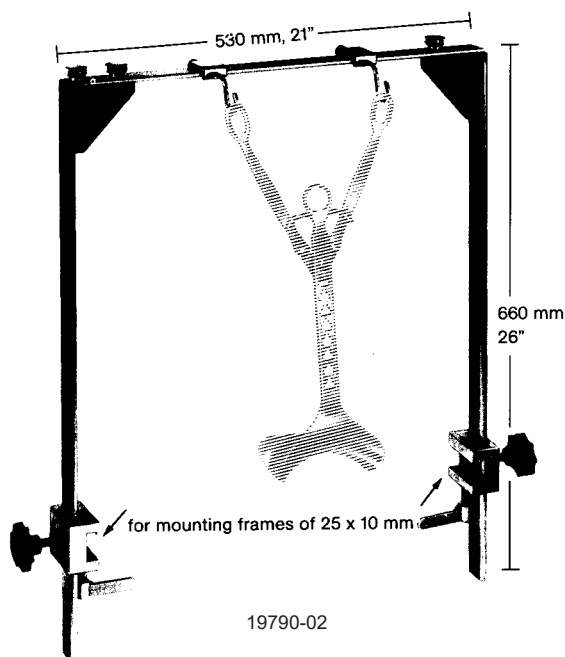
ROCHARD  
19780-01



ROCHARD  
31 cm, 12 1/4"  
19770-01 48x 90 mm  
19770-02 48x105 mm  
19770-03 48x120 mm  
19770-04 48x135 mm  
19770-05 48x155 mm

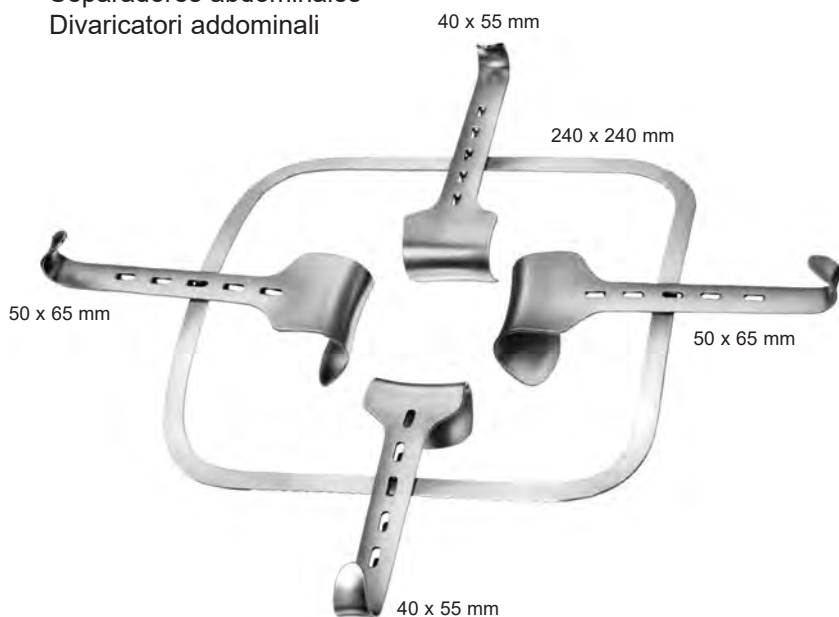


19790-01



19790-02

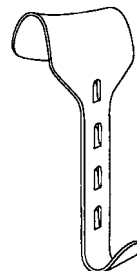
Bauchdeckenhalter  
Abdominal Retractors  
Separadores abdominales  
Divaricatori addominali



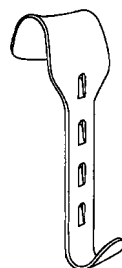
KIRSCHNER

19782-00 Kirschner Bauchdeckenhalter komplett bestehend aus:  
Kirschner Abdominal Retr. complete consisting of:  
Kirschner separador abdominal completo compuesto de:  
Kirschner Divaricatore addominale completo, composto da:

- 1 x 19781-55 Rahmenhaken / Hook-on Retr. / separadores / divaricatori 40 x 55 mm
- 1 x 19781-65 Rahmenhaken / Hook-on Retr. / separadores / divaricatori 50 x 65 mm
- 1 x 19783-24 Rahmen fest / frame rigid / marco rigido / telaio rigido 240 x 240 mm



19781-55  
40 x 55 mm breit



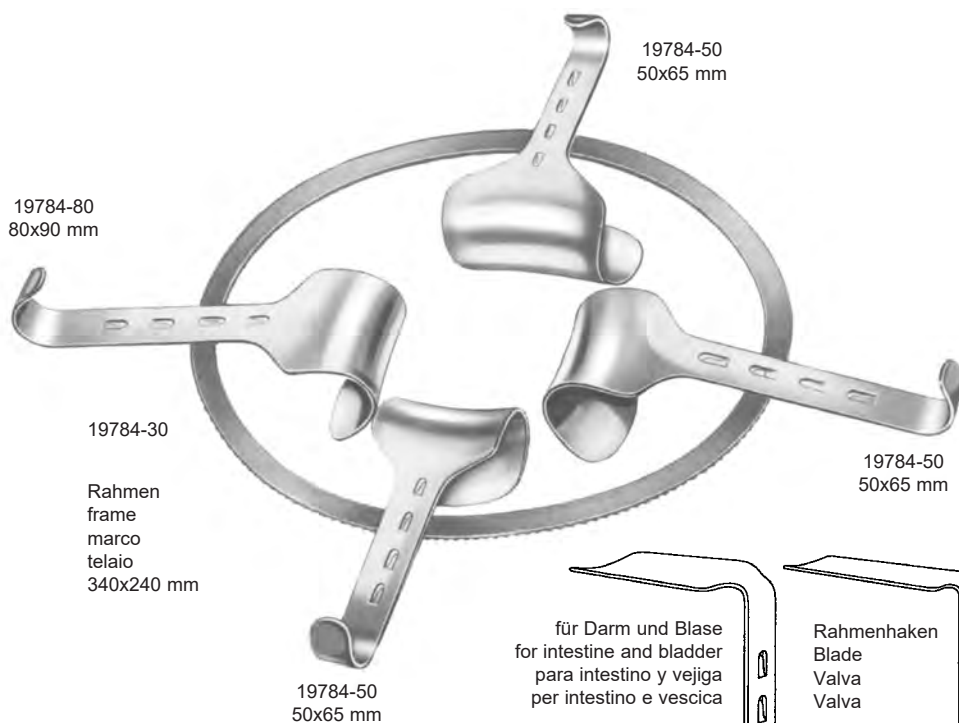
19781-65  
50 x 65 mm breit



19783-01  
250 x 250 mm

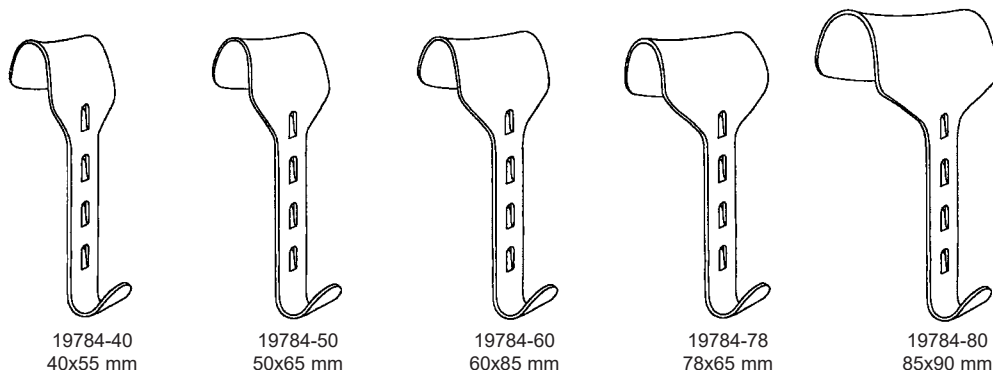
zusammenlegbarer Rahmen  
folding frame  
marco  
telaio

Bauchdeckenhalter  
Abdominal Retractors  
Separadores abdominales  
Divaricatori addominali



19784-00 KIRSCHNER Bauchdeckenhalter komplett bestehend aus:  
KIRSCHNER Abdominal Retr. complete consisting of:  
KIRSCHNER separador abdominal completo compuesto de:  
KIRSCHNER Divaricatore addominale completo, composto da:

- 1 x 19784-30 Rahmen fest / frame rigid / marco rigido / telaio rigido 340 x 240 mm
- 1 x 19784-50 Rahmenhaken / Hook-on Retr. / separadores / divaricatori 50 x 65 mm
- 1 x 19784-80 Rahmenhaken / Hook-on Retr. / separadores / divaricatori 80 x 90 mm
- 1 x 19784-98 Rahmenhaken / Hook-on Retr. / separadores / divaricatori 98 x 50 mm
- 1 x 19784-99 Rahmenhaken / Hook-on Retr. / separadores / divaricatori 105 x 35 mm



Arm System  
Arm System  
Sistema de brazo  
Sistema braccio



19795-01

Armsystem Radius 310/420 mm komplett mit Wundhakenhalter und L-Stativ Ø 16 mm, 400 mm hoch, 400 mm breit, 170 mm tief (ohne Klemmsockel).

Arm System, radius 310/420 mm, including retractor and L-stand Ø 16 mm, 400 mm high, 400 mm wide, 170 mm deep (without clamp socket).



19795-02

Armsystem Radius 310/420 mm komplett mit Stativ, und Endoskophalter Ø 8/10 mm. (ohne Klemmsockel).  
Arm System, radius 310/420 mm, including stand, endoscope holder Ø 8/10 mm. (without clamp socket).



19798-02

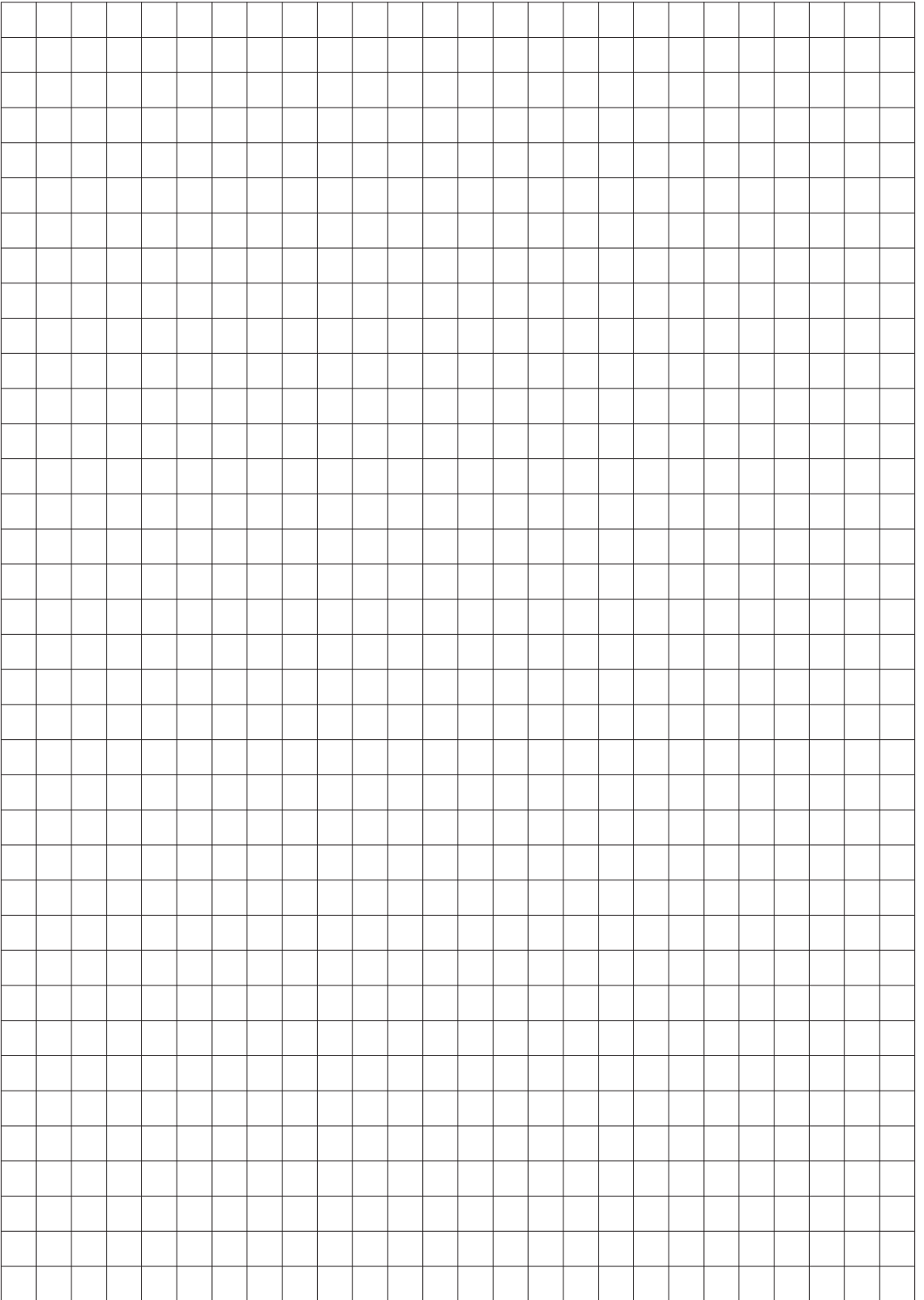
Endoskophalter Universal  
Ø 3-10 mm  
Endoscope holder Universal  
Ø 3-10 mm



19799-05

Klemmsockel aus rostfreiem Stahl, für ein höhenverstellbares Stativ Ø 16 mm, elektrisch isoliert bis 4,5 kV AC, Spannweite 50 mm für Schienen 25/32 x 8/12 mm.

Clamp socket made of stainless steel, for height-adjustable stand Ø 16 mm, electrically insulated up to 4.5 kV AC, holding width of 50 mm for rails 25/32 x 8/12 mm.



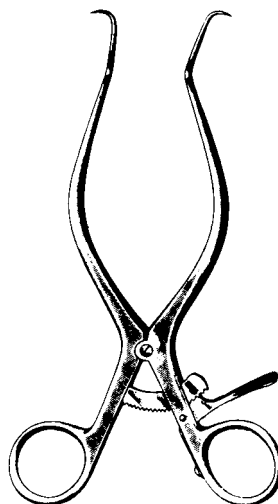
Bauchdeckenhalter, Wundsperrer  
 Abdominal Retractors, Retractors  
 Separadores abdominales, Separadores  
 Divaricatori addominali, Divaricatori



DOYEN

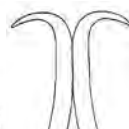
28 cm, 11"

19800-01 48x 90 mm  
 19800-02 48x105 mm  
 19800-03 48x120 mm  
 19800-04 48x135 mm



GELPI

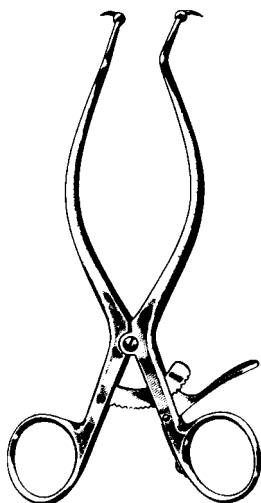
19802-09 9 cm, 3 1/2"  
 19802-11 11 cm, 4 3/8"  
 19802-14 14 cm, 5 1/2"  
 19802-16 16 cm, 6 1/4"  
 19802-18 18 cm, 7"



DE BAKEY

19803-14  
 14,5 cm, 5 3/4"

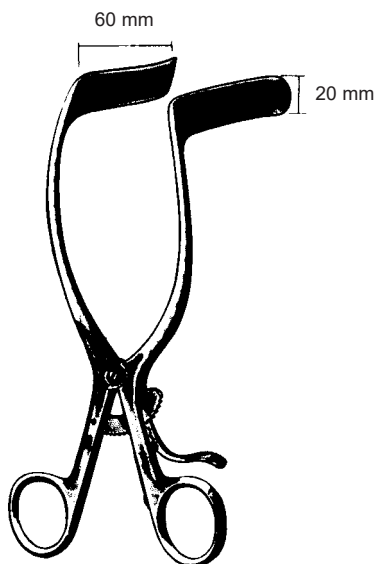
Wundsperrer  
Retractors  
Separadores  
Divaricatori



GELPI  
19804-18  
18 cm, 7"

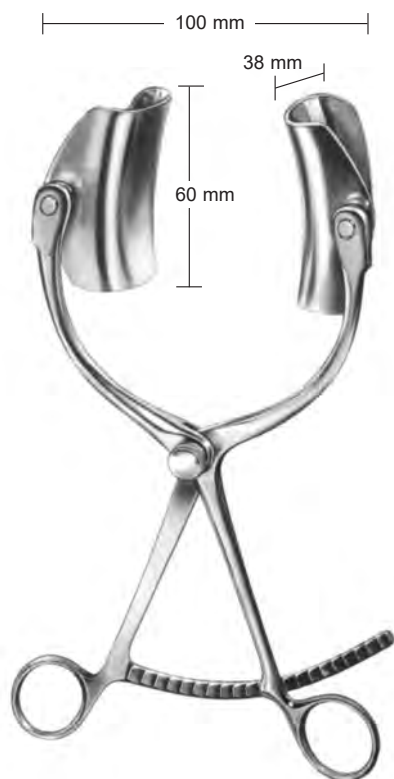


JACKSON BURROWS  
19805-18 18,5 cm, 7 1/4"  
19805-28 28 cm, 11"

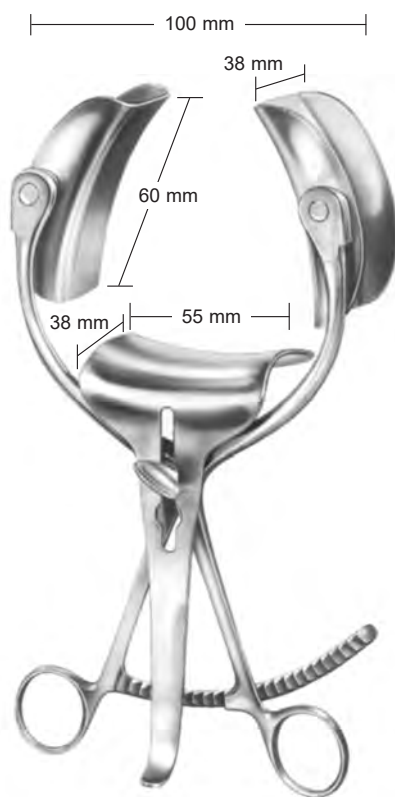


RIGBY  
19806-18  
18 cm, 7"

Bauchdeckenhalter  
Abdominal Retractors  
Separadores abdominales  
Divaricatori addominali



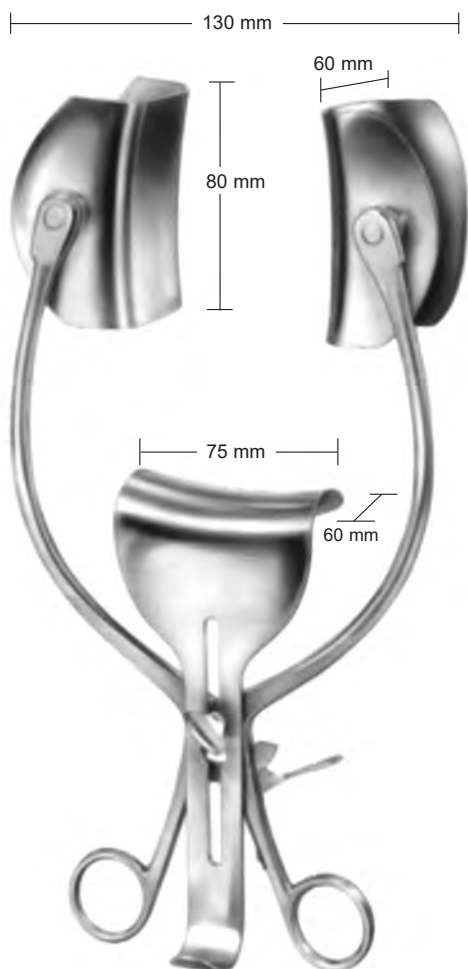
COLLIN  
19810-22  
komplett  
complete  
completo



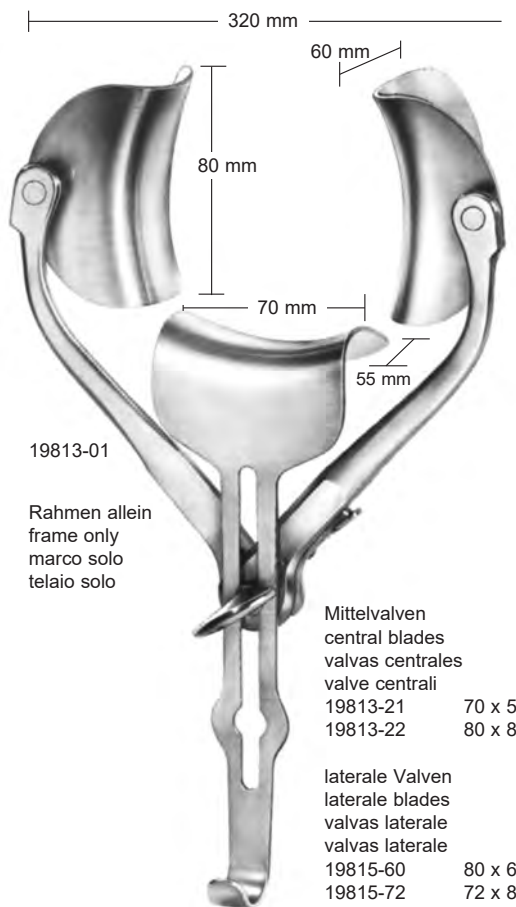
COLLIN  
19812-60  
komplett  
complete  
completo



Bauchdeckenhalter  
Abdominal Retractors  
Separadores abdominales  
Divaricatori addominali



COLLIN Loktite  
19816-00 31 cm, 12 1/4"  
komplett / complete / completo



19813-01

Rahmen allein  
frame only  
marco solo  
telaio solo

Mittelvalven  
central blades  
valvas centrales  
valve centrali

|          |            |
|----------|------------|
| 19813-21 | 70 x 55 mm |
| 19813-22 | 80 x 80 mm |

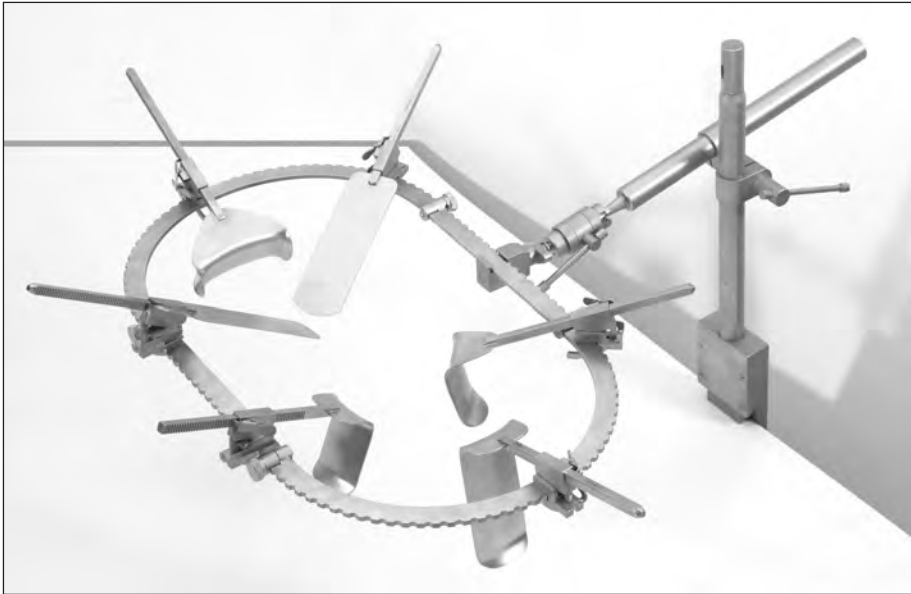
laterale Valven  
laterale blades  
valvas laterale  
valvas laterale

|          |            |
|----------|------------|
| 19815-60 | 80 x 60 mm |
| 19815-72 | 72 x 85 mm |
| 19815-50 | 50 x 58 mm |

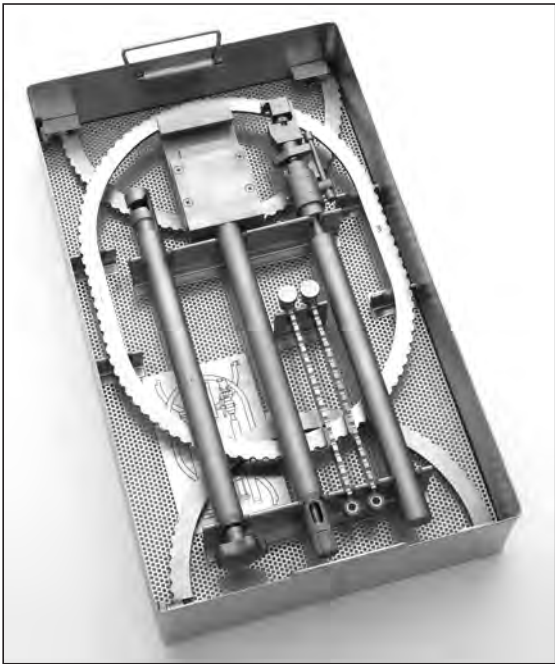
RICARD

19813-00 30 cm, 11 3/4"  
komplett / complete / completo

Back holder Abdominal Retractor  
Operation Table Set



Complete Fixed Abdominal Retractor Set  
Set completo divaricatore addominale con sistema di montaggio modulare



The many components of the **Back holder Abdominal Retractor Operation Table Set** can all be neatly arranged into autoclave sized containers with diagrams that direct instrument handlers on proper placement of each component.

A major convenience in care and maintenance  
of the Retractor Set

**Sterilization Container & Baskets**

| Description                | Product No |
|----------------------------|------------|
| Table Fixation & Ring Case | 19820-90   |
| Blade & Accessories Case   | 19820-91   |

## Back holder Abdominal Retractor Operation Table Set

| Description                        | Product No | Composto da                                                                                     |          |
|------------------------------------|------------|-------------------------------------------------------------------------------------------------|----------|
| Complete Abdominal Retractor Set   | 19820-99   | Accoppiatore                                                                                    | 19821-01 |
|                                    |            | Barra orizzontale                                                                               | 19821-02 |
| Includes                           |            | Morsetto di accoppiamento                                                                       | 19821-04 |
| Table Post                         | 19821-01   | Anello ovale                                                                                    | 19820-02 |
| Horizontal Bar                     | 19821-02   | No. 2 retrattori malleabili, 51x152 mm                                                          | 19825-06 |
| 1" Post Coupling                   | 19821-04   | No. 2 Valve Kelly, dim. 51x76 mm                                                                | 19822-23 |
| Oval Ring                          | 19820-02   | Valva Kelly                                                                                     | 19822-24 |
| 2" X 6" Malleable Retractor (2 ea) | 19825-06   | Valva Balfour                                                                                   | 19823-33 |
| 2" X 3" Kelly Retractor (2 ea)     | 19822-23   | Morsetto trasportabile con trasporto ad intervallo progressivo di 2 mm                          | 19820-10 |
| 2" X 4" Kelly Retractor            | 19822-24   | Morsetto articolato multidisciplinare con funzione movimento assiale orizzontale e verticale    | 19820-20 |
| Balfour Retractor                  | 19833-33   | Anello ovale 266x367 mm                                                                         | 19820-02 |
| Ratchet Mechanism (2 ea)           | 19820-10   | Anello a segmento 266x495 mm                                                                    | 19820-03 |
| Tilt Ratchet Mechanism (6 ea)      | 19820-20   | Retrattore malleabile 38x152 mm                                                                 | 19824-06 |
| Oval Ring                          | 19820-02   | Retrattore malleabile 76x152 mm                                                                 | 19826-06 |
| Segmented Ring                     | 19820-03   | Valva Kelly, 51x127 mm                                                                          | 19822-25 |
| 1 1/2" X 6" Malleable Retractor    | 19824-06   | Valva Kelly, 51x152 mm                                                                          | 19822-26 |
| 3" x 6" Malleable Retractor        | 19826-06   | Barra flessibile orizzontale                                                                    | 19821-03 |
| 2" X 5" Kelly Retractor            | 19822-25   | Retrattore Harrington 63x143 mm                                                                 | 19831-25 |
| 2" X 6" Kelly Retractor            | 19822-26   | Retrattore con punta Gelpi                                                                      | 19834-01 |
| Horizontal Flex Bar                | 19821-03   |                                                                                                 |          |
| Harrington Retractor               | 19831-25   |                                                                                                 |          |
| Gelpi Retractor                    | 19834-01   |                                                                                                 |          |
| Accessories                        |            | Accessori:                                                                                      |          |
| Table Fixation & Ring Case         | 19820-90   | Container vuoto in acciaio inox dotato con griglia interna                                      |          |
| Blades & Accessories Case          | 19820-91   | Descrizione                                                                                     |          |
|                                    |            | Container in acciaio inox dotato di griglia interna per Accessori di fissazione, anelli e barre | 19820-90 |
|                                    |            | Container in acciaio inox dotato di griglia interna per morsetti e divaricatori                 | 19820-91 |



### Malleable Retractors with Protective Edge



#### Harrington Retractors

##### Description Product No

Blade 2.5" x 5<sup>5/8</sup>" 19831-25  
63 x 143 mm



##### Description Product No

1<sup>1/2</sup>" x 6"  
38 x 152 mm

19824-06

2" x 6"  
51 x 152 mm

19825-06

3" x 6"  
76 x 152 mm

19826-06

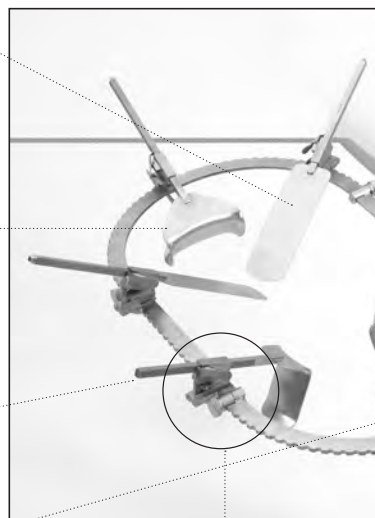
### Specialty Retractors

##### Description Product No

Balfour Retractor  
2<sup>5/8</sup>" x 3"  
67 x 76 mm

19833-33

Gelpi Point Retractor 19834-01



| Description                              | Product No |
|------------------------------------------|------------|
| Blade 2" x 1 <sup>1/2</sup> " 51 x 38 mm | 19822-21   |
| Blade 2" x 2" 51 x 51 mm                 | 19822-22   |
| Blade 2" x 2 <sup>1/2</sup> " 51 x 64 mm | 19822-22L  |
| Blade 2" x 3" 51 x 76 mm                 | 19822-23   |
| Blade 2" x 4" 51 x 102 mm                | 19822-24   |
| Blade 2" x 5" 51 x 127 mm                | 19822-25   |
| Blade 2" x 6" 51 x 152 mm                | 19822-26   |



| Description                              | Product No |
|------------------------------------------|------------|
| Blade 1" x 1 <sup>1/2</sup> " 25 x 38 mm | 19822-01   |
| Blade 1" x 2 <sup>1/2</sup> " 25 x 63 mm | 19822-02   |

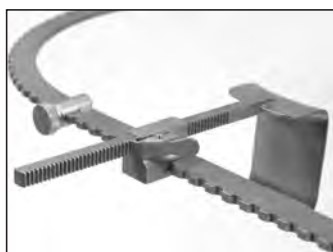
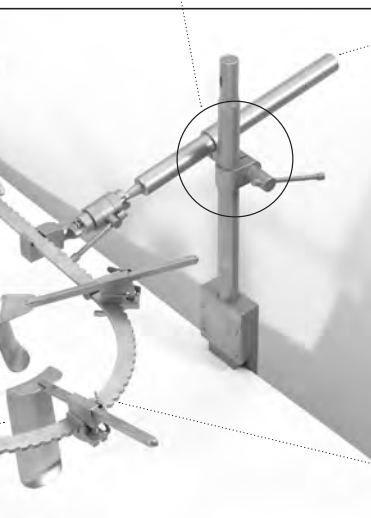


**Tilt Ratchet Mechanism** allows extensions or retractions along the horizontal axis and allows vertical movement of retractor blade with a second ratchet

**Product No** 19820-20

## Table Mounting Components

| Description     | Product No |
|-----------------|------------|
| 1" Post Coupler | 19821-04   |



**Fixed Ratchet Mechanism** allows extension or retraction along the horizontal axis at 2mm intervals

**Product No** 19820-10



## Table Mounting Components

|                     |          |        |
|---------------------|----------|--------|
| Table Post          | 19821-01 | 300 mm |
| Horizontal Bar      | 19821-02 | 420 mm |
| Horizontal Flex Bar | 19821-03 | 470 mm |



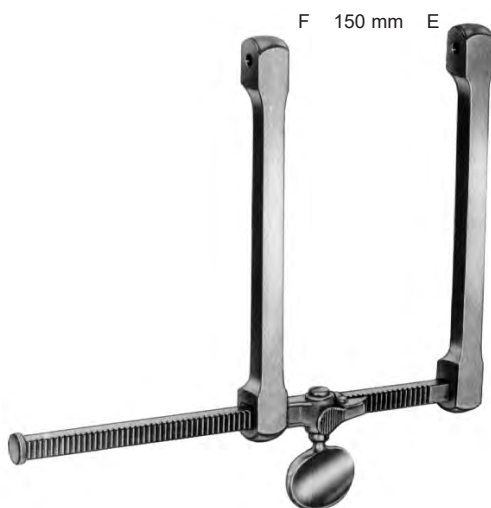
## Retractor Rings

| Description                                                             | Product No |
|-------------------------------------------------------------------------|------------|
| Oval Ring 10.5 x 14.5 inch / 266 x 367 mm                               | 19820-02   |
| Segmented Ring 10.5 x 19.5 inch / 266 x 495 mm                          | 19820-03   |
| (Consists of one 10.5 inch Round Ring and two 8 inch straight segments) |            |

Laminektomiespreizer  
Laminectomy Retractors  
Separadores para laminectomia  
Divaricatori per laminectomia



SCOVILLE-HAVERFIELD  
19910-00  
Rahmen allein  
Frame only  
Marco solo  
Telaio solo



SCOVILLE  
19911-00  
Rahmen allein  
Frame only  
Marco solo  
Telaio solo



SCOVILLE  
50 mm, 2"  
19912-50



SCOVILLE  
70 mm, 2 3/4"  
19912-70



SCOVILLE  
19914-41 41 x 38 mm  
19914-67 67 x 44 mm



TAYLOR  
19915-48 48 x 50 mm  
19915-64 64 x 50 mm  
19916-64 64 x 64 mm  
19916-80 80 x 57 mm



SCOVILLE  
50 mm, 2"  
19913-50



SCOVILLE  
70 mm, 2 3/4"  
19913-70



SCOVILLE  
19917-64 64 x 25 mm  
19918-64 64 x 50 mm  
19918-88 88 x 25 mm

Wundhaken für plastische Chirurgie  
Retractors for plastic surgery  
Separadores para cirugía plástica  
Divaricatore per chirurgia plastica



#### TEBBETTS

|          |                |
|----------|----------------|
| 19980-01 | 80 mm x 16 mm  |
| 19980-02 | 100 mm x 25 mm |
| 19980-03 | 120 mm x 25 mm |
| 19980-04 | 120 mm x 30 mm |
| 19980-05 | 150 mm x 25 mm |
| 19980-06 | 150 mm x 30 mm |

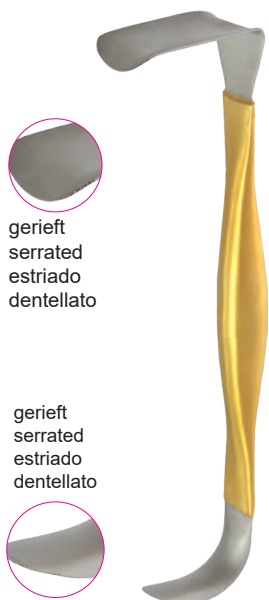
mit Kaltlicht + Absaugung  
with cold light + aspiration  
con luz fria + aspiracion  
con luce fredda + aspirazione



#### FERRIERA

|          |                |
|----------|----------------|
| 19960-01 | 80 mm x 16 mm  |
| 19960-02 | 100 mm x 25 mm |
| 19960-03 | 120 mm x 25 mm |
| 19960-04 | 120 mm x 30 mm |
| 19960-05 | 150 mm x 25 mm |
| 19960-06 | 150 mm x 30 mm |

Wundhaken für plastische Chirurgie  
 Retractors for plastic surgery  
 Separadores para cirugía plástica  
 Divaricatore per chirurgia plastica



gerieft  
serrated  
estriado  
dentellato

gerieft  
serrated  
estriado  
dentellato



CORONAL  
19980-18  
18 cm, 7"



YANCOSKIE  
19990-18  
18 cm, 7"

BREAST

|          |                  |                         |
|----------|------------------|-------------------------|
| 19970-23 | 23,0 cm, 9"      | 34 x 100 mm, 20 x 60 mm |
| 19970-24 | 24,0 cm, 9 1/2"  | 38 x 70 mm, 22 x 55 mm  |
| 19970-01 | 31,5 cm, 12 1/2" | 38 x 70 mm, 20 x 55 mm  |



FREEMAN

19995-38 18 cm, 7"  
38 mm, 1 1/2" wide  
19995-22 18 cm, 7"  
22 mm, 7/8" wide



ANDERSON

19998-03 12 cm, 4 3/4" 3 Zähne  
3 prongs  
3 dientes  
3 uncini  
19998-05 12 cm, 4 3/4" 5 Zähne  
5 prongs  
5 dientes  
5 uncini



Sonden  
Probes, Directors  
Sondas, estiletes  
Sonde, specilli



2 mm ø

|                 |          |
|-----------------|----------|
| 11,5 cm, 4 1/2" | 21102-11 |
| 13,0 cm, 5 1/8" | 21102-13 |
| 14,5 cm, 5 3/4" | 21102-14 |
| 16,0 cm, 6 1/4" | 21102-16 |
| 18,0 cm, 7"     | 21102-18 |
| 20,0 cm, 8"     | 21102-20 |
| 25,0 cm, 10"    | 21102-25 |



1 mm ø

|          |
|----------|
| 21104-11 |
| 21104-13 |
| 21104-14 |
| 21104-16 |
| 21104-18 |
| 21104-20 |
| 21104-25 |



2 mm ø

|          |
|----------|
| 21106-11 |
| 21106-13 |
| 21106-14 |
| 21106-16 |
| 21106-18 |
| 21106-20 |
| 21106-25 |



21108-14  
14,5 cm, 5 3/4"



BRODIE  
21109-18  
18 cm  
7"



|                 |          |
|-----------------|----------|
| 13,0 cm, 5 1/8" | 21110-13 |
| 14,5 cm, 5 3/4" | 21110-14 |
| 16,0 cm, 6 1/4" | 21110-16 |
| 18,0 cm, 7"     | 21110-18 |
| 20,0 cm, 8"     | 21110-20 |



DOYEN  
21111-14  
14 cm  
5 1/2"



21112-14  
14,5 cm  
5 3/4"



NELATON  
21120-16  
16 cm  
6 1/4"



FISH  
21121-14  
14 cm, 5 1/2"  
21121-18  
18 cm, 7"



WATSON-CHEYNE  
21122-13  
13 cm, 5 1/8"  
21122-18  
18 cm, 7"

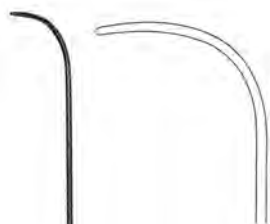
Fistelsonden  
Fistula Probes  
Sondas para fistula  
Sonde per fistole



LOCKHART-MUMMERY  
21125-01  
16,5 cm, 6 1/2"



LOCKHART-MUMMERY  
21125-02  
16,5 cm, 6 1/2"

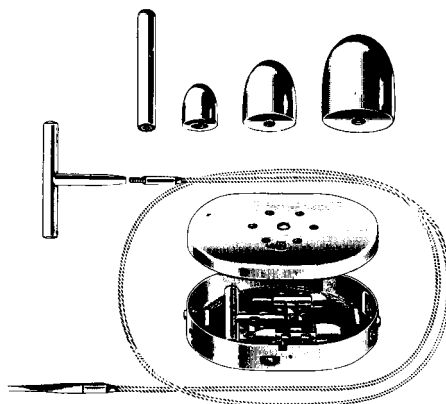


LOCKHART-MUMMERY  
21125-03  
16,5 cm, 6 1/2"



LOCKHART-MUMMERY  
21125-04  
16,5 cm, 6 1/2"

Krampfader-Besteck in Metalletui  
 Varicose vein probe set in metal case  
 Juego para várices en estuche de metal  
 Astuccio per varici in scatola di metallo



NABATOFF  
 21150-00  
 135x100x25 mm  
 compl.

21150-02  
 Sondenspitze  
 Probe Tip  
 Puntas sueltas  
 Punte



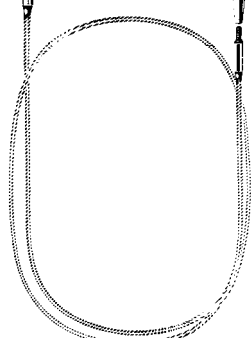
21150-80



Handgriff  
 Handle only  
 Mango suelto  
 Manico solo

21150-90

Zugseil  
 cable flexible  
 cable de traccion flex.  
 Corda di trazione fless.



Oliven  
 Olives  
 Olivas  
 Olivas



21150-03  
 3 mm ø



21150-06  
 6 mm ø



21150-09  
 9 mm ø



21150-12  
 12 mm ø



21150-15  
 15 mm ø

Varizeninstrumente  
Varix Instruments  
Instrumentos para varices  
Strumenti per varici



VARADY  
21154-01  
180 mm, 7"



VARADY  
21154-02  
180 mm, 7"



VARADY  
21154-03  
180 mm, 7"



VARADY  
21154-04  
175 mm, 6.9"

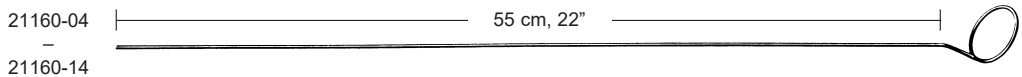


VARADY  
21154-05  
170 mm, 6 3/4"



VARADY  
21154-06  
170 mm, 6 3/4"

21162-12  
12 cm, 4 3/4"  
Griff  
Handle  
Mango  
Manico



21160-04  
4 mm ø



21160-06  
6 mm ø



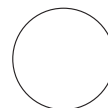
21160-07  
7 mm ø



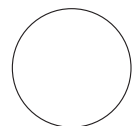
21160-08  
8 mm ø



21160-10  
10 mm ø



21160-12  
12 mm ø



21160-14  
14 mm ø

Watteträger, Spatel  
Cotton Applicators, Spatulas  
Porta-algodones, Espátulas  
Portacotone, Spatole

1,2



FARRELL

|        |          |         |
|--------|----------|---------|
| 4 3/4" | 21270-12 | 12,0 cm |
| 5 1/2" | 21270-14 | 14,0 cm |
| 6 1/4" | 21270-16 | 16,5 cm |
| 7"     | 21270-18 | 18,0 cm |
| 9"     | 21270-23 | 23,0 cm |
| 12"    | 21270-30 | 30,0 cm |

1,2



FARRELL

|          |         |
|----------|---------|
| 21272-12 | 12,0 cm |
| 21272-14 | 14,0 cm |
| 21272-16 | 16,5 cm |
| 21272-18 | 18,0 cm |
| 21272-23 | 23,0 cm |

1,5



REDA

|        |          |         |
|--------|----------|---------|
| 4 3/4" | 21290-12 | 12,0 cm |
| 5 1/2" | 21290-14 | 14,0 cm |
| 6 1/4" | 21290-16 | 16,0 cm |
| 7"     | 21290-18 | 18,0 cm |

1,5



REDA

|          |         |
|----------|---------|
| 21292-12 | 12,0 cm |
| 21292-14 | 14,0 cm |
| 21292-16 | 16,0 cm |
| 21292-18 | 18,0 cm |

Spatel  
Plaster spatula  
Espátula  
Spatole



21190-14  
14,5 cm, 5 3/4"



UCKERMANN  
21310-15  
15 cm, 6"

ø 3 mm

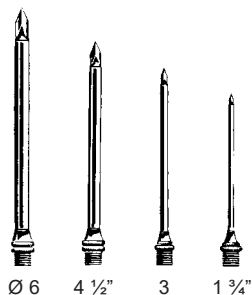


JOBSON-HORNE  
21320-12 12 cm, 4 3/4"  
21320-18 18 cm, 7"

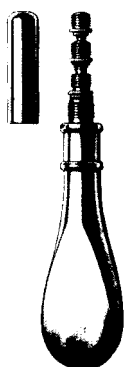


TOBOLD  
21331-25  
25 cm, 10"

Trokare  
Trocars  
Trócares  
Trequarti



Ø 6    4 1/2"    3    1 3/4"



UNIVERSAL  
23104-00  
compl.



#### STANDARD (NELSON)

|          |          |
|----------|----------|
| 23110-30 | 3,0 mm ø |
| 23110-35 | 3,5 mm ø |
| 23110-40 | 4,0 mm ø |
| 23110-45 | 4,5 mm ø |
| 23110-50 | 5,0 mm ø |
| 23110-55 | 5,5 mm ø |
| 23110-60 | 6,0 mm ø |

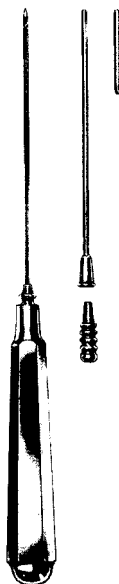


#### PIERCE

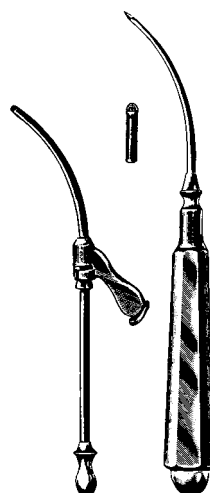
|          |          |
|----------|----------|
| 23123-30 | 3,0 mm ø |
| 23123-40 | 4,0 mm ø |



DOUGLAS  
23125-11    3 mm Ø

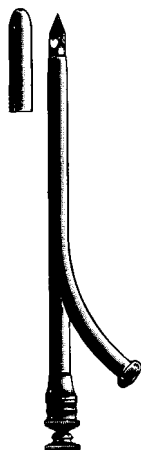


LICHTWITZ  
23128-19    1,75 mm Ø



COAKLEY  
23140-02    2,25 mm Ø

Trokare  
Trocars  
Trócares  
Trequarti



| Charr./ | F.G.     | OCHSNER |
|---------|----------|---------|
| 10      | 23150-10 |         |
| 12      | 23150-12 |         |
| 14      | 23150-14 |         |
| 16      | 23150-16 |         |
| 18      | 23150-18 |         |
| 20      | 23150-20 |         |



| Charr./ | F.G.     | NELSON | Ø       |
|---------|----------|--------|---------|
| 25      | 23170-25 |        | 7,5 mm  |
| 30      | 23170-30 |        | 9,0 mm  |
| 33      | 23170-33 |        | 10,5 mm |
| 35      | 23170-35 |        | 12,0 mm |



SINOSKOPIE-TROKAR  
8,5 cm, 3.4"

23181-40 f. Optik mit Ø 4,0 mm

Biopsiekanülen  
 Biopsy Needles  
 Agujas para biopsia  
 Aghi per biopsia

Nadelführer  
 Pudendus  
 Anesthesie  
 anestesia



IOWA  
 23210-00  
 14 cm, 5 1/2"  
 compl.



MENGHINI

|          |            |
|----------|------------|
| 23302-01 | 1,0x 35 mm |
| 23302-02 | 1,0x 70 mm |
| 23302-03 | 1,2x 70 mm |
| 23302-04 | 1,2x100 mm |
| 23302-05 | 1,4x 70 mm |
| 23302-06 | 1,4x100 mm |
| 23302-07 | 1,6x 70 mm |
| 23302-08 | 1,8x100 mm |

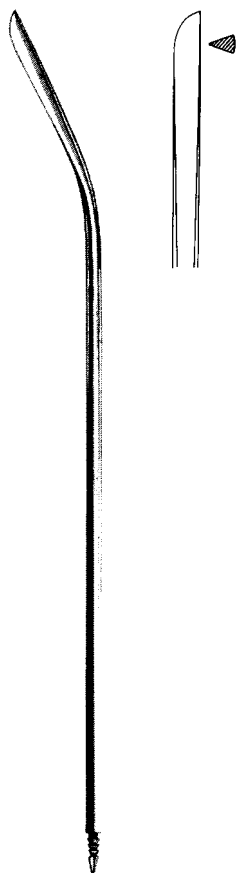


MENGHINI

|          |            |
|----------|------------|
| 23310-14 | 1,4x168 mm |
| 23310-18 | 1,8x168 mm |



Führungsnadeln  
Guide needles  
Aguja de Guía  
Ago guida

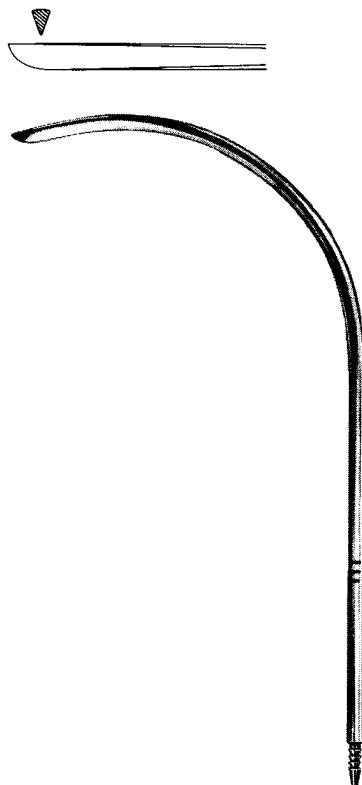


REDON  
23195-08 - 23195-18

Messerspitze, gerade  
Guide Needle, straight  
Aguja de guía, recta  
Ago guida, retta

Charr./Fr.

|    |          |
|----|----------|
| 8  | 23195-08 |
| 10 | 23195-10 |
| 12 | 23195-12 |
| 14 | 23195-14 |
| 16 | 23195-16 |
| 18 | 23195-18 |

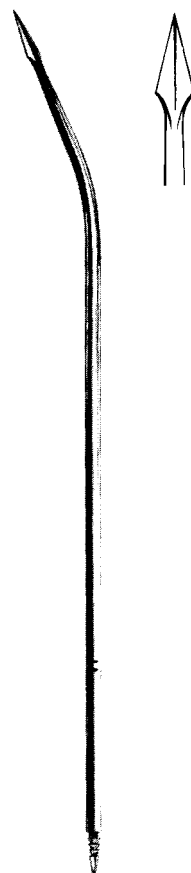


REDON  
23197-08 - 23197-18

Messerspitze, gebogen  
Guide Needle, curved  
Aguja de guía, curva  
Ago guida, curva

Charr./Fr.

|    |          |
|----|----------|
| 8  | 23197-08 |
| 10 | 23197-10 |
| 12 | 23197-12 |
| 14 | 23197-14 |
| 16 | 23197-16 |
| 18 | 23197-18 |



REDON  
23198-08 - 23198-18

Lanzettspitze, gerade  
Lancet tip, straight  
Punta lanceolar, recta  
Punta lanceolata, retta

Charr./Fr.

|    |          |
|----|----------|
| 8  | 23198-08 |
| 10 | 23198-10 |
| 12 | 23198-12 |
| 14 | 23198-14 |
| 16 | 23198-16 |
| 18 | 23198-18 |

Nadelhalter  
Needle Holders  
Porta-agujas  
Port'aghi



DERF

25110-12 12 cm, 4  $\frac{3}{4}$ "  
25114-12 TC 12 cm, 4  $\frac{3}{4}$ "



DERF

25120-12 12,5 cm, 5"



COLLIER

25122-12 12,5 cm, 5"



WEBSTER

25128-13 13 cm, 5  $\frac{1}{8}$ "  
25129-13 TC 13 cm, 5  $\frac{1}{8}$ "

BABY-WEBSTER

25136-11 11 cm, 4  $\frac{3}{8}$ "  
25137-11 TC 11 cm, 4  $\frac{3}{8}$ "

25138-11 TC 11 cm, 4  $\frac{3}{8}$ "  
gerieft/serrated  
estriada/zigrinato



HALSEY

25130-13 25140-13  
25134-13 TC 25144-13 TC  
13 cm, 5  $\frac{1}{8}$ "



NEIVERT

25146-13 25148-13 TC  
13 cm, 5  $\frac{1}{8}$ "



BAUMGARTNER

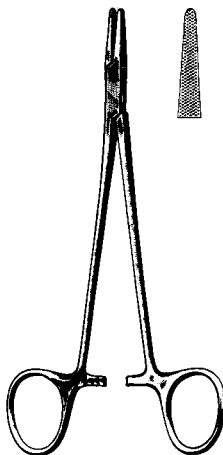
25150-12 25154-12 TC  
12,5 cm, 5"  
25150-14 25154-14 TC  
14,0 cm, 5  $\frac{1}{2}$ "

Nadelhalter  
Needle Holders  
Porta-agujas  
Port'aghi



CRILE-WOOD

|          |           |             |
|----------|-----------|-------------|
| 25160-15 | 15 cm, 6" | 25164-15 TC |
| 25160-18 | 18 cm, 7" | 25164-18 TC |
| 25160-20 | 20 cm, 8" | 25164-20 TC |
| 25160-23 | 23 cm, 9" | 25164-23 TC |



CRILE-MURRAY

|           |             |
|-----------|-------------|
| 25170-15  | 25174-15 TC |
| 15 cm, 6" |             |



MAYO-HEGAR

|          |                |             |
|----------|----------------|-------------|
| 25180-12 | 12 cm, 4 3/4"  | 25184-12 TC |
| 25180-14 | 14 cm, 5 1/2"  | 25184-14 TC |
| 25180-16 | 16 cm, 6 1/4"  | 25184-16 TC |
| 25180-18 | 18 cm, 7"      | 25184-18 TC |
| 25180-20 | 20 cm, 8"      | 25184-20 TC |
| 25180-24 | 24 cm, 9 1/2"  | 25184-24 TC |
| 25180-26 | 26 cm, 10 1/4" | 25184-26 TC |
| 25180-30 | 30 cm, 11 3/4" | 25184-30 TC |



fein  
fine  
delicate  
fino

MAYO-HEGAR

|          |               |             |
|----------|---------------|-------------|
| 25190-16 | 16 cm, 6 1/4" | 25194-16 TC |
| 25190-18 | 18 cm, 7"     | 25194-18 TC |
| 25190-20 | 20 cm, 8"     | 25194-20 TC |



BROWN

|          |               |
|----------|---------------|
| 25196-13 | 13 cm, 5 1/8" |
| 25196-18 | 18 cm, 7"     |

Nadelhalter  
Needle Holders  
Porta-agujas  
Port'aghi



DE BAKAY

|             |                           |
|-------------|---------------------------|
| 25214-16 TC | 16 cm, 6 $\frac{1}{4}$ "  |
| 25214-18 TC | 18 cm, 7"                 |
| 25214-20 TC | 20 cm, 8"                 |
| 25214-23 TC | 23 cm, 9"                 |
| 25214-26 TC | 26 cm, 10 $\frac{1}{4}$ " |
| 25214-31 TC | 31 cm, 12 $\frac{1}{4}$ " |

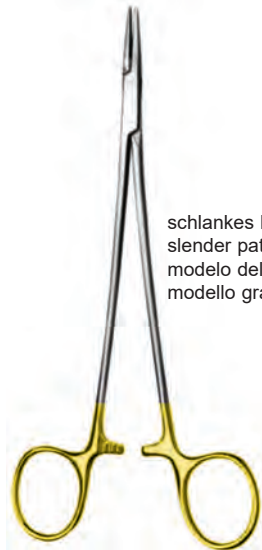


RYDER 1 mm

|             |                           |
|-------------|---------------------------|
| 25224-13 TC | 13 cm, 5 $\frac{1}{8}$ "  |
| 25224-15 TC | 15 cm, 6"                 |
| 25224-18 TC | 18 cm, 7"                 |
| 25224-20 TC | 20 cm, 8"                 |
| 25224-23 TC | 23 cm, 9"                 |
| 25224-26 TC | 26 cm, 10 $\frac{1}{4}$ " |

RYDER 2 mm

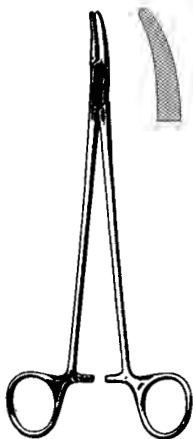
|             |  |
|-------------|--|
| 25225-13 TC |  |
| 25225-15 TC |  |
| 25225-18 TC |  |
| 25225-20 TC |  |
| 25225-23 TC |  |
| 25225-26 TC |  |



schlankes Modell  
slender pattern  
modelo delgado  
modello gracile

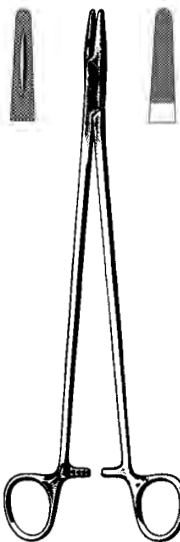
MICROVASCULAR

|             |           |
|-------------|-----------|
| 25230-18 TC | 18 cm, 7" |
| 25230-20 TC | 20 cm, 8" |
| 25230-23 TC | 23 cm, 9" |



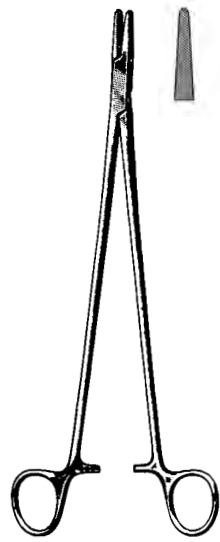
HEANEY

|             |                           |
|-------------|---------------------------|
| 25241-21    | 21 cm, 8 $\frac{1}{4}$ "  |
| 25241-26    | 26 cm, 10 $\frac{1}{4}$ " |
| 25245-21 TC | 21 cm, 8 $\frac{1}{4}$ "  |
| 25245-26 TC | 26 cm, 10 $\frac{1}{4}$ " |



MASSON

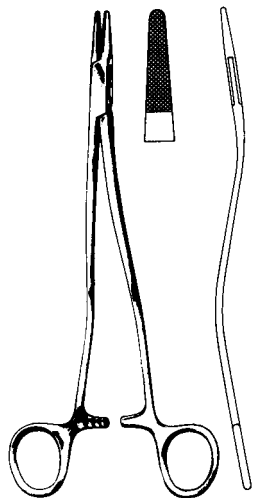
|             |                           |
|-------------|---------------------------|
| 25250-27    | 27 cm, 10 $\frac{1}{2}$ " |
| 25254-27 TC | 27 cm, 10 $\frac{1}{2}$ " |



WANGENSTEEN

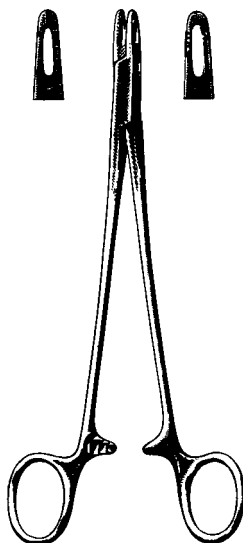
|             |                           |
|-------------|---------------------------|
| 25260-27    | 27 cm, 10 $\frac{1}{2}$ " |
| 25264-27 TC | 27 cm, 10 $\frac{1}{2}$ " |

Nadelhalter  
Needle Holders  
Porta-agujas  
Port'aghi



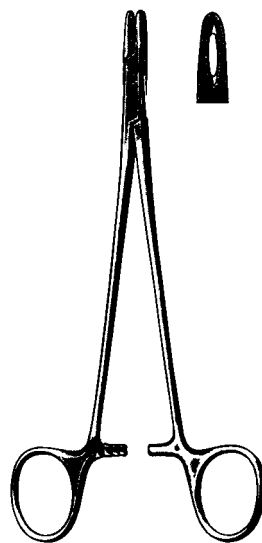
BOZEMANN

25285-20 TC 20 cm, 8"  
25285-24 TC 24 cm, 9½"  
25285-26 TC 26 cm, 10¼"



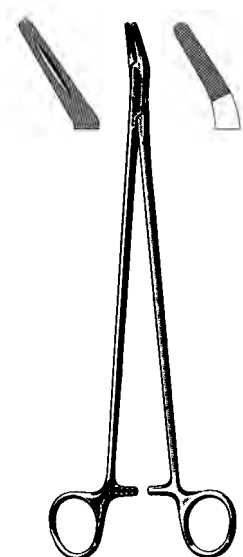
METZENBAUM

25290-18  
18 cm, 7"



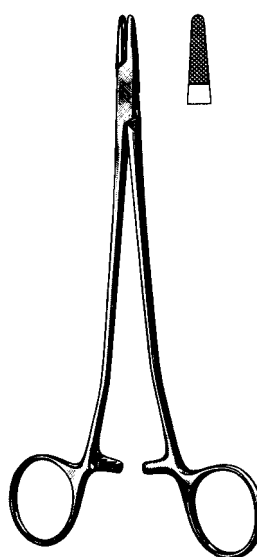
ADSON

25292-18  
18 cm, 7"



FINOCHIETTO

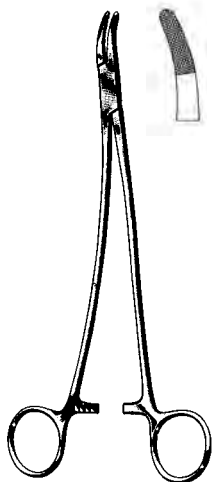
25311-20 20 cm, 8"  
25311-27 27 cm, 10½"  
25315-20 TC  
25315-27 TC



SAROT

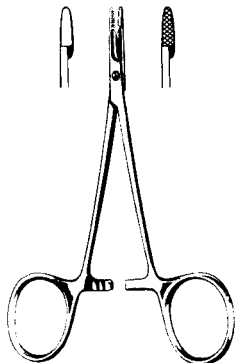
25324-18 TC 18 cm, 7"  
25324-26 TC 26 cm, 10¼"

Nadelhalter  
Needle Holders  
Porta-agujas  
Port'aghi



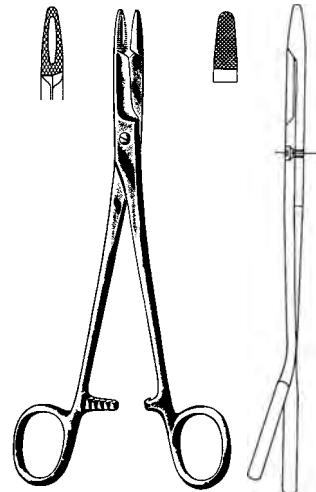
STRATTE

25330-21 21 cm, 8 1/4"  
25330-23 23 cm, 9" **25334-23 TC**



BABY-OLSEN-HEGAR

25405-12 25406-12  
**25408-12 TC 25407-12 TC**  
11,5 cm, 4 1/2"



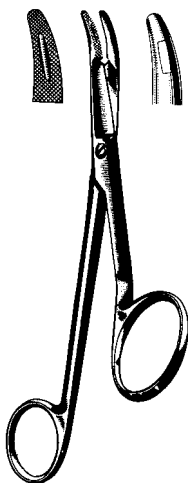
OLSEN-HEGAR

25410-14 14 cm, 5 1/2" **25414-14 TC**  
25410-17 17 cm, 6 3/4" **25414-17 TC**  
18 cm, 7" **25414-18 TC**



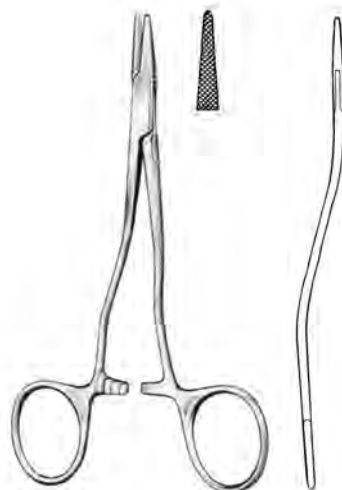
MATHIEU-OLSEN

**25415-14 TC** 14 cm, 5 1/2"  
**25415-17 TC** 17 cm, 6 3/4"  
**25415-20 TC** 20 cm, 8"



GILLIES

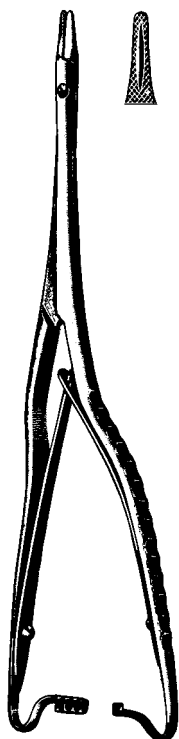
11 cm, 4 3/8" **25434-11 TC**  
13 cm, 5 1/8" **25434-13 TC**  
25430-16 16 cm, 6 1/4" **25434-16 TC**



KILNER

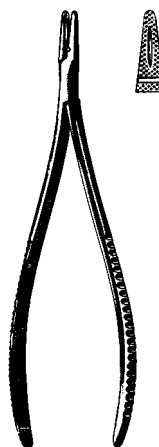
25436-13 13 cm, 5 1/8"  
**25438-13 TC** 13 cm, 5 1/8"

Nadelhalter  
Needle Holders  
Porta-agujas  
Port'aghi



HOESEL

25446-25 25 cm, 10"  
25447-25 TC 25 cm, 10"



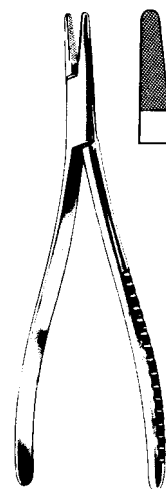
CRILE

25438-15 15 cm, 6"



MATHIEU

|          |            |             |
|----------|------------|-------------|
| 25450-14 | 14 cm, 5½" | 25452-14 TC |
| 25450-17 | 17 cm, 6¾" | 25452-17 TC |
| 25450-20 | 20 cm, 8"  | 25452-20 TC |
| 25450-24 | 24 cm, 9½" | 25452-24 TC |



LANGENBECK

|             |           |
|-------------|-----------|
| 25460-18 TC | 18 cm, 7" |
| 25460-20 TC | 20 cm, 8" |
| 25460-23 TC | 23 cm, 9" |

Nadelhalter  
Needle Holders  
Porta-agujas  
Port'aghi

Oftalmologie  
Ophthalmology  
Oftalmologia  
Oftalmologia



STEVENS  
25610-11  
11 cm, 4<sup>3</sup>/<sub>8</sub>"



STEVENS  
25612-15  
15 cm, 6"



BOYNTON  
25614-12  
12 cm, 4<sup>3</sup>/<sub>4</sub>"



BOYNTON  
**25615-12 TC**  
12 cm, 4<sup>3</sup>/<sub>4</sub>"



ARRUGA  
25620-16 - 25624-16  
16 cm, 6<sup>1</sup>/<sub>4</sub>"



25620-16



25621-16



**25624-16 TC**



**25625-16 TC**



KALT-ARRUGA  
25627-14  
14 cm, 5<sup>1</sup>/<sub>2</sub>"



KALT  
25628-14  
14 cm, 5<sup>1</sup>/<sub>2</sub>"



Nadelhalter  
Needle Holders  
Porta-agujas  
Port'aghi



JACOBSEN

25667-18 18 cm, 7"  
25668-18 TC 18 cm, 7"  
25667-21 21 cm, 8 1/4"  
25668-21 TC 21 cm, 8 1/4"



CASTROVIEJO  
14 cm, 5 1/2"



25670-14  
glatt  
smooth  
lisa  
liscia



25672-14  
gerieft  
serrated  
estriada  
zigrinato



25676-14 TC



25671-14  
glatt  
smooth  
lisa  
liscia



25673-14  
gerieft  
serrated  
estriada  
zigrinato



25677-14 TC



25678-09



25679-09



CASTROVIEJO-MICRO  
9 cm, 3 1/2"



CASTROVIEJO  
25680-13 13 cm, 5 1/8"  
25684-13 TC 13 cm, 5 1/8"

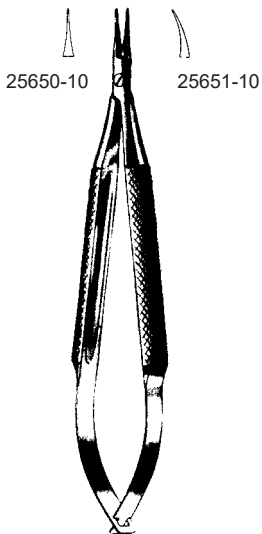
Mikro-Nadelhalter  
 Micro-Needle Holders  
 Micro-Porta-agujas  
 Micro-Port'aghi



CASTROVIEJO-STANDARD  
 25678-14 14 cm, 5 1/2"



CASTROVIEJO-STANDARD  
 25679-14 14 cm, 5 1/2"



BARRAQUER  
 10 cm, 4"



BARRAQUER-TROUTMAN  
 10 cm, 4"

Mikro-Nadelhalter  
Micro-Needle Holders  
Micro-Porta-agujas  
Micro-Port'aghi

25660-13 25661-13



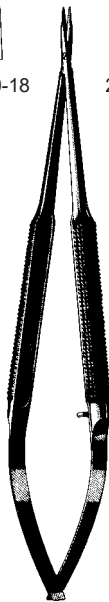
BARRAQUER  
13 cm, 5 1/8"

25720-14 25721-14  
25722-14 TC 25723-14 TC



BARRAQUER  
14 cm, 5 1/2"

25700-18 25701-18



BARRAQUER  
18 cm, 7"

25730-18 25731-18



BARRAQUER  
18 cm, 7"

Unterbindungsnadeln  
Ligature Needles  
Agujas para ligaduras  
Aghi per legature



biegsam  
malleable  
maleable  
malleabile

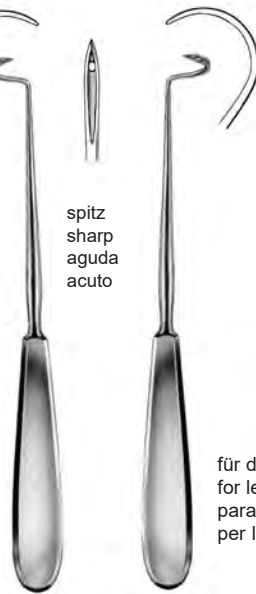
für die rechte Hand  
for right hand  
para la mano derecha  
per la mano destra

27109-20  
20 cm, 8"



spitz  
sharp  
aguda  
acuto

für die linke Hand  
for left hand  
para la mano izquierda  
per la mano sinistra



DESCHAMPS

|          |                |          |
|----------|----------------|----------|
| 27110-21 | 21 cm, 8 1/4"  | 27111-21 |
| 27110-24 | 24 cm, 9 1/2"  | 27111-24 |
| 27110-27 | 27 cm, 10 1/2" | 27111-27 |



stumpf  
blunt  
roma  
smusso

für die rechte Hand  
for right hand  
para la mano derecha  
per la mano destra

für die linke Hand  
for left hand  
para la mano izquierda  
per la mano sinistra



DESCHAMPS

|          |                |          |
|----------|----------------|----------|
| 27120-21 | 21 cm, 8 1/4"  | 27121-21 |
| 27120-24 | 24 cm, 9 1/2"  | 27121-24 |
| 27120-27 | 27 cm, 10 1/2" | 27121-27 |

Unterbindungsnadeln  
Ligature Needles  
Agujas para ligaduras  
Aghi per legature

27130-13

fein, für die rechte Hand  
delicate, for right hand  
fina, para la mano derecha  
fino, per la mano destra

stumpf  
blunt  
roma  
smusso

27131-13

fein, für die linke Hand  
delicate, for left hand  
fina, para la mano izquierda  
fino, per la mano sinistra



KRONECKER  
13 cm, 5 1/8"

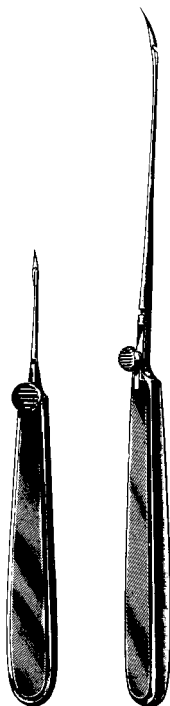


SCHMIEDEN-DICK  
27134-32 32 cm, 12 3/4"  
biegsam - malleable - maleable - malleabile



COOPER  
27139-19 19 cm, 7 1/2"

Nahtinstrumente  
Suturing Instruments  
Instrumentos para suturas  
Strumenti per suture



REVERDIN  
27201-15 - 27204-21



Fig. 1

27201-15 15 cm, 6"  
27201-19 19 cm, 7"  
27201-21 21 cm, 8 1/4"



Fig. 2

27202-15 15 cm, 6"  
27202-19 19 cm, 7 1/2"  
27202-21 21 cm, 8 1/4"



Fig. 3

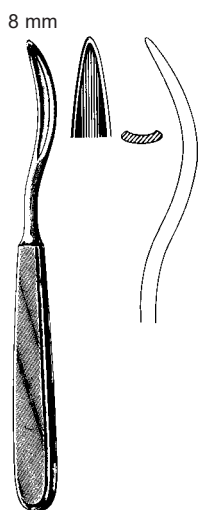
27203-15 15 cm, 6"  
27203-19 19 cm, 7 1/2"  
27203-21 21 cm, 8 1/4"



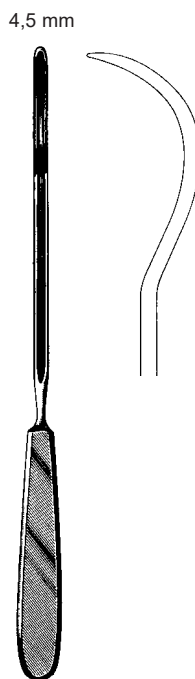
Fig. 4

27204-15 15 cm, 6"  
27204-19 19 cm, 7 1/2"  
27204-21 21 cm, 8 1/4"

Führungshohlsonden  
Ligature Conductors  
Sondas conductoras  
Sonde conduttrici

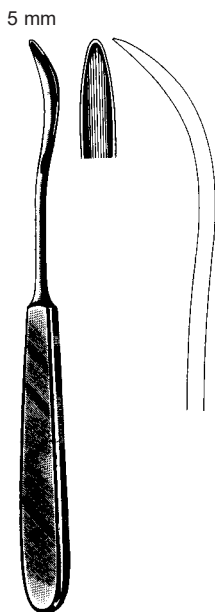


SCHMIEDEN  
27271-19 19 cm, 7½"



KIRSCHNER  
27277-25 25,5 cm, 10"

Führungshohlsonden, Fadenfänger, Fadengabel  
 Ligature Conductors, Ligature Catcher, Ligature Adjuster  
 Sondas conductoras, Captador de hilos, Horquilla de hilos  
 Sonde conduttrici, Portalegature, Forchetta da sutura



KOENIG  
 27285-20  
 20 cm, 8"



PAYR  
 27288-22  
 22 cm, 8 3/4"



PAYR  
 27289-22  
 22 cm, 8 3/4"

Plastik  
 plastic  
 plástico



BRUNNER  
 27291-18 18 cm, 7"  
 27291-27 27 cm, 10 1/2"

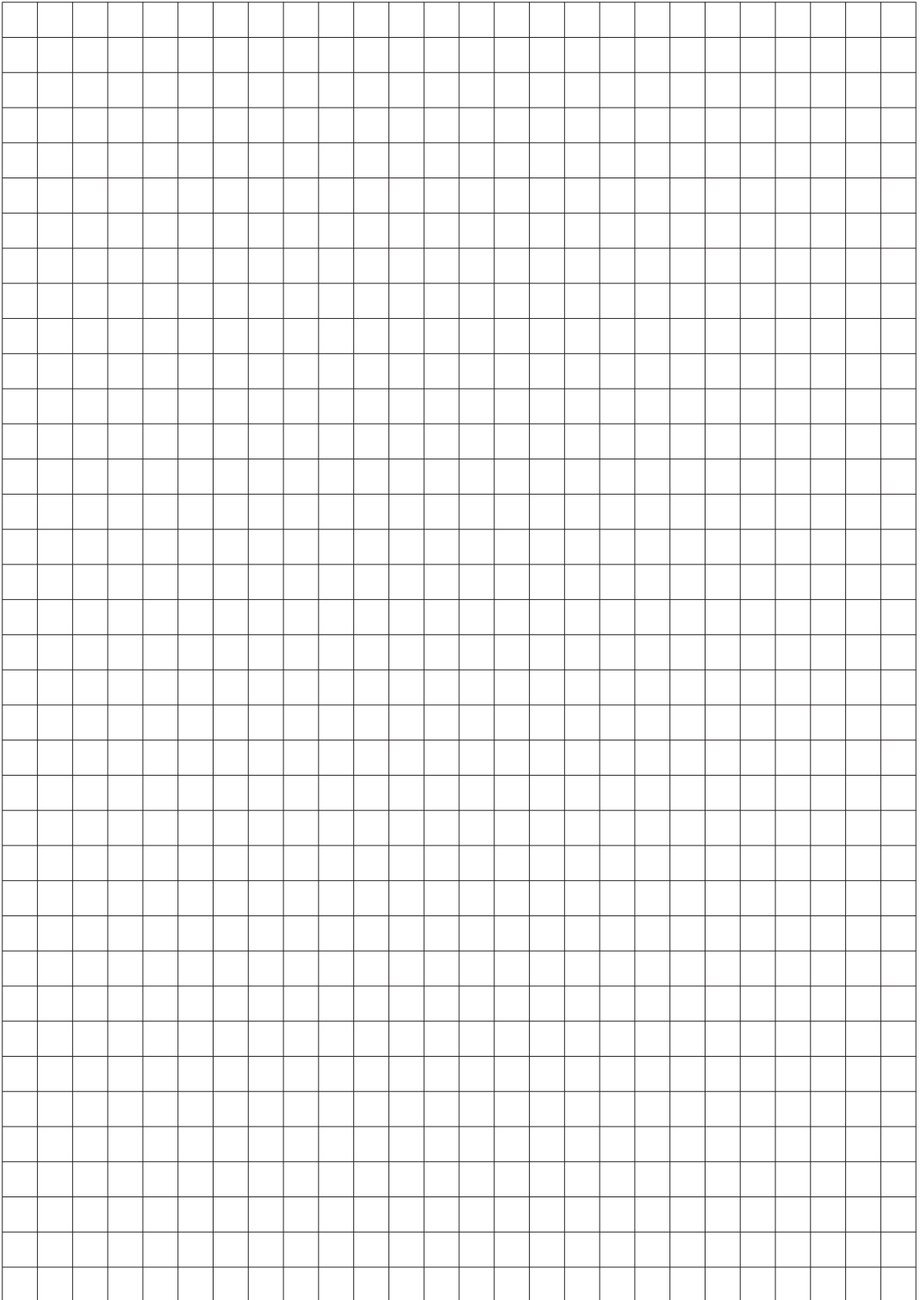


VIENNA  
 27297-23  
 23,5 cm, 9 1/4"



REDA  
 27298-23  
 23 cm, 9"





Chirurgische Nadeln  
Suturing Needles  
Agujas para suturas  
Aghi per suture

Pack à 1 Dutzend  
in packages of 1 dozen  
en sobres de 1 docena  
confezione 1 dozzina

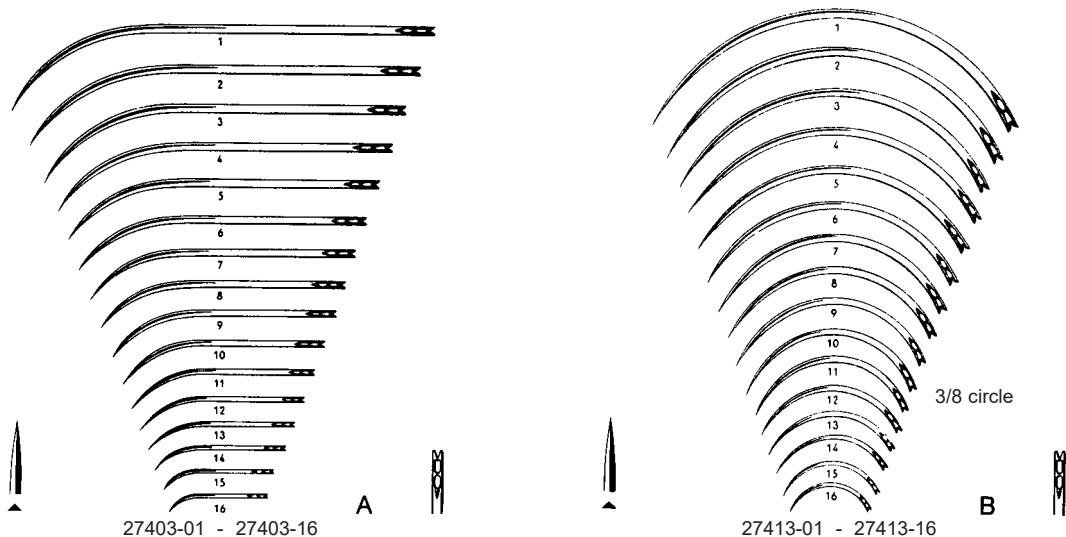


Fig. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

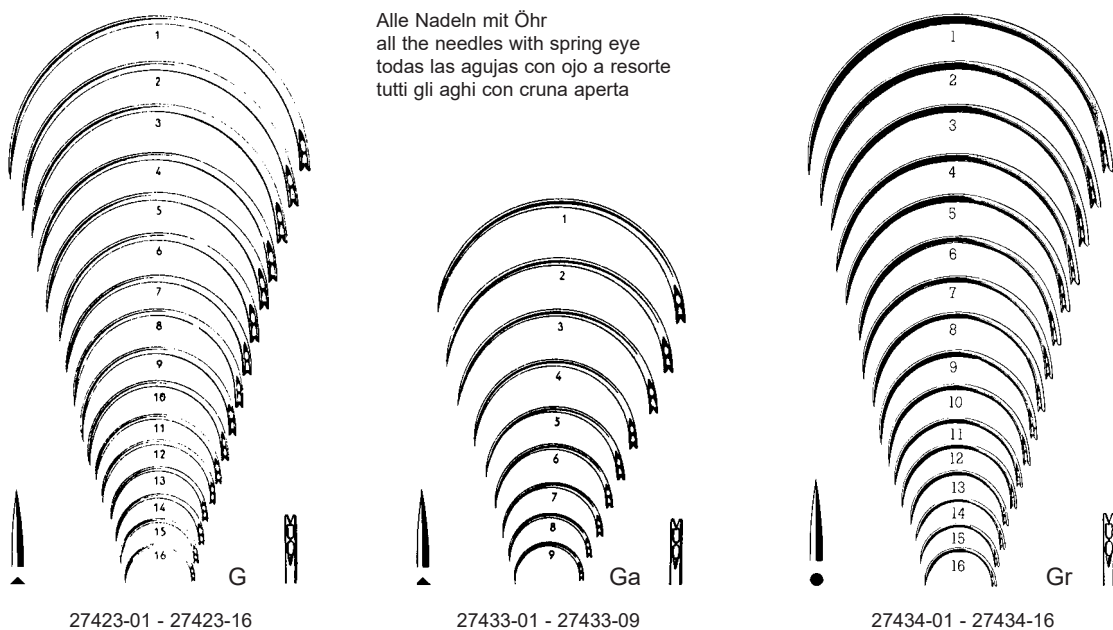
A 27403-01 27403-02 27403-03 27403-04 27403-05 27403-06 27403-07 27403-08 27403-09 27403-10 27403-11 27403-12 27403-13 27403-14 27403-15 27403-16

B 27413-01 27413-02 27413-03 27413-04 27413-05 27413-06 27413-07 27413-08 27413-09 27413-10 27413-11 27413-12 27413-13 27413-14 27413-15 27413-16

G 27423-01 27423-02 27423-03 27423-04 27423-05 27423-06 27423-07 27423-08 27423-09 27423-10 27423-11 27423-12 27423-13 27423-14 27423-15 27423-16

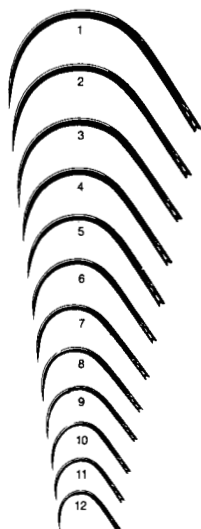
Ga 27433-01 27433-02 27433-03 27433-04 27433-05 27433-06 27433-07 27433-08 27433-09

Gr 27434-01 27434-02 27434-03 27434-04 27434-05 27434-06 27434-07 27434-08 27434-09 27434-10 27434-11 27434-12 27434-13 27434-14 27434-15 27434-16



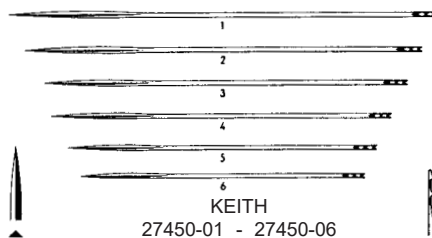
Alle Nadeln mit Ohr  
all the needles with spring eye  
todas las agujas con ojo a resorte  
tutti gli aghi con cruna aperta

Alle Nadeln mit Öhr  
all the needles with spring eye  
todas las agujas con ojo a resorte  
tutti gli aghi con cruna aperta

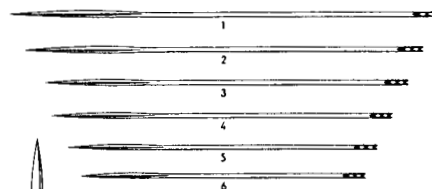


27441-01 - 27441-12

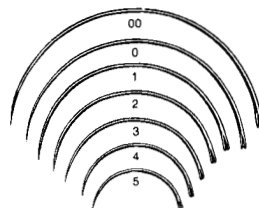
Chirurgische Nadeln  
Suturing Needles  
Agujas para suturas  
Aghi per suture



27450-01 - 27450-06

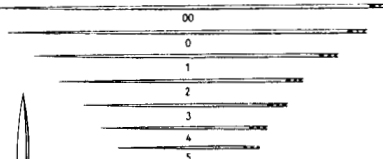


27452-01 - 27452-06



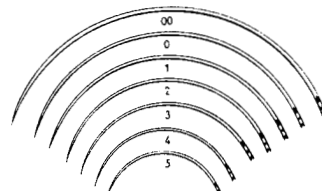
27465-20 - 27467-05

Pb



27475-20 - 27477-05

Pc



27485-20 - 27487-05

Pd

|       |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| FIG.  | 000      | 00       | 0        | 1        | 2        | 3        | 4        | 5        | 6        | 7        | 8        | 9        | 10       | 11       | 12       |
| KÖNIG |          |          |          | 27441-01 | 27441-02 | 27441-03 | 27441-04 | 27441-05 | 27441-06 | 27441-07 | 27441-08 | 27441-09 | 27441-10 | 27441-11 | 27441-12 |
| E     | 27443-30 | 27443-20 | 27443-10 | 27443-01 | 27443-02 | 27443-03 | 27443-04 | 27443-05 |          |          |          |          |          |          |          |
| KEITH |          |          |          | 27450-01 | 27450-02 | 27450-03 | 27450-04 | 27450-05 | 27450-06 |          |          |          |          |          |          |
| KEITH |          |          |          | 27452-01 | 27452-02 | 27452-03 | 27452-04 | 27452-05 | 27452-06 |          |          |          |          |          |          |
| Pb    | 27465-20 | 27465-10 | 27467-01 | 27467-02 | 27467-03 | 27467-04 | 27467-05 |          |          |          |          |          |          |          |          |
| Pc    | 27475-20 | 27475-10 | 27477-01 | 27477-02 | 27477-03 | 27477-04 | 27477-05 |          |          |          |          |          |          |          |          |
| Pd    | 27485-20 | 27485-10 | 27487-01 | 27487-02 | 27487-03 | 27487-04 | 27487-05 |          |          |          |          |          |          |          |          |

Wundklammerpinzetten und -zängchen, Wundklammern  
 Clip Applying Forceps, Suture Clips  
 Pinzas aplicadoras para agrafes, Agrafes de sutura  
 Pinze per applicare le agrafe, Agrafe



MICHEL  
 27610-12  
 12 cm, 4  $\frac{3}{4}$ "



WACHENFELDT  
 27612-12  
 12,5 cm, 5"



WACHENFELDT  
 27614-12  
 12,5 cm, 5"



CHILDE  
 27620-18  
 18 cm, 7"



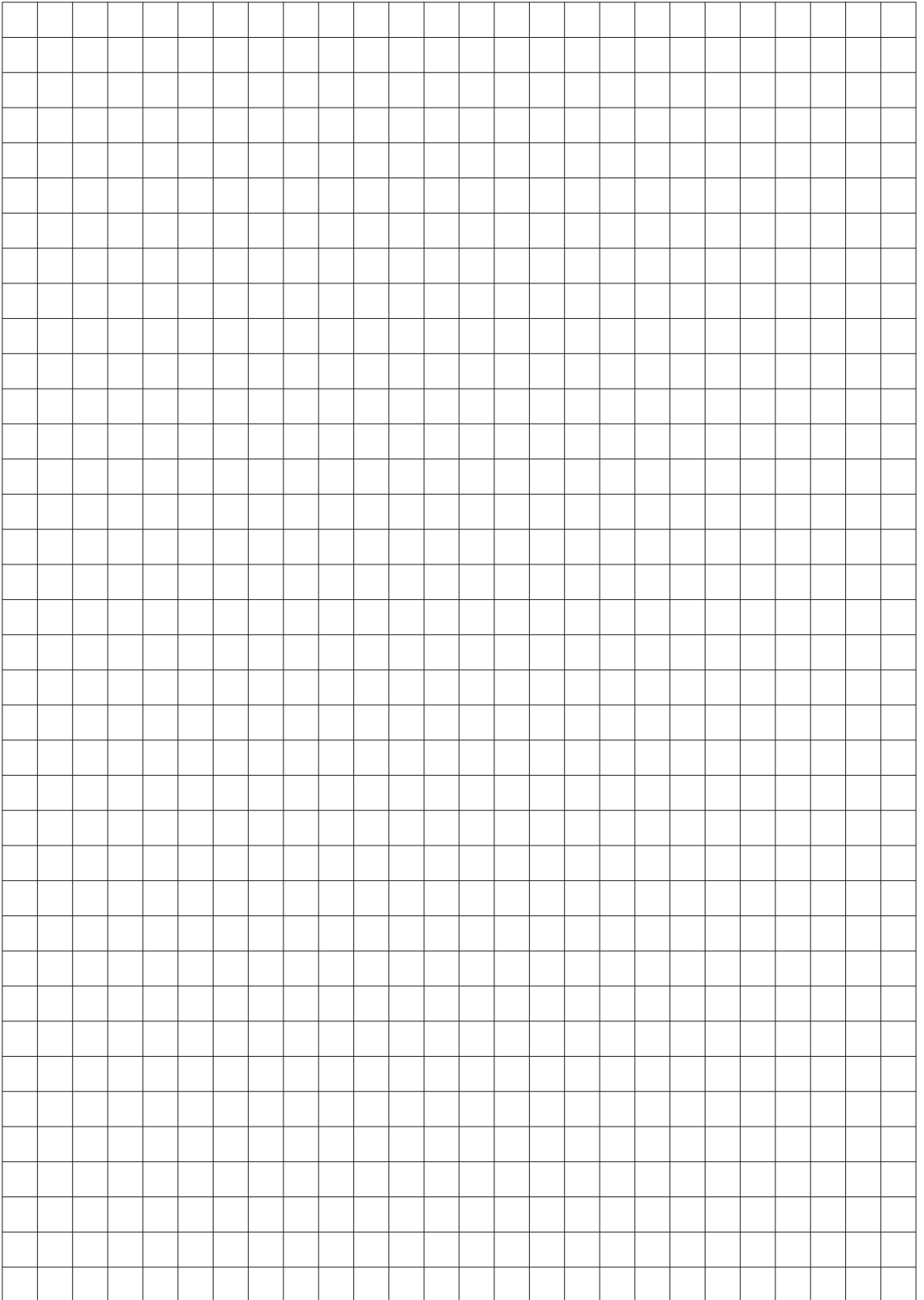
MICHEL  
 27630-12  
 12 cm, 4  $\frac{3}{4}$ "

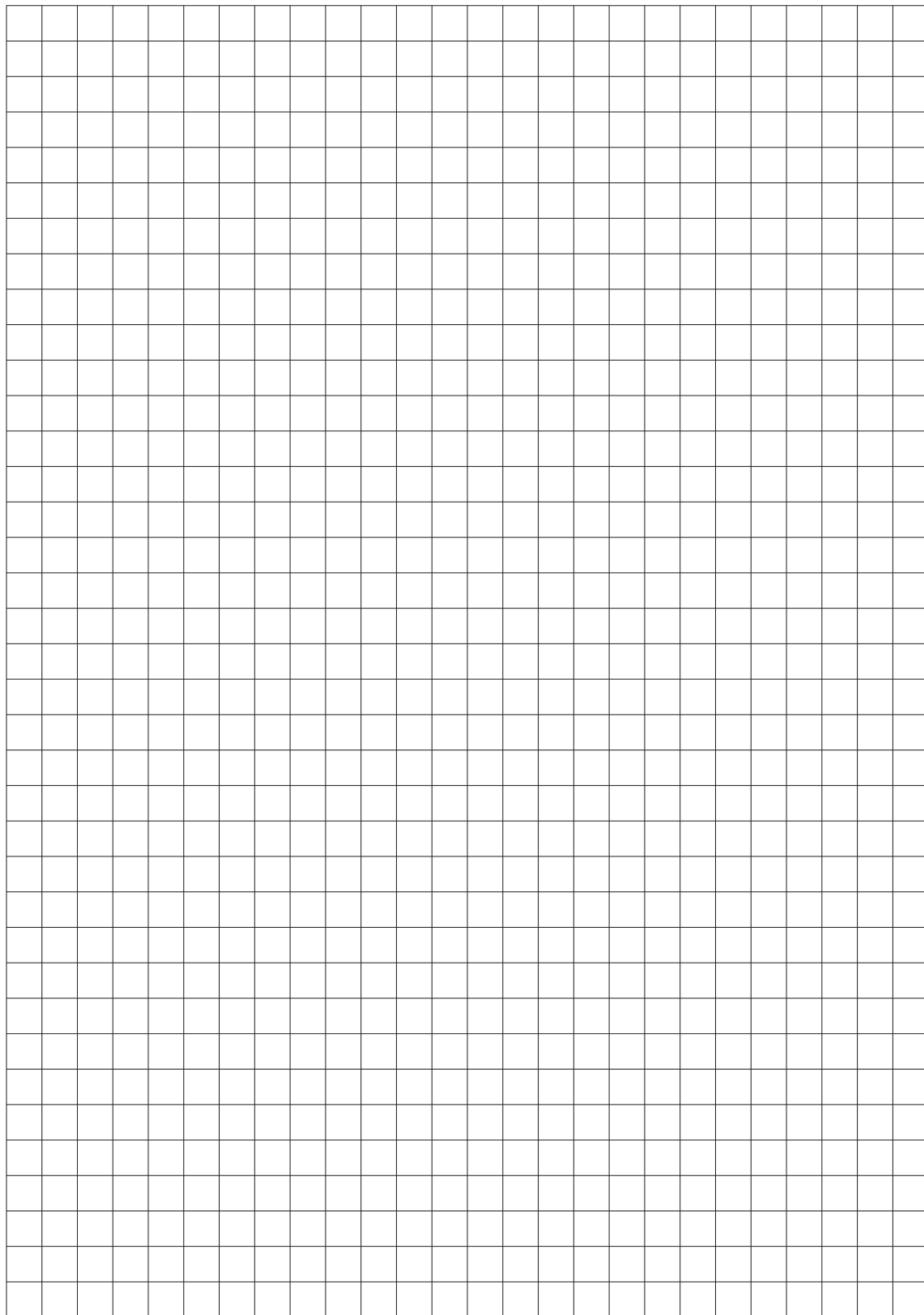


COLLIN  
 27640-13  
 13 cm, 5  $\frac{1}{8}$ "



RICHTER-HEATH  
 27642-14  
 14 cm, 5  $\frac{1}{2}$ "





Sterilisierzangen, Abfallzange, Sterilisierklammern, Messgerät  
 Sterilization Instruments, Waste Forceps, Safety pins, Caliper  
 Instrumentos esterilización, Pinza p. desechos, Cadres de estérilización, Calibrador  
 Pinze per la sterilizzazione, Pinza per rifiuti, Spilloni p. sterilizzazione, Compasso



DAVIS  
 29102-16 16 cm, 6¼"  
 29102-20 20 cm, 8"  
 29102-24 24 cm, 9½"



CHEATELE  
 29110-27  
 27 cm, 10¾"



UNIVERSAL  
 29120-20 20 cm, 8" 29121-20  
 29120-28 28 cm, 11" 29121-28



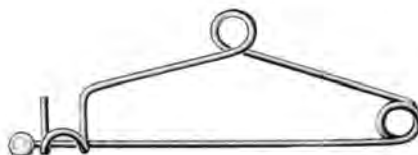
ROGGE  
 29130-23  
 23 cm, 9"



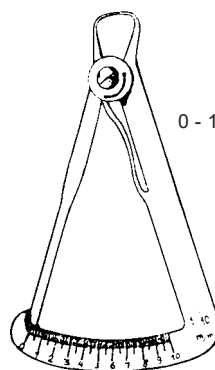
SAUERBRUCH  
 29145-55  
 55 cm, 21.7"



BUNT  
 29150-12 12 cm, 4¾"



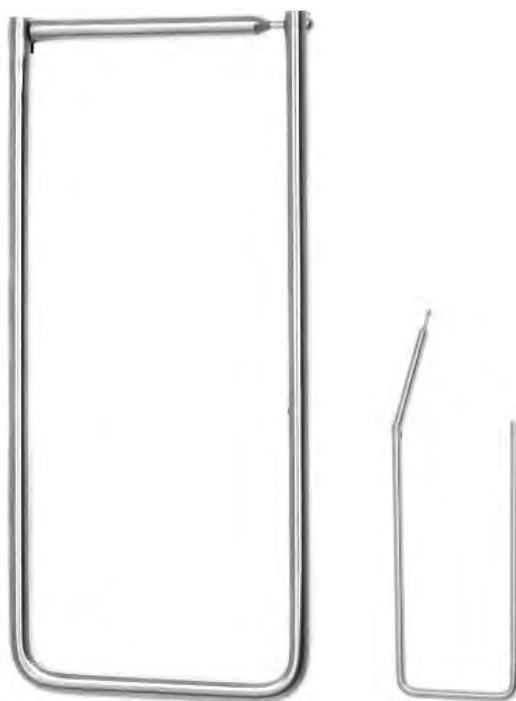
MAYO  
 29152-14 14 cm, 5¾"



IWANSON  
 89270-15

0 - 10 mm

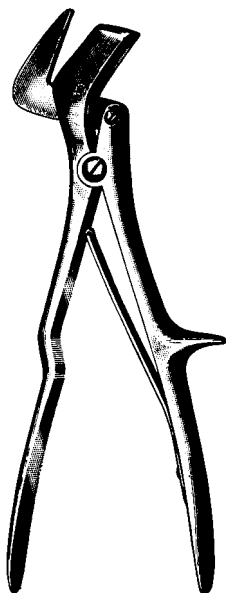
Stringer  
Stringer  
listón  
stringer



|          |              |
|----------|--------------|
| 29160-10 | 4" x 2 1/2"  |
| 29160-15 | 6" x 2 1/2"  |
| 29160-20 | 8" x 2 1/2"  |
| 29160-25 | 10" x 2 1/2" |
| 29160-30 | 12" x 2 1/2" |



Gipsscheren  
Plaster of Paris Shears  
Cizallas para vendajes enyesados  
Cesoie per gessi



STILLE  
31101-24 24 cm, 9 1/2"

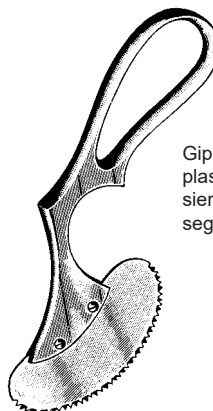


STILLE  
31103-23 23 cm, 9"  
31103-26 26 cm, 10 1/4"  
31103-37 37 cm, 14 1/2"



Gipsmesser  
plaster knife  
cuchillo para vendajes enyesados  
coltello da gesso

WIGMORE  
31120-19 19 cm, 7 1/2"



Gipssäge  
plaster saw  
sierra para vendajes enyesados  
sega da gesso

ENGEL  
31130-14 16 cm, 6 1/4"  
verchromt, chrome plated

## Autopsiesäge Autopsy saw Sierra para autopsia Sega per autopsia

Geräuschpegel: 52 - 77 db (A)  
Noise level: 52 - 77 db (A)  
Nivel de ruido del aparato sólo: 52 - 77 db (A)  
Livello acustico dello strumento solo: 52 - 77 db (A)

6500-24000 Schwingungen pro Minute  
6500-24000 oscillations per minute  
6500-24000 oscilaciones por minuto  
6500-24000 oscillazioni al minute

EN 60601-1, EN 60601-1-2, IEC 60601-1, IEC 60601-1-2



31201-01 120 Volt, 500 Watt, 1,5 kg

31201-02 230 Volt, 500 Watt, 1,5 kg

### 31201-01 + 31201-02 inklusive, inclusive, inclusive, inclusive:

- 1x 31210-50 Ø 50mm Sägeblatt, saw blade, hoja de repuesto, lama per sega
- 1x 31210-65 Ø 65mm Sägeblatt, saw blade, hoja de repuesto, lama per sega
- 1x 31204-01 Ø 50/65mm Segment-Sägeblatt, segment saw blade, hoja de repuesto para segmento, lama per sega a segmento
- 1x 31202-16 Inbusschlüssel T-Griff, alan key with T-handle, llave hexagonal con mango de T, chiave esagonale con manico a T
- 1x 31200-95 Spritze, gefüllt mit Fett, injection filled with fat, jeringa rellena con grasa, siringa colmata con grassa
- 1x 31212-02 Paar Gabelschlüssel, pair flat wrench, pareja llave de boca, paio chiave a bocca, 11 mm

Zubehör für Autopsiesäge 31201-02 und 31201-01 siehe Seite 230/14 - 230/18  
 Accessories for Autopsy saw 31201-02 and 31201-01 please see page 230/14 - 230/18  
 Accesorios para sierra para autopsia 31201-02 y 31201-01 vea la página 230/14 - 230/18  
 Accessorio per sega per autopsia 31201-02 e 31201-01 vedi pagina 230/14 - 230/18

|          |           |                                                                                                                 |
|----------|-----------|-----------------------------------------------------------------------------------------------------------------|
| 31210-45 | Ø 45mm    | Sägeblatt, saw blade, hoja de repuesto, lama per sega                                                           |
| 31210-50 | Ø 50mm    | Sägeblatt, saw blade, hoja de repuesto, lama per sega                                                           |
| 31210-65 | Ø 65mm    | Sägeblatt, saw blade, hoja de repuesto, lama per sega                                                           |
| 31204-01 | Ø 50/65mm | Segment-Sägeblatt, segment saw blade, hoja de repuesto para segmento, lama per sega a segmento                  |
| 31204-03 | Ø 65/65mm | Segment-Sägeblatt, segment saw blade, hoja de repuesto para segmento, lama per sega a segmento                  |
| 31205-08 | 8mm       | Tiefen-Sägeblatt, deep cutting saw, hoja de sierra de profundidad, lama a taglio di profondità                  |
| 31205-20 | 20mm      | Tiefen-Sägeblatt, deep cutting saw, hoja de sierra de profundidad, lama a taglio di profondità                  |
| 31203-50 |           | Begrenzungsscheibe, limiting disc, disco de tope, disco eccentrico                                              |
| 31202-16 |           | Inbusschlüssel T-Griff, alan key with T-handle, llave hexagonal con mango de T, chiave esagonale con manico a T |
| 31200-95 |           | Spritze gefüllt mit Fett, injection filled with fat, jeringa rellena con grasa, siringa colmata con grassa      |
| 31212-02 |           | 1 Paar Gabelschlüssel, pair flat wrench, pareja llave de boca, paio chiave a bocca, 11mm                        |

Autopsiesäge  
Autopsy saw  
Sierra para autopsia  
Sega per autopsia

Geräuschpegel: 52 - 77 db (A)

Noise level: 52 - 77 db (A)

Nivel de ruido del aparato sólo: 52 - 77 db (A)

Livello acustico dello strumento solo: 52 - 77 db (A)

6500-24000 Schwingungen pro Minute

6500-24000 oscillations per minute

6500-24000 oscilaciones por minuto

6500-24000 oscillazioni al minute

EN 60601-1, EN 60601-1-2, IEC 60601-1, IEC 60601-1-2



Dreikantschaft  
Three-jaw chuck  
Mandril de tres mordazas  
Mandrino con tre ganasce



31201-11 120 Volt, 500 Watt, 1,5 kg

31201-22 230 Volt, 500 Watt, 1,5 kg

**31201-11 + 31201-22 inklusive, inclusive, inclusive, inclusive:**

31201-39 39mm Schaft komplett, Arbor complete, Vastago completo, Asta completa

1x 31210-50 Ø 50mm Sägeblatt, saw blade, hoja de repuesto, lama per sega

1x 31210-65 Ø 65mm Sägeblatt, saw blade, hoja de repuesto, lama per sega

1x 31204-01 Ø 50/65mm Segment-Sägeblatt, segment saw blade, hoja de repuesto para segmento, lama per sega a segmento

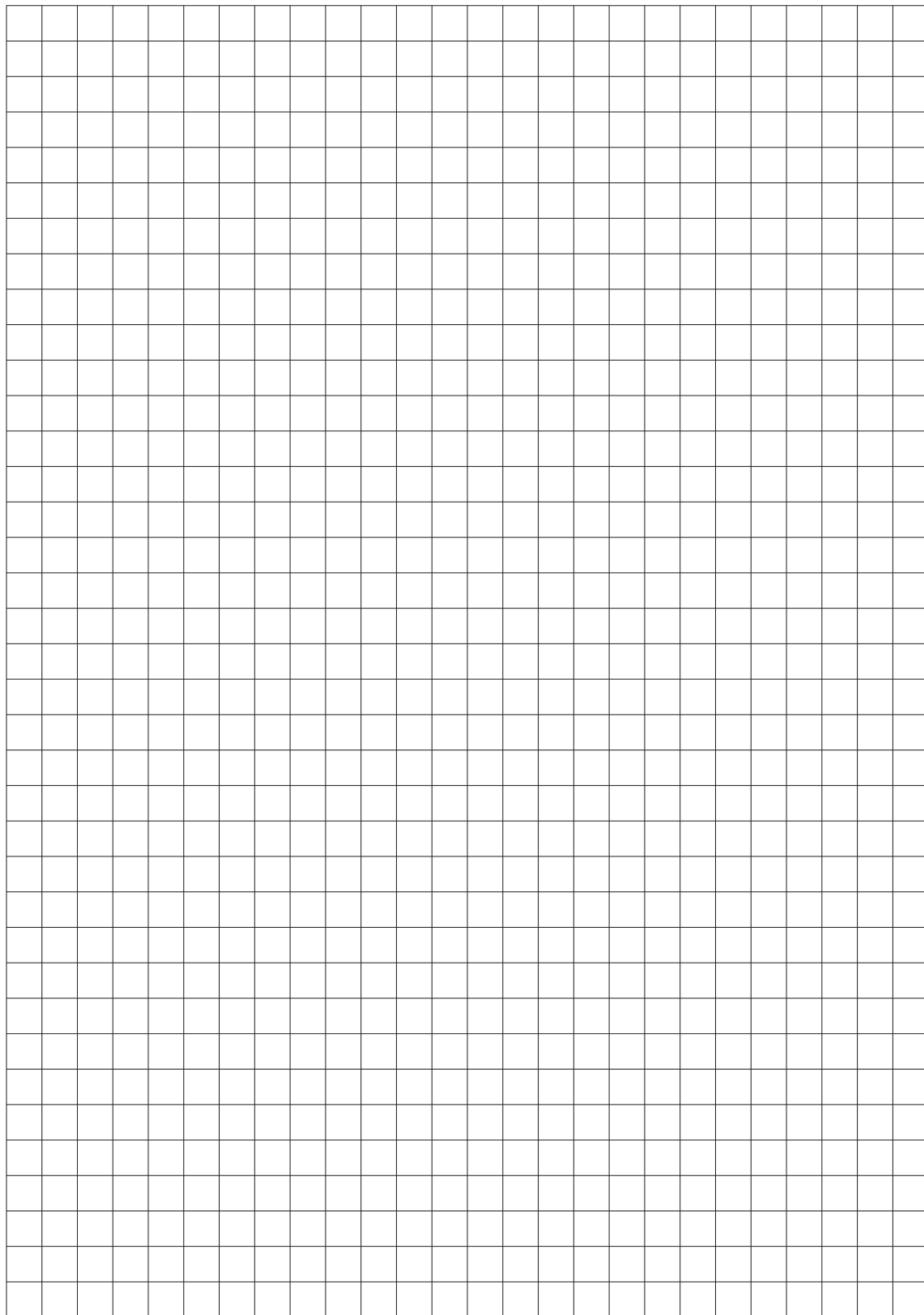
1x 31202-16 Inbusschlüssel T-Griff, allen key with T-handle, llave hexagonal con mango de T, chiave esagonale con manico a T

1x 31200-95 Spritze gefüllt mit Fett, injection filled with fat, jeringa rellena con grasa, siringa colmata con grassa

1x 31202-14 Paar Gabelschlüssel, pair flat wrench, pareja llave de boca, paio chiave a bocca, 14 mm

Zubehör für Autopsiesäge 31201-22 und 31201-11 siehe Seite 230/14 - 230/18  
 Accessories for Autopsy saw 31201-22 and 31201-11 please see page 230/14 - 230/18  
 Accesorios para sierra para autopsia 31201-22 y 31201-11 vea la página 230/14 - 230/18  
 Accessorio per sega per autopsia 31201-22 e 31201-11 vedi pagina 230/14 - 230/18

|          |           |                                                                                                                 |
|----------|-----------|-----------------------------------------------------------------------------------------------------------------|
| 31210-45 | Ø 45mm    | Sägeblatt, saw blade, hoja de repuesto, lama per sega                                                           |
| 31210-50 | Ø 50mm    | Sägeblatt, saw blade, hoja de repuesto, lama per sega                                                           |
| 31210-65 | Ø 65mm    | Sägeblatt, saw blade, hoja de repuesto, lama per sega                                                           |
| 31204-01 | Ø 50/65mm | Segment-Sägeblatt, segment saw blade, hoja de repuesto para segmento, lama per sega a segmento                  |
| 31204-03 | Ø 65/65mm | Segment-Sägeblatt, segment saw blade, hoja de repuesto para segmento, lama per sega a segmento                  |
| 31202-16 |           | Inbusschlüssel T-Griff, alan key with T-handle, llave hexagonal con mango de T, chiave esagonale con manico a T |
| 31200-95 |           | Spritze gefüllt mit Fett, injection filled with fat, jeringa rellena con grasa, siringa colmata con grassa      |



Zubehör zur Autopsiesäge  
Accessories for Autopsy saw  
Accesorio para la sierra de autopsia  
Accessori per sega per autopsia

**Set 31203-10**



**Set 31203-10:** 31201-39 + 31210-65

**Set 31203-00:** 31201-39 + 31210-50

**Set 31203-20:** 31201-58 + 31210-50

**Set 31203-30:** 31201-58 + 31210-65

**Set 31204-00**



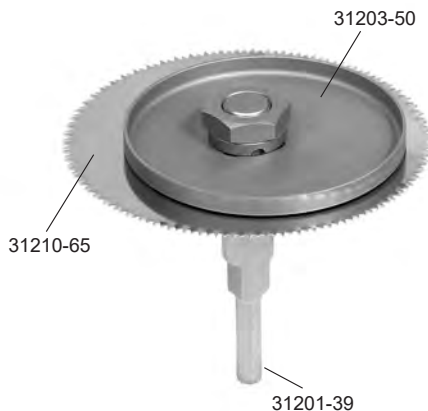
**Set 31204-00:** 31201-39 + 31204-01

**Set 31204-10:** 31201-39 + 31204-03

**Set 31204-20:** 31201-58 + 31204-01

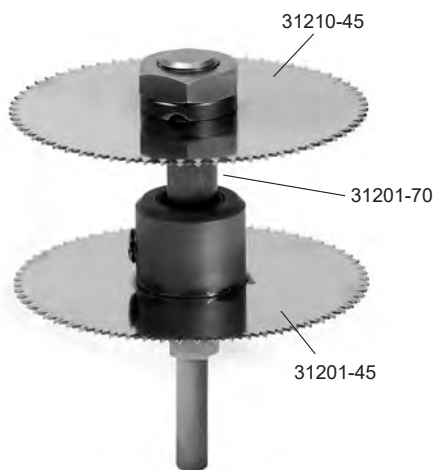
**Set 31204-30:** 31201-58 + 31204-03

Zubehör zur Autopsiesäge  
Accessories for Autopsy saw  
Accesorio para la sierra de autopsia  
Accessori per sega per autopsia

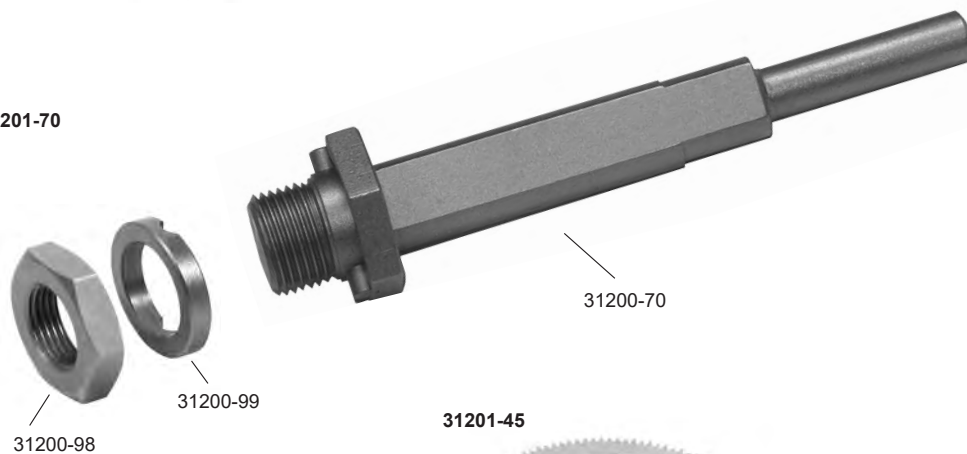
**Set 31205-00****Set 31205-00:** 31201-39 + 31205-20**Set 31206-00:** 31201-39 + 31205-08**Set 31206-10:** 31201-58 + 31205-08**Set 31205-10:** 31201-58 + 31205-20**Set 31210-10****Set 31210-10:** 31201-39 + 31210-65 + 31203-50**Set 31210-00:** 31201-58 + 31210-65 + 31203-50



Zubehör zur Autopsiesäge  
Accessories for Autopsy saw  
Accesorio para la sierra de autopsia  
Accessori per sega per autopsia

**Set 31202-00**

**Set 31202-00:** 31201-70 + 31210-45 + 31201-45

**31201-70****31201-45**

Zubehör für Autopsiesäge 31201-22 und 31201-11 siehe Seite 230/4 - 230/7  
 Accessories for Autopsy saw 31201-22 and 31201-11 please see page 230/4 - 230/7  
 Accesorios para sierra para autopsia 31201-22 y 31201-11 vea la página 230/4 - 230/7  
 Accessorio per sega per autopsia 31201-22 e 31201-11 vedi pagina 230/4 - 230/7

|          |                                                                                |
|----------|--------------------------------------------------------------------------------|
| 31200-39 | Schaft 39mm allein                                                             |
| 31201-39 | Schaft 39mm komplett                                                           |
| 31203-00 | Schaft 39mm komplett + Sägeblatt Ø 50mm                                        |
| 31203-10 | Schaft 39mm komplett + Sägeblatt Ø 65mm                                        |
| 31204-00 | Schaft 39mm komplett + Segmentsägeblatt 50/65mm                                |
| 31204-10 | Schaft 39mm komplett + Segmentsägeblatt 65/65mm                                |
| 31210-10 | Schaft 39mm komplett + Sägeblatt Ø 65mm + Begrenzungsscheibe                   |
| 31206-00 | Schaft 39mm komplett + Tiefensägeblatt 8mm                                     |
| 31205-00 | Schaft 39mm komplett + Tiefensägeblatt 20mm                                    |
| 31200-58 | Schaft 58mm allein                                                             |
| 31201-58 | Schaft 58mm komplett                                                           |
| 31203-20 | Schaft 58mm komplett + Sägeblatt Ø 50mm                                        |
| 31203-30 | Schaft 58mm komplett + Sägeblatt Ø 65mm                                        |
| 31204-20 | Schaft 58mm komplett + Segmentsägeblatt 50/65mm                                |
| 31204-30 | Schaft 58mm komplett + Segmentsägeblatt 65/65mm                                |
| 31210-00 | Schaft 58mm komplett + Sägeblatt Ø 65mm + Begrenzungsscheibe                   |
| 31206-10 | Schaft 58mm komplett + Tiefensägeblatt 8mm                                     |
| 31205-10 | Schaft 58mm komplett + Tiefensägeblatt 20mm                                    |
| 31200-70 | Schaft Doppelsäge allein                                                       |
| 31201-70 | Schaft Doppelsäge komplett                                                     |
| 31202-00 | Schaft Doppelsäge komplett + Sägeblatt Ø 45mm + verstellbares Sägeblatt Ø 45mm |
| 31201-45 | verstellbares Sägeblatt Ø 45mm komplett                                        |
| 31200-96 | Inbusmadenschraube für verstellbares Sägeblatt Ø 45mm komplett                 |
| 31200-98 | Mutter für Schaft                                                              |
| 31200-99 | Sperring für Schaft                                                            |
| 31200-39 | Arbor 39mm only                                                                |
| 31201-39 | Arbor 39mm complete                                                            |
| 31203-00 | Arbor 39mm complete + saw blade Ø 50mm                                         |
| 31203-10 | Arbor 39mm complete + saw blade Ø 65mm                                         |
| 31204-00 | Arbor 39mm complete + segment saw blade 50/65mm                                |
| 31204-10 | Arbor 39mm complete + segment saw blade 65/65mm                                |
| 31210-10 | Arbor 39mm complete + saw blade Ø 65mm + limiting disc                         |
| 31206-00 | Arbor 39mm complete + deep cutting saw 8mm                                     |
| 31205-00 | Arbor 39mm complete + deep cutting saw 20mm                                    |
| 31200-58 | Arbor 58mm only                                                                |
| 31201-58 | Arbor 58mm complete                                                            |
| 31203-20 | Arbor 58mm complete + saw blade Ø 50mm                                         |
| 31203-30 | Arbor 58mm complete + saw blade Ø 65mm                                         |
| 31204-20 | Arbor 58mm complete + segment saw blade 50/65mm                                |
| 31204-30 | Arbor 58mm complete + segment saw blade 65/65mm                                |
| 31210-00 | Arbor 58mm complete + saw blade Ø 65mm + limiting disc                         |
| 31206-10 | Arbor 58mm complete + deep cutting saw 8mm                                     |
| 31205-10 | Arbor 58mm complete + deep cutting saw 20mm                                    |
| 31200-70 | Double saw only                                                                |
| 31201-70 | Double saw complete                                                            |
| 31202-00 | Double saw complete + saw blade Ø 45mm + adjustable saw blade Ø 45mm           |
| 31201-45 | Adjustable saw blade Ø 45mm complete                                           |
| 31200-96 | Allen screw for adjustable saw blade Ø 45mm complete                           |
| 31200-98 | Nut for arbor                                                                  |
| 31200-99 | Blocking ring for arbor                                                        |

Zubehör für Autopsiesäge 31201-22 und 31201-11 siehe Seite 230/4 - 230/7  
 Accessories for Autopsy saw 31201-22 and 31201-11 please see page 230/4 - 230/7  
 Accesorios para sierra para autopsia 31201-22 y 31201-11 vea la página 230/4 - 230/7  
 Accessorio per sega per autopsia 31201-22 e 31201-11 vedi pagina 230/4 - 230/7

|          |                                                                                      |
|----------|--------------------------------------------------------------------------------------|
| 31200-39 | Vastago 39mm suelto                                                                  |
| 31201-39 | Vastago 39mm completo                                                                |
| 31203-00 | Vastago 39mm completo + hoja de repuesto Ø 50mm                                      |
| 31203-10 | Vastago 39mm completo + hoja de repuesto Ø 65mm                                      |
| 31204-00 | Vastago 39mm completo + hoja de repuesto para segmento 50/65mm                       |
| 31204-10 | Vastago 39mm completo + hoja de repuesto para segmento 65/65mm                       |
| 31210-10 | Vastago 39mm completo + hoja de repuesto Ø 65mm + disco de tope                      |
| 31206-00 | Vastago 39mm completo + hoja de sierra de profundidad 8mm                            |
| 31205-00 | Vastago 39mm completo + hoja de sierra de profundidad 20mm                           |
| 31200-58 | Vastago 58mm suelto                                                                  |
| 31201-58 | Vastago 58mm completo                                                                |
| 31203-20 | Vastago 58mm completo + hoja de repuesto Ø 50mm                                      |
| 31203-30 | Vastago 58mm completo + hoja de repuesto Ø 65mm                                      |
| 31204-20 | Vastago 58mm completo + hoja de repuesto para segmento 50/65mm                       |
| 31204-30 | Vastago 58mm completo + hoja de repuesto para segmento 65/65mm                       |
| 31210-00 | Vastago 58mm completo + hoja de repuesto Ø 65mm + disco de tope                      |
| 31206-10 | Vastago 58mm completo + hoja de sierra de profundidad 8mm                            |
| 31205-10 | Vastago 58mm completo + hoja de sierra de profundidad 20mm                           |
| 31200-70 | Doble sierra suelta                                                                  |
| 31201-70 | Doble sierra completa                                                                |
| 31202-00 | Doble sierra completa + hoja de repuesto Ø 45mm + hoja de sierra ajustable Ø 45mm    |
| 31201-45 | hoja de sierra ajustable Ø 45mm completa                                             |
| 31200-96 | tornillo con hembra hexagonal para hoja de sierra ajustable Ø 45mm completa          |
| 31200-98 | tuerca para vastago                                                                  |
| 31200-99 | anillo de recambio para vastago                                                      |
| 31200-39 | Asta 39mm sola                                                                       |
| 31201-39 | Asta 39mm completa                                                                   |
| 31203-00 | Asta 39mm completa + lama per sega Ø 50mm                                            |
| 31203-10 | Asta 39mm completa + lama per sega Ø 65mm                                            |
| 31204-00 | Asta 39mm completa + lama per sega a segmento 50/65mm                                |
| 31204-10 | Asta 39mm completa + lama per sega a segmento 65/65mm                                |
| 31210-10 | Asta 39mm completa + lama per sega Ø 65mm + disco eccentrico                         |
| 31206-00 | Asta 39mm completa + lama a taglio di profondità 8mm                                 |
| 31205-00 | Asta 39mm completa + lama a taglio di profondità 20mm                                |
| 31200-58 | Asta 58mm sola                                                                       |
| 31201-58 | Asta 58mm completa                                                                   |
| 31203-20 | Asta 58mm completa + lama per sega Ø 50mm                                            |
| 31203-30 | Asta 58mm completa + lama per sega Ø 65mm                                            |
| 31204-20 | Asta 58mm completa + lama per sega a segmento 50/65mm                                |
| 31204-30 | Asta 58mm completa + lama per sega a segmento 65/65mm                                |
| 31210-00 | Asta 58mm completa + lama per sega Ø 65mm + disco eccentrico                         |
| 31206-10 | Asta 58mm completa + lama a taglio di profondità 8mm                                 |
| 31205-10 | Asta 58mm completa + lama a taglio di profondità 20mm                                |
| 31200-70 | Sega a doppia lama sola                                                              |
| 31201-70 | Sega a doppia lama completa                                                          |
| 31202-00 | Sega a doppia lama completa + lama per sega Ø 45mm + lame per sega regolabile Ø 45mm |
| 31201-45 | lame per sega regolabile Ø 45mm completa                                             |
| 31200-96 | tornillo con hembra hexagonal para hoja de sierra ajustable Ø 45mm completa          |
| 31200-98 | brugola per asta                                                                     |
| 31200-99 | anello di ricambio per asta                                                          |

Oszillierende Gipssäge  
Oscillating Plaster Saw  
Sierra oscilante p. vendajes enyesados  
Sega oscillante per gessi

Geräuschpegel: 52 - 77 db (A)

Noise level: 52 - 77 db (A)

Nivel de ruido del aparato sólo: 52 - 77 db (A)

Livello acustico dello strumento solo: 52 - 77 db (A)

6500-24000 Schwingungen pro Minute

6500-24000 oscillations per minute

6500-24000 oscilaciones por minuto

6500-24000 oscillazioni al minute

EN 60601-1, EN 60601-1-2, IEC 60601-1, IEC 60601-1-2



31210-21 120 Volt, 500 Watt, 1,5 kg

31210-22 230 Volt, 500 Watt, 1,5 kg

**31210-21 + 31210-22 inklusive, inclusive, inclusive, inclusive:**

1x 31210-50 Ø 50mm Sägeblatt, saw blade, hoja de repuesto, lama per sega

1x 31210-65 Ø 65mm Sägeblatt, saw blade, hoja de repuesto, lama per sega

1x 31212-02 Paar Gabelschlüssel, pair flat wrench, pareja llave de boca, paio chiave a bocca, 11mm

Zubehör für oszillierende Gipssäge 31210-22 und 31210-21 siehe Seite 230/14 - 230/18  
 Accessories for oscillating plaster saw 31210-22 and 31210-21 please see page 230/14 - 230/18  
 Accesorios p. sierra oscilante p. vendajes enyesados 31210-22 y 31210-21 vea la página 230/14 - 230/18  
 Accessorio per sega oscillante per gessi 31210-22 e 31210-21 vedi pagina 230/14 - 230/18

- 31212-02 1 Paar Gabelschlüssel, pair flat wrench, pareja llave de boca, paio chiave a bocca, 11mm  
 31210-30 Koffer, case, maleta, valigia

Naturgipsverbände / bandage / vendajes enyesados / bandaggio in gesso

- 31210-45 Ø 45mm Sägeblatt, saw blade, hoja de repuesto, lama per sega  
 31210-50 Ø 50mm Sägeblatt, saw blade, hoja de repuesto, lama per sega  
  
 31210-65 Ø 65mm Sägeblatt, saw blade, hoja de repuesto, lama per sega  
 31204-01 Ø 50/65mm Segment-Sägeblatt, segment saw blade, hoja de repuesto para segmento, lama per sega a segmento  
 31204-03 Ø 65/65mm Segment-Sägeblatt, segment saw blade, hoja de repuesto para segmento, lama per sega a segment  
 31205-08 8mm Tiefen-Sägeblatt, deep cutting saw, hoja de sierra de profundidad, lama a taglio di profondità  
 31205-20 20mm Tiefen-Sägeblatt, deep cutting saw, hoja de sierra de profundidad, lama a taglio di profondità

synthetische Hartverbände / synthetic bandage / vendajes sintéticos / bandaggio sintetico

- 31211-45 Ø 45mm Sägeblatt, saw blade, hoja de repuesto, lama per sega  
 31211-50 Ø 50mm Sägeblatt, saw blade, hoja de repuesto, lama per sega  
 31211-65 Ø 65mm Sägeblatt, saw blade, hoja de repuesto, lama per sega  
 31204-02 Ø 50/65mm Segment-Sägeblatt, segment saw blade, hoja de repuesto para segmento, lama per sega a segmento  
 31204-04 Ø 65/65mm Segment-Sägeblatt, segment saw blade, hoja de repuesto para segmento, lama per sega a segment  
 31205-09 8mm Tiefen-Sägeblatt, deep cutting saw, hoja de sierra de profundidad, lama a taglio di profondità  
 31205-21 20mm Tiefen-Sägeblatt, deep cutting saw, hoja de sierra de profundidad, lama a taglio di profondità

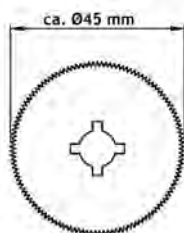
PTFE synthetische Hartverbände / PTFE synthetic bandage / PTFE vendajes sintéticos / PTFE bandaggio sintetico

- 31212-50 Ø 50mm Sägeblatt, saw blade, hoja de repuesto, lama per sega  
 31212-65 Ø 65mm Sägeblatt, saw blade, hoja de repuesto, lama per sega

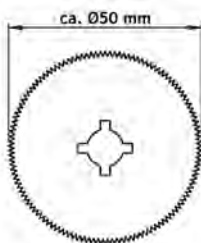
Naturgipsverbände und synthetische Hartverbände / Bandage and synthetic bandage / Vendajes enyesados y vendajes sintéticos / Bandaggio in gesso e bandaggio sintetico

- 31203-50 Begrenzungsscheibe, limiting disc, disco de tope, disco eccentrico

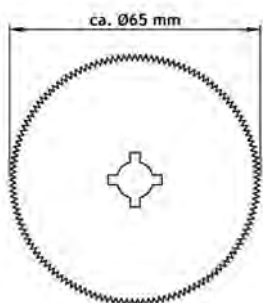
Sägeblätter  
Saw blades  
Hojas de repuesto  
Lame per sega



31210-45  
31211-45

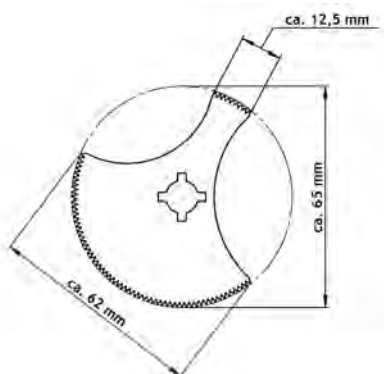


31210-50  
31211-50  
31212-50

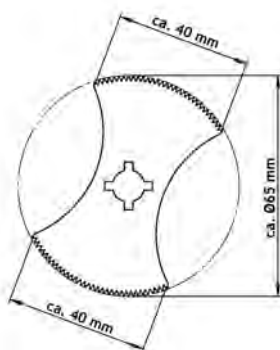


31210-65  
31211-65  
31212-65

Segment-Sägeblätter  
Segment saw blades  
Hojas de repuesto para segmento,  
Lame per sega a segment

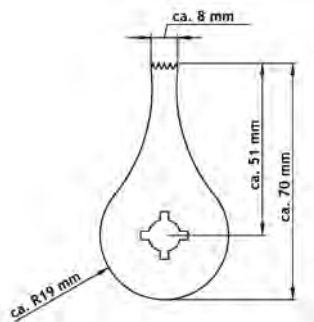


31204-01 Ø 50/65mm  
31204-02 Ø 50/65mm



31204-03 Ø 65/65mm  
31204-04 Ø 65/65mm

Tiefen-Sägeblätter  
depp cutting saw  
Hojas de sierra de profundidad,  
Lame a taglio di profondità



31205-08 8mm  
31205-09 8mm

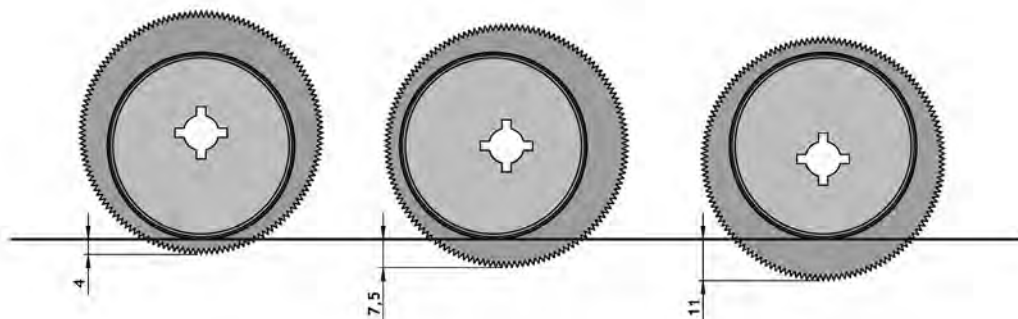


Sägeblätter  
Saw blades  
Hojas de repuesto  
Lame per sega



31203-50

Begrenzungsscheibe  
Limiting disc  
Disco de tope  
Disco eccentrico



31203-50  
für Sägeblatt mit Ø 65mm  
for Saw blade with Ø 65mm  
para hoja de sierra Ø 65mm  
per lama di sega Ø 65mm



31210-65  
31204-01  
31204-03  
31211-65  
31204-02  
31204-04  
31212-65

Zubehör  
Accessories  
Accesorio  
Accessori



31200-95



31202-16



31210-30



31212-02, 11 mm  
31202-14, 14 mm



31220-99  
10 Stück  
10 pieces  
10 piezas  
10 pezzi

Absauganlage und Wagen ohne Gipssäge  
Hoover and carriage without plaster saw  
Aspirador y careta sin sierra  
Aspirazione e carello senza sega

31252-11 120 Volt, 500 - 800 Watt (800 PT), 19 kg

31252-22 230 Volt, 500 - 800 Watt (800 PT), 19 kg



31254-10



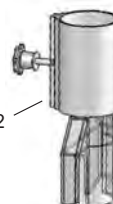
Aufgebaute Einheit  
Set-up unit

31254-10

31254-11



31254-12



31253-00 230 Volt  
31253-11 120 Volt

Zubehör für 31252-22 und 31252-11  
 Accessories for 31252-22 and 31252-11  
 Accesorios para 31252-22 y 31252-11  
 Accessorio per 31252-22 e 31252-11

- 31253-00 230 Volt, Staubsauger, Hoover, aspirador, aspirapolvere  
 31253-11 120 Volt, Staubsauger, Hoover, aspirador, aspirapolvere  
 31254-10 Saugschlauch 3,3 Meter, schwarz, suction hose 3,3 meter, black, manguera de aspiracion 3,3 metros, negra, tubo di aspirazione 3,3 metri, nera  
 31254-11 Saugdüse schwarz, suction nozzle black, boquilla aspirante negra, ugello aspirante nero  
 31254-12 Saughaube kpl., suction cover cpl., cofia de aspiracion cpl., cuffia di aspirazione cpl.  
 31250-10 Set Filtertüten, set filter paper, set de filtros, set di filtri:  
 1x 31250-15  
 6x 31250-12  
 6x 31250-14

- 31250-12 Staubbeutel, Ather, antera, antera



- 31250-13 Motorfilter, motor filter, filtro para motor, filtro per motore

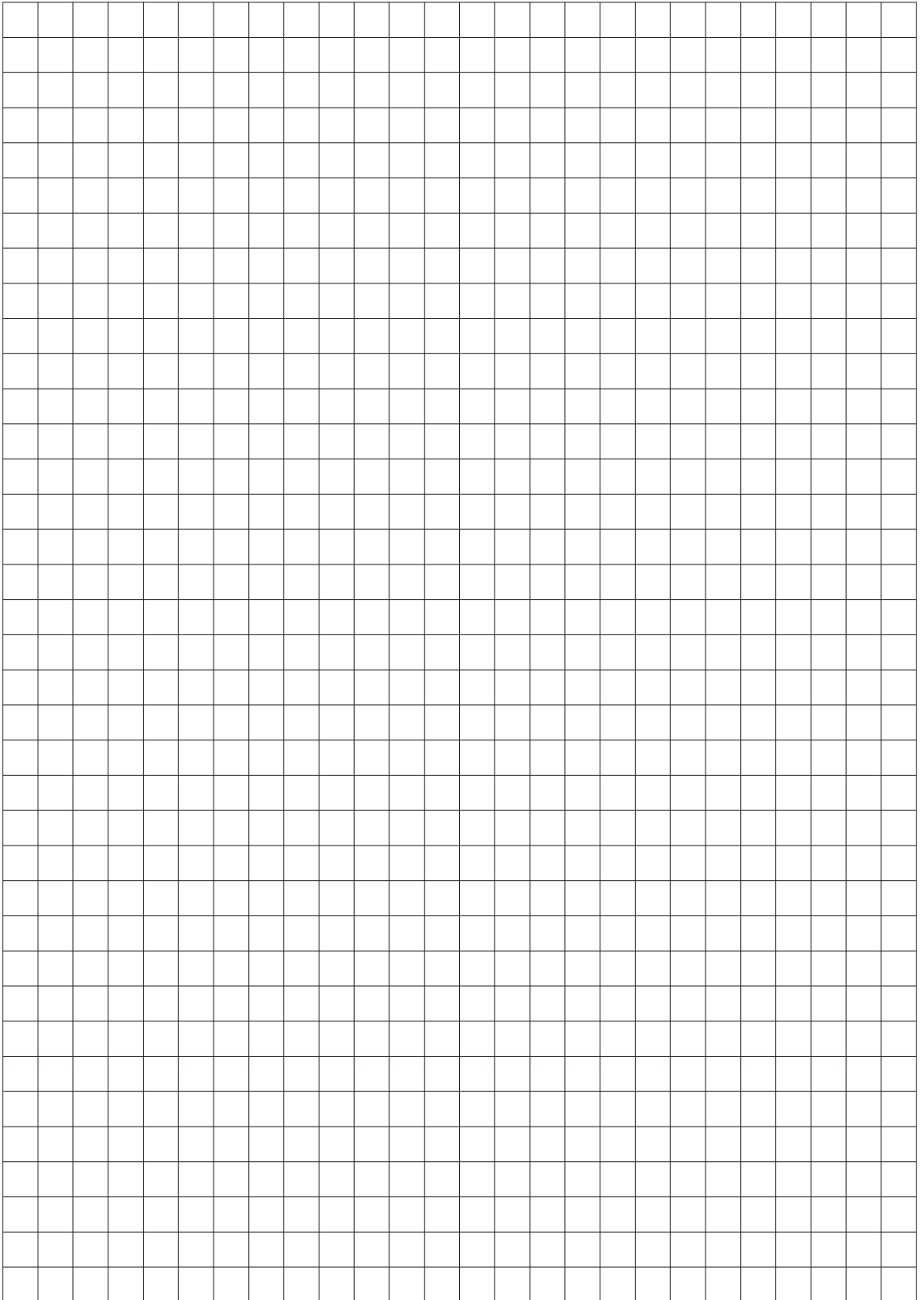


- 31250-14 Duftstick, flavor stick, stick de aroma, stick di effluvio

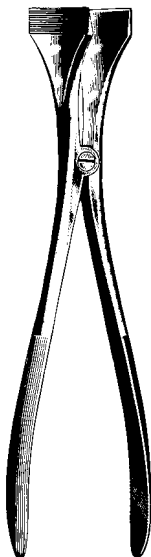


- 31250-15 HEPA-Filter, HEPA-Filter, filtro HEPA, filtro HEPA,

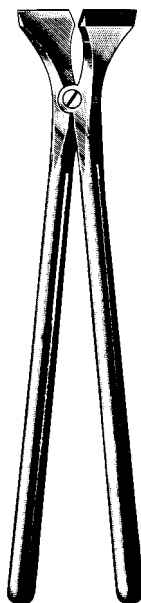




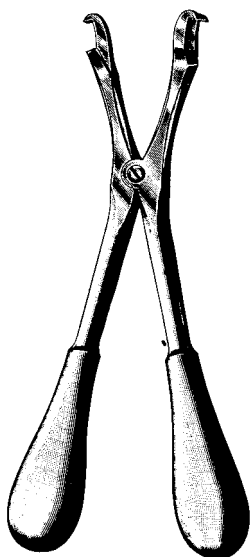
Gipsspreizer  
Plaster Cast Instruments  
Instrumentos para vendajes enyesados  
Allargagessi



HENNIG  
31350-28 28 cm, 11"



BEESON  
31360-30 30 cm, 11<sup>3</sup>/<sub>4</sub>"



HAGLUND-STILLE  
31362-28 28 cm, 11"



REDA  
31366-23 23 cm, 9"

Gipsmesser, Gipsabreißzangen  
Plaster Cast Instruments, Knives  
Instrumentos para vendajes enyesados, Cuchillos  
Allargagessi, Coltelli per Gessi, Strappagessi



HOPKINS  
31370-20  
20 cm, 8"



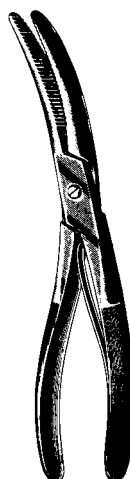
ESMARCH  
31380-18  
18 cm, 7"



REINER  
31390-18  
18 cm, 7"

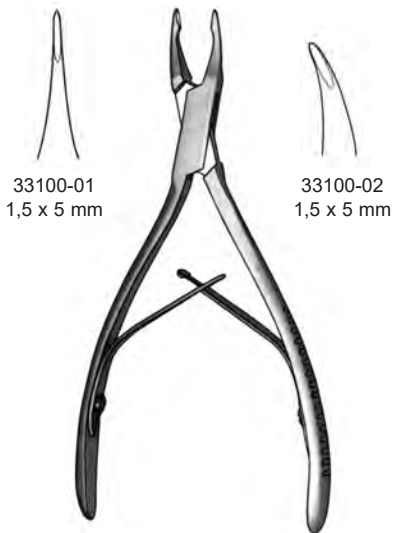


WOLFF  
31395-18  
18 cm, 7"



WOLFF  
31397-24  
24 cm, 9 1/2"

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



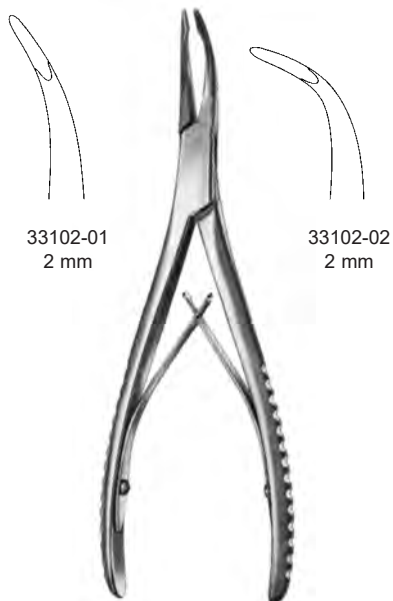
MICRO FRIEDMAN  
14 cm, 5 1/2"



FRIEDMAN Mini  
33101-12 12 cm, 4 3/4"



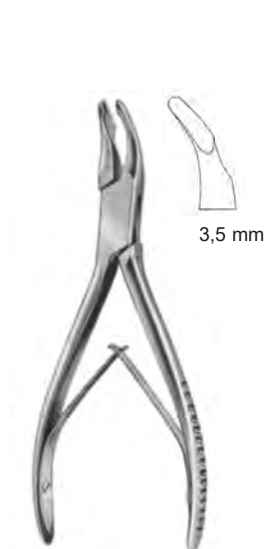
FRIEDMAN  
33101-14 14 cm, 5 1/2"



STELLBRINK  
17 cm, 6 3/4"



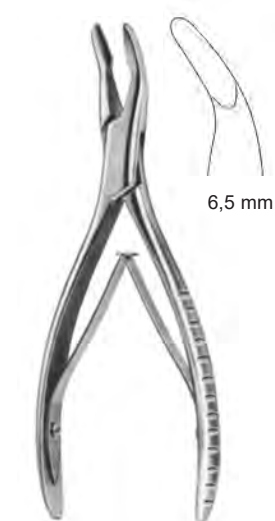
Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



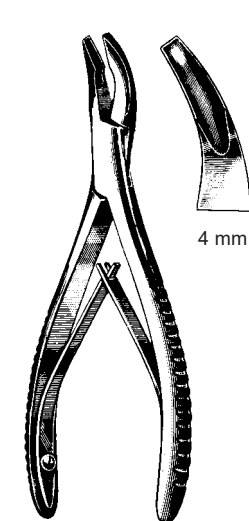
CLEVELAND  
33103-14 14 cm, 5 1/2"



CLEVELAND  
33105-17 17 cm, 6 3/4"

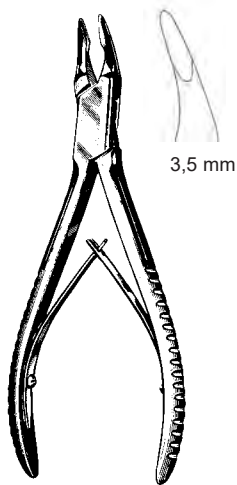


MEAD  
33107-16 16,5 cm, 6 1/2"

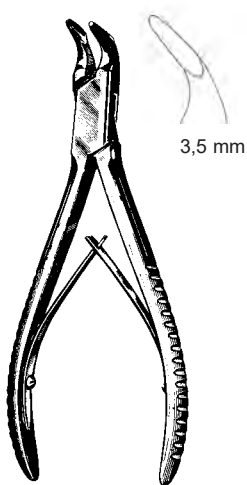


MEAD  
33109-16 16,5 cm, 6 1/2"

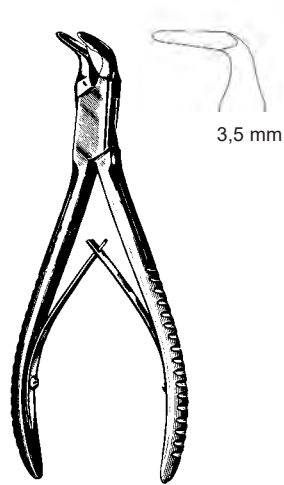
Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



BLUMENTHAL  
33115-15  
15,5 cm, 6"



BLUMENTHAL  
33117-15  
15,5 cm, 6"



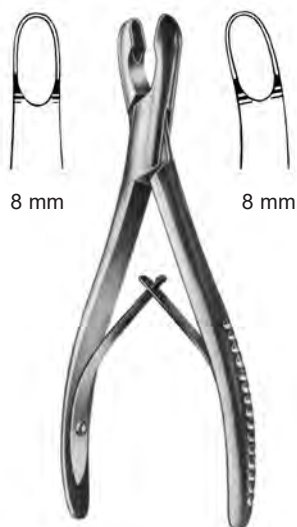
BLUMENTHAL  
33119-15  
15,5 cm, 6"



LUER  
33131-15  
15 cm, 5.9"



LUER  
33133-15  
15 cm, 5.9"



LUER  
33136-17 33137-17  
17 cm, 6 3/4"



ADSON  
33142-20 33143-20  
20 cm, 7.9"

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze scorbie



OLIVECRONA  
33147-20  
20 cm, 7.9"



BANE-HARTMANN  
33148-18  
17,5 cm, 7"



LEMPERT  
33150-16 33151-16  
16 cm, 6 1/4"



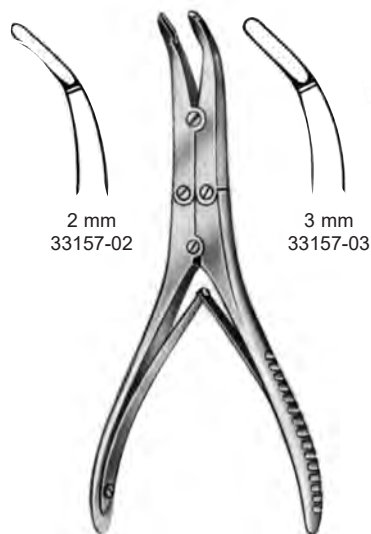
JANSEN  
17 cm, 6 3/4"



LEMPERT  
33154-18 33155-18  
18,5 cm, 7 1/4"



BEYER  
33156-18  
18 cm, 7"



KLEINERT-KUTZ  
15 cm, 6"

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



BEYER  
33201-18  
18 cm, 7"



SMITH-PETERSEN  
24 cm, 9 1/2"



3 mm  
33157-04



4 mm  
33157-05



5 mm  
33157-06



3 mm  
33158-03



4 mm  
33158-04



5 mm  
33158-05



MAYFIELD  
33202-18  
18 cm, 7"

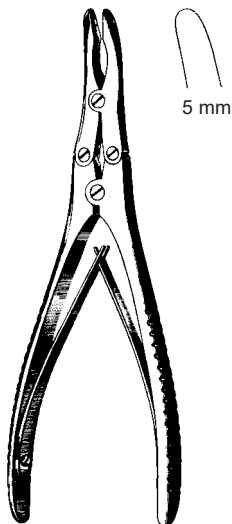


ZAUFAL-JANSEN  
33205-18  
18 cm, 7"

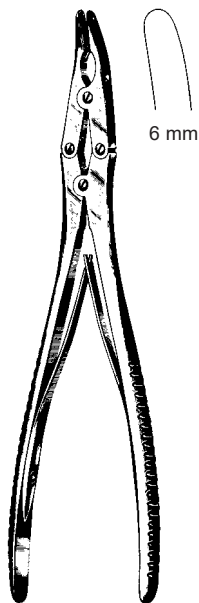


BÖHLER  
33211-15 33213-15  
15 cm, 6"

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



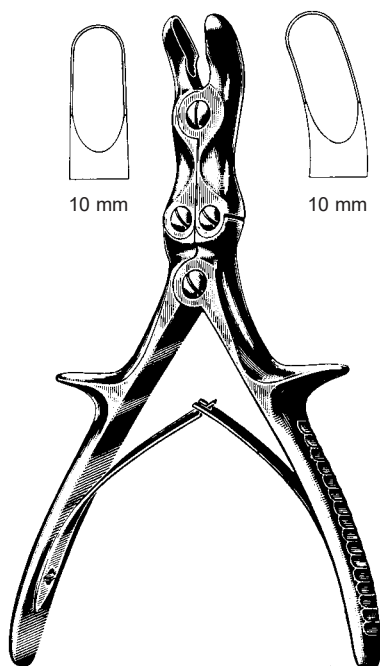
**RUSKIN**  
33216-18 33217-18  
18 cm, 7"



**RUSKIN**  
33219-23 23 cm, 9"



**MARQUARDT**  
33220-20 20 cm, 8"



**STILLE-LUER**  
33230-22 22 cm, 8 3/4" 33231-22  
33230-26 26 cm, 10 1/4" 33231-26

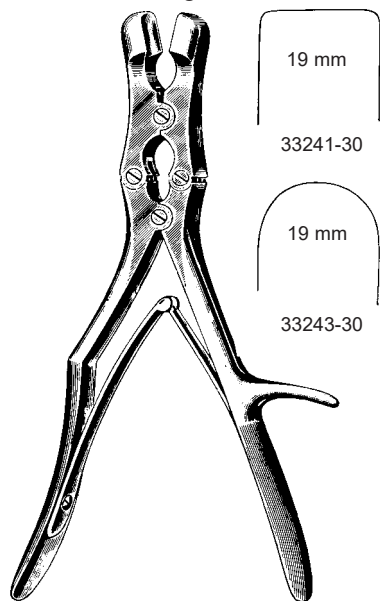


**STILLE-LUER**  
33235-23  
23 cm, 9"

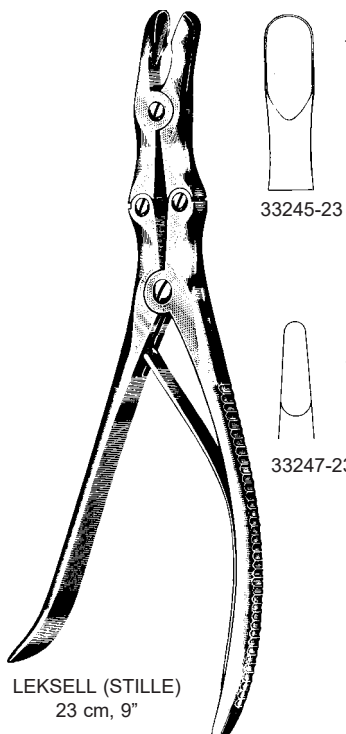


**STILLE-RUSKIN**  
33237-23  
23 cm, 9"

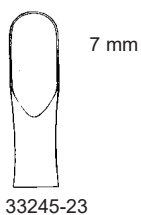
Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



SAUERBRUCH  
30 cm, 11 $\frac{3}{4}$ "



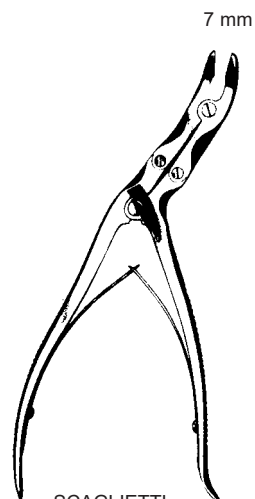
LEKSELL (STILLE)  
23 cm, 9"



33245-23



33247-23



SCAGLIETTI

26 cm, 10 $\frac{1}{4}$ "

33251-26  
rechts  
right  
derecha  
a destra

33253-26  
links  
left  
izquierda  
a sinistra



ECHLIN

33257-23 2 mm  
33258-23 4 mm  
33259-23 3 mm  
23 cm, 9"



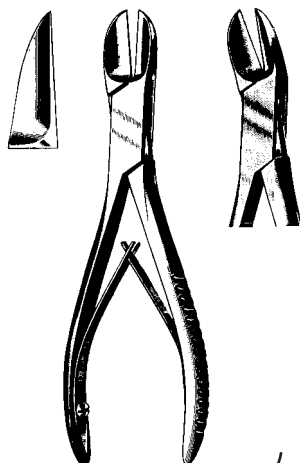
FRYKHOLM  
33260-24  
24 cm, 9 $\frac{1}{2}$ "



SEMB

33261-22  
22,5 cm, 8.9"

Knochensplitterzangen  
Bone Cutting Forceps  
Pinzas cortantes para huesos  
Cesoie per ossa



LISTON

|          |               |          |
|----------|---------------|----------|
| 33274-14 | 14 cm, 5 1/2" | 33275-14 |
| 33274-17 | 17 cm, 6 3/4" | 33275-17 |
| 33274-19 | 19 cm, 7 1/2" | 33275-19 |
| 33274-22 | 22 cm, 8 3/4" | 33275-22 |



BÖHLER

|           |          |
|-----------|----------|
| 33280-15  | 33281-15 |
| 15 cm, 6" |          |



COTTLE-KAZANJIAN

|               |
|---------------|
| 33282-19      |
| 19 cm, 7 1/2" |



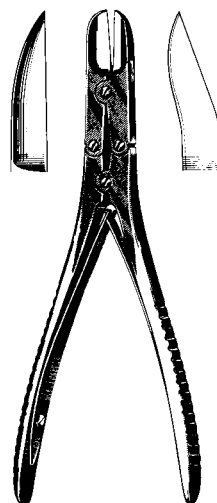
MC INDOE

|               |
|---------------|
| 33283-17      |
| 17 cm, 6 3/4" |



STAMM

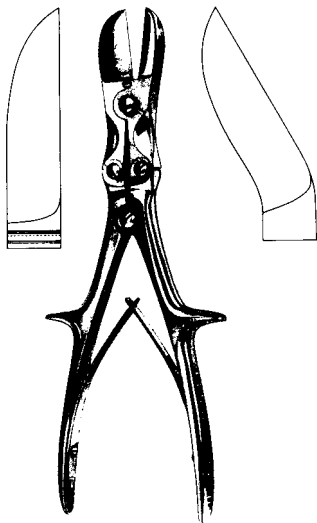
|           |
|-----------|
| 33284-15  |
| 15 cm, 6" |



RUSKIN-LISTON

|           |          |
|-----------|----------|
| 33286-18  | 33289-18 |
| 18 cm, 7" |          |

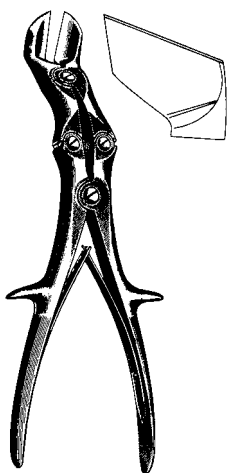
Knochensplitterzangen  
 Bone Cutting Forceps  
 Pinzas cortantes para huesos  
 Cesoie per ossa



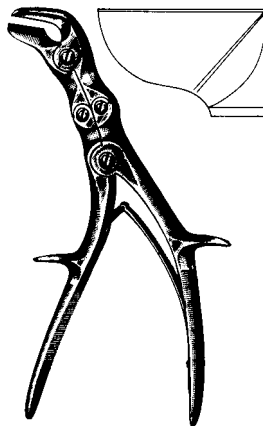
— STILLE-LISTON —  
 33290-23 23 cm, 9" 33291-23  
 33290-27 27 cm, 10<sup>1</sup>/<sub>2</sub>" 33291-27



STILLE-LISTON  
 33292-26  
 26 cm, 10<sup>1</sup>/<sub>4</sub>"



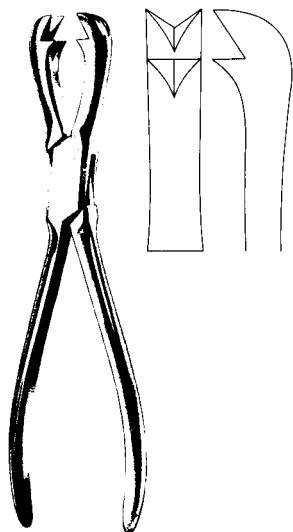
STILLE-HORSLEY  
 33293-27  
 27 cm, 10<sup>1</sup>/<sub>2</sub>"



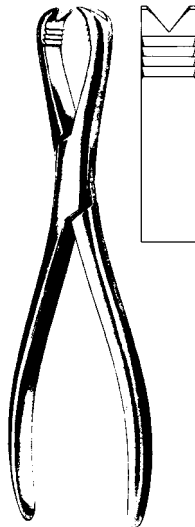
SEMB  
 33295-24  
 24 cm, 9<sup>1</sup>/<sub>2</sub>"



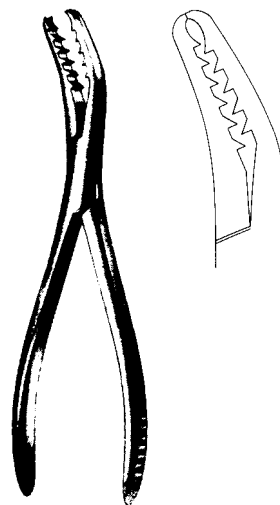
Knochenhalte­zangen  
Bone Holding Forceps  
Pinzas para huesos  
Tenaglie per ossa



FERGUSSON  
33360-21  
21 cm, 8 1/4"



LANGENBECK  
33362-21  
21 cm, 8 1/4"



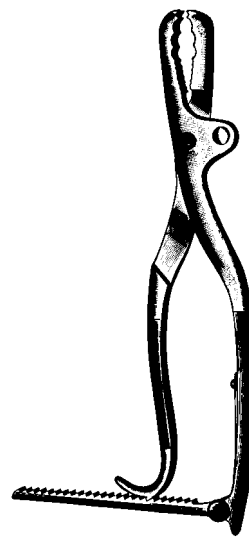
SEMB  
33365-19  
19 cm, 7 1/2"



SEMB  
33366-19  
20 cm, 8"

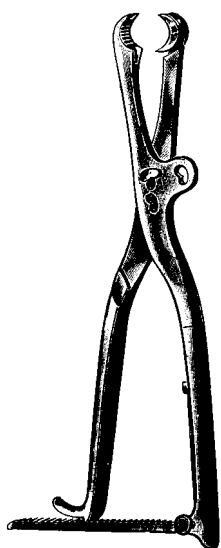


FARABEUF  
33366-23 23 cm, 9"  
33366-26 26 cm, 10 1/4"



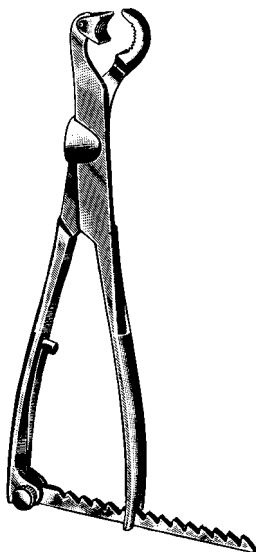
FARABEUF-LAMBOTTE  
33368-26  
26 cm, 10 1/4"

Knochenhaltezeugen  
Bone Holding Forceps  
Pinzas para huesos  
Tenaglie per ossa



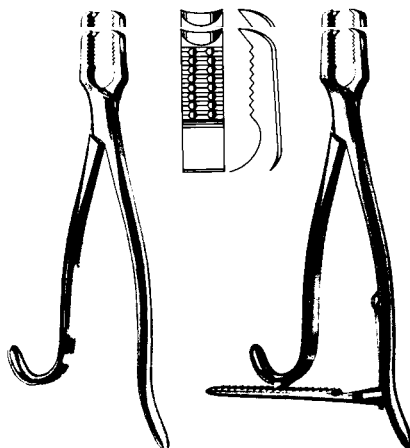
LAMBOTTE

33370-22 22 cm, 8 $\frac{3}{4}$ "  
33370-27 27 cm, 10 $\frac{1}{2}$ "  
33370-30 30 cm, 11 $\frac{1}{4}$ "



LAMBOTTE

33372-22 22 cm, 8 $\frac{3}{4}$ "  
33372-26 26 cm, 10 $\frac{1}{4}$ "  
33372-33 33 cm, 13"



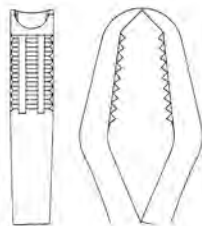
KERN

|          |                          |          |
|----------|--------------------------|----------|
| 33378-15 | 11 cm, 4 $\frac{1}{4}$ " | 33380-11 |
| 33378-17 | 15 cm, 6"                | 33380-15 |
| 33378-21 | 17 cm, 6 $\frac{3}{4}$ " | 33380-17 |
|          | 21 cm, 8 $\frac{1}{4}$ " | 33380-21 |
|          | 24 cm, 9 $\frac{1}{2}$ " | 33380-24 |



LANE

33382-33 33 cm, 13"  
33382-45 45 cm, 17 $\frac{3}{4}$ "



LANE

33384-33 33 cm, 13"  
33384-45 45 cm, 17 $\frac{3}{4}$ "

Knochenhaltezeugen  
Bone Holding Forceps  
Pinzas para huesos  
Tenaglie per ossa

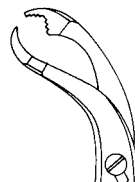
selbstzentrierend  
self-centering  
autocentrantes  
autocentranti

2,5 mm

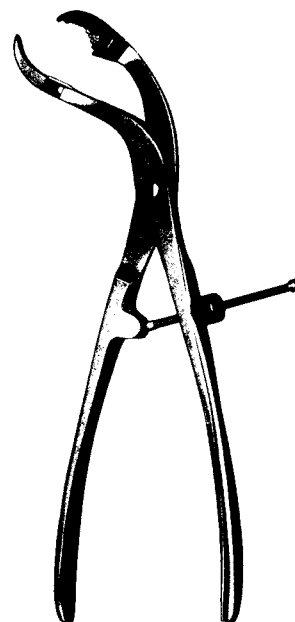


33391-15  
15 cm, 6"

6,5 mm

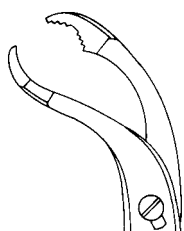


33391-19  
19 cm, 7 1/2"



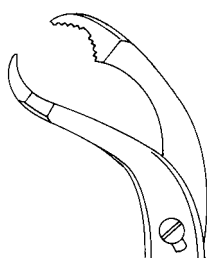
33391-15 - 33391-28

9,5 mm



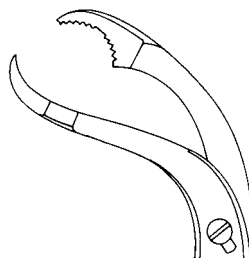
33391-24  
24 cm, 9 1/2"

10 mm

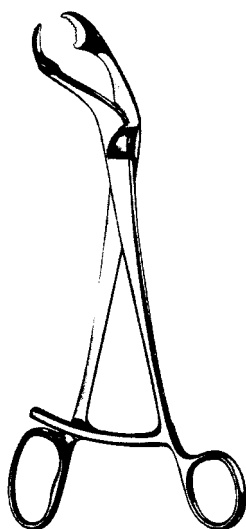


33391-26  
26 cm, 10 1/4"

11 mm

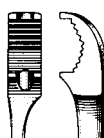


33391-28  
28 cm, 11"



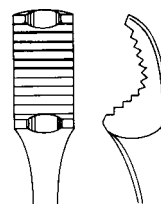
VERBRUGGE  
33395-17 - 33395-27

5 mm



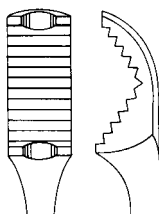
33395-17  
17,5 cm, 7"

9,5 mm



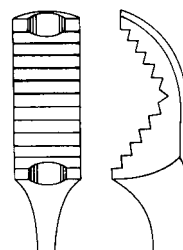
33395-25  
25 cm, 10"

10,5 mm



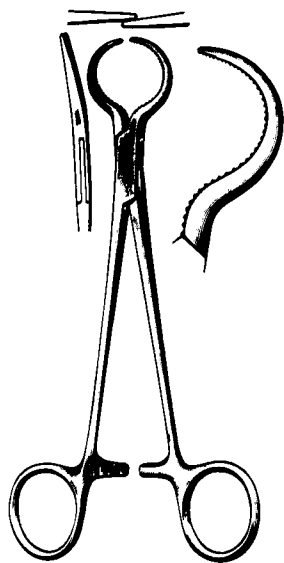
33395-26  
26 cm, 10 1/4"

12 mm

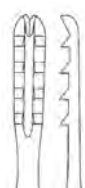


33395-27  
27 cm, 10 1/2"

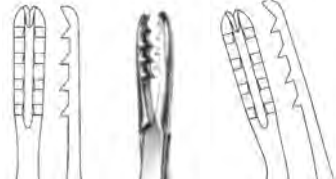
Knochenhaltezaugen  
Bone Holding Forceps  
Pinzas para huesos  
Tenaglie per ossa



LEWIN  
33402-17  
17,5 cm, 7"



33404-20



33405-20



BIRCHER-GANSKE  
20 cm, 8"



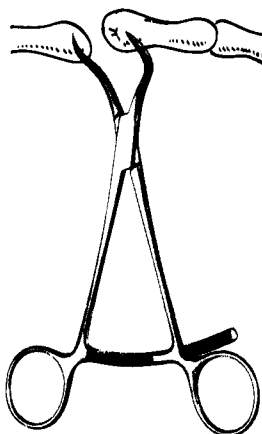
MARTIN  
33410-19  
19 cm, 7 1/2"



33406-20  
20 cm, 8"



33407-13  
13,5 cm, 5 1/4"



REDA  
33409-13  
13,5 cm, 5 1/4"

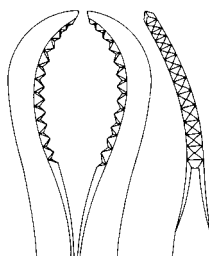


DINGMANN  
33407-19  
19 cm, 7 1/2"

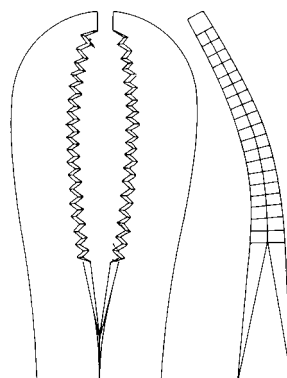
Knochenhaltezeugen  
Bone Holding Forceps  
Pinzas para huesos  
Tenaglie per ossa



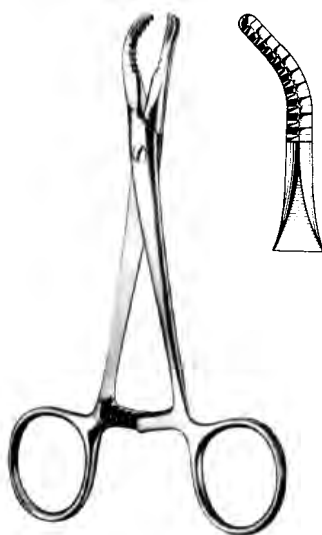
REDA  
33412-16 - 33412-24



33412-16  
16 cm, 6 1/4"



33412-24  
24 cm, 9 1/2"



REDA  
33413-14  
13,5 cm, 5 1/4"

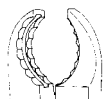


33414-21  
21 cm, 8 1/4"

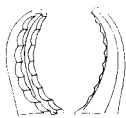
Knochenhaltezangen  
Bone Holding Forceps  
Pinzas para huesos  
Tenaglie per ossa



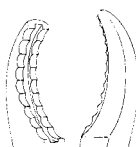
ULRICH  
33415-23 - 33415-28



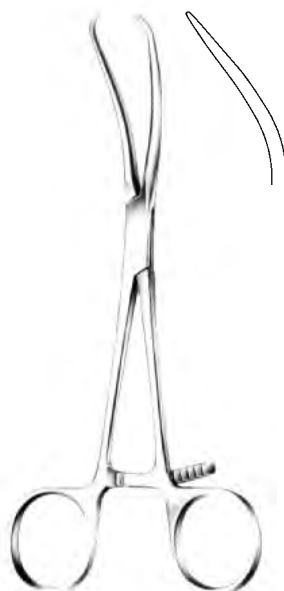
33415-23  
23 cm, 9"



33415-25  
25 cm, 10"



33415-28  
28 cm, 11"



REILL  
33416-17 17 cm, 6<sup>3</sup>/<sub>4</sub>"



PATELLA  
33417-18 18,5 cm, 7<sup>1</sup>/<sub>4</sub>"

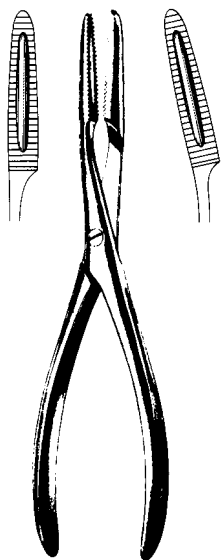


MEYER  
33418-17 17 cm, 6<sup>3</sup>/<sub>4</sub>"

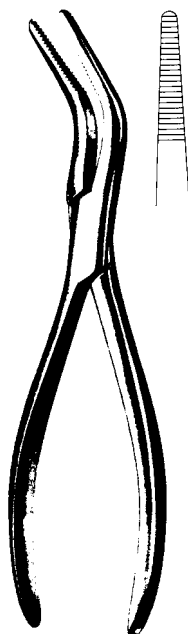


MEYER  
33419-20 20,5 cm, 8"

Knochenhaltezaugen, -Klammern  
Bone holding forceps, -Clamps  
Pinzas para huesos, Clamps porta-huesos  
Tenaglie per ossa, Pinze per ossa



33420-20 33421-20  
20 cm, 8"



VAN BUREN  
33423-23  
23 cm, 9"



FELDHEIM  
33424-10  
10 cm, 4"

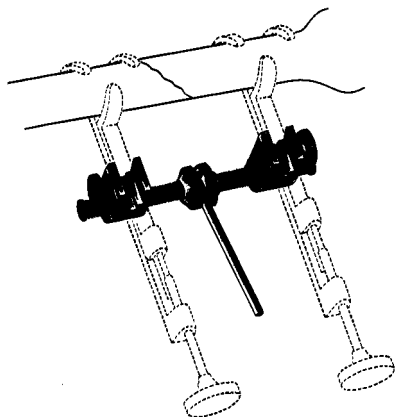


LOWMAN  
33441-13 13 cm, 5 1/8"  
33441-18 18 cm, 7"  
33441-20 20 cm, 8"



LAMBERT-LOWMAN  
33443-18  
18 cm, 7"

Knochenhaltezaugen, Bleihand  
 Bone holding forceps, Lead Hands  
 Pinzas para huesos, Manoplas de plomo  
 Tenaglie per ossa, Mani di piombo



GERSTER  
 33444-15

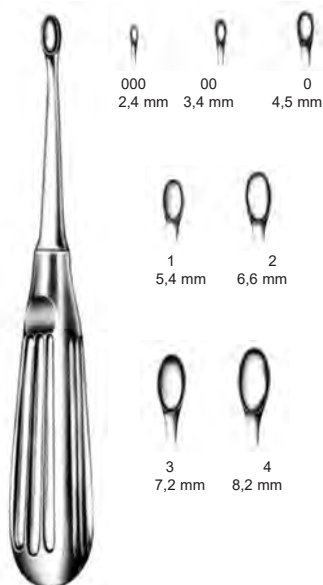


33450-01  
 32 cm, 12 <sup>3</sup>/<sub>4</sub>"  
 Erwachsen  
 adult size  
 p. adultos  
 p. adulti

33450-02  
 24 cm, 9 <sup>1</sup>/<sub>2</sub>"  
 Kind  
 child size  
 p. niños  
 p. bambini

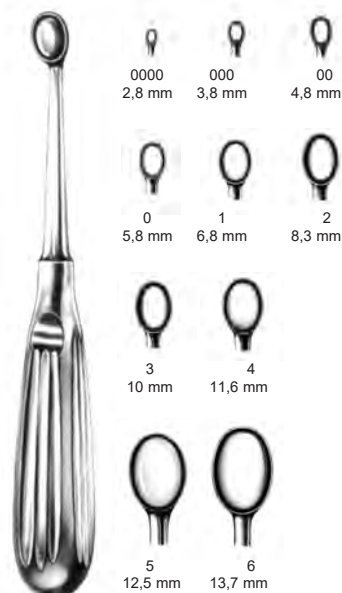


## Scharfe Löffel Bone Curettes Cucharillas cortantes Curette taglianti



**SCHEIDE**  
17 cm, 6<sup>3</sup>/<sub>4</sub>"  
33467-97 - 33468-04

| SCHEIDE  | Fig. | VOLKMANN |
|----------|------|----------|
|          | 0000 | 33469-96 |
| 33467-97 | 000  | 33469-97 |
| 33467-98 | 00   | 33469-98 |
| 33468-00 | 0    | 33470-00 |
| 33468-01 | 1    | 33470-01 |
| 33468-02 | 2    | 33470-02 |
| 33468-03 | 3    | 33470-03 |
| 33468-04 | 4    | 33470-04 |
|          | 5    | 33470-05 |
|          | 6    | 33470-06 |

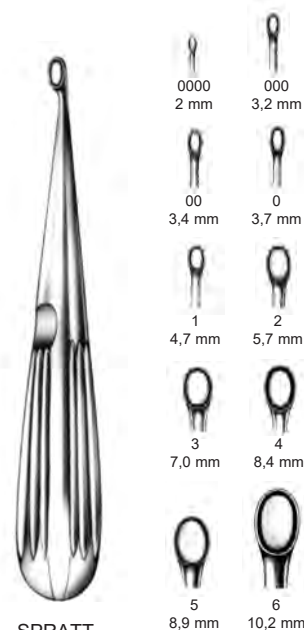


**VOLKMANN**  
17 cm, 6<sup>3</sup>/<sub>4</sub>"  
33469-96 - 33470-06



**BRUNS**  
17 cm, 6<sup>3</sup>/<sub>4</sub>"  
33471-96 - 33472-06

| BRUNS    | Fig. | SPRATT   |
|----------|------|----------|
| 33471-96 | 0000 | 33474-96 |
| 33471-97 | 000  | 33474-97 |
| 33471-98 | 00   | 33474-98 |
| 33472-00 | 0    | 33475-00 |
| 33472-01 | 1    | 33475-01 |
| 33472-02 | 2    | 33475-02 |
| 33472-03 | 3    | 33475-03 |
| 33472-04 | 4    | 33475-04 |
| 33472-05 | 5    | 33475-05 |
| 33472-06 | 6    | 33475-06 |



**SPRATT**  
17 cm, 6<sup>3</sup>/<sub>4</sub>"  
33474-97 - 33475-06

Scharfe Löffel  
 Bone Currettes  
 Cucharillas cortantes  
 Curette taglienti



COBB  
 27,9 cm, 11"

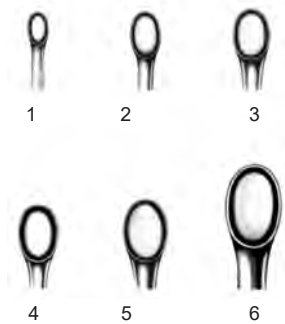


Fig.

|   |          |         |
|---|----------|---------|
| 1 | 33473-01 | 3,5 mm  |
| 2 | 33473-02 | 4,5 mm  |
| 3 | 33473-03 | 5,5 mm  |
| 4 | 33473-04 | 7,5 mm  |
| 5 | 33473-05 | 8,5 mm  |
| 6 | 33473-06 | 10,0 mm |

## Scharfe Löffel Bone Curettes Cucharillas cortantes Curette taglienti

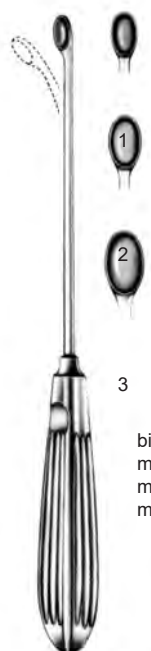


Fig.  
1 33476-01 4,8 mm  
2 33476-02 5,8 mm  
3 33476-03 6,8 mm

3

biegsam  
malleable  
maleable  
malleabile

HALLE

21 cm, 8 1/4"

33476-01 - 33476-02



Fig.  
000 33476-98 2,8 mm  
00 33476-99 3,3 mm  
0 33477-00 3,7 mm  
1 33477-01 4,3 mm  
2 33477-02 4,8 mm  
3 33477-03 5,6 mm  
4 33477-04 6,1 mm  
5 33477-05 6,7 mm  
6 33477-06 8,8 mm

SPINAL

20 cm, 8"

33476-98 - 33477-06

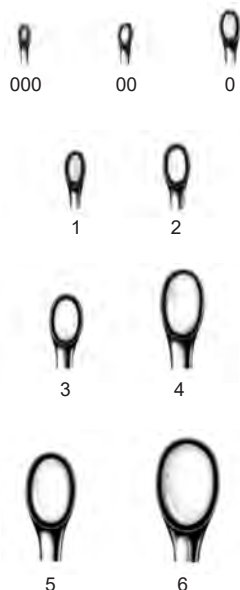


Fig.  
000 33478-98 2,8 mm  
00 33478-99 3,3 mm  
0 33479-00 3,7 mm  
1 33479-01 4,3 mm  
2 33479-02 4,8 mm  
3 33479-03 5,6 mm  
4 33479-04 6,1 mm  
5 33479-05 6,7 mm  
6 33479-06 8,8 mm

SPINAL

20 cm, 8"

33478-98 - 33479-06



33482-01 4,7 mm



33482-02 4,7 mm



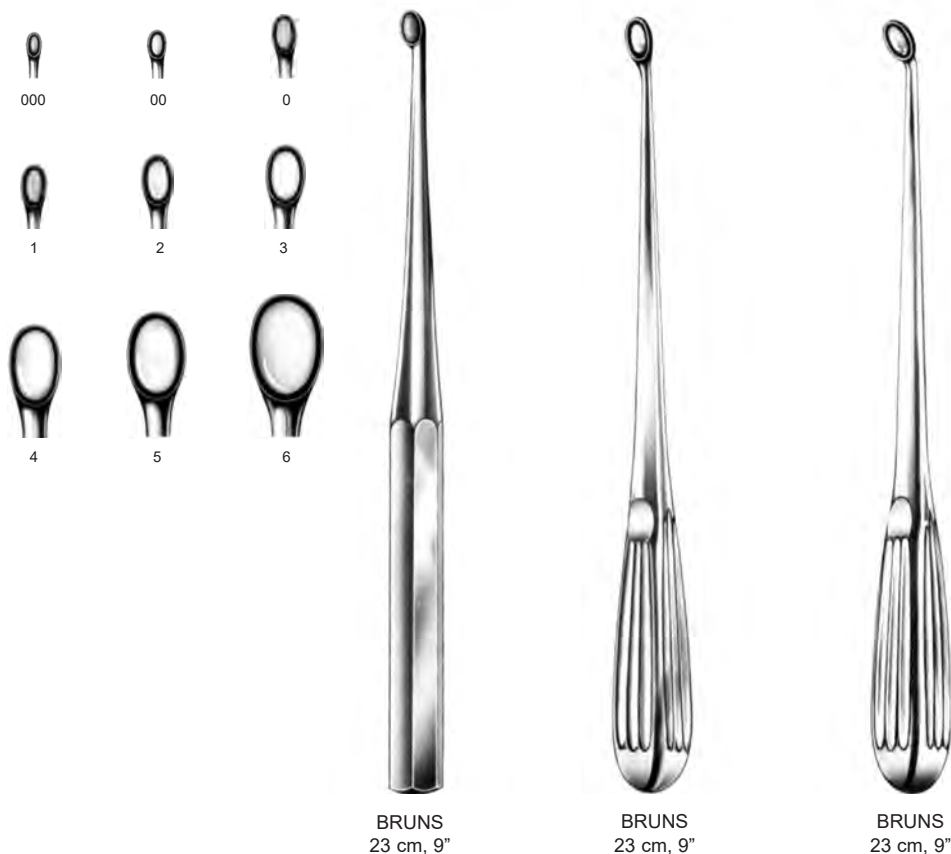
33482-03 4,7 mm

SCOVILLE

25 cm, 10"

33482-01 - 33482-03

Scharfe Löffel  
Bone Currettes  
Cucharillas cortantes  
Curette taglienti



|      |          |        |          |        |          |        |
|------|----------|--------|----------|--------|----------|--------|
| Fig. |          |        |          |        |          |        |
| 000  | 33480-97 | 2,0 mm | 33482-97 | 2,8 mm | 33484-97 | 2,8 mm |
| 00   | 33480-98 | 2,5 mm | 33482-98 | 3,3 mm | 33484-98 | 3,3 mm |
| 0    | 33481-00 | 3,3 mm | 33483-00 | 3,7 mm | 33485-00 | 3,7 mm |
| 1    | 33481-01 | 3,8 mm | 33483-01 | 4,3 mm | 33485-01 | 4,3 mm |
| 2    | 33481-02 | 4,8 mm | 33483-02 | 4,8 mm | 33485-02 | 4,8 mm |
| 3    | 33481-03 | 5,3 mm | 33483-03 | 5,6 mm | 33485-03 | 5,6 mm |
| 4    | 33481-04 | 6,0 mm | 33483-04 | 6,1 mm | 33485-04 | 6,1 mm |
| 5    | 33481-05 | 6,7 mm | 33483-05 | 6,7 mm | 33485-05 | 6,7 mm |
| 6    | 33481-06 | 7,3 mm | 33483-06 | 8,8 mm | 33485-06 | 8,8 mm |

Scharfe Löffel  
Bone Currettes  
Cucharillas cortantes  
Curette taglianti



33485-21 21 cm, 8 1/4"  
oval/rund  
ovale/ronde  
ovalado/redondo  
ovale/rotonda



WILLIGER  
17,5 cm, 7"

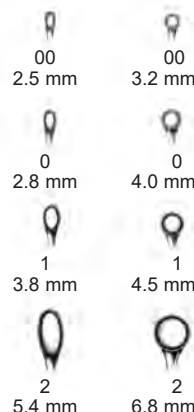


Fig. 00 33485-99 33486-99  
0 33486-00 33487-00  
1 33486-01 33487-01  
2 33486-02 33487-02



DAUBENSPECK Fig. 00 33487-99  
20 cm, 8" 0 33488-00  
1 33488-01  
2 33488-02



27 cm, 10 1/2" Fig. 0 33489-00  
1 33489-01  
2 33489-02  
3 33489-03

Scharfe Löffel  
Bone Curettes  
Cucharillas cortantes  
Curette taglienti



LEMPERT  
17,5 cm, 7"



0



00



000



0000



00000

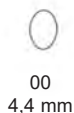
|        |          |        |
|--------|----------|--------|
| Fig. 0 | 33490-10 | 3,3 mm |
| 00     | 33490-20 | 3,0 mm |
| 000    | 33490-30 | 2,7 mm |
| 0000   | 33490-40 | 2,4 mm |
| 00000  | 33490-50 | 2,0 mm |



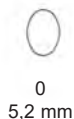
REDA  
25 cm, 10"



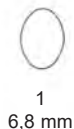
000  
3,6 mm



00  
4,4 mm



0  
5,2 mm



1  
6,8 mm

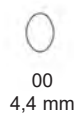
|          |          |
|----------|----------|
| Fig. 000 | 33491-05 |
| 00       | 33491-06 |
| 0        | 33491-07 |
| 1        | 33491-08 |



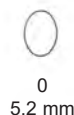
REDA  
25 cm, 10"



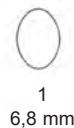
000  
3,6 mm



00  
4,4 mm



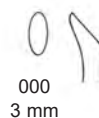
0  
5,2 mm



1  
6,8 mm

|          |          |
|----------|----------|
| Fig. 000 | 33500-01 |
| 00       | 33500-02 |
| 0        | 33500-03 |

|          |          |
|----------|----------|
| Fig. 000 | 33491-01 |
| 00       | 33491-02 |
| 0        | 33491-03 |
| 1        | 33491-04 |



000  
3 mm



00  
4 mm

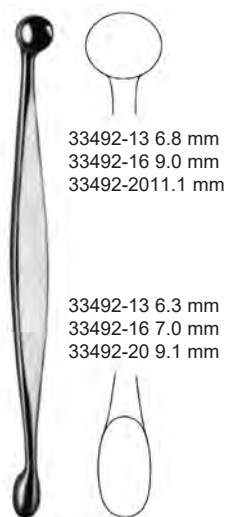


0  
5 mm



BUSHE  
25 cm, 10"

Scharfe Löffel  
Bone Curettes  
Cucharillas cortantes  
Curette taglienti



33492-13 6.8 mm  
33492-16 9.0 mm  
33492-20 11.1 mm

33492-13 6.3 mm  
33492-16 7.0 mm  
33492-20 9.1 mm

**VOLKMANN**

33492-13 13 cm, 5 1/8"  
33492-16 16 cm, 6 1/4"  
33492-20 20 cm, 8"



33494-13 7.5 mm  
33494-14 6.8 mm  
33494-17 6.8 mm

33494-13 6.3 mm  
33494-14 6.2 mm  
33494-17 7.3 mm

**VOLKMANN**

33494-13 13 cm, 5 1/8"  
33494-14 14 cm, 5 1/2"  
33494-17 17 cm, 6 3/4"

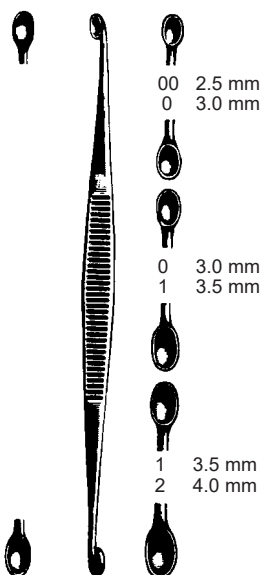


5.2 mm

3.5 mm

**JANSE**

33495-16  
16 cm, 6 1/4"



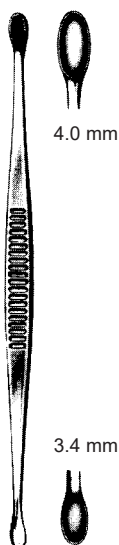
00 2.5 mm  
0 3.0 mm

0 3.0 mm  
1 3.5 mm

1 3.5 mm  
2 4.0 mm

**WILLIGER**

13,5 cm, 5 1/4" Fig.  
33496-00 00/0  
33496-01 0/1  
33496-12 1/2

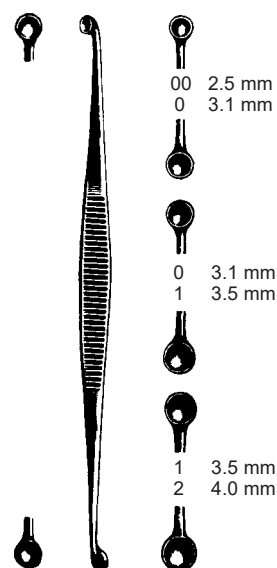


4.0 mm

3.4 mm

**JACOBSON**

13 cm, 5 1/8"  
33497-00



00 2.5 mm  
0 3.1 mm

0 3.1 mm  
1 3.5 mm

1 3.5 mm  
2 4.0 mm

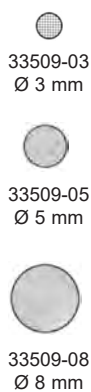
**MARTINI**

13,5 cm, 5 1/4"  
33498-00  
33498-01  
33498-12

Stößel  
Hemostats  
Hemostáticos  
Pistoni



CASPAR  
20 cm, 8"



20 cm, 8"



doppelt zylindrisch  
double cylindrical  
doble cilíndrica  
doppio cilindrico



Ø 8 x 15 mm 33520-08 16 cm, 6 1/4"  
Ø 6 x 8 mm 33520-06 21 cm, 8 3/4"  
Ø 10 x 10 mm 33520-10 21 cm, 8 3/4"

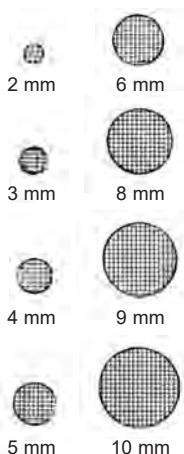


Stößel, Flachmeißel, Hohlmeißel, Osteotome  
Hemostats, Chisels, Gouges, Osteotome  
Hemostáticos, Cinceles, Gubias, Osteótomo  
Pistoni, scalpelli, sgorbie, Osteotomia

zylindrisch  
cylindrical  
cilindrico  
cilindrico



16 cm, 6 1/4"



|       |          |
|-------|----------|
| 2 mm  | 33600-02 |
| 3 mm  | 33600-03 |
| 4 mm  | 33600-04 |
| 5 mm  | 33600-05 |
| 6 mm  | 33600-06 |
| 8 mm  | 33600-08 |
| 9 mm  | 33600-09 |
| 10 mm | 33600-10 |



13,5 cm, 5 1/4"

|       |          |
|-------|----------|
| 4 mm  | 33602-04 |
| 6 mm  | 33602-06 |
| 8 mm  | 33602-08 |
| 10 mm | 33602-10 |
| 12 mm | 33602-12 |
| 14 mm | 33602-14 |
| 16 mm | 33602-16 |



13,5 cm, 5 1/4"

|          |
|----------|
| 33604-04 |
| 33604-06 |
| 33604-08 |
| 33604-10 |
| 33604-12 |
| 33604-14 |
| 33604-16 |



13,5 cm, 5 1/4"

|          |
|----------|
| 33605-04 |
| 33605-06 |
| 33605-08 |
| 33605-10 |
| 33605-12 |
| 33605-14 |
| 33605-16 |



ALEXANDER  
17 cm, 6 3/4"

|          |       |
|----------|-------|
| 33610-04 | 4 mm  |
| 33610-06 | 6 mm  |
| 33610-08 | 8 mm  |
| 33610-10 | 10 mm |
| 33610-12 | 12 mm |
| 33610-14 | 14 mm |



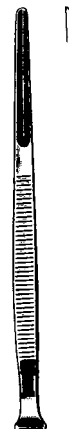
ALEXANDER  
17 cm, 6 3/4"

|          |       |
|----------|-------|
| 33611-04 | 4 mm  |
| 33611-06 | 6 mm  |
| 33611-08 | 8 mm  |
| 33611-10 | 10 mm |
| 33611-12 | 12 mm |
| 33611-14 | 14 mm |



PARTSCH  
13,5 cm, 5 1/4" mm 17 cm, 6 3/4"

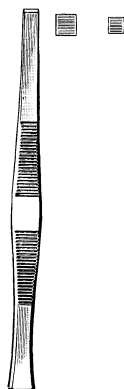
|          |   |          |
|----------|---|----------|
| 33620-02 | 2 | 33622-02 |
| 33620-03 | 3 | 33622-03 |
| 33620-04 | 4 | 33622-04 |
| 33620-05 | 5 | 33622-05 |
| 33620-06 | 6 | 33622-06 |
| 33620-07 | 7 | 33622-07 |
| 33620-08 | 8 | 33622-08 |



PARTSCH  
13,5 cm, 5 1/4" mm 17 cm, 6 3/4"

|          |   |          |
|----------|---|----------|
| 33623-02 | 2 | 33625-02 |
| 33623-03 | 3 | 33625-03 |
| 33623-04 | 4 | 33625-04 |
| 33623-05 | 5 | 33625-05 |
| 33623-06 | 6 | 33625-06 |
| 33623-07 | 7 | 33625-07 |
| 33623-08 | 8 | 33625-08 |

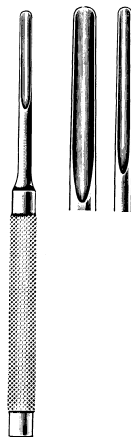
Flachmeißel, Hohlmeißel, Osteotome  
 Chisels, Gouges, Osteotome  
 Cinceles, Gubias, Osteótomo  
 Scalpelli, sgorbie, Osteotomia



PASSOW  
 12 cm, 4 3/4"  
 33626-35 3,5 mm  
 33626-25 2,5 mm



BRÜNINGS-LUCAS  
 16 cm, 6 1/4"  
 33627-04 4 mm  
 33627-06 6 mm



BRÜNINGS-LUCAS  
 16 cm, 6 1/4"  
 33628-03 3 mm  
 33628-05 5 mm



STILLE  
 20 cm, 8"  
 6 mm 33630-06  
 8 mm 33630-08  
 10 mm 33630-10  
 12 mm 33630-12  
 15 mm 33630-15  
 20 mm 33630-20  
 25 mm 33630-25  
 30 mm 33630-30



STILLE  
 20 cm, 8"

33631-10  
 33631-12  
 33631-15  
 33631-20  
 33631-25  
 33631-30



STILLE  
 20 cm, 8"

6 mm 33632-06  
 8 mm 33632-08  
 10 mm 33632-10  
 12 mm 33632-12  
 15 mm 33632-15  
 20 mm 33632-20  
 25 mm 33632-25  
 30 mm 33632-30



STILLE  
 20 cm, 8"

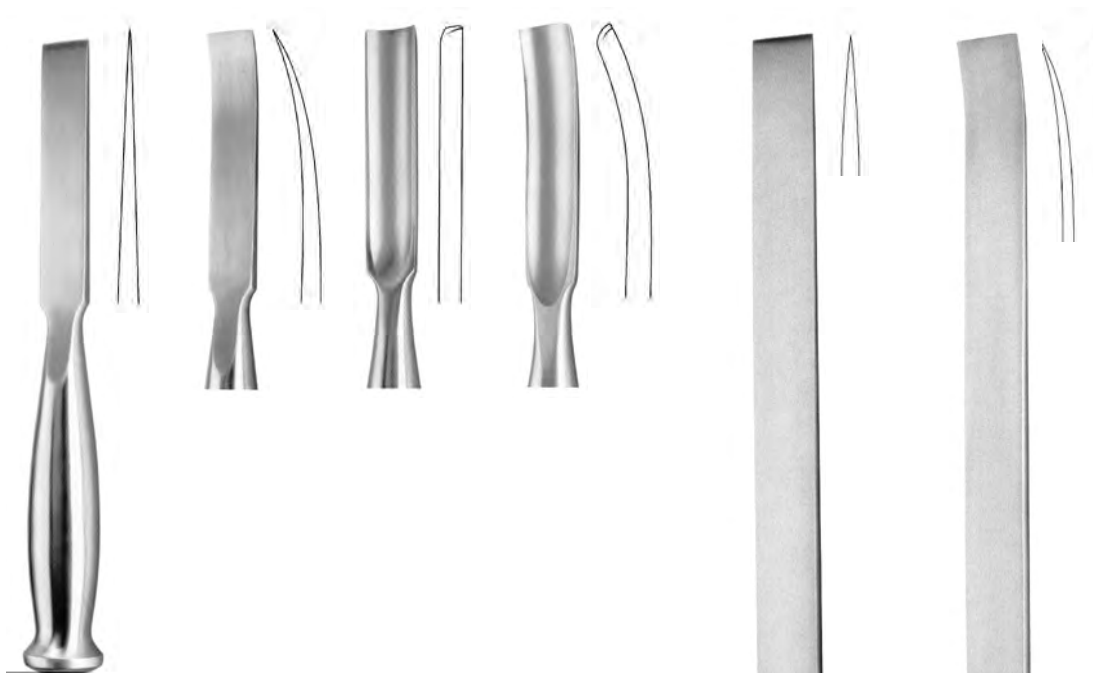
33633-06  
 33633-08  
 33633-10  
 33633-12  
 33633-15  
 33633-20  
 33633-25  
 33633-30



STILLE  
 20 cm, 8"

33634-06  
 33634-08  
 33634-10  
 33634-12  
 33634-15  
 33634-20  
 33634-25  
 33634-30

Osteotome, Hohlmeißel  
Osteotome, Gouges  
Osteótomo, Gubias  
Osteotomia, sgorbie



SMITH-PETERSEN  
20 cm, 8"

|       |          |          |          |          |
|-------|----------|----------|----------|----------|
| 6 mm  | 33644-06 | 33645-06 | 33647-06 |          |
| 9 mm  | 33644-09 | 33645-09 | 33647-09 | 33649-09 |
| 13 mm | 33644-13 | 33645-13 |          |          |
| 14 mm |          |          | 33647-14 | 33649-14 |
| 16 mm | 33644-16 | 33645-16 | 33647-16 | 33649-16 |
| 19 mm | 33644-19 | 33645-19 | 33647-19 | 33649-19 |
| 25 mm | 33644-25 | 33645-25 | 33647-25 | 33649-25 |
| 32 mm | 33644-32 | 33645-32 | 33647-32 | 33649-32 |

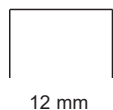
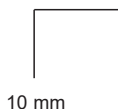
LAMBOTTE  
24 cm, 9 1/2"      24 cm, 9 1/2"

|          |       |          |
|----------|-------|----------|
| 33650-04 | 4 mm  | 33651-04 |
| 33650-06 | 6 mm  | 33651-06 |
| 33650-08 | 8 mm  | 33651-08 |
| 33650-10 | 10 mm | 33651-10 |
| 33650-13 | 13 mm | 33651-13 |
| 33650-16 | 16 mm | 33651-16 |
| 33650-18 | 18 mm | 33651-18 |
| 33650-20 | 20 mm | 33651-20 |
| 33650-25 | 25 mm | 33651-25 |
| 33650-30 | 30 mm | 33651-30 |
| 33650-38 | 38 mm | 33651-38 |
| 33650-44 | 44 mm | 33651-44 |
| 33650-50 | 50 mm | 33651-50 |

Osteotome, Hohlmeißel  
 Osteotome, Chisels, Gouges  
 Osteótomo, Cinceles, Gubias  
 Osteotomia, Scalpelli, sgorbie



MINI-LAMBOTTE



| 12,5 cm, 5" | mm | 17 cm, 6 ¾" |
|-------------|----|-------------|
| 33654-02    | 2  | 33652-02    |
| 33654-03    | 3  | 33652-03    |
| 33654-04    | 4  | 33652-04    |
| 33654-06    | 6  | 33652-06    |
| 33654-08    | 8  | 33652-08    |
| 33654-10    | 10 | 33652-10    |
| 33654-12    | 12 | 33652-12    |
| 33654-15    | 15 | 33652-15    |

8 mm



COBB  
 28 cm, 11"  
 33656-28

8 mm



COBB  
 28 cm, 11"  
 33657-28

8 mm



COBB  
 28 cm, 11"  
 33658-28

8 mm



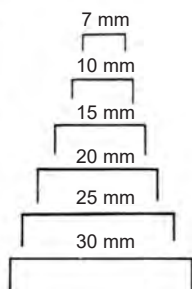
COBB  
 28 cm, 11"  
 33659-28

mit Ferrozellgriff  
 with Ferrozell-Handle  
 con mango de Ferrozell  
 con manico di Ferrozell

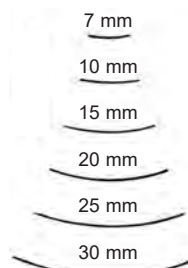
Osteotome und Hohlmeißel mit Ferrozell-Griff  
Osteotome and Gouges with Ferrozell-Handle  
Osteótomo, Gubias con mango de Ferrozell  
Osteotomo, con manico di Ferrozell



LEXER  
22 cm, 8 3/4"



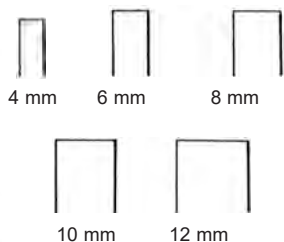
|          |       |          |
|----------|-------|----------|
| 33660-07 | 7 mm  | 33661-07 |
| 33660-10 | 10 mm | 33661-10 |
| 33660-15 | 15 mm | 33661-15 |
| 33660-20 | 20 mm | 33661-20 |
| 33660-25 | 25 mm | 33661-25 |
| 33660-30 | 30 mm | 33661-30 |



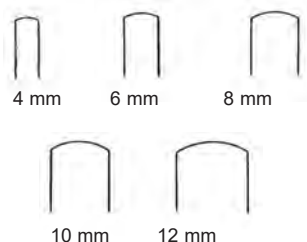
LEXER  
22 cm, 8 3/4"



LEXER MINI  
18 cm, 7"



|          |       |          |
|----------|-------|----------|
| 33664-04 | 4 mm  | 33665-04 |
| 33664-06 | 6 mm  | 33665-06 |
| 33664-08 | 8 mm  | 33665-08 |
| 33664-10 | 10 mm | 33665-10 |
| 33664-12 | 12 mm | 33665-12 |



LEXER MINI  
18 cm, 7"

Flachmeißel, Hohlmeißel  
Chisels, Gouges  
Cinceles, Gubias  
Scalpelli, sgorbie

mit Ferrozellgriff  
with Ferrozell-Handle  
con mango de Ferrozell  
con manico di Ferrozell



33665-24  
24,5 cm, 9 3/4"



33665-26  
26,5 cm, 10 1/2"



ZIELKE 23 cm, 9"  
33665-55 5,5 mm  
33665-90 9,0 mm



22 cm, 8 3/4"  
33666-22



|          |            |          |
|----------|------------|----------|
| —        | 25 cm, 10" | —        |
| 33669-05 | 5 mm       | 33670-05 |
| 33669-10 | 10 mm      | 33670-10 |
| 33669-15 | 15 mm      | 33670-15 |

Osteotome, Flachmeißel, Hohlmeißel  
Osteotome, Chisels, Gouges  
Osteótomo, Cinceles, Gubias  
Osteotomia, Scalpelli, Sgorbie



HOKE

14 cm, 5 1/2"

|          |       |
|----------|-------|
| 33668-03 | 3 mm  |
| 33668-05 | 5 mm  |
| 33668-06 | 6 mm  |
| 33668-08 | 8 mm  |
| 33668-09 | 9 mm  |
| 33668-13 | 13 mm |
| 33668-16 | 16 mm |
| 33668-19 | 19 mm |



HIBBS

24 cm, 9 1/2"

|          |       |
|----------|-------|
| 33670-06 | 6 mm  |
| 33670-09 | 9 mm  |
| 33670-13 | 13 mm |
| 33670-16 | 16 mm |
| 33670-19 | 19 mm |
| 33670-25 | 25 mm |
| 33670-32 | 32 mm |



HIBBS

24 cm, 9 1/2"

|          |       |
|----------|-------|
| 33671-06 | 6 mm  |
| 33671-09 | 9 mm  |
| 33671-13 | 13 mm |
| 33671-16 | 16 mm |
| 33671-19 | 19 mm |
| 33671-25 | 25 mm |
| 33671-32 | 32 mm |



HIBBS

24 cm, 9 1/2"

|          |       |
|----------|-------|
| 33672-06 | 6 mm  |
| 33672-09 | 9 mm  |
| 33672-13 | 13 mm |
| 33672-16 | 16 mm |
| 33672-19 | 19 mm |
| 33672-25 | 25 mm |
| 33672-32 | 32 mm |



HIBBS

24 cm, 9 1/2"

|          |       |
|----------|-------|
| 33673-06 | 6 mm  |
| 33673-09 | 9 mm  |
| 33673-13 | 13 mm |
| 33673-16 | 16 mm |
| 33673-19 | 19 mm |
| 33673-25 | 25 mm |
| 33673-32 | 32 mm |

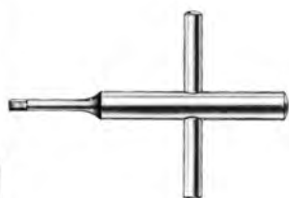


HIBBS

24 cm, 9 1/2"

|          |       |
|----------|-------|
| 33675-06 | 6 mm  |
| 33675-09 | 9 mm  |
| 33675-13 | 13 mm |
| 33675-16 | 16 mm |
| 33675-19 | 19 mm |
| 33675-25 | 25 mm |
| 33675-32 | 32 mm |

Meißel  
Chisels  
Cinceles  
Scalpelli



33676-02  
9 cm, 3 1/2"  
Spannschlüssel  
Key  
Llave  
Clé  
Chiave



5 mm  
33676-05  
8,5 mm, 3.4"



10 mm  
33676-10  
8,5 mm, 3.4"



16 mm  
33676-16  
8,5 mm, 3.4"



25 mm  
33676-25  
8,5 mm, 3.4"

Meißelklingen  
auswechselbar  
Chisel blades  
interchangeable  
Hojas de cincel  
intercambiables  
Lame intercambiabili

33676-01  
18,5 cm, 7 1/4"  
Griff allein  
Handle only  
Mango suelto  
Manico solo



5 mm  
33677-05  
8,5 mm, 3.4"



10 mm  
33677-10  
8,5 mm, 3.4"



16 mm  
33677-16  
8,5 mm, 3.4"



25 mm  
33677-25  
8,5 mm, 3.4"

Osteotomklingen  
auswechselbar  
Osteotome blades  
interchangeable  
Hojas de osteótomo  
intercambiables  
Lame per osteotomia  
intercambiabili



Sternummeißel, Osteotom, Schädelspalter, Rachiotom, Muskelhaken  
 Sternum Chisel, Osteotome, Skull breaker, Rachiotome, Muscle hooks  
 Cinceles de esternón, Osteotomo, Cíncel rompe-cráneo, Raquíótomos, Ganchos musculare  
 Scalpello per sterno, Osteotomo, Divisore per cranio, Rachiotomi, Uncino per muscoli



LEBSCHE  
 33678-24  
 24,5 cm, 9 3/4"

23 mm



33679-13  
 13 cm, 5 1/8"



33680-22  
 14 cm, 5 1/2"



33682-22  
 22 cm, 8 3/4"

Tubulus



19901-00



19902-10  
 10 cm, 4"

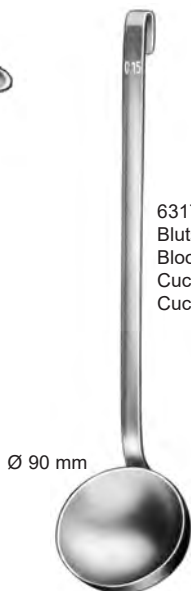


19903-00

Medizinlöffel, Meißel, Sektionsnadeln  
 Medicine Spoon, Chisels, Post mortem needles  
 Cuchara graduada, Cinceles, Aguja para autopsia  
 Cucchiaino per medicinali, Scalpelli, Aghi per autopsia



89146-20 20 cc  
 110 x 20 mm



63174-00  
 Blutschöpfer, 150 ccm  
 Blood scoop, 9 cu. inches  
 Cucharra p / sangre  
 Cucchiaino per sangue

Ø 90 mm



BRUNETTI  
 28,5 cm, 11 1/4"  
 33682-01 33682-02  
 links rechts  
 left right  
 izquierdo derecho  
 sinistra destra

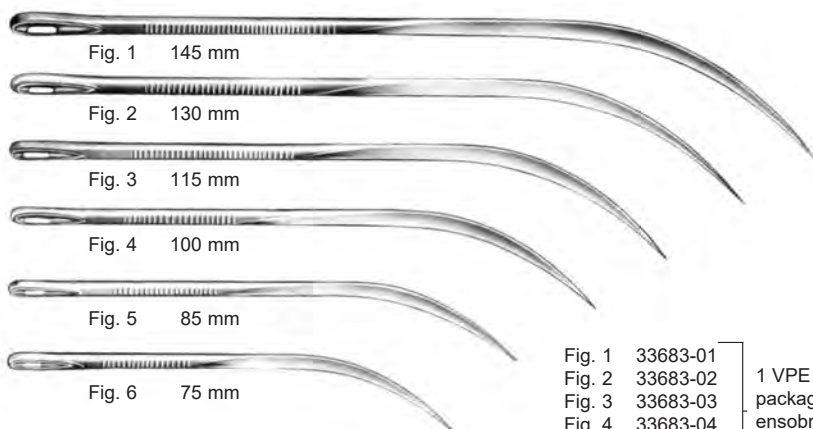


Fig. 1 145 mm

Fig. 2 130 mm

Fig. 3 115 mm

Fig. 4 100 mm

Fig. 5 85 mm

Fig. 6 75 mm

Fig. 1 33683-01  
 Fig. 2 33683-02  
 Fig. 3 33683-03  
 Fig. 4 33683-04  
 Fig. 5 33683-05  
 Fig. 6 33683-06

1 VPE = 12 Stk.  
 package of 12  
 ensobres de 12  
 confezione di 12

Obduktionsbesteck  
Post Mortem Set  
Estuches para Autopsia  
Astucci per Autopsia



33684-00

Kleines Besteck, Holzetui, enthaltend:

- 4 Skalpelle
- 1 Knorpelmesser
- 1 Inzisionsschere, 13 cm (5 1/8")
- 1 Anatomische Pinzette, 13 cm (5 1/8")
- 1 Amputationssäge Charrière
- 1 Hammer
- 1 Meißel
- 2 doppelte Muskelhaken
- 2 doppelte Tubuli
- 2 Knopfsonden, 13 cm (5 1/8")
- 3 Wundnadeln

Small set, wooden case, containing:

- 4 Dissecting Knives
- 1 Cartilage Knife
- 1 Incision Scissors, 13 cm (5 1/8")
- 1 Dissecting Forceps, 13 cm (5 1/8")
- 1 Amputation Saw Charrière
- 1 Mallet
- 1 Chisel
- 2 Retractors, double ended
- 2 Blow pipes, double
- 2 Probes, 13 cm (5 1/8")
- 3 Suture Needles

Modelo pequeño, estuche de madera, conteniendo:

- 4 Escalpelos
- 1 Cuchillo para cartilago
- 1 Tijera de incision, 13 cm (5 1/8")
- 1 Pinza para disección, 13 cm (5 1/8")
- 1 Sierra de amputación Charrière
- 1 Martillo
- 1 Escoplo
- 2 Separadores de 2 garfios, dobles
- 2 Tubos insufladores, dobles
- 2 Estiletes olivares, 13 cm (5 1/8")
- 3 Agujas para sutura

Modelo piccolo, astuccio di legno, composto da:

- 4 Bisturi
- 1 Coltello per cartilagine
- 1 Forbice per incisione, 13 cm (5 1/8")
- 1 Pinza anatomica, 13 cm (5 1/8")
- 1 Sega per amputazione, Charrière
- 1 Martello
- 1 Scalpello
- 2 Divaricatori con 2 ganci, doppi
- 2 Tubi inalatori, doppi
- 2 Specilli bottonuti, doppi, 13 cm (5 1/8")
- 3 Aghi per sutura

Hämmer  
Mallets  
Martillos  
Martelli

Ø 25 mm

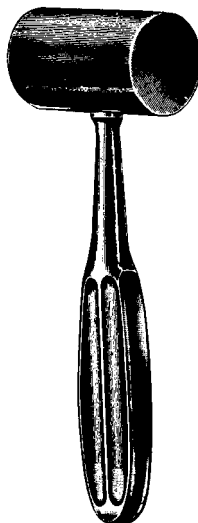


GERZOG

18 cm, 7"

33686-25 250 g

Ø 38 mm

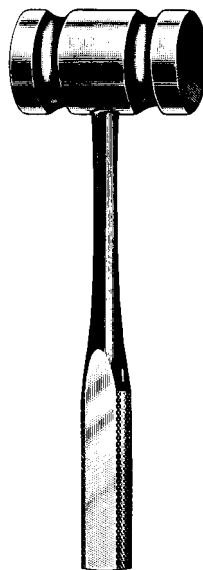


KIRK

19 cm, 7 1/2"

33687-75 750 g

Ø 34 mm

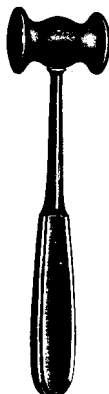


26,5 cm, 10 1/2"

33688-45 450 g

33689-90 900 g

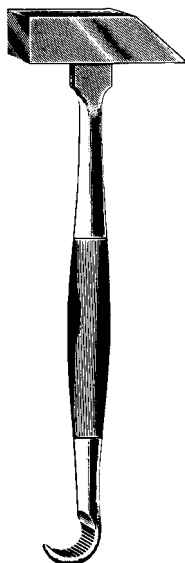
Ø 30 mm



COLLIN

20 cm, 8"

33690-22 220 g



33699-00

23,5 cm, 9 1/4"

480 g

Ø 25 mm



135 g

33694-01 18,5 cm, 7 1/4"

33694-03 Ersatzbacken  
Nylon Caps  
Tapas de repuesto  
Placche di ricambio

## Hämmer Mallets Martillos Martelli

Ø 26 mm

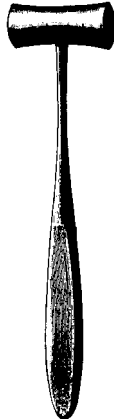


WILLIGER

24 cm, 9 1/2"

33691-34 340 g

Ø 25 mm



LUCAE

19 cm, 7 1/2"

33692-26 260 g

massiv, mit auswechselbaren Ferrozellbacken  
solid, with interchangeable Ferrozell jaws  
macizo, con tapas intercambiables de Ferrozell  
solido, con placche intercambiabili in Ferrozell

Ø 20 mm



MEAD

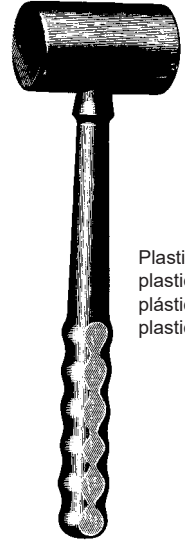
17 cm, 6 3/4"

33693-32 320 g

33693-33  
Paar Ersatzbacken  
Pair spare jaws  
par de tapas de repuesto  
Coppia di placche di ricambio

33693-34  
Satz Ringe  
Set rings  
juego de anillos  
Set anelli

Ø 42 mm



Plastik  
plastic  
plástico  
plastica

26 cm, 10 1/4"

33695-40 400 g

Ø 12 mm

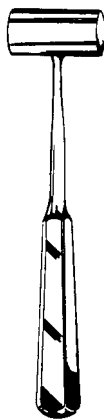


QUISLING

33696-75

19 cm, 7 1/2"

Ø 22 mm



PARTSCH

33698-98

18 cm, 7"  
199 g

Ø 40 mm

Ø 30 mm



33699-17

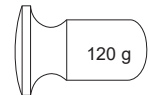
26,5 cm, 10 1/2"

530 g



DOYEN

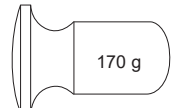
21 cm, 8 1/4"



120 g

33697-01

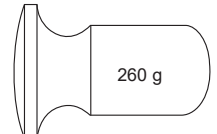
Ø 25 mm



170 g

33697-02

Ø 30 mm



260 g

33697-03

Ø 35 mm

Hämmer  
Mallets  
Martillos  
Martelli

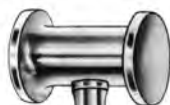
Ø 30 mm



33700-01-01  
Ersatzbacken  
Nylon Caps  
Tapas de repuesto  
Placche di ricambio

24,5 cm, 9 3/4" 215 g  
33700-01

Ø 45 mm



BERGMANN  
24 cm, 9 1/2" 300 g  
33700-03

Ø 10 mm



Ø 23 mm

Kopf aus Implantatwerkstoff  
Head made of material used for implants  
Cabeza de material de implantación  
Testa in materiale per impianti

23 cm, 9" 350 g  
33700-02

Ø 30 mm



BERGMANN  
23 cm, 9" 300 g  
33700-04

Hämmer  
Bone Hammers and Mallets  
Martillos y mazos  
Martelli

Ø 30 mm



COTTLE  
18 cm, 7" 240 g  
33700-05

Ø 40 mm



HEATH  
18 cm, 7" 700 g  
33700-06

Ø 40 mm



OMBREDANNE  
25 cm, 10" 700 g  
33700-07

Ø 27 mm



HAJEK  
21 cm, 8 1/4" 140 g  
33700-08

Raspatorien  
Periosteal  
Periostótomos  
Periostotomi

12,5 mm



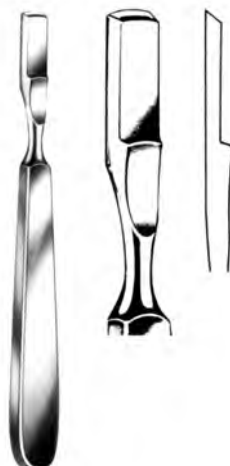
FARABEUF  
33702-15  
15 cm, 5.9"

12,5 mm



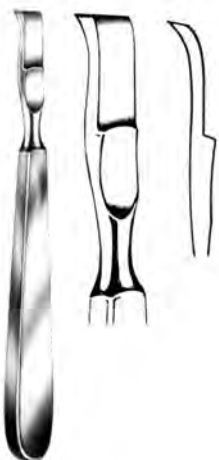
FARABEUF  
33703-15  
15 cm, 5.9"

11 mm



FARABEUF-COLLIN  
33704-01  
15,5 cm, 6"

11 mm



FARABEUF-COLLIN  
33704-02  
15,5 cm, 6"



LAMBOTTE  
21 cm, 8 1/4"  
33705-05 5 mm  
33705-10 10 mm  
33705-15 15 mm  
33705-20 20 mm  
33705-25 25 mm

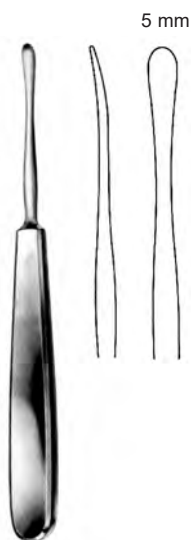
18 mm



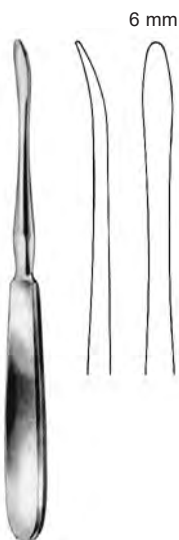
SEDILLOT  
18 cm, 7"  
33706-18



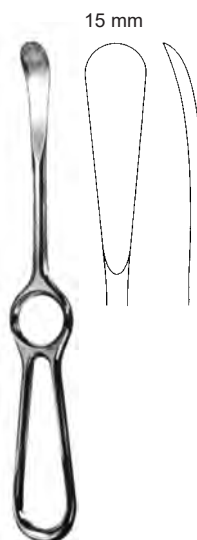
Elevatoren, Raspatorien  
Elevatoren, Periosteal  
Elevadores, Periostótomos  
Elevatori, Periostotomi



SEBILEAU  
17,5 cm, 7"  
33707-17



QUERVAIN  
19,5 cm, 7 3/4"  
33708-19



SEDILLOT  
21 cm, 8 1/4"  
33709-21



LANGENBECK  
19 cm, 7 1/2"  
33710-19



LANGENBECK  
18 cm, 7"  
33711-18



LANGENBECK  
20 cm, 8"  
33711-20 8 mm  
33711-21 10 mm

Raspatorien, Elevatoren  
 Raspatories, Elevators  
 Periostótomos, Elevadores  
 Periostotomi, Elevatori

4 mm



WILLIGER  
 33711-16  
 16 cm, 6 1/4"

6,5 mm



WILLIGER  
 33712-16  
 16 cm, 6 1/4"

5 mm



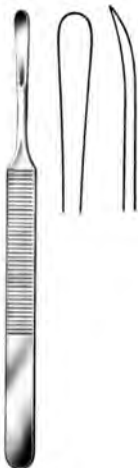
WILLIGER  
 33713-16  
 16 cm, 6 1/4"

5,5 mm



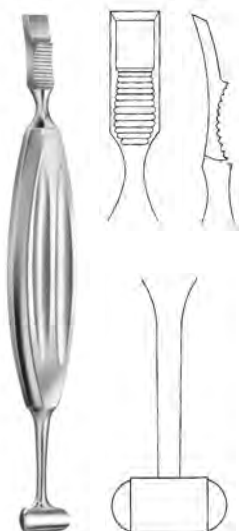
WILLIGER  
 33713-17  
 17 cm, 6 3/4"

5 mm



KÖNIG  
 33714-15  
 15,5 cm, 6"

12 mm

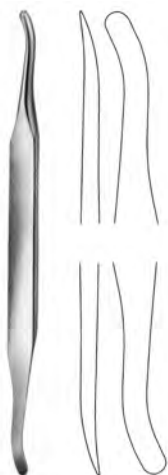


ALEXANDER  
 33715-20  
 21 cm, 8 1/4"

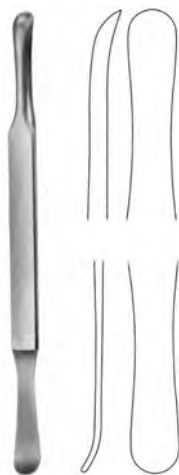


MOLT  
 33716-18  
 18 cm, 7"

Raspatorien, Elevatoren, Saugdissektor  
 Raspatories, Elevators, Suction dissector  
 Periostótomos, Elevadores, Disector con aspirador  
 Periostotomi, Elevatori, Dissettoire aspiratore



SELDIN  
 33717-19-01  
 19,5 cm 7 3/4"



SELDIN  
 33717-19-02  
 19,5 cm 7 3/4"



JOSEPH  
 33718-16  
 16 cm, 6 1/4"

4 mm



FOMON  
 33719-17  
 17 cm, 6 3/4"

9 mm

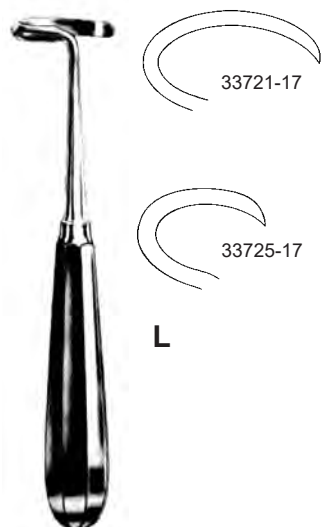


BOIES  
 33720-19  
 19 cm, 7 1/2"



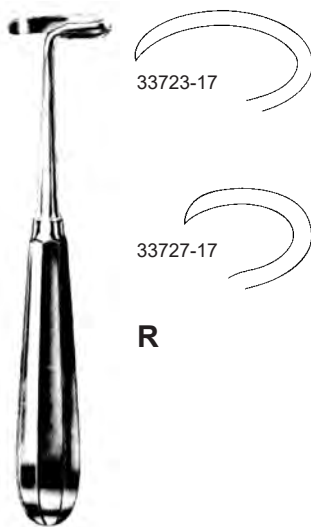
GORNEY  
 33720-21  
 21 cm, 8 1/4"

Raspatorien, Elevatoren  
 Periosteal Elevators  
 Periostótomos, Elevadores  
 Periostotomi, Elevatori



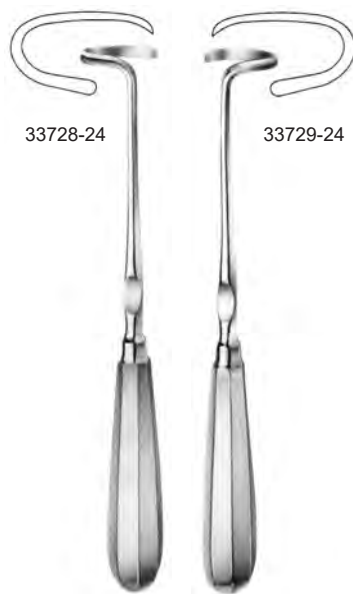
L

DOYEN  
 17 cm, 6 ¾"



R

DOYEN  
 17 cm, 6 ¾"



DOYEN  
 24 cm 9 ½"



SEMB

12 mm



33729-01  
 17,5 cm, 7"

12 mm



33729-02  
 21 cm, 8 ¼"

12 mm



33729-03  
 17,5 cm, 7"

13 mm



33729-04  
 21 cm, 8"

15 mm



33729-05  
 20,5 cm, 8"

15 mm

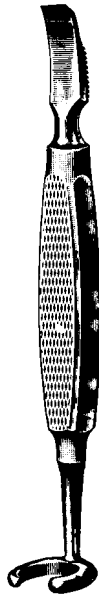


33729-06  
 20,5 cm, 8"



33729-07  
 22,5 cm, 8.9"

Elevatoren, Raspatoren  
Elevators, Raspatories  
Elevadores, Periostótomos  
Elevatori, Periostotomi



MATSON-ALEXANDER  
33731-22  
22 cm, 8 3/4"



MATSON  
33733-22  
22 cm, 8 3/4"



33740-19  
19 cm, 7 1/2"



33741-18  
18,5 cm, 7 1/4"



33742-18  
18,5 cm, 7 1/4"

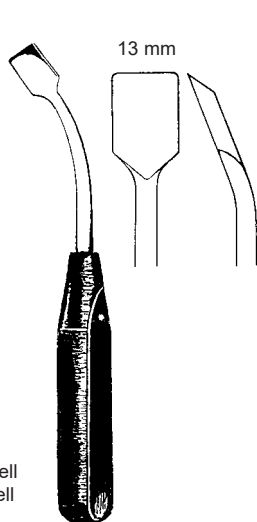


33743-18  
18,5 cm, 7 1/4"

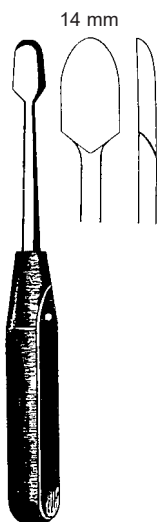
mit Ferrozellgriff  
with Ferrozell-Handle  
con mango de Ferrozell  
con manico di Ferrozell

Elevatoren, Raspatoren  
Elevators, Raspatories  
Elevadores, Periostótomos  
Elevatori, Periostotomi

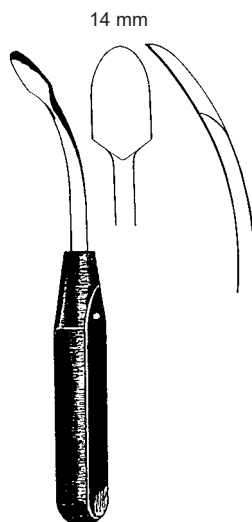
mit Ferrozellgriff  
with Ferrozell-Handle  
con mango de Ferrozell  
con manico di Ferrozell



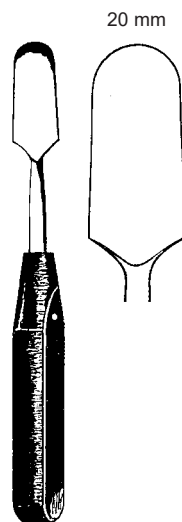
33745-19  
18,5 cm, 7 1/4"



33746-19  
19,5 cm, 7 3/4"



33747-18  
18,5 cm, 7 1/4"



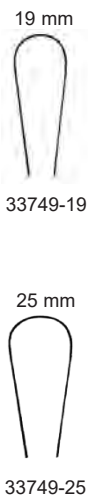
33748-20  
20 cm, 8"



33749-10



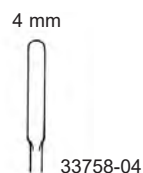
33749-13



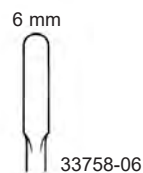
33749-19



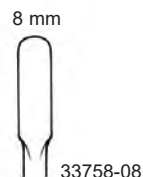
33749-25



33758-04



33758-06



33758-08

COBB  
28 cm, 11"

COBB  
27 cm, 10 1/2"

Elevatoren  
Elevators  
Elevadores  
Elevatori

scharf  
sharp  
cortante  
tagliente



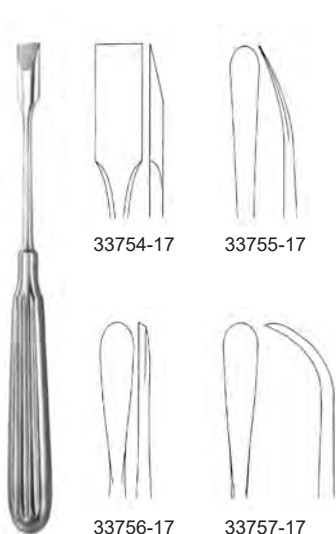
SAYRE  
17 cm, 6  $\frac{3}{4}$ "  
33758-01

stumpf  
blunt  
romo  
smusso



SAYRE  
17 cm, 6  $\frac{3}{4}$ "  
33758-02

Raspatoren, Knochenhebel, Dissektor  
 Raspatories, Bone Levers, Dissectors  
 Periostótomos para huesos, Disectores  
 Periostotomi, Elevatori per ossa, Dissettori



33754-17

33755-17

33756-17

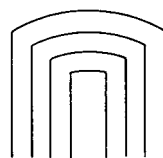
33757-17

ADSON  
 17 cm, 6  $\frac{3}{4}$ "



KEY

33759-06 - 33759-25  
 19 cm, 7  $\frac{1}{2}$ "

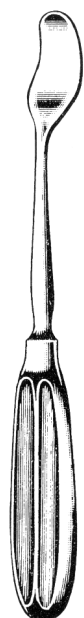


33759-06 6 mm

33759-12 12 mm

33759-19 19 mm

33759-25 25 mm



CHANDLER

33763-01 19,0 cm 7  $\frac{1}{2}$ "

33763-02 20,3 cm 8"

33763-03 22,9 cm 9"

33763-04 25,4 cm 10"

7 mm



CREGO

33760-01  
20 cm, 8"

7 mm

33760-02



14 mm

33760-03

6 mm



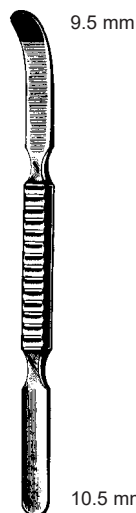
8 mm

ALDERDYCE

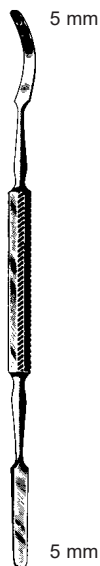
33761-21  
21 cm, 8  $\frac{1}{4}$ "



Elevatoren, Dissektor, Knochenheber  
Elevators, Dissectors, Bone Levers  
Elevadores para huesos, Disectores  
Elevatori, Dissettori, Elevatori per ossa



WATSON-CHEYNE  
33765-17  
17,5 cm, 7"



MC DONALD  
33767-19  
19 cm, 7 1/2"



MURPHY-LANE  
33769-30  
30 cm, 11 1/4"

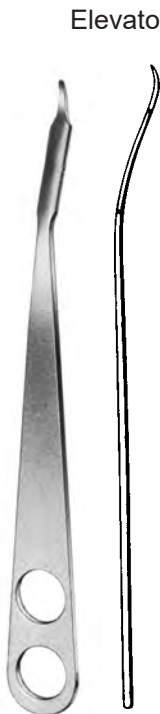


BENNETT  
33771-71  
26 cm, 10 1/4"

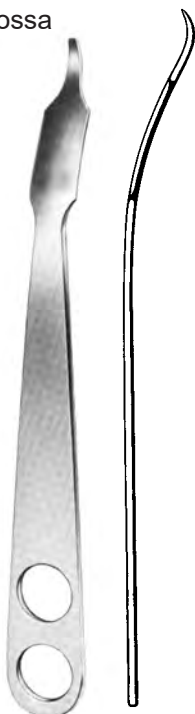


BENNETT  
33771-73  
26 cm, 10 1/4"

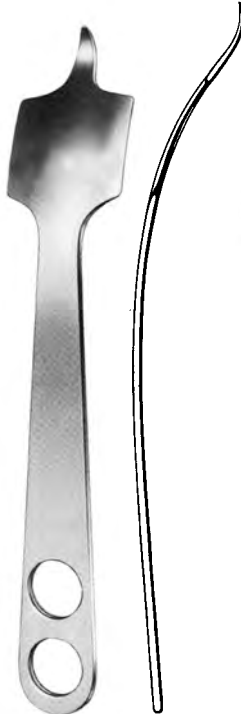
Knochenhebel  
Bone Levers  
Elevadores para huesos  
Elevatori per ossa



HOHMANN  
23,5 cm, 9 1/4"  
33801-08 8 mm  
33801-10 10 mm  
33801-12 12 mm



HOHMANN  
33801-18  
18 mm, 3/4"  
23,5 cm, 9 1/4"



HOHMANN  
33801-43  
43 mm, 1 3/4"  
26 cm, 10 1/4"



HOHMANN  
33801-70  
70 mm, 2 3/4"  
25 cm, 10"



KÖNIG  
33802-01  
15 cm, 6"



KÖNIG  
33802-02  
15 cm, 6"



33802-14  
14 cm, 5 1/2"



HAYES  
33803-05  
15 cm, 6"

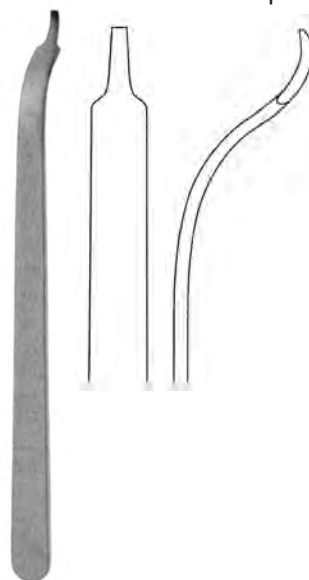


33803-07  
15 cm, 6"

Knochenheber  
Bone Levers  
Elevadores para huesos  
Elevatori per ossa



HOHMANN  
25 cm, 10"  
33803-43 43 mm



BUCK-GRAMCKO  
33804-15 7,5 mm



HOHMANN  
25 cm, 10"  
33805-22 22 mm



HOHMANN  
29 cm, 11 1/2"  
33805-33 33 mm

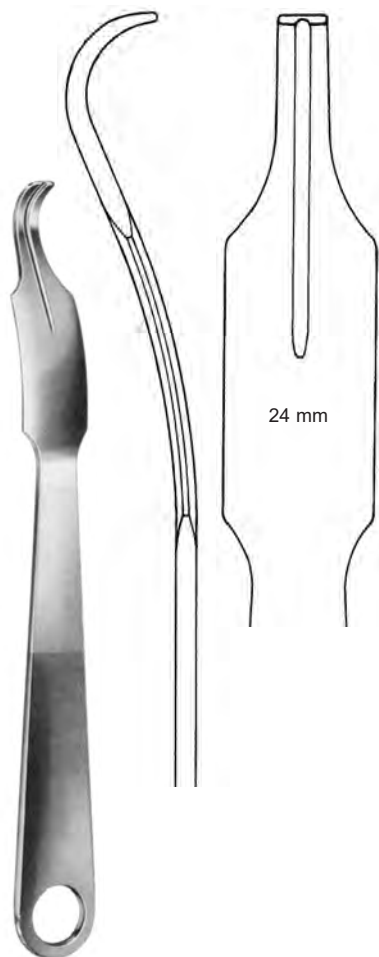


HOHMANN  
27,5 cm, 10 3/4"  
33807-24 24 mm



HOHMANN  
25 cm, 10"  
33809-22 22 mm

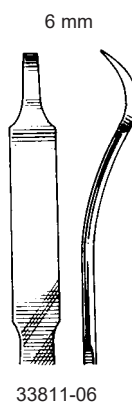
Knochenhebel  
 Bone Levers  
 Elevadores para huesos  
 Elevatori per ossa



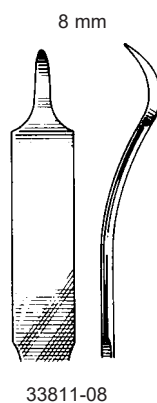
LANGE-HOHMANN  
 33810-24  
 25 cm, 10"



HOHMANN mini  
 16 cm, 6 1/4"

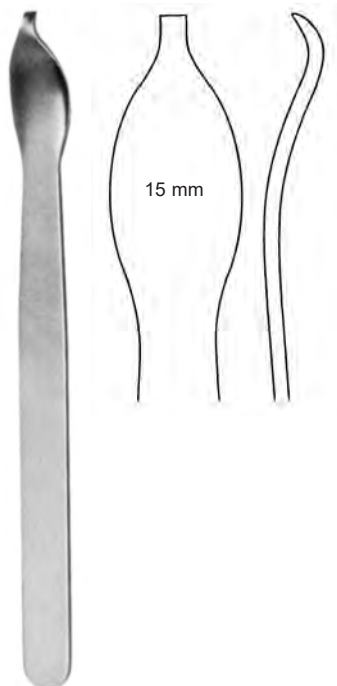


33811-06

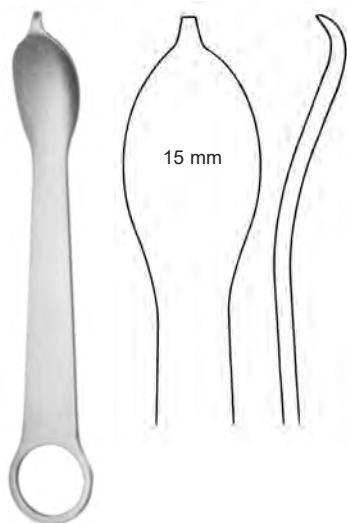


33811-08

Knochenhebel  
Bone Levers  
Elevadores para huesos  
Elevatori per ossa

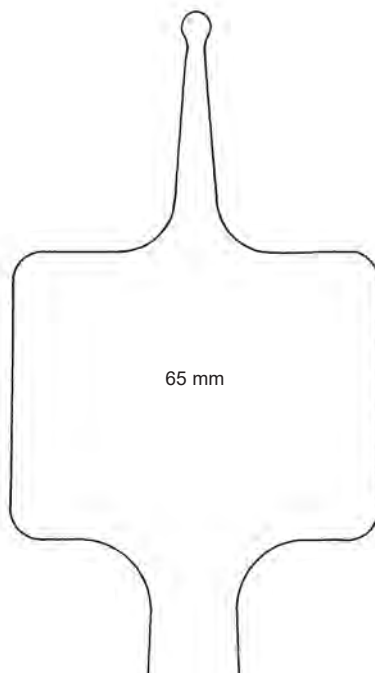
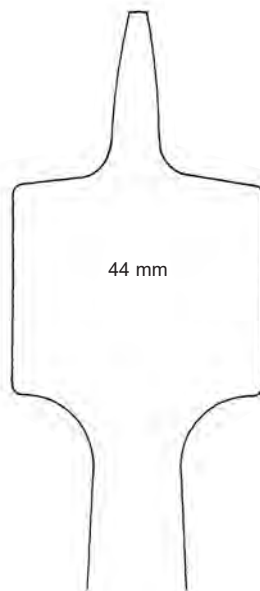
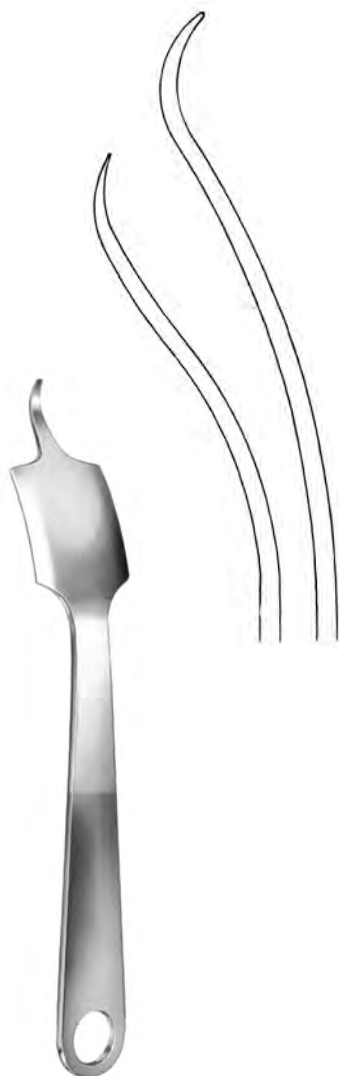


33812-16  
16 cm, 6 1/4"



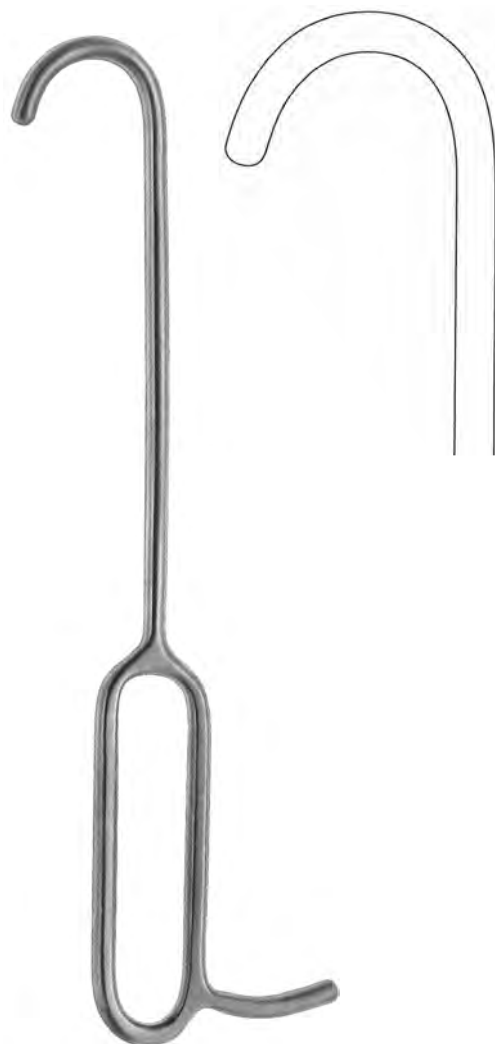
33813-12  
12 cm, 4 3/4"

Knochenhebel  
Bone Levers  
Elevadores para huesos  
Elevatori per ossa



VERBRUGGE-MÜLLER  
33814-44 24,0 cm, 9 ½"  
33814-65 25,5 cm, 10"

Knochenhebel  
Bone Levers  
Elevadores para huesos  
Elevatori per ossa



LAMBOTTE  
33820-27  
27 cm, 10 3/4"

Knochenhebel  
Bone Levers  
Elevadores para huesos  
Elevatori per ossa



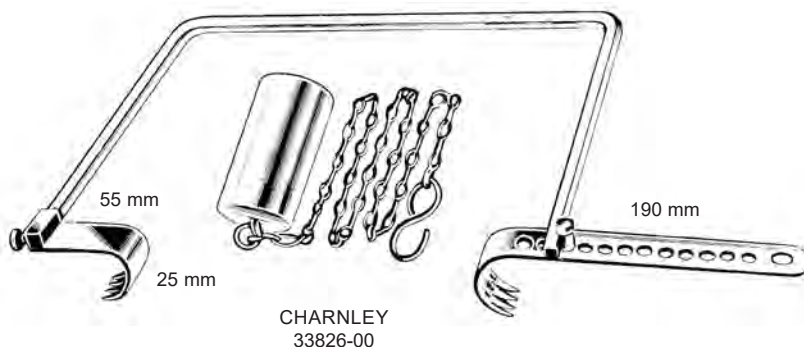
BLOUNT  
33823-26  
26 cm, 10 1/4"



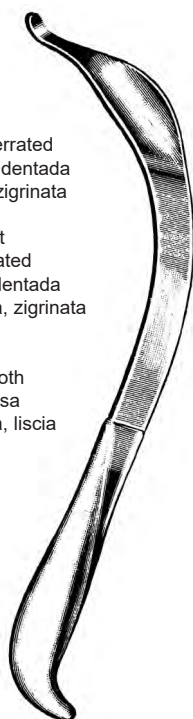
BLOUNT  
33825-26  
26 cm, 10 1/4"



Retraktor, Knochenhebel, Meniskushaken  
 Retractor, Bone Levers, Meniscus Retractors  
 Separador, Elevadores p. huesos, Separadores para menisco  
 Divaricatori, Elevatori per ossa, Divaricatori per il menisco



- 33826-01 spitz, gerieft  
pointed tip, serrated  
punta aguda, dentada  
punta acuta, zigrinata
- 33826-02 stumpf, gerieft  
blunt tip, serrated  
punta roma, dentada  
punta smussa, zigrinata
- 33826-03 stumpf, glatt  
blunt tip, smooth  
punta roma, lisa  
punta smussa, liscia



AUFRANC-COBRA  
 26 cm, 10 1/4"



BLOUNT  
 33827-17  
 17,5 cm, 7"

Knochenhebel  
Bone Levers  
Elevadores p. huesos  
Elevatori per ossa



LANE TRETHOWAN  
33828-21  
21,5 cm, 8 ½"



LANE  
33829-25  
25,5 cm, 10"



BRISTOW  
33830-23  
23 cm, 9"

Knochenhebel, Meniskushaken  
 Bone Levers, Meniscus Retractors  
 Elevadores p. huesos, Separadores para menisco  
 Elevatori per ossa, Divaricatori per il menisco



TAYLOR  
 16,5 cm, 6 1/2"  
 33831-16 75x30 mm  
 33833-16 100x30 mm



SMILLIE  
 14 cm, 5 1/2"  
 12 x 13 mm  
 33832-01



SMILLIE  
 14 cm, 5 1/2"  
 52 x 13 mm  
 33832-02



SMILLIE  
 14 cm, 5 1/2"

32 x 19 mm  
 33832-03

48 x 19 mm  
 33832-04

57 x 19 mm  
 33832-05

Sehnenschäler, Sehnenfaßpinzette, Sehnenhaltezeange, Sehnenfaßinstrumente  
 Tendon seizing instruments  
 Instrumentos para coger tendones  
 Enucleatore di tendine, Strumenti per afferrare tendini



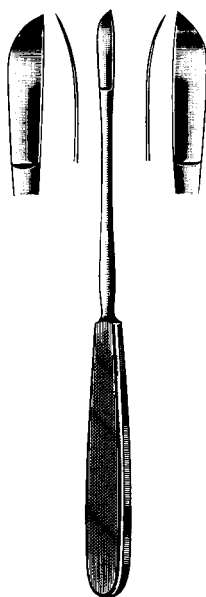
SMILLIE  
 33910-17  
 17 cm, 6 3/4"



33911-17  
 17 cm  
 6 3/4"



33913-17  
 17 cm  
 6 3/4"



NEFF  
 33921-22 - 33923-22  
 22 cm, 8 3/4"



33950-01 3 mm  
 33950-02 4 mm  
 33950-03 5 mm  
 33950-04 6 mm  
 33950-05 7 mm

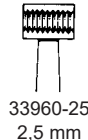
BUNELL  
 33950-01 - 33950-05  
 15 cm, 6"



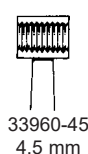
LARSEN  
 33960-15 - 33960-55  
 10 cm, 4"



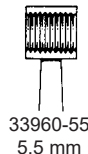
33960-15  
 1,5 mm



33960-25  
 2,5 mm



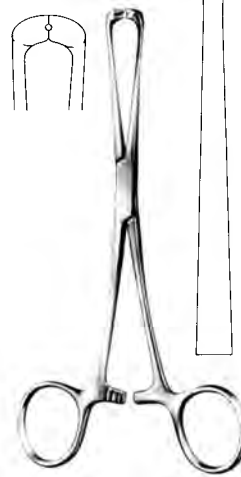
33960-45  
 4,5 mm



33960-55  
 5,5 mm



JACKSON  
 33961-15  
 15 cm, 6"



STEINMANN  
 33962-16  
 16 cm, 6 1/4"

Sehnenfaßinstrumente, Sehnenführer  
Tendon seizing instruments, Tendon passing instr.  
Instrumentos para coger tendones, Instrumento p. el tunel del tendon  
Strumenti per afferrare tendini



33963-12  
12 cm, 4 3/4"



BRAND  
33964-15 - 33964-24



33964-15  
15 cm, 6"



33964-19  
19 cm, 7 1/2"



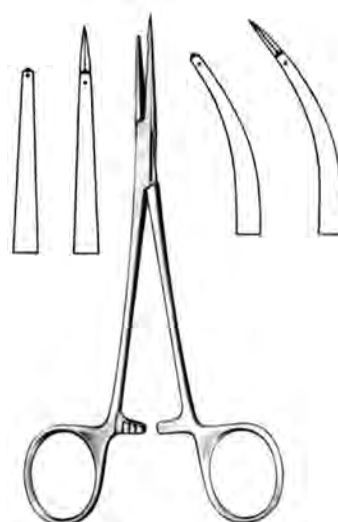
33964-24  
24 cm, 9 1/2"



BRAND  
33965-15 15 cm, 6"  
33965-19 19 cm, 7 1/2"  
33965-24 24 cm, 9 1/2"



CAROLL  
33966-11  
11 cm, 4 3/8"



33966-15 15 cm, 6" 33967-15

Sehnenfassinstrumente, Sehnenstripper, Knochenfeilen, Raspeln  
 Tendon seizing instruments, Tendon Strippers, Bone Files, Rasps  
 Instrumentos para coger tendones, Enucleadores de tendones, Limas, Escofinas  
 Strumenti per afferrare tendini, Scollatendini, Lime per ossa, Raspe



KLEINERT-KUTZ  
 33967-20  
 20 cm, 8"



BRAND

ø 3 mm



33968-30  
 30 cm, 11 3/4"

ø 6 mm



33968-60  
 50 cm, 19 1/2"



biegsam  
 malleable  
 maleable  
 malleabile

BUNELL

33969-18 18 cm, 7"  
 33969-23 23 cm, 9"



biegsamer Schaft  
 flexible shaft  
 vastago maleable  
 camicia flessibile

BUNELL 23 cm

33970-01 ø 4,0 mm  
 33970-02 ø 4,5 mm  
 33970-03 ø 5,5 mm



33971-24  
 24,5 cm, 9 3/4"



33972-22  
 22 cm, 8 3/4"



PUTTI  
 33973-27  
 27 cm, 10 1/2"



PUTTI  
 33975-30  
 30 cm, 11 3/4"



33977-28  
 28 cm, 11"



Komprimeter  
Pneumatic Tourniquet  
Torniquete pneumático  
Apparecchio di compressione



34101-01  
compl.

Gerät zur Erzeugung von Blutleere in den Gliedmaßen  
Compression Apparatus for producing blood vacuum in limbs  
Aparato de compresión para producir el vacío de sangre en los miembros  
Vacumentro per determinare vuoti di sangue nelle membra

34101-02

Pumpe  
Air Pump  
Bomba de aire  
Pompa di aria

34101-03

Manometer  
Manometer  
Manómetro  
Manometro

34101-04

Oberarmmanschette  
Cuff for upper arm  
Brazaletes (brazo)  
Bracciale  
34101-06 incl.

34101-05

Oberschenkelmanschette  
Cuff (leg)  
Brazaletes (pierna)  
Cosciale  
34101-07 incl.

34101-08

Armmanschette Kinder  
Cuff for children  
Brazaletes para niños  
Polsino per i bambini

34101-06

Polster für Oberarmmanschette 46 x 6 cm (18" x 2.4")  
Bandage cuff for arm 46 x 6 cm (18" x 2.4")  
Colchon para brazaletes para brazo 46 x 6 cm (18" x 2.4")  
Bracciale per braccio superiore 46 x 6 cm (18" x 2.4")

34101-07

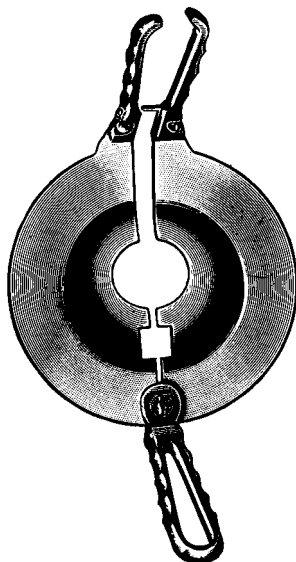
Polster für Oberschenkelmanschette 55 x 10 cm (21 ½ x 10")  
Bandage cuff for leg 55 x 10 cm (21 ½ x 10")  
Colchon para brazaletes para el femur 55 x 10 cm (21 ½ x 10")  
Bracciale per coscia superiore 55 x 10 cm (21 ½ x 10")

Amputations- und Resektionssägen  
Amputation and Resection Saws  
Sierras para amputación y resección  
Seghe per amputazione e resezione

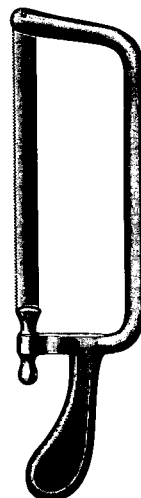
Staubbinde  
Compression bandage  
Vendaje de compresión  
Benda per compressione  
5 m lang / long  
6 cm breit / wide



ESMARCH  
34105-01



PERCY  
34110-00



CHARRIERE  
34112-00  
35 cm, 13 3/4"

34112-01  
12 mm

Ersatzsägeblätter  
Spare saw blades  
Hojas de sierra de repuesto  
Lame di ricambio

34112-02  
15 mm

Ersatzsägeblätter  
Spare saw blades  
Hojas de sierra de repuesto  
Lame di ricambio

komplett mit 2 Blättern  
complete with 2 blades  
completo con 2 hojas  
completa con 2 lame

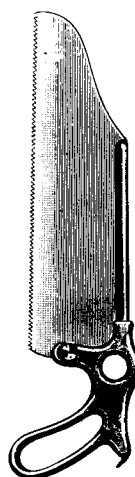


mit 3 Sägeblätter  
4 - 6 - 8 mm  
with 3 spare blade  
con 3 hojas de repuesto  
con 3 lame di ricambio

BIER  
34114-39  
40,5 cm, 16"



CHARRIERE  
34116-30  
30 cm, 11 3/4"



34118-99  
Sägeblatt  
blade  
hoja  
lama

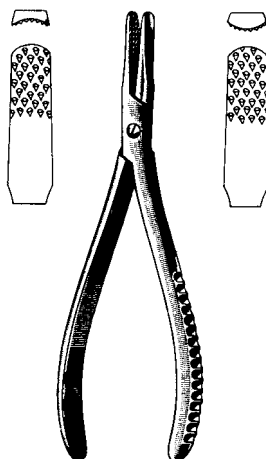
SATTERLEE  
34118-31  
31 cm, 12 1/4"



LANGENBECK  
34120-23  
23 cm, 9"

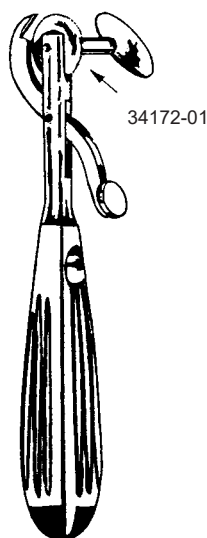


Nagelausreißzange, Fingerringsägen  
 Fcps. f. tearing out finger nails, Finger Ring Saws  
 Pinzas para arrancar uñas, Sierras para abrir anillos  
 Pinze per lacerazione delle unghie, Seghe per anelli



RADOLF

34161-13 13,5 cm, 5 1/4" 3 mm  
 34162-13 13,5 cm, 5 1/4" 6 mm



WALTON  
 34172-00  
 16 cm, 6 1/4"

Sägeblatt  
 Saw blade  
 Hoja de sierra  
 Lama di ricambio



REDA  
 34175-00  
 34175-00S  
 17 cm, 6 3/4"

Sägeblatt  
 Saw blade  
 Hoja de sierra  
 Lama di ricambio

für Titanfingerringe  
 for titanium rings  
 para anillos de titanio  
 per anelli di titanio

Bohrapparate, Bohrlochzange  
 Bone Hand Drills, Forceps for Bone Hole  
 Perforador de mano, Pinza de guía  
 Perforatori a mano, Pinza per perforazione



34241-00  
 Griff allein  
 Handle only  
 Mango solo  
 Manico solo

HUDSON

34240-27 27 cm, 10 1/4"  
 compl. incl. 34242-09, -14, -16, -22,  
 34246-00



34242-09  
 9 mm



34242-14  
 14 mm



34242-16  
 16 mm



34242-22  
 22 mm



ø 2 mm  
 34243-02



CUSHING  
 34244-10  
 34244-14  
 34244-16



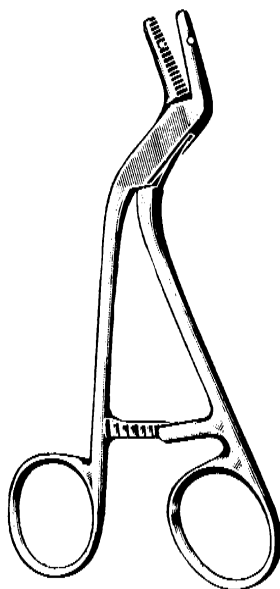
ERRICO  
 34244-17  
 ø 16 mm



MC KENZIE  
 34248-00  
 ø 13 mm



34246-00  
 Verlängerungsstück  
 Extension piece  
 Pieza alargadera  
 Giunto di prolungamento



ADSON  
 34231-15  
 15 cm, 6"

## Bohrapparate Bone Hand Drills Perforador de mano Perforatori a mano



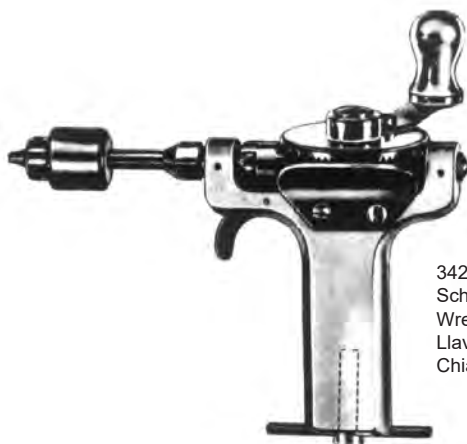
RALK  
34280-00

Bohrapparat mit Leichtmetallgehäuse, mit Dreibackenspannfutter und Schlüssel, Spannweite bis D. 6,35 mm  
Hand drill with light metal case, with three-jaw-chuck and key, opening up to D. 6,35 mm  
Perforador manual con caja de aluminio, con mandril de tres mordazas y llave, abriendo hasta 6,35 mm de D.  
Perforatore a mano con cassa in metallo leggero, con mandrino a tre ganasce e chiave, apertura fino a 6,35 mm di D.



REDA  
34290-00

Handbohrapparat mit umstellbarem Handgriff, mit Jacobs Dreibackenspannfutter und Schlüssel  
Hand drill with adjustable handle, with Jacobs three-jawchuck and wrench  
Perforador de mano en T con cierre Jacobs de 3 mordazas y llave de ajuste  
Perforatore a mano con manico regolabile, con mandrino a tre ganasce di Jacobs e chiave



BUNELL  
34270-00 16 cm, 6 1/4"

Bohrapparat 16 cm (6 1/4"), längsdurchbohrt mit Dreibackenspannfutter und Schlüssel, Spannweite bis 4 mm  
Hand drill, 16 cm (6 1/4"), longitudinally bored, with three-jaw-chuck and key, opening up to 4 mm  
Perforador manual, 16 cm (6 1/4"), taladrado longitudinalmente, con mandril de tres mordazas y llave, abriendo hasta 4 mm  
Perforatore a mano, 16 cm (6 1/4"), con perforazione assiale, con mandrino a tre ganasce e chiave, apertura fino a 4 mm di D.

34270-01  
Schlüssel  
Wrench  
Llave  
Chiave

Handgriffe  
Handles  
Manejar  
Maniglie



34295-00

Spannschlüssel allein  
Key only  
Llave suelta  
Chiave solo



34296-00

Handgriff mit Jacobs-spann-  
futter und Spannschlüssel  
bis 3,6 mm  
Handle with Jacobs chuck  
and key to 3,6 mm  
Mango con cierre Jacobs,  
de 3 mordazas y llave a  
3,6 mm  
Manico con mandrino di  
Jacobs e chiave a 3,6 mm



34296-05

T-Handgriff, verriegelbares schlüsselloses  
Dreibacken-spannfutter, rostfrei  
T-handle, keyless locking chuck  
Mango en T, mordaza sin llave, inox.  
Chiave a T con mandrino a tre ganasce inox



34296-10

Handgriff, Dreibacken-spannfutter, inkl.  
Spann-schlüssel rostfrei  
Handle with chuck, including key  
Mango, mordaza incluyendo llave, inox.  
Mandrino a tre ganasce con manico retto  
completo di chiave di arresto inox

Schnellkupplungs-Handgriffe  
Handles with quick-action chuck  
Mangos de acople rápido  
Manici con attachi rapidi



34296-25  
Schnellkupplungs-T-Handgriff  
T-Handle, quick-action  
Mango en T, acople rápido  
Mandrino a T con raccordo rapido



34296-35  
Schnellkupplungs-Handgriff  
mit Hartgewebegriff  
Handle, quick-action,  
made of very hard fibre  
Mango de acople rápido,  
de material extra-duro  
Mandrino medio rapido con  
manico a fibre dure



34296-40  
Mini Schnellkupplungs-Handgriff  
für „Dental“-Anschluß  
Mini-Handle, quick-action,  
"dental"  
Mini-Mango de acople rápido  
"dental"  
Mini mandrino-rapido con  
impugnatura cilindrica con  
attacco dentale

Bohrer  
Drill bits  
Taladros  
Perforatore



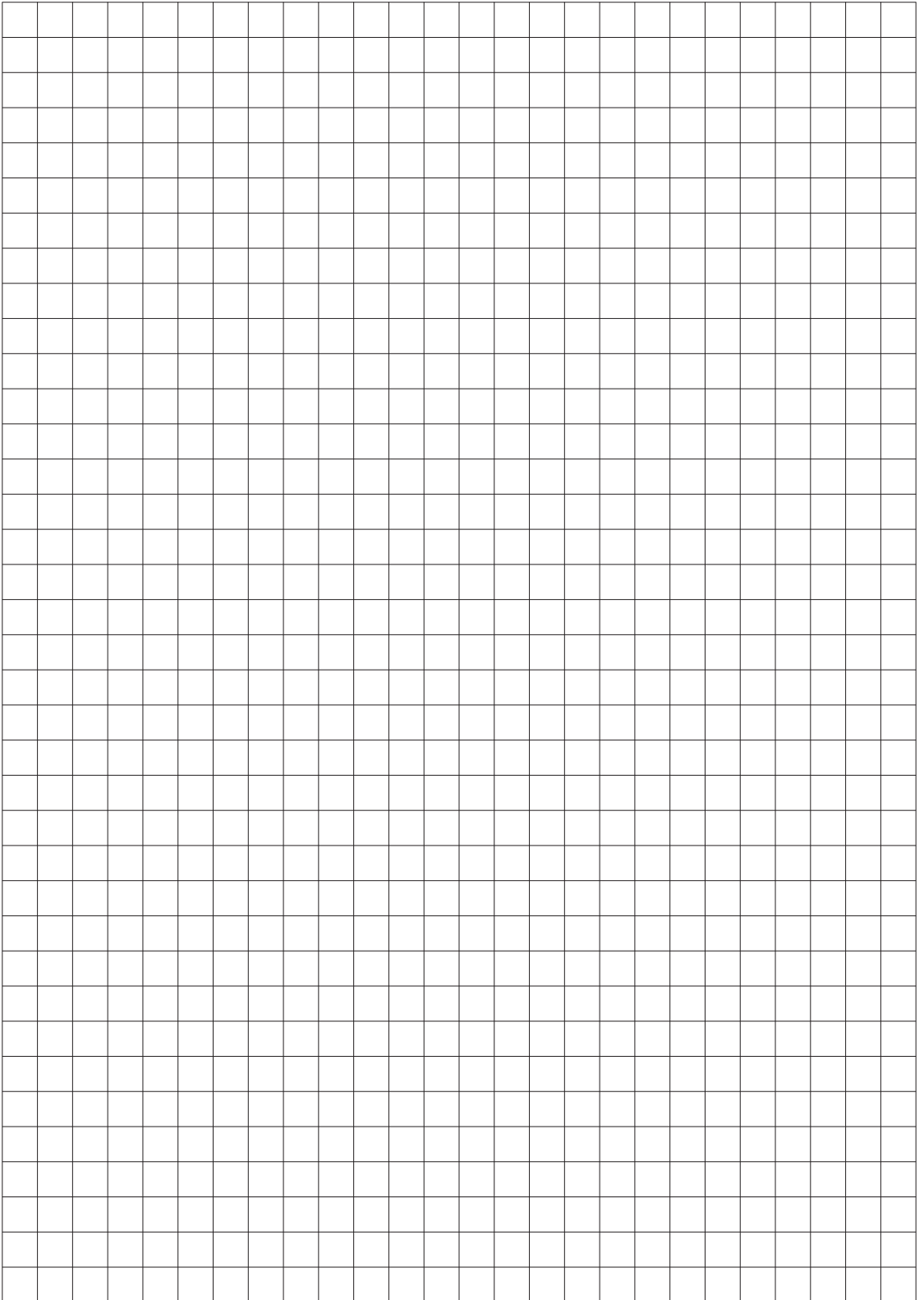
| Ø      |        |          |
|--------|--------|----------|
| 1,0 mm | 56 mm  | 34320-10 |
| 1,5 mm | 70 mm  | 34320-15 |
| 2,0 mm | 85 mm  | 34320-20 |
| 2,5 mm | 95 mm  | 34320-25 |
| 2,7 mm | 100 mm | 34320-27 |
| 3,0 mm | 100 mm | 34320-30 |
| 3,2 mm | 106 mm | 34320-32 |
| 3,5 mm | 112 mm | 34320-35 |
| 4,0 mm | 119 mm | 34320-40 |
| 4,5 mm | 126 mm | 34320-45 |
| 5,0 mm | 132 mm | 34320-50 |
| 6,0 mm | 139 mm | 34320-60 |
| 7,0 mm | 156 mm | 34320-70 |

Spiralbohrer mit Glattschaft  
Twist Drills with round end  
Taladros espirales con vástago redondo  
Perforatore elicoidale

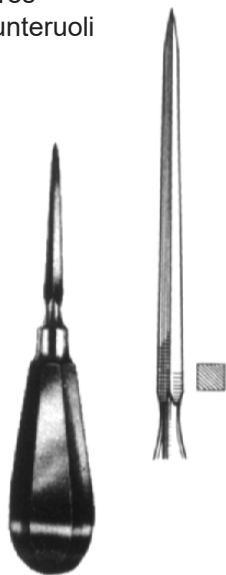


| Ø      |        |          |
|--------|--------|----------|
| 1,1 mm | 60 mm  | 34322-11 |
| 1,5 mm | 85 mm  | 34322-15 |
| 2,0 mm | 100 mm | 34322-20 |
| 2,5 mm | 110 mm | 34322-25 |
| 2,7 mm | 100 mm | 34322-27 |
| 3,2 mm | 145 mm | 34322-32 |
| 3,5 mm | 110 mm | 34322-35 |
| 4,5 mm | 145 mm | 34322-45 |

Spiralbohrer mit Schnellkupplungs-Ansatz  
Twist Drills, quick-action  
Taladros espirales, acople rápido  
Perforatore elicoidale con attacco rapido



Pfrieme, Reibahle  
Awl, Reamer  
Escariadores  
Lesine, Punteruoli



34392-14  
14 cm, 5 ½"



OMBREDANNE  
18 cm, 7"

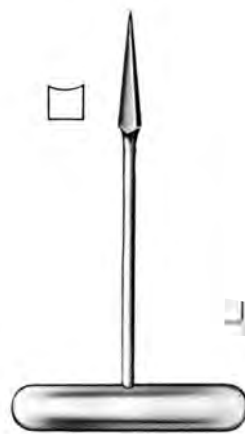
|          |      |
|----------|------|
| 34395-03 | 3 mm |
| 34395-05 | 5 mm |
| 34395-06 | 6 mm |
| 34395-08 | 8 mm |



PERTHES  
34393-18  
18 cm, 7"



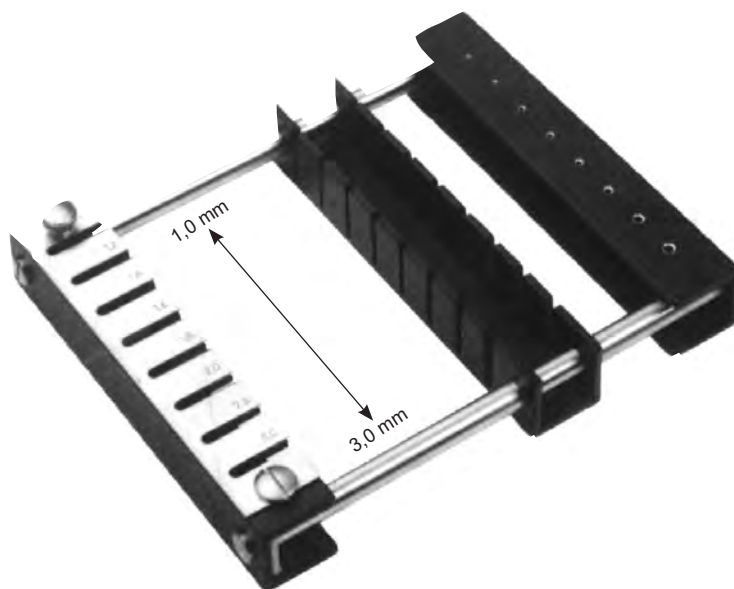
PERTHES  
34393-21  
21 cm, 8 ¼"



34394-14  
14 cm, 5 ½"



Bohrdrahtspender  
Support for sterilisation  
Soporte de esterilización  
Supporto per la sterilizzazione



Bohrdrahtspender für Kirschner-Drähte  
Support for sterilisation of Kirschner wires  
Soporte de esterilización p. alambres de Kirschner  
Supporto per la sterilizzazione dei fili di Kirschner

34440-01 bis 15 cm – up to 15 cm (6") – hasta 15 cm – fino a 15 cm  
34440-02 bis 31 cm – up to 31 cm (12 1/4") – hasta 31 cm – fino a 31 cm  
34440-03 bis 10 cm – up to 10 cm (4") – hasta 10 cm – fino a 10 cm

## Bohrdrähte Drill Wires Alambres Perforatori filiformi

lieferbar in Packungen à 10 Stück  
available in packages of 10 pieces  
disponible en paquets de 10 unidades  
disponibili solo in confezioni da 10 pezzi

Trokarspitze / Trocar point  
Punta trocar / Punte trequarti



| Ø   | 10 cm, 4" | 15 cm, 6" | 31 cm, 12 1/4" |
|-----|-----------|-----------|----------------|
| 0,8 | 34401-08  | 34402-08  | 34403-08       |
| 1,0 | 34401-10  | 34402-10  | 34403-10       |
| 1,1 | 34401-11  | 34402-11  | 34403-11       |
| 1,2 | 34401-12  | 34402-12  | 34403-12       |
| 1,3 | 34401-13  | 34402-13  | 34403-13       |
| 1,4 | 34401-14  | 34402-14  | 34403-14       |
| 1,5 | 34401-15  | 34402-15  | 34403-15       |
| 1,6 | 34401-16  | 34402-16  | 34403-16       |
| 1,7 | 34401-17  | 34402-17  | 34403-17       |
| 1,8 | 34401-18  | 34402-18  | 34403-18       |
| 1,9 | 34401-19  | 34402-19  | 34403-19       |
| 2,0 | 34401-20  | 34402-20  | 34403-20       |
| 2,2 | 34401-22  | 34402-22  | 34403-22       |
| 2,3 | 34401-23  | 34402-23  | 34403-23       |
| 2,4 | 34401-24  | 34402-24  | 34403-24       |
| 2,5 | 34401-25  | 34402-25  | 34403-25       |
| 2,8 | 34401-28  | 34402-28  | 34403-28       |
| 3,0 | 34401-30  | 34402-30  | 34403-30       |

Kirschner  
mit rundem Ende / with round shaft  
con extremo redondo / con estremo rotondo

Trokarspitze / Trocar point  
Punta trocar / Punte trequarti



| Ø   | 10 cm, 4" | 15 cm, 6" | 31 cm, 12 1/4" |
|-----|-----------|-----------|----------------|
| 0,8 | 34404-08  | 34405-08  | 34406-08       |
| 0,9 | 34404-09  | 34405-09  | 34406-09       |
| 1,0 | 34404-10  | 34405-10  | 34406-10       |
| 1,1 | 34404-11  | 34405-11  | 34406-11       |
| 1,2 | 34404-12  | 34405-12  | 34406-12       |
| 1,3 | 34404-13  | 34405-13  | 34406-13       |
| 1,4 | 34404-14  | 34405-14  | 34406-14       |
| 1,5 | 34404-15  | 34405-15  | 34406-15       |
| 1,6 | 34404-16  | 34405-16  | 34406-16       |
| 1,7 | 34404-17  | 34405-17  | 34406-17       |
| 1,8 | 34404-18  | 34405-18  | 34406-18       |
| 1,9 | 34404-19  | 34405-19  | 34406-19       |
| 2,0 | 34404-20  | 34405-20  | 34406-20       |
| 2,2 | 34404-22  | 34405-22  | 34406-22       |
| 2,3 | 34404-23  | 34405-23  | 34406-23       |
| 2,4 | 34404-24  | 34405-24  | 34406-24       |
| 2,5 | 34404-25  | 34405-25  | 34406-25       |
| 2,8 | 34404-28  | 34405-28  | 34406-28       |
| 3,0 | 34404-30  | 34405-30  | 34406-30       |

Kirschner  
mit flachem Ende / with flat shaft  
con extremo plano / con estremo piatto

Trokarspitze / Trocar point  
Punta trocar / Punte trequarti



| Ø   | 10 cm, 4" | 15 cm, 6" | 31 cm, 12 1/4" |
|-----|-----------|-----------|----------------|
| 0,8 | 34407-08  | 34408-08  | 34409-08       |
| 0,9 | 34407-09  | 34408-09  | 34409-09       |
| 1,0 | 34407-10  | 34408-10  | 34409-10       |
| 1,1 | 34407-11  | 34408-11  | 34409-11       |
| 1,2 | 34407-12  | 34408-12  | 34409-12       |
| 1,3 | 34407-13  | 34408-13  | 34409-13       |
| 1,4 | 34407-14  | 34408-14  | 34409-14       |
| 1,5 | 34407-15  | 34408-15  | 34409-15       |
| 1,6 | 34407-16  | 34408-16  | 34409-16       |
| 1,7 | 34407-17  | 34408-17  | 34409-17       |
| 1,8 | 34407-18  | 34408-18  | 34409-18       |
| 1,9 | 34407-19  | 34408-19  | 34409-19       |
| 2,0 | 34407-20  | 34408-20  | 34409-20       |
| 2,2 | 34407-22  | 34408-22  | 34409-22       |
| 2,3 | 34407-23  | 34408-23  | 34409-23       |
| 2,4 | 34407-24  | 34408-24  | 34409-24       |
| 2,5 | 34407-25  | 34408-25  | 34409-25       |
| 2,8 | 34407-28  | 34408-28  | 34409-28       |
| 3,0 | 34407-30  | 34408-30  | 34409-30       |

Kirschner  
Trokarende / Trocar shaft  
Punta trocar / Punte trequarti Bilaterali

Lanzenspitze / Lance point  
Punta lanceolar / Punte lanceolata



| Ø   | 31 cm, 12 1/4" |
|-----|----------------|
| 0,8 | 34410-08       |
| 0,9 | 34410-09       |
| 1,0 | 34410-10       |
| 1,1 | 34410-11       |
| 1,2 | 34410-12       |
| 1,3 | 34410-13       |
| 1,4 | 34410-14       |
| 1,5 | 34410-15       |
| 1,6 | 34410-16       |
| 1,7 | 34410-17       |
| 1,8 | 34410-18       |
| 1,9 | 34410-19       |
| 2,0 | 34410-20       |
| 2,2 | 34410-22       |
| 2,3 | 34410-23       |
| 2,4 | 34410-24       |
| 2,5 | 34410-25       |
| 2,8 | 34410-28       |
| 3,0 | 34410-30       |

Kirschner  
mit flachem Ende / with flat shaft  
con extremo plano / con estremo piatto

lieferbar in Packungen à 10 Stück  
available in packages of 10 pieces  
disponible en paquets de 10 unidades  
disponibili solo in confezioni da 10 pezzi

Bohrdrähte, Knochennägel  
Drill Wires, Fracture pins  
Alambres, Clavos para huesos  
Perforatori filiformi, Chiodi per ossa

Mindestbestellmenge 30 Stück  
minimum order quantity 30 pieces  
cantidad mínima de pedido 30 piezas  
quantità di ordine minimo 30 pezzi

Lanzenspitze / Lance point  
Punta lanceolar / Punta lanceolata

Trokarspitze / Trocar point  
Punta trocar / Punta trequarti

|                  | Ø              | Ø        | Ø        | Ø        | Ø        |
|------------------|----------------|----------|----------|----------|----------|
|                  | 3,5 mm         | 4,0 mm   | 4,5 mm   | 5,0 mm   | 6,0 mm   |
| Ø 31 cm, 12 1/4" |                |          |          |          |          |
| 0,8 34411-08     | 8 cm, 3 1/8"   | 34412-08 | 34413-08 | 34415-08 | 34417-08 |
| 0,9 34411-09     | 10 cm, 4"      | 34412-10 | 34413-10 | 34415-10 | 34417-10 |
| 1,0 34411-10     | 12 cm, 4 3/4"  | 34412-12 | 34413-12 | 34415-12 | 34417-12 |
| 1,1 34411-11     | 14 cm, 5 1/2"  | 34412-14 | 34413-14 | 34415-14 | 34417-14 |
| 1,2 34411-12     | 16 cm, 6 1/4"  | 34412-16 | 34413-16 | 34415-16 | 34417-16 |
| 1,3 34411-13     | 18 cm, 7"      | 34412-18 | 34413-18 | 34415-18 | 34417-18 |
| 1,4 34411-14     | 20 cm, 8"      | 34412-20 | 34413-20 | 34415-20 | 34417-20 |
| 1,5 34411-15     | 22 cm, 8 3/4"  | 34412-22 | 34413-22 | 34415-22 | 34417-22 |
| 1,6 34411-16     | 23 cm, 9"      | 34412-23 | 34413-23 | 34415-23 | 34417-23 |
| 1,7 34411-17     | 24 cm, 9 1/2"  | 34412-24 | 34413-24 | 34415-24 | 34417-24 |
| 1,8 34411-18     | 26 cm, 10 1/4" | 34412-26 | 34413-26 | 34415-26 | 34417-26 |
| 1,9 34411-19     | 28 cm, 11"     | 34412-28 | 34413-28 | 34415-28 | 34417-28 |
| 2,0 34411-20     | 30 cm, 11 3/4" | 34412-30 | 34413-30 | 34415-30 | 34417-30 |
| 2,2 34411-22     |                |          |          |          |          |
| 2,3 34411-23     |                |          |          |          |          |
| 2,4 34411-24     |                |          |          |          |          |
| 2,5 34411-25     |                |          |          |          |          |
| 2,8 34411-28     |                |          |          |          |          |
| 3,0 34411-30     |                |          |          |          |          |

Kirschner  
mit rundem Ende / with round shaft  
con extremo redondo / con estremo rotondo

Steinmann  
mit rundem Ende / with round shaft  
con extremo redondo / con estremo rotondo

Trokarspitze / Trocar point  
Punta trocar / Punta trequarti

|                | Ø        | Ø        | Ø        | Ø        | Ø        |
|----------------|----------|----------|----------|----------|----------|
|                | 3,5 mm   | 4,0 mm   | 4,5 mm   | 5,0 mm   | 6,0 mm   |
| 8 cm, 3 1/8"   | 34420-08 | 34421-08 | 34423-08 | 34425-08 | 34427-08 |
| 10 cm, 4"      | 34420-10 | 34421-10 | 34423-10 | 34425-10 | 34427-10 |
| 12 cm, 4 3/4"  | 34420-12 | 34421-12 | 34423-12 | 34425-12 | 34427-12 |
| 14 cm, 5 1/2"  | 34420-14 | 34421-14 | 34423-14 | 34425-14 | 34427-14 |
| 16 cm, 6 1/4"  | 34420-16 | 34421-16 | 34423-16 | 34425-16 | 34427-16 |
| 18 cm, 7"      | 34420-18 | 34421-18 | 34423-18 | 34425-18 | 34427-18 |
| 20 cm, 8"      | 34420-20 | 34421-20 | 34423-20 | 34425-20 | 34427-20 |
| 22 cm, 8 3/4"  | 34420-22 | 34421-22 | 34423-22 | 34425-22 | 34427-22 |
| 23 cm, 9"      | 34420-23 | 34421-23 | 34423-23 | 34425-23 | 34427-23 |
| 24 cm, 9 1/2"  | 34420-24 | 34421-24 | 34423-24 | 34425-24 | 34427-24 |
| 26 cm, 10 1/4" | 34420-26 | 34421-26 | 34423-26 | 34425-26 | 34427-26 |
| 28 cm, 11"     | 34420-28 | 34421-28 | 34423-28 | 34425-28 | 34427-28 |
| 30 cm, 11 3/4" | 34420-30 | 34421-30 | 34423-30 | 34425-30 | 34427-30 |

Steinmann  
Trokarende / Trocar shaft  
Punta trocar / Punta trequarti Bilateralis

Knochennägel  
Fracture pins  
Clavos para huesos  
Chiodi per ossa

lieferbar in Packungen à 10 Stück  
available in packages of 10 pieces  
disponible en paquets de 10 unidades  
disponibili solo in confezioni da 10 pezzi

Mindestbestellmenge 30 Stück  
minimum order quantity 30 pieces  
cantidad mínima de pedido 30 piezas  
quantità di ordine minimo 30 pezzi

Trokarspitze / Trocar point  
Punta trocar / Punta trequarti



|                | Ø        | Ø        | Ø        | Ø        | Ø        |
|----------------|----------|----------|----------|----------|----------|
|                | 3,5 mm   | 4,0 mm   | 4,5 mm   | 5,0 mm   | 6,0 mm   |
| 8 cm, 3 1/8"   | 34428-08 | 34429-08 | 34431-08 | 34433-08 | 34435-08 |
| 10 cm, 4"      | 34428-10 | 34429-10 | 34431-10 | 34433-10 | 34435-10 |
| 12 cm, 4 3/4"  | 34428-12 | 34429-12 | 34431-12 | 34433-12 | 34435-12 |
| 14 cm, 5 1/2"  | 34428-14 | 34429-14 | 34431-14 | 34433-14 | 34435-14 |
| 16 cm, 6 1/4"  | 34428-16 | 34429-16 | 34431-16 | 34433-16 | 34435-16 |
| 18 cm, 7"      | 34428-18 | 34429-18 | 34431-18 | 34433-18 | 34435-18 |
| 20 cm, 8"      | 34428-20 | 34429-20 | 34431-20 | 34433-20 | 34435-20 |
| 22 cm, 8 3/4"  | 34428-22 | 34429-22 | 34431-22 | 34433-22 | 34435-22 |
| 23 cm, 9"      | 34428-23 | 34429-23 | 34431-23 | 34433-23 | 34435-23 |
| 24 cm, 9 1/2"  | 34428-24 | 34429-24 | 34431-24 | 34433-24 | 34435-24 |
| 26 cm, 10 1/4" | 34428-26 | 34429-26 | 34431-26 | 34433-26 | 34435-26 |
| 28 cm, 11"     | 34428-28 | 34429-28 | 34431-28 | 34433-28 | 34435-28 |
| 30 cm, 11 3/4" | 34428-30 | 34429-30 | 34431-30 | 34433-30 | 34435-30 |

Steinmann  
mit 3-kant-Ende / with triangular end  
con extremo triangular / con estremo triangolare

Trokarspitze / Trocar point  
Punta trocar / Punta trequarti

mit Gewinde  
threaded Wires  
con rosca  
con filetto



15 mm

| Ø   | 15 cm, 6" | 18 cm, 7" | 20 cm, 8" | 23 cm, 9" | 25 cm, 10" | 31 cm, 12 1/4" |
|-----|-----------|-----------|-----------|-----------|------------|----------------|
| 1,6 | 34436-16  | 34437-16  | 34438-16  | 34439-16  | 34440-16   | 34441-16       |
| 1,8 | 34436-18  | 34437-18  | 34438-18  | 34439-18  | 34440-18   | 34441-18       |
| 2,0 | 34436-20  | 34437-20  | 34438-20  | 34439-20  | 34440-20   | 34441-20       |
| 2,5 | 34436-25  | 34437-25  | 34438-25  | 34439-25  | 34440-25   | 34441-25       |
| 2,8 | 34436-28  | 34437-28  | 34438-28  | 34439-28  | 34440-28   | 34441-28       |
| 3,0 | 34436-30  | 34437-30  | 34438-30  | 34439-30  | 34440-30   | 34441-30       |

mit rundem Ende / with round shaft  
con extremo redondo / con estremo rotondo

lieferbar in Packungen à 10 Stück  
available in packages of 10 pieces  
disponible en paquets de 10 unidades  
disponibili solo in confezioni da 10 pezzi

Knochennägel  
Fracture pins  
Clavos para huesos  
Chiodi per ossa

Mindestbestellmenge 30 Stück  
minimum order quantity 30 pieces  
cantidad mínima de pedido 30 piezas  
quantità di ordine minimo 30 pezzi

Trokarspitze / Trocar point  
Punta trocar / Punta trequarti

mit Gewinde  
threaded Wires  
con rosca  
con filetto



| Ø   | 15 cm, 6" | 18 cm, 7" | 20 cm, 8" | 23 cm, 9" | 25 cm, 10" | 31 cm, 12 ¼" |
|-----|-----------|-----------|-----------|-----------|------------|--------------|
| 1,6 | 34442-16  | 34443-16  | 34444-16  | 34445-16  | 34446-16   | 34447-16     |
| 1,8 | 34442-18  | 34443-18  | 34444-18  | 34445-18  | 34446-18   | 34447-18     |
| 2,0 | 34442-20  | 34443-20  | 34444-20  | 34445-20  | 34446-20   | 34447-20     |
| 2,5 | 34442-25  | 34443-25  | 34444-25  | 34445-25  | 34446-25   | 34447-25     |
| 2,8 | 34442-28  | 34443-28  | 34444-28  | 34445-28  | 34446-28   | 34447-28     |
| 3,0 | 34442-30  | 34443-30  | 34444-30  | 34445-30  | 34446-30   | 34447-30     |

Trokarende / Trocar shaft  
Punta trocar / Punta trequarti

Bohrdrahtspender  
K-Wire Dispenser  
Dispensador para brocas filiformes  
Distributore per fili

12 cm, 4 ¾"



34450-08 0,8 mm  
34450-10 1,0 mm  
34450-12 1,2 mm  
34450-14 1,4 mm  
34450-15 1,5 mm  
34450-16 1,6 mm  
34450-18 1,8 mm  
34450-20 2,0 mm  
34450-22 2,2 mm  
34450-25 2,5 mm  
34450-30 3,0 mm

17 cm, 6 ¾"

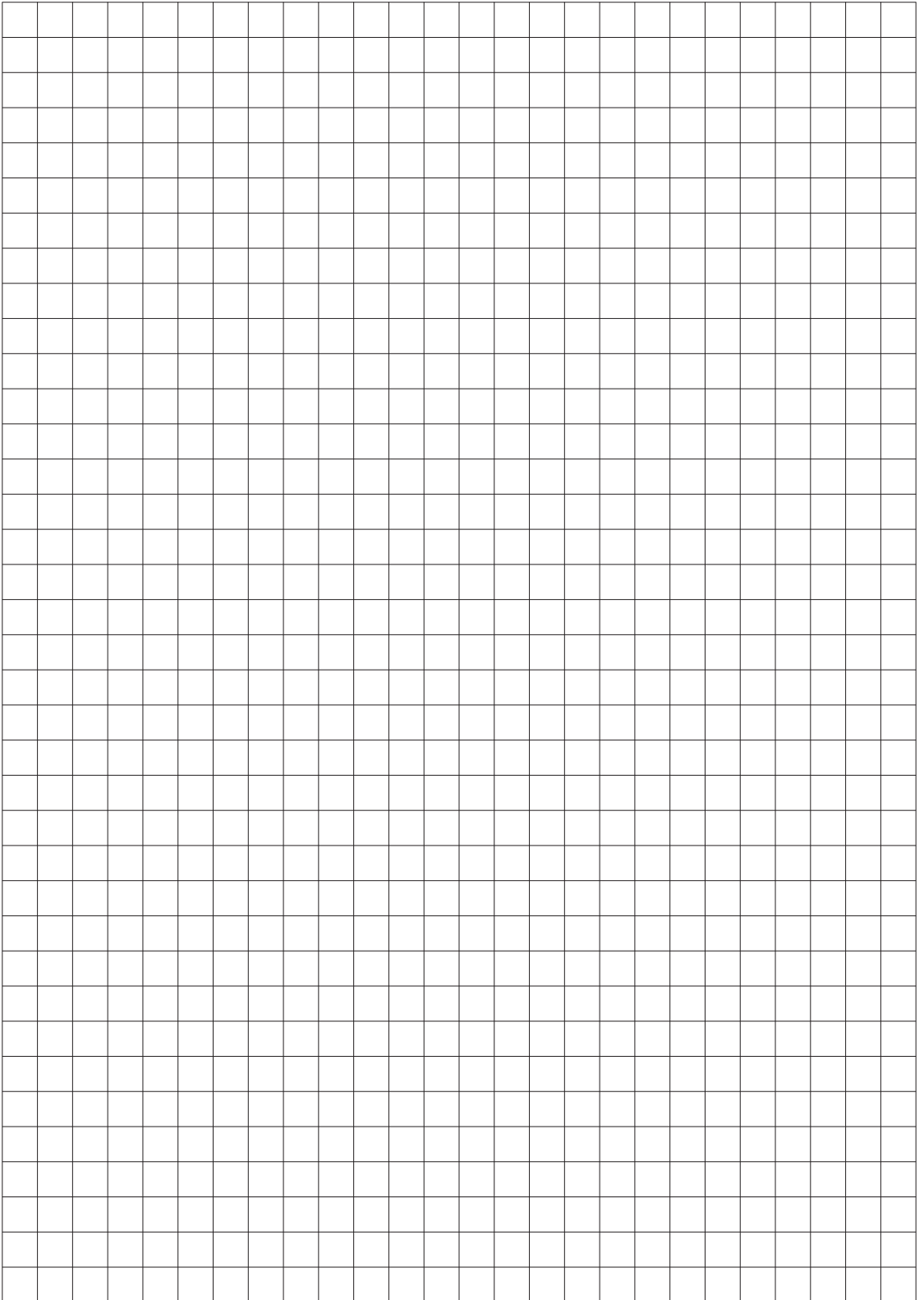


34460-08 0,8 mm  
34460-10 1,0 mm  
34460-12 1,2 mm  
34460-14 1,4 mm  
34460-15 1,5 mm  
34460-16 1,6 mm  
34460-20 2,0 mm  
34460-22 2,2 mm  
34460-25 2,5 mm  
34460-30 3,0 mm

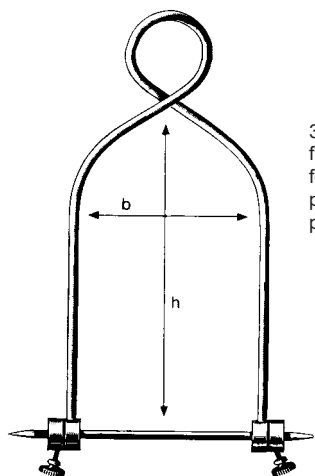
33 cm, 13"



34470-08 0,8 mm  
34470-10 1,0 mm  
34470-12 1,2 mm  
34470-14 1,4 mm  
34470-15 1,5 mm  
34470-16 1,6 mm  
34470-20 2,0 mm  
34470-22 2,2 mm  
34470-25 2,5 mm  
34470-30 3,0 mm



Extensionsbügel  
Extension Bows  
Estribos para extensión  
Archi per estensione

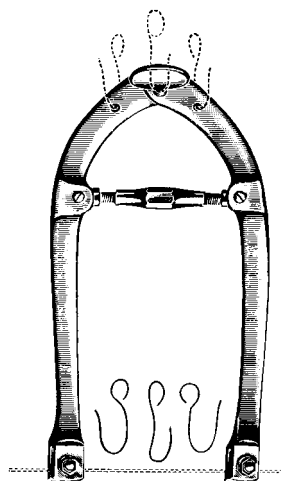


34502-16  
für Arm  
for arm  
para brazo  
per braccio

16 x 9 cm  
6 1/4" x 3 1/2"

BÖHLER

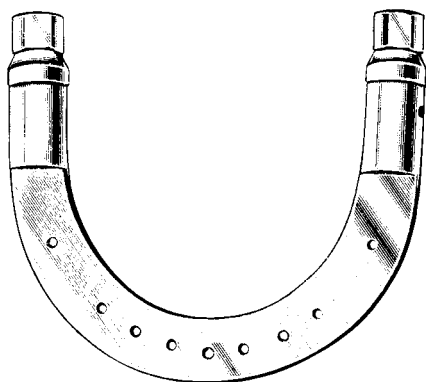
34502-15 21 x 15 cm 8 1/4" x 6"  
34502-21 21 x 11 cm 8 1/4" x 4 3/8"  
für Oberschenkel und Knie  
for thigh and knee  
para femur y rodilla  
per femore e ginocchio



KIRSCHNER

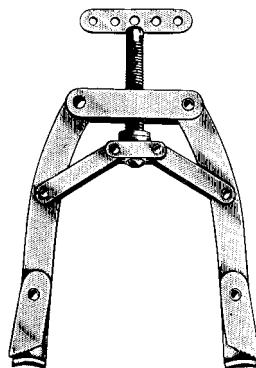
34514-18 40 - 140 mm x 115 mm mit 3 Zughaken  
with 3 hooks  
con 3 ganchos  
con 3 ganci per trazione

34514-27 60 - 220 mm x 175 mm mit 3 Zughaken  
with 3 hooks  
con 3 ganchos  
con 3 ganci per trazione



KIRSCHNER

34515-09 9,5 x 7,0 cm 3 3/4" x 2 3/4"  
34515-10 9,5 x 11,0 cm 3 3/4" x 4 3/8"  
34515-11 10,5 x 10,0 cm 4,1" x 4"  
34515-12 12,0 x 12,0 cm 4 3/4" x 4 3/4"  
34515-13 13,5 x 13,0 cm 5 1/4" x 5 1/8"  
34515-15 15,5 x 15,5 cm 6" x 6"  
34515-20 20,0 x 15,5 cm 8" x 6"



KIRSCHNER U.S.

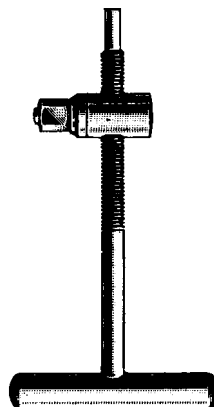
34518-01  
mittel, medium, mediano, max. 130 mm (5 1/8")  
34518-02  
groß, large, grande, max. 185 mm (7 1/4")  
34518-03  
extra groß, large extra long, muy grande, max. 220 mm (8 3/4")



Spannschlüssel, Zughaken  
Tightening wrench, hooks  
Llave tensora, ganchos  
Chiave, ganci per trazione



34515-01



34515-02

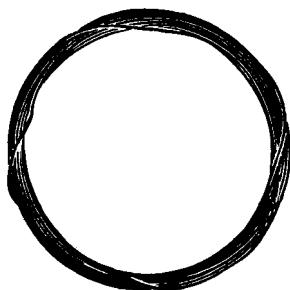


KIRSCHNER  
34519-01



KIRSCHNER  
34519-02

Knochendraht  
 Bone wire  
 Hilos para huesos  
 Filo per ossa



weich, in Ringen zu 10 m (32,8 Feet)  
 soft, in coils of 10 m (32,8 Feet)  
 blando, de 10 m (32,8 Feet)  
 morbido, 10 m (32,8 Feet)

Material:  
 nichtrostender Implantatstahl  
 nach DIN 17443 (ISO 5832/1)

|          | mm Ø |
|----------|------|
| 34520-02 | 0,2  |
| 34520-03 | 0,3  |
| 34520-04 | 0,4  |
| 34520-05 | 0,5  |
| 34520-06 | 0,6  |
| 34520-07 | 0,7  |
| 34520-08 | 0,8  |
| 34520-09 | 0,9  |
| 34520-10 | 1,0  |
| 34520-12 | 1,2  |
| 34520-15 | 1,5  |

Drahtumführungsadeln, Drahtspanninstrumente  
Bone wire guides, Bone wire tighteners  
Agujas pasa-hilos, Tensor cierra-hilos  
Aghi passafili, Strumenti tendifili



DEMEL

- Fig. 1 34528-01 31 cm, 12 1/4"  
Fig. 2 34528-02 29 cm, 11 1/2"  
Fig. 3 34528-03 27 cm, 10 1/2"

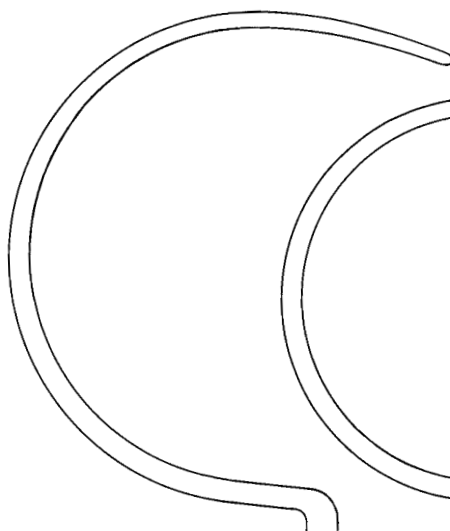


Fig. 1

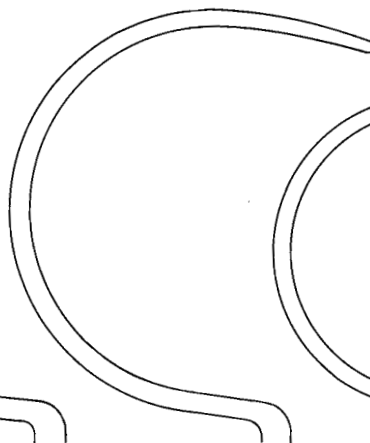


Fig. 2

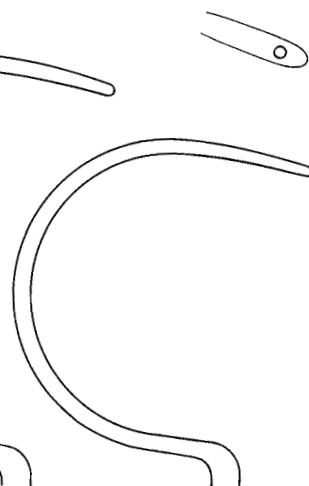
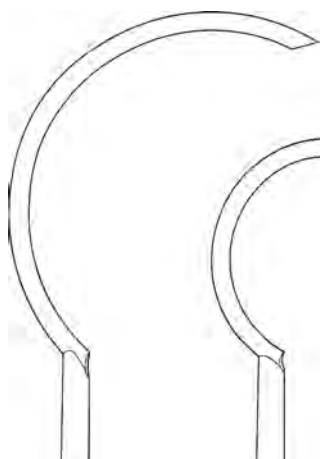
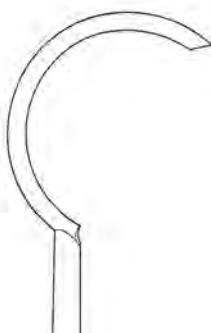


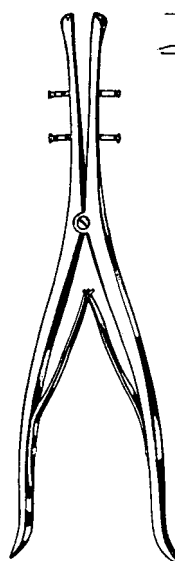
Fig. 3



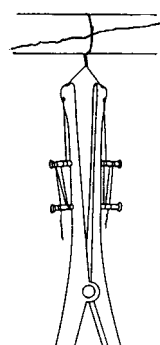
34527-70  
27 cm, 10 1/2"



34527-45  
24 cm, 9 1/2"

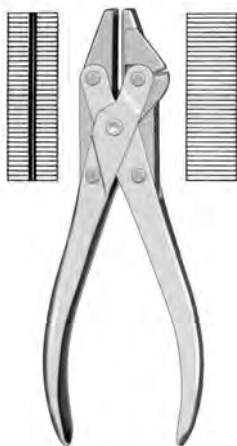


DEMEL  
34530-28  
28 cm, 11"



LOUTE  
34531-21  
21 cm, 8 1/4"

Flachzangen, Faßzangen  
 Flat Nose Pliers, Seizing Forceps  
 Alicates planos, Pinzas para coger alambres  
 Tenaglie piatte, Tenaglie per afferrare



34533-17  
 17 cm, 6 3/4"



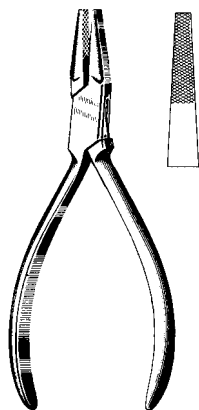
GRIP  
 34534-18  
 18 cm, 7"



34534-15  
 15 cm, 6"



34535-16  
 16 cm, 6 1/4"



34536-14  
 14 cm, 5 1/2"



34537-19  
 19 cm, 7 1/2"



2 mm

4 mm

6 mm

34538-01

34538-02

34538-03

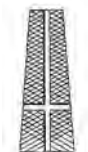
34539-01 TC 34539-02 TC 34539-03 TC

18 cm, 7"

Flachzangen, Drahtkneifzangen  
 Flat Nose Pliers, Wire cutting Pliers  
 Alicates planos, Alicates para cortar alambres  
 Tenaglie piate, Tenaglie tagliafili



34540-01



34540-02



17 cm, 6 3/4"

34540-18  
18 cm, 7"34540-19  
18 cm, 7"34540-20  
20 cm, 8"

Drahtkneifzangen  
Wire cutting Pliers  
Alicates para cortar alambres  
Tenaglie tagliafili



34541-23 TC 23 cm, 9"

soft wire 3,0 mm  
hard wire 2,2 mm



34542-15 TC 15 cm, 6"

Soft wire 2,0 mm  
hard wire 1,5 mm



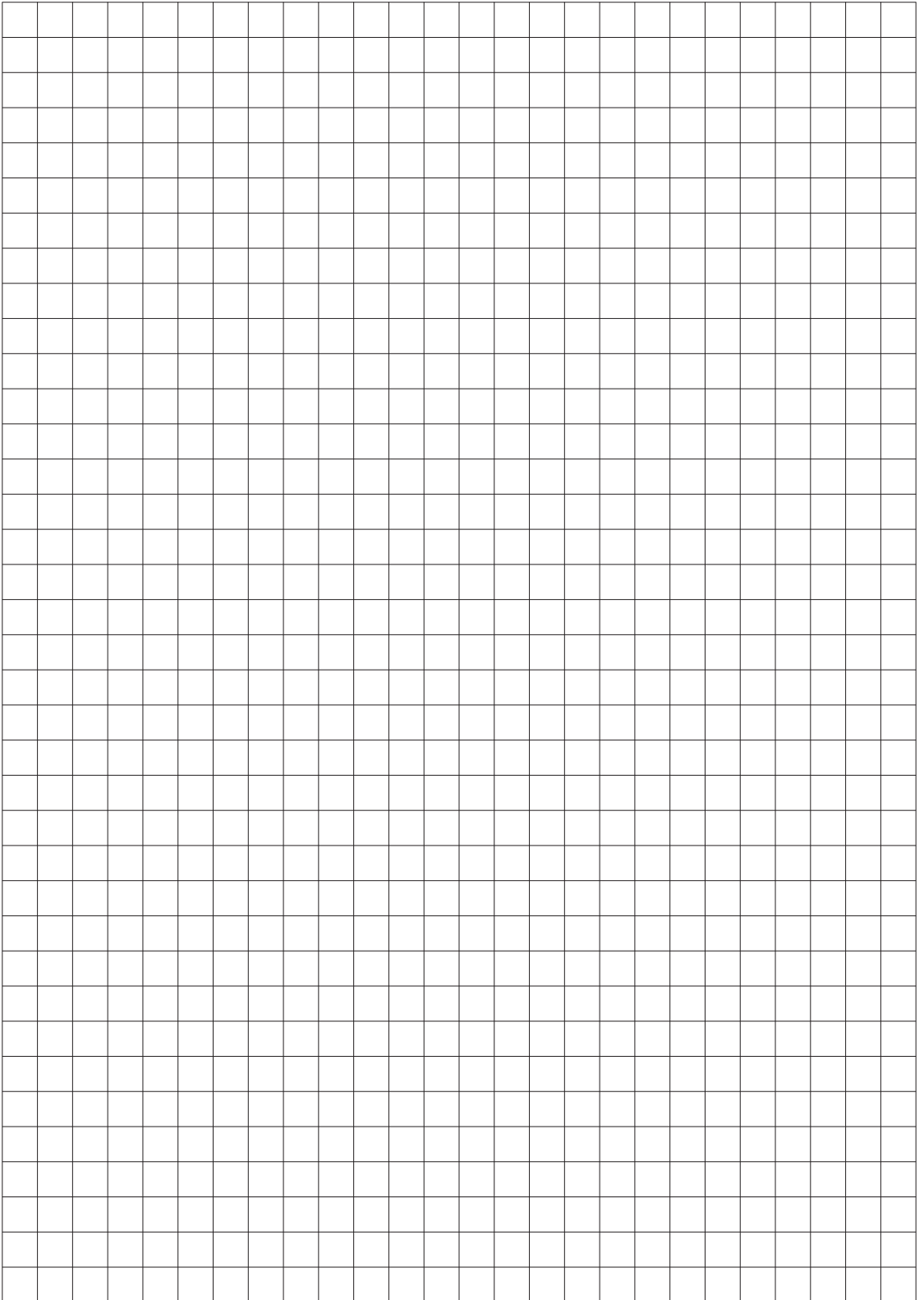
34543-23 TC 23 cm, 9"

Soft wire 3,5 mm  
hard wire 2,5 mm

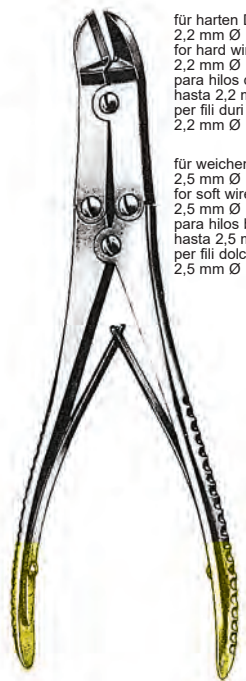


34544-18 TC 18 cm, 7"

Soft wire 2,5 mm  
hard wire 1,5 mm



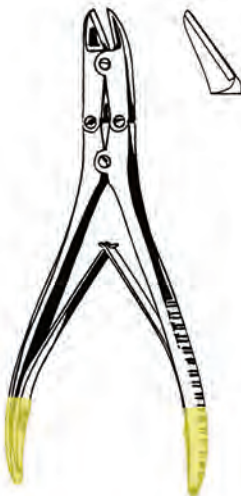
**Drahtkneifzangen, Drahtfaßzangen**  
**Wire Cutting Pliers, Wire Seizing Forceps**  
**Alicates para cortar alambres, Pinzas para coger alambres**  
**Tronchese taglianti, Tenaglie per afferrare i fili**



für harten Draht bis  
2,2 mm Ø  
for hard wires up to  
2,2 mm Ø  
para hilos duros  
hasta 2,2 mm Ø  
per fili duri a  
2,2 mm Ø

für weichen Draht bis  
2,5 mm Ø  
for soft wires up to  
2,5 mm Ø  
para hilos blandos  
hasta 2,5 mm Ø  
per fili dolci fino a  
2,5 mm Ø

34545-22 TC 22 cm, 8 1/4"



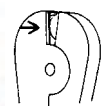
für harten Draht bis 1,6 mm Ø  
for hard wires up to 1,6 mm Ø  
para hilos duros hasta 1,6 mm Ø  
per fili duri a 1,6 mm Ø

für weichen Draht bis 2,0 mm Ø  
for soft wires up to 2,0 mm Ø  
para hilos blandos hasta 2,0 mm Ø  
per fili dolci fino a 2,0 mm Ø

34546-16 TC 16 cm, 6 1/4"  
34546-18 TC 18 cm, 7"



für weichen Draht bis  
2,0 mm Ø  
for soft wires up to  
2,0 mm Ø  
para hilos blandos  
hasta 2,0 mm Ø  
per fili dolci fino a  
2,0 mm Ø



für harten Draht bis  
1,6 mm Ø  
for hard wires up to  
1,6 mm Ø  
para hilos duros  
hasta 1,6 mm Ø  
per fili duri a  
1,6 mm Ø

34548-18 TC 18 cm, 7"

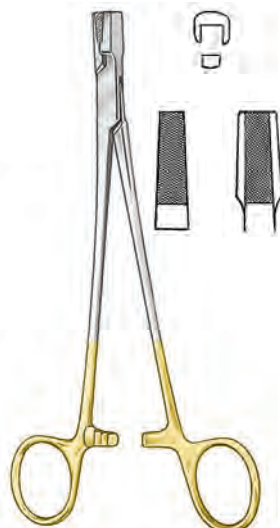


soft wire 1,5 mm  
hard wire 1,0 mm

34549-14 TC 14 cm, 5 1/2"



34550-13 13 cm, 5 1/8"  
34550-18 18 cm, 7"



34551-17 TC 17 cm, 6 3/4"



Drahtzangen  
Wire Twisting Forceps  
Pinzas para torcer hilos  
Pinza torcifili



CORWIN-HEGAR

34552-16 TC 16 cm, 6 1/4"



BERRY

34556-18 TC 18 cm, 7"



MAYO-HABERISSER



34554-15 TC

15 cm  
6"



34555-15 TC



34554-18 TC

18 cm  
7"



34555-18 TC



34554-20 TC

20 cm  
8"



34555-20 TC

Drahtkneifzange

Pin cutter

Alicate para cortar clavos

Ghigliottina per tagliare fili fino



34557-22 22 cm, 8 3/4"  
34557-25 25 cm, 10"  
34557-30 30 cm, 11 3/4"



bis 2,2 mm  
up to 2,2 mm  
hasta 2,2 mm  
a 2,2 mm

34558-32 32 cm, 12 1/2"



bis 6 mm  
up to 6 mm  
hasta 6 mm  
a 6 mm

34559-47 TC 47 cm, 18 1/2"



bis 6,5 mm  
up to 6,5 mm  
hasta 6,5 mm  
a 6,5 mm

34560-57 TC 57 cm 22 1/2"

Drahtkneifzange  
Wire Cutter  
Alicate para alambre  
Tronchese tagliafili



# HERCULES

34547-23 TC 23 cm / 9"

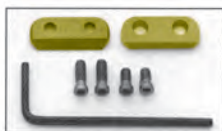
für Bohrdrähte bis max. 3 mm Ø  
über 40% Kraftersparnis durch Spezialmechanik  
auswechselbare Hartmetallschneiden  
auswechselbare Gummibacken  
komplett sterilisierbar

for drill wires of max 3 mm Ø  
over 40% less power required by special mechanic  
exchangeable TC-blades  
exchangeable rubber jaws  
full sterilisable

para taladros filiformes de max. 3 mm Ø  
reducción de la fuerza manual en más de un 40%  
placas de tungsteno intercambiables  
bocas de goma intercambiables  
complemente esterilizable

con riduzione di forza più del 40%  
Per fili pertoratori fino a 3 mm  
Placche taglienti al TC intercambiabili  
Ganasce in gomma intercambiabili  
Completamente sterilizzabili

Ersatzteilsets  
Spare Part Sets  
Juegos de recambios  
Set per parti di ricambio



34547-01

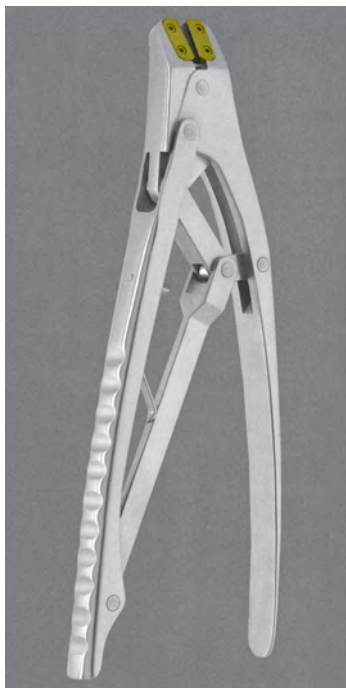
1 Paar Hartmetallschneiden / 2 Paar Schrauben / 1 Inbusschlüssel  
1 pair of TC-blades / 2 pairs of screws / 1 Allen key  
1 par de placas de tungsteno / 2 pares de tornillos / 1 llave hexagonal  
1 Paio di placche TC / 2 Paio di viti da fissaggio / 1 chiave esagonale



34547-03

1 Paar Gummibacken / 1 Paar Schrauben  
1 pair of rubber jaws / 1 pair of screws  
1 par de bocas de goma / 1 par de tornillos  
1 Paio di ganasce in gomma / 1 Paio di viti da fissaggio

Drahtkneifzange  
Wire Cutter  
Alicate para alambre  
Tronchese tagliafili



#### HERCULES

34547-28 TC 28 cm / 11"

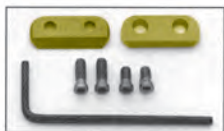
für Bohrdrähte ab 2,5 - 4,0 mm  
über 40% Kraftersparnis durch Spezialmechanik  
auswechselbare Hartmetallschneiden  
auswechselbare Gummibacken  
komplett sterilisierbar

for drill wires of 2,5 - 4,0 mm  
over 40% less power required by special mechanic  
exchangeable TC-blades  
exchangeable rubber jaws  
full sterilisable

para taladros filiformes de 2,5 - 4,0 mm  
reducción de la fuerza manual en más de un 40%  
placas de tungsteno intercambiables  
bocas de goma intercambiables  
complemente esterilizable

con riduzione di forza più del 40%  
Per fili pertoratori fino a 2,5 - 4,0 mm  
Placche taglienti al TC intercambiabili  
Ganasce in gomma intercambiabili  
Completamente sterilizzabili

Ersatzteilsets  
Spare Part Sets  
Juegos de recambios  
Set per parti di ricambio



#### 34547-02

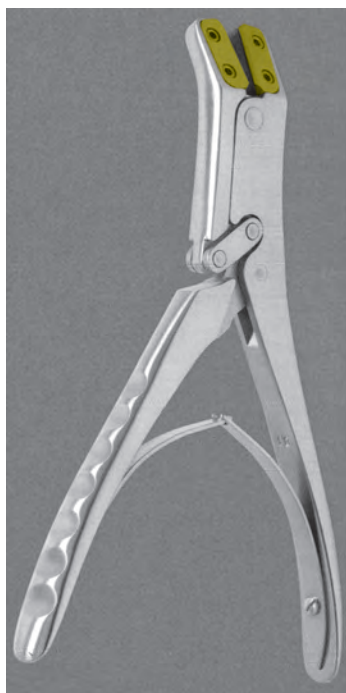
1 Paar Hartmetallschneiden / 2 Paar Schrauben / 1 Inbusschlüssel  
1 pair of TC-blades / 2 pairs of screws / 1 Allen key  
1 par de placas de tungsteno / 2 pares de tornillos / 1 llave hexagonal  
1 Paio di placche TC / 2 Paio di viti da fissaggio / 1 chiave esagonale



#### 34547-03

1 Paar Gummibacken / 1 Paar Schrauben  
1 pair of rubber jaws / 1 pair of screws  
1 par de bocas de goma / 1 par de tornillos  
1 Paio di ganasce in gomma / 1 Paio di viti da fissaggio

Drahtkneifzange  
Wire Cutter  
Alicate para alambre  
Tronchese tagliafili



# HERCULES

35548-18 TC 18 cm / 7"

für Bohrdrähte bis max. Ø 2,2 mm  
über 40% Kraftersparnis durch Spezialmechanik, auswechselbare Hartmetallschneiden  
auswechselbare Gummibacken  
komplett sterilisierbar

for drill wires of max Ø 2,2 mm  
over 40% less power required by special mechanic  
exchangeable TC-blades  
exchangeable rubber jaws  
full sterilisable

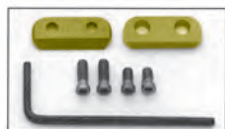
para taladros filiformes de max. Ø 2,2 mm  
reducción de la fuerza manual en más de un 40%  
placas de tungsteno intercambiables  
bocas de goma intercambiables  
complemente esterilizable

con riduzione di forza più del 40%  
Per fili perforatori da 2,2 mm  
Utilizzabile a scelta per mano sinistra e destra  
Placche taglienti al TC intercambiabili  
Ganasce in gomma intercambiabili  
Completamente sterilizzabili

für Rechtshänder / for right-handers /  
para la mano derecha / per mano destra



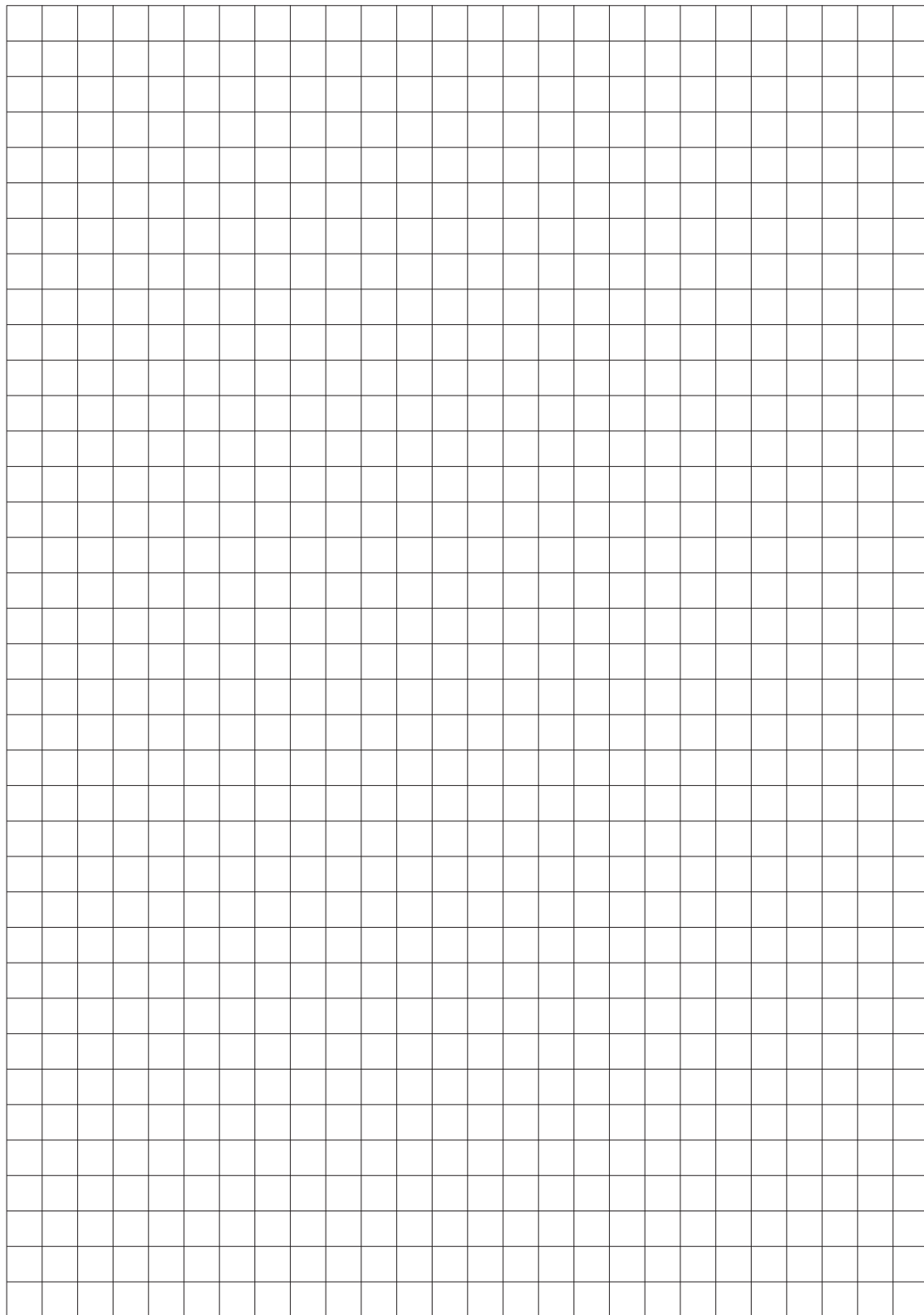
Ersatzteilsets  
Spare Part Sets  
Juegos de recambios  
Set per parti di ricambio



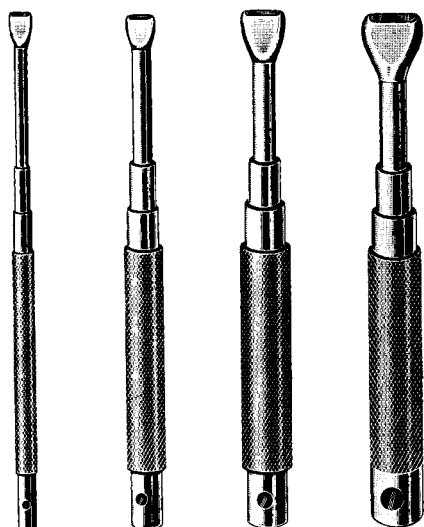
35547-01  
1 Paar Hartmetallschneiden / 2 Paar Schrauben / 1 Inbusschlüssel  
1 pair of TC-blades / 2 pairs of screws / 1 Allen key  
1 par de placas de tungsteno / 2 pares de tornillos / 1 llave hexagonal  
1 Paio di placche TC / 2 Paio di viti da fissaggio / 1 chiave esagonale



34547-03  
1 Paar Gummibacken / 1 Paar Schrauben  
1 pair of rubber jaws / 1 pair of screws  
1 par de bocas de goma / 1 par de tornillos  
1 Palo ganasce in gomma / 1 Paio di viti da fissaggio

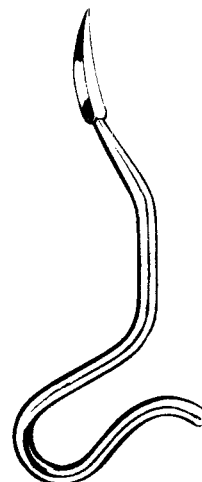


Instrumentarium für Ender und Küntscher Nägel  
Instruments for ender and Küntscher Nails  
Instrumental para Clavos Ender y Küntscher  
Strumentario per chiodi di Ender e Küntscher



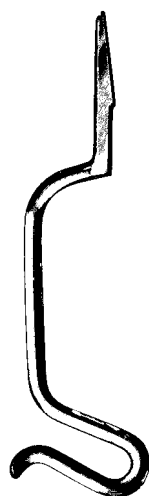
|         |          |          |          |          |
|---------|----------|----------|----------|----------|
|         | 34562-24 | 34562-32 | 34562-48 | 34562-64 |
| f./p. Ø | 2,4 mm   | 3,2 mm   | 4,8 mm   | 6,4 mm   |

Ein- und Ausschlaginstrumente für Ender-Nägel  
Driver-extractors for Ender nails  
Impactores-Extractores para clavos de Ender  
Impattatore-Estrattore per chiodi di Ender



|           |                |
|-----------|----------------|
| KÜNTSCHER | 26 cm, 10 1/4" |
| 34570-01  | 8 mm           |
| 34570-02  | 10 mm          |

Vorbohrer zum Öffnen der Markhöhle  
Reamers for medullary cave  
Perforadores para la cavidad medular  
Alesatore per l'apertura del midollo



KÜNTSCHER  
34573-35 35 cm, 13 3/4"  
Aufreiber für Oberschenkel  
Reamer for femur  
Perforador para fémur  
Alesatore per femore



Führungsspieße  
Guide pins  
Guía-conductora para clavos medulares  
Guida conduttrice

|     |                         |
|-----|-------------------------|
|     | mm Ø L = 60 cm, 23 3/4" |
| 3,5 | 34583-60                |
| 4,0 | 34584-60                |
| 5,0 | 34585-60                |



|                                                     |
|-----------------------------------------------------|
| für Nägel<br>for nails<br>para clavos<br>per chiodi |
| Ø 6-8 mm<br>34588-01                                |
| Ø 9-12 mm<br>34588-02                               |
| Ø 12-17 mm<br>34588-03                              |
| KÜNTSCHER 19 cm, 7 1/2"                             |

Fertigschläger  
Nail impactors  
Impactor final  
Impattatore finale

Instrumentarium für Küntscher Nägel  
Instruments for Küntscher Nails  
Instrumental para Clavos Küntscher  
Strumentario per chiodi di Küntscher



34590-01



34590-02



## KÜNTSCHER

34590-00 63 cm, 24 3/4"

komplett mit 2 Haken 34590-01/02

complete with 2 hooks 34590-01/02

completo con 2 ganchos 34590-01/02

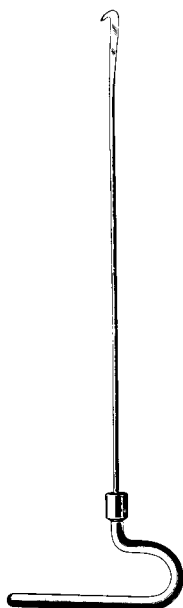
completo con 2 ganci 34590-01/02

Extraktor

Nail extractor

Aparato extractor

Estrattore



Extraktionshaken

Extraction hooks

Ganchos extractores

Gancio d'estrazione

34596-29 29 cm 11,4"

34596-37 37 cm 14,5"

34596-42 42 cm 16,5"

34596-49 49 cm 19,3"



Markraumborher

Intramedullary drills

Perforadores medulares

Perforatore intramidollare

Ø

6,0 mm 34597-06

7,0 mm 34597-07

8,0 mm 34597-08

9,0 mm 34597-09

10,0 mm 34597-10

11,0 mm 34597-11

12,0 mm 34597-12

13,0 mm 34597-13

14,0 mm 34597-14

15,0 mm 34597-15

16,0 mm 34597-16

17,0 mm 34597-17

18,0 mm 34597-18

19,0 mm 34597-19

20,0 mm 34597-20



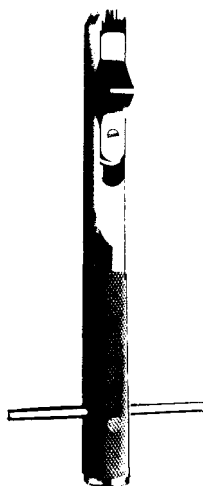
Instrumentarium für Küntscher Nägel  
Instruments for Küntscher Nails  
Instrumental para Clavos Küntscher  
Strumentario per chiodi di Küntscher



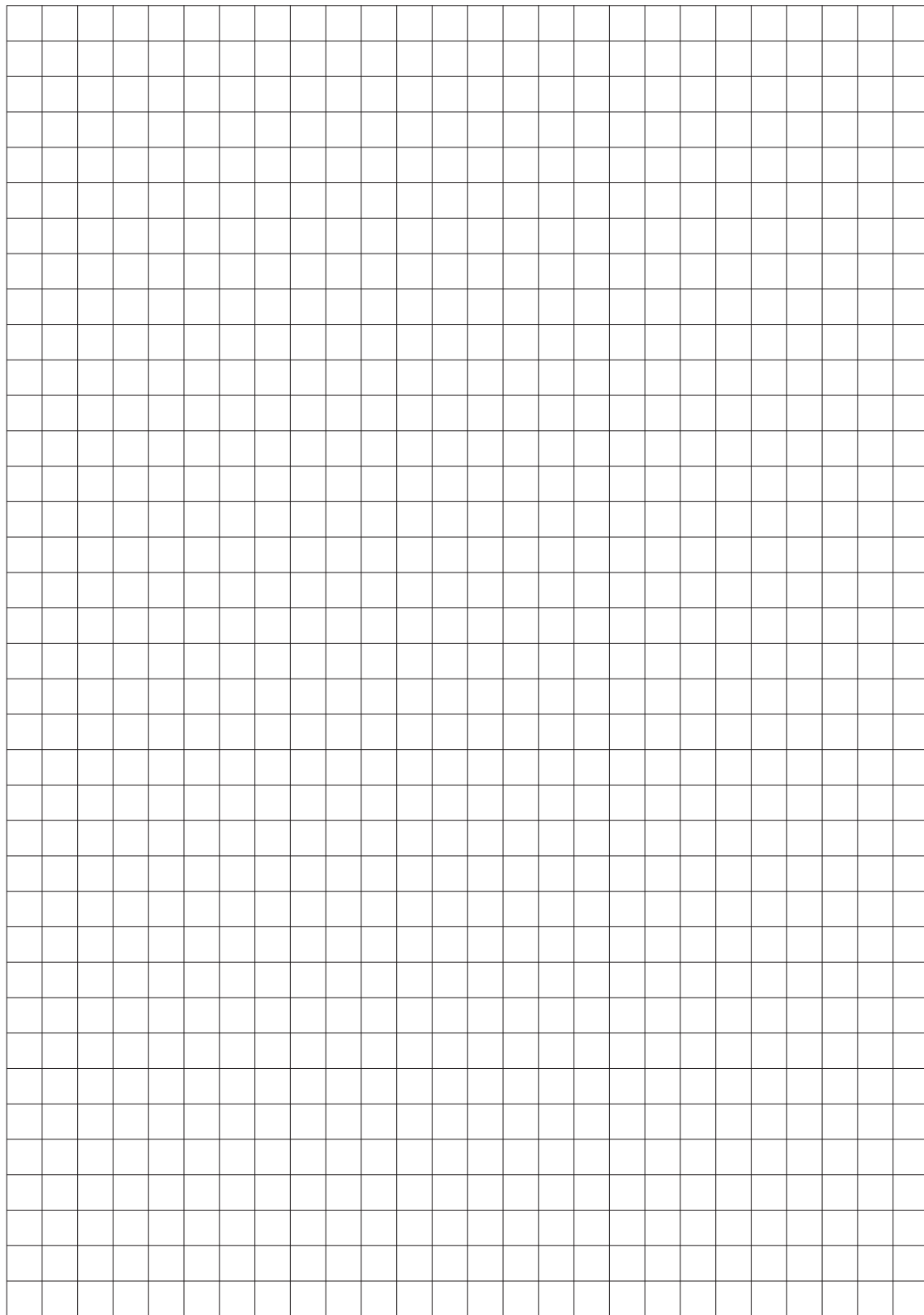
Einschläger / Nail Inserter  
Introducer clavos / Impattatore  
34612-00



Impactor  
34613-00



Impactor-Extractor  
Impattatore-Estrattore  
34617-00



Schraubenzieher  
Screw Drivers  
Destornilladores  
Cacciaviti

6 mm



LANE  
34620-25 25 cm, 10"

3,5 mm



34624-01



34624-02



34624-03



WILLIAMS  
24 cm, 9 1/2"



mit Ferrozellgriff  
with Ferrozell handle  
con mango de Ferrozell  
con manico di Ferrozell



34628-01  
25 cm, 10"



34628-02  
25 cm, 10"



PHILIPS  
34629-01  
25 cm, 10"



1,5 mm

34628-15  
20 cm, 8"



2,5 mm

34628-25  
25 cm, 10"



3,5 mm

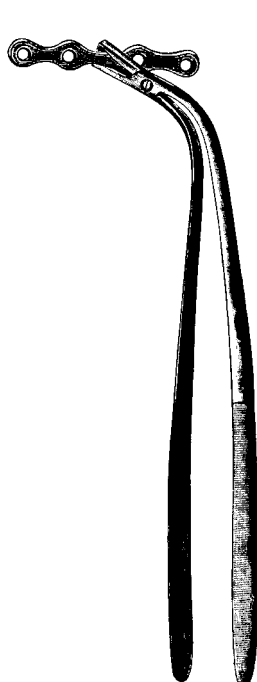
34628-35  
25 cm, 10"

Schraubenzieher  
Screw Drivers  
Destornilladores  
Cacciaviti



LANE  
34632-25 25 cm, 10"  
Kreuzschlitzschraubenzieher  
Screwdriver for cross slotted head  
Destornillador para tornillos con ranura en cruz  
Cacciavite a croce

Haltezangen, Biegehebel  
Holding Forceps, Bender  
Pinzas para sostener placas y tornillos, Palanca  
Pinza portaplacca, leva piega placche



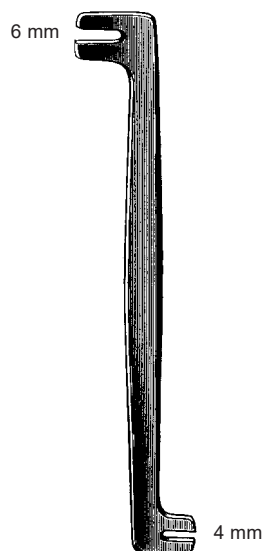
LANE  
34637-23 23 cm, 9"

Knochenplatten-Haltezange  
Plate Holding Forceps  
Pinza para sostener placas  
Pinza portaplacche



LANE  
34639-22 22 cm, 8 3/4"

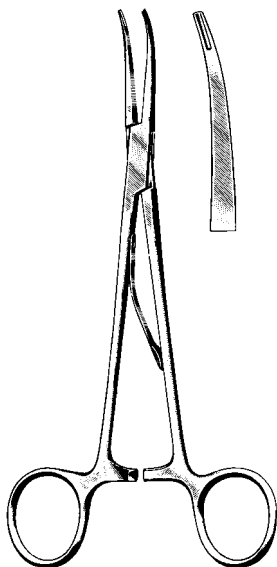
Schraubenhaltezange  
Screw Holding Forceps  
Pinza para sostener tornillos  
Pinza portaviti



LANE  
34640-18 25 cm, 10"

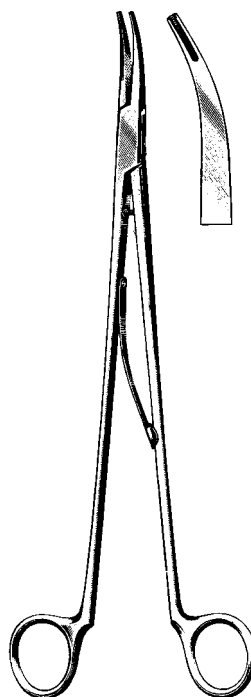
Biegehebel f. Knochenplatten  
Plate Bender  
Palanca para doblar placas  
Leva piegaplacche

Anlegezangen, Silberklammern  
 Applying Fcps. Clips  
 Pinzas aplicadoras, Grapas  
 Pinza per applicare, Agrafes



McKENZIE

41011-15 15 cm, 6"  
 41011-19 19 cm, 7 1/2"

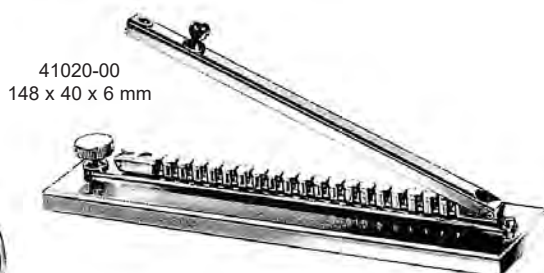


SMITHWICK

41015-23 23 cm, 9"  
 41015-26 26 cm, 10 1/4"

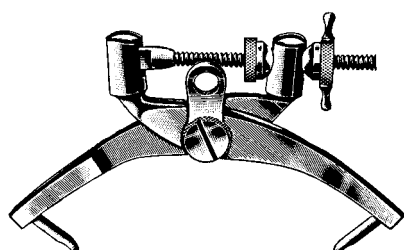


OLIVECRONA-TOENNIS  
 41019-14



41020-00  
 148 x 40 x 6 mm

Schädelhalter, Kopfhautklammer, Anlegezange  
Cervical Traction Tongs, Clips, Applying Forceps  
Pinzas de tracción cranial, Clips, Pinza para aplicar clips  
Pinze per trazione craniale, Pinza per applicare



CRUTCHFIELD  
41025-01



CRUTCHFIELD  
41025-02



41026-35  
3,5 mm Ø

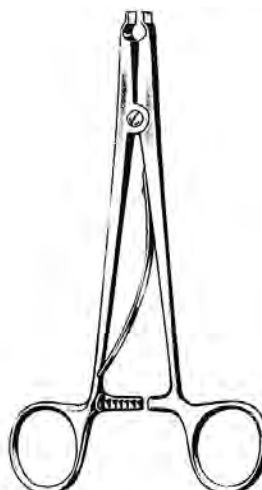


41026-50  
5 mm Ø

Stainless steel  
Acciaio inox



RANEY  
41027-00



RANEY  
41028-00 16 cm, 6 1/4"

Nervhaken, Durahaken  
Nerve Hooks, Dura Hooks  
Ganchos para nervios y para dura-madre  
Unicini per nervi e per dura-madre



DANDY  
41051-20  
20 cm, 8"



DANDY  
41052-20  
20 cm, 8"



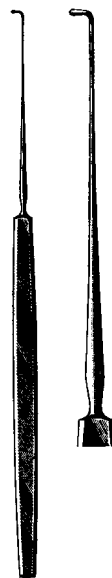
DANDY  
41053-20  
20 cm, 8"

6 mm



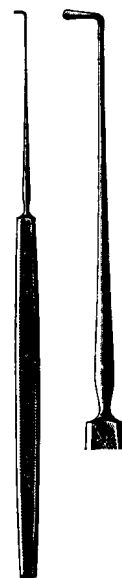
CRILE  
41054-20  
20 cm, 8"

Fig. 1, 8 mm



CUSHING  
41056-18 18 cm, 7"  
41056-28 28 cm, 11"

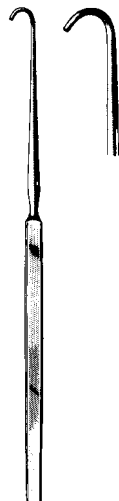
Fig. 2, 10 mm



CUSHING  
41058-18 18 cm, 7"  
41058-28 28 cm, 11"



Nervhaken, Durahaken  
Nerve Hooks, Dura Hooks  
Ganchos para nervios y para dura-madre  
Unicini per nervi e per dura-madre



GRAHAM  
41061-16  
16,5 cm, 6 1/2"



SACHS  
41064-16  
18,5 cm, 7 1/4"



ADSON  
41068-20  
20 cm, 8"

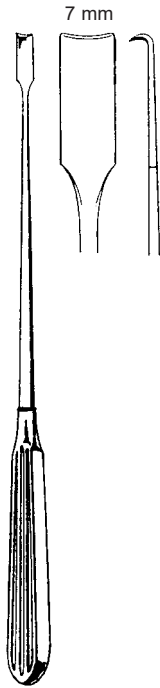


ADSON  
41069-20  
20 cm, 8"



SMITHWICK  
41070-29  
29 cm, 11,4"

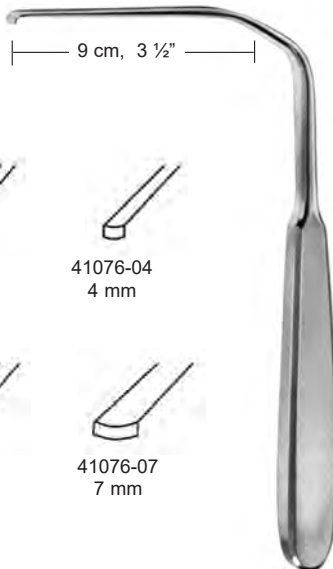
Nervwurzelhaken  
Nerve Root Retractors  
Separadores de raíz de nervios  
Uncini per le radici dei nervi



SCOVILLE  
41074-23  
23 cm, 9"



HOLSHER  
41075-24  
24 cm, 9 ½"



HESS  
17,5 cm, 7"



41076-03  
3 mm



41076-04  
4 mm

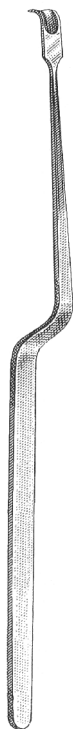


41076-05  
5 mm



41076-07  
7 mm

Nervwurzelhaken  
Nerve Root Retractors  
Separadores de raíz de nervios  
Uncini per le radici dei nervi

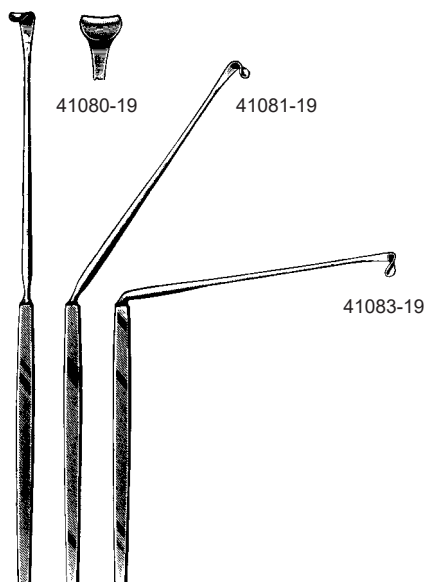


D'ERRICO  
41078-23  
23 cm, 9"

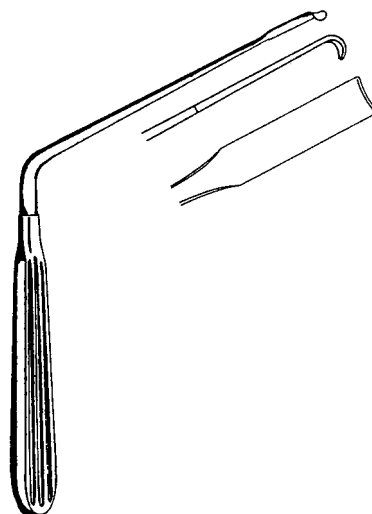


LOVE  
41079-21  
21 cm, 8 1/4"

Nervwurzelhaken, Galeahaken  
 Nerve Root Retractors, Galea Hooks  
 Separadores de raíz de nervios, Gancho para galea  
 Uncini per le radici dei nervi, Uncini galea



LOVE  
 41080-19 – 41083-19  
 19 cm, 7 1/2"



SCOVILLE  
 41085-20  
 20 cm, 8"



DeMARTEL  
 41090-33  
 33 cm, 13"



Galeahaken  
 Galea Hooks  
 Gancho p/galea  
 Gancio p/galea

Ø 7 mm

4 mm

YASARGIL  
 41091-31  
 31 cm, 12 1/4"



Ø 9 mm

6 mm

YASARGIL  
 41091-41  
 41 cm, 16"

Schädelstanze  
Cranial Punch  
Pinzas sacabocado craneal  
Pinza per craniotomia



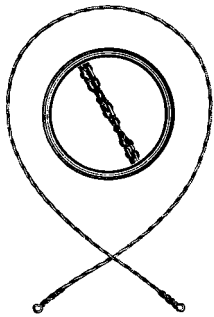
CONE  
41097-22  
22,5 cm 9"

Drahtsägen, Schädelzange, Dura Dissektoren

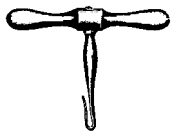
Wire Saws, Skull Punches, Dura Dissectors

Sierras de hilo, Pinzas sacabocado craneal, Elevadores para la duramadre

Fili sega, Pinza per craniotomia, Scollatori per duramadre



| OLIVECRONA | cm          |
|------------|-------------|
| 41092-30   | 30, 11 3/4" |
| 41092-40   | 40, 15 3/4" |
| 41092-50   | 50, 19 3/4" |
| 41092-60   | 60, 23 3/4" |
| 41092-70   | 70, 27 1/2" |



GIGLI  
41094-00  
Drahtsägen-Handgriff  
Wire Saw Handle  
Mango de gancho  
Manico con uncino



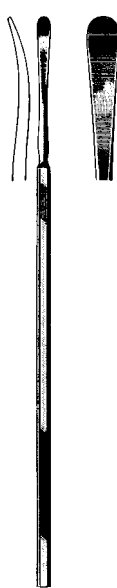
DeVILBISS  
41096-21  
21 cm, 8 1/4"



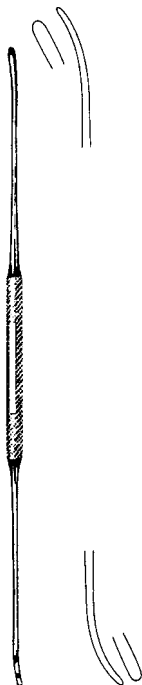
TOENNIS  
41141-25  
25 cm, 10"



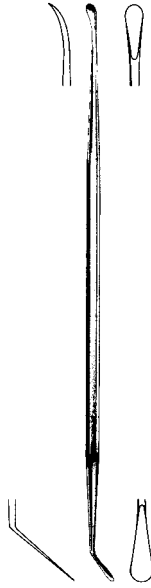
SACHS  
41143-21  
21 cm, 8 1/4"



SACHS  
41145-21  
21 cm, 8 1/4"



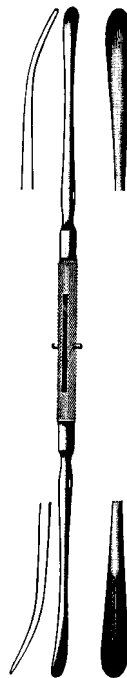
OLIVECRONA  
41146-18 18 cm, 7"  
41146-24 24 cm, 9 1/2"



MILLIGAN  
41147-21  
21 cm, 8 1/4"

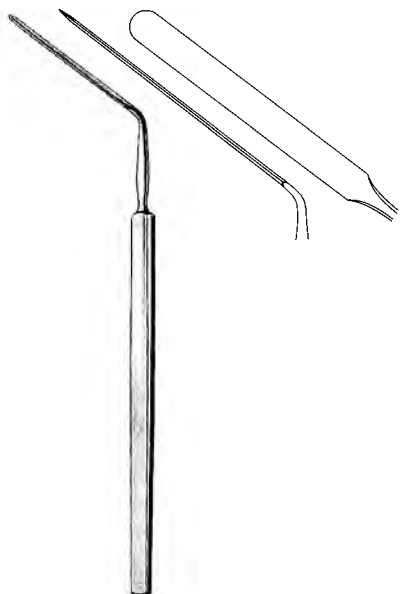


41149-22  
22 cm, 8 3/4"



DAVIS  
41151-24  
24 cm, 9 1/2"

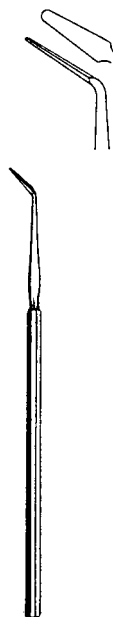
Dura Dissektoren  
Dura Dissectors  
Elevadores  
Scollatori



HORSLEY  
41155-20  
20 cm, 8"



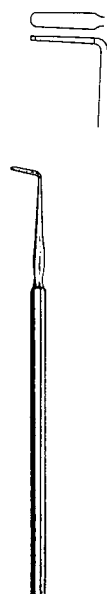
WOODSON  
41156-18  
18 cm, 7"



FRAZIER  
41158-01  
15 cm, 6"



HOEN  
41158-02  
15 cm, 6"



HOEN  
41158-03  
15 cm, 6"



PENFIELD  
41161-01  
17,5 cm, 6,9"



PENFIELD  
41161-02  
19,5 cm, 7 3/4"



PENFIELD  
41161-03  
19,5 cm, 7 3/4"



**PENFIELD**  
**41161-04**  
21,5 cm, 8 1/2"



PENFIELD  
41161-05  
29 cm 11,4"

Hypophyse Pinzetten, Küretten  
Hypophyseal Forceps, Curette  
Pinzas para hipófisis, Curetas  
Pinze per ipofisi, Curette



ADSON  
41210-23  
23 cm, 9"



ADSON  
41211-23  
23 cm, 9"



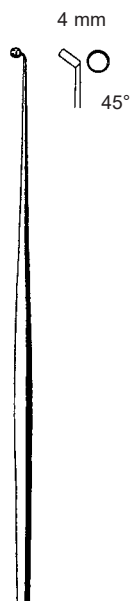
ADSON  
41213-23  
23 cm, 9"



RAY  
41221-00  
19 cm, 7 1/2"



RAY  
41222-00  
19 cm, 7 1/2"



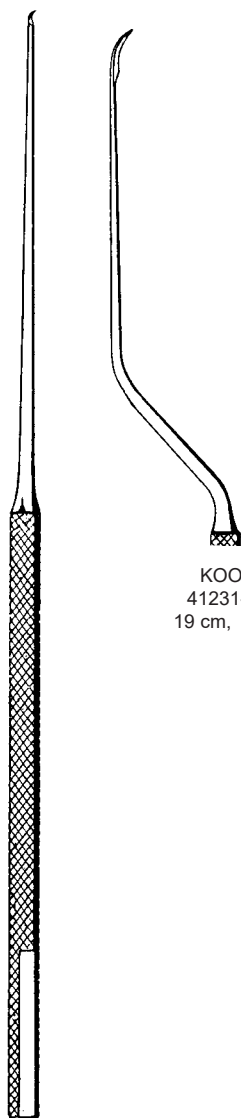
RAY  
41223-00  
19 cm, 7 1/2"



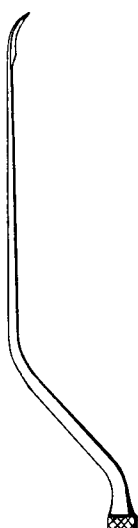
RAY  
41224-00  
19 cm, 7 1/2"



Gefäß-Messer, Haken, Sonden  
 Vessel-Knives, Hooks, Probes  
 Bisturies, Ganchos, Sondas  
 Bisturi, Uncino, Sonde



KOOS  
 41231-19  
 19 cm, 7 1/2"



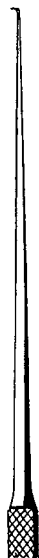
90°  
 2,5 mm  
 spitz  
 pointed  
 agudas  
 acute



FISCH  
 41236-19  
 19 cm, 7 1/2"

Durahaken  
 Dura Hook  
 Ganchito para dura-madre  
 Uncino dura madre

90°  
 1,5 mm  
 spitz  
 pointed  
 agudas  
 acute



FISCH  
 41237-19  
 19 cm, 7 1/2"

Feines Häkchen  
 Delicate Hook  
 Ganchito muy fino  
 Uncino molto fino



JACOBSON  
 41238-19  
 19 cm, 7 1/2"

Knopfsonde  
 Buttoned Probe  
 Sonda abotonada  
 Sonda bottonuta



JACOBSON  
 41239-19cm  
 19 cm, 7 1/2"

Doppelsonde  
 Twin Probe  
 Sonda doble  
 Sonda doppia

JACOBSON  
 41230-19  
 19 cm, 7 1/2"

Nervhäkchen, Hirnspatel, Saugrohre  
 Nerve Hooks, Brain Spatulas, Suction Tubes  
 Ganchos para nervios, Espatulas cerebrales, Tubos de aspiración  
 Uncini per nervi, Spatole cerebrali, Tubi aspirazioni



KRAYENBÜHL  
 41242-19  
 19 cm, 7 1/2"



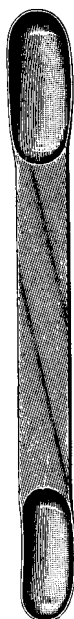
KRAYENBÜHL  
 41243-19  
 19 cm, 7 1/2"



KRAYENBÜHL  
 41244-19  
 19 cm, 7 1/2"

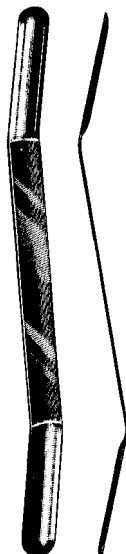


KRAYENBÜHL  
 41245-19  
 19 cm, 7 1/2"



CUSHING  
 18 cm, 7"  
 41250-11 8x10 mm  
 41250-15 13x15 mm  
 41250-18 16x18 mm

konkav  
 concave  
 cóncavo  
 concavi



OLIVECRONA  
 18 cm, 7" mm  
 41253-07 7/ 9  
 41253-11 11/13  
 41253-15 15/18  
 41253-18 18/22



BARON  
 41299-03 3FR 1,0 mm  
 41299-05 5FR 1,6 mm  
 41299-07 7FR 2,3 mm

Hirnspatel, Saugrohre, Punktionskanüle  
Brain Spatulas, Suction Tubes, Puncture Cannulas  
Espatulas cerebrales, Tubos de aspiración, Tubo de punción  
Spatole cerebrali, Tubi aspirazioni, cannula per punzione



biegsam  
malleable  
maleable  
malleabile

|          |             |
|----------|-------------|
| DAVIS    | 18 cm, 7"   |
| 41254-06 | 6 mm, ¼"    |
| 41254-10 | 9 mm, ⅜"    |
| 41254-13 | 13 mm, ½"   |
| 41254-16 | 16 mm, ⅝"   |
| 41254-19 | 19 mm, ¾"   |
| 41254-25 | 25 mm, 1"   |
| 41254-32 | 32 mm, 1 ¼" |
| 41254-38 | 38 mm, 1 ½" |

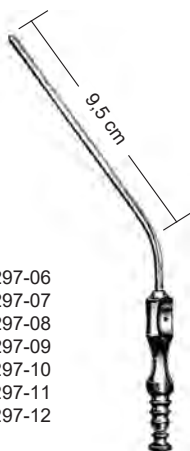


ADSON  
41290-21  
21 cm, 8 ¼"  
ø 4 mm



isoliert  
isolated  
isolada  
isolato

FERGUSSON  
41294-40  
18 cm, 7"  
ø 4 mm, 90°



| mm    | Charr. | F.G.     | 30° | 75°      |
|-------|--------|----------|-----|----------|
| Ø 1,7 | 5      | 41295-05 |     |          |
| Ø 2,0 | 6      | 41295-06 |     | 41297-06 |
| Ø 2,3 | 7      | 41295-07 |     | 41297-07 |
| Ø 2,7 | 8      | 41295-08 |     | 41297-08 |
| Ø 3,0 | 9      | 41295-09 |     | 41297-09 |
| Ø 3,3 | 10     | 41295-10 |     | 41297-10 |
| Ø 3,7 | 11     | 41295-11 |     | 41297-11 |
| Ø 4,0 | 12     | 41295-12 |     | 41297-12 |
| Ø 5,0 | 15     | 41295-15 |     |          |

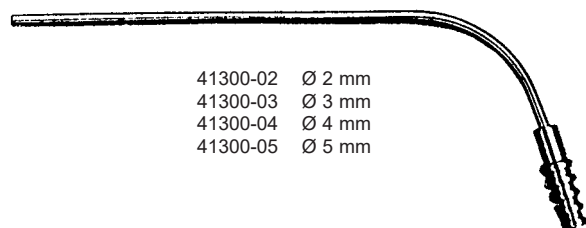
FRAZIER / FERGUSSON  
41295-06 – 41297-12  
19 cm, 7 ½"



FRAZIER / FERGUSSON  
41298-12  
12 cm, 4 ¾" / 3 mm

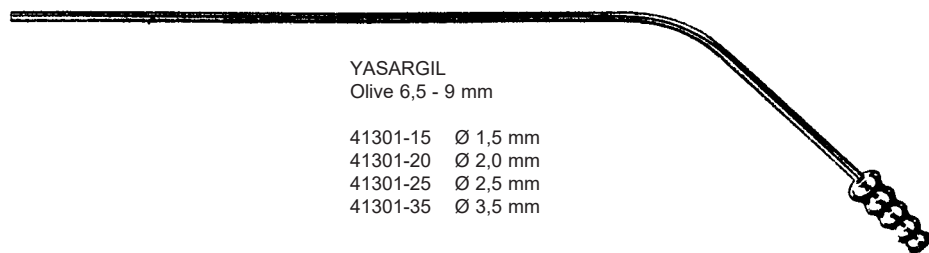
Saugrohre  
Suction Tubes  
Tubos de aspiración  
Tubi aspirazioni

11 cm, 4,4"



41300-02 Ø 2 mm  
41300-03 Ø 3 mm  
41300-04 Ø 4 mm  
41300-05 Ø 5 mm

15 cm, 6"



YASARGIL  
Olive 6,5 - 9 mm

41301-15 Ø 1,5 mm  
41301-20 Ø 2,0 mm  
41301-25 Ø 2,5 mm  
41301-35 Ø 3,5 mm



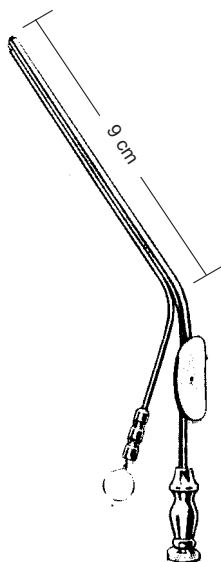
ZÖLLNER  
41302-02



0,5 mm Ø 41306-05  
0,7 mm Ø 41306-07  
0,9 mm Ø 41306-09  
1,2 mm Ø 41306-12

Kanüle für Sauggriff für ZÖLLNER und WULLSTEIN  
Tip for Suction Handle for ZÖLLNER and WULLSTEIN  
Cánula para mango t ZÖLLNER y WULLSTEIN  
Cannula per manico di aspirazione t ZÖLLNER e WULLSTEIN

Saugrohre  
Suction Tubes  
Tubos de aspiración  
Tubi aspirazioni



HOUSE

9 cm, 3 1/2"

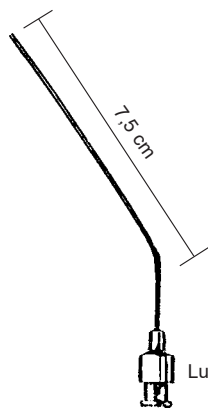
|          |                |
|----------|----------------|
| 41303-09 | Ø 0,9 x 0,7 mm |
| 41303-12 | Ø 1,2 x 0,9 mm |
| 41303-15 | Ø 1,5 x 1,2 mm |
| 41303-18 | Ø 1,8 x 1,8 mm |
| 41303-25 | Ø 2,5 x 2,0 mm |
| 41303-30 | Ø 3,0 x 2,0 mm |
| 41303-45 | Ø 4,5 x 2,0 mm |

Saugrohre, Saugkanülen  
 Suction Tubes, Suction Cannulae  
 Tubos de aspiración, Cánulas para aspiración  
 Tubi aspirazioni, Cannule per aspirazione



Sauggriff  
 Suction Handle  
 Mango de aspiración  
 Manico per aspirazione

WULLSTEIN  
 41307-00



Kanüle für Sauggriff  
 Tip for Suction Handle  
 Cánula para mango  
 Cannula per manico  
 di aspirazione

Luer-Lock

ROSEN  
 10 cm, 4"

|                   |                   |
|-------------------|-------------------|
| 0,5 mm Ø 41305-05 | 1,2 mm Ø 41305-12 |
| 0,6 mm Ø 41305-06 | 1,5 mm Ø 41305-15 |
| 0,7 mm Ø 41305-07 | 1,8 mm Ø 41305-18 |
| 0,8 mm Ø 41305-08 | 2,0 mm Ø 41305-20 |
| 0,9 mm Ø 41305-09 | 2,5 mm Ø 41305-25 |
| 1,0 mm Ø 41305-10 | 3,0 mm Ø 41305-30 |

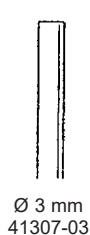


Charr. 6 41304-06 Ø 2,0 mm  
 Charr. 8 41304-08 Ø 2,5 mm  
 Charr. 10 41304-10 Ø 3,0 mm

PLESTER  
 30°



biegsam  
 malleable  
 maleable  
 malleabile



Ø 3 mm  
 41307-03



Ø 4 mm  
 41307-04



Ø 5 mm  
 41307-05



Ø 6 mm  
 41307-06

SCHMID  
 15 cm, 6"

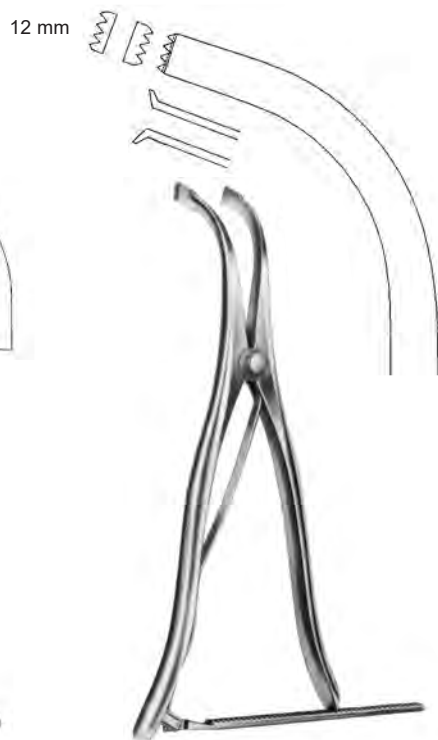
Wirbelkörperspreizer  
Lamina Spreaders  
Separadores para cuerpos vertebrales  
Divaricatori per corpi vertebrali



CLOWARD  
41401-16  
16 cm, 6 ¼"



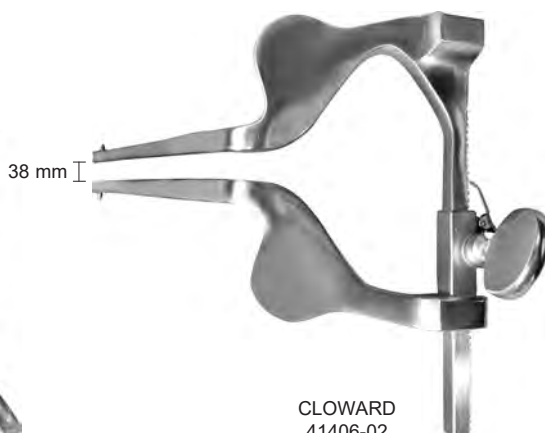
INGE  
41405-17  
17 cm, 6 ¾"



INGE  
41405-27  
27 cm, 10 ½"

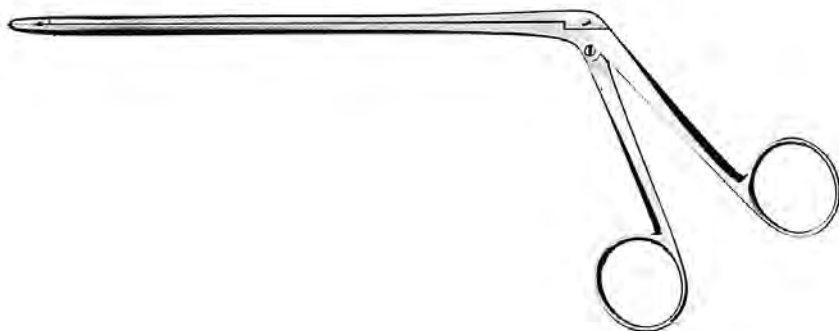


CLOWARD  
41406-01  
12,5 cm, 5"



CLOWARD  
41406-02  
7,6 cm, 3"

Laminektomie Zangen  
 Laminectomy Rongeurs  
 Pinzas cortantes para laminectomia  
 Pinze taglienti per laminectomia



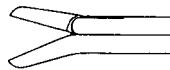
**CUSHING**  
 2 mm



|          |         |
|----------|---------|
| 2x10 mm  | L       |
| 41420-01 | 12,5 cm |
| 41421-01 | 15,0 cm |
| 41422-01 | 18,0 cm |



|             |         |
|-------------|---------|
| 2x10 mm/45° | L       |
| 41420-02    | 12,5 cm |
| 41421-02    | 15,0 cm |
| 41422-02    | 18,0 cm |



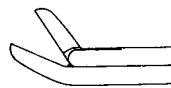
|             |         |
|-------------|---------|
| 2x10 mm/45° | L       |
| 41420-03    | 12,5 cm |
| 41421-03    | 15,0 cm |
| 41422-03    | 18,0 cm |

**LOVE-GRUENWALD**

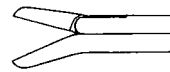
3 mm



|          |         |
|----------|---------|
| 3x10 mm  | L       |
| 41430-01 | 12,5 cm |
| 41431-01 | 15,0 cm |
| 41432-01 | 18,0 cm |



|             |         |
|-------------|---------|
| 3x10 mm/45° | L       |
| 41430-02    | 12,5 cm |
| 41431-02    | 15,0 cm |
| 41432-02    | 18,0 cm |



|             |         |
|-------------|---------|
| 3x10 mm/45° | L       |
| 41430-03    | 12,5 cm |
| 41431-03    | 15,0 cm |
| 41432-03    | 18,0 cm |

**SPURLING**

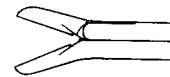
4 mm



|          |         |
|----------|---------|
| 4x10 mm  | L       |
| 41440-01 | 12,5 cm |
| 41441-01 | 15,0 cm |
| 41442-01 | 18,0 cm |



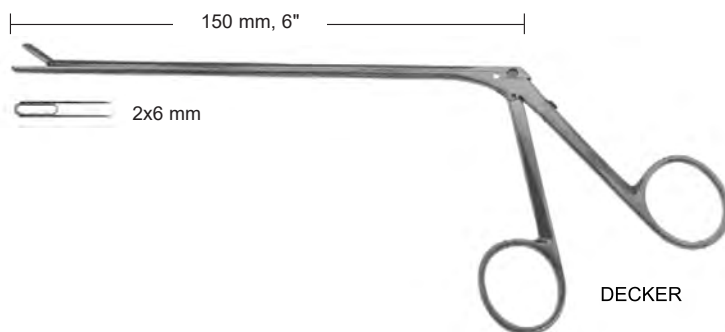
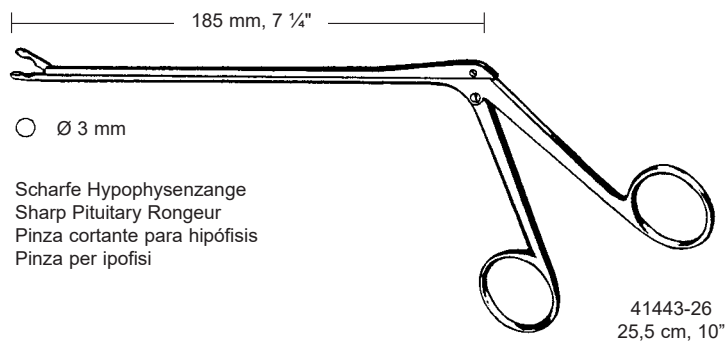
|             |         |
|-------------|---------|
| 4x10 mm/45° | L       |
| 41440-02    | 12,5 cm |
| 41441-02    | 15,0 cm |
| 41442-02    | 18,0 cm |



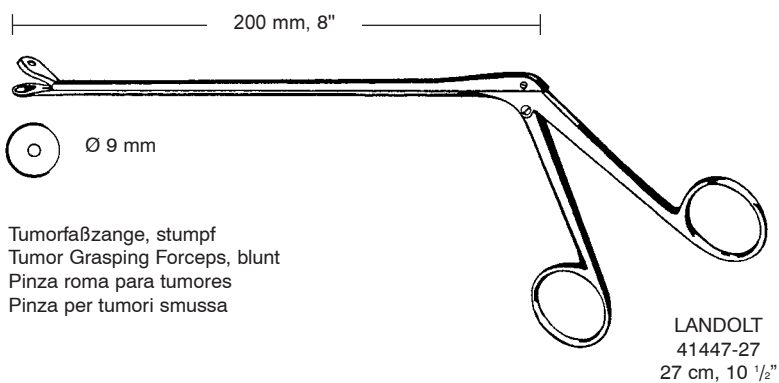
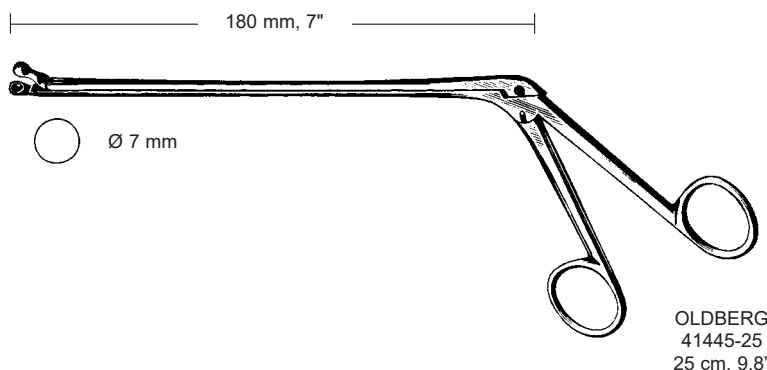
|             |         |
|-------------|---------|
| 4x10 mm/45° | L       |
| 41440-03    | 12,5 cm |
| 41441-03    | 15,0 cm |
| 41442-03    | 18,0 cm |

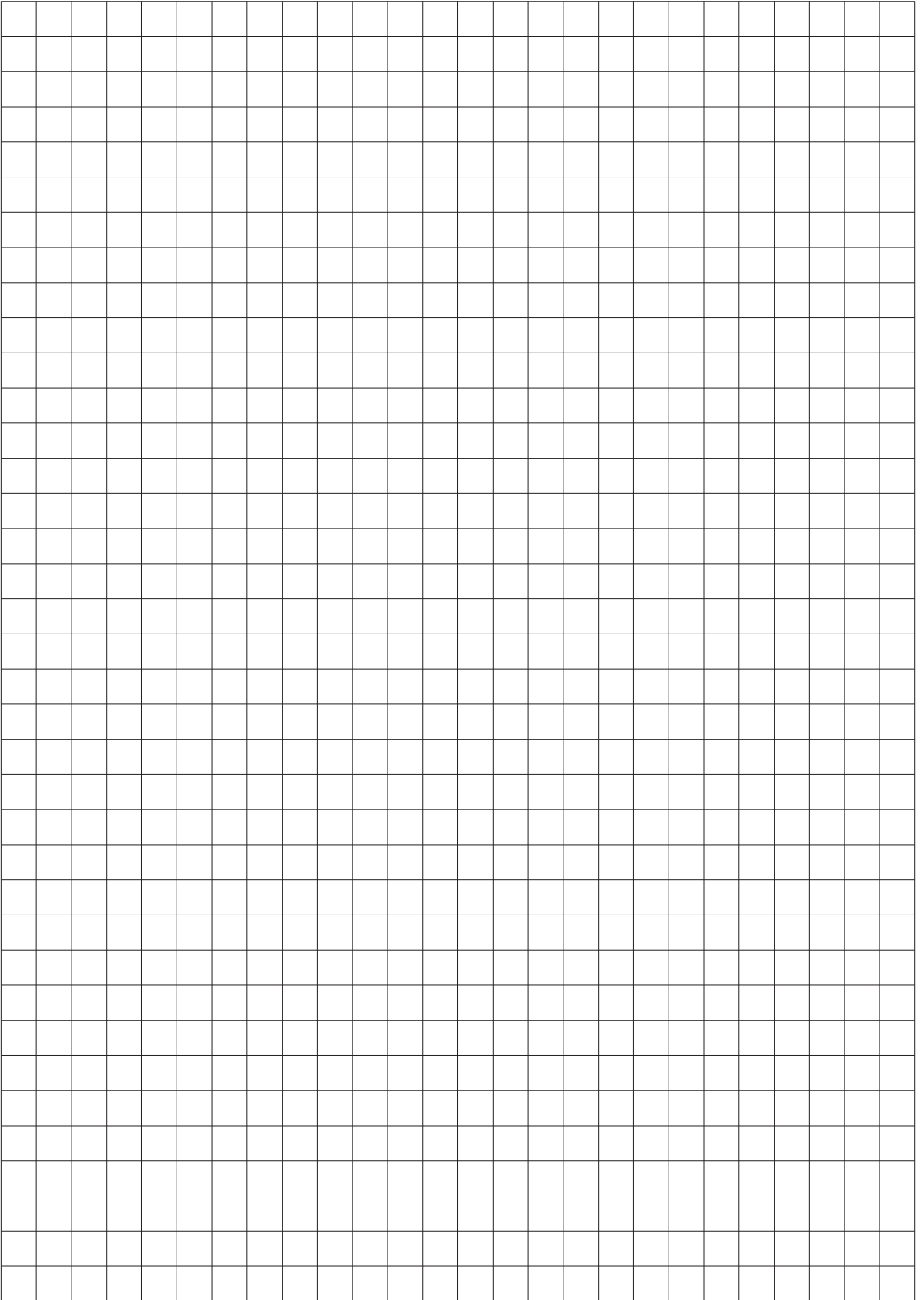


Laminektomie Zangen  
Laminectomy Rongeurs  
Pinzas cortantes para laminectomia  
Pinze taglianti per laminectomia

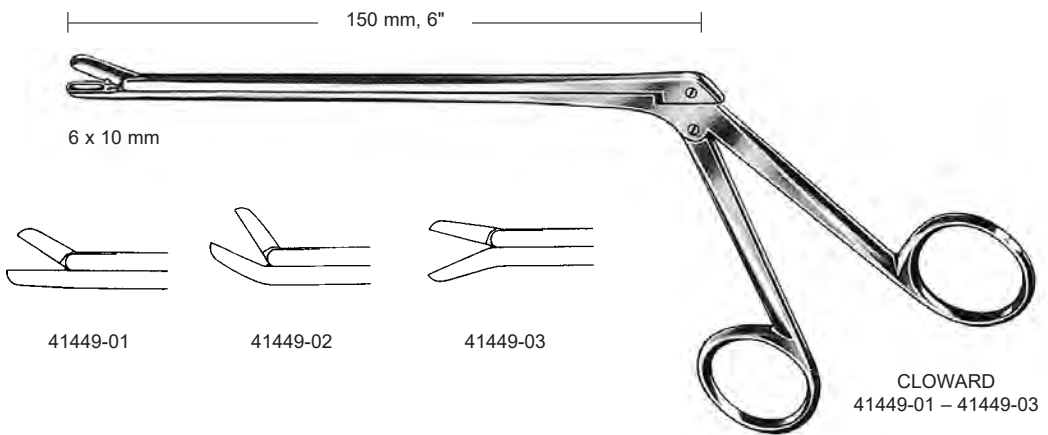
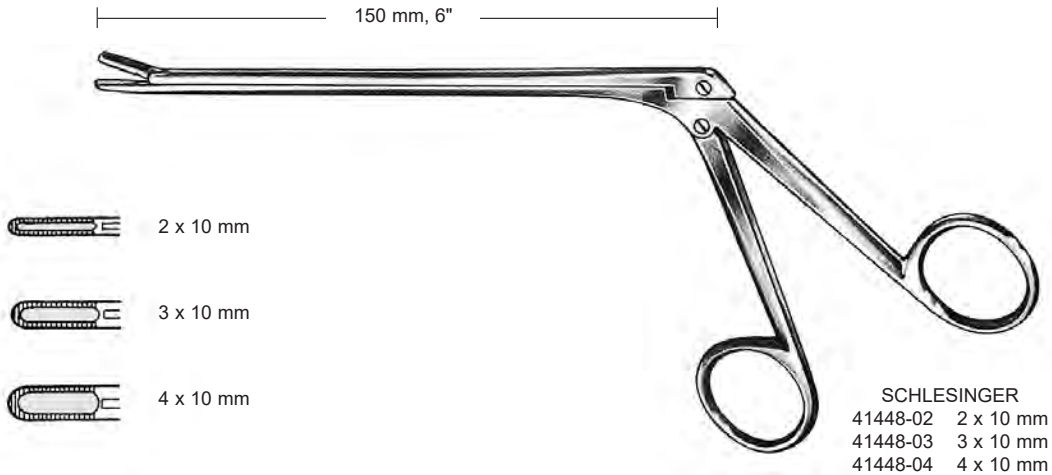


Laminektomie Zangen  
 Laminectomy Rongeurs  
 Pinzas cortantes para laminectomia  
 Pinze taglianti per laminectomia

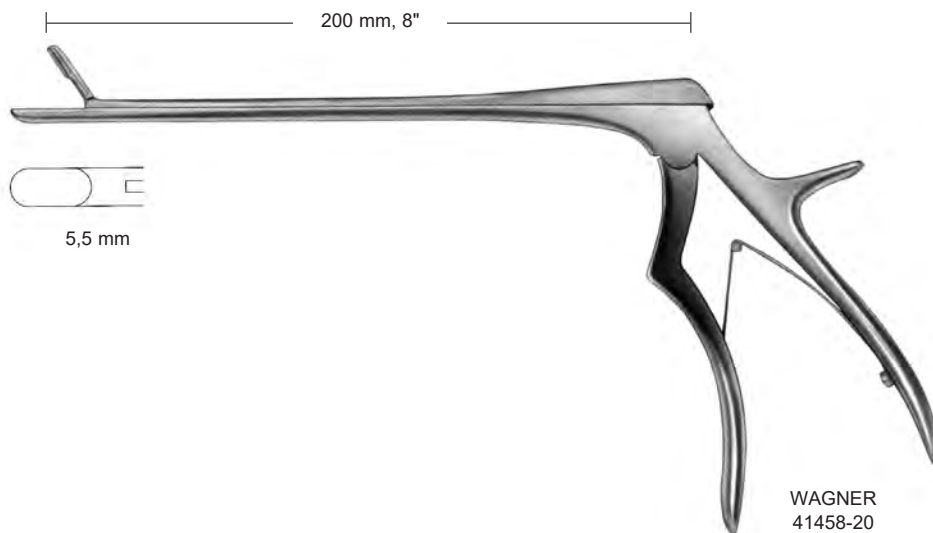
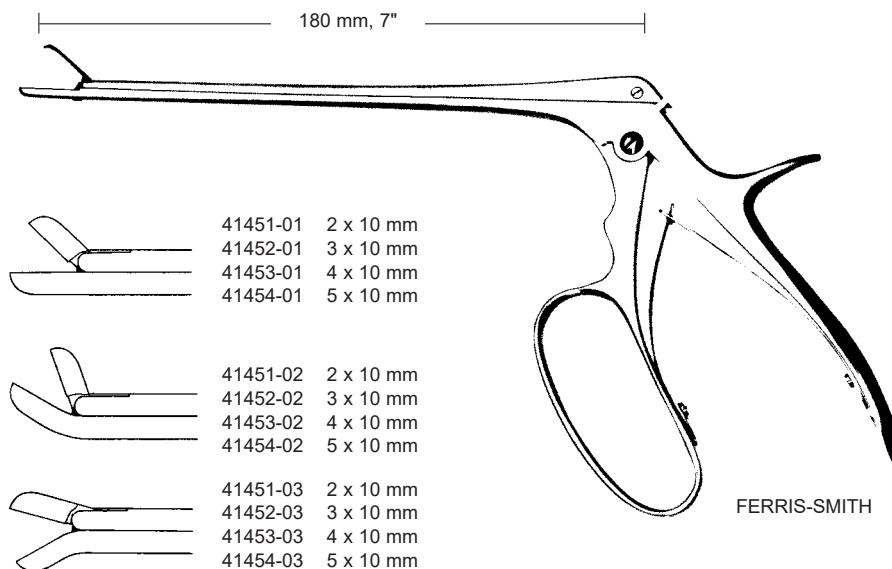




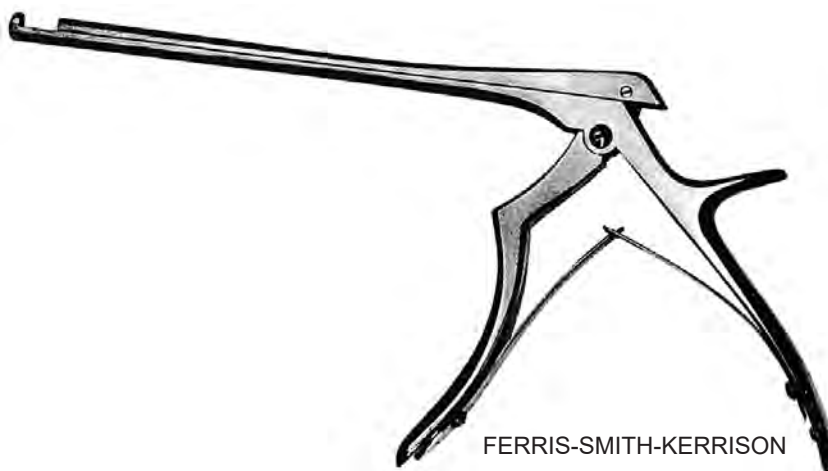
Laminektomie Zangen  
 Laminectomy Rongeurs  
 Pinzas cortantes para laminectomia  
 Pinze taglienti per laminectomia



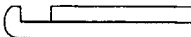
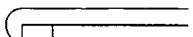
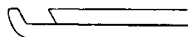
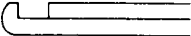
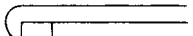
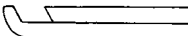
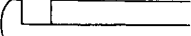
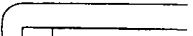
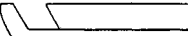
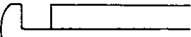
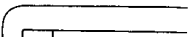
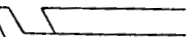
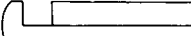
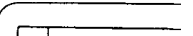
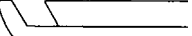
Laminektomie Zangen  
Laminectomy Rongeurs  
Pinzas cortantes para laminectomia  
Pinze taglianti per laminectomia



Bandscheibenstanzen  
 Intervertebral Disc Rongeurs  
 Pinzas sacabocado para discos intervertebrales  
 Pinze taglianti per dischi intervertebrali

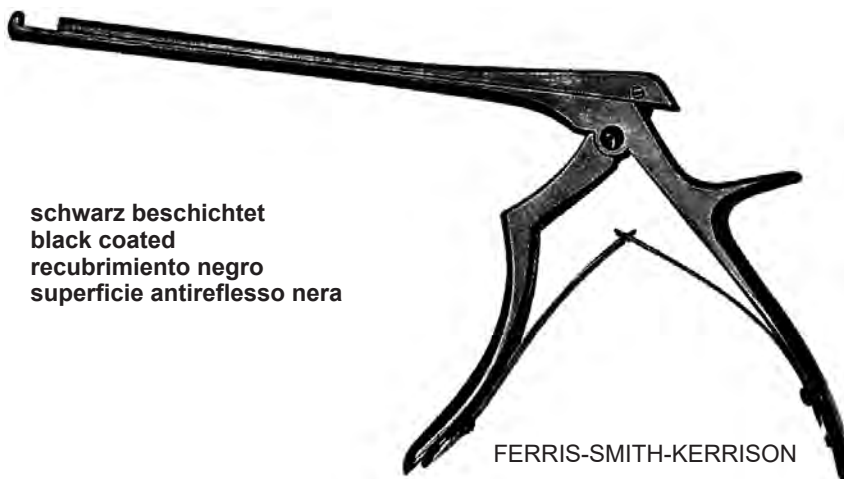


FERRIS-SMITH-KERRISON

|           | 90°                                                                                 |  | 90°                                                                                 |  | 45°                                                                                  |  |
|-----------|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|
|           |    |  |    |  |    |  |
| 18 cm, 7" | 41510-01 1 mm                                                                       |  | 41511-01 1 mm                                                                       |  | 41512-01 1 mm                                                                        |  |
| 20 cm, 8" | 41513-01 1 mm                                                                       |  | 41514-01 1 mm                                                                       |  | 41515-01 1 mm                                                                        |  |
| 23 cm, 9" | 41513-01-23 1 mm                                                                    |  | 41514-01-23 1 mm                                                                    |  | 41515-01-23 1 mm                                                                     |  |
|           |    |  |    |  |    |  |
| 18 cm, 7" | 41510-02 2 mm                                                                       |  | 41511-02 2 mm                                                                       |  | 41512-02 2 mm                                                                        |  |
| 20 cm, 8" | 41513-02 2 mm                                                                       |  | 41514-02 2 mm                                                                       |  | 41515-02 2 mm                                                                        |  |
| 23 cm, 9" | 41513-02-23 2 mm                                                                    |  | 41514-02-23 2 mm                                                                    |  | 41515-02-23 2 mm                                                                     |  |
|           |  |  |  |  |  |  |
| 18 cm, 7" | 41510-03 3 mm                                                                       |  | 41511-03 3 mm                                                                       |  | 41512-03 3 mm                                                                        |  |
| 20 cm, 8" | 41513-03 3 mm                                                                       |  | 41514-03 3 mm                                                                       |  | 41515-03 3 mm                                                                        |  |
| 23 cm, 9" | 41513-03-23 3 mm                                                                    |  | 41514-03-23 3 mm                                                                    |  | 41515-03-23 3 mm                                                                     |  |
|           |  |  |  |  |  |  |
| 18 cm, 7" | 41510-04 4 mm                                                                       |  | 41511-04 4 mm                                                                       |  | 41512-04 4 mm                                                                        |  |
| 20 cm, 8" | 41513-04 4 mm                                                                       |  | 41514-04 4 mm                                                                       |  | 41515-04 4 mm                                                                        |  |
| 23 cm, 9" | 41513-04-23 4 mm                                                                    |  | 41514-04-23 4 mm                                                                    |  | 41515-04-23 4 mm                                                                     |  |
|           |  |  |  |  |  |  |
| 18 cm, 7" | 41510-05 5 mm                                                                       |  | 41511-05 5 mm                                                                       |  | 41512-05 5 mm                                                                        |  |
| 20 cm, 8" | 41513-05 5 mm                                                                       |  | 41514-05 5 mm                                                                       |  | 41515-05 5 mm                                                                        |  |
| 23 cm, 9" | 41513-05-23 5 mm                                                                    |  | 41514-05-23 5 mm                                                                    |  | 41515-05-23 5 mm                                                                     |  |

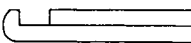
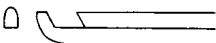
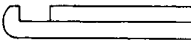
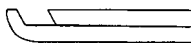
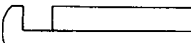
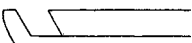
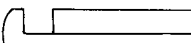
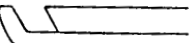
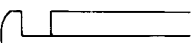
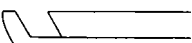
auch lieferbar mit Dünfuß und/oder mit Auswerfer  
 also available with thin foot plate and/or with ejector  
 tambien disponible con lámina de punzonar estrecha y/o con expulsor  
 anche disponibile con morso sottile e/o con espulsore

Bandscheibenstanzen  
Intervertebral Disc Rongeurs  
Pinzas sacabocado para discos intervertebrales  
Pinze taglienti per dischi intervertebrali



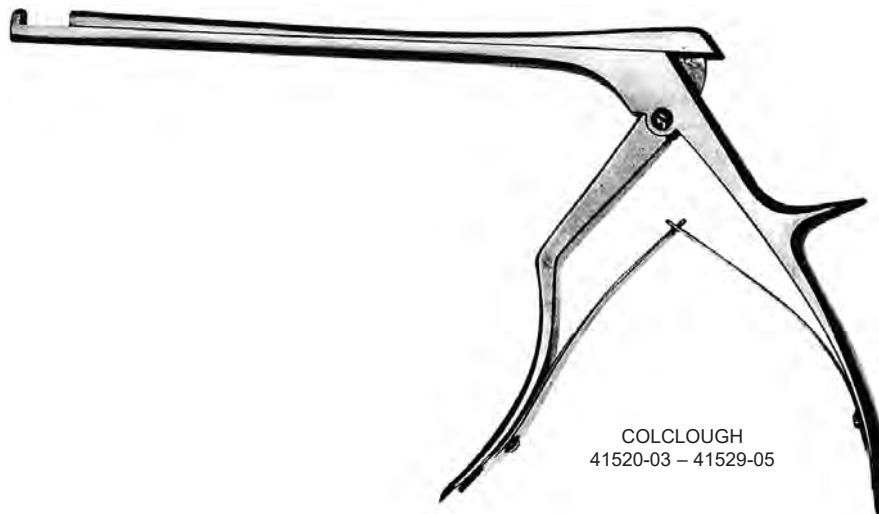
schwarz beschichtet  
black coated  
recubrimiento negro  
superficie antireflesso nera

FERRIS-SMITH-KERRISON

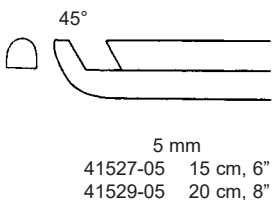
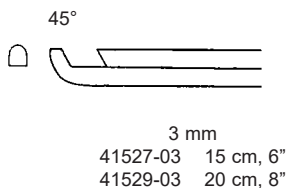
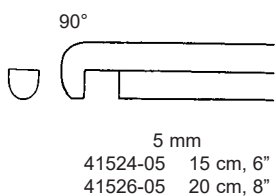
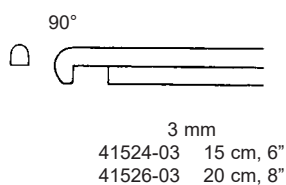
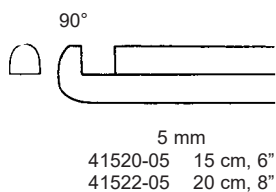
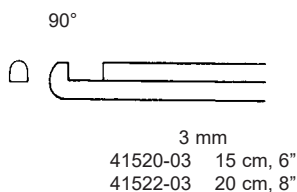
| 90°       |                                                                                     |      | 45°                                                                                  |      |  |
|-----------|-------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------|------|--|
|           |    |      |    |      |  |
| 18 cm, 7" | 41510-01B                                                                           | 1 mm | 41512-01B                                                                            | 1 mm |  |
| 20 cm, 8" | 41513-01B                                                                           | 1 mm | 41515-01B                                                                            | 1 mm |  |
| 23 cm, 9" | 41513-01-23B                                                                        | 1 mm | 41515-01-23B                                                                         | 1 mm |  |
|           |    |      |    |      |  |
| 18 cm, 7" | 41510-02B                                                                           | 2 mm | 41512-02B                                                                            | 2 mm |  |
| 20 cm, 8" | 41513-02B                                                                           | 2 mm | 41515-02B                                                                            | 2 mm |  |
| 23 cm, 9" | 41513-02-23B                                                                        | 2 mm | 41515-02-23B                                                                         | 2 mm |  |
|           |  |      |  |      |  |
| 18 cm, 7" | 41510-03B                                                                           | 3 mm | 41512-03B                                                                            | 3 mm |  |
| 20 cm, 8" | 41513-03B                                                                           | 3 mm | 41515-03B                                                                            | 3 mm |  |
| 23 cm, 9" | 41513-03-23B                                                                        | 3 mm | 41515-03-23B                                                                         | 3 mm |  |
|           |  |      |  |      |  |
| 18 cm, 7" | 41510-04B                                                                           | 4 mm | 41512-04B                                                                            | 4 mm |  |
| 20 cm, 8" | 41513-04B                                                                           | 4 mm | 41515-04B                                                                            | 4 mm |  |
| 23 cm, 9" | 41513-04-23B                                                                        | 4 mm | 41515-04-23B                                                                         | 4 mm |  |
|           |  |      |  |      |  |
| 18 cm, 7" | 41510-05B                                                                           | 5 mm | 41512-05B                                                                            | 5 mm |  |
| 20 cm, 8" | 41513-05B                                                                           | 5 mm | 41515-05B                                                                            | 5 mm |  |
| 23 cm, 9" | 41513-05-23B                                                                        | 5 mm | 41515-05-23B                                                                         | 5 mm |  |

auch lieferbar mit Dünnpfuss und/oder mit Auswerfer  
also available with thin foot plate and/or with ejector  
tambien disponible con lámina de punzonar estrecha y/o con expulsor  
anche disponibile con morso sottile e/o con espulsore

Bandscheibenstanzen  
 Intervertebral Disc Rongeurs  
 Pinzas sacabocado para discos intervertebrales  
 Pinze taglianti per dischi intervertebrali

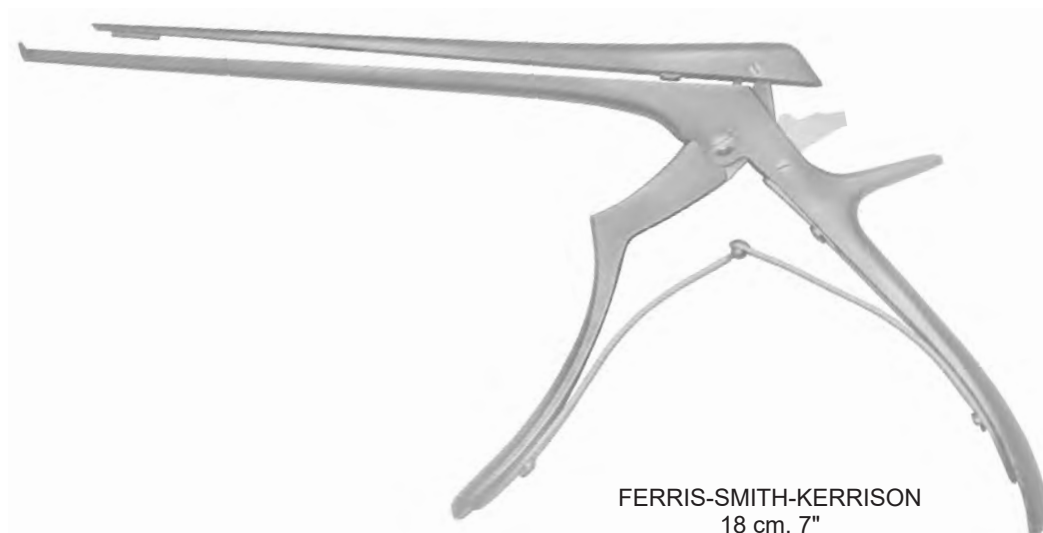


COLCLOUGH  
 41520-03 – 41529-05





Zerlegbare Stanzen  
Detachable punches  
Pinzas cortantes desmontables  
Pinze taglienti e smontabili



90°



130°



|           |             |      |             |      |
|-----------|-------------|------|-------------|------|
| 18 cm, 7" | 41540-01    | 1 mm | 41542-01    | 1 mm |
| 20 cm, 8" | 41544-01    | 1 mm | 41543-01    | 1 mm |
| 23 cm, 9" | 41544-01-23 | 1 mm | 41543-01-23 | 1 mm |
| 18 cm, 7" | 41540-02    | 2 mm | 41542-02    | 2 mm |
| 20 cm, 8" | 41544-02    | 2 mm | 41543-02    | 2 mm |
| 23 cm, 9" | 41544-02-23 | 2 mm | 41543-02-23 | 2 mm |
| 18 cm, 7" | 41540-03    | 3 mm | 41542-03    | 3 mm |
| 20 cm, 8" | 41544-03    | 3 mm | 41543-03    | 3 mm |
| 23 cm, 9" | 41544-03-23 | 3 mm | 41543-03-23 | 3 mm |
| 18 cm, 7" | 41540-04    | 4 mm | 41542-04    | 4 mm |
| 20 cm, 8" | 41544-04    | 4 mm | 41543-04    | 4 mm |
| 23 cm, 9" | 41544-04-23 | 4 mm | 41543-04-23 | 4 mm |
| 18 cm, 7" | 41540-05    | 5 mm | 41542-05    | 5 mm |
| 20 cm, 8" | 41544-05    | 5 mm | 41543-05    | 5 mm |
| 23 cm, 9" | 41544-05-23 | 5 mm | 41543-05-23 | 5 mm |

auch lieferbar mit Dünnfuß und/oder mit Auswerfer  
also available with thin foot plate and/or with ejector  
tambien disponible con lámina de punzonar estrecha y/o con expulsor  
anche disponibile con morso sottile e/o con espulsore

Bandscheibenstanzen, zerlegbar

Intervertebral Disc Rongeurs, dismantable

Pinzas sacabocado para discos intervertebrales, desmontab

Pinze taglianti per dischi intervertebrali, smontabile a fucile



90°



130°



|           |              |      |              |      |
|-----------|--------------|------|--------------|------|
| 18 cm, 7" | 41540-01B    | 1 mm | 41542-01B    | 1 mm |
| 20 cm, 8" | 41544-01B    | 1 mm | 41543-01B    | 1 mm |
| 23 cm, 9" | 41544-01-23B | 1 mm | 41543-01-23B | 1 mm |
| 18 cm, 7" | 41540-02B    | 2 mm | 41542-02B    | 2 mm |
| 20 cm, 8" | 41544-02B    | 2 mm | 41543-02B    | 2 mm |
| 23 cm, 9" | 41544-02-23B | 2 mm | 41543-02-23B | 2 mm |
| 18 cm, 7" | 41540-03B    | 3 mm | 41542-03B    | 3 mm |
| 20 cm, 8" | 41544-03B    | 3 mm | 41543-03B    | 3 mm |
| 23 cm, 9" | 41544-03-23B | 3 mm | 41543-03-23B | 3 mm |
| 18 cm, 7" | 41540-04B    | 4 mm | 41542-04B    | 4 mm |
| 20 cm, 8" | 41544-04B    | 4 mm | 41543-04B    | 4 mm |
| 23 cm, 9" | 41544-04-23B | 4 mm | 41543-04-23B | 4 mm |
| 18 cm, 7" | 41540-05B    | 5 mm | 41542-05B    | 5 mm |
| 20 cm, 8" | 41544-05B    | 5 mm | 41543-05B    | 5 mm |
| 23 cm, 9" | 41544-05-23B | 5 mm | 41543-05-23B | 5 mm |

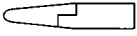
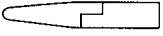
auch lieferbar mit Dünnfuß und/oder mit Auswerfer

also available with thin foot plate and/or with ejector

tambien disponible con lámina de punzonar estrecha y/o con expulsor

anche disponibile con morso sottile e/o con espulsore

Gefäßclips nach BIEMER  
BIEMER Vessel Clips  
Clips para vasos de BIEMER  
Clips per vasi secondo BIEMER

|                                                                                  | Maulöffnung<br>Opening                          | Maullänge<br>Length<br>of jaws                | Schließkraft<br>Closing<br>Force             |
|----------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------|----------------------------------------------|
|                                                                                  | Apertura de<br>la boca<br>Apertura del<br>morso | Largo de<br>la boca<br>Lunghezza<br>del morso | Fuerza del<br>cierre<br>Forza di<br>chiusura |
|  | 4,0 mm                                          | 6,0 mm                                        | 30 - 40 g<br>(0,29 - 0,39 N)                 |
|  | 5,0 mm                                          | 9,0 mm                                        | 30 - 40 g<br>(0,29 - 0,39 N)                 |
|  | 5,0 mm                                          | 9,0 mm                                        | 20 - 25 g<br>(0,20 - 0,25 N)                 |

für temporären Gebrauch

gekennzeichnet durch gelb eingefärbte Federenden für  
Gefäße mit einem Durchmesser 0,5 - 2,0 mm

Maulinnenflächen schräg gerieft für schonendes,  
sicheres Festhalten der Gefäße

Der fest eingestellte Schließdruck gewährt risikofreie  
Anwendung

for temporary occlusion

(identified by yellow coloured spring ends) for vessel  
diam. 0,5 - 2,0 mm

Blade gripping surface with oblique serrations for save  
but careful gripping of vessels

No risk due to rigidly fixed pressure measure

para uso temporal

clips marcados con baño dorado en los resortes, para  
vasos con un diámetro de 0,5 - 2,0 mm

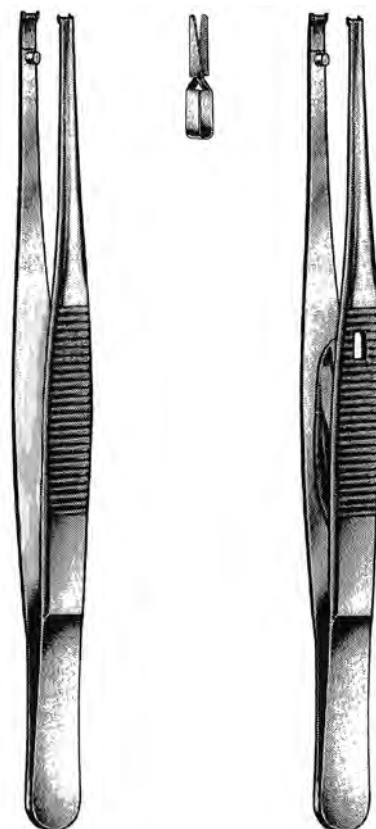
El interior de las quijadas viene con estrias finas para  
un agarre seguro y cuidadoso de los vasos

Debido a la calibración exacta de la fuerza de cierre  
se ofrece una aplicación sin riesgo

per chiusura temporanea

per vasi con Diametro 0,5 - 2,0 mm

La chiusura regolata garantisce nessun rischio



BIEMER  
41663-01

Anlegepinzette ohne Schloß,  
für Mikro-Gefäßclips  
41661-40 - 41662-50  
und  
Approximatoren  
41667-30 - 41670-50  
und  
41672-01 - 41672-04

Applying forceps without lock.  
for vessel clips  
41661-40 - 41662-50  
and  
Aproximators  
41667-30 - 41670-50  
and  
41672-01 - 41672-04

BIEMER  
41663-02

Anlegepinzette mit Schloß,  
für Mikro-Gefäßclips  
41661-40 - 41662-50  
und  
Approximatoren  
41667-30 - 41670-50  
und  
41672-01 - 41672-04

Applying forceps with lock.  
for vessel clips  
41661-40 - 41662-50  
and  
Aproximators  
41667-30 - 41670-50  
and  
41672-01 - 41672-04

Gefäßclips nach MEHDORN  
MEHDORN Vessel Clips  
Clips para vasos de MEHDORN  
Clips secondo MEHDORN

für temporären Gebrauch

gekennzeichnet durch gelb eingefärbte Federenden für Gefäße mit einem Durchmesser 0,5 - 1,5 mm

Maulinnenflächen schräg gerieft für schonendes, sicheres Festhalten der Gefäße

Der fest eingestellte Schließdruck gewährt risikofreie Anwendung

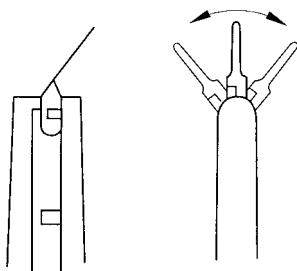
for temporary occlusion

(identified by yellow coloured spring ends) for vessel diam. 0,5 - 1,5 mm

Blade gripping surface with oblique serrations for safe but careful gripping of vessels

No risk due to rigidly fixed pressure measure

Beispiele für die variable Position des Clips  
Ejemplo para la variedad de la aplicación del clip  
Esempio: posizioni variabili delle clips



para uso temporal

clips marcados con baño dorado en los resortes, para vasos con un diámetro de 0.5 - 1.5 mm

El interior de las quijadas viene con estrias finas para un agarre seguro y cuidadoso de los vasos

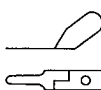
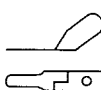
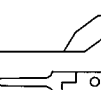
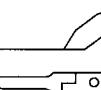
Debido a la calibración exacta de la fuerza de cierre se ofrece una aplicación sin riesgo

per chiusura temporanea

per vasi con Diametro 0,5 - 1,5 mm

La chiusura regolata garantisce nessun rischio



|                                                                                    | Maullänge<br>Length of jaws<br>Largo de la boca<br>Lunghezza del morso | Schließkraft<br>Closing Force<br>Fuerza del cierre<br>Forza di chiusura | MEHDORN<br>41666-00<br><br>Anlegepinzette für Mikro-<br>Gefäßclips<br>41664-10 - 41665-14<br><br>Applying Forceps for vessel<br>clips<br>41664-10 - 41665-14<br><br>Pinza de aplicación para<br>micro-clips<br>41664-10 - 41665-14<br><br>Pinza posa clips per<br>microvasi<br>41664-10 - 41665-14 |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 41664-10 4 x 1,0 mm                                                    | 10 - 15 g<br>(0,10 - 0,15 N)                                            |                                                                                                                                                                                                                                                                                                    |
|  | 41664-14 4 x 1,4 mm                                                    | 15 - 20 g<br>(0,15 - 0,20 N)                                            |                                                                                                                                                                                                                                                                                                    |
|  | 41665-10 6 x 1,0 mm                                                    | 10 - 15 g<br>(0,10 - 0,15 N)                                            |                                                                                                                                                                                                                                                                                                    |
|  | 41665-14 6 x 1,4 mm                                                    | 15 - 20 g<br>(0,15 - 0,20 N)                                            |                                                                                                                                                                                                                                                                                                    |

# Approximatoren nach Biemer-Müller Approximators Biemer-Müller Aproximadores de Biemer-Müller Approssimatore secondo Biemer-Müller

## für temporären Gebrauch

gekennzeichnet durch gelb eingefärbte Federenden für Gefäße mit einem Durchmesser 0,5 - 2,0 mm  
Maulinnenflächen schräg gerieft für schonendes, sicheres Festhalten der Gefäße  
Der fest eingestellte Schließdruck gewährt risikofreie Anwendung

## for temporary occlusion

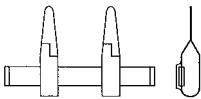
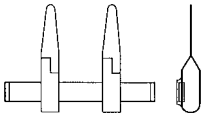
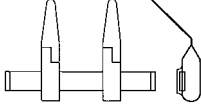
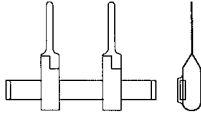
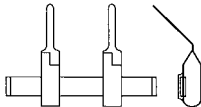
(identified by yellow coloured spring ends) for vessel diam. 0,5 - 2,0 mm  
Blade gripping surface with oblique serrations for save but careful gripping of vessels  
No risk due to rigidly fixed pressure measure

## para uso temporal

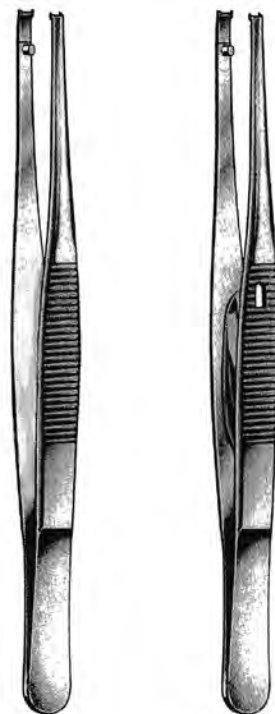
clips marcados con baño dorado en los resortes, para vasos con un diámetro de 0,5 - 2,0 mm  
El interior de las quijadas viene con estrias finas para un agarre seguro y cuidadoso de los vasos  
Debido a la calibración exacta de la fuerza de cierre se ofrece una aplicación sin riesgo

## per chiusura temporanea

per vasi con Diametro 0,5 - 2,0 mm  
La chiusura regolata garantisce nessun rischio

|                                                                                    | Maulöffnung<br>Opening | Maullänge<br>Length<br>of jaws | Schließkraft<br>Closing<br>Force |
|------------------------------------------------------------------------------------|------------------------|--------------------------------|----------------------------------|
|                                                                                    | Apertura de<br>la boca | Largo de<br>la boca            | Fuerza del<br>cierre             |
|                                                                                    | Apertura del<br>morso  | Lunghezza<br>del morso         | Forza di<br>chiusura             |
|    | 3,0 mm                 | 4,5 mm                         | 30 - 40 g<br>(0,29 - 0,39 N)     |
|   | 5,0 mm                 | 9,0 mm                         | 30 - 40 g<br>(0,29 - 0,39 N)     |
|  | 5,0 mm                 | 9,0 mm                         | 30 - 40 g<br>(0,20 - 0,25 N)     |
|  | 5,0 mm                 | 9,0 mm                         | 30 - 40 g<br>(0,20 - 0,25 N)     |
|  | 5,0 mm                 | 9,0 mm                         | 30 - 40 g<br>(0,20 - 0,25 N)     |

41670-50



BIEMER  
41663-01

BIEMER  
41663-02

Anlegepinzette ohne  
Schloß,  
für Mikro-Gefäßclips  
41661-40 - 41662-50  
und  
Approximatoren  
41667-30 - 41670-50  
und  
41672-01 - 41672-04

Anlegepinzette mit  
Schloß,  
für Mikro-Gefäßclips  
41661-40 - 41662-50  
und  
Approximatoren  
41667-30 - 41670-50  
und  
41672-01 - 41672-04

Applying forceps without  
lock.  
for vessel clips  
41661-40 - 41662-50  
and  
Aproximators  
41667-30 - 41670-50  
and  
41672-01 - 41672-04

Applying forceps with  
lock.  
for vessel clips  
41661-40 - 41662-50  
and  
Aproximators  
41667-30 - 41670-50  
and  
41672-01 - 41672-04

LEYLA Retraktor System  
LEYLA Retractor System  
Separador de sistema LEYLA  
LEYLA Sistema di fissaggio



YASARGIL

- 41801-01 Hirnspatelhalter, flexibel, für 1 flachen Spatel, komplett, bestehend aus:  
brain retractor, flexible, for 1 flat spatula, complete, consisting of:  
separador autorententivo, flexible, para espátula con 1 brazo flexible, completo, compuesto de:  
divaricatore autostatico, flessibile, per spatole piatte, con 1 braccio flessibile, completo, composto da:
- 41810-10 flexibler Spannarm  
flexible arm  
brazo flexible  
braccio flessibile
- 41826-26 Fixiervorrichtung für 1 flexiblen Spannarm  
fixation base for 1 flexible arm  
fijador para 1 brazo flexible  
fissatore per 1 braccio al braccio rigido
- 41830-30 Spatelhalter für flache Spatel  
support for flat brain spatula  
soporte para espátulas cerebrales planas  
sostegno per spatole piatte



YASARGIL

- 41802-02 Hirnspatelhalter, flexibel für 2 flache Spatel, komplett, bestehend aus:  
brain retractor, flexible, for 2 flat spatulas, complete, consisting of:  
separador autorententivo, flexible, para 2 espátulas planas con 2 brazos flexibles, completo, compuesto de:  
divaricatore autostatico, flessibile, per spatole piatte, con 2 bracci flessibili, completo, composto da:
- 41810-10 flexibler Spannarm (2x)  
flexible arm (2x)  
brazo flexible (2x)  
braccio flessibile (2x)
- 41822-22 Fixiervorrichtung für 2 flexible Spannarme  
fixation base for 2 flexible arms  
fijador para 2 brazos  
fissatore per 2 bracci al cranio
- 41830-30 Spatelhalter für flache Spatel (2x)  
support for flat brain spatula (2x)  
soporte para espátulas cerebrales planas (2x)  
sostegno per spatole piatte (2x)

LEYLA Retractor System  
LEYLA Retractor System  
Separador de sistema LEYLA  
LEYLA Sistema di fissaggio

41821-21

Fixiervorrichtung für 1 flexiblen Spannarm zum Festschrauben an Rohrteilen bis  
ø 16 mm

Fixation base for mounting on bars up to ø16 mm, for 1 flexible arm

Fijador para 1 brazo flexible, para atornillar a tubos hasta 16 mm

Fissatore per 1 braccio al braccio rigido



41822-22

Fixiervorrichtung für 2 flexible Spannarme zum Festschrauben am Schädel

Fixation base for skull mounting, holding 2 flexible arms

Fijador para 2 brazos flexibles, para atornillar al cráneo

Fissatore per 2 bracci al cranio



41826-26

Fixiervorrichtung für 1 flexiblen Spannarm zum Festschrauben am Schädel

Fixation base for skull mounting, holding 1 flexible arm

Fijador para 1 brazos flexibles, para atornillar al cráneo

Fissatore per 1 braccio al cranio



41830-30

Spatelhalter für flache Hirnspatel zur Befestigung am Spannarm

Support for flat brain spatula

Soporte para espátulas cerebrales planas para fijación al brazo flexible

Sostegno per spatole piatte



41832-32

Halter für Hirnspatel mit rundem Schaft bis ø 5,5 mm zur Befestigung am Spannarm

Support for brain spatula with round shaft

Soporte para espátulas cerebrales con mango redondo hasta ø 5,5 mm para fijación al brazo flexible

Sostegno flessibile per spatola cerebrale



LEYLA Retraktor System  
 LEYLA Retractor System  
 Separador de sistema LEYLA  
 LEYLA Sistema di fissaggio



## YASARGIL

41810-10 flexibler Spannarm, allein  
 flexible arm, only  
 brazo flexible, suelto  
 braccio flessibile, solo

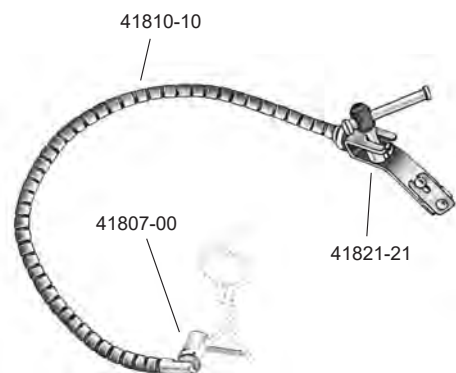
## YASARGIL

41803-01 Ohrspekulahalter, komplett, bestehend aus:  
 ear specula holder, complete, consisting of:  
 soporte para espejos auriculares completo,  
 compuesto de:  
 sostegno per specolo auricolare, completo  
 composto da:

41810-10 flexibler Spannarm  
 flexible arm, only  
 brazo flexible, suelto  
 braccio flessibile, solo

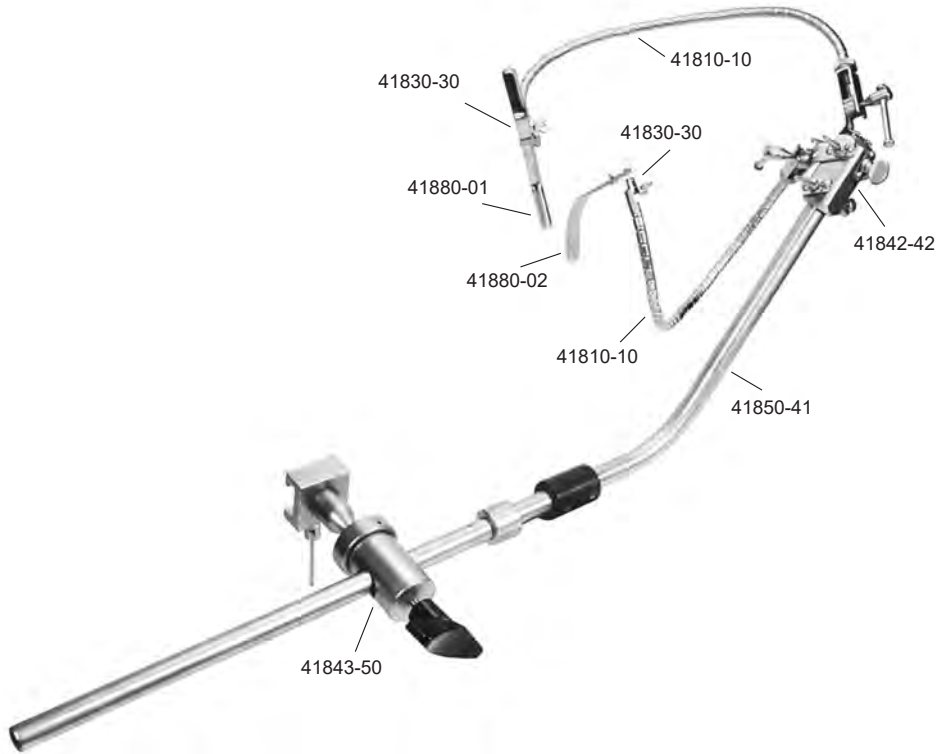
41821-21 Fixiervorrichtung zum Befestigen an Rohrteilen  
 bis Ø 16 mm  
 clamp for fixation on bars up to Ø 16 mm  
 fijador para 1 brazo flexible, para atornillar a  
 tubos hasta 16 mm  
 fissatore al braccio rigido Ø 16 mm

41807-00 Ohrtrichterhalter, allein  
 ear specula holder, only  
 soporte para espejos auriculares, suelto  
 sostegno per specolo auricolare





LEYLA Retraktor System  
LEYLA Retractor System  
Separador de sistema LEYLA  
LEYLA Sistema di fissaggio



- |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                      |          |                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>41802-00 LEYLA-Retraktor-System zum Fixieren am OP-Tisch komplett, bestehend aus:<br/>LEYLA Self-Retraining Retractor for fixation to operating table, complete, consisting of:<br/>Separador LEYLA para fijacion a la mesa de operaciones, completo, compuesto de:<br/>LEYLA Sistema di fissaggio al tavolo operatorio, composto da:</p> |                                                                                                                      |          |                                                                                                                                                                 |
| 41843-50                                                                                                                                                                                                                                                                                                                                     | Kugelgelenkkloben (1x)<br>ball and socket joint (1x)<br>articulacion esferica (1x)<br>giunto per fissare (1x)        | 41830-30 | Spatelhalter für flache Spatel (2x)<br>support for flat brain spatula (2x)<br>soporte para espátulas cerebrales planas (2x)<br>sostegno per spatole piatte (2x) |
| 41850-41                                                                                                                                                                                                                                                                                                                                     | starrer Haltearm (1x)<br>rigid holding rod (1x)<br>brazo de fijación rigido (1x)<br>braccio di fissaggio rigido (1x) | 41880-01 | CUSHING Hirnspatel (1x)<br>CUSHING brain spatula (1x)<br>CUSHING espátula para cerebro (1x)<br>CUSHING spatola cerebrale (1x)                                   |
| 41842-42                                                                                                                                                                                                                                                                                                                                     | Kupplungskopf (1x)<br>coupling head (1x)<br>cabeza de acoplamiento (1x)<br>giunto per combinare (1x)                 | 41880-02 | CUSHING Hirnspatel (1x)<br>CUSHING brain spatula (1x)<br>CUSHING espátula para cerebro (1x)<br>CUSHING spatola cerebrale (1x)                                   |
| 41810-10                                                                                                                                                                                                                                                                                                                                     | flexibler Spannarm (2x)<br>flexible arm, only (2x)<br>brazo flexible, suelto (2x)<br>braccio flessibile, solo (2x)   |          |                                                                                                                                                                 |

LEYLA Retraktor System  
LEYLA Retractor System  
Separador de sistema LEYLA  
LEYLA Sistema di fissaggio



- 41843-50 Kugelgelenkkloben  
zum Befestigen an der OP-Tischschiene  
und zur Aufnahme des Haltearms  
41850-41
- ball and socket joint  
for fixation of holding rod 41850-41 at the  
operating table
- articulacion esferica, para sujetar el brazo  
de soporte rigido sobre la mesa de  
operaciones 9 x 32 mm
- giunto per fissare il braccio,  
articolato 9 x 32 mm



- 41850-41 starrer Haltearm, auseinandernehmbar, zur Fixation im  
Kugelgelenkkloben 41843-50 und zur wahlweisen  
Aufnahme der Kupplungsköpfe 41842-42, 41842-44 und  
41842-46
- holding rod, detachable, for fixation in ball and socket joint  
41843-50 and to hold a desired coupling head  
41842-42, 41842-44 or 41842-46
- brazo de soporte rigido, desmontable, para fijacion a la  
articulacion esferica 41843-50 y opcionalmente a las  
cabezas 41842-42, 41842-44 y 41842-46
- braccio di sostegno rigido, per fissaggio al giunto  
41843-50 e dei giunti 41842-42, 41842-44 e 41842-46



- 41842-42 Kupplungskopf, zur Aufnahme von max.  
5 flexiblen Spannarmen 41810-10
- coupling head to hold 5 flexible arms  
41810-10
- cabeza de acoplamiento para fijar hasta  
5 brazos flexibles
- giunto per combinare 5 bracci



- 41842-44 Kupplungskopf, drehbar, zur Aufnahme von 1 flexiblen Spannarm  
41810-10
- coupling head, turnable, to hold 1 flexible arm 41810-10
- acoplamiento, girable y se puede fijar en todas las  
posturas para sujetar un brazo flexible 41810-10
- giunto per combinare, rotabile, per sostegno del braccio 41810-10

Hirnspatel  
Brain Spatulas  
Espátula Cerebral  
Spatole Cerebrali



HEIFETZ  
200 mm  
8"

|          | Breite<br>width<br>ancho<br>larghezza | Gesamtlänge<br>total length<br>largo total<br>lunghezza totale |
|----------|---------------------------------------|----------------------------------------------------------------|
| 41860-14 | 14 mm                                 | 200 mm                                                         |
| 41860-17 | 17 mm                                 | 200 mm                                                         |
| 41860-20 | 20 mm                                 | 200 mm                                                         |



biegsam  
malleable  
maleable  
malleabili

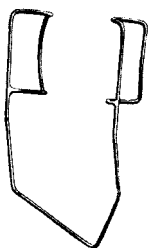
|          | Breite<br>width<br>ancho<br>larghezza | Gesamtlänge<br>total length<br>largo total<br>lunghezza totale |
|----------|---------------------------------------|----------------------------------------------------------------|
| 41880-01 | 9 mm                                  | 200 mm                                                         |
| 41880-02 | 12 mm                                 | 200 mm                                                         |
| 41880-03 | 12 mm                                 | 250 mm                                                         |



biegsam  
malleable  
maleable  
malleabili

CUSHING  
200 mm, 8"

Lidsperrer  
Eye Specula  
Blefaróstatos  
Blefarostati



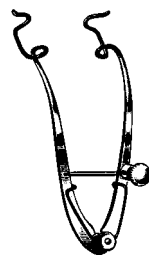
BARRAQUER (Colibri)

43101-03 3 cm, 1.2" für Kinder / children / niños / bambini  
43101-04 4 cm, 1.6" für Erwachsene / adults / adultos / adulti



BOWMAN

43104-07  
7 cm, 2 3/4"



CLARK

43107-08  
8 cm, 3 1/8"



GRAEFE

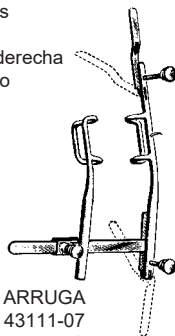
43109-07 7 cm, 2 3/4"  
43109-09 9 cm, 3 1/2"



WEEK

43110-08  
8 cm, 3 1/8"

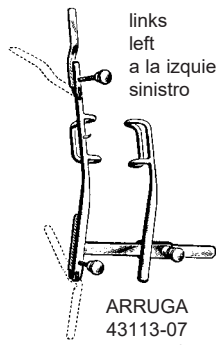
rechts  
right  
a la derecha  
destro



ARRUGA

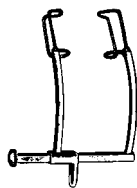
43111-07  
7 cm, 2 3/4"

links  
left  
a la izquierda  
sinistro



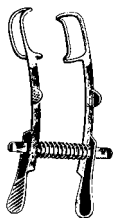
ARRUGA

43113-07  
7 cm, 2 3/4"



MURDOCK

43115-05  
5 cm, 2"



MELLINGER

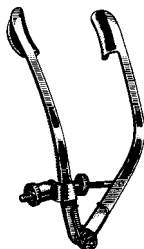
43125-05 5 cm, 2"  
43125-07 7 cm, 2 3/4"



WILLIAMS

43128-08  
8 cm, 3 1/8"

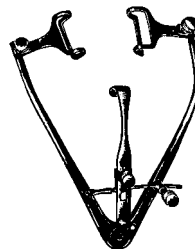
Lidsperrer, Lidplatte, Starmesser  
 Eye Specula, Lid Plate, Cataract Knives  
 Blefaróstatos, Placa para párpados, cuchillos para cataratas  
 Blefarostati, Placca per palpebre, coltelli per cataratta



LANCASTER  
 43129-07  
 7 cm, 2  $\frac{3}{4}$ "



CASTROVIEJO  
 43132-08  
 8 cm, 3  $\frac{1}{8}$ "



PARK  
 43133-08  
 8 cm, 3  $\frac{1}{8}$ "



MUELLER  
 43135-07  
 7 cm, 2  $\frac{3}{4}$ "



STEVENSON  
 43139-07  
 7 cm, 2  $\frac{3}{4}$ "



LIEBERMAN  
 43140-08  
 8 cm 3  $\frac{1}{8}$ "



LIEBERMAN  
 43141-08  
 8 cm 3  $\frac{1}{8}$ "



JAEGER  
 43150-11  
 11 cm, 4  $\frac{3}{8}$ "



GRAEFE  
 43170-00 - 43170-03  
 13 cm, 5  $\frac{1}{8}$ "



43170-00



43170-01



43170-02



43170-03



DEUTSCHMANN  
 43172-13  
 13 cm, 5  $\frac{1}{8}$ "

Lanzenmesser, Diszisionsmesser, Irismesser, Diszisionsmesser  
 Cataract knife, keratome, Iris knife, discision knife  
 Cuchillos lanceolares y Cuchillos de discisión  
 Cheratom, bisturi p. capsule, bisturi corneale



43180-01 - 43181-03

Hornhautmesser, Hornhautschaber, Dissektor, Sklerotom, Goniotomiemesser  
 Corneal Scarifier, -dissector, sclerotome, goniotomy knife  
 Cuchillos para cornea, legtras corneales, esclerótomos  
 Spatole p. corneale, dissettoe corneale, sclerotomo, coltello per goniotomia



WHEELER  
 43218-12  
 12 cm, 4 3/4"



ZIEGLER  
 43221-11  
 11 cm, 4 3/8"  
 3,5 mm



TOOK  
 43228-12  
 12 cm, 4 3/4"



GILL  
 43231-12  
 12 cm, 4 3/4"



PATON  
 43245-12  
 12 cm, 4 3/4"



LUNDSGAARD  
 43251-12  
 12 cm, 4 3/4"



GUYTON-  
 LUNDSGAARD  
 43253-12



SCHEIE  
 43258-12



BURCH  
 43262-12



PAUFIQUE  
 43271-11



BARRAQUER  
 43273-13

Diszisionsnadeln, Fremdkörpernadeln, Fremdkörperhohlmeißel  
 Discision Needles, Foreign-Body Instruments  
 Agujas de discisión, Instrumental para cuerpos extraños  
 Aghi per discisione, strumenti per corpi estranei



43304-12



43305-12

BOWMAN  
43308-12BOWMAN  
43309-12

43310-13



43311-13

FRANCIS  
43321-12LA FORCE  
43327-12DIX  
43330-13WALTON  
43334-12  
1,4 mmALVIS  
43336-12GREEN  
43340-13ROLLET  
43342-12



Schielhaken, Tenotomiehaken, Extraktionshaken, Tränensackhäkchen  
 Strabismus hook, lens hook, extraction hook  
 Ganchos para estrabismo,- cristalino, extracción  
 Uncino per il strabismo, uncino p. cristallino, protettori, uncini per l'iride



Fig. 1  
 GRAEFE  
 43351-01  
 13 cm, 5 1/8"



Fig. 2  
 GRAEFE  
 43351-02  
 14 cm, 5 1/2"



Fig. 3  
 GRAEFE  
 43351-03  
 15 cm, 6"



JAMESON  
 43353-13



GREEN  
 43355-13



STEVENS  
 43357-13



O'CONNER  
 43370-12



WIENER  
 43372-13



WIENER  
 43373-13



ROLLET  
 43376-13



KNAPP  
 43377-13

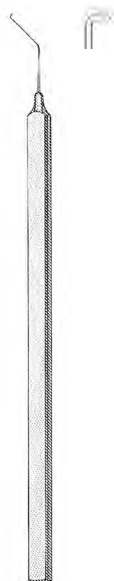


GRAEFE  
 43380-13



BECKER  
 43386-13

Haken  
hooks  
ganchos  
ganci



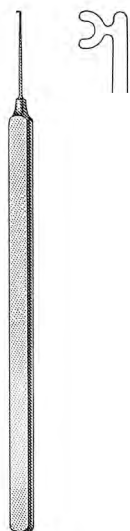
CLAYMAN  
43387-02  
11,5 cm 4 1/2"



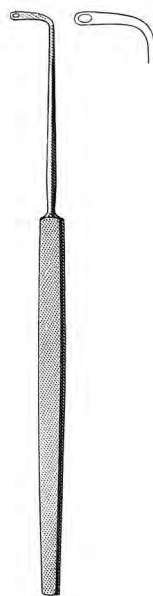
SINSKEY  
43388-02  
11,4 cm 4 1/2"



SINSKEY  
43389-02  
12 cm 4 3/4"

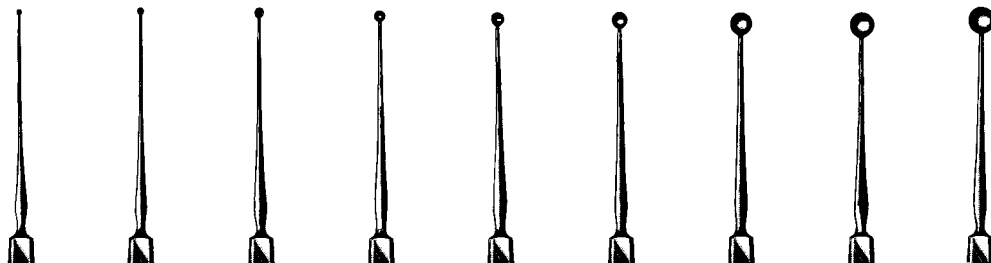


KUGLEN  
43390-05  
11,7 cm 4 5/8"



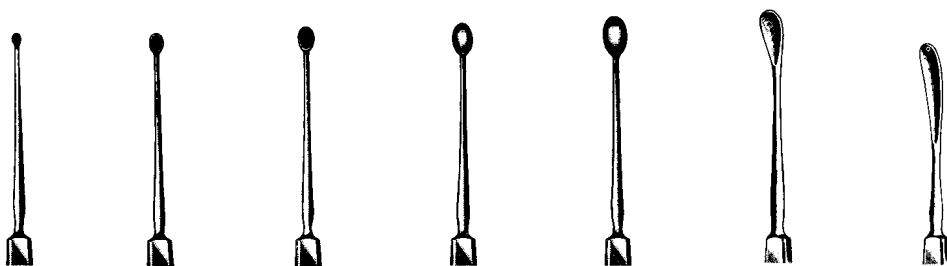
GASS  
43391-13  
14,6 cm 5 3/4"

Küretten und Löffel für Chalazion und Star  
Scoops and Curettes for Chalazio, Cataract, and Exenteration  
Curetas y cucharillas para chalazión, catarata y exenteración  
Curette e cucchiari per calazio, cateratta e palpebre



MEYHOEFER

|      |          |          |          |          |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|      | 43402-05 | 43402-10 | 43402-15 | 43402-18 | 43402-20 | 43402-25 | 43402-35 | 43402-40 | 43402-45 |
| Ø mm | 0,5      | 1,0      | 1,5      | 1,8      | 2,0      | 2,5      | 3,5      | 4,0      | 4,5      |



|      |                   |                   |                   |                   |                   |                    |                    |
|------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
|      | HEBRA<br>43404-10 | HEBRA<br>43404-20 | HEBRA<br>43404-24 | HEBRA<br>43404-30 | HEBRA<br>43404-35 | GRAEFE<br>43410-02 | DAVIEL<br>43412-02 |
| Ø mm | 1,0               | 2,0               | 2,5               | 3,0               | 3,5               |                    | 4 mm               |

Starlöffel, Exenterationslöffel, Drahtschlingen, Starschlingen, Irisspatel, Enukleationslöffel, Wundlöffel  
 Cataract Spoon, Exenteration Scoops, Lens Scoops, Spatulas, Protectores  
 Cucharillas para Catarata-, exenteración, Asas, Espátulas, Protectores  
 Cucchiaino per cataratta- esenterazione, Anse, Spatole, Protettori



KNAPP  
43414-02



BUNGE  
43420-01



BUNGE  
43420-02



BUNGE  
43420-03



LANG  
43424-13



WEBER  
43441-01  
Fig. 1



43441-02  
Fig. 2



SNELLEN  
43443-13



WILDER  
43445-13  
Fig. 1



WILDER  
43447-13  
Fig. 2

Iris  
Iride



WECKER  
43461-13

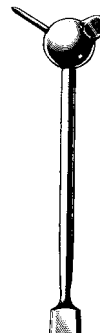


WECKER  
43462-13



WELLS  
43482-20

Cautery  
Cauter  
Cauterio



WADSWORTH-TODD  
43487-14

Zyklodialysespatel, Fremdkörperinstrumente  
Cyclodialysis Spatula, Foreign Body Instruments  
Espátulas para ciclodiálisis, Instrumentos para cuerpos extraños  
Spatole per ciclodialisi, Strumenti per corpi estranei



43511-13 - 43517-09



CASTROVIEJO  
43511-13  
1,2 x 10 mm



CASTROVIEJO  
43513-14  
1,5 x 15 mm



ELSCHNIG  
43515-14  
1,2 x 12 mm



CASTROVIEJO  
43517-09  
0,8 x 15 mm



HIRSCHMAN  
43524-10  
12,5 cm, 5"



CASTROVIEJO  
43525-05 0,50 mm  
43525-07 0,75 mm

Fremdkörperinstrumente  
 Foreign- Body Instruments  
 Instrumental para cuerpos extraños  
 Strumenti per corpi estranei



DIX  
43542-12



DIX  
43544-12



DIX  
43546-13



DIX  
43548-13



CASTROVIEJO  
43583-07 0-20 mm  
9 cm, 3 1/2"

Tränenkanaldilatatoren, Sonden  
Lachrymal Dilators-, Probes  
Dilatadores, Estiletes para canal lacrimal  
Dilatatori e Specilli per canale lacrimale



WILDER  
43602-01



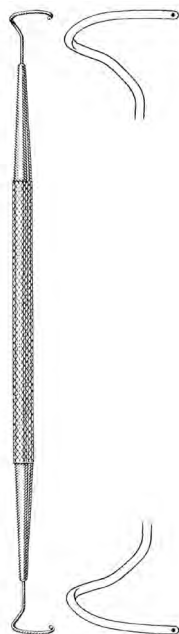
WILDER  
43602-02



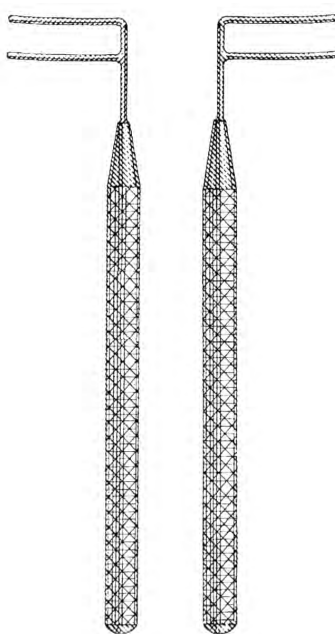
WILDER  
43602-03



CASTROVIEJO  
43608-12



WORST  
43609-14  
14,9 cm 5 7/8"



HARMS  
43610-01 43610-02  
4,8 cm 1 7/8"



geknöpft  
buttoned  
abotonado  
abbottonato

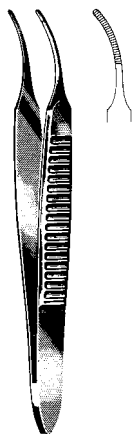
rostfrei  
stainless steel  
acero inoxidable  
acciaio inossidabile

| Fig.     | BOWMAN   | Ø mm    |
|----------|----------|---------|
| 0000/000 | 43613-00 | 0,6/0,7 |
| 00/0     | 43614-00 | 0,7/0,8 |
| 0/1      | 43614-01 | 0,8/0,9 |
| 1/2      | 43614-12 | 0,9/1,1 |
| 2/3      | 43614-23 | 1,1/1,3 |
| 3/4      | 43614-34 | 1,3/1,4 |
| 4/5      | 43614-45 | 1,4/1,5 |
| 5/6      | 43614-56 | 1,5/1,6 |
| 6/7      | 43614-67 | 1,6/1,8 |
| 7/8      | 43614-78 | 1,8/1,9 |

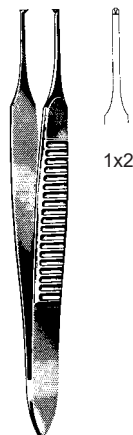
Iris Pinzetten  
Iris Forceps  
Pinzas para iris  
Pinze per iride



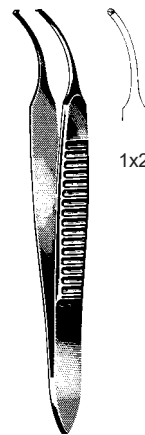
GRAEFE  
43802-07  
7 cm (2 3/4")/1 mm



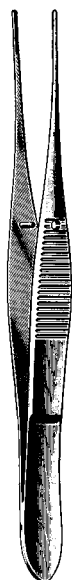
GRAEFE  
43803-07  
7 cm (2 3/4")/1 mm



GRAEFE  
43804-07  
7 cm (2 3/4")/1 mm



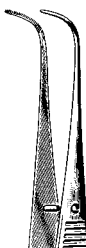
GRAEFE  
43805-07  
7 cm (2 3/4")/1 mm



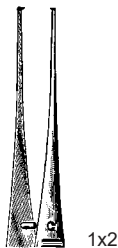
GRAEFE  
43810-10  
10 cm  
4"



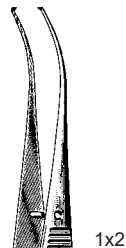
GRAEFE  
43811-10  
10 cm  
4"



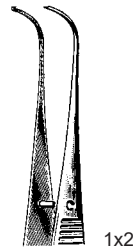
GRAEFE  
43813-10  
10 cm  
4"



GRAEFE  
43820-10  
10 cm  
4"



GRAEFE  
43821-10  
10 cm  
4"



GRAEFE  
43823-10  
10 cm  
4"



Iris Pinzetten  
Iris Forceps  
Pinzas para iris  
Pinze per iride



STEVENS  
43830-10  
10,5 cm, 4.1"



STEVENS  
43831-10  
10,5 cm  
4.1"



STEVENS  
43833-10  
10,5 cm  
4.1"



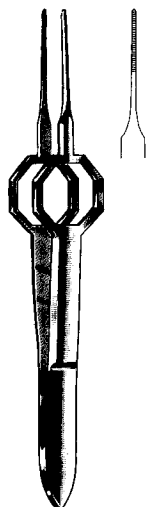
STEVENS  
43840-10  
10,5 cm  
4.1"



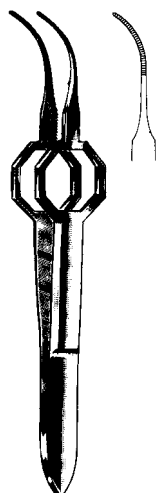
STEVENS  
43841-10  
10,5 cm  
4.1"



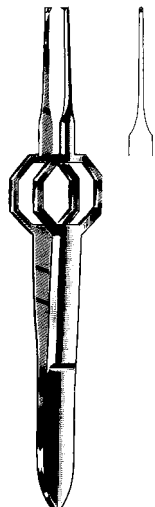
STEVENS  
43843-10  
10,5 cm  
4.1"



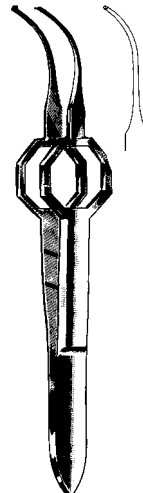
FOERSTER  
43850-08  
8,5 cm, 3.4"



FOERSTER  
43851-08  
8,5 cm, 3.4"



FOERSTER  
43852-08  
8,5 cm, 3.4"

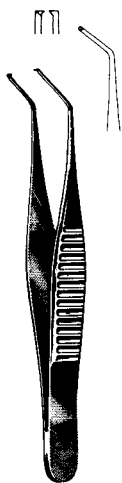


FOERSTER  
43853-08  
8,5 cm, 3.4"

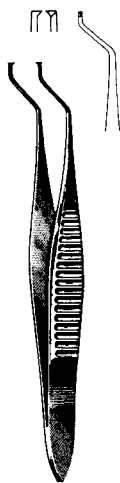
Iris Pinzetten  
Iris Forceps  
Pinzas para iris  
Pinze per iride

seitliche Zähne  
lateral teeth  
dientes laterales  
denti laterali

Zähne abwärts  
teeth below  
dientes abajo  
denti in basso



HESS  
43855-07  
7 cm (2 3/4")/  
0,3 mm



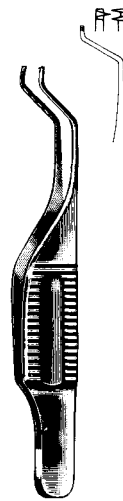
HESS  
43857-07  
7 cm (2 3/4")/  
0,3 mm



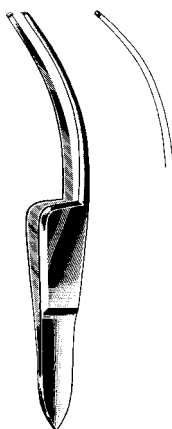
GILL  
43861-07  
7,5 cm (3")/  
0,3 mm



GILL-HESS  
43863-07  
7,5 cm (3")/  
0,3 mm



GILL-HESS  
43865-07  
7,5 cm (3")/  
0,3 mm



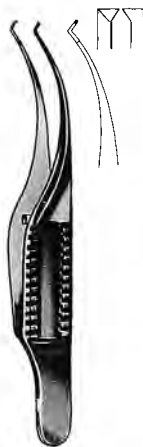
FISCHER  
43869-07  
7 cm (2 3/4")



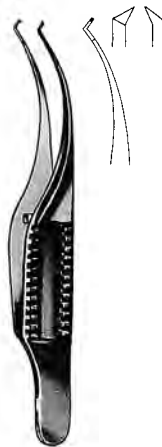
BARRAQUER-KATZIN  
43881-07  
7 cm (2 3/4")/0,4 mm



TROUTMAN (Colibri)  
43883-07  
7 cm (2 3/4")/0,12 mm



BARRAQUER (Colibri)  
43885-07  
7 cm (2 3/4")/0,12 mm



BARRAQUER (Colibri)  
43887-07  
7 cm (2 3/4")/0,12 mm

Fixierpinzette, Strabismus-Pinzetten  
 Fixation forceps, Strabismus-Forceps  
 Pinza para fijación, Pinzas para estrabismo  
 Pinza per fissatrice, Pinze per strabismo



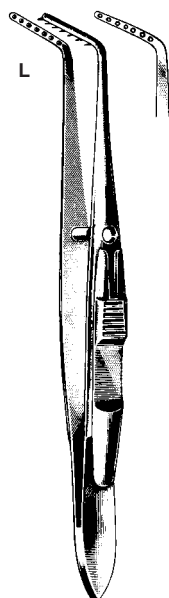
KIRBY-ARTHUR  
 43891-09 9 cm, 3 1/2"  
 0,2 mm



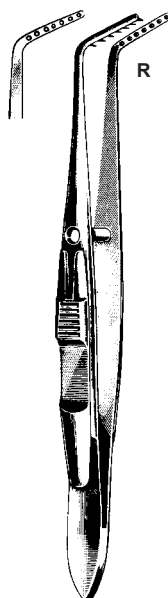
McCULLOUGH  
 43902-09  
 9,5 cm, 3 3/4"



McCULLOUGH  
 43903-09  
 9,5 cm, 3 3/4"



JAMESON  
 43907-10  
 10 cm, 4"



JAMESON  
 43909-10  
 10 cm, 4"



BONACCOLTO  
 43914-10  
 10 cm, 4 1/1,7 mm

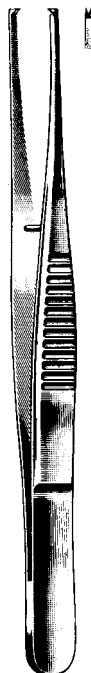


BONACCOLTO  
 43916-10  
 10 cm, 4 1/1,2 mm

Strabismus-Pinzetten, Iris-Pinzetten  
 Strabismus-Forceps, Iris Forceps  
 Pinzas para estrabismo, Pinzas para iris  
 Pinze per strabismo, Pinze per iride



DASTOOR  
 43924-11  
 11 cm, 4  $\frac{3}{8}$ "



DASTOOR  
 43926-11  
 11 cm, 4  $\frac{3}{8}$ "



BISHOP-HARMAN  
 43940-05 8,5 cm, 3.4"  
 0,5 mm



BISHOP-HARMAN  
 43940-08 8,5 cm, 3.4"  
 0,8 mm



1x2

BISHOP-HARMAN  
 43942-05 8,5 cm, 3.4"  
 0,5 mm



1x2

BISHOP-HARMAN  
 43942-08 8,5 cm, 3.4"  
 0,8 mm

Iris Pinzetten, Nahtpinzetten, Muskelpinzetten  
 Iris, Suture forceps, Muscle Forceps  
 Pinzas para iris, Pinza para sutura, Pinzas musculares  
 Pinze per iride, Pinza per sutura, muscolari

mit Führungsstift  
 with guide pin  
 con perno guida  
 con perno di guida



MOD. BONN  
 43944-07  
 7 cm, 2 3/4"  
 0,12 mm

ohne Führungsstift  
 without guide pin  
 sin perno guida  
 senza perno di guida



MOD. BONN  
 43946-07  
 7 cm, 2 3/4"  
 0,12 mm



MOD. BONN  
 43948-10  
 10 cm, 4"  
 0,12 mm



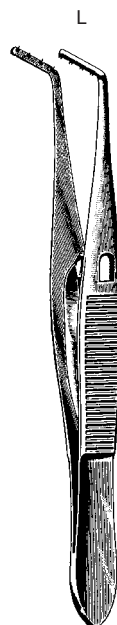
MOD. TÜBINGEN  
 43950-10  
 10 cm, 4"



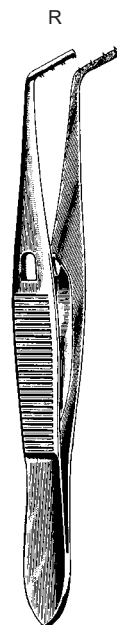
MOD. BONN  
 43952-10  
 10 cm, 4"/0,12 mm



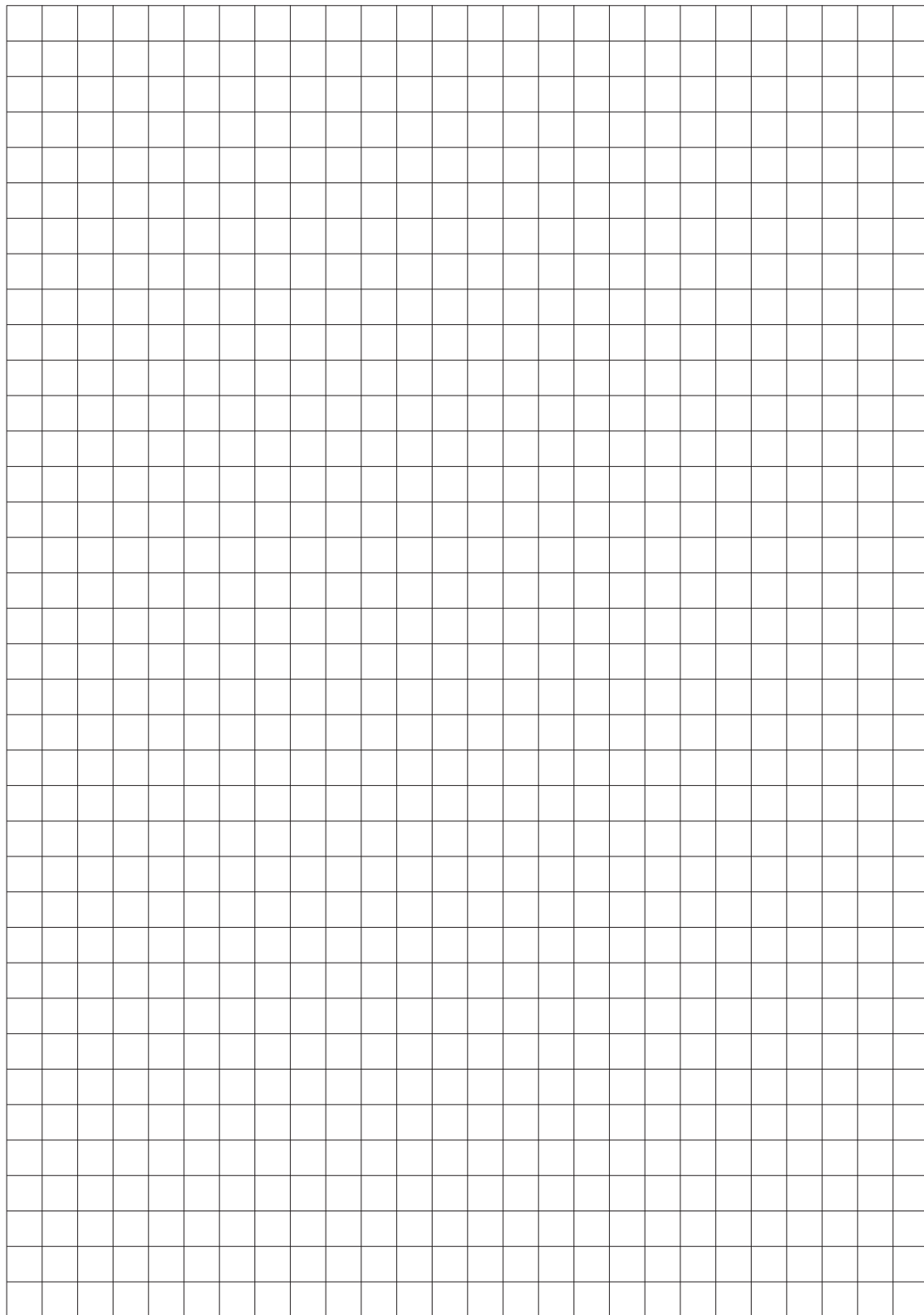
MOD. TÜBINGEN  
 43953-10  
 10 cm, 4"



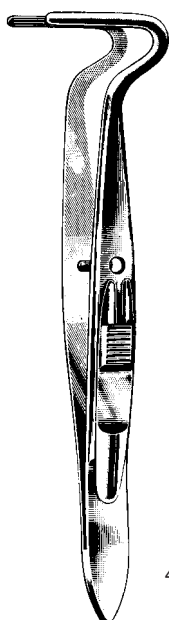
PRINCE  
 43955-10  
 10 cm, 4"



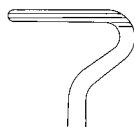
PRINCE  
 43956-10  
 10 cm, 4"



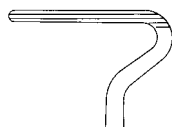
Muskelpinzetten, Fixationspinzetten  
Muscle Forceps, Fixation Forceps  
Pinzas musculares, Pinzas para fijación  
Pinze muscolari, Pinze per fissaggio



BERKE  
44015-20 - 44015-27  
10 cm, 4"



44015-20

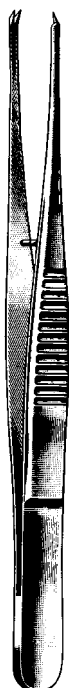


44015-27



TROUTMAN  
44017-08 8,5 cm, 3.4"  
0,8 mm

1x2



ELSCHNIG  
44046-11  
11 cm, 4 3/8"



GRAEFE  
44050-11 - 44052-11  
11 cm, 4 3/8"



44050-11



44052-11  
mit Sperre  
with catch  
con cierre  
c. cremagliera



LESTER  
44054-09  
9 cm, 3 1/2"

Fixierpinzetten, Kapselpinzette  
 Fixation forceps, capsular forceps  
 Pinzas para fijación, Pinzas capsulares  
 Pinze fissatrici, Pinze per capsulari

1x1



CASTROVIEJO  
 44066-09  
 9 cm, 3 1/2"

1x1



CASTROVIEJO  
 44067-09  
 9 cm, 3 1/2"

2x2

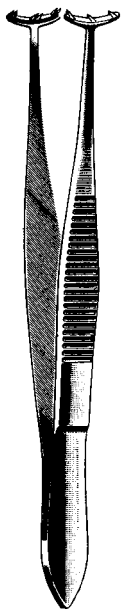


CASTROVIEJO  
 44068-09  
 9 cm, 3 1/2"

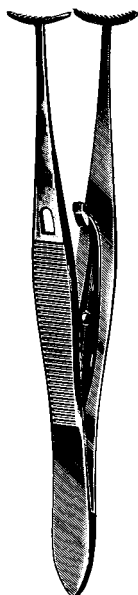
2x2



CASTROVIEJO  
 44069-09  
 9 cm, 3 1/2"



BARRAQUER  
 44074-10  
 10 cm, 4"



GREEN  
 44076-05 - 44078-10  
 10 cm, 4"



44076-05  
 5 mm



44076-10  
 10 mm

ohne Sperre  
 without catch  
 sin cierre  
 senza cremagliera

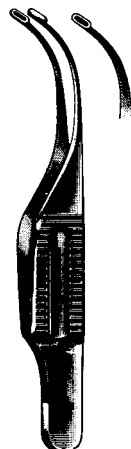


44078-05  
 5 mm



44078-10  
 10 mm

mit Sperre  
 with catch  
 con cierre  
 con cremagliera



GILL-ARRUGA  
 44101-07  
 7,5 cm, 3"



Fixierpinzetten, Kapselpinzette  
 Fixation forceps, capsular forceps  
 Pinzas para fijación, Pinzas capsulares  
 Pinze fissatrici, Pinze per capsulari



TERSON  
 44103-09  
 9 cm, 3 1/2"



KALT  
 44106-10  
 10 cm, 4"



ELSCHNIG  
 44109-10  
 10 cm, 4"



ARRUGA  
 44111-10  
 10 cm, 4"



ARRUGA  
 44114-10  
 10 cm, 4"



CASTROVIEJO  
 44115-10  
 10 cm, 4"



SCHWEIGGER  
 44119-10  
 10 cm, 4"



ELSCHNIG  
 44121-10  
 10 cm, 4"



HESS  
 44125-06  
 6 cm, 2.4"



HESS  
 44127-06  
 6,5 cm, 2.6"



FUCHS  
 44129-07  
 7 cm, 2 3/4"

Nahtpinzetten, Fadenpinzetten  
Suture Forceps, Tying Forceps  
Pinzas para suturas y hilo  
Pinze per sutura, Pinze per filo

1x2



CASTROVIEJO

10 cm, 4"

44150-01 0,12 mm  
44150-03 0,30 mm  
44150-05 0,50 mm  
44150-10 1,00 mm  
44150-15 1,50 mm

1x2



CASTROVIEJO

10 cm, 4"

44151-05  
44151-10  
44151-15

Zahn  
tooth  
diente  
dente



MOORFIELD

44164-10

10 cm, 4"



St. MARTIN

44166-07

7 cm, 2 3/4"



Mod. TÜBINGEN

44181-10

10 cm, 4"

1x2



PAUFIGUE

44190-08

8,5 cm, 3.4"



PAUFIGUE

44202-08

8,5 cm, 3.4"



McPHERSON

44210-10

10 cm, 4"



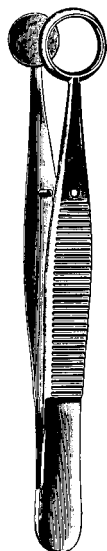
McPHERSON

44220-10

10 cm, 4"

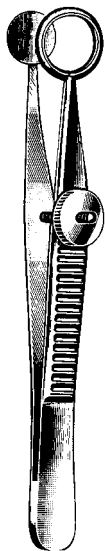
Pinzetten für Chalazion und Trachom  
Forceps for Chalazion and Trachoma  
Pinzas de chalazión y para tracoma  
Pinze per calazio e per trichiasi

10 mm



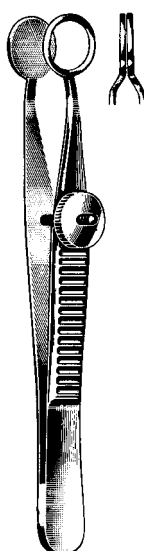
AYER  
44240-09  
9 cm, 3 1/2"

10 mm

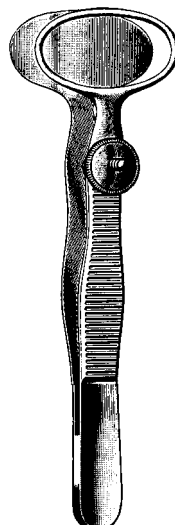


AYER  
44242-09  
9 cm, 3 1/2"

10 mm



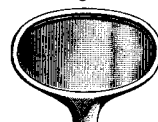
LAMBERT  
44246-09  
9 cm, 3 1/2"



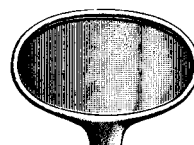
DESMARRES  
44254-09 - 44258-09  
9 cm, 3 1/2"



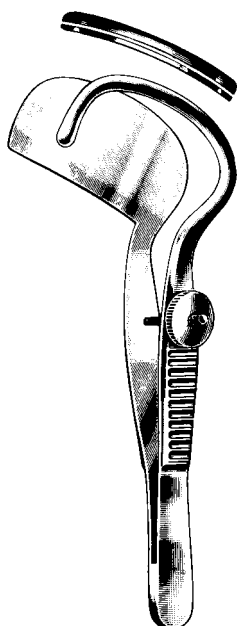
44254-09 20 mm  
Fig. 1



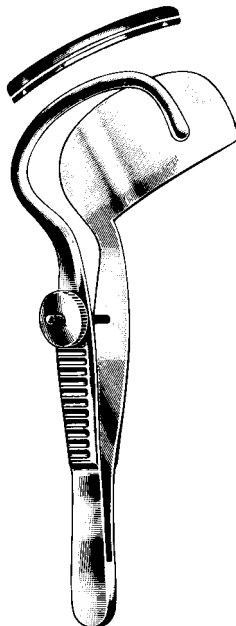
44256-09 24 mm  
Fig. 2



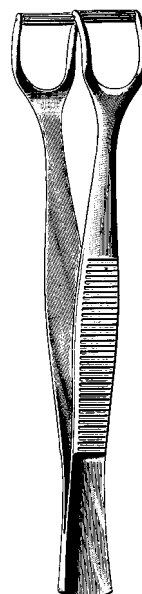
44258-09 32 mm  
Fig. 3



SNELLEN  
44265-10 10 cm, 4"

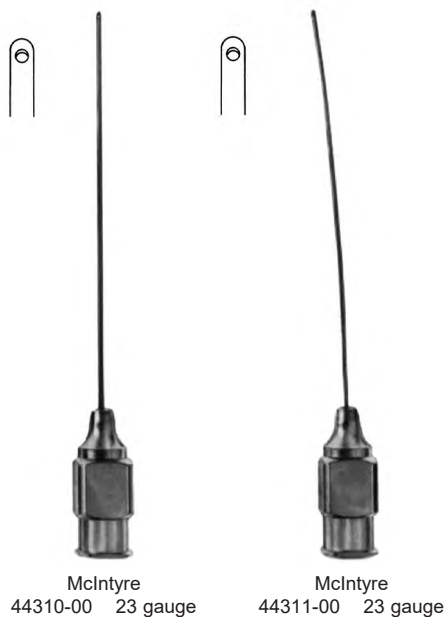
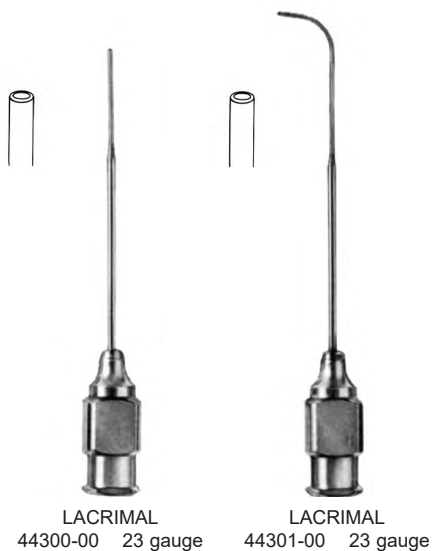


SNELLEN  
44267-10 10 cm, 4"



KNAPP-LUER  
44274-11 11 cm, 4 3/8"

Augenkanülen  
Eye Cannulas  
Cánulas oculares  
Cannule oculistich



Spül- und Saugkanülen, Augenkanülen  
Irrigation and Aspiration Cannulas, Eye Cannulas  
Cánulas de irrigación y aspiración, Cánulas oculares  
Cannule per irrigazione ed aspirazione, Cannule oculistiche



**BISHOP-HARMON**

44370-00 komplett / complete

44371-00 Silikonball / silicone bulb

44372-00 Adapter / adaptor

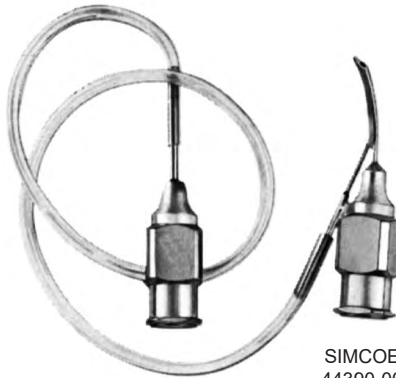
44373-00 19 gauge Kanüle / cannula

44374-00 21 gauge Kanüle / cannula

Augenkanülen, Tonometer  
 Eye Cannulas, Tonometer  
 Cánulas oculares, Tonómetro  
 Cannule oculistiche, Tonometro



SHEETS  
 44380-00



SIMCOE  
 44390-00



|            |            |          |
|------------|------------|----------|
|            | SCHIOETZ   |          |
|            | 44404-00   | 44406-00 |
| Skala      | gerade     | schräg   |
| scale      | straight   | oblique  |
| escala     | recta      | oblicua  |
| scala      | retta      | obliqua  |
|            |            |          |
| 44404-00 G | geeicht    |          |
| 44406-00 G | calibrated |          |
|            | calibrado  |          |
|            | calibrato  |          |

Augenmagnet, Cilienpinzetten  
 Eye Magnet, Cilia Forceps  
 Imàn para cuerpos extraños, Pinzas depilatorias  
 Calamita per corpi estranei, Pinze depilatorie



REDA  
 44408-00



BEER  
 44420-09  
 9 cm, 3 1/2"



DOUGLAS  
 44422-09  
 9 cm, 3 1/2"



LITTAUER  
 44424-08  
 8,5 cm, 3.4"



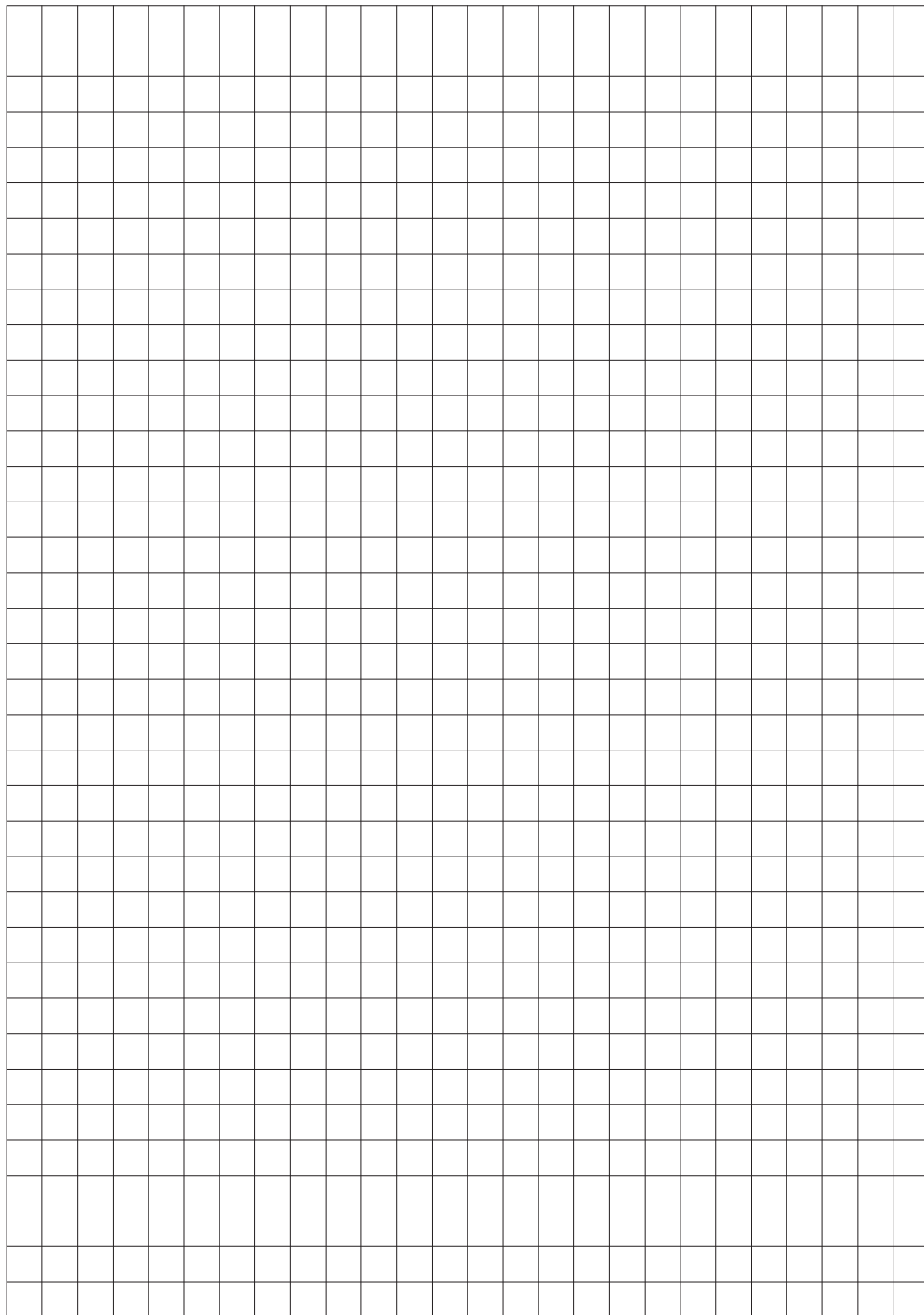
BARRAQUER  
 44425-10  
 10,5 cm, 4.1"



REDA  
 44426-09  
 9 cm, 3 1/2"



GRADLE  
 44428-09  
 9,5 cm, 3 3/4"





Ohrspekula  
Ear Specula  
Espéculos auriculares  
Specoli auricolari



**POLITZER**  
45009-00  
Set = 3

Innen Ø  
○ = 2,0 mm  
45009-02

○ = 3,0 mm  
45009-03

○ = 4,0 mm  
45009-04



**HARTMANN**  
45010-00  
Set = 4  
(4,5 / 5,5 / 6,5 / 7,5 mm)

Innen Ø  
○ = 2,0 mm  
45010-20

○ = 3,0 mm  
45010-30

○ = 4,5 mm  
45010-45

○ = 5,5 mm  
45010-55

○ = 6,5 mm  
45010-65

○ = 7,5 mm  
45010-75



**HARTMANN**  
45011-00  
Set 3-7 mm

schwarz  
black  
negro  
nero

Innen Ø  
○ = 2,0 mm  
45011-03

○ = 3,5 mm  
45011-04

○ = 5,0 mm  
45011-05

○ = 6,5 mm  
45011-07

○ = 7,5 mm  
45011-08



**TOYNBEE**  
45012-00  
Set = 3

Innen Ø  
○ = 4,0 mm  
45012-40

○ = 5,5 mm  
45012-55

○ = 6,5 mm  
45012-65

○ = 7,5 mm  
45012-75

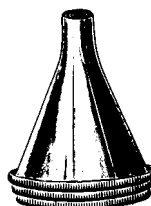


**GRUBER, oval**  
45015-00  
Set = 3

Innen Ø  
○ = 4,5 mm  
45015-45

○ = 5,5 mm  
45015-55

○ = 6,5 mm  
45015-65



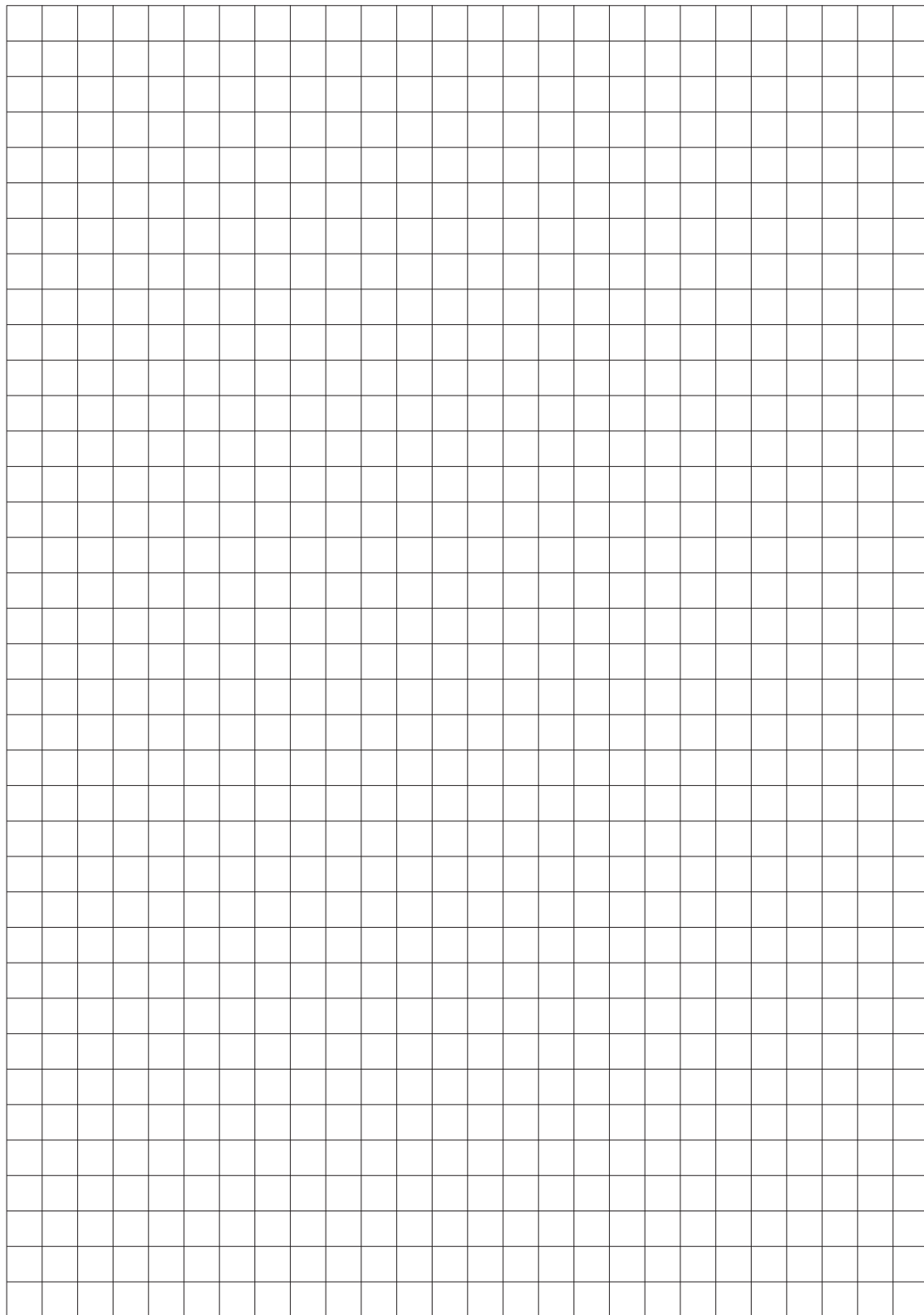
**BOUCHERON**  
45018-00  
Set = 4

Innen Ø  
○ = 5,0 mm  
45018-50

○ = 6,0 mm  
45018-60

○ = 7,0 mm  
45018-70

○ = 8,0 mm  
45018-80



Ohrspekula  
Ear Specula  
Espéculos auriculares  
Specoli auricolari

6,5 mm



45030-06

7,5 mm



45030-07

8,2 mm

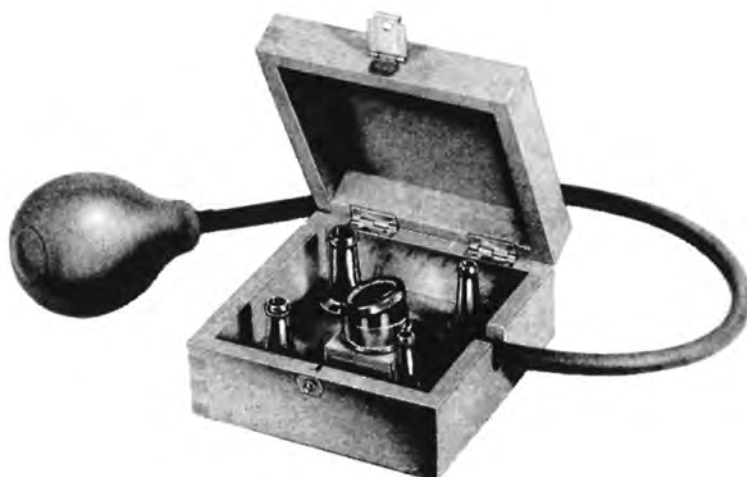


45030-08

10 mm



45030-10



BRUENINGS  
45030-04

**45030-04**

Komplett bestehend aus:  
4 Spekula, Saugkammer mit Gebläse,  
Holzetui

Complete consisting of:  
4 specula, suction head and rubber  
tube with bulb, wooden case

Compuesto de:  
4 espéculos, cámara de aspiración,  
insuflador de goma, en estuche de  
madera

Composta da:  
4 specoli, camera aspirante con  
soffiatrice, scatola di legno

Ersatzteile / spare parts /  
repuestos / pezzi di ricambio

**45036-09**

Lupe / Magnification glass /  
lupa / lente d'ingrandimento

**45036-10**

Saugpumpe / rubber ball /  
pera de goma / soffiatrice di gomma

Ohrspekula  
 Ear Specula  
 Espéculos auriculares  
 Specoli auricolari



7,5 mm Ø



45036-06



8,5 mm Ø



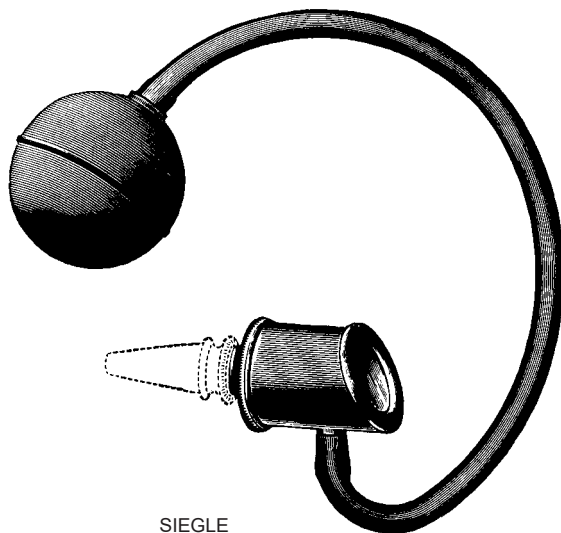
45036-07



9,5 mm Ø



45036-08



SIEGLE  
 45036-03

#### 45036-03

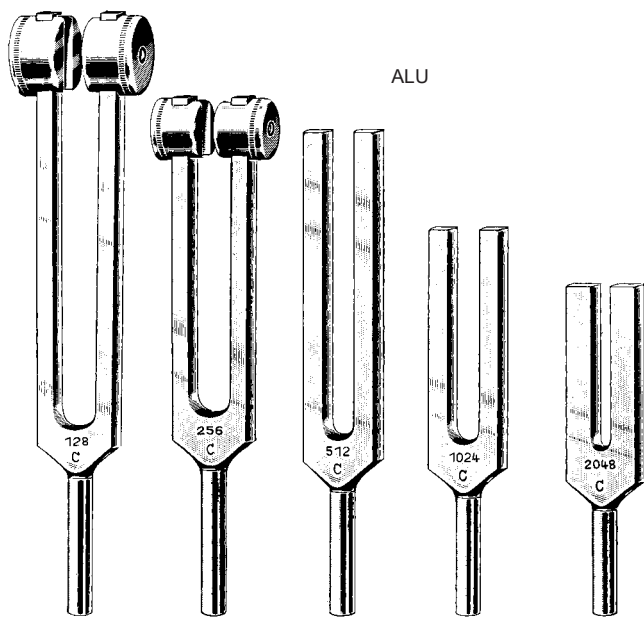
Komplett bestehend aus:  
 Ohrspekulum, 3 Spekula, 1 Gebläse

Complete consisting of:  
 Ear Specula, 1 rubber tube with bulb

Compuesto de:  
 Otoscopio con 3 espéculos, insuflador y tubo

Composta da:  
 Otoscopio con 3 specoli e 1 insufflatore con tubo

Stimmgabeln  
Tuning Forks  
Diapasones  
Diapason



ALU

45060-01  
C 128

45060-02  
C<sup>1</sup> 256

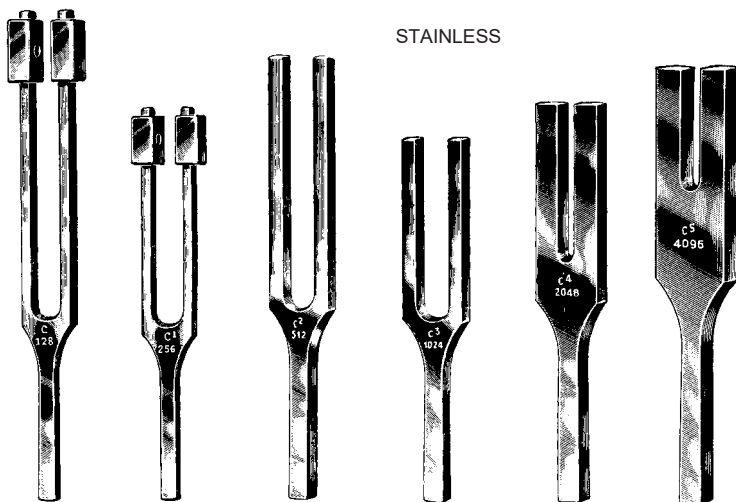
45060-03  
C<sup>2</sup> 512

45060-04  
C<sup>3</sup> 1024

45060-05  
C<sup>4</sup> 2048



45061-00  
compl.



STAINLESS

45070-01  
C 128

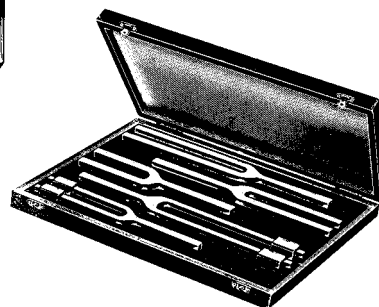
45070-02  
C<sup>1</sup> 256

45070-03  
C<sup>2</sup> 512

45070-04  
C<sup>3</sup> 1024

45070-05  
C<sup>4</sup> 2048

45070-06  
C<sup>5</sup> 4096



HARTMANN  
45071-00  
compl.

Stimmgabeln  
Tuning Forks  
Diapasones  
Diapason

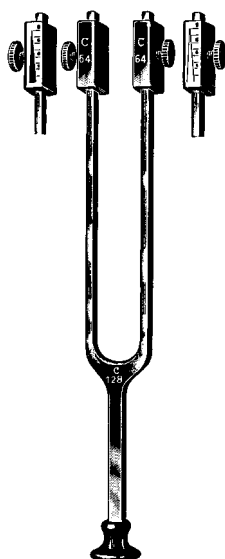


45072-01  
a¹ 440



LUCAE

- 45073-01 C 128
- 45073-02 C¹ 256
- 45073-03 C² 512
- 45073-04 C³ 1024
- 45073-05 C⁴ 2048
- 45073-06 C⁵ 4096



RYDEL-SEIFFERT  
45076-01 C 128 / C 64



LUCAE  
45074-01  
C 128

Spritze, Küretten  
Syringe, Curettes  
Jeringa, Curetas  
Siringa, Curette



ml REINER  
50 45096-50  
75 45096-75  
100 45097-10  
150 45097-15



| Innen Ø                                    | 1.5 mm      | 1.9 mm   | 2.5 mm   | 2.7 mm   | 3.4 mm   | 4.0 mm   | 4.5 mm   |
|--------------------------------------------|-------------|----------|----------|----------|----------|----------|----------|
| Küretten<br>Curettes<br>Curetas<br>Curette |             |          |          |          |          |          |          |
| stumpf<br>blunt<br>romas<br>smusse         | Fig. 00<br> | 0<br>    | 1<br>    | 2<br>    | 3<br>    | 4<br>    | 5<br>    |
|                                            | 45109-00    | 45110-00 | 45110-01 | 45110-02 | 45110-03 | 45110-04 | 45110-05 |
| scharf<br>sharp<br>cortantes<br>taglienti  |             |          |          |          |          |          |          |
|                                            | 45111-00    | 45112-00 | 45112-01 | 45112-02 | 45112-03 | 45112-04 | 45112-05 |
| stumpf<br>blunt<br>romas<br>smusse         |             |          |          |          |          |          |          |
|                                            | 45114-00    | 45115-00 | 45115-01 | 45115-02 | 45115-03 | 45115-04 | 45115-05 |
| scharf<br>sharp<br>cortantes<br>taglienti  |             |          |          |          |          |          |          |
|                                            | 45116-00    | 45117-00 | 45117-01 | 45117-02 | 45117-03 | 45117-04 | 45117-05 |

BUCK  
14,5 cm, 5 3/4"

Ohrkatheter, Parazentese Nadeln, Ohrmesser  
 Catheters, Paracentesis Needles, Ear Knives  
 Cateteres, agujas para paracentesis, Cuchillos auriculares  
 Cateteri, Aghi per paracentesi, Coltelli auricolari

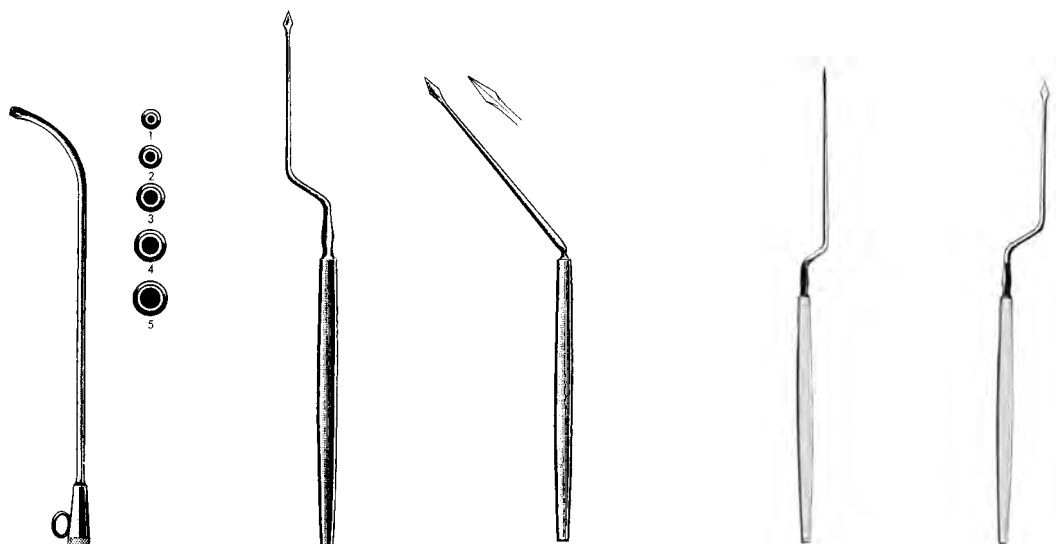


Fig. HARTMANN

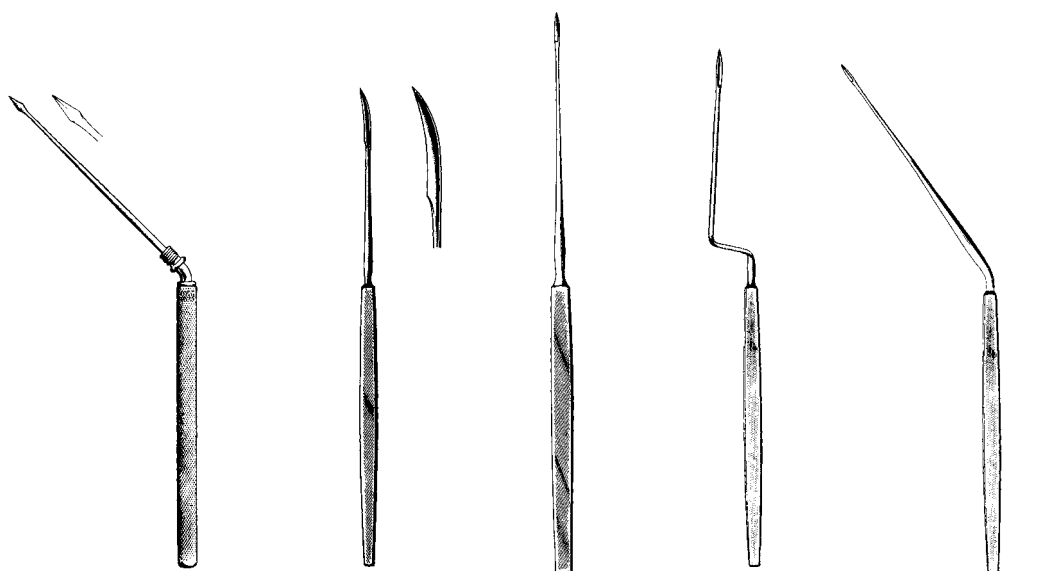
- |   |          |        |
|---|----------|--------|
| 1 | 45133-01 | 3,5 mm |
| 2 | 45133-02 | 4,0 mm |
| 3 | 45133-03 | 4,5 mm |
| 4 | 45133-04 | 5,0 mm |
| 5 | 45133-05 | 6,0 mm |

POLITZER  
 45150-18  
 18 cm, 7"

POLITZER  
 45151-16  
 16,5 cm, 6 1/2"

LUCAE  
 45152-01  
 18 cm, 7"

LUCAE  
 45152-02  
 18 cm, 7"



POLITZER  
 45153-16  
 16 cm, 6 1/4"

POLITZER  
 45160-15  
 15 cm, 6"

SEXTON  
 45162-18  
 18 cm, 7"

SEXTON  
 45164-17  
 17 cm, 6 3/4"

SEXTON  
 45165-17  
 17 cm, 6 3/4"



Löffel, Schlingen, Häkchen  
Ear spoons, Loops, Hooklets  
Cucharas, Asas, Ganchitos  
Cucchiai, Anse, Uncinetti



**GROSS**  
45171-12  
12 cm, 4 3/4"



**BILLEAU**  
16 cm, 6 1/4"



45180-01



45180-02



45180-03



**LANGENBECK**  
45181-13  
13 cm, 5 1/8"



**ZAUFAL**  
45184-16  
16 cm, 6 1/4"



**ZAUFAL-JANSEN**  
45185-15  
15 cm, 6"



**DAY**  
16 cm, 6 1/4"



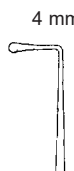
45190-01



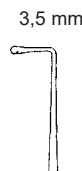
45190-02



**WAGENER**  
14 cm, 5 1/2"



45192-01



45192-02



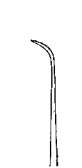
45192-03



45192-04



45192-05



45192-06



**LUCAE**  
14 cm, 5 1/2"



45193-01  
2 mm



45193-02  
3 mm



45193-03  
4 mm

Schlingen, Pinzetten  
 Loops, Dressing Forceps  
 Asas, Pinzas  
 Anse, Pinze



45194-01



45194-02

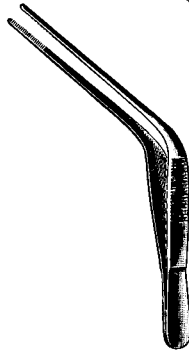


45194-03

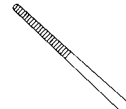


45194-04

SHAPLEIGH  
 13 cm, 5 1/8"



45201-11  
 12 cm, 4 3/4"



45201-13  
 13 cm, 5 1/8"

1x2



45203-11  
 12 cm, 4 3/4"

WILDE (TROELTSCH)



LUCAE  
 45206-14  
 14 cm, 5 1/2"



LUCAE  
 16 cm, 6 1/4"



45206-16



45207-16

1x2



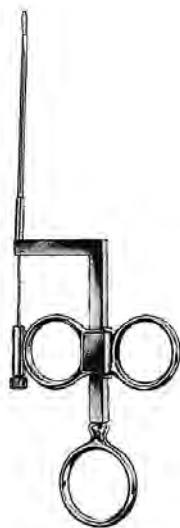
COTTLE  
 45208-14  
 14 cm, 5 1/2"



Polypenschnürer, Ohrzängchen  
Snares, Ear Forceps  
Cierra-nudos, Pinzas auriculares  
Serranodi, Pinze auricolari



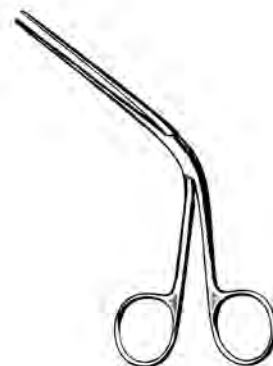
KRAUSE  
45220-16  
16 cm, 6 1/4"



WILDE  
45222-17  
17 cm, 6 3/4"



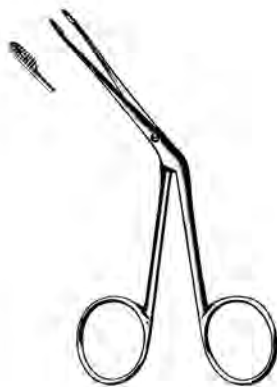
45225-02  
doz./doc./dozz.  
0,2 mm



TILLEY  
45243-14  
14 cm, 5 1/2"



LITTAUER  
45245-12  
12 cm, 4 3/4"



HARTMANN  
45246-12  
12 cm, 4 3/4"

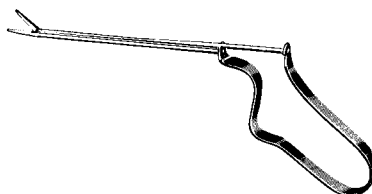


HARTMANN  
45246-14  
14 cm, 5 1/2"

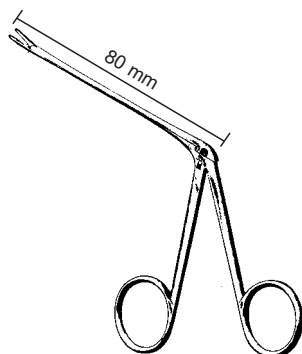
Fremdkörperheber, Fremdkörperzängchen  
 Foreign Body Levers, Ear Polypus Forceps  
 Elevadores para cuerpos extraños, Pinzas para pólipos  
 Leve per corpi estranei, Pinze per polipi



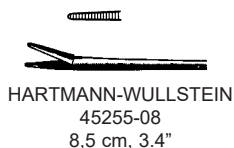
QUIRE  
 45251-10  
 10 cm, 4"



BUCK  
 45253-11  
 11 cm, 4 3/8"



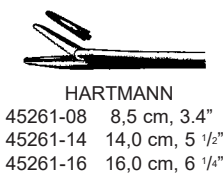
45255-08 - 45275-08



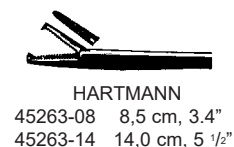
HARTMANN-WULLSTEIN  
 45255-08  
 8,5 cm, 3.4"



HARTMANN-WULLSTEIN  
 45257-08  
 8,5 cm, 3.4"



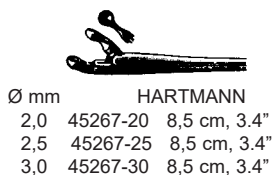
HARTMANN  
 45261-08 8,5 cm, 3.4"  
 45261-14 14,0 cm, 5 1/2"  
 45261-16 16,0 cm, 6 1/4"



HARTMANN  
 45263-08 8,5 cm, 3.4"  
 45263-14 14,0 cm, 5 1/2"



HARTMANN  
 45265-08  
 8,5 cm, 3.4"



Ø mm HARTMANN  
 2,0 45267-20 8,5 cm, 3.4"  
 2,5 45267-25 8,5 cm, 3.4"  
 3,0 45267-30 8,5 cm, 3.4"



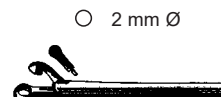
HARTMANN  
 45269-30  
 8,5 cm, 3.4"



STRUEMPEL  
 45271-08 8,5 cm, 3.4"  
 2,5x5 mm

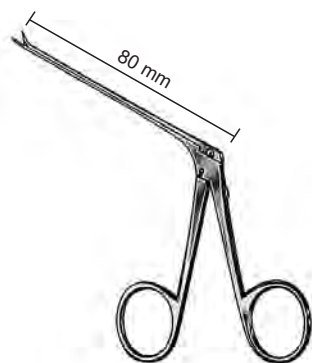


HARTMANN  
 45273-08  
 8,5 cm, 3.4"

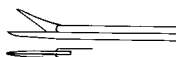


HARTMANN-HOFFMANN  
 45275-08  
 8,5 cm, 3.4"

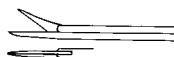
Mikro-Ohrscheren, Mikro-Ohrzängchen  
Micro Ear Scissors, Micro Ear Forceps  
Tijeras auriculares micro, Pinzas auriculares micro  
Forbici auricolari micro, Pinze auricolari micro



45310-40 - 45322-70



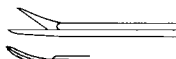
**A**  
BELLUCCI  
45310-40  
micro mini  
4 mm



**A**  
BELLUCCI  
45312-55  
micro standard  
5,5 mm



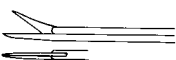
**D**  
BELLUCCI  
45313-55  
micro standard  
5,5 mm



**B**  
BELLUCCI  
45315-55  
micro standard  
5,5 mm



**C**  
BELLUCCI  
45317-55  
micro standard  
5,5 mm



**A**  
SHEA  
45320-70  
7,0 mm

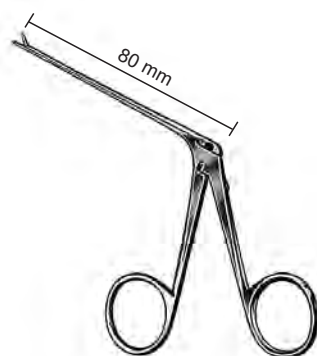


**C**  
SHEA  
45321-70  
7,0 mm



**B**  
SHEA  
45322-70  
7,0 mm

**A:** gerade / straight / recta / retta  
**B:** rechts / right / derecha / destra  
**C:** links / left / izquierda / sinistra  
**D:** aufgebogen / curved up / curva in alto / curva hacia arriba  
**E:** nach unten gebogen / curved down / curva in basso / curva hacia abajo



45350-40 - 45360-35



**A**  
45350-40  
4 mm



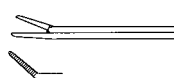
**A**  
45350-70  
7 mm



**A**  
45352-40  
4 mm



**C**  
45353-60  
6 mm



**B**  
45355-60  
6 mm



**D**  
45357-40  
4 mm



**E**  
45359-40  
4 mm



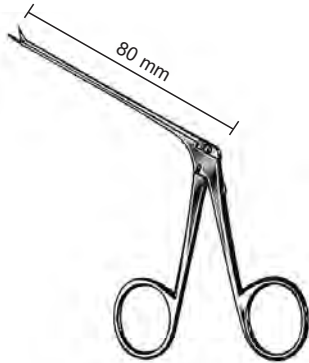
**A**  
45360-35  
3,5 mm

Mikro-Ohrzängchen, Hammerkopfstanze

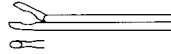
Micro Ear Forceps, Malleus punch

Pinzas auriculares micro, Pinza saca-bocadas para cabeza de martillo

Pinze auricolari micro, Pinze taglianti per testa del martelletto taglio a scalpello



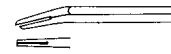
45362-45 - 45383-30



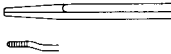
**A**  
45362-45  
4,5 mm



**D**  
45367-50  
5,0 mm



McGEE  
45371-40  
0,8x4,0 mm



JUERS  
45377-60  
6,0 mm



**C**  
45363-45  
4,5 mm



**E**  
45369-50  
5,0 mm



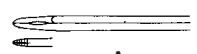
COS  
45373-30  
1,8x0,8x3,0 mm



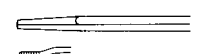
**B**  
HAUGH  
45383-30  
45° 3 mm



**B**  
45365-45  
4,5 mm



**A**  
GREVEN  
45370-50  
5,0 mm



JUERS  
45375-60  
6,0 mm

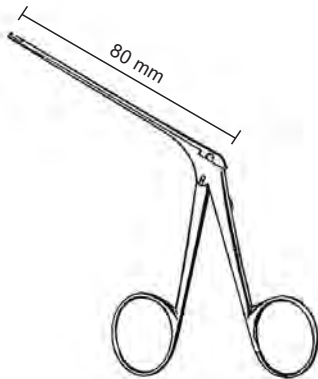
**A:** gerade / straight / recta / retta

**B:** rechts / right / derecha / destra

**C:** links / left / izquierda / sinistra

**D:** aufgebogen / curved up / curva in alto / curva hacia arriba

**E:** nach unten gebogen / curved down / curva in basso / curva hacia abajo



DIETER  
45385-01 - 45387-02

micro ø 1,3 mm



45385-01



45385-02

aufwärts

upward

arriba

in alto

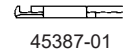
abwärts

downward

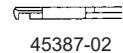
abajo

in basso

mini ø 1,8 mm



45387-01



45387-02

Mikro-Ohrzängchen  
Micro Ear Forceps  
Pinzas auriculares micro  
Pinze auricolari micro



45390-35  
0,8 x 3,5 mm



45390-50  
1 x 5 mm



45391-35  
0,8 x 3,5 mm



45392-35  
0,8 x 3,5 mm



45393-50  
1 x 5 mm



45394-50  
1 x 5 mm

Mikro-Ohrzängchen  
Micro Ear Forceps  
Pinzas auriculares micro  
Pinze auricolari micro



WULLSTEIN



45400-01  
0,9 x 1 mm



45400-02  
0,8 x 1,3 mm



45400-03  
1 mm



45401-25  
1,7 x 2,5 mm



45402-10  
0,9 x 1 mm



45403-13  
0,8 x 1,3 mm



45404-13  
0,8 x 1,3 mm



Mikro-Ohrscheren  
Micro Ear Scissors  
Tijeras auriculares micro  
Forbici auricolari micro



WULLSTEIN



45410-01



45411-01



45412-01



45413-01



45414-01

Messer  
Knives  
Cuchillos  
Coltelli



SCHUKNECHT  
45701-01  
16 cm, 6 1/4"



SCHUKNECHT  
45701-02  
16 cm, 6 1/4"



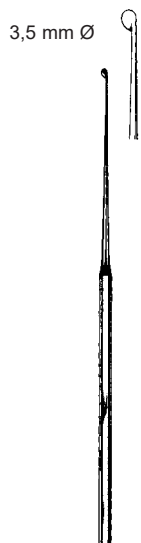
SCHUKNECHT  
45703-15  
15,5 cm, 6"



WULLSTEIN  
45704-15  
15,5 cm, 6"



TABB  
45705-15  
15,5 cm, 6"



PLESTER  
45706-35  
15,5 cm, 6"



ROSEN  
45709-10 - 45709-30  
16 cm, 6 1/4"



45709-14  
Ø 1,4 mm



45709-16  
Ø 1,6 mm



45709-20  
Ø 2,0 mm



45709-28  
Ø 2,8 mm



45709-30  
Ø 3,0 mm



45709-26  
Ø 2,6 mm

Nadeln und Häkchen  
Needles and Hooks  
Agujas y Ganchos  
Aghi e uncini



16 cm  
6 1/4"



BARBARA  
45710-15



BARBARA  
45711-15



BARBARA  
45713-15



BARBARA  
45715-17



25°  
SHAMBAUGH  
mm  
0,3 45720-03  
0,6 45720-06  
1,0 45720-10



45°  
SHAMBAUGH  
mm  
0,3 45722-03  
0,6 45722-06  
1,0 45722-10  
1,2 45722-12  
1,5 45722-15  
2,0 45722-20  
2,5 45722-25



90°  
SHAMBAUGH  
mm  
0,3 45724-03  
0,6 45724-06  
1,0 45724-10  
1,2 45724-12  
1,5 45724-15  
2,0 45724-20  
2,5 45724-25



BARBARA  
45725-05=0,5 mm  
45725-10=1,0 mm



45730-03 - 45747-10  
15,5 cm, 6"



90°  
mm  
0,3 45730-03  
0,6 45730-06  
1,0 45730-10



90°  
mm  
0,3 45732-03  
0,6 45732-06  
1,0 45732-10



mm  
0,5 McGEE 45733-05  
1,0 45733-10



McGEE  
mm  
0,5 45735-05  
1,0 45735-10



BARBARA  
45736-15  
15,5 cm, 6"



ROSEN  
45737-15  
15,5 cm, 6"



mm  
0,3 25° 45741-03  
0,6 45741-06  
1,0 45741-10



25°  
mm  
0,3 45743-03  
0,6 45743-06  
1,0 45743-10

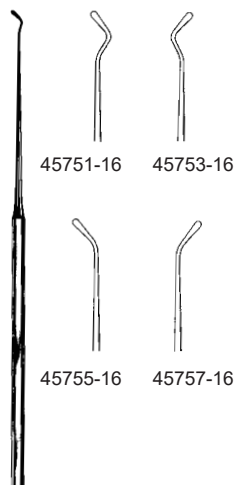


45°  
mm  
0,3 45745-03  
0,6 45745-06  
1,0 45745-10

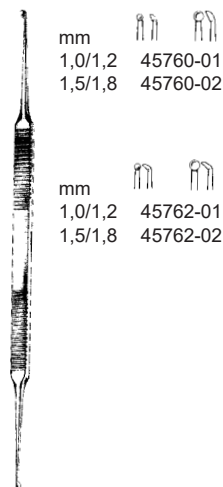


45°  
mm  
0,3 45747-03  
0,6 45747-06  
1,0 45747-10

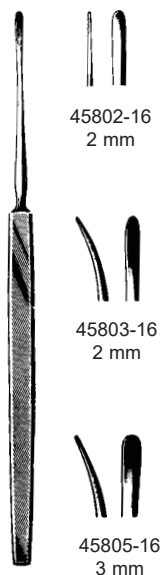
Dissektoren, Küretten, Elevatoren, Mikro-Meßsonde  
 Dissectors, Curettes, Elevators, Micro measuring rod  
 Disectores, Curetas, Elevadores, Sonda para medir  
 Dissettori, Curette, Elevatori, Sonda auricolare per misurare



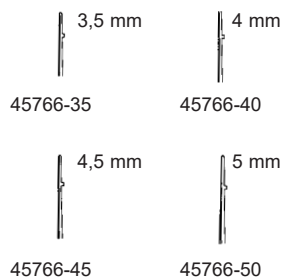
FISCH  
 45751-16 - 45757-16  
 16 cm, 6 1/4"



HOUSE  
 45760-01 - 45762-02  
 15 cm, 6"

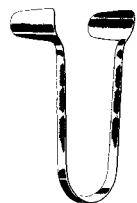


LEMPERT  
 45802-16 - 45805-16  
 16 cm, 6 1/4"

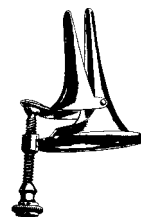
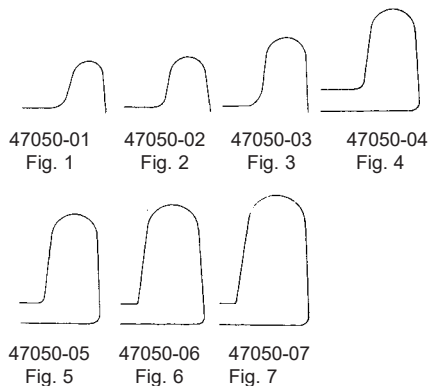


HOUSE  
 45766-35 - 45766-50  
 16 cm, 6 1/4"

Nasenspekula  
Nasal Specula  
Espéculos nasales  
Specoli nasali



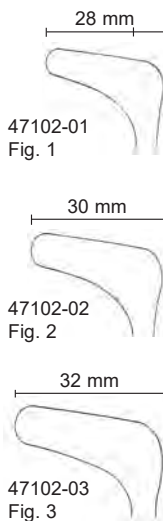
THUDICHUM  
47050-01 - 47050-07



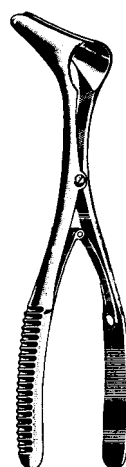
VOLTOLINI  
47060-01 - 47060-03



HARTMANN-HALLE  
47102-01 - 47102-03  
15 cm, 6"



Baby, bébé  
Kind, child, niño, bamb.  
Erwachs., Adult, adulto



Mod. WIEN  
47112-01 25 mm  
47112-02 30 mm  
47112-03 35 mm

leichtes Modell  
lightweight  
mod. ligero  
mod. leggero

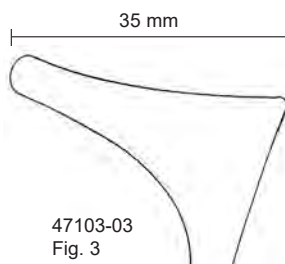
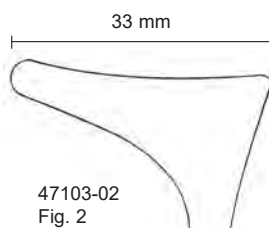
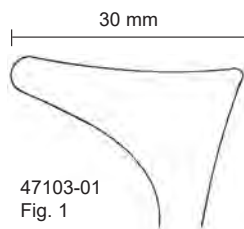


Mod. WIEN  
47113-03

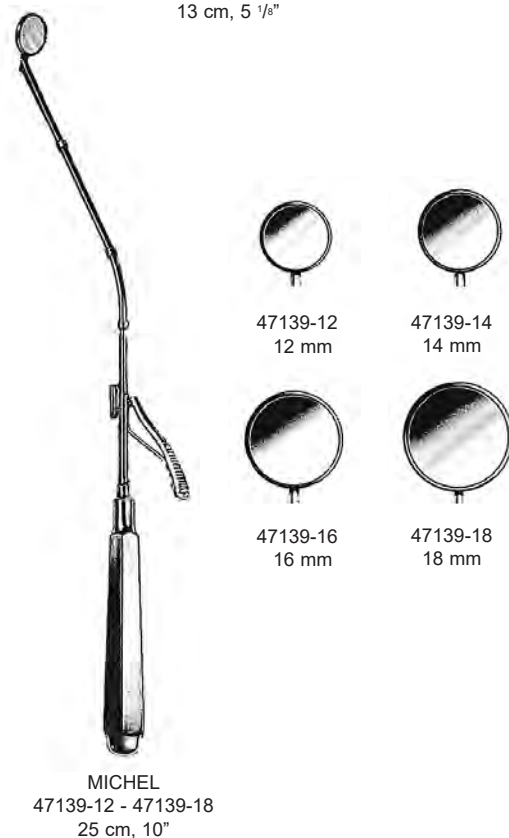
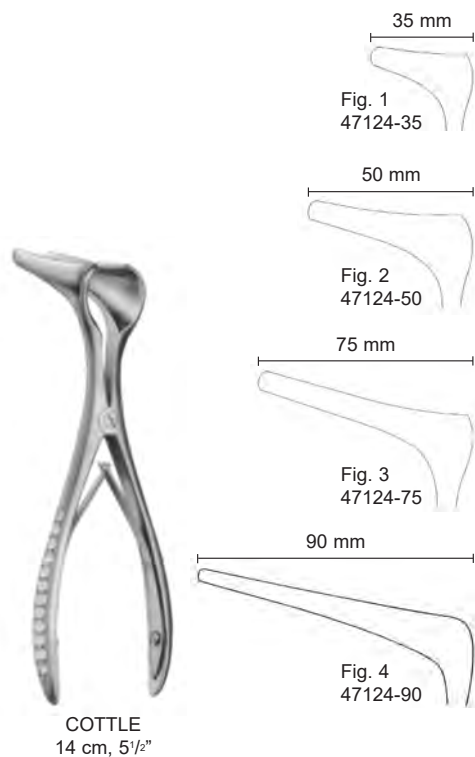
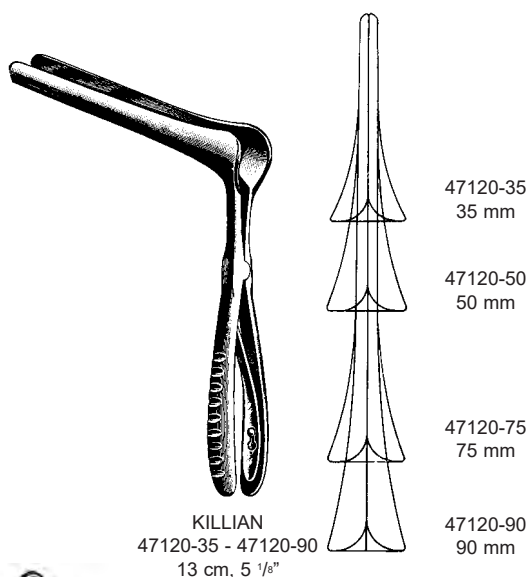
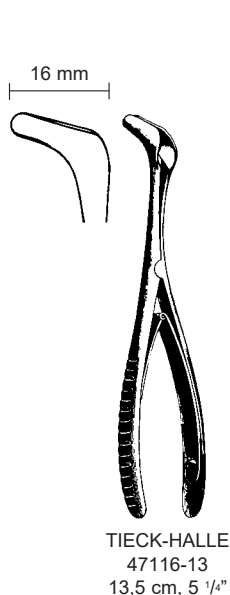
Nasenspekula  
Nasal Specula  
Espéculos nasales  
Specoli nasali



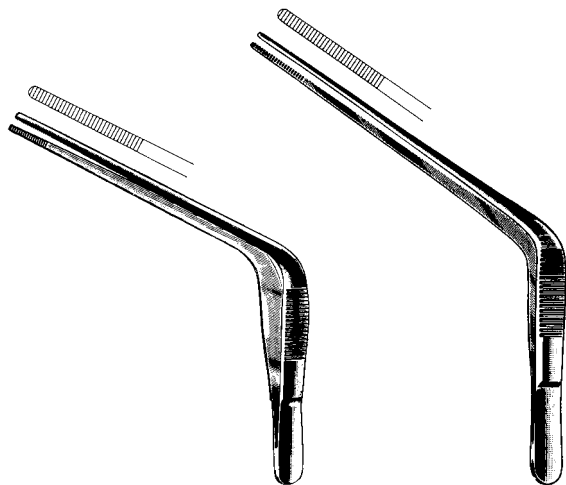
HARTMANN  
16 cm, 6 1/4"



Nasenspekula, Kehlkopfspiegel  
Nasal Specula, Laryngeal Mirrors  
Espéculos nasales, espejos laríngeos  
Specoli nasali, Specchi laringei



Nasenpinzetten, Polypenzange  
 Ear Dressing Forceps, Ear Polypus Forceps  
 Pinzas auriculares, Pinzas para pólipos  
 Pinze auricolari, Pinze per polipi



TROELTSCH  
 47151-15  
 15 cm, 6"

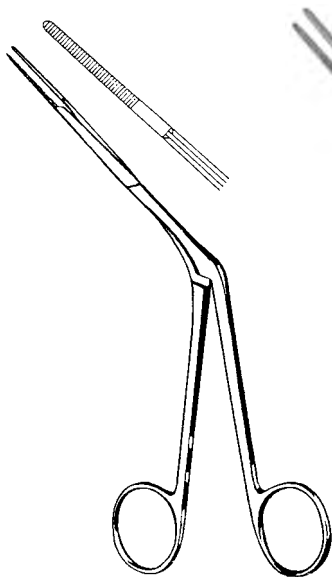
TROELTSCH  
 47151-18  
 18 cm, 7"



JANSEN-GRUENWALD  
 47154-18 18 cm, 7"  
 47154-20 20 cm, 8"



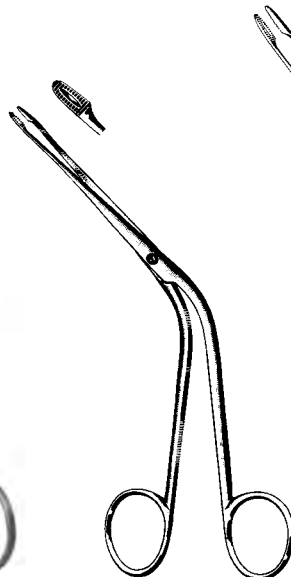
JANSEN  
 47155-20  
 20 cm, 8"



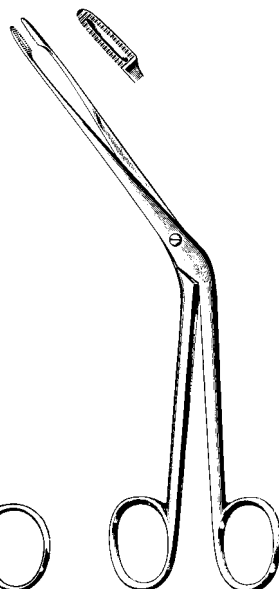
WESTMACOTT  
 47158-20  
 20 cm, 8"



LUBET-BARBON  
 47159-20  
 20 cm, 8"



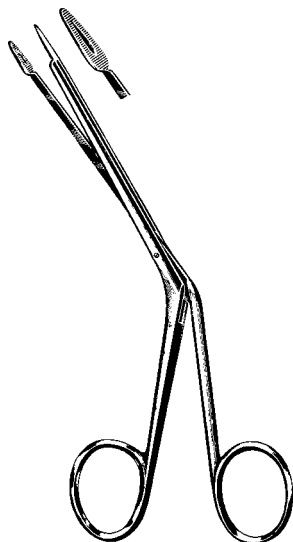
HARTMANN  
 47161-16  
 16 cm, 6 1/4"



HARTMANN  
 47161-20  
 20 cm, 8"



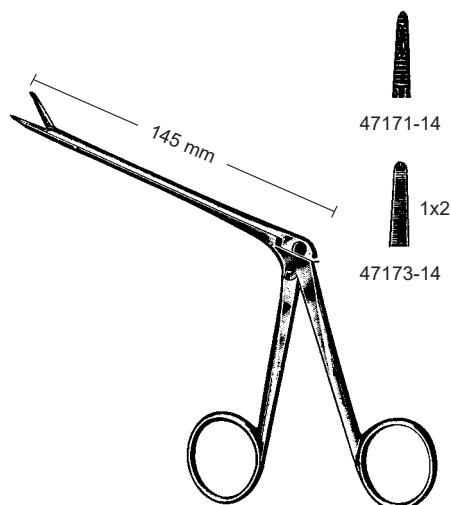
Polypenzangen, Septumzangen  
Nasal Polypus and Septum Forceps  
Pinzas para pólipos y para el tabique nasal  
Pinze per polipi, Pinze per il setto nasale



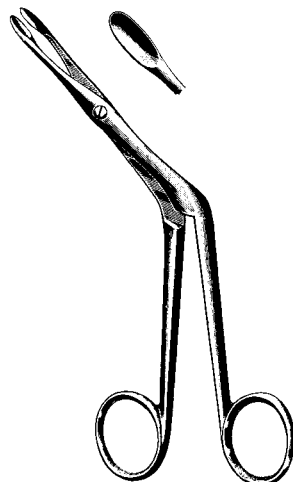
LITTAUER  
47167-18  
18 cm, 7"



HEYMANN-KNIGHT  
47169-18  
18 cm, 7"



NOYES  
47171-14 - 47173-14  
14,5 cm, 5 3/4"



HEYMANN  
47181-18  
18 cm, 7"



KNIGHT  
47185-18  
18 cm, 7"

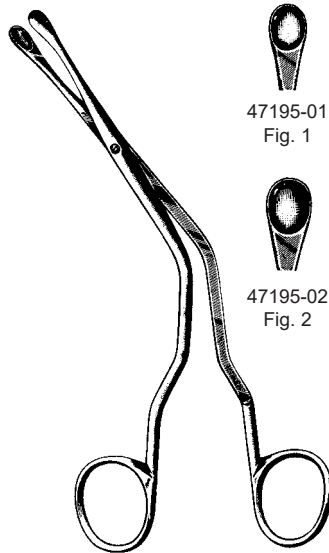


BRUENINGS  
47191-01 - 47191-04  
19 cm, 7 1/2"

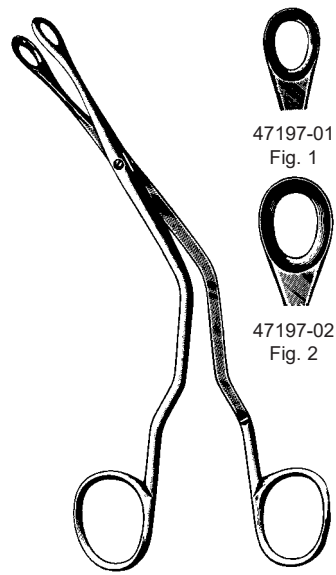
Scharfe Nasenzangen, Septumzangen  
 Nasal Cutting Forceps, Septum Forceps  
 Pinzas cortantes nasales y para el tabique nasal  
 Pinze taglianti nasali, Pinze per il setto nasale



CRAIG  
 47192-18  
 18 cm, 7"



LUC  
 47195-01 - 47195-02  
 19 cm, 7 1/2"



LUC  
 47197-01 - 47197-02  
 19 cm, 7 1/2"

Fig. 1  
 47223-01  
 3,0 mm

Fig. 2  
 47223-02  
 3,6 mm

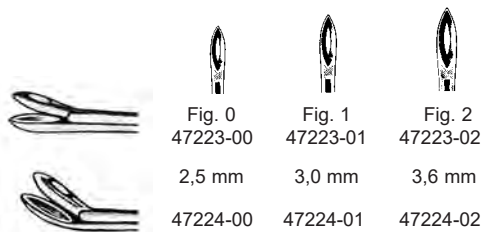


Fig. 0  
 47223-00  
 2,5 mm

Fig. 1  
 47223-01  
 3,0 mm

Fig. 2  
 47223-02  
 3,6 mm

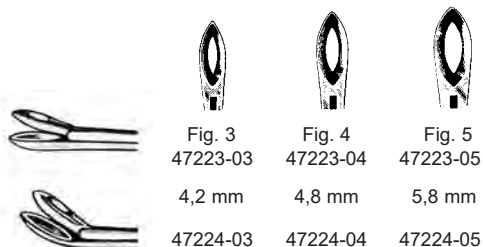
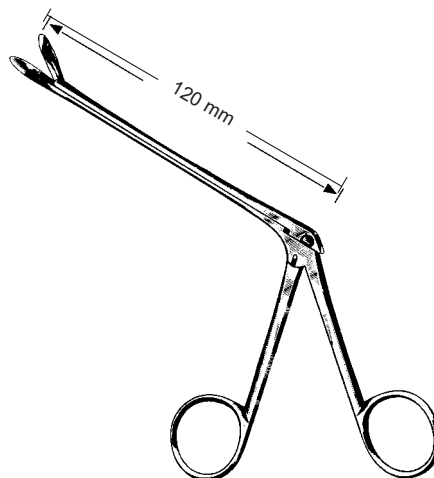


Fig. 3  
 47223-03  
 4,2 mm

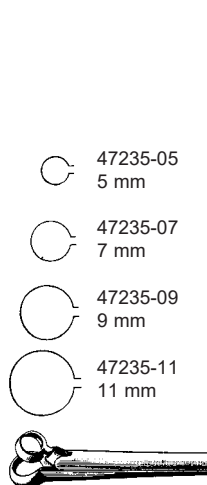
Fig. 4  
 47223-04  
 4,8 mm

Fig. 5  
 47223-05  
 5,8 mm

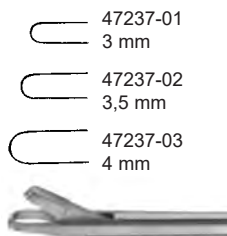


WEIL-BLAKESLEY  
 47223-01 - 47224-05

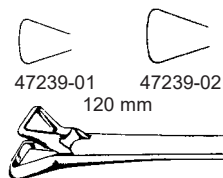
Scharfe Nasenzangen  
Nasal Cutting Forceps  
Pinzas cortantes nasales  
Pinze taglianti nasali



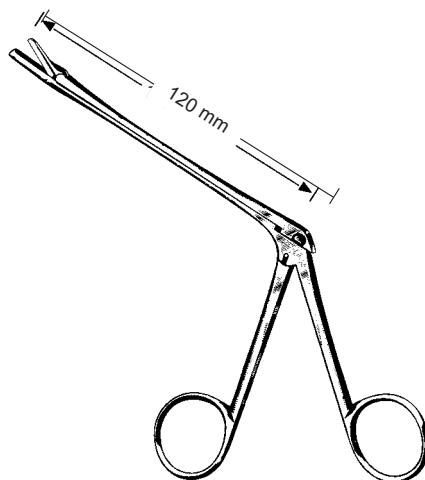
HARTMANN



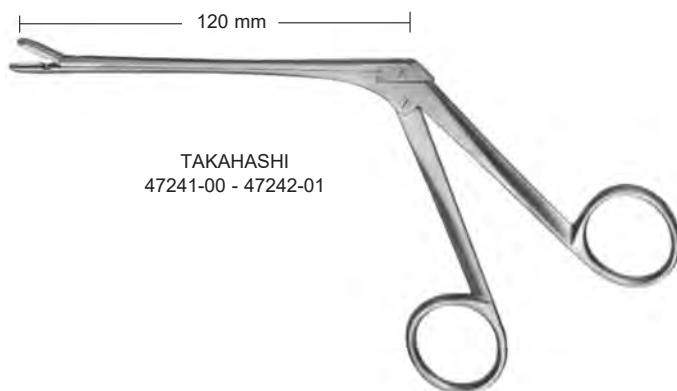
MYLES



SCHMEDEN



STRUYCKEN  
47240-19  
1.5 mm



TAKAHASHI  
47241-00 - 47242-01



47241-00



47242-00

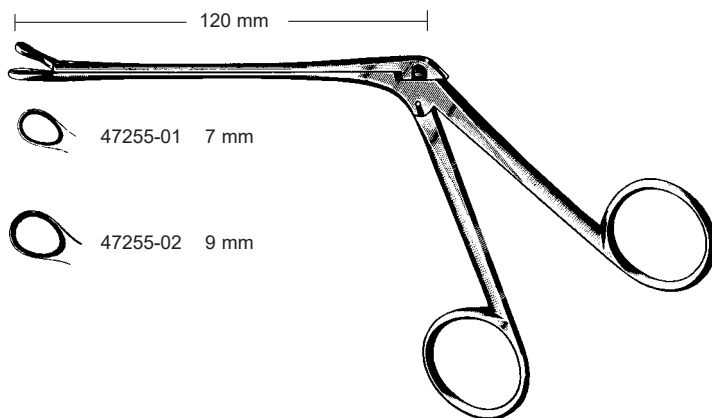


47242-01

Scharfe Nasenzangen, Septumzange, Kieferhöhlenstanze  
 Nasal Cutting Forceps, Septum Forceps, Antrum Punch Forceps  
 Pinzas cortantes nasales, Pinza para magullar tabique, Pinzas cortantes para maxilares  
 Pinze taglienti nasali, Pinza per ammaccare il setto, Pinze taglienti per seno mascellare



RUBIN  
 47251-21  
 21 cm, 8 1/4"



WATSON-WILLIAMS  
 47255-01



CAPLAN  
 47256-20  
 20 cm, 8"



KERRISON  
 3x3 mm 47303-03  
 4x4 mm 47303-04  
 5x5 mm 47303-05  
 6x6 mm 47303-06  
 17 cm, 6 3/4"

Kieferhöhlenstanze, Nasenschere  
Antrum Punch Forceps, nasal scissors  
Pinzas cortantes para maxilares, tijera nasal  
Pinze sfenoidali, forbici nasali



47304-01 5x3,5 mm

47304-03 5x4 mm

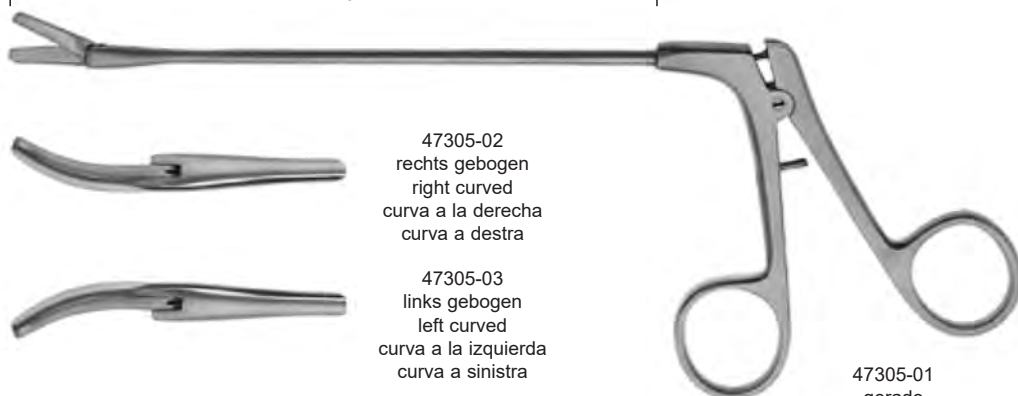
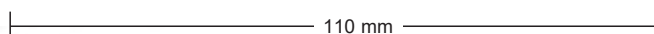


47304-02 5x3,5 mm

47304-04 5x4 mm



HAJEK-KOFLER  
47304-01 - 47304-04



47305-02  
rechts gebogen  
right curved  
curva a la derecha  
curva a destra

47305-03  
links gebogen  
left curved  
curva a la izquierda  
curva a sinistra

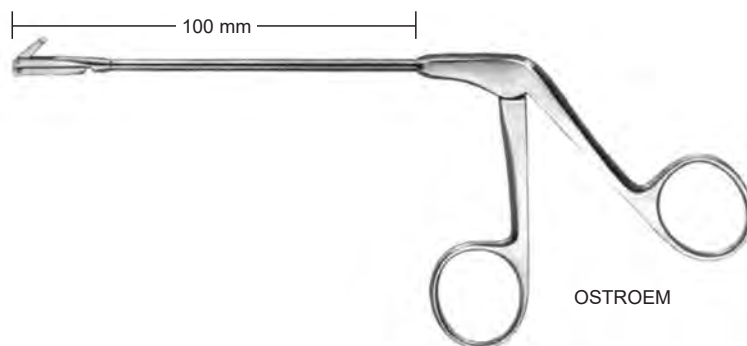
47305-01  
gerade  
straight  
recta  
retta

Knochenstanze, Septumzangen

Punches, Septum Forceps

Pinzas osteótomos, Pinzas para el tabique nasal

Pinze osteotomi, Pinze per il setto nasale



OSTROEM



47315-00  
2 mm  
oben schneidend  
up cutting  
cortante por arriba  
tagliante in alto



47316-00  
2 mm  
rechts schneidend  
right cutting  
cortante a la derecha  
tagliante a destra



47317-00  
2 mm  
links schneidend  
left cutting  
cortante a la izquierda  
tagliante a sinistra



CITELLI  
47311-10 1,0 mm  
47311-25 2,5 mm  
47311-30 3,0 mm



MIDDLETON-JANSEN  
47323-19  
19 cm, 7 1/2"



MIDDLETON-JANSEN  
47325-19  
19 cm, 7 1/2"

Kieferhöhlenstanze, Sinuskopie-Zangen  
 Antrum Punch Forceps, Sinuscopy forceps  
 Pinzas cortantes para maxilares, Pinzas para senoscopia  
 Pinze sfenoidali per seno mascellare, Pinze per sinuscopy



HAJEK-KOFLER  
 47316-16  
 3,5 mm



Maul  
 jaw  
 boca  
 morso

65° ○ 3 mm rund  
 70° ○  
 90° ○ } oval  
 110° ○

horizontal öffnend  
 horizontal cutting  
 abierta horizontal  
 apertura orizzontale

47317-65  
 47317-70  
 47317-90  
 47317-11

vertikal öffnend  
 vertical cutting  
 abierta vertical  
 apertura verticale

47318-65  
 47318-70  
 47318-90  
 47318-11

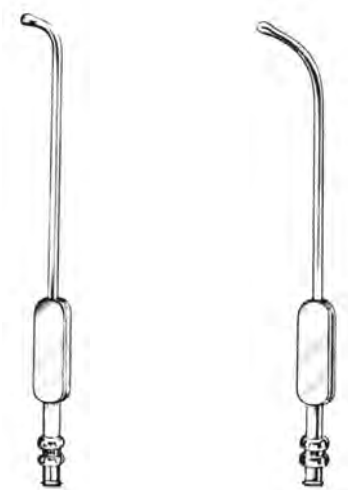
Zirkular Stanze  
Circular Forceps  
Pinza circular  
Pinza circolare



|          |        |
|----------|--------|
| 47319-35 | 3,5 mm |
| 47319-45 | 4,5 mm |



Spülkanülen, Stirnhöhlendilatator  
cannulas, Frontal sinus bougies  
cánulas, Dilatador para el seno  
cannulas, Dilatore per seno frontale



EICKEN (KILLIAN)

14,5 cm, 5 3/4"

Ø

|          |        |          |
|----------|--------|----------|
| 47331-20 | 2,0 mm | 47332-20 |
| 47331-25 | 2,5 mm | 47332-25 |
| 47331-30 | 3,0 mm | 47332-30 |
| 47331-40 | 4,0 mm | 47332-40 |



Ø mm RITTER-HALLE

|     |          |
|-----|----------|
| 2,5 | 47342-25 |
| 3,0 | 47342-30 |
| 4,0 | 47342-40 |

Kiefer- und Stirnhöhlen-Spülkanülen, Saugraspatorium  
Antrum and Frontal Sinus Wash Cannulas, Suction Raspatory  
Cánulas lavadoras para seno maxilar y seno frontal, Legra de succión  
Cannule per seno mascellare e seno frontale, Raspatorio con aspiratore



KILLIAN  
Ø 1,5 mm  
47345-15



GULEN  
19 cm, 7 1/2"  
47347-20

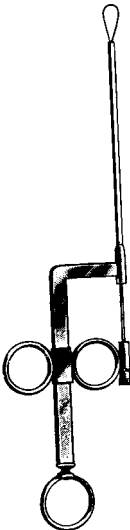
Polypenschnürer  
Nasal Polypus Snares  
Polipótomos  
Serranodi



KRAUSE-VOSS  
47350-26  
26 cm, 10 1/4"



KRAUSE  
47351-26  
26 cm, 10 1/4"



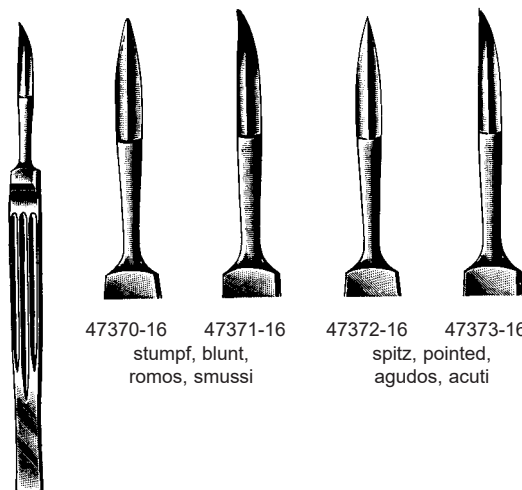
WILDE  
47352-24  
24 cm, 9 1/2"



Bündel mit 12 Stück  
Bundle with 12 pieces  
12 piezas atados  
confezione di 12 pezzi

47355-03 0,3 mm

Nasenmesser  
Nasal Knives  
Bisturies nasales  
Coltelli nasali



47370-16 47371-16  
stumpf, blunt,  
romos, smussi

47372-16 47373-16  
spitz, pointed,  
agudos, acuti

JOSEPH  
47370-16 - 47373-16  
16 cm, 6 1/4"

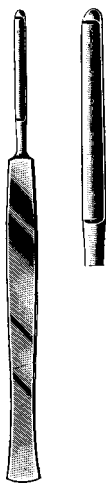


FREER  
47374-16  
16,5 cm, 6 1/2"

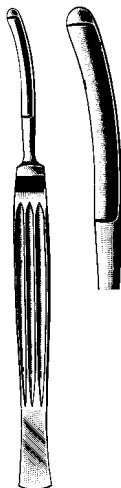


FREER  
47375-19  
19 cm, 7 1/2"

Nasenplastik- und Operationsmesser, Sichelmesser, Küretten  
 Rhinoplastic and Nasal Knives, Septum Sickle Knives, Curettes  
 Bisturies para plastica y operaciones de la nariz, Bisturies para el tabique nasal, Curetas  
 Bisturi per la plastica ed operazioni nasali, coltelli per setto, Curette



JOSEPH  
47376-16  
16 cm, 6 1/4"



CONVERSE  
47379-16  
16 cm, 6 1/4"



COTTLE  
47380-15  
15 cm, 6"



COTTLE  
47382-15  
15 cm, 6"



JOSEPH  
47384-15  
15 cm, 6"



JOSEPH  
47385-15  
15 cm, 6"



REDA  
19 cm, 7 1/2"



47386-01  
spitz  
pointed  
agudo  
acuto



47386-02  
stumpf  
blunt  
romo  
smusso



47387-01  
vorwärts schneidend  
forward cutting  
corte hacia adelante  
taglio in avanti



47387-02  
rückwärts schneidend  
backward cutting  
corte hacia atras  
taglio retrograde



ANTRUM  
19 cm, 7 1/2"

Schwingmesser  
 Septum Swivel Knives  
 Bisturies para el tabique nasal  
 Coltelli per setto



BALLENGER  
 47390-03 - 47392-05  
 20 cm, 8"



47390-03  
 3 mm



47390-04  
 4 mm



47390-05  
 5 mm



47392-03  
 3 mm



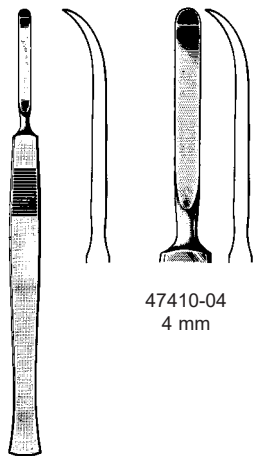
47392-04  
 4 mm



47392-05  
 5 mm



Septum Elevatoren  
Septum Elevators  
Elevadores para el tabique  
Elevatori per setto



47410-04  
4 mm

McKENTY  
47410-04 - 47410-05  
15 cm, 6"



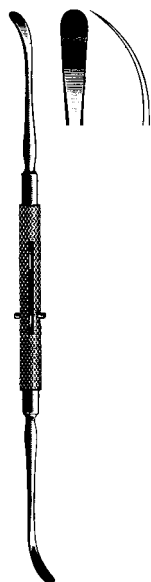
47410-05  
5 mm



HALLE  
47410-16  
16.5 cm, 6 1/2"



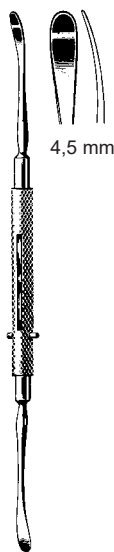
JOSEPH  
47411-16  
16 cm, 6 1/4"



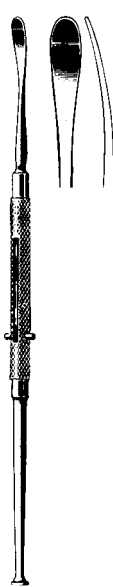
ROGER  
47413-19  
19 cm, 7 1/2"



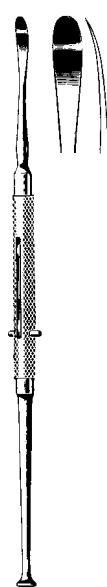
MASING  
47414-21  
22 cm, 8 3/4"



47415-18  
FREER  
18 cm, 7"



FREER  
47417-19  
19 cm, 7 1/2"



FREER  
47419-19  
19 cm, 7 1/2"

Septum Elevatoren  
Septum Elevators  
Elevadores para el tabique  
Elevatori per setto



KILLIAN  
47420-01  
18,5 cm, 7 1/4"



PIERCE  
47420-02  
21 cm, 8 1/4"



SINUS  
47420-03  
18 cm, 7"



PENNINGTON  
47420-04  
21 cm, 8 1/4"



McKENTY  
47420-20  
22 cm, 8 3/4"



HOWARTH  
47421-21  
21,5 cm, 8 1/2"



Septum Elevatoren  
Septum Elevators  
Elevadores para el tabique  
Elevatori per setto



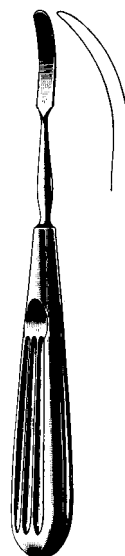
COTTLE  
47421-23  
23 cm, 9"



COTTLE JOSEPH  
47422-22  
22 cm, 8 3/4"



COTTLE  
47423-22  
22 cm, 8 3/4"



COTTLE  
47424-16  
16 cm, 6 1/4"



COTTLE  
47425-19  
19 cm, 7 1/2"



KILLIAN  
47426-22  
22 cm, 8 3/4"



HAJEK-BALLENGER  
47428-21  
22 cm, 8 3/4"



BALLENGER  
47430-22  
22 cm, 8 3/4"

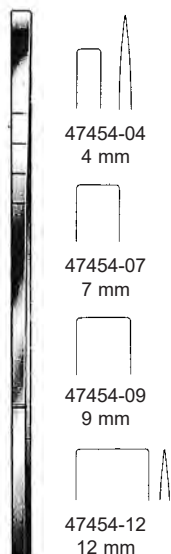


FREER  
47450-04  
15 cm, 6"



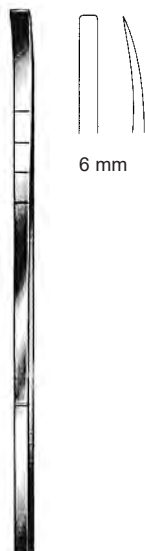
FREER  
47451-04  
15 cm, 6"

Osteotome, Knorpelquetscher  
 Osteotomes, Cartilage crusher  
 Osteótomos, Macha cadera  
 Osteotomi, Tritacartilagine



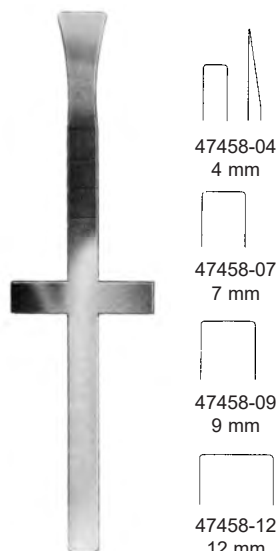
COTTLE

47454-04 - 47454-12  
 18 cm, 7"

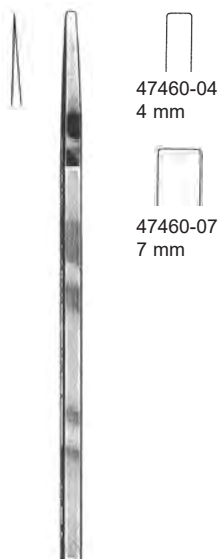


COTTLE

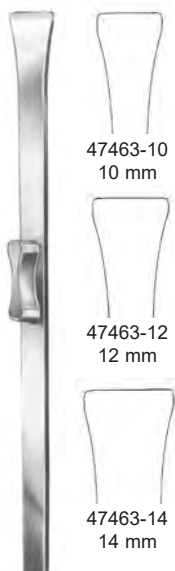
47455-06  
 18 cm, 7"



COTTLE  
 47458-04 - 47458-12  
 18 cm, 7"



COTTLE  
 18 cm, 7"

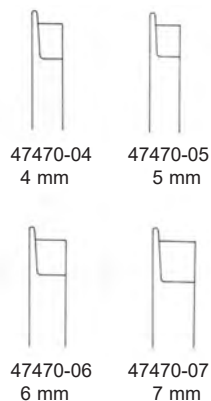


RUBIN  
 18,5 cm, 7 1/4"

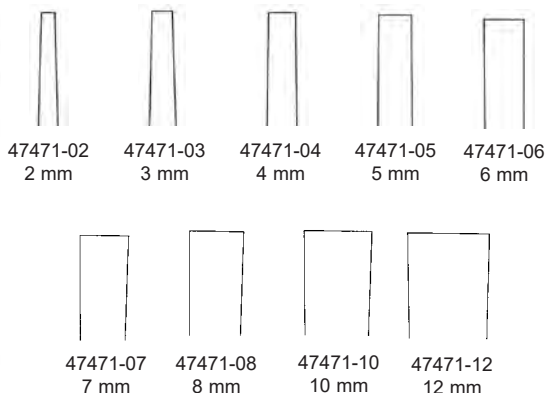


COTTLE  
 Knorpelquetscher  
 47461-00

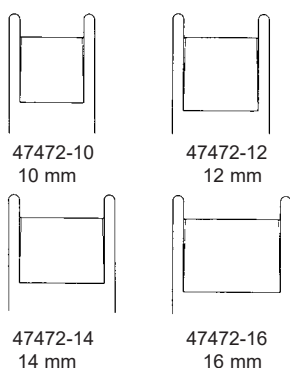
Osteotome, Septum Meißel  
Osteotomes, Rhinoplastic Chisels  
Osteótomos, Cinceles para la plàstica nasal  
Osteotomi, Scalpelli per plastica nasale



FOMON  
47470-04 - 47470-07  
17 cm, 6 3/4"

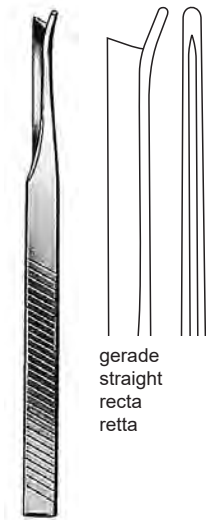


SHEEHAN  
47471-07 - 47471-12  
16 cm, 6 3/4"



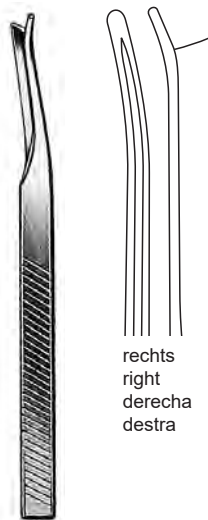
CINELLI  
47472-10 - 47472-16  
16 cm, 6 1/4"

Septum Meißel, Osteotom  
 Rhinoplastic Chisels, Osteotom  
 Cinceles para la plástica nasal, Osteotom  
 Scalpelli per plastica nasale, Osteotom



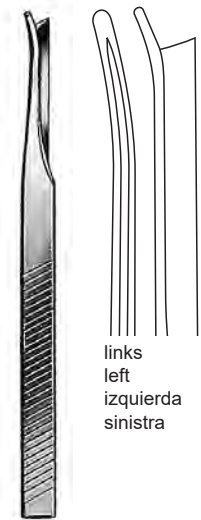
gerade  
straight  
recta  
retta

SILVER  
47473-01  
18 cm, 7"



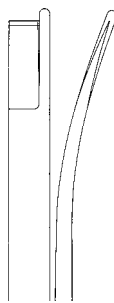
rechts  
right  
derecha  
destra

SILVER  
47473-02  
18 cm, 7"



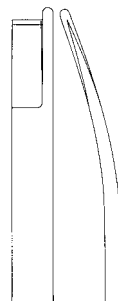
links  
left  
izquierda  
sinistra

SILVER  
47473-03  
18 cm, 7"



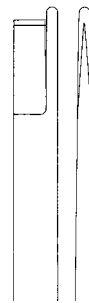
47474-01

rechts  
right  
derecha  
destra



47474-02

links  
left  
izquierda  
sinistra



47474-03

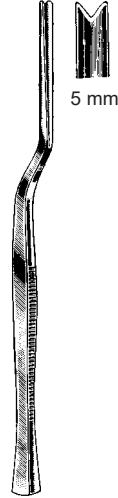
gerade  
straight  
recta  
retta

NEIVERT-ANDERSON  
47474-01 - 47474-03  
20,5 cm, 8" 7 mm

Septum-Hohlmeißel, Osteotom  
 Septum Gouges, Osteotom  
 Gubias para tabique nasal, Osteótom  
 Sgorbie per il setto nasale, Osteotom



KILLIAN  
 47481-05  
 16 cm, 6 1/4"



KILLIAN-CLAUS  
 47482-05  
 17 cm, 6 3/4"



mm HAJEK  
 4 47484-04  
 6 47484-06  
 8 47484-08  
 16 cm, 6 1/4"



WEST  
 47486-16  
 16 cm, 6 1/4"

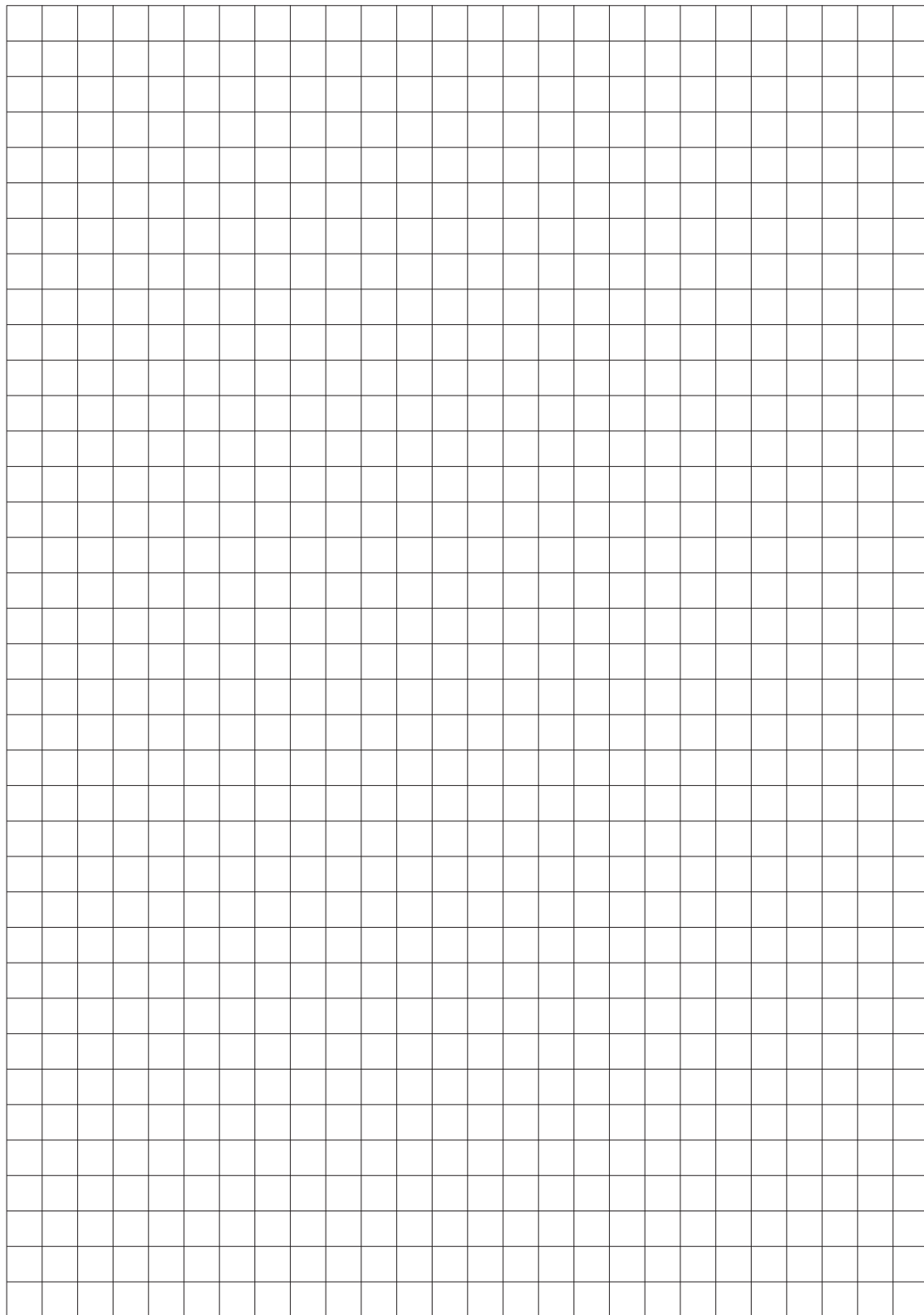


WEST  
 47487-16  
 16 cm, 6 1/4"

6 mm



FREER  
 47489-16  
 16 cm, 6 1/4"



Knochenfeile, Nasenraspeln  
 Bone File, Nasal Rasps  
 Limas para hueso, Escofinas nasales  
 Lime per ossa, Raspa nasale



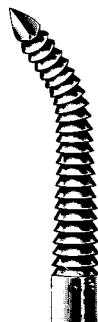
JOSEPH  
 47502-16  
 16 cm, 6 1/4"



MALTZ  
 47504-18  
 18 cm, 7"



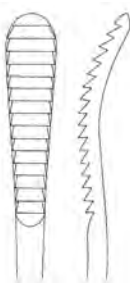
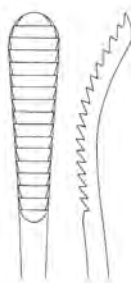
WIENER  
 47507-17 - 47507-19  
 18 cm, 7"



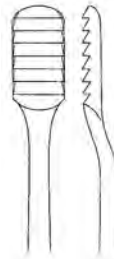
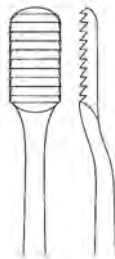
47507-17



47507-19

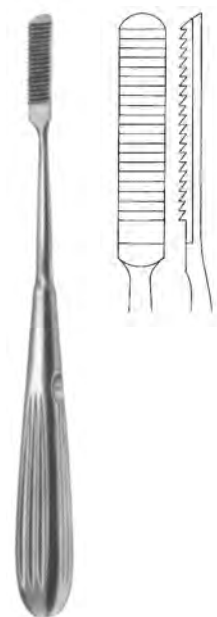


AUFRICHT  
 47511-21 21 cm, 8 1/4" 47513-21

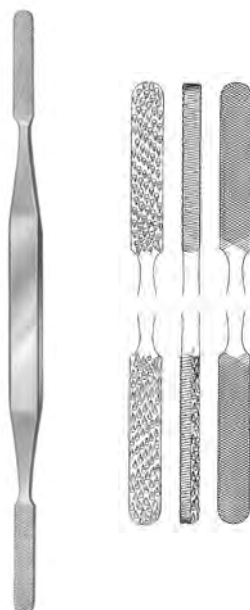


JOSEPH (LEWIS)  
 47514-16 18 cm, 7" 47516-16

Nasenraspeln  
Nasal Rasps  
Escofinas nasales  
Raspa nasale



MALTZ (COTTLE)  
47518-21  
21 cm, 8 1/4"



FOMON  
47520-21  
21 cm, 8 1/4"





Nasenraspeln  
Nasal Rasps  
Escofinas nasales  
Raspa nasale



FOMON

47522-01 - 47522-09 TC  
20 cm, 8"



Fig. 1/2

47522-01 TC



Fig. 3/4

47522-04 TC

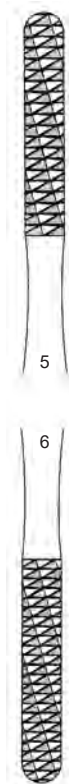


Fig. 5/6

47522-05 TC



Fig. 7/8

47522-07 TC

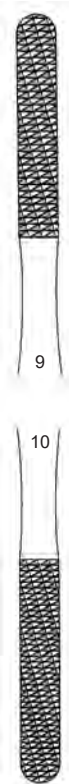


Fig. 9/10

47522-09 TC

Nasenraspeln, Nasensägen  
 Nasal Rasps, Nasal Saws  
 Escofinas nasales, Sierras nasales  
 Raspa nasale, Seghe nasale



PEET  
 47523-01 —  
 47523-02 —  
 19 cm, 7 1/2"



GALLAHER  
 47526-16 - 47529-16  
 16 cm, 6 1/4"



Fig. 1  
 47526-16



Fig. 2  
 47527-16

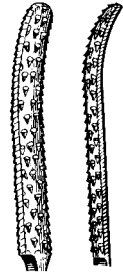


Fig. 3  
 47529-16



JOSEPH  
 19 cm, 7 1/2"



47533-19

gerade  
 straight  
 recta  
 retta



47532-19

links  
 left  
 izquierda  
 sinistra



47534-19

rechts  
 right  
 derecha  
 destra

Nasenhaken  
Nasal retractor  
Retradores nasales  
Retrattori nasali



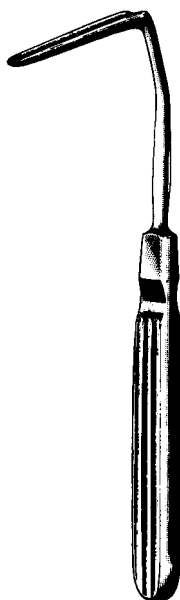
COTTLE  
47540-16  
16 cm, 6 1/4"



MASING  
47541-14  
14 cm, 5 1/2"



AUFRICHT  
47542-12  
12 cm, 4 3/4"



AUFRICHT  
47551-16  
16 cm, 6 1/4"



AUFRICHT  
47551-16CL  
16 cm, 6 1/4"



MASING-NEIVERT  
47552-16  
16 cm, 6 1/4"

Nasenhaken, Hauthäkchen  
 Nasal retractor  
 Retractores nasales, Ganchos para la piel  
 Retrattori nasali, uncini nasali

10 x 12 mm



COTTLE  
 47553-15  
 15 cm, 6"



COTTLE  
 14,5 cm, 5 3/4"



47554-01



47554-02



47554-03

3 x 11 mm



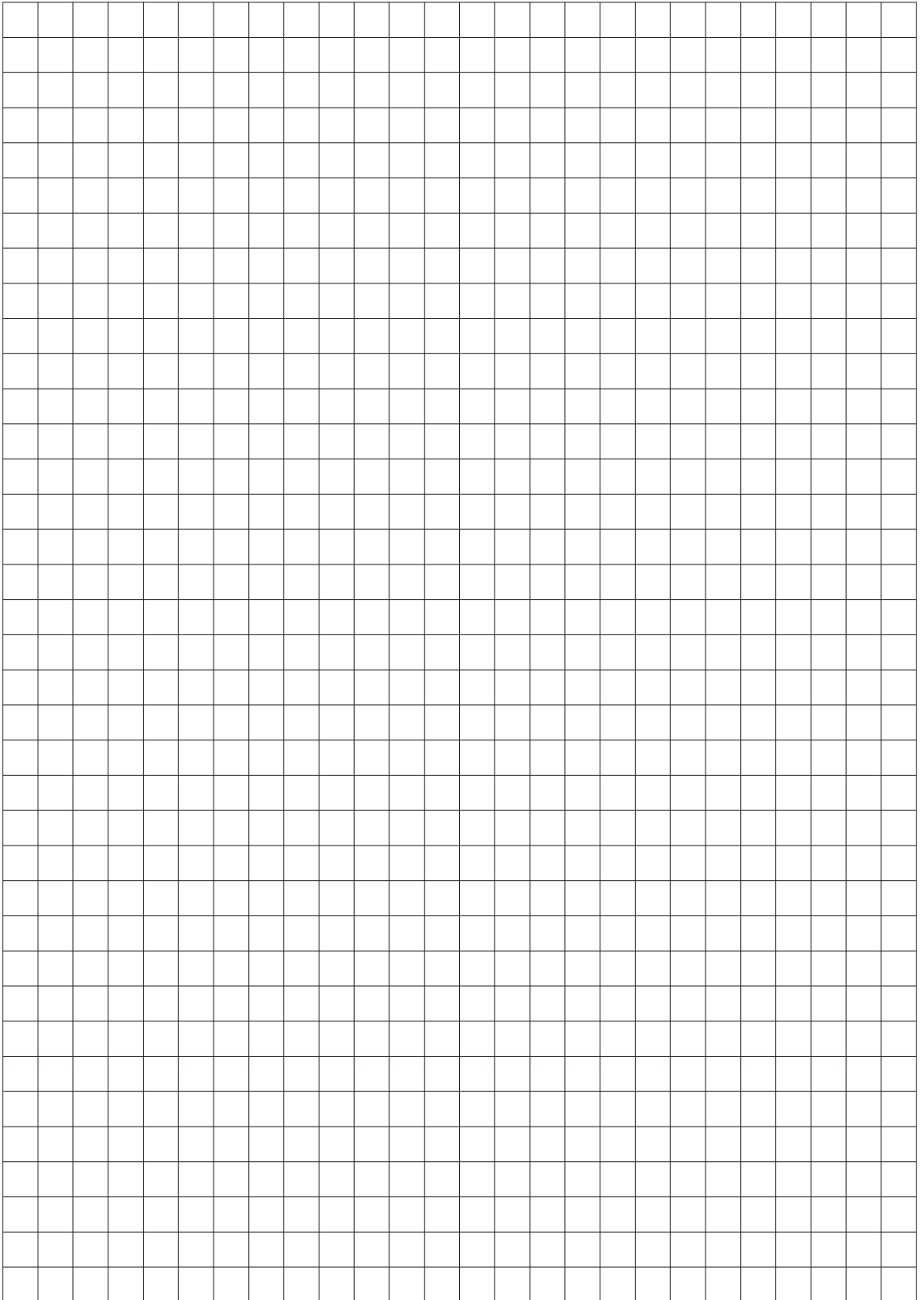
KILNER  
 47555-08  
 8 cm, 3 1/8"



FOMON  
 47556-16  
 16 cm, 6 1/4"



FOMON  
 47557-17  
 17 cm, 6 3/4"



Hauthäkchen, Columella Pinzette  
 Retractor, Columnella forceps  
 Ganchos para la piel, Pinza para columnela  
 Uncini, Pinzetta columella



FREER  
 47558-15  
 15 cm, 6"



COTTLE-NEIVERT  
 47559-20  
 20 cm, 8"



Fig. 1  
 47560-18



Fig. 2  
 47562-18

GILLIES  
 18 cm, 7"



LANGE  
 47563-22  
 23 cm, 9"



COTTLE  
 47564-16  
 16 cm, 6 1/4"



COTTLE  
 47565-10  
 10 cm, 4"

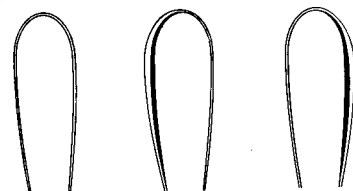


CONVERSE  
 47566-12  
 12 cm, 4 3/4"

Septumrichtzangen, Küretten  
 Septum Straightening Forceps, Curettes  
 Pinza para enderezar el tabique nasal, curetas  
 Pinza per la plastica nasale, Curette



ASCH  
 47571-23  
 23 cm, 9"

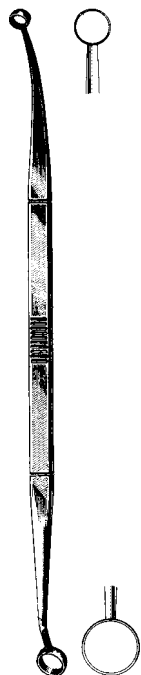


47572-23  
 gerade  
 straight  
 recta  
 retta

47573-23  
 links  
 left  
 izquierda  
 a sinistra

47575-23  
 rechts  
 right  
 derecha  
 a destra

WALSHAM  
 47572-23 - 47575-23  
 23 cm, 9"



FAULKNER  
 47601-21  
 21 cm, 8 1/4"



COAKLEY  
 47607-01 - 47607-06  
 17 cm, 6 3/4"

5,5 mm



47607-01  
 Fig. 1



47607-02  
 Fig. 2



47607-03  
 Fig. 3

7,0 mm



47607-04  
 Fig. 4

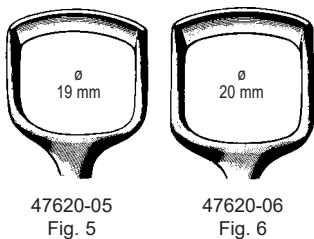
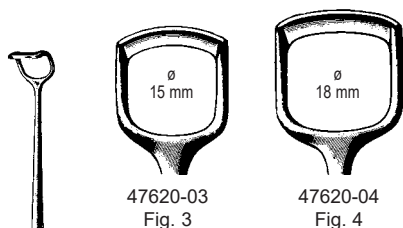
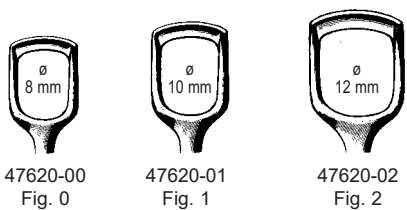


47607-05  
 Fig. 5

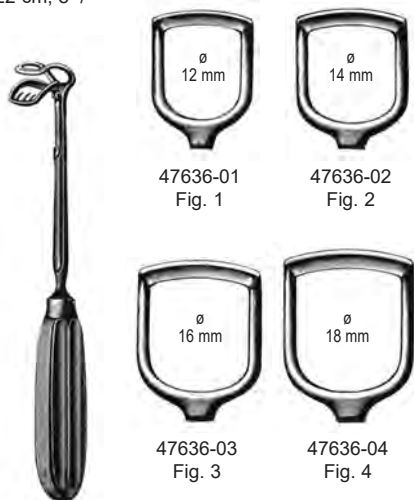


47607-06  
 Fig. 6

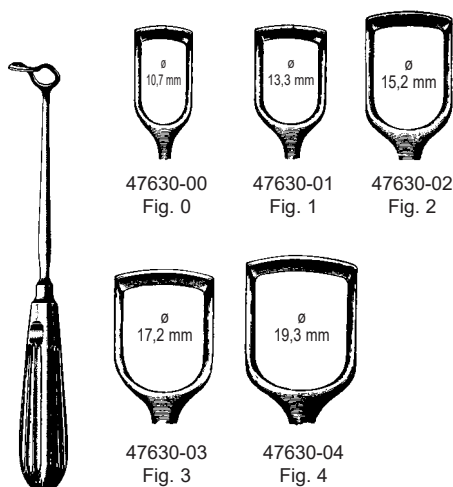
Ringmesser  
Adenoid Curettes  
Cuchillos para vegetaciones adenoides  
Coltelli per vegetazioni adenoide



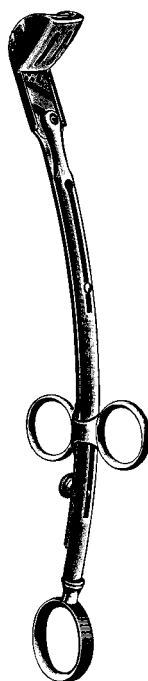
BECKMANN  
47620-01 - 47620-06  
22 cm, 8 3/4"



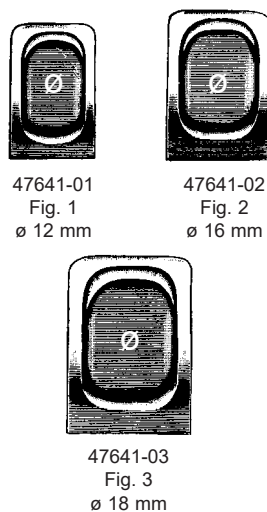
St. CLAIR-THOMSON  
47636-01 - 47636-04  
21 cm, 8 1/4"



BARNHILL  
47630-01 - 47630-04  
21 cm, 8 1/4"



LAFORCE  
47641-01 - 47641-03  
25 cm, 10"



Ersatzklingen allein, gelocht  
Spare blades, perforated  
Hojas de repuesto, perforadas  
Lame di ricambio, forate

Fig. 1 47642-01  
Fig. 2 47642-02  
Fig. 3 47642-03



Zungenspatel, Wangen- und Lippenhalter  
Tongue Depressors, Cheek and Lip Retractors  
Baja-lenguas, Separadores para labios y mejillas  
Abbassalingua, Divaricatori per guance e labbra

Holz  
wood  
madera  
legno



49102-16  
16 cm, 6 1/4"  
Pack. à 100

21,7 mm



MAYO  
49103-17  
17 cm, 6 3/4"

21,4 mm



KROENIG  
49104-15  
15 cm, 6"

23 mm



FRENZEL  
49105-16  
16,5 cm, 6 1/2"

13 mm

16 mm



49106-01  
14,5 cm, 5 3/4"

15 mm



49106-02  
14,5 cm, 5 3/4"

15 mm



19 mm

BRUENINGS  
49107-19  
19 cm, 7 1/2"

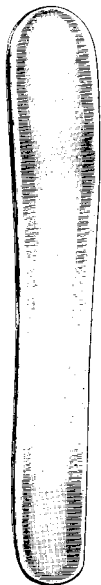
20 mm



20 mm

CAWOOD-MINNESOTA  
49108-15  
15 cm, 6"

23 mm



19 mm

BUCHWALD  
49109-19  
19 cm, 7 1/2"



DOYEN



49119-01  
13 cm / 5 1/8"

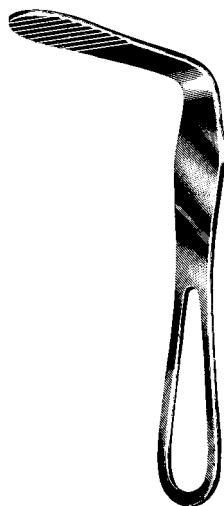


49119-02  
16 cm, 6 1/4"

Zungendrucker  
Tongue Depressors  
Baja-lenguas  
Abassalingua



MORITZ-SCHMIDT  
49110-19  
19 cm, 7 1/2"



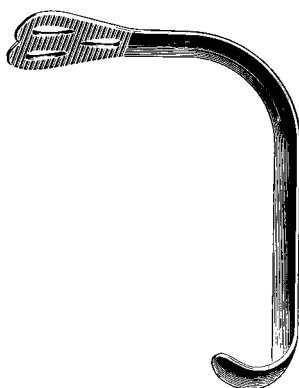
HARTMANN  
49111-15  
15 cm, 6"



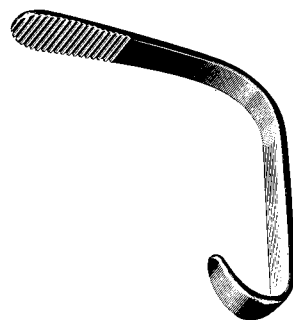
49115-01  
Fig. 1  
14 cm, 5 1/2"



49115-02  
Fig. 2  
15 cm, 6"

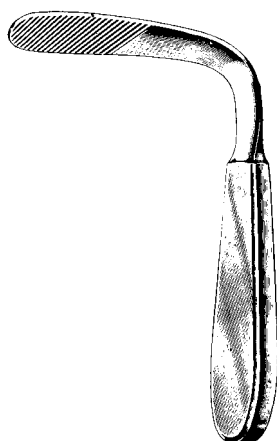


WIEDER  
49115-01 - 49115-02

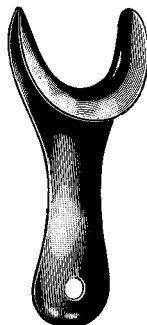


ANDREW  
49117-11  
11 cm, 4 3/8"

Zungendrucker, Wangen- und Lippenhalter, Zungenzangen  
Tongue Depressor, Cheek and Lip Retractor, Tongue Holding Forceps  
Baja-lenguas, Separadores para labios y mejillas, Pinza tira-lenguas  
Abassalingua, Divaricatori per guance e labbra, Pinza tiralingua



TOBOLD  
49119-14  
14,5 cm, 5 <sup>3</sup>/<sub>4</sub>"



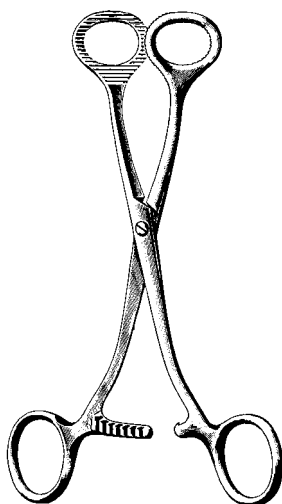
49230-11  
11 cm, 4 <sup>3</sup>/<sub>8</sub>"



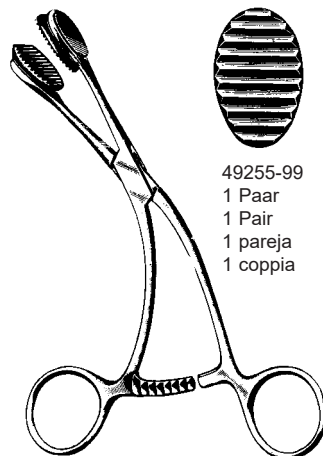
STERNBERG  
49231-12 12 cm, 4 <sup>3</sup>/<sub>4</sub>"  
49231-14 14 cm, 5 <sup>1</sup>/<sub>2</sub>"  
49231-16 16 cm, 6 <sup>1</sup>/<sub>4</sub>"



49235-19  
19 cm, 7 <sup>1</sup>/<sub>2</sub>"



COLLIN  
49250-16 16 cm, 6 <sup>1</sup>/<sub>4</sub>"  
49250-18 18 cm, 7"

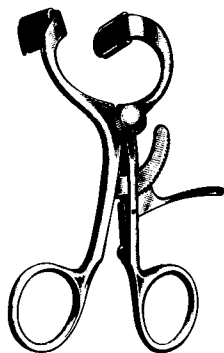


YOUNG  
49255-16  
16 cm, 6 <sup>1</sup>/<sub>4</sub>"

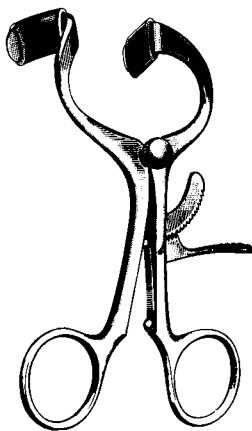


49255-99  
1 Paar  
1 Pair  
1 pareja  
1 coppia

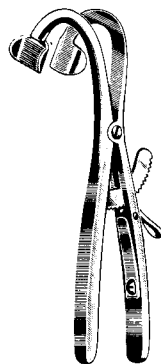
Mundsperrer  
Mouth Gags  
Abre-Bocas  
Apribocca



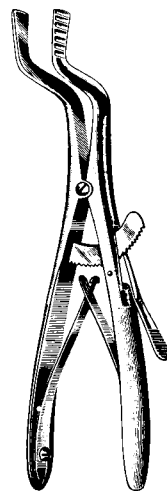
DOYEN-JANSEN (MOLT)  
49265-12  
12 cm, 4  $\frac{3}{4}$ "



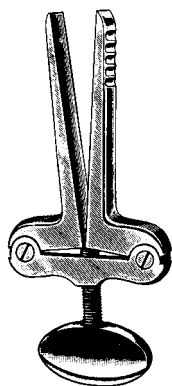
DOYEN-JANSEN (MOLT)  
49265-14  
14 cm, 5  $\frac{1}{2}$ "



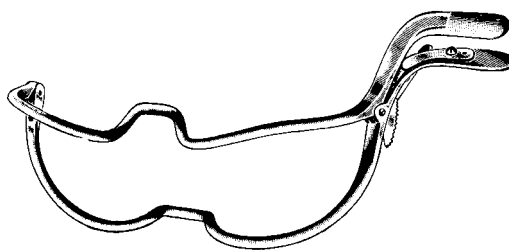
DENHART  
49267-12  
12 cm, 4  $\frac{3}{4}$ "



ROSER-KOENIG  
49270-16 16 cm, 6  $\frac{1}{4}$ "  
49270-19 19 cm, 7  $\frac{1}{2}$ "

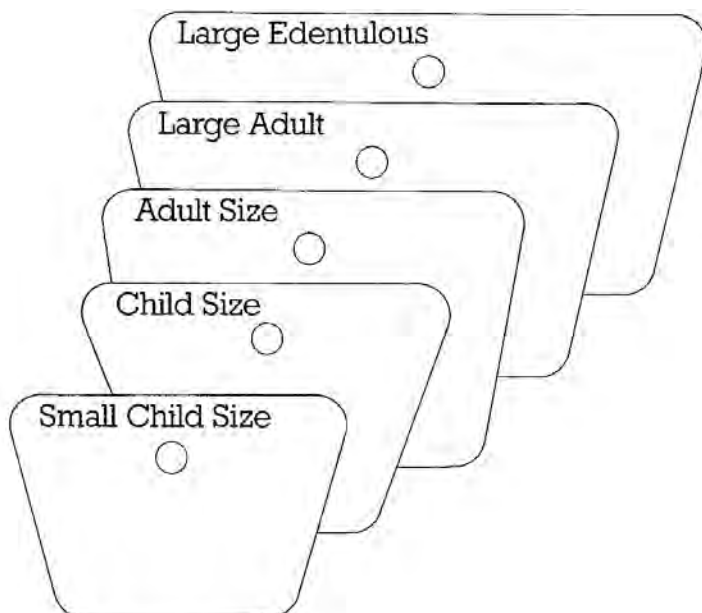


HEISTER  
49272-13  
13 cm, 5  $\frac{1}{8}$ "



JENNINGS  
49274-09 9 cm, 3  $\frac{1}{2}$ "  
49274-11 11 cm, 4  $\frac{3}{8}$ "  
49274-13 13 cm, 5  $\frac{1}{8}$ "  
49274-15 15 cm, 6"

Metallrahmen  
Metal frame  
Cuadro metálico  
Telaio metallico



#### McKESSON

kunststoffbeschichteter Metallrahmen  
ohne Kette

plastic coated metal frame  
without chain

cuadro metálico, cubierto de plástico  
sin cadena

telaio metallico, ricoperto in plastica  
senza catena

#### 49275-01

groß, für Erwachsene  
large, for adults  
grande, para adultos  
grande, per adulti

#### 49275-04

normal, für Erwachsene  
regular, for adults  
regular, para adultos  
regolare, per adulti

#### 49275-02

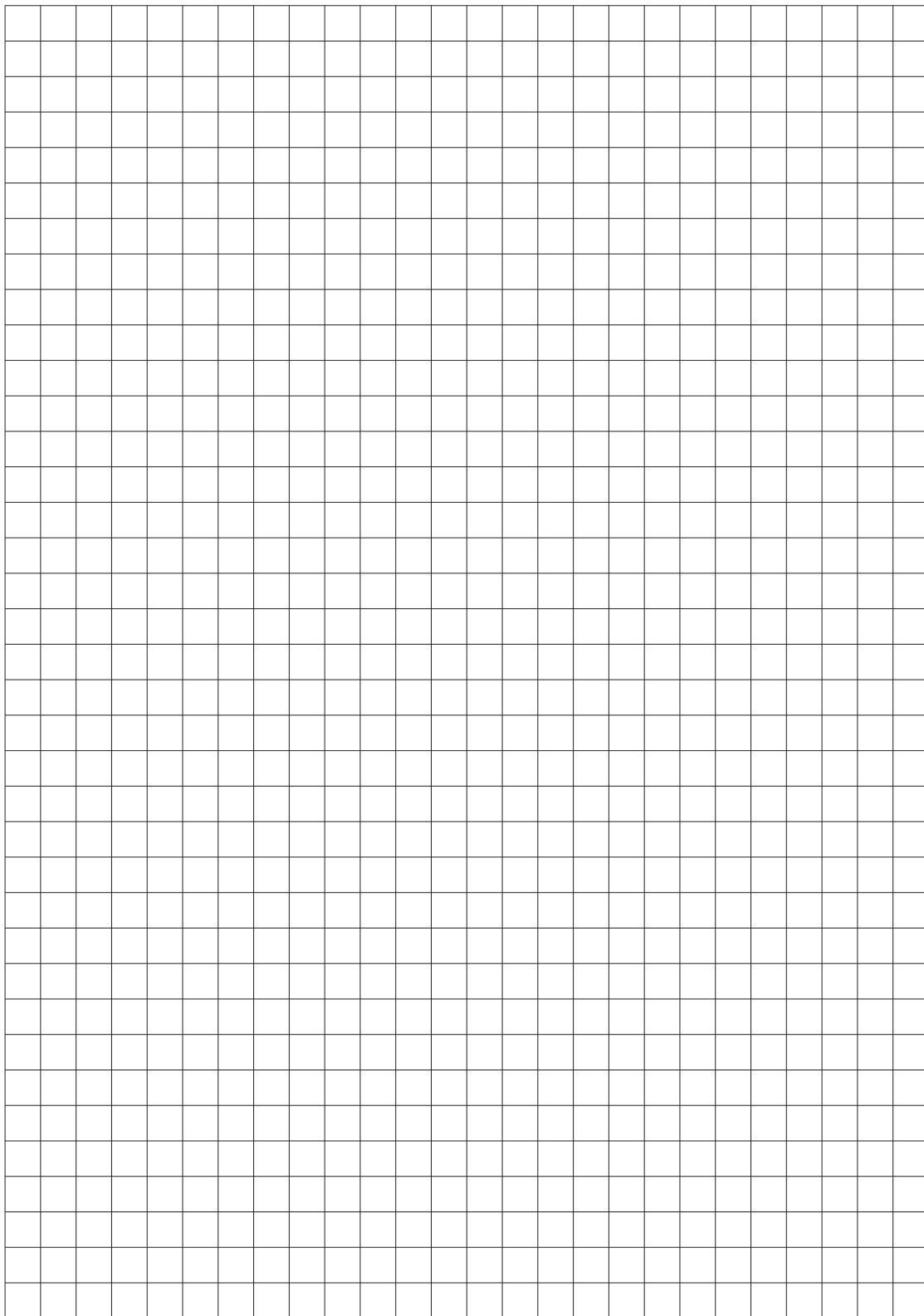
klein, für Kinder  
small, for children  
pequeño, para niños  
piccolo, per bambini

#### 49275-05

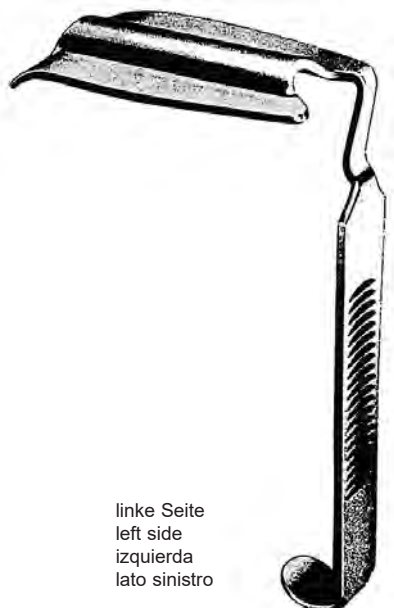
klein, für Kleinkinder  
small, for babies  
pequeño, para bebés  
piccolo, per neonati

#### 49275-03

extra groß, für Zahnlose  
extra large, for edentulous  
muy grande, para desdentados  
molto grande, per sdentati



Zungenspatel, Mundsperrer  
Tongue depressor, Mouth Gags  
Baja-lengua, Abrebocas  
Abbassalingua, Atribocca



linke Seite  
left side  
izquierda  
lato sinistro



rechte Seite  
right side  
derecha  
lato destro

RING

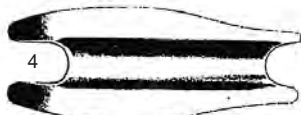
- |                 |          |
|-----------------|----------|
| 49287-02 Fig. 2 | 49288-02 |
| 49287-03 Fig. 3 | 49288-03 |
| 49287-04 Fig. 4 | 49288-04 |
| 49287-05 Fig. 5 | 49288-05 |



23x58 mm



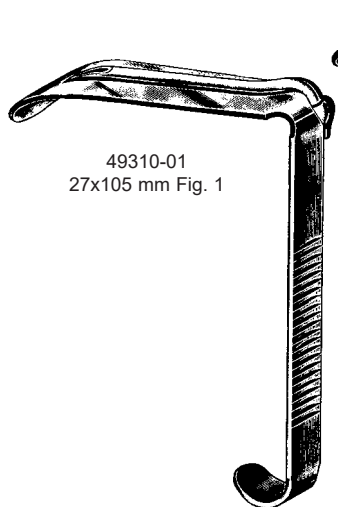
27x72 mm



34x97 mm



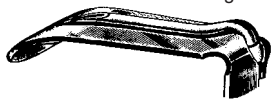
37x95 mm



49310-01  
27x105 mm Fig. 1



49310-02  
25x90 mm Fig. 2



49310-03  
25x75 mm Fig. 3



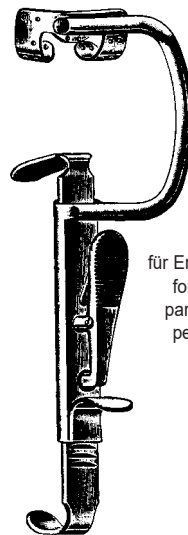
49310-04  
22x60 mm Fig. 4



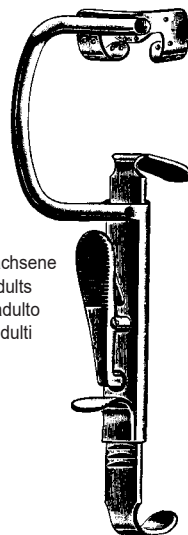
49310-05  
20x25 mm Fig. 5

DAVIS-BOYLE  
49310-00  
compl.

49310-08 Silikoneinlagen/Silicone pads  
inserto de silicona/inserto in silicone



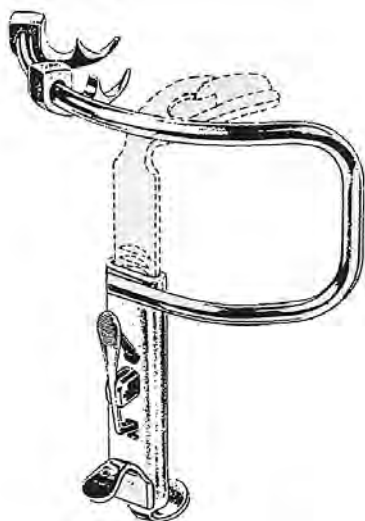
49310-10  
Sperrer allein, links  
Gag only, left  
Abre-boca suelta, izquierda  
Atribocca solo, sinistra



49310-12  
Sperrer allein, rechts  
Gag only, right  
Abre-boca suelta, derecha  
Atribocca solo, destra

für Erwachsene  
for adults  
para adulto  
per adulti

Mundsperrer  
Mouth Gags  
Abre-Bocas  
Apribocca



49315-10  
Sperrer allein  
Gag only  
Abre-boca solo  
Apribocca solo



49315-01  
37 x 80 mm  
Fig. 1



49315-02  
32 x 75 mm  
Fig. 2



49315-03  
28 x 65 mm  
Fig. 3

#### KILNER-DOUGHTY

49315-00  
komplett  
complete  
completo

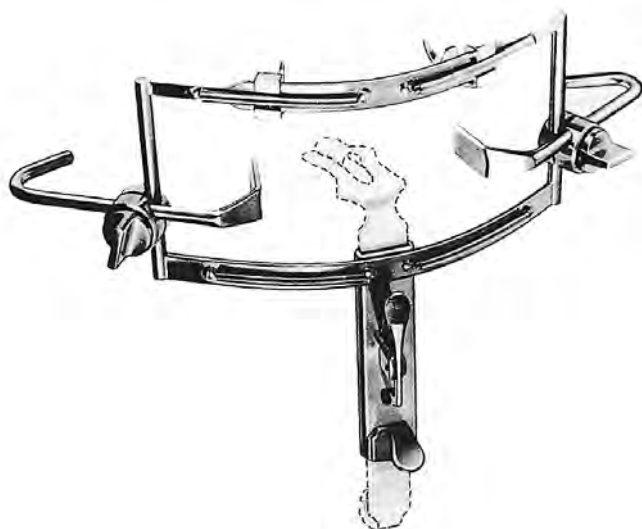
#### 49317-00 DINGMANN, complete

mit 3 auswechselbaren Zungendrucker,  
2 seitliche Wangenhaken und 2 Zahnhaken

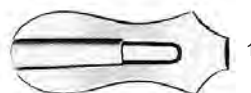
with 3 interchangeable tongue depressors,  
2 rotating cheek holders  
2 movable tooth hooks and thread guide

con 3 baja lenguas intercambiables,  
2 valvas giratorias p. los labios,  
2 ganchos graduables

con 3 depressori intercambiabili,  
2 valve laterali rotative  
2 uncini a denti mobile



DINGMANN  
49317-10  
Sperrer allein, Gag only  
Abre-boca solo, Apribocca solo



1 24x62 mm  
49317-01



2 28x65 mm  
49317-02

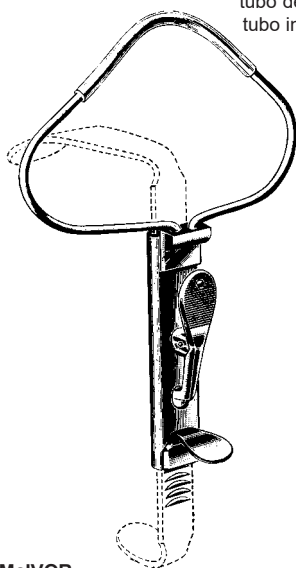


3 31x75 mm  
49317-03



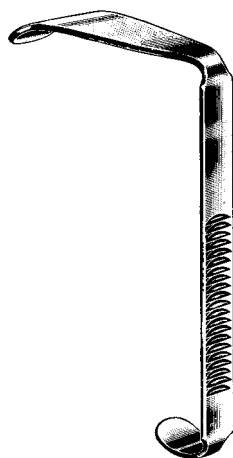
Mundsperrer  
Mouth Gag  
Abre-bocas  
Apribocca

49320-20  
Silikon-Schlauch  
Silicon Tubing  
tubo de silicona  
tubo in silicone

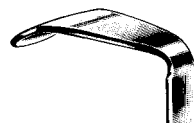


**McIVOR**  
49320-00  
compl.

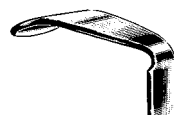
49320-10



49320-01  
27x95 mm Fig. 1



49320-02  
22x85 mm Fig. 2

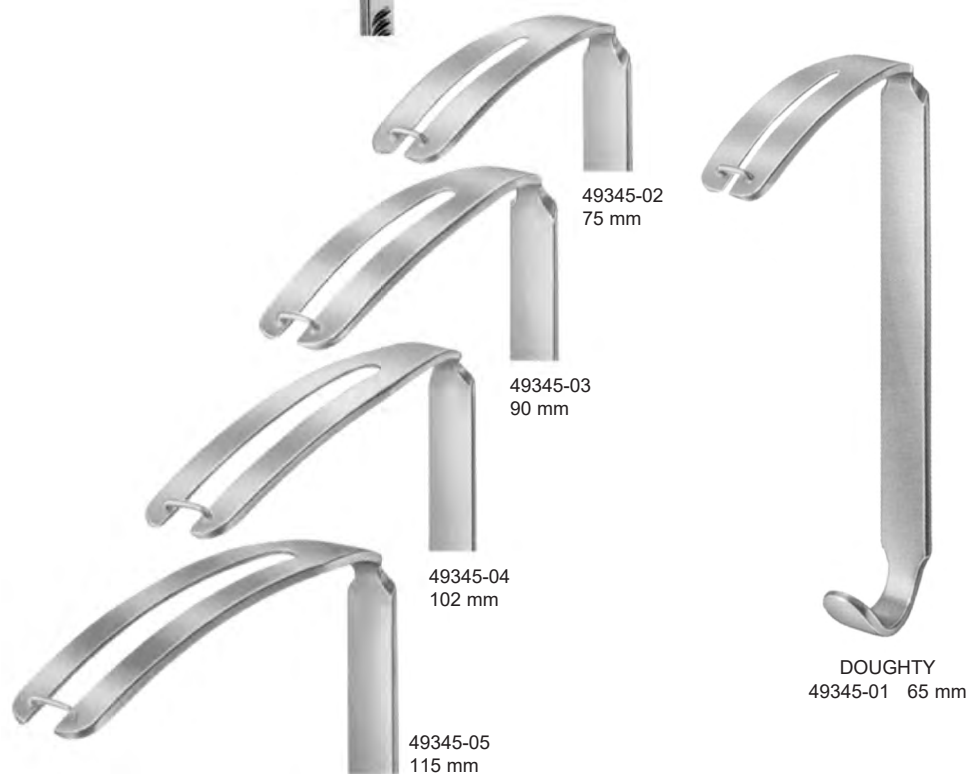
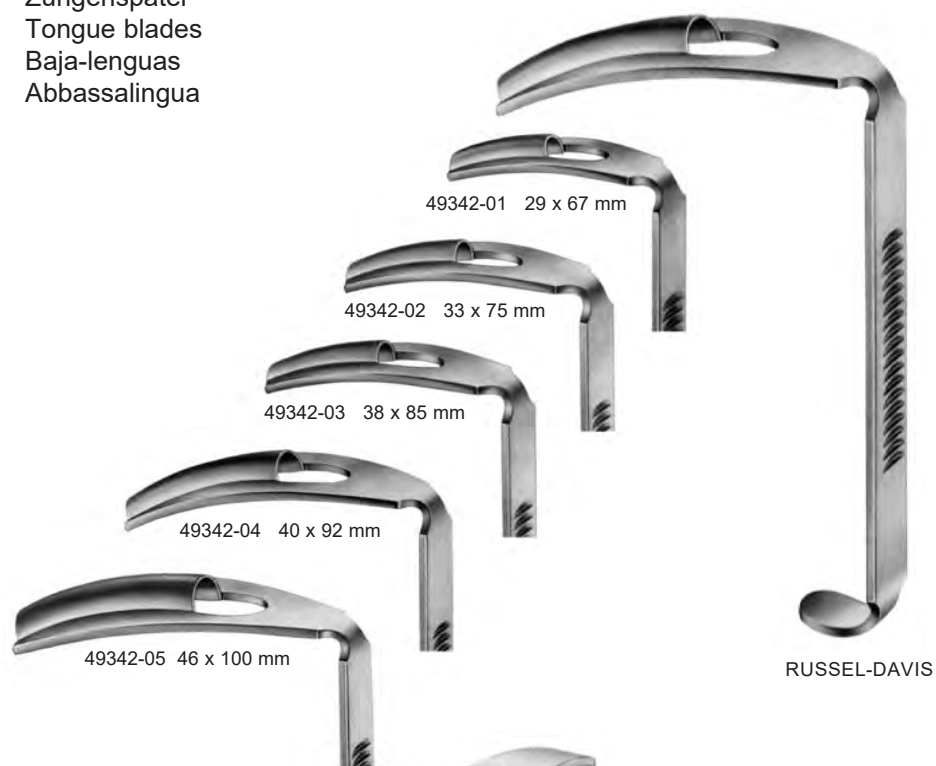


49320-03  
22x70 mm Fig. 3



**DAVIS-MEYER**  
49340-00

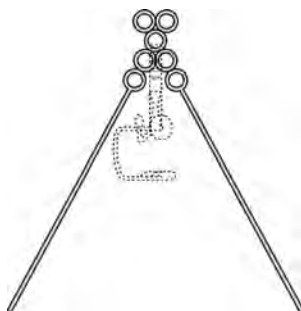
Zungenspatel  
Tongue blades  
Baja-lenguas  
Abbassalingua



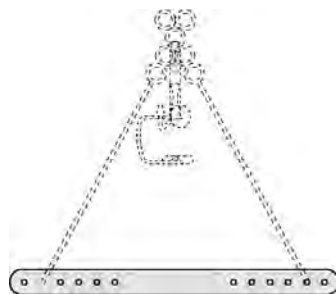
Mundkeil, Bruststütze, Repositionszange  
 Oral wedges, Chest support, Disimpaction forceps  
 Abreboca, Soporte de pecho, Pinzas para reposiciones  
 Apribocca, Supporto per petto, Pinze per riposizione



NEGUS  
49400-01



DRAFFIN  
49350-01



MAGAURAN  
49350-02

Holz  
wood  
madera  
legno



MAUNDER  
49360-10



links  
left side  
izquierda  
lato sinistro

ROWE

49501-22 22,5 cm, 8.9"  
 49501-23 23,5 cm, 9 1/4"  
 49501-24 24,0 cm, 9 1/2"



rechts  
right side  
derecha  
lato destro

ROWE

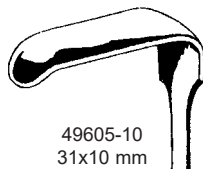
Baby, baby, bebé, lattante  
 Kind, child, niño, bambino  
 Erwachs., adult, adulto

49503-22 22,5 cm, 8.9"  
 49503-23 23,5 cm, 9 1/4"  
 49503-24 24,0 cm, 9 1/2"

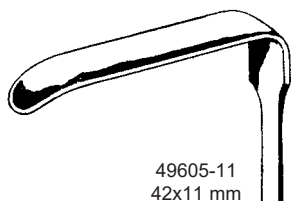
Wundhaken für Mund-Kiefer-Gesicht  
 Retractors for Mouth-, Jaw- and Face Surgery  
 Separadores para cirugía plástica  
 Divaricatori per chirurgia plastica



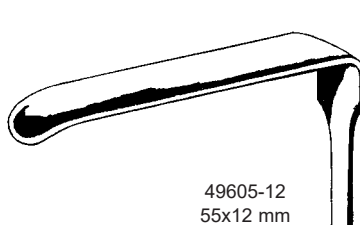
49605-07  
25x7 mm



49605-10  
31x10 mm



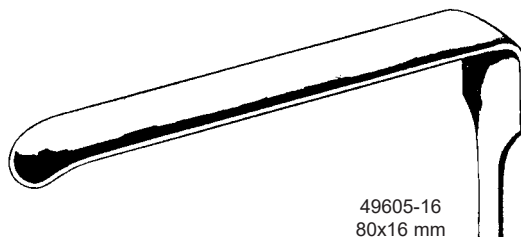
49605-11  
42x11 mm



49605-12  
55x12 mm



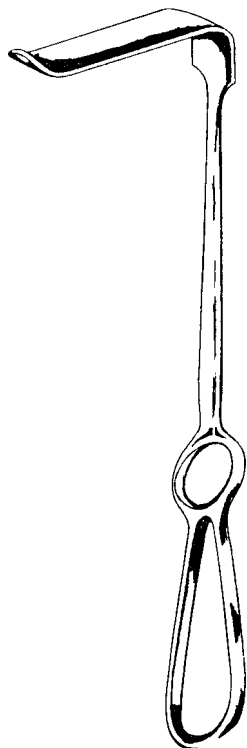
49605-14  
70x14 mm



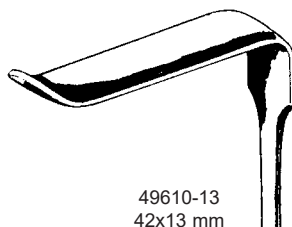
49605-16  
80x16 mm



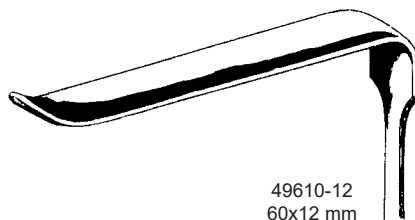
OBWEGESER  
 49605-07 - 49605-16  
 22 cm, 8 3/4"



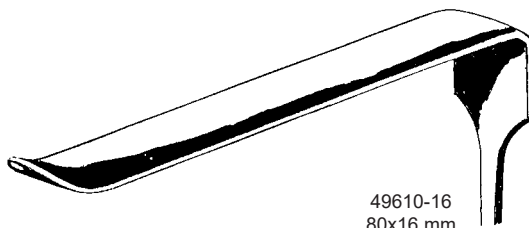
OBWEGESER  
 49610-12 - 49610-16  
 22 cm, 8 3/4"



49610-13  
42x13 mm

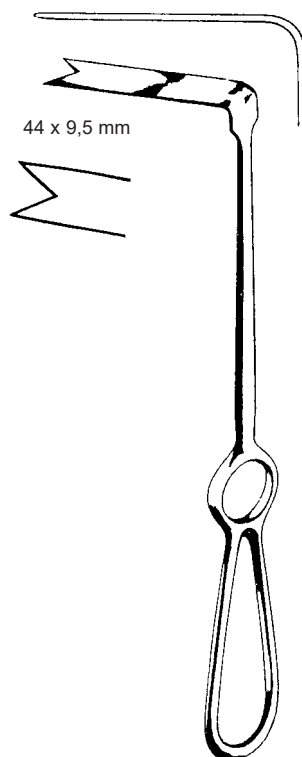


49610-12  
60x12 mm



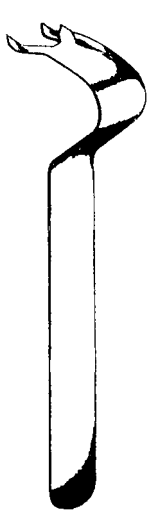
49610-16  
80x16 mm

Wundhaken für Mund-Kiefer-Gesicht  
Retractors for Mouth-, Jaw- and Face Surgery  
Separadores para cirugía plástica  
Divaricatori per chirurgia plastica

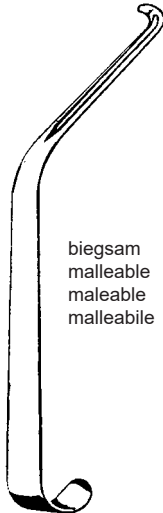


SPINA-NASALIS  
49613-10  
22 cm, 8 3/4"

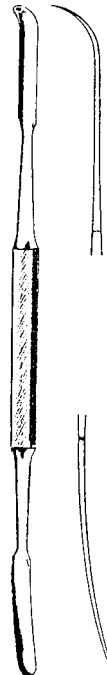
Wundhaken für Mund-Kiefer-Gesicht, Raspatorien  
 Retractors for Mouth-, Jaw- and Face Surgery, Periosteal Elevators  
 Separadores para cirugía plástica, Periostótomos  
 Divaricatori per chirurgia plastica, Periostotomi



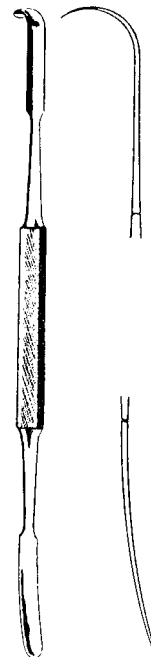
OBWEGESER  
 49620-15  
 15,5 cm, 6"



OBWEGESER  
 16 cm, 6 1/4"  
 49624-10 8 mm  
 49623-16 10 mm

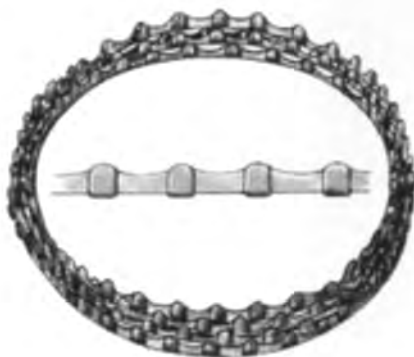


OBWEGESER  
 49627-01  
 21 cm, 8 1/4"



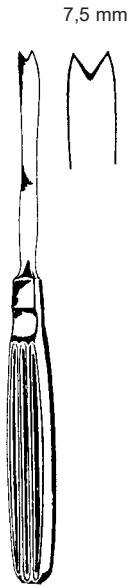
OBWEGESER  
 49630-02  
 20,5 cm, 8"

Drahtbogen  
Wire Pushers  
Empujadores de alambres  
Posizionatori per filo



ERICH  
49631-00  
20,5 cm, 8"

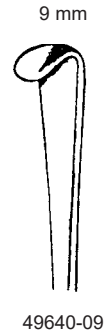
Raspatorien  
 Periosteal Elevators  
 Periostótomos  
 Periostotomi



OBWEGESER  
 49635-18  
 17,5 cm, 7"



OBWEGESER  
 49640-05 - 49640-09  
 20 cm, 8"

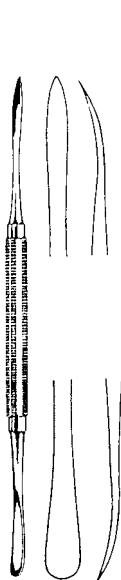


OBWEGESER  
 49650-06 - 49650-11  
 17,5 cm, 7"





Elevator, Osteotom, Ahle  
Elevator, Osteotome, Awls  
Elevadores, Osteotomos, Agujas  
Elevatori, Osteotomo, Aghi



DINGMAN  
49660-18  
18 cm, 7"



OBWEGESER  
49665-24  
23,5 cm, 9 1/4"



HARGIS  
49670-19  
19 cm, 7 1/2"

Vorderrandstripper  
Anterior Border Stripper  
Separador para el borde anterior  
Separatore per il bordo anteriore



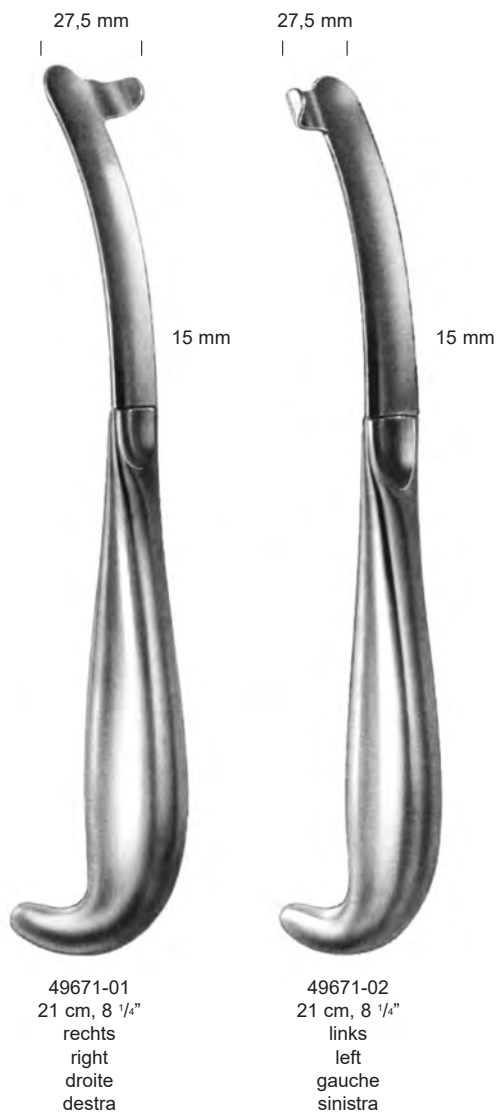
SMITH  
49670-20  
23,5 cm, 9 1/4"

Spreizzange  
Ramus Separator  
Pinza para separar la rama  
Pinza per separare il ramo



OBWEGESER  
49670-23  
23 cm, 9"

Intraorale Retraktoren  
Intra Oral Retractors  
Separadores intra orales  
Retrattori intraorali



Raspatorien  
Periosteal Elevators  
Legras  
Elevatori per periostio

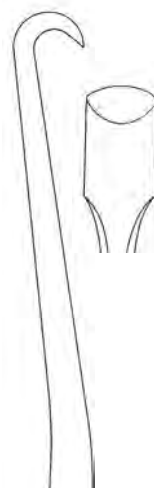


HARGIS  
23 cm, 9"



49673-01  
6,5 mm  
rechts  
right  
derecha  
destra

49673-02  
9 mm  
rechts  
right  
derecha  
destra



49673-03  
6,5 mm  
links  
left  
izquierda  
sinistra

49673-04  
9 mm  
links  
left  
izquierda  
sinistra

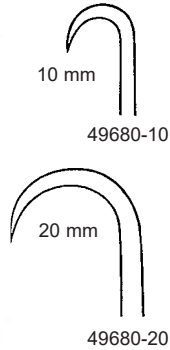
Ahle, Haken, Elevator  
 Awls, Retractors for Mouth-, Jaw- and Face Surgery  
 Agujas, Separadores para cirugía plástica  
 Aghi, Divaricatori per chirurgia plastica



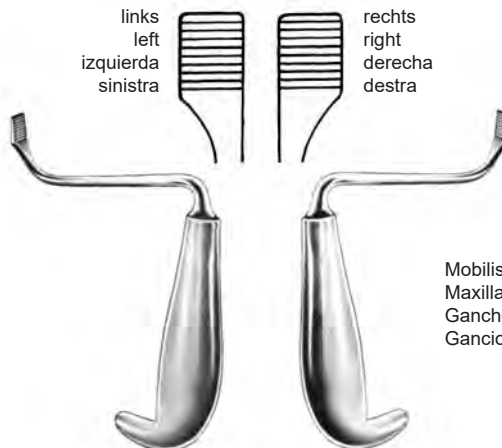
OBWEGESER  
 49675-18  
 18 cm, 7"



19 cm, 7 1/2"



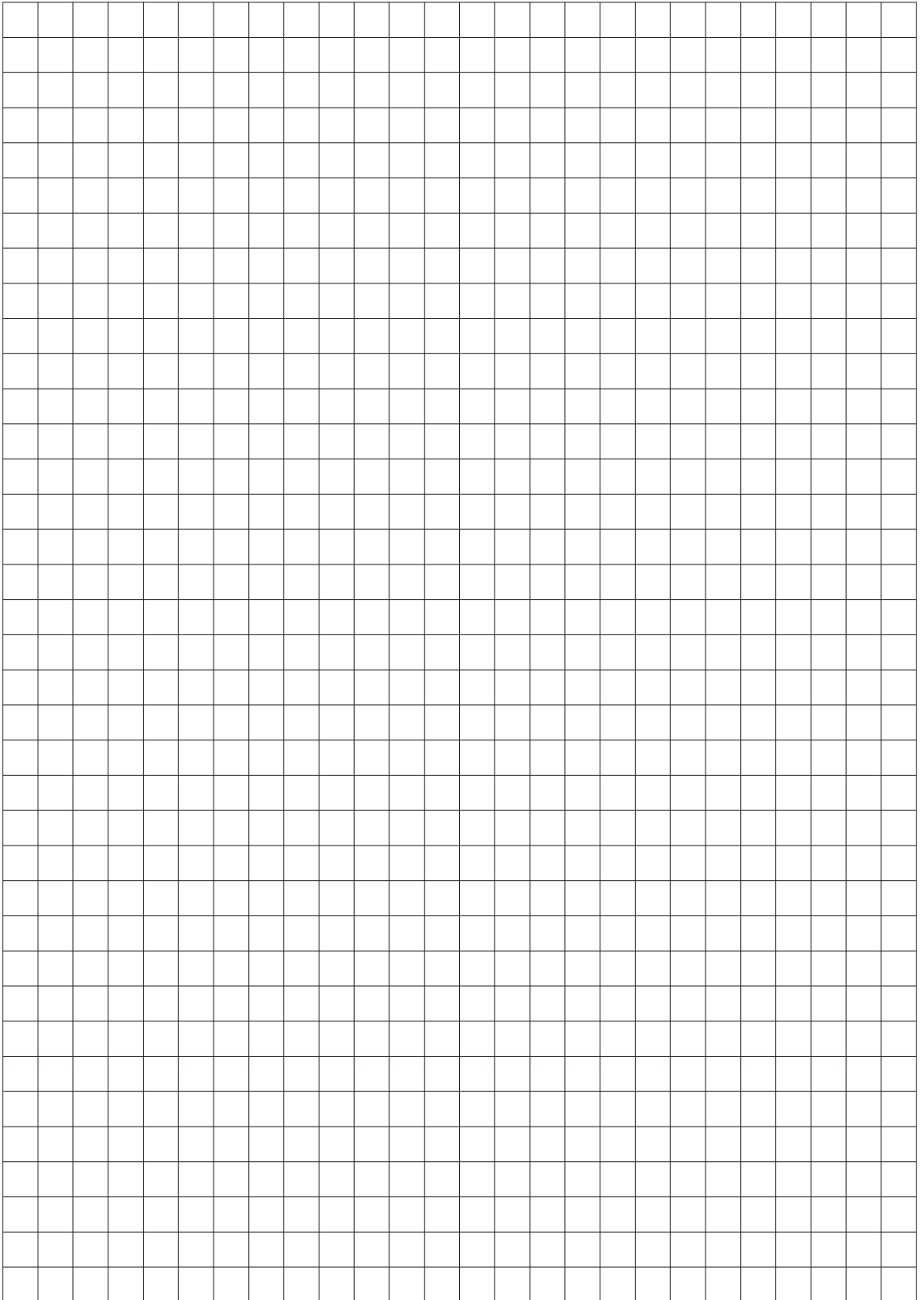
DINGMAN  
 49685-21  
 21 cm, 8 1/4"



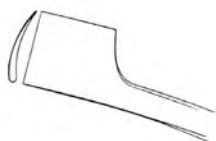
TESSIER  
 49691-15 15 cm, 6"

TESSIER  
 49692-15 15 cm, 6"

Mobilisierhaken  
 Maxillary Mobilizer  
 Gancho para movillización  
 Gancio per mobilizzare



Sagittalspreizer  
Sagittal Split Separators  
Separadores sagitales  
Separatori sagittali



rechts  
right  
derecha  
destra



SMITH  
49695-01  
18,5 cm, 7 1/4"  
9 mm



links  
left  
izquierda  
sinistra



SMITH  
49695-02  
18,5 cm, 7 1/4"  
9 mm

Unterkieferkörperhaken  
Mandibular Body Retractor  
Separador para el cuerpo mandibular  
Separatore per il corpo mandibolare



HARGIS  
49696-18  
18 cm, 7"

Osteotome  
Osteotome  
Osteótomos  
Osteotomi

7 mm



49700-01  
21,5 cm, 8 1/2"

10 mm



49700-02  
21,5 cm, 8 1/2"



Blattosteotom  
Blade Osteotomes  
Osteótomos de hoja  
Osteotomo a lama



OBWEGESER  
22 cm, 8 3/4"



49705-08  
8 mm



49705-12  
12 mm



49705-16  
16 mm



49705-20  
20 mm

Osteotome  
Osteotome  
Osteótomos  
Osteotomi



EPKER  
18 cm, 7"



49710-04  
4x1,2 mm



49710-06  
6x1,2 mm



49710-08  
8x1,2 mm



EPKER  
18 cm, 7"



49711-04  
4x1,2 mm



49711-06  
6x1,2 mm



EPKER  
18 cm, 7"

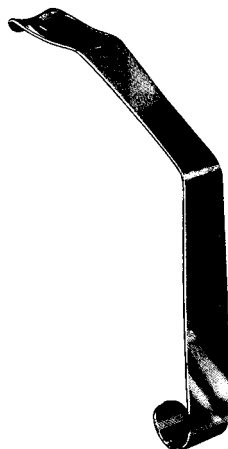


49713-06  
6x1,2 mm



49713-08  
8x1,2 mm

Wundhaken, Tonsillen-Elevatoren, Tamponstopfer  
Retractors, Tonsil-Elevators, Gauze packer  
Separadores, Elevadores para amígdalas, Tamponeador  
Divaricatori, Elevatori, Tamponatore



LOVE  
15 cm, 6"  
51103-18 18 mm  
51103-20 20 mm  
51103-22 22 mm



HOFER  
51109-24  
24 cm, 9 1/2"



NAGER  
51111-23  
23 cm, 9"



HURD  
51131-22  
22 cm, 8 1/4"



LOPEZ-REINKE  
51133-23  
23 cm, 9"



GWYNNE EVANS  
20 cm, 8"  
51112-06 6 mm  
51112-08 8 mm



51135-01



51135-02



HENKE  
23 cm, 9"



CARPENTER  
51139-25  
25 cm, 10"



CARPENTER  
51143-24  
24 cm, 9 1/2"



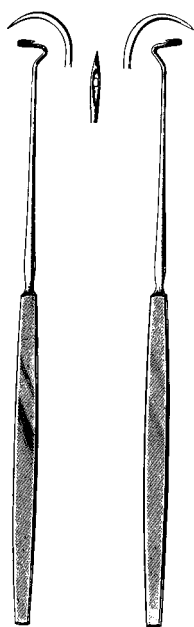
LUNIATSCHEK  
51151-19  
19 cm, 7 1/2"

Tonsillen-Nadeln, Tonsillen-Messer

Tonsil Needles, Tonsil-Knives

Agujas para suturas de amígdalas, Bisturios para amígdalas

Aghi per tonsille, Coltelli per tonsille



DUPUY-WEISS  
51165-22 51167-22  
22 cm, 8 3/4"



CLAUS  
51168-23  
23 cm, 9"



CLAUS-EICKEN  
51169-23  
23 cm, 9"



NAGER  
51170-24  
24 cm, 9 1/2"



FISHER  
51171-22  
22,5 , 9"



ABRAHAM  
51172-19  
19 cm, 7 1/2"



ABRAHAM  
51173-21  
21 cm, 8 1/4"

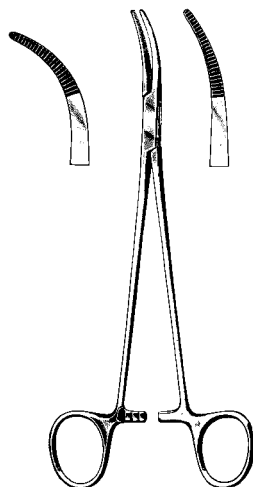


CANFIELD  
51174-21  
21 cm, 8 1/4"

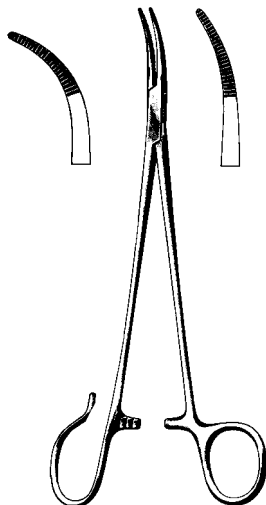


BRUENINGS  
51177-23  
23 cm, 9"

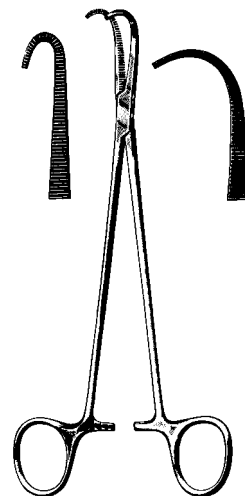
Tonsillenzange  
Tonsil Seizing Forceps  
Pinzas para coger las amígdalas  
Pinze per tonsille



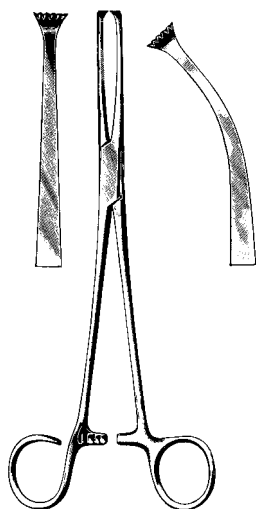
19 cm, 7 1/2"  
SAWTELL SCHNIDT  
51181-19 51183-19



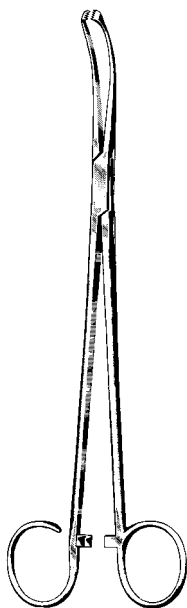
19 cm, 7 1/2"  
SAWTELL SCHNIDT  
51185-19 51187-19



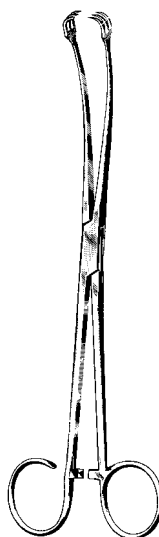
19 cm, 7 1/2"  
NEGUS NEGUS  
51191-19 51193-19



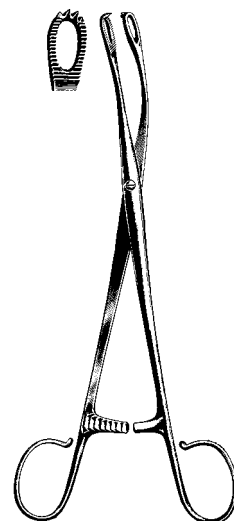
19 cm, 7 1/2"  
COLVER  
51202-19 51203-19



WHITE  
51205-18 18 cm, 7"  
51205-23 23 cm, 9"



BALLENGER  
51207-21  
21,5 cm, 8 1/2"

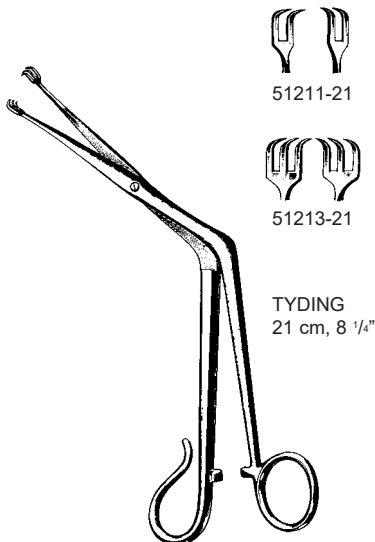


BLOHMKE  
51209-20  
20 cm, 8"

Tonsillen-Zangen u. -Pinzetten, Tonsillen-Kompressoren, Tonsillen-Schnürer  
 Tonsil-Forceps, Tonsil-Snares  
 Pinzas, Compresores para amígdalas, Cierra-nudos para amígdalas  
 Pinze, Compressori per tonsille, Serranodi per tonsille



ABRAHAM  
 51210-20  
 20 cm, 8"

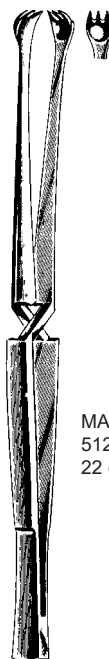


51211-21



51213-21

TYDING  
 21 cm, 8 1/4"



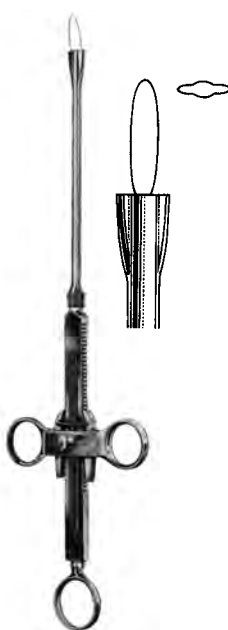
MARSCHIK  
 51219-22  
 22 cm, 8 3/4"



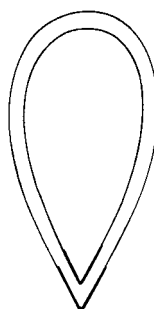
EVES  
 51250-28  
 28 cm, 11"



EVES  
 51252-28  
 28 cm, 11"



BRUENINGS  
 51256-28  
 28 cm, 11"

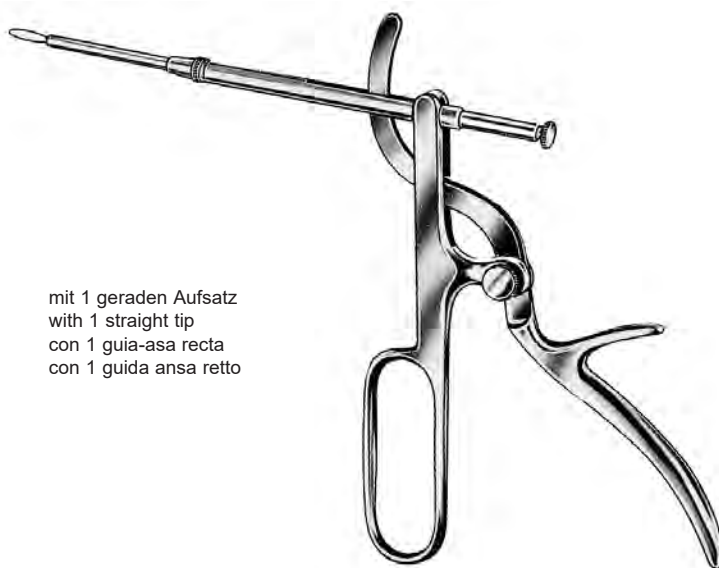


51257-40 40 mm  
 51257-50 50 mm  
 Pack of 100 pcs



51259-03 0,3 mm  
 51259-04 0,4 mm  
 51259-05 0,5 mm  
 Pack of 12 pcs

Tonsillotom  
Tonsillectomes  
Amigdalótomos  
Tonsillotomi



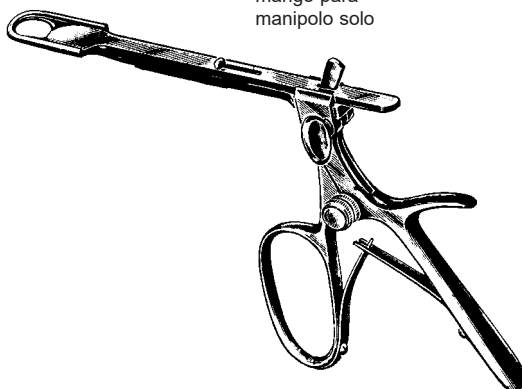
mit 1 geraden Aufsatz  
with 1 straight tip  
con 1 guida-asa recta  
con 1 guida ansa retto

TYDING  
51260-00

Tonsillotom, Spritzen, Septum Nadeln  
 Tonsillectomes, Syringes, Septum needles  
 Amigdalótomos, Jeringas, Septum aguja  
 Tonsillotomi, Siringhe, Septum aghi



51291-00  
 2,5 mm Ø



51270-04  
 Handgriff allein  
 Handle only  
 mango para  
 manipolo solo

SLUDER-BALLENGER  
 51270-00  
 mit 3 Aufsätzen  
 with 3 blades  
 con 3 hojas  
 con 3 lame



51292-00



51293-45  
 45°



51293-90  
 90°



Septum-Schere, Kehlkopfpolypenzangen, Deckelhalter  
 Septum-Scissors, Laryngeal Polypus Forceps, Epiglottis Retractor  
 Tijeras para septo, Pinzas para pólipos laríngeos, Depresor para epiglottis  
 Forbice per il setto nasale, Pinze per polipi laringei, Depressore per epiglottide



KILLIAN  
 53102-20  
 20 cm, 8"



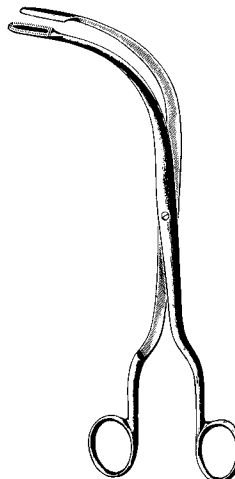
53101-22



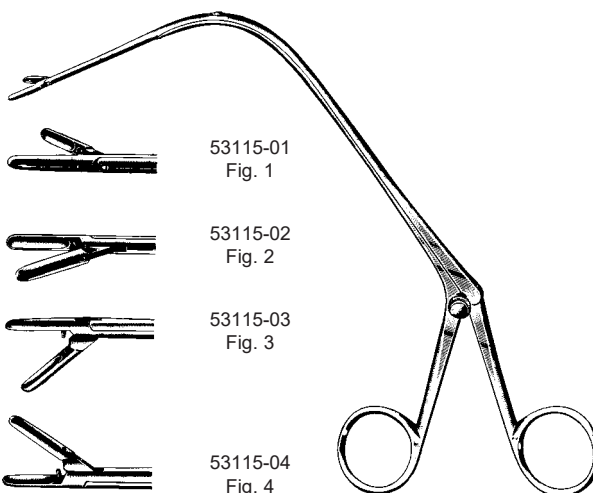
53103-22



JACKSON  
 53101-22 - 53103-22  
 22 cm, 8 3/4"



FRAENKEL  
 53111-18  
 18 cm, 7"



53115-01  
 Fig. 1

53115-02  
 Fig. 2

53115-03  
 Fig. 3

53115-04  
 Fig. 4

JURASZ  
 53115-01 - 53115-04  
 23 cm, 9"

Universalgriffe, Verlängerungsrohre, Aufsätze  
 Universal Handles, Interchangeable Tips, Tubes  
 Mangos universales y Tubos de extension, Puntas  
 Manici universali e Tubi di prolungamento, Terminale laringeo



BRUENINGS  
 53131-20  
 20 cm, 8"



BRUENINGS  
 53132-20 20 cm, 8"    53132-50 50 cm, 19 3/4"  
 53132-30 30 cm, 11 3/4"    53132-60 60 cm, 23 1/2"  
 53132-40 40 cm, 15 3/4"



HUBER  
 53130-00



FRAENKEL  
 53150-00



SEIFERT  
 53152-00



FRAENKEL  
 53154-00



SCHEINMANN  
 53157-00



53158-02



53158-03



BRUENINGS  
 53158-02 - 53158-03



LANGE  
 53162-00



53164-01



53164-02



KRAUSE  
 53164-01 - 53164-02



53177-01



53177-02



CORDES  
 53177-01 - 53177-02



SCHUMACHER  
 53170-00



BARACANI  
 53175-00

Broncho-Oesophagoskopiezangen, Kehlkopfspiegel, Griffe  
Broncho-Esophagoscopy Forceps, Laryngeal Mirrors, Handles  
Pinzas para bronco-esofagoscopia, Espejos laringeos, Mangos  
Pinze per bronco-esofagoscopia, Specchi laringei, Manici



CHEVALIER-JACKSON  
53230-01 - 53260-08

Ø 4 mm



| cm           | Fig. 1   | Fig. 2   | Fig. 3   | Fig. 4   | Fig. 5   | Fig. 6   | Fig. 7   | Fig. 8   |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 30 / 11 3/4" | 53230-01 | 53230-02 | 53230-03 | 53230-04 | 53230-05 | 53230-06 | 53230-07 | 53230-08 |
| 40 / 15 3/4" | 53240-01 | 53240-02 | 53240-03 | 53240-04 | 53240-05 | 53240-06 | 53240-07 | 53240-08 |
| 50 / 19 3/4" | 53250-01 | 53250-02 | 53250-03 | 53250-04 | 53250-05 | 53250-06 | 53250-07 | 53250-08 |
| 60 / 23 1/2" | 53260-01 | 53260-02 | 53260-03 | 53260-04 | 53260-05 | 53260-06 | 53260-07 | 53260-08 |

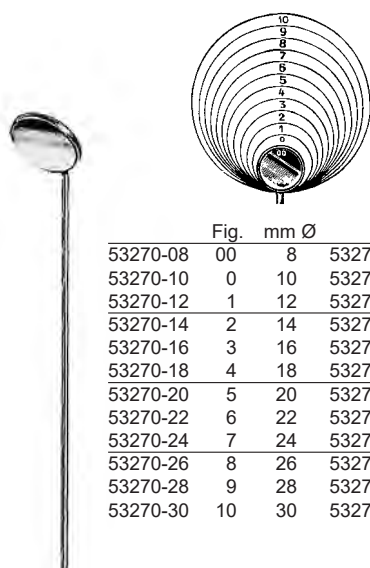


Fig. mm Ø

|          |    |    |          |
|----------|----|----|----------|
| 53270-08 | 00 | 8  | 53272-08 |
| 53270-10 | 0  | 10 | 53272-10 |
| 53270-12 | 1  | 12 | 53272-12 |
| 53270-14 | 2  | 14 | 53272-14 |
| 53270-16 | 3  | 16 | 53272-16 |
| 53270-18 | 4  | 18 | 53272-18 |
| 53270-20 | 5  | 20 | 53272-20 |
| 53270-22 | 6  | 22 | 53272-22 |
| 53270-24 | 7  | 24 | 53272-24 |
| 53270-26 | 8  | 26 | 53272-26 |
| 53270-28 | 9  | 28 | 53272-28 |
| 53270-30 | 10 | 30 | 53272-30 |

53270-08 - 53270-30  
13,5 cm, 5 1/4"



53272-08 - 53272-30

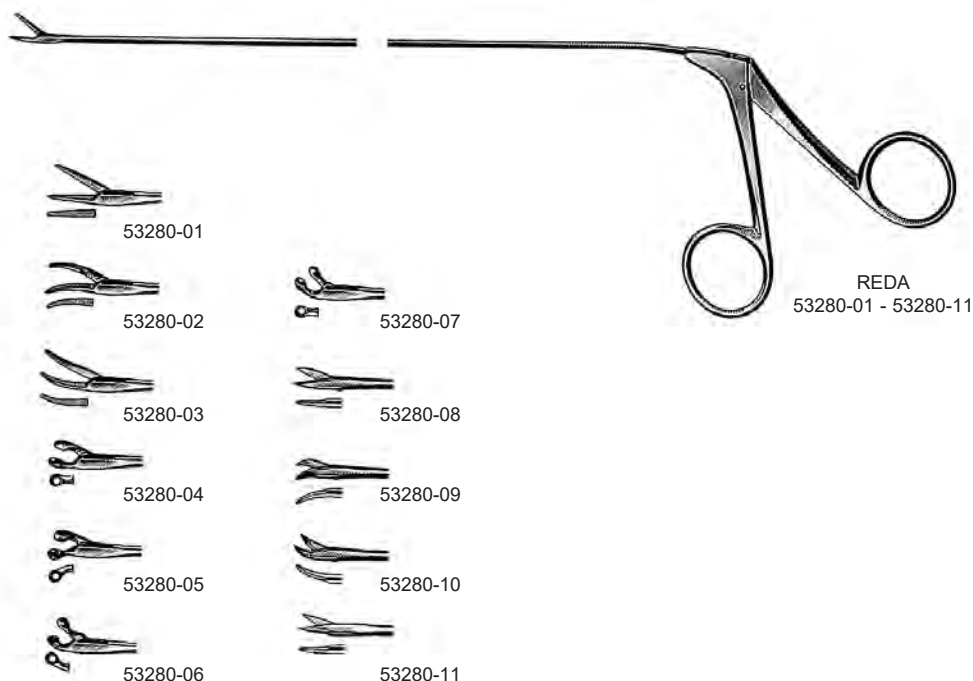


53274-12



53276-10

Mikro-Rohrschaftzangen  
Micro Laryngeal Forceps  
Pinzas para la micro-cirugía de la laringe  
Pinze ad asta tubolare per microchirurgia



**REDA Mikro-Rohrschaftzangen 23 cm (9")**

- 53280-01 gerieftes Maul, gerade 1,5 x 10 mm
- 53280-02 gerieftes Maul, links gebogen 1,5 x 8,5 mm
- 53280-03 gerieftes Maul, rechts gebogen 1,5 x 8,5 mm
- 53280-04 Löffelmaul, gerade 2,5 mm
- 53280-05 Löffelmaul, links abgewinkelt 2,5 mm
- 53280-06 Löffelmaul, rechts abgewinkelt 2,5 mm
- 53280-07 Löffelmaul, aufwärts abgewinkelt 2,5 mm
- 53280-08 Schere, gerade, vertikal
- 53280-09 Schere, links gebogen
- 53280-10 Schere, rechts gebogen
- 53280-11 Schere, horizontal schneidend, gerade

**REDA Micro-Laryngeal Forceps 23 cm (9")**

- 53280-01 Grasping tip, straight, serrated, 1,5 x 10 mm
- 53280-02 Grasping tip, curved to left, serrated, 1,5 x 8,5 mm
- 53280-03 Grasping tip, curved to right, serrated, 1,5 x 8,5 mm
- 53280-04 Cup forceps, straight, 2,5 mm
- 53280-05 Cup forceps, angled to left, 2,5 mm
- 53280-06 Cup forceps, angled to right, 2,5 mm
- 53280-07 Cup forceps, angled up, 2,5 mm
- 53280-08 Scissors, straight, vertical
- 53280-09 Scissors, curved to left
- 53280-10 Scissors, curved to right
- 53280-11 Scissors, straight, horizontal

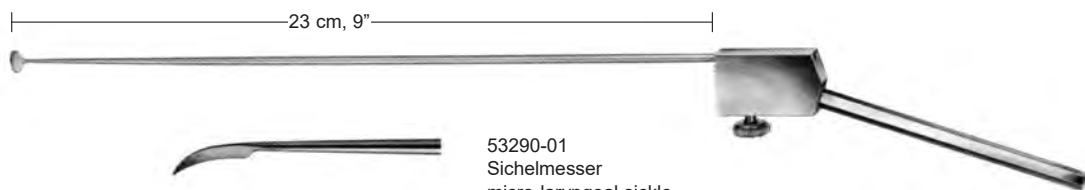
**REDA Pinza microlaringea 23 cm (9")**

- 53280-01 boca estriada recta 1,5 x 10 mm
- 53280-02 boca estriada curva a la izquierda 1,5 x 8,5 mm
- 53280-03 boca estriada curva a la derecha 1,5 x 8,5 mm
- 53280-04 boca redonda cortante recta 2,5 mm Ø
- 53280-05 boca redonda cortante angulada al la izquierda 2,5 mm Ø
- 53280-06 boca redonda cortante angulada a la derecha 2,5 mm Ø
- 53280-07 boca redonda cortante angulada hacia arriba 2,5 mm Ø
- 53280-08 Tijera recta corte vertical
- 53280-09 Tijera curva a la izquierda
- 53280-10 Tijera curva a la derecha
- 53280-11 Tijera recta corte horizontal

**REDA Pinze ad asta tubolare per microchirurgia 23 cm (9")**

- 53280-01 morsi zigrinati, retti, 1,5 x 10 mm
- 53280-02 morsi zigrinati, curvi a sinistra, 1,5 x 8,5 mm
- 53280-03 morsi zigrinati, curvi a destra, 1,5 x 8,5 mm
- 53280-04 morsi a forma di cucchiaino rotondo retto, 2,5 mm
- 53280-05 morsi a forma di cucchiaino rotondo angolati a sinistra, 2,5 mm
- 53280-06 morsi a forma di cucchiaino rotondo angolati a destra, 2,5 mm
- 53280-07 morsi a forma di cucchiaino rotondo angolati in alto, 2,5 mm
- 53280-08 forbici, rette, taglio verticale
- 53280-09 forbici, curve a sinistra
- 53280-10 forbici, curve a destra
- 53280-11 forbici, rette, taglio orizzontale

Instrumente für Laryngoskopie  
Instruments for Laryngology  
Instrumentos Laringoscopia  
Strumenti per la Laringoscopia



53290-01  
Sichelmesser  
micro-laryngeal sickle  
microlaringeo cuchillo de hoz  
Coltello falcato



53290-02  
Schälmesser, quer, oval  
micro-laryngeal separator oval, horizontal  
microlaringeo separador ovalado, horizontal  
Seperatore ovale verticale



53290-03  
Schälmesser, längs, oval  
micro-laryngeal separator oval, vertical  
microlaringeo separador ovalado, vertical  
Seperatore ovale orizzontale



53290-04  
Schälmesser, 45° abgewinkelt  
micro-laryngeal round cutting knife, 45° angled  
microlaringeo cuchillo para cortes redondos, 45° angulado  
Seperatore angolato 45°



53290-05  
Häkchen, 90° gebogen stumpf  
micro-laryngeal hook 90° angled, blunt  
microlaringeo ganchito 90° angulado, romo  
Uncino angolato 90° smusso



53290-06  
Häkchen, 30° retrograd gebogen  
micro-laryngeal probe, 30° backwards curved blunt with button  
microlaringeo ganchito, 30° curvo retrogrado  
Uncino angolato retrogrado 30°



53290-07  
Fadengabel  
micro-laryngeal ligature adjuster  
microlaringeo horquilla de hilos  
Forchetta da sutura

53290-08  
Handgriff für Stabinstrumente  
Handle for microlaryngeal instruments  
Mango para microlaringeos instrumentos  
Manico per strumenti microlaringei

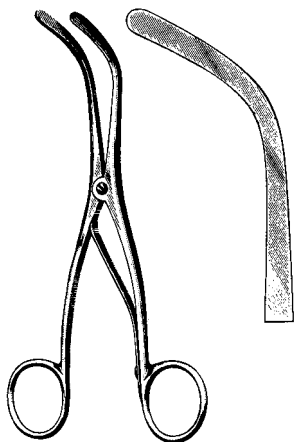


Tracheal Dilatatore, Trachealhaken, Tracheal-Wundspreizer

Trachea Dilators, Trachea hooks, Tracheal Retractors

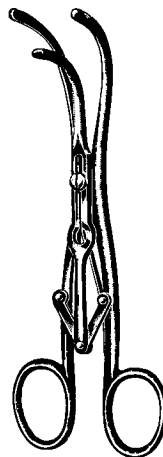
Dilatadores para la tráquea, Ganchos para traqueotomía, Retractor traqueal

Dilatatori per tracheotomia, Ganci per tracheotomia, Divaricatori tracheali



TROUSSEAU-BABY  
55111-13 13 cm, 5 <sup>1</sup>/<sub>8</sub>"

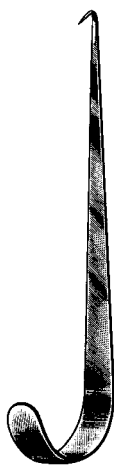
TROUSSEAU  
55111-14 14 cm, 5 <sup>1</sup>/<sub>2</sub>"



LABORDE  
55113-14  
14 cm, 5 <sup>1</sup>/<sub>2</sub>"



BOSE  
55115-07  
7 cm, 2 <sup>3</sup>/<sub>4</sub>"



JACKSON  
55116-15  
15 cm, 6"

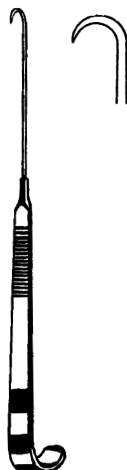


JACKSON  
55117-17  
17 cm, 6 <sup>3</sup>/<sub>4</sub>"

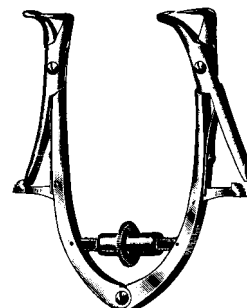
Trachealhaken, Kanüle  
Trachea Hooks, Tubes  
Ganchos para traqueotomía, Cánula  
Ganci per tracheotomia, Cannule



ITERSÖN  
55118-16 - 55119-16  
16 cm, 6 1/4"



NEWS  
55120-15  
15 cm, 6"



FRIEDMANN  
71351-10 10 cm, 4"  
71351-15 15 cm, 6"



links  
left  
izquierda  
sinistra

BOSE  
55122-16  
16 cm, 6 1/4"

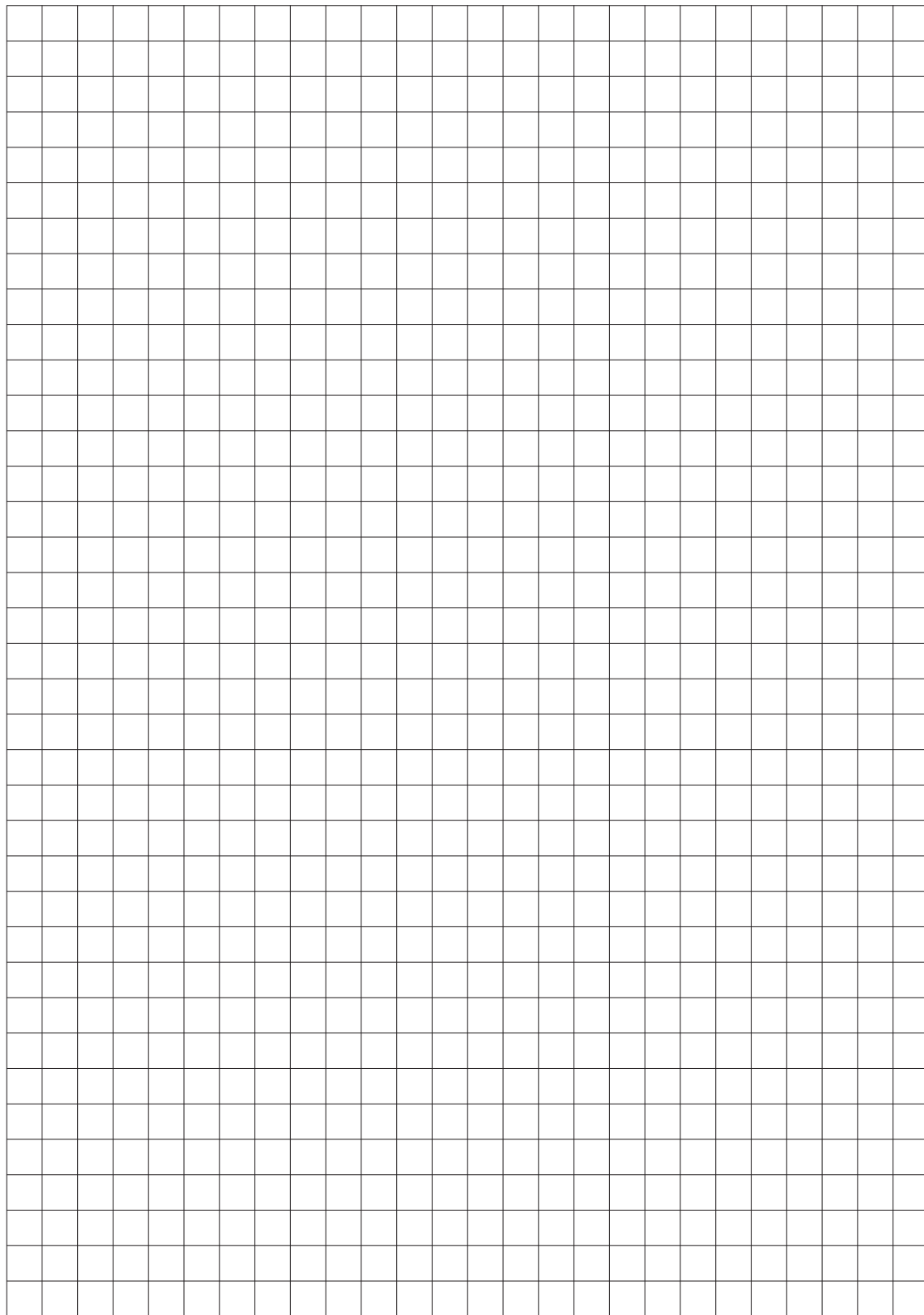


rechts  
right  
derecha  
destra

BOSE  
55124-16  
16 cm, 6 1/4"



WAGENER-MOSHER  
55151-05 5 mm  
55151-07 7 mm  
55151-09 9 mm





Tracheal-Kanülen, Schilddrüsenhaken, Sonde, Kropffaßzange, Muskelklemme  
 Tracheal Tubes, Thyroid Gland Retractor, Directors-Enucleators, Goitre Seizing Forceps, Muscular Clamp  
 Cánulas traqueales, Separador para la glándula tiroidea, Sondas,  
 Pinza para coger el bocio, Pinza-clamp para músculos  
 Cannule tracheali, Divaricatori per la tiroide, Sonde, Pinze per gozzo, Pinza muscolare



LUER

Neusilber  
 German silver  
 alpaca  
 argentone



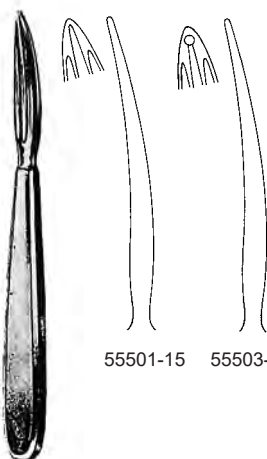
CHEVALIER-JACKSON

Neusilber  
 German silver  
 alpaca  
 argentone

| Fig. | Ø<br>mm | Länge des Außenrohrs<br>Length of outer tube<br>Largo de la cánula exterior<br>Lunghezza del tubo esterno |
|------|---------|-----------------------------------------------------------------------------------------------------------|
| 0    | 4       | 45 mm                                                                                                     |
| 1    | 5       | 50 mm                                                                                                     |
| 2    | 6       | 55 mm                                                                                                     |
| 3    | 7       | 60 mm                                                                                                     |
| 4    | 8       | 65 mm                                                                                                     |
| 5    | 9       | 70 mm                                                                                                     |
| 6    | 10      | 75 mm                                                                                                     |
| 7    | 11      | 80 mm                                                                                                     |
| 8    | 12      | 85 mm                                                                                                     |
| 9    | 13      | 90 mm                                                                                                     |

55220-04  
 55220-05  
 55220-06  
 55220-07  
 55220-08  
 55220-09  
 55220-10  
 55220-11  
 55220-12  
 55220-13

55240-04  
 55240-05  
 55240-06  
 55240-07  
 55240-08  
 55240-09  
 55240-10  
 55240-11  
 55240-12  
 55240-13

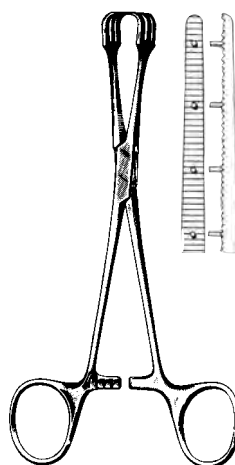


55501-15 55503-15

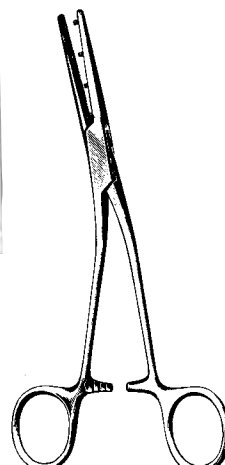
KOCHER  
 55501-15 - 55503-15  
 15 cm, 6"



SCHOENBORN  
 55511-21  
 21 cm, 8 1/4"



LAHEY  
 55520-15 15 cm, 6"  
 55520-20 20 cm, 8"



MASTIN  
 55523-17  
 17 cm, 6 3/4"

Rippenscheren  
Rib Shears  
Costótomos  
Costotomi



COLLIN  
57102-23  
23 cm, 9"



57105-22  
22 cm, 8 3/4"



GLUCK  
57107-22  
22 cm, 8 3/4"

mit ziehendem Schnitt  
with eccentric sliding blade  
con hoja de retroacción  
con lama di retroazione



STILLE  
57111-21  
21 cm, 8 1/4"



CORYLLOS  
57123-35  
35 cm, 13 3/4"



CORYLLOS  
57125-35  
35 cm, 13 3/4"

Rippenscheren, Sternumscheren  
Rib Shears, Sternum Scissors  
Costótomos, Tijeras de esternón  
Costotomi, Forbici per sterno



BETHUNE  
57126-34  
34 cm, 13 1/2"



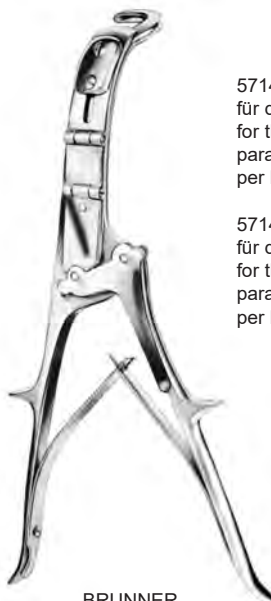
SAUERBRUCH  
57131-26  
26 cm, 10 1/4"



GIERTZ-STILLE  
57137-27  
27 cm, 10 1/2"



SCHUMACHER  
57138-21  
21 cm, 8 1/4"

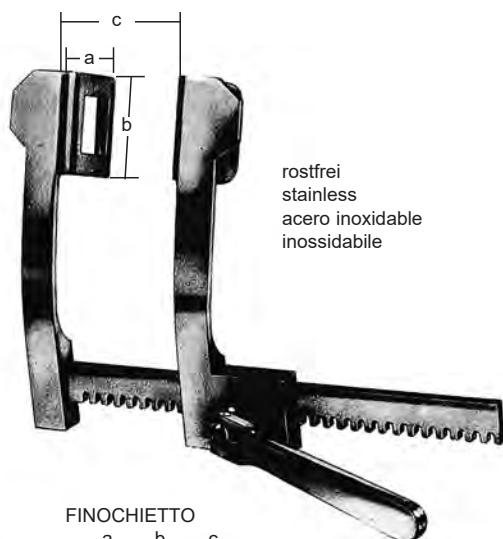


BRUNNER  
57146-28 - 57147-28  
28 cm, 11"

57146-28  
für die rechte Hand  
for the right hand  
para la mano derecha  
per la mano destra

57147-28  
für die linke Hand  
for the left hand  
para la mano izquierda  
per la mano sinistra

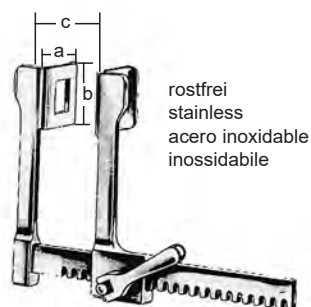
Rippensperrer  
Rib Spreaders  
Separadores costales  
Divaricatori costali



rostfrei  
stainless  
acero inoxidable  
inossidabile

FINOCHIETTO

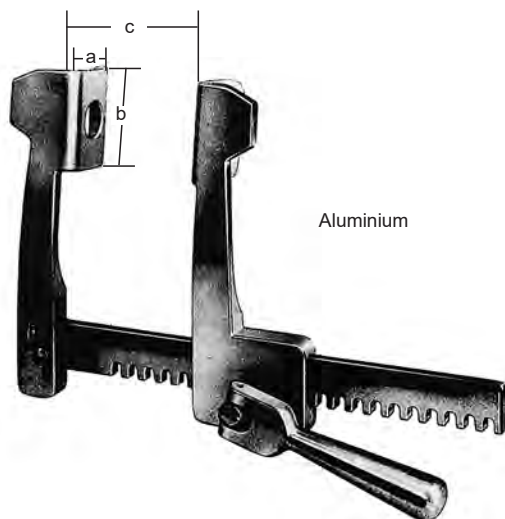
|          | a  | b  | c   |
|----------|----|----|-----|
|          | mm | mm | mm  |
| 57210-16 | 38 | 44 | 160 |
| 57210-20 | 52 | 62 | 200 |
| 57210-25 | 65 | 85 | 250 |



rostfrei  
stainless  
acero inoxidable  
inossidabile

FINOCHIETTO-BABY

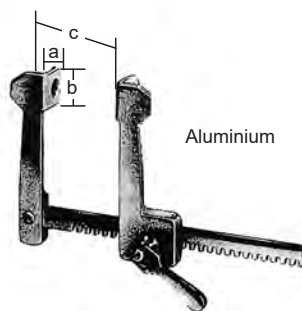
|          | a  | b  | c  |
|----------|----|----|----|
|          | mm | mm | mm |
| 57214-75 | 18 | 20 | 75 |



Aluminium

FINOCHIETTO

|          | a  | b  | c   |
|----------|----|----|-----|
|          | mm | mm | mm  |
| 57230-13 | 38 | 44 | 135 |
| 57230-18 | 85 | 65 | 175 |



Aluminium

FINOCHIETTO-BABY

|          | a  | b  | c  |
|----------|----|----|----|
|          | mm | mm | mm |
| 57234-75 | 15 | 15 | 75 |

## Rippensperrer Rib Spreaders Separadores costales Divaricatori costali

### FINOCHIETTO-BURFORD

|          | a  | b  | c   |
|----------|----|----|-----|
|          | mm | mm | mm  |
| 57236-20 | 65 | 62 | 200 |
|          | 47 | 62 |     |
| 57236-25 | 65 | 62 | 250 |
|          | 47 | 62 |     |
| 57236-30 | 65 | 62 | 300 |
|          | 47 | 52 |     |



rostfrei  
stainless  
acero inoxidable  
inossidabile

Erwachsene  
Adult Size  
para adultos  
per adulti

### FINOCHIETTO-BURFORD

|          | a  | b  | c   |
|----------|----|----|-----|
|          | mm | mm | mm  |
| 57242-20 | 65 | 62 | 200 |
|          | 47 | 62 |     |
| 57242-25 | 65 | 62 | 250 |
|          | 47 | 62 |     |
| 57242-30 | 65 | 62 | 300 |
|          | 47 | 52 |     |



Aluminium

Kinder  
Child Size  
para niños  
per bambini

### FINOCHIETTO-BURFORD

|          | a  | b  | c   |
|----------|----|----|-----|
|          | mm | mm | mm  |
| 57244-13 | 34 | 42 | 135 |
|          | 48 | 42 |     |

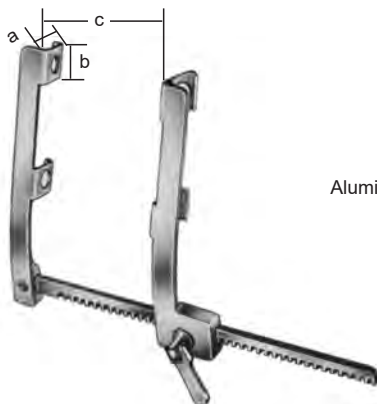


Aluminium

Rippensperrer  
Rib Spreaders  
Separadores costales  
Divaricatori costali

## FINOCHIETTO

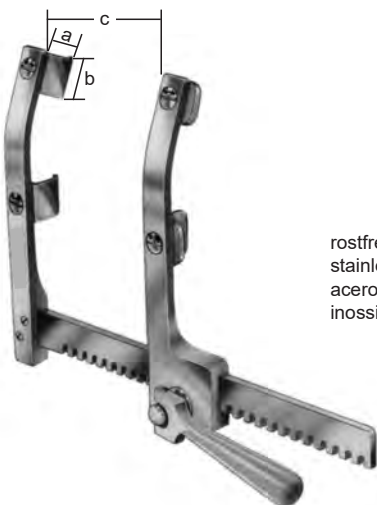
|          | a  | b  | c   |
|----------|----|----|-----|
|          | mm | mm | mm  |
| 57245-13 | 14 | 14 | 120 |



Aluminium

## MORSE

|          | a  | b  | c   |
|----------|----|----|-----|
|          | mm | mm | mm  |
| 57246-16 | 17 | 22 | 160 |



rostfrei  
stainless  
acero inoxidable  
inossidabile

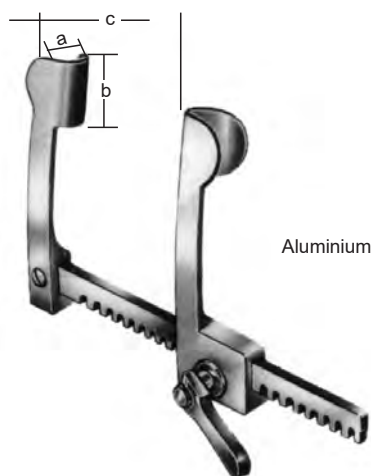
## MORSE-FAVALORO

|          | a  | b  | c   |
|----------|----|----|-----|
|          | mm | mm | mm  |
| 57246-21 | 19 | 27 | 210 |



rostfrei  
stainless  
acero inoxidable  
inossidabile

Rippensperrer  
Rib Spreaders  
Separadores costales  
Divaricatori costali



Aluminium

COOLEY-NEONATAL

|          | a  | b  | c  |
|----------|----|----|----|
|          | mm | mm | mm |
| 57247-95 | 12 | 16 | 95 |

Kleinstkinder  
Pediatric size  
para lactantes  
per lattante

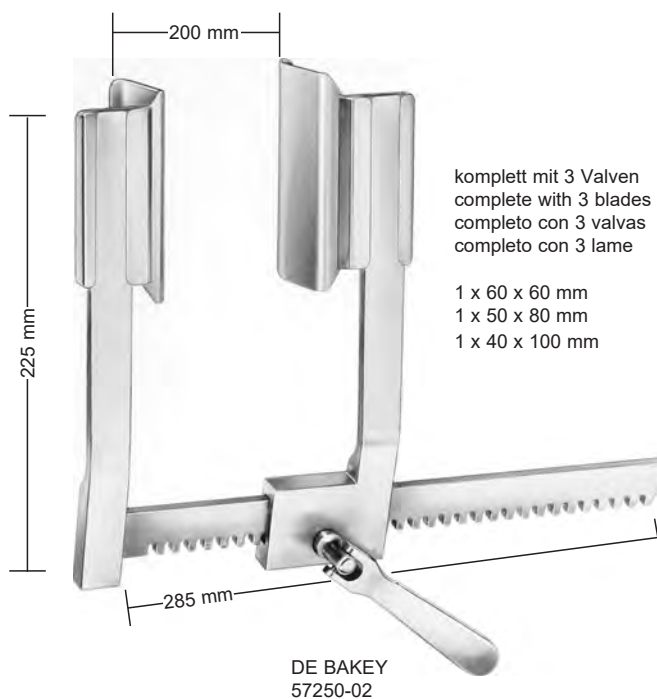
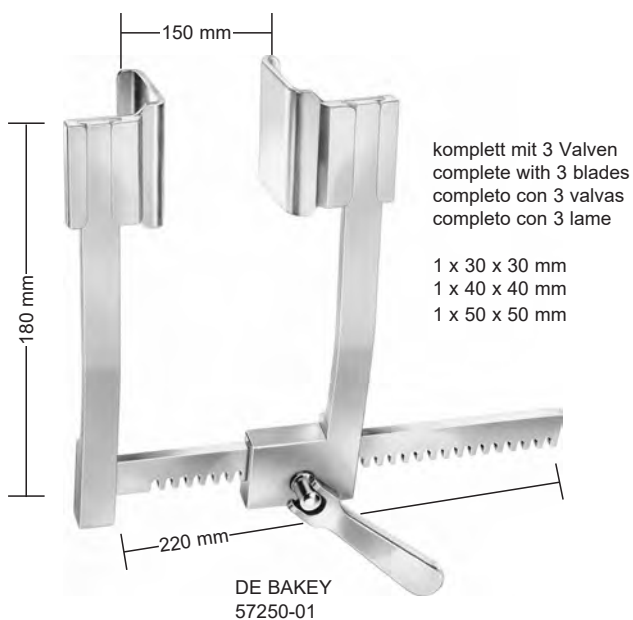


Aluminium

COOLEY

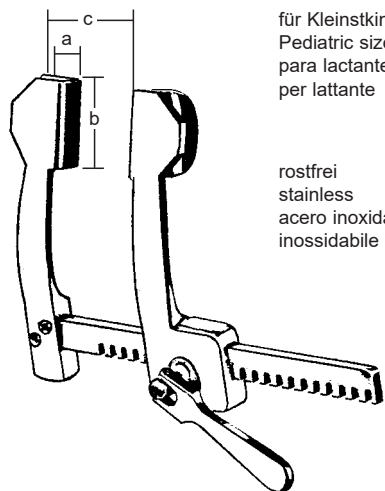
|          | a  | b  | c   |
|----------|----|----|-----|
|          | mm | mm | mm  |
| 57248-14 | 15 | 30 | 140 |

Rippensperrer  
Rib Spreaders  
Separadores costales  
Divaricatori costali





Rippensperrer  
Rib Spreaders  
Separadores costales  
Divaricatori costali

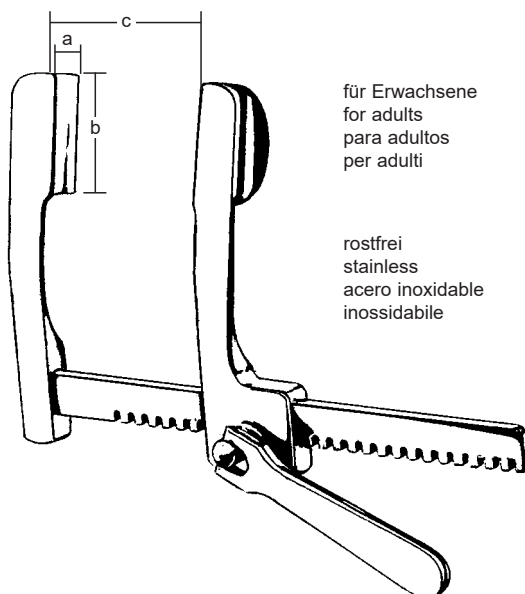


für Kleinkinder  
Pediatric size  
para lactantes  
per lattante

rostfrei  
stainless  
acero inoxidable  
inossidabile

COOLEY

|          | a  | b  | c   |
|----------|----|----|-----|
|          | mm | mm | mm  |
| 57260-02 | 16 | 30 | 105 |
| 57260-03 | 21 | 44 | 150 |



für Erwachsene  
for adults  
para adultos  
per adulti

rostfrei  
stainless  
acero inoxidable  
inossidabile

COOLEY

|          | a  | b  | c   |
|----------|----|----|-----|
|          | mm | mm | mm  |
| 57260-04 | 37 | 49 | 200 |



rostfrei  
stainless  
acero inoxidable  
inossidabile

HAIGHT

|          | a  | b  | c  | h  |
|----------|----|----|----|----|
|          | mm | mm | mm | mm |
| 57260-09 | 30 | 30 | 90 | 90 |

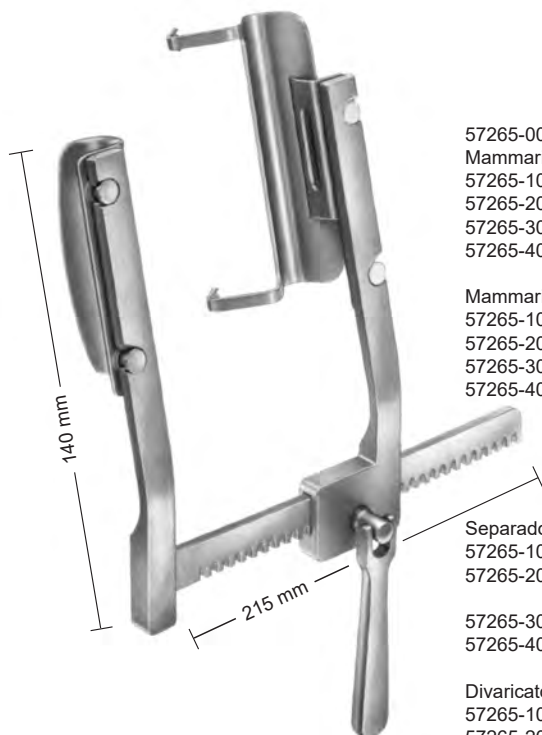


rostfrei  
stainless  
acero inoxidable  
inossidabile

TUFFIER

|          | a  | b  | c   |
|----------|----|----|-----|
|          | mm | mm | mm  |
| 57264-16 | 50 | 45 | 165 |

Sternum-Sperrer  
Sternum Retractors  
Separador de esternón  
Divaricatore sternale



57265-00

Mammaria Sperrer, komplett bestehend aus:

57265-10 Sperrer allein

57265-20 Mammariablatt, komplett mit Aufnahmeblatt links und rechts

57265-30 1 Paar Sternumblätter 30x100 mm

57265-40 1 Paar Sternumblätter 40x100 mm

Mammaria spreader, complete consisting of:

57265-10 Retractor only

57265-20 Mammaria blade complete with holding blades left and right

57265-30 1 pair of sternum blades 30x100 mm

57265-40 1 pair of sternum blades 40x100 mm

Separador de mamaria, completo compuesto por:

57265-10 Sólo retractor

57265-20 Hoja de mamaria completa

con hojas de sujeción a la izquierda y a la derecha

57265-30 1 par de hojas de esternón 30x100 mm

57265-40 1 par de hojas de esternón 40x100 mm

Divaricatore per mammarie, completo di:

57265-10 Solo divaricatore

57265-20 Lama per mammaria completa

di lame di contenimento destra e sinistra

57265-30 1 coppia di lame per sterno 30x100 mm

57265-40 1 coppia di lame per sterno 40x100 mm



57265-20

Mammariablatt, komplett

Mammaria blade, complete

Hoja de mamaria, completa

Lama di mammaria, completa



57265-30

Sternumblätter 30x100 mm

Sternum blades 30x100 mm

Hojas de esternón 30x100 mm

Lame per sterno 30x100 mm

57265-40

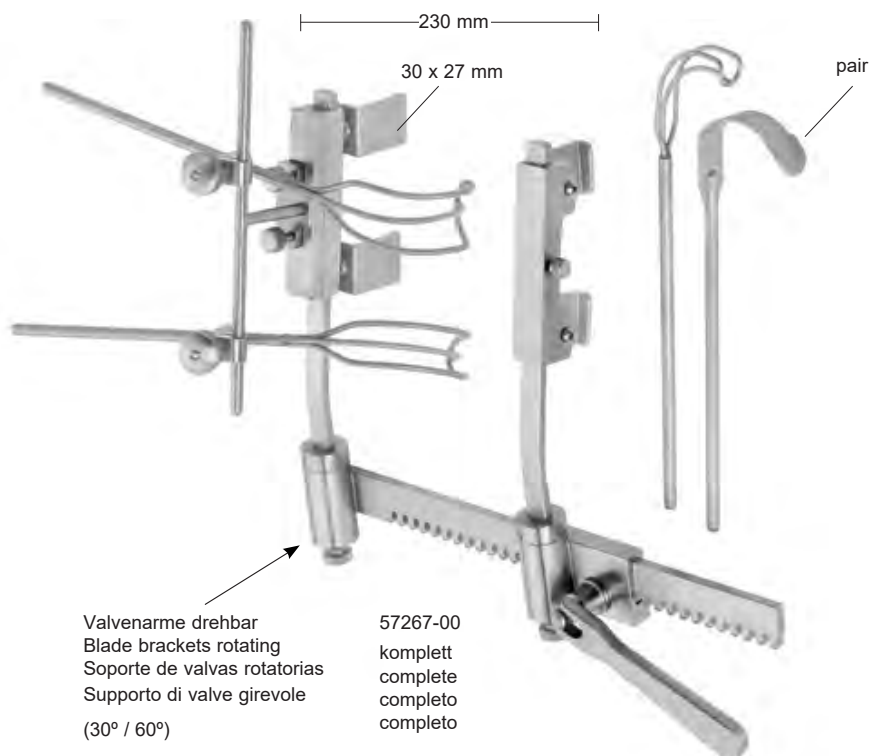
Sternumblätter 40x100 mm

Sternum blades 40x100 mm

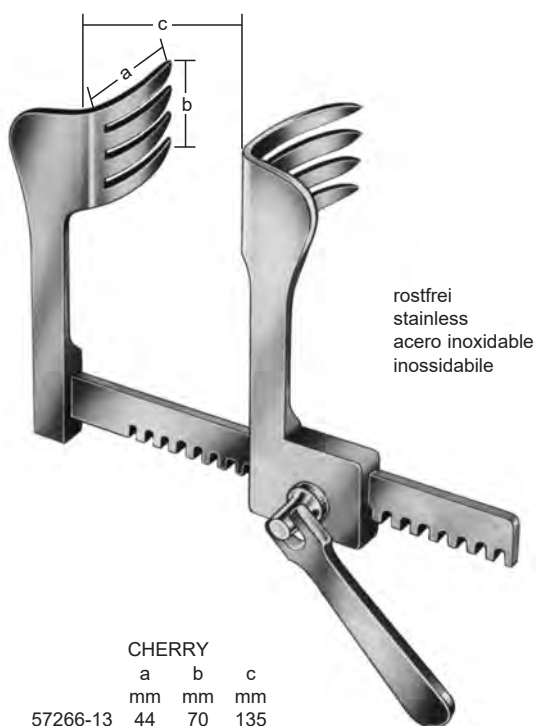
Hojas de esternón 40x100 mm

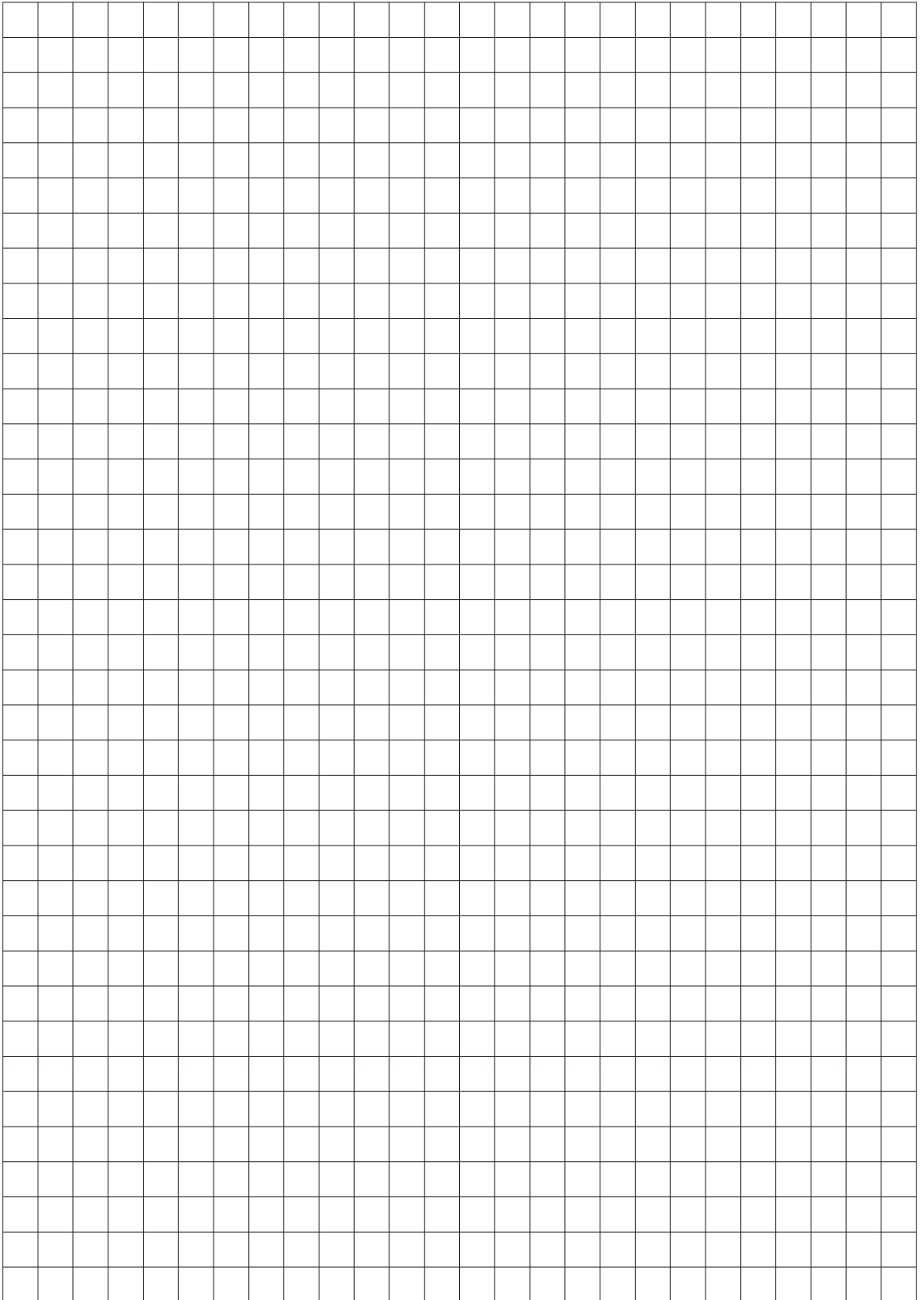
Lame per sterno 40x100 mm

Rippensperrer  
Rib Spreaders  
Separadores costales  
Divaricatori costali

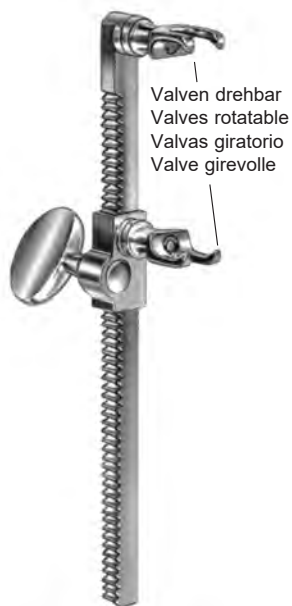


Laminektomie-Sperrer  
 Laminectomy-Retractor  
 Separadores para laminectomía  
 Divaricatori Laminectomia





Rippenkonraktoren  
 Rib Contractors  
 Aproximadores para costillas  
 Approssimatori costali



SELLORS  
 57280-19  
 20 cm, 8"



BAILEY-BABY  
 57283-14  
 14 cm, 5 1/2"



BAILEY  
 57284-16  
 16 cm, 6 1/4"

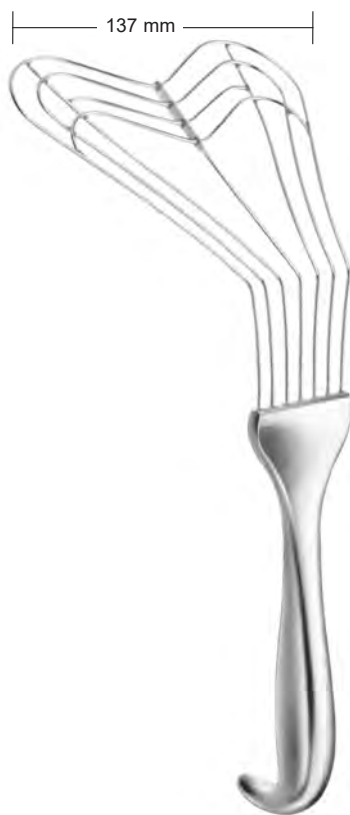
kurze Klauen  
 short claws  
 garras cortas  
 pinze corte



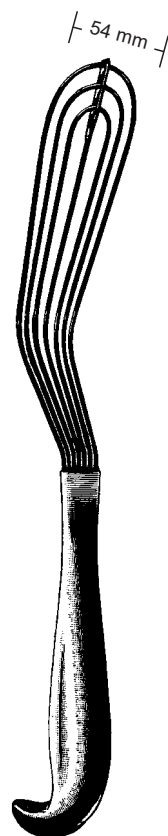
BAILEY-GIBBON  
 57286-16  
 16 cm, 6 1/4"

lange Klauen  
 long claws  
 garras largas  
 pinze lunghe

Lungenspatel  
Lung Spatulas  
Espátulas pulmonares  
Spatole per polmone

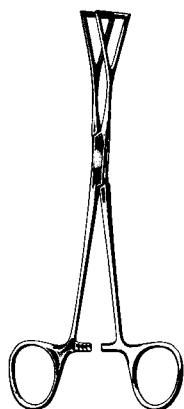


57288-30  
30 cm, 11 <sup>3</sup>/<sub>4</sub>"

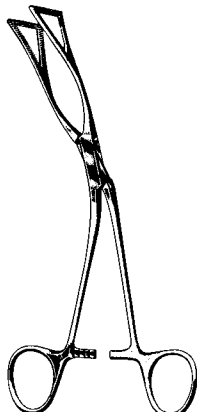
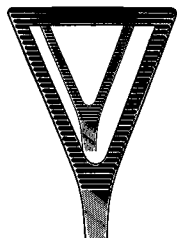


ALLISON  
57289-32  
32 cm, 12 <sup>3</sup>/<sub>4</sub>"

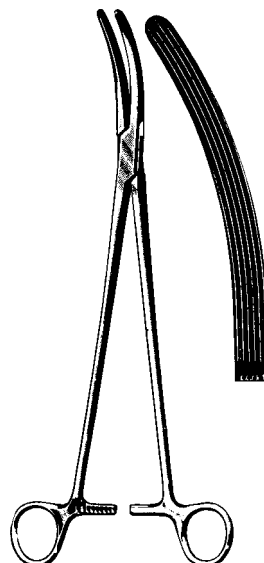
Lungenfaßzange, Bronchusklemmen  
 Lung Grasping Forceps, Bronchus Forceps  
 Pinzas para coger el pulmón, Pinzas clamps bronquiales  
 Pinze per afferrare il polmone, Pinze per bronchi



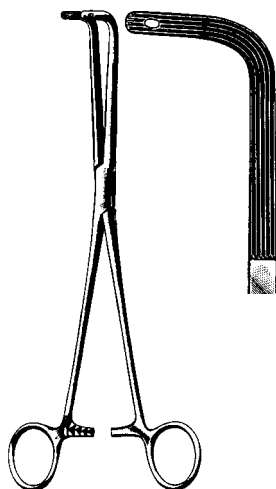
LOVELACE  
 57290-20  
 20 cm, 8"



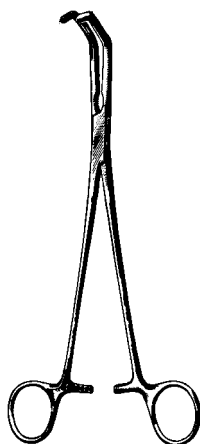
LOVELACE  
 57291-20  
 20 cm, 8"



HARRINGTON  
 57301-30  
 30,5 cm, 12"

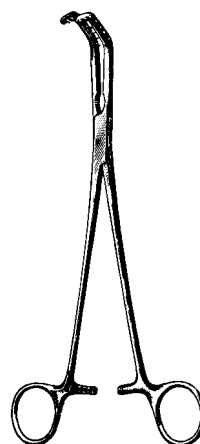


FINOCIETTO  
 57307-24  
 24 cm, 9 1/2"



PRICE-THOMAS  
 57309-22  
 22 cm, 8 3/4"

57311-22  
 Zähne links  
 tooth left  
 dientes izquierda  
 denti sinistro



PRICE-THOMAS  
 22 cm, 8 3/4"

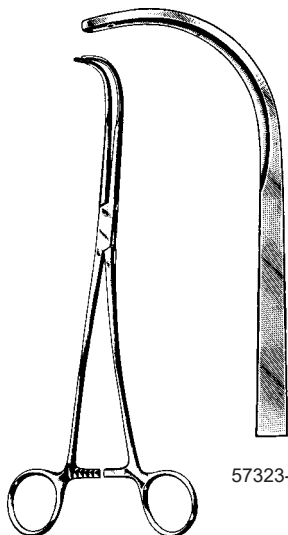
57313-22  
 Zähne rechts  
 tooth right  
 dientes derecha  
 denti destro



Bronchusklemmen, Gefäßklemmen  
Bronchus Forceps, Blood Vessel Clamps  
Pinzas clamps bronquiales, Pinzas-clamps para vasos  
Pinze per bronchi, Pinze cardiovascolari

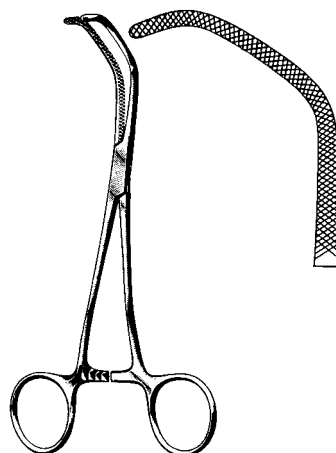


57321-23

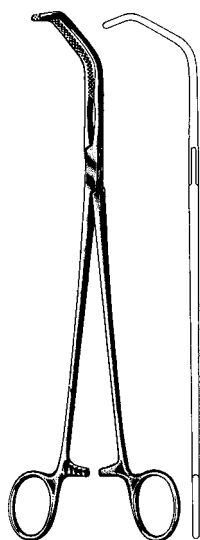


57323-23

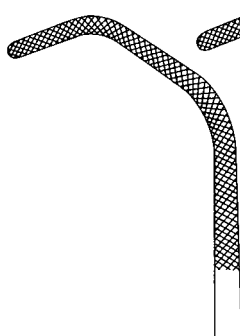
SEMB  
23 cm, 9"



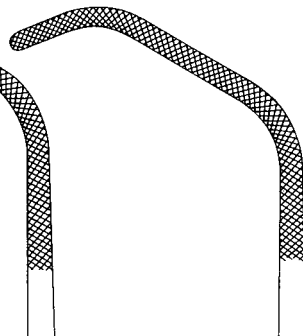
SATINSKY  
57325-15  
15 cm, 6"



SATINSKY  
57327-26 - 57329-26  
26 cm, 10 1/4"

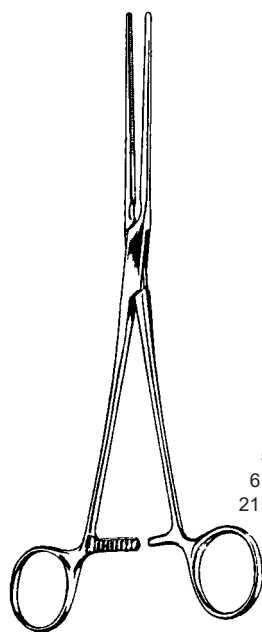


57327-26  
Fig. 1



57329-26  
Fig. 2

Coarctations-Klemmen  
Coarctation clamps  
Pinzas clamps para coartación  
Pinza per coartazione



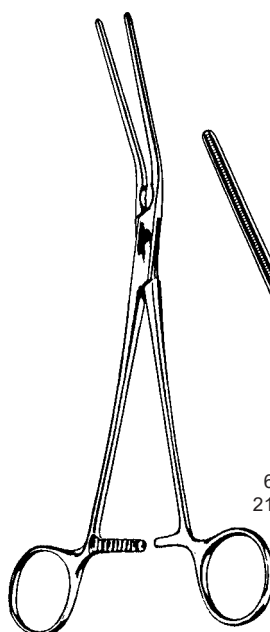
POTTS  
61000-21 - 61000-22



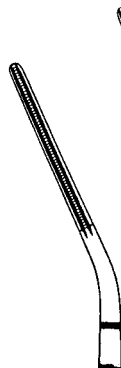
51 mm  
61000-21  
21 cm, 8 1/4"



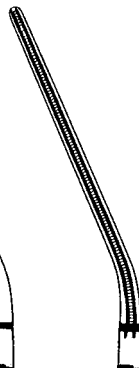
58 mm  
61000-22  
22 cm, 8 3/4"



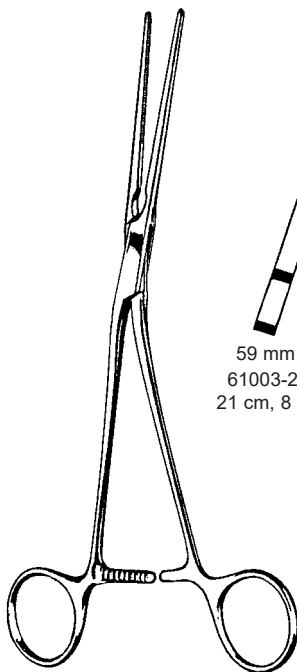
POTTS  
61001-21 - 61001-22



51 mm  
61001-21  
21 cm, 8 1/4"



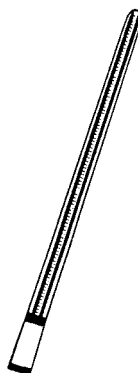
60 mm  
61001-22  
22 cm, 8 3/4"



POTTS  
61003-21 - 61003-22



59 mm  
61003-21  
21 cm, 8 1/4"



56 mm  
61003-22  
22 cm, 8 3/4"



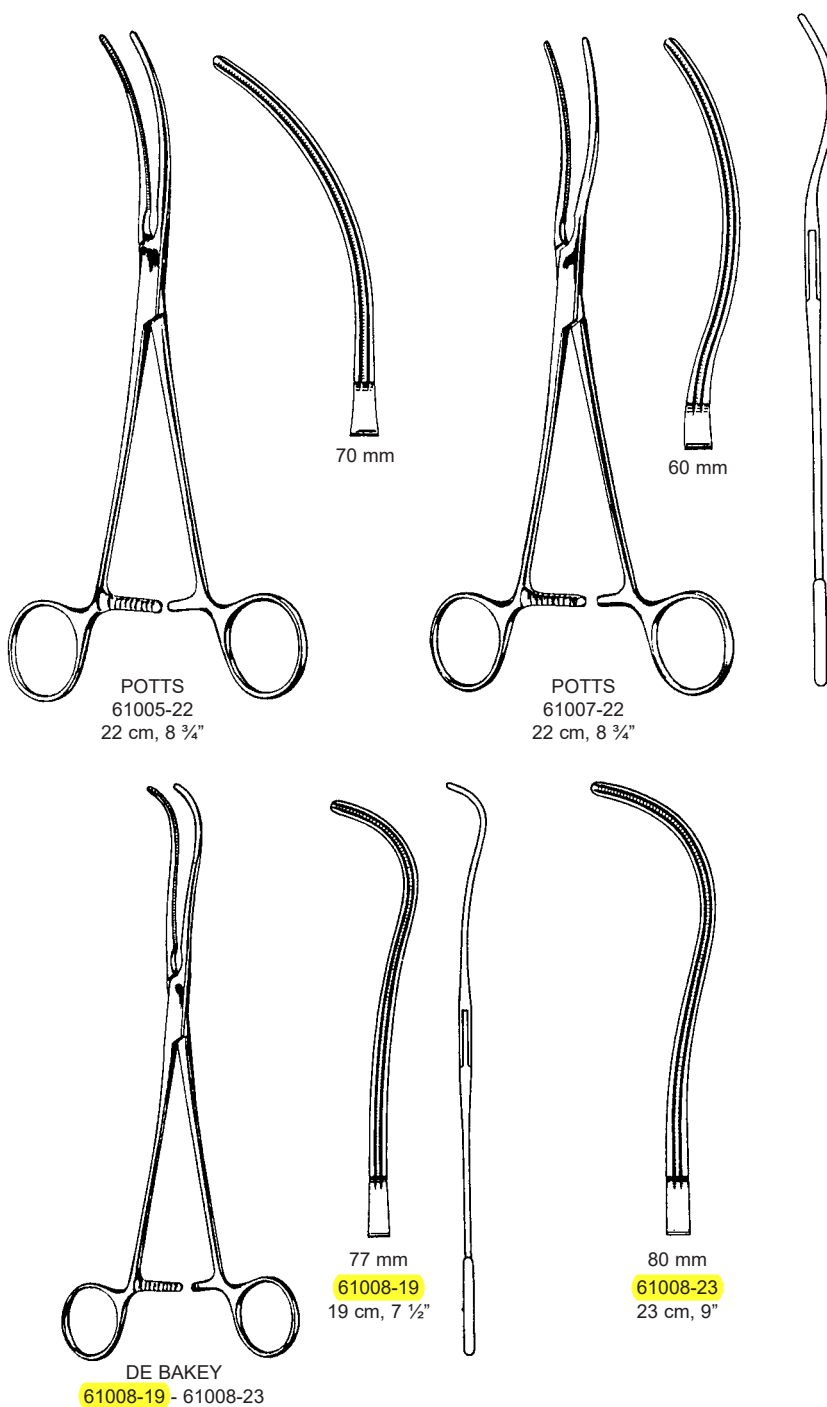
## Atrauma

Anastomosen-Klemmen, Präparier- und Ligaturklemmen

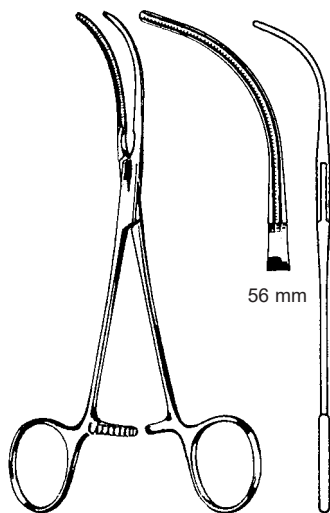
Anastomosis clamps, Dissecting and ligature forceps

Pinzas clamps para anastomosis, Pinzas para preparaciones y ligaduras

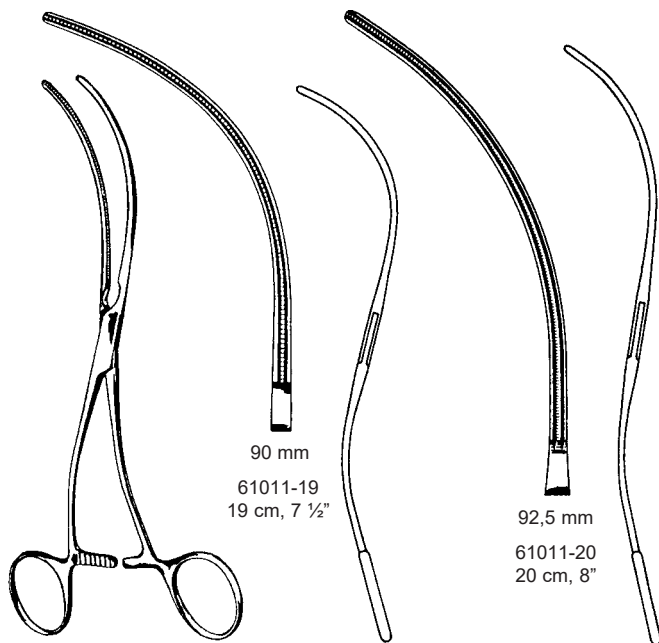
Pinze per anastomosi, Pinze per preparazioni e legature



Peripheral-Gefäßklemmen  
 Peripheral vascular clamps  
 Pinzas-clamps para vasos periféricos  
 Pinze vascolari periferici



DE BAKEY  
 61009-16  
 16 cm, 6 1/4"



90 mm  
 61011-19  
 19 cm, 7 1/2"

92,5 mm  
 61011-20  
 20 cm, 8"

DE BAKEY  
 61011-19 - 61011-20

# Atrauma

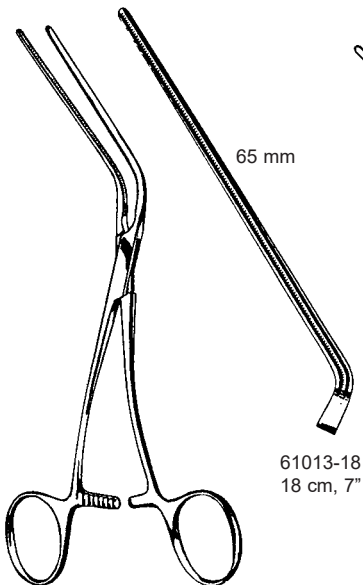
Peripheral-Gefäßklemmen  
 Peripheral vascular clamps  
 Pinzas-clamps para vasos periféricos  
 Pinze vascolari periferici



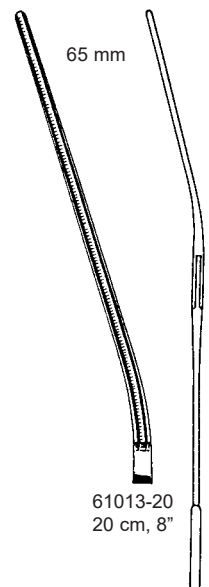
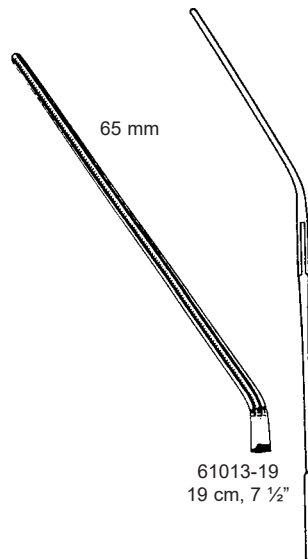
61012-17  
 17,5 cm, 7"

61012-18  
 18 cm, 7"

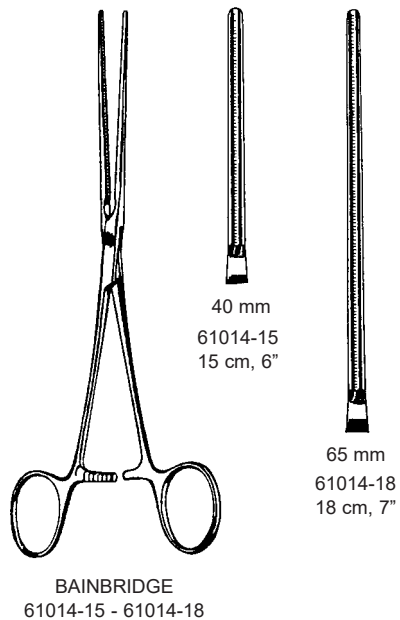
61012-19  
 18,5 cm, 7 1/4"



LELAND-JONES  
 61013-18 - 61013-20

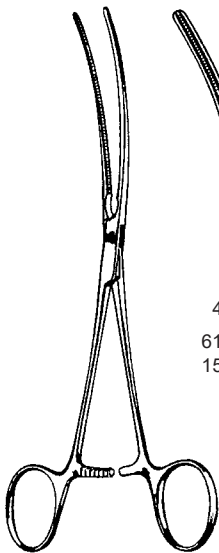


Peripheral-Gefäßklemmen  
Peripheral vascular clamps  
Pinzas-clamps para vasos periféricos  
Pinze vascolari periferici

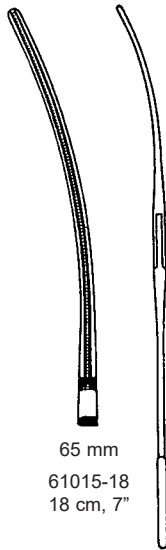


## Atrauma

Peripheral-Gefäßklemmen  
 Peripheral vascular clamps  
 Pinzas-clamps para vasos periféricos  
 Pinze vascolari periferici

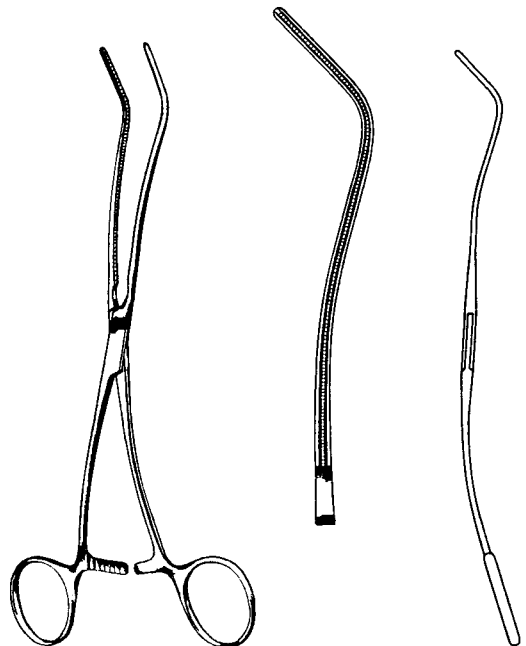


40 mm  
 61015-15  
 15 cm, 6"



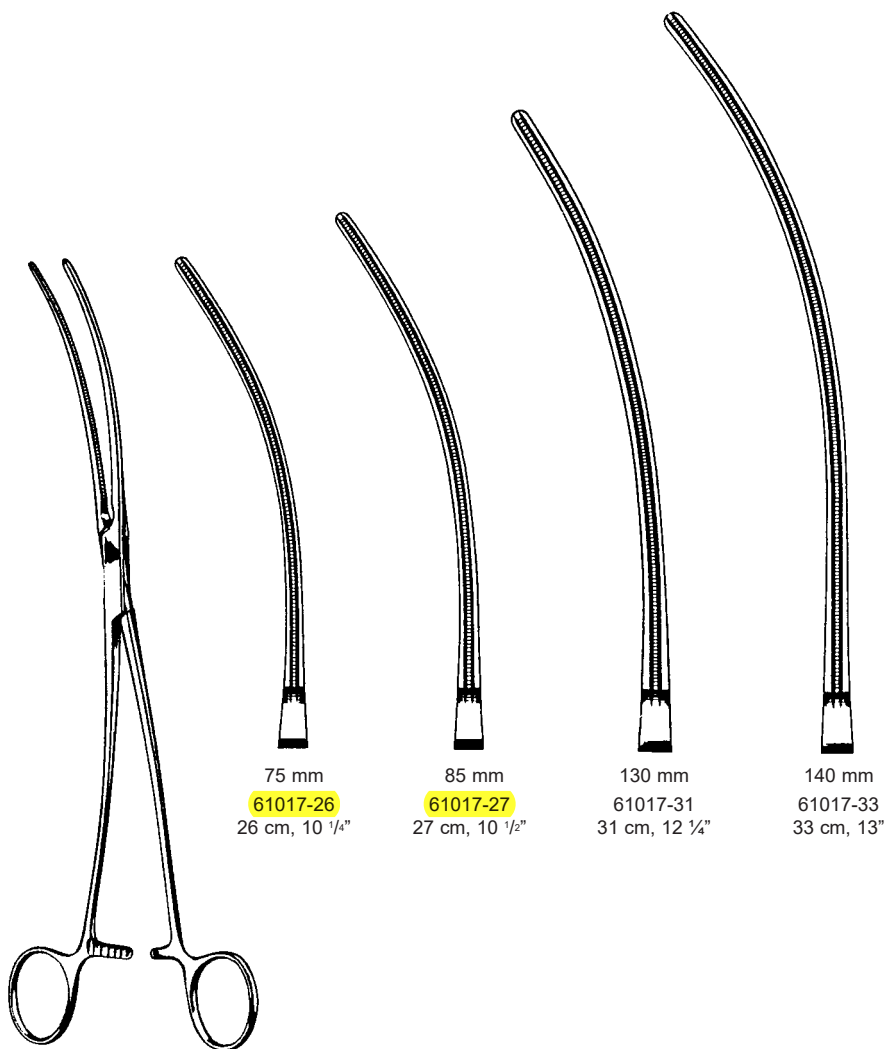
65 mm  
 61015-18  
 18 cm, 7"

BAINBRIDGE  
 61015-15 - 61015-18



DE BAKEY  
 61016-20  
 20 cm, 8"

Aorta-Aneurysmaklemmen  
 Aortic aneurysm clamps  
 Pinzas-clamps para aneurisma de la aorta  
 Pinze per aneurisma aorta

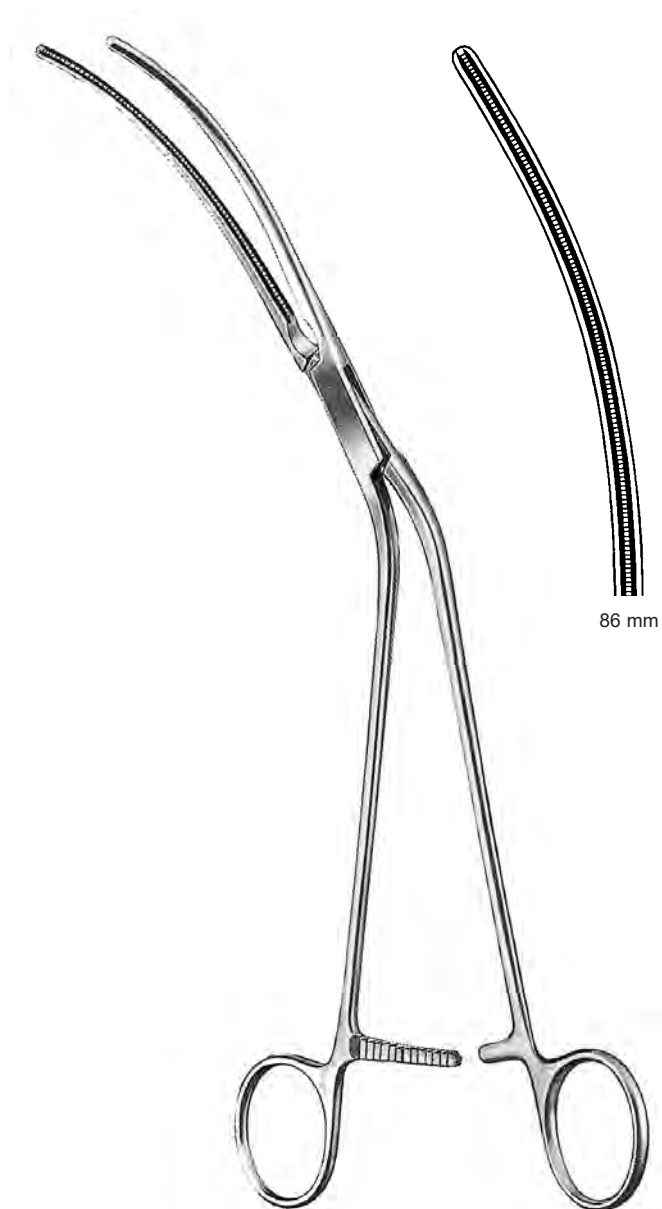


DE BAKEY  
 61017-26 - 61017-33



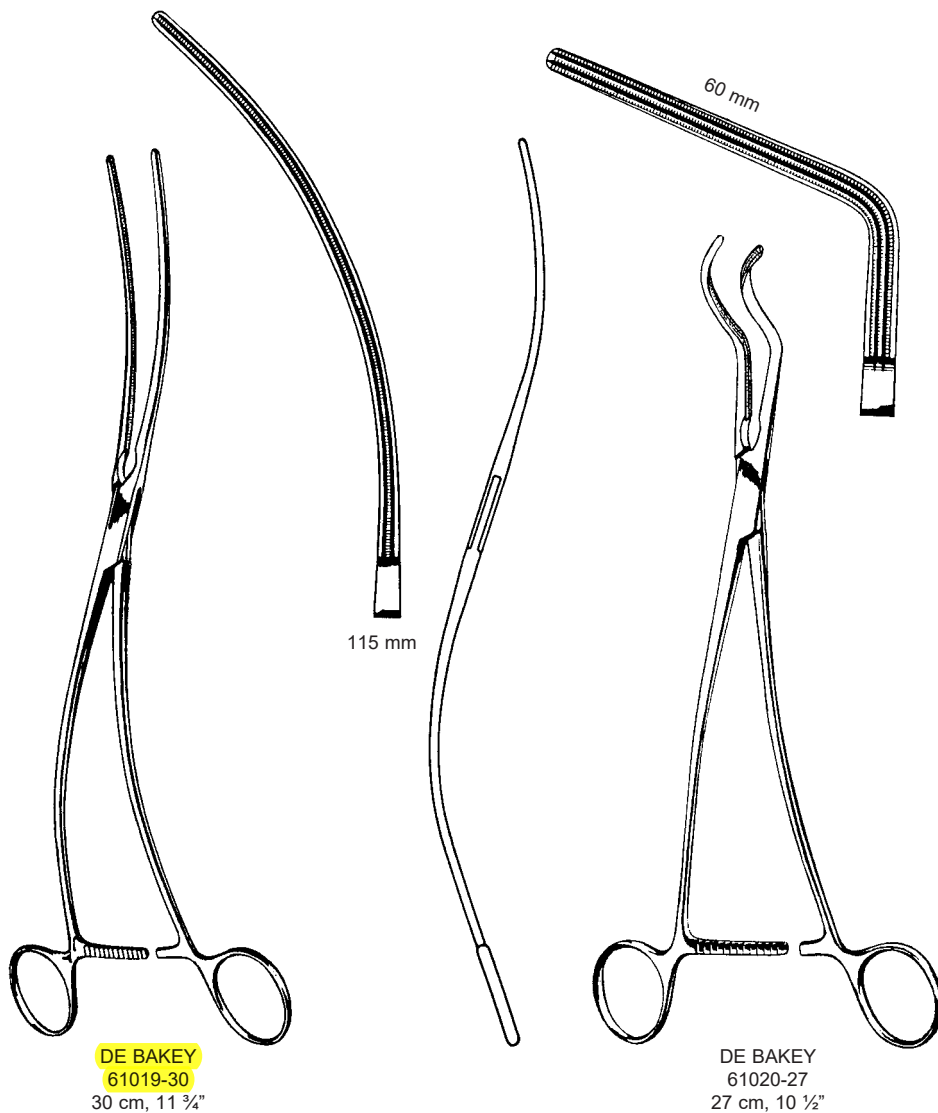
**Atrauma**

Aorta-Aneurysmaklemmen  
Aortic aneurysm clamps  
Pinzas-clamps para aneurisma de la aorta  
Pinze per aneurisma aorta



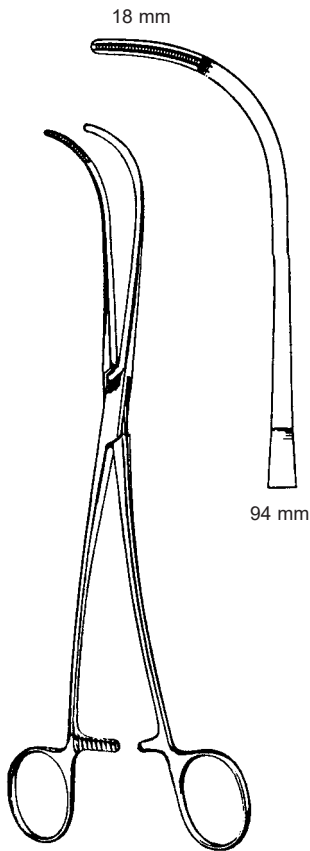
DE BAKEY  
61018-28  
28 cm, 11"

Aorta-Aneurysmaklemmen  
Aortic aneurysm clamps  
Pinzas-clamps para aneurisma de la aorta  
Pinze per aneurisma aorta

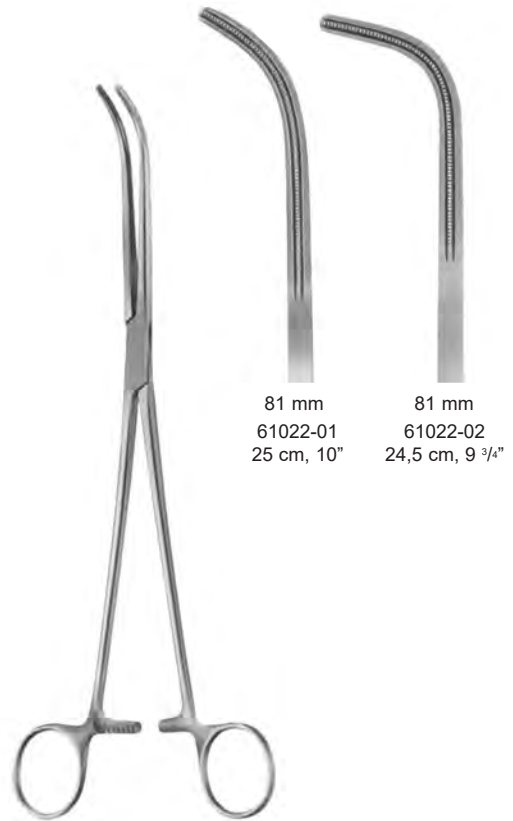


## Atrauma

Präparier- und Ligaturklemme  
Dissecting- and Ligature clamp  
Pinzas clamps para disección, ligaduras  
Pinze per dissezione, legature



DE BAKEY  
61021-24  
24 cm, 9 ½"

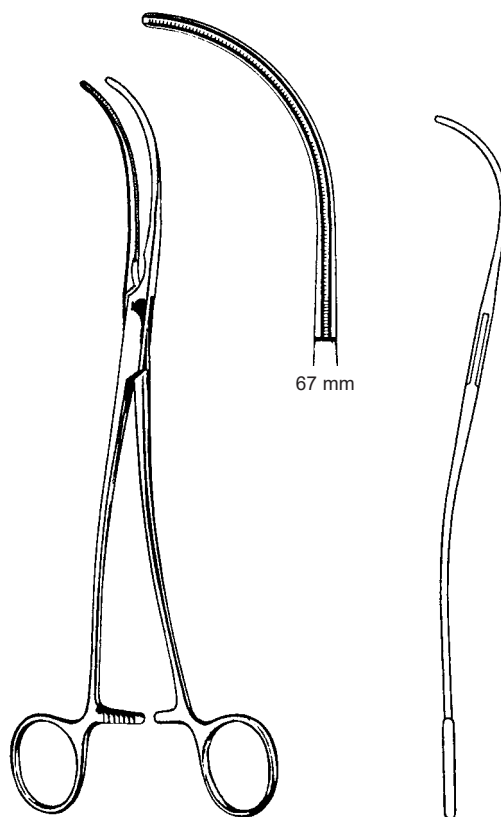


DE BAKEY-RUMEL

81 mm  
61022-01  
25 cm, 10"

81 mm  
61022-02  
24,5 cm, 9 ¾"

Ligaturklemmen  
Ligature clamps  
Pinzas clamps para ligaduras  
Pinze per legature



DE BAKEY  
61022-24  
24 cm, 9 1/2"

**Atrauma**

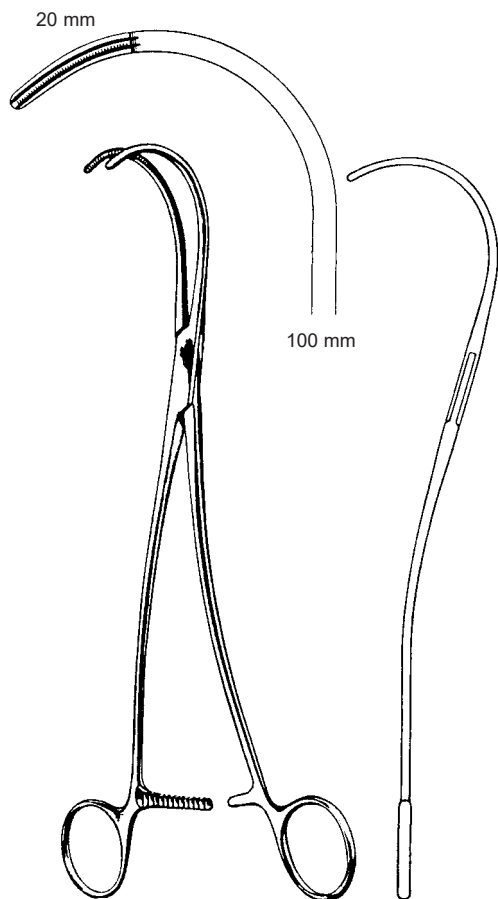
Präparier- und Ligaturklemmen  
Dissecting- and Ligature clamps  
Pinza para disección y ligatura  
Pinze per dissezione e legature



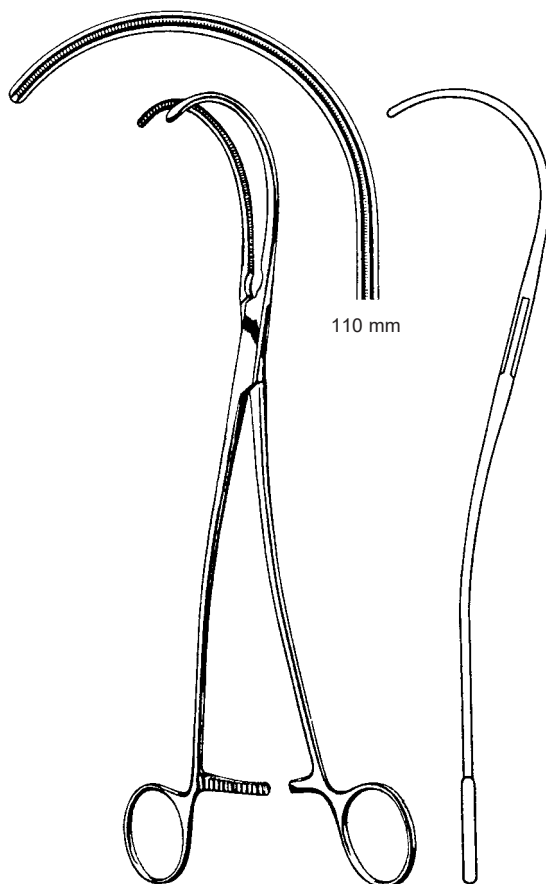
80 mm

DE BAKEY-MIXTER  
61022-28  
28,5 cm, 11 1/4"

Ligaturklemme  
Ligature clamp  
Pinzas clamps para ligaduras  
Pinze per legature



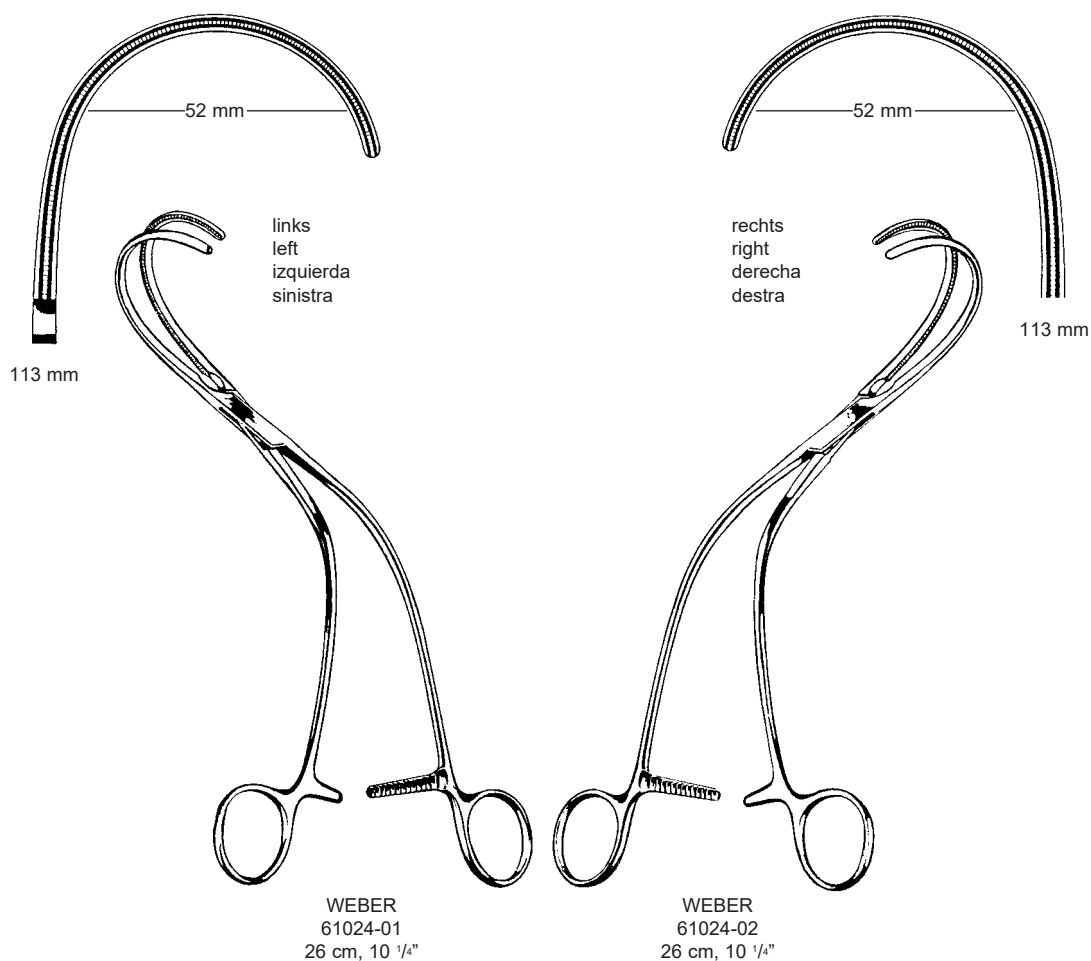
DE BAKEY  
61023-25  
25 cm, 10"



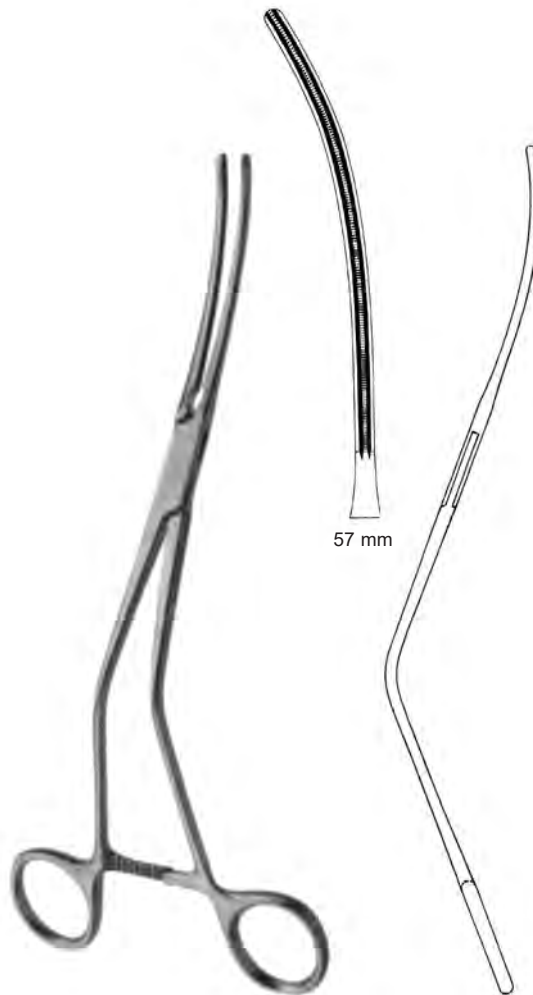
DE BAKEY  
61023-26  
26 cm, 10 1/4"

# Atrauma

Aortaklemmen  
Aortic clamps  
Pinzas-clamps para la aorta  
Pinze per aorta



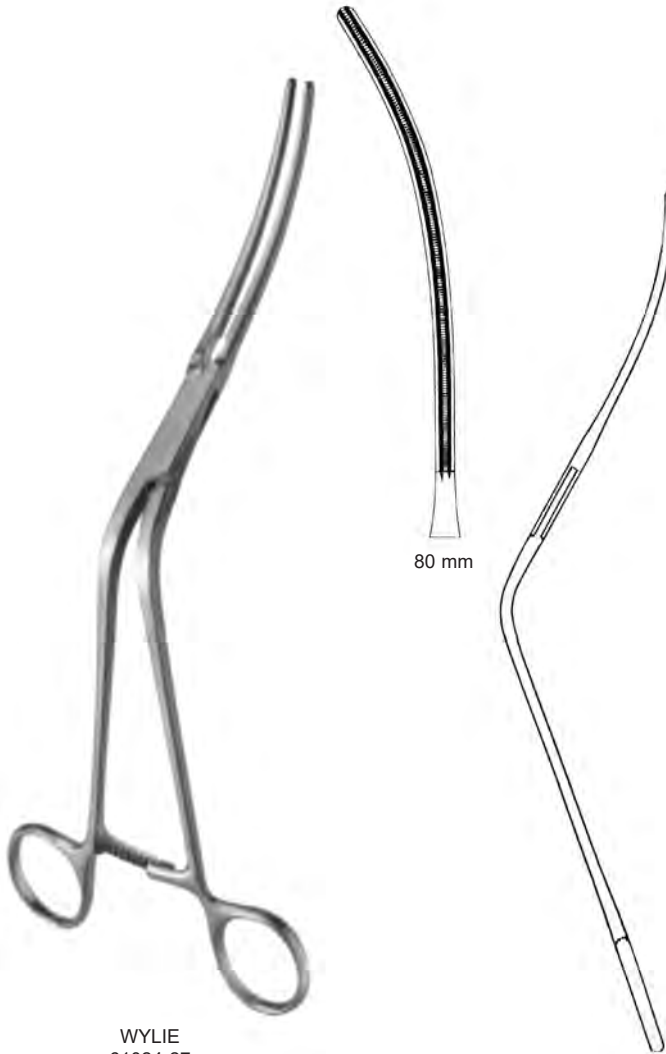
Aortaklemmen  
Aortic clamps  
Pinzas-clamps para la aorta  
Pinze per aorta





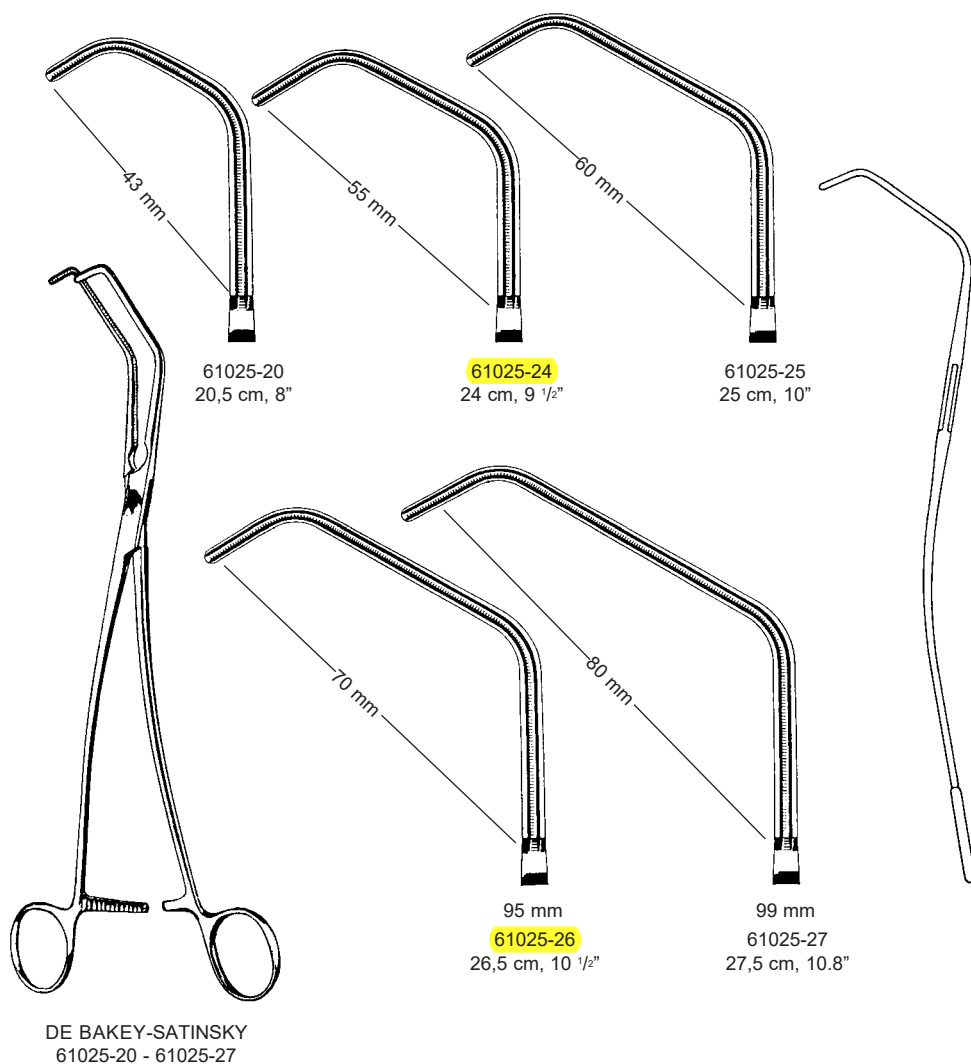
**Atrauma**

Aortaklemmen  
Aortic clamps  
Pinzas-clamps para la aorta  
Pinze per aorta



WYLIE  
61024-27  
27 cm, 10 1/2"

Tangentialklemmen  
Tangential occlusion clamps  
Pinzas-clamps para oclusión tangencial  
Pinze per occlusione tangenziale

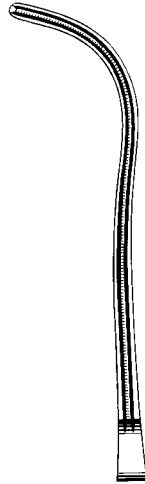


# Atrauma

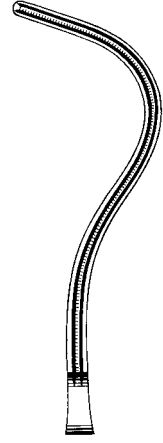
Aurikelklemmen  
Auricle clamps  
Pinza-clamps auriculares  
Pinza auricula



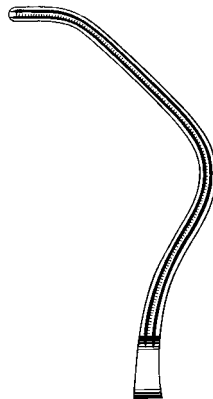
HARKEN  
61026-01 - 61026-04



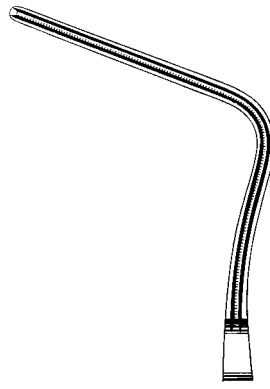
86 mm  
61026-01  
24 cm, 9 1/2"



86 mm  
61026-02  
24 cm, 9 1/2"

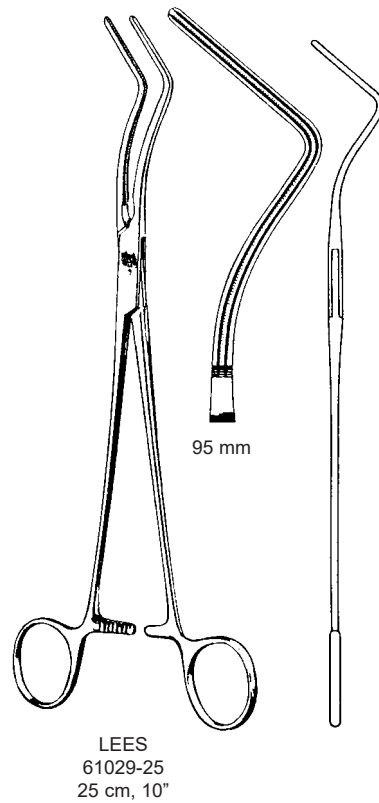
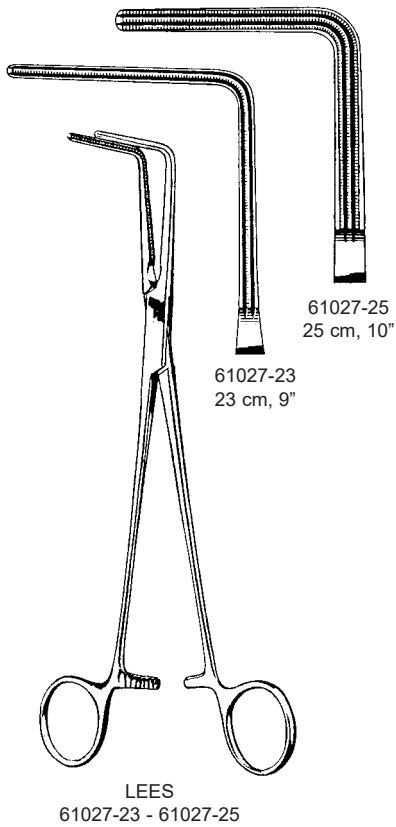


86 mm  
61026-03  
24 cm, 9 1/2"



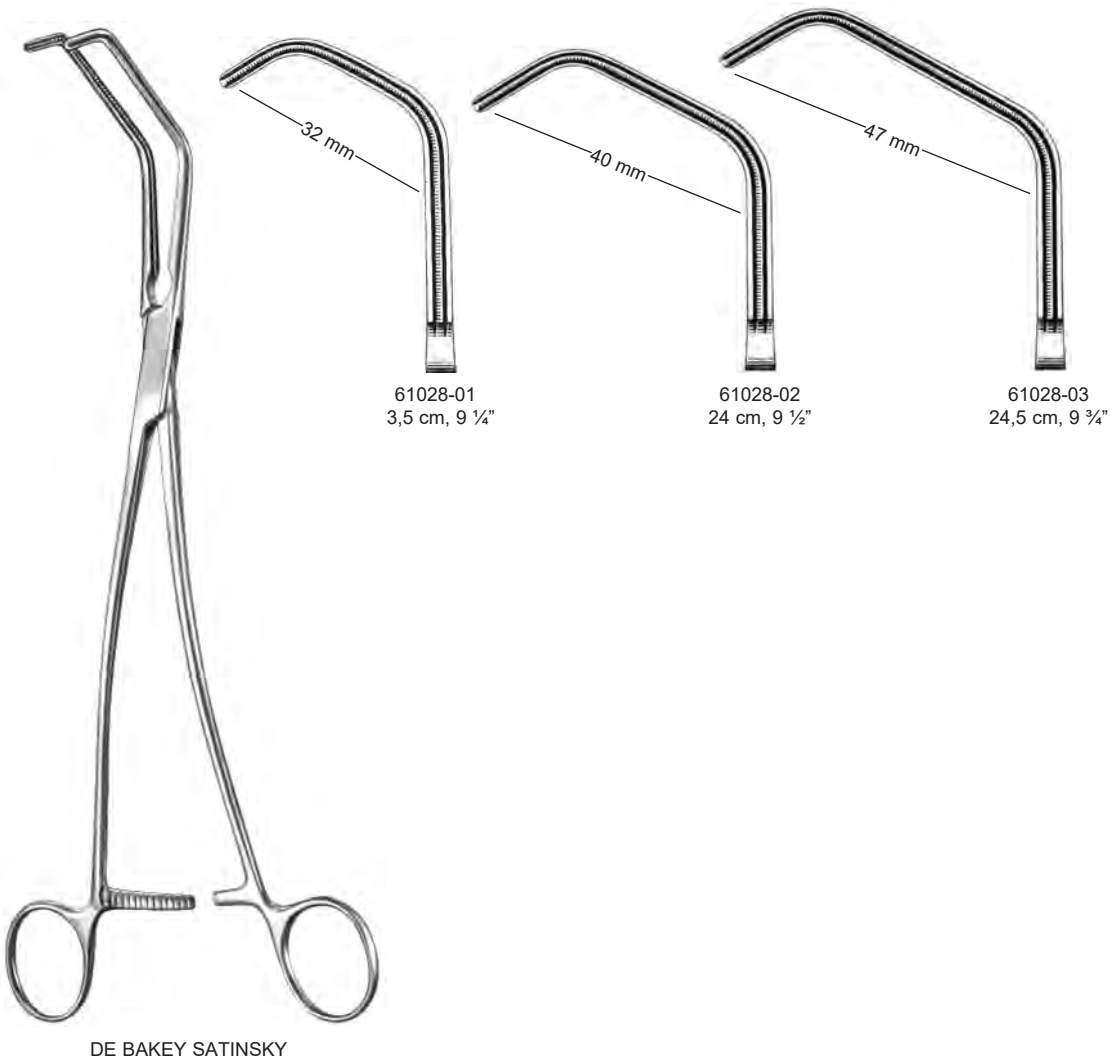
86 mm  
61026-04  
24 cm, 9 1/2"

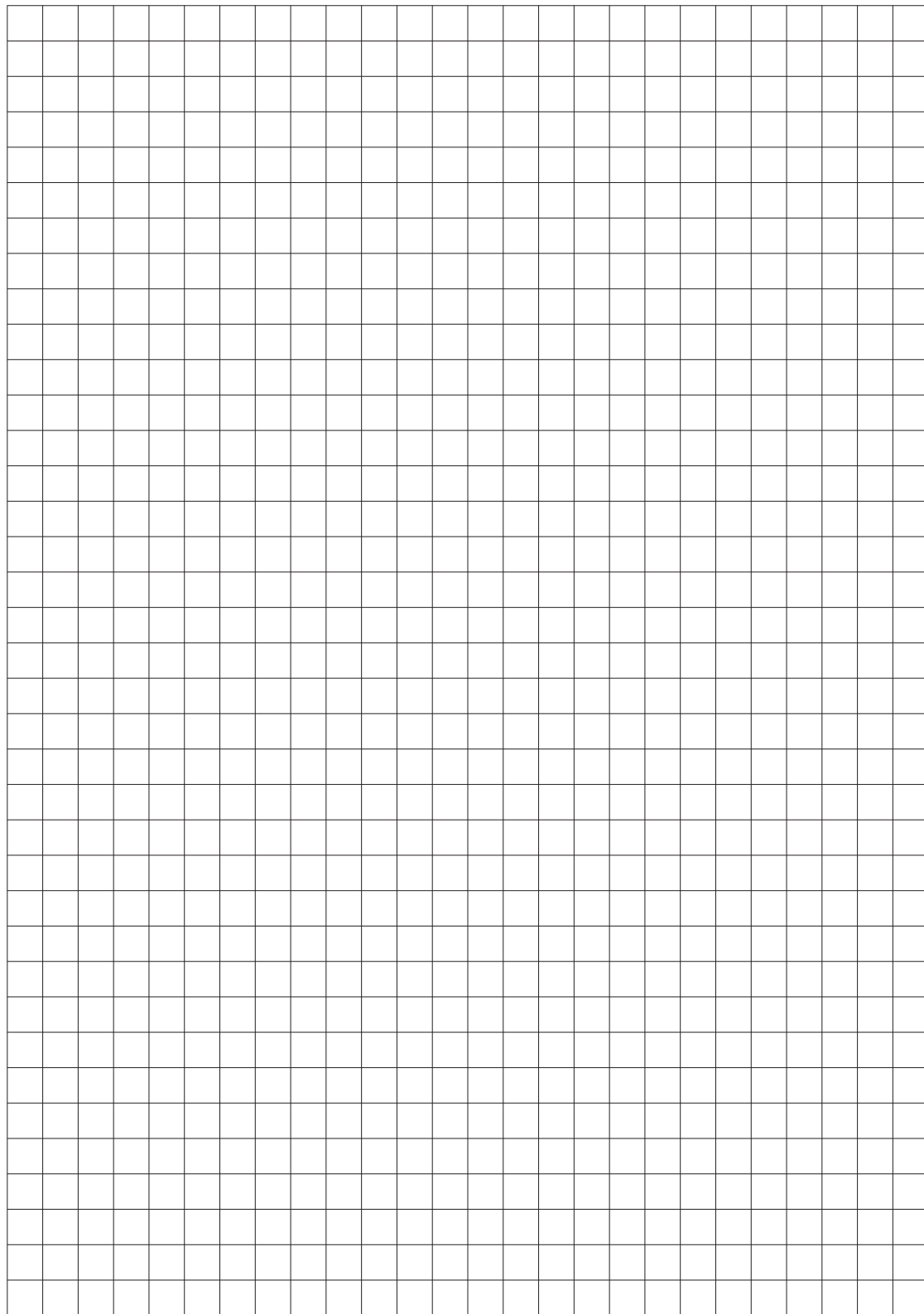
Bronchusklemmen  
 Bronchus clamp  
 Pinzas-clamps bronquiales  
 Pinze per bronchi



## Atrauma

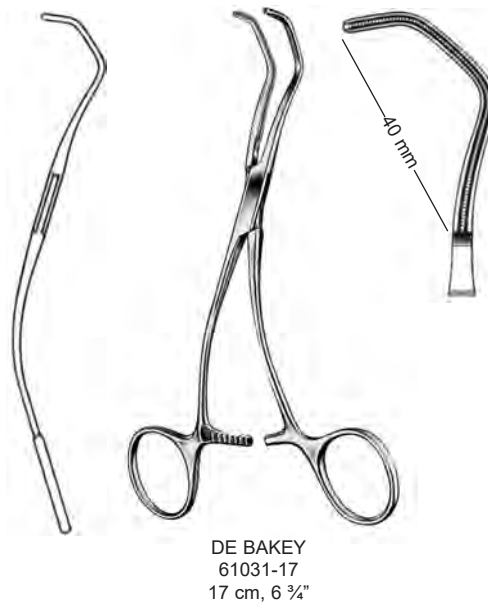
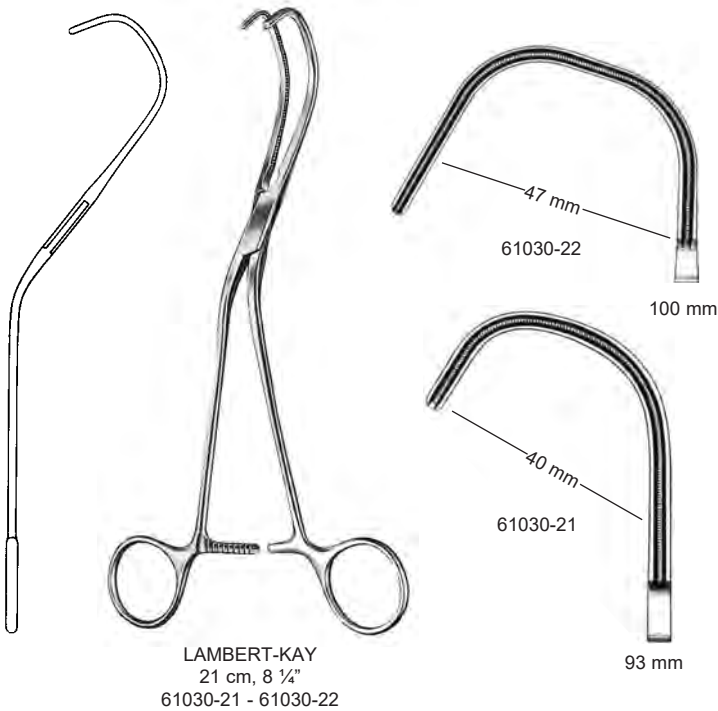
Präparier- und Ligaturklemmen  
 Dissecting- and Ligature clamps  
 Pinza para disección y ligatura  
 Pinze per dissezione e legature



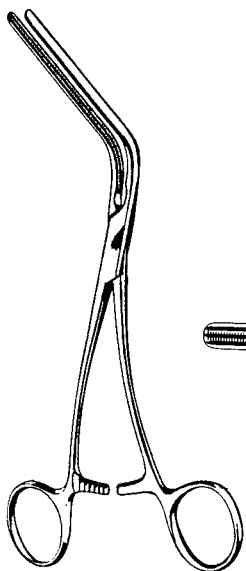


## Atrauma

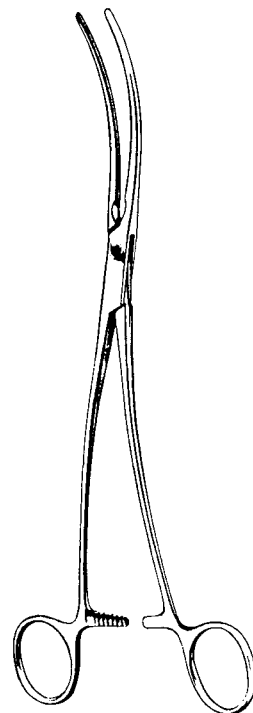
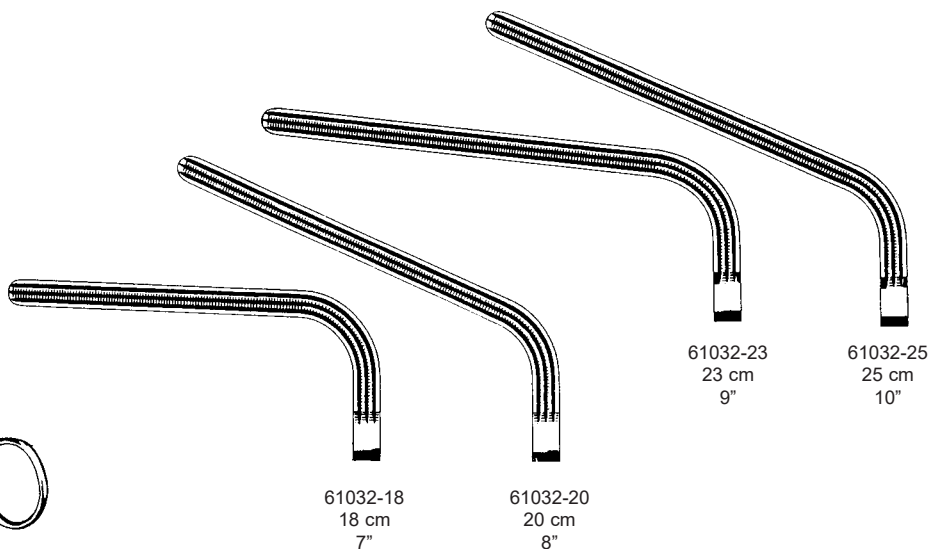
Aorta-Anastomosenklemmen  
Aortic anastomosis Clamps  
Pinzas-clamps para anastomosis  
Pinze anastomosi aorta



Aorta- und Aneurysmaklemme  
Aortic- and Aneurysm Clamps  
Pinzas aórticas y para aneurisma  
Pinze per aorta e per aneurisma



MORRIS-DE BAKEY  
61032-18 - 61032-25

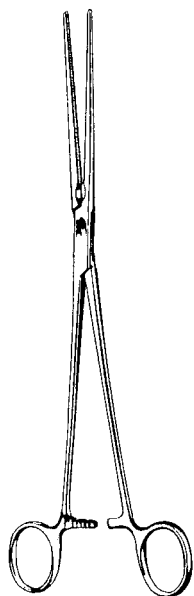


DE BAKEY-BAHNSON  
61033-23 - 61033-25



# Atrauma

Mehrzweck-Gefäßklemme  
Multi purpose Vascular Clamps  
Pinzas vasculares de usos multiples  
Pinze vascolari universali



DE BAKEY  
61034-21 - 61034-31



53 mm  
61034-21  
21,5 cm  
8 1/2"



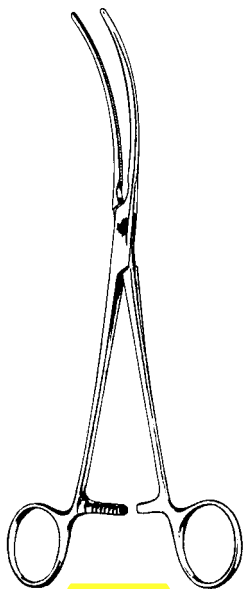
68 mm  
61034-23  
23 cm  
9"



75 mm  
61034-27  
27 cm  
10 1/2"



112 mm  
61034-31  
31,5 cm  
12 1/2"



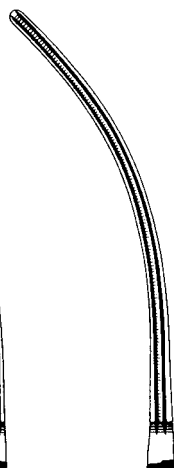
DE BAKEY  
61035-21 - 61035-31



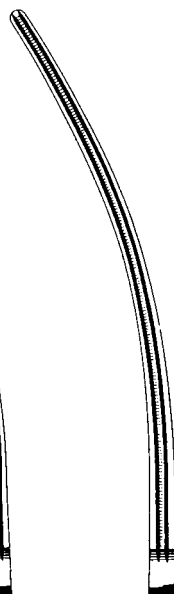
60 mm  
61035-21  
21,5 cm  
8 1/2"



77 mm  
61035-23  
23 cm  
9"

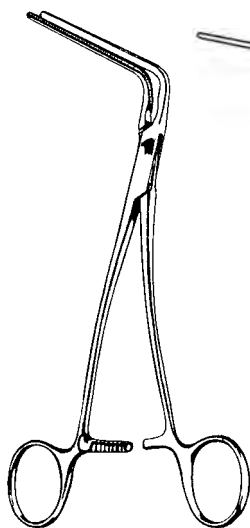


89 mm  
61035-27  
27 cm  
10 1/2"

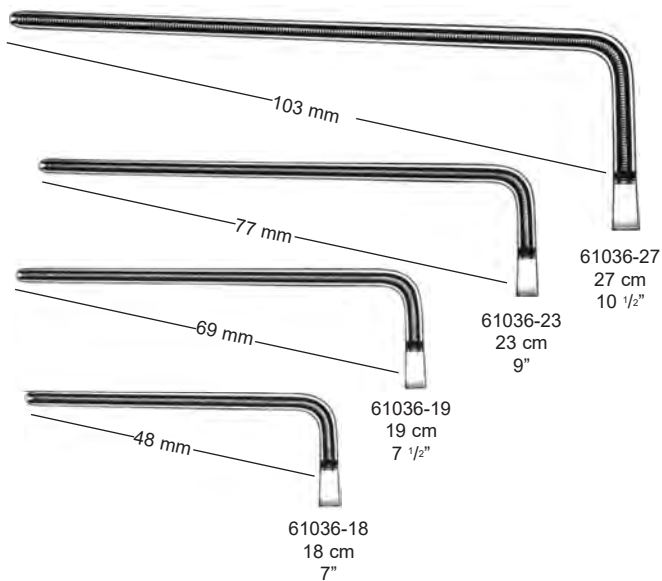


111 mm  
61035-31  
31 cm  
12 1/4"

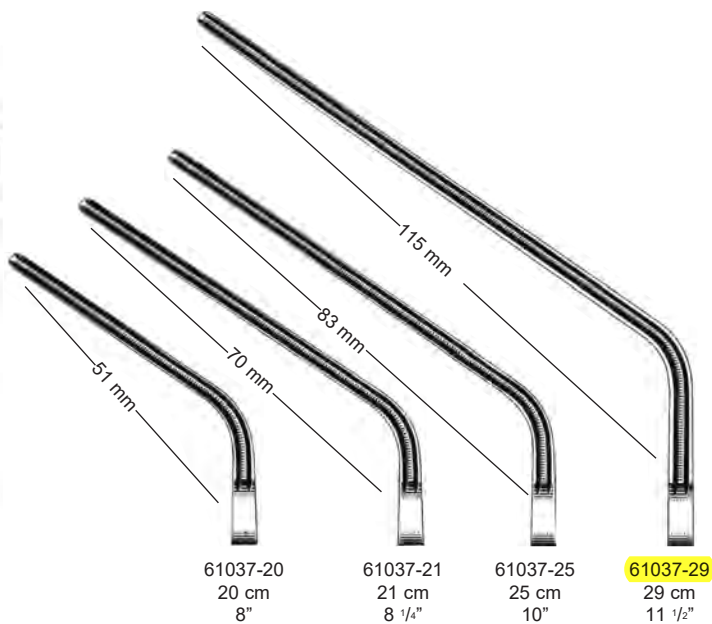
Mehrzweck-Gefäßklemme  
Multi purpose Vascular Clamps  
Pinzas vasculares de usos multiples  
Pinze vascolari universali



DE BAKEY  
61036-18 - 61036-27

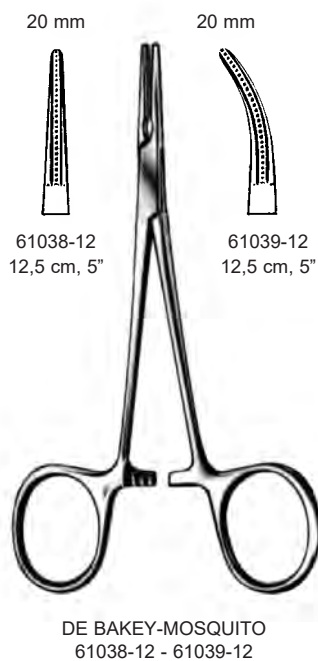


DE BAKEY  
61037-20 - 61037-29



**Atrauma**

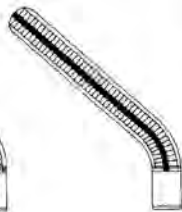
Arterienklemmen  
Hemostatic forceps  
Pinzas hemostáticas  
Pinze emostatiche



Mehrzweck-Gefäßklemme  
Multi purpose Vascular Clamps  
Pinzas vasculares de usos multiples  
Pinze vascolari universali



38 mm  
61039-90  
13 cm  
5 1/4"  
90°



38 mm  
61039-45  
15 cm  
6"  
45°



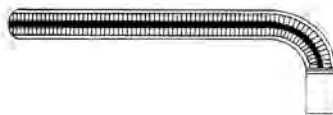
38 mm  
61039-30  
15 cm  
5 1/2"  
30°



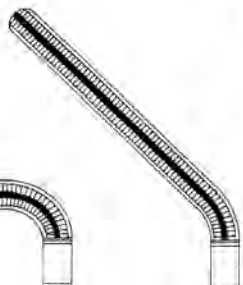
38 mm  
61039-15  
15 cm  
5 1/2"  
15°



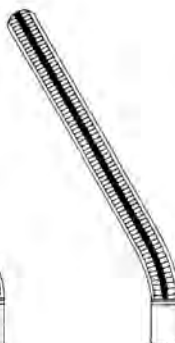
38 mm  
61039-00  
15 cm  
5 1/2"



58 mm  
61041-90  
13,5 cm  
5 1/4"  
90°



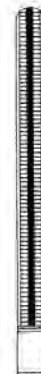
58 mm  
61041-45  
16 cm  
6 1/4"  
45°



58 mm  
61041-30  
17 cm  
6 3/4"  
30°



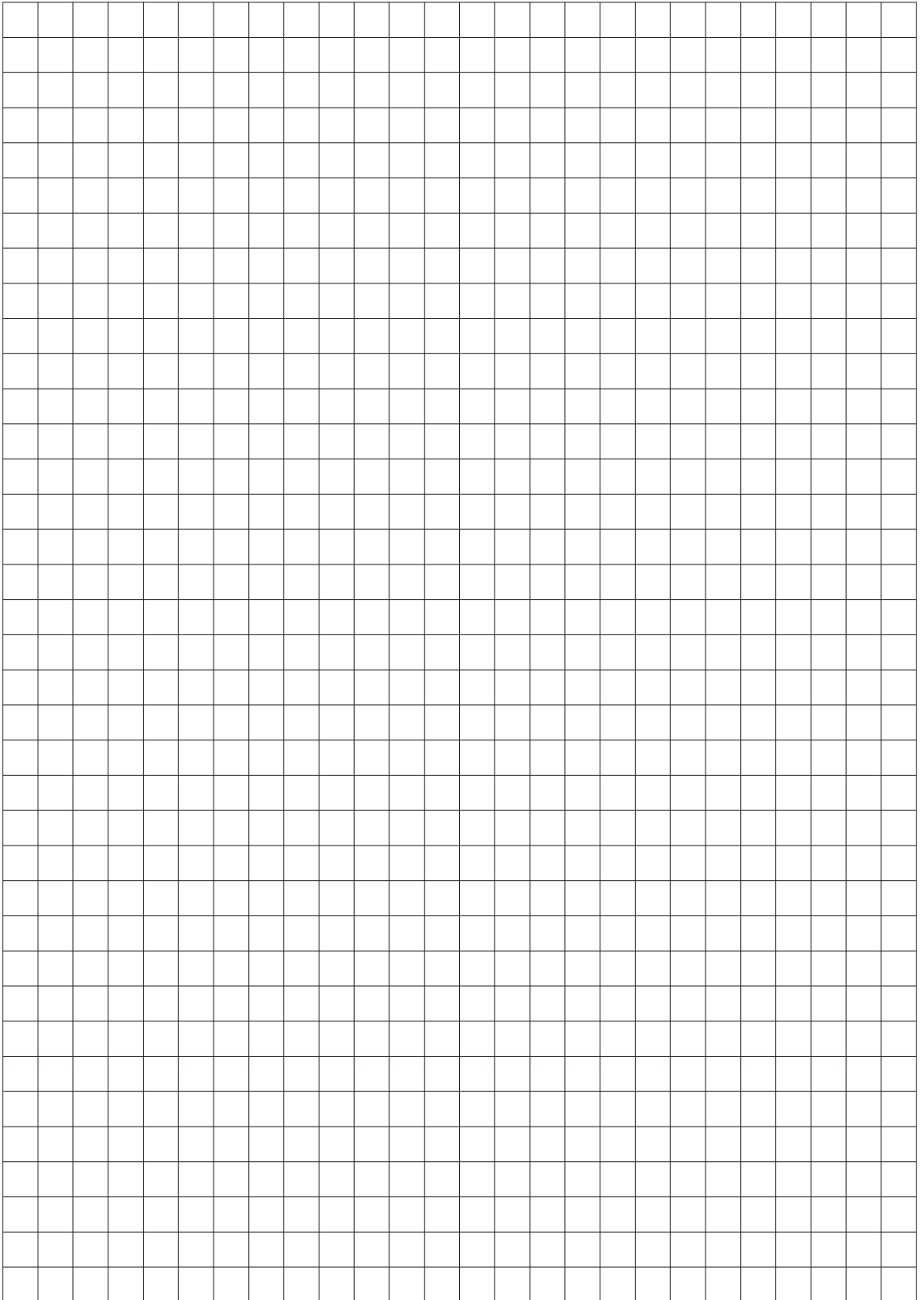
58 mm  
61041-15  
17 cm  
6 3/4"  
15°



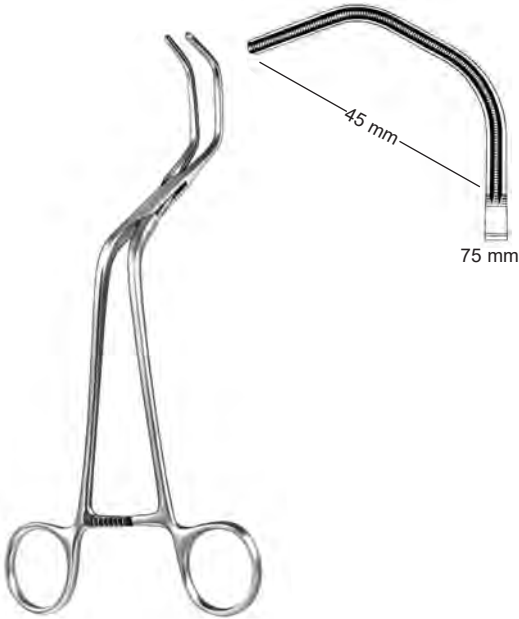
58 mm  
61041-00  
17 cm  
6 3/4"



DARDIK



Aortaklemme, Katheterklemme  
Aortic Clamps, Catheter Clamps  
Pinzas-clamps para aorta, Pinzas para catéteres  
Pinze per aorta, Pinze per cateteri



DIETRICH  
61040-21 21 cm, 8 1/4"



COOLEY  
61050-01 - 61050-07

| Charrière<br>(French) | Länge<br>Length<br>Largo<br>Lungo |          |
|-----------------------|-----------------------------------|----------|
| 24                    | 16 cm, 6 1/4"                     | 61050-01 |
| 26                    | 16 cm, 6 1/4"                     | 61050-02 |
| 32                    | 20 cm, 8"                         | 61050-05 |
| 36                    | 20 cm, 8"                         | 61050-07 |

61050-01 - 61050-02  
für Kinder  
for children  
para niños  
per bambini

61050-03 - 61050-07  
für Erwachsene  
for adults  
para adultos  
per adulti

**Atrauma**

Carotis-Shuntklemmen  
Carotid Shunt Clamps  
Pinzas para shunt carótido  
Pinze per carotide

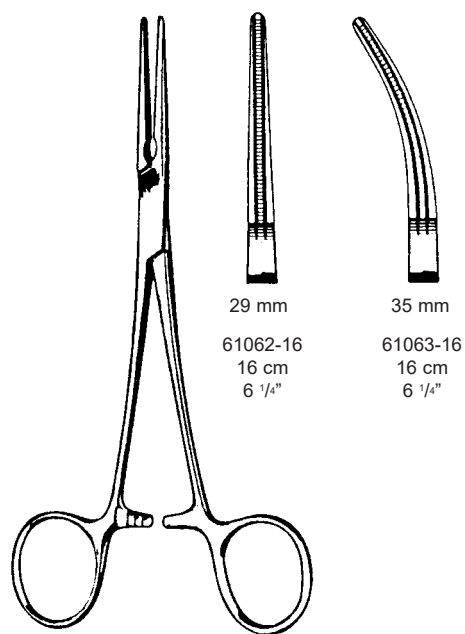


JAVID  
61045-18  
17,5 cm, 6.9"



JAVID  
61046-19  
18 cm, 7"

Arterienklemmen  
Haemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche

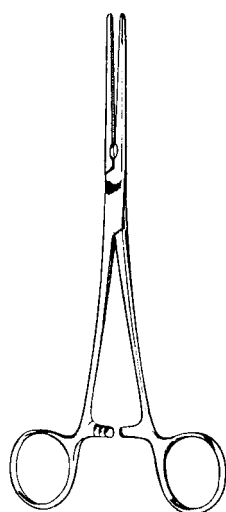


DE BAKEY-RANKIN  
61062-16 - 61063-16



# Atrauma

Arterienklemmen  
Haemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



DE BAKEY-PEAN  
61138-14 - 61138-20



32 mm  
61138-14  
14 cm  
5 1/2"



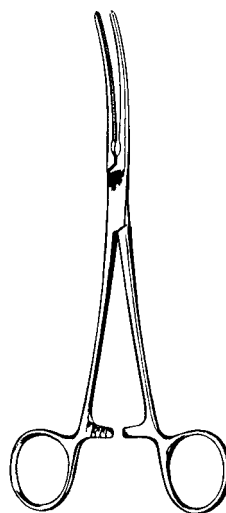
42 mm  
61138-16  
16 cm  
6 1/4"



50 mm  
61138-18  
18 cm  
7"



53 mm  
61138-20  
20 cm  
8"



DE BAKEY-PEAN  
61139-14 - 61139-20



38 mm  
61139-14  
14 cm  
5 1/2"



45 mm  
61139-16  
16 cm  
6 1/4"

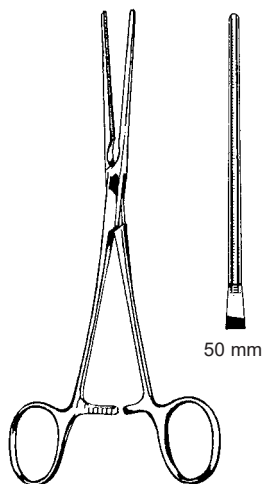


50 mm  
61139-18  
18 cm  
7"

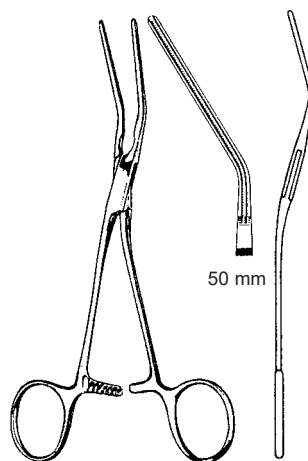


53 mm  
61139-20  
20 cm  
8"

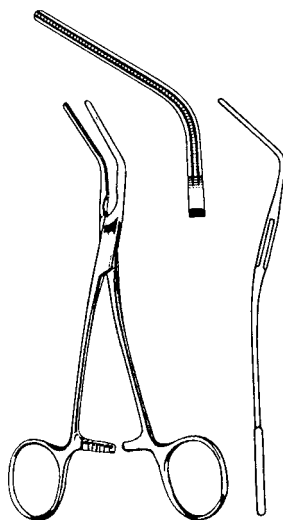
Mehrzweck-Gefäßklemmen  
Multi purpose Vascular Clamps  
Pinzas vasculares de usos múltiples  
Pinze vascolari universali



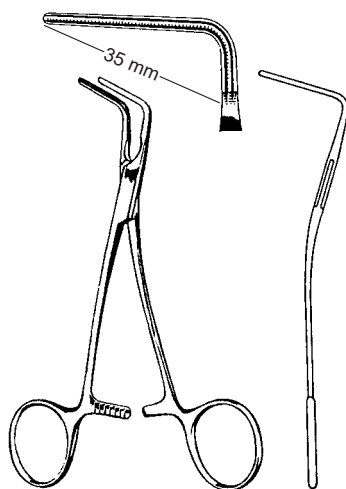
DE BAKAY  
61140-17  
17 cm, 6  $\frac{3}{4}$ "



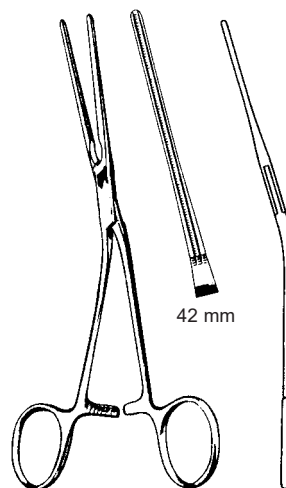
DE BAKAY  
61141-16  
16 cm, 6  $\frac{1}{4}$ "



DE BAKAY  
61143-15  
15 cm, 6"



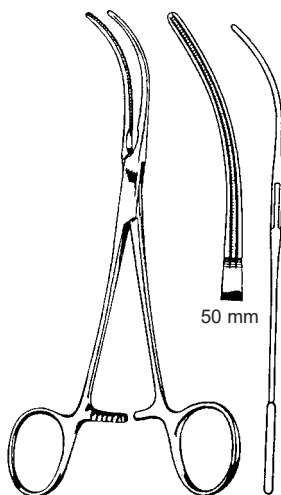
DE BAKAY  
61145-15  
15 cm, 6"



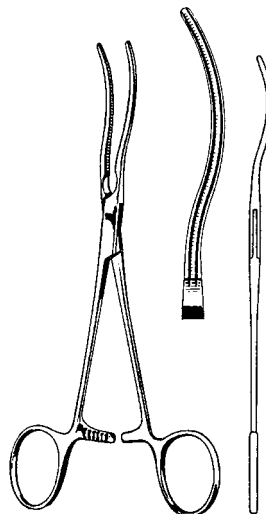
DE BAKAY  
61147-17  
17 cm, 6  $\frac{3}{4}$ "

## Atrauma

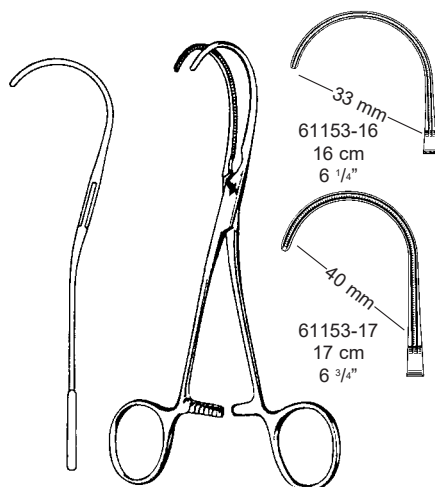
Mehrzweck-Gefäßklemmen, Anastomosenklemmen  
 Multi purpose Vascular Clamps, Anastomosis Clamps  
 Pinzas vasculares de usos múltiples, Pinzas para anastomosis  
 Pinze vascolari universali, Pinze per anastomosi



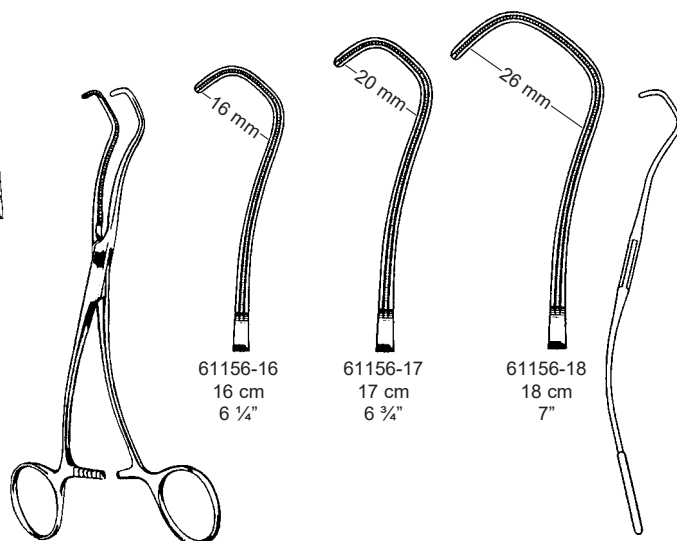
GLOVER  
 61149-17  
 17 cm, 6  $\frac{3}{4}$ "



GLOVER  
 61151-17  
 17 cm, 6  $\frac{3}{4}$ "

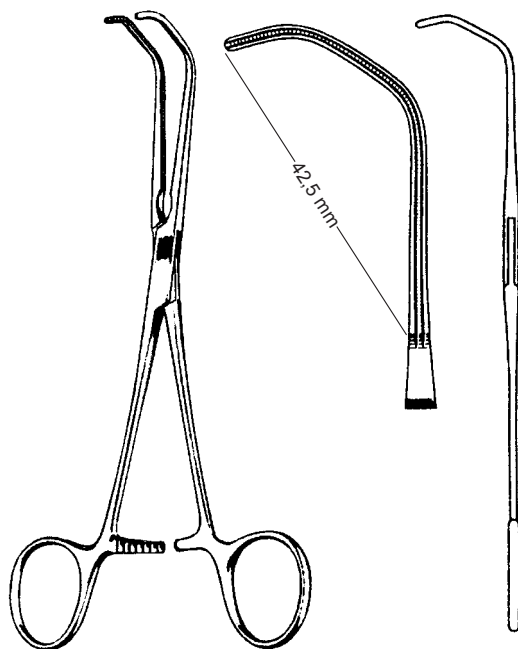


DE BAKEY  
 61153-16 - 61153-17

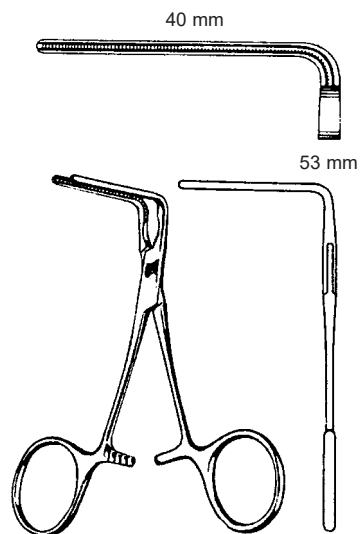


DERRA  
 61156-16 - 61156-18

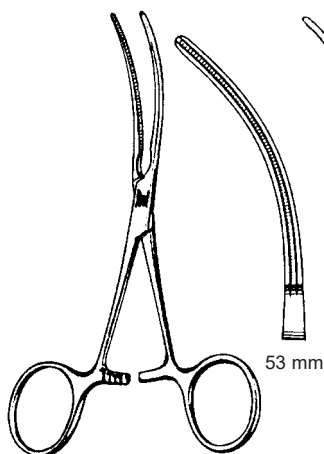
Anastomosenklemmen, Kinder-Gefäßklemmen  
 Anastomosis Clamps, Pediatric Vascular Clamps  
 Pinzas para anastomosis, Pinzas vasculares pediátricas  
 Pinze per anastomosi, Pinze vascolari pediatriche



DE BAKEY-BECK  
 61157-17 17 cm, 6  $\frac{3}{4}$ "



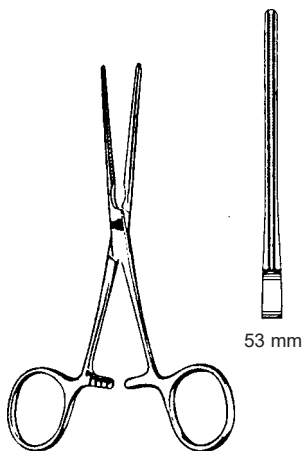
DE BAKEY  
 61158-10 10 cm, 4"



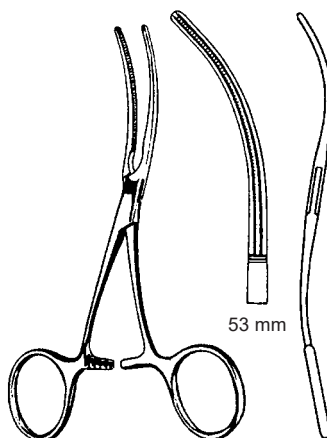
DE BAKEY  
 61158-11 11 cm, 4  $\frac{3}{8}$ "

## Atrauma

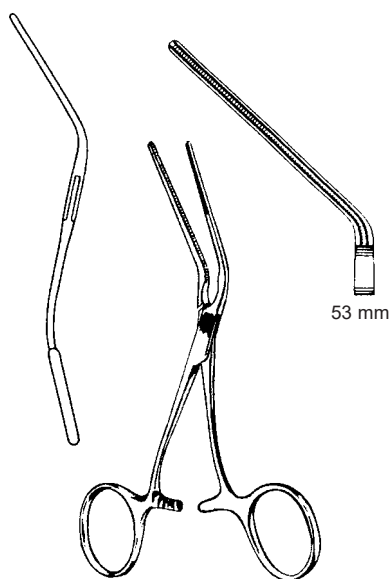
Kinder-Gefäßklemmen, Profundaklemmen  
 Pediatric Vascular Clamps, Profunda Clamps  
 Pinzas vasculares pediátricas, Pinzas para la profunda  
 Pinze vascolari pediatriche, Pinze profunda



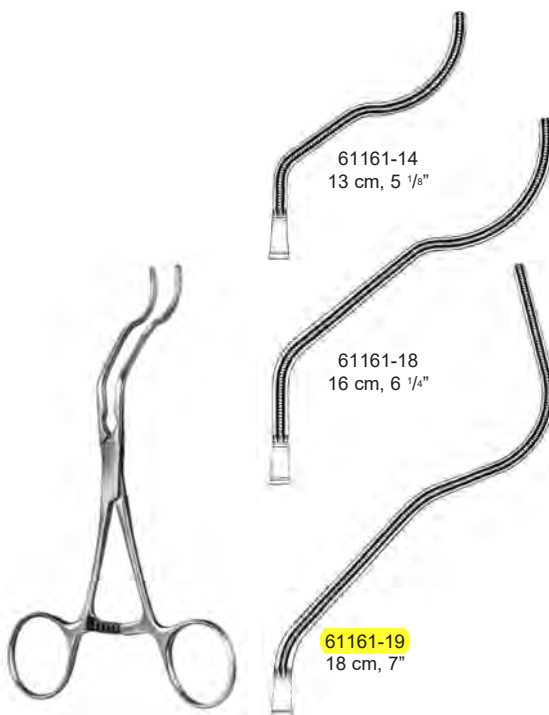
DE BAKEY  
 61158-12 12 cm, 4  $\frac{3}{4}$ "



DE BAKEY  
 61159-12 11,5 cm, 4  $\frac{1}{2}$ "



DE BAKEY  
 61159-13 13 cm, 5  $\frac{1}{8}$ "



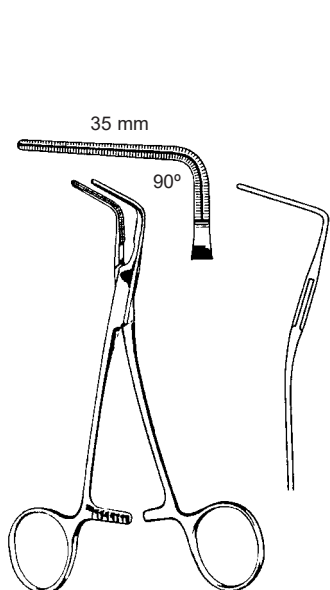
GREGORY

61161-14  
 13 cm, 5  $\frac{1}{8}$ "

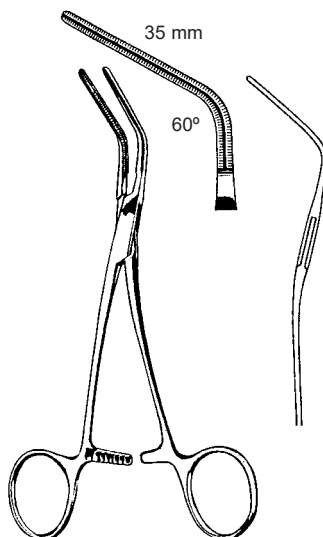
61161-18  
 16 cm, 6  $\frac{1}{4}$ "

61161-19  
 18 cm, 7"

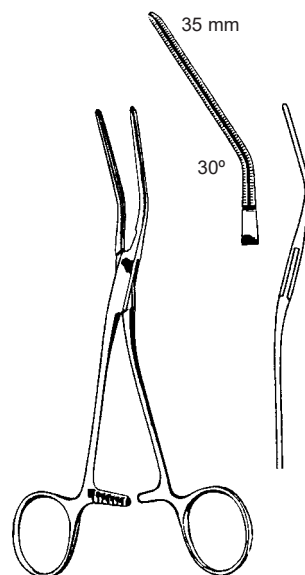
Mehrzweck-Gefäßklemmen  
Multi purpose Vascular Clamps  
Pinzas vasculares de usos múltiples  
Pinze vascolari universali



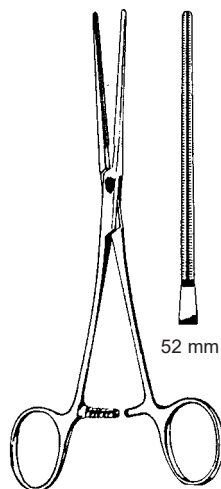
COOLEY  
61172-15  
15 cm, 6"



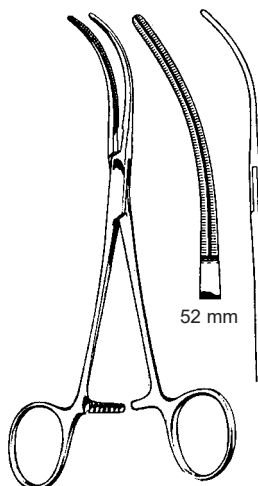
COOLEY  
61173-16  
15,5 cm, 6"



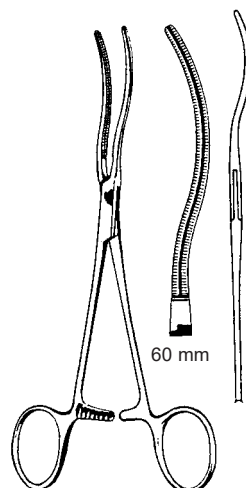
COOLEY  
61174-17  
17 cm, 6 3/4"



COOLEY  
61175-17  
17 cm, 6 3/4"



COOLEY  
61176-17  
17 cm, 6 3/4"



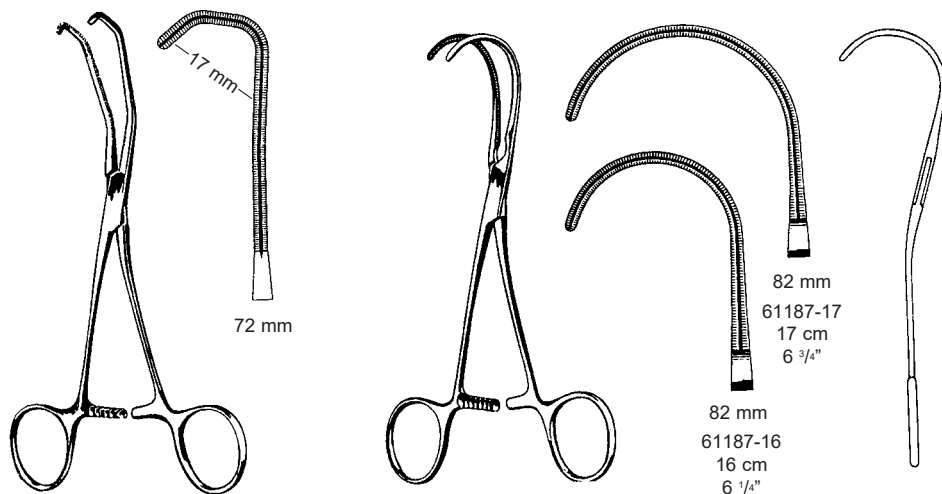
COOLEY  
61177-17  
17 cm, 6 3/4"

# Atrauma

Mehrzweck-Gefäßklemmen  
Multi purpose Vascular Clamps  
Pinzas vasculares de usos múltiples  
Pinze vascolari universali



COOLEY-DERRA  
61178-16 - 61179-18

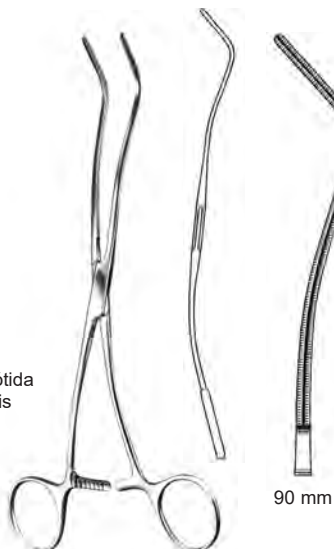


COOLEY  
61180-17  
17 cm, 6 3/4"

COOLEY  
61187-16 - 61187-17

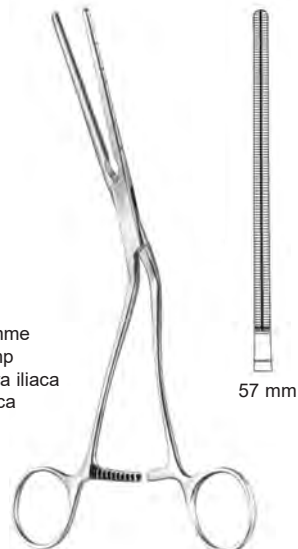
Anastomosenklemmen, Mehrzweck-Gefäßklemme  
 Anastomosis Clamp, Multi purpose Vascular Clamps  
 Pinza clamp para iliac y anastomosis, Pinzas vasculares de usos multiples  
 Pinze anastomosi, Pinze vascolari universali

Carotisklemme  
 Carotid Clamp  
 Pinza para carótida  
 Pinza per carotis



COOLEY  
 61188-20 20 cm, 8"

Iliacaklemme  
 Iliac Clamp  
 Pinza para iliaca  
 Pinza iliaca



COOLEY  
 61189-21 21 cm, 8 1/4"



BECK  
 61190-17 17 cm, 6 3/4"



COOLEY  
 61191-16 16 cm, 6 1/4"

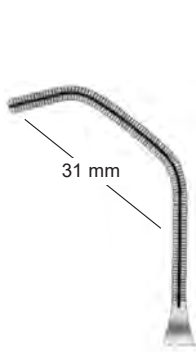


COOLEY  
 61192-17 17 cm, 6 3/4"

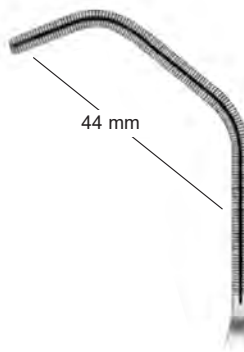


# Atrauma

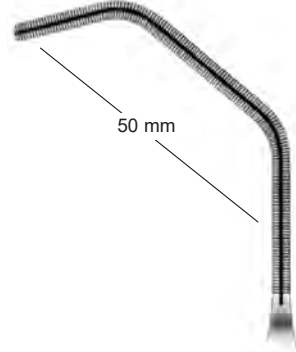
Anastomosenklemmen  
Anastomosis Clamp  
Pinza clamp para iliac y anastomosis  
Pinze anastomosi



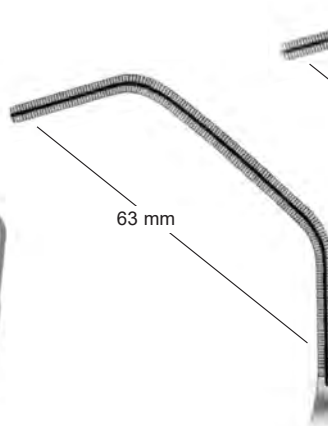
61193-01  
20,5 cm, 8"



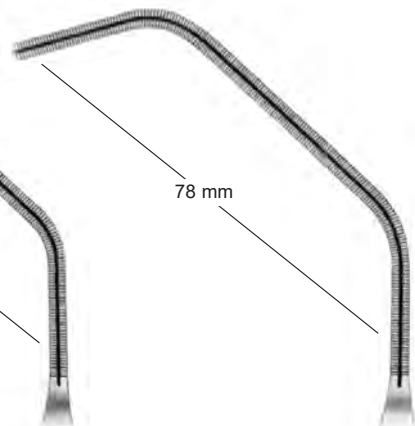
61193-02  
26 cm, 10 1/4"



61193-03  
26,5 cm, 10 1/2"



61193-04  
26,5 cm, 10 1/2"



61193-05  
27,5 cm, 10 3/4"



COOLEY

Mehrzweck-Gefäßklemme  
Multi purpose Vascular Clamps  
Pinzas vasculares de usos multiples  
Pinze vascolari universali



COOLEY  
61194-26 26 cm, 10  $\frac{3}{4}$ "



COOLEY  
61195-28 28,5 cm, 11  $\frac{1}{4}$ "

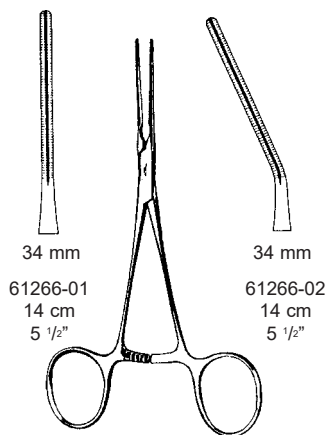
**Atrauma**

Anastomosenklemmen  
Anastomosis Clamp  
Pinza clamp para iliac y anastomosis  
Pinze anastomosi

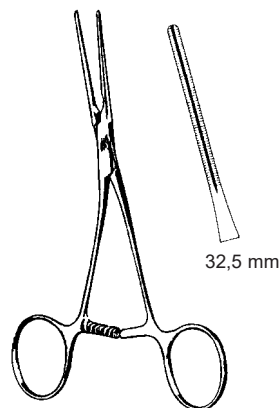


COOLEY  
61196-26 26 cm, 10 1/4"

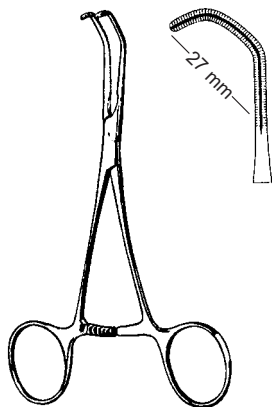
Kinder-Gefäßklemmen  
 Pediatric Vascular Clamps  
 Pinzas vasculares pediátricas  
 Pinze vascolari pediatriche



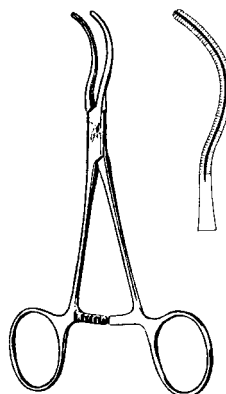
COOLEY  
 61266-01 - 61266-02  
 14 cm, 5 1/2"



COOLEY  
 61266-03 14 cm, 5 1/2"



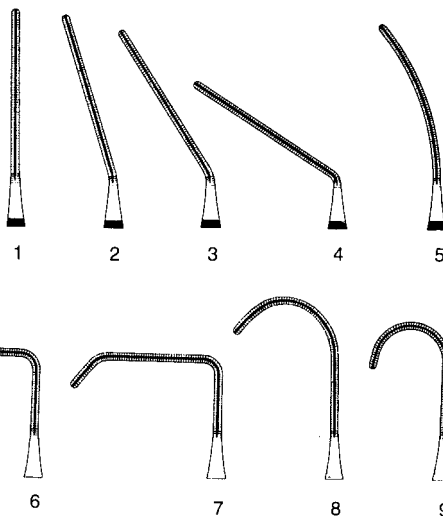
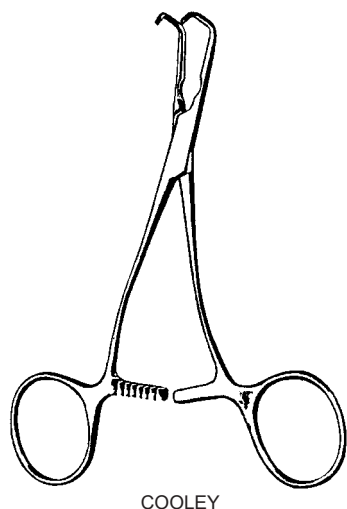
COOLEY  
 61266-04 14 cm, 5 1/2"



COOLEY  
 61266-05 14 cm, 5 1/2"

# Atrauma

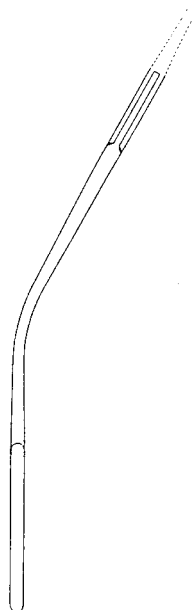
## Kinder-Gefäßklemmen Pediatric Vascular Clamps Pinzas vasculares pediátricas Pinze vascolari pediatriche



| Fig. | gerade<br>straight<br>rectas<br>rette |
|------|---------------------------------------|
| 1    | 61372-01<br>14 cm, 5 1/2"             |
| 2    | 61372-02<br>14 cm, 5 1/2"             |
| 3    | 61372-03<br>14 cm, 5 1/2"             |
| 4    | 61372-04<br>13 cm, 5 1/8"             |
| 5    | 61372-05<br>14 cm, 5 1/2"             |
| 6    | 61372-06<br>13 cm, 5 1/8"             |
| 7    | 61372-07<br>13 cm, 5 1/8"             |
| 8    | 61372-08<br>14 cm, 5 1/2"             |
| 9    | 61372-09<br>13,5 cm, 5 1/4"           |



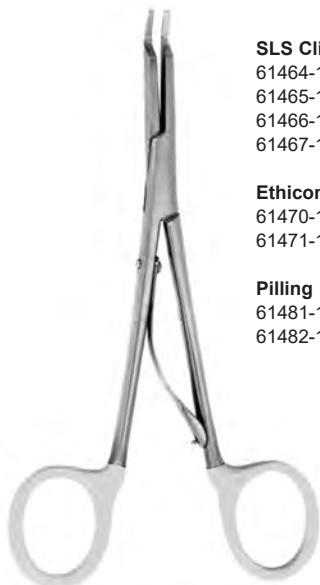
| Fig. | stark abgewinkelt<br>strongly angled<br>ramas anguladas<br>forte angolata |
|------|---------------------------------------------------------------------------|
| 1    | 61373-01<br>14 cm, 5 1/2"                                                 |
| 2    | 61373-02<br>14 cm, 5 1/2"                                                 |
| 3    | 61373-03<br>14 cm, 5 1/2"                                                 |
| 4    | 61373-04<br>13 cm, 5 1/8"                                                 |
| 5    | 61373-05<br>14 cm, 5 1/2"                                                 |
| 6    | 61373-06<br>13 cm, 5 1/8"                                                 |
| 7    | 61373-07<br>13 cm, 5 1/8"                                                 |
| 8    | 61373-08<br>14 cm, 5 1/2"                                                 |
| 9    | 61373-09<br>13,5 cm, 5 1/4"                                               |



| Fig. | abgewinkelt<br>angled<br>acodadas<br>angolate |
|------|-----------------------------------------------|
| 1    | 61374-01<br>14 cm, 5 1/2"                     |
| 2    | 61374-02<br>14 cm, 5 1/2"                     |
| 3    | 61374-03<br>14 cm, 5 1/2"                     |
| 4    | 61374-04<br>13 cm, 5 1/8"                     |
| 5    | 61374-05<br>14 cm, 5 1/2"                     |
| 6    | 61374-06<br>13 cm, 5 1/8"                     |
| 7    | 61374-07<br>13 cm, 5 1/8"                     |
| 8    | 61374-08<br>14 cm, 5 1/2"                     |
| 9    | 61374-09<br>13,5 cm, 5 1/4"                   |



Clipanlegezangen für die offene Chirurgie 25° aufgebogen  
 Clip Appliers for open Surgery 25° upcurved  
 Pinza applicadora de clips para cirugía abierta con ángulo de 25°  
 Pinza applicatore clips per chirurgia aperto, curvo in alto 25°



15 cm, 6"

**SLS Clips**

61464-15 Micro weiss / white / blanc / blanco / bianco  
 61465-15 Small gelb / yellow / jaune / amarillo / giallo  
 61466-15 Small medium lila / lilac / lilas / lila / lilla  
 61467-15 Medium blau / blue / bleu / azul / blu

**Ethicon**

61470-15 Small blau / blue / bleu / azul / blu  
 61471-15 Medium weiss / white / blanc / blanco / bianco

**Pilling**

61481-15 Small gelb / yellow / jaune / amarillo / giallo  
 61482-15 Medium blau / blue / bleu / azul / blu

**Horizon**

61460-19 Small gelb / yellow / jaune / amarillo / giallo  
 61461-19 Medium blau / blue / bleu / azul / blu  
 61462-19 Medium Large grün / green / verde / verde  
 61463-19 Large orange / naranja / arancione

**SLS Clips**

61464-19 Micro weiss / white / blanc / blanco / bianco  
 61465-19 Small gelb / yellow / jaune / amarillo / giallo  
 61466-19 Small medium lila / lilac / lilas / lila / lilla  
 61467-19 Medium blau / blue / bleu / azul / blu  
 61468-19 Medium Large grün / green / verde / verde  
 61469-19 Large orange / naranja / arancione

**Ethicon**

61470-19 Small blau / blue / bleu / azul / blu  
 61471-19 Medium weiss / white / blanc / blanco / bianco  
 61472-19 Medium Large grün / green / verde / verde  
 61473-19 Large gelb / yellow / jaune / amarillo / giallo

**Pilling**

61481-19 Small gelb / yellow / jaune / amarillo / giallo  
 61482-19 Medium blau / blue / bleu / azul / blu  
 61484-19 Medium Large grün / green / verde / verde  
 61483-19 Large orange / naranja / arancione



19 cm, 7 1/2"

Clipanlegezangen für die offene Chirurgie 25° aufgebogen  
 Clip Appliers for open Surgery 25° upcurved  
 Pinza aplicadora de clips para cirugía abierta con ángulo de 25°  
 Pinza applicatore clips per chirurgia aperto, curvo in alto 25°

#### Horizon

61461-28 Medium blau / blue / bleu / azul / blu  
 61462-28 Medium Large grün / green / verde / verde  
 61463-28 Large orange / naranja / arancione

#### SLS Clips

61464-28 Micro weiss / white / blanco / bianco  
 61465-28 Small gelb / yellow / jaune / amarillo / giallo  
 61466-28 Small medium lila / lilac / lilas / lila / lilla  
 61467-28 Medium blau / blue / bleu / azul / blu  
 61468-28 Medium Large grün / green / verde / verde  
 61469-28 Large orange / naranja / arancione

#### Ethicon

61471-28 Medium weiss / white / blanco / bianco  
 61472-28 Medium Large grün / green / verde / verde  
 61473-28 Large gelb / yellow / jaune / amarillo / giallo

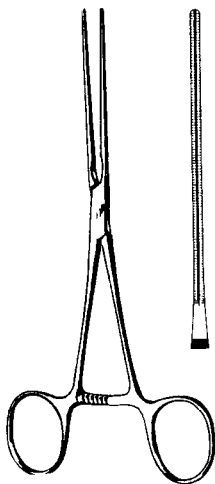
#### Pilling

61482-28 Medium blau / blue / bleu / azul / blu  
 61484-28 Medium Large grün / green / verde / verde  
 61483-28 Large orange / naranja / arancione

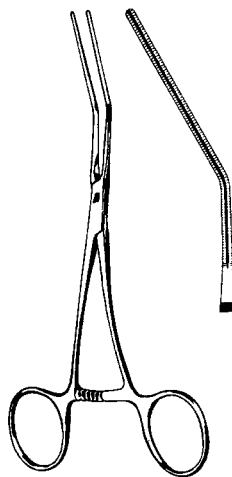


28 cm, 11"

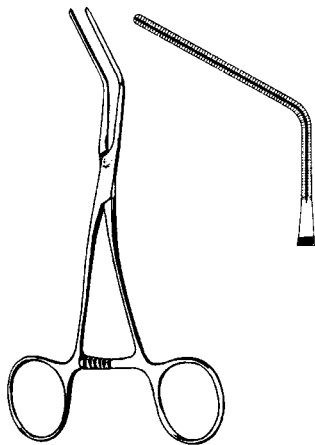
Kinder-Gefäßklemmen  
 Pediatric Vascular Clamps  
 Pinzas vasculares pediátricas  
 Pinze vascolari pediatriche



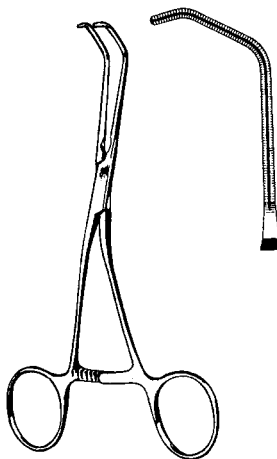
61488-16  
 16,5 cm, 6 1/2"



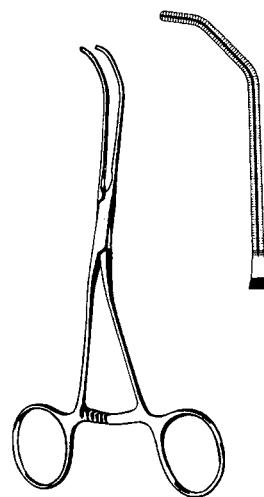
61489-16  
 16 cm, 6 1/4"



61490-15  
 15 cm, 6"



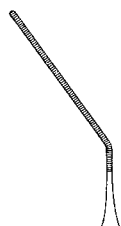
61491-15  
 15 cm, 6"



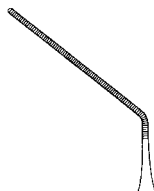
61492-16  
 15,5 cm, 6"



Kinder-Gefäßklemmen  
Pediatric Vascular Clamps  
Pinzas vasculares pediátricas  
Pinze vascolari pediatriche



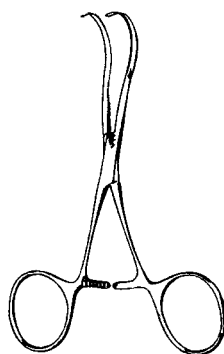
61493-01  
13 cm  
5 1/8"



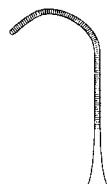
61493-02  
13 cm  
5 1/8"



61493-03  
11 cm  
4 3/8"



CASTANEDA  
61493-01 - 61495-04



61495-01  
12 cm  
4 3/4"



61495-02  
12 cm  
4 3/4"



61495-03  
12 cm  
4 3/4"



61495-04  
12 cm  
4 3/4"

Tourniquets  
Tourniquets  
Tourniquets  
Tornichetti

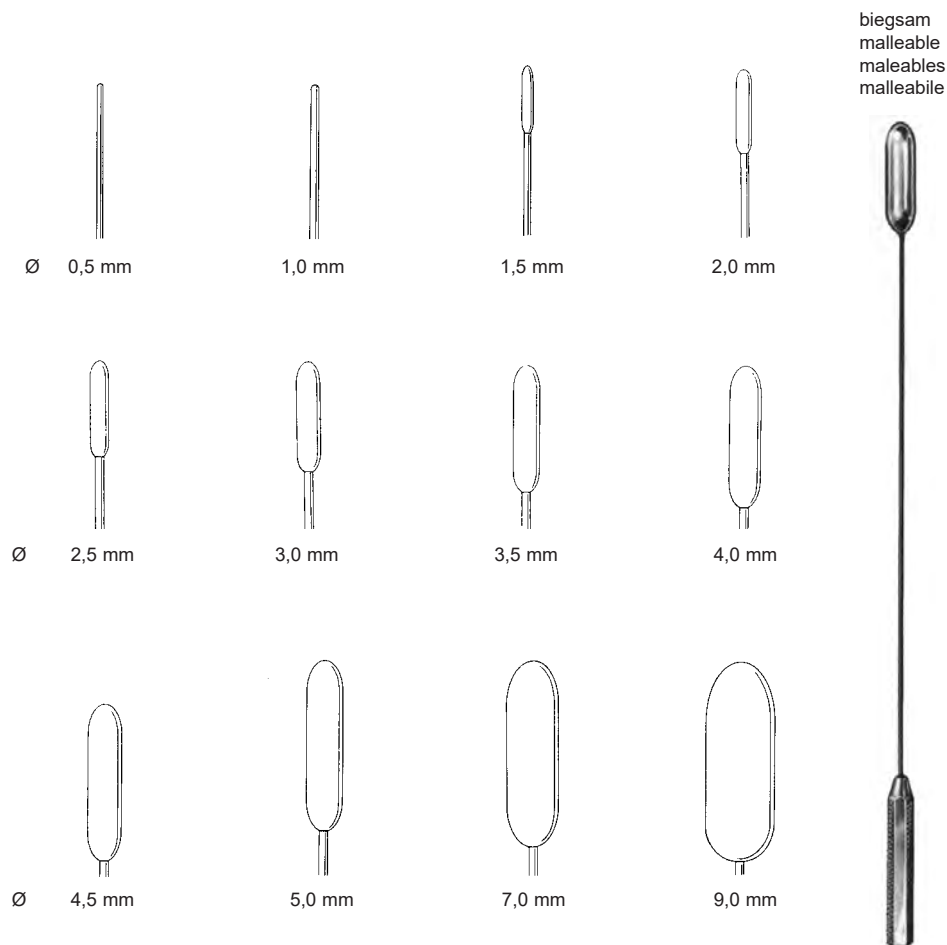


61700-01  
61710-01  
Mandrin alleine  
Guide only  
Guida sola



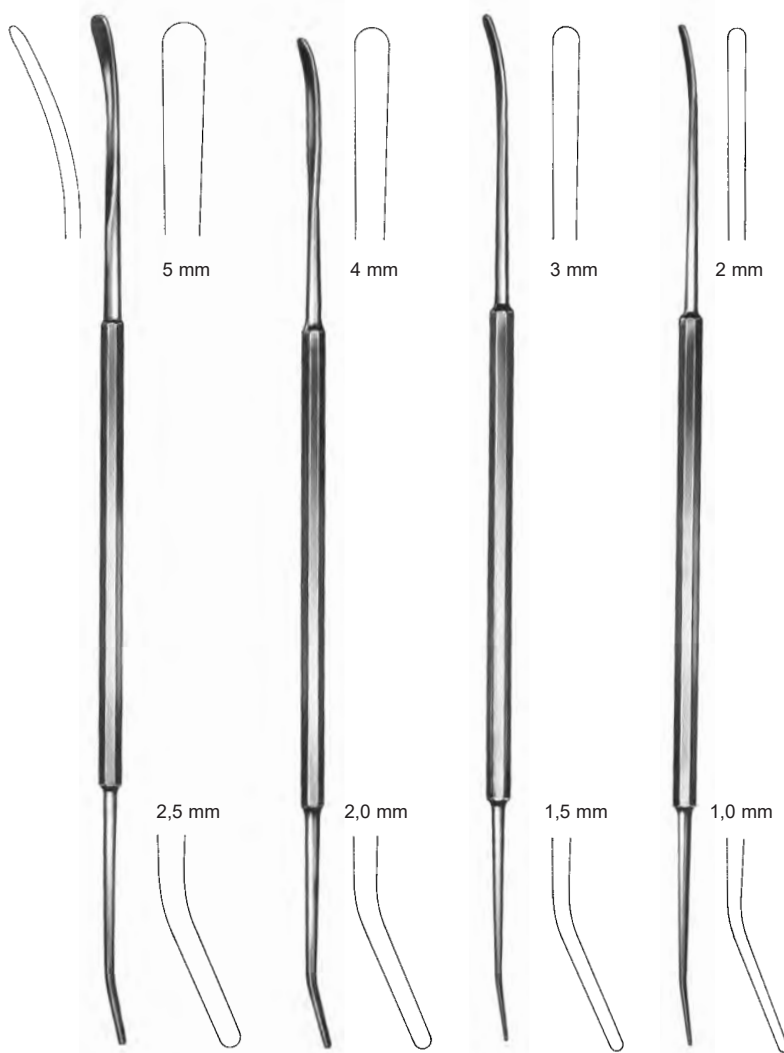
RUMEL-BELMONT  
61700-33 3,2 mm Ø  
61710-33 6,4 mm Ø  
33 cm, 13"  
flexibel, flexible,  
flexible, flessibile

Gefäß-Dilatatoren  
Vascular Dilators  
Dilatadores vasculares  
Dilatatori vascolari



| DE BAKEY / GARRETT |            |      |             |
|--------------------|------------|------|-------------|
| 15 cm, 6"          | 19 cm, 7½" | Ø mm | 35 cm, 13¾" |
| 61805-05           | 61810-05   | 0,5  | 61820-05    |
| 61805-10           | 61810-10   | 1,0  | 61820-10    |
| 61805-15           | 61810-15   | 1,5  | 61820-15    |
| 61805-20           | 61810-20   | 2,0  | 61820-20    |
| 61805-25           | 61810-25   | 2,5  | 61820-25    |
| 61805-30           | 61810-30   | 3,0  | 61820-30    |
| 61805-35           | 61810-35   | 3,5  | 61820-35    |
| 61805-40           | 61810-40   | 4,0  | 61820-40    |
| 61805-45           | 61810-45   | 4,5  | 61820-45    |
| 61805-50           | 61810-50   | 5,0  | 61820-50    |
| 61805-70           | 61810-70   | 7,0  | 61820-70    |
| 61805-90           | 61810-90   | 9,0  | 61820-90    |

Gefäßdissektoren  
Vascular Dissectors  
Disecadores vasculares  
Dissettori vascolari



ROBB  
24 cm, 9 1/2"

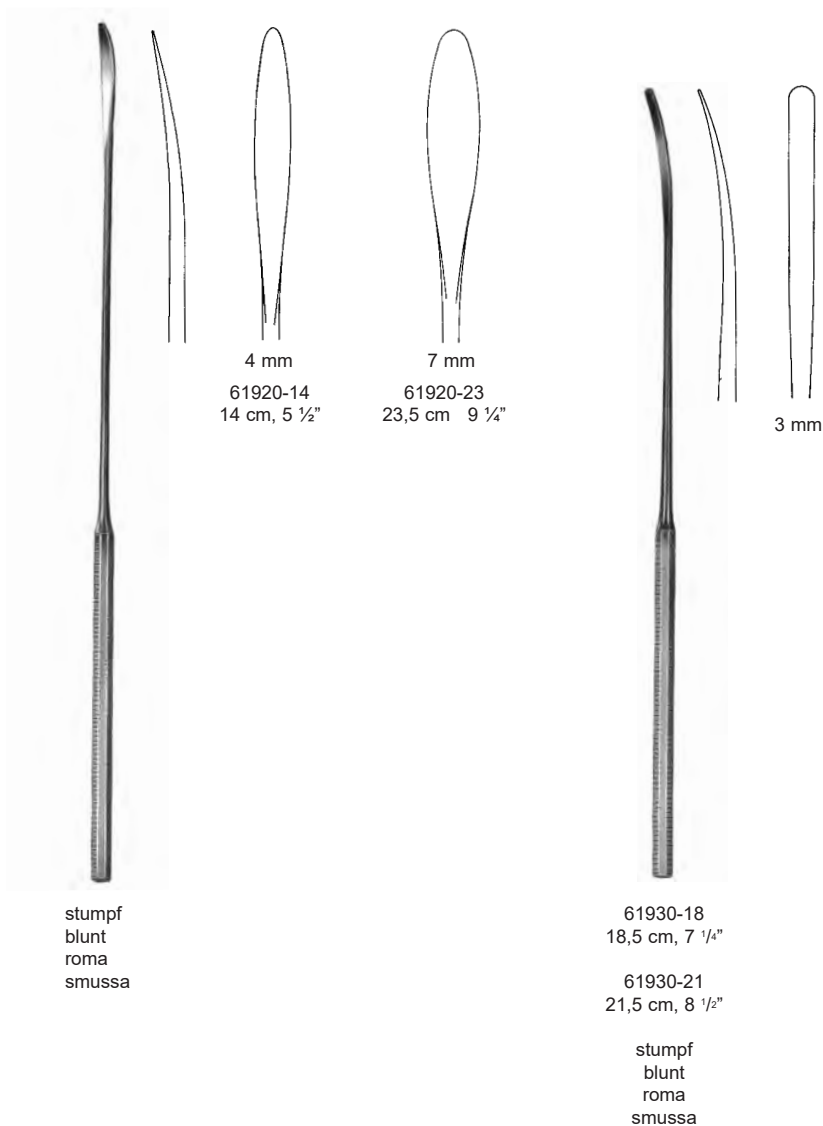
Fig. 1  
61910-01

Fig. 2  
61910-02

Fig. 3  
61910-03

Fig. 4  
61910-04

Intimaspatel  
Intima Spatulas  
Espátulas para la intima  
Spatole per intima



Gallensteinzangen  
Gall Stone Forceps  
Pinzas para cálculos biliares  
Pinze per calcoli biliari



DESJARDINS  
23 cm, 9"

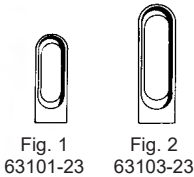


Fig. 1  
63101-23  
Fig. 2  
63103-23



BLAKE  
63106-20 20 cm, 8"



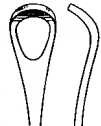
63107-20  
20 cm  
8"



MAYO-BLAKE  
63110-20 20 cm, 8"



MAYO-BLAKE  
63111-20 20 cm, 8"



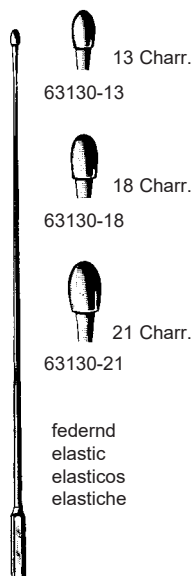
MIXTER  
63117-22 22 cm, 8 3/4"



Gallensteinsonden, Gallengangdilatoren  
 Gall Stone Probes, Bile duct dilators  
 Exploradores para cálculos biliares, Dilatadores para conductos biliares  
 Sonde per calcoli biliari, Dilatatori per condotti biliari

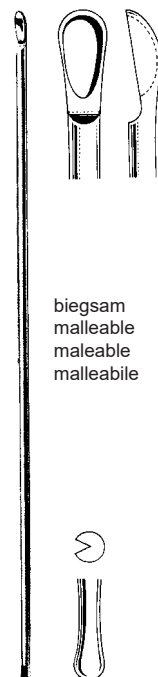


OCHSNER  
 63128-35  
 40 cm, 15 3/4"



DESJARDINS  
 63130-13 - 63130-21  
 28 cm, 11"

federnd  
 elastic  
 elasticos  
 elastiche



MOYNIHAN  
 63142-34 34 cm, 13 1/2"

biegsam  
 malleable  
 maleable  
 malleabile

Gallensteinsonden, Gallengangdilatoren

Gall Stone Probes, Bile duct dilators

Exploradores para cálculos biliares, Dilatadores para conductos biliares

Sonde per calcoli biliari, Dilatori per condotti biliari

biegsam  
malleable  
maleable  
malleabile



Ø mm 1  
63150-01

2  
-02

3  
-03

4  
-04

5  
-05

6  
-06

7  
-07

Ø mm 8  
63150-08

9  
-09

10  
-10

11  
-11

12  
-12

13  
-13

63150-00 = Satz à 9 St. / set of 9 size 3 to 11  
juego de 9 fig. 3-11 / serie di 9 pezzi

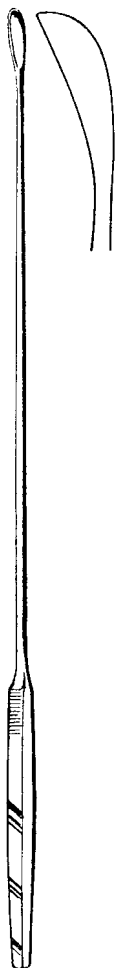
BAKES

63150-01 - 63150-13  
30 cm, 11 3/4"

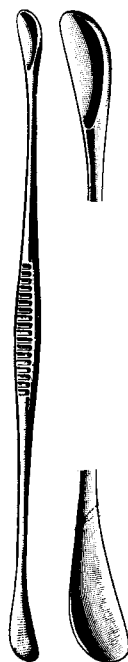


Gallensteinlöffel  
Gall Stone Scoops  
Cucharillas para cálculos biliares  
Cucchiai per calcoli biliari

biegsam  
malleable  
maleables  
malleabile



LUER-KOERTE  
63173-01 - 63173-08  
32 cm, 12 3/4"



FERGUSSON  
63170-21 - 63170-23

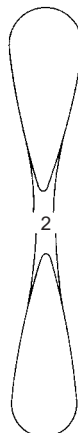
8,5 mm



10,5 mm

63170-21  
24 cm  
9 1/2"

11,5 mm



12,5 mm

63170-22  
24 cm  
9 1/2"

12,5 mm



13,0 mm

63170-23  
24 cm  
9 1/2"



2,5 mm

Fig. 000  
63173-01



3,2 mm

Fig. 00  
63173-02



3,6 mm

Fig. 0  
63173-03



5,5 mm

Fig. 1  
63173-04



6,7 mm

Fig. 2  
63173-05



8,0 mm

Fig. 3  
63173-06



11 mm

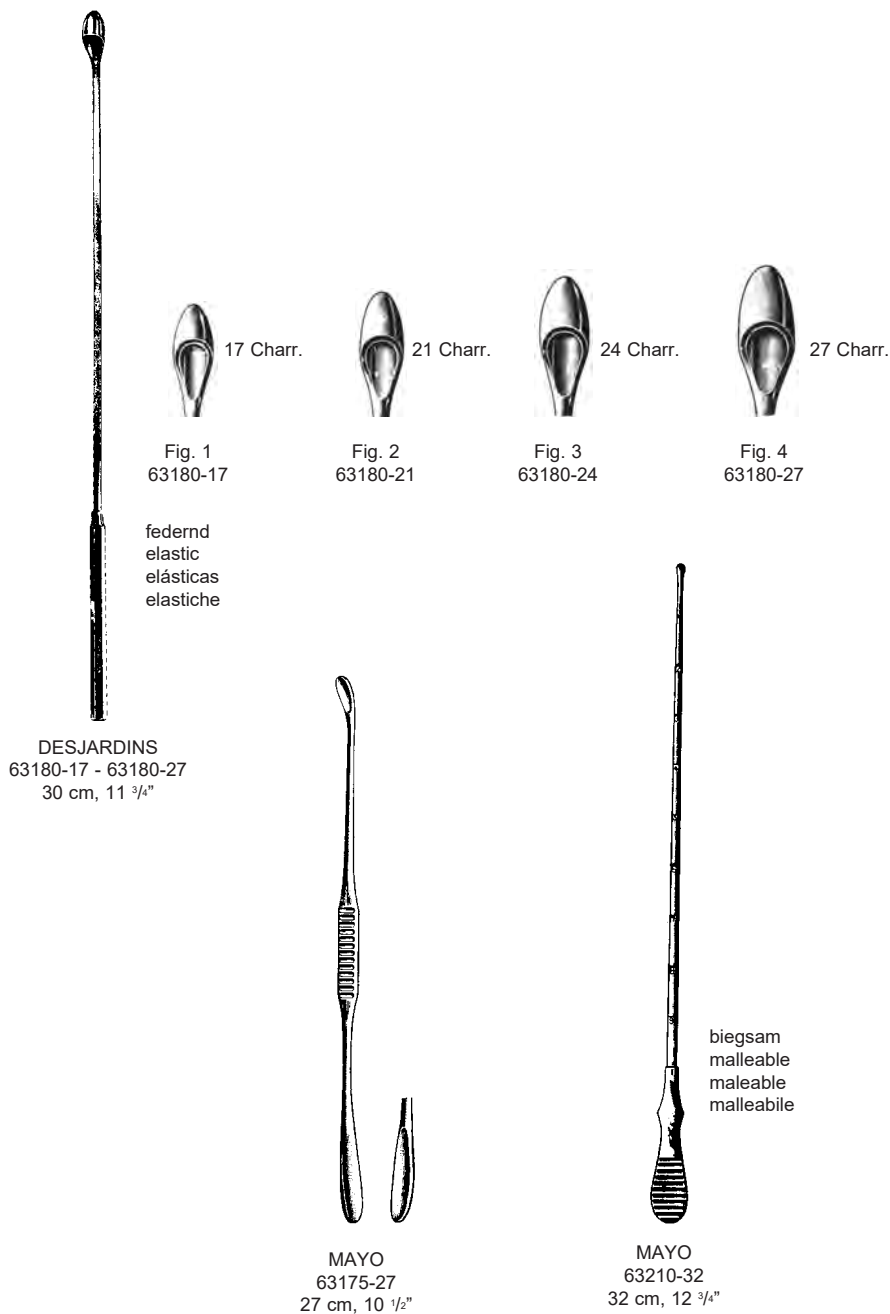
Fig. 4  
63173-07



15 mm

Fig. 5  
63173-08

Gallensteinlöffel, Gallengangsonde  
 Gall Stone Scoops, Gall Duct Probes  
 Cucharillas para cálculos biliares, sonda para conducto biliar  
 Cucchiari per calcoli biliari, sonda per bile



Nierensteinzange  
Kidney Stone Forceps  
Pinzas para cálculos renales,  
Pinze per calcoli renali

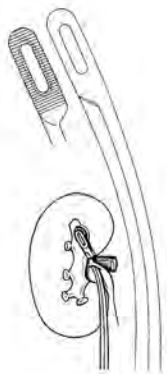


Fig. 1  
63231-01 23 cm, 9"

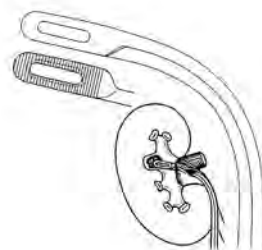


Fig. 2  
63231-02 22 cm, 8<sup>3</sup>/<sub>4</sub>"

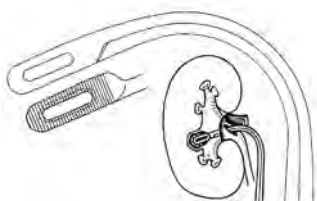


Fig. 3  
63231-03 22 cm, 8<sup>3</sup>/<sub>4</sub>"

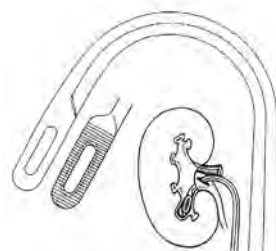


Fig. 4  
63231-04 22 cm, 8<sup>3</sup>/<sub>4</sub>"



Fig. 5  
63231-05 19 cm, 7<sup>1</sup>/<sub>2</sub>"

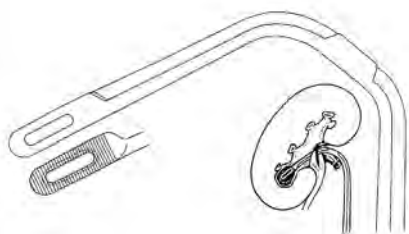


Fig. 6  
63231-06 19 cm, 7<sup>1</sup>/<sub>2</sub>"

RANDALL

Nierensteinzange  
Kidney Stone Forceps  
Pinzas para cálculos renales  
Pinze per calcoli renali



HEIMING

für Kinder  
for children  
para niños  
per bambini



63232-01  
17 cm, 6 <sup>3</sup>/<sub>4</sub>"

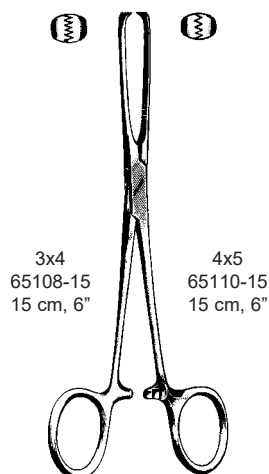


63232-02  
16 cm, 6 <sup>1</sup>/<sub>4</sub>"

Darm- und Gewebefasszangen  
Intestinal and Tissue Grasping Forceps  
Pinzas para intestinos y tejidos  
Pinze per afferrare intestino e tessuti



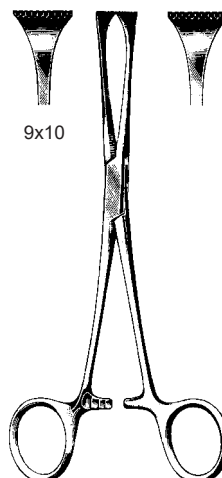
**ALLIS-BABY**  
65102-12 12 cm, 4  $\frac{3}{4}$ "  
65102-14 14 cm, 5  $\frac{1}{2}$ "



**ALLIS**      **5x6**  
65108-15 15 cm, 6"  
65110-15 15 cm, 6"  
65120-15 15 cm, 6"  
65120-19 19 cm, 7  $\frac{1}{2}$ "  
65120-22 22 cm, 8  $\frac{3}{4}$ "  
65120-24 24 cm, 9  $\frac{1}{2}$ "  
65120-30 30 cm, 12"



**ALLIS**  
65124-16 16 cm, 6  $\frac{1}{4}$ "  
65124-20 20 cm, 8"  
65124-22 22 cm, 8  $\frac{3}{4}$ "  
65124-25 25 cm, 10"  
65124-30 30 cm, 11  $\frac{3}{4}$ "

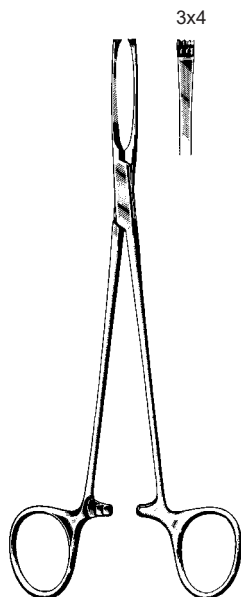


**ALLIS-ADAIR**  
65130-15  
15,5 cm, 6"

Darm- und Gewebefasszangen  
 Intestinal and Tissue Grasping Forceps  
 Pinzas para intestinos y tejidos  
 Pinze per afferrare intestino e tessuti



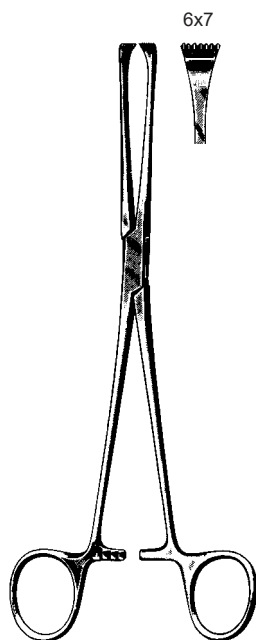
LOCKWOOD-ALLIS  
 65132-16 16 cm, 6 1/4"  
 65132-20 20 cm, 8"



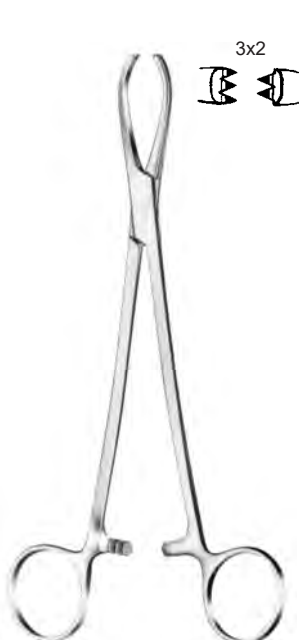
JUDD-ALLIS  
 65140-15 15 cm, 6"  
 65140-19 19 cm, 7 1/2"



BOYS-ALLIS  
 65145-15 15 cm, 6"



THOMS-ALLIS  
 65150-20 20 cm, 8"

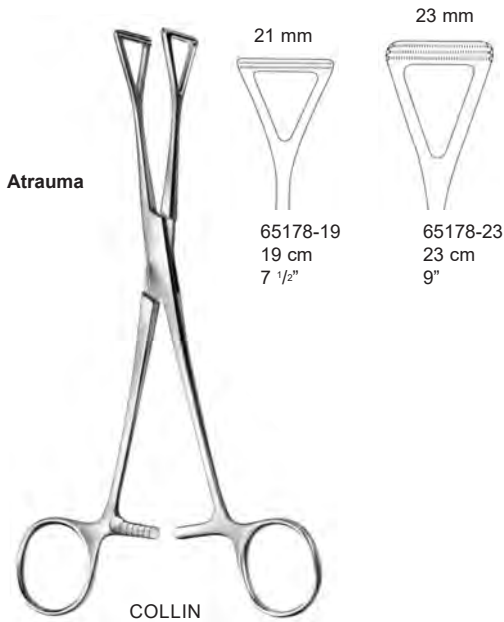
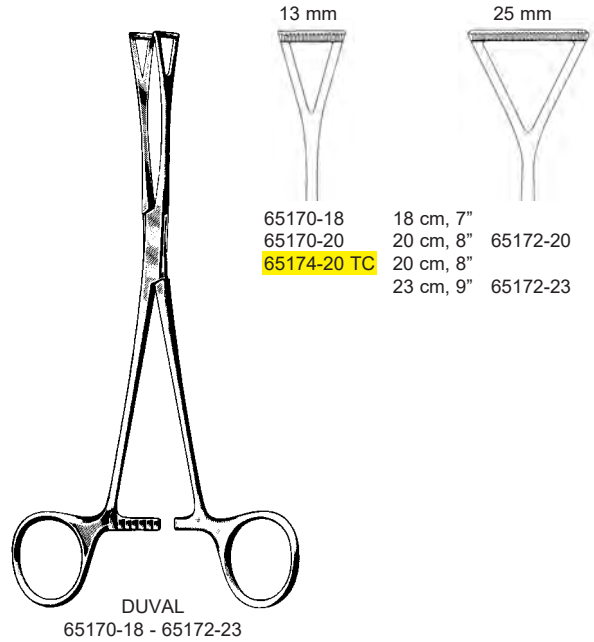
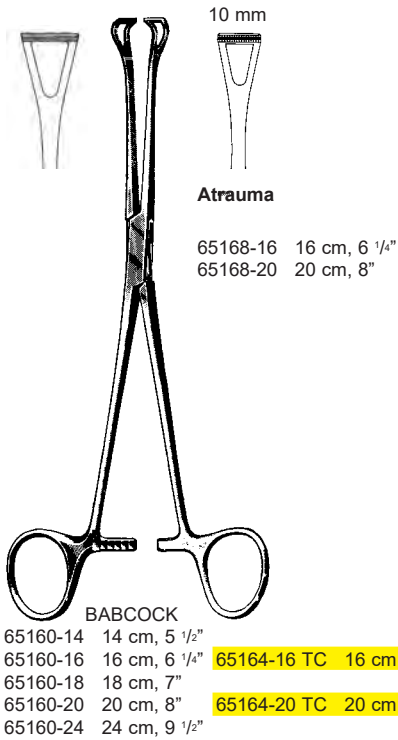


LITTLEWOOD  
 65154-18 18,5 cm, 7 1/4"

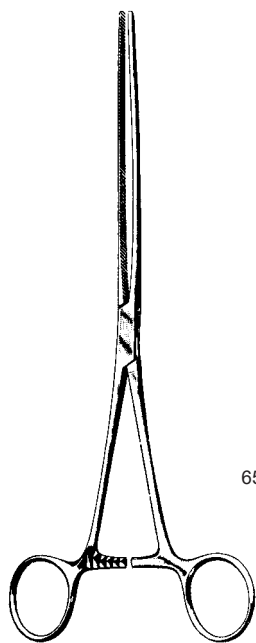


GREGOIRE  
 65155-18 18 cm, 7"  
 65155-20 20 cm, 8"

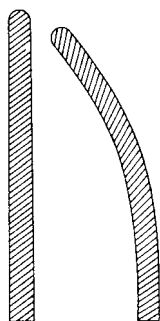
Darm- und Gewebefasszangen  
 Intestinal and Tissue Grasping Forceps  
 Pinzas para intestinos y tejidos  
 Pinze per afferrare intestino e tessuti



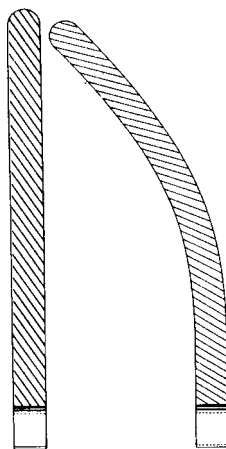
Darmklemmen  
Intestinal Forceps  
Pinzas intestinales  
Pinze intestinali



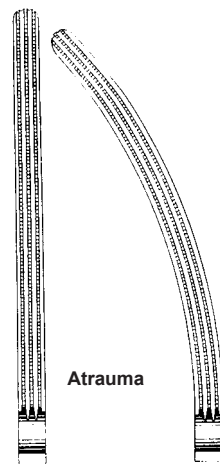
DOYEN  
65210-18 - 65217-23



DOYEN-BABY  
65210-18 18 cm, 7" 65211-18



DOYEN  
65210-21 21 cm, 8 1/4" 65211-21  
65210-23 23 cm, 9" 65211-23

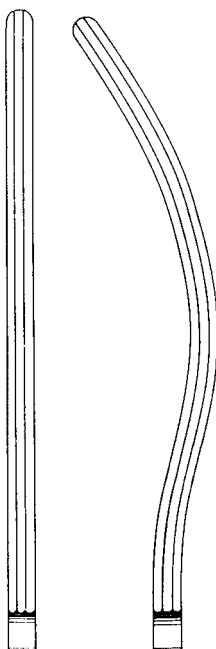


Atrauma

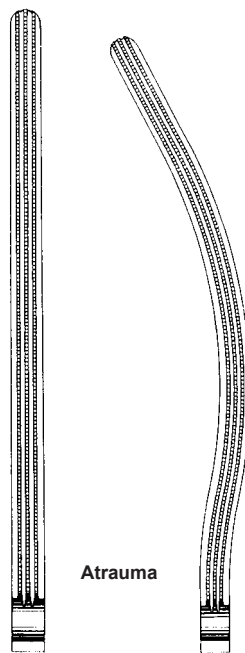
DOYEN  
65216-13 13 cm, 5 1/8" 65217-13  
65216-16 16 cm, 6 1/4" 65217-16  
65216-18 18 cm, 7" 65217-18  
65216-21 21 cm, 8 1/4" 65217-21  
65216-23 23 cm, 9" 65217-23



KOCHER  
65220-22 - 65227-28



BABY-KOCHER  
65220-13 13 cm, 5 1/8" 65221-13  
65220-22 22 cm, 8 3/4" 65221-22  
65220-25 25 cm, 10" 65221-25  
65220-28 28 cm, 11" 65221-28

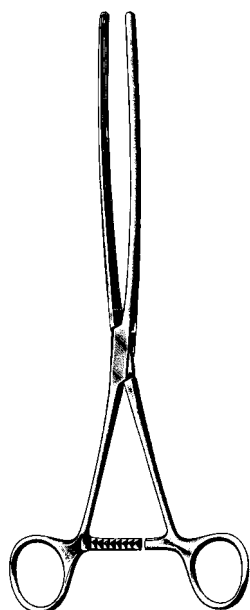


Atrauma

65226-22 22 cm, 8 3/4" 65227-22  
65226-25 25 cm, 10" 65227-25  
65226-28 28 cm, 11" 65227-28

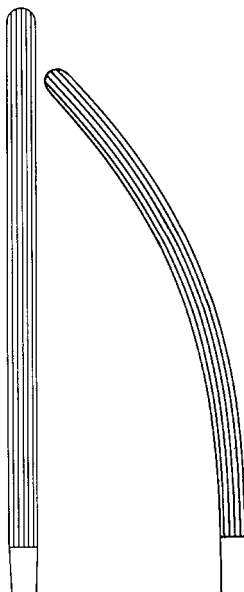


Darmklemmen  
Intestinal Forceps  
Pinzas intestinales  
Pinze intestinali

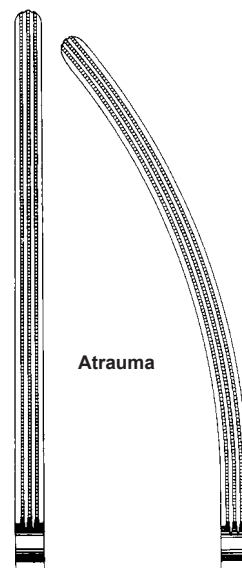


MAYO-ROBSON

65230-21 21 cm, 8 1/4"  
65237-25 25 cm, 10"



65230-21 21 cm, 8 1/4" 65231-21  
65230-23 23 cm, 9" 65231-23  
65230-25 25 cm, 10" 65231-25



Atrauma

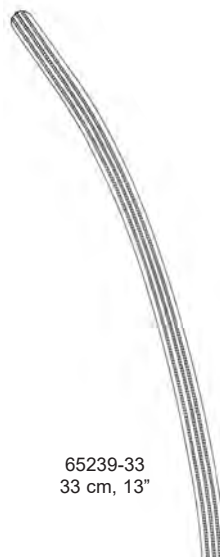
65236-25 25 cm, 10" 65237-25



SCUDDER  
65238-33  
33 cm, 13"



Atrauma



65239-33  
33 cm, 13"

Darmklemmen  
Intestinal Forceps  
Pinzas intestinales  
Pinze intestinali



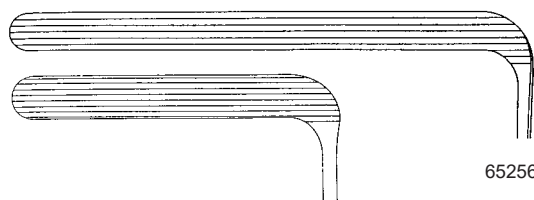
FEHLAND  
65241-23  
23,5 cm 9 1/4"



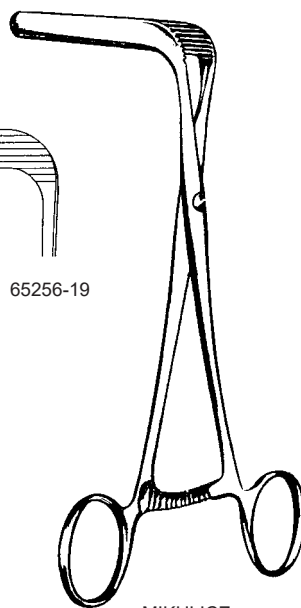
Atrauma

RESANO  
65242-30  
30 cm, 11 3/4"

Magen-Darmklemmen  
Intestinal and Stomach Clamps  
Pinzas-clamps intestinales y estomacales  
Pinze intestinali e stomacali



65255-19



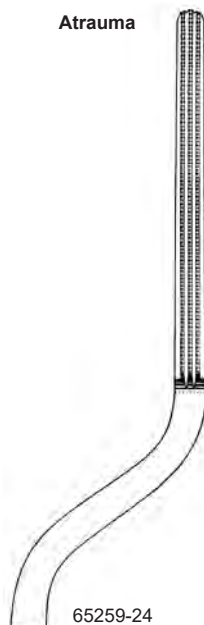
65256-19

MIKULICZ  
19 cm, 7 1/2"



BRUNNER  
24 cm, 9 1/2"

Atrauma



65259-24

Pylorusspreizer, Blinddarmklemmen  
Pylorus spreader, Blindgut forceps  
Separador para píloro, Pinzas para apéndice  
Divaricatori per piloro, Pinza per appendice



BENSON  
65261-15  
15,5 cm, 6"

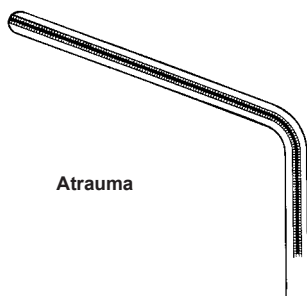


ALLEN  
65263-15 15 cm, 6"  
65263-20 20 cm, 8"

Darm-Anastomosenklemmen  
Intestinal Anastomosis Clamps  
Clamps para anastomosis intestinales  
Pinze per anastomosi intestinali

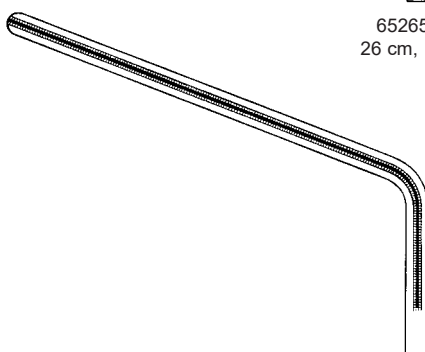


HAYES  
65265-26 26 cm, 10 1/4"  
65265-28 28 cm, 11"

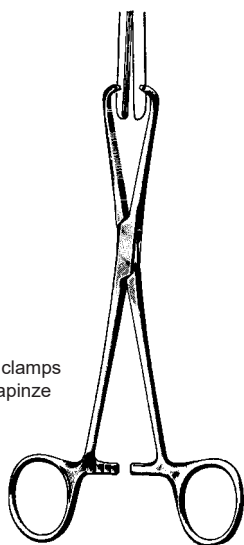


Atrauma

65265-26  
26 cm, 10 1/4"



65265-28  
28 cm, 11"



Schließklemme  
Closing Forceps  
Pinza para cerrar clamps  
Serrapinze e portapinze

STONE-WATT  
65270-15  
15,5 cm, 6"



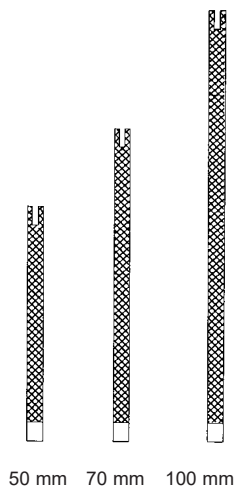
STONE-WATT  
65272-07 7,5 cm, 3"  
65272-10 10,0 cm, 4"

Klemmschloß  
Locking Device  
Cierre para clamps intestinales  
Serratura per pinze intestinali



STONE-WATT  
65274-00

Darm-Anastomosenklemmen  
 Intestinal Anastomosis Clamps  
 Clamps para anastomosis intestinales  
 Pinze per anastomosi intestinali



DE MARTEL-WOLFSON

65280-05 5 cm, 2" set of 3

65280-07 7 cm, 2 3/4" set of 3

65280-10 10 cm, 4" set of 3

Klemmschließzange  
 Closing Forceps  
 Pinza para cerrar grapas  
 Serrapinze



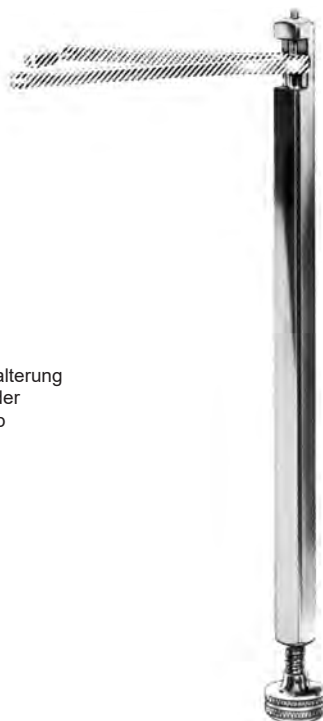
DE MARTEL-WOLFSON  
 65282-26 26 cm, 10 1/4"

Darm-Anastomosenklemmen  
Intestinal Anastomosis Clamps  
Clamps para anastomosis intestinales  
Pinze per anastomosi intestinali

Klemmenhalterung  
Clamp Holder  
Porta-clamp  
Portapinze



DE MARTEL-WOLFSON  
65284-08 8,5 cm, 3 1/2"



DE MARTEL-WOLFSON  
65284-23 23 cm, 9"

Magen- und Darm-Zwillingsklemmen  
Stomach and Intestinal Anastomosis Twin Clamps  
Pinzas gastro-intestinales gemales  
Pinze gastrointestinali gemelle



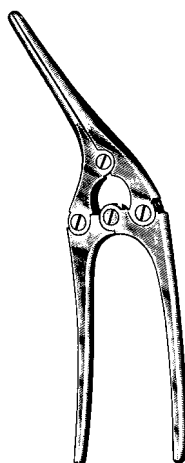
LANE  
65290-30 30 cm, 11  $\frac{3}{4}$ "



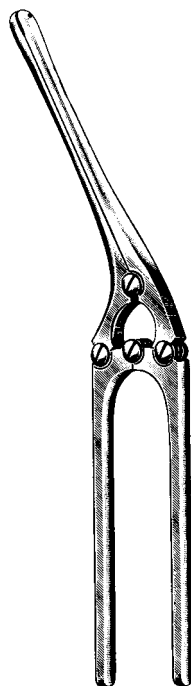
LANE  
65291-30 30 cm, 11  $\frac{3}{4}$ "



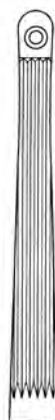
Darm- und Magenquetschklemmen  
 Intestinal and Stomach Clamps  
 Pinzas-clamps intestinales y estomacales  
 Pinze e Schiacciatori per l'intestino e lo stomaco



PAYR-BABY  
 65310-15  
 15 cm, 6"



PAYR



65310-21  
 21 cm, 8 1/4"



65310-29  
 29 cm, 11 1/2"



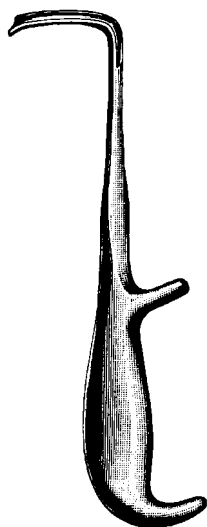
65310-35  
 35 cm, 14"

Prostatahaken, Prostatafaßzange, Kapsel­faßzange

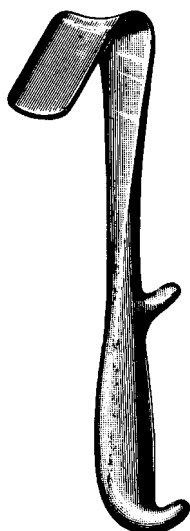
Prostatic retractors, Grasping forceps for the capsule – anterior lobe and ligature carrier

Separador para prostata, pinza de agarre para capsula y prostate

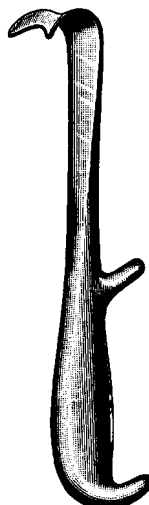
Divaricatori per prostata, pinza per afferrare la capsula e prostata



YOUNG  
67101-21  
21 cm, 8 1/4"



YOUNG  
67103-22  
22 cm, 8 3/4"



YOUNG  
67105-21  
21 cm, 8 1/4"

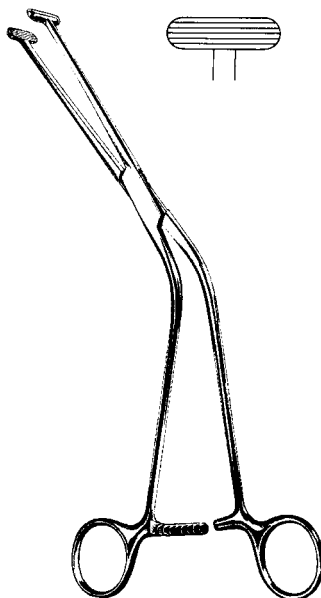


YOUNG  
67105-22  
22 cm, 8 3/4"



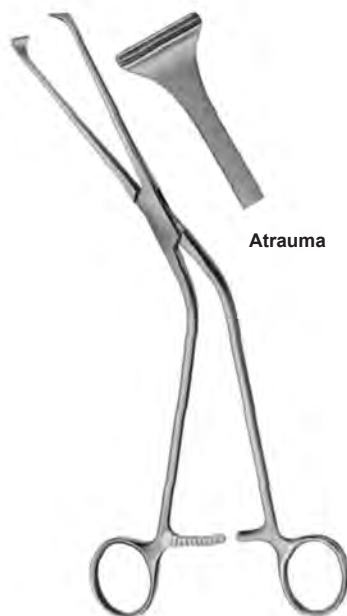
Atrauma

MILLIN  
67110-23  
23,5 cm, 9 1/4"



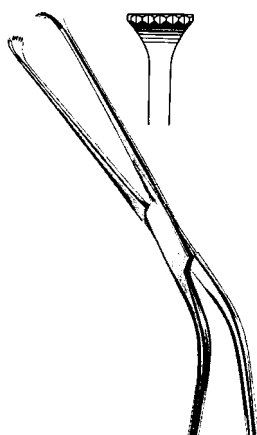
MILLIN  
67111-23  
23 cm, 9"

Kapselfasszange, Fadenführungszange  
 Capsule Forceps, Ligature Carrying Forceps  
 Pinzas capsulares, Pinza porta ligaduras  
 Pinze per afferrare capsule, Pinza porta-filo

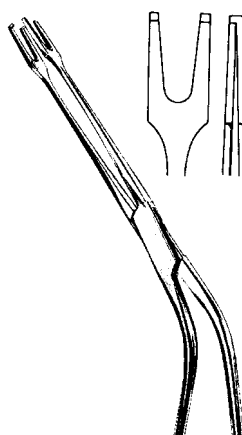


Atrauma

MILLIN  
 67122-23  
 24,5 cm, 9 3/4"



MILLIN  
 67123-23  
 23 cm, 9"



MILLIN  
 67125-24  
 24 cm, 9 1/2"

Blasenwundspreizer, Blasenspatel  
 Bladder Retractors  
 Separadores vesicales, Espátula vesical  
 Divaricatori vescicali, Spatoli vescicali



MILLIN

67130-00 komplett, ohne Kaltlicht  
 complete, without fiber optic  
 completo, sin soporte de luz fría  
 completo, senza fibre ottiche

67132-00 komplett, mit Kaltlicht  
 complete, with fiber optic  
 completo, con soporte de luz fría  
 completo, con fibre ottiche



JUDD-MASSON

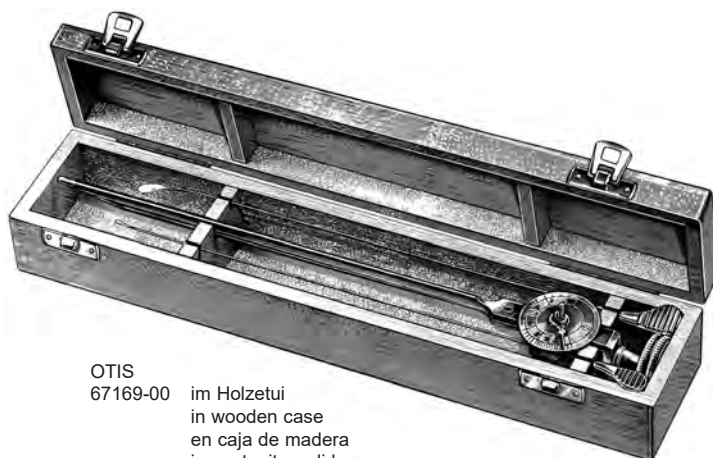
67150-00 mit Mittelvalve, with Central Blade  
 con valva central, con valva centrale

LEGUEU  
67147-27KOCHER  
67149-27THOMSON-WALKER  
67160-00

Blasenwundspreizer, Urethrotome  
Bladder Retractors, Urethrotomes  
Separadores vesicales, Uretrótomos  
Divaricatori vescicali, Uretrotomi



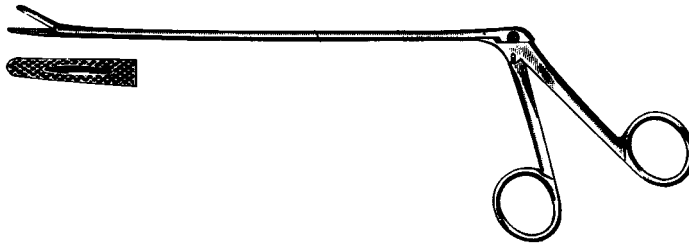
HRYNTSCHAK  
67170-00



OTIS  
67169-00 im Holzetui  
in wooden case  
en caja de madera  
in contenitore di legno

67169-01 Ersatzblatt alleine  
Blade only  
Hoja de repuesto  
Lame di ricambio

Fremdkörperzange, Penisklemmen  
 Foreign Body Forceps, Penis Seizing Forceps  
 Pinzas para cuerpos extraños, Compresores uretrales  
 Pinze per corpi estranei, Serrapene



MATHIEU  
 67172-20 20 cm, 8"  
 67172-28 28 cm, 11"



STOCKMANN  
 67175-08  
 8 cm, 3 1/8"



STRAUSS  
 67177-11  
 11 cm, 4 3/8"

Vasektomie-Klemme  
Vasectomy Forceps  
Pinza para vasectomia  
Pinza per vasectomia



67178-12  
12 cm, 4 3/4"



14 cm, 5 1/2"  
67178-14 Ø 3 mm  
67178-15 Ø 4 mm  
67178-16 Ø 5 mm



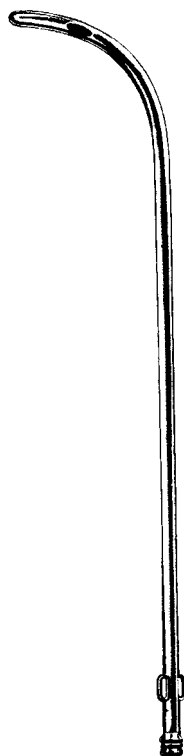
67179-14  
14,5 cm, 5 3/4"

Kathetereinführungsinstrumente, Dilatationsbougies  
 Catheter Introducer, Dilating Bougies  
 Introductor de catéteres, Bujías dilatadoras  
 Mandrini per sonda uretrali, Candelette dilatatrici

|                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                      |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |   |                                                                                    |                                                                                    |                                                                                    |                                                                                      |
| GUYON<br>67184-39<br>39 cm, 15 1/2"                                                | 67185-35<br>35 cm, 13 3/4"                                                         |                                                                                    |                                                                                    |                                                                                    |                                                                                      |
|                                                                                    |  |  |  |  |  |
| Charr.                                                                             | 28 cm (11")                                                                        | 25 cm (10")                                                                        | 28 cm (11")                                                                        | 30 cm (11 3/4")                                                                    | OTIS                                                                                 |
| FG.                                                                                | VAN BUREN                                                                          | GUYON                                                                              | DITTEL                                                                             | DITTEL                                                                             |                                                                                      |
| 8                                                                                  | 67201-08                                                                           | 67205-08                                                                           | 67206-08                                                                           | 67207-08                                                                           | 67208-08                                                                             |
| 9                                                                                  |                                                                                    |                                                                                    | 67206-09                                                                           | 67207-09                                                                           |                                                                                      |
| 10                                                                                 | 67201-10                                                                           | 67205-10                                                                           | 67206-10                                                                           | 67207-10                                                                           | 67208-10                                                                             |
| 11                                                                                 |                                                                                    |                                                                                    | 67206-11                                                                           | 67207-11                                                                           |                                                                                      |
| 12                                                                                 | 67201-12                                                                           | 67205-12                                                                           | 67206-12                                                                           | 67207-12                                                                           | 67208-12                                                                             |
| 13                                                                                 |                                                                                    |                                                                                    | 67206-13                                                                           | 67207-13                                                                           |                                                                                      |
| 14                                                                                 | 67201-14                                                                           | 67205-14                                                                           | 67206-14                                                                           | 67207-14                                                                           | 67208-14                                                                             |
| 15                                                                                 |                                                                                    |                                                                                    | 67206-15                                                                           | 67207-15                                                                           |                                                                                      |
| 16                                                                                 | 67201-16                                                                           | 67205-16                                                                           | 67206-16                                                                           | 67207-16                                                                           | 67208-16                                                                             |
| 17                                                                                 |                                                                                    |                                                                                    | 67206-17                                                                           | 67207-17                                                                           |                                                                                      |
| 18                                                                                 | 67201-18                                                                           | 67205-18                                                                           | 67206-18                                                                           | 67207-18                                                                           | 67208-18                                                                             |
| 19                                                                                 |                                                                                    |                                                                                    | 67206-19                                                                           | 67207-19                                                                           |                                                                                      |
| 20                                                                                 | 67201-20                                                                           | 67205-20                                                                           | 67206-20                                                                           | 67207-20                                                                           | 67208-20                                                                             |
| 21                                                                                 |                                                                                    |                                                                                    | 67206-21                                                                           | 67207-21                                                                           |                                                                                      |
| 22                                                                                 | 67201-22                                                                           | 67205-22                                                                           | 67206-22                                                                           | 67207-22                                                                           | 67208-22                                                                             |
| 23                                                                                 |                                                                                    |                                                                                    | 67206-23                                                                           | 67207-23                                                                           |                                                                                      |
| 24                                                                                 | 67201-24                                                                           | 67205-24                                                                           | 67206-24                                                                           | 67207-24                                                                           | 67208-24                                                                             |
| 25                                                                                 |                                                                                    |                                                                                    | 67206-25                                                                           | 67207-25                                                                           |                                                                                      |
| 26                                                                                 | 67201-26                                                                           | 67205-26                                                                           | 67206-26                                                                           | 67207-26                                                                           | 67208-26                                                                             |
| 27                                                                                 |                                                                                    |                                                                                    | 67206-27                                                                           | 67207-27                                                                           |                                                                                      |
| 28                                                                                 | 67201-28                                                                           | 67205-28                                                                           | 67206-28                                                                           | 67207-28                                                                           | 67208-28                                                                             |
| 29                                                                                 |                                                                                    |                                                                                    | 67206-29                                                                           | 67207-29                                                                           |                                                                                      |
| 30                                                                                 | 67201-30                                                                           | 67205-30                                                                           | 67206-30                                                                           | 67207-30                                                                           | 67208-30                                                                             |
| 32                                                                                 | 67201-32                                                                           | 67205-32                                                                           |                                                                                    |                                                                                    | 67208-32                                                                             |
| 34                                                                                 | 67201-34                                                                           | 67205-34                                                                           |                                                                                    |                                                                                    | 67208-34                                                                             |
| 36                                                                                 | 67201-36                                                                           | 67205-36                                                                           |                                                                                    |                                                                                    | 67208-36                                                                             |
| 38                                                                                 |                                                                                    | 67205-38                                                                           |                                                                                    |                                                                                    |                                                                                      |
| 40                                                                                 |                                                                                    | 67205-40                                                                           |                                                                                    |                                                                                    |                                                                                      |



Metallkatheter  
Metal Catheters  
Sondas metálicas  
Sonde metalliche



29 cm, 11 1/2"



15 cm, 6"



COXETER

Charr.  
FG

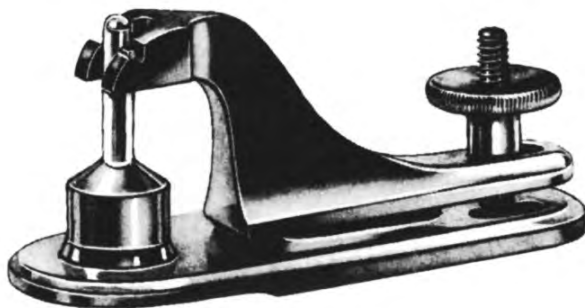
|    |          |          |          |
|----|----------|----------|----------|
| 6  |          | 67213-06 |          |
| 8  | 67211-08 | 67213-08 | 67219-08 |
| 10 | 67211-10 | 67213-10 | 67219-10 |
| 12 | 67211-12 | 67213-12 | 67219-12 |
| 14 | 67211-14 | 67213-14 | 67219-14 |
| 16 | 67211-16 | 67213-16 | 67219-16 |
| 18 | 67211-18 | 67213-18 | 67219-18 |
| 20 | 67211-20 | 67213-20 | 67219-20 |
| 22 |          | 67213-22 | 67219-22 |
| 24 |          | 67213-24 | 67219-24 |



WALTHER  
13,5 cm, 5 1/4"  
67220-00 (Set)

|          |        |
|----------|--------|
| 67220-12 | 12 Fr. |
| 67220-14 | 14 Fr. |
| 67220-16 | 16 Fr. |
| 67220-18 | 18 Fr. |
| 67220-20 | 20 Fr. |
| 67220-22 | 22 Fr. |
| 67220-24 | 24 Fr. |
| 67220-26 | 26 Fr. |
| 67220-28 | 28 Fr. |
| 67220-30 | 30 Fr. |
| 67220-32 | 32 Fr. |
| 67220-34 | 34 Fr. |
| 67220-36 | 36 Fr. |
| 67220-38 | 38 Fr. |

Beschneidungsinstrument  
Circumcision Instrument  
Instrumentos para circuncisión  
Strumenti per circonscisione



|          |         |
|----------|---------|
| 67240-08 | 8 mm Ø  |
| 67240-11 | 11 mm Ø |
| 67240-13 | 13 mm Ø |
| 67240-16 | 16 mm Ø |
| 67240-21 | 21 mm Ø |
| 67240-26 | 26 mm Ø |
| 67240-32 | 32 mm Ø |

67240-08 - 67240-32



MOGEN

|              |             |        |
|--------------|-------------|--------|
| 67250-07     | 7,5 cm (3") | 2,5 mm |
| 67251-07     | 7,5 cm (3") | 1,5 mm |
| für Kinder   |             |        |
| for children |             |        |
| para niños   |             |        |
| per bambini  |             |        |

Mastdarm-Spekula  
Rectal Specula  
Espécúlos rectales  
Specoli rettali



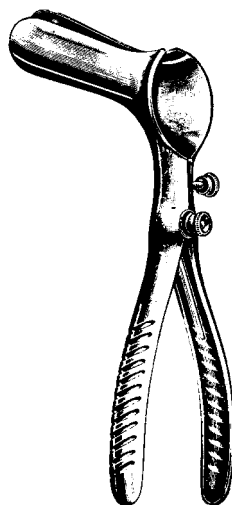
CZERNY  
69105-22  
22 cm, 8 3/4"



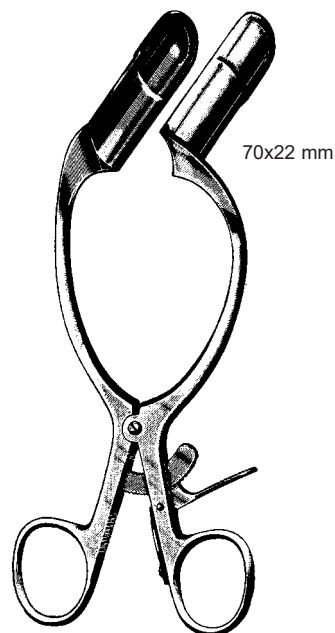
SIMS  
69110-15  
15 cm, 6"



BODENHAMMER  
69115-15  
15 cm, 6"

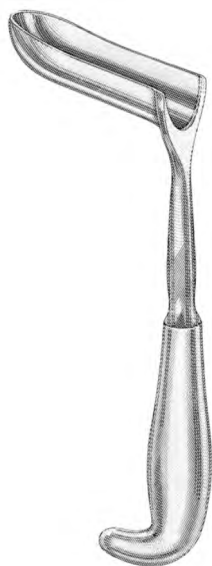


PRATT  
69121-00  
19 cm, 7 1/2"



BARR  
69125-17  
17 cm, 6 3/4"

Mastdarm-Spekula  
Rectal Specula  
Espécules rectales  
Specoli rettali



HILL-FERGUSON, 20 cm, 8"

69126-01 6,4x2,2 cm 2 1/2" x 7/8"  
69126-02 7,6x3,0 cm 3" x 1 3/16"  
69126-03 7,6x3,6 cm 3" x 1 7/16"



SAWYER, 25 cm, 9 3/4"

69127-01 6,4x2,2 cm 2 1/2" x 7/8"  
69127-02 7,6x2,9 cm 3" x 1 1/8"  
69127-03 8,9x3,8 cm 3 1/2" x 1 1/2"

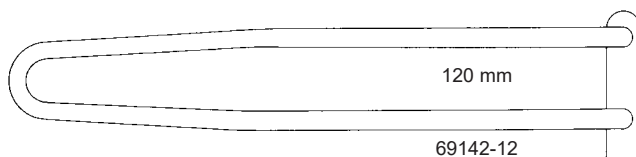
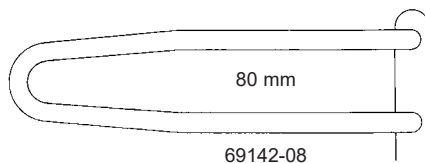
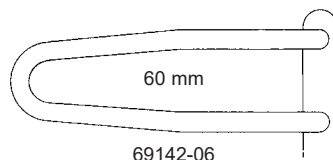


MATHIEU

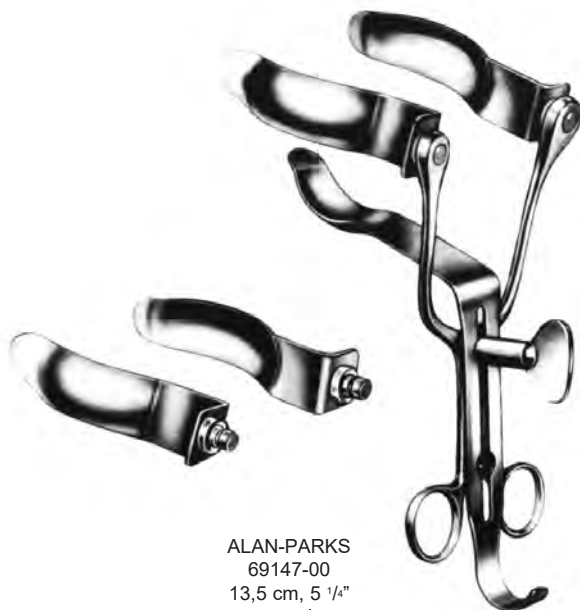
69130-19  
19,5 cm, 7 3/4"



SCHULZE-BERGMANN  
69142-06 - 69142-12

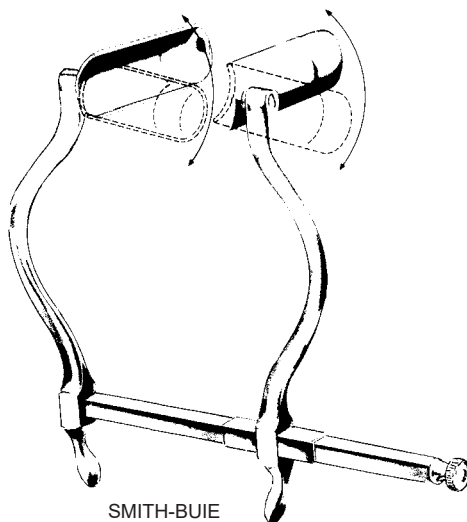


Anal spreizer  
Anal Retractors  
Separadores rectales  
Dilatatori per l'ano e il retto



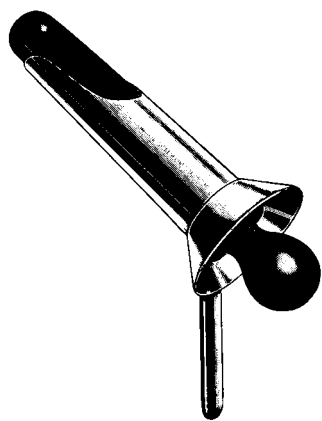
ALAN-PARKS  
69147-00  
13,5 cm, 5 1/4"  
compl.

69148-00  
Kaltlicht Zubehör für 69147-00  
Cold Light Attachment for 69147-00  
Adaptador para luz fría 69147-00  
Adattatore luce fredda per 69147-00



SMITH-BUIE  
69150-15  
15 cm, 6"  
75x23 mm

Anuskoep, Proktoskope  
Anoscopes, Proctoscopes  
Anoscopios, Proctoscopios  
Anoscopi, Protoscopi



IVES-FANSLER  
69210-22 22 mm Ø  
L = 80 mm



Ø mm    HIRSCHMANN  
16       69212-16  
19       69212-19  
22       69212-22  
          L = 65 mm

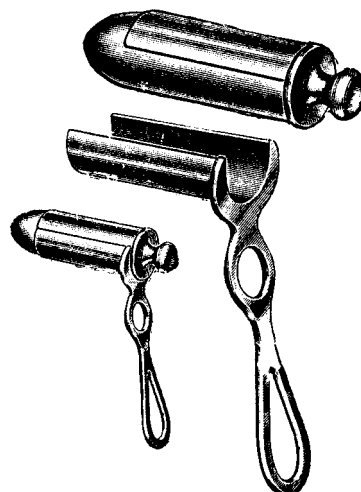


mm  
ØxL       KELLY  
22x 50    69220-05  
22x100   69220-10  
22x140   69220-14  
22x200   69220-20

Sphinkteroskope, Proktoskope, Fistelsonde  
Sphincteroscopes, Proctoscopes, Fistula Probe  
Esfinteroscopios, Proctoscopios, Sondas para fistulas  
Sfinteroscopi, Protoscopi, Sonde per fistole



Ø mm KELLY  
21 69224-21  
27 69224-27  
L = 50 mm, 2"



Ø mm CHELSEA-EATON  
22 x 65 69225-22  
30 x 65 69225-30



Fig. 1  
69251-01



Fig. 2  
69251-02

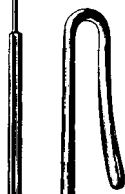
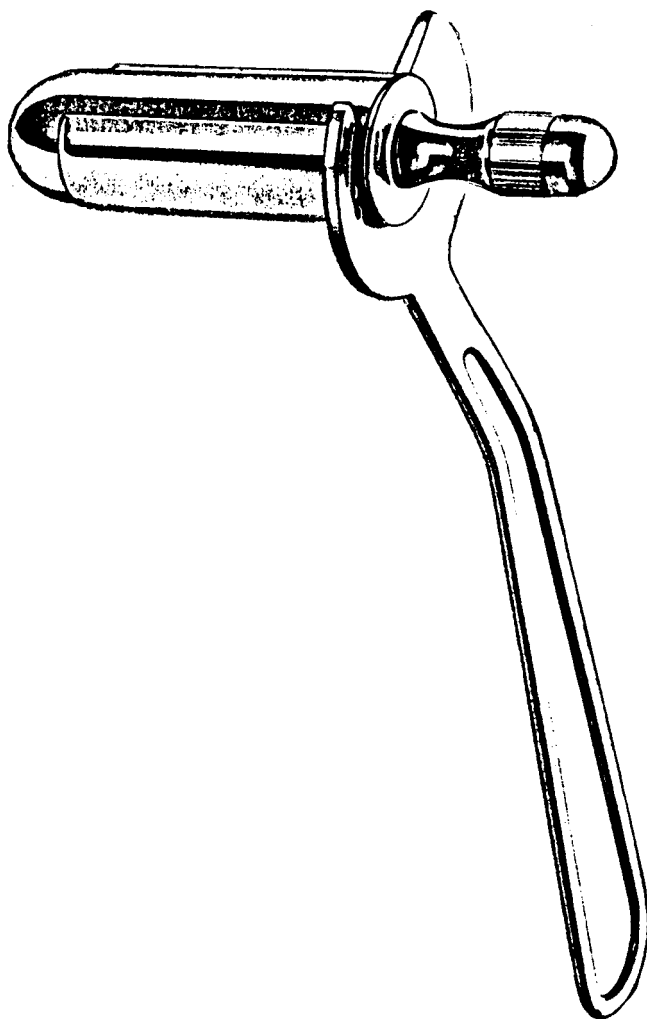


Fig. 3  
69251-03

PRATT  
21 cm, 8 1/4"  
69251-01 - 69251-03

Proktoskope  
Proctoscopes  
Proctoscopios  
Protoscopi

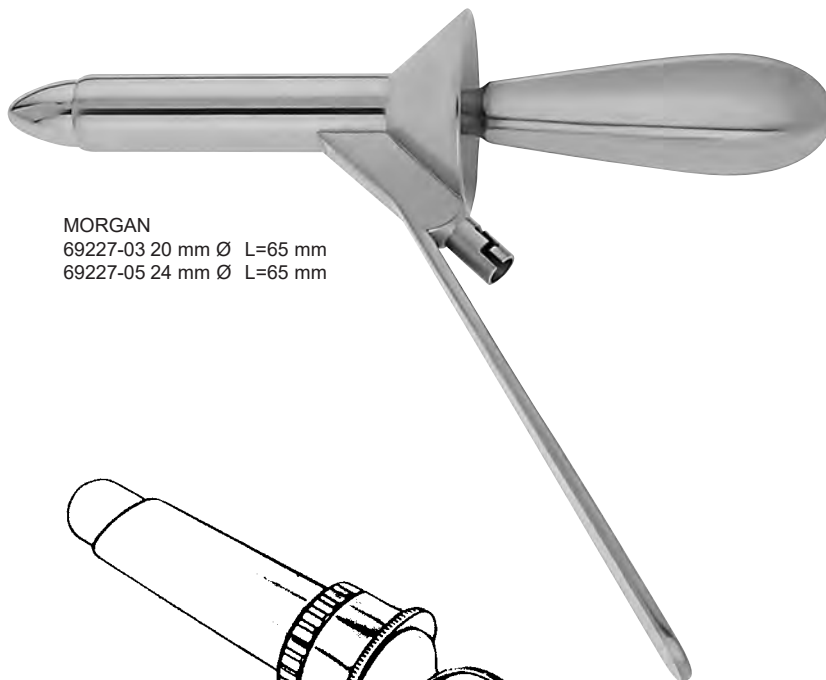


FANSLER  
24 cm, 9 1/2"

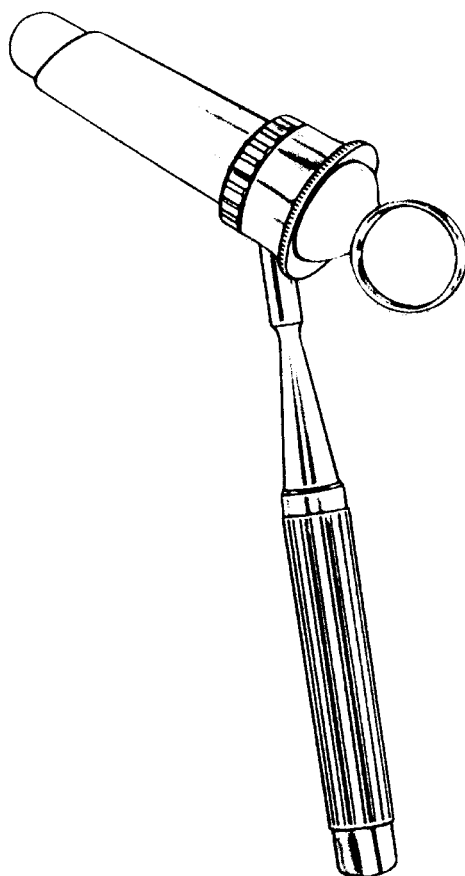
| Ø          | L        |  |
|------------|----------|--|
| 25 x 65 mm | 69226-25 |  |
| 29 x 65 mm | 69226-29 |  |
| 38 x 70 mm | 69226-38 |  |



Proktoskope  
Proctoscopes  
Proctoscopios  
Protoscopi



MORGAN  
69227-03 20 mm Ø L=65 mm  
69227-05 24 mm Ø L=65 mm



BENSAUDE  
69229-01 19 mm Ø L=70 mm  
69229-02 22 mm Ø L=70 mm

Mastdarmbiopsiezangen  
Rectal Biopsy Specimen Forceps  
Pinzas para biopsia rectal  
Pinze taglienti per biopsia rettale

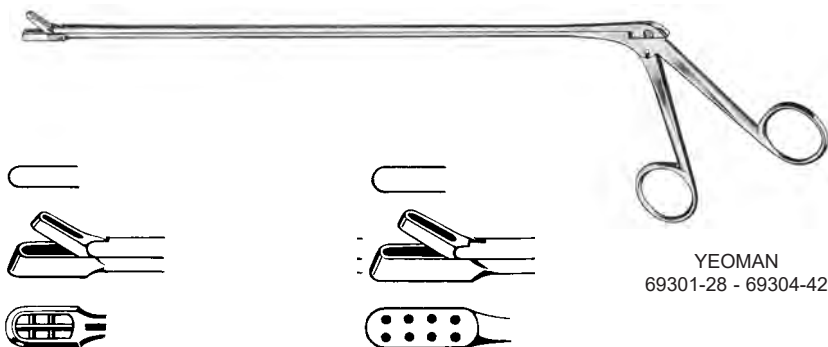
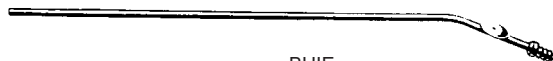


Fig. 1

69301-28 28 cm, 11"  
69301-35 35 cm, 13 <sup>3</sup>/<sub>4</sub>"  
69301-42 42 cm, 16 <sup>1</sup>/<sub>2</sub>"

Fig. 2

69302-28 28 cm, 11"  
69302-35 35 cm, 13 <sup>3</sup>/<sub>4</sub>"  
69302-42 42 cm, 16 <sup>1</sup>/<sub>2</sub>"



BUIE  
69261-41  
41 cm, 16"

Hämorrhoidalzange  
Haemorrhoidal Forceps  
Pinzas-clamps hemorroidales  
Pinze per emorroidi

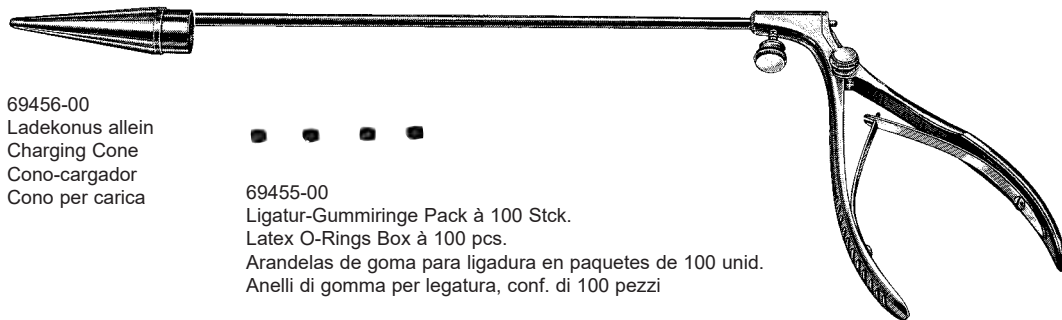


HEYWOOD-SMITH

69402-21 21 cm, 8 1/4"

69402-25 25 cm, 10"

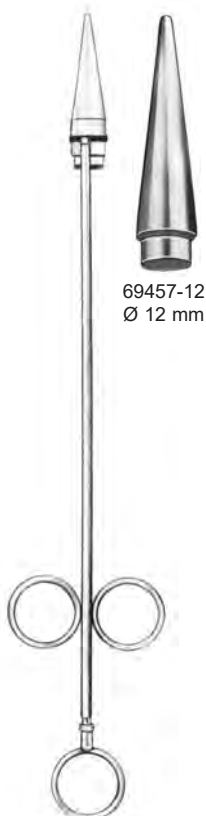
Hämorrhoidal-Ligatoren, Hämorrhoidal-Fasszange  
 Haemorrhoidal Ligators, Haemorrhoidal Forceps  
 Ligadores para hemorroides, Pinzas-clamps para hemorroides  
 Legatori emorroidali, Pinze per emorroidi



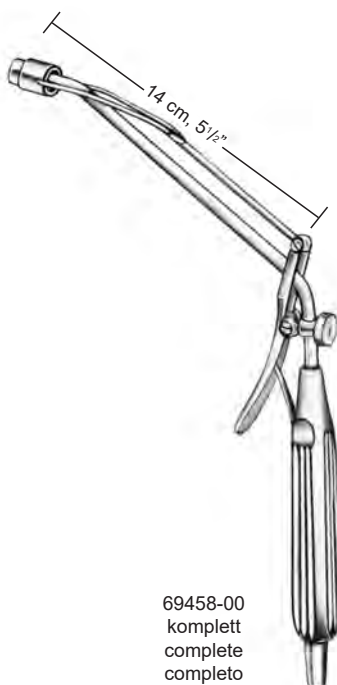
69456-00  
 Ladekonus allein  
 Charging Cone  
 Cono-cargador  
 Cono per carica

69455-00  
 Ligatur-Gummiringe Pack à 100 Stck.  
 Latex O-Rings Box à 100 pcs.  
 Arandelas de goma para ligadura en paquetes de 100 unid.  
 Anelli di gomma per legatura, conf. di 100 pezzi

MC GIVNEY  
 69450-18  
 18 cm, 7"



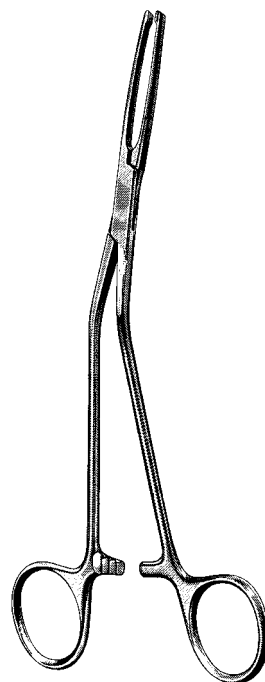
69457-12  
 Ø 12 mm



69458-00  
 komplett  
 complete  
 completo



Ø 10 mm  
 69458-10  
 Ladekonus  
 Charging cone  
 Cono-cargador  
 Cono per carica



MC GIVNEY  
 69460-00  
 19 cm, 7 1/2"

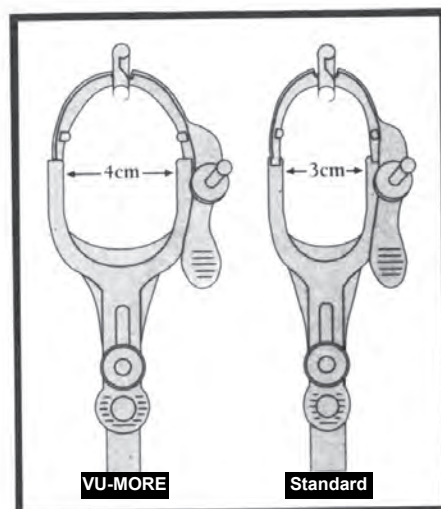
RUDD  
 69457-31  
 31,5 cm, 12 1/2"  
 kplt./cplt.

Lateral-Scheidenspekula  
Lateral Vaginal Retractor  
Espécules vaginales  
Specoli vaginali



71100-00

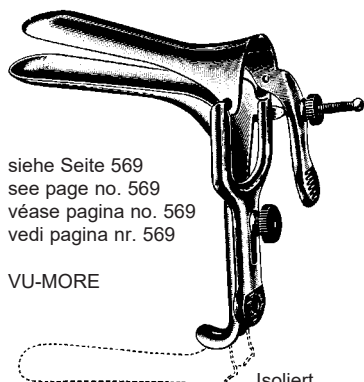
Lateralspreizer allein  
Vaginal retractor lateral only  
Espécule vaginal solo  
Specolo vaginale laterale, solo



**VU-MORE**

| Fig. | mm     |          |
|------|--------|----------|
| 2    | 95x35  | 71115-02 |
| 3    | 115x35 | 71115-03 |

Scheidenspekula  
Vaginal Specula  
Espéculos vaginales  
Specoli vaginali

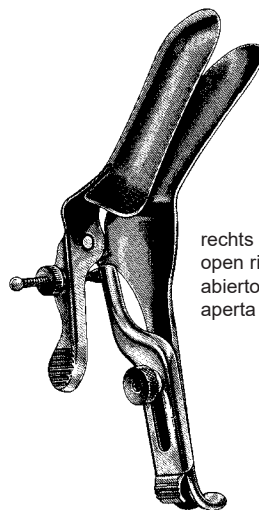


siehe Seite 569  
see page no. 569  
véase pagina no. 569  
vedi pagina nr. 569

VU-MORE

GRAVE

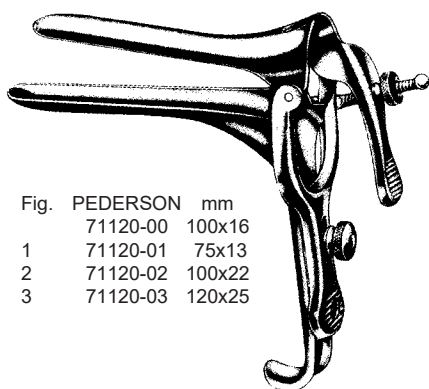
| Fig. | mm     | Standard | Isoliert<br>Insulated<br>Aislado<br>Isolato |
|------|--------|----------|---------------------------------------------|
| 1    | 75x20  | 71110-01 | 71110-01 INS                                |
| 2    | 95x35  | 71110-02 | 71110-02 INS                                |
| 3    | 115x35 | 71110-03 | 71110-03 INS                                |



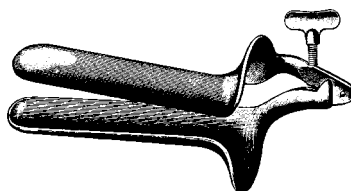
rechts offen  
open right-side  
abierto a la derecha  
aperta a destra

GRAVE  
71116-02

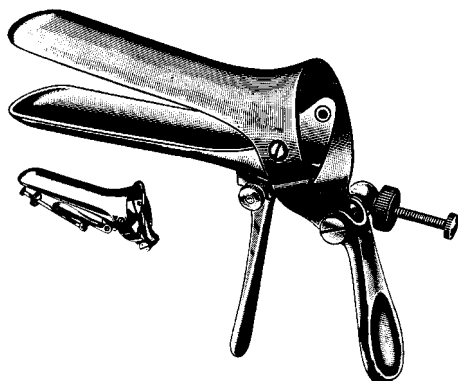
mittel, medium, mediano, medio  
101x35 mm



| Fig. | PEDERSON | mm     |
|------|----------|--------|
|      | 71120-00 | 100x16 |
| 1    | 71120-01 | 75x13  |
| 2    | 71120-02 | 100x22 |
| 3    | 71120-03 | 120x25 |



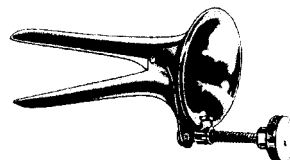
| Fig. | COLLIN   | mm     |
|------|----------|--------|
| 1    | 71130-01 | 85x30  |
| 2    | 71130-02 | 100x35 |
| 3    | 71130-03 | 110x40 |



Seitliche Schraube  
Lateral Screw  
Tornillo lateral  
Vite laterale

CUSCO

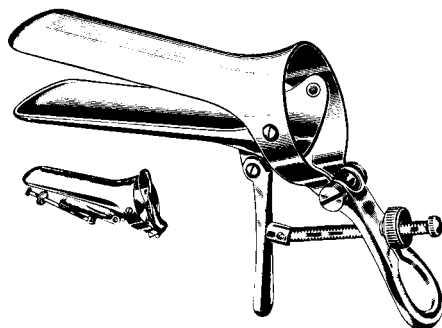
| Fig. | mm     | Standard                                                              |
|------|--------|-----------------------------------------------------------------------|
| 1    | 75x32  | 71140-01                                                              |
| 2    | 85x35  | 71140-02                                                              |
| 3    | 100x35 | 71140-03                                                              |
| 4    | 75x17  | 71142-04 für Jungfrauen<br>for virgin<br>para vírgenes<br>per vergini |



COLLIN  
71132-00  
65x10 mm

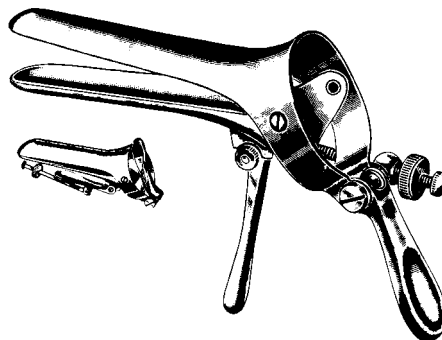
Scheidenspekula  
Vaginal Specula  
Espécúlos vaginales  
Specoli vaginali

Mittelschraube  
Central Screw  
Tornillo central  
Vite centrale

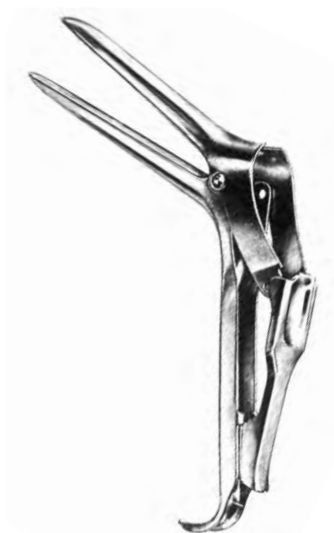


| Fig. | CUSCO    | mm     |
|------|----------|--------|
| 1    | 71150-01 | 75x32  |
| 2    | 71150-02 | 85x35  |
| 3    | 71150-03 | 100x37 |

Schweizer Modell  
Swiss Pattern  
Modelo suizo  
Modello svizzero



| Fig. | CUSCO    | mm        |
|------|----------|-----------|
| 1    | 71160-01 | 90x23-25  |
| 2    | 71160-02 | 100x25-27 |
| 3    | 71160-03 | 110x27-30 |



| SEMM     | mm               |
|----------|------------------|
| 71161-17 | 100 x 17 - 20 mm |
| 71161-25 | 100 x 25 - 30 mm |

Scheidenspekula  
Vaginal Specula  
Especúlos vaginales  
Specoli vaginali

Satz bestehend aus je 1 Spekula und 1 Halter  
Set consisting of 1 specula and 1 retractor  
Juego de 1 espéculo y 1 valva  
Serie da 1 specolo e 1 valva

Spekula  
Speculum  
Espéculo  
Specolo

Halter  
Retractor  
Valva  
Valve



Fig. KRISTELLER  
1 71210-01  
2 71210-02  
3 71210-03

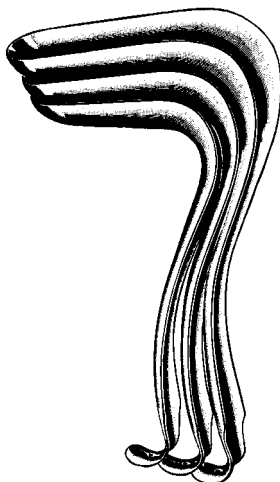


Fig. KRISTELLER mm  
1 71211-01 70x27  
2 71211-02 80x30  
3 71211-03 90x36



Fig. KRISTELLER mm  
1 71212-01 75x23  
2 71212-02 85x26  
3 71212-03 100x32



Fig. KRISTELLER  
00 71240-00  
0 71240-10  
1 71240-01  
2 71240-02  
3 71240-03

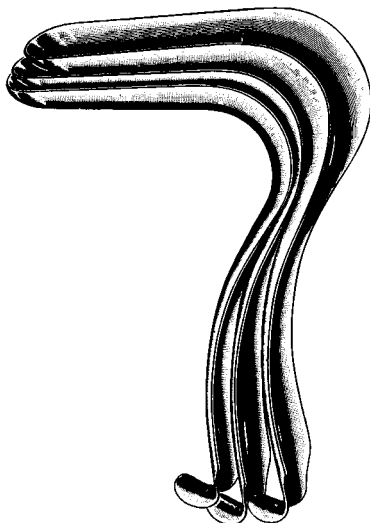


Fig. KRISTELLER mm  
00 71241-00 110x18  
0 71241-10 110x21  
1 71241-01 110x27  
2 71241-02 110x30  
3 71241-03 110x36

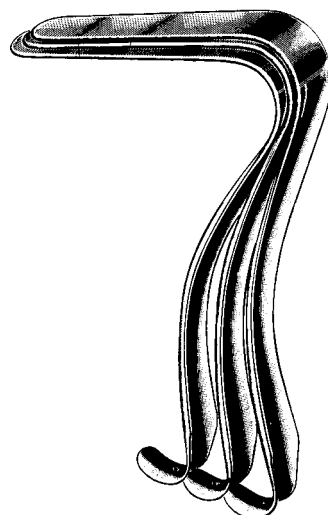


Fig. KRISTELLER mm  
00 71242-00 115x14  
0 71242-10 115x17  
1 71242-01 115x23  
2 71242-02 115x26  
3 71242-03 115x32

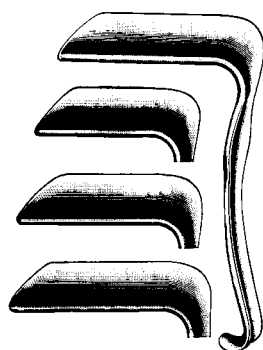


Scheidenspekula  
Vaginal Specula  
Espéculos vaginales  
Specoli vaginali



KALLMORGEN  
71260-01 - 71262-02

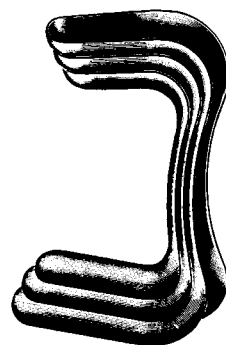
| Fig. | Satz<br>Set<br>Juego<br>Serie | Spekula<br>Speculum<br>Espéculo<br>Specolo | mm    | Halter<br>Retractor<br>Valva<br>Valve | mm    |
|------|-------------------------------|--------------------------------------------|-------|---------------------------------------|-------|
| 1    | 71260-01                      | 71261-01                                   | 70x40 | 71262-01                              | 70x33 |
| 2    | 71260-02                      | 71261-02                                   | 90x40 | 71262-02                              | 90x33 |



JACKSON  
Fig. mm  
1 71271-01 75x38  
2 71271-02 90x38  
3 71271-03 100x38

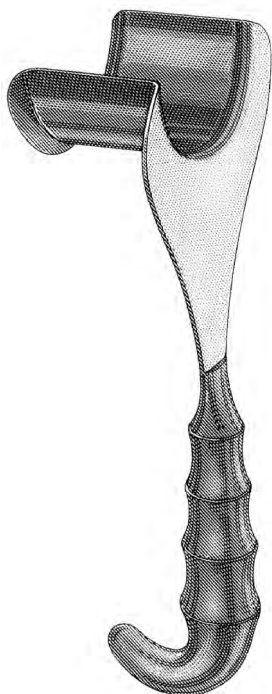


SIMS  
Fig. mm  
1 71281-01 63x32  
2 71281-02 76x32  
3 71281-03 89x38



SIMS  
Fig. mm  
1 71291-01 60x25+30  
2 71291-02 70x30+35  
3 71291-03 80x35+40  
Set 71291-00 (Fig. 1,2,3)

Scheidenspekula  
Vaginal Specula  
Espéculos vaginales  
Specoli vaginali



DELEE  
71300-01  
23,5 cm, 9 1/4"

leicht hohl  
slightly concave  
ligeramente concavos  
leggermente concavi

| Fig. |          | mm     |
|------|----------|--------|
| 1    | 71301-01 | 55x35  |
| 2    | 71301-02 | 85x35  |
| 3    | 71301-03 | 115x35 |

| Fig. |          | mm     |
|------|----------|--------|
| 1    | 71303-01 | 55x45  |
| 2    | 71303-02 | 85x45  |
| 3    | 71303-03 | 115x45 |
| 4    | 71303-04 | 160x45 |
| 5    | 71303-05 | 180x45 |

| Fig. |          | mm     |
|------|----------|--------|
| 1    | 71305-01 | 55x60  |
| 2    | 71305-02 | 85x60  |
| 3    | 71305-03 | 115x60 |
| 4    | 71305-04 | 160x60 |
| 5    | 71305-05 | 180x60 |



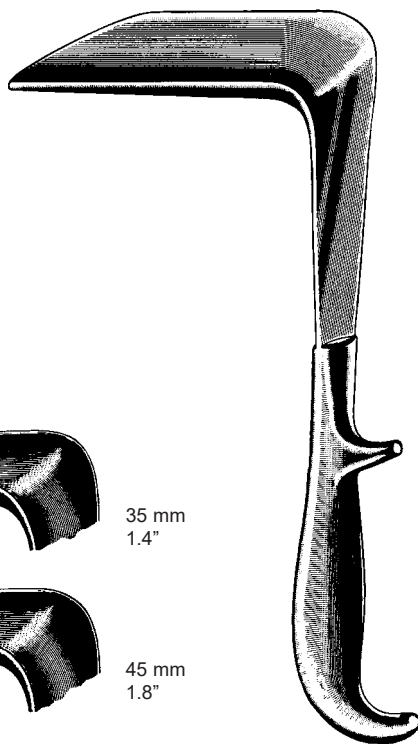
35 mm  
1.4"



45 mm  
1.8"



60 mm  
2.4"



DOYEN  
24 cm, 9 1/2"

Scheidenspekula  
Vaginal Specula  
Especúlos vaginales  
Specoli vaginali

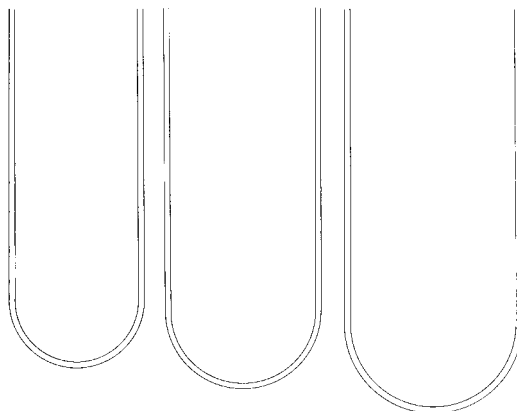


71306-01 - 71306-03

71306-01  
80 x 30 mm

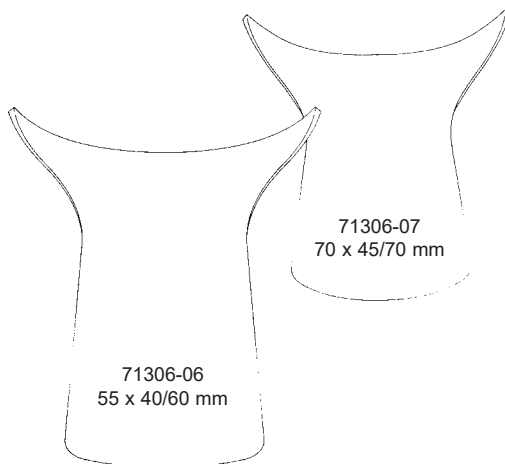
71306-02  
85 x 35 mm

71306-03  
90 x 40 mm



71306-04  
Gewicht 400 gr  
weight 400 grs  
peso 400 grs  
peso 400 grs

71306-05  
Gewicht 800 gr  
weight 800 grs  
peso 800 grs  
peso 800 grs



71306-06  
55 x 40/60 mm

71306-07  
70 x 45/70 mm

SCHERBAK  
71306-00  
Set komplett  
complete set  
juego completo  
set completo



71306-08  
Griff, handle,  
mango, manico

Scheidenspekula  
Vaginal Specula  
Espécules vaginales  
Specoli vaginali



O'SULLIVAN-O'CONNOR  
71308-00

71308-00

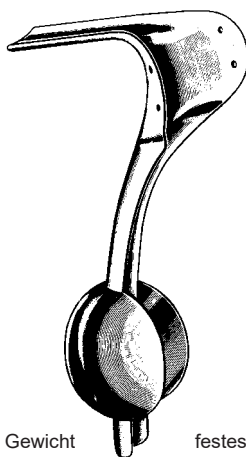
komplett bestehend aus:

1 Rahmen mit 2 beweglichen Seitenvalven  
3 austauschbare Mittelvalven Fig. 1-3

1 frame with 2 mobile lateral blades  
3 interchangeable blades Fig. 1-3

1 Marco con 2 separadores móviles laterales  
3 separadores centrales intercambiables fig. 1-3

1 telaio regolabile con 2 valve laterali mobili  
3 valve intercambiabili fig. 1-3



abnehmbares Gewicht  
Detachable Weight  
Peso desmontable  
Peso smontabile

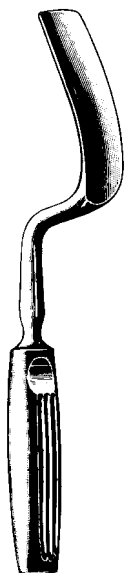
71307-00  
1,4 kg  
75 x 38 mm

AUVARD  
24 cm, 9½"

festes Gewicht  
Fixed Weight  
Peso fijo  
Peso fisso

71309-00  
1,4 kg  
105 x 38 mm

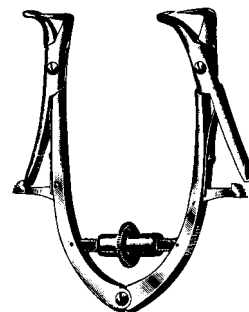
Scheidenspekula, Endospekula  
Vaginal Specula, Endospecula  
Espécúlos vaginales, Endo-espécúlos  
Specoli vaginali, Endospecoli



| mm     | BREISKY  |                |
|--------|----------|----------------|
| 100x20 | 71310-20 | 28 cm, 11"     |
| 100x25 | 71310-25 | 28 cm, 11"     |
| 100x30 | 71310-30 | 28 cm, 11"     |
| 100x35 | 71310-35 | 28 cm, 11"     |
| 100x40 | 71310-40 | 28 cm, 11"     |
| 130x20 | 71313-20 | 33 cm, 13"     |
| 130x25 | 71313-25 | 33 cm, 13"     |
| 130x30 | 71313-30 | 33 cm, 13"     |
| 130x35 | 71313-35 | 33 cm, 13"     |
| 130x40 | 71313-40 | 33 cm, 13"     |
| 155x40 | 71315-40 | 35 cm, 13 3/4" |



| mm     | LANDAU   |                |
|--------|----------|----------------|
| 100x28 | 71319-28 | 29 cm, 11 1/2" |
| 100x38 | 71319-38 | 29 cm, 11 1/2" |



| JOLL (FRIEDMANN) |           |  |
|------------------|-----------|--|
| 71351-10         | 10 cm, 4" |  |
| 71351-15         | 15 cm, 6" |  |



| KOGAN    |      |               |  |
|----------|------|---------------|--|
| 71360-24 | 3 mm | 24 cm, 9 1/2" |  |
| 71361-24 | 4 mm | 24 cm, 9 1/2" |  |
| 71362-24 | 5 mm | 24 cm, 9 1/2" |  |



| KOGAN    |      |               |  |
|----------|------|---------------|--|
| 71363-24 | 3 mm | 24 cm, 9 1/2" |  |
| 71364-24 | 4 mm | 24 cm, 9 1/2" |  |
| 71365-24 | 5 mm | 24 cm, 9 1/2" |  |

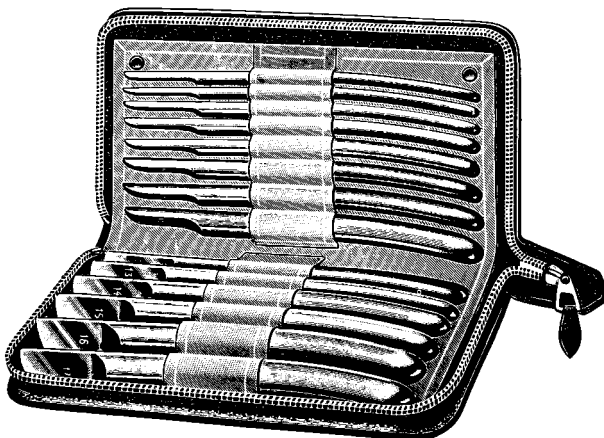
Uterus Dilatatore  
 Uterine Dilators  
 Dilatadores uterinos  
 Dilatatori uterini



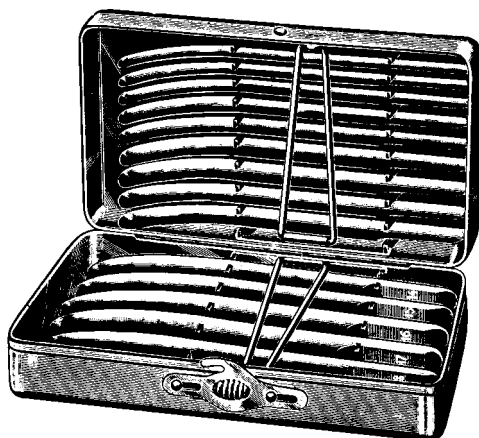
| mm Ø | HEGAR    |          | mm Ø |
|------|----------|----------|------|
| 1    | 71410-01 | 71415-01 | 1,5  |
| 2    | 71410-02 | 71415-02 | 2,5  |
| 3    | 71410-03 | 71415-03 | 3,5  |
| 4    | 71410-04 | 71415-04 | 4,5  |
| 5    | 71410-05 | 71415-05 | 5,5  |
| 6    | 71410-06 | 71415-06 | 6,5  |
| 7    | 71410-07 | 71415-07 | 7,5  |
| 8    | 71410-08 | 71415-08 | 8,5  |
| 9    | 71410-09 | 71415-09 | 9,5  |
| 10   | 71410-10 | 71415-10 | 10,5 |
| 11   | 71410-11 | 71415-11 | 11,5 |
| 12   | 71410-12 | 71415-12 | 12,5 |
| 13   | 71410-13 | 71415-13 | 13,5 |
| 14   | 71410-14 | 71415-14 | 14,5 |
| 15   | 71410-15 | 71415-15 | 15,5 |
| 16   | 71410-16 | 71415-16 | 16,5 |
| 17   | 71410-17 | 71415-17 | 17,5 |
| 18   | 71410-18 | 71415-18 | 18,5 |
| 19   | 71410-19 | 71415-19 | 19,5 |
| 20   | 71410-20 |          |      |
| 21   | 71410-21 |          |      |
| 22   | 71410-22 |          |      |
| 23   | 71410-23 |          |      |
| 24   | 71410-24 |          |      |
| 25   | 71410-25 |          |      |
| 26   | 71410-26 |          |      |
| 27   | 71410-27 |          |      |
| 28   | 71410-28 |          |      |
| 29   | 71410-29 |          |      |
| 30   | 71410-30 |          |      |

71404-14 Satz/Set/Juego/Set  
 71410-04 - 71410-17 = 14

71404-26 Satz/Set/Juego/Set  
 71410-01 - 71410-26 = 26



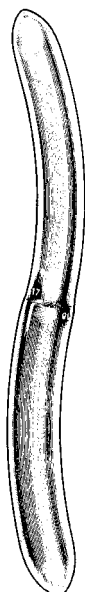
HEGAR  
 71405-14 4-17 mm  
 14 St./pces./pzas./pezzi



mm HEGAR  
 4-17 71406-14 14 St./pces./pzas./pezzi  
 1-26 71406-26 26 St./pces./pzas./pezzi

in Metalletui, in metal case,  
 en estuche de metal, in astuccio metallico

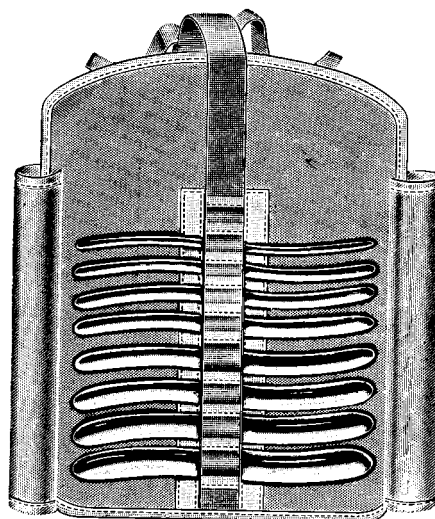
Uterus Dilatatoren  
Uterine Dilators  
Dilatadores uterinos  
Dilatatori uterini



| mm    | HEGAR    |
|-------|----------|
| 1/2   | 71420-01 |
| 3/4   | 71420-03 |
| 5/6   | 71420-05 |
| 7/8   | 71420-07 |
| 9/10  | 71420-09 |
| 11/12 | 71420-11 |
| 13/14 | 71420-13 |
| 15/16 | 71420-15 |
| 17/18 | 71420-17 |
| 19/20 | 71420-19 |
| 21/22 | 71420-21 |
| 23/24 | 71420-23 |
| 25/26 | 71420-25 |

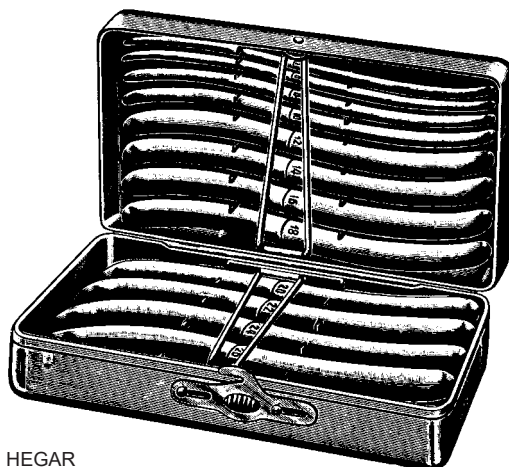
71424-08 Satz/Set/Juego/Set  
71420-03 - 71420-17 = 8  
3/4 - 17/18 mm

71424-13 Satz/Set/Juego/Set  
71420-01 - 71420-25 = 13  
1/2 - 25/26 mm



mm HEGAR  
3/4 - 17/18 71425-08 8 St./pces./pzas./pezzi

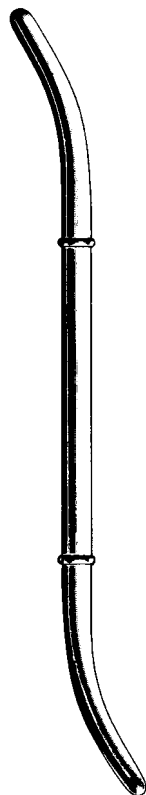
in Stofftasche, in khaki roll,  
en bolsa de tela, in borsa di tela



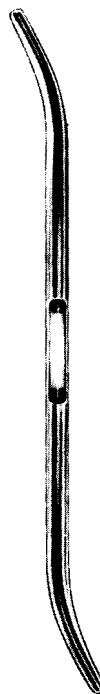
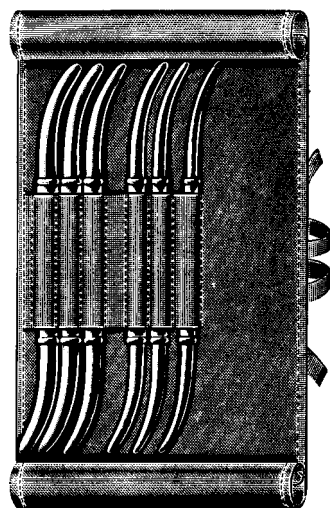
mm HEGAR  
3/4 - 17/18 71426-08 8 St./pces./pzas./pezzi  
1/2 - 25/26 71426-13 13 St./pces./pzas./pezzi

in Metalletui, in metal case,  
en estuche de metal, in astuccio metallico

Uterus Dilatatoren  
 Uterine Dilators  
 Dilatadores uterinos  
 Dilatatori uterini



in Stofftasche  
 in khaki roll  
 en bolsa de tela  
 in borsa di tela



| Fig.  | mm/Ø   | HANK     |
|-------|--------|----------|
| 9/10  | 4,5/5  | 71430-10 |
| 11/12 | 5,5/6  | 71430-12 |
| 13/14 | 6,5/7  | 71430-14 |
| 15/16 | 7,5/8  | 71430-16 |
| 17/18 | 8,5/9  | 71430-18 |
| 19/20 | 9,5/10 | 71430-20 |

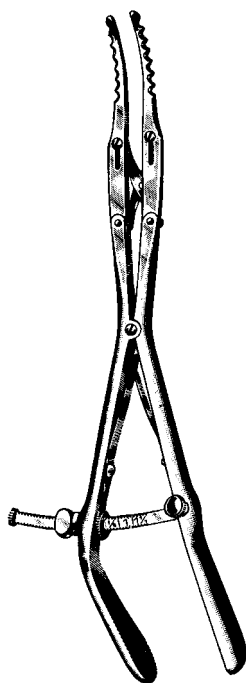
71436-06  
 Satz, set, juego, serie = 6

| Fig./U.S. | mm/Ø      | PRATT    |
|-----------|-----------|----------|
| 13/15     | 4,5/5     | 71438-13 |
| 17/19     | 5,6/6,3   | 71438-17 |
| 21/23     | 7/7,6     | 71438-21 |
| 25/27     | 8,3/9     | 71438-25 |
| 29/31     | 9,6/10,3  | 71438-29 |
| 33/35     | 11/11,6   | 71438-33 |
| 37/39     | 12,3/13   | 71438-37 |
| 41/43     | 13,6/14,3 | 71438-41 |

71438-00  
 Satz, set, juego, serie = 8



Uterus Dilatatore  
Uterine Dilators  
Dilatadores uterinos  
Dilatatori uterini

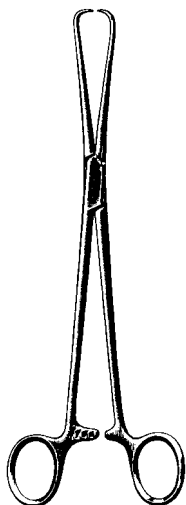


GOODELL  
71441-34  
34 cm, 13 1/2"

Hakenzangen  
 Tenaculum Forceps  
 Pinzas para coger el cuello del útero  
 Pinze per abbassare il collo dell'utero



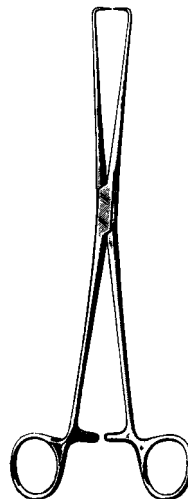
ADAIR  
 71500-18  
 19 cm, 7 1/2"



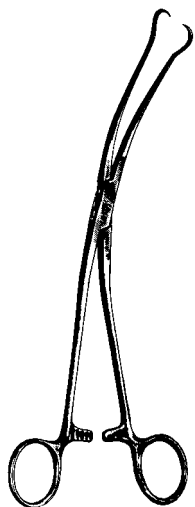
SCHRÖDER (POZZI)  
 71502-25  
 25 cm, 10"



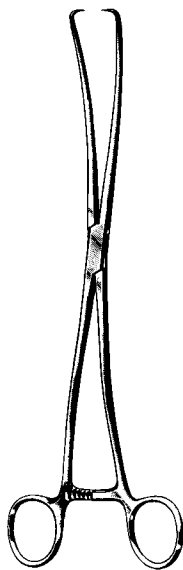
POZZI-PALMER  
 71503-25  
 25 cm, 10"



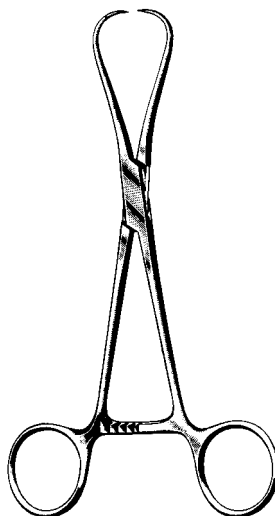
BRAUN  
 71504-25  
 25 cm, 10"



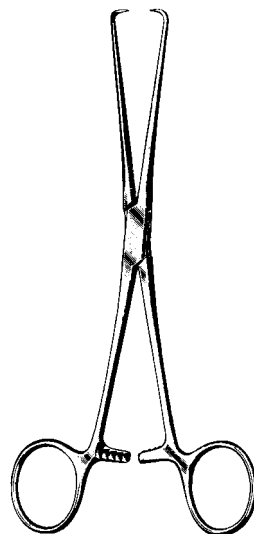
SKENE  
 71505-24  
 24 cm, 9 1/2"



DUPLAY  
 71507-28  
 28 cm, 11"

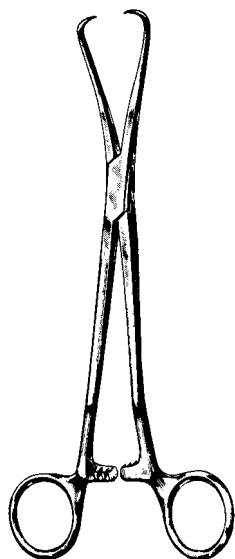


STAUDE-MOORE  
 71508-17  
 17 cm, 6 3/4"

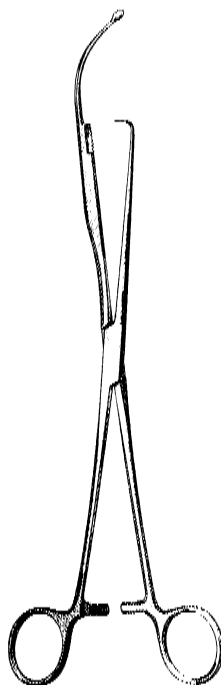


BARRETT  
 71510-18  
 18 cm, 7"

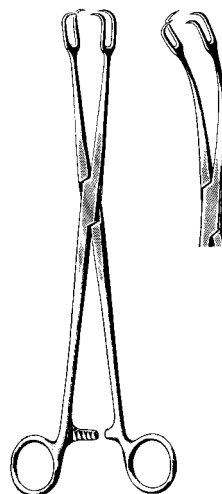
Hakenzangen  
Tenaculum Forceps, Vulsellum Forceps  
Pinzas para coger el cuello del útero  
Pinze per abbassare il collo dell'utero



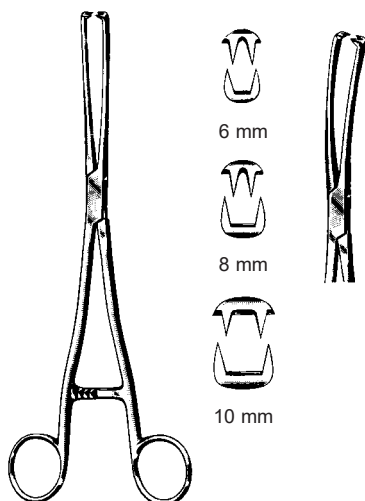
JARCHO  
71512-20  
20 cm, 8"



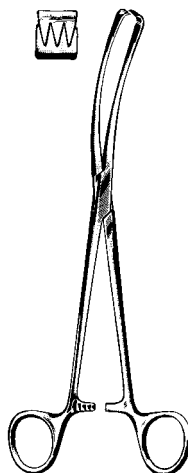
HULKA  
71512-28  
28 cm, 11"



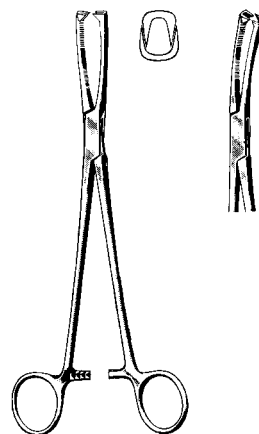
SCHRÖDER  
71514-24 71515-24  
24 cm, 9 1/2"



MUSEUX  
71524-06 6 mm 71525-06  
71524-08 8 mm 71525-08  
71524-10 10 mm 71525-10  
24 cm, 9 1/2"

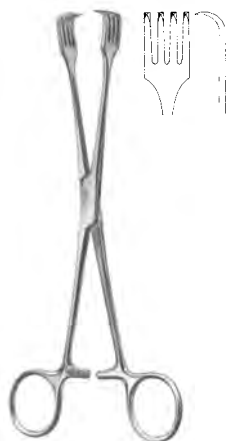


TEALE  
71531-23  
23 cm, 9"



JACOBS  
71532-21 71533-21  
21 cm, 8 1/4"

Hakenzangen  
 Tenaculum Forceps, Vulsellum Forceps  
 Pinzas para coger el cuello del útero  
 Pinze per abbassare il collo dell'utero



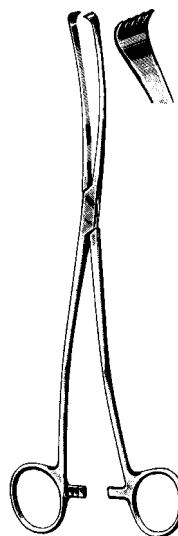
CZERNY  
 71536-21  
 20 cm, 8"



PRATT  
 71536-28  
 28 cm, 11"

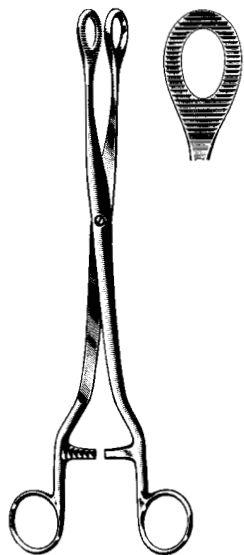


SCHRÖDER  
 71537-27  
 27 cm, 10 1/2"

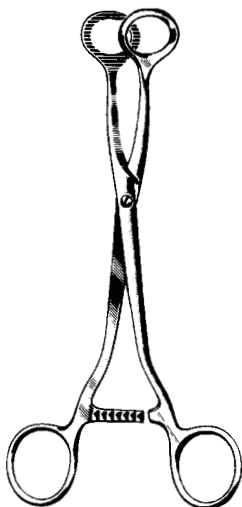


IOWA  
 71539-26  
 26 cm, 10 1/4"

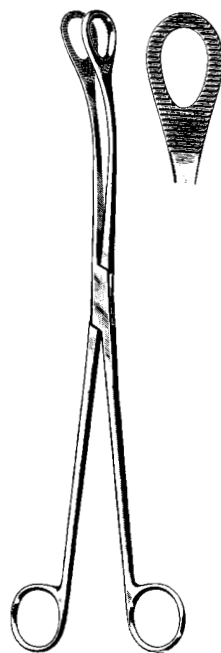
Uterus Polypenzangen, Uterus-Faßzangen  
 Uterine Polypus Forceps, Uterine Elevating Forceps  
 Pinzas para pólipos uterinos, Pinzas para el útero  
 Pinze per polipi uterini, Pinze per afferrare l'utero



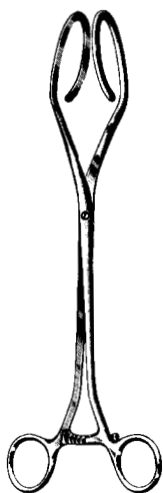
NOTO  
 71540-27  
 27 cm, 10 1/2"



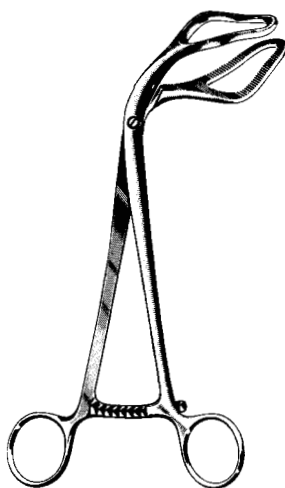
DOYEN  
 71542-20  
 20 cm, 8"



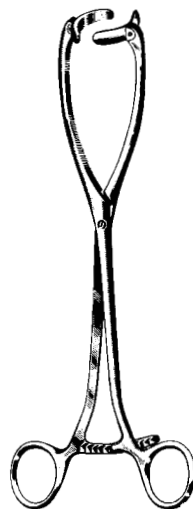
KELLY  
 71543-32  
 32 cm, 12 3/4"



DARTIGUES  
 71545-27  
 27 cm, 10 1/2"



SOMER  
 71547-23  
 23 cm, 9"



COLLIN  
 71549-25  
 25 cm, 10"

Amniotom, Uterus Depressoren, Uterus-Sonden  
 Amniotome, Uterine Depressors, Uterine Sounds  
 Amniótomo, Depresores uterinos, Histerómetros  
 Amniotomo, Depressori uterini, Isterometri



BEACHAM  
 71559-26  
 26 cm, 10 1/4"



BRAUN  
 71565-28  
 28 cm, 11"



SIMS  
 71567-26  
 26 cm, 10 1/4"



fest  
 rigid  
 rigido  
 rigida  
 SIMS  
 71580-32  
 32 cm, 12 3/4"

biegsam  
 malleable  
 maleabile  
 malleabile  
 SIMS  
 71581-32  
 32 cm, 12 3/4"



fest  
 rigid  
 rigido  
 rigida  
 MARTIN  
 71582-32  
 32 cm, 12 3/4"

biegsam  
 malleable  
 maleabile  
 malleabile  
 MARTIN  
 71583-32  
 32 cm, 12 3/4"



COLLIN  
 71584-28  
 28 cm, 11"

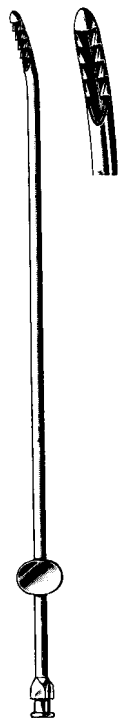


VALLEIX  
 71585-25  
 25 cm, 10"

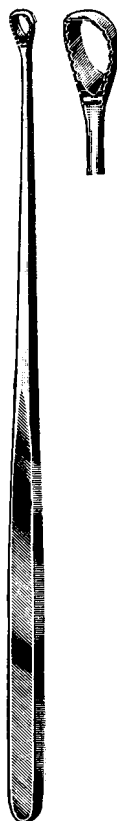
Saugküretten, Biopsieküretten  
Biopsy Currettes  
Curetas para biopsia  
Curette per biopsia



RANDALL  
71590-04  
24 cm, 9 1/2"  
Ø 4 mm



NOVAK  
71592-01 Ø 1 mm  
71592-02 Ø 2 mm  
71592-03 Ø 3 mm  
71592-04 Ø 4 mm



HEANY  
71593-00  
22,5 cm, 9"



KEVORKIAN  
4,0 mm  
30 cm, 11 3/4"



71594-40  
ohne Korb  
without basket  
sin cesta  
senza cestello



71596-40  
mit Korb  
with basket  
con cesta  
con cestello



MOD. MUENCHEN  
71598-27  
27 cm, 10 1/2"



mit Luer-Lock Ansatz  
with Luer-Lock connection  
con conexión Luer-Lock  
con raccordo Luer-Lock

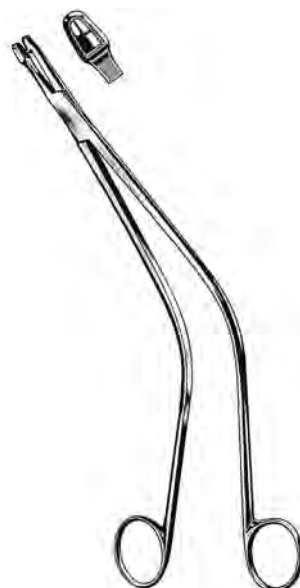
Biopsiezangen  
 Biopsy Forceps  
 Pinzas para biopsia  
 Pinze taglienti per biopsia



SCHUMACHER  
 24 cm, 9 1/2"



SCHUBERT  
 71604-21 21 cm, 8 1/4"  
 71604-28 28 cm, 11"



SCHUBERT  
 71605-26  
 26 cm, 10 1/4"



THOMS-GAYLOR  
 71606-24  
 24 cm, 9 1/2"



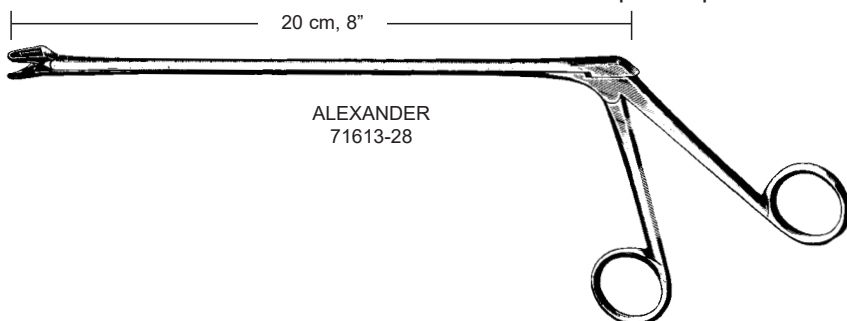
van DOREN  
 71611-25  
 25 cm, 10"



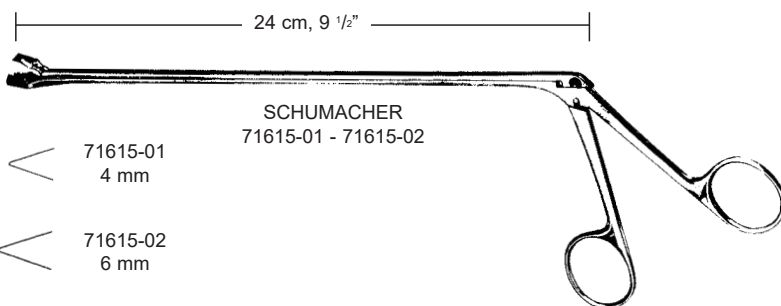
FAURE  
 71612-21  
 21 cm, 8 1/4"



Uterus Biopsiezangen  
Biopsy Specimen Forceps  
Pinzas para biopsia  
Pinze per biopsia



ALEXANDER  
71613-28



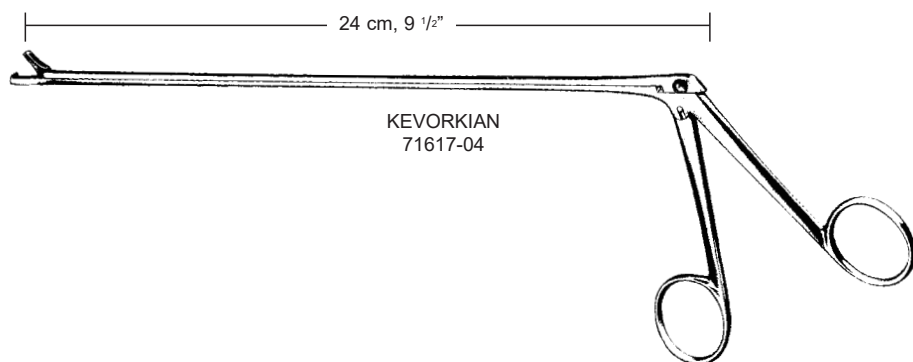
SCHUMACHER  
71615-01 - 71615-02

71615-01  
4 mm

71615-02  
6 mm



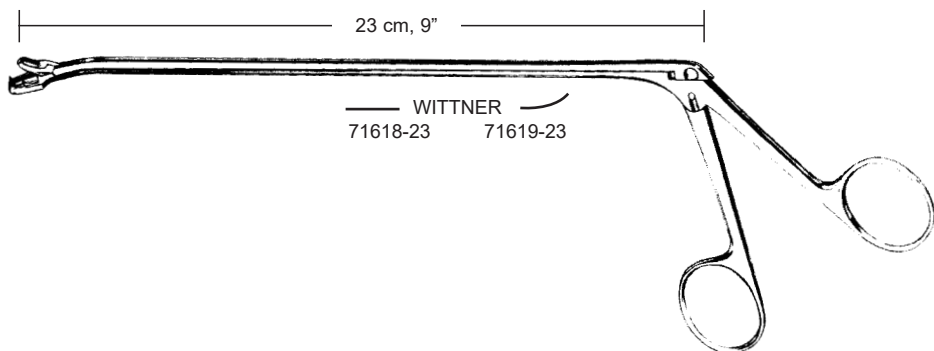
3x9,7 mm



KEVORKIAN  
71617-04

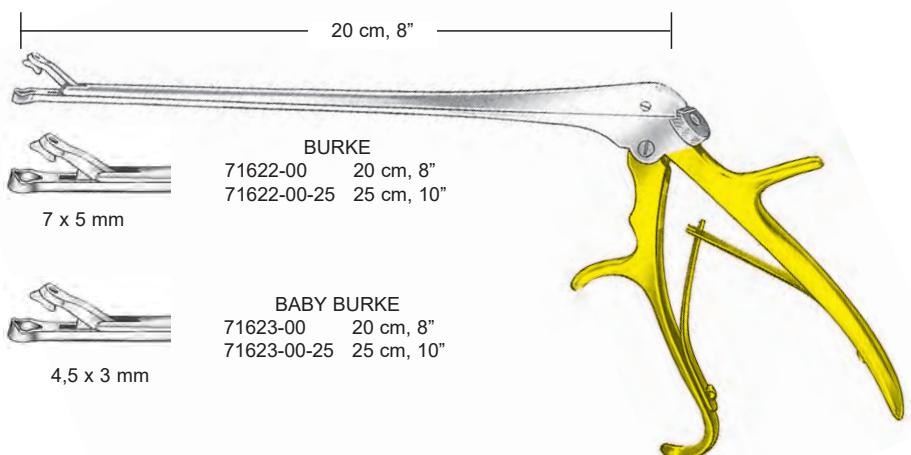
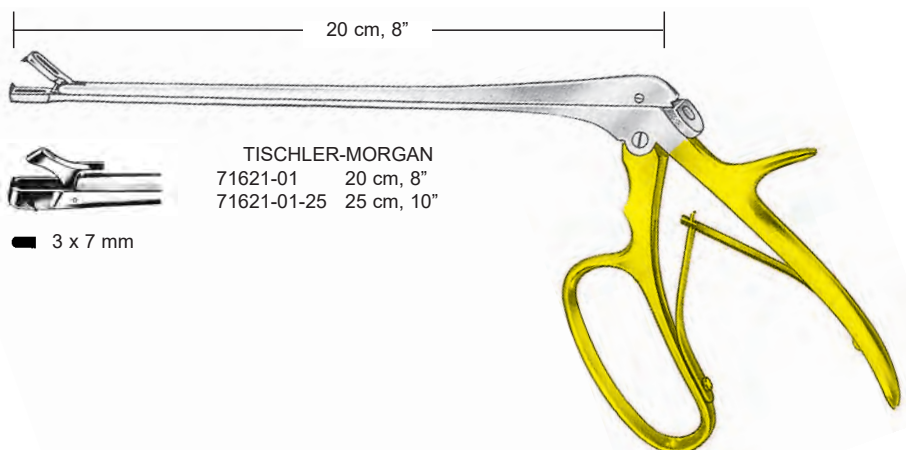
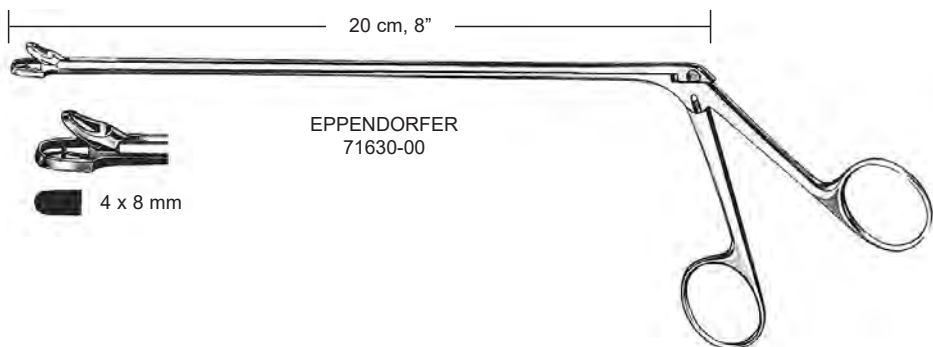


4x8 mm

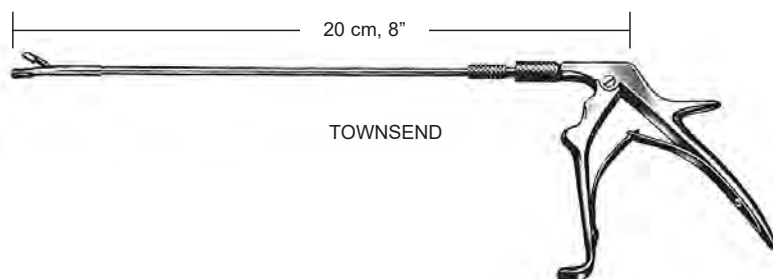


WITTNER  
71618-23 71619-23

Uterus Biopsiezangen  
 Biopsy Specimen Forceps  
 Pinzas sacabocado p. biopsia  
 Pinze per biopsia



Uterus Biopsiezangen  
Biopsy Specimen Forceps  
Pinzas sacabocado p. biopsia  
Pinze per biopsia



TOWNSEND

71624-10  
Griff allein  
Handle only  
Mango solo  
Manico solo



Fig. 1

TISCHLER-MORGAN



Fig. 6

TISCHLER-UP



Fig. 3

oval ● 3,7x5 mm



Fig. 7

TISCHLER-DOWN



Fig. 4

KEVORKIAN



Fig. 8

MINI-TOWNSEND-UP



Fig. 5

mini



Fig. 9

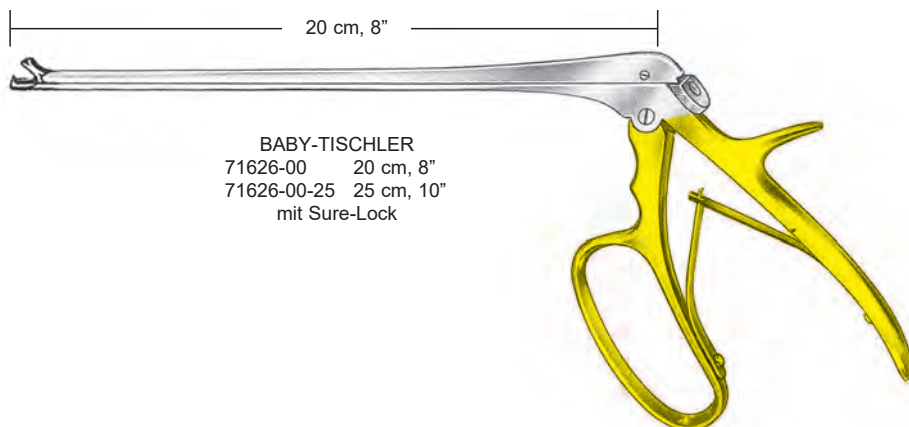
MINI-TOWNSEND-DOWN

| Fig. | komplett<br>compl. instr.<br>Instrum. compl. | Aufsatz allein<br>Tip only<br>Punta sola |
|------|----------------------------------------------|------------------------------------------|
|      | Strumento completo                           | Asta operativa sola                      |
| 1    | 71624-01                                     | 71624-11                                 |
| 3    | 71624-03                                     | 71624-13                                 |
| 4    | 71624-04                                     | 71624-14                                 |
| 5    | 71624-05                                     | 71624-15                                 |
| 6    | 71624-06                                     | 71624-16                                 |
| 7    | 71624-07                                     | 71624-17                                 |
| 8    | 71624-08                                     | 71624-18                                 |
| 9    | 71624-09                                     | 71624-19                                 |

Uterus Biopsiezangen  
 Biopsy Specimen Forceps  
 Pinzas sacabocado p. biopsia  
 Pinze per biopsia



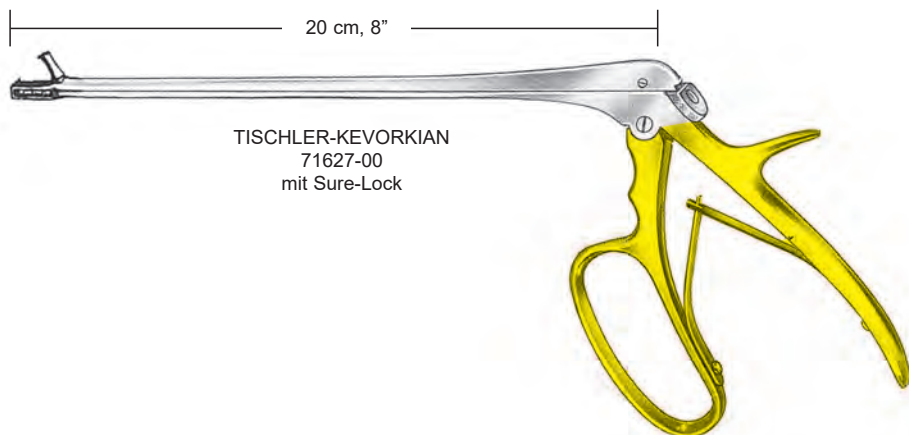
2,3 x 4,2 mm



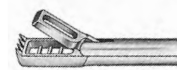
BABY-TISCHLER  
 71626-00 20 cm, 8"  
 71626-00-25 25 cm, 10"  
 mit Sure-Lock



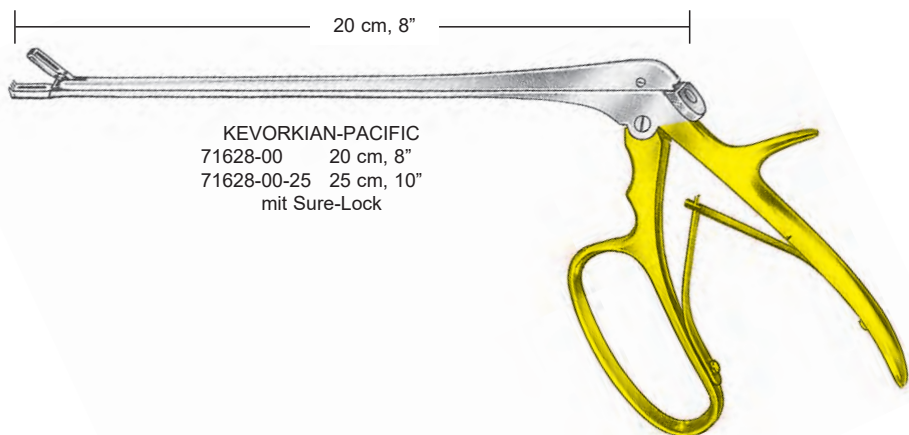
3 x 9,5 mm



TISCHLER-KEVORKIAN  
 71627-00  
 mit Sure-Lock

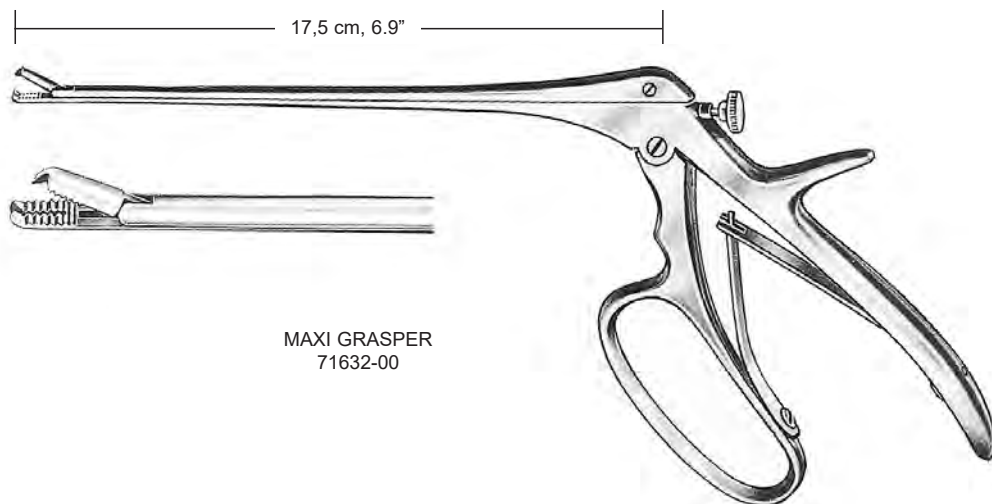


3 x 8 mm

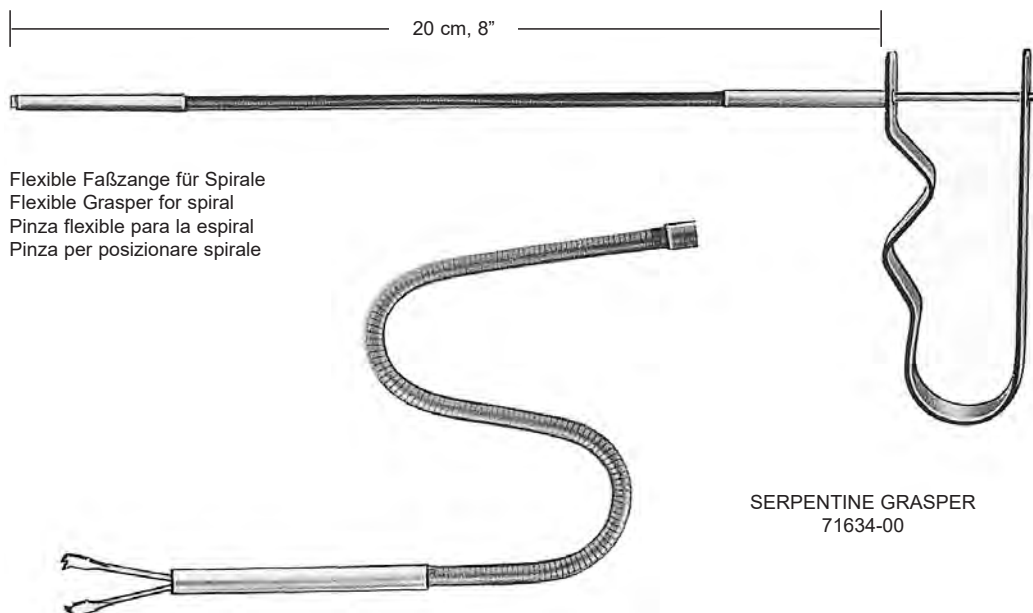


KEVORKIAN-PACIFIC  
 71628-00 20 cm, 8"  
 71628-00-25 25 cm, 10"  
 mit Sure-Lock

Uterus Biopsiezangen  
Biopsy Specimen Forceps  
Pinzas sacabocado p. biopsia  
Pinze per biopsia



MAXI GRASPER  
71632-00



Flexible Faßzange für Spirale  
Flexible Grasper for spiral  
Pinza flexible para la espiral  
Pinza per posizionare spirale

SERPENTINE GRASPER  
71634-00



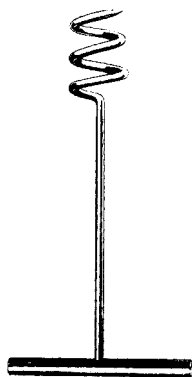
I.U.D.  
Extractor Hook  
71635-26  
26 cm, 10 1/4"

Myomheber, Fistelhäkchen, Meßinstrumente, Uteruslöffel

Myoma Screw, Fistula Hook, Measuring Instruments, Uterine Curettes

Tirabuzón para fibromas, Ganchos para fistulas, Instrumental para medir, Curetas uterinas

Tiramioni, Uncini per fistole, Strumenti per misure, Curette uterine



DOYEN  
71641-17  
17 cm, 6  $\frac{3}{4}$ "



71645-01  
Fig. 1



71645-02  
Fig. 2



71645-03  
Fig. 3

EMMET

71645-01 - 71645-03  
22 cm, 8  $\frac{3}{4}$ "



71646-01



71646-02



scharf  
sharp  
cortante  
tagliente



1



2



3



4



5



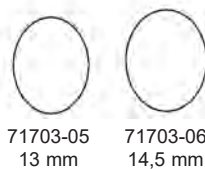
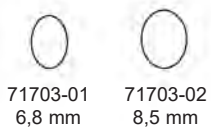
6

Fig. SIMON  
1 71702-01 6,8 mm  
2 71702-02 8,5 mm  
3 71702-03 10,0 mm  
4 71702-04 11,5 mm  
5 71702-05 13,0 mm  
6 71702-06 14,5 mm  
25 cm, 10"

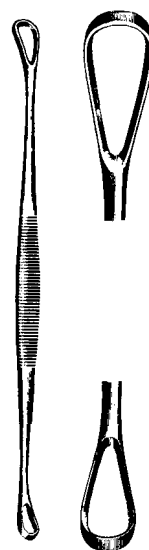
Uterus-Küretten  
Uterine Curettes  
Curetas uterinas  
Curette uterine



SCHRÖDER  
31 cm, 12 1/4"



scharf/stumpf  
sharp/blunt  
cortante/roma  
tagliante/smussa



BLAKE  
71704-27  
27 cm, 10 1/2"

Salpingograph  
Salpingograph  
Salpingógrafo  
Salpingografo

**71650-00**

SCHULTZE Salpingograph bestehend aus:

- 71650-01 1 Tubenkatheter
- 71650-02 1 Zwischenstück
- 71650-03 1 Manometer
- 71650-04 1 Kegel, klein
- 71650-05 1 Kegel, mittel
- 71650-06 1 Kegel, groß

SCHULTZE salpinogograph compl.:

- 71650-01 1 Tubal catheter only
- 71650-02 1 connecting piece
- 71650-03 1 manometer
- 71650-04 1 cone small
- 71650-05 1 cone medium
- 71650-06 1 cone large

Salpingógrafo compuesto de:

- 71650-01 1 cateter de tubo
- 71650-02 1 pieza de conexion
- 71650-03 1 manometro
- 71650-04 1 cono pequeño
- 71650-05 1 cono mediano
- 71650-06 1 cono grande

Salpingografo composto da:

- 71650-01 1 Catetere per tubo
- 71650-02 1 Raccordo
- 71650-03 1 Manometro
- 71650-04 1 Cono, piccolo
- 71650-05 1 Cono, medio
- 71650-06 1 Cono, grande

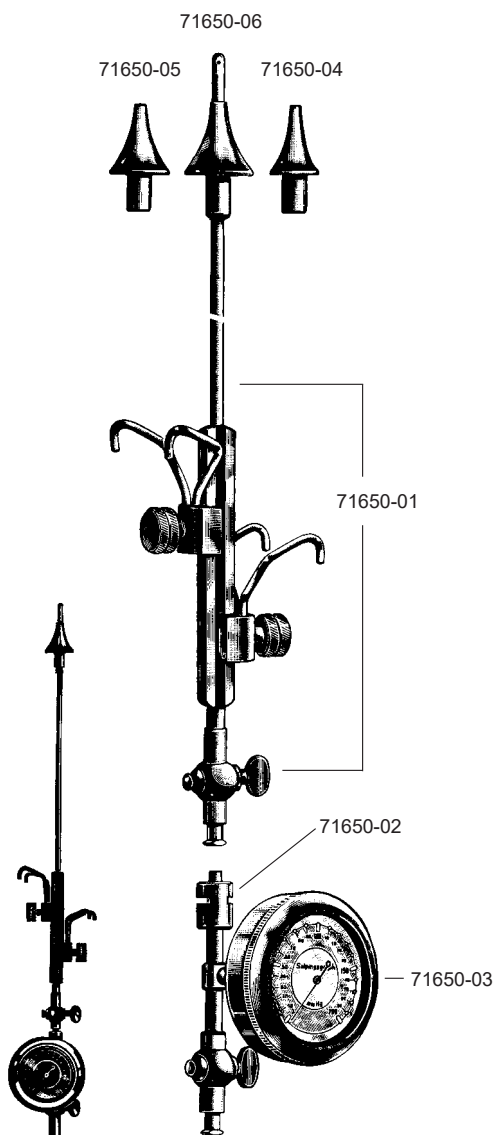
**71660-00**

Schultze Salpingograph, jedoch ohne  
Manometer

Schultze Salpingograph without  
manometer

Schultze Salpingografo sin manometro

Schultze Salpingografo senza  
manometro



SCHULTZE  
71650-00  
compl.

im Etui  
in case  
en estuche  
in astuccio



Uterus-Küretten  
Uterine Curettes  
Curetas uterinas  
Curette Uterine



SIMS

71710-05 - 71717-14  
28 cm, 11"

|              | scharf<br>sharp<br>cort.<br>tagl. | Fig. | mm   | stumpf<br>blunt<br>roma<br>smussa |
|--------------|-----------------------------------|------|------|-----------------------------------|
| fest<br>rig. | 71710-05                          | 00   | 5,0  | 71715-05                          |
|              | 71710-06                          | 0    | 6,0  | 71715-06                          |
|              | 71710-07                          | 1    | 7,5  | 71715-07                          |
|              | 71710-08                          | 2    | 8,5  | 71715-08                          |
|              | 71710-09                          | 3    | 10,0 | 71715-09                          |
|              | 71710-11                          | 4    | 11,5 | 71715-11                          |
|              | 71710-12                          | 5    | 13,5 | 71715-12                          |
|              | 71710-14                          | 6    | 14,5 | 71715-14                          |
| flexibel     | 71712-05                          | 00   | 5,0  | 71717-05                          |
| flexible     | 71712-06                          | 0    | 6,0  | 71717-06                          |
| fless.       | 71712-07                          | 1    | 7,5  | 71717-07                          |
|              | 71712-08                          | 2    | 8,5  | 71717-08                          |
|              | 71712-09                          | 3    | 10,0 | 71717-09                          |
|              | 71712-11                          | 4    | 11,5 | 71717-11                          |
|              | 71712-12                          | 5    | 13,5 | 71717-12                          |
|              | 71712-14                          | 6    | 14,5 | 71717-14                          |



RECAMIER

71720-05 - 71727-20  
31 cm, 12 1/4"

|              | scharf<br>sharp<br>cort.<br>tagl. | Fig. | mm | stumpf<br>blunt<br>roma<br>smussa |
|--------------|-----------------------------------|------|----|-----------------------------------|
| fest<br>rig. | 71720-05                          | 00   | 5  | 71725-05                          |
|              | 71720-06                          | 0    | 6  | 71725-06                          |
|              | 71720-07                          | 1    | 7  | 71725-07                          |
|              | 71720-08                          | 2    | 8  | 71725-08                          |
|              | 71720-09                          | 3    | 9  | 71725-09                          |
|              | 71720-11                          | 4    | 11 | 71725-11                          |
|              | 71720-12                          | 5    | 12 | 71725-12                          |
|              | 71720-14                          | 6    | 14 | 71725-14                          |
|              | 71720-15                          | 7    | 15 | 71725-15                          |
|              | 71720-16                          | 8    | 16 | 71725-16                          |
|              | 71720-19                          | 9    | 19 | 71725-19                          |
|              | 71720-20                          | 10   | 20 | 71725-20                          |
| flexibel     | 71722-05                          | 00   | 5  | 71727-05                          |
| flexible     | 71722-06                          | 0    | 6  | 71727-06                          |
| fless.       | 71722-07                          | 1    | 7  | 71727-07                          |
|              | 71722-08                          | 2    | 8  | 71727-08                          |
|              | 71722-09                          | 3    | 9  | 71727-09                          |
|              | 71722-11                          | 4    | 11 | 71727-11                          |
|              | 71722-12                          | 5    | 12 | 71727-12                          |
|              | 71722-14                          | 6    | 14 | 71727-14                          |
|              | 71722-15                          | 7    | 15 | 71727-15                          |
|              | 71722-16                          | 8    | 16 | 71727-16                          |
|              | 71722-19                          | 9    | 19 | 71727-19                          |
|              | 71722-20                          | 10   | 20 | 71727-20                          |

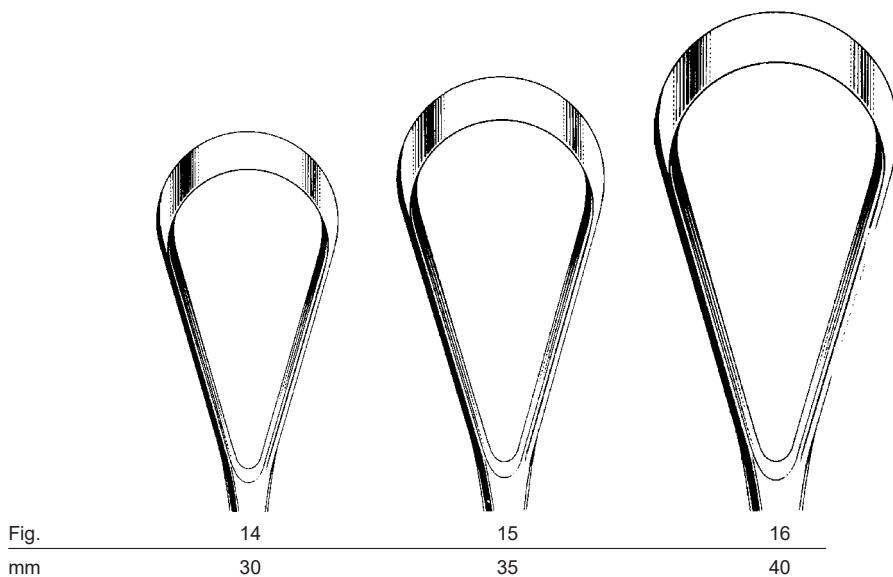
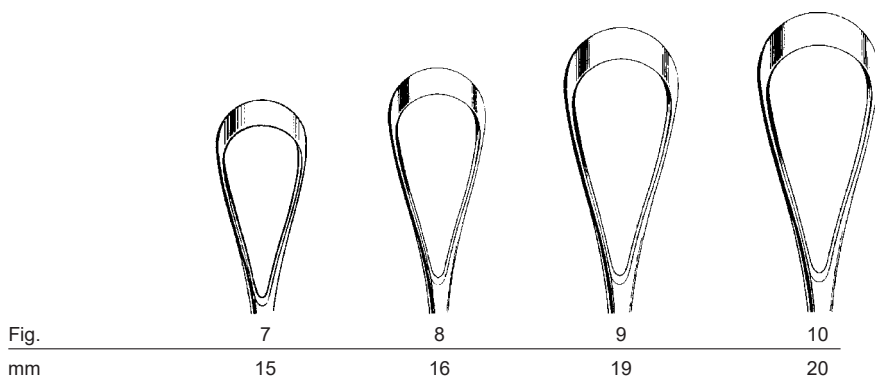
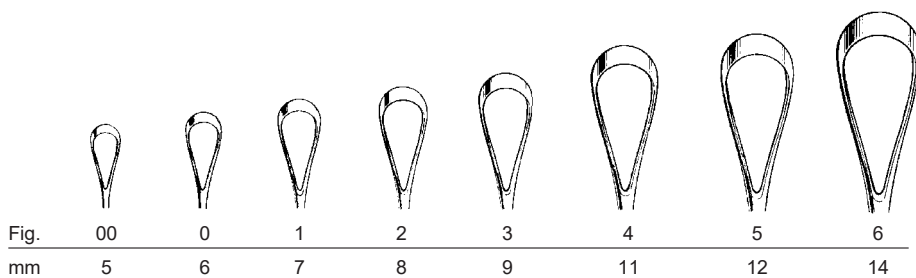


BUMME

71730-30 - 71737-40  
35 cm, 13 3/4"

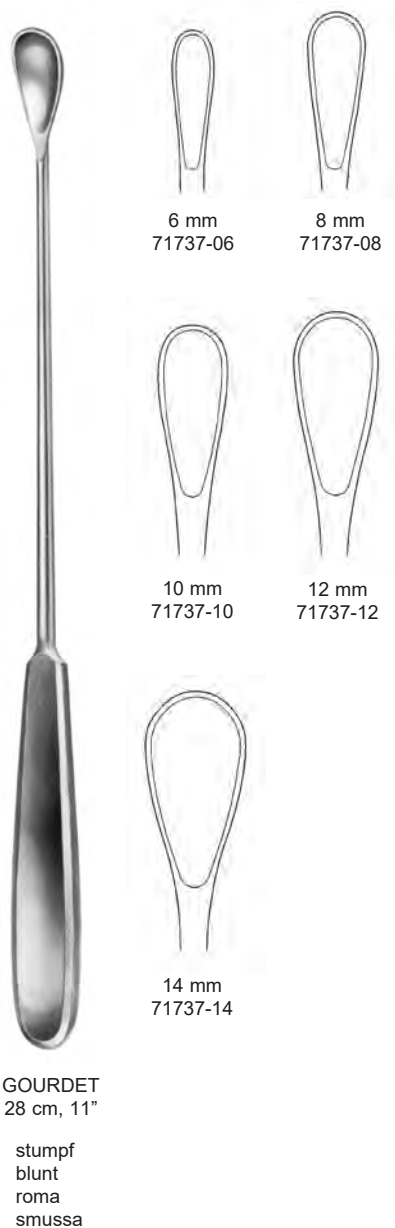
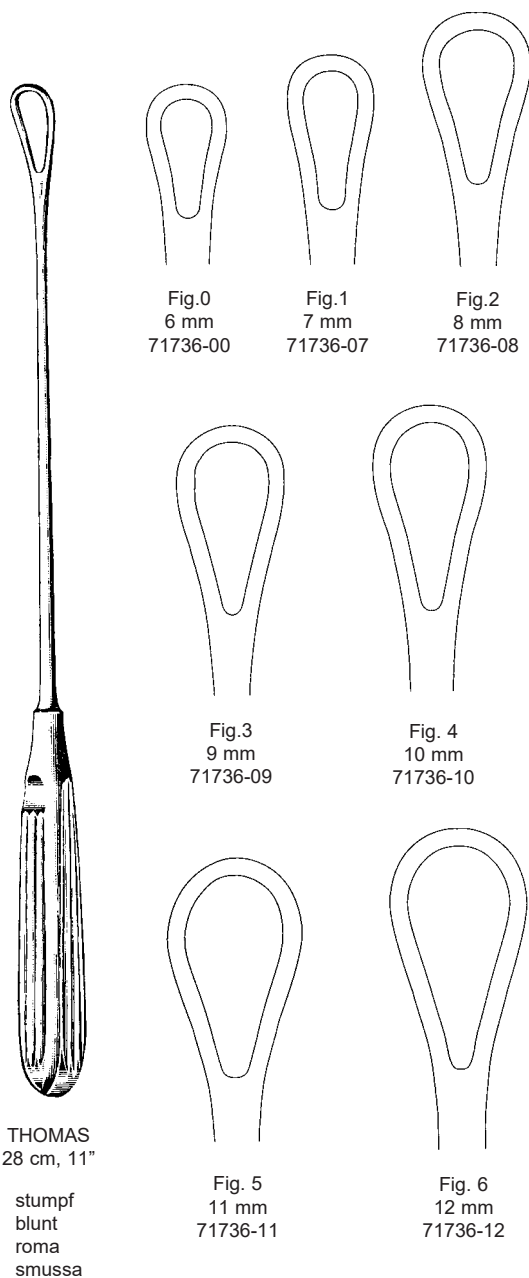
|              | scharf<br>sharp<br>cort.<br>tagl. | Fig. | mm | stumpf<br>blunt<br>roma<br>smussa |
|--------------|-----------------------------------|------|----|-----------------------------------|
| fest<br>rig. | 71730-30                          | 14   |    | 71735-30                          |
|              | 71730-35                          | 15   |    | 71735-35                          |
|              | 71730-40                          | 16   |    | 71735-40                          |
| flexibel     | 71732-30                          | 14   |    | 71737-30                          |
| flexible     | 71732-35                          | 15   |    | 71737-35                          |
| fless.       | 71732-40                          | 16   |    | 71737-40                          |

Uterus-Küretten  
 Uterine Curettes  
 Curetas uterinas  
 Curette uterine

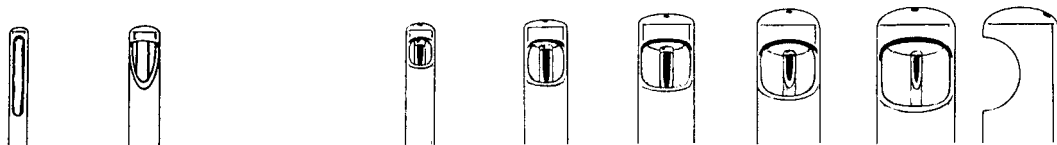


SIMS  
 RECAMIER  
 BUMM  
 71710-05 - 71737-40

Uterus-Küretten  
Uterine Curettes  
Curetas uterinas  
Curette uterine



Biopsie- und Absaugküretten, Schlauch-Verbindungsstück  
 Specimen and Aspirating Curettes, Hose connecting piece  
 Curetas para biopsia y aspiración, Pieza conexión para tubos  
 Curette di aspirazione per biopsia, Raccordo di connessione per tubi



71803-03  
3 mm Ø

71803-04  
4,5 mm Ø

71803-06  
6 mm Ø

71803-08  
8 mm Ø

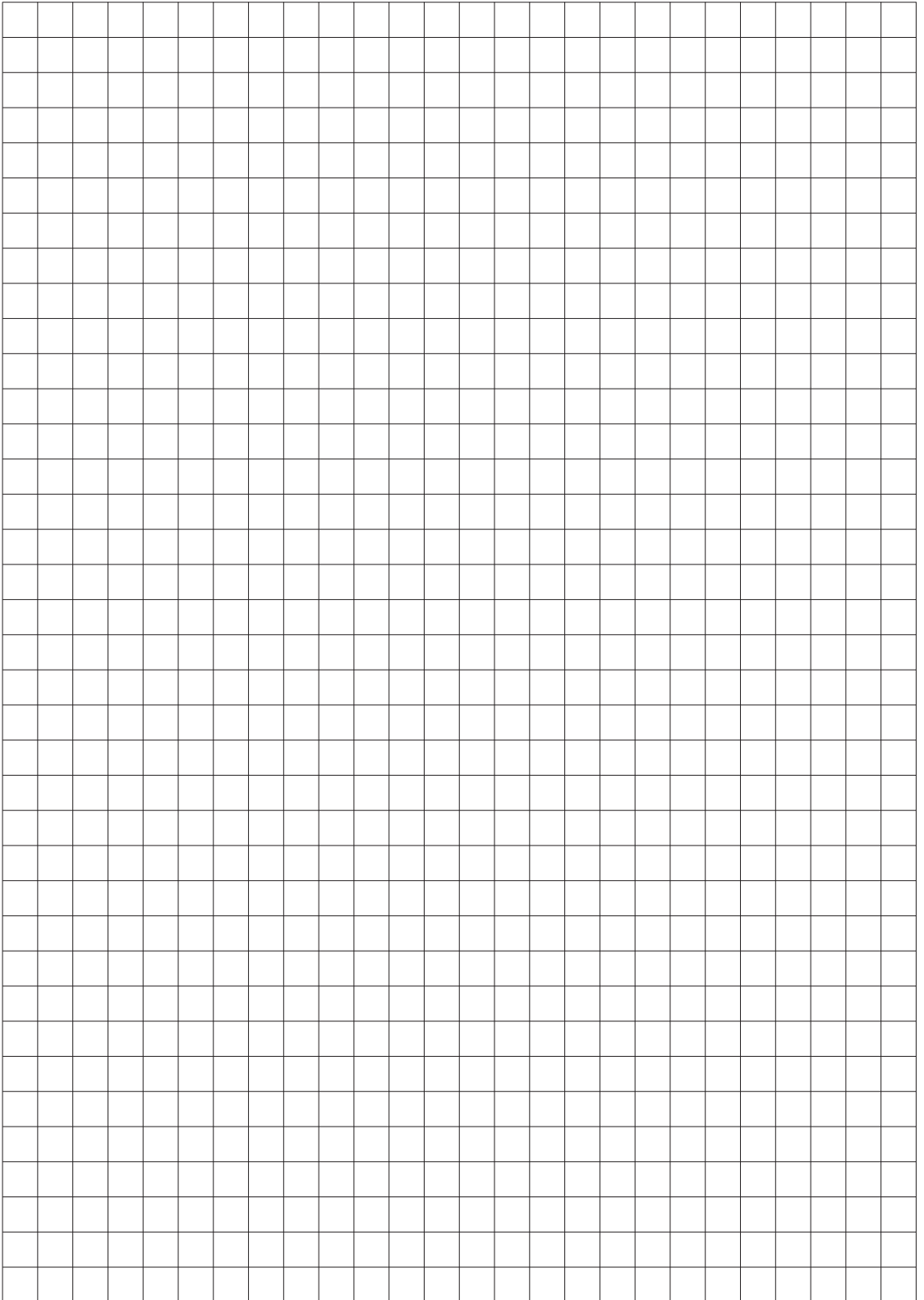
71803-10  
10 mm Ø

71803-12  
12 mm Ø

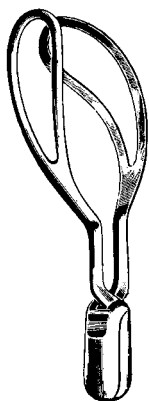
71803-14  
14 mm Ø



71803-15



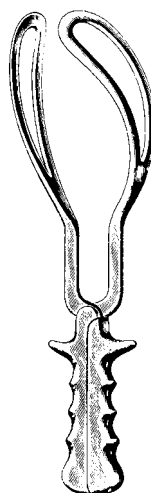
Geburtszangen  
Obstetrical Forceps  
Forceps obstétricos  
Forcipi



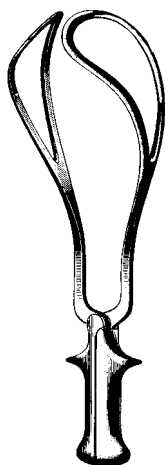
WRIGLEY  
73101-23  
23 cm, 9"



SIMPSON  
73102-30  
30 cm, 11 3/4"



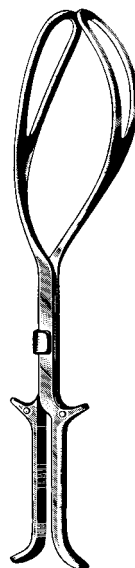
SIMPSON-BRAUN  
73105-33 33 cm, 13"  
73105-36 36 cm, 14"



De LEE  
73107-30  
30 cm, 11 3/4"



De LEE  
73108-36  
36 cm, 14"

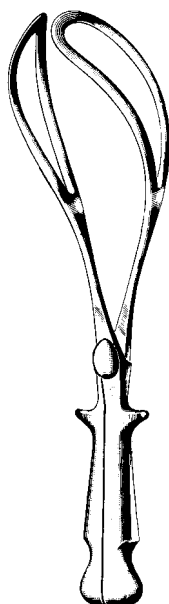


KIELLAND  
73110-41  
41 cm, 16"

Geburtszangen  
Obstetrical Forceps  
Forceps obstétricos  
Forcipi



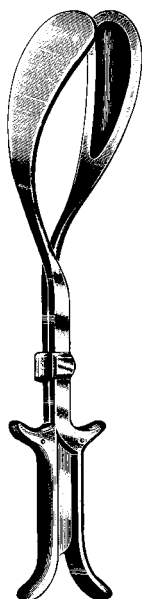
ELLIOT  
73115-32 32 cm, 12  $\frac{3}{4}$ "



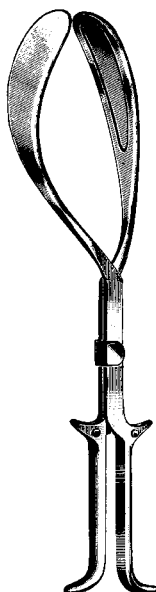
NAEGELE  
73119-36 36 cm, 14"  
73119-40 40 cm, 15  $\frac{3}{4}$ "



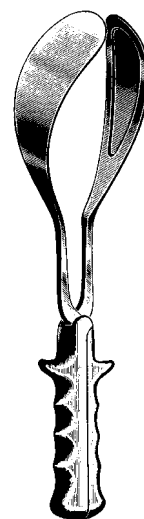
THIERRY  
73123-39 39 cm, 15  $\frac{1}{2}$ "



LUIKART  
73125-40  
40 cm, 15  $\frac{3}{4}$ "

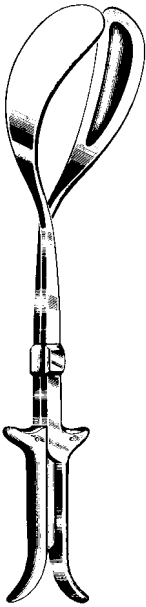


KIELLAND-LUIKART  
73127-40  
40 cm, 15  $\frac{3}{4}$ "

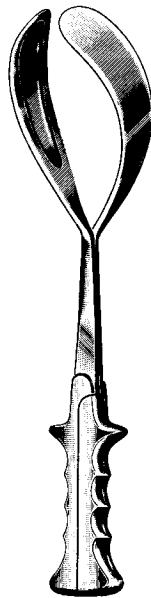


SIMPSON-LUIKART  
73135-36  
36 cm, 14"

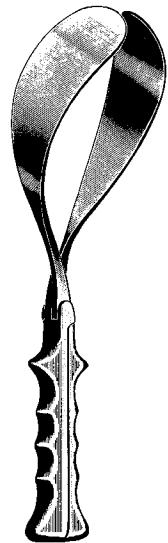
Geburtszangen  
Obstetrical Forceps  
Forceps obstétricos  
Forcipi



McLEAN-TUCKER-LUIKART  
73139-40  
40 cm, 15 3/4"

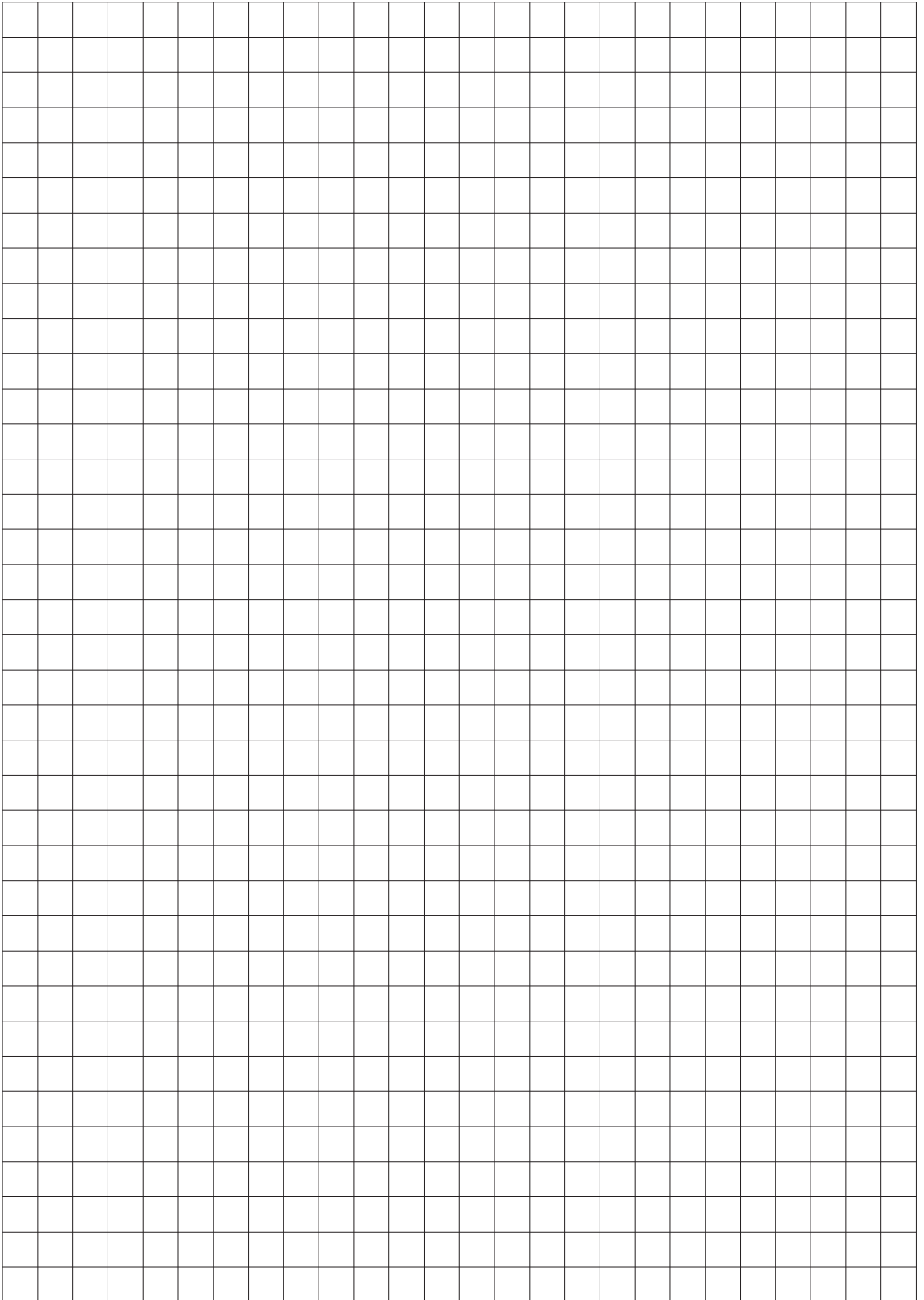


McLEAN-LUIKART  
73143-39  
39 cm, 15 1/2"

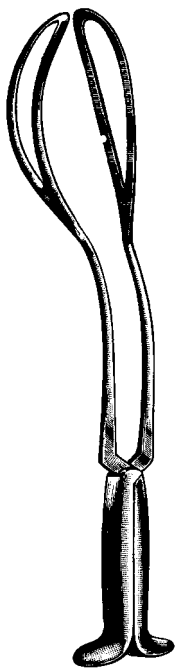


McLEAN  
73145-36  
36 cm, 14"

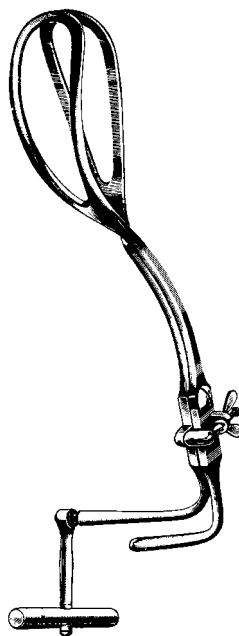




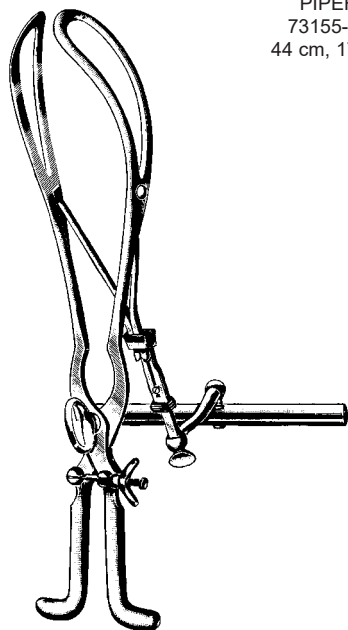
Geburtszangen, Zughebel  
 Obstetrical Forceps, Traction handles  
 Forceps obstétricos, Dispositivos de tracción  
 Forcipi, Leve per trazione



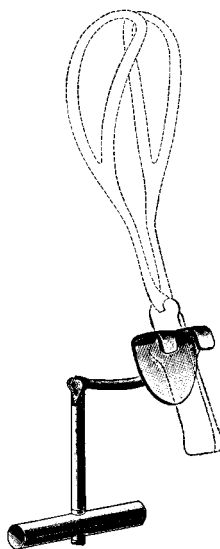
PIPER  
 73155-44  
 44 cm, 17 1/4"



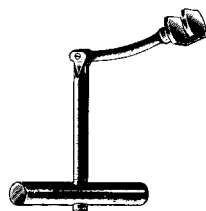
PIPER  
 73157-40  
 40 cm, 15 3/4"



TARNIER  
 73162-40  
 40 cm, 15 3/4"



BILL  
 73170-00  
 21 cm, 8 1/4"

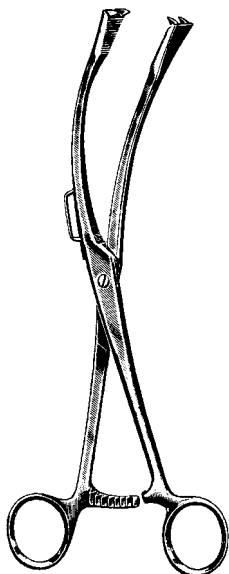


LUIKART-BILL  
 73171-21  
 21 cm, 8 1/4"

Geburtshaken, Kopfschwartzangen, Uterus-Klemmzange, Nabelschnurklemmen, Beckenzirkel  
 Scalp flap forceps, Uterine haemostatic forceps, Umbilical cord clamps, Pelvimeters  
 Pinzas para cuero cabelludo, Pinzas-clamps uterinas para hemóstasis, Clamp umbilical, Pelvímetros  
 Pinza per il cuoio capelluto, Pinza uterina, Pinza ombelicale, Pelvimetri



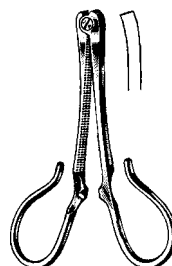
**SPELLIE**  
 73181-33  
 33 cm, 13"



**GAUSS**  
 73183-27  
 27 cm, 10 1/2"



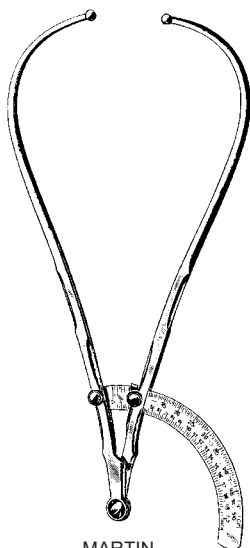
**GREEN-ARMYTAGE**  
 73184-21  
 21 cm, 8 1/4"



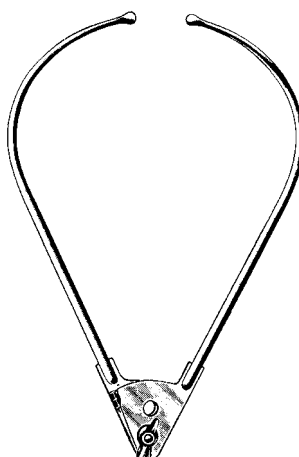
**KANE**  
 73189-09  
 8,5 cm, 3 1/4"



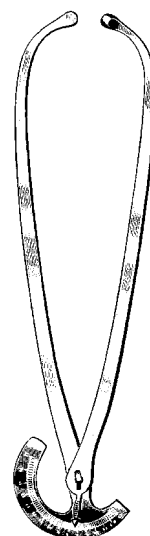
**COLLIN**  
 73187-09  
 9 cm, 3 1/2"



**MARTIN**  
 73191-34  
 34 cm, 13 1/2"

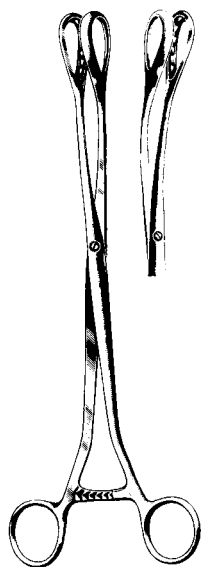


**COLLIER**  
 73193-30  
 30 cm, 11 3/4"

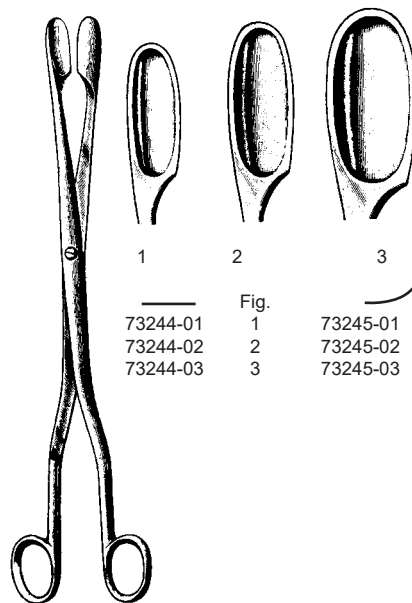


**COLLIN**  
 73195-35  
 35 cm, 14"

Abortuszangen, Abortuslöffel  
Ovum Forceps, Abortion Scoops  
Pinzas para aborto, Cucharillas para aborto  
Ostetricia, Curette per aborto

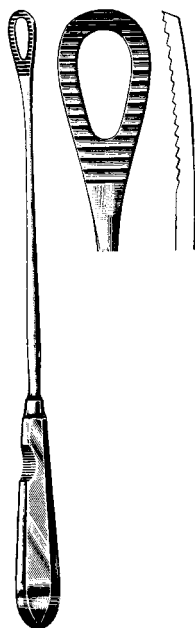


SAENGER  
73242-27 73243-27  
27 cm, 10 ½"

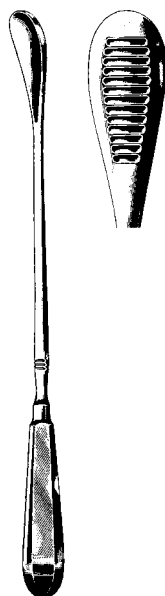


WINTER  
73244-01 - 73245-03  
28 cm, 11"

|          |      |          |
|----------|------|----------|
|          | Fig. |          |
| 73244-01 | 1    | 73245-01 |
| 73244-02 | 2    | 73245-02 |
| 73244-03 | 3    | 73245-03 |



PESTALOZZA  
73252-30  
30 cm, 11 ¾"



CUZZI  
73254-14 - 73254-21  
30 cm, 11 ¾"



73254-14  
14,5 mm



73254-18  
18 mm



73254-21  
21 mm

Abortuslöffel, Geburtslöffel, Basiotrip, Perforatorium, Dekapitationshaken  
 Abortion Scoops, Elevating Spoon, Basiotribe, Perforators, Decapitating hook  
 Cucharillas para aborto, Separador obstetrico, Basiotribo, Perforacráneos, Gancho para decapitación  
 Curette per aborto, Cucchiaino Ostetrico, Basiotribo, spezzacrani, Uncino per decapitazione



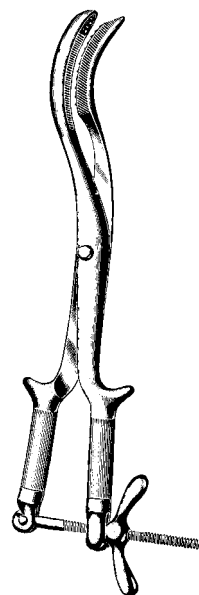
stumpf  
 blunt  
 roma  
 smussa



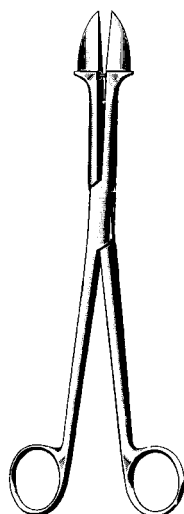
WALLICH  
 73256-42  
 42 cm, 16 1/2"



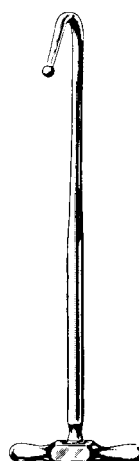
SELLHEIM  
 73259-28  
 28 cm, 11"



BRAUN  
 73302-42  
 42 cm, 16 1/2"



SPELLIE  
 73306-25  
 25 cm, 10"



BRAUN  
 73309-30  
 30 cm, 11 3/4"

Hauthäkchen, Komedonenquetscher, Lupusküretten, Hautküretten, Haut-Trephinen  
 Skin hooks, Comedone extractors, Lupus curettes, Skin curettes, Cutaneous punches  
 Ganchos cutáneos, Saca comedones, Curetas para lupus, Curetas cutáneas, Trépanos cutáneos  
 Uncini cutanei, Schiaccia comedoni, Curette per lupus, Curette cutanee, Trefine cutanee



KILNER  
75103-15  
15 cm, 6"



SCHAMBERG  
75111-10  
10 cm, 4"



UNNA  
75113-14  
14 cm, 5 1/2"



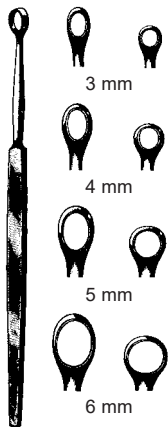
UNNA  
75115-14  
14 cm, 5 1/2"



WALTON  
75118-14  
14 cm, 5 1/2"

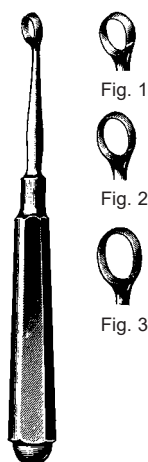


SAALFELD  
75121-10  
10 cm, 4"

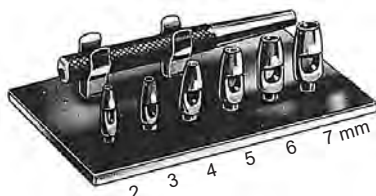


14 cm, 5 1/2"

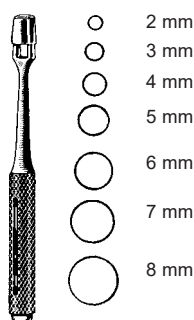
| FOX           | FOX           |
|---------------|---------------|
| 75128-01 1 mm | 75129-01 1 mm |
| 75128-02 2 mm | 75129-02 2 mm |
| 75128-03 3 mm | 75129-03 3 mm |
| 75128-04 4 mm | 75129-04 4 mm |
| 75128-05 5 mm | 75129-05 5 mm |
| 75128-06 6 mm | 75129-06 6 mm |



PIFFARD  
14,5 cm, 5 1/2"  
75130-01 Fig. 1  
75130-02 Fig. 2  
75130-03 Fig. 3

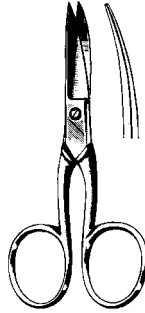


75138-00  
Satz komplett mit 6 Aufsätzen  
Set complete with 6 tips  
Juego con 6 puntas  
Serie completa con 6 trefini



KEYES  
10 cm, 4"  
75140-02 2 mm  
75140-03 3 mm  
75140-04 4 mm  
75140-05 5 mm  
75140-06 6 mm  
75140-07 7 mm  
75140-08 8 mm

Nagelzangen, -Scheren  
Nail Nippers, Scissors  
Alicates corta-uñas  
Tronchesini forbici per unghie



75304-10 10 cm, 4" 75305-10



75331-14  
14 cm, 5 1/2"  
stainless

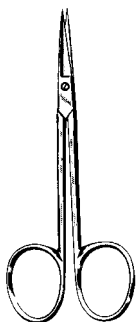


TURNBULL  
75341-11 11,5 cm, 4 1/2"  
75341-13 13,5 cm, 5 1/4"  
stainless

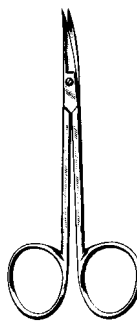
Nagelhautzangen, Hautscheren  
Cuticle Nippers, Cuticle Scissors  
Pinzas y Tijeras cuticulares  
Tronchesine per unghie e pelle



75373-10  
10,5 cm, 4"



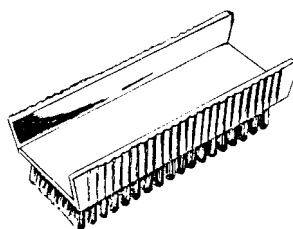
75378-10  
10 cm, 4"



75379-10  
10 cm, 4"



Handwaschbürsten  
Nail brushes  
Cepillo para uñas  
Spazzole per unghie



75397-00

Pack. à 10 St.  
Box of 10 pcs  
caja de 10 pzas.  
confezione da 10 pezzi

Hygiene  
Hygiene  
Higiene  
Igiene



PROBE AND PACKER  
75450-00  
14,5 cm, 5<sup>3</sup>/<sub>4</sub>"



SPATULA AND PACKER  
75440-00  
14,5 cm, 5<sup>3</sup>/<sub>4</sub>"



mit Loch, with hole,  
con agujero, con foro

75430-12 = 1,5 mm + 2,0 mm  
75430-13 = 1,5 mm + 2,5 mm  
13,5 cm, 5"



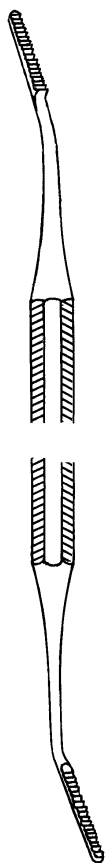
14,5 cm, 5<sup>3</sup>/<sub>4</sub>"  
ohne Loch, without hole,  
sin agujero, senza foro

75400-01 = 1,0 mm  
75400-02 = 1,5 mm  
75400-03 = 2,0 mm  
75400-04 = 2,5 mm

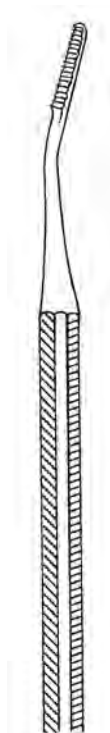
mit Loch, with hole,  
con agujero, con foro

75410-01 = 1,0 mm  
75410-02 = 1,5 mm  
75410-03 = 2,0 mm  
75410-04 = 2,5 mm

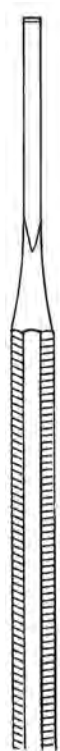
Hygiene  
Hygiene  
Higiene  
Igiene



75410-15  
17,5 cm, 6 <sup>3</sup>/<sub>4</sub>"



75420-15  
15 cm, 6"



75430-01  
12,5 cm, 5"



75440-11  
11,5 cm, 4 <sup>1</sup>/<sub>2</sub>"



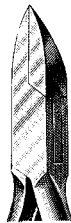
INGROWN  
75445-12  
12,5 cm, 5"

Nagelzangen  
Nail Nippers  
Alicates corta-uñas  
Tronchesini per unghie

stainless steel



75450-13  
concave



75460-13  
gerade  
straight  
recto  
retta

14,5 cm, 5 3/4"

stainless steel



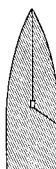
75470-11  
10 cm  
4"



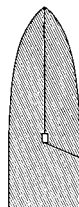
75475-11  
11,5 cm  
4 1/2"



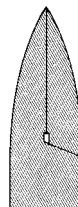
75480-13  
12,5 cm  
5"



fine  
75485-13  
12,5 cm  
5"



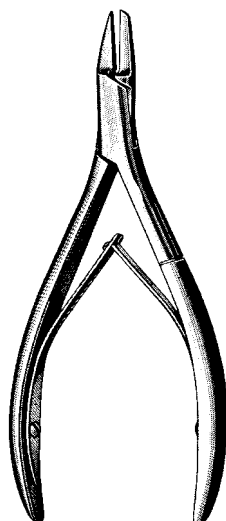
75490-15  
15 cm  
6"



fine  
75500-15  
15 cm  
6"

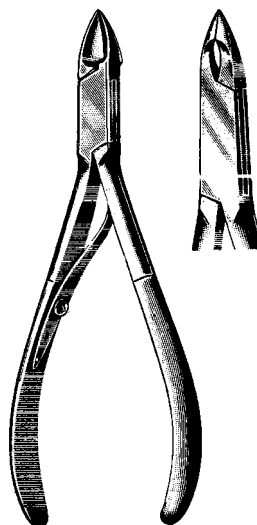
Nagelzangen  
Nail Nippers  
Alicates corta-uñas  
Tronchesini per unghie

stainless steel



ANVIL  
75550-13  
13 cm, 5 1/8"

stainless steel

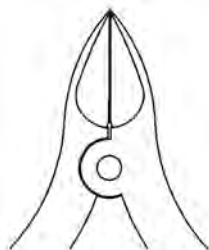


75600-10 10 cm, 4"  
75600-13 13 cm, 5 1/8"

stainless steel



75618-15  
15,2 cm, 6"



gerade  
straight

stainless steel



75620-15  
15,5 cm, 6"



concave

Nagelzangen, Nagelspaltscheren  
Nail Nippers, Nail splitting scissors  
Alicates corta-uñas, Tijeras para hender uñas  
Tronchesini per unghie, Forbici per staccare unghie

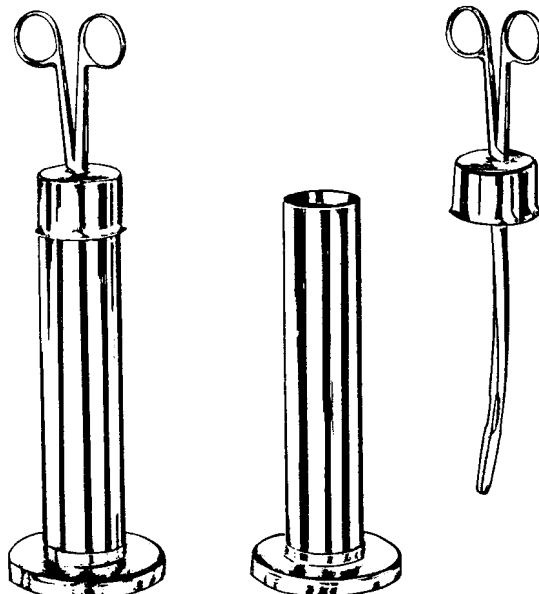


75630-12  
12 cm, 4 <sup>3</sup>/<sub>4</sub>"



75640-15  
15 cm, 6"

Kappenzangen, Nadel-Sterilisierkästen  
Sterilizing Forceps, Needle Sterilizing cases  
Combinacion tapa-pinza, Estuches para esterilizar agujas  
Pinza coperchio, Scatole per sterilizzare aghi



89111-25 25 cm, 10"  
89111-32 32 cm, 12<sup>3/4</sup>"



89112-65  
65 x 15 mm



89113-65



89114-00  
150 x 95 x 13 mm

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