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Ausgabe Nr. 8
Datum: 02/2014

Charrière (Ch) French (F)	Durchmesser in mm	Inches	Gauge (G)	Durchmesser in mm	Inches
1	0,33	0,013	35	0,13	0,005
2	0,67	0,025	34	0,18	0,007
3	1,00	0,039	33	0,20	0,008
4	1,33	0,051	32	0,23	0,009
5	1,67	0,065	31	0,25	0,010
6	2,00	0,0787	30	0,30	0,012
7	2,33	0,092	29	0,33	0,013
8	2,67	0,105	28	0,36	0,014
9	3,00	0,1181	27	0,41	0,016
10	3,33	0,131	26	0,46	0,018
11	3,67	0,144	25	0,51	0,020
12	4,00	0,1575		0,53	0,021
13	4,33	0,170	24	0,56	0,022
14	4,67	0,184	23	0,64	0,025
15	5,00	0,1968	22	0,71	0,028
16	5,33	0,210	21	0,81	0,032
17	5,67	0,223	20	0,89	0,035
18	6,00	0,2362		0,97	0,038
19	6,33	0,249	19	1,07	0,042
20	6,67	0,263	18	1,27	0,050
21	7,00	0,2756	17	1,50	0,059
22	7,33	0,288	16	1,65	0,065
23	7,67	0,302	15	1,83	0,072
24	8,00	0,3150	14	2,11	0,083
25	8,33	0,328	13	2,41	0,095
26	8,67	0,341	12	2,77	0,109
27	9,00	0,3543	11	3,05	0,120
28	9,33	0,367	10	3,40	0,134
29	9,67	0,380	9	3,76	0,148
30	10,00	0,3973	8	4,19	0,165
31	10,33	0,407	7	4,57	0,180
32	10,67	0,420	6	5,16	0,203
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			

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.

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.

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.

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.

Arbeitsanweisung

Aufbereitung (Reinigung) und Sterilisation von resterilisierbaren chirurgischen Instrumenten

DIN EN ISO 17664:2004 (D)

Hersteller:
REDA Instrumente GmbH, Gänsäcker 34
78532 Tuttlingen

Alle von Reda gelieferten wieder verwendbaren Instrumente wurden ausschließlich für den chirurgischen Gebrauch konstruiert und dürfen zu keinen anderen Zwecken benutzt werden. Unsachgemäße Handhabung und sorglose Pflege sowie zweckentfremdeter Gebrauch können zu vorzeitigem Verschleiß der Instrumente führen. Die Produkte sind bei der Auslieferung nicht sterilisiert.

Reinigungsvorbereitung

Fabrikneue Instrumente müssen vor der ersten Anwendung den gesamten Aufbereitungsprozess durchlaufen. Instrumente unmittelbar nach Anlieferung aus den Folienverpackungen entnehmen und in trockenen Räumen bei gleichbleibender Raumtemperatur luftoffen lagern, um Kondensationsbildung zu vermeiden. Die Instrumente keinen Sonnenlichteinstrahlungen oder Dämpfen durch Chemikalien (Säuren oder scharfe Reinigern) aussetzen. Vor der ersten Sterilisation alle Schutzkappen und Folien vollständig entfernen und anschließend reinigen.

Gebrauchte Instrumente unmittelbar nach Beendigung des Eingriffs von Blut, Gewebe und Arzneimittel reinigen. Instrumente in eine freigegebene Lösung eines kombinierten Reinigungs- und Desinfektionsmittels, das keine proteinfixierende Wirkung besitzt, einlegen. Dosierung des Herstellers beachten. Nicht in NaCl Lösung einlegen, ansonsten Gefahr für Loch- bzw. Spannungsriß-Korrosion

Überfüllung von Instrumentensieben und Wasch-Trays vermeiden.

Gelenkinstrumente vor dem Aufbereiten öffnen. Zerlegbare Instrumente gemäß Bedienungsanleitung (Piktogramm) zur Reinigung zerlegen. Reinigungsgerechtes Zubehör verwenden. Für die manuelle Reinigung nie Metallbürsten oder Metallschwämme verwenden.

Spülmaschinen und Ultraschallanlagen nicht überladen. Spül- oder Schallschatten vermeiden. Dosierung, Einwirkzeit und Einwirktemperatur bei der Desinfektion und Reinigung unbedingt einhalten. Nach der Reinigung sorgfältig spülen. Möglichst vollentsalztes (demineralisiertes) Wasser verwenden.

Nach dem Spülen ausreichend trocknen. Abgenutzte, korrodierte, deformierte, poröse oder anderweitig beschädigte Instrumente aussortieren.

Aus hygienischen Gründen müssen Instrumente, die zur Reparatur eingesandt werden komplett aufbereitet werden.

Gelenkinstrumente nach jeder Aufbereitung mit einem Pflegemittel auf Basis von Paraffinöl behandeln (gilt nicht für flexible Endoskope und Zubehör).

Funktionsprüfung in zusammengebautem Zustand durchführen.

Instrumente mit Rastensperre vor der Sterilisation nur im ersten Zahn schließen.

Als Sterilisationsverfahren empfehlen wir die Dampfsterilisation (üblicherweise mit Sattdampf bei 134° C)

Sterilisation ist kein Ersatz für Sauberkeit!

Die Broschüre "Instrumenten-Aufbereitung richtig gemacht" des Arbeitskreis Instrumenten-Aufbereitung dient als Anhalt.

Reda Instrumente GmbH
78532 Tuttlingen

IMPORTANT INFORMATION CONCERNING PREPARING AND STERILIZING SURGICAL INSTRUMENTS

Dear Sirs,
please read the following instructions very carefully before using the instruments.

1. INITIAL USE

All instruments which are being used for the first time must be thoroughly cleaned, rinsed and then sterilized before using.

2. TREATING INSTRUMENTS AFTER USAGE

- a.) The instruments might be immediately thoroughly cleaned and disinfected. Please follow the manufacturer's instructions when using cleaning agents and disinfectants.
- b.) Instruments which may be dismantled must be cleaned and disinfected after being taken apart.
- c.) Cleaning may be carried out either manually or with a machine. Care should be taken that only cleaning agents and disinfectants are used, which are changed daily.
- d.) Following chemical disinfection and manual cleaning, all instruments must always be thoroughly rinsed under running water.
- e.) The temperature of water used in a machine for cleaning should not exceed 45°C.
- f.) Whether cleaning is carried out manually or by machine, we especially ask you to ensure that the correct dosage for cleaning solutions or the correct combination of disinfectant and cleaning solution, is employed. Similar importance should be applied to the length of time the agents require to perform properly and to the temperature set.
- g.) Hinged instruments should be opened before cleaning.
- h.) Please ensure that the perforated instrument trays, when loaded, do not exceed 10 kg in weight.
- i.) Please take care that when instruments are being cleaned they are arranged proper in a manne that fluids can circulate freely.
- j.) Deposits remaining after the cleaning process must be completely removed in the first rinse which now follows. The optimum temperature for final rinsing has proved to be between 70° and 90° C. Please use only purified water in this final cleaning stage.
- k.) The instruments must be carefully dried after cleaning and rinsing is completed.
- l.) Moving parts and the cutting edges of shears and scissors must be treated with preservatives which are both suitable and physiologically safe.

3. TESTING FOR CORRECT FUNCTIONING

- a.) Instruments must be carefully and thoroughly checked before every occasion that they are used.

- b.) After each time they are cleaned, the instruments must be macroscopically clean, i.e., visibly free from proteinbased residues and other soiling.
- c.) Care should be taken so that cracks, breakages and corrosion are noticed.
- d.) Instruments with flecks should be separated and taken out for special treatment.
- e.) All moving parts as well as working tips and blades should be checked with special care.
- f.) Checking should be carried out according to the extent to which the instruments will be used.
- g.) Instruments which are in any way defective or damaged should be immediately sorted out from the others.

4. STERILIZATION

- a.) All stainless steel surgical instruments supplied by us may be sterilized in an autoclave.
- b.) Please follow the manufacturer's operating instructions when using autoclave. All machines used must comply with all current quality and other standards.
- c.) Instruments are being sterilized/ autoclaved at a temperature of 134°C.
- d.) Sterilization packing material must comply with all current standards.
- e.) Instruments with ratchets or self-retaining mechanisms should be sterilized opened or in the first ratchet position.
- f.) Please ensure that perforated instrument trays, when loaded do not exceed 10 kg in weight.

5. IN GENERAL

- a.) All surgical instruments supplied by us have been thoroughly inspected before dispatch and leave our factory in perfect condition. Damage which can arise as a result of transporting, cleaning, preserving, sterilizing or storing, must be prevented.
- b.) Please handle surgical instruments always with the utmost care.
- c.) Instruments must be stored in a clean and dry place.
- d.) If you have any queries or problems please contact us at any time:

We should like to point out that, if the above-mentioned directions are not followed or the instruments supplied by us are not properly used, all guarantee claims become void and any consequences must be borne by yourselves.

SUGERENCIAS PARA LA LIMPIEZA, ESTERILIZACIÓN Y MANTENIMIENTO DE INSTRUMENTOS QUIRÚRGICOS

ENJUAGADO

Tras el uso enjuagar enseguida los instrumentos bajo un chorro de agua caliente (no hirviendo). El enjuagado debe servir para quitar los residuos de sangre, mucosas y tejidos.

LIMPIEZA

Si la limpieza no se efectúa inmediatamente después del enjuagado, los instrumentos tienen que sumergirse en una solución de agua y detergente con PH neutro (7)

Para los instrumentos muy delicados (algunos tipos de porta agujas o tijeras se aconseja una limpieza manual: ver punto "C".

a.- Limpieza en la pila de ultrasonido

Los instrumentos tienen que estar en la pila el tiempo necesario recomendado por el fabricante para efectuar el ciclo del lavado, generalmente de 5 a 10 minutos.

Los instrumentos con bisagras o juntas (articulaciones) tienen que sumergirse en la piletta en posición abierta.

Asegurarse de que las hojas afiladas de las tijeras, bisturíes para gingivectomía, curetas, etc. no estén en contacto con otros instrumentos.

Todos los instrumentos deben estar completamente sumergidos en la solución de lavado.

No poner instrumentos de diferentes metales (acero inoxidable, instrumentos cromados, latón, etc.) en el mismo ciclo de lavado.

Cambiar a menudo la solución para el lavado, como mínimo todas las veces que lo recomienda el fabricante de la pilita de ultrasonidos.

Enjuagar concienzudamente los instrumentos con agua corriente tras lavado con ultrasonidos para quitar los residuos de la solución de lavado.

b.- Limpieza con lavadora

Seguir las indicaciones del fabricante. Asegurarse de que los instrumentos hayan sido lubrificados tras el último ciclo de lavado y antes del ciclo de esterilización.

c.- Limpieza manual

La mayor parte de los fabricantes de instrumentos indican el lavado con los ultrasonidos como el modo mejor y más eficaz para limpiar los instrumentos quirúrgicos, especialmente los que tienen bisagras, cierres y en general articulaciones. Si la limpieza con los ultrasonidos no es posible, se aconseja usar el método siguiente:

- Usar cepillos rígidos de plástico, nylon, etc.
- Cepillar concienzudamente los instrumentos más delicados y, si es posible, enjuagar, limpiar y esterilizar estos instrumentos separadamente.
- Verificar que toda la superficie de estos instrumentos esté limpia.
- Tras haber cepillado los instrumentos, enjuagártelos bajo el chorro de agua corriente.
- Durante el enjuagado abrir y cerrar las tijeras, las pinzas hemostáticas, los porta agujas y los demás instrumentos con bisagras o junturas y asegurarse de que las partes internas de las bisagras estén perfectamente enjuagadas como la superficie externa del instrumento.

SECADO, LUBRIFICACIÓN E INSPECCIÓN

Tras las operaciones de limpieza y de enjuagado, los instrumentos quirúrgicos tienen que ser secados perfectamente.

Todos los instrumentos con junturas o bisagras (acción "metal contra metal") como tijeras, pinzas hemostáticas, porta agujas, fórceps de extracción, etc., tienen que ser lubrificados. Se aconsejan lubricantes específicos para el instrumental quirúrgico. No usar aceites o lubricantes industriales.

A este punto es buena norma inspeccionar el estado de cada instrumento y verificar el funcionamiento según el uso específico. Controlar y asegurarse de que:

- Las hojas de las tijeras estén lisas de arriba abajo y de que, una vez cerradas, no hagan juego. Probar las tijeras cortando gasa muy fina. Tres cuartas partes de la hoja tienen que cortar la gasa sin retenerla.
- Las puntas de las pinzas estén al mismo nivel.

- Las pinzas hemostáticas y los porta agujas no dejen pasar la luz entre las puntas cuando estén cerradas, se abran y cierren fácilmente y que las bisagras no estén demasiado flojas.
- Controlar el desgaste de la porta agujas sobre la superficie interna de las puntas.
- Las cánulas metálicas de aspiración estén bien limpias en su interior.
- Los instrumentos cortantes y los bisturíes tengan las hojas bien afiladas y no estropeadas.

ESTERILIZACIÓN EN AUTOCLAVE

Tras haber enjuagado, limpiado, secado, lubrificado e inspeccionado los instrumentos, éstos pueden ser preparados para la esterilización separadamente o en serie.

Instrumentos individuales:

Las bolsas especiales monouso son el ideal para contener los instrumentos. Asegurarse de que las bolsas que contendrán los instrumentos con cierres y articulaciones (pinzas hemostáticas, porta agujas, etc.) sean lo bastante grandes como para contener los citados instrumentos en posición abierta.

Instrumentos en serie:

Poner los instrumentos en los especiales cestos o bandejas de acero inoxidable. Poner los instrumentos más pesados en la parte inferior cuando sean necesarias varias bandejas.

No cerrar nunca los instrumentos durante el ciclo en autoclave. Un instrumento cerrado no estará nunca bien esterilizado, ya que el vapor no puede penetrar en la parte de cierre a contacto "metal contra metal". En el instrumento podría además romperse en la parte de la bisagra a causa de la expansión del metal debida al calor durante el ciclo del autoclave.

No cargar demasiado la cámara del autoclave ya que algunos instrumentos podrían formar "zonas de sombra" sobre otros en los que el vapor no penetraría.

ATENCIÓN

Al final del ciclo de esterilización - antes del ciclo de secado- abrir ligeramente la portezuela del autoclave y proceder con el ciclo deseado según las instrucciones del fabricante. Si la portezuela del autoclave se abrese completamente antes del ciclo de secado, el aire frío de la habitación entraría en la cámara del autoclave causando la formación de condensación sobre los instrumentos y de consecuencia aparecerían las manchas de agua que vemos a menudo en los mismos.

ESTERILIZACIÓN EN FRÍO:

La mayor parte de las soluciones para la esterilización en frío esterilizan los instrumentos completamente tras 10 horas de inmersión. Esta acción química prolongada puede ser más perjudicial para los instrumentos que el ciclo normal de 20 minutos en autoclave.

Si los instrumentos tienen necesidad de ser simplemente "desinfectados", el proceso en frío es adecuado, ya que la desinfección tiene lugar en 10 minutos solamente.

Recuerde bien la diferencia entre:

ESTÉRIL - término absoluto (ningún organismo logra sobrevivir) y

DESINFECTADO - perfectamente limpio.

Usen siempre la técnica más adecuada de esterilización/limpieza de los instrumentos según el uso que se haga posteriormente de ellos.

Recuerden que la esterilización de los instrumentos no sustituye la limpieza de los mismos.

Recomendamos no volver a usar ni esterilizar los artículos de un solo uso.

Si se tratan en el modo correcto los instrumentos construidos con las modernas aleaciones inoxidables pueden durar muchos años.

INDICAZIONI PER LA CURA, PULITURA E LA STERILIZZAZIONE DELLO STRUMENTARIO CHIRURGICO RISTERILIZZABILE

Misure preventive anticorrosione

- 1) Raggruppare accuratamente gli strumenti correttamente confezionati e sterilizzati prima dell'operazione; selezionarli secondo l'intervento. Verificare sempre che la confezione esterna sia integra e che lo strumento stesso non sia danneggiato.
- 2) Assicurarsi tramite l'indicatore di sterilizzazione collocato all'interno del vaglio che il contenuto sia stato sterilizzato.
- 3) Disporre gli strumenti seguendo l'ordine di utilizzo durante l'operazione; lasciare gli strumenti non necessari nel vaglio; predisporre gli strumenti solo immediatamente prima dell'operazione.
- 4) Nel corso dell'operazione rimuovere dagli strumenti sangue ed altri materiali biologici; dopo l'uso, riporre gli strumenti nel corretto alloggiamento.
- 5) Risciacquare opportunamente gli strumenti cavi, al fine di evitare l'adesione di sangue e polvere d'osso.
- 6) Per la pulitura degli strumenti utilizzare una soluzione lattata o una soluzione salina, ma non immergerli nelle suddette soluzioni.
- 7) Iniziare l'operazione di pulitura subito dopo l'intervento. Strumenti utilizzati su pazienti con possibili infezioni: smaltire in modo analogo, eliminando sangue, polvere d'osso parti di tessuto in eccesso.
- 8) Pulire gli strumenti in un luogo previsto nell'ambito della sala operatoria.

Nel caso in cui gli strumenti vadano collocati direttamente nella centrale di sterilizzazione, è necessario dapprima coprirli, per evitare il rischio di contaminazione ai danni del personale o dell'ambiente circostante.

Disinfezione

Durante l'uso di disinfettanti chimici è necessario osservare scrupolosamente le indicazioni del produttore; utilizzare le soluzioni sempre previa diluizione. Nella fase termica di disinfezione con acqua bollente assicurarsi che l'acqua sia priva di corpi estranei.

Pulitura

Indipendentemente dal metodo utilizzato per la pulitura (meccanico o manuale) si raccomanda di verificare attentamente quale detergente vada utilizzato con ciascun metodo. Valori pH consigliati: tra 7,0 e 8,5.

1) Pulitura meccanica

Osservare scrupolosamente le istruzioni d'uso fornite dal produttore della macchina pulitrice. Predisporre gli

strumenti per la pulitura meccanica. Tutti gli strumenti appuntiti e delicati dovrebbero essere puliti manualmente.

Non sovraccaricare i vagli, mettere gli strumenti pesanti sul fondo del vaglio. Se necessario, immergere e risciacquare gli strumenti molto sporchi (strumenti cavi), prima di collocarli nella lavatrice.

2) Pulitura ad ultrasuoni

(fa parte dei metodi di pulitura meccanica)

Prima di inserire uno strumento nel bagno ad ultrasuoni, rimuovere i materiali organici in eccesso. I bagni ad ultrasuoni sono consigliati per le filettatrici o gli strumenti con solchi profondi. L'ultrasuono deve essere seguito da un programma di risciacquo normale.

3) Pulitura manuale

Richiede diverse spazzole in nylon, una canna da soffio ed un ugello da soffio/ un dispositivo ad aria compressa pulito, detergenti e solventi come per la pulitura meccanica.

Per gli additivi di pulitura osservare le indicazioni fornite dal produttore.

Per la pulitura degli strumenti dotati di cannula, passare più volte lo spazzolino di nylon attraverso la cannula eseguendo movimenti rotatori (non utilizzare spazzole in lana d'acciaio/metallo) fino alla completa rimozione dei residui eliminabili con questo metodo.

Soffiare poi con aria compressa nella cannula.

4) Asciugatura

Ogni strumento deve essere asciugato completamente sia internamente che esternamente per evitare la formazione di ruggine o malfunzionamenti.

Indicazioni per la sterilizzazione della strumentazione

Pulire immediatamente ed asciugare bene gli strumenti usati, non utilizzare detergenti e disinfettanti con additivi fortemente acidi o alcalini (ad es. soda, soda caustica o acidi)!

Sterilizzare la strumentazione solo a vapore A 134°!

Prima della sterilizzazione, assicurarsi che gli strumenti siano perfettamente funzionanti ed integri. La sterilizzazione non sostituisce la pulitura.



Index

- 03: Diagnostik
05: Narkose
07: Skalpelle, Messer
09: Scheren
10: Mikroscheren
11: Pinzetten
12: Mikrochirurgie-Pinzetten

13: Klemmen
15: Tuchklemmen
17: Tupferzangen
19: Wundhaken
21: Sonden, Watteträger
23: Trokare, Biopsiekülen,
Führungsnaadeln
25: Nadelhalter
27: Naht
29: Sterilisations-Instrumente

31: Verband, Gips
33, 34: Knochenchirurgie
41: Neurochirurgie
43, 44: Ophthalmologie
45: Otologie
47: Rhinologie
49: Mund und Zunge
51: Tonsillektomie
53: Laryngo-, Bronchoskopie
55: Tracheotomie
57: Thorax
61: Herz- und Gefäßchirurgie
63: Galle
65: Magen, Darm
67: Urologie
69: Rektum
71: Gynäkologie
73: Geburtshilfe
75: Dermatologie
89: Sterilisation, Behälter
91: Hochfrequenz-Chirurgie

Index

- Diagnostic
Anesthesia
Scalpels
Scissors
Micro Scissors
Thumb and Tissue Forceps
Microsurgery Forceps
Atrauma Bulldog Clamps
Hemostatic Forceps
Towel Forceps
Dressing Forceps
Retractors
Probes, Cotton Applicators
Trocars

Needle Holders
Suturing Instruments
Sterilization Instruments

Plaster of Paris
Bone Surgery
Neurosurgery
Ophthalmology
Otology
Rhinology
Mouth and Tongue
Tonsils
Larynx
Tracheotomy
Thorax
Cardiovascular Surgery
Gall and Kidney
Intestines, Stomach
Urology
Rectum
Gynecology
Obstetrics
Dermatology, Hygiene
Different Containers
High Frequency Surgery

Indice

- 03: Diagnóstico
05: Anestesia
07: Bisturíes
09: Tijeras
10: Tijeras p/micro cirugía
11: Pinzas de disección
12: Pinzas p/micro cirugía
Clamp Atrauma Bulldog
13: Pinzas hemostáticas
15: Pinzas de campo
17: Pinzas p/tapones
19: Separadores
21: Sondas, Porta-algodón
23: Trócares

25: Porta-agujas
27: Instrumentos para sutura
29: Instrumentos para la
esterilización
31: Vendajes enyesados
33, 34: Cirugía ósea
41: Neurocirugía
43, 44: Oftalmología
45: Otorrinolaringología
47: Rinología
49: Boca y lengua
51: Amígdalas
53: Laringe
55: Traqueotomía
57: Tórax
61: Cirugía cardiovascular
63: Vesícula biliar
65: Intestinos, Estómago
67: Urología
69: Recto
71: Ginecología
73: Obstetricia
75: Dermatología, Higiene
89: Contenedores varios
91: Electrocirugía

Index

- Diagnostica
Anestesia
Bisturi
Forbici
Forbici per microchirurgia
Pinze per dissezione
Pinze per microchirurgia
Pinze Atrauma Bulldog
Pinze emostatiche
Pinze fissateli
Pinze per medicatura
Divaricatori
Sonde, Portacotone
Trequarti

Port'aghi
Strumenti per suture
Strumenti per la
sterilizzazione
Bendaggi gessati
Chirurgia ossea
Neurochirurgia
Oftalmologia
Otorrino
Rinologia
Bocca e lingua
Tonsille
Laringe
Tracheotomia
Torace
Chirurgia cardiovasculare
Vescicola biliare, rene
Intestini, Stomaco
Urologia
Retto
Ginecologia
Ostetricia
Dermatologia, Igiene
Vassoi diversi
Elettrochirurgia

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 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, 02/2014

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.

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, 02/2014

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
- sinuscopía
- cistoscopia
- histeroscopia
- ginecología

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

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

REDA Instrumente GmbH
Deutschland - Tuttlingen, 02/2014

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

REDA Instrumente GmbH
Deutschland - Tuttlingen, 02/2014

Blutdruckmeßgeräte
Sphygmomanometer
Estigmomanómetros
Sfigmomanometri



**DIPLOMAT
PRESAMETER**

Preiswertes und sehr beliebtes Quecksilbergerät in Metalletui. Lichtgraue Kunststoffbeschichtung. Glasmöhre von höchster Präzision mit Innendurchmesser 4,2 mm +/- 0,2 mm. Gute Ablesbarkeit der eloxierten Skala bis 300 mmHG. Vernickelte Metallteile. Mit Quecksilbersicherung. Maximale Fehlertoleranz des Gerätes: +/- 3 mmHg. Mit Latexball und verchromtem Ablauftülle.

Nr. 03112-00 - Mit Wickelmanschette aus Baumwolle komplett mit Latexpolster 2-Schlauch.

Nr. 03112-01 - Mit Hakenmanschette aus Baumwolle komplett mit Latexpolster 2-Schlauch.

Nr. 03112-02 - Mit kalibrierter Nylon-Velcromanschette komplett mit Latexpolster 2-Schlauch.

Economical and attractive mercurial sphygmomanometer in metal case. Enamelled in light gray color. Precision glass tube with inside diameter 4,2 mm +/- 0,2 mm. Anodized faceplate with easy-to-read graduated scale. Maximum reading 300 mmHg. Nickel-plated metal parts. Mercury lock. Maximum error throughout range +/- 3 mmHg. Complete with latex bulb and chrome-plated air-release valve.

No. 03112-00 - With cotton bandage cuff complete with 2-tube latex bladder.

No. 03112-01 - With cotton hook cuff complete with 2-tube latex bladder.

No. 03112-02 - With calibrated nylon velcro complete with 2-tube latex bladder.

Tensiómetro de mercurio económico y de una gran difusión en estuche metálico. Recubierto con plástico de color gris claro. Tubo vidrio de máxima precisión con diámetro interior de 4,2 mm +/- 0,2 mm. Lectura cómoda en la escala anodizada hasta 300 mmHg. Partes metálicas niqueladas. Tiene cierre de seguridad en el depósito de mercurio. Tolerancia de errores máxima del aparato +/- 3 mmHg. Pera latex y válvula cromada.

No. 03112-00 - Con brazalete de venda de algodón, completo, bolsa latex de 2 tubos.

No. 03112-01 - Con brazalete de ganchos de algodón, completo, con bolsa latex de 2 tubos.

No. 03112-02 - Con brazalete velcro de nilón, calibrado, completo con bolsa latex de 2 tubos.

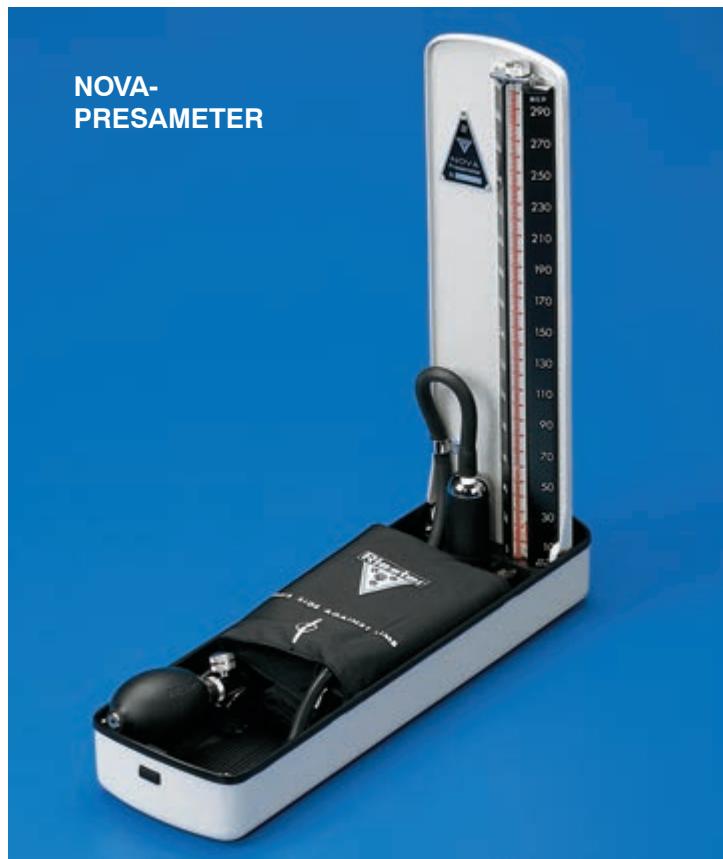
Sfigmomanometro a mercurio economico ed elegante in astuccio di metallo. Verniciato in grigio chiaro. Colonna di precisione di vetro con diametro interno 4,2 mm +/- 2 mm. Quadrante anodizzato con scala graduata di facile lettura. Valore massimo 300 mmHg. Parti metalliche nichelate. Chiusura di sicurezza del mercurio. Tolleranza +/- 3 mmHg. Completo di monopalla in latex e valvola di sfioro cromata.

No. 03112-00 - Con bracciale di cotone a fascia, completo di camera d'aria in latex a due tubi.

No. 03112-01 - Con bracciale di cotone a ganci, completo di camera d'aria in latex a due tubi.

No. 03112-02 - Con bracciale calibrato velcro-nylon completo di camera d'aria in latex a due tubi.

Blutdruckmeßgeräte
Sphygmomanometer
Esfigmomanómetros
Sfigmomanometri



Qualitativ sehr hochwertiges Quecksilbergerät in Metallgehäuse mit 2-farbiger Einbrennlackierung (hellgrau und schwarz). Glaskolonne von höchster Präzision mit Innendurchmesser 4,2 mm +/- 0,2 mm. Gute Ablesbarkeit der eloxierten Skala bis 300 mmHG. Verchromte Metallteile. Mit Quecksilbersicherung und Ballhalterung. Maximale Fehlertoleranz des Gerätes: +/- 3 mmHg. Mit Latexball und verchromtem Abläufventil.

Nr. 03113-00 - Mit Wickelmanschette aus Baumwolle komplett mit Latexpolster 2-Schlauch.

Nr. 03113-01 - Mit Hakenmanschette aus Baumwolle komplett mit Latexpolster 2-Schlauch.

Nr. 03113-02 - Mit kalibrierter Nylon-Velcromanschette komplett mit Latexpolster 2-Schlauch.

High quality extra-sturdy mercurial sphygmomanometer in metal case. Enamelled in light grey with contrasting trim. Precision glass tube with inside diameter 4,2 mm +/- 0,2 mm. Anodized faceplate with easy-to-read graduated scale. Maximum reading 300 mmHg. Chrome-plated metal parts. Mercury lock. Bulb holder. Maximum error throughout range +/- 3 mmHg. With latex bulb and chrome-plated air release valve.

No. 03113-00 - With cotton bandage cuff complete with 2-tube latex bladder.

No. 03113-01 - With cotton hook cuff complete with 2-tube latex bladder.

No. 03113-02 - With calibrated nylon velcro complete with 2-tube latex bladder.

Tensiómetro de mercurio de alta calidad en estuche metálico barnizado al fuego en gris claro y negro. Tubo vidrio de precisión máxima con diámetro interior de 4,2 mm +/- 0,2 mm. Cómoda lectura de la escala anodizada hasta 300 mmHg. Partes metálicas cromadas. El depósito de mercurio lleva un cierre de seguridad. Soporte para pera. Tolerancia de errores máxima del aparato +/- 3 mmHg. Con pera latex y válvula cromada.

No. 03113-00 - Con brazalete de venda de algodón completo, con bolsa latex con 2-tubos.

No. 03113-01 - Con brazalete de ganchos de algodón completo, con bolsa latex con 2-tubos.

No. 03113-02 - Con brazalete velcro de nilón calibrado completo, con bolsa latex con 2-tubos.

Sfigmomanometro a mercurio di alta qualità, molto robusto, in astuccio di metallo, verniciato in grigio chiaro con eleganti rifiniture. Colonna di precisione di vetro con diametro interno 4,2 mm +/- 2 mm. Quadrante anodizzato con scala graduata di facile lettura. Valore massimo 300 mmHg. Parti metalliche cromate. Chiusura di sicurezza del mercurio. Supporto per monopalla. Tolleranza +/- 3 mmHg. Con monopalla in latex e valvola di sfato cromata.

No. 03113-00 - Con bracciale di cotone e fascia completa di camera d'aria di latex a 2-tubi.

No. 03113-01 - Con bracciale di cotone a ganci completo di camera d'aria di latex a 2-tubi.

No. 03113-02 - Con bracciale calibrato velcro-nylon completo di camera d'aria di latex a 2-tubi.

Blutdruckmeßgeräte
Sphygmomanometer
Estigmomanómetros
Sfigmomanometri

NOVA WANDMODELL

Quecksilbergerät von höchster Qualität, ideal für Praxis und Klinik. Nicht schwenkbar. Lichtgrau kunststoffbeschichtete Metallplatte. Glasröhre von höchster Präzision mit Innendurchmesser 4,2 mm +/- 0,2 mm. Gute Ablesbarkeit der eloxierten Skala bis 300 mmHg. Verchromte Metallteile. Quecksilbersicherung. Kunststoffbeschichteter Metallkorb zur optimalen Aufbewahrung des Zubehörs. Spiralschlauch dehnbar bis zu 3 m. Maximale Fehlertoleranz des Gerätes: +/- 3 mmHg. Mit Latexball und verchromtem Abläßventil. Befestigungsschrauben und Dübel werden mitgeliefert.

- Nr. 03114-00 - Mit Wickelmanschette aus Baumwolle komplett mit Latexpolster 2-Schlauch.**
- Nr. 03114-01 - Mit Hakenmanschette aus Baumwolle komplett mit Latexpolster 2-Schlauch.**
- Nr. 03114-02 - Mit kalibrierter Nylon-Velcromanschette komplett mit Latexpolster 2-Schlauch.**

High quality mercurial sphygmomanometer ideal for use in hospitals and physicians' offices. Non-swiveling metal housing enameled in light gray. Precision glass tube with inside diameter 4,2 mm +/- 0,2 mm. Anodized faceplate with easy-to-read graduated scale. Maximum reading 300 mmHg. Chromed-plated metal parts. Mercury lock. Plastic coated metal basket for convenient accessory storage. Coiled tubing extensible to 3 m. Maximum error throughout range +/- 3 mmHg. With latex bulb and chrome-plated air-release-valve. Mounting hardware included.

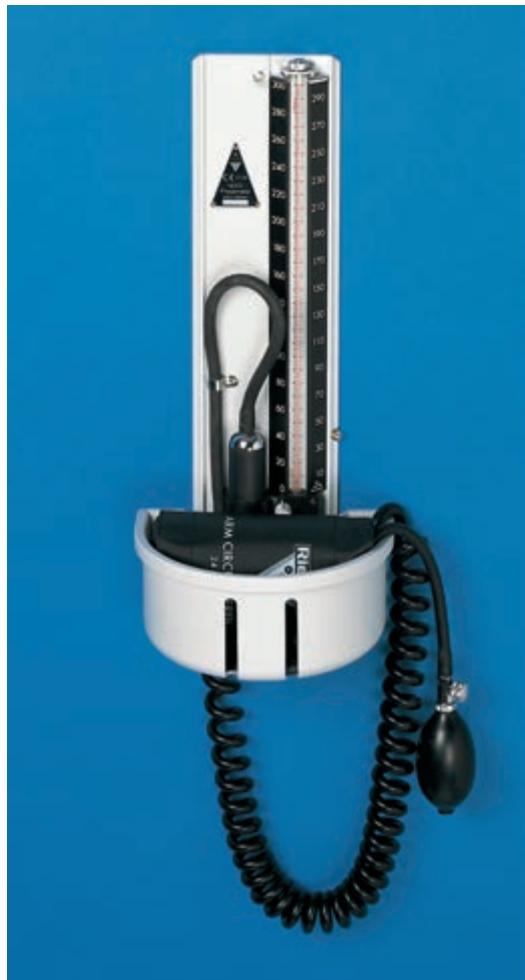
- No. 03114-00 - With cotton bandage cuff complete with 2-tube latex bladder.**
- No. 03114-01 - With cotton hook cuff complete with 2-tube latex bladder.**
- No. 03114-02 - With calibrated nylon velcro cuff complete with 2-tube latex bladder.**

Tensiómetro de mercurio de alta calidad y fiabilidad, ideal para consultorios y clínicas. Fijo, no móvil. Placa metal recubierta plástico de color gris claro. Tubo vidrio de precisión máxima y diámetro interior de 4,2 mm +/- 0,2 mm. Cómada lectura de la escala anodizada hasta 300 mmHg. Partes metálicas cromadas. Con cierre de seguridad en el depósito de mercurio. Cestillo metálico recubierto de plástico para la colocación del accesorio. Con tubo espiral extensible hasta 3 metros. Tolerancia de errores máxima del aparato: +/- 3 mmHg. Con pera latex y válvula cromada. Se incluyen tacos y tornillos para la sujeción.

- No. 03114-00 - Con brazalete de venda de algodón completo con bolsa latex con 2 tubos.**
- No. 03114-01 - Con brazalete de ganchos de algodón completo con bolsa latex con 2 tubos.**
- No. 03114-02 - Con brazalete velcro de nilón calibrado completo con bolsa latex con 2 tubos.**

Sfigmomanometro a mercurio di alta qualità, ideale per ospedali ed ambulatori. Corpo dell'apparecchio in metallo, non orientabile, verniciato in grigio chiaro. Colonna di precisione di vetro con diametro interno 4,2 mm +/- 0,2 mm. Quadrante anodizzato con scala graduata di facile lettura. Valore massimo 300 mmHg. Parti metalliche cromate. Chiusura di sicurezza del mercurio. Cestello porta accessori in metallo rivestito di plastica. Tubo a spirale estensibile fino a 3 m. Tolleranza +/- 3 mmHg. Con monopalla in latex e valvola di sfato cromata. Fornito con accessori di montaggio.

- No. 03114-00 - Con bracciale di cotone a fascia completa di camera d'aria di latex a 2-tubi.**
- No. 03114-01 - Con bracciale di cotone a ganci completa di camera d'aria di latex a 2-tubi.**
- No. 03114-02 - Con bracciale calibrato velcro-nylon completo di camera d'aria di latex a 2-tubi.**



Blutdruckmeßgeräte
Sphygmomanometer
Esfigmomanómetros
Sfigmomanometri



Noch moderne Ausführung unseres bisherigen sehr bekannten und beliebten Exacta Manometers. Sehr interessant im Preis. Metallgehäuse, schwarz einbrennlackiert. Mit spezialgehärteter Kupfer-Beryllium Membrane. Keine Nullpunktfixierung. Gut ablesbare Aluminiumskala ø 49 mm bis 300 mmHg. Metallklemme an der Rückseite des Manometers zum Einhängen an der Manschette. Mit Latexball und verchromtem Abläuffenventil. In Vinyltasche mit Reißverschluß. Maximale Fehlertoleranz des Gerätes: +/- 3 mm Hg.
Nr. 03120-00 - Mit kalibrierter Nylon-Velcromanschette komplett mit Latexpolster 2-Schlauch.

Latest version of our well-known Exacta classic sphygmomanometer, with an especially attractive price. Metal housing with baked-on black enamel finish. Special tempered copper-beryllium diaphragm. No stop pin. Easy-to-read graduated aluminium scale 49 mm ø. Maximum reading 300 mmHg. Clip on rear of manometer for attachment to cuff. With latex bulb and chrome-plated air release valve, in vinyl zipper case. Maximum error +/- 3 mmHg throughout range.

No. 03120-00 - With calibrated nylon-velcro cuff complete with 2-tube latex bladder.

Modelo más moderno que nuestro anterior Exacta manómetro muy popular y conocido. Con precio muy económico. Caja metálica barnizada al fuego de color negro. Con membrana cobreberilio endurecido especial. Sin fijación a cero. Buena lectura de la escala aluminio ø 49 mm hasta 300 mmHg. Con pinza metálica a la parte posterior del manómetro para ganchar en el brazalete. Con pera de latex y válvula cromada. En estuche de vinilo con cierre de cremallera. Tolerancia de errores máxima del aparato: +/- 3 mmHg.
No. 03120-00 - Con brazalete velcro de nilón calibrado completo con bolsa de latex con 2 tubos.

La più recente versione dei famosi sfigmomanometri tradizionali Exacta, ad un prezzo veramente interessante. Realizzato in metallo rifinitura smaltata a forno. Membrana speciale di rame-berillio indurito. Senza fissaggio a zero. Scala graduata in alluminio ø 49 mm di facile lettura. Valore massimo 300 mmHg. Con morsetto nella parte posteriore del manometro per l'attacco al bracciale. Monopalla di latex e valvola di sfatto cromata. Fornito in borsa di vinilepelle con cerniera lampo. Tolleranza +/- 3 mmHg.
No. 03120-00 - Con bracciale calibrato velcro-nylon completo di camera d'aria di latex a 2 tubi.

Blutdruckmeßgeräte
Sphygmomanometer
Estigmomanómetros
Sfigmomanometri



Sehr preisgünstiges, modernes und beliebtes Einhandmodell. Stabiles Kunststoffgehäuse, schwarz. Spezialgehärteter Kupfer-Beryllium Membrane. Keine Nullpunktfixierung. Gut ablesbare Aluminiumskala ø 63 mm bis 300 mmHg. Löffel aus rostfreiem Stahl. Mit Latexball und verchromtem Abläfventil. Mit verchromter Schlauchverschraubung auf der rechten Seite unterhalb des Manometers. In Vinyltasche mit Reißverschluß. Maximale Fehlertoleranz des Gerätes: +/- 3 mmHg.

Nr. 03122-00 - Mit kalibrierter Nylon-Velcromanschette komplett mit Latexpolster 1-Schlauch.

Very attractive and economical modern palm-style sphygmomanometer. Black housing of engineering plastic with chrome-plated tube connection at lower right. Special tempered copper-beryllium diaphragm. No stop pin. Easy-to-read graduated aluminium scale ø 63 mm. Maximum reading 300 mmHg. Stainless steel handle. With latex bulb and chrome-plated air release valve, in vinyl zipper case. Maximum error +/- 3 mmHg throughout range.

No. 03122-00 - With calibrated nylon-velcro cuff complete with 1-tube latex bladder.

Modelo de mano, muy económico, moderno y popular. Estuche plástico duro de color negro. Con membrana cobre-berilio endurecido especial. Sin fijación a cero. Buena lectura de la escala de aluminio ø 63 mm hasta 300 mmHg. Con cuchara de acero inoxidable. Con pera de latex y válvula cromada. Con tornilladura de tubo cromada al lado derecho debajo del manómetro. En estuche de vinilo con cierre de cremallera. Tolerancia de errores máxima del aparato: +/- 3 mmHg.

No. 03122-00 - Con brazalete velcro de nilón, calibrado, completo con bolsa de latex con 1 tubo.

Sfigmomanometro molto elegante, moderno ed economico. Modello a mano. Scatola del manometro in materiale sintetico robusto con uscita laterale cromata per collegamento del tubo (in basso a destra). Membrana speciale in rame-berillio indurito. Senza fissaggio a zero. Scala graduata in alluminio di facile lettura, ø 63 mm. Valore massimo 300 mmHg. Manico in acciaio inossidabile. Con monopalla di latex, valvola di sfato cromata. Fornito in borsa di vinilepelle con chiusura lampo. Tolleranza +/- 3 mmHg.

No. 03122-00 - Con bracciale calibrato velcro-nylon completo di camera d'aria di latex add 1 tubo.

Blutdruckmeßgeräte
Sphygmomanometer
Esfigmomanómetros
Sfigmomanometri



Einhändigblutdruckmessgerät, besonders geeignet für Kinderarzapraxen. Wurde speziell in der kinderfreundlichen Farbe blau gestaltet. Verchromtes Metallgehäuse. Spezialgehärtete Kupfer-Beryllium Membrane. Keine Nullpunktfixierung. Gut ablesbare blau-weiße Aluminiumskala ø 49 mm bis 300 mmHg. Löffel aus rostfreiem Stahl. Blauer Weichkunststoffball und verchromtes Ablaßventil. Verchromte Schlauchverschraubung am Manometeroberteil. In blauer Kunstledertasche mit Reißverschluss. Maximale Fehlertoleranz: +/- 3 mmHg. Komplett mit 3 verschiedenen blauen, kalibrierten Nylon-Velcro-Manschetten, mit Latexpolster 1-Schlauch. Alle Manschetten werden mit besonders kinderfreundlichem Bärendruck geliefert.

Nr. 03126-00 - Komplettes Set mit 3 austauschbaren Manschetten mit Metallkonnektoren.

Neugeborene: 15,5 x 5,0 cm - Säuglinge: 23,0 x 7,2 cm - Kinder: 35,5 x 10,0 cm

Modern palm-model sphygmomanometer specially designed for pediatric use. Interchangeable cuffs equipped with metal tube connectors for quick and reliable attachment to unit of cuff appropriate to age of patient. Scale, bulb, cuffs, and case in attractive light blue color, with cuffs printed with child-friendly bear motif. Chrome-plated metal housing with tube connection at top. Stainless steel handle. Special tempered copper-beryllium diaphragm. No stop pin. Easy-to-read graduated manometer scale ø 49 mm. Maximum reading 300 mmHg. With soft plastic bulb, chrome-plated air-release valve, and set of three interchangeable cuffs, in leatherette zipper case. Maximum error +/- 3 mmHg throughout range.

No. 03126-00 - Complete with set of three interchangeable cuffs with metal connectors.

Newborn: 15,5 x 5,0 cm - Infant: 23,0 x 7,2 cm - Child: 35,5 x 10,0 cm

Tensiómetro a mano, apropiado especialmente p. consultorios de pediatría. Se fabrica en color azul, agradable p. niños. Estuche metálico cromado. Membrana cobre-berilio endurecido especial. Sin fijación a cero. Buena lectura de la escala aluminio de colores azul y blanco ø 49 mm hasta 300 mmHg. Cuchara de acero inoxidable. Pera de hule de plástico suave azul. Válvula cromada. Atornilladura de tubo cromada a la parte superior del manómetro. En estuche de cuero artificial, azul. c. cierre de cremallera. Tolerancia de errores máxima: +/- 3 mmHg. 3 brazaletes velcro de nilón, calibrados, con bolsas latex, 1 tubo de tamaños diferentes de color azul. Los tres brazaletes llevan impreso unos osos especialmente atractivo p. niños.

No. 03126-00 - Juego, completo con 3 brazaletes intercambiables con conectores metálicos.

Recién nacidos: 15,5 x 5,0 cm - Lactantes: 23,0 x 7,2 cm - Niños: 35,5 x 10,0 cm

Sfigmomanometro moderno, modello a mano, per uso pediatrico. Bracciali intercambiabili correddati di connettori di metallo per un veloce e sicuro attacco all'apparecchio del bracciale più adatto all'età del paziente. Scala graduata, monopalla, bracciali e astuccio di colore azzurro. Bracciali con stampato motivo adatto per bambini. Manometro cromato con uscite per collegamento tubo nella parte superiore. Manico in acciaio inossidabile. Membrana speciale in rame-berillio indurito. Senza fissaggio a zero. Scala graduata del manometro ø 49 mm di facile lettura. Valore massimo 300 mmHg. Monopalla in plastica morbido, valvola di sfato cromata e set di 3 bracciali intercambiabili in astuccio di finita pella con cerniera lampo. Tolleranza +/- 3 mmHg.

Nr. 03126-00 - Comprende set di 3 bracciali intercambiabili con raccordi di metallo.

Neonati: 15,5 x 5,0 cm - Bambini piccoli: 23,0 x 7,2 cm - Bambini: 35,5 x 10,0 cm

Blutdruckmeßgeräte
Sphygmomanometer
Estigmomanómetros
Sfigmomanometri



Weltweit bekanntes und überaus beliebtes Einhandmodell. Verchromtes Metallgehäuse. Spezialgehärtete Kupfer-Beryllium Membrane. Keine Nullpunktfixierung. Gut ablesbare Aluminiumskala ø 49 mm bis 300 mmHg. Löffel aus rostfreiem Stahl. Mit Latexball und verchromtem AbläBventil. Mit verchromter Schlauchverschraubung am Manometeroberteil. In Vinyltasche mit ReiBverschluß. Maximale Fehlertoleranz des Gerätes: +/- 3 mmHg.

Nr. 03132-00 - Mit Wickelmanschette aus Baumwolle komplett mit Latexpolster 1-Schlauch.

Nr. 03132-01 - Mit Hakenmanschette aus Baumwolle komplett mit Latexpolster 1-Schlauch.

Nr. 03132-02 - Mit kalibrierter Nylon-Velcomanschette komplett mit Latexpolster 1-Schlauch.

World-famous palm-style aneroid sphygmomanometer. Chrome-plated metal housing. Special tempered copper-beryllium diaphragm. No stop pin. Easy-to-read graduated aluminum scale 49 mm ø. Maximum reading 300 mmHg. Stainless steel handle. With latex bulb and chrome-plated air release valve. In vinyl zipper case. Maximum error +/- 3 mmHg throughout range.

No. 03132-00 - With cotton bandage cuff, complete with 1-tube latex bladder.

No. 03132-01 - With cotton hook cuff, complete with 1-tube latex bladder.

No. 03132-02 - With calibrated nylon-velcro cuff, complete with 1-tube latex bladder.

Modelo de mano, de fama mundial y preferido por los medicos. Caja metálica cromada donde se aloja el mecanismo. Con membrana cobre-berilio endurecido especial. Sin fijación a cero. Buena lectura de la escala de aluminio ø 49 mm hasta 300 mmHg. Con cuchara de acero inoxidable. Con pera latex y válvula cromada. Con atornilladura de tubo cromada a la parte superior del manómetro. En estuche de vinilo con cierre de cremallera. Tolerancia máxima del aparato: +/- 3 mmHg.

No. 03132-00 - Con brazalete de venda de algodón completo con bolsa de latex con 2 tubos.

No. 03132-01 - Con brazalete de ganchos de algodón completo con bolsa de latex con 2 tubos.

No. 03132-02 - Con brazalete velcro de nilón calibrado completo con bolsa de latex con 2 tubos.

Sfigmomanometro ad aneroide, modello a mano di fama mondiale. Manometro cromato con uscita per collegamento tubo cromata, nella parte superiore. Membrana speciale di rame-berillio indurito. Senza fissaggio a zero. Scala graduata in alluminio ø 49 mm di facile lettura. Valore massimo 300 mmHg. Manico in acciaio inossidabile. Con monopalla di latex e valvola di sfianto cromato. Fornito in borsa vinilpelle con cerniera lampo. Tolleranza +/- 3 mmHg.

No. 03132-00 - Con bracciale di cotone a fascia completo di camera d'aria latex ad 1 tubo.

No. 03132-01 - Con bracciale di cotone a ganci completo di camera d'aria di latex ad 1 tubo.

No. 03132-02 - Con bracciale calibrato velcro-nylon completo di camera d'aria di latex ad 1 tubo.

Blutdruckmeßgeräte
Sphygmomanometer
Esgmomanómetros
Sfigmomanometri



Weltweit bekanntes und beliebtes Einhandmodell. Verchromtes Metallgehäuse. Spezialgehärtete Kupfer-Beryllium Membrane. Keine Nullpunktfixierung. Gut ablesbare Aluminiumskala ø 49 mm bis 300 mmHg. Löffel aus rostfreiem Stahl. Latexball und verchromtes Abläßventil. Zwei verchromte Schlauchverschraubungen an der rechten Seite unterhalb des Manometers. In Vinyltasche mit Reißverschluß. Maximale Fehlertoleranz des Gerätes: +/- 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.

Nr. 03133-02 - Mit kalibrierter Nylon-Velcromanschette, 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 ø 49 mm. Maximum reading 300 mmHg. Stainless steel handle. With latex bulb and chrome-plated air release valve. In vinyl zipper case. Maximum error +/- 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.

No. 03133-02 - With calibrated nylon velcro 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 cobre-berilio endurecido especial. Sin fijación a cero. Buena lectura de la escala aluminio ø 49 mm hasta 300 mmHg. Cuchara de acero inoxidable. Pera latex y válvula cromada. Dos atornilladuras de tubo cromadas al lado derecho debajo del manómetro. En estuche vinílico con cierre de cremallera. Tolerancia de errores máxima: +/- 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.

No. 03133-02 - Con brazalete velcro de nilón calibrado, completo con bolsa de latex doble tubos.

Sfigmomanometro ad aneroide 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 ø 49 mm di facile lettura. Valore massimo 300 mmHg. Manico in acciaio inossidabile. Con monopalla di latex e valvola di sfatto cromata. Fornito in borsa vinilpelle con cerniera lampo. Tolleranza +/- 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.

No. 03133-02 - Con bracciale calibrato velcro-nylon completo di camera d'aria a 2 tubi.

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



Nr. 03161-00

Weltbekanntes und preiswertes Otoskop 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 Plastikkonnektor für den pneumatischen Test. Die verchromte Schwenklinsse 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. Komplett 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 pneumático. La lente giratoria es desmontable y amplifica 4,0 veces mas. La intensidad de la luz es regulable con el reostato. Con tres especulos reutilizables 2, 3 y 4 mm ø. Completo en bolsa de plástico de color gris plata.

No. 03161-00

Combinazione otoscopio molto conosciuta, ad un prezzo economico, per ambulatori e studenti. Illuminazione standard 2,5 V con 2 batterie tipo C.

La combinazione comprende: **Testa otoscopio** con 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 riusabili da 2, 3 e 4 mm. **Manico a pila ø 28 mm** per 2 batterie tipo C. Cromato. Con ruota ad orlo zigrinato per fissare la testa dell'otoscopio con chiusura a vite. Con reostato per la regolazione dell'illuminazione. Fornito 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



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 0 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

Combinazione oftalmoscopio molto conosciuta, a prezzo economico, per ambulatori e studenti. Illuminazione standard 2,5 V con 2 batterie tipo C. La combinazione comprende: **Oftalmoscopio di May**: Con chiusura a vite. La rotella di selezione delle lenti 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 per 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. Fornito con busta di plastica di colore grigio argento.

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



Nr. 03161-02

Weitbekanntes 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 Plastikkonnektor für pneumatischen Test. Abnehmbarer Schwenklinsen (Vergrößerung 4,0-fach). 3 wiederverwendbare 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 Rheostaten 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 otoscópico** cromado, con cierre de tornillo. Con cristal de cubierto en armadura plástica, con conector plástico para el test pneumático. Con lente giratorio desmontable (amplificación: 4 veces más). **Cabeza oftalmoscópico 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'inserto 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" 03161-03T

- a) Otoskop, mit Schraubverschluss und 3 Ohrtrichtern, 2-3-4 mm
 Otoscope 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 dioptres with screw fitting
 Oftalmoscopio, 0 a + 20 y 0 a - 20 dioptrías, 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 nasalì 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
 Bombilla de repuesto 2.5 V
 Lampadina di ricambio

ECO "C" 03161-03C

Inhalt gleich wie oben, mit drehbarem Schnellverschluss.
 Contens same as above, but with quick plug-in connector.
 Mismo contenido como arriba pero con CIERRE RAPIDO GIRATORIO.
 Lo stesso contenuto come sopra ma con chiusura a baionetta.

Diagnostik-Bestecke mit Xenonbeleuchtung
 Diagnostic Sets with Xenon illumination
 Estuches de diagnóstico con iluminación Xenon
 Combinazioni per diagnostica con illuminazione Xenon



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 Plastikröhren mit jeweils 5 wiederverwendbaren Ohrtrichtern 2,5 und 4,0 mm geliefert. Komplett in modernem schwarzen Kunststoffetui.

No. 03171-00 - **Otoskop mit Griff AA.**

No. 03171-01 - **Ophthalmoskop mit Griff AA.**

No. 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. Otoscope 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 - **Otoscope with AA-handle.**

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

No. 03171-02 - **Otoscope/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 rosado. **Otoscopio:** fibra óptica. Conexión para test pneumático. Lupa aumenta 2,5 veces más. Mango a pilas para 2 pilas, tipo AA. **Oftalmoscopio:** Lentes de corrección: 0 hasta +20 y 0 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 pneumático 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 diottre. 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
 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

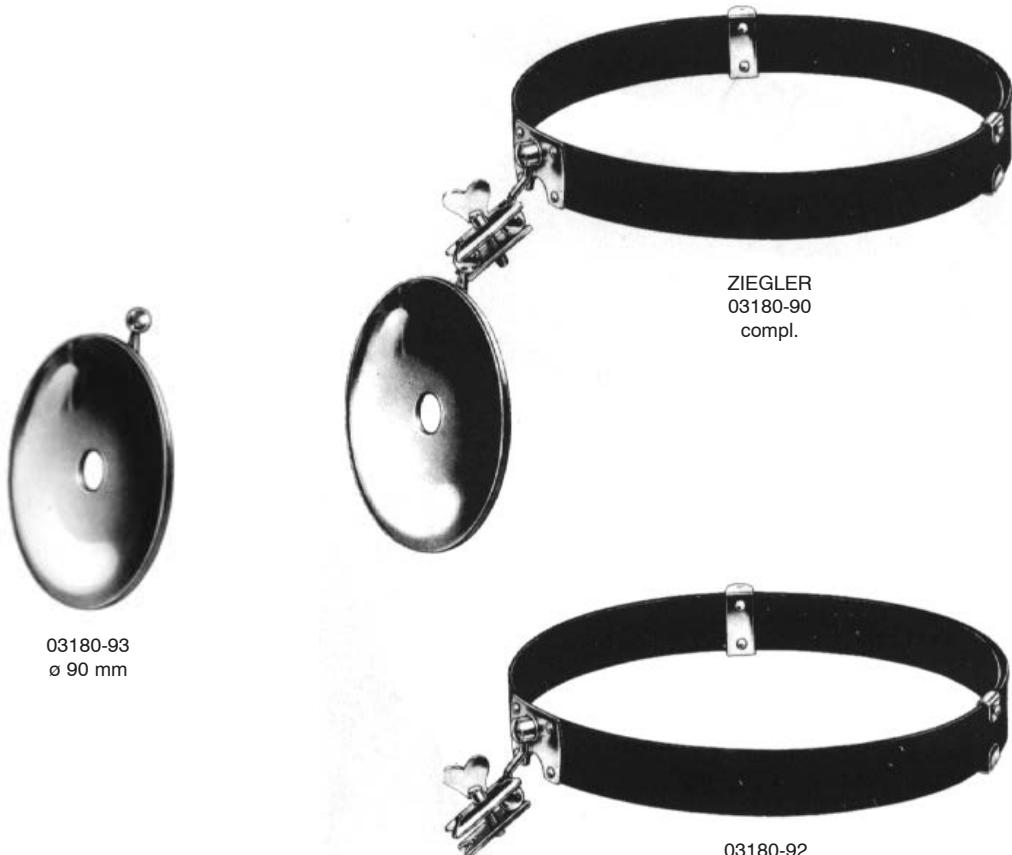
03167-03
 Anteojos para nistagmo, con
 iluminación, con mango para
 pilas en forma horizontal,
 vidrios fijos,

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

03167-03
 Occhiali Nistagmo illuminati
 con manipolo 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



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

03180-92
Stirnstreifen, allein

03180-93
Spiegel, allein
90 mm ø

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

03180-92
head band, only

03180-93
Mirror, only
90 mm ø

03180-90
Ziegler espejo frontal, com-
pleto con cinta negra,
con articulación,
90 mm ø

03180-92
cinta, suelta

03180-93
Espejo, suelto
90 mm ø

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

03180-92
fascia, sola

03180-93
Specchio,
solo 90 mm ø

Stirnlampe
Head Light
Lámpara frontal
Lampada frontale



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



03195-06
6 Volt

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



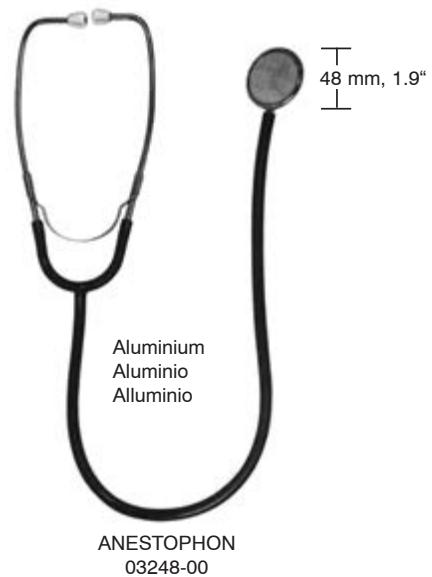
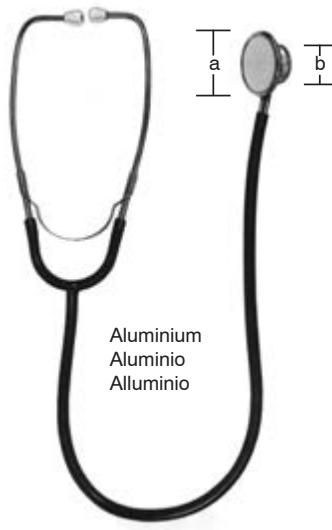
03195-07 Kleintransformator
220 Volt = 0 - 10 Volt / 3 Watt
Mini-Transformer Unit
Transformador eléctrico pequeño
Mini-trasformatore elettrico

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

- 03195-09 CLAR-Spiegel-Gelenkverbindung
CLAR special socket joint
Articulación especial de CLAR
Snodo speciale di CLAR
- 03195-04 Stirnstreifen, alleine
head band, only
cinta frontal, suelta
fascia frontale, sola

- 03195-10 CLAR Kopfspange allein aus
Metall mit Kabellässchen und
Fixierschraube mit Gelenk
CLAR spring metal head band
only, with cable clips and fixing
screw with socket joint
- Casco frontal de resorte metálico
suelto de CLAR, con bridas de
cable, y tornillo de sujeción con
articulación
- Fascia metallica a casco di CLAR,
solo, con portacordoni e vite di
fissaggio a snodo

Stethoskope
Stethoscopes
Estetoscopios
Stetoscopi



	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



03260-15 15 cm, 6"
ALU



03262-18 18 cm, 7"
Holz, wood, madera, legno

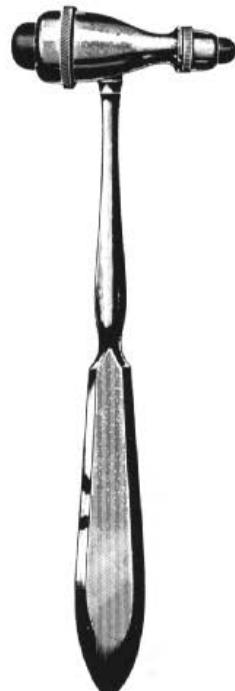
Perkussionshämmmer
Percussion Hammers
Martillos de percusión
Martelli da percussione



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



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



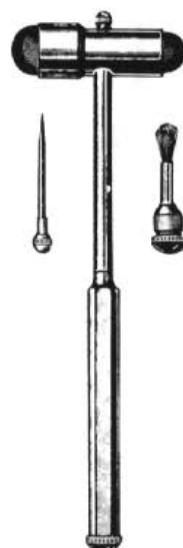
TROEMNER
03294-24 24 cm, 9 $\frac{1}{2}$ "



DEJERINE
03304-20 20 cm, 8"



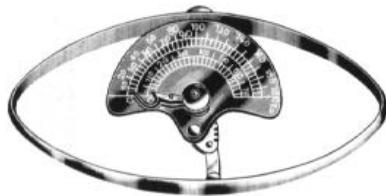
BERLINER
03306-17 17 cm, 6 $\frac{3}{4}$ "



BUCK
03308-18 18 cm, 7"

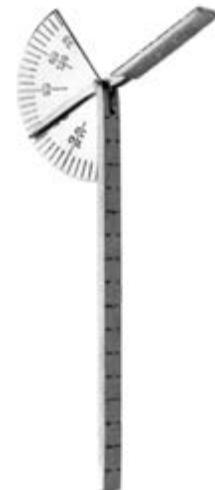
Prüf- und Meßinstrumente
 Examination and Measuring Instruments
 Instrumentos para exámenes y medidas
 Strumenti per esaminare e misurare

Dynamometer
 Dynamometer
 Dinamómetro
 Dinamometro



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

Winkelmeß器
 Goniometer
 Goniómetro
 Goniometro



MOELTGEN
 03312-01

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

03314-01



WARTENBERG
 03320-19 19 cm, 7 1/2"



Wachstuchbandmaß
 Tape Measure, oil cloth
 Cinta métrica, tela encerada
 Metro a nastro in tela cerata

03350-15 1,8 m

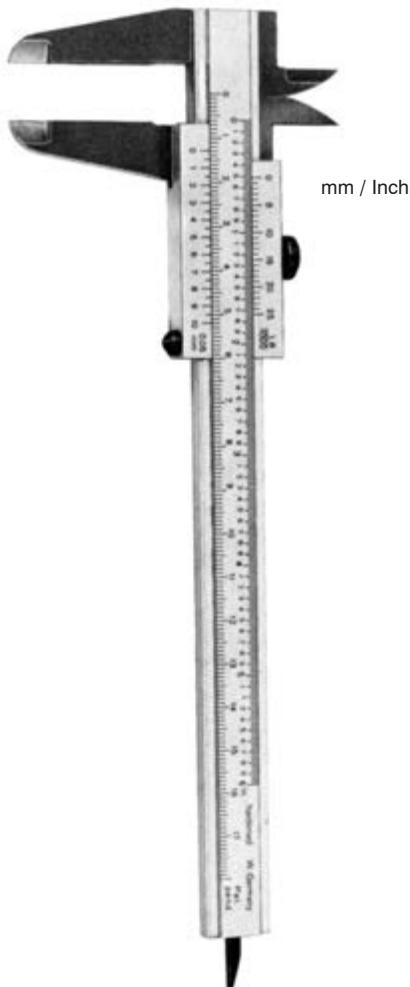
mm / Inch



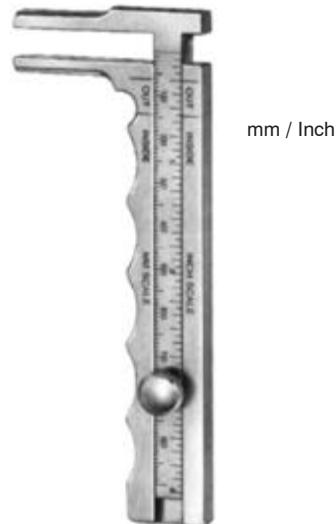
Metall

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 $\frac{1}{4}$ "



TOWNLEY
03361-10
11,5 cm, 4 $\frac{1}{2}$ "

Saugrohre
Suction tubes
Tubos de aspiración
Cannule per aspirazione



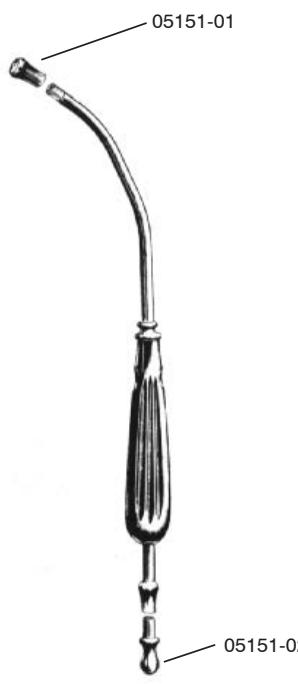
POOLE 20 cm, 8"
05130-05 5.5 mm ø, 0.2"
(17 Fr.)

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.)



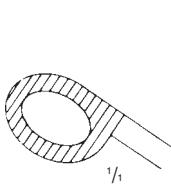
BABY-YANKAUER, compl.
05150-21 21 cm, 8 1/4"

YANKAUER, compl.
05150-27 27 cm, 10 1/2"

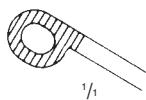
05151-01

05151-02

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



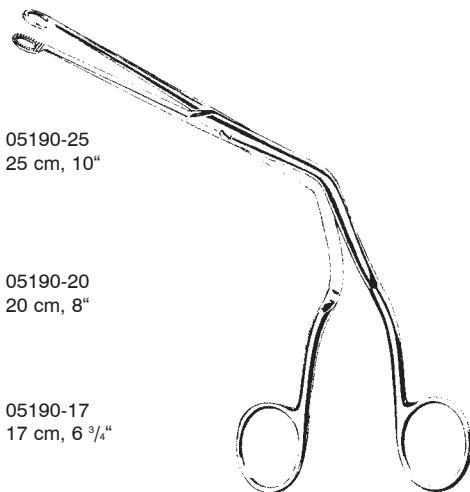
05190-25
25 cm, 10"



05190-20
20 cm, 8"



05190-17
17 cm, 6 3/4"



MAGILL



ANDREW-PYNCHON
05170-24
6 mm ø, 1/2"
24 cm, 9 1/2"



COOLEY
05160-02
8 mm ø, 0.3"
36 cm, 14 1/4"



COOLEY
05160-03
8 mm ø, 0.3"
30 cm, 11 3/4"



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

Laryngoskope
Laryngoscopes
Laringoscopios
Laringoscopi



McINTOSH

Fig. 0	5,5 cm	2 1/4"	05210-00
Fig. 1	7,5 cm	3"	05210-01
Fig. 2	9,0 cm	3 1/2"	05210-02
Fig. 3	11,0 cm	4 3/8"	05210-03
Fig. 4	13,5 cm	5 1/4"	05210-04

Cold light
05211-00
05211-01
05211-02
05211-03
05211-04

05239-03
Halogen-Lampe
Halogen Lamp
Lámpara Halógena
Lampada Alogena



05239-01
f./p. Fig. 0-1



05239-02
f./p. Fig. 2-4



FOREGGER

Fig. 0	5,5 cm	2 1/4"	05220-00
Fig. 1	7,0 cm	2 3/4"	05220-01
Fig. 2	9,0 cm	3 1/2"	05220-02
Fig. 3	11,0 cm	4 3/8"	05220-03
Fig. 4	13,5 cm	5 1/4"	05220-04

Cold light
05221-00
05221-01
05221-02
05221-03
05221-04

05239-03
Halogen-Lampe
Halogen Lamp
Lámpara Halógena
Lampada Alogena



05239-01
f./p. Fig. 0-1



05239-02
f./p. Fig. 2-4

Laryngoskope
Laryngoscopes
Laringoscopios
Laringoscopi

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



05239-01
f./p. Fig. 0-1



05239-02
f./p. Fig. 2-4

Laryngoskope
Laryngoscopes
Laringoscopios
Laringoscopi



McINTOSH

05203-00

Set bestehend aus:
1 Etui
1 Batteriegriff 05234-28
3 Spatel (Fg. 1-3)

Set consisting of:
1 Case
1 Handle
3 Blades (Fg. 1-3)

Juego compuesto de:
1 Estuche
1 Mango
3 Hoja (Fg. 1-3)

Set composto da:
1 Astuccio
1 Manico
3 Spatole (Fg. 1-3)

05204-00

Set bestehend aus:
1 Etui
1 Batteriegriff 05234-28
4 Spateli (Fg. 1-4)

Set consisting of:
1 Case
1 Handle
4 Blades (Fg. 1-4)

Juego compuesto de:
1 Estuche
1 Mango
4 Hoja (Fg. 1-4)

Set composto da:
1 Astuccio
1 Manico
4 Spatole (Fg. 1-4)



FOREGGER

05223-00

Set bestehend aus:
1 Etui
1 Batteriegriff 05234-28
3 Spateli (Fg. 2-4)

Set consisting of:
1 Case
1 Handle
3 Blades (Fg. 2-4)

Juego compuesto de:
1 Estuche
1 Mango
3 Hoja (Fg. 2-4)

Set composto da:
1 Astuccio
1 Manico
3 Spatole (Fg. 2-4)

05224-00

Set bestehend aus:
1 Etui
1 Batteriegriff 05234-28
4 Spateli (Fg. 1-4)

Set consisting of:
1 Case
1 Handle
4 Blades (Fg. 1-4)

Juego compuesto de:
1 Estuche
1 Mango
4 Hoja (Fg. 1-4)

Set composto da:
1 Astuccio
1 Manico
4 Spatole (Fg. 1-4)

Batteriegriffe, Warmlicht
Battery handles, warm light
Mango de pila, luz caliente
Manico a batteria, luce calda



05233-18 18 mm ø, $\frac{3}{4}$ "



05234-28 28 mm ø, 1"
05234-37 37 mm ø, $1\frac{1}{2}$ "



05238-01 30 mm ø, $1\frac{1}{4}$ "

Batteriegriffe, Kaltlicht
Battery handles, cold light
Mango de pila, luz fria
Manico a batteria per luce fredda



05238-02
18 mm ø
 $\frac{3}{4}$ "



05238-03
30 mm ø
 $1\frac{1}{4}$ "



Batteriegriffe, Warmlicht
Battery handles, warm light
Mango de pila, luz caliente
Manico a batteria, luce calda



05240-30 30 mm ø, 1 1/4"
Griff mit Trafo-Anschluß
Handle with Transformer-connection
Mango con conexión al transformador
Manico con connessione al trasformatore



05241-11 Trafo 120 V
05241-22 Trafo 230 V

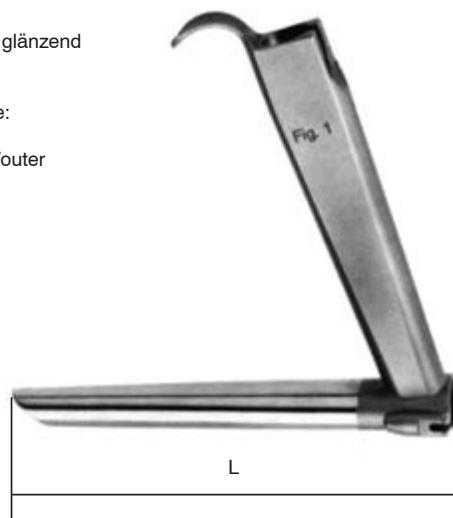
Trafo 120 Volt mit amerikanischem Netzanschluß
Transformer 120 Volt with american mains connection
Transformador 120 V con conexión americana
Trasformatore 120 V ricarica batteria

Trafo 230 Volt mit 1,40 m (55") langem Kabel
Transformer 230 Volt with cable 1,40 m (55") long
Transformador, 230 V con cable de 1,40 m (55")
Trasformatore 230 V ricarica batteria

Laryngoskope
Laryngoscopes
Laringoscopios
Laringoscopi

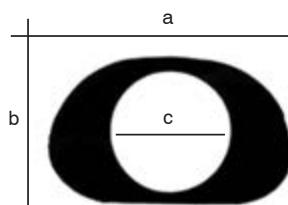
Operation Laryngoskop:
rostfreier Edelstahl
Rohr: innen matt/außen glänzend
Griff: ganz matt

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

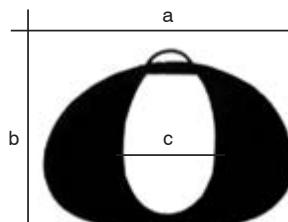


Laringoscopio para operaciones:
Acero inoxidable
Pala: Superficie interior: Mate
Superficie exterior: Brillante
Mango entero: Mate

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



Nr.	L (mm)	a (mm)	b (mm)	c (mm)	Lichtträger light guide Portador de luz 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 (mm)	a (mm)	b (mm)	c (mm)	Lichtträger light guide Portador de luz 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 / 05300-06 Ring / 05300-05 Gelenk

05300-04 Stützstange für Kinder 24 cm / 05300-06 Ring / 05300-05 Gelenk

05300-01/02 Chest Support for adults/children complete consisting of:

05300-03 Support rod for adults 34 cm / 05300-06 Ring / 05300-05 Joint

05300-04 Support rod for children 24 cm / 05300-06 Ring / 05300-05 Joint

05300-01/02 Soporte pectoral para adultos/niños compuesto de:

05300-03 para adultos 34 cm / 05300-06 / 05300-05

05300-04 para niños 24 cm / 05300-06 / 05300-05

05300-01/02 Braccio portalaringoscopio sternale per adulti/bambini composto da:

05300-03 per adulti 34 cm / 05300-06 anello / 05300-05 giunto

05300-04 per bambini 24 cm / 05300-06 anello / 05300-05 giunto

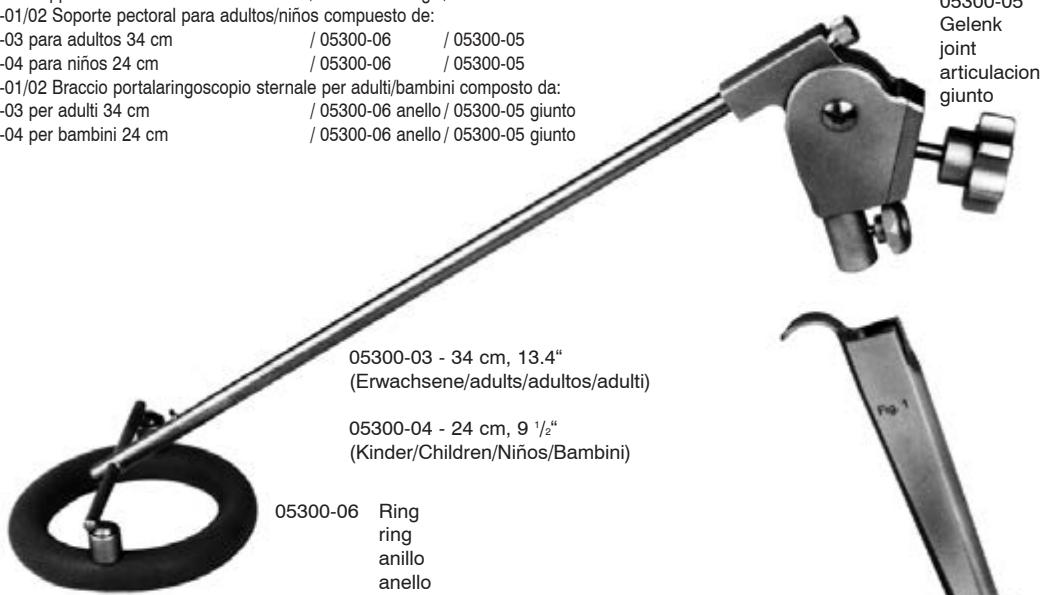
Operationslaryngoskop, Kleinsasser

Operation laryngoscope, Kleinsasser

Laringoscopios operativo, Kleinsasser

Laringoscopio operativo, Kleinsasser

05300-05
Gelenk
joint
articulacion
giunto



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



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

05303-01

Injektionskanüle für Laryngoskope: 05301-01 - 05301-07

Injection drain tube for Laryngoscopes: 05301-01 - 05301-07

Canúla de inyección para laringoscopios: 05301-01 - 05301-07

Cannula da iniezione per laringoscopi: 05301-01 - 05301-07



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

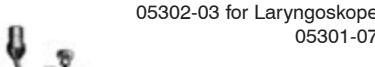
05304-01

Rauchabsaugrohr für Laryngoskop: 05301-03 - 05301-07

Suction tube for Laryngoscopes: 05301-03 - 05301-07

Canúla de succión para laringoscopios: 05301-03 - 05301-07

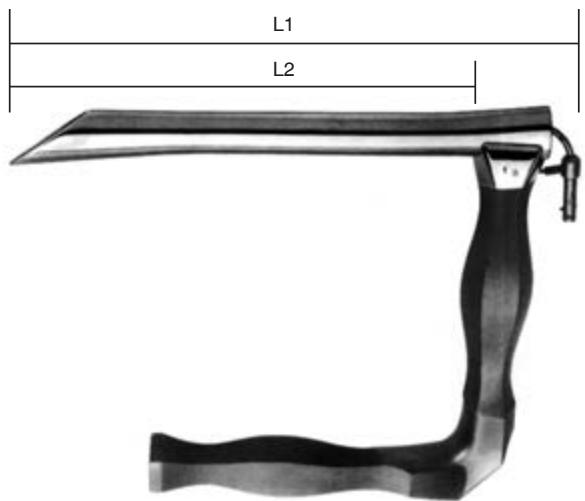
Tubo di aspirazione per laringoscopi: 05301-03 - 05301-07



05302-03 for Laryngoskope
05301-07

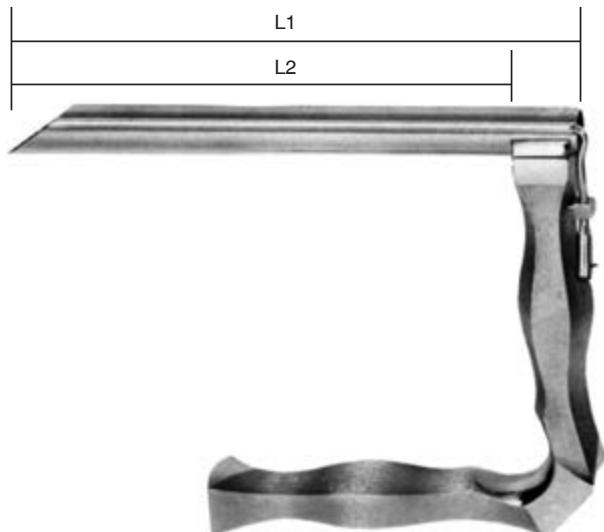


Laryngoskope
Laryngoscopes
Laringoscopios
Laringoscopi



HOLINGER

Nr.	L1	L2	Lichtträger light guide Portador de luz portatore di luce
05310-01	180 mm	157 mm	05311-01
05310-02	170 mm	146 mm	05311-02
05310-03	120 mm	98 mm	05311-03
05310-04	90 mm	77 mm	05311-04



JACKSON

Nr.	L1	L2	Außen-Dm Outer-dm dm-exterior dm-esterno	Innen-Dm Inner-dm dm-interior dm-interno	Lichtträger light guide Portador de luz portatore di luce
05320-01	160 mm	135 mm	17,5 mm	14,5 mm	05321-01
05320-02	160 mm	135 mm	14,5 mm	12,0 mm	05321-02
05320-03	120 mm	105 mm	14,0 mm	11,5 mm	05321-03
05320-04	90 mm	75 mm	13,0 mm	10,0 mm	05321-04

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

passend zu den Klingen
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



07103-00
Fig. 3

(A)



07103-01
Fig. 3 grad.

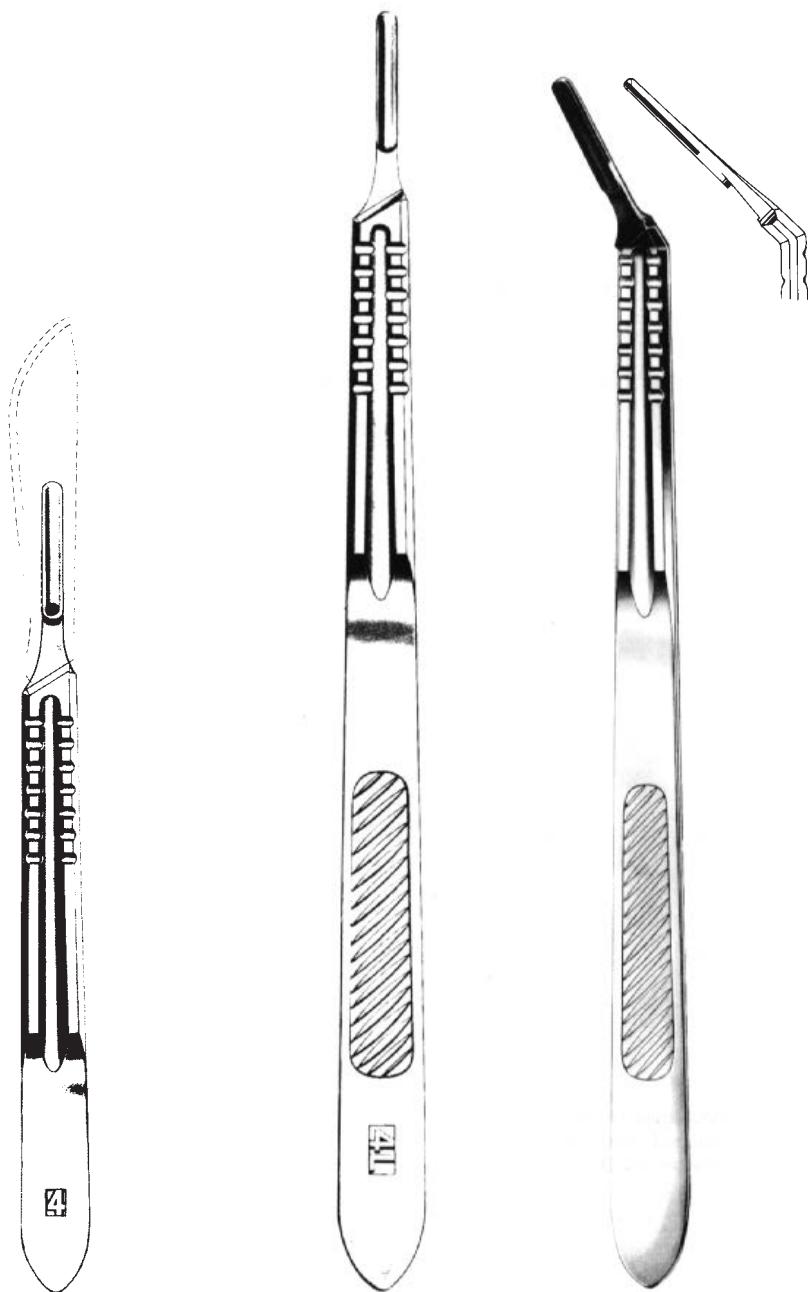
(A)



07103-02
Fig. 3 L

(A)

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



07104-00

Fig. 4

B

07104-02

Fig. 4 L

B

07105-02

Fig. 4 L

B

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



07106-01
14,5 cm 5 $\frac{3}{4}$ "

(A)



07106-02
14 cm 5 $\frac{1}{2}$ "

(A)

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



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



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



07107-03
22,5 cm, 8.9"
(A)



07107-04
22,5 cm, 8.9"
(A)

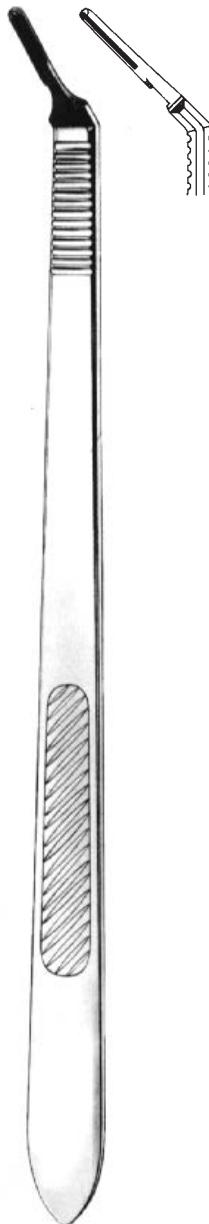
Skalpell-Griffe
Scalpel Handles
Mangos de bisturíes
Manici per lama bisturi



07108-00

Fig. 8

(A)



07109-03

Fig. 3 L

(A)

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

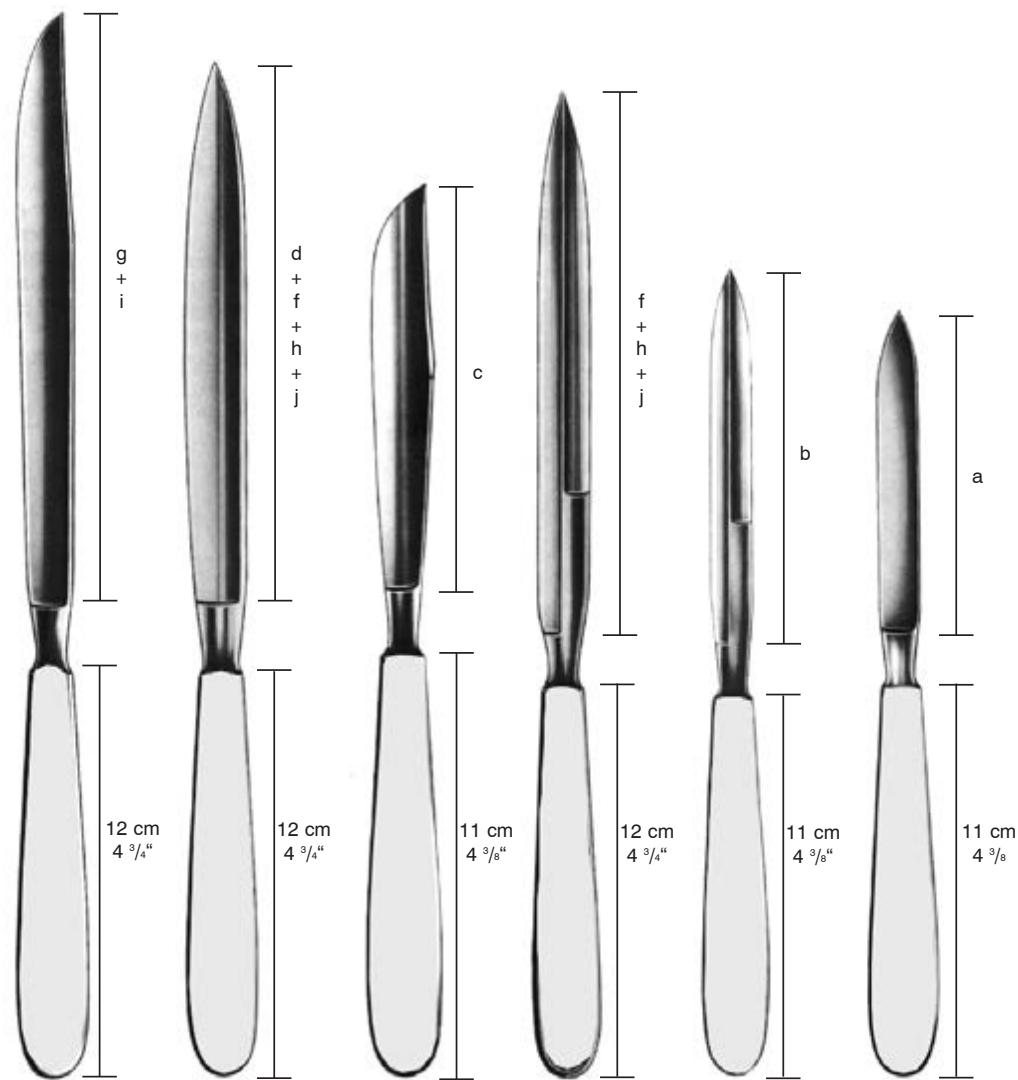


07161-00 07162-00 07165-00 07167-00

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

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

Amputationsmesser
Amputation Knives
Cuchillos para amputaciòn
Coltelli per amputazione



Schnittlänge
Length of blades
Largo de hojas
Lunghezze delle lame

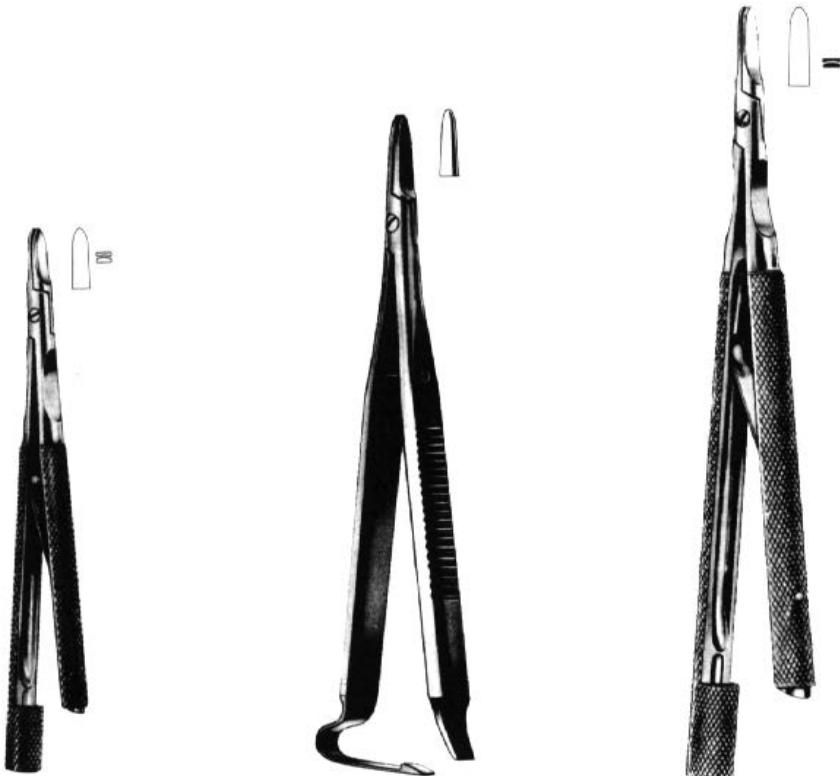
a - 9,5 cm c - 12,0 cm e - 15,0 cm g - 17,0 cm i - 20,0 cm
b - 11,0 cm d - 13,0 cm f - 16,0 cm h - 19,0 cm j - 22,0 cm

a - 3 3/4" c - 4 3/4" e - 6" g - 6 3/4" i - 8"
b - 4 3/8" d - 5" f - 6 1/4" h - 7 1/2" j - 8 3/4"

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

Phalangen-
messer
Phalangeal knife
Cuchillos para
falanges
Coltello per falangi

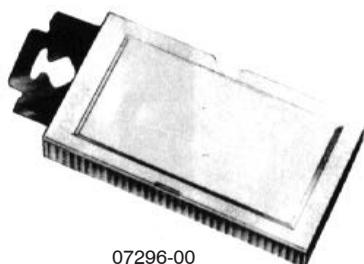
Klingenbrecher, Rasierklingen
 Blade Breakers, Razor Blades
 Rompe-hojas, hojas de afeitar
 Lama di rasoio, Rompilamette



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"



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"

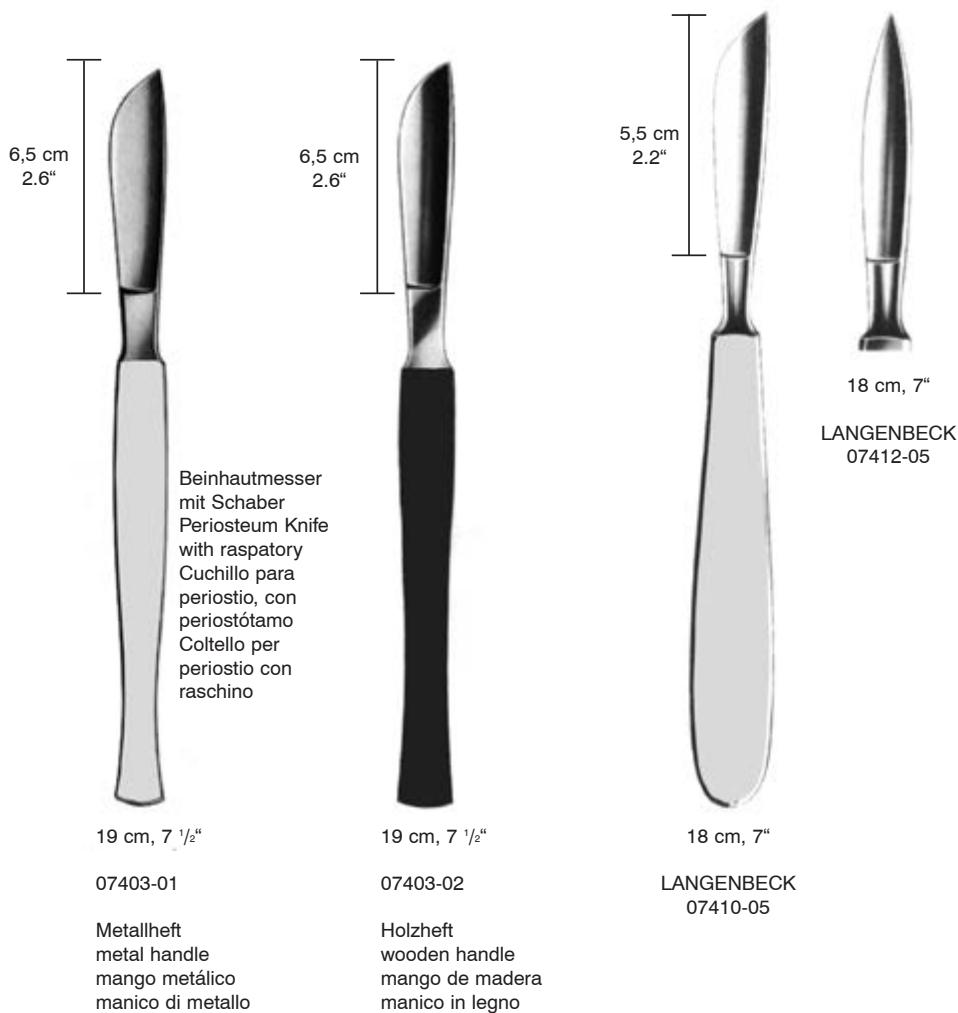


Fig. 9
 07402-09
 16 cm, 6 1/4"
 47 mm, 1.9"



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

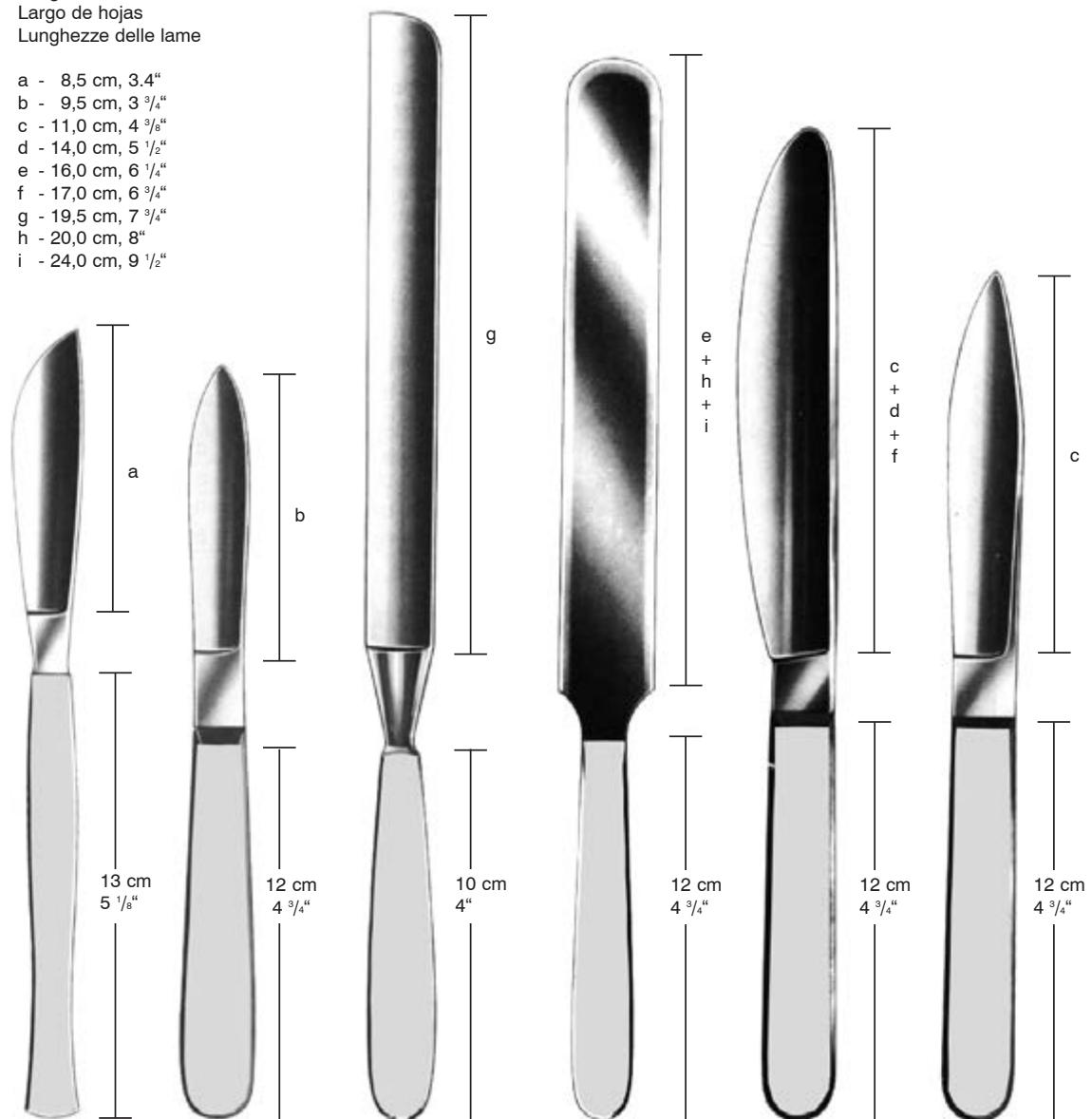
Resektions- und Knorpelmesser
 Resection and Cartilage Knives
 Cuchillos para resección/cartilagos
 Coltelli per resezione e cartilagini



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
 Lunghezza delle lame

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



VIRCHOW
 07420-08

VIRCHOW
 07421-09

07422-19

VIRCHOW
 07423-16
 07423-20
 07423-24

07424-11
 07424-14
 07424-17

07425-11

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

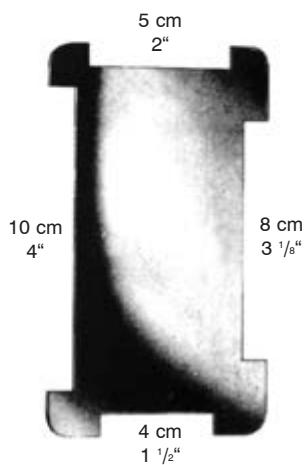


SCHINK
 07490-00
 30 cm, 11 $\frac{3}{4}$ "
 0,1 - 2 mm
 compl.
 mit/with/con

07490-01 (1) Stk./ pcs/ pzas
 07490-02 (2) Stk./ pcs/ pzas



07490-01
 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



07496-00

Rasiermesser 8 cm, 3 1/8"
 Razors 8 cm, 3 1/8"
 Navajas 8 cm, 3 1/8"
 Rasoio 8 cm, 3 1/8"

Dermatome
Dermatome
Dermátomo
Dermatomo



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

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



07499-01
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

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

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, 4 1/2"
09102-13 13,0 cm, 5"
09102-14 14,5 cm, 5 3/4"
09104-14 TC
09102-15 15,5 cm, 6"
09102-16 16,5 cm, 6 1/2"
09102-18 18,5 cm, 7 1/4"
09102-20 20,0 cm, 8"



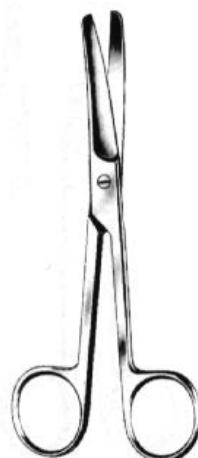
STANDARD

09110-11 11,5 cm, 4 1/2"
09110-13 13,0 cm, 5"
09110-14 14,5 cm, 5 3/4"
09114-14 TC
09110-15 15,5 cm, 6"
09110-16 16,5 cm, 6 1/2"
09110-18 18,5 cm, 7 1/4"
09110-20 20,0 cm, 8"



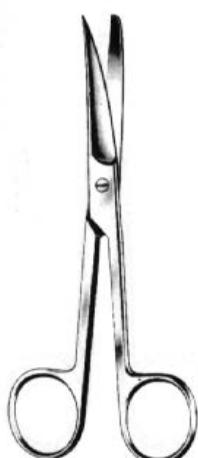
STANDARD

09120-11 11,5 cm, 4 1/2"
09120-13 13,0 cm, 5"
09120-14 14,5 cm, 5 3/4"
09124-14 TC
09120-15 15,5 cm, 6"
09120-16 16,5 cm, 6 1/2"
09120-18 18,5 cm, 7 1/4"
09120-20 20,0 cm, 8"



STANDARD

09103-11 11,5 cm, 4 1/2"
09103-13 13,0 cm, 5"
09103-14 14,5 cm, 5 3/4"
09105-14 TC
09103-15 15,5 cm, 6"
09103-16 16,5 cm, 6 1/2"
09103-18 18,5 cm, 7 1/4"
09103-20 20,0 cm, 8"



STANDARD

09111-11 11,5 cm, 4 1/2"
09111-13 13,0 cm, 5"
09111-14 14,5 cm, 5 3/4"
09115-14 TC
09111-15 15,5 cm, 6"
09111-16 16,5 cm, 6 1/2"
09111-18 18,5 cm, 7 1/4"
09111-20 20,0 cm, 8"



STANDARD

09121-11 11,5 cm, 4 1/2"
09121-13 13,0 cm, 5"
09121-14 14,5 cm, 5 3/4"
09125-14 TC
09121-15 15,5 cm, 6"
09121-16 16,5 cm, 6 1/2"
09121-18 18,5 cm, 7 1/4"
09121-20 20,0 cm, 8"

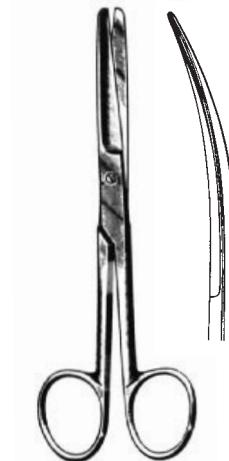
Chirurgische Scheren
Operating Scissors
Tijeras para cirugía
Forbici per chirurgia



Inzisionsschere
Incision Scissors
Tijera de incisión
Forbici per incisione

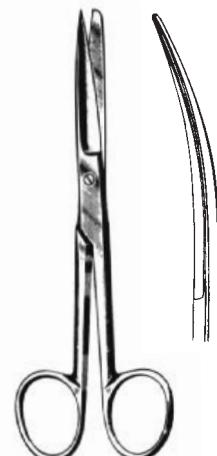
09128-14

14,0 cm
5 1/2"

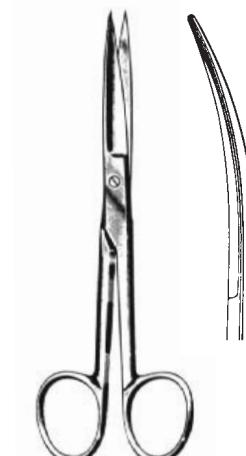


— DEAVER —

09130-14 14 cm 09131-14
5 1/2"



— DEAVER —
09140-14 14 cm 09141-14
5 1/2"



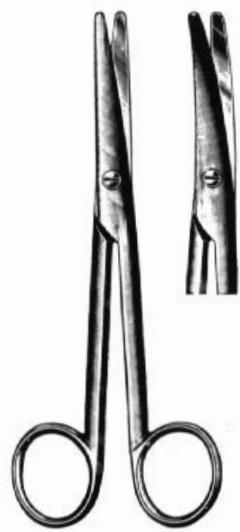
— DEAVER —
09150-14 14 cm 09151-14
5 1/2"

Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione



MAYO

09160-14	14,5 cm	09161-14
09164-14 TC	5 3/4"	09165-14 TC
09160-17	17,0 cm	09161-17
09164-17 TC	6 3/4"	09165-17 TC
09160-19	19,0 cm	09161-19
	<i>7 1/2"</i>	
09160-23	23,0 cm	09161-23
09164-23 TC	9"	09165-23 TC
09160-28	28,0 cm	09161-28
	<i>11"</i>	



MAYO-STILLE

09170-15	15,0 cm	09171-15
09174-15 TC	6"	09175-15 TC
09170-17	17,0 cm	09171-17
09174-17 TC	6 3/4"	09175-17 TC
09170-21	21,0 cm	09171-21
09174-21 TC	8 1/4"	09175-21 TC



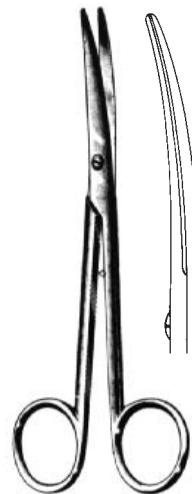
MAYO-NOBLE

09180-17	17,0 cm	09181-17
	<i>6 3/4"</i>	

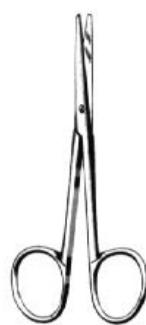
Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione



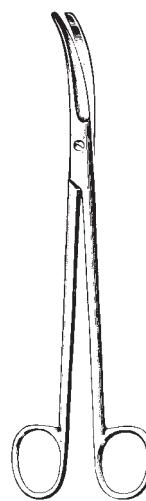
LEXER
09190-16
09194-16 TC
16 cm, 6 1/4"



LEXER
09191-16
09195-16 TC
16 cm, 6 1/4"



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



JORGENSEN
09204-22
22 cm, 8 3/4"

Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione



METZENBAUM
09280-12 09284-12 TC
12 cm 4 3/4"
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 4 3/4"
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 Scissor
Tijeras de disección, Tijera p. cápsula
Forbici per dissezione, Forbici per capsula



WELLER
09289-28
28 cm, 11"



RESANO
09290-25
25 cm, 10"

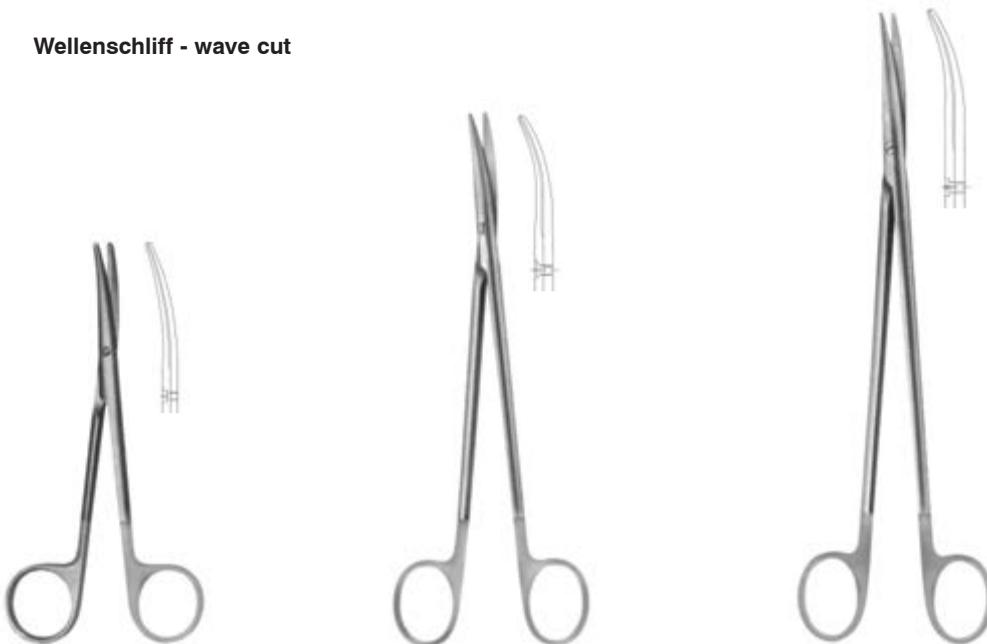
Präparierscheren, Ligaturscheren
Dissecting Scissors, Ligature Scissors
Tijeras de disección, Tijeras para ligaduras
Forbici per dissezione, Forbici per legature



METZENBAUM "S"

09291-18 18 cm, 7" 09295-18 TC
09291-20 20 cm, 8" 09295-20 TC
09291-23 23 cm, 9" 09295-23 TC

Wellenschliff - wave cut

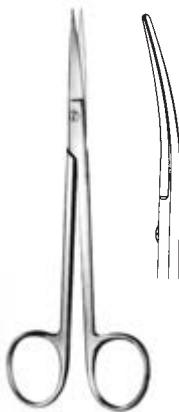


09296-15 TC
14,5 cm 5 3/4"

09296-18 TC
18 cm 7"

09296-23 TC
23 cm 9"

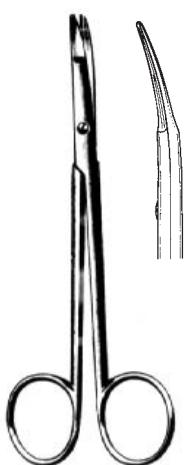
Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione



— SANVENERO —
09302-14 14 cm 09303-14
5 1/2"



— JOSEPH —
09304-14 14 cm 09305-14
5 1/2"



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



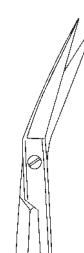
09340-09 9 cm
09340-10 10 cm
09340-11 11 cm
09344-11 TC

gerade
straight
rectas
rette



09341-09
09341-10
09341-11
09345-11 TC

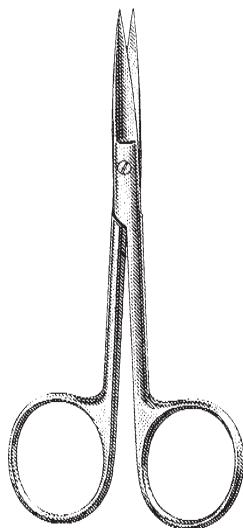
gebogen
curved
curvas
curve



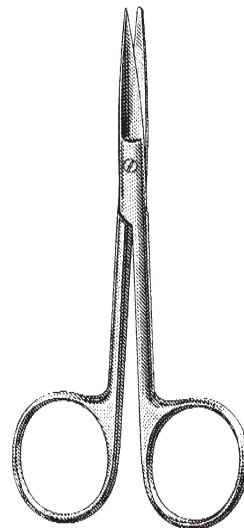
09346-11 11 cm

abgewinkelt
angled
angulada
angolata

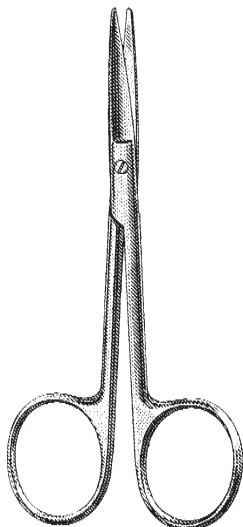
Chirurgische Scheren, Präparierscheren
Operating Scissors, Dissecting Scissors
Tijeras para cirugía, Tijeras de disección
Forbici per chirurgia, Forbici per dissezione



— KNAPP
09348-01 10 cm, 4" 09348-02



— KNAPP
09348-03 10 cm, 4" 09348-04

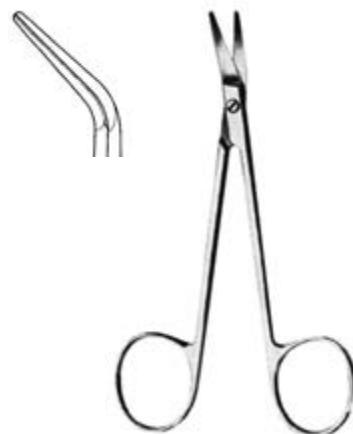


— KNAPP
09348-05 10 cm, 4" 09348-06



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 4 1/2"

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



09350-09 GRADLE 9,5 cm, 3³/₄" 09351-09



09352-09 9,5 cm, 3³/₄" 09353-09



09354-10 10 cm, 4" 09355-10

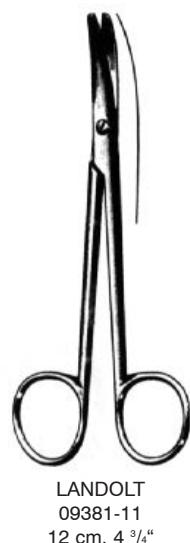
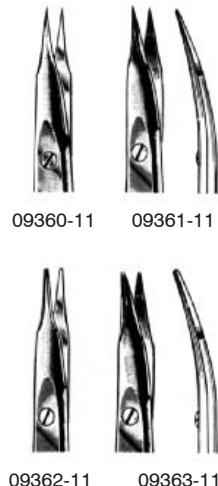
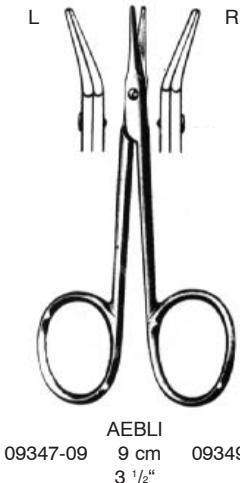


09356-10 10 cm, 4" 09357-10

Scheren
Scissors
Tijeras
Forbici

Sehnenscheren
Tendon Scissors
Tijeras para tendones
Forbici per tenotomia

Enukleationsschere
Enucleation Scissors
Tijera para enucleación
Forbici per enucleazione



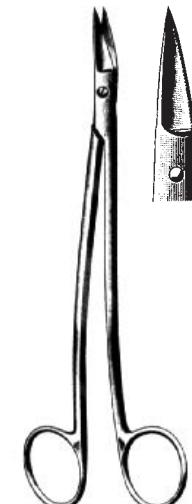
Nasenscheren - Nasal Scissors - Tijeras nasales - Forbici nasali



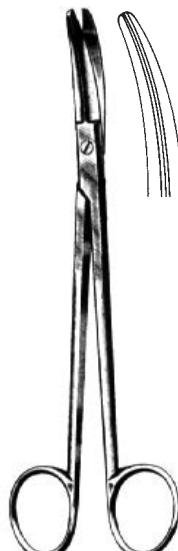
Tonsillen-, Gefäßscheren
 Tonsil, Vascular Scissors
 Tijeras amígdalas y vasculares
 Forbici per tonsilli e vascolari



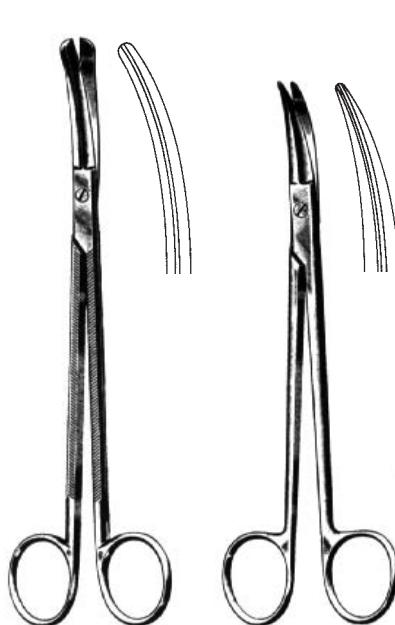
COTTLER
09405-16
09406-16 TC
16 cm, 6 1/4"



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



BOETTCHER
09435-18
18 cm, 7"



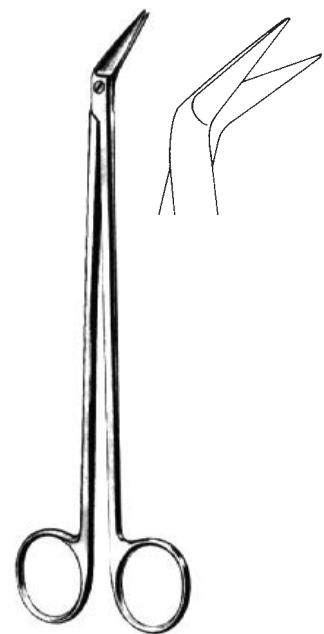
GOOD
09437-19
19 cm, 7 1/2"



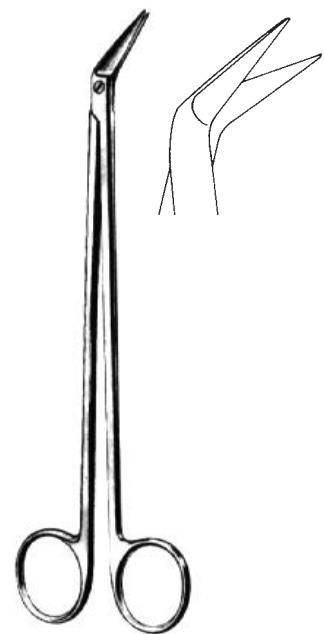
PRINCE
09439-17
17 cm, 6 3/4"



09468-15
15 cm, 6"

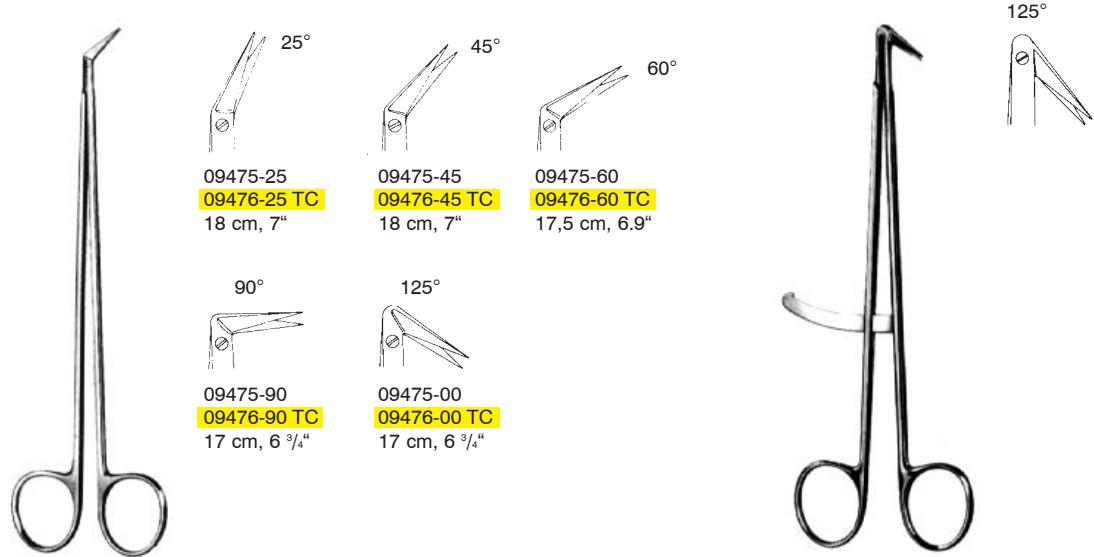


09470-11
11 cm, 4 3/8"



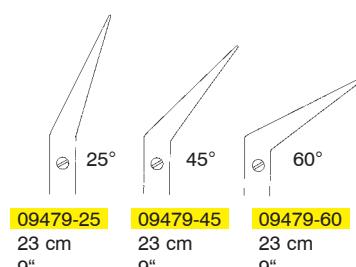
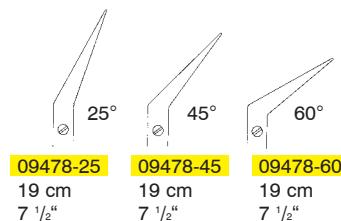
POTTS-DE MARTEL
09473-21
21 cm, 8 1/4"

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

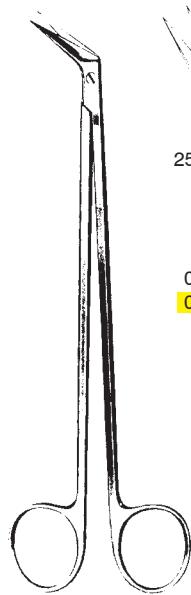


DIETRICH
 09475-25 – 09475-00
 17 cm, 6 3/4"

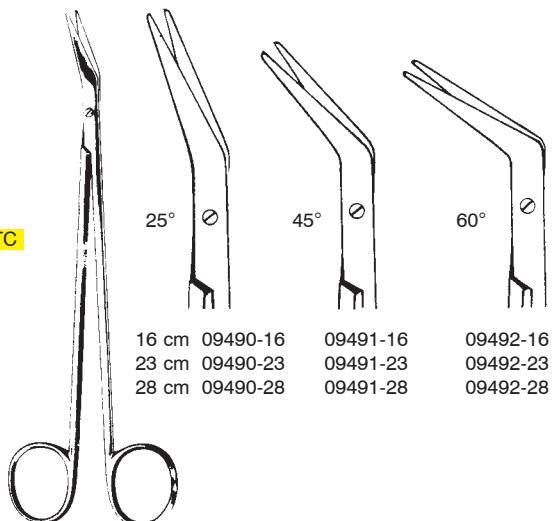
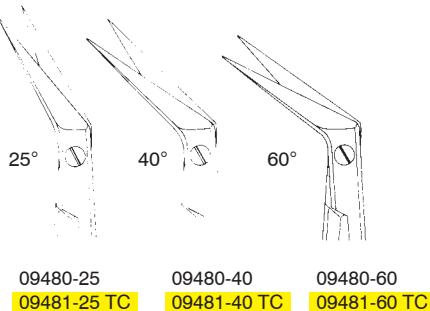
DIETRICH
 09477-01
 17 cm, 6 3/4"



Gefäßscheren
Vascular Scissors
Tijeras vasculares
Forbici vascolari



POTTS-SMITH
19 cm, 7 1/2"

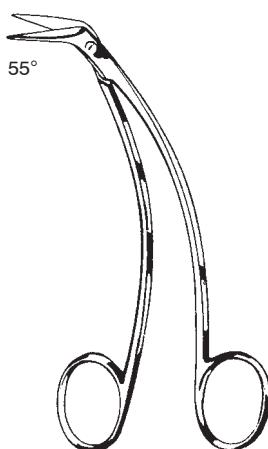


DE BAKEY

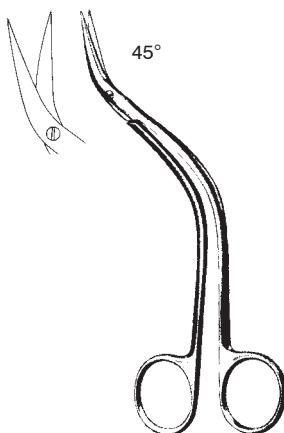
16 cm 09490-16
23 cm 09490-23
28 cm 09490-28

09491-16
09491-23
09491-28

09492-16
09492-23
09492-28



FAVALORO
09496-15 15 cm, 6"

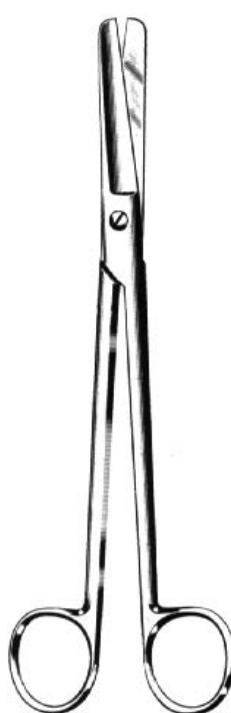


DE BAKEY
09497-15 15,5 cm, 6"



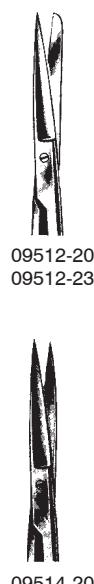
KELLY
09540-16 09541-16
09542-16 TC 09543-16 TC
16 cm, 6 1/4"

Gynäkologische Scheren
Gynecological Scissors
Tijeras ginecológicas
Forbici ginecologiche



SIMS

09510-20 20 cm, 8" 09511-20
09510-23 23 cm, 9" 09511-23
09516-23 TC 23 cm, 9" 09517-23 TC

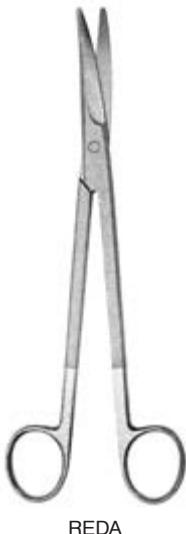
09512-20
09512-2309513-20
09513-2309515-20
09515-23

SIEBOLD

09523-24 24 cm, 9 1/2"

Gynäkologische Scheren
Gynecological Scissors
Tijeras ginecológicas
Forbici ginecologiche

Parametriumscheren - Parametrium scissors - Parametrium nasales - Parametrium nasali



REDA



09501-23 23 cm, 9"
09505-23 TC 23 cm, 9"
09505-26 TC 26 cm, 10 1/4"
09505-30 TC 30 cm, 12"



09501-22 22,5 cm, 8.9"
09507-23 TC 23 cm, 9"
09507-26 TC 26 cm, 10 1/4"
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, 10 1/2"

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



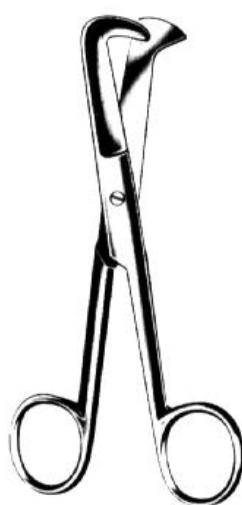
WALDMANN
 09548-18
 18 cm, 7"



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



BUSCH
 09551-16
 16 cm, 6 1/4"

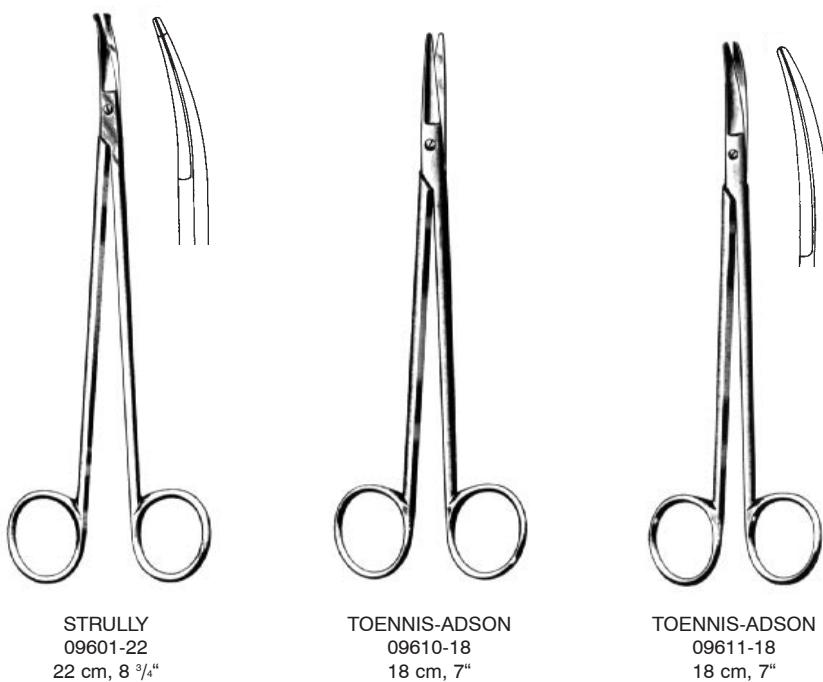
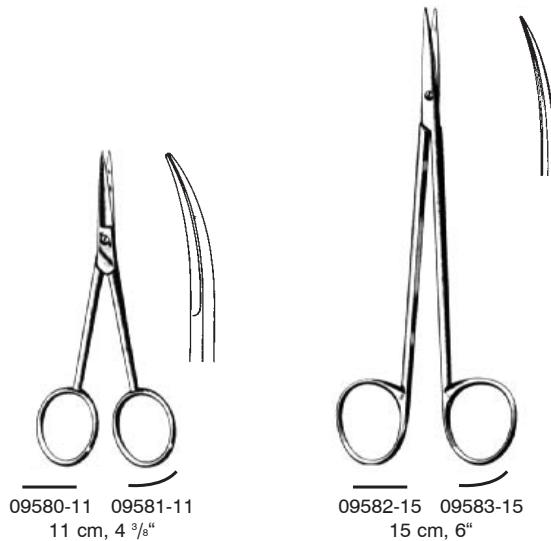


SCHUMACHER
 09553-16
 16 cm, 6 1/4"



BRAUN-STADLER
 09560-14 14,5 cm, 5 3/4"
 09560-22 22,0 cm, 8 3/4"

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



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



gezahnt
saw edge
dentadas
dentellata

MARTIN
09613-20
20 cm, 8"



McINDOE
09614-19
19 cm, 7 1/2"

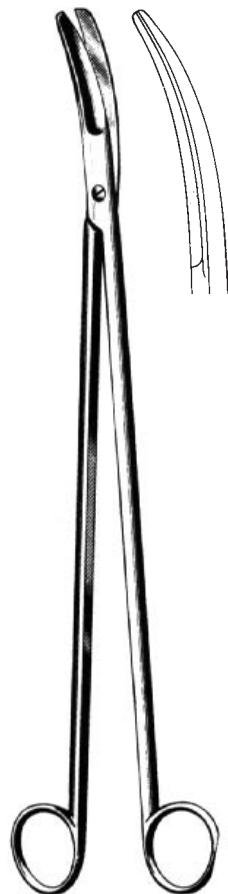


FOMON
09617-13
13 cm, 5 1/8"



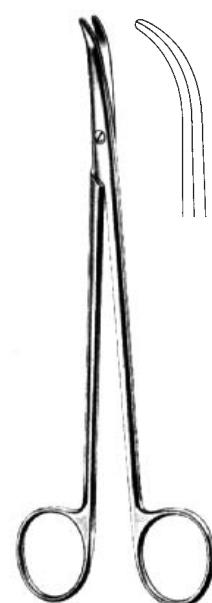
SCHMIEDEN-TAYLOR
09619-17
17 cm, 6 3/4"

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



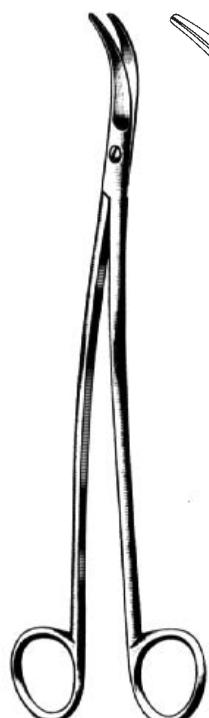
CRAFOORD

09641-30
30 cm, 11 3/4"



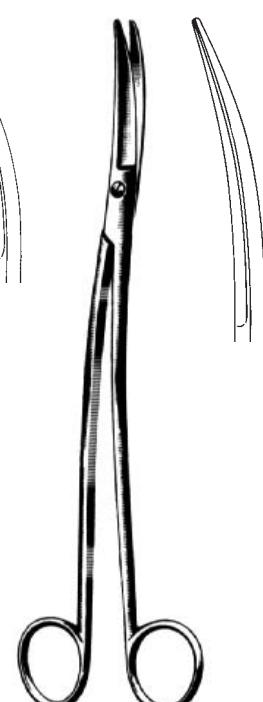
THOREK

09643-19 19 cm, 7 1/2"
09643-25 25 cm, 10"



SATINSKY

09651-24
24,5 cm, 9 1/2"



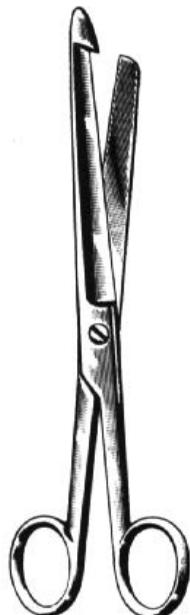
KLINKENBERGH-LOTH

09661-23
23 cm, 9"

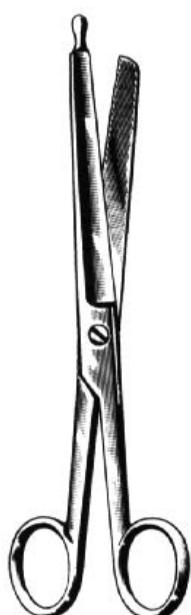
Darmscheren, Nagelspaltschere, Fadenscheren
 Enterotomy Scissors, Nail Splitting Scissors, Stitch Scissors
 Tijeras para intestino, Tijeras para hender uña, Tijeras para hilos
 Forbici per enterotomia, Forbici per staccare unghie, Forbici per legature



FERGUSSON
09770-18
18 cm, 7"



SPENCER
09802-09
9 cm, 3 1/2"



NORTHBENT
09803-09
09803-13
9 cm, 3 1/2"
13 cm, 5 1/8"



HEATH
09809-15
15 cm, 6"

SYSTRUNK
09775-13
13 cm, 5 1/8"



SPENCER
09802-11
11 cm, 4 5/8"

SPENCER
09802-11
11 cm, 4 5/8"

NORTHBENT
09803-09
09803-13
9 cm, 3 1/2"
13 cm, 5 1/8"

LITTAUER
09804-14
14 cm, 5 1/2"

HEATH
09809-15
15 cm, 6"

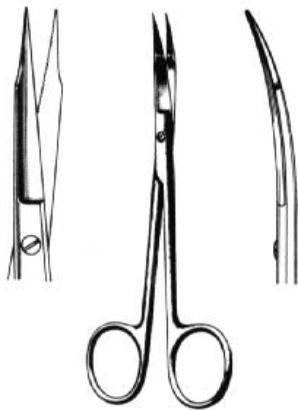
Zahnfleischscheren, feine Scheren, Drahtschere
 Gum Scissors, Delicate Scissors, Wire Cutting Scissors
 Tijeras para encías, Tijeras finas, Tijeras para alambre
 Forbici per gengiva, Forbici delicate, Forbici per filo di metallo

1 Schneide gezahnt

1 blade toothed

1 hoja dentada

1 taglio della lama dentellato



GOLDMAN-FOX WAGNER
 09820-13 13 cm, 5 1/8" 09821-13 12 cm, 4 3/4"

gerade
 straight
 rectas
 rette

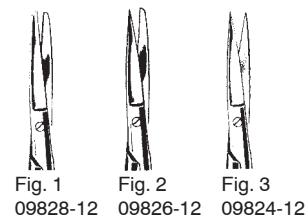


Fig. 1 09828-12 Fig. 2 09826-12 Fig. 3 09824-12

gebogen
 curved
 curvas
 curve

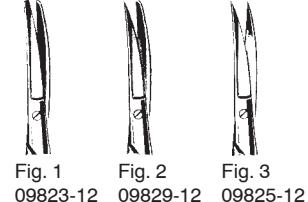


Fig. 1 09823-12 Fig. 2 09829-12 Fig. 3 09825-12



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

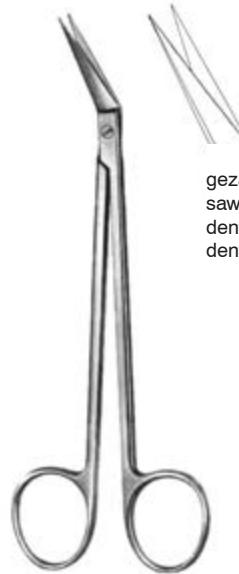
09851-10
gebogen spitz
curved pointed
curvas agudas
curve acute

BEEBEE
10,5 cm, 4"

Zahnfleischscheren
Gum Scissors
Tijeras para encias
Forbici per gengiva



LA GRANGE
09854-11
11,5 cm, 4 1/2"



LOCKLIN
09859-16
16 cm, 6 1/4"

gezahnt
saw edge
dentadas
dentellata



LOCKLIN
09860-16
16,5 cm , 6 1/2"



LOCKLIN
09861-16 TC
16,5 cm, 6 1/2"

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
 20 cm, 8"



LISTER	
9 cm, 3 1/2"	09901-09
11 cm, 4 3/8"	09901-11
14 cm, 5 1/2"	09901-14
18 cm, 7"	09901-18
20 cm, 8"	09901-20

09905-14 TC 09905-18 TC



LISTER
 09906-18 18 cm, 7"
 09906-20 20 cm, 8"



BERGMANN
 09911-23
 23 cm, 9"

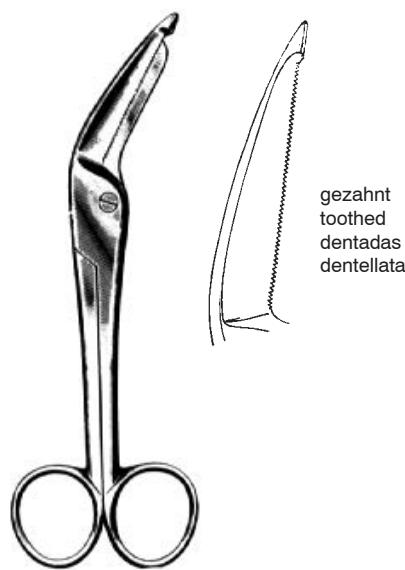
Gipsscheren, Verbandscheren
 Plaster Scissors, Bandage Scissors
 Tijeras para yeso, Tijeras para vendajes
 Forbici per gesso, Forbici per bendaggi



ESMARCH
 09913-20 20 cm, 8"
 09913-22 22 cm, 8 3/4"



SEUTIN
 09915-23
 23 cm, 9"



REDA EXCENTER
 09921-16 16 cm, 6 1/4"
 09921-19 19 cm, 7 1/2"

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



KNOWLES
 09930-14
 14 cm, 5 1/2"



KNOWLES
 09931-14
 14 cm, 5 1/2"



LORENZ
 09933-23
 23 cm, 9"

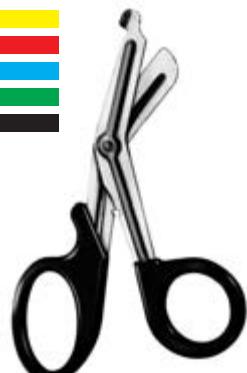


BRUNS
 09935-23 23 cm, 9"
 09937-23 23 cm, 9"



09941-20
 20 cm, 8"

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, 5 ¾"



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, 4 ½"



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, 4 1/2"



— WAGNER —
 09982-12 09983-12
 12 cm, 4 3/4"



— STEVENS —
 09984-11 09985-11
 11,5 cm, 4 1/2"



LaGrange
 09986-11 11,5 cm, 4 1/2"



LISTER
 09990-14 14,5 cm, 5 3/4"
 09990-18 18,0 cm, 7"



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



KILNER/RAGNELL
 09995-12 12 cm, 4 3/4"

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



10010-19
10012-19 TC
10014-19 Supercut

10011-19
10013-19 TC
10015-19 Supercut



GORNEY
19 cm, 7 1/2"



10016-17 17,0 cm, 6 3/4"
10018-20 20,5 cm, 8"

TC
10020-17 17,0 cm, 6 3/4"
10022-20 20,5 cm, 8"

Supercut
10024-17 17,0 cm, 6 3/4"
10026-20 20,5 cm, 8"

REES



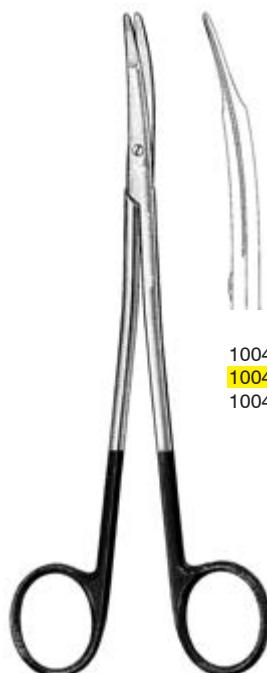
TC
10028-14 14,5 cm, 5 3/4"
10030-18 18,5 cm, 7 1/4"
10032-23 23,0 cm, 9"

Supercut
10034-14 14,5 cm, 5 3/4"
10036-18 18,5 cm, 7 1/4"
10038-23 23,0 cm, 9"

KAYE

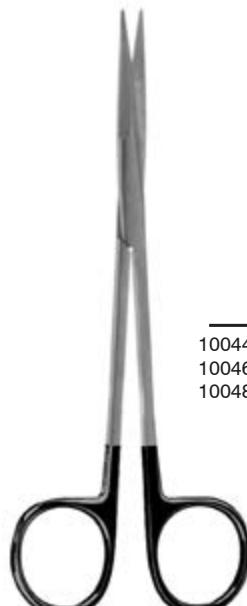


Face-Lift-Scheren
Face-Lift-Scissors
Tijeras para Face-Lift
Forbici per Face-Lift



10040-18
10041-18 TC
10042-18 Supercut

FREEMAN
18 cm, 7"



10044-14
10046-14 TC
10048-14 Supercut

10045-14
10047-14 TC
10049-14 Supercut

PECK JOSEPH
14,5 cm, 5 $\frac{3}{4}$ "

Augenscheren
Ophthalmic Scissors
Tijeras oculares
Forbici oculistiche



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 $\frac{3}{4}$ "



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



10113-11
spitz
pointed
agudas
acute



10115-11
spitz / stumpf
pointed / blunt
agudas / romas
acute / smusse



10117-11
stumpf
blunt
romas
smusse



BARRAQUER
10119-10 5,5 cm, 2,2"
(Colibri)

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



10120-16	16,0 cm, 6 1/4"	10121-16
10120-18	18,5 cm, 7 1/4"	10121-18
10120-22	22,5 cm, 8.9"	10121-22



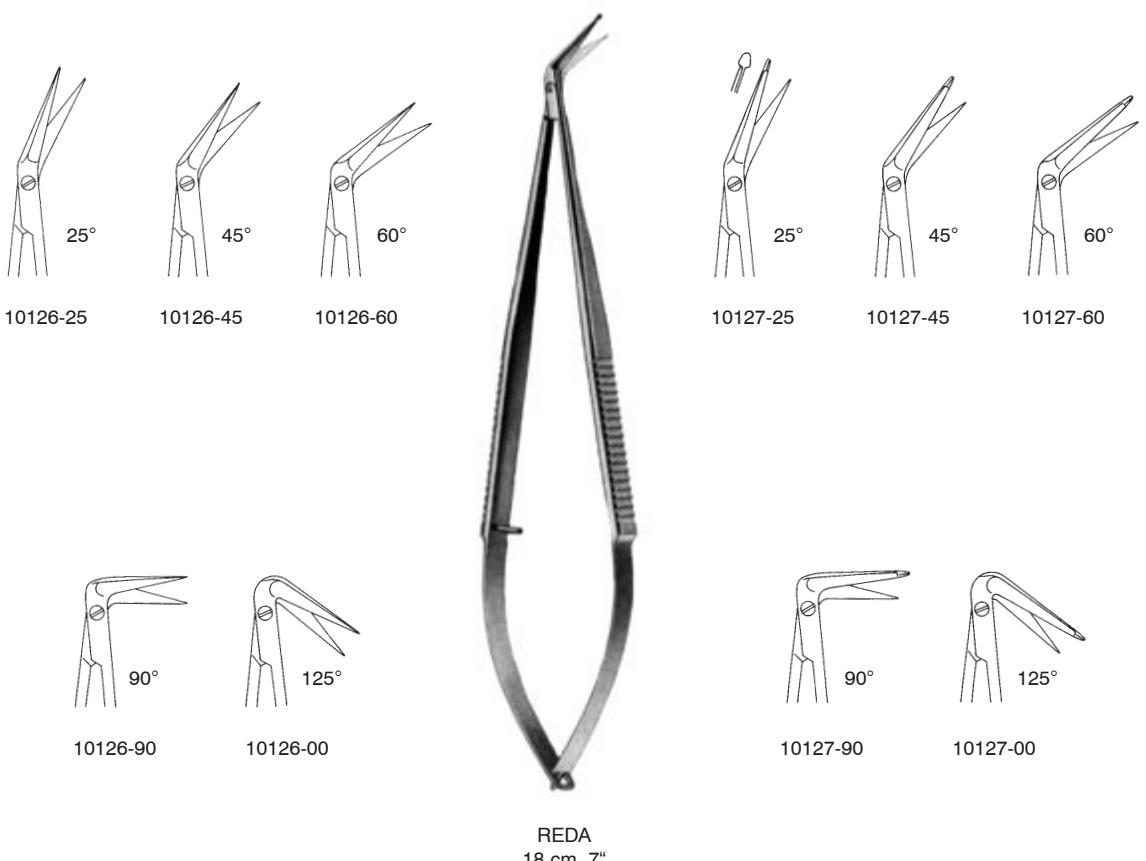
10122-16	16,0 cm, 6 1/4"	10123-16
10122-18	18,5 cm, 7 1/4"	10123-18
10122-22	22,5 cm, 8.9"	10123-22



10124-16	16,0 cm, 6 1/4"	10125-16
10124-18	18,5 cm, 7 1/4"	10125-18
10124-22	22,5 cm, 8.9"	10125-22

Circumflex

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



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



10128-09
9 cm, 3 1/2"



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, 5 1/2"
10131-18 18 cm, 7"



HEPP-SCHEIDEL
10132-18
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
---	--

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

Iridektomie, Iridectomy, Iridectomía, iridectomia



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"

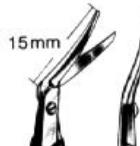


10142-08
kniegebogen
angular
acodada
angolate



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"



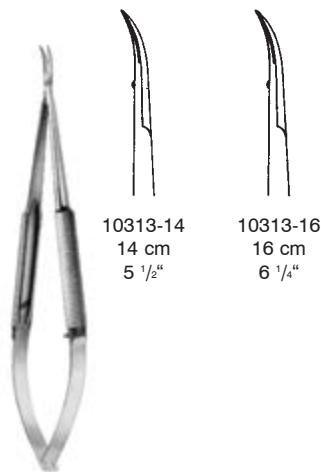
CASTROVIEJO
10155-11 11 cm, 4 3/8"



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



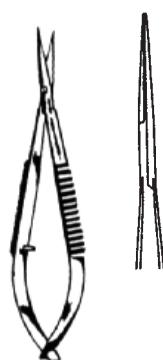
— REDA —
10202-18 - 10203-18
18 cm, 7"



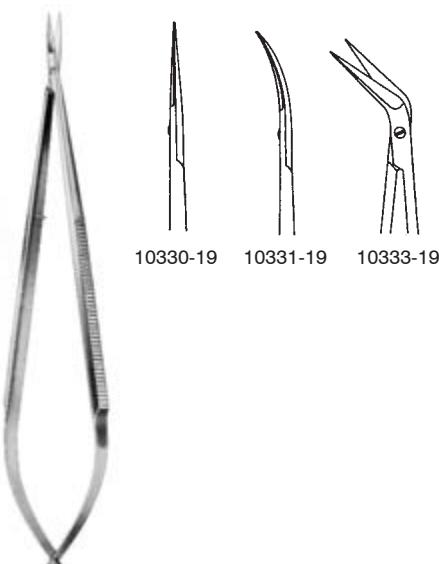
GOMEL

10313-14
14 cm
5 1/2"

10313-16
16 cm
6 1/4"



REDA micro
10320-09
9 cm, 3 1/2"



REDA
10330-19 - 10333-19
18,5 cm, 7 1/4"

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 1/4"	11102-10		
11,5	4 1/2"	11102-11		
12,0	4 3/4"		11104-12	
13,0	5 1/8"	11102-13	11104-13	11106-13
14,5	5 3/4"	11102-14	11104-14	
15,0	6"	11103-14	11104-15	11106-15
16,0	6 1/4"	11102-16		
18,0	7"	11102-18	11104-18	
20,0	8"	11102-20		
21,0	8 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 1/2"	11110-11		
13,0	5 1/8"	11110-13		
14,5	5 3/4"	11110-14	11114-14 TC	
16,0	6 1/4"	11110-16	11114-16 TC	
18,0	7"	11110-18		11112-18
20,0	8"	11110-20	11114-20 TC	11126-18
21,0	8 1/4"			11112-21
25,0	10"	11110-25	11114-25 TC	11112-25
30,0	12"	11110-30		11116-21 TC
				11116-25 TC

Chirurgische Pinzetten
Tissue Forceps

Pinzas de disección, con dientes
Pinze per dissezione, chirurgiche

STANDARD



schmal
narrow
estrecha
stretta

cm		USA	STILLE	
10,5	4 1/4"	11120-10		
11,5	4 1/2"	11120-11		11130-11
12,0	4 3/4"		11122-12	
13,0	5 1/8"	11120-13	11122-13	11130-13
14,5	5 3/4"	11120-14	11122-14	11130-14
15,0	6"			11124-15
15,5	6"		11122-15	
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		

OEHLER



cm				
11,5	4 1/2"		11140-11	
13,0	5 1/8"		11140-13	11160-13
14,5	5 3/4"		11140-14	11160-14
16,0	6 1/4"	11132-16 TC	11140-16	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	
30,0	12"	11132-30 TC		

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, 4 $\frac{3}{4}$ "
 11170-15 15,0 cm, 6"



ADSON
 11174-12 TC 12,0 cm, 4 $\frac{3}{4}$ "
 11174-15 TC 15,0 cm, 6"



ADSON micro
 11176-12 12,0 cm, 4 $\frac{3}{4}$ "
 11176-15 15,0 cm, 6"



ADSON-DEBAKEY atraumatic
 11177-12
 12,0 cm, 4 $\frac{3}{4}$ "



ADSON
 11178-12
 12,0 cm, 4 $\frac{3}{4}$ "



ADSON
 11179-12
 12 cm, 4 $\frac{3}{4}$ "

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



ADSON
 11180-12 12,0 cm, 4 3/4"
 11180-15 15,0 cm, 6"



ADSON
 11181-12 TC 12,0 cm, 4 3/4"
 11181-15 TC 15,0 cm, 6"



ADSON micro
 11186-12 12,0 cm, 4 3/4"
 11186-15 15,0 cm, 6"



ADSON
 11187-12
 12 cm, 4 3/4"



ADSON-BROWN
 11188-12 12,0 cm, 4 3/4"
 11188-15 15,0 cm, 6"
 11189-12 TC 12,0 cm, 4 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 20 cm, 8"
 11187-25 25 cm, 10"
 11187-30 30 cm, 11 $\frac{3}{4}$ "



CUSHING
 11220-17
11224-17 TC
 17,0 cm, 6 $\frac{3}{4}$ "

CUSHING
 11222-17
11225-17 TC
 17,0 cm, 6 $\frac{3}{4}$ "

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
 20 cm, 8"



LANE
 11240-14
 14,5 cm, 5 3/4"



LANE
 11242-14
 14,5 cm, 5 3/4"

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"

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"



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"



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



11274-06
0,6 mm

11274-08
0,8 mm

11274-10
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"



1x2



11315-01



TAYLOR
17 cm, 6 3/4"



1x2

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 3/4"

11316-16
16 cm, 6 1/4"

11316-20
20 cm, 8"

DURANTE



BONNEY
18 cm, 7"



11317-00
ohne Zähne
without teeth
sin dientes
senza denti

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



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 3/4"



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"



WANGENSTEEN
 11324-23
 23 cm 9"



11325-15 TC
 15 cm, 6"
 11325-23 TC
 23 cm, 9"
 11325-25 TC
 25 cm, 10"



MAYO
 11326-23 23 cm, 9"



STRASSBURGER
 MODELL



1x2
 11328-15 15 cm, 6"
 11328-20 20 cm, 8"

Uhrmacherpinzetten
Jeweler Type Forceps
Pinzas de relojero
Pinze da orologio

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, 3 1/2"
11802-10 10,5 cm, 4.1"
11802-11 11,5 cm, 4 1/2"



FEILCHENFELD
11810-07 7,5 cm, 3"
11810-09 9,0 cm, 3 1/2"
11810-11 11,5 cm, 4 1/2"



HUNTER
11812-10 10,5 cm, 4.1"



HUNTER
11813-10
10,5 cm, 4.1"



HUNTER
11815-12
12,5 cm, 5"



CARMALT
11816-10
10,5 cm, 4.1"

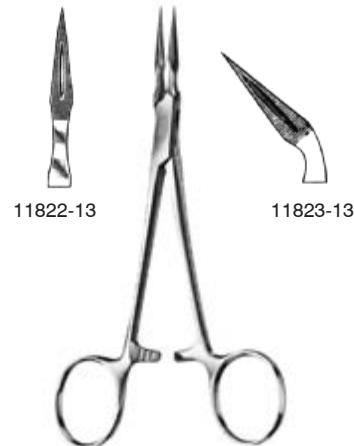


CARMALT
11817-10
10,5 cm, 4.1"

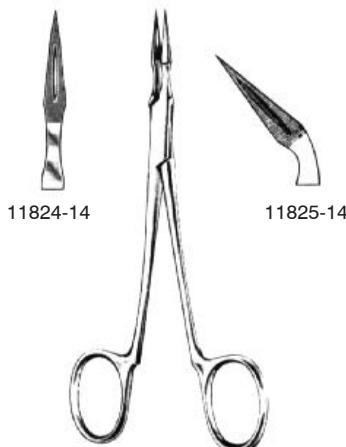
Splitterzangen
Splinter Forceps
Pinzas para espinas
Pinze per schegge



PEET
11821-11
11,5 cm, 4 1/2"



STIEGLITZ
13,5 cm, 5 1/4"

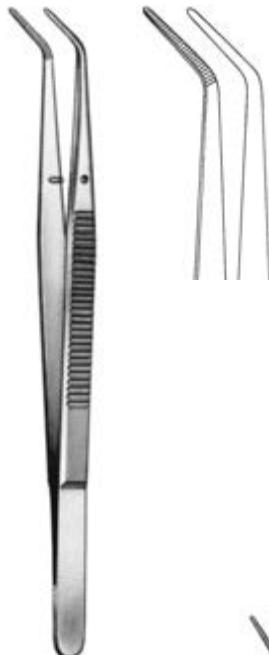


ARCHER
14 cm, 5 1/2"



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

Zahnpinzetten
Dental Forceps
Pinzas dentales
Pinze dentali



LONDON-COLLEGE
11900-01
15 cm, 6"



LONDON-COLLEGE
11901-05
15 cm, 6"



MERIAM
11910-01
15 cm, 6"



Mikrochirurgie-Pinzen
Microsurgery Forceps
Pinzas para microcirugía
Pinze per microchirurgia



12102-12
12 cm, 4 $\frac{3}{4}$ "



12103-12
12 cm, 4 $\frac{3}{4}$ "



12104-15
15 cm, 6"



12105-15
15 cm, 6"

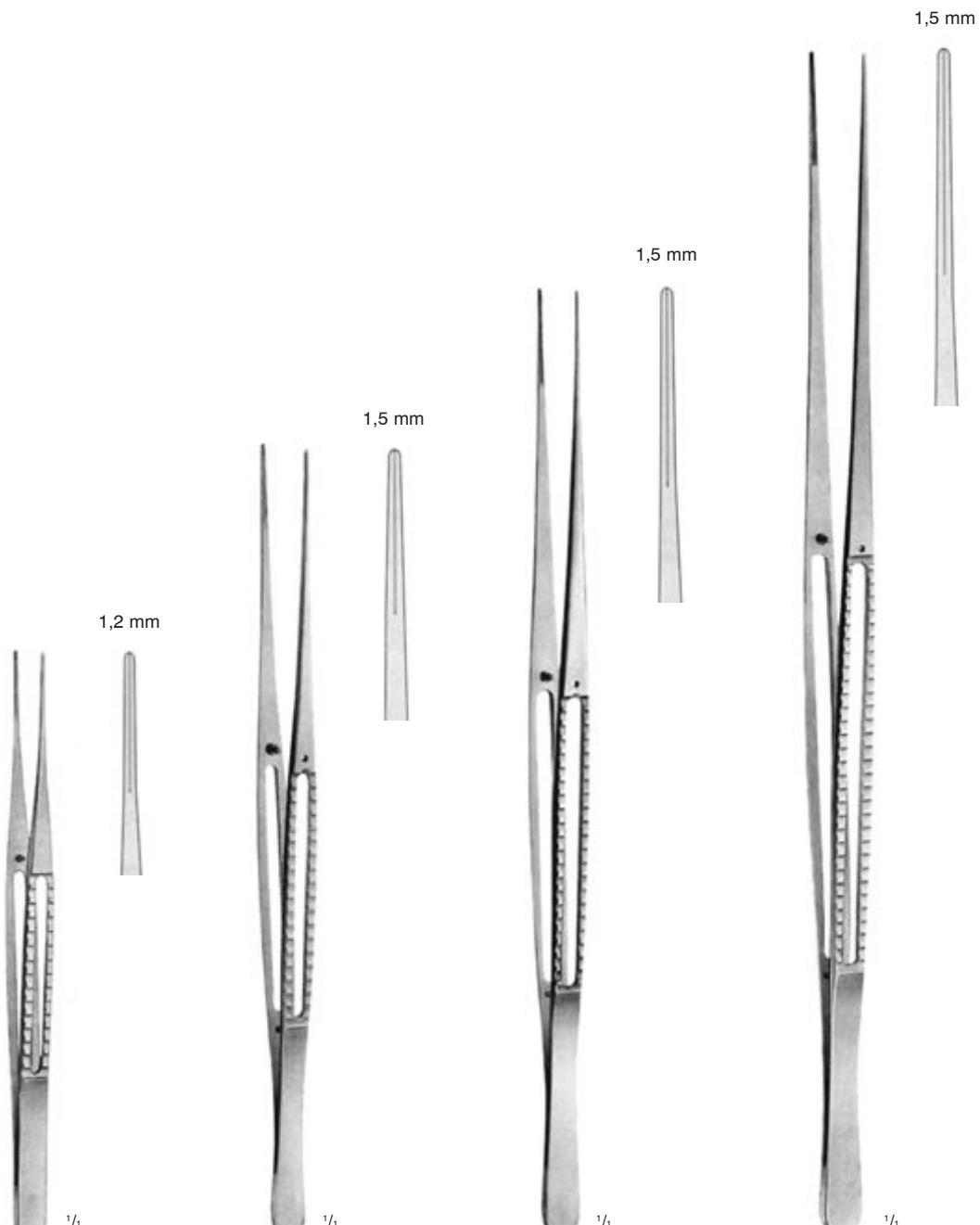


12108-18
18 cm, 7"



12109-18
18 cm, 7"

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



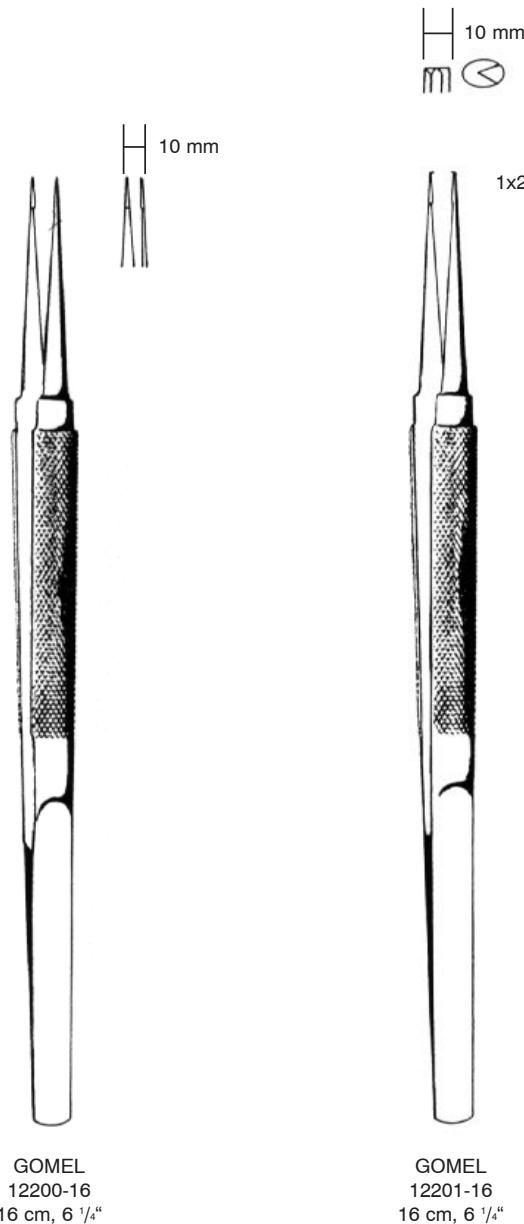
12110-15
15 cm, 6"

12110-20
20 cm, 8"

12110-24
24 cm, 9 1/2"

12110-30
30 cm, 11 3/4"

Mikrochirurgie-Pinzen
Microsurgery Forceps
Pinzas para microcirugía
Pinze per microchirurgia



Tumorpinzetten

Tumor forceps

Pinzas para tumores

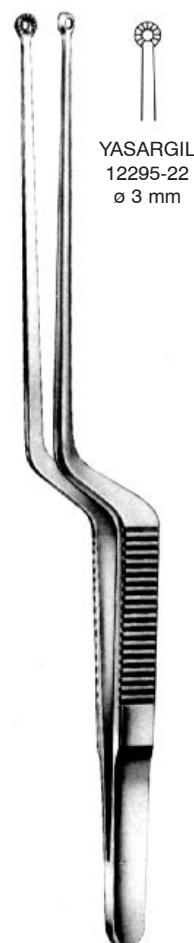
Pinze per tumori



YASARGIL
22 cm, 8 ¾"



12293-22
ø 5 mm



YASARGIL
12295-22
ø 3 mm



HUNT
12297-22
ø 5 mm

Atraumatische Pinzetten
 Atraumatic Tissue Forceps
 Pinzas atraumáticas
 Pinze atraumatiche



1 mm

DE BAKEY
 12302-16 16 cm, 6 $\frac{1}{4}$ "
 12302-20 20 cm, 8"
 12302-24 24 cm, 9 $\frac{1}{2}$ "



1,5 mm

DE BAKEY
 12306-16 16 cm, 6 $\frac{1}{4}$ "
 12306-20 20 cm, 8"
 12306-24 24 cm, 9 $\frac{1}{2}$ "
 12306-30 30 cm, 11 $\frac{3}{4}$ "



2,0 mm

DE BAKEY
 12308-16 16 cm, 6 $\frac{1}{4}$ "
 12308-20 20 cm, 8"
 12308-24 24 cm, 9 $\frac{1}{2}$ "
 12308-30 30 cm, 11 $\frac{3}{4}$ "



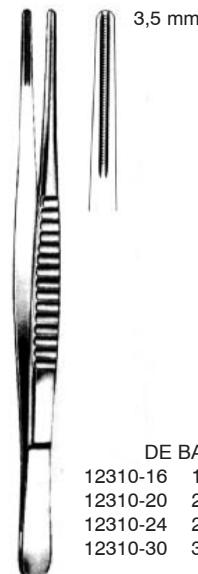
2,0 mm

DE BAKEY
 12309-16 16 cm, 6 $\frac{1}{4}$ "
 12309-20 20 cm, 8"
 12309-24 24 cm, 9 $\frac{1}{2}$ "
 12309-30 30 cm, 11 $\frac{3}{4}$ "



2,7 mm

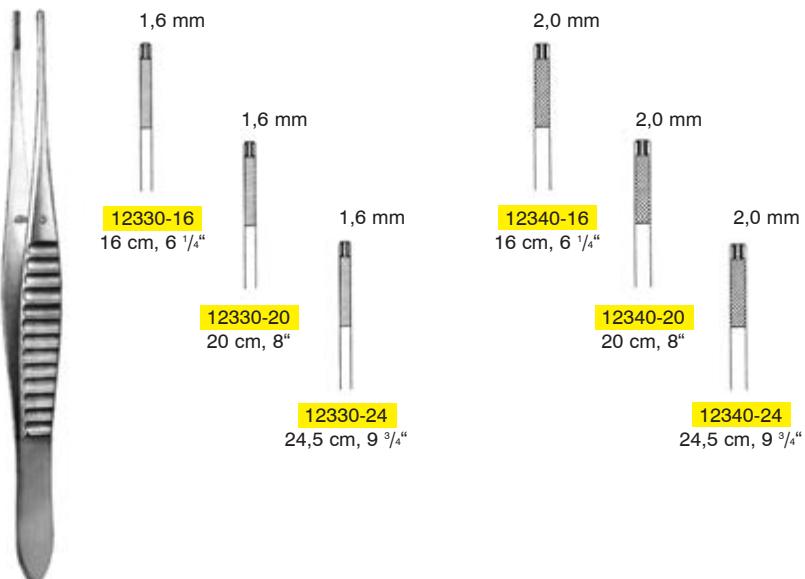
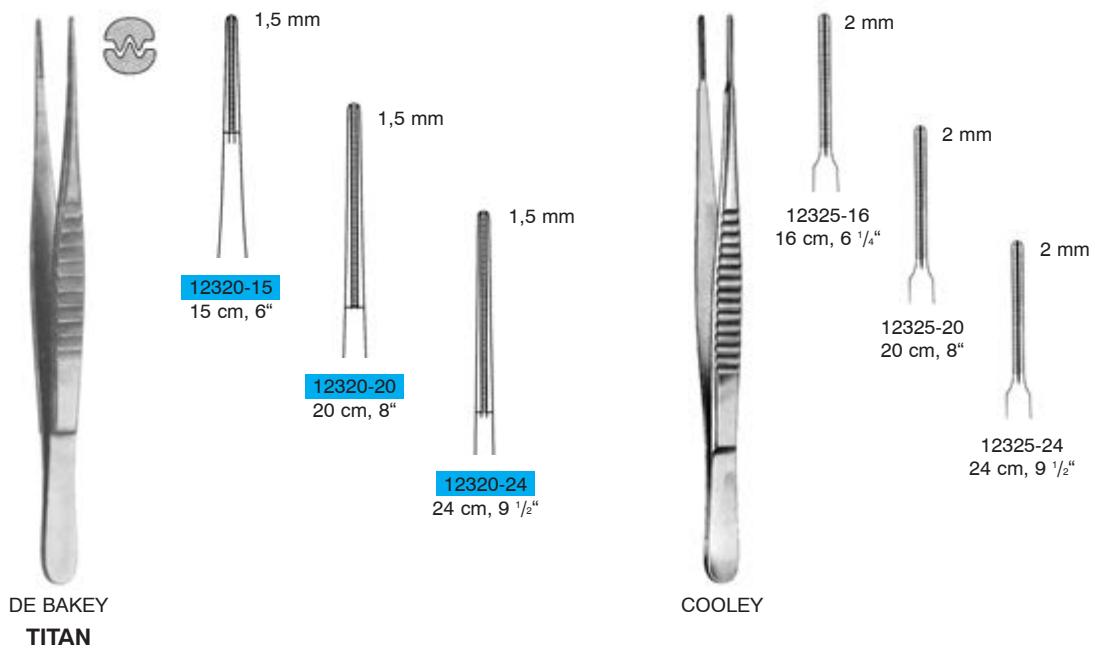
DE BAKEY
 12304-16 16 cm, 6 $\frac{1}{4}$ "
 12304-20 20 cm, 8"
 12304-24 24 cm, 9 $\frac{1}{2}$ "
 12304-30 30 cm, 11 $\frac{3}{4}$ "



3,5 mm

DE BAKEY
 12310-16 16 cm, 6 $\frac{1}{4}$ "
 12310-20 20 cm, 8"
 12310-24 24 cm, 9 $\frac{1}{2}$ "
 12310-30 30 cm, 11 $\frac{3}{4}$ "

Atraumatische Pinzetten
Atraumatic Tissue Forceps
Pinzas atraumáticas
Pinze atraumatiche



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



13090-40
40 mm / 1 1/2"

13090-45
45 mm / 1 3/4"

13090-50
50 mm / 2"



13091-40
40 mm / 1 1/2"

13091-45
45 mm / 1 3/4"

13091-50
50 mm / 2"

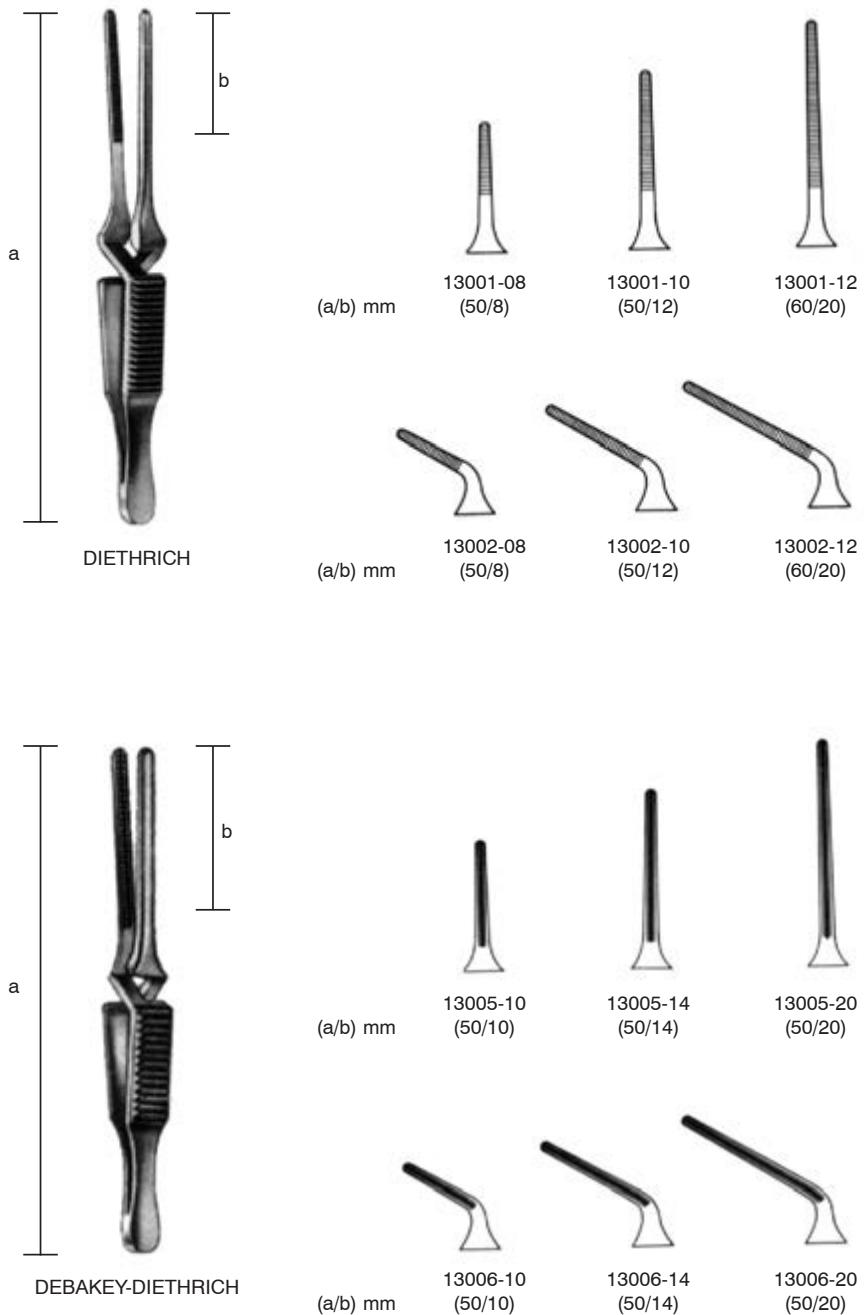


GLOVER
13098-06
57 mm / 2 3/8"

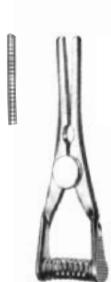


DE BAKEY
13099-07
73 mm / 2 3/4"

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



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, 1 1/2"

13010-40
13011-40



5 cm, 2"

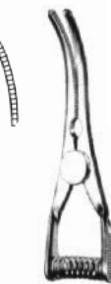
13010-50
13011-50



3 cm, 1.2"

Vena
Arteria

13012-30
13013-30



3,5 cm, 1.4"

13012-35
13013-35



4 cm, 1 1/2"

13012-40
13013-40



5 cm, 2"

13012-50
13013-50



3 cm, 1.2"

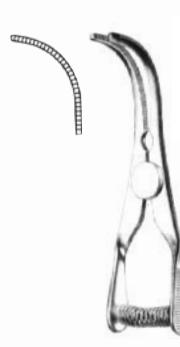
Vene
Arterie

13014-30
13015-30



3,5 cm, 1.4"

13014-35
13015-35



4 cm, 1 1/2"

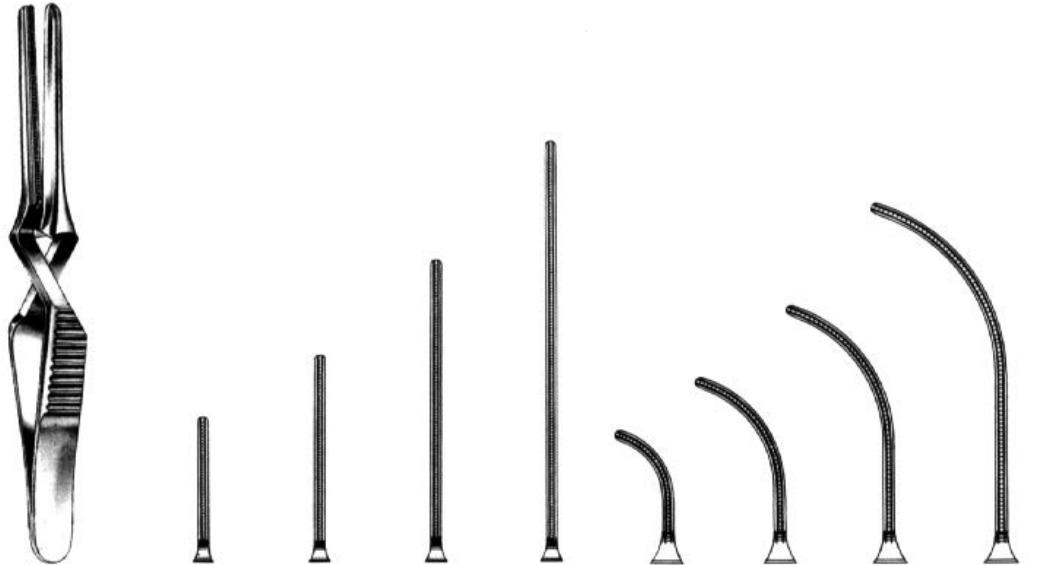
13014-40
13015-40



5 cm, 2"

13014-50
13015-50

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



DE BAKEY	13092-07 7,5 cm 3"	13092-08 8,5 cm 3.4"	13092-10 10,5 cm 4"	13092-12 12 cm 4 3/4"	13093-07 7 cm 2 3/4"	13093-08 8 cm 8 1/8"	13093-10 10 cm 4"	13093-12 11,5 cm 4 1/2"
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GLOVER	13096-06 6 cm 2 1/4"	13096-07 7 cm 2 3/4"	13096-09 9 cm 3 1/2"	13096-11 11 cm 4 5/8"	13097-06 5,5 cm 2"	13097-07 6,5 cm 2 1/2"	13097-09 8,5 cm 3 1/4"	13097-11 10,5 cm 4"
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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"

gerade
 straight
 recta
 rette

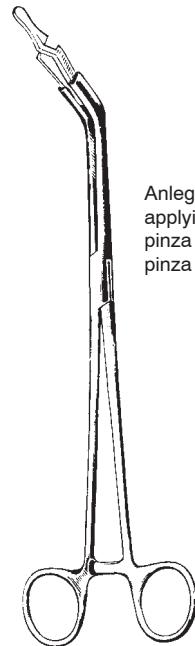


gebogen
 curved
 curva
 curve



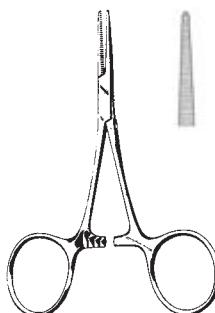
DIEFFENBACH
 13103-04 3,5 cm, 1.4"
 13103-05 5,5 cm, 2.2"

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

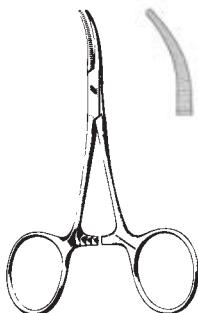


Anlegezange
 applying forceps
 pinza para poner
 pinza applicatrice

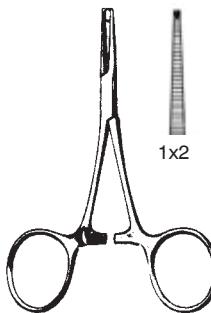
13115-00
 23 cm, 9"



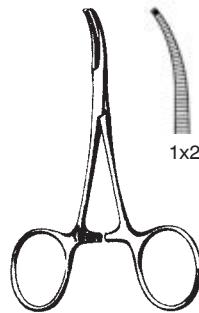
HARTMANN
 13210-10
 10 cm, 4"



HARTMANN
 13211-10
 10 cm, 4"



HARTMANN
 13212-10
 10 cm, 4"



HARTMANN
 13213-10
 10 cm, 4"

Micro-HARTMANN
 13214-10
 10 cm, 4"

Micro-HARTMANN
 13215-10
 10 cm, 4"

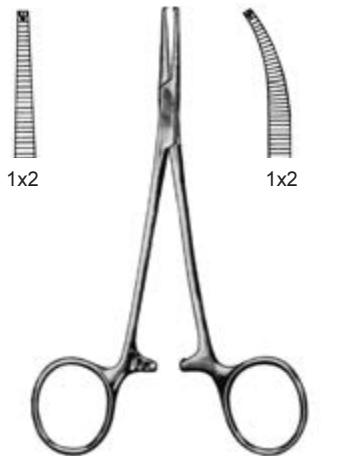
Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



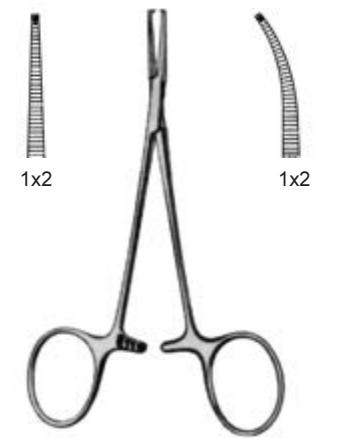
TITAN — HALSTED-MOSQUITO — TITAN
 13224-12 13220-12 12,5 cm, 5" 13221-12
 13220-14 14,0 cm, 5 1/2" 13221-14
 13220-18 18,0 cm, 7" 13221-18
 13220-21 21,0 cm, 8 1/4" 13221-21



— HALSTED-MOSQUITO micro —
 13222-12 12,5 cm, 5" 13223-12
 JACOBSON micro
 13226-12 12,0 cm, 4 3/4" 13227-12

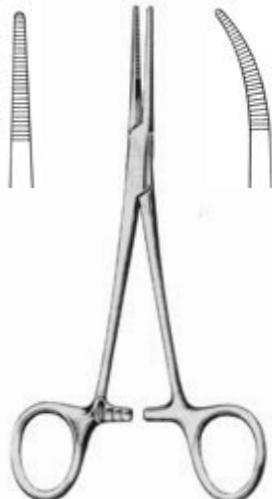


— HALSTED-MOSQUITO —
 13230-12 12,5 cm, 5" 13231-12
 13230-14 14,0 cm, 5 1/2" 13231-14
 13230-18 18,0 cm, 7" 13231-18
 13230-21 21,0 cm, 8 1/4" 13231-21

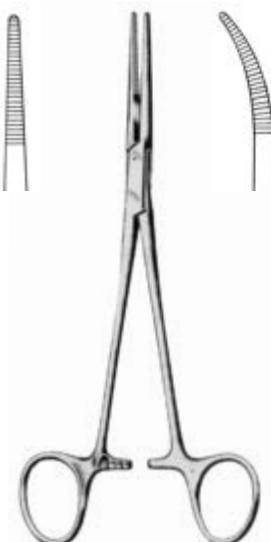


— HALSTED-MOSQUITO micro —
 13232-12 13233-12

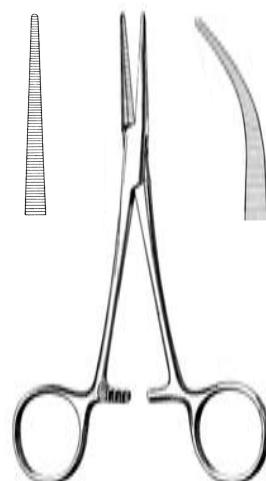
Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



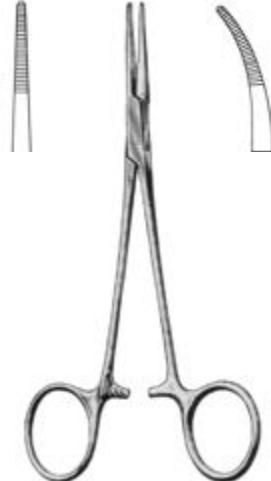
— KELLY
13240-14 14 cm, 5 1/2" 13241-14
13240-18 18 cm, 7" 13241-18
13244-14 14 cm, 5 1/2" **13245-14**
TITAN TITAN



— KELLY-RANKIN
13242-16 16 cm, 6 1/4" 13243-16



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

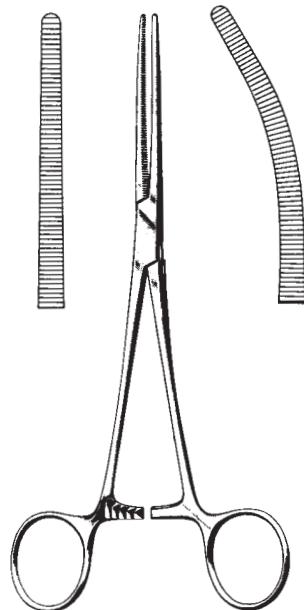


— PROVIDENCE-HOSPITAL
13270-14 14 cm, 5 1/2" 13271-14

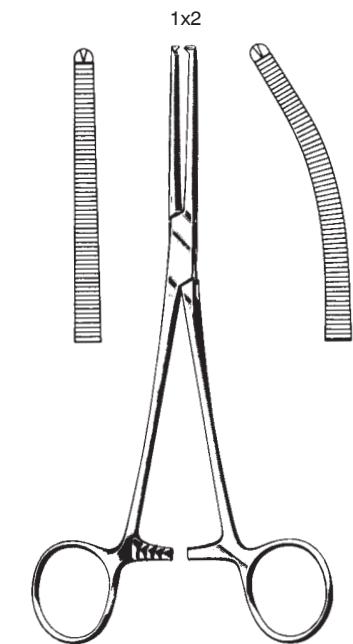
Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



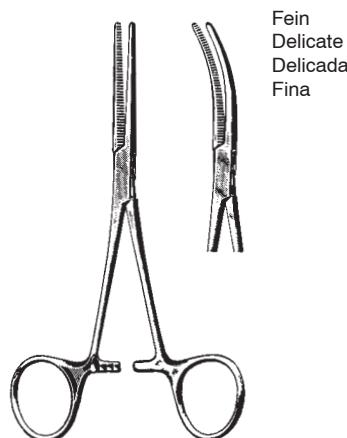
Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



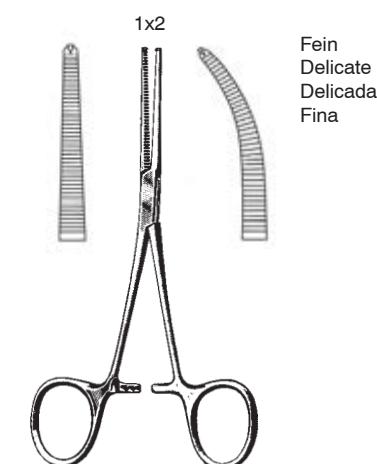
ROCHESTER-PEAN		
13310-13	13 cm, 5 $\frac{1}{8}$ "	13311-13
13310-14	14 cm, 5 $\frac{1}{2}$ "	13311-14
13310-16	16 cm, 6 $\frac{1}{4}$ "	13311-16
13310-18	18 cm, 7"	13311-18
13310-20	20 cm, 8"	13311-20
13310-22	22 cm, 8 $\frac{3}{4}$ "	13311-22
13310-24	24 cm, 9 $\frac{1}{2}$ "	13311-24
13310-26	26 cm, 10 $\frac{1}{4}$ "	13311-26
13310-30	30 cm, 11 $\frac{3}{4}$ "	13311-30



ROCHESTER-OCHSNER		
13320-13	13 cm, 5 $\frac{1}{8}$ "	13321-13
13320-14	14 cm, 5 $\frac{1}{2}$ "	13321-14
13320-16	16 cm, 6 $\frac{1}{4}$ "	13321-16
13320-18	18 cm, 7"	13321-18
13320-20	20 cm, 8"	13321-20
13320-22	22 cm, 8 $\frac{3}{4}$ "	13321-22
13320-24	24 cm, 9 $\frac{1}{2}$ "	13321-24
13320-26	26 cm, 10 $\frac{1}{4}$ "	13321-26
13320-30	30 cm, 11 $\frac{3}{4}$ "	13321-30



PEAN		
13312-14	14 cm, 5 $\frac{1}{2}$ "	13313-14
13312-16	16 cm, 6 $\frac{1}{4}$ "	13313-16



KOCHE		
13322-14	14 cm, 5 $\frac{1}{2}$ "	13323-14
13322-16	16 cm, 6 $\frac{1}{4}$ "	13323-16

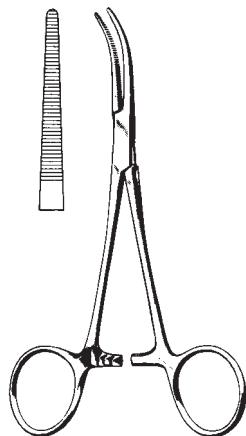
Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



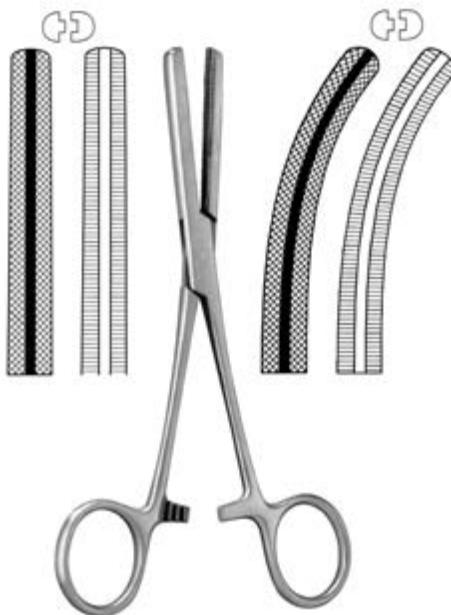
— SPENCER-WELLS —
 13330-13 13 cm, 5" 13331-13
 13330-15 15 cm, 6" 13331-15
 13330-18 18 cm, 7" 13331-18
 13330-20 20 cm, 8" 13331-20



— ROCHESTER-CARMALT —
 13340-16 16 cm, 6 1/4" 13341-16
 13340-20 20 cm, 8" 13341-20

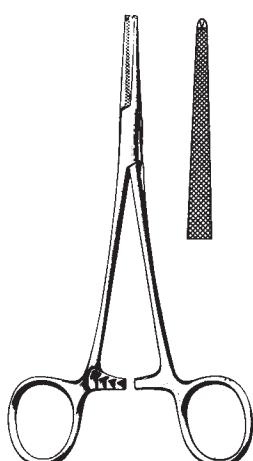


— DANDY —
 13345-12 12 cm, 4 3/4"
 13345-14 14 cm, 5 1/2"



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

1x2



LOVELACE
 13356-15 15,5 cm, 6"



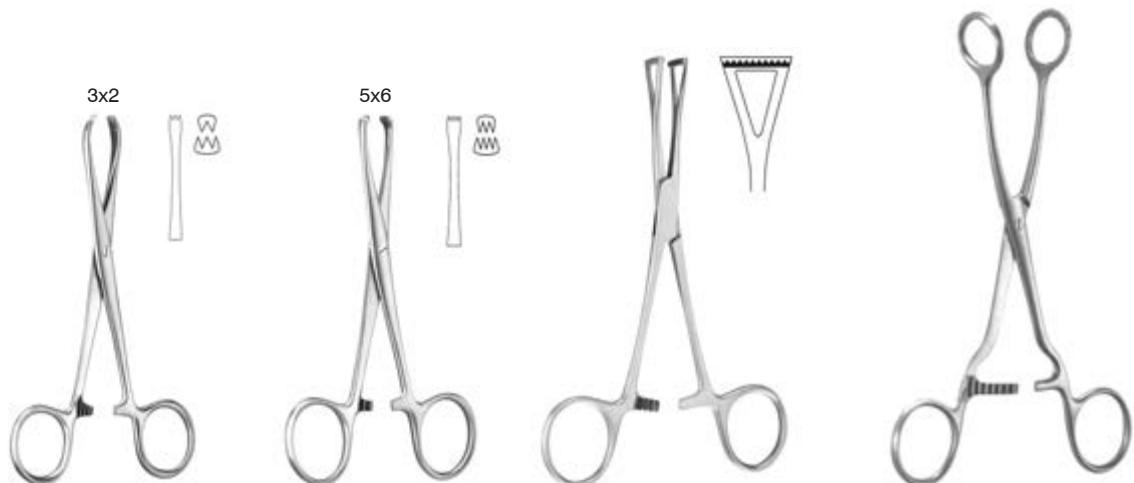
PENNINGTON
 13358-15 15,5 cm, 6"
 13358-20 20,0 cm, 8"

Fasszangen

Grasping Forceps

Pinza para agarrar órganos y tejidos

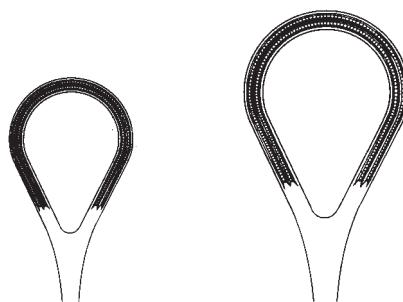
Pinze da presa



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

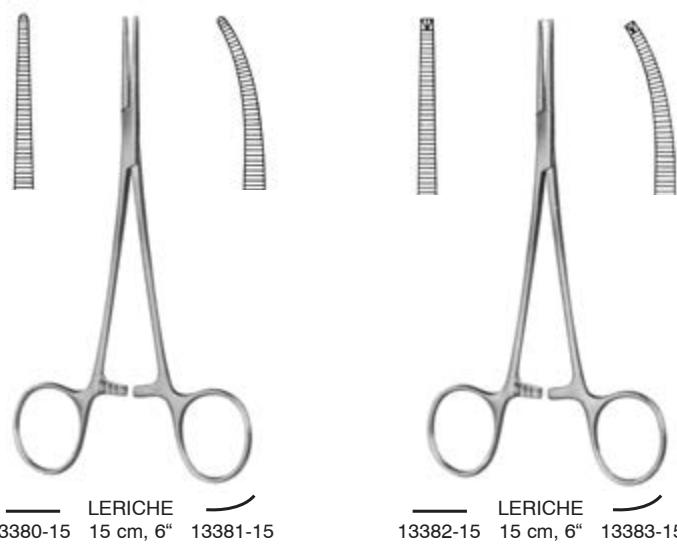


REDA
 Atrauma
 13377-25 - 13377-26



13377-25
 25 cm, 10"

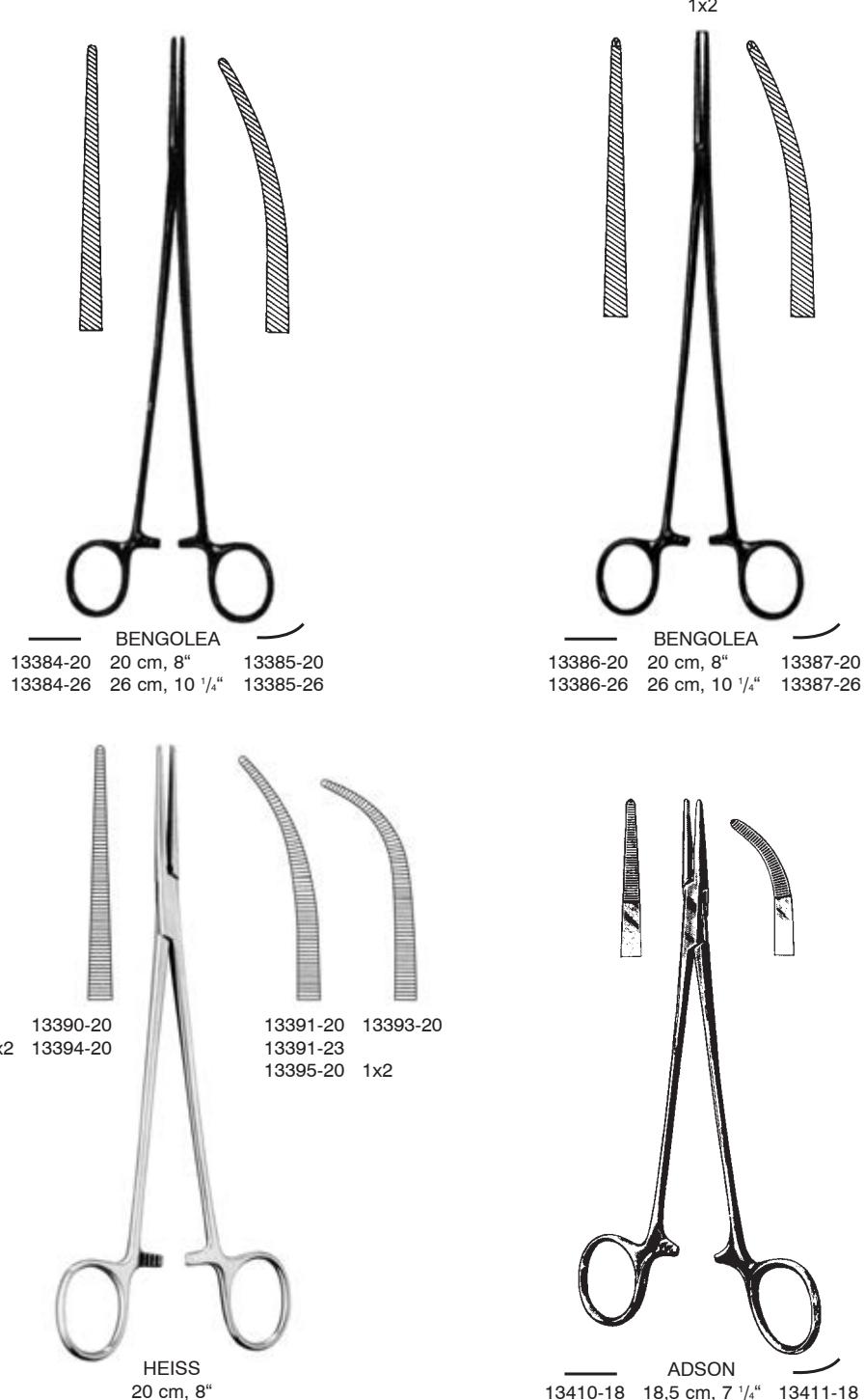
13377-26
 26 cm, 10 1/4"



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

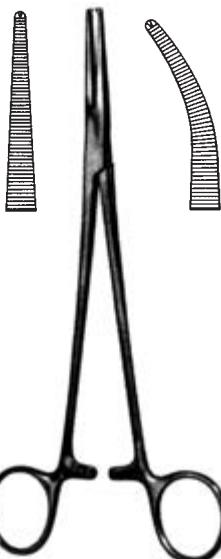
13382-15 LERICHE 15 cm, 6" 13383-15

Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



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"

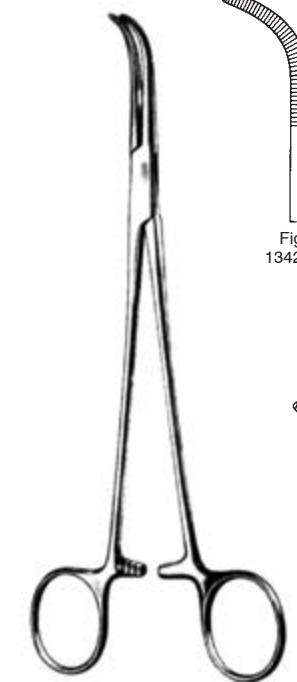


NISSEN
13416-18 18,5 cm, 7 1/4"

Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



OVERHOLT-BABY
13420-14
14 cm, 5 1/2"



OVERHOLT-GEISSENDORFER
21 cm, 8 1/4"

Fig. 1
13421-01

Fig. 2
13421-02

Fig. 3
13421-03

Fig. 4
13421-04

13425-02
26 cm
10 1/4"

13425-03
27 cm
10 1/2"

13425-04
27,5 cm
10.8"

Fig. 5
13421-05

Fig. 6
13421-06

Fig. 7
13421-07

13425-05
27 cm
10 1/2"

13425-06
28 cm
11"



OVERHOLT

13422-00
21,5 cm
8 1/2"

Fig. 0

13422-01
21 cm
8 1/4"

13422-02
22 cm
8 3/4"

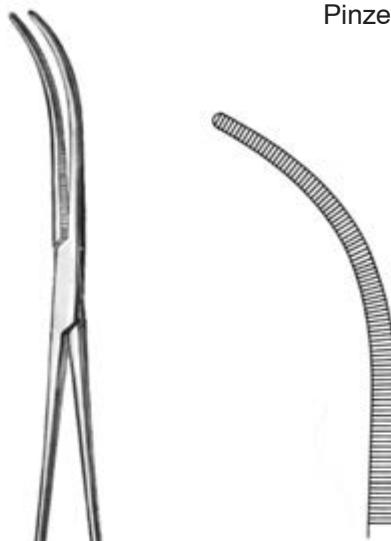
13422-03
23 cm
9"

Fig. 2

13422-06
22,5 cm
8.9"

Fig. 6

Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



OVERHOLT-MIXTER

13428-21

21,5 cm, 8 1/2"



GEMINI

	13431-13	13431-16	13431-18	13431-20	13431-23	13431-25	13431-28
	13 cm 5 1/8"	16 cm 6 1/4"	18 cm 7"	20 cm 8"	23 cm 9"	25 cm 10"	28 cm 11"

Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



13438-01 13438-02 13438-03 13438-04
18,5 cm 21 cm 21,5 cm 22 cm
7 1/4" 8 1/4" 8 1/2" 8 3/4"

Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



13441-01

13441-02

13441-03

13441-04



RUMEL
23 cm, 9"



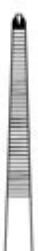
WIKSTROEM
13447-20
20,5 cm, 8"



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

TOENNIS

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



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

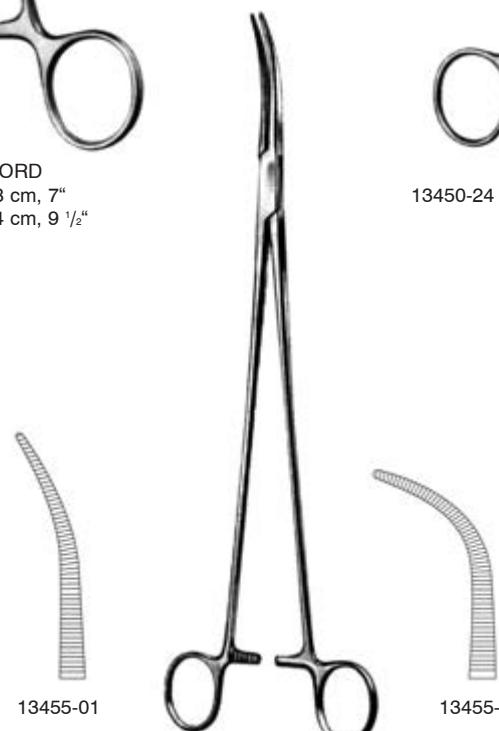
Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



CRAFOORD
13453-18 18 cm, 7"
13453-24 24 cm, 9 1/2"

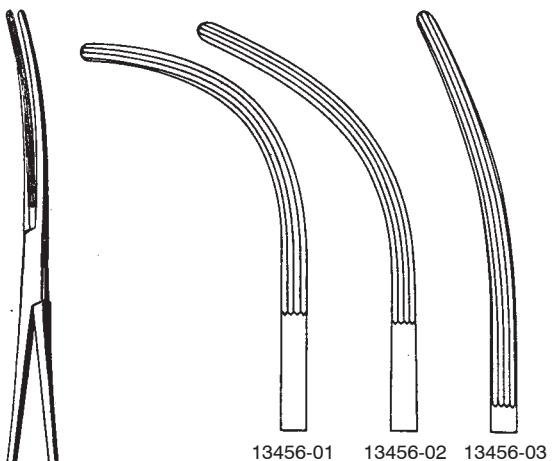


SAROT
13450-24 24 cm, 9 1/2" 13451-24



ZENKER
29,5 cm, 11 1/2"

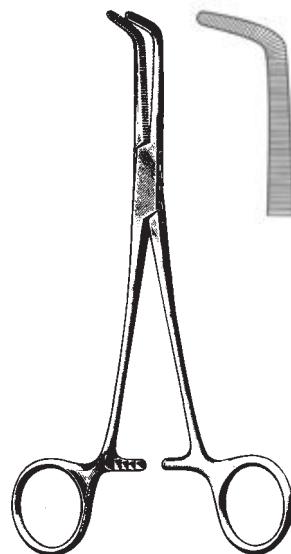
Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



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 1/2"
 13471-16 16 cm, 6 1/4"
 13471-18 18 cm, 7"
 13471-23 23 cm, 9"



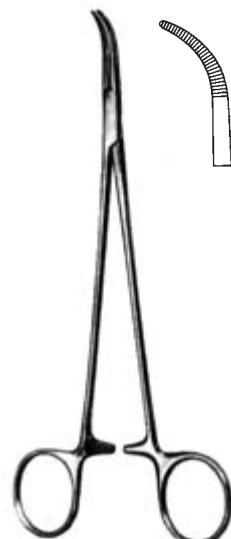
MIXTER
 13473-22
 22 cm, 8 3/4"



KANTROWITZ
 13474-19 19 cm, 7 1/2"
 13474-24 24 cm, 9 1/2"
 13474-26 26 cm, 10 1/4"



MIXTER BABY
 13475-14
 14 cm, 5 1/2"



MIXTER BABY
 13475-18
 18 cm, 7"

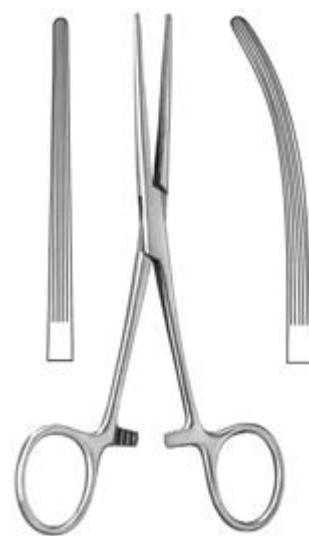
Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



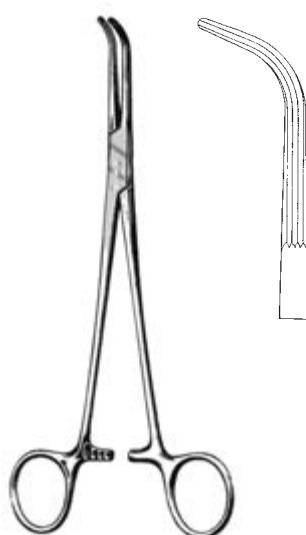
MIXTER-O'SHAUGNESSY
13477-15 15,5 cm, 6"
13477-19 19,0 cm, 7 1/2"



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"

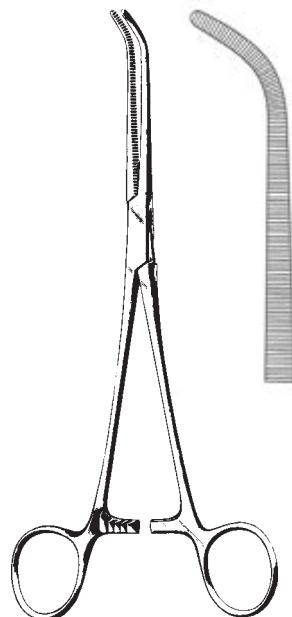
Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



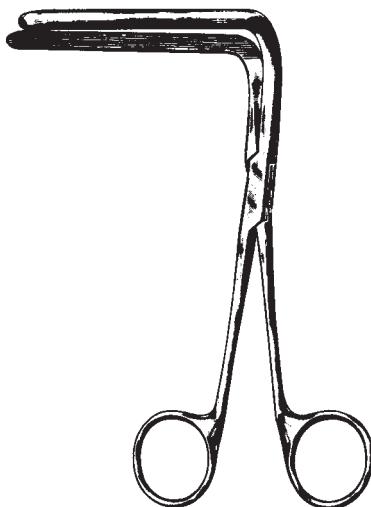
LAHEY
13493-23 23 cm, 9"



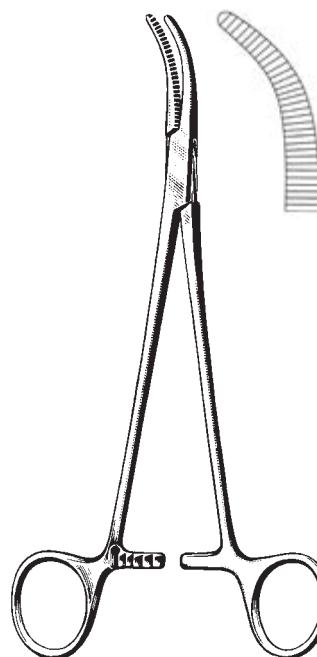
LOWER
13495-18 18 cm, 7"



JOHNS-HOPKINS
13497-20 20 cm, 8"

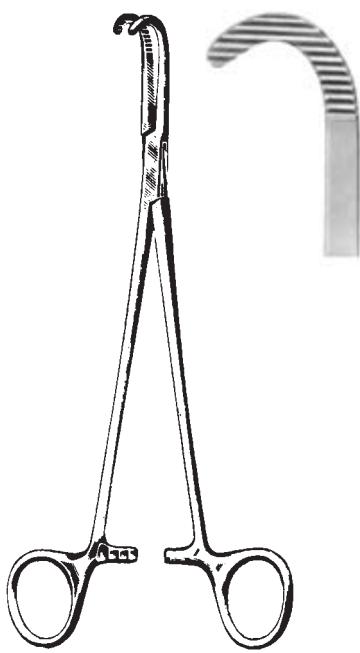


MIXTER
13499-16
16,5 cm, 6 1/2"

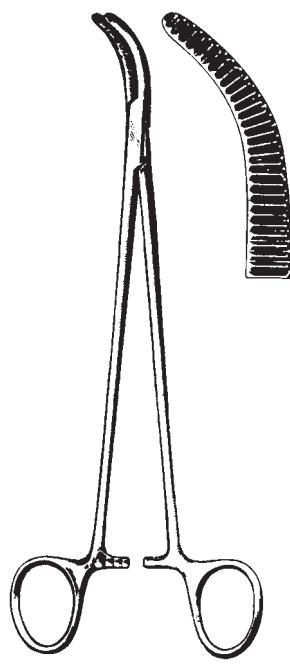


MOYNIHAN
13501-23
23 cm, 9"

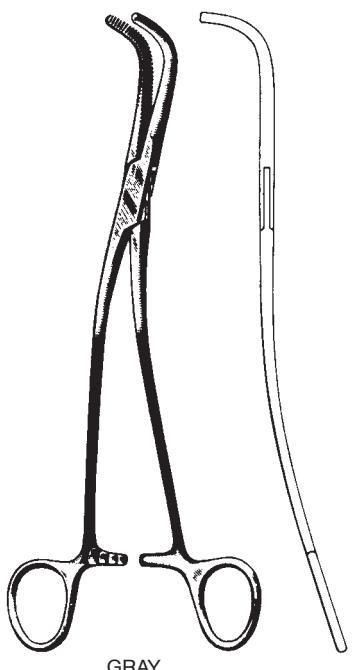
Arterienklemmen
Hemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



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



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

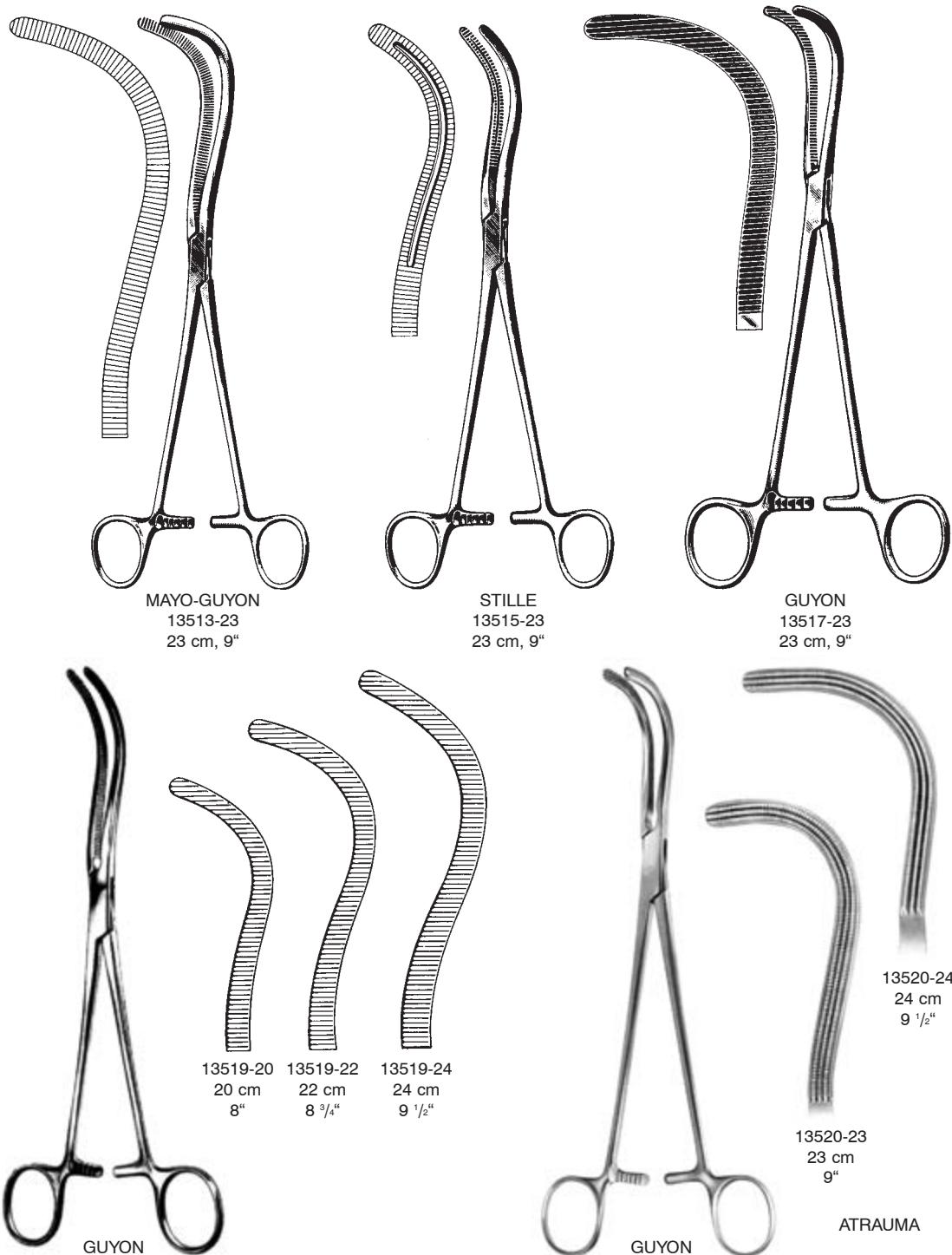


GRAY

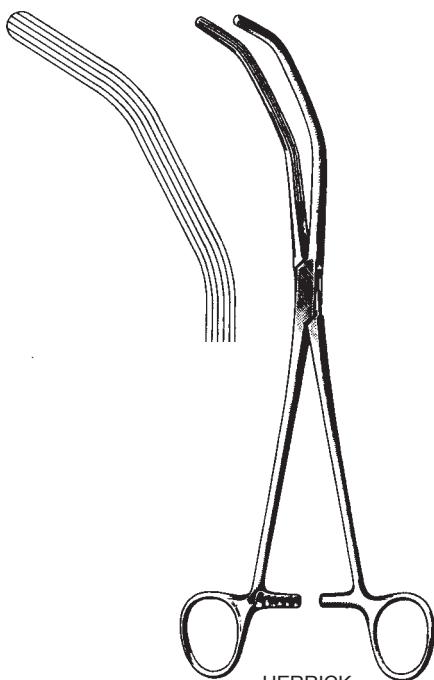
13507-22
22 cm
8 3/4"

13507-23
23 cm
9"

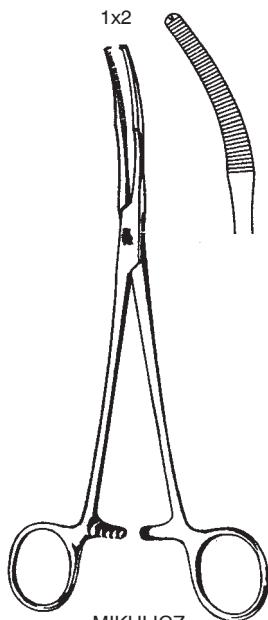
Arterienklemmen
 Hemostatic Forceps
 Pinzas hemostáticas
 Pinze emostatiche



Hysterektomieklemmen
Hysterectomy Forceps
Pinzas para histerectomía
Pinze per isterectomia

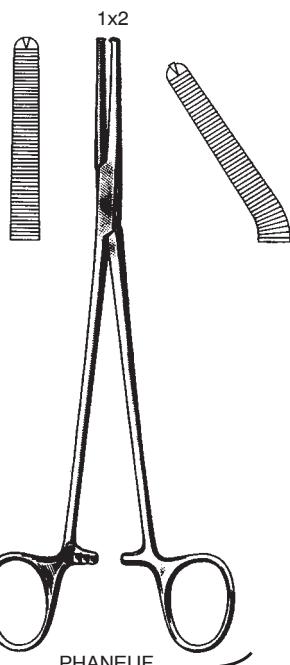


HERRICK
13523-23
23 cm, 9"



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

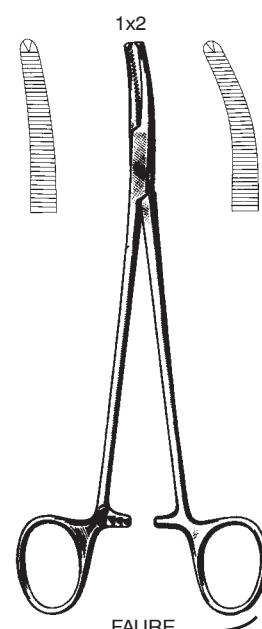
Peritoneum-Klemme
Peritoneum Forceps
Pinzas para peritoneo
Pinze peritoneali



PHANEUF
13554-21 21 cm, 8 1/4" 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"

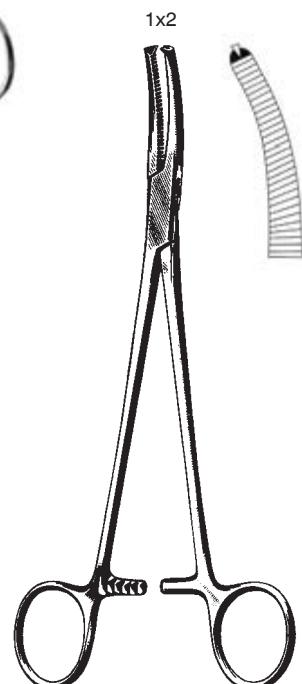
Hysterektomieklemmen
Hysterectomy Forceps
Pinzas para histerectomía
Pinze per isterectomia



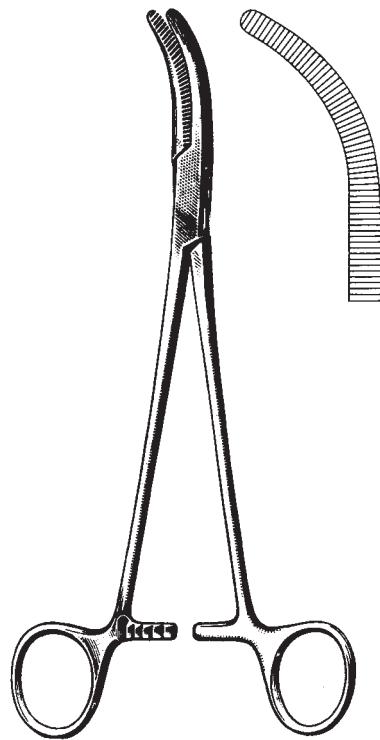
Hysterektomieklemmen
Hysterectomy Forceps
Pinzas para histerectomía
Pinze per isterectomia



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



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



WERTHEIM
13571-25
25 cm, 10"

Hysterektomieklemmen
Hysterectomy Forceps
Pinzas para histerectomía
Pinze per isterectomia



SEGOND-LANDAU
13574-24
24 cm, 9 1/2"

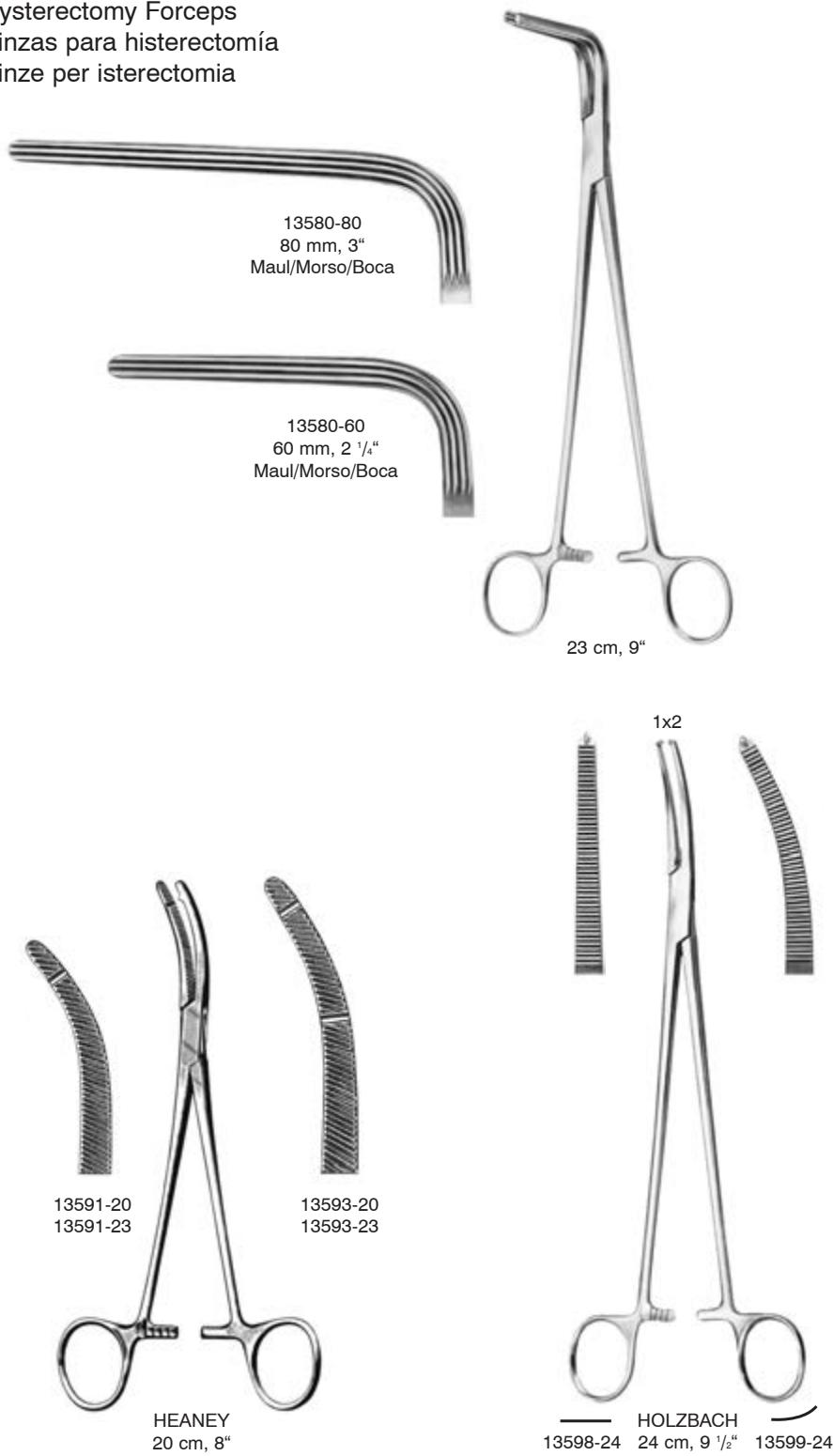


SEGOND
13575-24
24 cm, 9 1/2"



WERTHEIM-CULLEN
13579-21 21,5 cm, 8 1/2"

Hysterektomieklemmen
 Hysterectomy Forceps
 Pinzas para histerectomía
 Pinze per isterectomia



Hysterektomieklemmen
Hysterectomy Forceps
Pinzas para histerectomía
Pinze per isterectomia



ATRAUMA



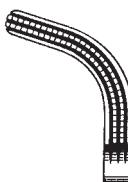
22 cm
8 $\frac{3}{4}$ "
13595-10



21,5 cm
8 $\frac{1}{2}$ "
13595-20



21 cm
8 $\frac{1}{4}$ "
13595-30



20,5 cm
8"
13595-40



ROGERS
13595-10 - 13597-40



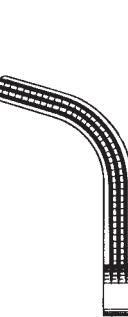
25 cm
10"
13597-10



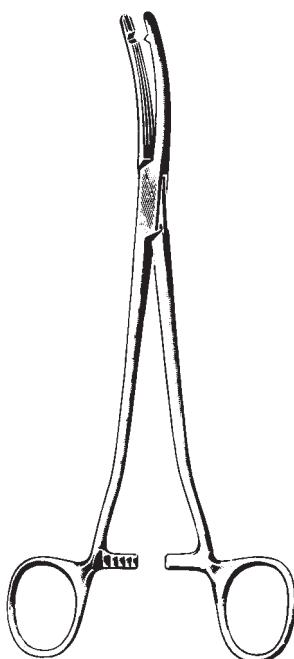
25 cm
10"
13597-20



24,5 cm
9 $\frac{3}{4}$ "
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

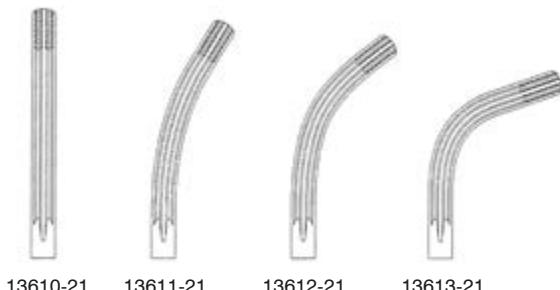


WERTHEIM
13605-26
25,5 cm, 10"

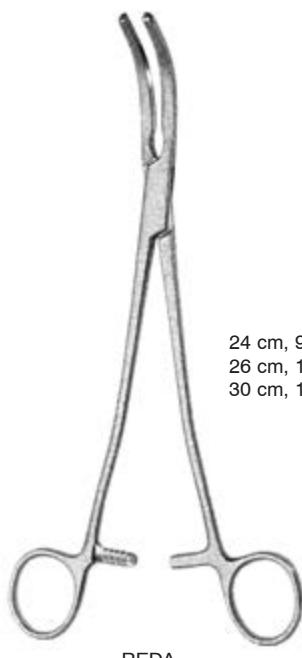
Parametriumklemmen
Parametrium Clamps
Pinza para parametrio
Pinza per parametrio



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

Schlauchklemmen
Tubing Clamps
Pinzas cierra-tubos
Pinze serratubi



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



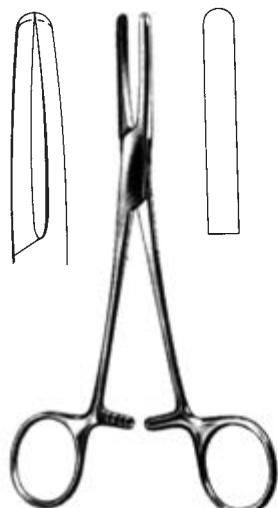
13710-15
15 cm, 6"



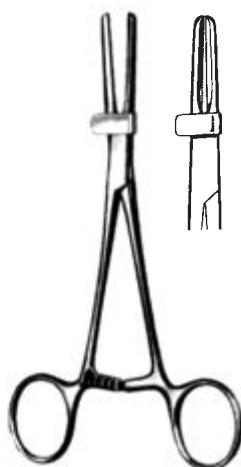
13710-18
18 cm, 7"



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"

Rollenklemme
Tube milking rollers
Pinza de rodillos
Pinze con rotelle



13730-16 16,5 cm, 6 1/2"

Tuchklemmen
Towel Forceps
Pinzas de campos
Pinze fissateli



SCHAEDEL
15101-09
9 cm, 3 1/2"

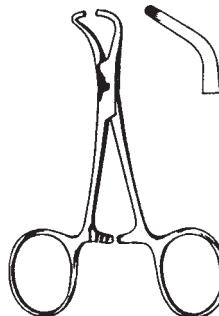


JONES
15103-07
7 cm, 2 3/4"



JONES-CLIP
15105-09
9 cm, 3 1/2"

15103-09
9 cm, 3 1/2"



TOHUKU
15107-10 10 cm, 4"
15107-13 13 cm, 5 1/8"



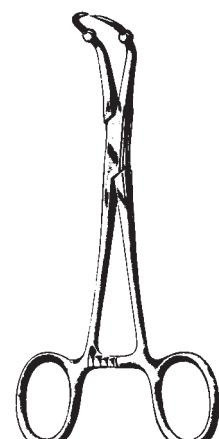
PEERS
15108-14
14,5 cm, 5 3/4"



BACKHAUS
15111-09 9 cm, 3 1/2"
15111-11 11 cm, 4 3/8"
15111-13 13 cm, 5 1/8"
15111-15 15 cm, 6"



BACKHAUS-CLIP
15115-11
11 cm, 4 3/8"



ROEDER
15117-13
13 cm, 5 1/8"

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 $\frac{1}{8}$ "



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



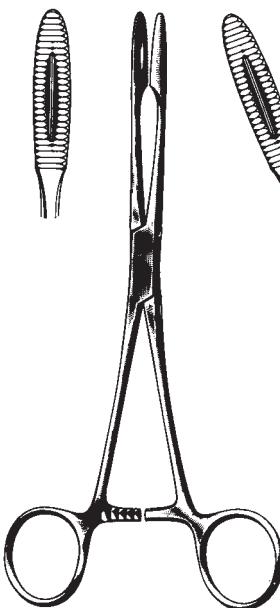
BERNHARD
15140-16
16,5 cm, 6 $\frac{1}{2}$ "

MOYNIHAN
15150-19
19 cm, 7 $\frac{1}{2}$ "

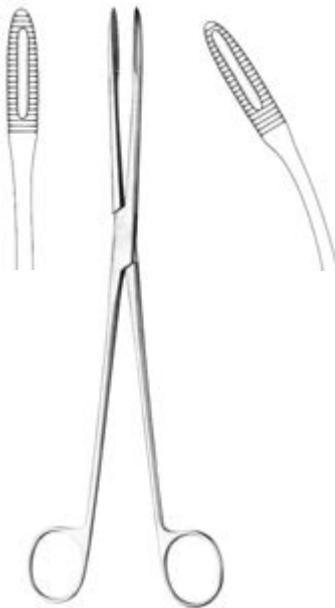
DOYEN
15161-18
18 cm, 7"

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



GROSS-MAIER
 17112-20 20 cm, 8" 17113-20
 17112-25 25 cm, 10" 17113-25



17120-28 17121-28



SIMS-MAIER
 28 cm, 11"

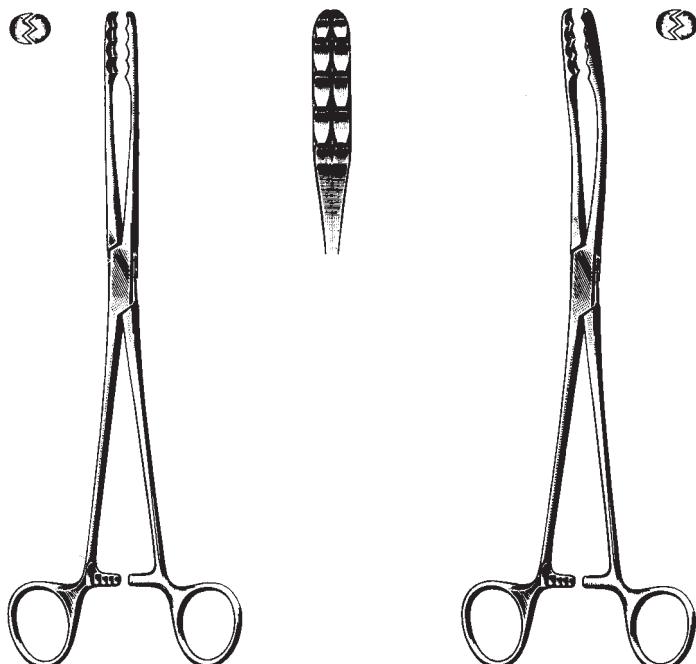


DUPLAY
 17131-21 21 cm, 8 1/4"

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



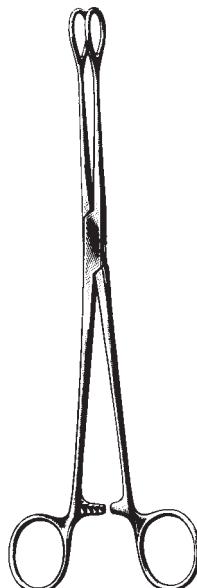
17133-17 17 cm, 6 3/4"



ULRICH
17160-22 22 cm, 8 3/4"
17160-25 25 cm, 10"

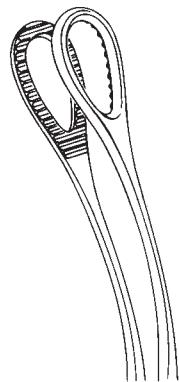
ULRICH
17161-22 22 cm, 8 3/4"
17161-25 25 cm, 10"

Schwammzange
Sponge Forceps
Pinzas porta-esponjas
Pinze per spugne

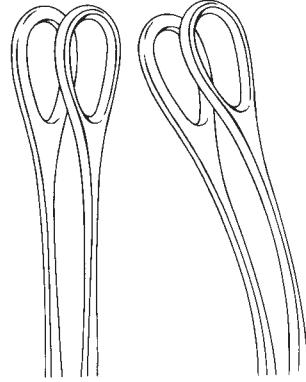


FOERSTER

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
17173-25



17174-25



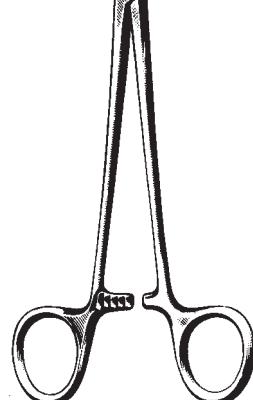
17175-25



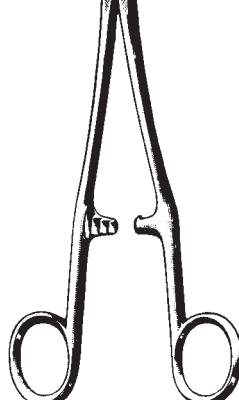
17180-18
18 cm, 7"



17180-25
25 cm, 10"



FOERSTER
25 cm, 10"



RAMPLEY

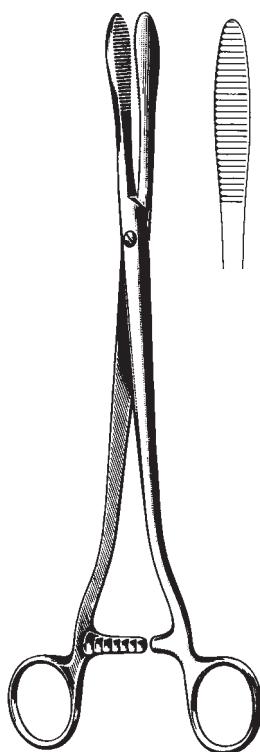
Kornzangen, Sinusklemmen
 Dressing Forceps, Sinus Forceps
 Pinzas para vendajes
 Pinze per medicature, Pinze per seni



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"

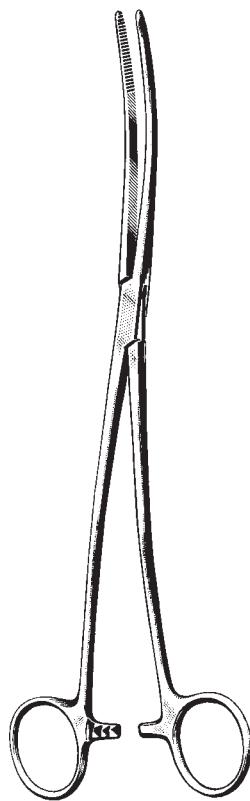


PELKMAN
 25 cm, 10"

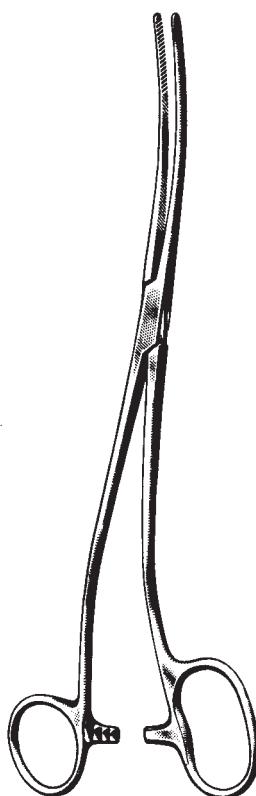


CHERON
 17229-25 25 cm, 10"

Tamponzangen
Dressing Forceps
Pinzas para tapones
Pinze per tamponi



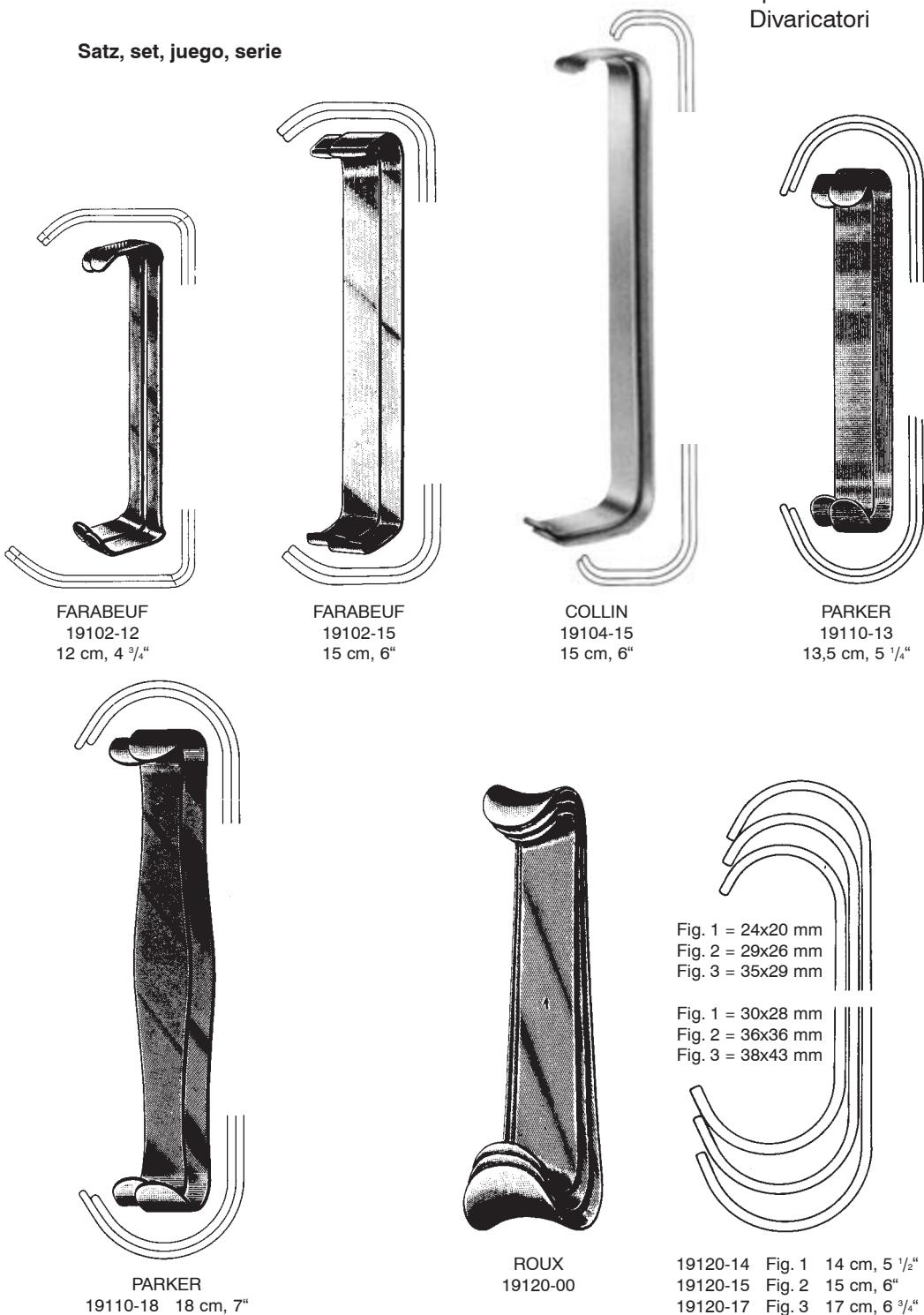
— BOZEMANN —
17230-26 17231-26
26 cm, 10 $\frac{1}{4}$ "



BOZEMANN-DOUGLAS
17233-26
26 cm, 10 $\frac{1}{4}$ "

Wundhaken
Retractors
Separadores
Divaricatori

Satz, set, juego, serie



PARKER
19110-18 18 cm, 7"

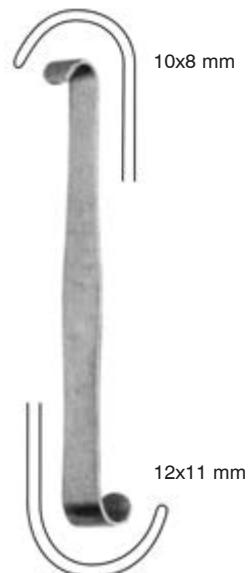
ROUX
19120-00

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



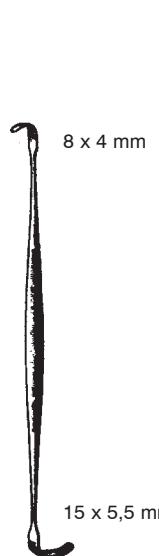
ROUX BABY
19122-13
13 cm, 5 $\frac{1}{8}$ "



LUER
19123-11
11 cm, 4 $\frac{3}{8}$ "



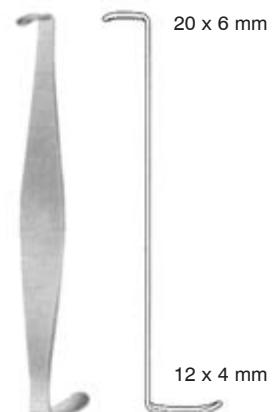
ROUX mini
19124-15
14 cm, 5 $\frac{1}{2}$ "



RAGNELL
19125-14
14 cm, 5 $\frac{1}{2}$ "



ROSE
19126-13
13 cm, 5 $\frac{1}{8}$ "



CRILE
19127-11
11,5 cm, 4 $\frac{1}{2}$ "

Wundhaken
Retractors
Separadores
Divaricatori

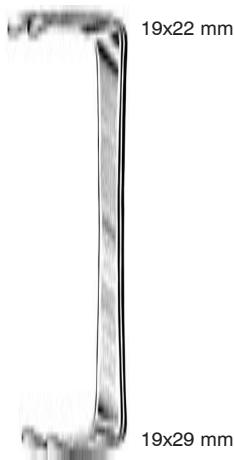


Fig. 2 = 25x15 mm
Fig. 1 = 21x15 mm



Fig. 1 = 40x15 mm
Fig. 2 = 45x15 mm

US ARMY / Parker-Langenbeck
19131-21 21 cm, 8 1/4"



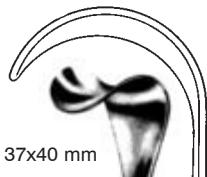
MAYO-COLLINS
19132-15 15 cm, 6"



Fig. 2 = 47x13 mm
Fig. 1 = 42x13 mm



MATHIEU
19134-20 20 cm, 8"

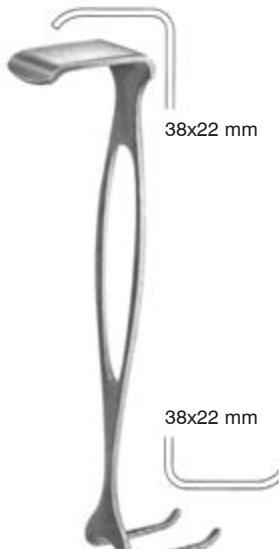


37x40 mm



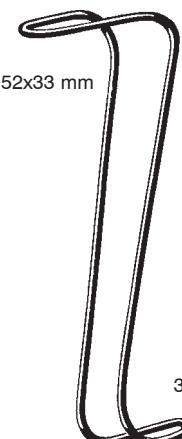
30 x 31 mm

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



38x22 mm

CZERNY
19136-20 17,5 cm, 6.9"

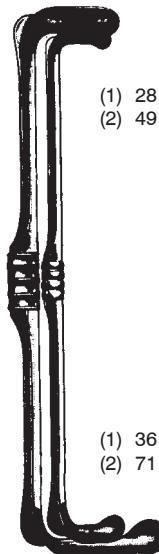


52x33 mm

30x21 mm

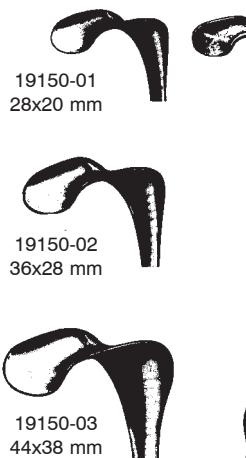
COLLIN-HARTMANN
19137-16 16 cm, 6 1/4"

Wundhaken
Retractors
Separadores
Divaricatori



(1) 28 x 20 mm
(2) 49 x 38 mm

RICHARDSON-EASTMAN
(Set) 19140-00
(1) 19140-01 26 cm, 10 1/4"
(2) 19140-02 28 cm, 11"



19150-01
28x20 mm

19150-02
36x28 mm

19150-03
44x38 mm

RICHARDSON
24 cm, 9 1/2"

RICHARDSON
19150-04
24 cm, 9 1/2"



47x21 mm



25 cm
10"

RICHARDSON GRIP
19152-25 20x25 mm
19152-31 25x31 mm
19152-38 38x38 mm
19152-51 19x51 mm
19152-64 41x64 mm

KELLY GRIP
19158-51 38x51 mm
19158-64 51x64 mm
19158-76 64x76 mm
19158-82 70x82 mm



19159-50
50x40 mm

19159-64
64x54 mm

19159-70
70x65 mm

19159-90
90x76 mm

KELLY
26 cm, 10 1/4"

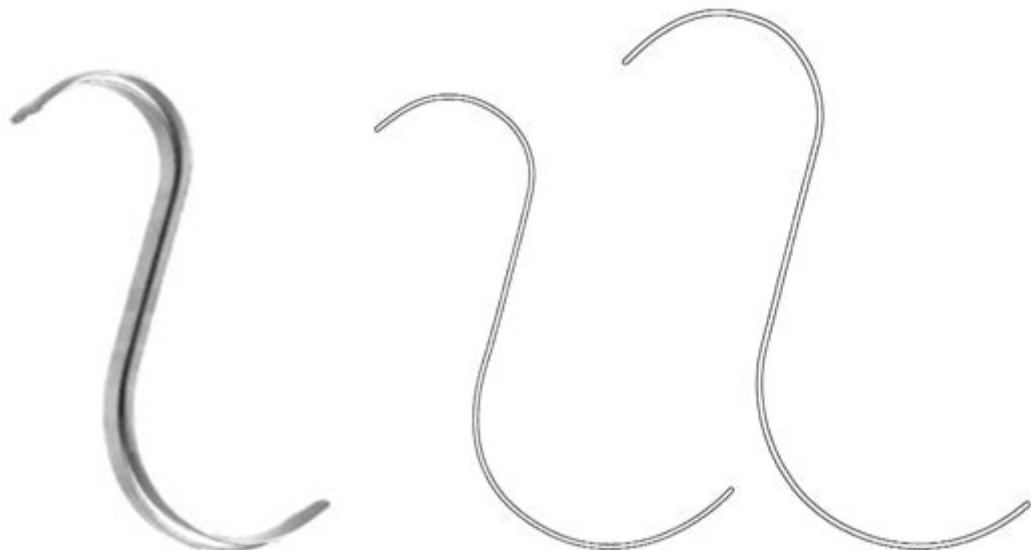
Wundhaken
Retractors
Separadores
Divaricatori



19160-17



19161-17

SENN-MILLER
17 cm, 6 3/4"

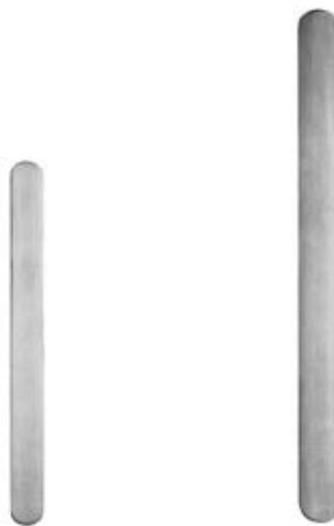
HASSON

19162-10 10 mm
16 cm, 6 1/4"19162-13 13 mm
18 cm, 7"

Satz, set, juego, serie

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

biegsam, malleable, maleable, malleabili



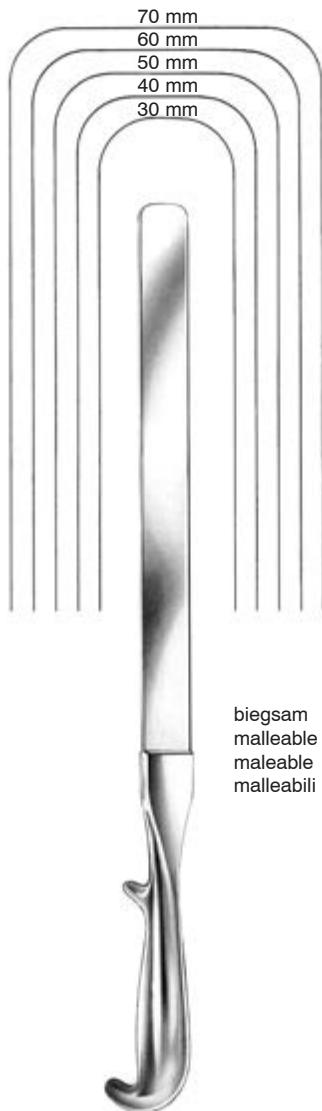
RIBBON

19168-06	6x200 mm
19168-08	8x200 mm
19168-10	10x200 mm
19168-12	12x200 mm
19168-17	17x200 mm
19168-20	20x200 mm
19168-25	25x200 mm
19169-25	25x250 mm

RIBBON

19170-20	20x330 mm
19170-25	25x330 mm
19170-32	32x330 mm
19170-40	40x330 mm
19170-45	45x330 mm
19170-50	50x330 mm
19170-65	65x330 mm
19170-76	76x330 mm

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



biegsam
malleable
maleable
malleabili

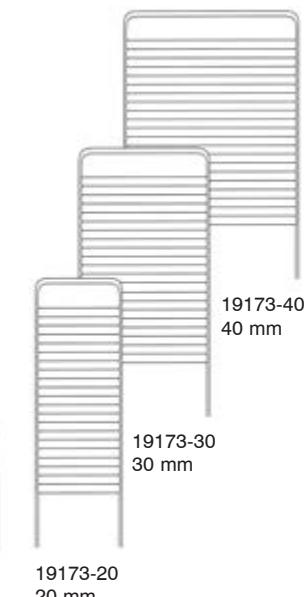
41 cm, 16"
19171-30 30 mm
19171-40 40 mm
19171-50 50 mm
19171-60 60 mm
19171-70 70 mm

Bauch- und Darmspatel

Abdominal and intestinal spatulas

Separadores, espátula intestinal y abdominal

Divaricatori, spatole addominali e intestinali

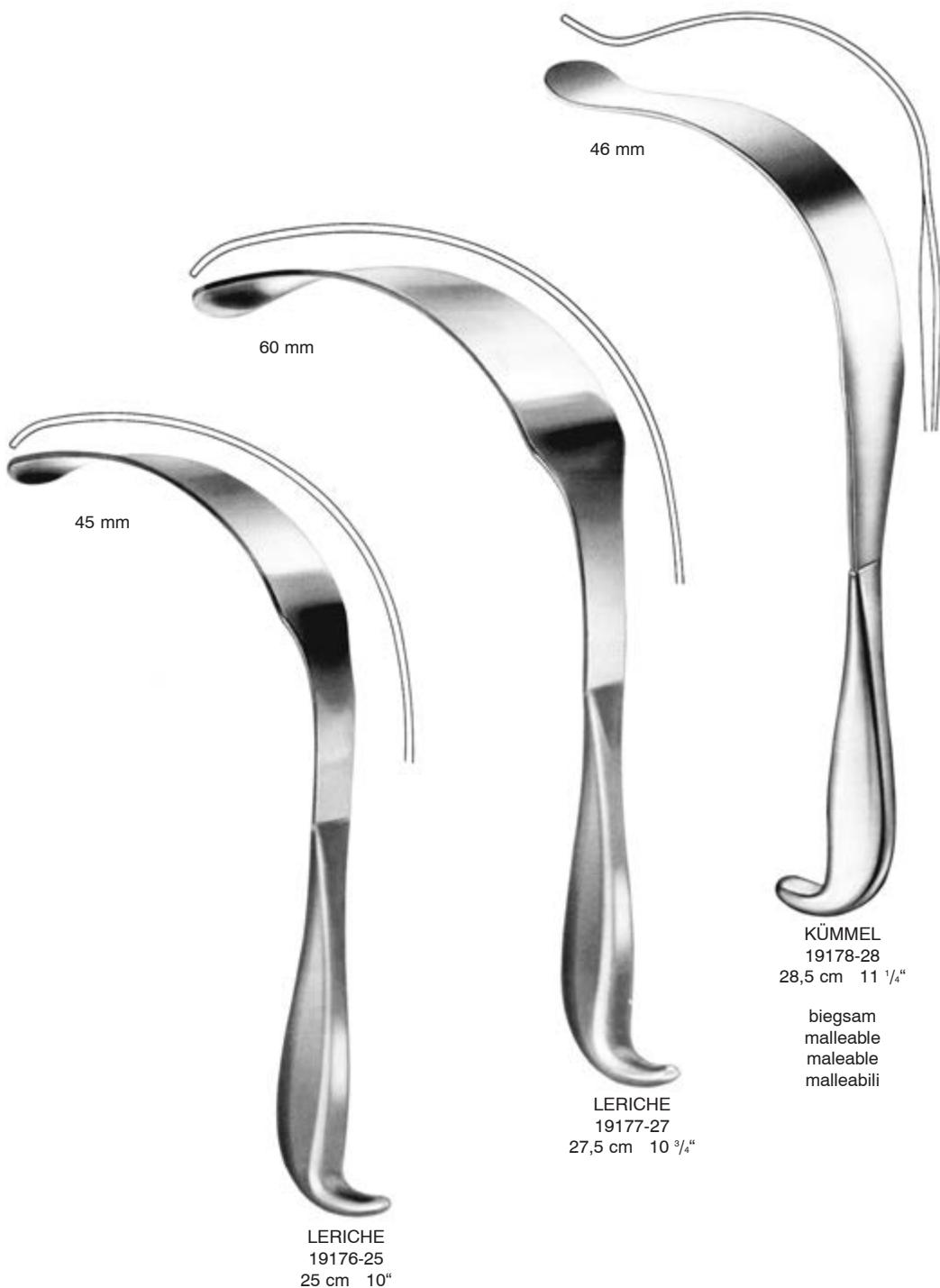


HABERER
19174-17 17/25x200 mm
19174-25 25/30x280 mm
19174-37 37/45x300 mm
19174-40 40/50x300 mm



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



KÜMMEL
19179-28
31 cm 12 1/4"

Wundhaken
Retractors
Separadores
Divaricatori



DEAVER
19180-19
19 cm, 7 1/2"



DEAVER
19181-22
21,5 cm, 8 1/2"



DEAVER
19181-25
23 cm, 9"



DEAVER
19183-25
30 cm, 11 3/4"



DEAVER
19185-25
33 cm, 13"



DEAVER
19187-25
36 cm, 14"

Wundhaken
Retractors
Separadores
Divaricatori



38 mm

DEAVER
19187-38
30 cm, 11 $\frac{3}{4}$ "



50 mm

DEAVER
19187-50
31 cm 12 $\frac{1}{4}$ "



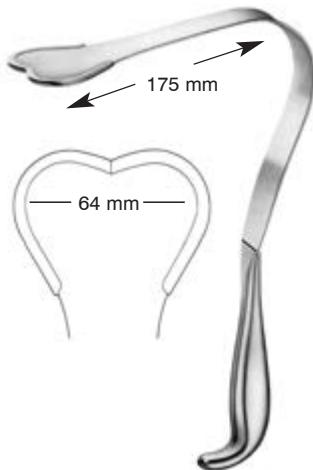
75 mm

DEAVER
19187-75
32 cm, 12 $\frac{3}{4}$ "



DEAVER GRIP
19189-25 25x310 mm
19189-38 38x310 mm
19189-50 50x310 mm
19189-75 75x310 mm
31 cm 12 $\frac{1}{4}$ "

Wundhaken
Retractors
Separadores
Divaricatori



HARRINGTON-PEMBERTON
19190-64
29,5 cm 11 $\frac{3}{4}$ "



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

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

30°
links
left
a la izquierda
a sinsitra



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



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



COOLEY
19195-03
25,5 cm, 10"

Aortahaken
Aorta Retractors
Separadores para aórtica
Divaricatori per aorta



19196-01
24 cm, 9 1/2"

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

19196-03
25 cm, 10"



19196-04
25,5 cm, 10"



19196-05
27 cm, 10 1/2"



19196-06
25,5 cm, 10"

ROSS

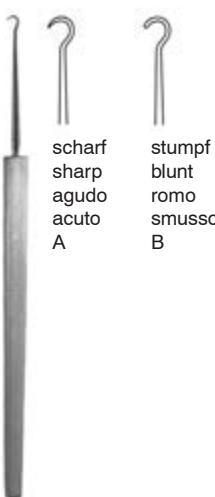
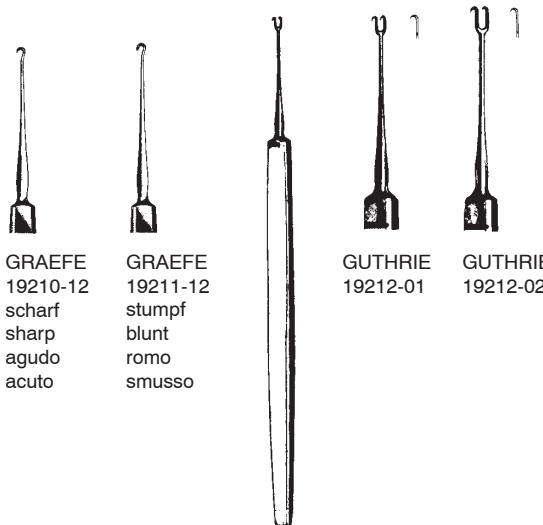
flexibler Schaft
flexible shaft
vástago flexible
asta flessibile

Hauthäkchen

Nerve and wound hooks

Ganchos y ganchitos para nervios

Uncini per nervi e divaricatori fini



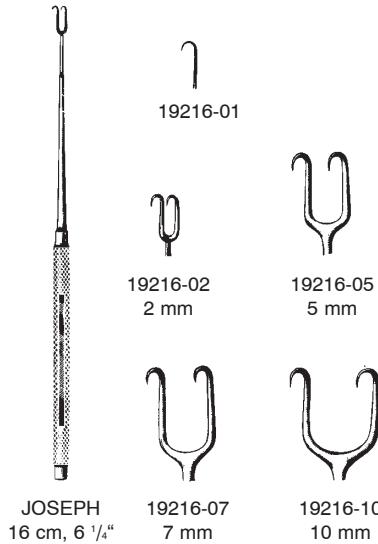
FRAZIER

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

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



LAHEY
12 cm, 4 3/4"



JOSEPH
16 cm, 6 1/4"
19216-07
7 mm
19216-10
10 mm



KLEINERT-KUTZ
13 cm, 5 1/8"

Hauthäkchen

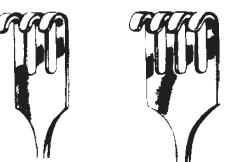
Nerve and wound hooks

Ganchos y ganchitos para nervios

Uncini per nervi e divaricatori fini



REDA
16 cm, 6 1/4"



REDA
16 cm, 6 1/4"



19226-04



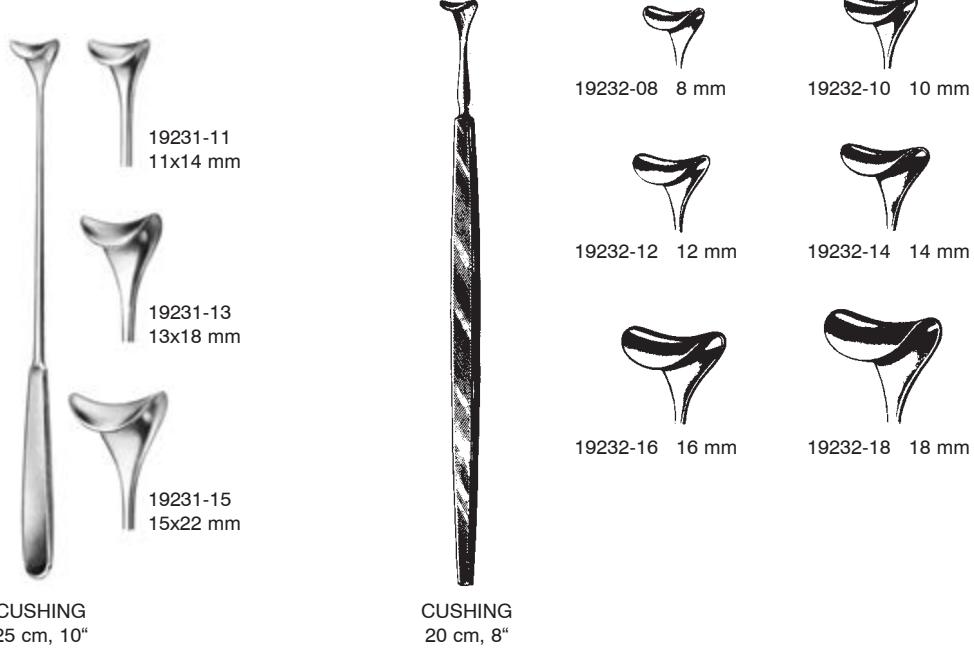
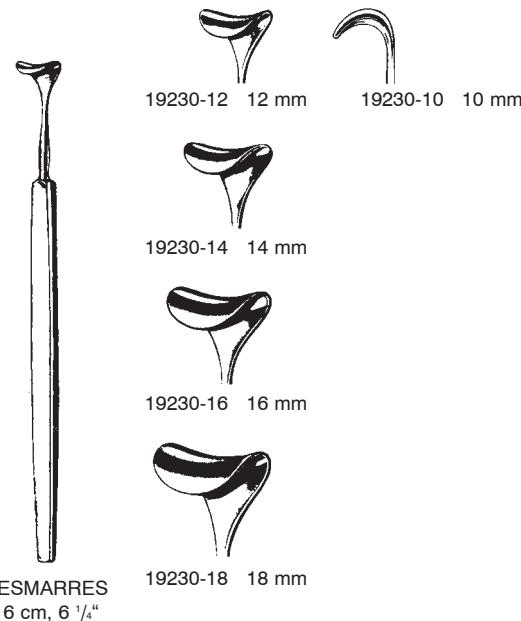
19227-04

REDA, flexibel
16 cm, 6 1/4"



KLAPP
17,5 cm, 6.9"

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



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



CUSHING
24 cm, 9 $\frac{1}{2}$ "



19236-08 8 mm



19236-10 10 mm



19236-12 12 mm



19236-14 14 mm



19236-16 16 mm



19236-18 18 mm



GIL-VERNET
24 cm, 9 $\frac{1}{2}$ "

biegsam
malleable
maleable
malleabile



19233-08
8 mm



19233-11
11 mm

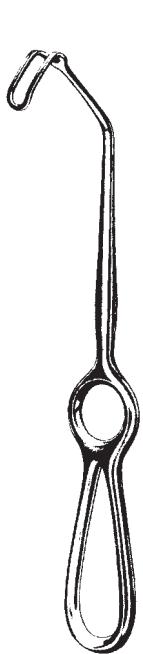


19233-15
15 mm



19233-17 17 mm 19233-20 20 mm 19233-23 23 mm

Wundhaken
Retractors
Separadores
Divaricatori



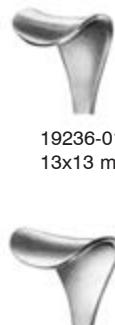
CUSHING
19234-20
20 cm, 8"



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



KÖNIG
18 cm, 7"

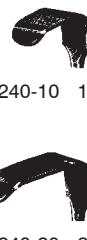


19236-01
13x13 mm

19236-02
12x16 mm



SENN-GREEN
15 cm, 6"



19240-10 10x6 mm



19240-20 20x6 mm



LANGENBECK-GREEN
16 cm, 6 1/4"

19250-16
16x6 mm

19250-24
24x6 mm



19270-02



19271-02



19270-03



19271-03



19270-04



19271-04



19270-06



19271-06

Wundhaken
Retractors
Separadores
Divaricatori



19280-01



19280-02



19280-03



19280-04



19280-06



scharf
sharp
agudo
acuto



19281-01



19281-02



19281-03



19281-04



19281-06



stumpf
blunt
romo
smusso



VOLKMANN
21,5 cm, 8 1/2"



19282-02



19282-03



19282-04

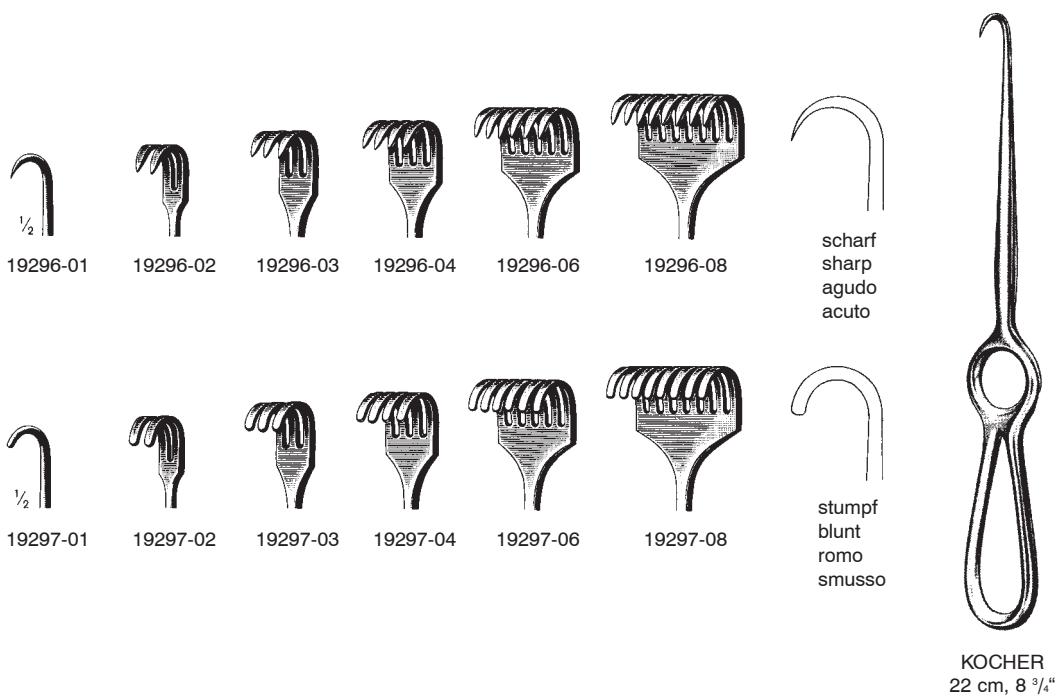


19282-06

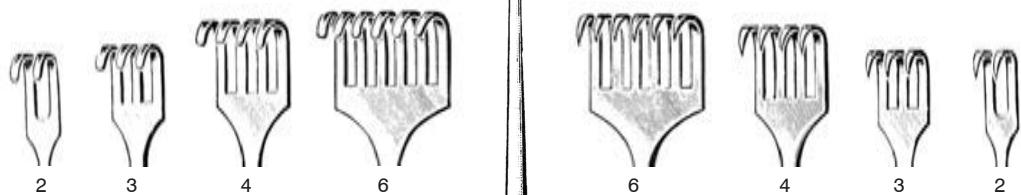
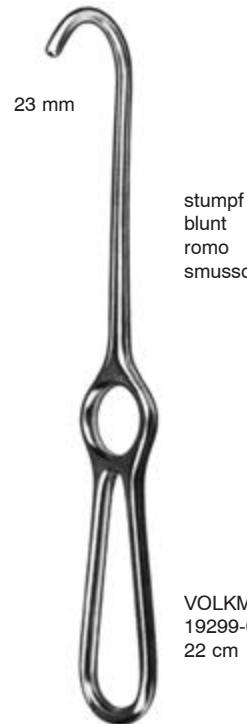


halbscharf
semi-sharp
medio romo
mezzo smusso

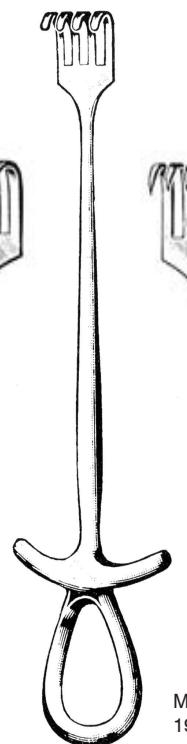
Wundhaken
Retractors
Separadores
Divaricatori



Wundhaken, Knochenhaken
 Retractors, Bone Retractors
 Separadores, Separadores oseos
 Divaricatori, Divaricatori per ossa



19301-02 8x 8 mm
 19301-03 8x13 mm
 19301-04 8x18 mm
 19301-06 8x28 mm



19300-02 8x 8 mm
 19300-03 8x13 mm
 19300-04 8x18 mm
 19300-06 8x28 mm

Wundhaken
Retractors
Separadores
Divaricatori



MEYERDING
18 cm, 7"



19302-01 18x7 mm



19302-04 7x4 mm



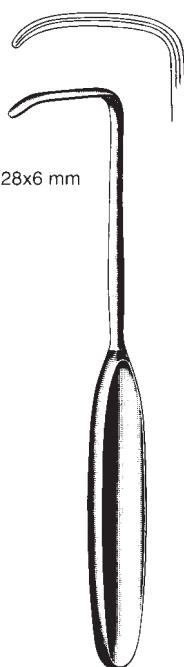
19302-02 16x5 mm



19302-05 10x3 mm

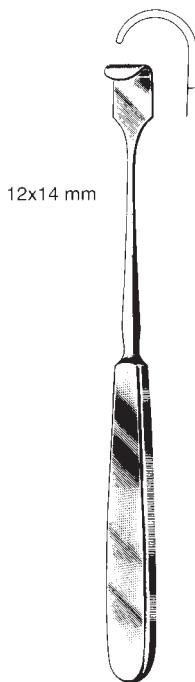


19302-06 10x4 mm



28x6 mm

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



12x14 mm

LITTLE
19306-20
20 cm, 8"



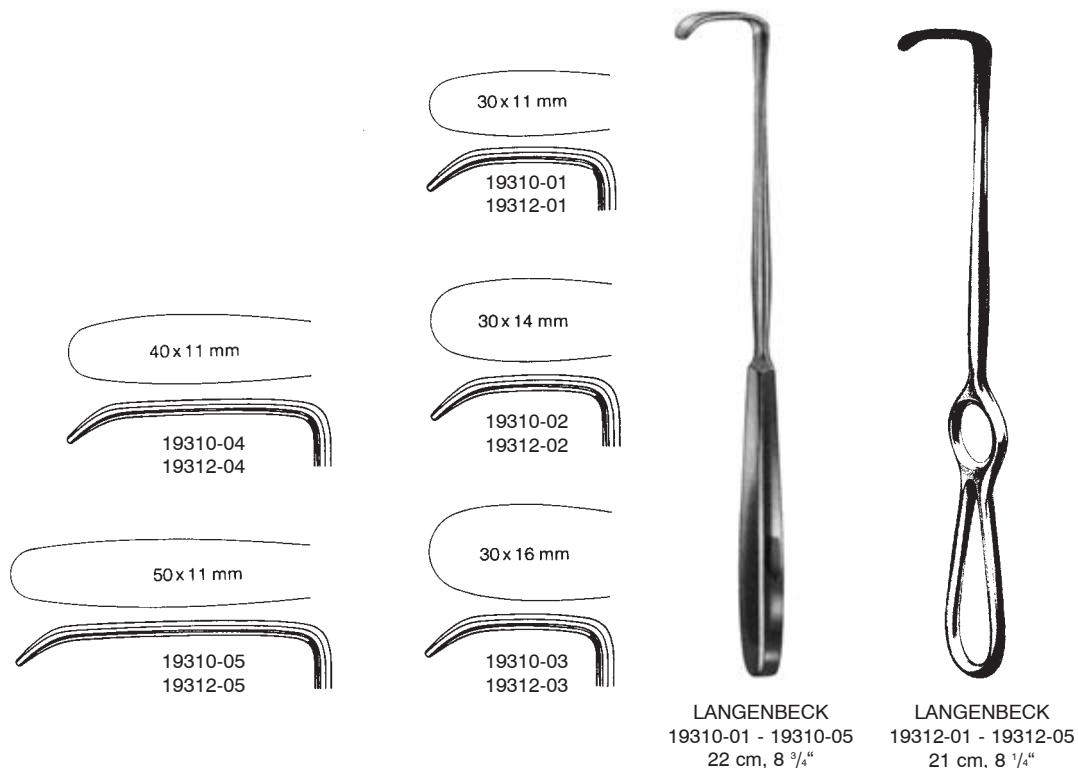
19307-01



19307-02

STRANDELL-STILLE
17 cm 6 3/4"

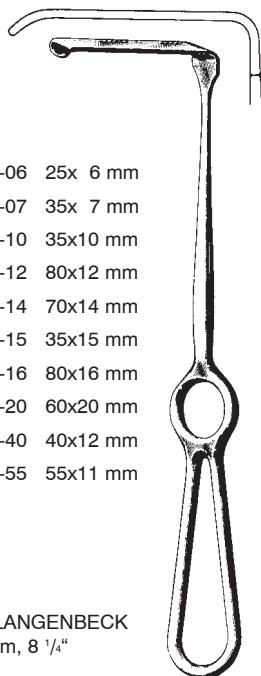
Wundhaken
Retractors
Separadores
Divaricatori



Wundhaken
Retractors
Separadores
Divaricatori

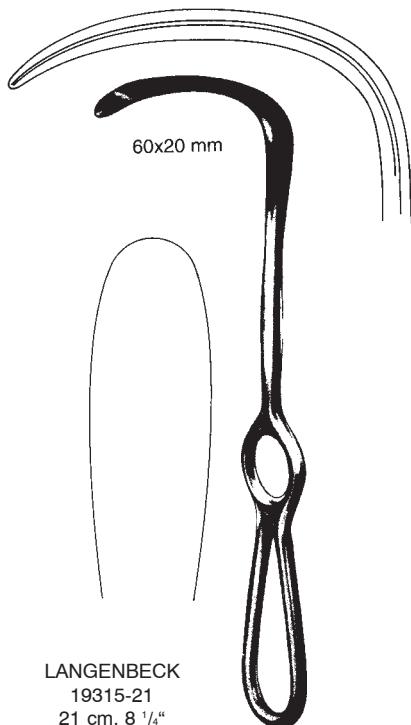
- 19315-06 25x 6 mm
- 19314-07 35x 7 mm
- 19314-10 35x10 mm
- 19314-12 80x12 mm
- 19314-14 70x14 mm
- 19314-15 35x15 mm
- 19314-16 80x16 mm
- 19314-20 60x20 mm
- 19330-40 40x12 mm
- 19330-55 55x11 mm

KOCHER-LANGENBECK
21 cm, 8 1/4"



60x20 mm

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



85x15 mm

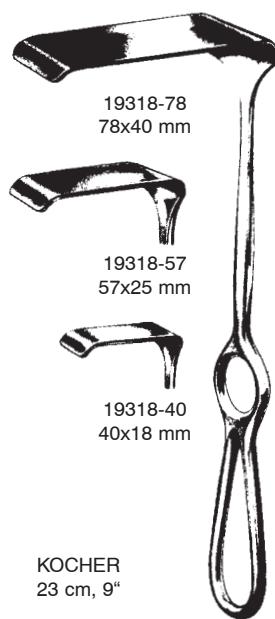


LANGENBECK
19317-21
21 cm, 8 1/4"

19318-78
78x40 mm

19318-57
57x25 mm

19318-40
40x18 mm



KOCHER
23 cm, 9"

Wundhaken
Retractors
Separadores
Divaricatori



19344-14
14x17 mm
21,5 cm, 8 1/2"



19344-20
20x22 mm
22 cm, 8 3/4"



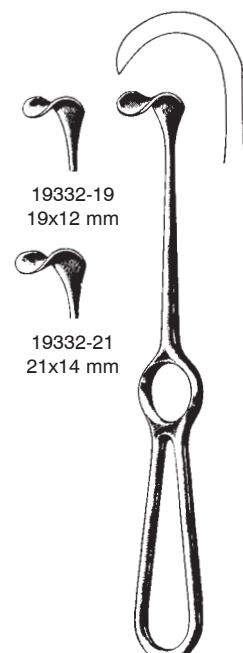
19344-26
26x30 mm
23,5 cm, 9 1/4"



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"



19345-02
45x50 mm



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

19345-03
55x70 mm



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

Wundhaken
Retractors
Separadores
Divaricatori



Wundhaken
Retractors
Separadores
Divaricatori

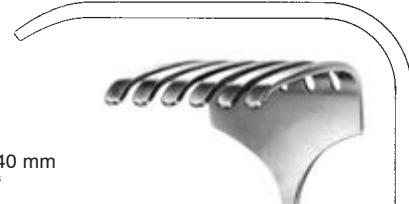


19364-50 45x50 mm

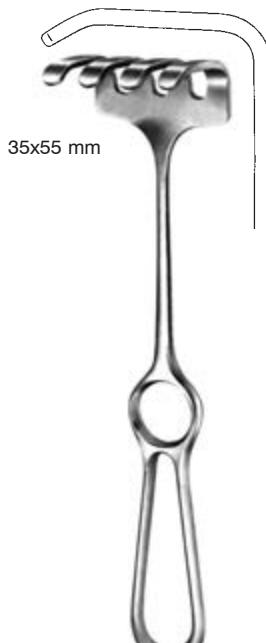


19364-60 50x60 mm

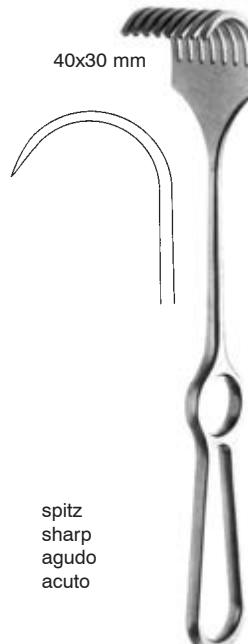
ISRAEL
19364-40 40X40 mm
25 cm, 10°



19364-70 70x70 mm



35x55 mm



40x30 mm

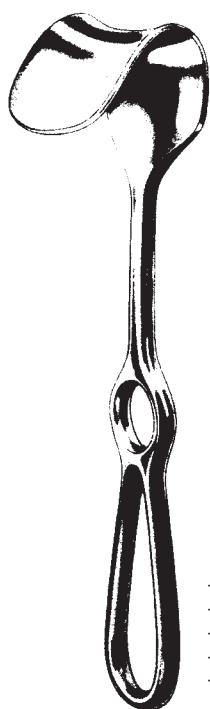
spitz
sharp
agudo
acuto

stumpf
blunt
romo
smusso

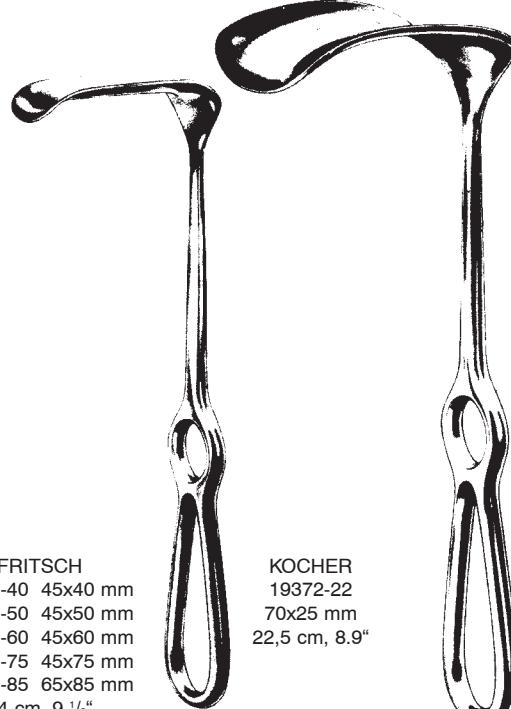
OLLIER
19360-04 22,5 cm, 8.9"

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"

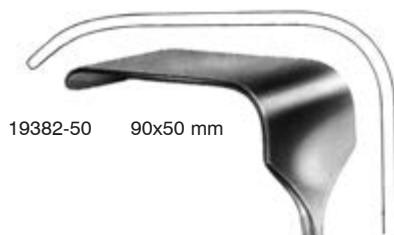


KOCHER
19372-22
70x25 mm
22,5 cm, 8.9"

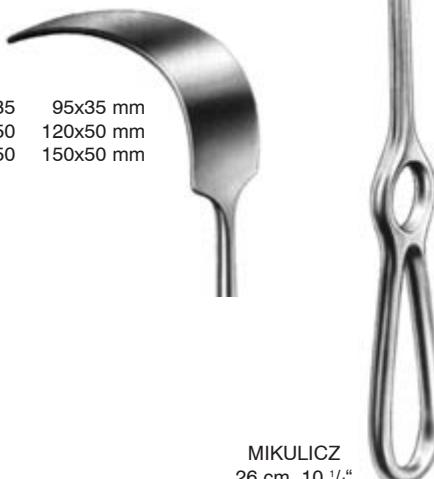
KOCHER
19374-45 80x45 mm
19374-55 80x55 mm
19374-65 80x65 mm
25 cm, 10"



DOYEN
19378-25
25 cm, 10"



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



MIKULICZ
26 cm, 10 1/4"

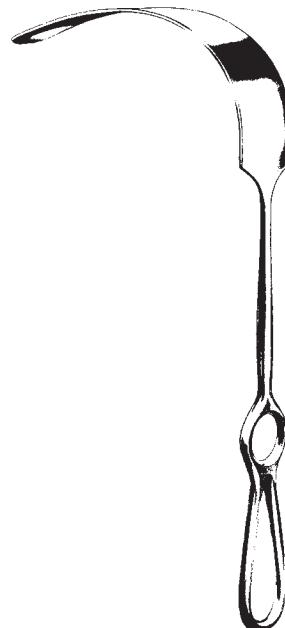
Wundhaken
Retractors
Separadores
Divaricatori



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



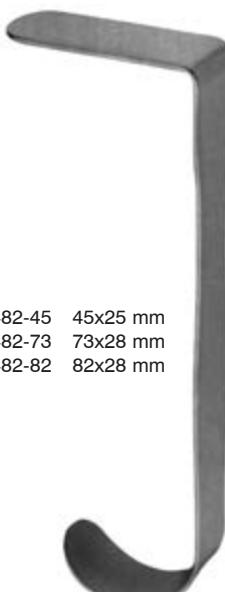
MORRIS
24,5 cm
 $9 \frac{3}{4}$ "



KELLY
19385-38 160x38 mm
19385-57 160x57 mm
27 cm, $10 \frac{1}{2}$ "

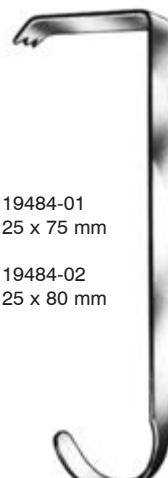


SIMON
19480-22 115x22 mm
19480-27 115x27 mm
28 cm, 11"



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

HEANEY
27 cm, $10 \frac{1}{2}$ "



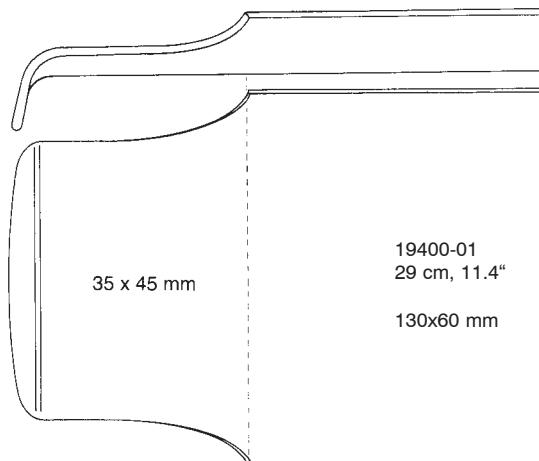
19484-01
25 x 75 mm
19484-02
25 x 80 mm



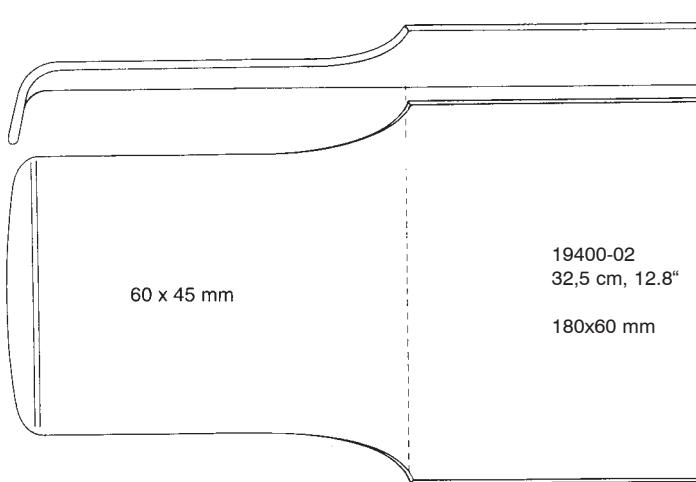
125x37 mm

SAUERBRUCH
19492-25
25 cm, 10"

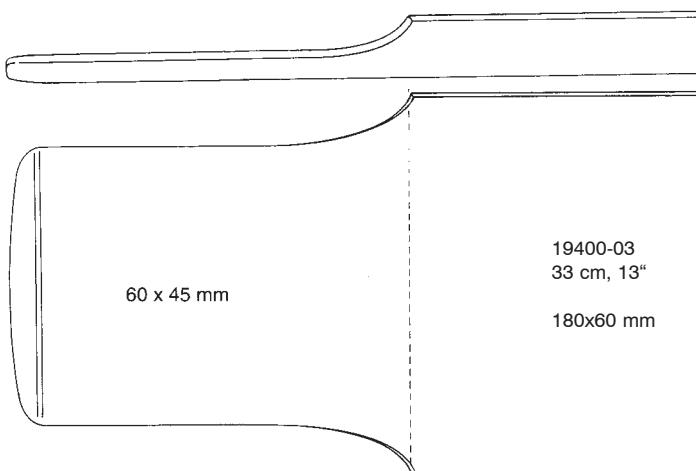
Pelvis-Haken
Pelvis retractor
Retractor de pelvis
Divaricatori pelvici



19400-01
29 cm, 11.4"
130x60 mm



19400-02
32,5 cm, 12.8"
180x60 mm

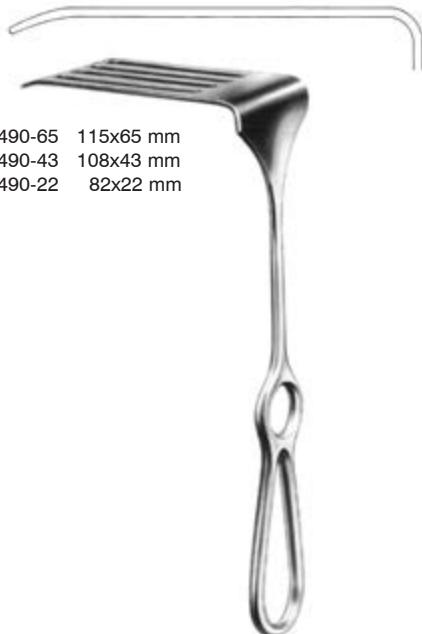


19400-03
33 cm, 13"
180x60 mm

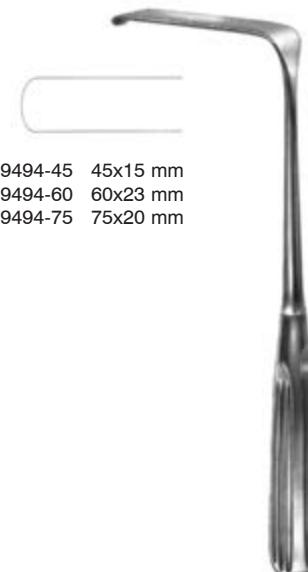


ST. MARKS
19400-01 19400-03

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



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

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

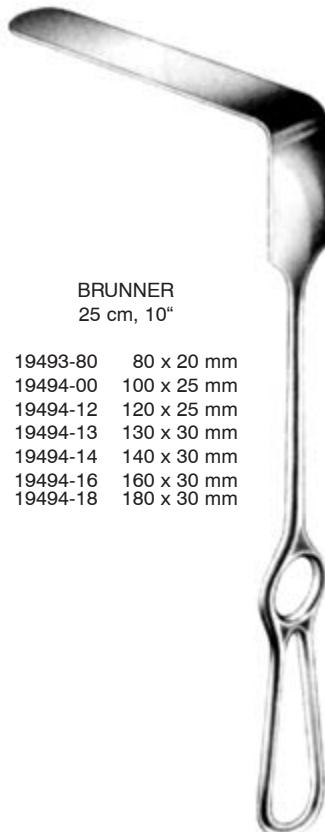
SAUERBRUCH
 22,5 cm, 8.9"



DAVIDSON
 19496-50 75x50 mm

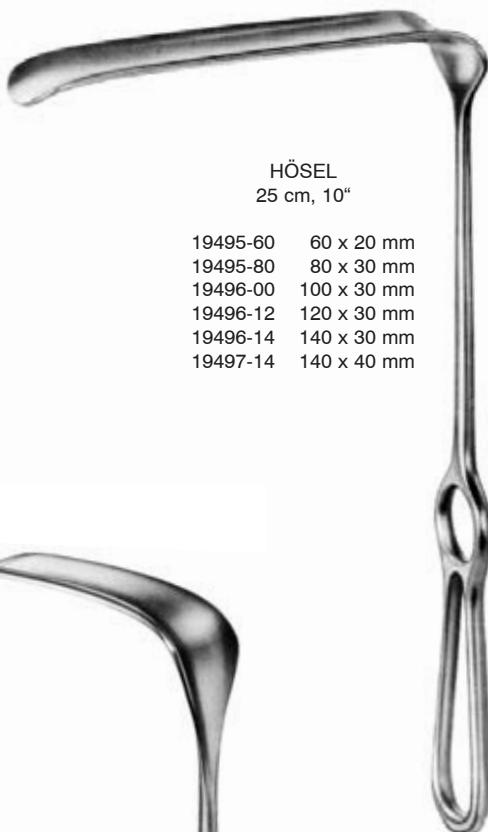
DAVIDSON
 19496-90 75x90 mm

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"

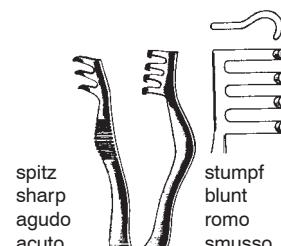
19498-01 97 x 29 mm
19498-02 101 x 31 mm
19498-03 127 x 52 mm

Wundsperrer, Kieferhöhlensperrer

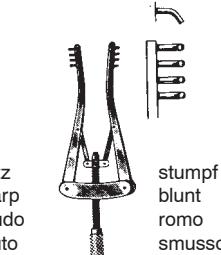
Retractors, Antrum Retractor

Separadores, Separadores para seno maxilar

Divaricatori, Divaricatori per seno mascellare



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



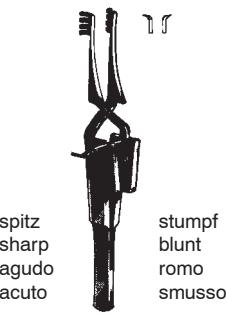
ALM
19620-07 7 cm, 2 $\frac{3}{4}$ " 19621-07
19620-10 10 cm, 4" 19621-10



JANSEN
19630-10 10 cm, 4"



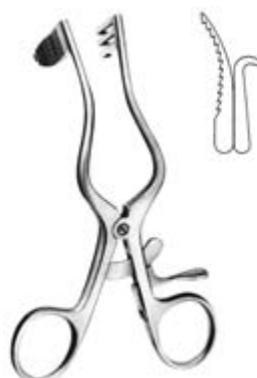
JANSEN
19631-10 10 cm, 4"



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



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



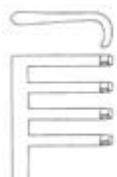
PERKINS
19637-14 13 cm, 5 $\frac{1}{8}$ "

Wundsperrer
Retractors
Separadores
Divaricatori

3x4



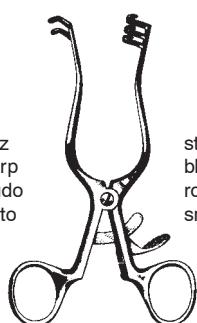
spitz
sharp
agudo
acuto



stumpf
blunt
romo
smusso

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

2x3

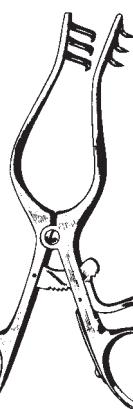


spitz
sharp
agudo
acuto

stumpf
blunt
romo
smusso

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

3x3

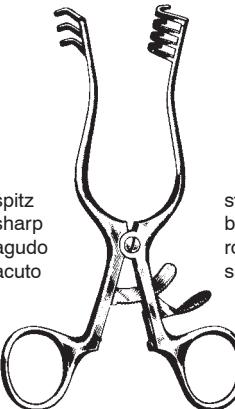


spitz
sharp
agudo
acuto

stumpf
blunt
romo
smusso

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

3x4

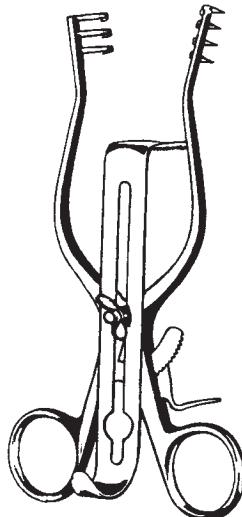


spitz
sharp
agudo
acuto

stumpf
blunt
romo
smusso

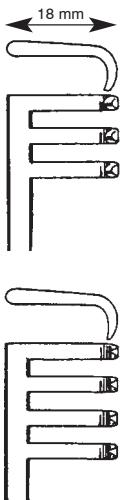
WEITLANER		
19670-14	14,0 cm, 5 1/2"	19671-14
19670-16	16,5 cm, 6 1/2"	19671-16
19670-20	20,0 cm, 8"	19671-20
19670-24	24,0 cm, 9 1/2"	19671-24

Wundsperrer
Retractors
Separadores
Divaricatori



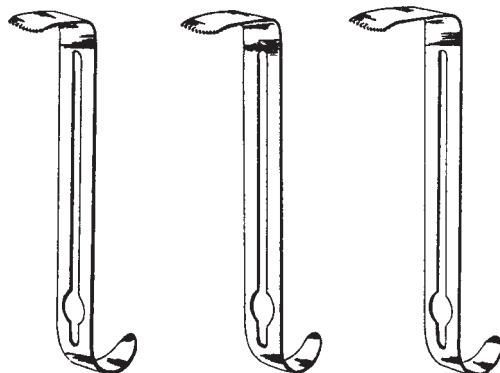
HENLEY
19675-00 - 19677-32
16,5 cm, 6 1/2"

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



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 completo, agudo, 3x4 dientes y 3 valvas
19676-00 completo con retr. acuto 3x4 d. e 3 valve



19677-19
16x19 mm
 $\frac{5}{8}'' \times \frac{3}{4}''$

19677-25
16x25 mm
 $\frac{5}{8}'' \times 1''$

19677-32
16x32 mm
 $\frac{5}{8}'' \times 1\frac{1}{4}''$

Wundsperrer
Retractors
Separadores
Divaricatori



PLESTER
19672-11 11 cm, 4 3/8"
stumpf - blunt - romo - smusso



PLESTER
19673-11 11 cm, 4 3/8"
stumpf - blunt - romo - smusso



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



WULLSTEIN
19675-13 13 cm, 5 1/8"
stumpf - blunt - romo - smusso

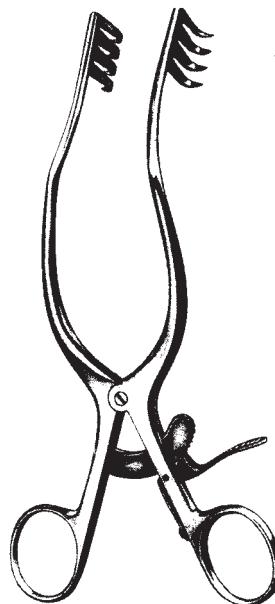


PLESTER
19677-13 13 cm, 5 1/8"
scharf - sharp - agudo - acuto

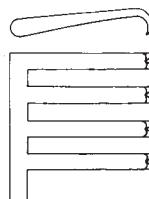


MAYO-ADAMS
19678-16 16,5 cm, 6 1/2"
stumpf - blunt - romo - smusso

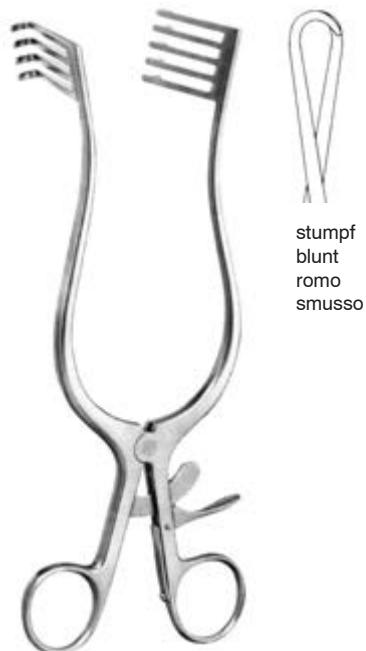
Wundsperrer
Retractors
Separadores
Divaricatori



ANDERSON ADSON
19679-20 19,5 cm, 7 $\frac{3}{4}$ "



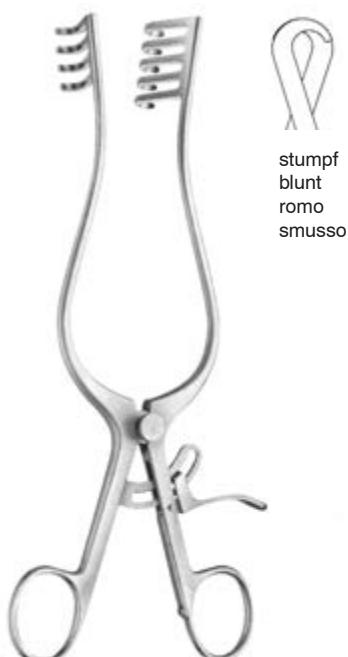
spitz
sharp
agudo
acuto



NORFOLK / NORWICH
19679-22 22 cm, 8 $\frac{3}{4}$ "



spitz
sharp
agudo
acuto ADSON
19680-19 19 cm, 7 $\frac{1}{2}$ " 19681-19
stumpf
blunt
romo
smusso



TRAVERS
19681-21 21,5 cm, 8 $\frac{1}{2}$ "

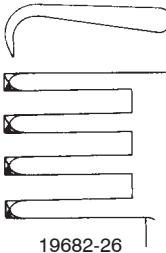
stumpf
blunt
romo
smusso

Wundsperrer
Retractors
Separadores
Divaricatori



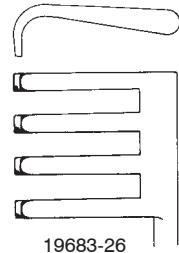
ADSON
19682-26 - 19683-26
26,5 cm, 10 1/2"

spitz
sharp
agudo
acuto



19682-26

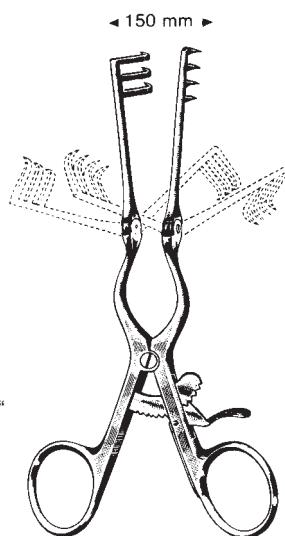
stumpf
blunt
romo
smusso



19683-26

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

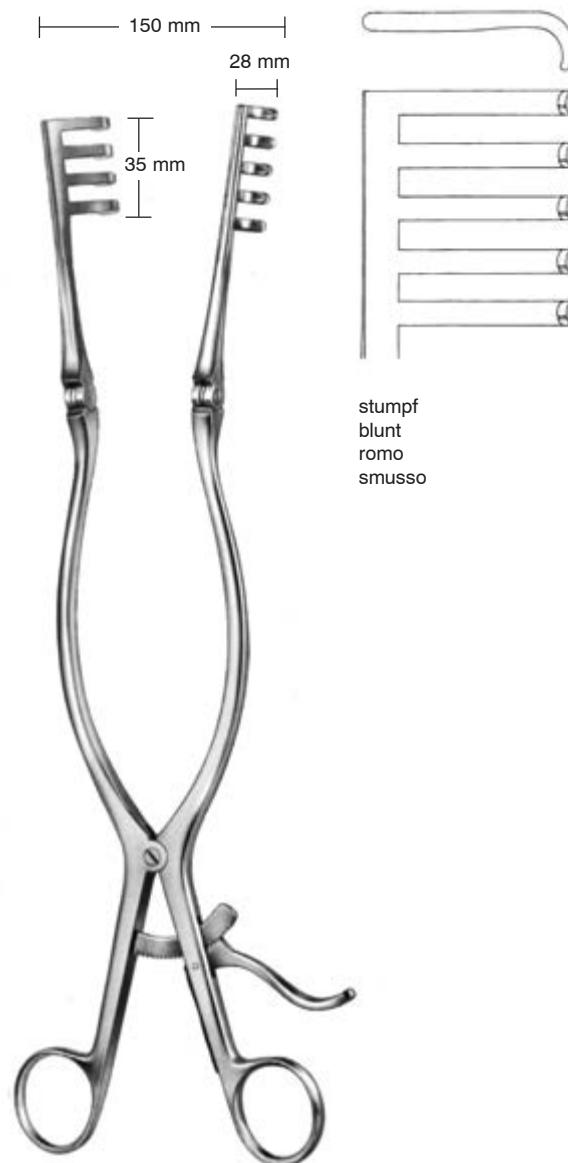


ADSON

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

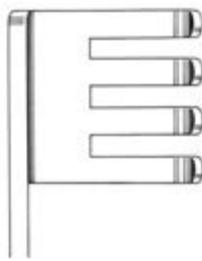


ADSON
19686-32
32 cm, 12 3/4"

Wundsperrer
Retractors
Separadores
Divaricatori

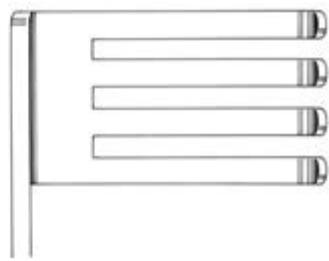


BECKMAN-ADSON
31 cm, 12 1/4"



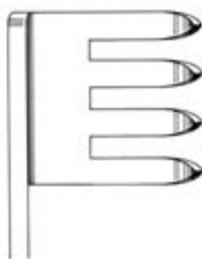
19687-01
25 x 31 mm

stumpf
blunt
romo
smusso



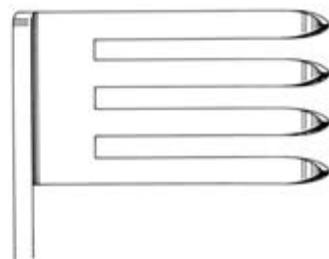
19688-01
45 x 27 mm

stumpf
blunt
romo
smusso



19687-02
25 x 31 mm

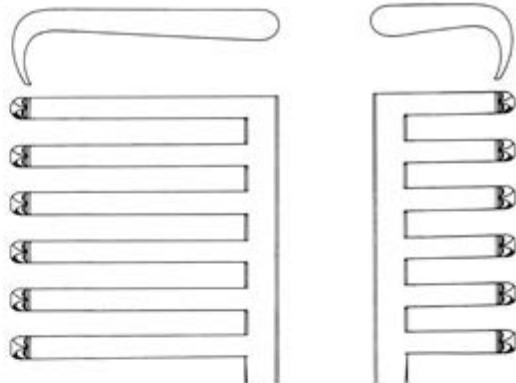
scharf
sharp
agudo
acuto



19688-02
45 x 27 mm

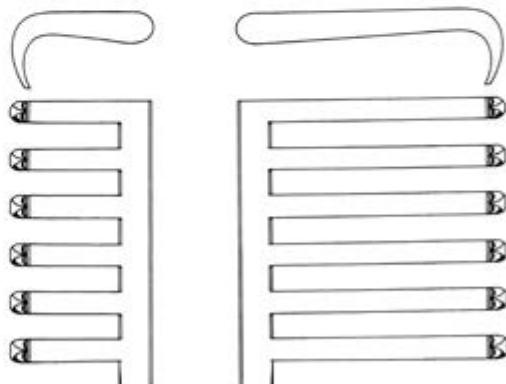
scharf
sharp
agudo
acuto

Wundsperrer
Retractors
Separadores
Divaricatori



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

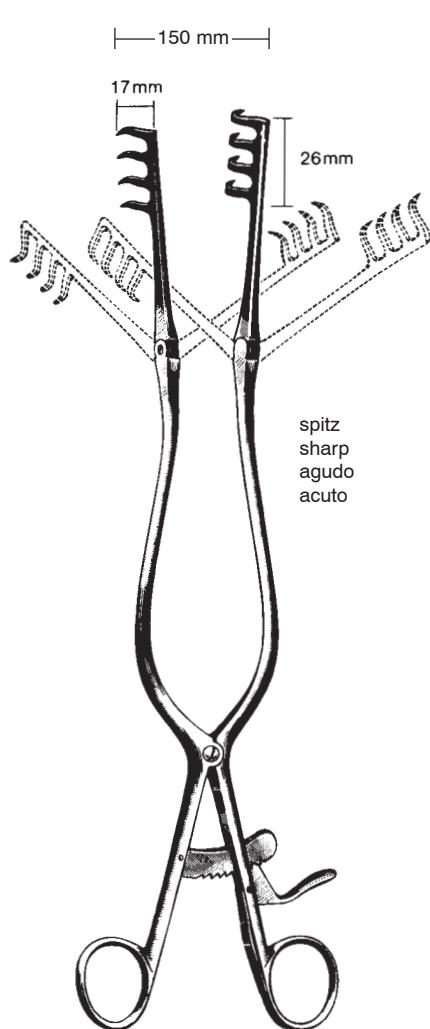


19689-02
6x6 Zähne

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

MARTIN
28,5 cm, 11 1/4"

Wundsperrer
Retractors
Separadores
Divaricatori



BECKMANN
19690-31
31 cm, 12 $\frac{1}{4}$ "



BECKMANN-EATON
19692-32
32 cm, 12 $\frac{3}{4}$ "

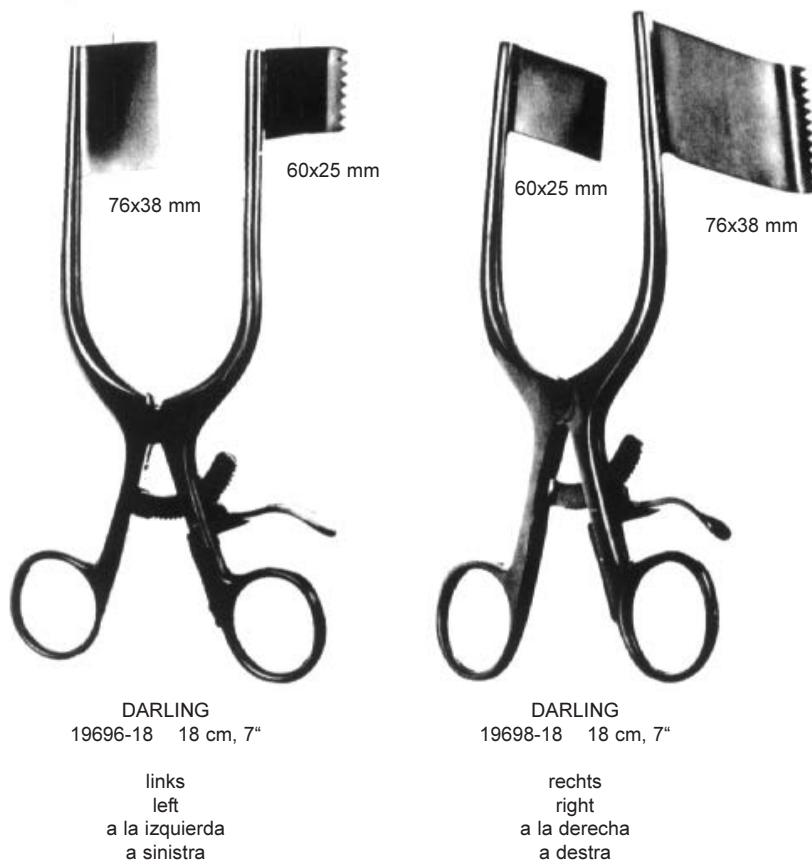
Wundhaken
Retractors
Separadores
Divaricatori



MEYERDING

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

Hemilaminekтомiespreizer
Hemilaminectomy Retractor
Separadores para hemilaminectomía
Divaricatori per emilaminectomia



Cervicalspreizer
Cervical Retractor
Separador cervical
Divaricatore cervicale

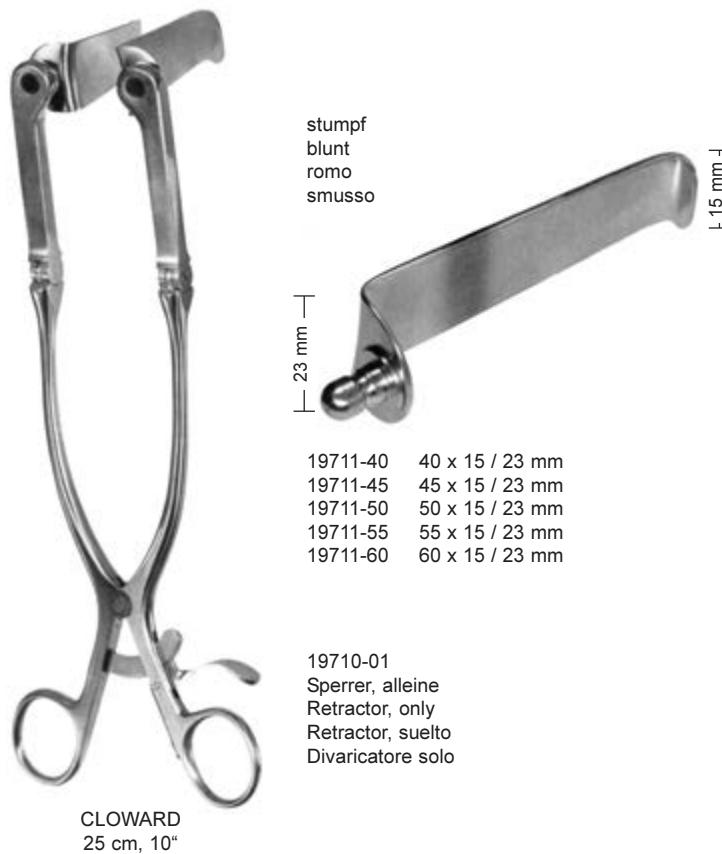


19710-40	40 x 15 / 23 mm
19710-45	45 x 15 / 23 mm
19710-50	50 x 15 / 23 mm
19710-55	55 x 15 / 23 mm
19710-60	60 x 15 / 23 mm

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



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



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



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



CLOWARD
16 cm, 6 1/4"



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

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

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-Wechselpinzellette
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



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"

19745-55

65 mm, 2 1/2"

19745-55

55 mm, 2 1/8"

19745-70

70 mm, 2 3/4"

CASPAR

19744-00

komplett mit 7 Blätter

compl. incl. 7 blades

completo con 7 valvas

complete di 7 valve

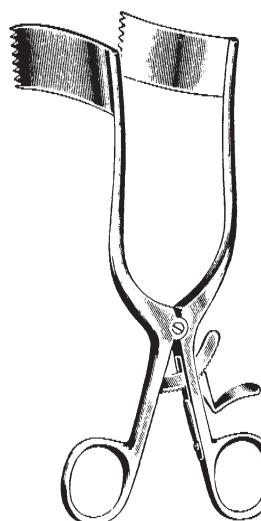
19744-17

ohne Blätter

without blades

sin valvas

senza valvole

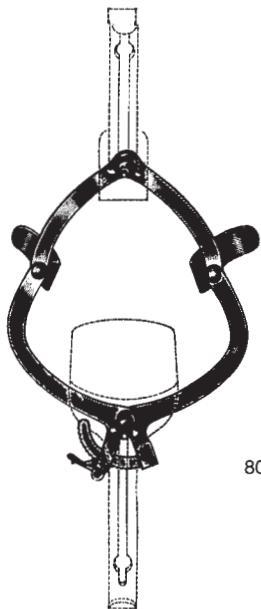


MEYERDING

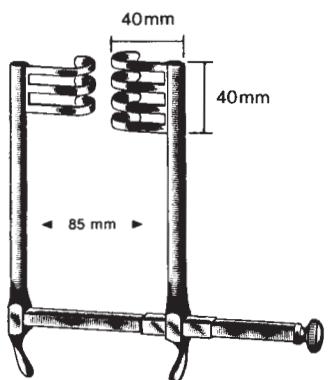
17 cm, 6 3/4"

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

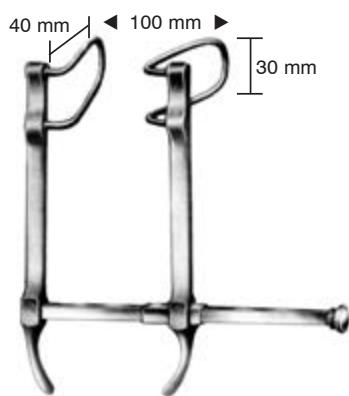
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



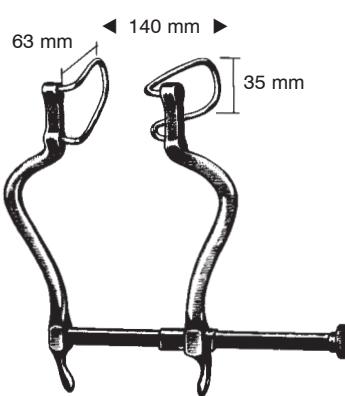
O`SULLIVAN - O`CONNOR
19754-00
compl.



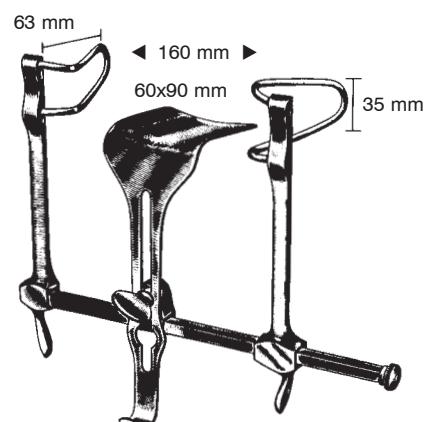
FRAZIER
19758-85



BABY GOSSET
19759-00

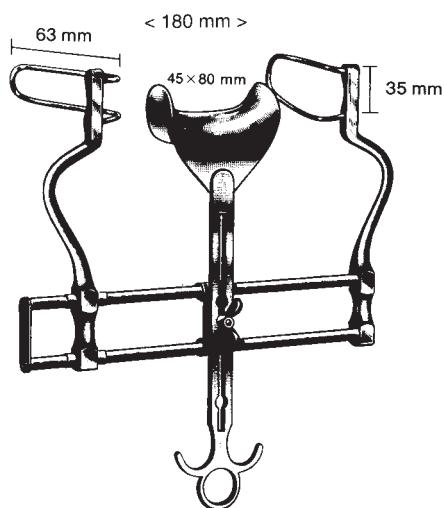


GOSSET
19760-14

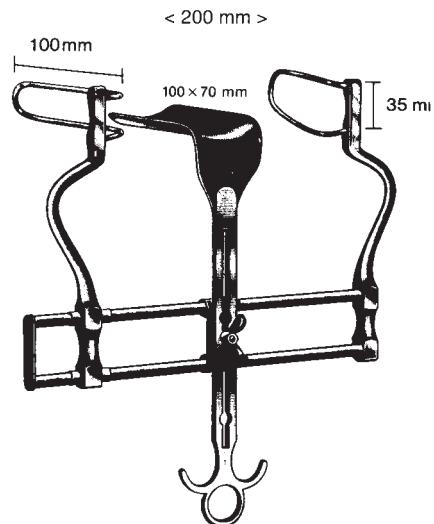


GOSSET
19762-16

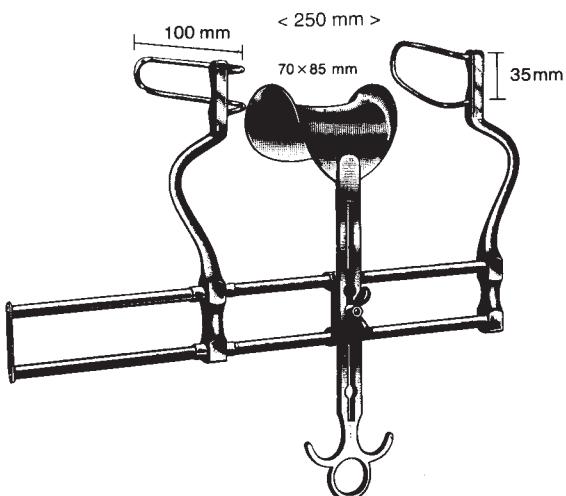
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



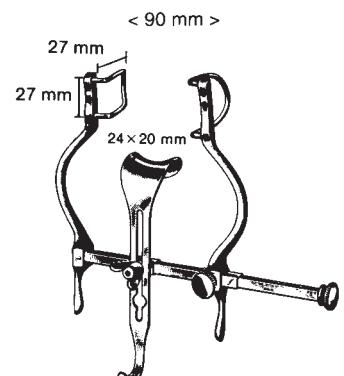
BALFOUR
19764-18
18 cm, 7"



BALFOUR
19764-20
20 cm, 8"

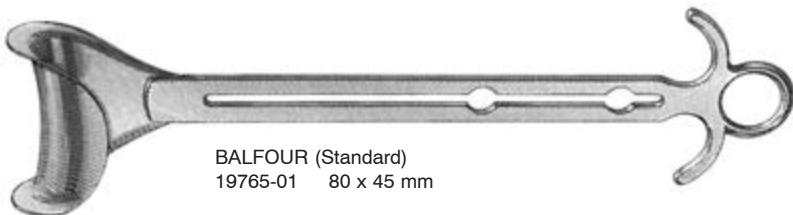


BALFOUR
19764-25
25 cm, 10"

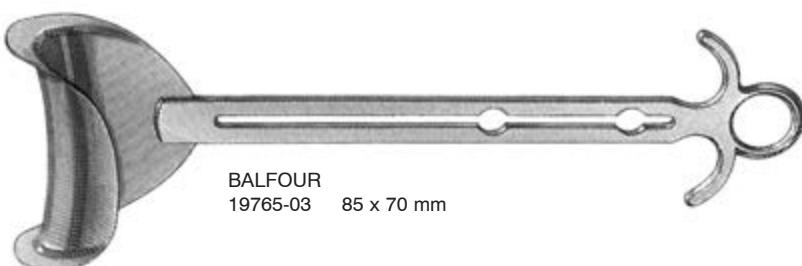


BALFOUR Baby
19766-90
9 cm, 3 1/2"

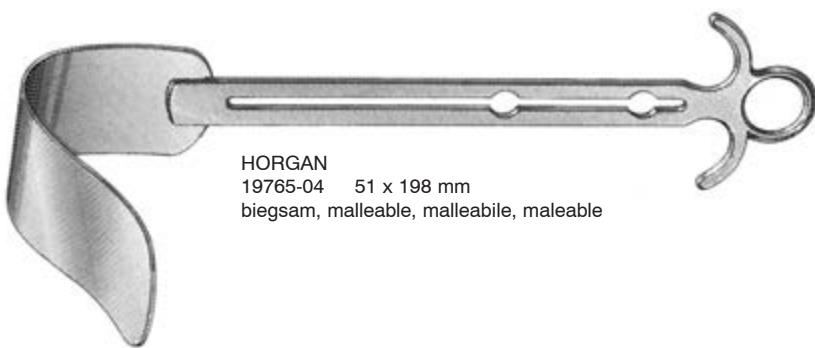
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



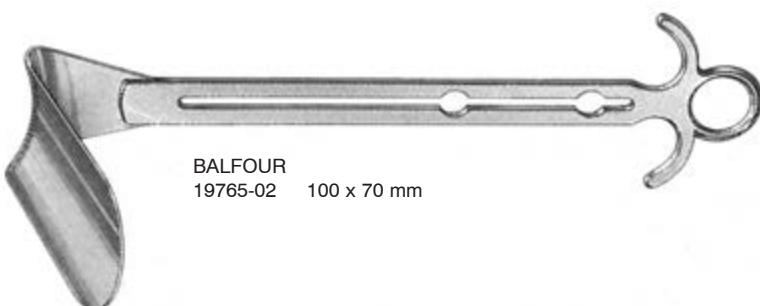
BALFOUR (Standard)
19765-01 80 x 45 mm



BALFOUR
19765-03 85 x 70 mm



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



BALFOUR
19765-02 100 x 70 mm

Bauchdeckenhalter
 Abdominal Retractors
 Separadores abdominales
 Divaricatori addominali



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

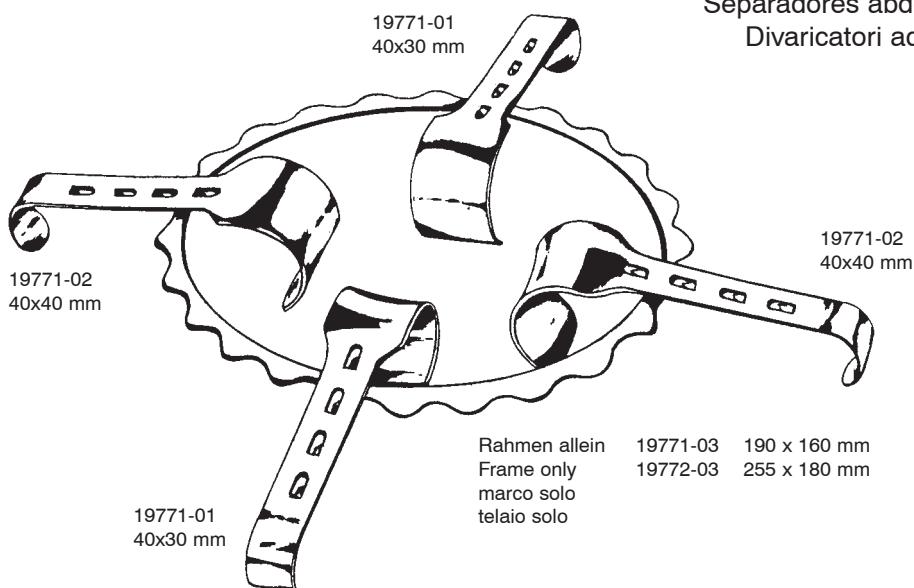
Drahtvalven 7,5 cm (2,95") tief (Paar)
 Fenestrated blades 7,5 cm (2,95") deep (pair)
 Valvas de alambre 7,5 cm 2,95") profundidad (par)
 Valve di filo profondità 7,5 cm (2,95") (paio)



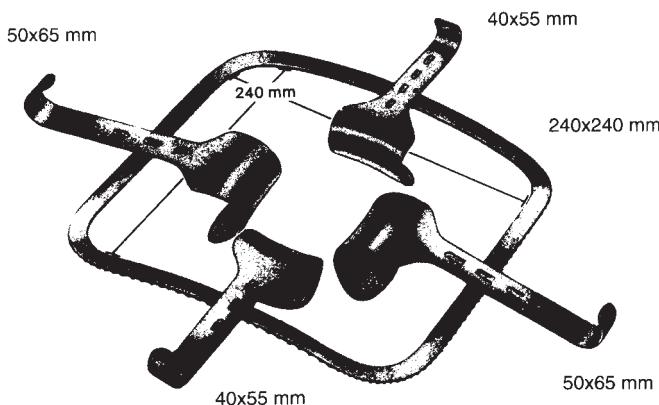
BALFOUR-US

19767-18
 19767-25
 komplett
 complete
 completo

Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



DENIS-BROWNE
19771-00 compl. Pediatric/pediatrico 190 x 160 mm
19772-00 compl. Adult/adulto 255 x 180 mm



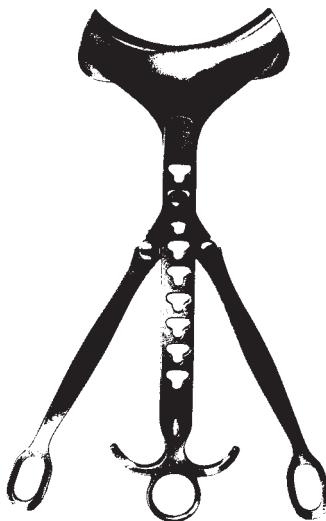
KIRSCHNER



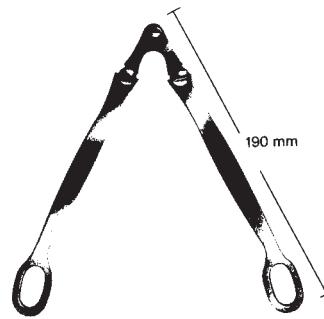
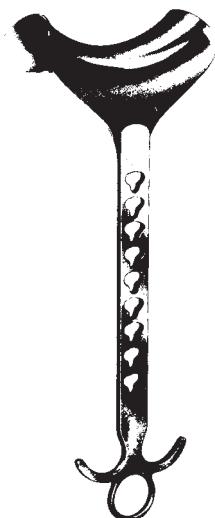
19782-00 Kirschner Bauchdeckenhalter komplett bestehend aus:
Kirschner Abdominal Retr. complete constisting of:
Kirschner separador abdominal completo compuesto de:
Kirschner Divaricatore addominale completo, composto da:

19781-55 2 Rahmehaken / 2 Hook-on Retr. / 2 separadores / 2 divaricatori 40 x 55 mm
19781-65 2 Rahmehaken / 2 Hook-on Retr. / 2 separadores / 2 divaricatori 50 x 65 mm
19783-24 Rahmen fest / frame rigid / marco rigido / telaio rigido 240 x 240 mm

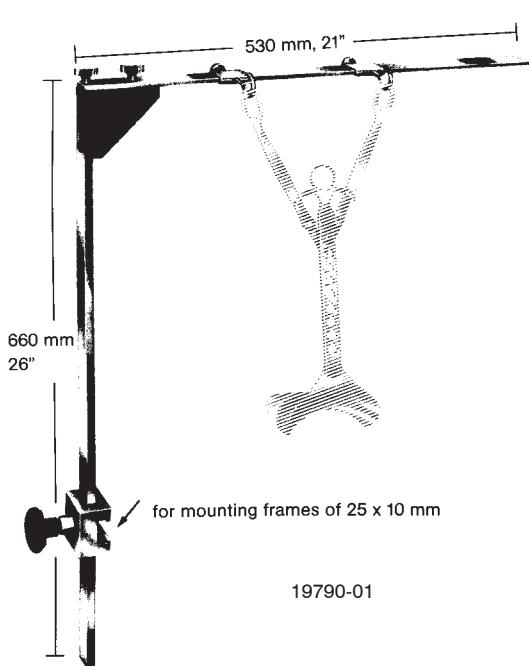
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



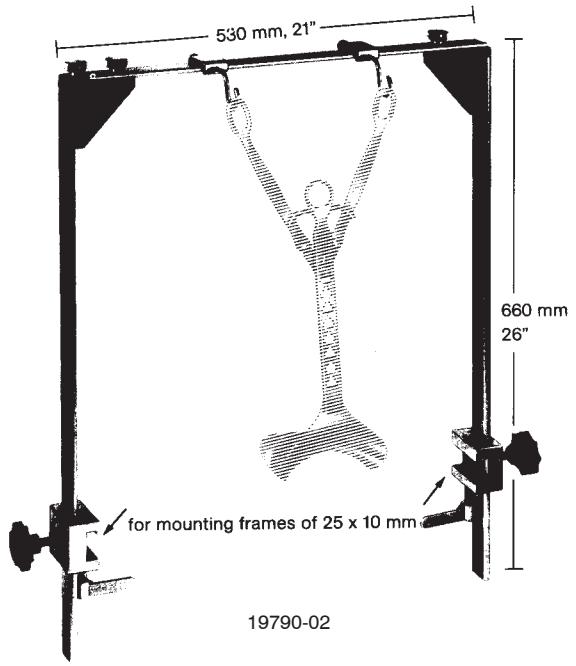
19780-01 + 19770-01

ROCHARD
19780-01ROCHARD
31 cm, 12 1/4"

19770-01 48x90 mm
19770-02 48x105 mm
19770-03 48x120 mm
19770-04 48x135 mm
19770-05 48x155 mm

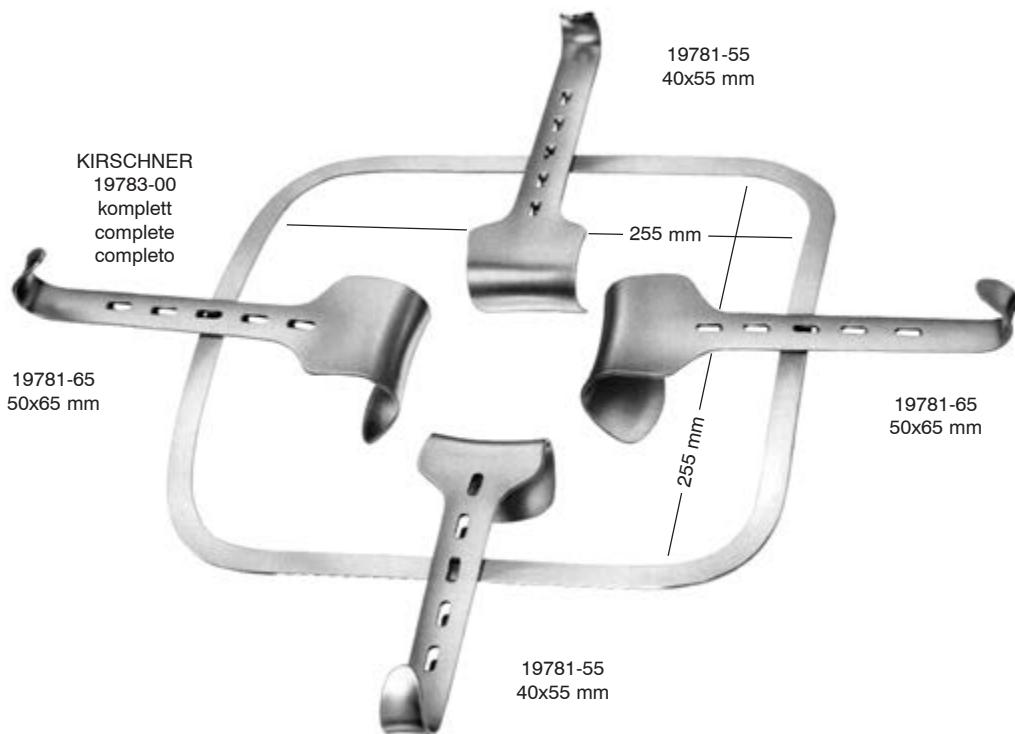


19790-01

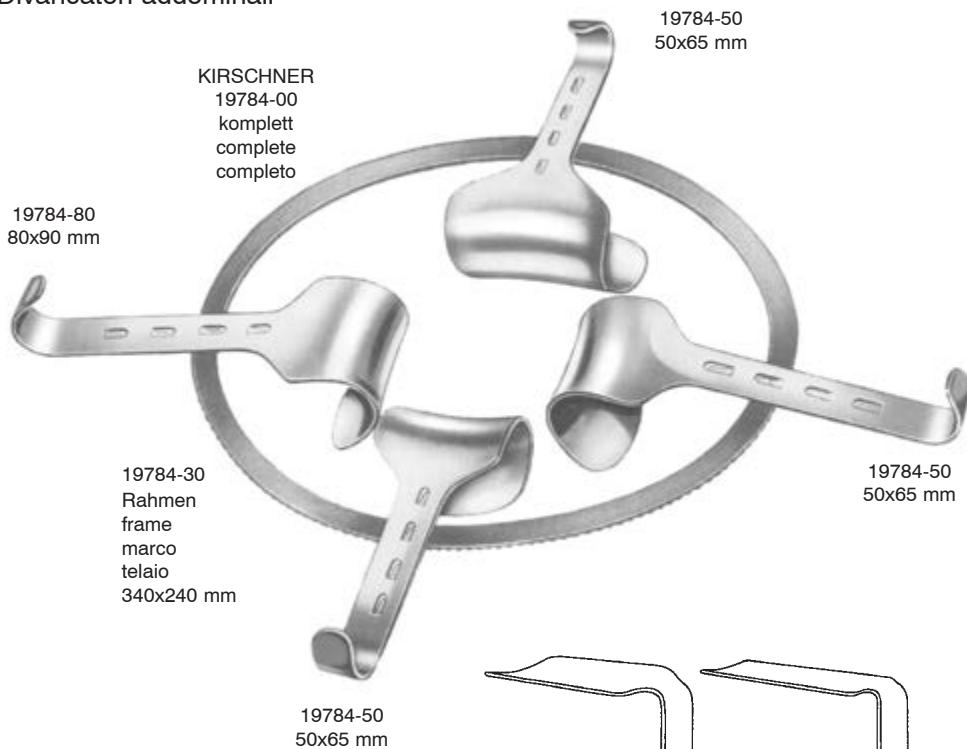


19790-02

Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali

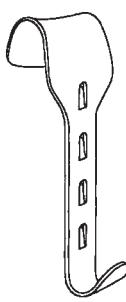


für Darm und Blase
for intestine and bladder
para intestino y vejiga
per intestino e vescica

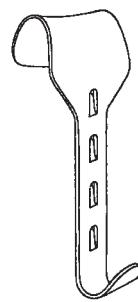
Rahmenhaken
Blade
Valva
Valva

19784-98
98x50 mm

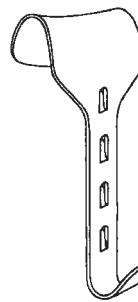
19784-99
105x35 mm



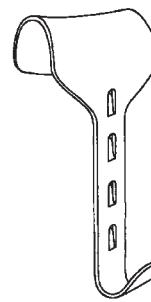
19784-40
40x55 mm



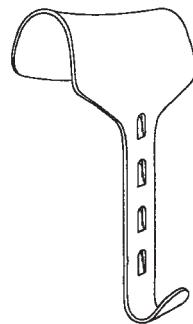
19784-50
50x65 mm



19784-60
60x85 mm



19784-78
78x65 mm



19784-80
80x90 mm

Arm System

Arm System

Sistema de brazo

Sistema braccio



19795-01

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

Arm System, radius 310/420 mm, including retractor and U-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, Klemmsockel und Endoskophalter Ø 8/10 mm.

Arm System, radius 310/420 mm, including stand, clamp, endoscope holder Ø 8/10 mm.



19798-01

Zweischlauchhalterung aus Aluminium
Double tube holder made of aluminium



19798-02

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



19798-03

Universelle Wundhakenhalterung
Universal retractor holder



19798-04

Gelenkverlängerung
180 mm lang mit Feststellung
Extended articulation
180 mm long, lockable

Arm System

Arm System

Sistema de brazo

Sistema braccio



19799-03

Leichtmetall-Klemmsocket Spannbreite 35 mm, für ein Schraubstativ mit Ø 16 mm/M10, für Schienen 25/35 x 8/10 und Rohre Ø 12 - 35 mm.
 Clamp socket made of light metal, holding width 35 mm, for screw stand Ø 16 mm/M10, for rails 25/35 x 8/10 and tubes Ø 12 - 35 mm.



19799-04

Leichtmetall-Klemmsocket Spannbreite 50 mm, für ein höhenverstellbares Stativ Ø 16 mm, für Schienen 25/35 x 8/10 und Rohre Ø 12 - 35 mm.
 Clamp socket made of light metal, holding width 50 mm, for height-adjustable stand Ø 16 mm, for rails 25/35 x 8/10 and tubes Ø 12 - 35 mm.



19799-05

Klemmsocket aus rostfreiem Stahl, für ein höhenverstellbares Stativ Ø 16 mm, elektrisch isoliert bis 4,5 kV AC, Spannbreite 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.



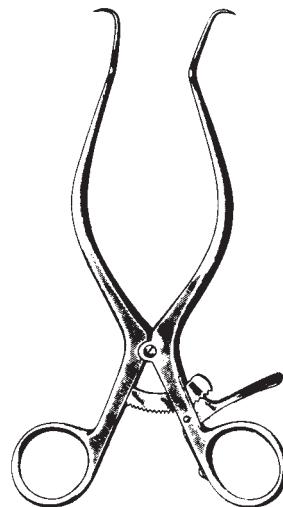
19799-06

Leichtmetall-Klemmsocket Spannbreite 50 mm, für ein Schraubstativ mit Ø 16 mm/M10, für Schienen 25/35 x 8/10 und Rohre Ø 12 - 35 mm.
 Clamp socket made of light metal, holding width 50 mm, for screw stand Ø 16 mm/M10, for rails 25/35 x 8/10 and tubes Ø 12 - 35 mm.

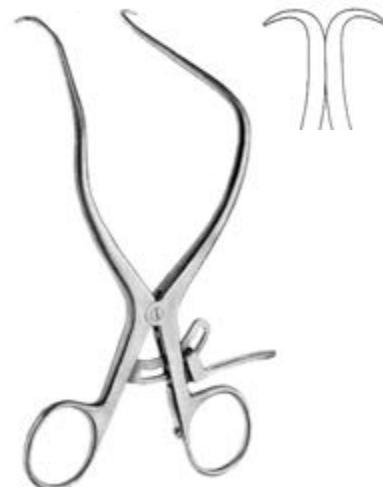
Bauchdeckenhalter, Wundsperrer
 Abdominal Retractors, Retractors
 Separadores abdominales, Separadores
 Divaricatori addominali, Divaricatori



DOYEN
 28 cm, 11"
 19800-01 48x 90 mm
 19800-02 48x105 mm
 19800-03 48x120 mm
 19800-04 48x135 mm

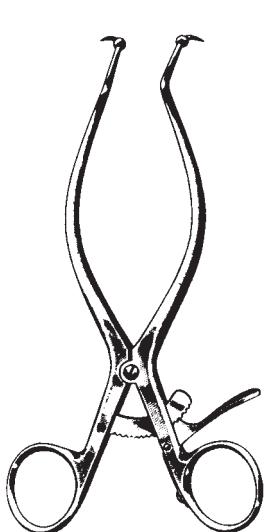


GELPI
 19802-09 9 cm, 3 1/2"
 19802-11 11 cm, 4 3/8"
 19802-14 14 cm, 5 1/2"
 19802-16 16 cm, 6 1/4"
 19802-18 18 cm, 7"



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

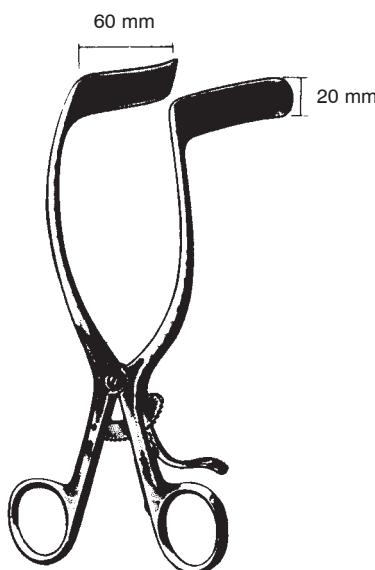
Wundsperrer
Retractors
Separadores
Divaricatori



GELPI
19804-18
18 cm, 7"



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

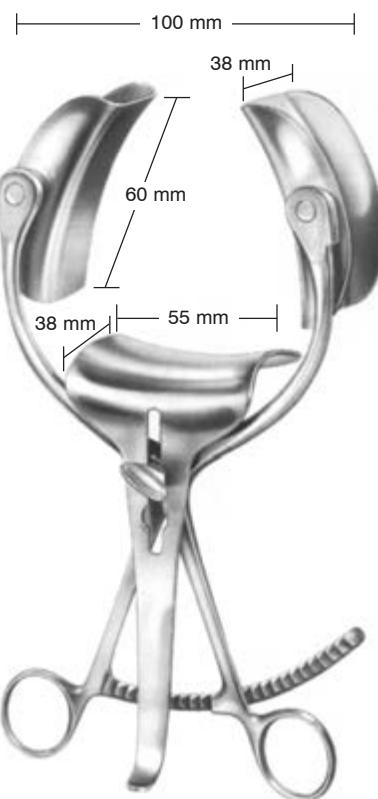


RIGBY
19806-18
18 cm, 7"

Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali

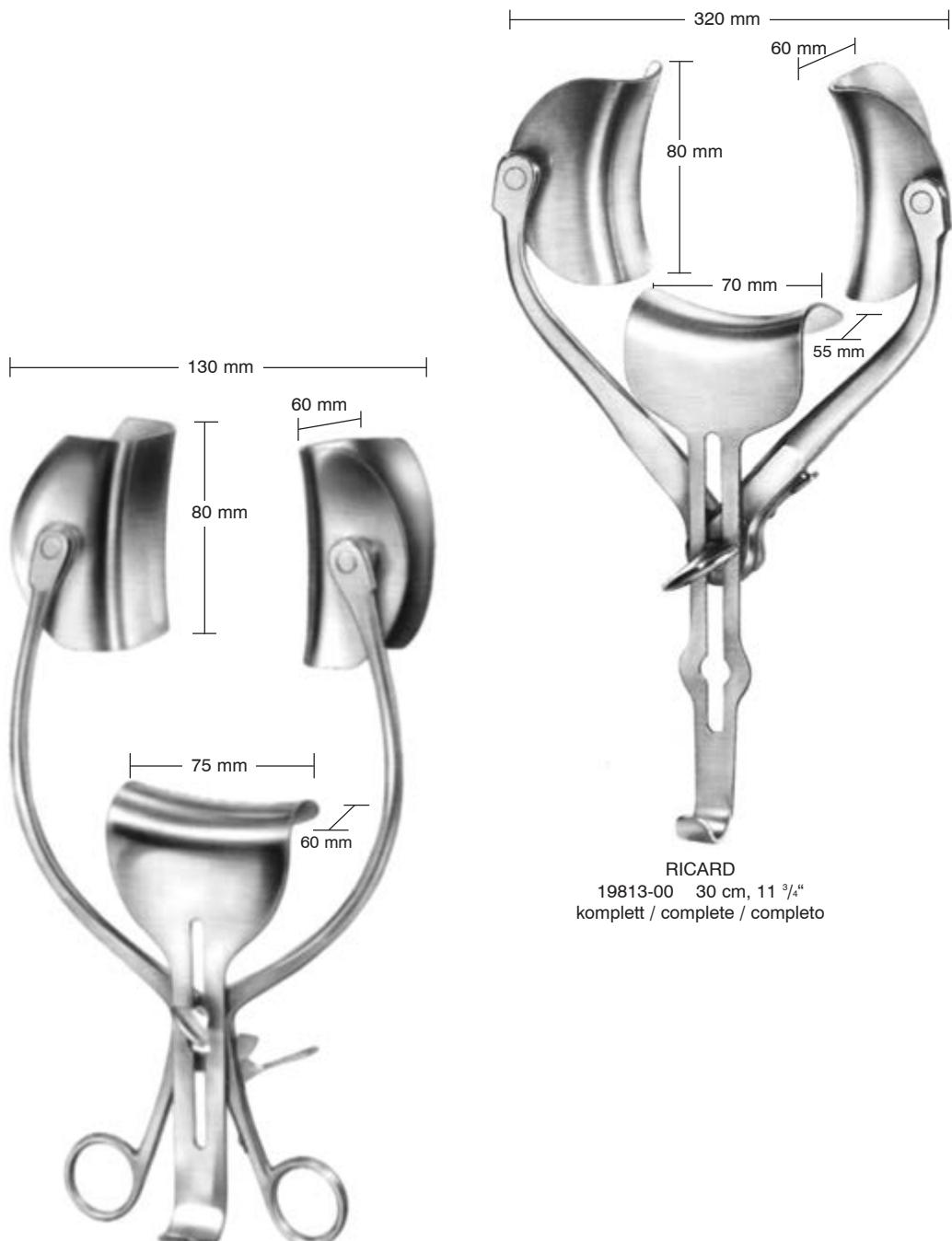


COLLIN
19810-22
komplett
complete
completo



COLLIN
19812-60
komplett
complete
completo

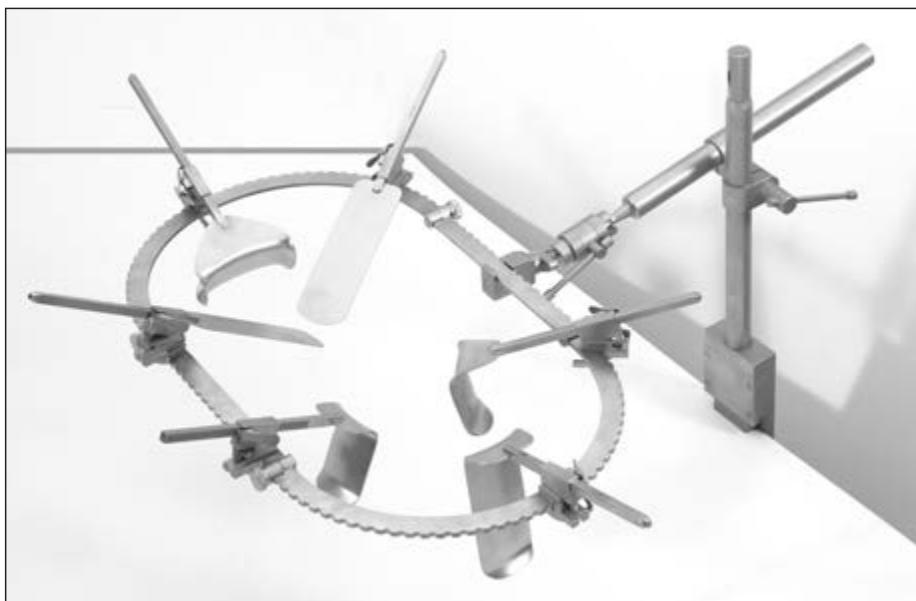
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



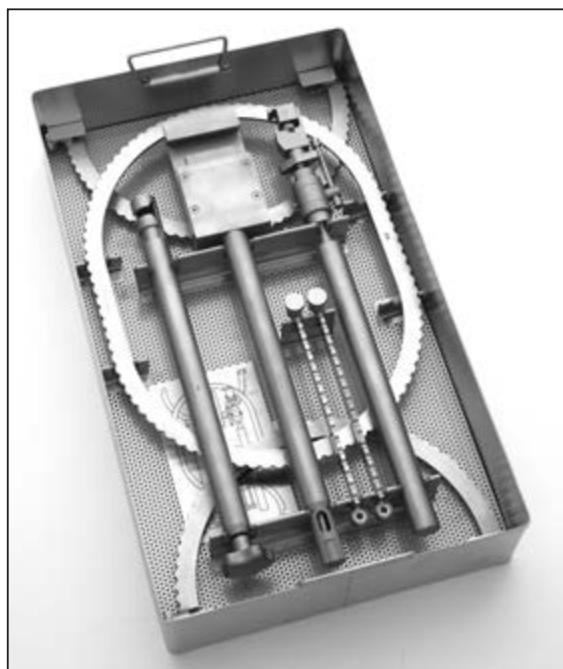
RICARD
19813-00 30 cm, 11 $\frac{3}{4}$ "
komplett / complete / completo

COLLIN Loktite
19816-00 31 cm, 12 $\frac{1}{4}$ "
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

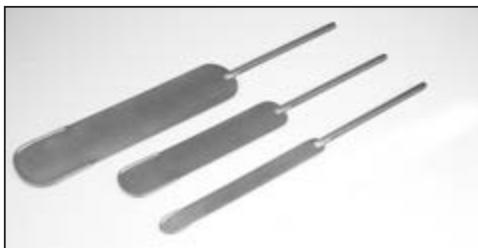
Sterilization Container & Baskets

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



Malleable Retractors with Protective Edge


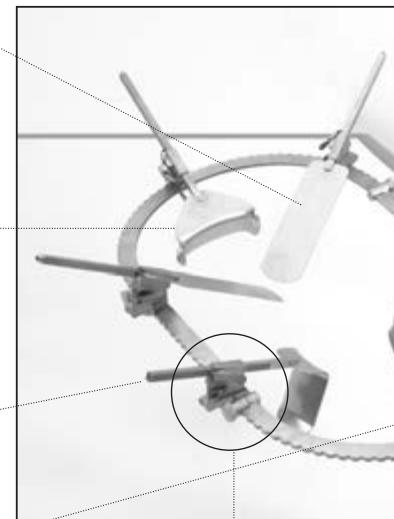
Description	Product No
1½" x 6" 38 x 152 mm	19824-06
2" x 6" 51 x 152 mm	19825-06
3" x 6" 76 x 152 mm	19826-06

Harrington Retractors

Description	Product No
Blade 2.5" x 5⅝" 63 x 143 mm	19831-25


Specialty Retractors

Description	Product No
Balfour Retractor 2⅞" x 3" 67 x 76 mm	19833-33
Gelpi Point Retractor	19834-01



Description	Product No
Blade 2" x 1½" 51 x 38 mm	19822-21
Blade 2" x 2" 51 x 51 mm	19822-22
Blade 2" x 2½" 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



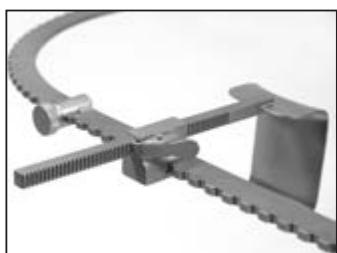
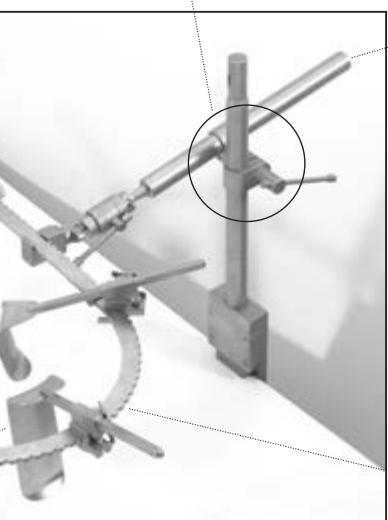
Description	Product No
Blade 1" x 1½" 25 x 38 mm	19822-01
Blade 1" x 2½" 25 x 63 mm	19822-02

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 1" Post Coupler **Product No** 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
Horizontal Bar	19821-02
Horizontal Flex Bar	19821-03



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 (Consists of one 10.5 inch Round Ring and two 8 inch straight segments)	19820-03

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



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

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

Wundhaken für plastische Chirurgie
 Retractors for plastic surgery
 Separadores para cirugía plástica
 Divaricatore per chirurgia plastica



BREAST
 19970-01
 31 cm, 12 1/4"



CORONAL
 19980-18
 18 cm, 7"



YANCOVSKIE
 19990-18
 18 cm, 7"

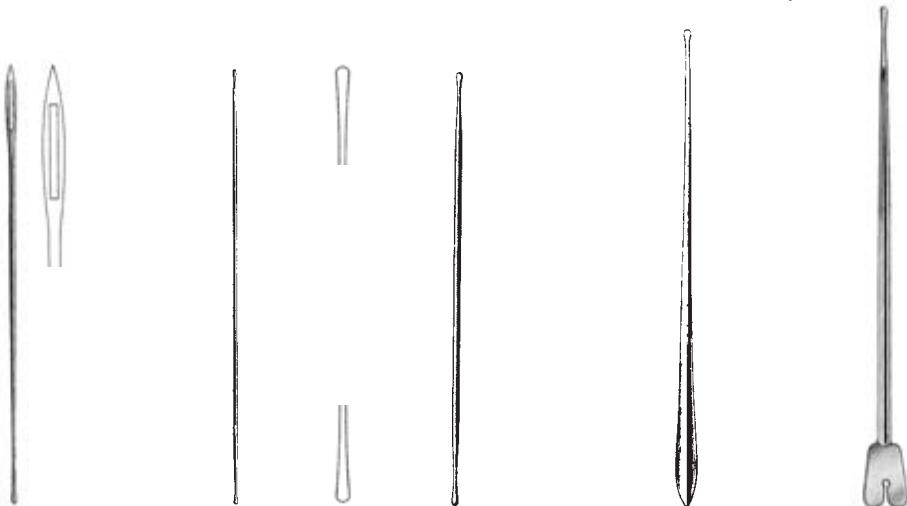


FREEMAN
 19995-38 18 cm, 7"
 38 mm, 1 1/2" wide
 19995-22 18 cm, 7"
 22 mm, 7/8" wide



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

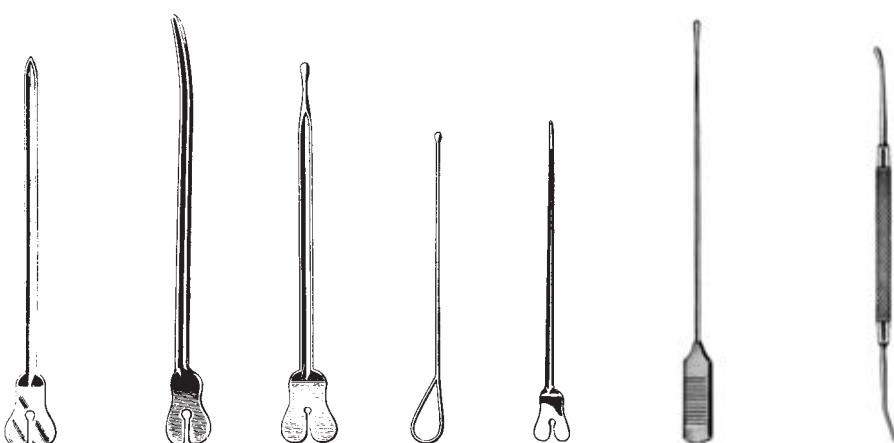
21104-11
21104-13
21104-14
21104-16
21104-18
21104-20
21104-25

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 $\frac{1}{8}$ "	21110-13
14,5 cm, 5 $\frac{3}{4}$ "	21110-14
16,0 cm, 6 $\frac{1}{4}$ "	21110-16
18,0 cm, 7"	21110-18
20,0 cm. 8"	21110-20

DOYEN
21111-14

21112-14
14,5 cm

STACKED
21115-10
12-5

NELATON
21120-16

FISH
21121-14
14 cm, 5 1/2'
21121-18
18 cm, 7"

WATSON-CHEYNE
21122-13
13 cm, 5 $\frac{1}{8}$ "
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"

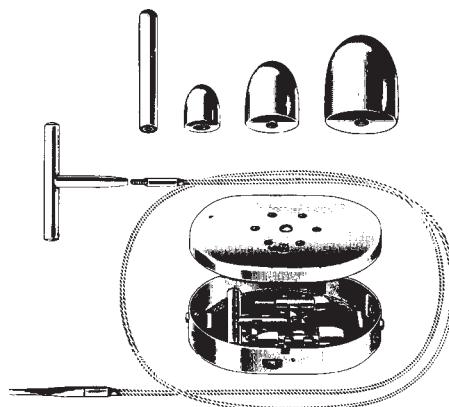


LOCKHART-MUMMERY
21125-03
16,5 cm, 6 1/2"



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.

				Oliven Olives Olivas Olivas
21150-02	21150-80			
Sondenspitze Probe Tip Puntas sueltas Punte	Handgriff Handle only Mango suelto Manico solo			
21150-90			21150-09 9 mm ø	
Zugseil cable flexible cable de traccion flex. Corda di trazione fless.				
			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 |————— 55 cm, 22" —————|
— |————— 21160-14 —————|



21160-04
4 mm ø



21160-06
6 mm ø



21160-07
7 mm ø



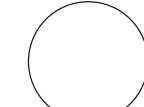
21160-08
8 mm ø



21160-10
10 mm ø

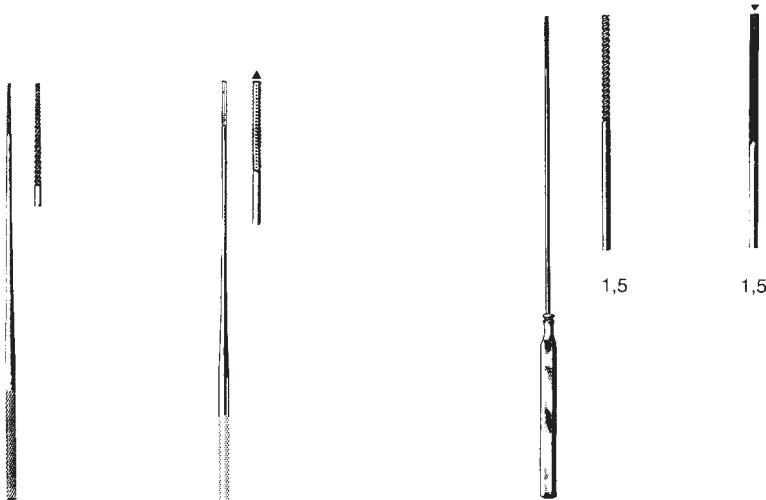


21160-12
12 mm ø



21160-14
14 mm ø

Watteträger, Spatel
 Cotton Applicators, Spatulas
 Porta-algodones, Espátulas
 Portacotone, Spatole



	FARRELL	FARRELL	REDA	REDA
4 3/4"	21270-12 12,0 cm	21272-12 12,0 cm	4 3/4"	21290-12 12,0 cm
5 1/2"	21270-14 14,0 cm	21272-14 14,0 cm	5 1/2"	21290-14 14,0 cm
6 1/2"	21270-16 16,5 cm	21272-16 16,5 cm	6 1/4"	21290-16 16,0 cm
7"	21270-18 18,0 cm	21272-18 18,0 cm	7"	21290-18 18,0 cm
9"	21270-23 23,0 cm	21272-23 23,0 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"

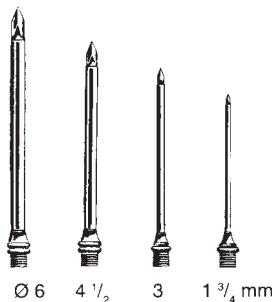


TOBOLD
 21331-25
 25 cm, 10"



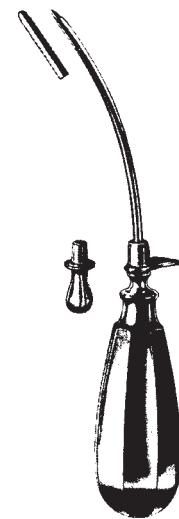
21340-45
 45 cm, 17 3/4"

Trokare
Trocars
Trócares
Trequarti



STANDARD (NELSON)

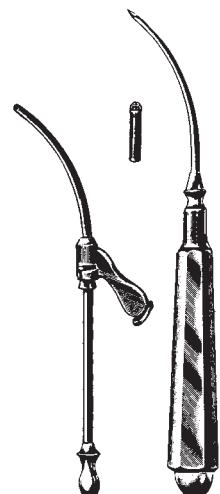
23110-30	3,0 mm Ø
23110-35	3,5 mm Ø
23110-40	4,0 mm Ø
23110-45	4,5 mm Ø
23110-50	5,0 mm Ø
23110-55	5,5 mm Ø
23110-60	6,0 mm Ø



DOUGLAS
23125-11 3 mm Ø

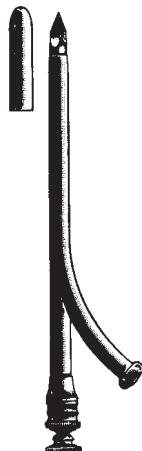


LICHTWITZ
23128-19 1,75 mm Ø



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

Pneumoperitoneum
Pneumoperitoneum
Neumoperitoneo
Pneumoperitoneo

Nadelführer
Pudendus
Anesthesia
anestesia



IOWA
23210-00
14 cm, 5 1/2"
compl.



VERRES
23250-20 2,00x100 mm
23250-40 2,00x140 mm



MENGHINI

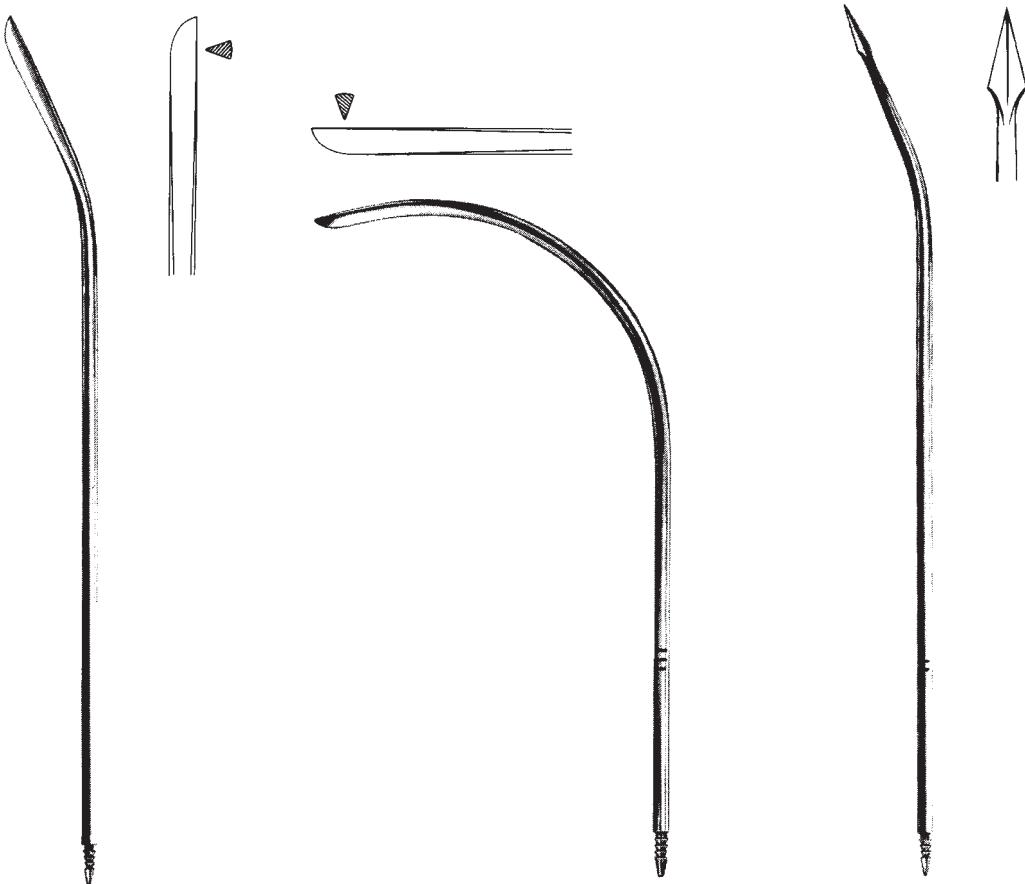
23302-01 1,0x 35 mm
23302-02 1,0x 70 mm
23302-03 1,2x 70 mm
23302-04 1,2x100 mm
23302-05 1,4x 70 mm
23302-06 1,4x100 mm
23302-07 1,6x 70 mm
23302-08 1,8x100 mm



MENGHINI

23310-14 1,4x168 mm
23310-18 1,8x168 mm

Führungsadeln
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 ¾"
25114-12 TC 12 cm, 4 ¾"



DERF
25120-12 12,5 cm, 5"



COLLIER
25122-12 12,5 cm, 5"



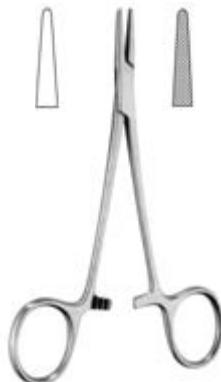
WEBSTER
25128-13 13 cm, 5 ¼"
25129-13 TC 13 cm, 5 ¼"

glatt
smooth
lisa
liscia

BABY-WEBSTER

25136-11 11 cm, 4 ⅝"
25137-11 TC 11 cm, 4 ⅝"

25138-11 TC 11 cm, 4 ⅝"
gerieft/serrated
estriada/zigrinato



HALSEY
25130-13 25140-13
25134-13 TC 25144-13 TC
13 cm, 5 ⅛"



NEIVERT
25146-13 25148-13 TC
13 cm, 5 ⅛"



BAUMGARTNER
25150-12 25154-12 TC
12,5 cm, 5"
25150-14 25154-14 TC
14,0 cm, 5 ½"

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 BAKEY

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 $\frac{1}{4}$ "

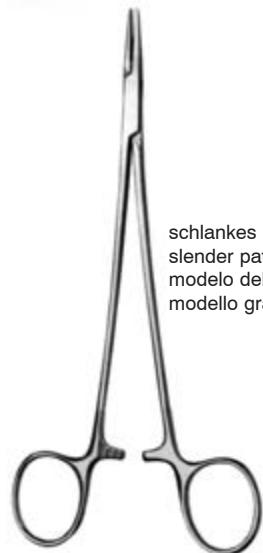


RYDER 1 mm

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	13 cm, 5 $\frac{1}{8}$ "
25225-15 TC	15 cm, 6"
25225-18 TC	18 cm, 7"
25225-20 TC	20 cm, 8"
25225-23 TC	23 cm, 9"
25225-26 TC	26 cm, 10 $\frac{1}{4}$ "



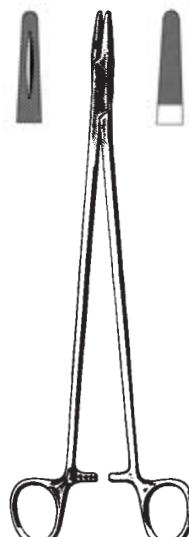
MICROVASCULAR

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

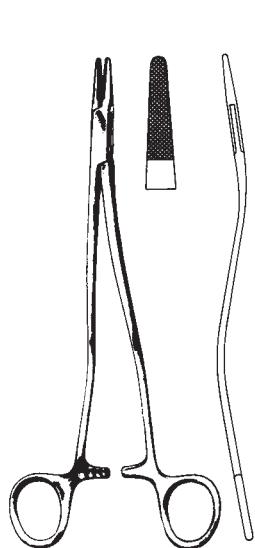
25250-27	27 cm, 10 $\frac{1}{2}$ "
25254-27 TC	27 cm, 10 $\frac{1}{2}$ "



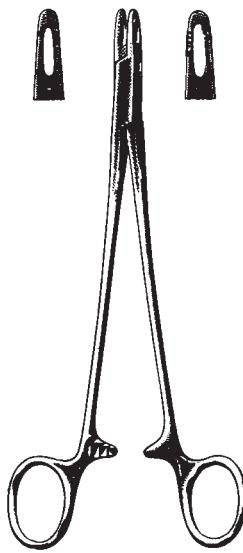
WANGENSTEEN

25260-27	27 cm, 10 $\frac{1}{2}$ "
25264-27 TC	27 cm, 10 $\frac{1}{2}$ "

Nadelhalter
Needle Holders
Porta-agujas
Port'aghi



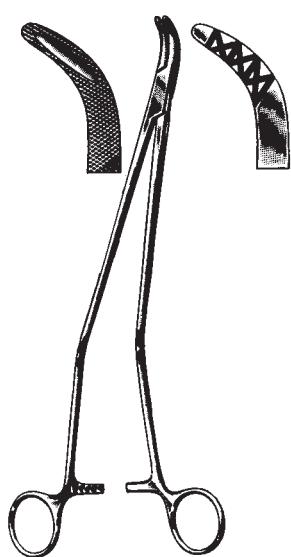
BOZEMANN
 25285-20 TC 20 cm, 8"
 25285-24 TC 24 cm, 9 1/2"
 25285-26 TC 26 cm, 10 1/4"



METZENBAUM
 25290-18
 18 cm, 7"



ADSON
 25292-18
 18 cm, 7"



JOHNSON
 25293-27
 27 cm, 10 1/2"

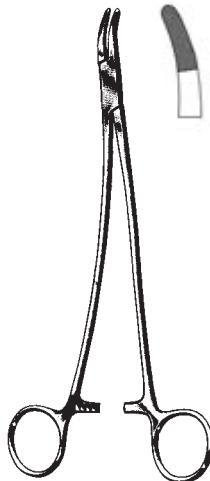


FINOCHIETTO
 25311-20 20 cm, 8"
 25311-27 27 cm, 10 1/2"
 25315-20 TC
 25315-27 TC

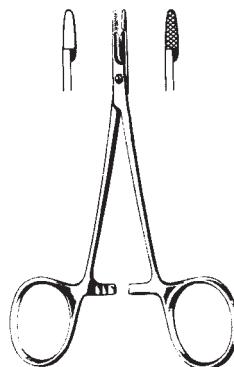


SAROT
 25324-18 TC 18 cm, 7"
 25324-26 TC 26 cm, 10 1/4"

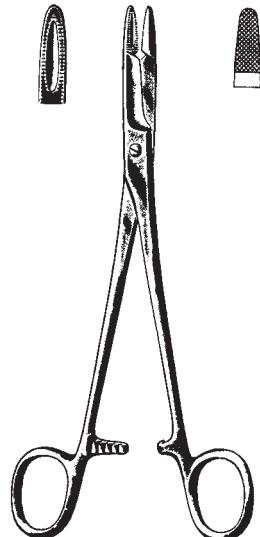
Nadelhalter
Needle Holders
Porta-agujas
Port'aghi



STRATTE
25330-21 21 cm, 8 1/4"
25330-23 23 cm, 9" **25334-23 TC**



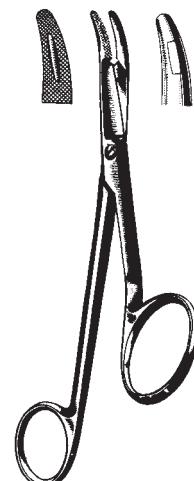
BABY-OLSEN-HEGAR
25405-12 25406-12
25408-12 TC 25407-12 TC
11,5 cm, 4 1/2"



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"

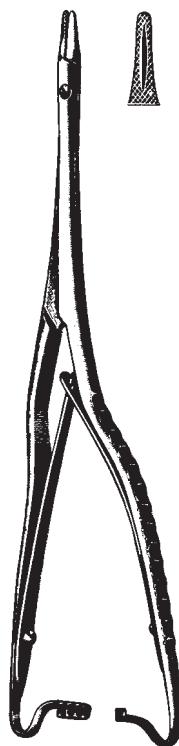


GILLIES
11 cm, 4 3/8" **25434-11 TC**
13 cm, 5 1/8" **25434-13 TC**
25430-16 16 cm, 6 1/4" **25434-16 TC**



KILNER
25436-13 13 cm, 5 1/8"
25438-13 TC 13 cm, 5 1/8"

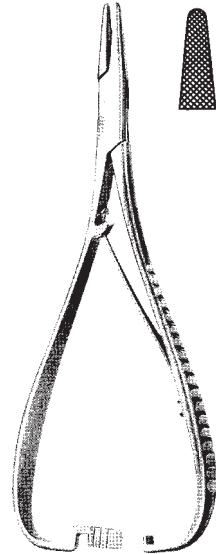
Nadelhalter
Needle Holders
Porta-agujas
Port'aghi



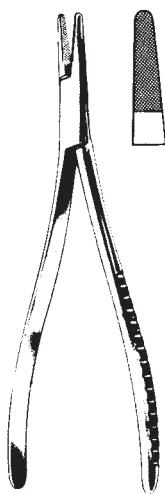
HOESSEL
25446-25 25 cm, 10"
25447-25 TC 25 cm, 10"



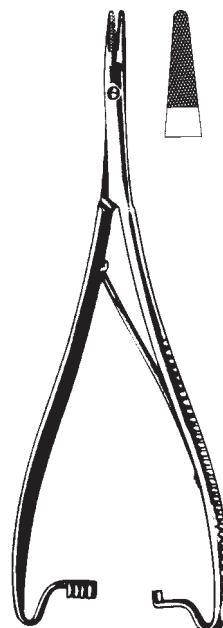
CRILE
25438-15 15 cm, 6"



25450-14	14 cm, 5 1/2"	25452-14 TC
25450-17	17 cm, 6 3/4"	25452-17 TC
25450-20	20 cm, 8"	25452-20 TC
25450-24	24 cm, 9 1/4"	25452-24 TC



LANGENBECK
25460-18 TC 18 cm, 7"
25460-20 TC 20 cm, 8"
25460-23 TC 23 cm, 9"



HOESSEL
25465-20 TC 20 cm, 8"
25465-25 TC 25 cm, 10"



LICHTENBERG
25466-17 17 cm, 6 3/4"
25466-20 20 cm, 8"
25467-17 TC
25467-20 TC

Nadelhalter
Needle Holders
Porta-agujas
Port'aghi

Oftalmologie
Ophthalmology
Oftalmología
Oftalmologia



STEVENS
25610-11
11 cm, 4 3/8"



STEVENS
25612-13 13 cm, 5 1/8"
25612-15 15 cm, 6"



BOYNTON
25614-12
12 cm, 4 3/4"



BOYNTON
25615-12 TC
12 cm, 4 3/4"



ARRUGA
25620-16 - 25624-16
16 cm, 6 1/4"



25620-16



25621-16

25624-16 TC 25625-16 TC



KALT-ARRUGA
25627-14
14 cm, 5 1/2"



KALT
25628-14
14 cm, 5 1/2"

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
liscia25672-14
gerieft
serrated
estriada
zigrinato**25676-14 TC**25671-14
glatt
smooth
lisa
liscia25673-14
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

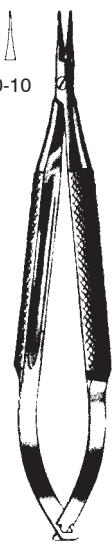


CASTROVIEJO-STANDARD
25678-14 14 cm, 5 1/2"



CASTROVIEJO-STANDARD
25679-14 14 cm, 5 1/2"

25650-10 0 25651-10



BARRAQUER
10 cm, 4"

25656-10 25657-10



BARRAQUER-TROUTMAN
10 cm, 4"

Mikro-Nadelhalter
Micro-Needle Holders
Micro-Porta-agujas
Micro-Port'aghi

25660-13



25661-13



25720-14

25722-14 TC



25721-14

25723-14 TC

BARRAQUER
13 cm, 5 1/8"

BARRAQUER
14 cm, 5 1/2"

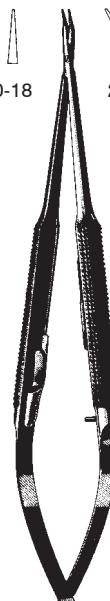
25700-18



25701-18



25730-18



25731-18

BARRAQUER
18 cm, 7"

BARRAQUER
18 cm, 7"

Unterbindungsnadeln
Ligature Needles
Agujas para ligaduras
Aghi per legature



biegsam
malleable
maleable
malleabile



spitz
sharp
aguda
acuto



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

27109-20
20 cm, 8"

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

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

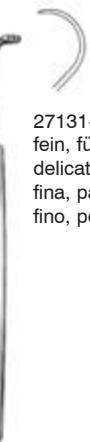
Unterbindungsadeln
Ligature Needles
Agujas para ligaduras
Aghi per legature



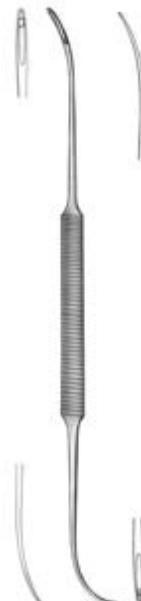
27130-13
fein, für die rechte Hand
delicate, for right hand
fina, para la mano derecha
fino, per la mano destra



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 - malleable



27133-24
für die rechte Hand
for right hand
para la mano derecha
per la mano destra

stumpf
blunt
roma
smusso



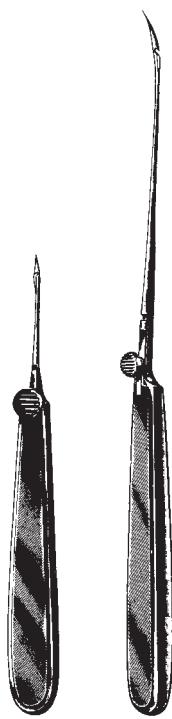
27135-24
für die linke Hand
for left hand
para la mano izquierda
per la mano sinistra

NELSON
24,5 cm, 9 3/4"



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 1/2"
 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. 1
 27240-01



Fig. 2
 27240-02



YOUNG BOOMERANG
 27240-00
 25 cm, 10"



Fig. 3
 27240-03



Fig. 3

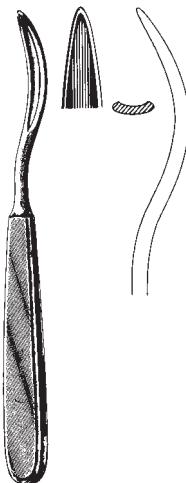
27203-15 15 cm, 6"
 27203-19 19 cm, 7 1/2"
 27203-21 21 cm, 8 1/4"



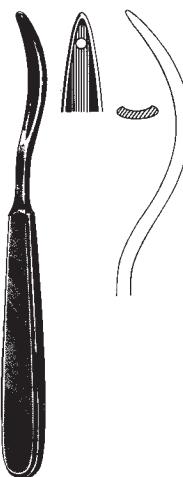
Fig. 4

27204-15 15 cm, 6"
 27204-19 19 cm, 7 1/2"
 27204-21 21 cm, 8 1/4"

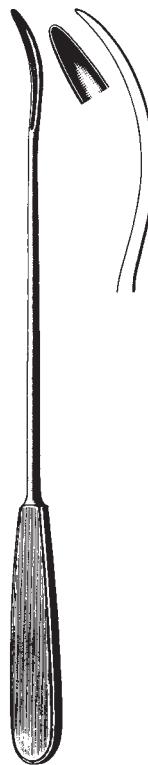
Führungsbohrsonden
Ligature Conductors
Sondas conductoras
Sonde conduttrici



SCHMIEDEN
27271-19 19 cm, 7 1/2"



SCHMIEDEN-PAYR
27273-19 19 cm, 7 1/2"

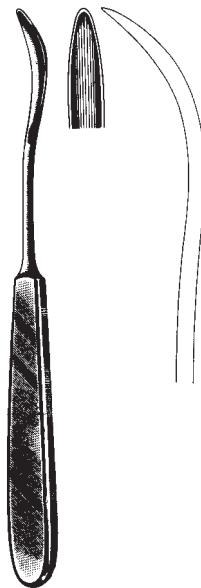


BRUNNER
27275-30 30 cm, 11 3/4"



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"



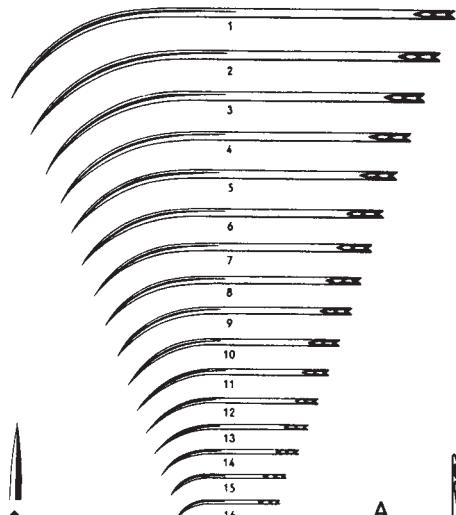
VIENNA
 27297-23
 23,5 cm, 9 1/4"



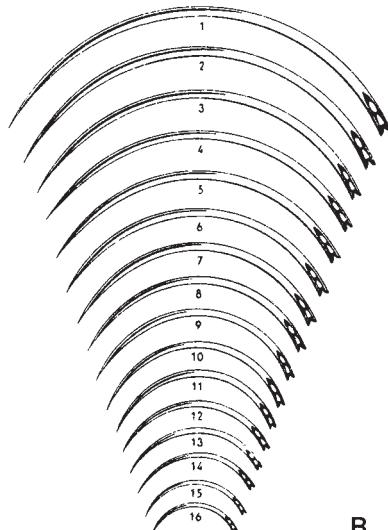
REDA
 27298-23
 23 cm, 9"

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



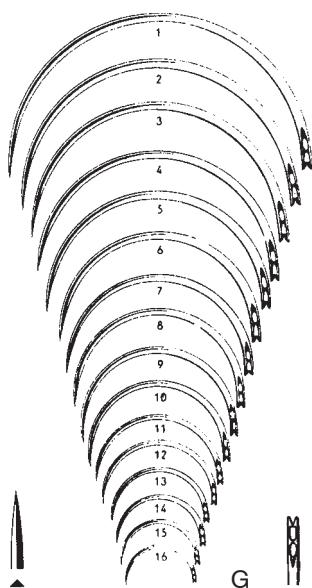
27403-01 - 27403-16



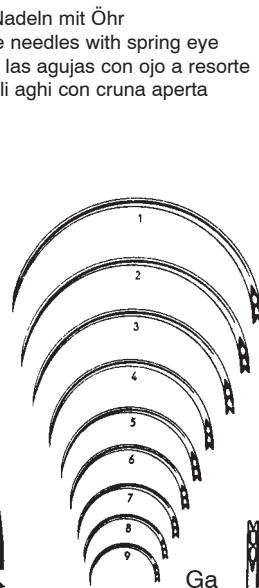
27413-01 - 27413-16

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
Gr	27433-01	27433-02	27433-03	27433-04	27433-05	27433-06	27433-07	27433-08	27433-09	27433-10	27433-11					
Ga	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

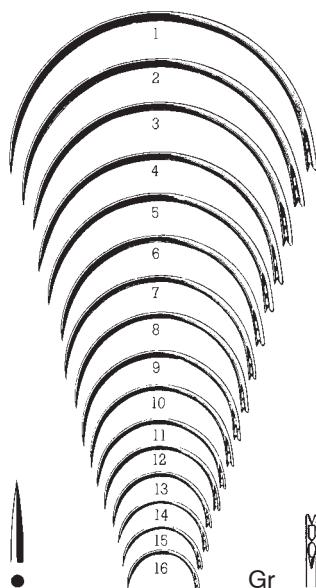
Alle Nadeln mit Öhr
all the needles with spring eye
todas las agujas con ojo a resorte
tutti gli aghi con cruna aperta



27423-01 - 27423-16

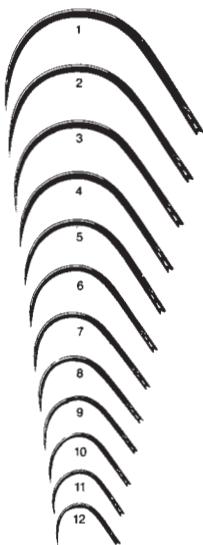


27433-01 - 27433-09

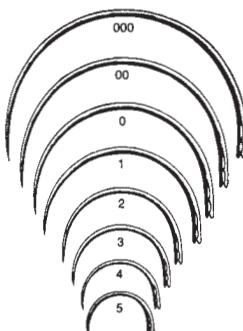


27434-01 - 27434-16

Alle Nadeln mit Öhr
all the needles with spring eye
todas las agujas con ojo a resorte
tutti gli aghi con cruna aperta

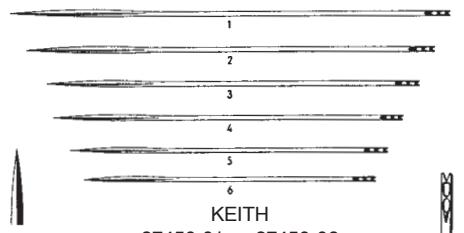
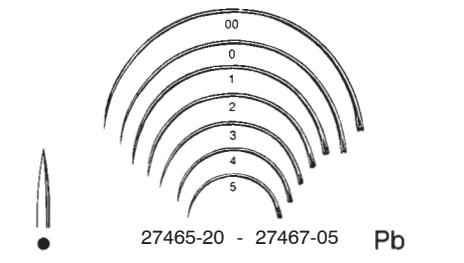


27441-01 - 27441-12

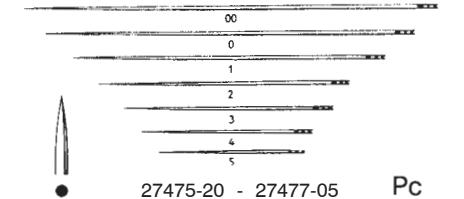


27443-30 - 27443-05

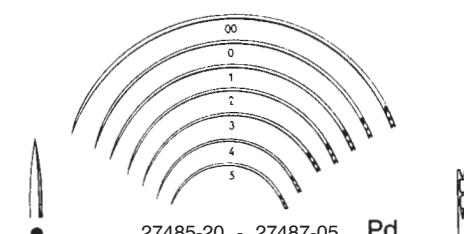
Chirurgische Nadeln
Suturing Needles
Agujas para suturas
Aghi per suture

KEITH
27450-01 - 27450-06KEITH
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															
E	27443-30	27443-20	27443-10	27443-01	27443-02	27443-03	27443-04	27443-05	27443-06	27441-07	27441-08	27441-09	27441-10	27441-11	27441-12
KEITH															
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



CHILDE
27620-18
18 cm, 7"



MICHEL
27630-12
12 cm, 4 3/4"



MICHEL
27610-12
12 cm, 4 3/4"



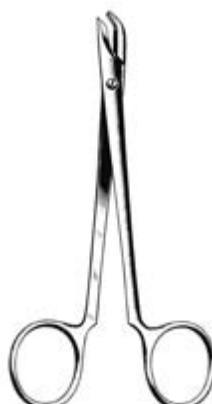
WACHENFELDT
27612-12
12,5 cm, 5"



WACHENFELDT
27614-12
12,5 cm, 5"



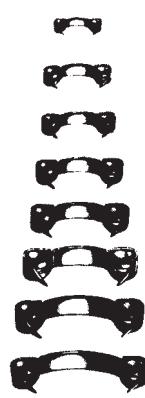
HEGENBARTH
27616-12
12,5 cm, 5"



MICHEL
27630-12
12 cm, 4 3/4"

COLLIN
27640-13
13 cm, 5 1/8"

RICHTER-HEATH
27642-14
14 cm, 5 1/2"



MICHEL

- MICHEL mm
27660-07 7,5x1,75
- 27660-11 11x2
- 27660-12 12x2,5
- 27660-14 14x3
- 27660-16 16x3
- 27660-18 18x3
- 27660-20 20x3
- 27660-22 22x3

Pack à 1000
box of 1000
paq x 1000
confezione x 1000

Nahtbesteck
 Suture Set
 Estuche para suturas
 Set per sutura



STANDARD
 27680-00
 165 x 90 x 28 mm

Komplett in Metalletui und Plastiktasche mit 2 herausnehmbaren gelochten Einlagen mit Stegen für Instrumente

Bestehend aus:

- 1 Mathieu Nadelhalter 14 cm (5½")
- 1 Nähseide in Alkohol
- 6 Nähnadeln sortiert
- 1 Nadeldose gelocht 65 x 42 cm
- 1 Michel Wundklammerzange
- 20 Wundklammern auf Halter
- 1 Skalpellgriff mit Klinge
- 3 Klingen auswechselbar
- 1 Schere st/sp. 13 cm (5") gerade
- 1 anat. Pinzette 11,5 cm (4½")
- 1 Hakenpinzette 1 x 2 Z. 12 cm (4³/₄")
- 1 Hunter Splitterpinzette 10,5 cm (4¹/₄")
- 1 Kocher Arterienklemme 13 cm (5")
- 1 Myrtenblattsonde 13 cm (5")

Complete in metal case with plastic pouch and 2 removable perforated trays for instruments

Contents:

- 1 Mathieu Needle Holder, 14 cm (5½")
- 1 Flacon with sterilized silk in alcohol
- 6 Suture Needles, assorted
- 1 Needle Case, 25.6" x 16.5", perforated
- 1 Michel Suture Clip Forceps
- 20 Michel Suture Clips with Clip Holder
- 1 Scalpel Handle with Blade
- 3 Scalpel Blades, interchangeable
- 1 Scissors, straight, blunt/sharp, 13 cm (5")
- 1 Dressing Forceps, 11,5 cm (4½")
- 1 Tissue Forceps, 12 cm (4³/₄"), 1 x 2 teeth
- 1 Hunter Splinter Forceps, 10,5 cm (4¹/₄")
- 1 Kocher Artery Forceps, straight, 13 cm (5"), S
- 1 Probe with myrtle leaf, 13 cm (5")

Completo en caja de metal con bolsa de plástico y 2 bandejas perforadas para los instrumentos

Contenido:

- 1 Porta-aguja de Mathieu, 14 cm (5½")
- 1 Frasco con seda esterilizada para sutura, en alcohol
- 6 Agujas de sutura surtidas
- 1 Cajita para agujas, 65 x 42 mm, perforada
- 1 Pinza para agrafes de Michel
- 20 Agrafes de Michel, en su porta-agrafes
- 1 Mango de bisturi, con hoja intercambiable
- 3 Hojas intercambiables surtidas
- 1 Tijera, recta, roma/aguda, 13 cm (5")
- 1 Pinza de disección, 11,5 cm (4½")
- 1 Pinza de disección, con 1 x 2 dientes, 12 cm (4³/₄")
- 1 Pinza para espinas de Hunter, 10,5 cm (4¹/₄")
- 1 Pinza hemostática de Kocher, 13 cm (5"), S.
- 1 Estilete abotonado, multiforme, 13 cm (5")

Astuccio tascabile con due supporti estraibili

Contenente:

- 1 Port aghi di Mathieu 14 cm (5½")
- 1 Set per suture in flacone di vetro
- 6 aghi per sutura assortiti
- 1 scatola per aghi 65 x 24 perforata
- 1 pinza per sutura di Michel
- 20 Agrafe Michel ed porta agrafe
- 1 Manico da bisturi per lama intercambiabile
- 3 lame da bisturi intercambiabili
- 1 forbici rette alterne 13 cm (5")
- 1 pinze da dissezione
- 1 pinze da dissezione 1 x 2 denti
- 1 pinze di Hunter per schegge 10,5 cm (4¹/₄")
- 1 pinze emostatiche di Kocher 13 cm (5")
- 1 specillo bottonato 13 cm (5")

Sterilisierzangen, Abfallzange, Sterilisierklammern
 Sterilization Instruments, Waste Forceps, Safety pins
 Instrumentos para la esterilización, Pinza para desechos, Cadres de estérilizacion,
 Pinze per la sterilizzazione, Pinza per rifiuti, Spilloni p. sterilizzazione

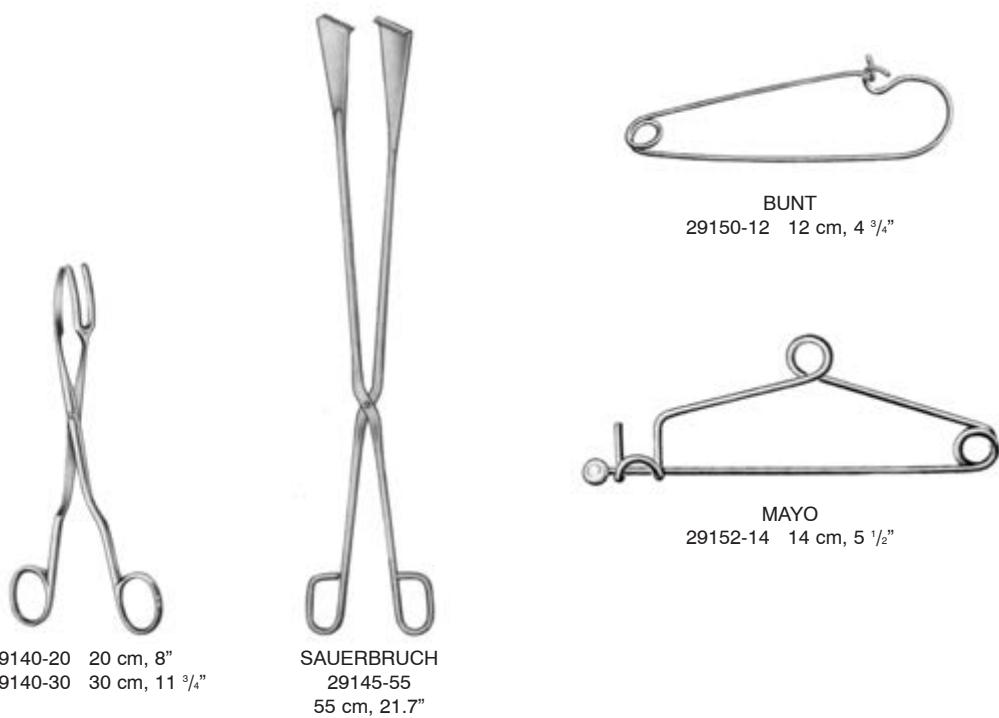


DAVIS
 29102-16 16 cm, 6 $\frac{1}{4}$ "
 29102-20 20 cm, 8"
 29102-24 24 cm, 9 $\frac{1}{2}$ "

CHEATLE
 29110-27
 27 cm, 10 $\frac{1}{2}$ "

UNIVERSAL
 29120-20 20 cm, 8"
 29120-28 28 cm, 11"

ROGGE
 29130-23
 23 cm, 9"

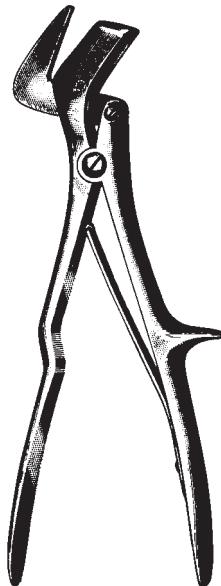


29140-20 20 cm, 8"
 29140-30 30 cm, 11 $\frac{3}{4}$ "

SAUERBRUCH
 29145-55
 55 cm, 21.7"

MAYO
 29152-14 14 cm, 5 $\frac{1}{2}$ "

Gipsscheren
Plaster of Paris Shears
Cizallas para vendajes enyesados
Cesoie per gessi



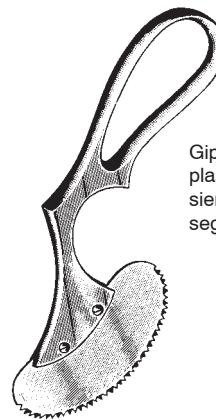
STILLE
31101-24 24 cm, 9 1/2"



STILLE
31103-23 23 cm, 9"
31103-26 26 cm, 10 1/4"
31103-37 37 cm, 14 1/2"



WIGMORE
31120-19 19 cm, 7 1/2"



ENGEL
31130-14 16 cm, 6 1/4"
verchromt, chrome plated

Autopsiesäge
Autopsy saw
Sierra para autopsia
Sega per autopsia

Gerauschpegel: 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 minuto

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:

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 rellenada con grasa, siringa colmata con grassa

1x 31212-02 Paar Gabelschlüssel, pair flat wrench, pareja llave de boca, paio chiave a bocca, 11mm

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, allen 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 rellenada 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 minuto

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 rellenada con grasa, siringa colmata con grassa

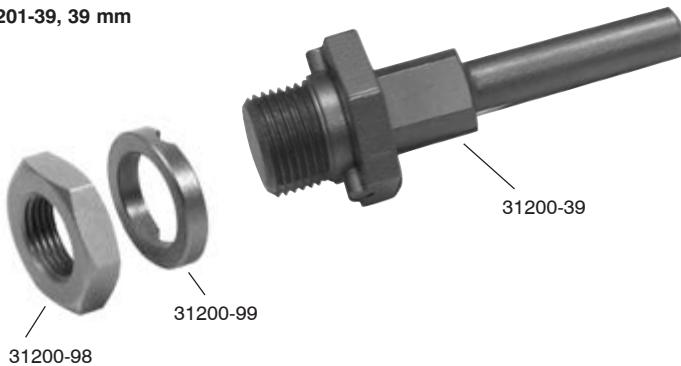
1x 31202-14 Paar Gabelschlüssel, pair flat wrench, pareja llave de boca, paio chiave a bocca, 14mm

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

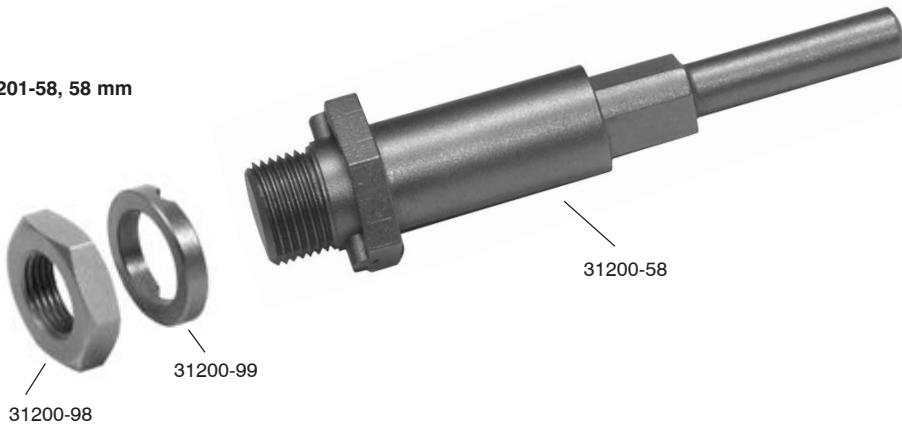
31210-45	Ø 45mm	Sägeblatt, saw blade, hoja de repuesto, lama per sega
31210-50	Ø 50mm	Sägeblatt, saw blade, hoja de repuesto, lama per sega
31210-65	Ø 65mm	Sägeblatt, saw blade, hoja de repuesto, lama per sega
31204-01	Ø 50/65mm	Segment-Sägeblatt, segment saw blade, hoja de repuesto para segmento, lama per sega a segmento
31204-03	Ø 65/65mm	Segment-Sägeblatt, segment saw blade, hoja de repuesto para segmento, lama per sega a segmento
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, allen 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 rellenada con grasa, siringa colmata con grassa
31202-14		1 Paar Gabelschlüssel, pair flat wrench, pareja llave de boca, paio chiave a bocca, 14mm

Zubehör zur Autopsiesäge
Accessories for Autopsy saw
Accesorio para la sierra de autopsia
Accessori per sega per autopsia

31201-39, 39 mm



31201-58, 58 mm



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

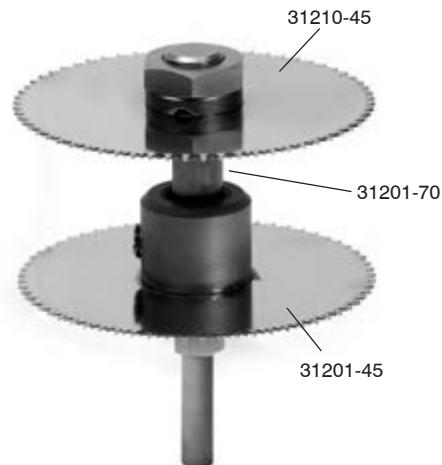


Set 31210-10: 31201-39 + 31210-65 + 31203-50

Set 31210-00: 31201-58 + 31210-65 + 31203-50

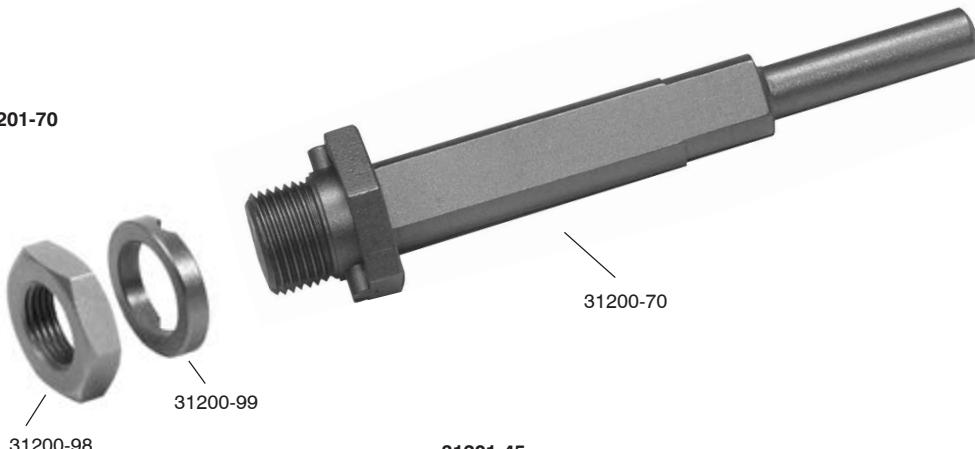
Zubehör zur Autopsiesäge
Accessories for Autopsy saw
Accesorio para la sierra de autopsia
Accessori per sega per autopsia

Set 31202-00

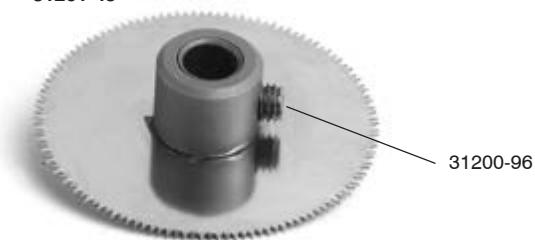


Set 31202-00: 31201-70 + 31210-45 + 31201-45

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 adjustable 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 adjustable 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 minuto

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 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

synthetische Hartverbände / synthetic bandage / vendajes sinteticos / 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 segmento

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 sinteticos / 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 sinteticos / Bandaggio in gesso e bandaggio sintetico

31203-50 Begrenzungsscheibe, limiting disc, disco de tope, disco eccentrico

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)

10000-19000 Schwingungen pro Minute
 10000-19000 oscillations per minute
 10000-19000 oscilaciones por minuto
 10000-19000 oscillazioni al minuto

EN 60601-1, EN 60601-1-2, IEC 60601-1, IEC 60601-1-2



Blue Power

31220-21 120 Volt, 210 Watt, 1,25 kg

31220-22 230 Volt, 210 Watt, 1,25 kg

31220-21 + 31220-22 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 31220-22 und 31220-21 siehe Seite 231/2

Accessories for oscillating plaster saw 31220-22 and 31220-21 please see page 231/2

Accesorios p. sierra oscilante p. vendajes enyesados 31220-22 y 31220-21 vea la página 231/2

Accessorio per sega oscillante per gessi 31220-22 e 31220-21 vedi pagina 231/2

31212-02	1 Paar Gabelschlüssel, pair flat wrench, pareja llave de boca, paio chiave a bocca, 11mm
31210-30	Koffer, case, maleta, valigia
31220-99	Filtervlies, woven filter, filtro de vellón, filtro vello 10 Stück, 10 pieces, 10 piezas, 10 pezzi

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 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

synthetische Hartverbände / synthetic bandage / vendajes sinteticos / 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 segmento
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

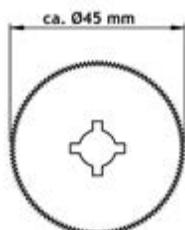
PTFE synthetische Hartverbände / PTFE synthetic bandage / PTFE vendajes sinteticos / PTFE bandaggio sintetico

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

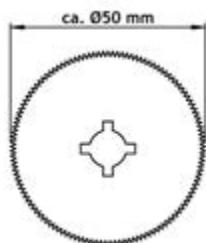
Naturgipsverbände und synthetische Hartverbände / Bandage and synthetic bandage / Vendajes enyesados y vendajes sinteticos / Bandaggio in gesso e bandaggio sintetico

31203-50	Begrenzungsscheibe, limiting disc, disco de tope, disco eccentrico
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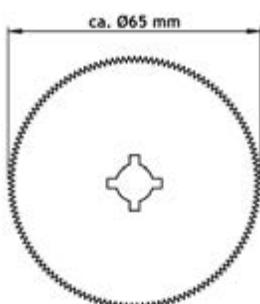
Sägeblätter
Saw blades
Hojas de repuesto
Lame per sega



31210-45
31211-45

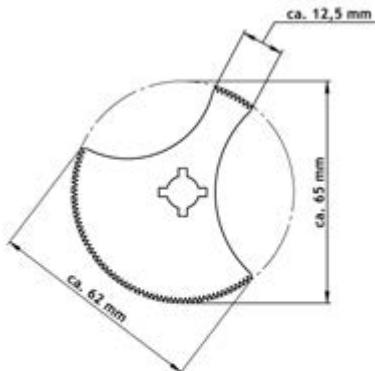


31210-50
31211-50
31212-50

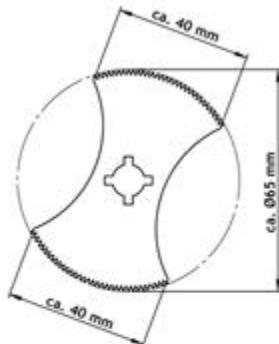
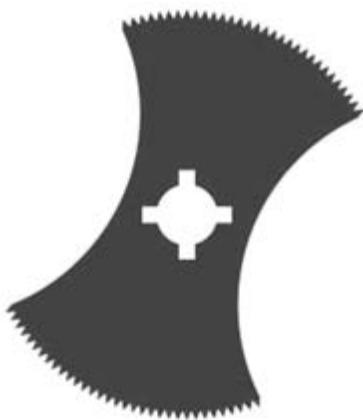


31210-65
31211-65
31212-65

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



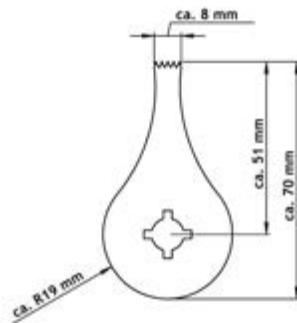
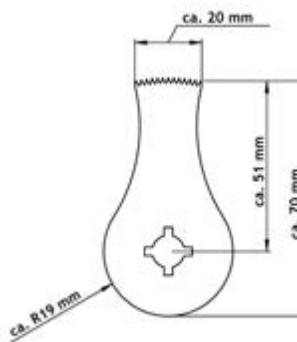
31204-03 Ø 65/65mm
31204-04 Ø 65/65mm

Tiefen-Sägeblätter

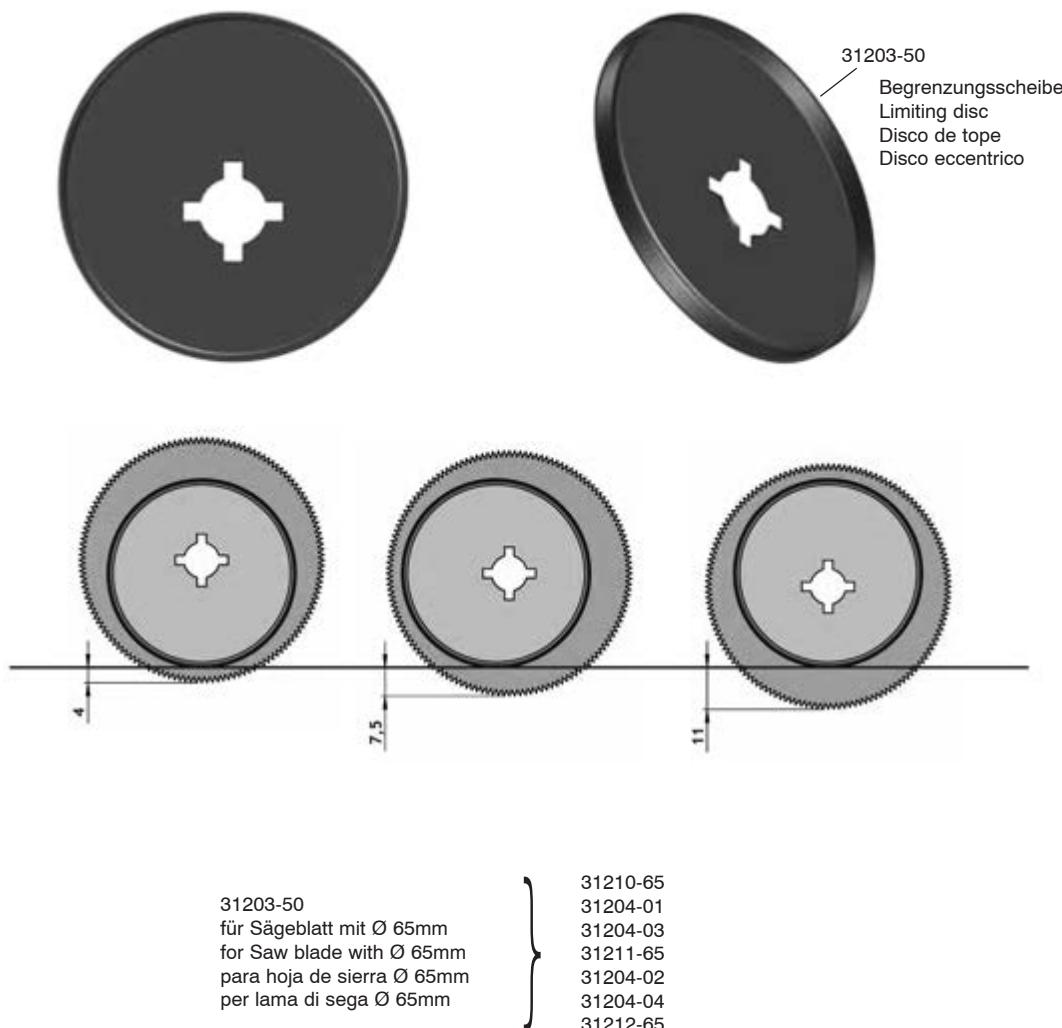
depp cutting saw

Hojas de sierra de profundidad,

Lame a taglio di profondità

31205-08 8mm
31205-09 8mm31205-20 20mm
31205-21 20mm

Sägeblätter
Saw blades
Hojas de repuesto
Lame per sega



Zubehör
Accessories
Accesorio
Accessori



31200-95



31202-16



31210-30

31212-02, 11 mm
31202-14, 14 mm31220-99
10 Stück
10 pieces
10 piezas
10 pezzi

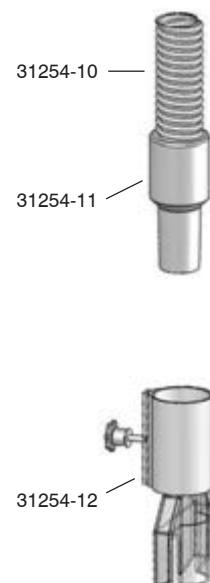
Absauganlage und Wagen ohne Gipssäge
Hoover and carriage without plaster saw
Aspirador y careta sin sierra
Aspirazione e carello senza sega

31252-11 120 Volt, 500 - 1250 Watt (1250 PT), 19 kg

31252-22 230 Volt, 500 - 1200 Watt (1450 PT), 19 kg



Aufgebaut Einheit
Set-up unit



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

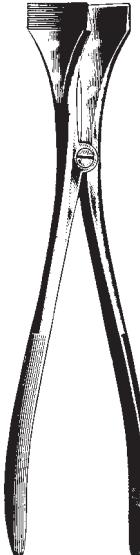
- 31250-12 Staubbeutel, Ather, antera, antera

- 31250-13 Motorfilter, motor filter, filtro para motor, filtro per motore

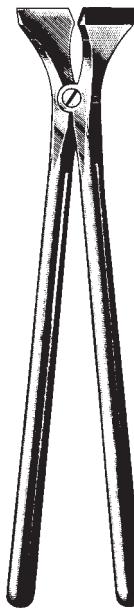
- 31250-14 Duftstick, flavor stick, stick de aroma, stick di effluvio

- 31250-15 HEPA-Filter, HEPA-Filter, filtro HEPA, filtro HEPA,

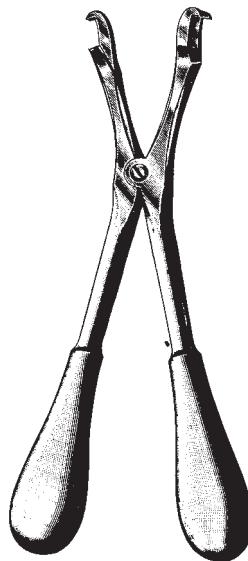
Gipsspreizer
Plaster Cast Instruments
Instrumentos para vendajes enyesados
Allargagessi



HENNIG
31350-28 28 cm, 11"



BEESON
31360-30 30 cm, 11 3/4"



HAGLUND-STILLE
31362-28 28 cm, 11"



REDA
31366-23 23 cm, 9"

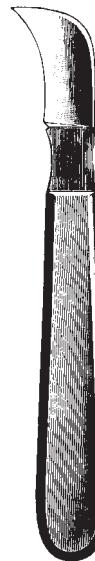
Gipsmesser, Gipsabreißzangen
Plaster Cast Instruments, Knives
Instrumentos para vendajes enyesados, Cuchillos
Allargagessi, Coltelli per Gessi, Strappagessi



HOPKINS
31370-20
20 cm, 8"



ESMARCH
31380-18
18 cm, 7"



REINER
31390-18
18 cm, 7"

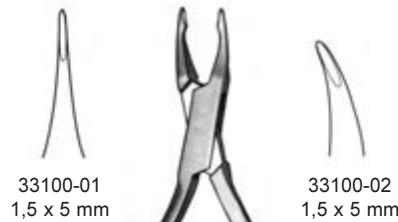


WOLFF
31395-18
18 cm, 7"



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"

3,5 mm

33102-01
2 mm

33102-02
2 mm

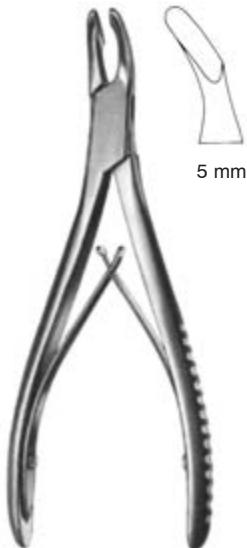
FRIEDMAN
33101-14 14 cm, 5 1/2"

STELLBRINK
17 cm, 6 3/4"

Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinze sgorbie



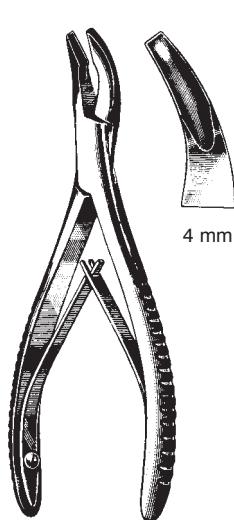
CLEVELAND
33103-14 14 cm, 5 1/2"



CLEVELAND
33105-17 17 cm, 6 3/4"

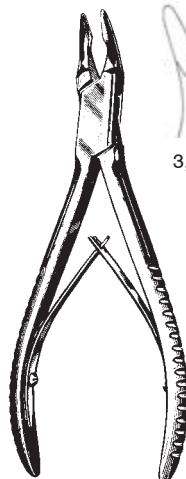


MEAD
33107-16 16,5 cm, 6 1/2"

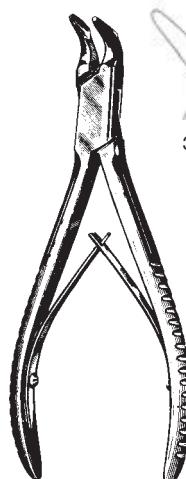


MEAD
33109-16 16,5 cm, 6 1/2"

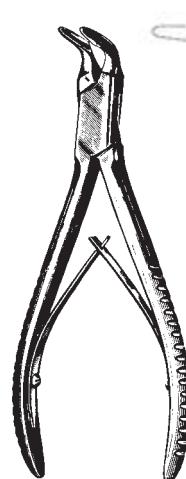
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinze sgorbie



BLUMENTHAL
33115-15
15,5 cm, 6"



BLUMENTHAL
33117-15
15,5 cm, 6"



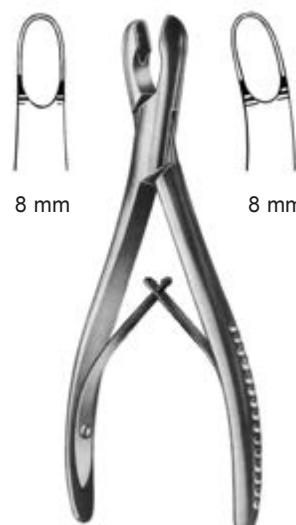
BLUMENTHAL
33119-15
15,5 cm, 6"



LUER
33131-15
15 cm, 5.9"



LUER
33133-15
15 cm, 5.9"

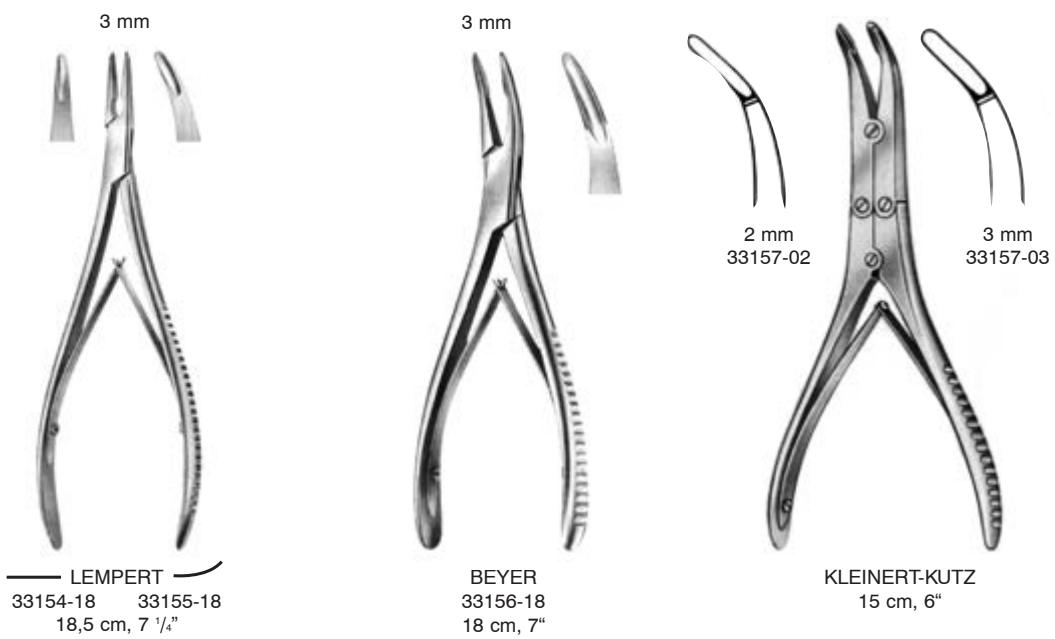
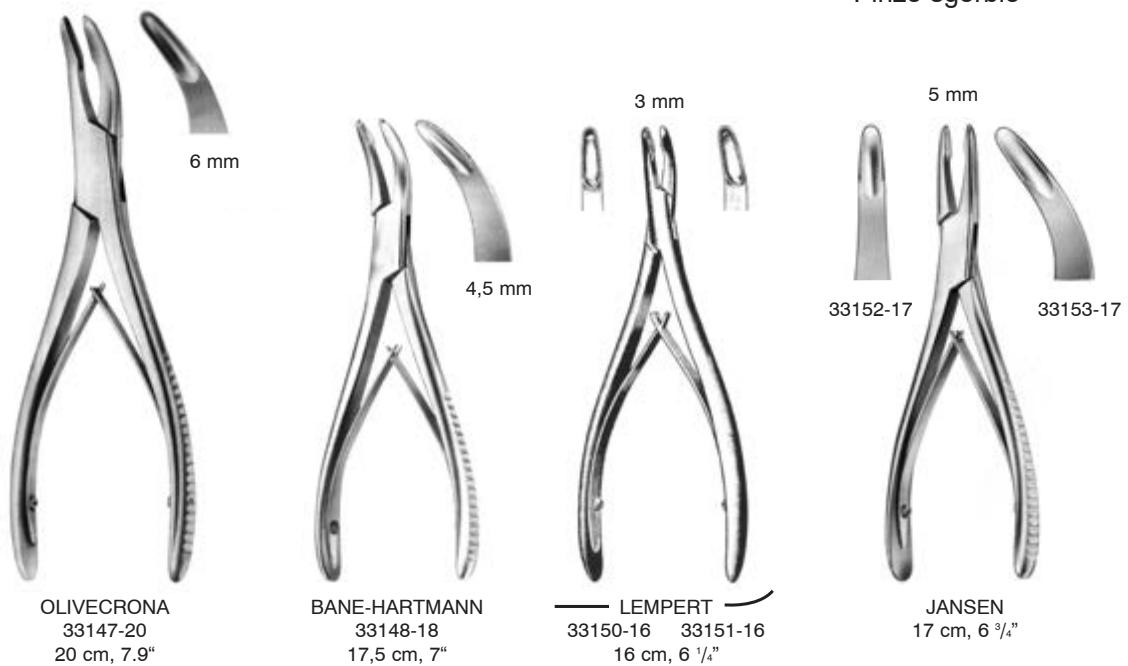


— LUER —
33136-17 33137-17
17 cm, 6 ¾"

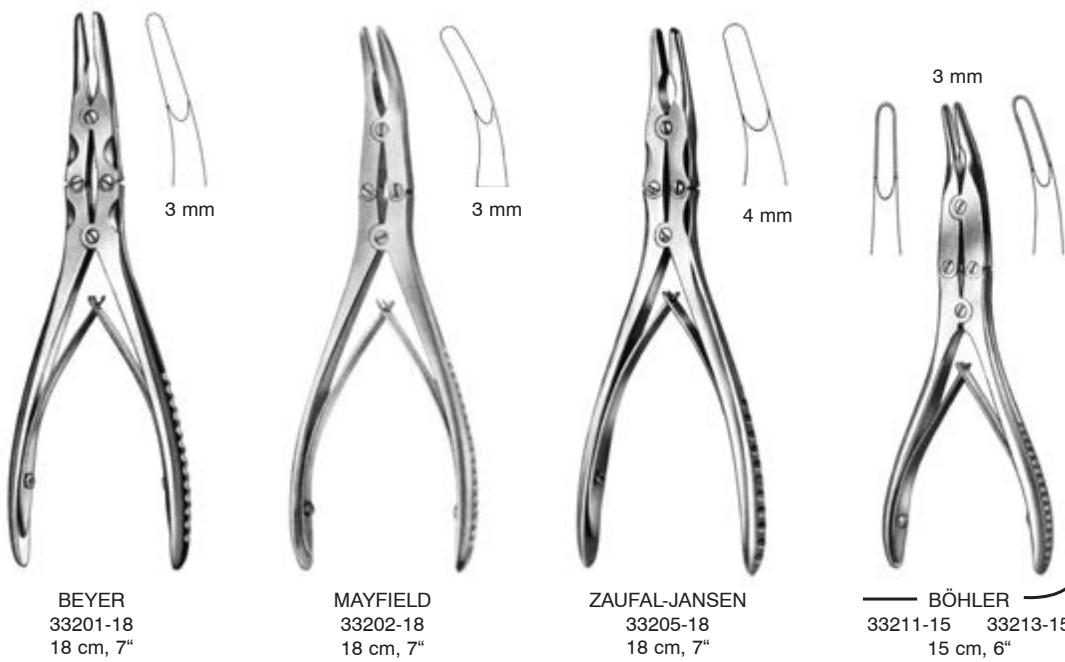
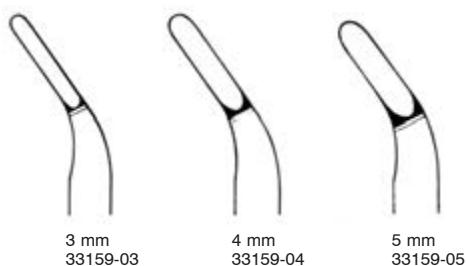
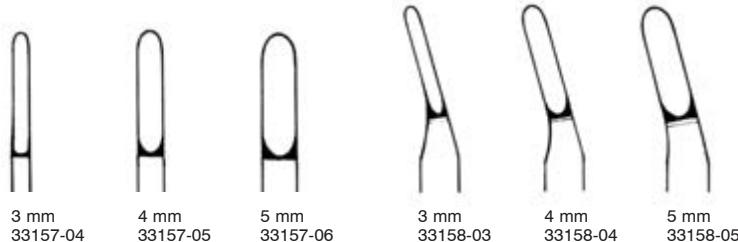


— ADSON —
33142-20 33143-20
20 cm, 7.9"

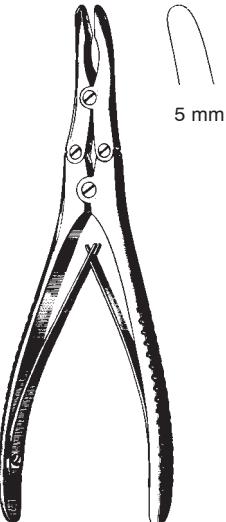
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinze sgorbie



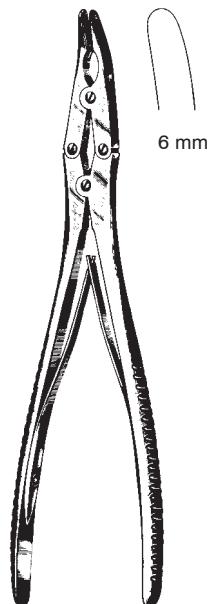
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinze sgorbie



Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinze sgorbie



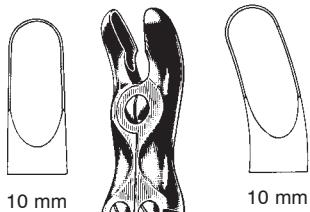
RUSKIN
33216-18 33217-18
18 cm, 7"



RUSKIN
33219-23 23 cm, 9"



MARQUARDT
33220-20 20 cm, 8"



10 mm 10 mm



5 mm



9,5 mm



STILLE-LUER
33230-22 22 cm, 8 3/4"
33230-26 26 cm, 10 1/4" 33231-26

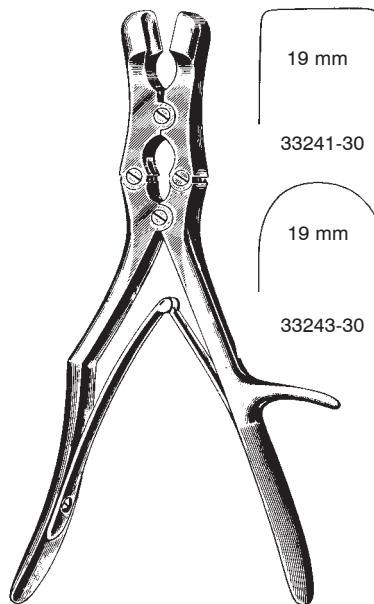


STILLE-LUER
33235-23
23 cm, 9"

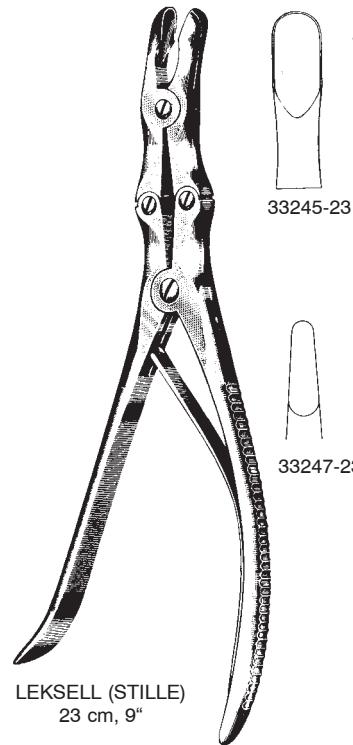


STILLE-RUSKIN
33237-23
23 cm, 9"

Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias
Pinze sgorbie



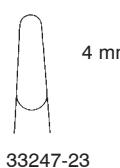
SAUERBRUCH
30 cm, 10 $\frac{3}{4}$ "



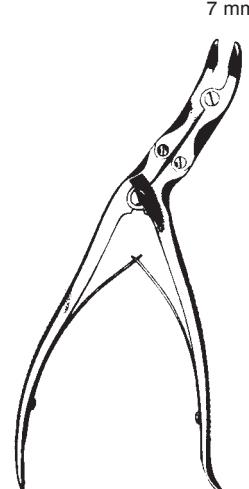
LEKSELL (STILLE)
23 cm, 9"



7 mm
33245-23



4 mm
33247-23



SCAGLIETTI
26 cm, 10 $\frac{1}{4}$ "
33251-26
rechts
right
derecha
a derecha

links
left
izquierda
a izquierda



SEMB
33261-22
22,5 cm, 8.9"

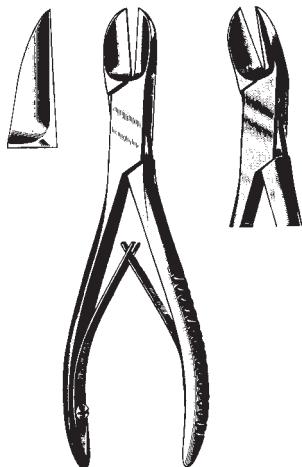


ECHLIN
33257-23 2 mm
33258-23 4 mm
33259-23 3 mm
23 cm, 9"



FRYKHOLM
33260-24
24 cm, 9 $\frac{1}{2}$ "

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"



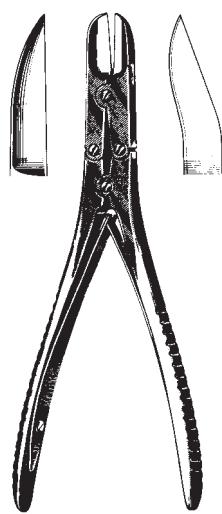
COTTELE-KAZANJIAN
33282-19
19 cm, 7 1/2"



MC INDOE
33283-17
17 cm, 6 3/4"

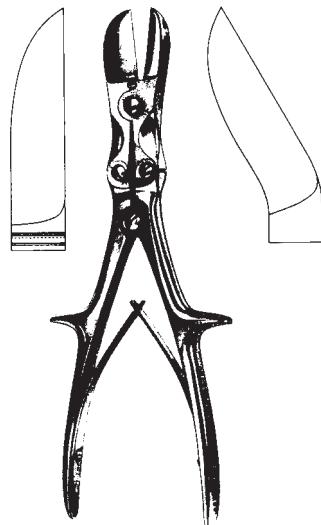


STAMM
33284-15
15 cm, 6"



RUSKIN-LISTON
33286-18 33289-18
18 cm, 7"

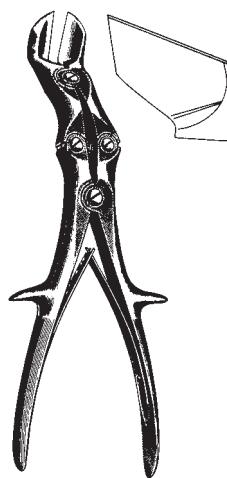
Knochensplitterzangen
 Bone Cutting Forceps
 Pinzas cortantes para huesos
 Cesoie per ossa



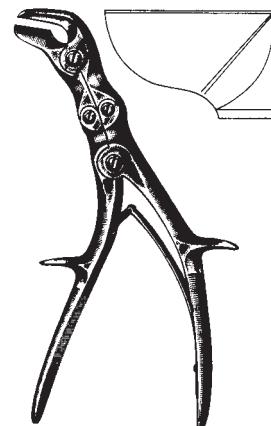
— STILLE-LISTON —
 33290-23 23 cm, 9" 33291-23
 33290-27 27 cm, 10 1/2" 33291-27



STILLE-LISTON
 33292-26
 26 cm, 10 1/4"

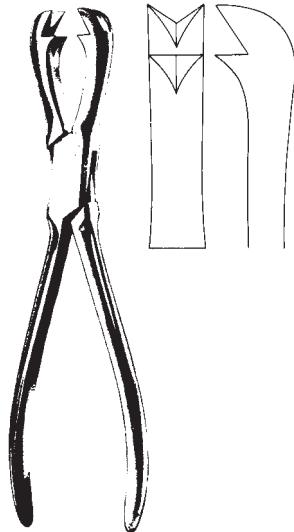


STILLE-HORSLEY
 33293-27
 27 cm, 10 1/2"

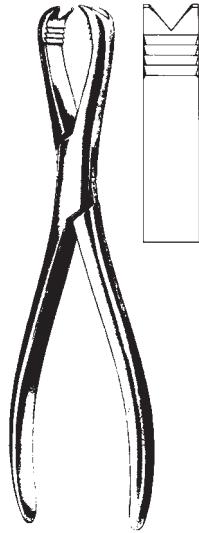


SEMB
 33295-24
 24 cm, 9 1/2"

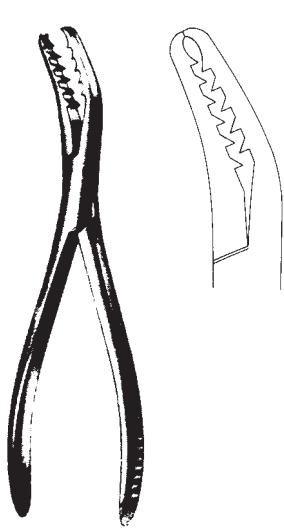
Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Tenaglie per ossa



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"

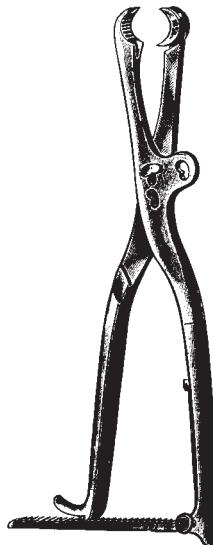


FARABEUF
33366-23 23 cm, 9"
33366-26 26 cm, 10 1/4"



FARABEUF-LAMBOTTE
33368-26
26 cm, 10 1/4"

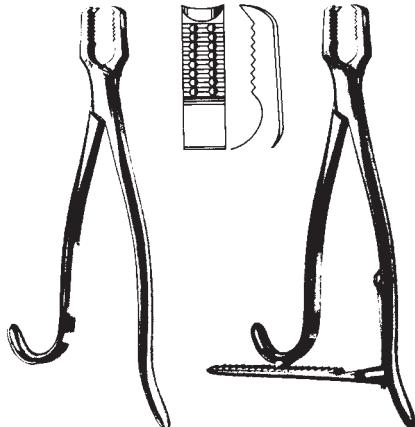
Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Tenaglie per ossa



LAMBOTTE
33370-22 22 cm, 8 $\frac{3}{4}$ "
33370-27 27 cm, 10 $\frac{1}{2}$ "
33370-30 30 cm, 11 $\frac{3}{4}$ "



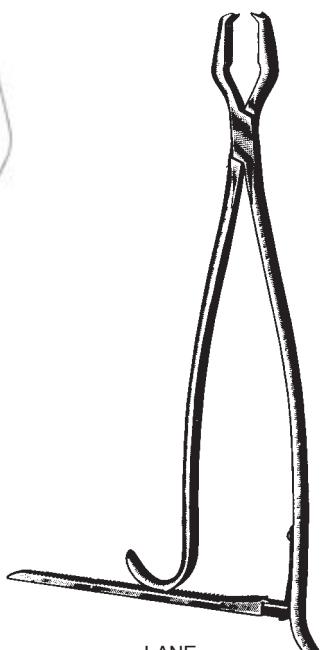
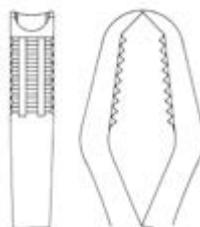
LAMBOTTE
33372-22 22 cm, 8 $\frac{3}{4}$ "
33372-26 26 cm, 10 $\frac{1}{4}$ "
33372-33 33 cm, 13"



KERN
33378-15 15 cm, 6"
33378-17 17 cm, 6 $\frac{3}{4}$ "
33378-21 21 cm, 8 $\frac{1}{4}$ "



LANE
33382-33 33 cm, 13"
33382-45 45 cm, 17 $\frac{3}{4}$ "



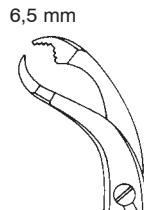
LANE
33384-33 33 cm, 13"
33384-45 45 cm, 17 $\frac{3}{4}$ "

Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Tenaglie per ossa

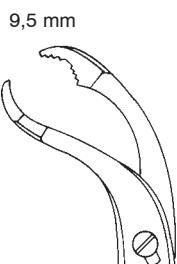
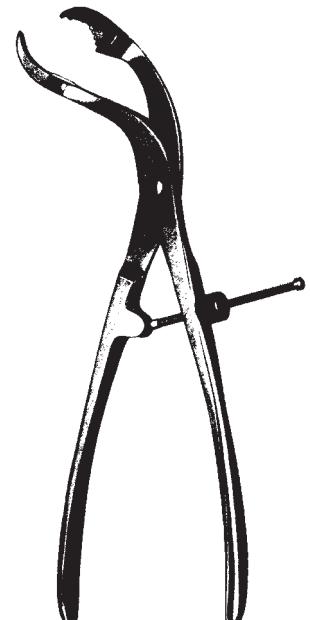
selbstzentrierend
self-centering
autocentrantes
autocentranti



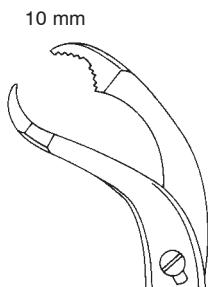
33391-15
15 cm, 6"



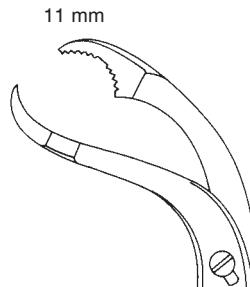
33391-19
19 cm, 7 1/2"



33391-24
24 cm, 9 1/2"

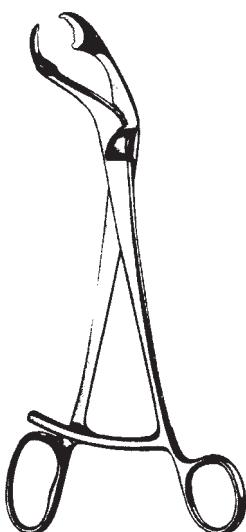


33391-26
26 cm, 10 1/4"



33391-28
28 cm, 11"

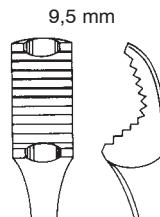
33391-15 - 33391-28



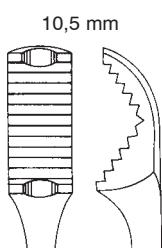
VERBRUGGE
33395-17 - 33395-27



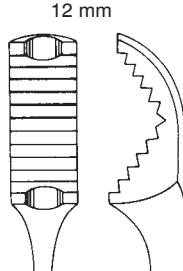
33395-17
17,5 cm, 7"



33395-25
25 cm, 10"

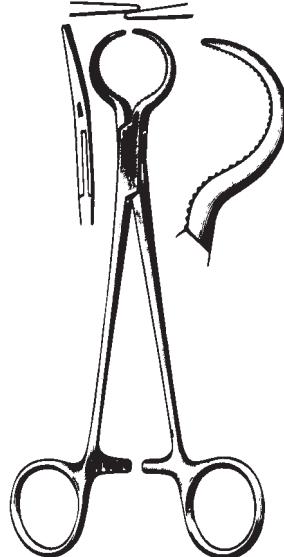


33395-26
26 cm, 10 1/4"

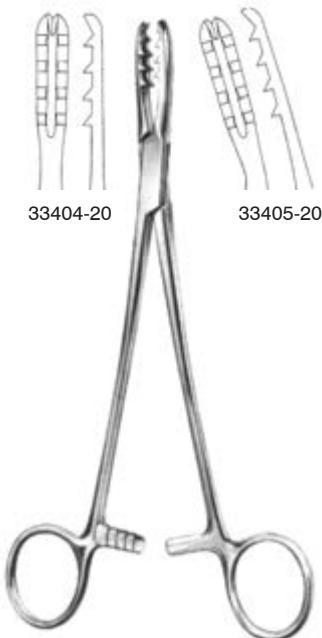


33395-27
27 cm, 10 1/2"

Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Tenaglie per ossa



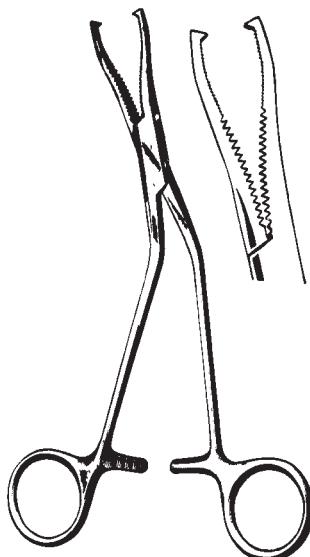
LEWIN
33402-17
17,5 cm, 7"



BIRCHER-GANSKE
20 cm, 8"



33406-20
20 cm, 8"



DINGMANN
33407-19
19 cm, 7 1/2"



REDA
33409-13
13,5 cm, 5 1/4"

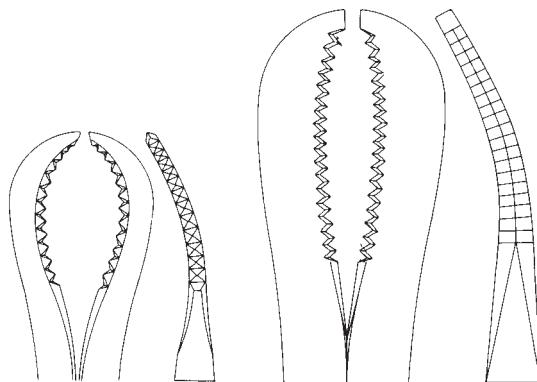


MARTIN
33410-19
19 cm, 7 1/2"

Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Tenaglie per ossa

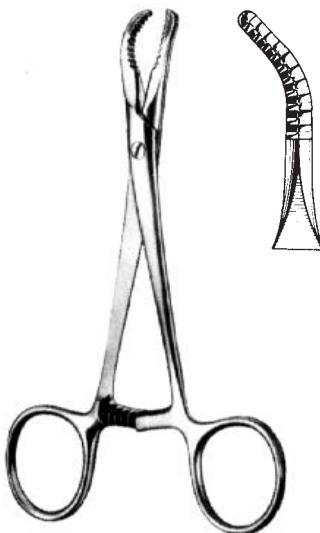


33412-16
16 cm, 6 1/4"



33412-24
24 cm, 9 1/2"

REDA
33412-16 - 33412-24

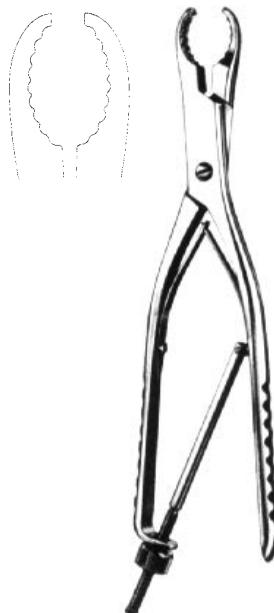


REDA
33413-14
13,5 cm, 5 1/4"

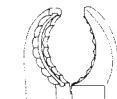


33414-21
21 cm, 8 1/4"

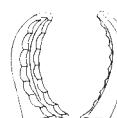
Knochenhaltezangen
Bone Holding Forceps
Pinzas para huesos
Tenaglie per ossa



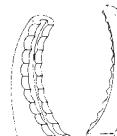
ULRICH
33415-23 - 33415-28



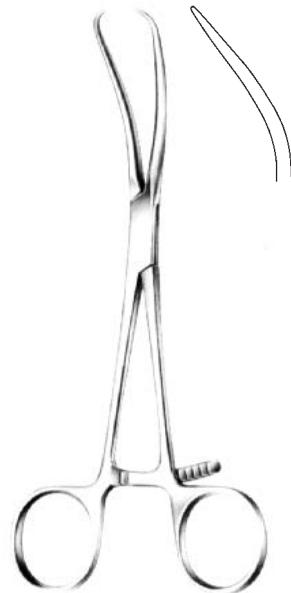
33415-23
23 cm, 9"



33415-25
25 cm, 10"



33415-28
28 cm, 11"



REILL
33416-17 17 cm, 6 3/4"



PATELLA

33417-18 18,5 cm, 7 1/4"



MEYER

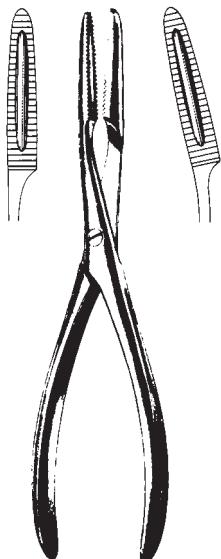
33418-17 17 cm, 6 3/4"



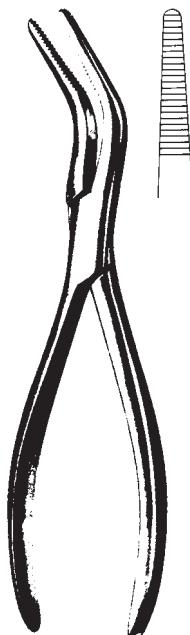
MEYER

33419-20 20,5 cm, 8"

Knochenhaltezangen, -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"

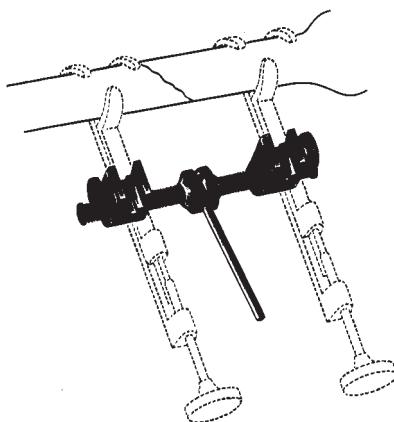


LOWMAN-HOGLUND
 33442-19
 19 cm, 7 1/2"



LAMBERT-LOWMAN
 33443-18
 18 cm, 7"

Knochenhaltezangen, Bleihand
Bone holding forceps, Lead Hands
Pinzas para huesos, Manoplas de plomo
Tenaglie per ossa, Mani di piombo



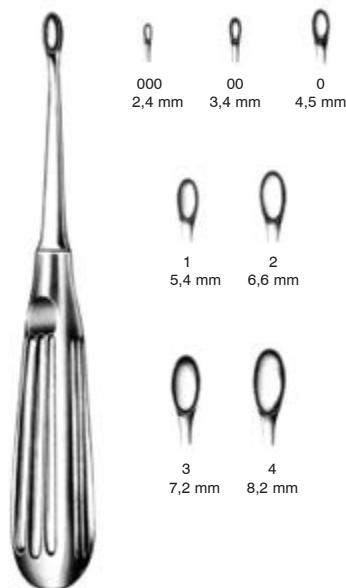
GERSTER
33444-15



33450-01
32 cm, 12 $\frac{3}{4}$ "
Erwachsenen
adult size
p. adultos
p. adulti

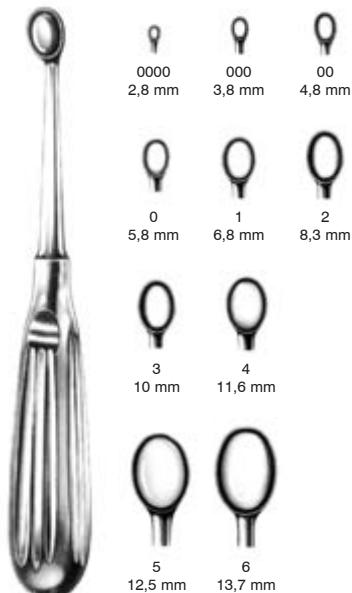
33450-02
24 cm, 9 $\frac{1}{2}$ "
Kind
child size
p. niños
p. bambini

Scharfe Löffel
Bone Curettes
Cucharillas cortantes
Curette taglienti

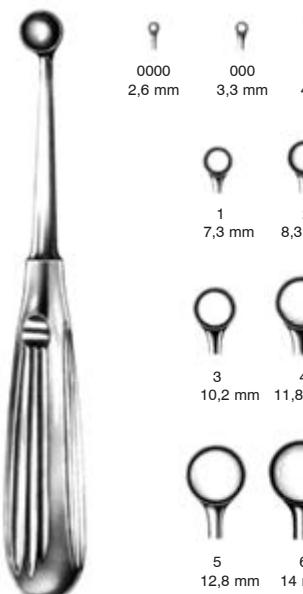


SCHEDE
17 cm, 6 $\frac{3}{4}$ "
33467-97 - 33468-04

SCHEDÉ	Fig.	VOLKMANN
33467-97	0000	33469-96
33467-98	000	33469-97
33468-00	00	33469-98
33468-01	0	33470-00
33468-02	1	33470-01
33468-03	2	33470-02
33468-04	3	33470-03
	4	33470-04
	5	33470-05
	6	33470-06

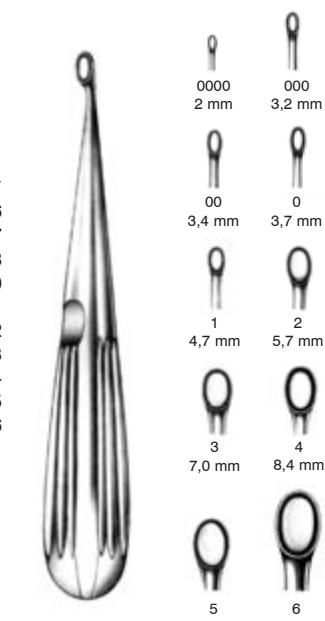


VOLKMANN
17 cm, 6 $\frac{3}{4}$ "
33469-96 - 33470-06



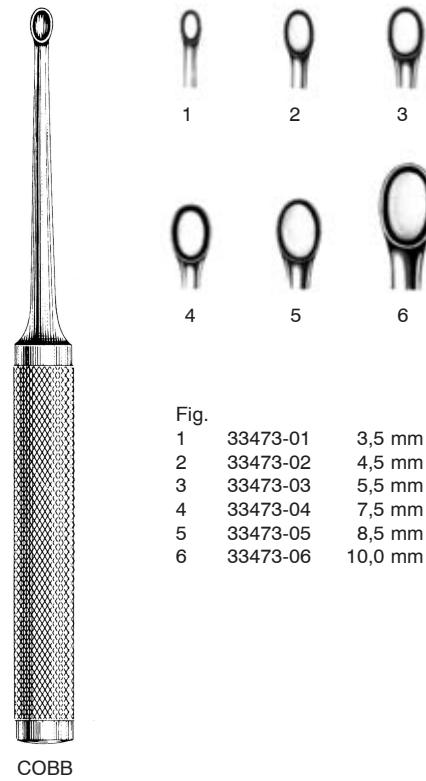
BRUNS
17 cm, 6 $\frac{3}{4}$ "
33471-96 - 33472-06

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 $\frac{3}{4}$ "
33474-97 - 33475-06

Scharfe Löffel
Bone Curettes
Cucharillas cortantes
Curette taglienti



Scharfe Löffel
Bone Curettes
Cucharillas cortantes
Curette taglienti

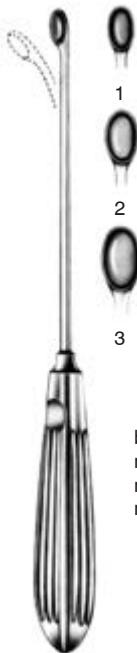


Fig.
1 33476-01 4,8 mm
2 33476-02 5,8 mm
3 33476-03 6,8 mm

biegsam
malleable
maleable
malleabile

HALLE
21 cm, 8 1/4"
33476-01 - 33476-02

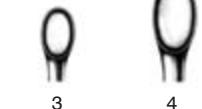


Fig.
000 33476-98 2,8 mm
00 33476-99 3,3 mm
0 33477-00 3,7 mm
1 33477-01 4,3 mm
2 33477-02 4,8 mm
3 33477-03 5,6 mm
4 33477-04 6,1 mm
5 33477-05 6,7 mm
6 33477-06 8,8 mm

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 Curettes
 Cucharillas cortantes
 Curette taglienti

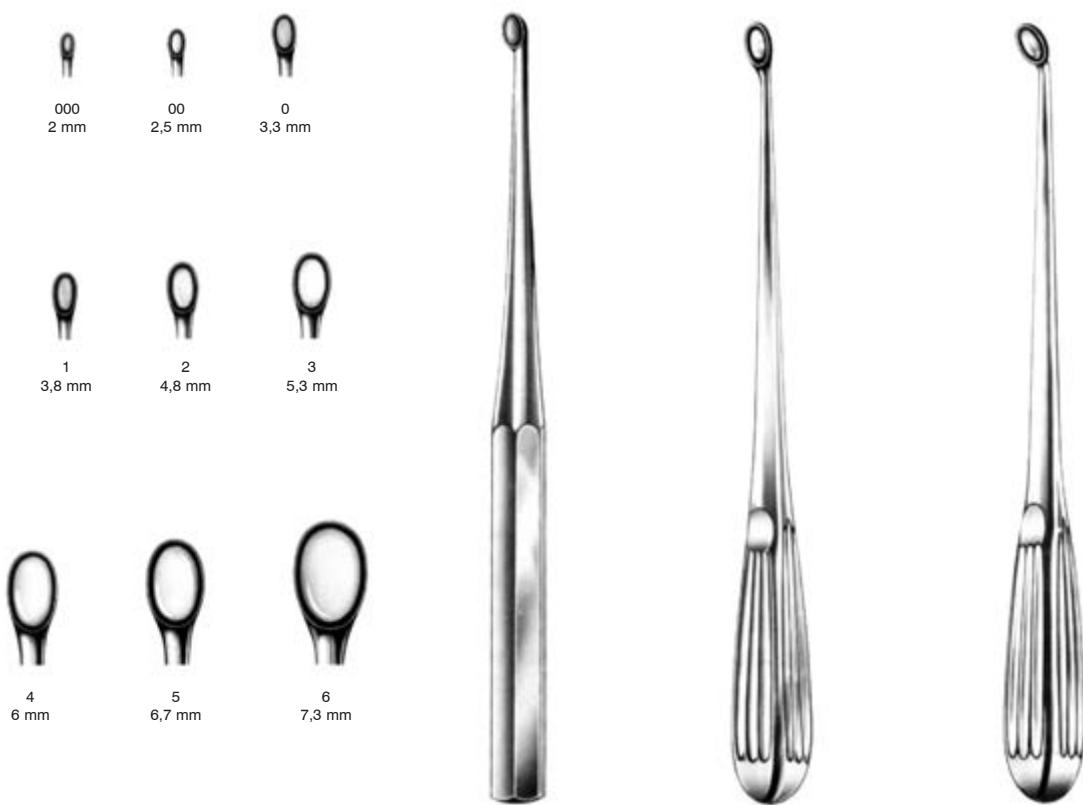


Fig.

000
00
0
1
2
3
4
5
6

BRUNS
23 cm, 9"

BRUNS
23 cm, 9"

BRUNS
23 cm, 9"

33480-97	33482-97	33484-97
33480-98	33482-98	33484-98
33481-00	33483-00	33485-00
33481-01	33483-01	33485-01
33481-02	33483-02	33485-02
33481-03	33483-03	33485-03
33481-04	33483-04	33485-04
33481-05	33483-05	33485-05
33481-06	33483-06	33485-06

2,8 mm 3,3 mm 3,7 mm
 4,3 mm 4,8 mm 5,6 mm
 6,1 mm 6,7 mm 6,7 mm
 8,8 mm 8,8 mm

Scharfe Löffel
Bone Curettes
Cucharillas cortantes
Curette taglienti

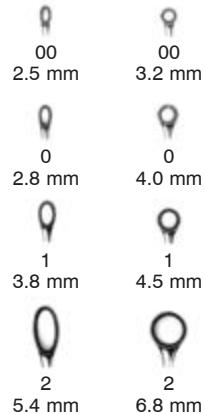


33485-21 21 cm, 8 1/4"
oval/rund
ovale/ronde
ovalado/redondo
ovale/rotonda



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
20 cm, 8"



Fig. 00 33487-99
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"

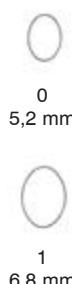


Fig. 0 33490-10 3,3 mm
00 33490-20 3,0 mm
000 33490-30 2,7 mm
0000 33490-40 2,4 mm
00000 33490-50 2,0 mm



REDA
25 cm, 10"

Fig. 000 33491-05
00 33491-06
0 33491-07
1 33491-08



1
6,8 mm

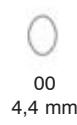


REDA
25 cm, 10"

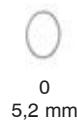
Fig. 000 33500-01
00 33500-02
0 33500-03



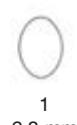
3,6 mm



4,4 mm

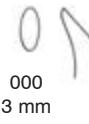


5,2 mm



6,8 mm

Fig. 000 33491-01
00 33491-02
0 33491-03
1 33491-04



3 mm



4 mm



5 mm

BUSHE
25 cm, 10"

Scharfe Löffel
Bone Curettes
Cucharillas cortantes
Curette taglienti



VOLKMANN

33492-13 13 cm, 5 $\frac{1}{8}$ "
33492-16 16 cm, 6 $\frac{1}{4}$ "
33492-20 20 cm, 8"



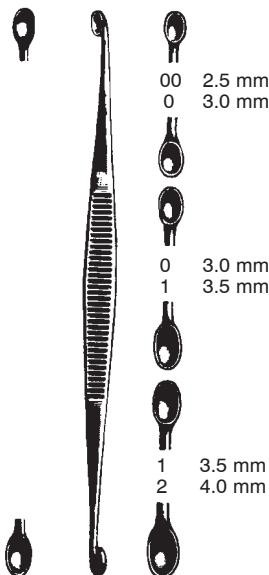
VOLKMANN

33494-13 13 cm, 5 $\frac{1}{8}$ "
33494-14 14 cm, 5 $\frac{1}{2}$ "
33494-17 17 cm, 6 $\frac{3}{4}$ "



JANSEN

33495-16
16 cm, 6 $\frac{1}{4}$ "



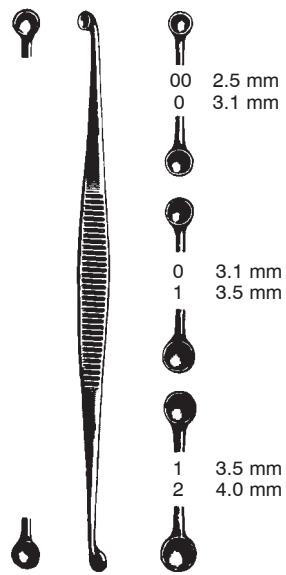
WILLIGER

13,5 cm, 5 $\frac{1}{4}$ " Fig.
33496-00 00/0
33496-01 0/1
33496-12 1/2



JACOBSON

13 cm, 5 $\frac{1}{8}$ "
33497-00



MARTINI

13,5 cm, 5 $\frac{1}{4}$ "
33498-00
33498-01
33498-12

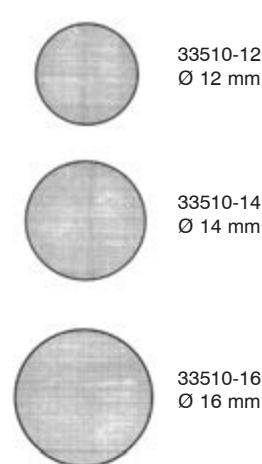
Stößel
Hemostats
Hemostáticos
Pistoni



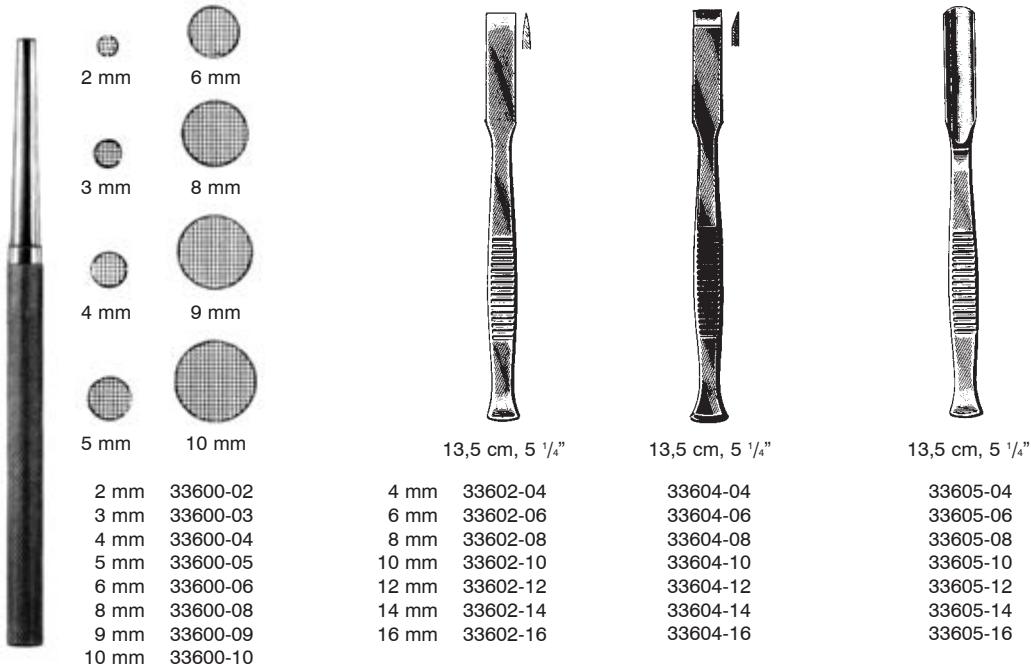
CASPAR
200 mm, 8"



200 mm, 8"



Stößel, Flachmeißel, Hohlmeißel, Osteotome
 Hemostats, Chisels, Gouges, Osteotome
 Hemostáticos, Cinceles, Gubias, Osteótomo
 Pistoni, scalpelli, sgorbie, Osteotomia



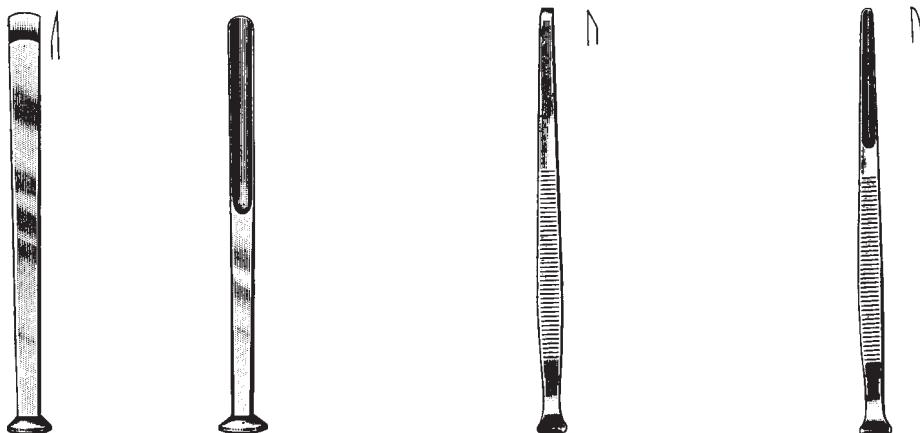
The diagram illustrates five osteotomes of different sizes. To the left of each osteotide is a circular inset showing its cross-section. The sizes are labeled as follows:

- 2 mm (top)
- 3 mm
- 4 mm
- 5 mm (bottom)
- 6 mm (top)
- 8 mm
- 9 mm
- 10 mm (bottom)

Below the osteotomes, their respective part numbers and lengths are listed:

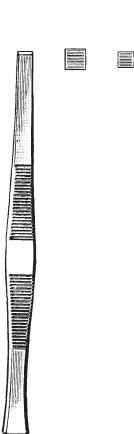
13,5 cm, 5 1/4"	13,5 cm, 5 1/4"	13,5 cm, 5 1/4"	
2 mm 33600-02	4 mm 33602-04	33604-04	33605-04
3 mm 33600-03	6 mm 33602-06	33604-06	33605-06
4 mm 33600-04	8 mm 33602-08	33604-08	33605-08
5 mm 33600-05	10 mm 33602-10	33604-10	33605-10
6 mm 33600-06	12 mm 33602-12	33604-12	33605-12
8 mm 33600-08	14 mm 33602-14	33604-14	33605-14
9 mm 33600-09	16 mm 33602-16	33604-16	33605-16
10 mm 33600-10			

16 cm, 6 1/4"



ALEXANDER		ALEXANDER		PARTSCH		PARTSCH	
17 cm, 6 3/4"		17 cm, 6 3/4"		13,5 cm, 5 1/4" mm	17 cm, 6 3/4"	13,5 cm, 5 1/4" mm	17 cm, 6 3/4"
33610-04	4 mm	33611-04	4 mm	33620-02	2	33622-02	33623-02
33610-06	6 mm	33611-06	6 mm	33620-03	3	33622-03	33623-03
33610-08	8 mm	33611-08	8 mm	33620-04	4	33622-04	33623-04
33610-10	10 mm	33611-10	10 mm	33620-05	5	33622-05	33623-05
33610-12	12 mm	33611-12	12 mm	33620-06	6	33622-06	33623-06
33610-14	14 mm	33611-14	14 mm	33620-07	7	33622-07	33623-07
				33620-08	8	33622-08	33623-08

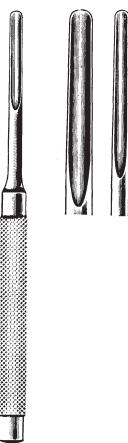
Flachmeißel, Hohlmeißel, Osteotome
 Chisels, Gouges, Osteotome
 Cinceles, Gubias, Osteótomo
 Scalpelli, sgorbie, Osteotomia



PASSOW
 12 cm, 4 3/4"
 33626-35 3,5 mm
 33626-25 2,5 mm



BRÜNINGHS-LUCAS
 16 cm, 6 1/4"
 33627-04 4 mm
 33627-06 6 mm



BRÜNINGHS-LUCAS
 16 cm, 6 1/4"
 33628-03 3 mm
 33628-05 5 mm



STILLE
 20 cm, 8"
 33630-06 6 mm
 33630-08 8 mm
 33630-10 10 mm
 33630-12 12 mm
 33630-15 15 mm
 33630-20 20 mm
 33630-25 25 mm
 33630-30 30 mm



STILLE
 20 cm, 8"



STILLE
 20 cm, 8"



STILLE
 20 cm, 8"

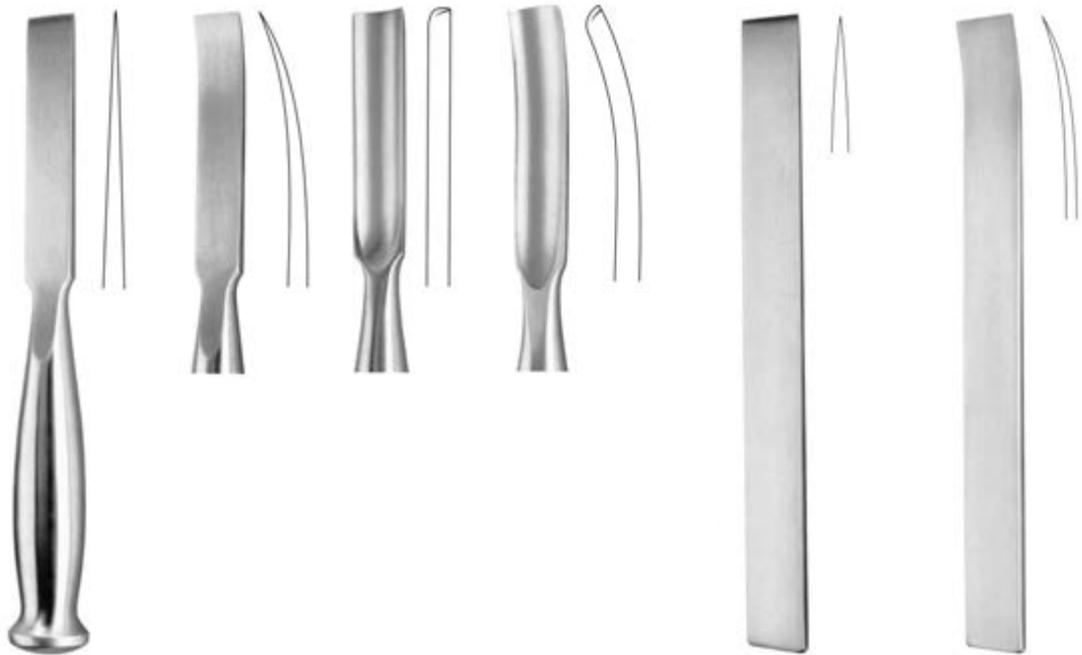


STILLE
 20 cm, 8"

	6 mm	33632-06	33633-06
	8 mm	33632-08	33633-08
33631-10	10 mm	33632-10	33633-10
33631-12	12 mm	33632-12	33633-12
33631-15	15 mm	33632-15	33633-15
33631-20	20 mm	33632-20	33633-20
33631-25	25 mm	33632-25	33633-25
33631-30	30 mm	33632-30	33633-30

	6 mm	33632-06	33633-06
	8 mm	33632-08	33633-08
	10 mm	33632-10	33633-10
	12 mm	33632-12	33633-12
	15 mm	33632-15	33633-15
	20 mm	33632-20	33633-20
	25 mm	33632-25	33633-25
	30 mm	33632-30	33633-30

Osteotome, Hohlmeißel
 Osteotome, Gouges
 Osteótomo, Gubias
 Osteotomia, sgombie



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"		23 cm, 9"
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



2 mm



3 mm



4 mm



6 mm



8 mm



10 mm

	12,5 cm, 5"	mm	17 cm, 6 3/4"
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



12 mm



15 mm

MINI-LAMBOTTE

8 mm



8 mm



8 mm



8 mm



mit Ferrozellgriff
 with Ferrozell-Handle
 con mango de Ferrozell
 con manico di Ferrozell

COBB
 28 cm, 11"
 33656-28

COBB
 28 cm, 11"
 33657-28

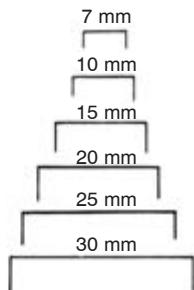
COBB
 28 cm, 11"
 33658-28

COBB
 28 cm, 11"
 33659-28

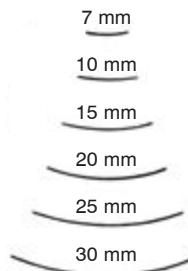
Osteotome und Hohlmeißel mit Ferrozell-Griff
 Osteotome and Gouges with Ferrozell-Handle
 Osteótomo, Gubias con mango de Ferrozell
 Osteotomo, con manico di Ferrozell



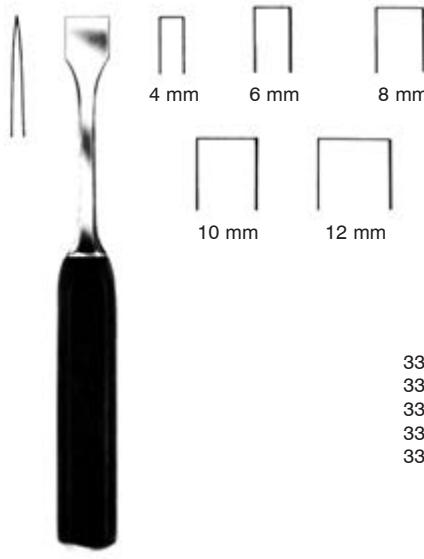
LEXER
22 cm, 8 3/4"



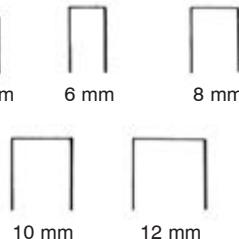
33660-07	7 mm	33661-07
33660-10	10 mm	33661-10
33660-15	15 mm	33661-15
33660-20	20 mm	33661-20
33660-25	25 mm	33661-25
33660-30	30 mm	33661-30



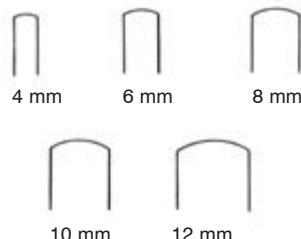
LEXER
22 cm, 8 3/4"



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



20 mm

33665-24
 24,5 cm, 9 3/4"



16 mm

33665-26
 26,5 cm, 10 1/2"



9 mm

mit NOVOTEX-Griff
 with Novotex-Handle
 con mango de Novotex
 con manico di Novotex

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

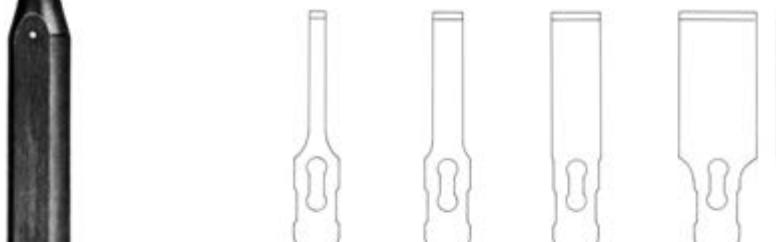


HIBBS
 24 cm, 9 1/2"
 33675-06 6 mm
 33675-09 9 mm
 33675-13 13 mm
 33675-16 16 mm
 33675-19 19 mm
 33675-25 25 mm
 33675-32 32 mm

Meißel
Chisels
Cinceles
Scalpelli

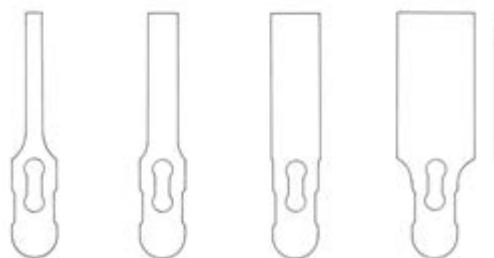


33676-02
9 cm, 3 1/2"
Spannschlüssel
Key
Llave
Clé
Chiave



5 mm 10 mm 16 mm 25 mm
33676-05 33676-10 33676-16 33676-25
8,5 mm, 3.4" 8,5 mm, 3.4" 8,5 mm, 3.4" 8,5 mm, 3.4"

33676-01
18,5 cm, 7 1/4"
Griff allein
Handle only
Mango suelto
Manico solo

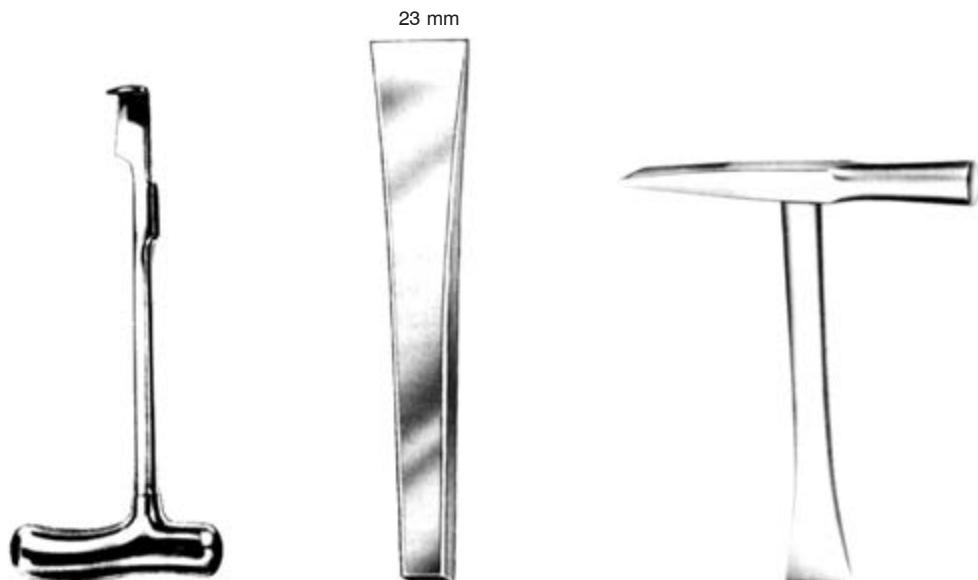


5 mm 10 mm 16 mm 25 mm
33677-05 33677-10 33677-16 33677-25
8,5 mm, 3.4" 8,5 mm, 3.4" 8,5 mm, 3.4" 8,5 mm, 3.4"

Meißelklingen
auswechselbar
Chisel blades
interchangeable
Hojas de cincel
intercambiables
Lame intercambiabili

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, Cincel rompe-cráneo, Raquíótomas, Ganchos muscularare
 Scalpello per sterno, Osteotomo, Divisore per cranio, Rachiotomi, Uncino per muscoli



LEBSCHE
33678-24
24,5 cm, 9 3/4"

33679-13
13 cm, 5 1/8"

33680-22
14 cm, 5 1/2"



33682-22
22 cm, 8 3/4"



19902-10
10 cm, 4"



19903-00

Medizinlöffel, Meißel, Sektionsnadeln
 Medicine Spoon, Chisels, Post mortem needles
 Cuchara graduada, Cinceles, Agujas para autopsia
 Cucchiaio per medicinali, Scalpelli, Aghi per autopsia

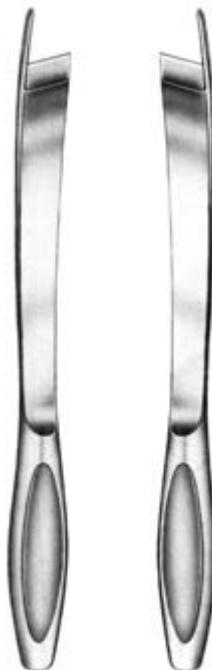


89146-20 20 cc
 110 x 20 mm



63174-00
 Blutschöpfer, 150 ccm
 Blood scoop, 9 cu. inches
 Cucharra p / sangre
 Cucchiaio per sangue

Ø 90 mm



BRUNETTI

28,5 cm, 11 1/4"

33682-01	33682-02
links	rechts
left	right
izquierdo	derecho
sinistra	destra

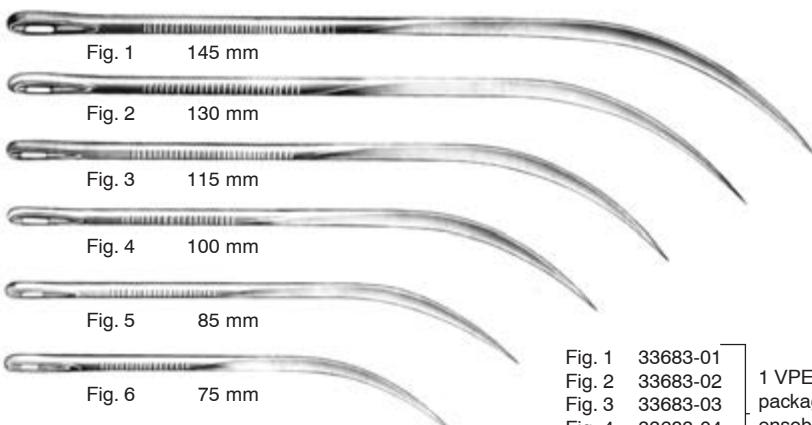


Fig. 1 145 mm

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

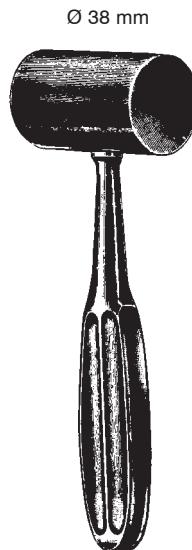
Modelo pequeño, estuche de madera, contenido:
 4 Escalpelos
 1 Cuchillo para cartílago
 1 Tijera de incisión, 13 cm (5 1/8")
 1 Pinza para disección, 13 cm (5 1/8")
 1 Sierra de amputación Charrière
 1 Martillo
 1 Escoplo
 2 Separadores de 2 garfios, dobles
 2 Tubos insufladores, dobles
 2 Estiletes olivares, 13 cm (5 1/8")
 3 Agujas para sutura

Modello 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 buttonuti, doppi, 13 cm (5 1/8")
 3 Aghi per sutura

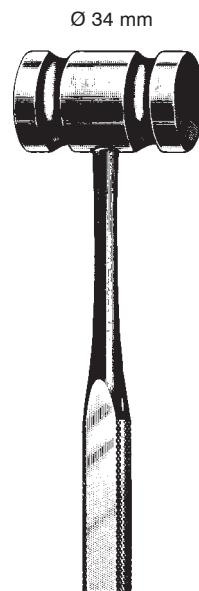
Hämmer
Mallets
Martillos
Martillos
Martelli



GERZOG
18 cm, 7"
33686-25 250 g



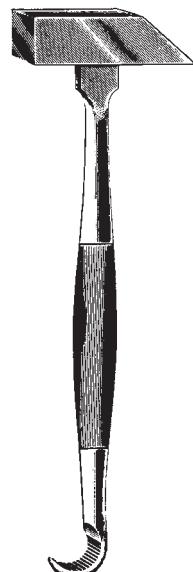
KIRK
19 cm, 7 1/2"
33687-75 750 g



26,5 cm, 10 1/2"
33688-45 450 g
33689-90 900 g



COLLIN
20 cm, 8"
33690-22 220 g



33699-00
23,5 cm, 9 1/4"
480 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

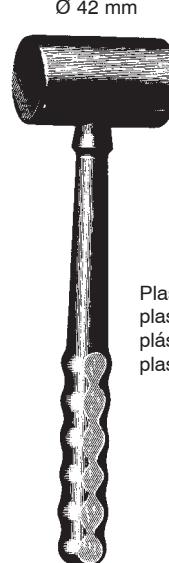


Ø 25 mm
LUCAE
19 cm, 7 1/2"
33692-26 260 g

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



Ø 42 mm
Plastik
plastic
plástico
plastica

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



QUISLING
33696-75



PARTSCH
33698-98
18 cm, 7"
199 g

Ø 40 mm



Ø 30 mm
33699-17
26,5 cm, 10 1/2"
530 g

Hämmer
Mallets
Martillos
Martillos
Martelli

Ø 30 mm



24,5 cm, 9 3/4" 215 g
33700-01

Ø 10 mm



23 cm, 9" 350 g
33700-02

Ø 23 mm

Kopf aus Implantatwerkstoff
Head made of material used for implants
Cabeza de material de implantación
Testa in materiale per impianti

Ø 45 mm



BERGMANN
24 cm, 9 1/2" 300 g
33700-03

Ø 30 mm



BERGMANN
23 cm, 9" 300 g
33700-04

Hämmer
Bone Hammers and Mallets
Martillos y mazos
Martillos y mazos
Martelli

Ø 30 mm



COTTLER
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
Periostótomas
Periostotomi

12,5 mm



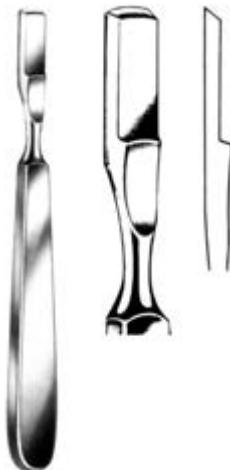
FARABEUF
33702-15
15 cm, 5.9"

12,5 mm



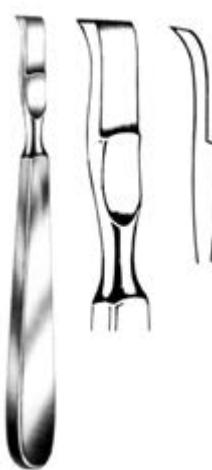
FARABEUF
33703-15
15 cm, 5.9"

11 mm



FARABEUF-COLLIN
33704-01
15,5 cm, 6"

11 mm



FARABEUF-COLLIN
33704-02
15,5 cm, 6"



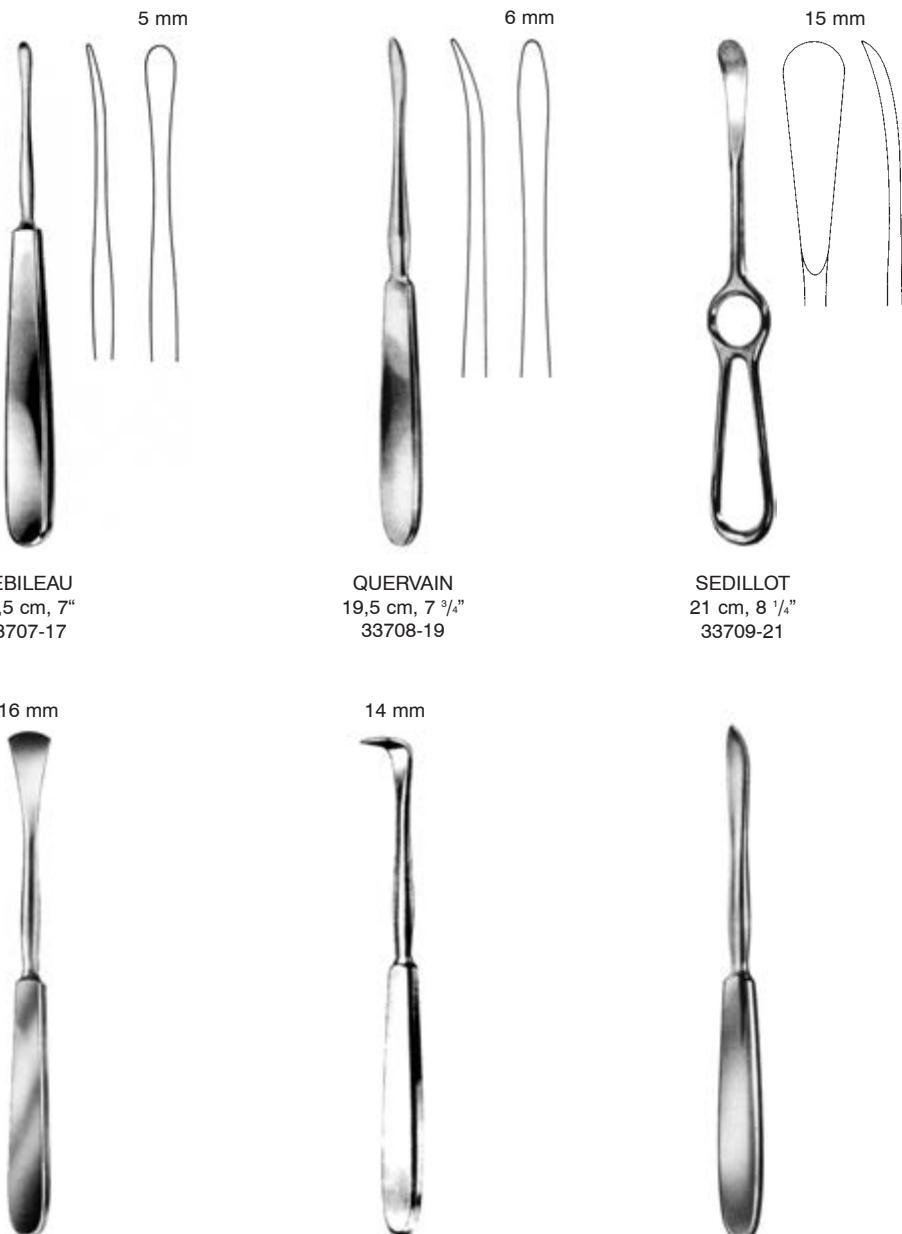
LAMBOTTE
21 cm, 8 1/4"
33705-05 5 mm
33705-10 10 mm
33705-15 15 mm
33705-20 20 mm
33705-25 25 mm

18 mm



SEILLLOT
18 cm, 7"
33706-18

Elevatoren, Raspatorien
 Elevatoren, Periosteal
 Elevadores, Periostótomas
 Elevatori, Periostotomi



SEBILLEAU
 17,5 cm, 7"
 33707-17

QUERVAIN
 19,5 cm, 7 ¾"
 33708-19

SEDILLOT
 21 cm, 8 ¼"
 33709-21

LANGENBECK
 19 cm, 7 ½"
 33710-19

LANGENBECK
 18 cm, 7"
 33711-18

LANGENBECK
 20 cm, 8"
 33711-20 8 mm
 33711-21 10 mm

Raspatorien, Elevatoren
 Raspatories, Elevators
 Periostótomas, 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



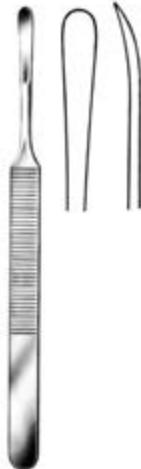
WILLIGER
 33713-16
 16 cm, 6 1/4"

5,5 mm



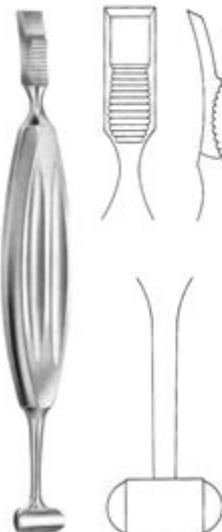
WILLIGER
 33713-17
 17 cm, 6 3/4"

5 mm



KÖNIG
 33714-15
 15,5 cm, 6"

12 mm

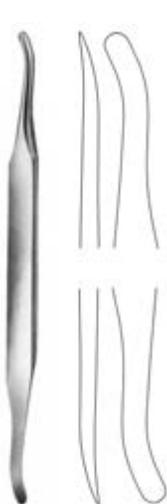


ALEXANDER
 33715-20
 21 cm, 8 1/4"

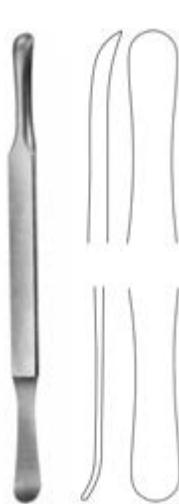


MOLT
 33716-18
 18 cm, 7"

Raspatorien, Elevatoren, Saugdissektor
 Raspatories, Elevators, Suction dissector
 Periostótomas, Elevadores, Disector con aspirador
 Periostotomi, Elevatori, Dissettore aspiratore



SELDIN
33717-19-01
19,5 cm 7 $\frac{3}{4}$ "



SELDIN
33717-19-02
19,5 cm 7 $\frac{3}{4}$ "



JOSEPH
33718-16
16 cm, 6 $\frac{1}{4}$ "



FOMON
33719-17
17 cm, 6 $\frac{3}{4}$ "

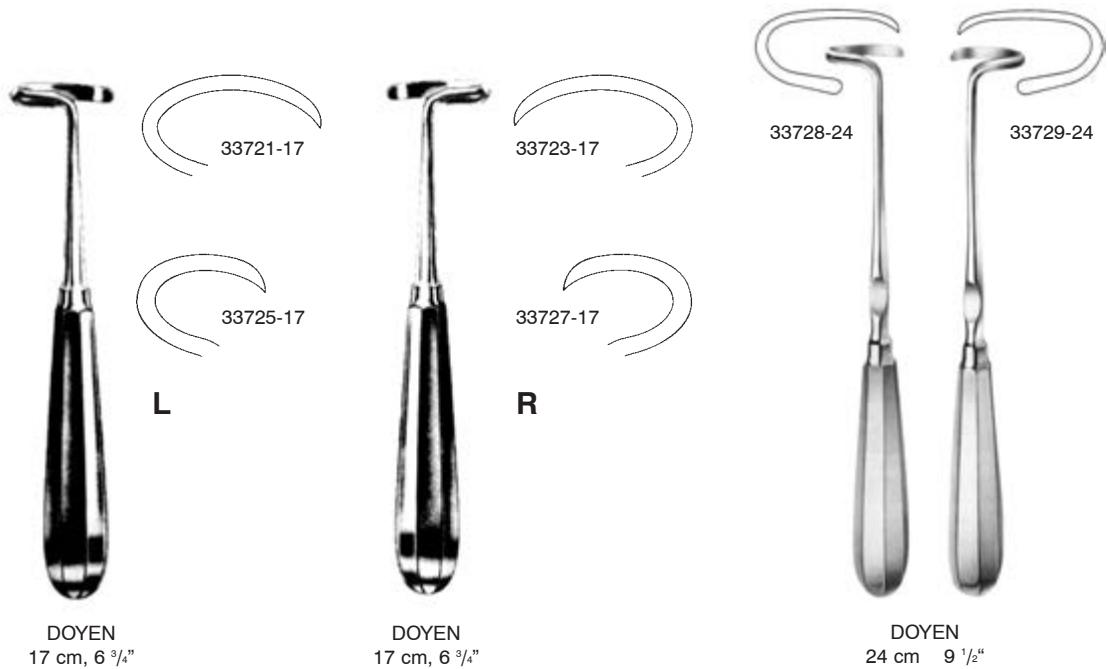


BOIES
33720-19
19 cm, 7 $\frac{1}{2}$ "

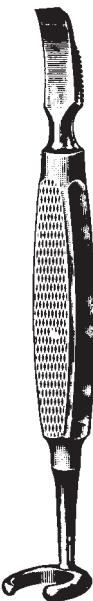


GORMAN
33720-21
21 cm, 8 $\frac{1}{4}$ "

Raspatoriens, Elevatoren
 Periosteal Elevators
 Periostótomas, Elevadores
 Periostotomi, Elevatori



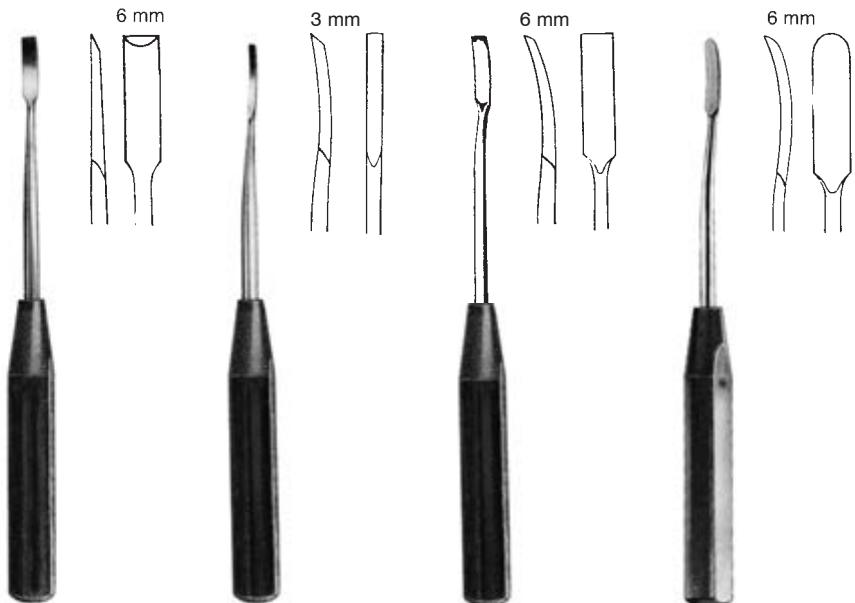
Elevatoren, Raspatoren
Elevators, Raspatories
Elevadores, Periostótomas
Elevatori, Periostotomi



MATSON-ALEXANDER
33731-22
22 cm, 8 3/4"



MATSON
33733-22
22 cm, 8 3/4"



mit Ferrozellgriff
with Ferrozell-Handle
con mango de Ferrozell
con manico di Ferrocell

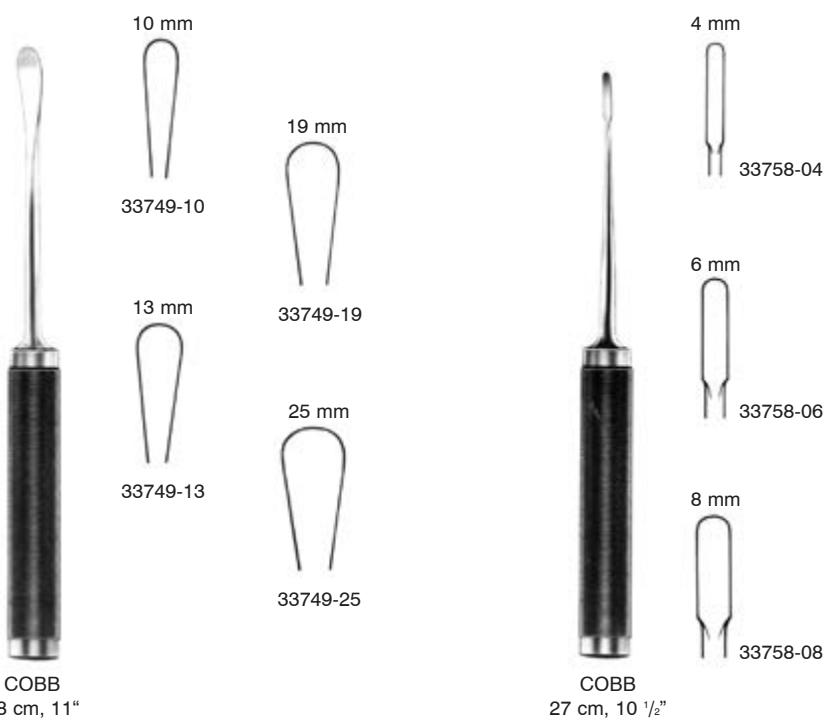
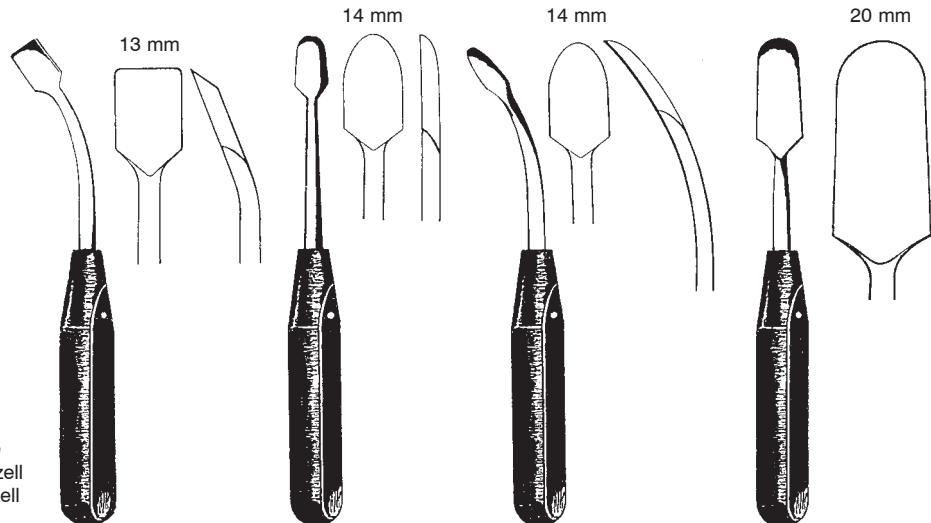
33740-19
19 cm, 7 1/2"

33741-18
18,5 cm, 7 1/4"

33742-18
18,5 cm, 7 1/4"

33743-18
18,5 cm, 7 1/4"

Elevatoren, Raspatoren
 Elevators, Raspatories
 Elevadores, Periostótomas
 Elevatori, Periostotomi



Elevatoren
Elevators
Elevadores
Elevatori



scharf
sharp
cortante
tagliente



stumpf
blunt
romo
smusso

SAYRE
17 cm, 6 $\frac{3}{4}$ "
33758-01

SAYRE
17 cm, 6 $\frac{3}{4}$ "
33758-02

Raspatoren, Knochenhebel, Dissektor
 Raspatories, Bone Levers, Dissectors
 Periostótomes para huesos, Dissectores
 Periostotomi, Elevatori per ossa, Dissettori



33754-17

33756-17

ADSON

17 cm, 6 3/4"



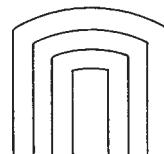
33755-17

33757-17

KEY

33759-06 - 33759-25

19 cm, 7 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 1/2"
33763-02	20,3 cm	8"
33763-03	22,9 cm	9"
33763-04	25,4 cm	10"

7 mm



33760-02

14 mm
33760-03

CREGO

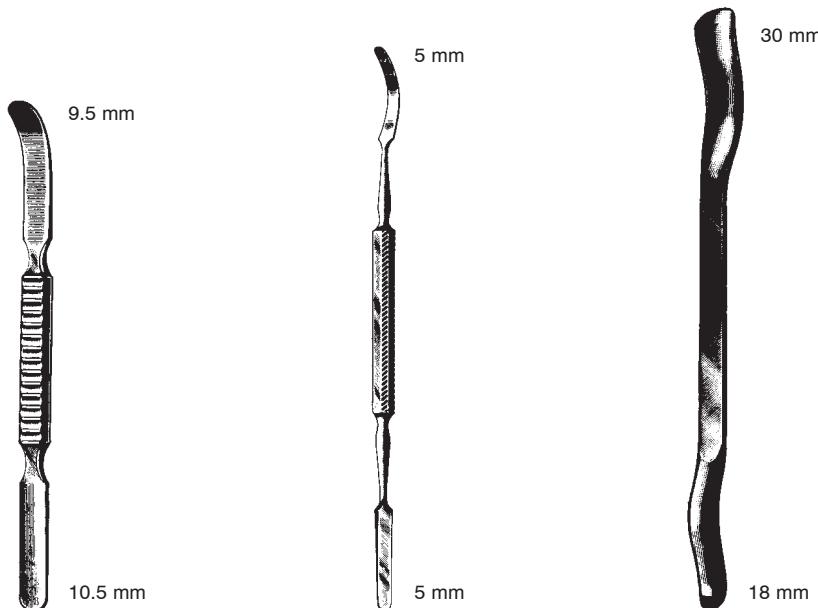
33760-01	20 cm	8"
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ALDERDYCE

33761-21	21 cm	8 1/4"
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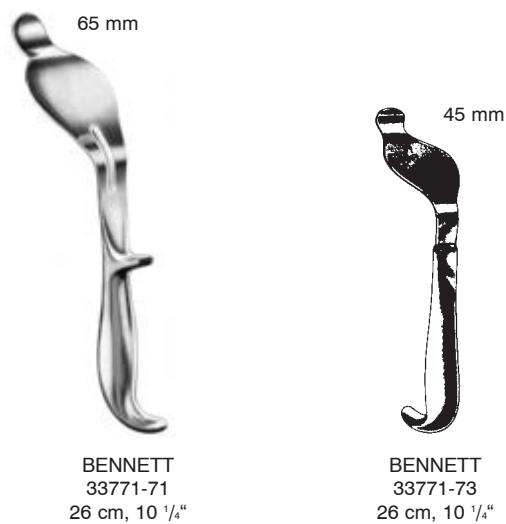
Elevatoren, Dissektor, Knochenhebel
 Elevators, Dissectors, Bone Levers
 Elevadores para huesos, Disectores
 Elevatori, Dissettori, Elevatori per ossa



WATSON-CHEYNE
 33765-17
 17,5 cm, 7"

MC DONALD
 33767-19
 19 cm, 7 1/2"

MURPHY-LANE
 33769-30
 30 cm, 11 3/4"



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
33801-08 8 mm
33801-12 12 mm

HOHmann
33801-18
18 mm, $\frac{3}{4}$ "

HOHmann
33801-43
43 mm, 1 $\frac{3}{4}$ "

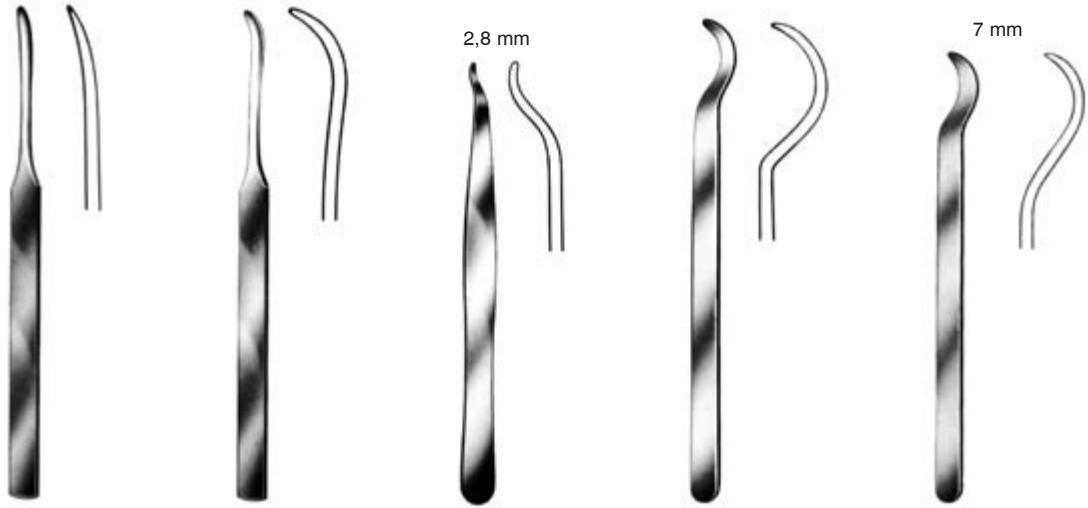
HOHmann
33801-70
70 mm, 2 $\frac{3}{4}$ "

4,5 mm

4,5 mm

5 mm

7 mm



KÖNIG
33802-01
15 cm, 6"

KÖNIG
33802-02
15 cm, 6"

33802-14
14 cm, 5 $\frac{1}{2}$ "

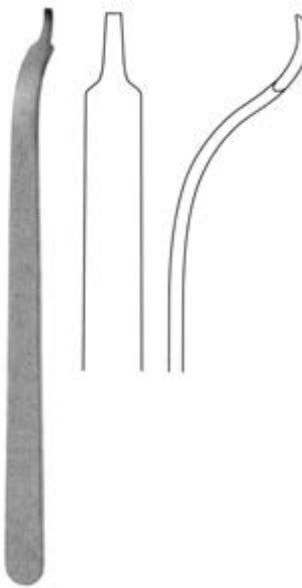
33803-05
15 cm, 6"

33803-07
15 cm, 6"

Knochenhebel
Bone Levers
Elevadores para huesos
Elevatori per ossa



HOHMANN
33803-43 43 mm



BUCK-GRAMCKO
33804-15 7,5 mm



HOHMANN
33805-22 22 mm

HOHMANN
33805-33 33 mm



HOHMANN
33807-24 24 mm

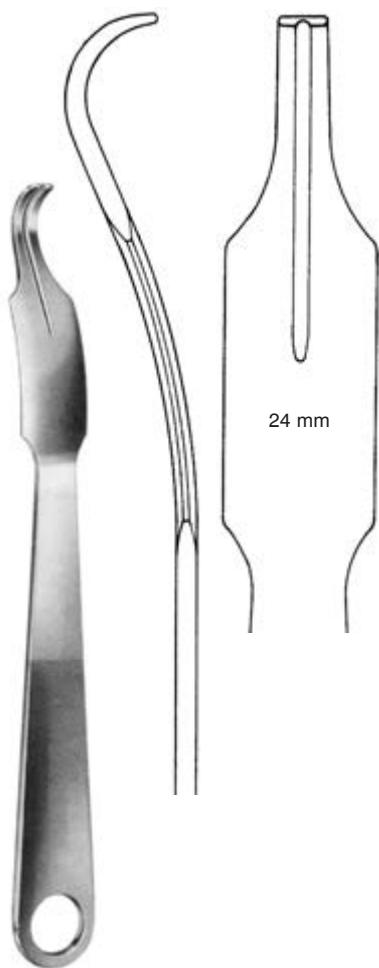
HOHMANN
33809-22 22 mm

Knochenhebel

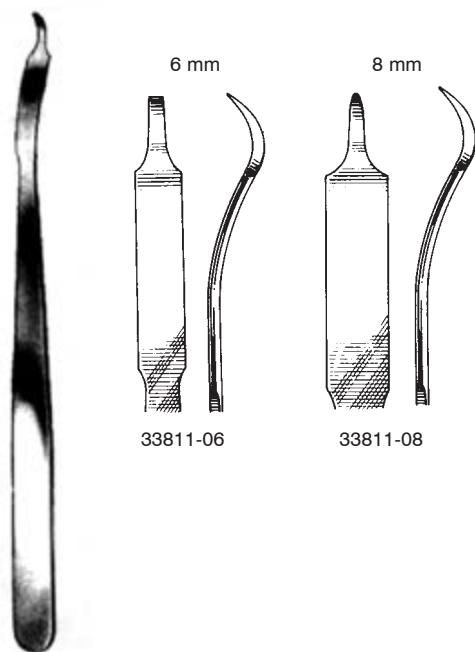
Bone Levers

Elevadores para huesos

Elevatori per ossa

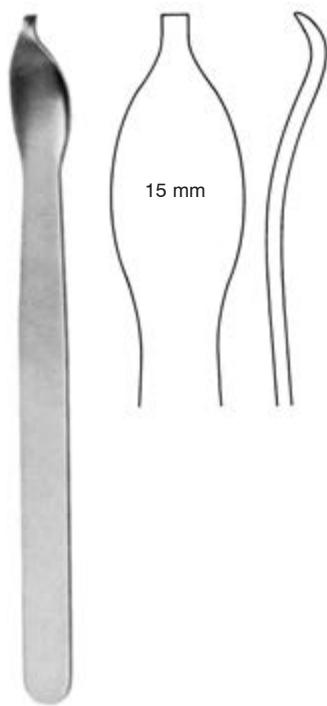


LANGE-HOHMANN
33810-24
25 cm, 10"

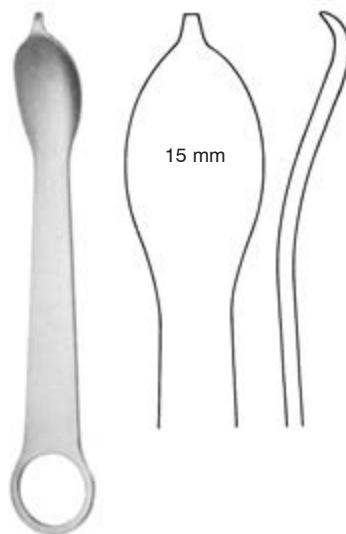


HOHMANN mini
16 cm, 6 1/4"

Knochenhebel
Bone Levers
Elevadores para huesos
Elevatori per ossa

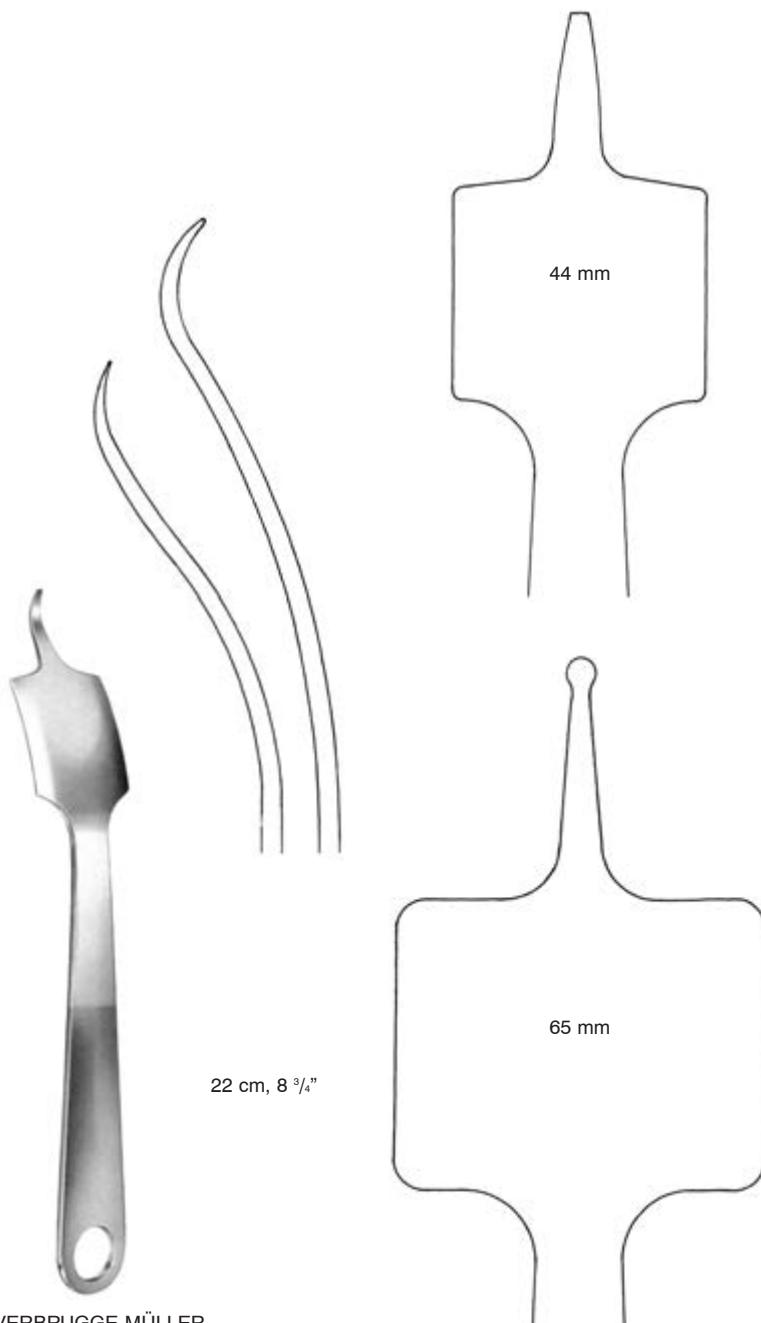


33812-16
16 cm, 6 1/4"



33813-12
12 cm, 4 3/4"

Knochenhebel
Bone Levers
Elevadores para huesos
Elevatori per ossa

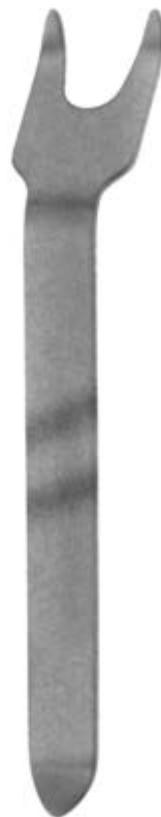


VERBRUGGE-MÜLLER
33814-44 24,0 cm, 9 1/2"
33814-65 25,5 cm, 10"

Knochenhebel
Bone Levers
Elevadores para huesos
Elevatori per ossa

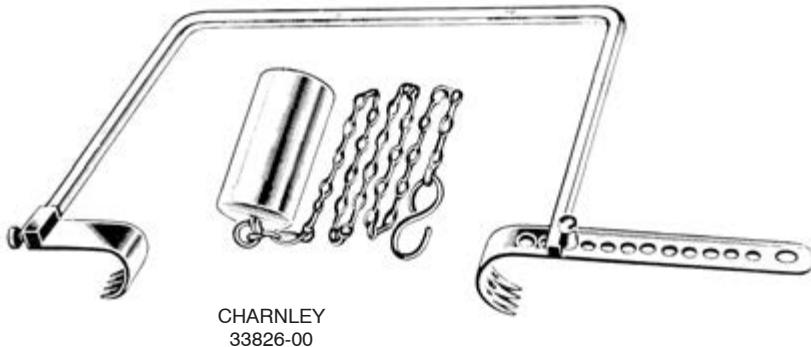


BLOUNT
33823-26
26 cm, 10 1/4"



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 1/2"

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



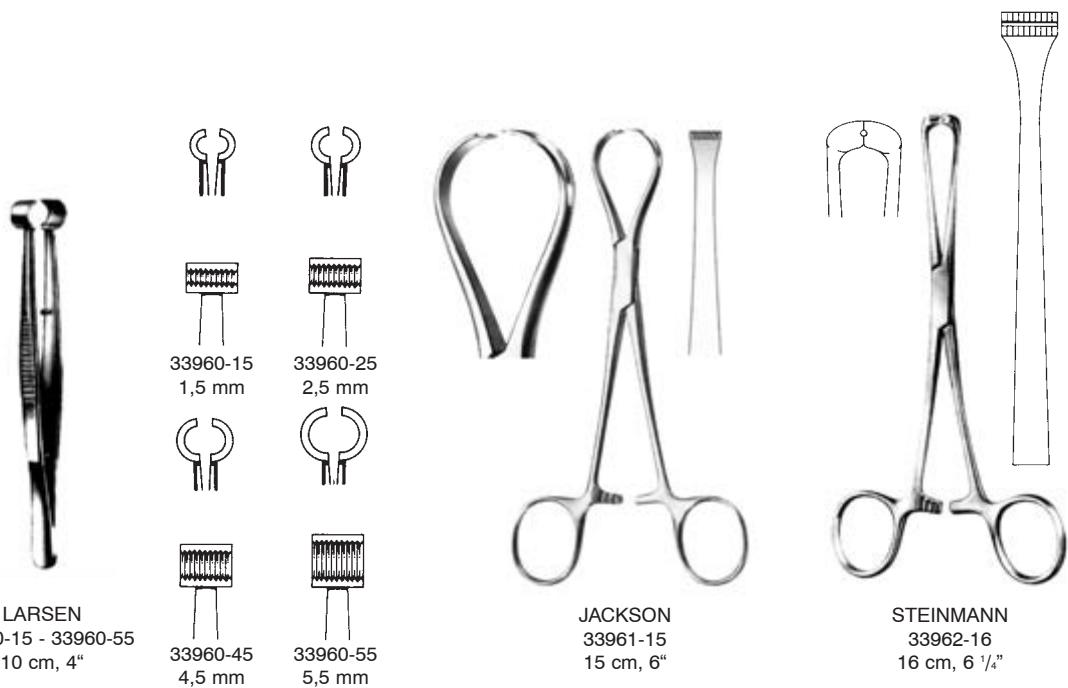
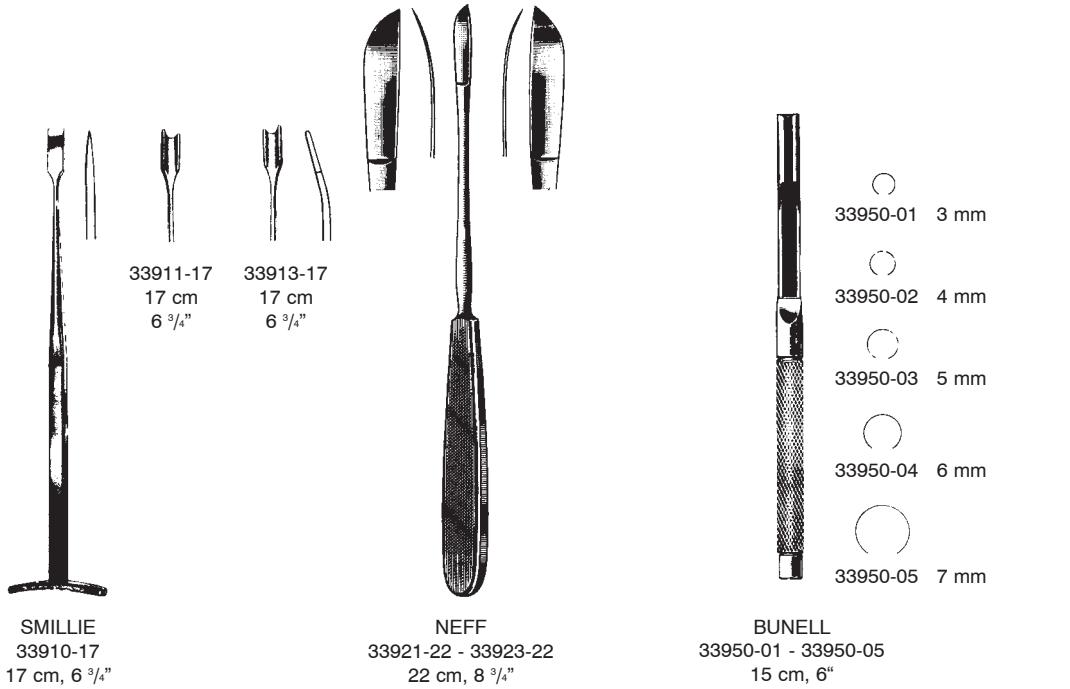
SMILLIE
 14 cm, 5 1/2"

32 x 19 mm
 33832-03

48 x 19 mm
 33832-04

57 x 19 mm
 33832-05

Sehnenschäler, Sehnenfaßpinzette, Sehnenhaltezange, Sehnenfaßinstrumente
 Tendon seizing instruments
 Instrumentos para coger tendones
 Enucleatore di tendine, Strumenti per afferrare tendini



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"

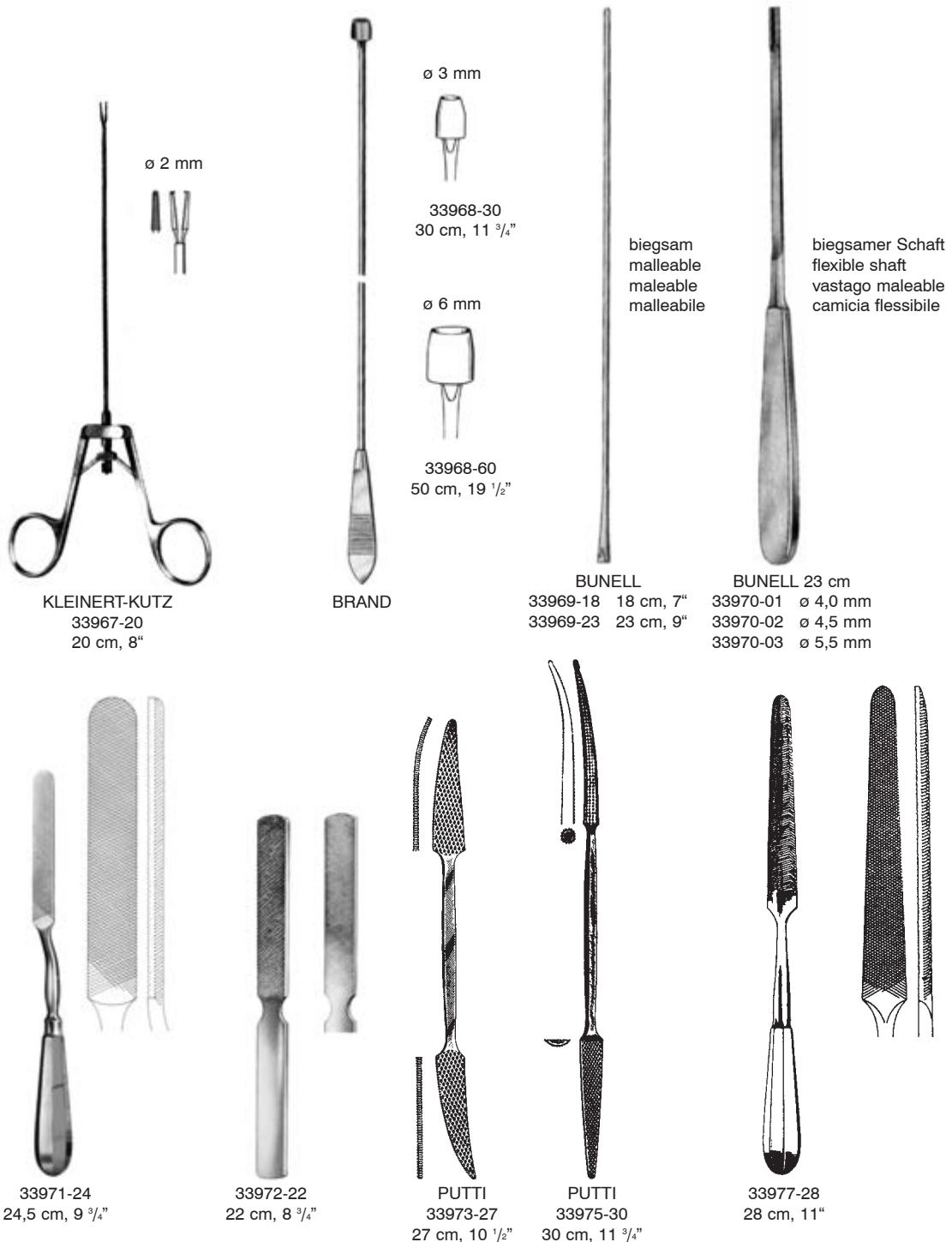


CAROLL
33966-11
11 cm, 4 3/8"



33966-15 15 cm, 6" 33967-15

Sehnenfassinstrumente, Sehnenstripper, Knochenfeilen, Raseln
 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



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
 Brazalete (brazo)
 Bracciale
 34101-06 incl.

34101-05
 Oberschenkelmanschette
 Cuff (leg)
 Brazalete (pierna)
 Cosciale
 34101-07 incl.

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 brazalete para brazo 46 x 6 cm (18" x 2.4")
 Bracciale per braccio superiore 46 x 6 cm (18" x 2.4")

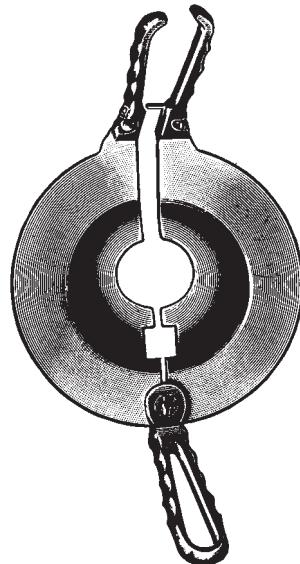
34101-07
 Polster für Oberschenkelmanschette 55 x 10 cm (21 1/2 x 10")
 Bandage cuff for leg 55 x 10 cm (21 1/2 x 10")
 Colchon para brazalete para el femur 55 x 10 cm (21 1/2 x 10")
 Bracciale per coscia superiore 55 x 10 cm (21 1/2 x 10")

Amputations- und Resektionssägen
 Amputation and Resection Saws
 Sierras para amputación y resección
 Seghe per amputazione e resezione

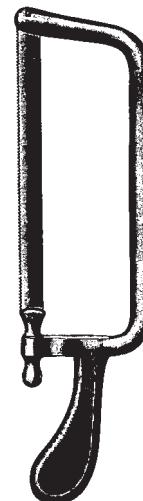
Staubbinde
 Compression bandage
 Vendaje de compresión
 Benda per compressione
 5 m lang / long
 6 cm breit / wide



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

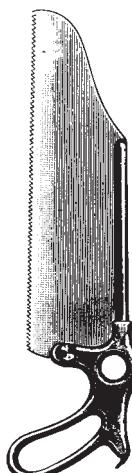


BIER
 34114-39
 40,5 cm, 16"

mit 3 Sägeblätter
 4 - 6 - 8 mm
 with 3 spare blade
 con 3 hojas de repuesto
 con 3 lame di ricambio



CHARRIERE
 34116-30
 30 cm, 11 3/4"



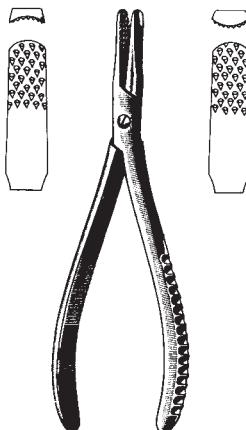
SATTERLEE
 34118-31
 31 cm, 12 1/4"

34118-99
 Sägeblatt
 blade
 hoja
 lama



LANGENBECK
 34120-23
 23 cm, 9"

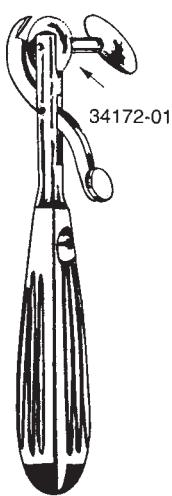
Nagelausreißzange, Fingerringssägen
 Fcps. f. tearing out finger nails, Finger Ring Saws
 Pinzas para arrancar uñas, Sierras para abrir anillos
 Pinze per lacerazione delle unghie, Seghe per anelli



RADOLF

34161-13 13,5 cm, 5 1/4" 3 mm

34162-13 13,5 cm, 5 1/4" 6 mm



34172-01

Sägeblatt
 Saw blade
 Hoja de sierra
 Lama di ricambio



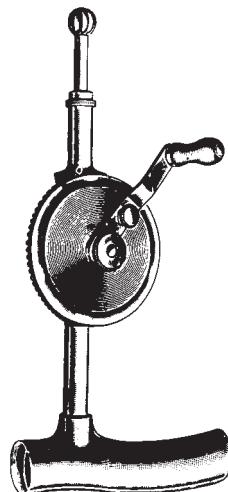
34175-01

Sägeblatt
 Saw blade
 Hoja de sierra
 Lama di ricambio

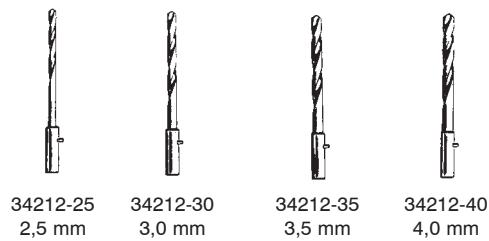
WALTON
 34172-00
 16 cm, 6 1/4"

REDA
 34175-00
 17 cm, 6 3/4"

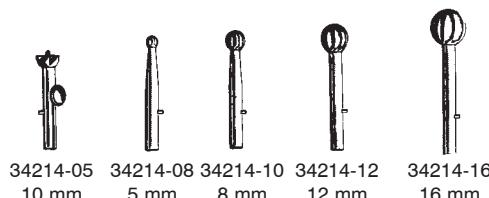
Bohrapparate, Bohrlochzange
 Bone Hand Drills, Forceps for Bone Hole
 Perforador de mano, Pinza de guía
 Perforatori a mano, Pinza per perforazione



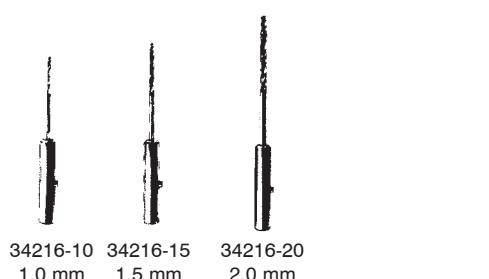
STILLE
 34210-20 20 cm, 8"
 compl. incl. 34212-25 - 34214-16



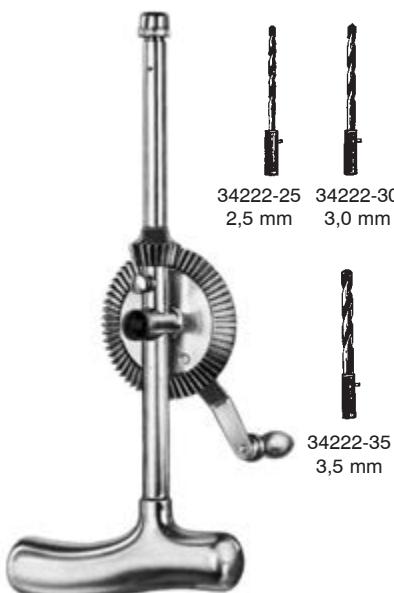
34212-25
 2,5 mm 34212-30
 3,0 mm 34212-35
 3,5 mm 34212-40
 4,0 mm



34214-05
 10 mm 34214-08
 5 mm 34214-10
 8 mm 34214-12
 12 mm 34214-16
 16 mm



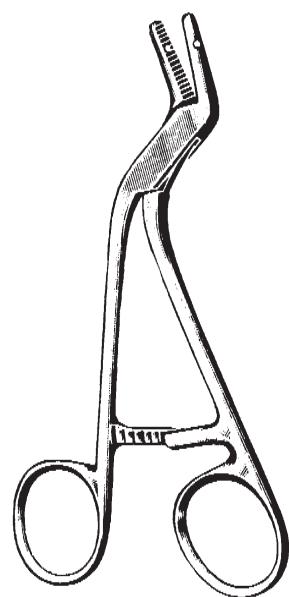
34216-10
 1,0 mm 34216-15
 1,5 mm 34216-20
 2,0 mm



STILLE-SHERMAN
 34220-24 24 cm, 9 1/2"
 compl. incl. 34222-25 - 34222-35



MOORE
 34230-28 28 cm, 11"
 compl. incl. 34232-00

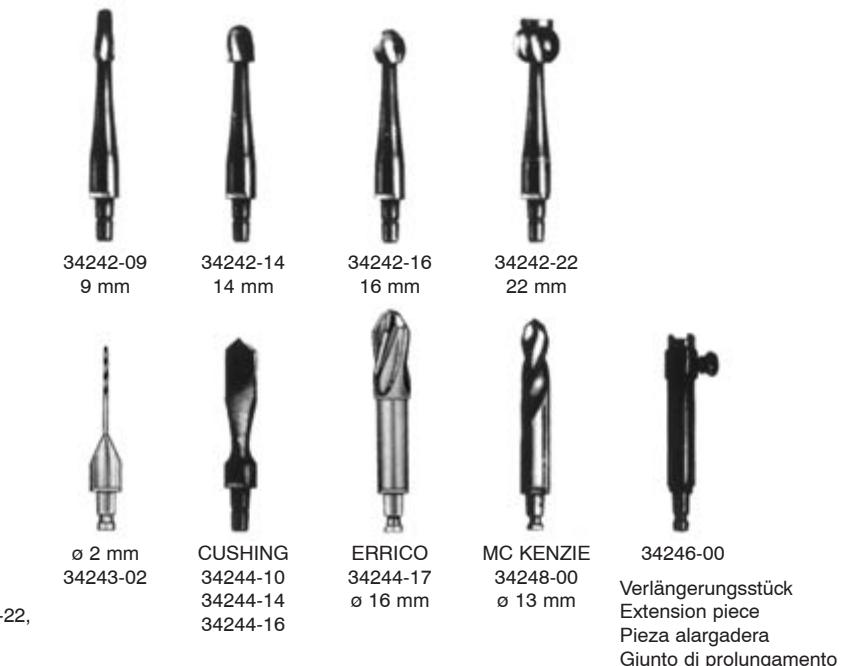


ADSON
 34231-15
 15 cm, 6"

Bohrapparate
Bone Hand Drills
Perforador de mano
Perforatori a mano



KIRSCHNER
34250-00 compl.



34241-00
Griff allein
Handle only
Mango solo
Manico solo

HUDSON
34240-27 27 cm, 10 1/2"
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

34243-02
ø 2 mm

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



34252-00



BUNELL
34270-00 16 cm, 6 1/4"

34270-01
Schlüssel
Wrench
Llave
Chiave

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.

Bohrapparate, Handgriffe
Bone Hand Drills, Handles
Perforador de mano
Perforatori a mano, manici



RALK
34280-00



REDA
34290-00



34295-00

Spannschlüssel allein
Key only
Llave suelta
Chiave solo



34296-00

Handgriff mit Jacobs-
spannfutter und Spann-
schlüssel 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

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.

Handbohrapparat mit umstellbarem Handgriff, mit Jacobs Dreibackenspannfutter und Schlüssel

Hand drill with adjustable handle, with Jacobs three-jaw-chuck 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 ganci di Jacobs e chiave



34296-05

T-Handgriff, verriegelbares
schlüssellooses 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 incluy-
endo llave, inox.

Mandrino a tre ganasce
con manico retto com-
pleto di chiave di arresto
inox



34296-15

"Hudson" T-Handgriff,
Schnellkupplung

Hudson T-handle with
fast gripping chuck

Mango en T, acople
rápido

Hudson: mandrino con
manico a T

Ganasce con raccordo
rapido



34296-20

Schnellkupplungs T-Handgriff,
groß

T-handle with fast gripping
chuck, large

Mango en T, acople rápido,
grande

Mandrino a T manico grande
Raccordo rapido

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



34296-30
 Schnellkupplungs-Handgriff
 groß mit Hartgewebegriff
 Handle, quick-action, large,
 handle made of very hard fibre
 Mango de acople rápido,
 grande, de material extraduro
 Mandrino grande rapido con
 manico a fibre dure



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



\varnothing			
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	



\varnothing			
1,0 mm	180 mm	34321-10	
1,5 mm	180 mm	34321-15	
2,0 mm	180 mm	34321-20	
2,5 mm	180 mm	34321-25	
2,7 mm	180 mm	34321-27	
3,0 mm	180 mm	34321-30	
3,2 mm	180 mm	34321-32	
3,5 mm	180 mm	34321-35	
4,0 mm	180 mm	34321-40	
4,5 mm	180 mm	34321-45	
5,0 mm	180 mm	34321-50	
6,0 mm	180 mm	34321-60	
6,5 mm	180 mm	34321-65	
7,0 mm	180 mm	34321-70	
8,0 mm	180 mm	34321-80	
9,0 mm	180 mm	34321-90	
10,0 mm	180 mm	34322-00	

Spiralbohrer mit Glattschaft
Twist Drills with round end
Taladros espirales con vástago redondo
Perforatore elicoidale

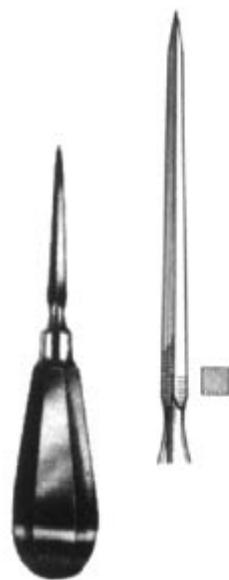
Spiralbohrer mit Glattschaft langes Modell
Twist Drills, long type
Taladros espirales, largos
Perforatore elicoidale, modello lungo



\varnothing			
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

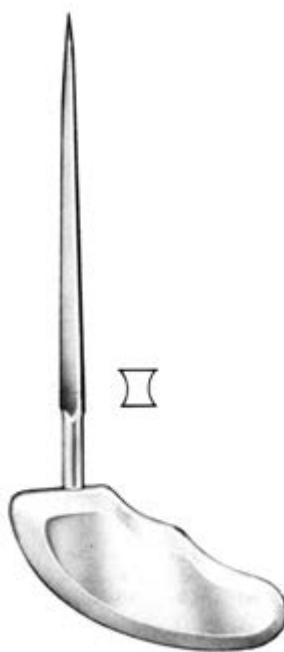
Pfrieme, Reibahle
Awl, Reamer
Escariadores
Lesine, Punteruoli



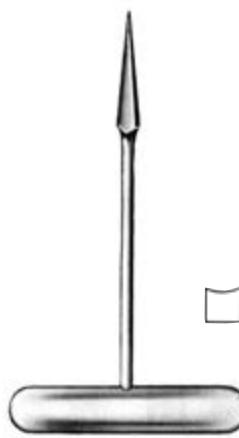
34392-14
14 cm, 5 1/2"



PERTHES
34393-18
18 cm, 7"

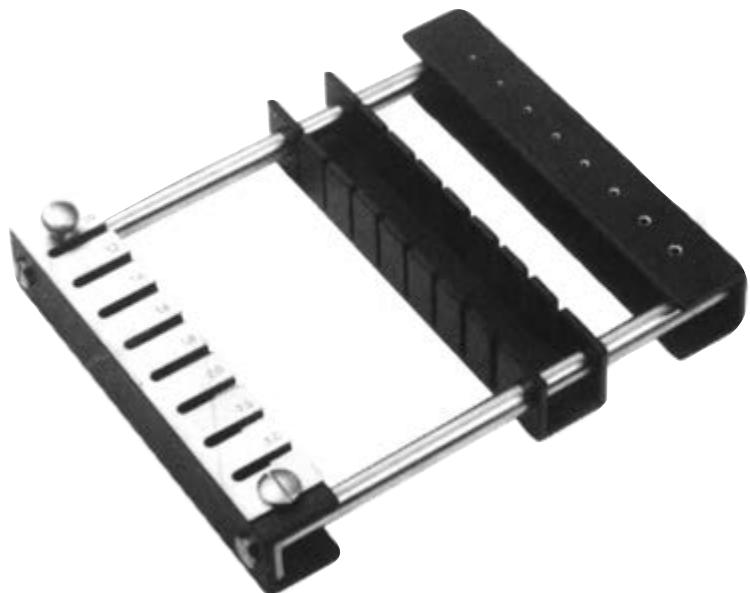


PERTHES
34393-21
21 cm, 8 1/4"



34394-14
14 cm, 5 1/2"

Faßpinzette, Bohrdrahtspender
Grasping forceps, Support for sterilisation
Pinzas para coger, Soporte de esterilización
Pinze per afferrare, 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**

Trokarspitze / Trocar point
Punta trocar / Punte trequarti

\varnothing	10 cm, 4"	15 cm, 6"	31 cm, 12 $\frac{1}{4}$ "
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

lieferbar in Packungen à 10 Stück
available in packages of 10 pieces
disponible en paquetes de 10 unidades
disponibili solo in confezioni da 10 pezzi

Trokarspitze / Trocar point
Punta trocar / Punte trequarti

\varnothing	10 cm, 4"	15 cm, 6"	31 cm, 12 $\frac{1}{4}$ "
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 piano / con estremo piatto

Trokarspitze / Trocar point
Punta trocar / Punte trequarti

\varnothing	10 cm, 4"	15 cm, 6"	31 cm, 12 $\frac{1}{4}$ "
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
Trokarendé / Trocar shaft
Punta trocar / Punte trequarti Bilaterali

Lanzenspitze / Lance point
Punta lanceolar / Punte lanceolata

\varnothing	31 cm, 12 $\frac{1}{4}$ "
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 piano / con estremo piatto

lieferbar in Packungen à 10 Stück
 available in packages of 10 pieces
 disponible en paquetes 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

Lanzenspitze / Lance point
 Punta lanceolar / Punta lanceolata

\emptyset	31 cm, 12 $\frac{1}{4}$ "
0,8	34411-08
0,9	34411-09
1,0	34411-10
1,1	34411-11
1,2	34411-12
1,3	34411-13
1,4	34411-14
1,5	34411-15
1,6	34411-16
1,7	34411-17
1,8	34411-18
1,9	34411-19
2,0	34411-20
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

Trokarspitze / Trocar point
 Punta trocar / Punta trequarti

\emptyset	3,5 mm	4,0 mm	4,5 mm	5,0 mm	6,0 mm
8 cm, 3 $\frac{1}{8}$ "	34412-08	34412-08	34413-08	34415-08	34417-08
10 cm, 4"	34412-10	34413-10	34415-10	34417-10	34419-10
12 cm, 4 $\frac{3}{4}$ "	34412-12	34413-12	34415-12	34417-12	34419-12
14 cm, 5 $\frac{1}{4}$ "	34412-14	34413-14	34415-14	34417-14	34419-14
16 cm, 6 $\frac{1}{4}$ "	34412-16	34413-16	34415-16	34417-16	34419-16
18 cm, 7"	34412-18	34413-18	34415-18	34417-18	34419-18
20 cm, 8"	34412-20	34413-20	34415-20	34417-20	34419-20
22 cm, 8 $\frac{3}{4}$ "	34412-22	34413-22	34415-22	34417-22	34419-22
23 cm, 9"	34412-23	34413-23	34415-23	34417-23	34419-23
24 cm, 9 $\frac{1}{2}$ "	34412-24	34413-24	34415-24	34417-24	34419-24
26 cm, 10 $\frac{1}{4}$ "	34412-26	34413-26	34415-26	34417-26	34419-26
28 cm, 11"	34412-28	34413-28	34415-28	34417-28	34419-28
30 cm, 11 $\frac{3}{4}$ "	34412-30	34413-30	34415-30	34417-30	34419-30

Steinmann
 mit rundem Ende / with round shaft
 con extremo redondo / con estremo rotondo

Trokarspitze / Trocar point
 Punta trocar / Punte trequarti

\emptyset	0	0	0	0	0
	3,5 mm	4,0 mm	4,5 mm	5,0 mm	6,0 mm
8 cm, 3 $\frac{1}{8}$ "	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 $\frac{3}{4}$ "	34420-12	34421-12	34423-12	34425-12	34427-12
14 cm, 5 $\frac{1}{2}$ "	34420-14	34421-14	34423-14	34425-14	34427-14
16 cm, 6 $\frac{1}{4}$ "	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 $\frac{3}{4}$ "	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 $\frac{1}{2}$ "	34420-24	34421-24	34423-24	34425-24	34427-24
26 cm, 10 $\frac{1}{4}$ "	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 $\frac{3}{4}$ "	34420-30	34421-30	34423-30	34425-30	34427-30

Steinmann
 Trokarende / Trocar shaft
 Punta trocar / Punte trequarti Bilateriali

Knochennägel
Fracture pins
Clavos para huesos
Chiodi per ossa

lieferbar in Packungen à 10 Stück
available in packages of 10 pieces
disponible en paquetes de 10 unidades
disponibili solo in confezioni da 10 pezzi

Trokarspitze / Trocar point
Punta trocar / Punta tre quarti



	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



mit Gewinde threaded Wires	Ø	15 cm, 6"	18 cm, 7"	20 cm, 8"	23 cm, 9"	25 cm, 10"	31 cm, 12 1/4"
con rosca	1,6	34436-16	34437-16	34438-16	34439-16	34440-16	34441-16
con filetto	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 paquetes de 10 unidades
 disponibili solo in confezioni da 10 pezzi

Knochennägel
 Fracture pins
 Clavos para huesos
 Chiodi per ossa

Trokarspitze / Trocar point
 Punta trocar / Punta tre quarti

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 1/4"
mit Gewinde	1,6	34442-16	34443-16	34444-16	34445-16	34446-16	34447-16
threaded Wires	1,8	34442-18	34443-18	34444-18	34445-18	34446-18	34447-18
con rosca	2,0	34442-20	34443-20	34444-20	34445-20	34446-20	34447-20
con filetto	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 tre quarti

Bohrdrahtspender
 K-Wire Dispenser
 Dispensador para brocas filiformes
 Distributore per fili

33 cm, 13"



17 cm, 6 3/4"



12 cm, 4 3/4"



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

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

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

Fingerschützer, Drahtgeflecht
 Finger Protectors, Wire gauze
 Dedales, Gasa metálica
 Proteggidita, maglia metallica per estensione



34480-01

34480-02

34480-03

LANGENBECK
 34480-01 - 34480-03



34492-01
 klein / small / pequeño / stretto

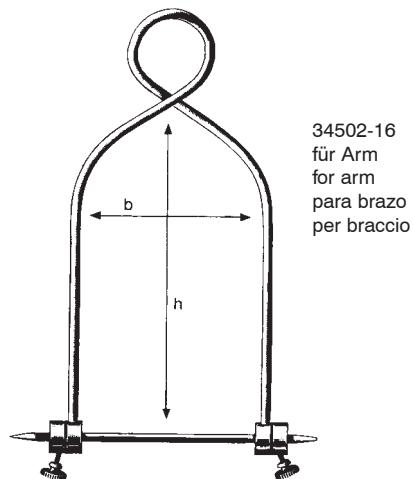
34492-02
 mittel / medium / mediano / medio

34492-03
 groß / large / grande / grande

34492-01 - 34492-03

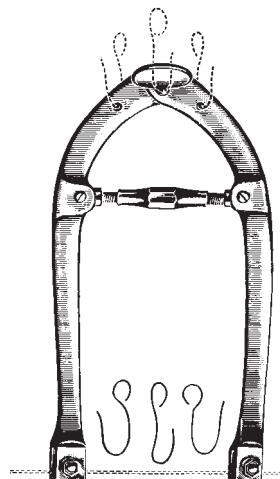
sterilisierbar
 sterilizable
 esterilizable
 sterilizzabile

Extensionsbügel
Extension Bows
Estríbos 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"

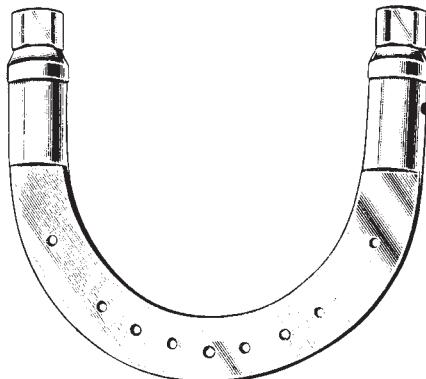


KIRSCHNER

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

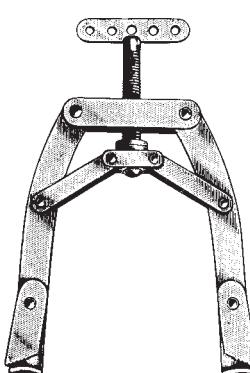
34514-18 40 - 140 mm x 115 mm mit 3 Zughaken
with 3 hooks
con 3 ganchos
con 3 ganci per trazione

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"



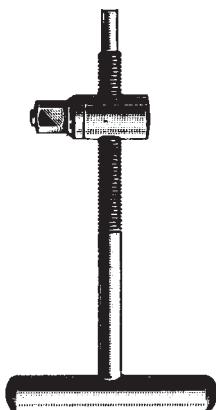
KIRSCHNER U.S.

34518-01
mittel, medium, mediano, max. 130 mm (5 1/8")
34518-02
groß, large, grande, grande, max. 185 mm (7 1/4")
34518-03
extra groß, large extra long, muy grande, max. 220 mm (8 3/4")

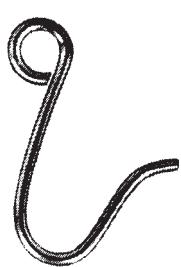
Spannschlüssel, Zughaken
Tightening wrench, hooks
Llave tensora, ganchos
Chiave, ganci per trazione



34515-01



34515-02

KIRSCHNER
34519-01KIRSCHNER
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

Drahtumführungsstäbe, Drahtspanninstrumente
 Bone wire guides, Bone wire tighteners
 Agujas pasa-hilos, Tensor cierra-hilos
 Aghi passafili, Strumenti tendifili



DEMEL
 27 cm, 10 1/2"
 Fig. 1 34528-01
 Fig. 2 34528-02
 Fig. 3 34528-03

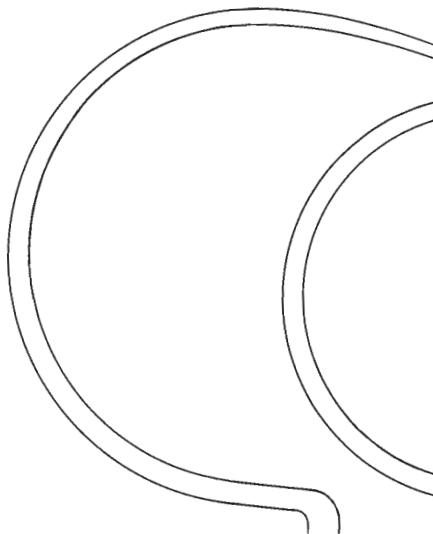


Fig. 1

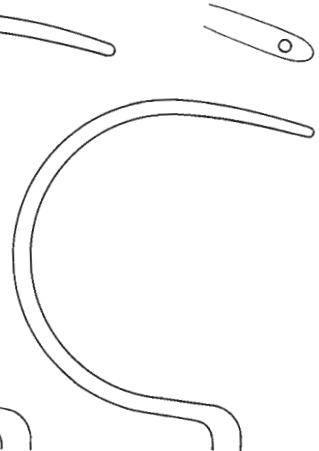


Fig. 2

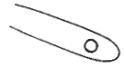
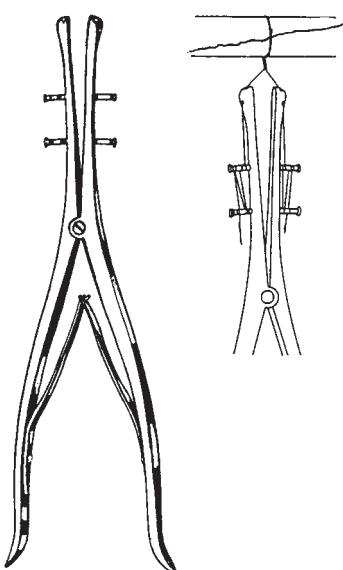


Fig. 3



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



17 cm, 6 3/4"
 34533-17

GRIP
 18 cm, 7"
 34534-18

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"

18 cm, 7"

Flachzangen, Drahtkneifzangen
 Flat Nose Pliers, Wire cutting Pliers
 Alicates planos, Alicates para cortar alambres
 Tenaglie piatte, Tenaglie tagliafili



34540-01



34540-02



17 cm, 6 3/4"



34540-16
 16 cm, 6 1/4"
 soft wire 2,0 mm



34540-18
 18 cm, 7"



34540-19
 18 cm, 7"



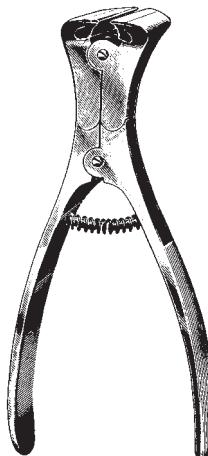
34540-20
 20 cm, 8"

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 taglienti, Tenaglie per afferrare i fili

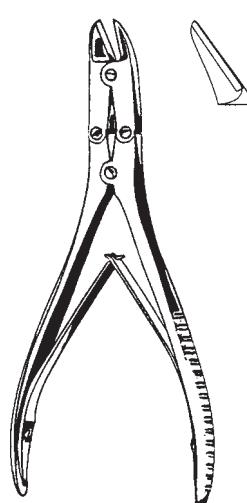


für harten Draht bis
2,2 mm Ø
for hard wires up to
2,2 mm Ø
para hilos duros
hasta 2,2 mm Ø
per fili duri a
2,2 mm Ø

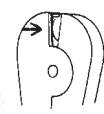
für weichen Draht bis
2,5 mm Ø
for soft wires up to
2,5 mm Ø
para hilos blandos
hasta 2,5 mm Ø
per fili dolci fino a
2,5 mm Ø

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



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

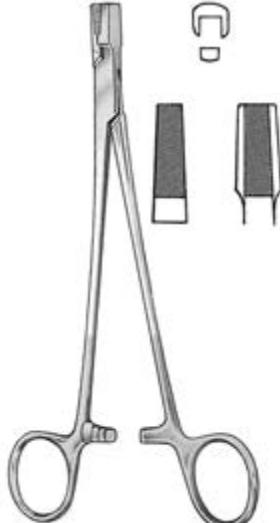
34545-22 TC 22 cm, 8 3/4"

34546-16 TC 16 cm, 6 1/4"
34546-18 TC 18 cm, 7"

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"

34554-18 TC 18 cm 7"

34554-20 TC 20 cm 8"

34555-15 TC

34555-18 TC

34555-20 TC

Drahtkneifzange

Pin cutter

Alicate para cortar clavos

Gigliottina per tagliare fili fino



34557-22 22 cm, 8 1/4"
 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 perforatori fino a 3 mm
Placche taglienti al TC intercambiabili
Ganasce in gomma intercambiabili
Completamente sterilizzabili

Ersatzteilssets
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 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 perforatori fino a 2,5 - 4,0 mm
Placche taglienti al TC intercambiabili
Ganasce in gomma intercambiabili
Completamente sterilizzabili

Ersatzteilssets
Spare Part Sets
Juegos de recambios
Set per parti di ricambio



34547-02

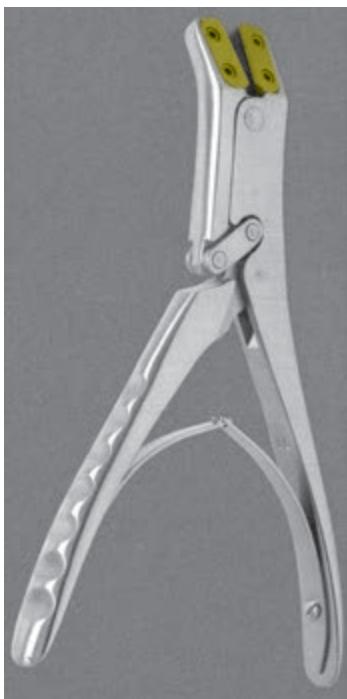
1 Paar Hartmetallschneiden / 2 Paar Schrauben / 1 Inbusschlüssel
1 pair of TC-blades / 2 pairs of screws / 1 Allen key
1 par de placas de tungsteno / 2 pares de tornillos / 1 llave hexagonal
1 Paio di placche TC / 2 Paio di viti da fissaggio / 1 chiave esagonale



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 ganasce in gomma / 1 Paio di viti da fissaggio

Drahtkneifzange
Wire Cutter
Alicate para alambre
Tronchese tagliafili



für Rechtshänder / for right-handers /
para la mano derecha / per mano destra

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 0 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

Ersatzteilssets
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
f.p. Ø 2,4 mm



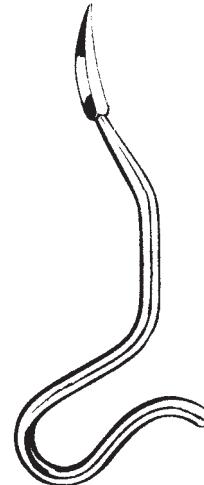
34562-32
3,2 mm



34562-48
4,8 mm



34562-64
6,4 mm



KÜNTSCHER 26 cm, 10 1/4"
 34570-01 8 mm
 34570-02 10 mm

Ein- und Ausschlaginstrumente für Ender-Nägel
 Driver-extractors for Ender nails
 Impactores-Extractores para clavos de Ender
 Impattatore-Estrattore per chiodi di Ender

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



KUENTSCHER 19 cm, 7 1/2"
 Fertigschläger
 Nail impactors
 Impactor final
 Impattatore finale

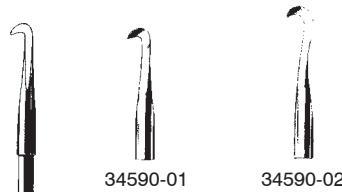
für Nägel
 for nails
 para clavos
 per chiodi

Ø 6-8 mm
 34588-01

Ø 9-12 mm
 34588-02

Ø 12-17 mm
 34588-03

Instrumentarium für Küntscher Nägel
 Instruments for Küntscher Nails
 Instrumental para Clavos Küntscher
 Strumentario per chiodi di Küntscher



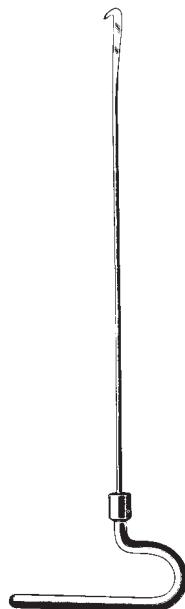
34590-01

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"	



Markraumbohrer
 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



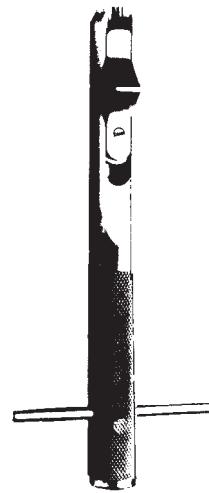
Einschläger / Nail Inserter
Introductor clavos / Impattatore
34612-00



Impactor
34613-00



BENDER
34615-00



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



34624-04

WILLIAMS
24 cm, 9 1/2"



34628-01
25 cm, 10"



34628-02
25 cm, 10"



34629-01
25 cm, 10"



mit Ferrozellgriff
with Ferrozell handle
con mango de Ferrozell
con manico di Ferrozell



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



Schraubenhaltehülse für Sechskantschrauben

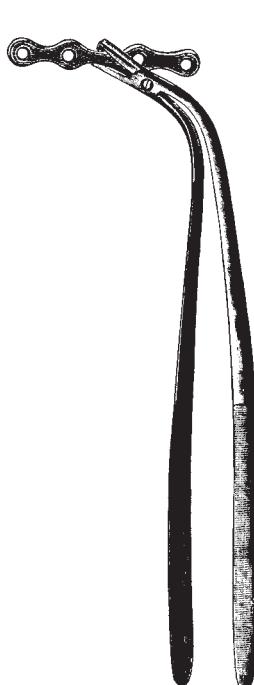
Screw holder

Vaina para tornillos

Guaina per viti esagonali

34634-35 3,5 mm

Haltezangen, Biegehebel
 Holding Forceps, Bender
 Pinzas para sostener placas y tornillos, Palanca
 Pinza portaplacca, leva piega placche



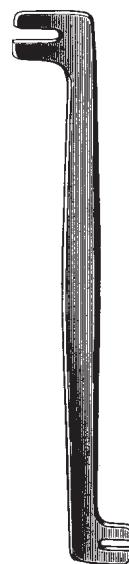
LANE
 34637-23 23 cm, 9"

Knochenplatten-Haltezange
 Plate Holding Forceps
 Pinza para sostener placas
 Pinza portaplacche



LANE
 34639-22 22 cm, 8 3/4"

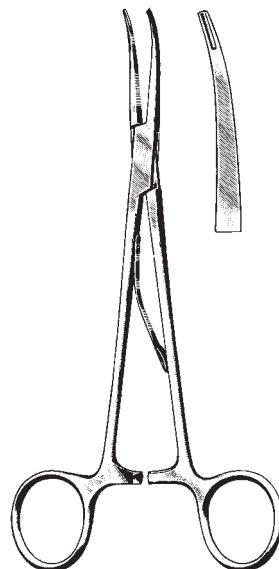
Schraubenhaltezange
 Screw Holding Forceps
 Pinza para sostener tornillos
 Pinza portaviti



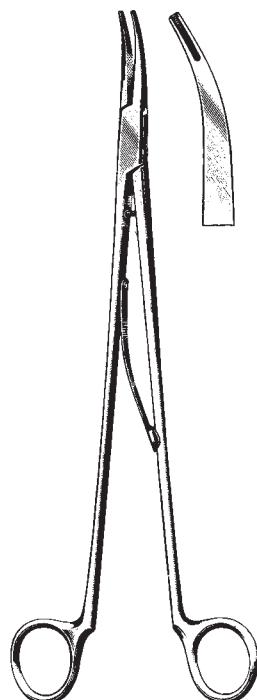
LANE
 34640-18 18 cm, 7"

Biegehebel f. Knochenplatten
 Plate Bender
 Palanca para doblar placas
 Leva piegaplacche

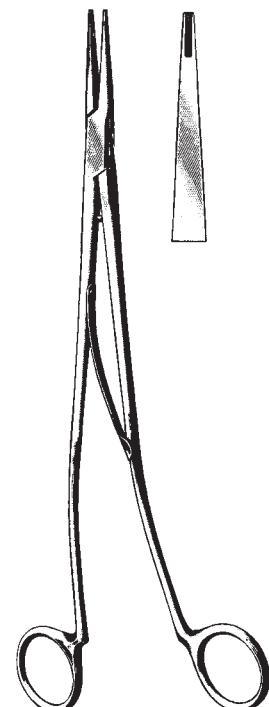
Anlegezangen, Silberklammern
 Applying Fcps. Clips
 Pinzas aplicadoras, Grapas
 Pinza per applicare, Agrafes



McKENZIE
 41011-15 15 cm, 6"
 41011-19 19 cm, 7 1/2"



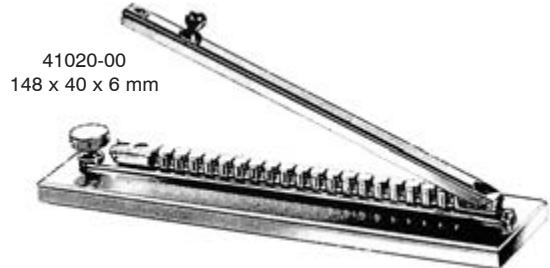
SMITHWICK
 41015-23 23 cm, 9"
 41015-26 26 cm, 10 1/4"



SWEET
 41017-23 23 cm, 9"
 41017-26 26 cm, 10 1/4"

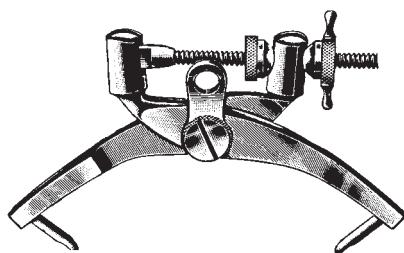


OLIVECRONA-TOENNIS
 41019-14



41021-00
 (100 pcs.)

Schädelhalter, Kopfhautklammer, Anlegezange
 Cervical Traction Tongs, Clips, Applying Forceps
 Pinzas de tracción craneal, 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"



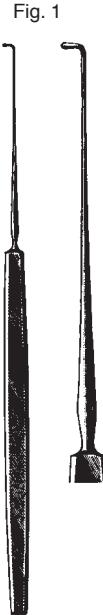
DANDY
 41052-20
 20 cm, 8"



DANDY
 41053-20
 20 cm, 8"



CRILE
 41054-20
 20 cm, 8"



CUSHING
 41056-18 18 cm, 7"
 41056-28 28 cm, 11"



CUSHING
 41058-18 18 cm, 7"
 41058-28 28 cm, 11"

Fig. 1

Fig. 2

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"

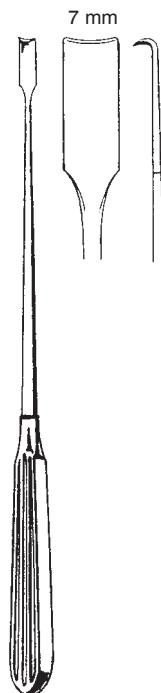


ADSON
41069-20
20 cm, 8"

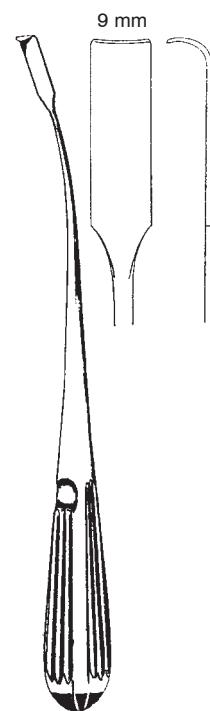


SMITHWICK
41070-29
29 cm, 11.4"

Nervwurzelhaken
 Nerve Root Retractors
 Separadores de raiz de nervios
 Uncini per le radici dei nervi



SCOVILLE
 41074-23
 23 cm, 9"



HOLSHER
 41075-24
 24 cm, 9 1/2"

9 cm, 3 1/2"



41076-03
 3 mm

41076-04
 4 mm

41076-05
 5 mm

41076-07
 7 mm

HESS
 17,5 cm, 7"

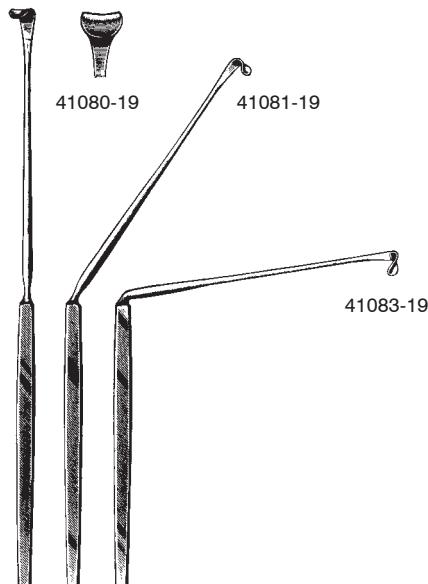
Nervwurzelhaken
Nerve Root Retractors
Separadores de raíz de nervios
Uncini per le radici dei nervi



D'ERRICO
41078-23
23 cm, 9"

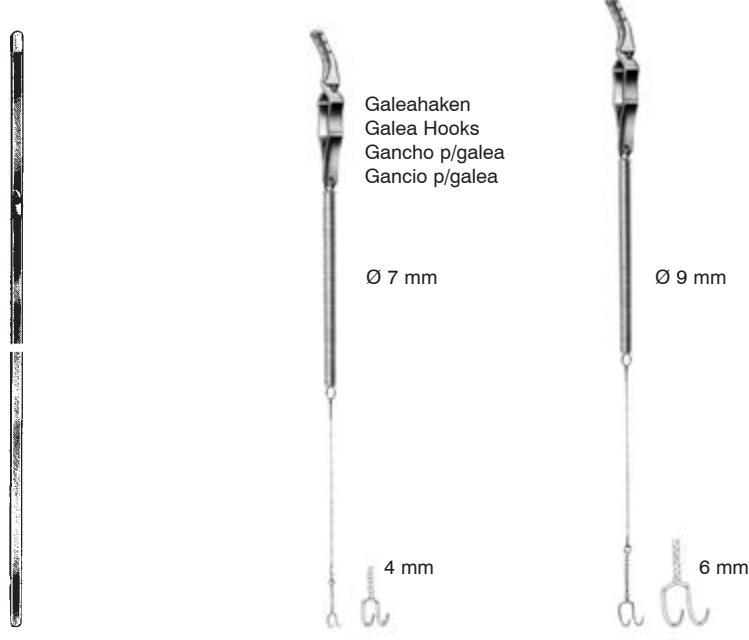
LOVE
41079-21
21 cm, 8 1/4"

Nervwurzelhaken, Galeahaken
 Nerve Root Retractors, Galea Hooks
 Separadores de raiz 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"

YASARGIL
 41091-31
 31 cm, 12 1/4"

YASARGIL
 41091-41
 41 cm, 16"

Schädelstanze
Cranial Punch
Pinzas sacabocado craneal
Pinza per craniotomia



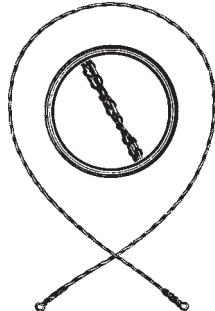
CONE
41097-22
22,5 cm 9"

Drahtsägen, Schädelzange, Dura Dissektoren

Wire Saws, Skull Punches, Dura Dissectors

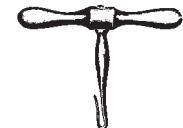
Sierras de hilo, Pinzas sacabocado craneal, Elevadores para la duramadre

Fili sega, Pinza per craniotomia, Scollatori per duramadre

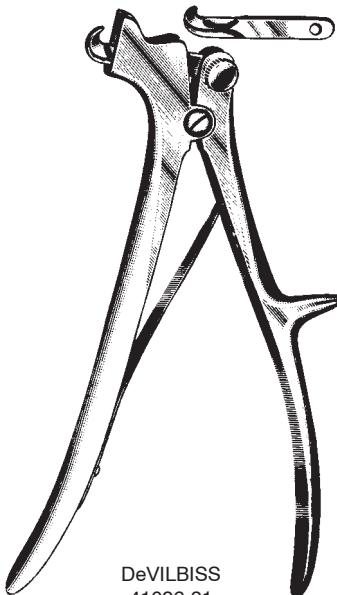


OLIVECRONA cm

41092-30	30, 11 $\frac{3}{4}$ "
41092-40	40, 15 $\frac{3}{4}$ "
41092-50	50, 19 $\frac{3}{4}$ "
41092-60	60, 23 $\frac{3}{4}$ "
41092-70	70, 27 $\frac{1}{2}$ "



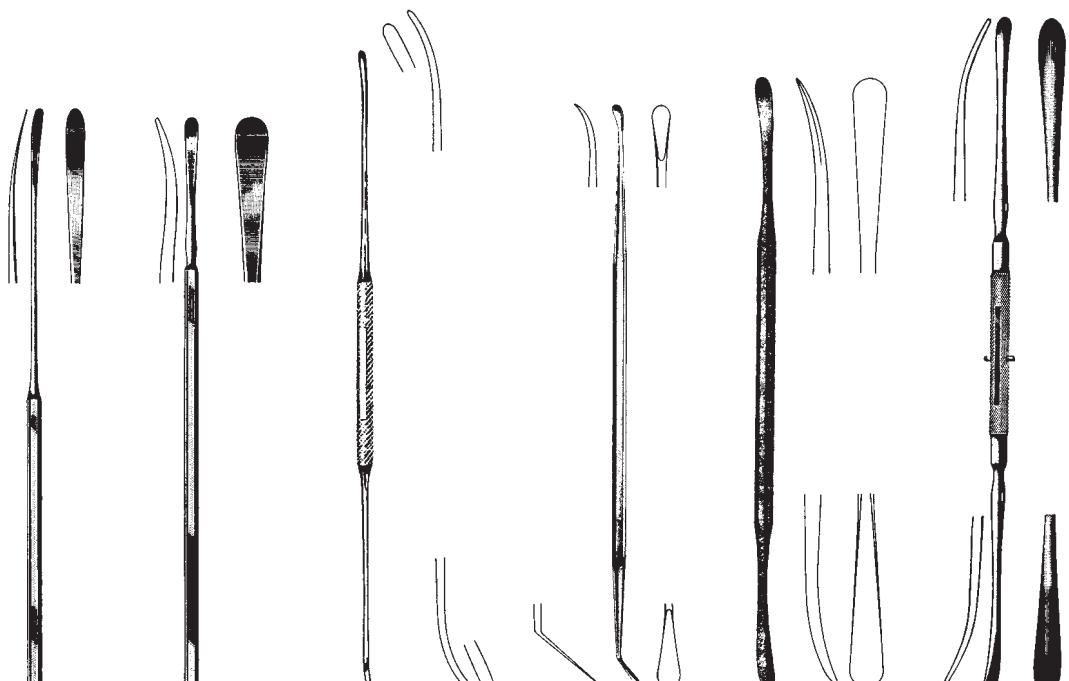
GIGLI
41094-00
Drahtsägen-Handgriff
Wire Saw Handle
Mango de gancho
Manico con uncino



DeVILBISS
41096-21
21 cm, 8 $\frac{1}{4}$ "



TOENNIS
41141-25
25 cm, 10"



SACHS

41143-21
21 cm, 8 $\frac{1}{4}$ "

SACHS

41145-21
21 cm, 8 $\frac{1}{4}$ "

OLIVECRONA

41146-18 18 cm, 7"
41146-24 24 cm, 9 $\frac{1}{2}$ "

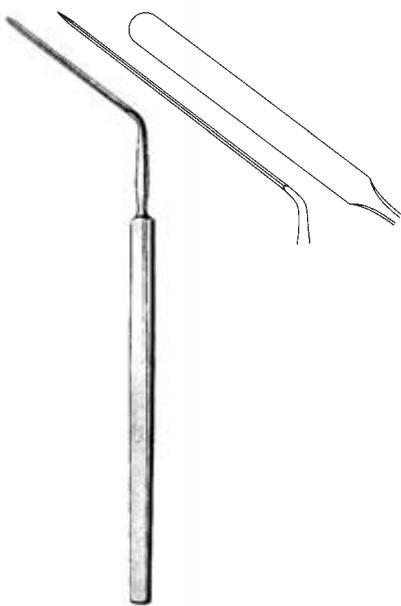
MILLIGAN

41147-21
21 cm, 8 $\frac{1}{4}$ "

DAVIS

41151-24
24 cm, 9 $\frac{1}{2}$ "

Dura Dissektoren
 Dura Dissectors
 Elevadores
 Scollatori



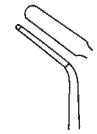
HORSLEY
 41155-20
 20 cm, 8"



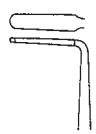
WOODSON
 41156-18
 18 cm, 7"



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"

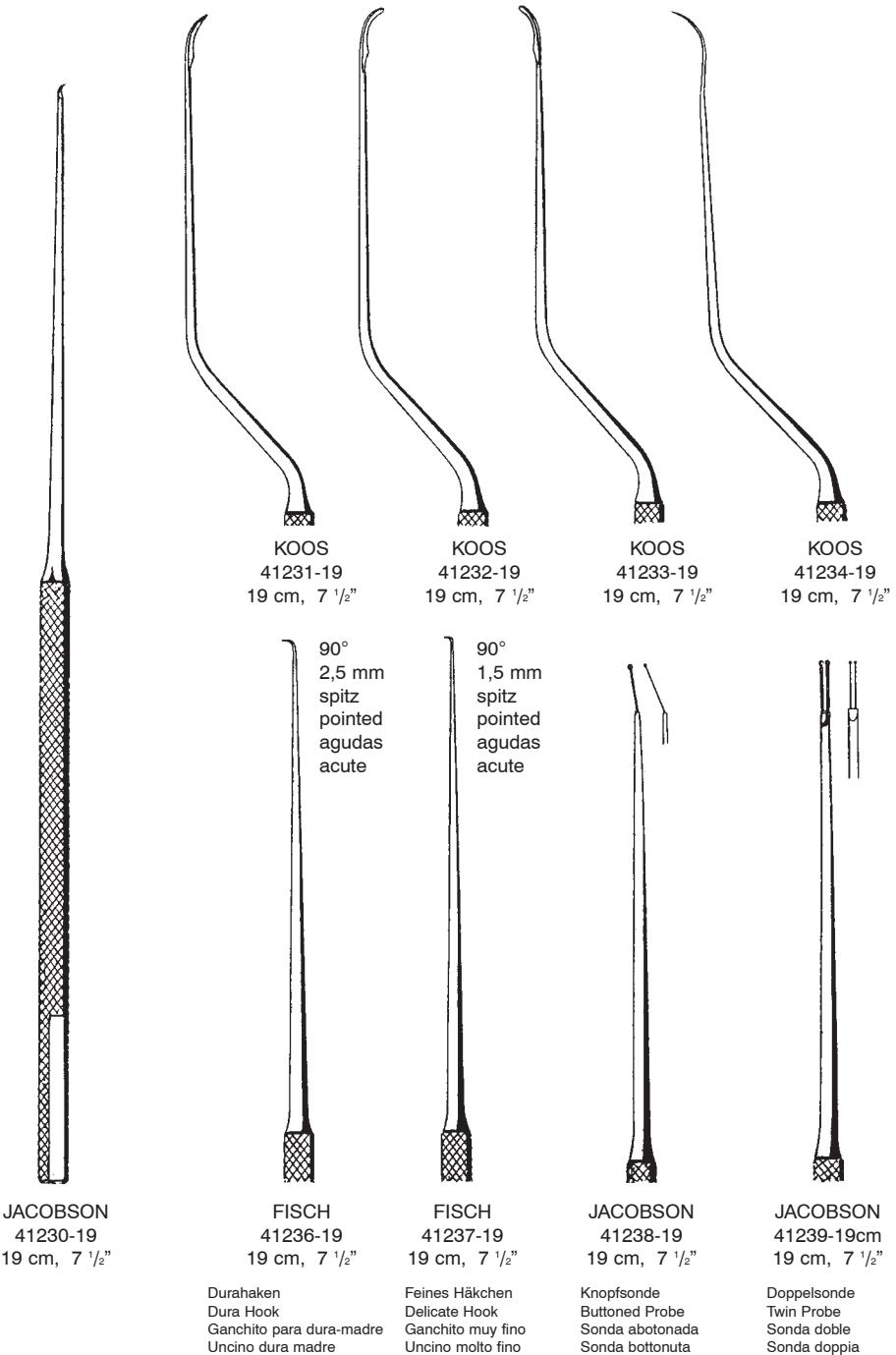


RAY
41223-00
19 cm, 7 1/2"



RAY
41224-00
19 cm, 7 1/2"

Gefäß-Messer, Haken, Sonden
 Vessel-Knives, Hooks, Probes
 Bisturries, Ganchos, Sondas
 Bisturi, Uncino, Sonde



Nervhähkchen, 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"



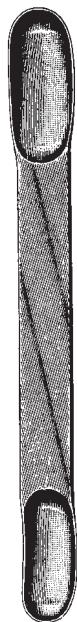
KRAYENBÜHL
41243-19
19 cm, 7 1/2"



KRAYENBÜHL
41244-19
19 cm, 7 1/2"

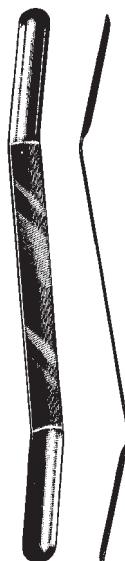


KRAYENBÜHL
41245-19
19 cm, 7 1/2"



CUSHING
18 cm, 7"
41250-11 8x10 mm
41250-15 13x15 mm
41250-18 16x18 mm

konkav
concave
cónica
concavi



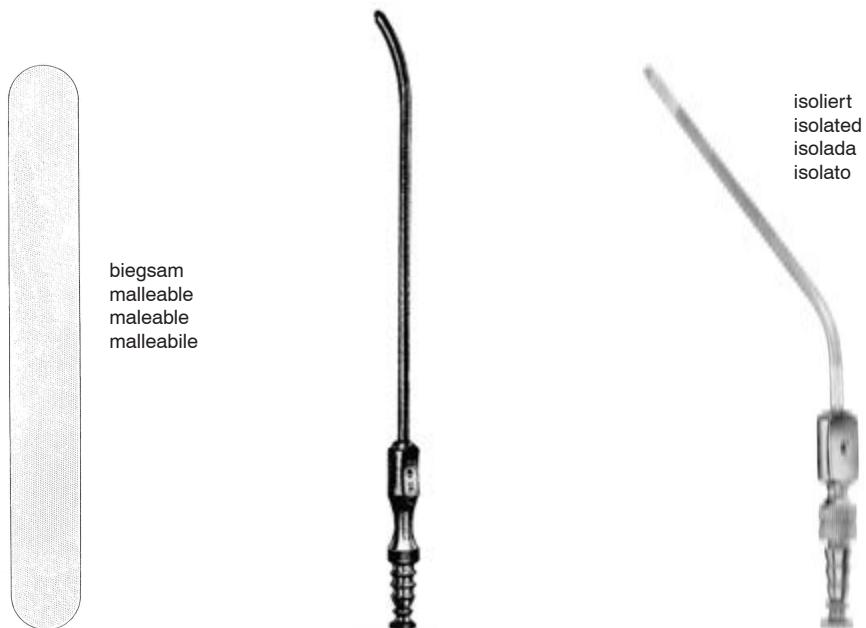
OLIVECRONA
18 cm, 7" mm
41253-07 7/9
41253-11 11/13
41253-15 15/18
41253-18 18/22



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

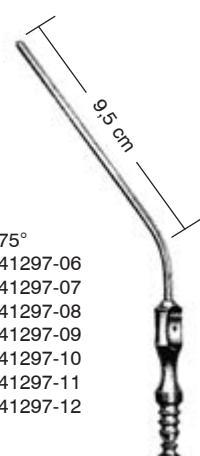


DAVIS 18 cm, 7"	
41254-06	6 mm, $\frac{1}{4}$ "
41254-10	9 mm, $\frac{3}{8}$ "
41254-13	13 mm, $\frac{1}{2}$ "
41254-16	16 mm, $\frac{5}{8}$ "
41254-19	19 mm, $\frac{3}{4}$ "
41254-25	25 mm, 1"
41254-32	32 mm, 1 $\frac{1}{4}$ "
41254-38	38 mm, 1 $\frac{1}{2}$ "

ADSON	
41290-21	21 cm, 8 $\frac{1}{4}$ "
	\varnothing 4 mm

FERGUSSON	
41294-40	18 cm, 7"
	\varnothing 4 mm, 90°

Charr.	F.G.	75°
6	41295-06	41297-06
7	41295-07	41297-07
8	41295-08	41297-08
9	41295-09	41297-09
10	41295-10	41297-10
11	41295-11	41297-11
12	41295-12	41297-12
15	41295-15	



FRAZIER / FERGUSSON
 41295-06 – 41297-12
 19 cm, 7 $\frac{1}{2}$ "



FRAZIER / FERGUSSON
 41298-12
 12 cm, 4 $\frac{3}{4}$ " / 3 mm

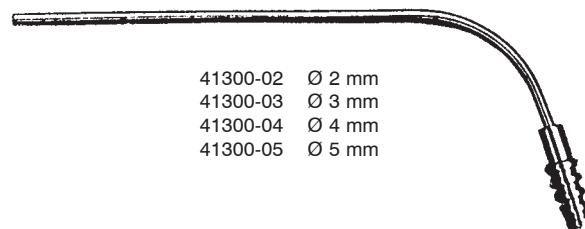
Saugrohre

Suction Tubes

Tubos de aspiración

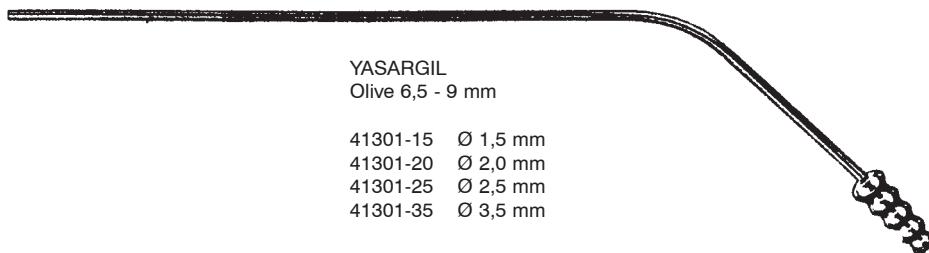
Tubi aspirazioni

11 cm, 4,4"



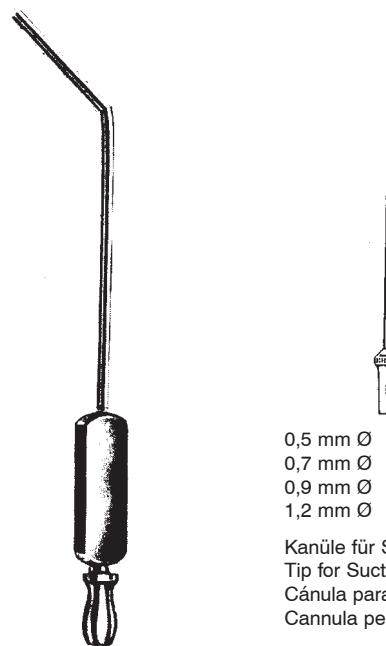
- 41300-02 Ø 2 mm
- 41300-03 Ø 3 mm
- 41300-04 Ø 4 mm
- 41300-05 Ø 5 mm

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

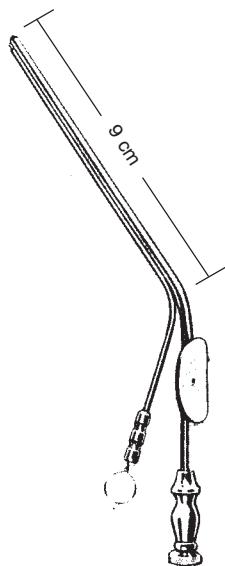


- 0,5 mm Ø 41306-05
- 0,7 mm Ø 41306-07
- 0,9 mm Ø 41306-09
- 1,2 mm Ø 41306-12

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

ZÖLLNER
41302-02

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, Cábulas para aspiración
 Tubi aspirazioni, Cannule per aspirazione



WULLSTEIN
41307-00

Sauggriff
 Suction Handle
 Mango de aspiración
 Manico per aspirazione



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



PLESTER
30°

Charr. 6 41304-06
 Charr. 8 41304-08
 Charr. 10 41304-10



SCHMID
15 cm, 6"

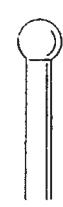
biegsam
 malleable
 maleable
 malleabile



Ø 3 mm
41307-03



Ø 4 mm
41307-04

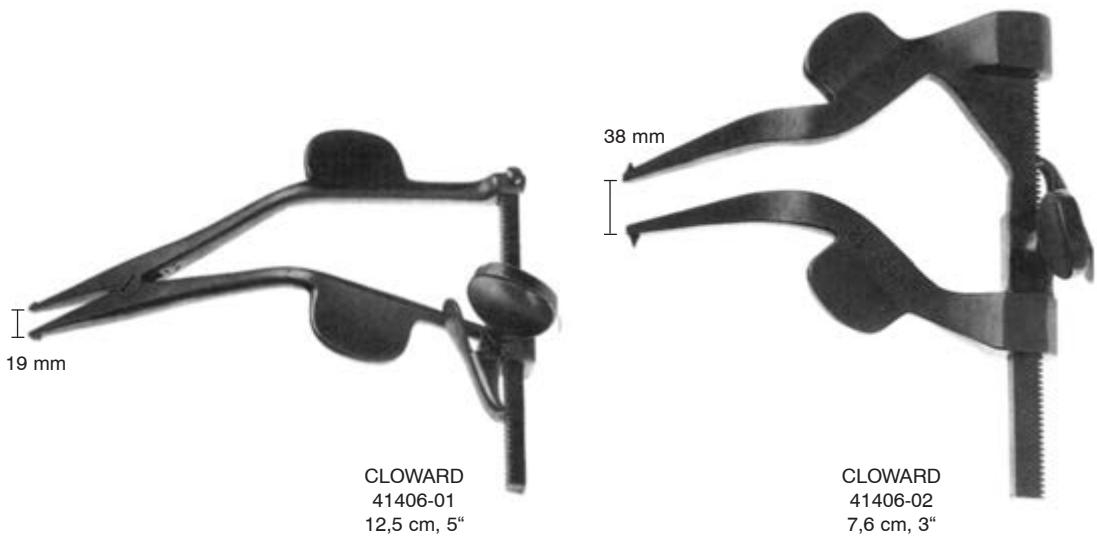
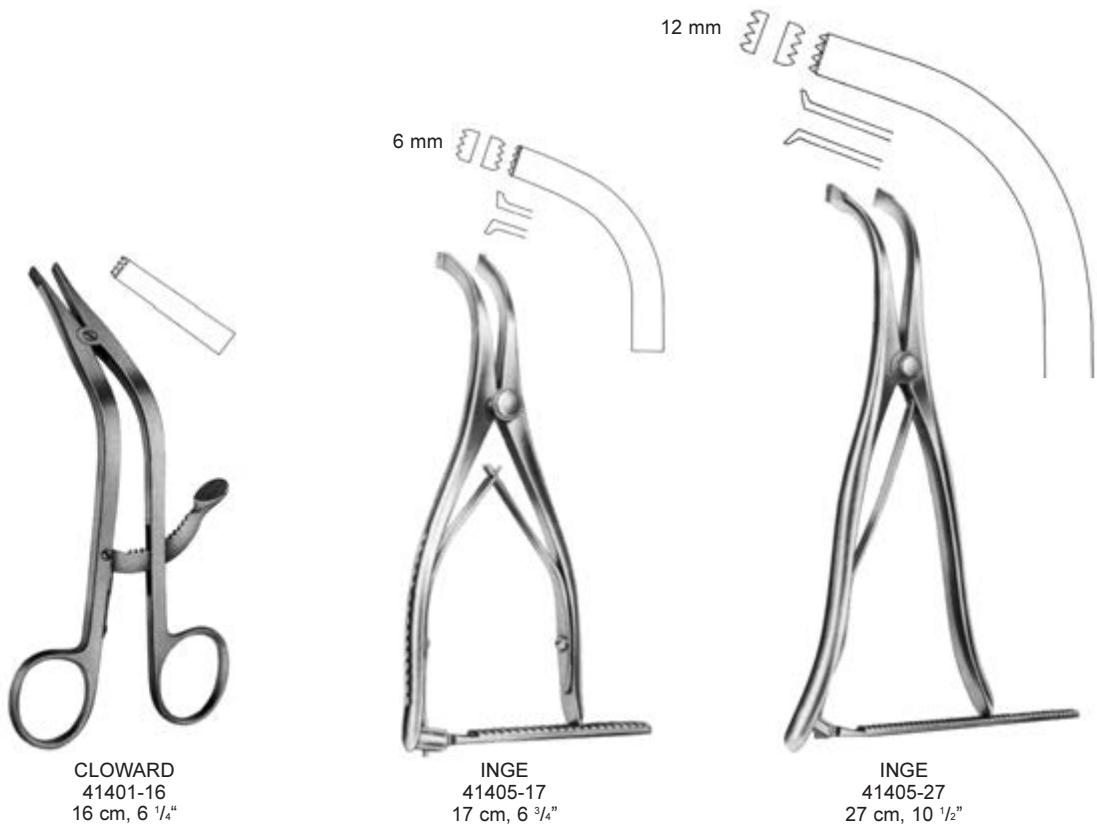


Ø 5 mm
41307-05

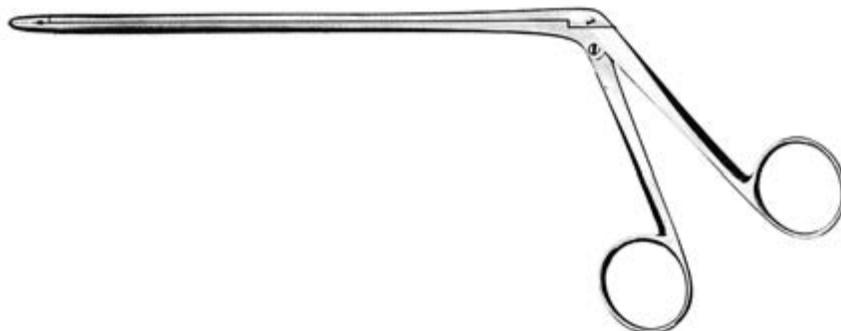


Ø 6 mm
41307-06

Wirbelkörperspreizer
 Lamina Spreaders
 Separadores para cuerpos vertebrales
 Divaricatori per corpi vertebrali



Laminektomie Zangen
 Laminectomy Rongeurs
 Pinzas cortantes para laminectomia
 Pinze taglienti per laminectomia



CUSHING
2 mm



2x10 mm	L	2x10 mm/45°	L
41420-01	12,5 cm	41420-02	12,5 cm
41421-01	15,0 cm	41421-02	15,0 cm
41422-01	18,0 cm	41422-02	18,0 cm
			41420-03 12,5 cm
			41421-03 15,0 cm
			41422-03 18,0 cm

LOVE-GRUENWALD



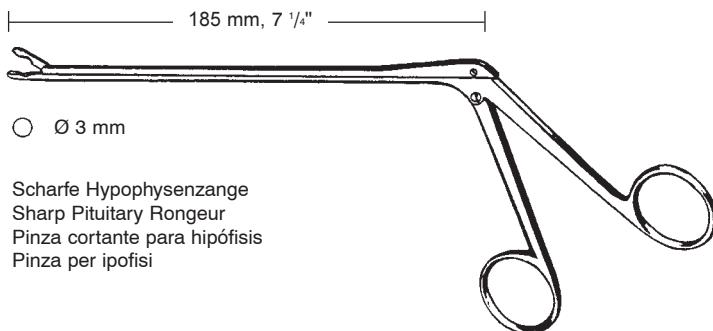
3x10 mm	L	3x10 mm/45°	L
41430-01	12,5 cm	41430-02	12,5 cm
41431-01	15,0 cm	41431-02	15,0 cm
41432-01	18,0 cm	41432-02	18,0 cm
			41430-03 12,5 cm
			41431-03 15,0 cm
			41432-03 18,0 cm

SPURLING

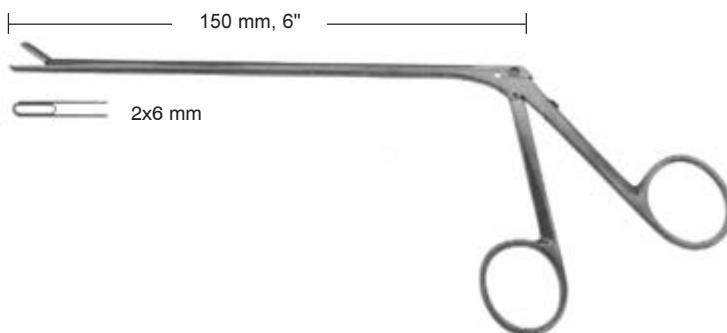


4x10 mm	L	4x10 mm/45°	L
41440-01	12,5 cm	41440-02	12,5 cm
41441-01	15,0 cm	41441-02	15,0 cm
41442-01	18,0 cm	41442-02	18,0 cm
			41440-03 12,5 cm
			41441-03 15,0 cm
			41442-03 18,0 cm

Laminektomie Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomia
Pinze taglienti per laminectomia

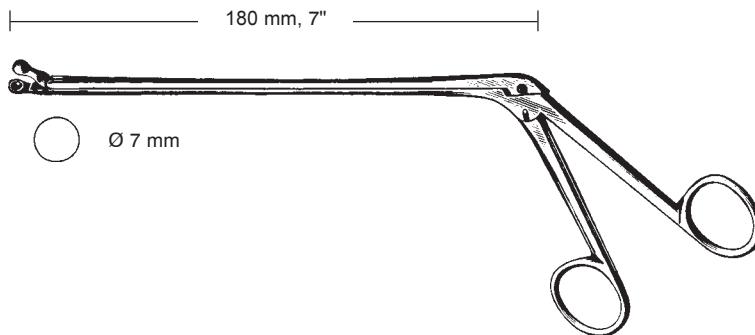


41443-26
25,5 cm, 10"



DECKER

Laminektomie Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomia
Pinze taglienti per laminectomia

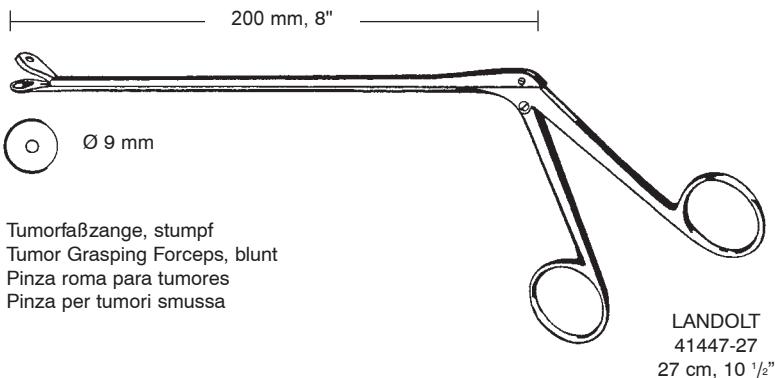


OLDBERG
41445-25
25 cm, 9.8"



PEAPOD
41446-00

Laminektomie Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomia
Pinze taglienti per laminectomia

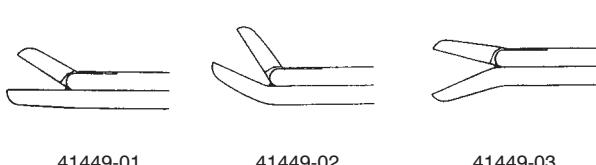


Laminektomie Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomia
Pinze taglienti per laminectomia

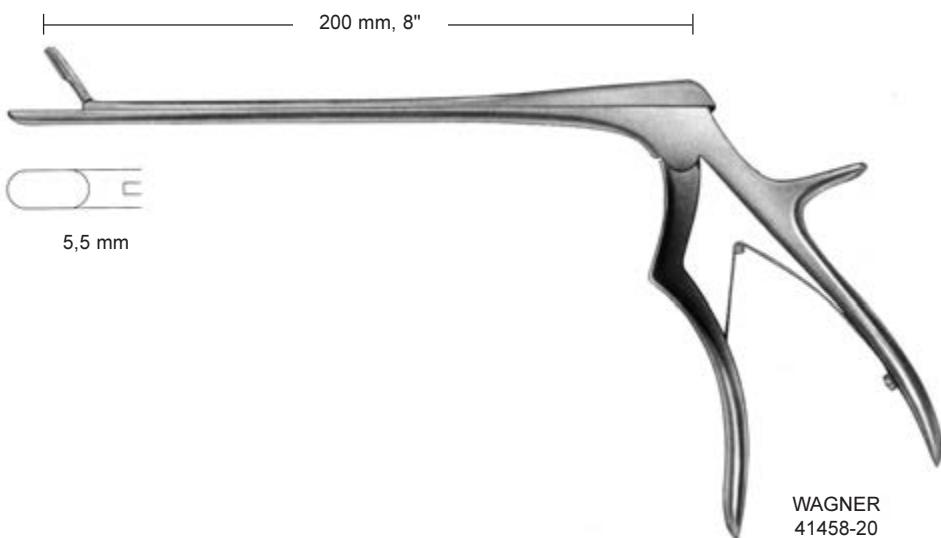
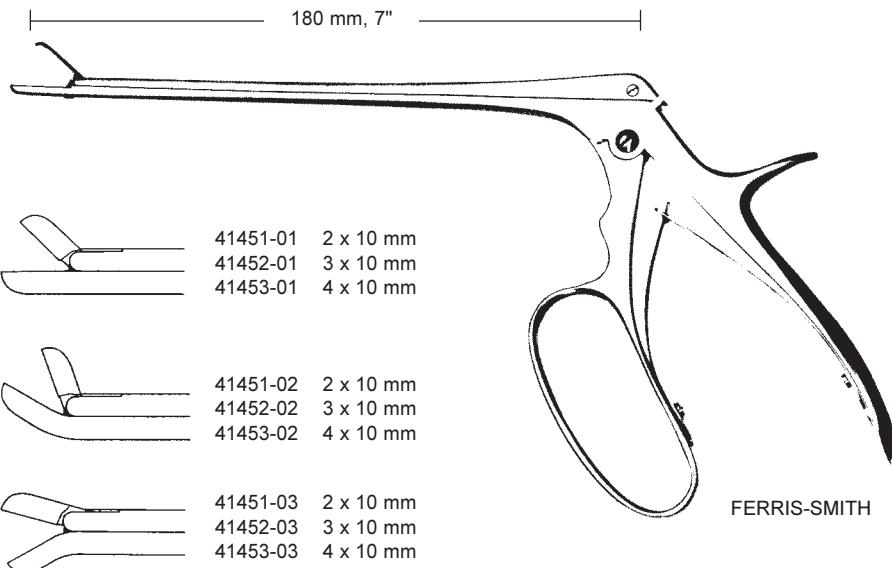
150 mm, 6"



150 mm, 6"



Laminektomie Zangen
Laminectomy Rongeurs
Pinzas cortantes para laminectomia
Pinze taglienti per laminectomia

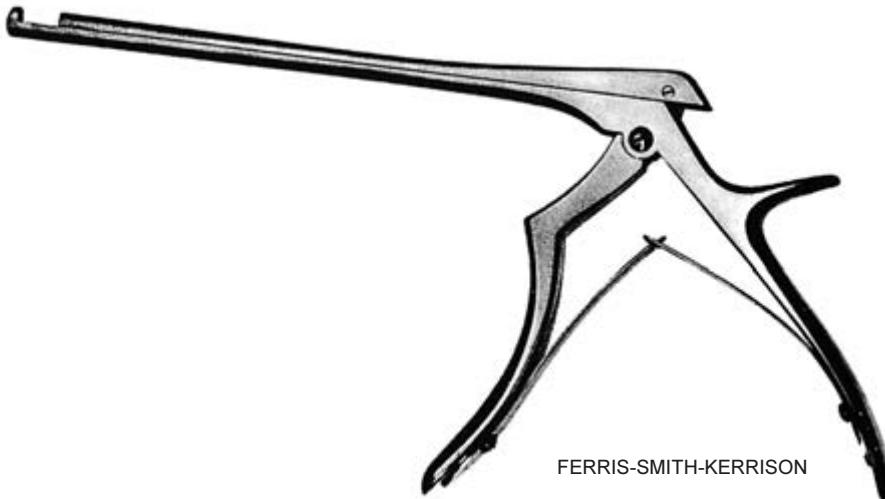


Bandscheibenstanzen

Intervertebral Disc Rongeurs

Pinzas sacabocado para discos intervertebrales

Pinze taglienti per dischi intervertebrali



90°

18 cm, 7"
20 cm, 8"



41510-01 1 mm
41513-01 1 mm

90°

41511-01 1 mm
41514-01 1 mm

40°

41512-01 1 mm
41515-01 1 mm

18 cm, 7"
20 cm, 8"



41510-02 2 mm
41513-02 2 mm



41511-02 2 mm
41514-02 2 mm



41512-02 2 mm
41515-02 2 mm

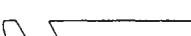
18 cm, 7"
20 cm, 8"



41510-03 3 mm
41513-03 3 mm



41511-03 3 mm
41514-03 3 mm



41512-03 3 mm
41515-03 3 mm

18 cm, 7"
20 cm, 8"



41510-04 4 mm
41513-04 4 mm

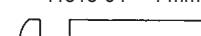


41511-04 4 mm
41514-04 4 mm

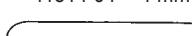


41512-04 4 mm
41515-04 4 mm

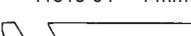
18 cm, 7"
20 cm, 8"



41510-05 5 mm
41513-05 5 mm



41511-05 5 mm
41514-05 5 mm



41512-05 5 mm
41515-05 5 mm

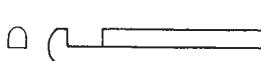
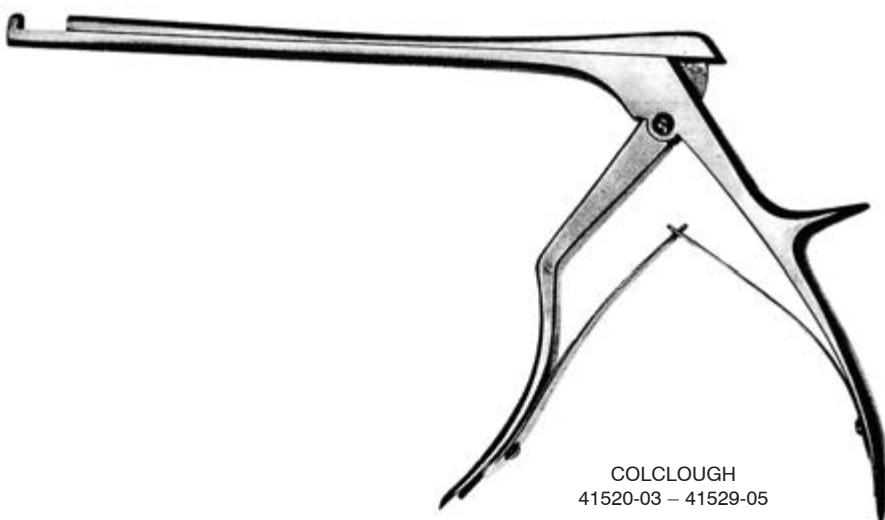
auch lieferbar mit Dünnsfuß

also available with thin foot plate

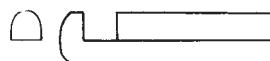
tambien disponible con lámina de punzonar estrecha

anche disponibile con morso sottile

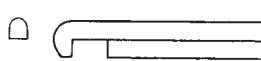
Bandscheibenstanzen
 Intervertebral Disc Rongeurs
 Pinzas sacabocado para discos intervertebrales
 Pinze taglienti per dischi intervertebrali



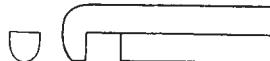
3 mm
 41520-03 15 cm, 6"
 41522-03 20 cm, 8"



5 mm
 41520-05 15 cm, 6"
 41522-05 20 cm, 8"



3 mm
 41524-03 15 cm, 6"
 41526-03 20 cm, 8"



5 mm
 41524-05 15 cm, 6"
 41526-05 20 cm, 8"



3 mm
 41527-03 15 cm, 6"
 41529-03 20 cm, 8"



5 mm
 41527-05 15 cm, 6"
 41529-05 20 cm, 8"

Zerlegbare Stanzen
Detachable punches
Pinzas cortantes desmontables
Pinze taglienti e smontabili



FERRIS-SMITH-KERRISON
18 cm, 7"

90°



41540-02 2 mm

41540-03 3 mm

41540-04 4 mm

41540-05 5 mm

130°



41542-02 2 mm

41542-03 3 mm

41542-04 4 mm

41542-05 5 mm

YASARGIL – Aneurysmen – Gefäß – Clips
 YASARGIL – Aneurysm – Vessel – Clips
 YASARGIL – Clips para aneurisma
 YASARGIL – Clips per aneurisma

aus hochwertigem Implantat-Stahl antimagnetisch

in high quality Implant steel antimagnetic

de acero inoxidable para implantes de alta calidad, antimagnético

Prodotto in acciaio di alta qualità, antimagnetico

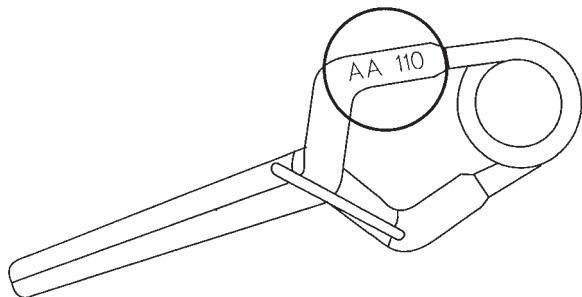
Features of the Clip

SERIAL-NUMBER

Each clip is coded with an individual serial number – marked by laser technology –
The serial number guarantees a detailed follow-up of

- the whole production process
- the closure force
- from raw material to the final product

These informations are registered in our company for the period of 10 years.



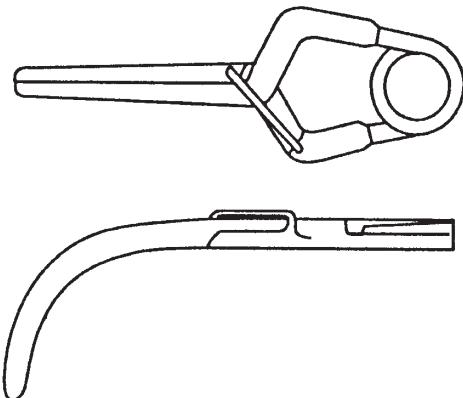
PACKING – LABELING

Each clip is individually packaged in a transparent box made of resistant plastic. Special wishes of customers regarding the packaging will be considered by us. This will be marked on an internal instruction.

The transparent box is marked with a label in order to assure a quick and sure identification of the clip.

On the label you can find the following data:

- catalogue number
- Product description
- Illustration
- Closing force in g
- Tolerance range of closing force
- Blade lenght
- Maximum opening
- Blade geometry
- Serial number
- Jaw profile
- Material description
- Lot number
- the notes "NOT STERILE"
- WARNING



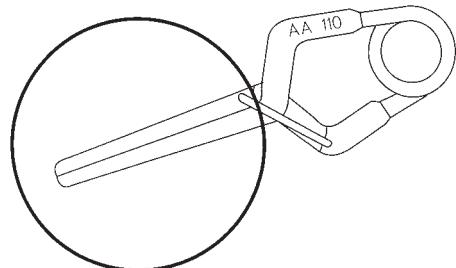
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Features of the Clip

JAW-PROFILE

The rounded, pyramid-like structure is stamped into the jaw through a special step in production and prevents sharp edged which could perforate an aneurysm



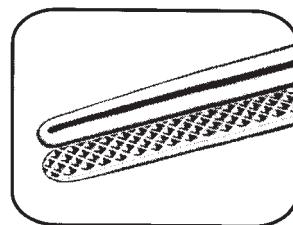
No edges or burrs through additional rounding of structures that border the clip outer side because of this, realatraumatic application of the clip

Increased surface area due to the pyramid-like design of the jaws inner surface the croos-like structure of the inner jaws pyramid surface doubles the tissue-holding area.

The applied pressure distributes itself evenly over the length of the jaw.

The convex closure of the clip assures an atraumatic and secure closure of the aneurysm.

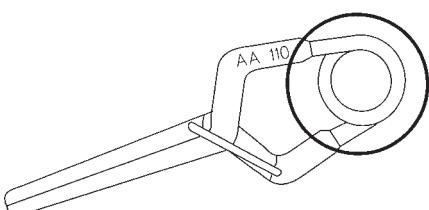
Sliding of the clip is prevented.



SPRING-DESIGN

The spring size, which is different in the Standard and Mini clips, is the same within the same type of the Clip.

Through this, the highest degree of a secure fit is ensured by the clip applier (clip/clip applier fit)



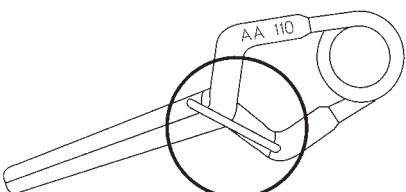
LINK-DESIGN

Laser welded

The link ensures the precise guidance of the jaws and a "soft" opening of the clip during the whole spreading process.

The contact surface of the jaws are guided symmetrically in an exact way "over the whole lenght" this fact guarantees an aditional stability of the clip.

No over-stress of the material because the design of the link limits the maximum opening width.



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Features of the Clip

CLOSING-FORCE

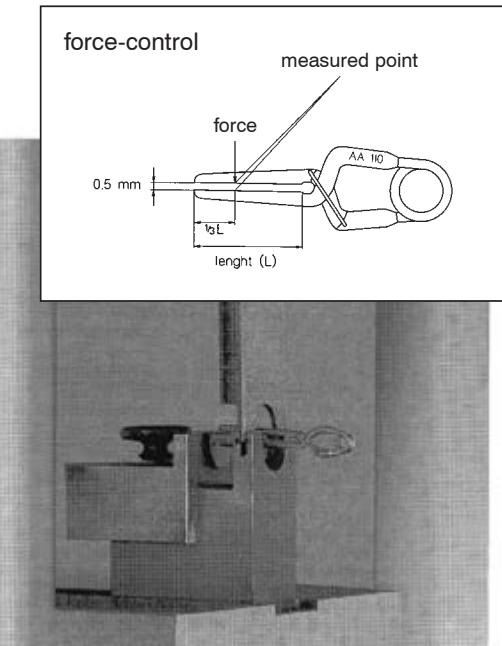
The closing force is measured at one third of the jaw lenght and an opening of 0,5 mm.

The final quality control of the clip is effected by a microprocessor-controlled measuring equipment.

The closing force is indicated exactly within a certain tolerance.

By the help of a special software program we assure that before the clip passes the final quality control its closure force is fixed. As a consequence we exclude any kind of manipulation.

All relevant technical data are stored during the control procedure and printed on the label.



Material and Quality Assurance

According to DIN 17445, implant steel is used in the production of our Aneurysm Clip

- High stability characteristics
- Excellent tissue compatibility
- Secure closure of blood vessels
- Antimagnetic
- Ideally suited as implantation material
- Security against over straining



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YASARGIL-STANDARD für permanenten Verschluß
YASARGIL-STANDARD for permanent closure
YASARGIL-STANDARD para cierre permanente
YASARGIL-STANDARD con chiusura permanente

Standard

Cat. Nr.	41600-62	41600-70	41600-78	41600-92	41601-10	41601-11
max. opening Force	41600-62 T 6,2 mm 150 gms	41600-70 T 7,0 mm 180 gms	41600-78 T 7,8 mm 180 gms	41600-92 T 9,2 mm 200 gms	41601-10 T 10,6 mm 200 gms	41601-11 T 11,4 mm 200 gms

41601-13 41601-13 T 13,3 mm 200 gms	41602-60 41602-60 T 6,0 mm 150 gms	41602-68 41602-68 T 6,8 mm 180 gms	41602-75 41602-75 T 7,5 mm 180 gms	41602-87 41602-87 T 8,7 mm 200 gms	41603-55 41603-55 T 5,5 mm 150 gms	41603-61 41603-61 T 6,1 mm 180 gms
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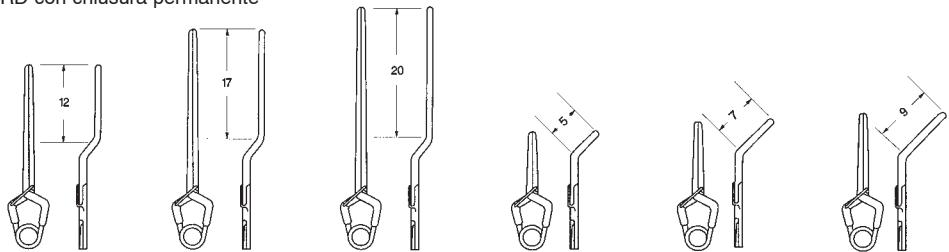
41603-65 41603-65 T 6,5 mm 180 gms	41603-74 41603-74 T 7,4 mm 200 gms	41604-54 41604-54 T 5,4 mm 180 gms	41604-58 41604-58 T 5,8 mm 180 gms	41604-62 41604-62 T 6,2 mm 180 gms	41604-79 41604-79 T 7,9 mm 200 gms	41604-87 41604-87 T 8,7 mm 200 gms
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YASARGIL – Aneurysmen – Gefäß – Clips
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YASARGIL-STANDARD con chiusura permanente

Standard



Cat. Nr.	41605-10	41605-12	41605-13	41606-62	41606-65	41606-78
max. opening Force	41605-10 T 10,2 mm 200 gms	41605-12 T 11,9 mm 180 gms	41605-13 T 13,0 mm 180 gms	41606-62-T 6,2 mm 200 gms	41606-65 T 6,5 mm 200 gms	41606-78 T 7,8 mm 200 gms

41606-84 41606-84 T 8,4 mm 200 gms	41607-56 41607-56 T 5,6 mm 200 gms	41607-57 41607-57 T 5,6 mm 200 gms	41607-58 41607-58 T 5,6 mm 200 gms	41607-59 41607-59 T 5,4 mm 200 gms	41607-60 41607-60 T 5,6 mm 200 gms	41607-72 41607-72 T 7,2 mm 200 gms
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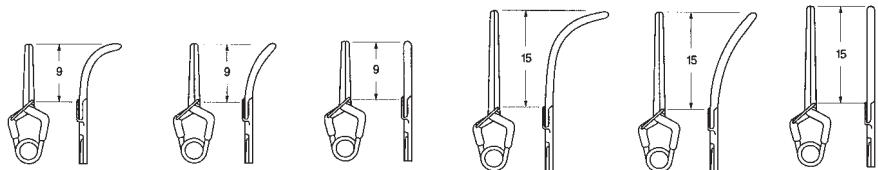
41607-73 41607-73 T 7,2 mm 200 gms	41607-82 41607-82 T 8,2 mm 200 gms	41608-57 41608-57 T 5,7 mm 200 gms	41608-80 41608-80 T 8,0 mm 200 gms	41609-70 41609-70 T 7,0 mm 200 gms
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YASARGIL – Aneurysmen – Gefäß – Clips
YASARGIL – Aneurysm – Vessel – Clips
YASARGIL – Clips para aneurisma
YASARGIL – Clips per aneurisma

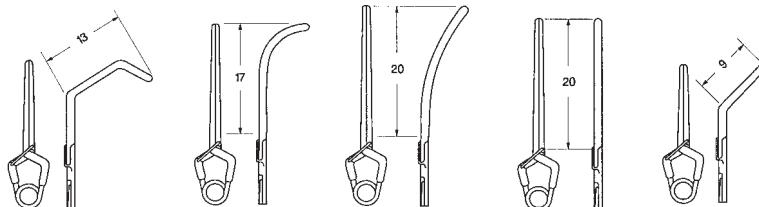
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YASARGIL-STANDARD für temporären Verschluß
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 YASARGIL-STANDARD con chiusura temporanea

Standard



Cat. Nr.	41610-61 41610-61 T	41610-68 41610-68 T	41610-70 41610-70 T	41611-74 41611-74 T	41611-87 41611-87 T	41611-92 41611-92 T
max. opening Force	6,1 mm 70 gms	6,8 mm 70 gms	7,0 mm 70 gms	7,4 mm 70 gms	8,7 mm 70 gms	9,2 mm 70 gms



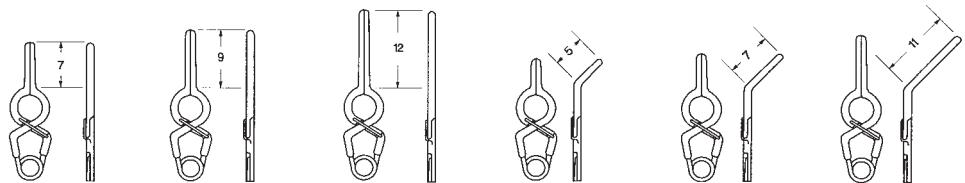
41612-07 41612-07 T	7,5 mm 90 gms	41612-09 41612-09 T	9,9 mm 90 gms	41612-11 41612-11 T	11,0 mm 90 gms	41612-12 41612-12 T	11,4 mm 90 gms	41612-62 41612-62 T	6,2 mm 70 gms
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YASARGIL – Aneurysmen – Gefäß – Clips
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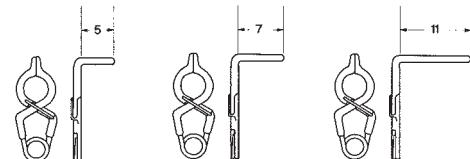
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Standard



Cat. Nr.	41613-74	41613-84	41613-96	41614-58	41614-65	41614-72
max. opening Force	41613-74 T 7,4 mm 150 gms	41613-84 T 8,4 mm 150 gms	41613-96 T 9,6 mm 180 gms	41614-58 T 5,8 mm 150 gms	41614-65 T 6,5 mm 150 gms	41614-72 T 7,2 mm 180 gms



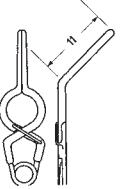
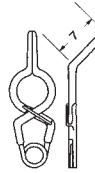
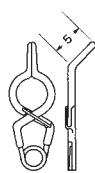
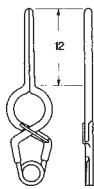
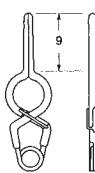
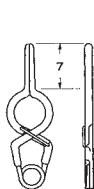
41615-49	41615-50	41615-51
41615-49 T 4,9 mm 150 gms	41615-50 T 4,9 mm 150 gms	41615-51 T 4,9 mm 180 gms

YASARGIL – Aneurysmen – Gefäß – Clips
YASARGIL – Aneurysm – Vessel – Clips
YASARGIL – Clips para aneurisma
YASARGIL – Clips per aneurisma

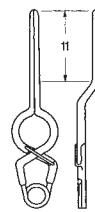
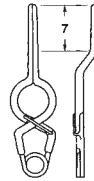
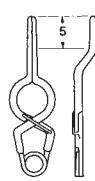
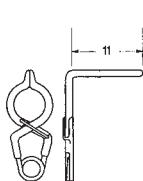
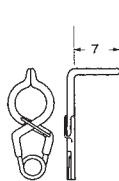
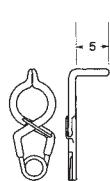
aus hochwertigem Implantat-Stahl antimagnetisch
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Standard



Cat. Nr.	41616-79	41616-91	41617-10	41617-65	41617-72	41617-78
max. opening Force	7,9 mm 150 gms	9,1 mm 150 gms	10,3 mm 180 gms	6,5 mm 150 gms	7,2 mm 150 gms	7,8 mm 180 gms



41618-55	41618-56	41618-57	41618-79	41618-88	41619-00
41618-55 T	41618-56 T	41618-57 T	41618-79 T	41618-88 T	41619-00 T

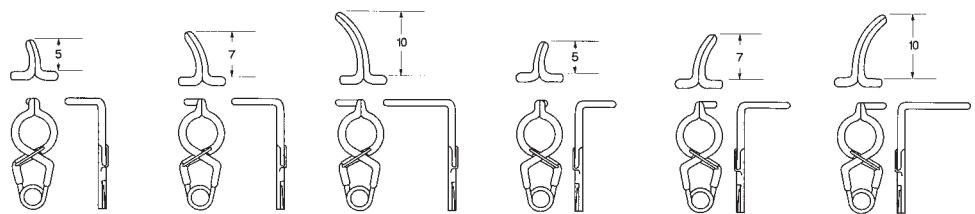
5,5 mm	5,5 mm	5,5 mm	7,9 mm	8,8 mm	10,0 mm
150 gms	150 gms	180 gms	150 gms	150 gms	180 gms

YASARGIL – Aneurysmen – Gefäß – Clips
YASARGIL – Aneurysm – Vessel – Clips
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YASARGIL – Clips per aneurisma

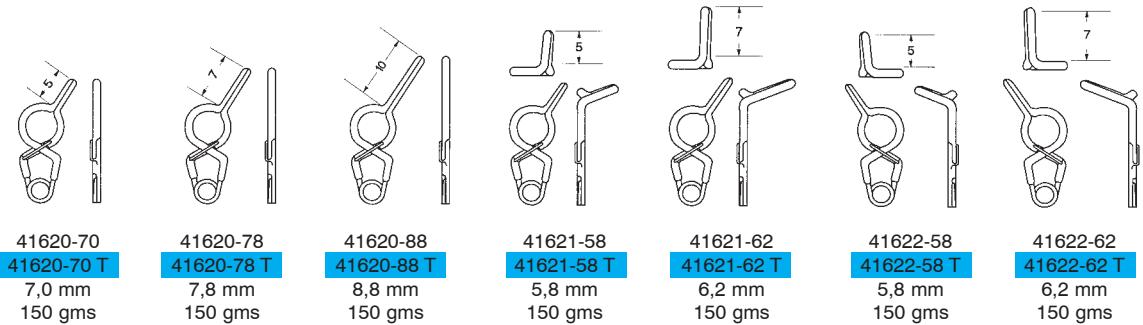
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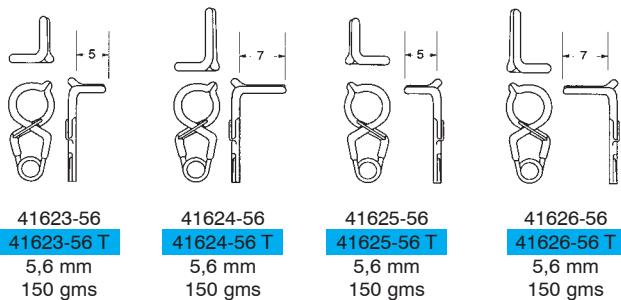
Standard



Cat. Nr.	41620-58	41620-59	41620-60	41620-61	41620-62	41620-63
max. opening Force	41620-58 T	41620-59 T	41620-60 T	41620-61 T	41620-62 T	41620-63 T
5,8 mm 150 gms	5,8 mm 150 gms	5,8 mm 150 gms	5,8 mm 150 gms	5,8 mm 150 gms	5,8 mm 150 gms	5,8 mm 150 gms



41620-70	41620-78	41620-88	41621-58	41621-62	41622-58	41622-62
41620-70 T	41620-78 T	41620-88 T	41621-58 T	41621-62 T	41622-58 T	41622-62 T
7,0 mm 150 gms	7,8 mm 150 gms	8,8 mm 150 gms	5,8 mm 150 gms	6,2 mm 150 gms	5,8 mm 150 gms	6,2 mm 150 gms



41623-56	41624-56	41625-56	41626-56
41623-56 T	41624-56 T	41625-56 T	41626-56 T
5,6 mm 150 gms	5,6 mm 150 gms	5,6 mm 150 gms	5,6 mm 150 gms

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Mini



Cat. Nr.	41627-33	41627-40	41628-33	41628-40	41628-46	41629-32
max. opening Force	3,3 mm 110 gms	4,0 mm 110 gms	3,3 mm 110 gms	4,0 mm 110 gms	4,6 mm 110 gms	3,2 mm 110 gms



41629-38	41630-36	41630-38	41631-36	41631-40	41631-44	41632-36
41629-38 T	41630-36 T	41630-38 T	41631-36 T	41631-40 T	41631-44 T	41632-36 T

3,8 mm

110 gms

3,6 mm

110 gms

3,8 mm

110 gms

3,6 mm

110 gms

4,0 mm

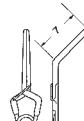
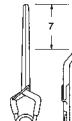
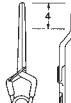
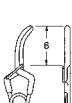
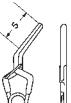
110 gms

4,4 mm

110 gms

3,6 mm

110 gms



41633-35	41633-40	41634-35	41634-60	41634-70	41635-57	41636-45
41633-35 T	41633-40 T	41634-35 T	41634-60 T	41634-70 T	41635-57 T	41636-45 T

3,5 mm

110 gms

4,0 mm

110 gms

3,5 mm

130 gms

6,0 mm

130 gms

7,0 mm

130 gms

5,7 mm

130 gms

4,5 mm

130 gms

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 YASARGIL-STANDARD con chiusura temporanea

Mini

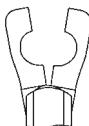


Cat. Nr.	41637-33 41637-33 T	41637-40 41637-40 T	41638-38 41638-38 T	41638-46 41638-46 T	41639-44 41639-44 T	41640-40 41640-40 T
max. opening Force	3,3 mm 50 gms	4,0 mm 50 gms	3,8 mm 50 gms	4,6 mm 70 gms	4,4 mm 70 gms	4,0 mm 70 gms

Anlegezange mit Rundgriff – FLEXIBEL – mit und ohne drehbarem Maulteil
 Applying forceps with round shaft – FLEXIBLE – with and without Rotation
 Pinzas de aplicación con mango redondo – FLEXIBLE – con y sin rotación
 Posa clips con manico rotonda guaina FLESSIBILE cover sistema rotante ed non rotante

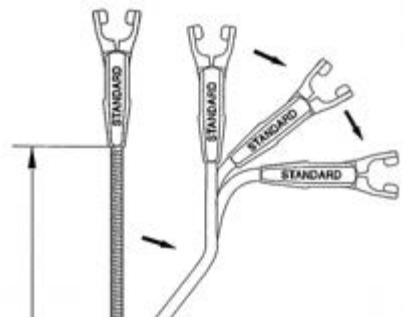
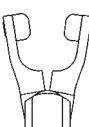
Länge Length Largo Lunghezza	MINI	STANDARD
70 mm	41641-07	41643-07
90 mm	41641-09	41643-09
110 mm	41641-11	41643-11

nicht drehbar
non rotating
sin rotación
non rotante



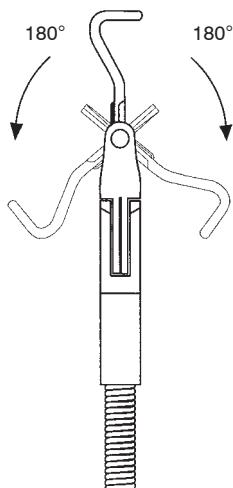
Länge Length Largo Lunghezza	MINI	STANDARD
70 mm	41642-07	41644-07
90 mm	41642-09	41644-09
110 mm	41642-11	41644-11

drehbar
rotating
rotante
rotante



110 mm

drehbar
rotating
rotante
rotante



Beispiel für Drehmechanismus
 Example for Rotation
 Ejemplo de la rotación
 Esempio della rotazione

Clips drehbar im Maul
 Clips rotable in jaw
 Clips rotable en la boca
 Clips rotabile nel morso

41641-07 - 41644-11

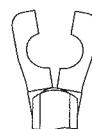
Anlegezange mit Rundgriff – starr – mit und ohne drehbarem Maulteil

Applying forceps with round shaft – rigid – with and without rotation

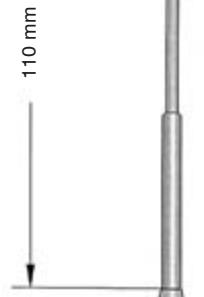
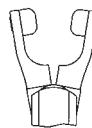
Pinzas de aplicación con mango redondo – rígido – con y sin rotación

Posa clips con manico rotonda guaina rigida cover sistema rotante ed non rotante

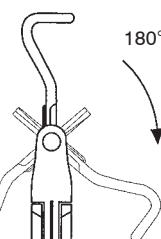
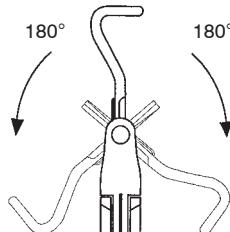
Länge Length Largo Lunghezza	MINI 70 mm 90 mm 110 mm	STANDARD 41645-07 41645-09 41645-11
		nicht drehbar non rotating sin rotación non rotante
		drehbar rotating rotante rotante
		drehbar rotating rotante rotante



Länge Length Largo Lunghezza	MINI 70 mm 90 mm 110 mm	STANDARD 41646-07 41646-09 41646-11
		nicht drehbar non rotating sin rotación non rotante
		drehbar rotating rotante rotante
		drehbar rotating rotante rotante



drehbar
rotating
rotante
rotante



Beispiel für Drehmechanismus
Example for Rotation
Ejemplo de la rotación
Esempio della rotazione

Clips drehbar im Maul
Clips rotatable in jaw
Clips rotatable en la boca
Clips rotabile nel morso



41645-07 - 41648-11

Anlegezange mit Rundgriff – starr – mit und ohne drehbarem Maulteil

Applying forceps with round shaft – rigid – with and without Rotation

Pinzas de aplicación con mango redondo – rigido – con y sin rotación

Posa clips con manico rotonda guaina rigida cover sistema rotante ed non rotante

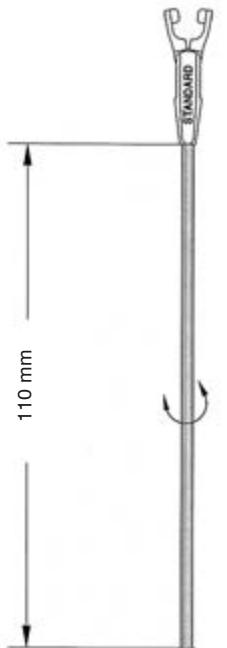
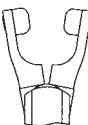
Länge Length Largo Lunghezza	MINI 70 mm 90 mm 110 mm	STANDARD 41649-07 41649-09 41649-11

nicht drehbar
non rotating
sin rotación
non rotante

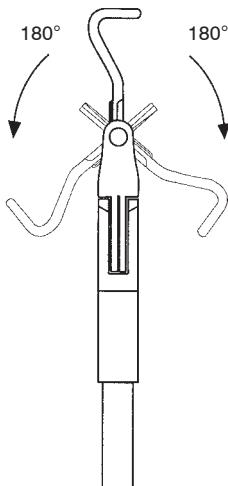


Länge Length Largo Lunghezza	MINI 70 mm 90 mm 110 mm	STANDARD 41650-07 41650-09 41650-11

drehbar
rotating
rotante
rotante



drehbar
rotating
rotante
rotante

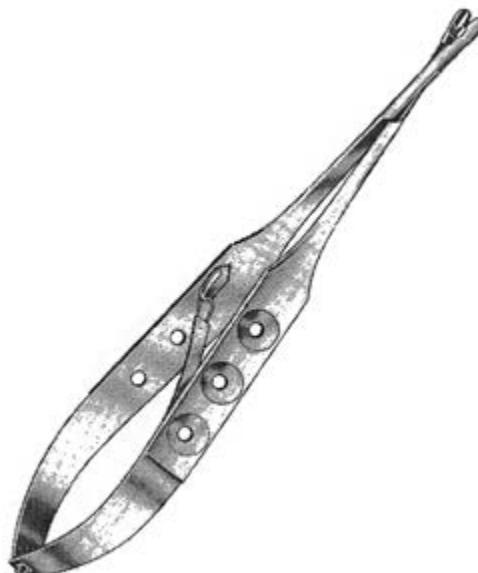


Beispiel für Drehmechanismus
Example for Rotation
Ejemplo de la rotación
Esempio della rotazione

Clips drehbar im Maul
Clips rotatable in jaw
Clips rotable en la boca
Clips rotabile nel morso

41649-07 - 41652-11

Anlegezange – mit und ohne drehbarem Maulteil
 Applying Forceps – with and without Rotation
 Pinzas de aplicación, con y sin rotación
 Pinza posa clips, con ed senza rotazione



MINI	41653-18
STANDARD	41654-18
MINI	41655-18
STANDARD	41656-18

drehbar / rotating
 rotante / rotante
 drehbar / rotating
 rotante / rotante

Anlegezange gerade, mit Sperre, Länge 18 cm, 7"
 Applying Forceps straight, with Ratchet, Length 18 cm, 7"
 Pinza de aplicación, con cremallera, 18 cm, 7"
 Posa clips, retta con bloccaggio lunghezza 18 cm, 7"



	Länge		
	Lenght		
	Largo		
	Lunghezza	17 cm, 6 3/4"	21 cm, 8 1/4"
MINI	41657-17	41657-21	41657-23
STANDARD	41658-17	41658-21	41658-23
MINI	41659-17	41659-21	41659-23
STANDARD	41660-17	41660-21	41660-23

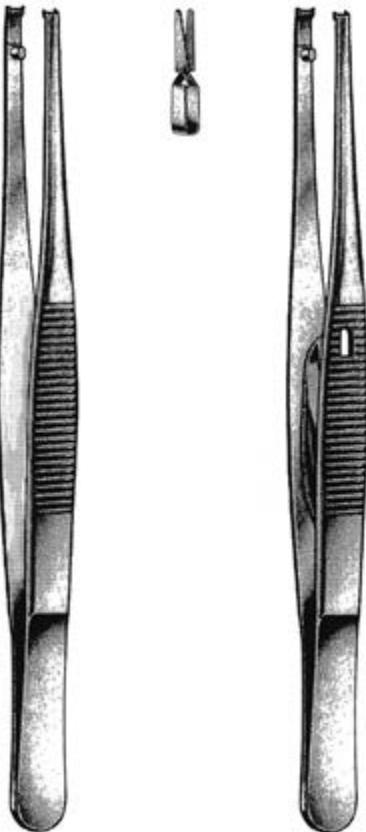
drehbar / rotating / rotante / rotante
 drehbar / rotating / rotante / rotante

Clips drehbar im Maul
 Clips rotable in jaw
 Clips rotable en la boca
 Clips rotabile nel morso

Anlegezange bayonett, mit Sperre
 Applying Forceps bajonet, with Ratchet
 Pinza de aplicación bayoneta, con cremallera
 Posa clips a baionetta con bloccaggio

Gefäßclips nach BIEMER
BIEMER Vessel Clips
Clips para vasos de BIEMER
Clips per vasi secondo BIEMER

	Maulöffnung Opening	Maullänge Length of jaws	Schließkraft Closing Force	
	Apertura de la boca Apertura del morso 4,0 mm	Largo de la boca Lunghezza del morso 6,0 mm	Fuerza del cierre Forza di chiusura 30 - 40 g (0,29 - 0,39 N)	
	41661-50	5,0 mm	9,0 mm	30 - 40 g (0,29 - 0,39 N)
	41662-50	5,0 mm	9,0 mm	20 - 25 g (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
safe 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

BIEMER
41663-02

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

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 gewährleistet risikofreie
 Anwendung

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 estriadas 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

for temporary occlusion

(identified by yellow coloured spring ends) for vessel
 diam. 0,5 - 1,5 mm

Blade gripping surface with oblique serrations for
 save but careful gripping of vessels

No risk due to rigidly fixed pressure measure

per chiusura temporanea

per vasi con Diametro 0,5 - 1,5 mm

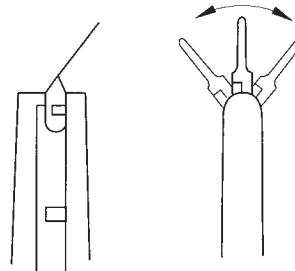
La chiusura regolata garantisce nessun rischio



Beispiele für die variable Position des
 Clips

Ejemplo para la variedad de la aplica-
 ción del clip

Esempio: posizioni variabili delle clips



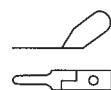
MEHDORN
 41666-00

Anlegepinzette für Mikro-
 Gefäßclips
 41664-10 - 41665-14

Applying Forceps for vessel
 clips
 41664-10 - 41665-14

Pinza de aplicación para
 micro-clips
 41664-10 - 41665-14

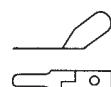
Pinza posa clips per
 microvasi
 41664-10 - 41665-14



41664-10 4 x 1,0 mm

Maullänge
 Length of jaws
 Largo de la boca
 Lunghezza del morso

Schließkraft
 Closing Force
 Fuerza del cierre
 Forza di chiusura



41664-14 4 x 1,4 mm

10 - 15 g
 (0,10 - 0,15 N)



41665-10 6 x 1,0 mm

10 - 15 g
 (0,10 - 0,15 N)



41665-14 6 x 1,4 mm

15 - 20 g
 (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 estriadas finas para un agarre seguro y cuidadoso de los vasos

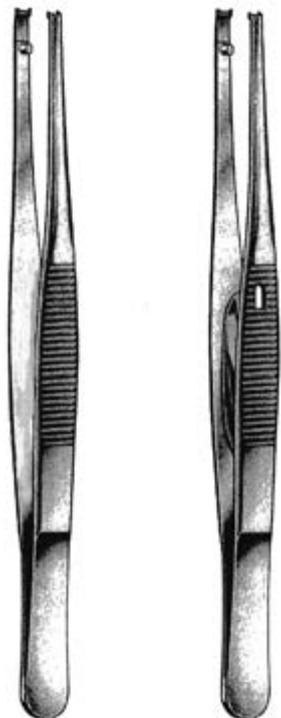
Debido a la calibración exacta de la fuerza de cierre se ofrece una aplicación sin riesgo

per chiusura temporanea

per vasi con Diametro 0,5 - 2,0 mm

La chiusura regolata garantisce nessun rischio

	Maulöffnung Opening	Maullänge Length of jaws	Schließkraft Closing Force		
41667-30	Apertura de la boca Apertura del morso	3,0 mm	4,5 mm	30 - 40 g (0,29 - 0,39 N)	BIEMER 41663-01
41667-50		5,0 mm	9,0 mm	30 - 40 g (0,29 - 0,39 N)	Anlegepinzette ohne Schloß, für Mikro-Gefäßclips 41661-40 - 41662-50 und Approximatoren 41667-30 - 41670-50 und 41672-01 - 41672-04
41668-50		5,0 mm	9,0 mm	30 - 40 g (0,20 - 0,25 N)	Applying forceps without lock. for vessel clips 41661-40 - 41662-50 and Aproximators 41667-30 - 41670-50 and 41672-01 - 41672-04
41669-50		5,0 mm	9,0 mm	30 - 40 g (0,20 - 0,25 N)	Applying forceps with lock. for vessel clips 41661-40 - 41662-50 and Aproximators 41667-30 - 41670-50 and 41672-01 - 41672-04
41670-50		5,0 mm	9,0 mm	30 - 40 g (0,20 - 0,25 N)	Applying forceps with lock. for vessel clips 41661-40 - 41662-50 and Aproximators 41667-30 - 41670-50 and 41672-01 - 41672-04



Approximatoren nach Müller
 Müller Approximators
 Aproximadores de Müller
 Approssimatore secondo 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

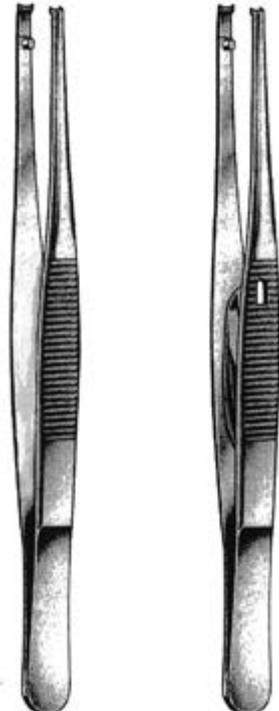
El interior de las quijadas viene con estriadas finas para un agarre seguro y cuidadoso de los vasos

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



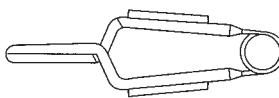
	\varnothing Diameter	Schließkraft Closing Force Fuerza del cierre Forza di chiusura	
41672-01	1,0 mm	25 - 30 g (0,25 - 0,29 N)	BIEMER 41663-01
41672-02	2,0 mm	25 - 30 g (0,25 - 0,29 N)	Anlegepinzette ohne Schloß, für Mikro-Gefäßclips 41661-40 - 41662-50 und Approximatoren 41667-30 - 41670-50 und 41672-01 - 41672-04
41672-03	3,0 mm	25 - 30 g (0,25 - 0,29 N)	Applying forceps without lock. for vessel clips 41661-40 - 41662-50 and Aproximators 41667-30 - 41670-50 and 41672-01 - 41672-04
41672-04	4,0 mm	25 - 30 g (0,25 - 0,29 N)	Applying forceps with lock. for vessel clips 41661-40 - 41662-50 and Aproximators 41667-30 - 41670-50 and 41672-01 - 41672-04

Gefäßclips nach Müller
 Müller Vessel Clips
 Clips para vasos de Müller
 Clip secondo Müller

für temporären Gebrauch

Maulinnenflächen pyramidenförmig für schonendes,
 sicheres Festhalten der Gefäße

Der fest eingestellte Schließdruck gewährt risikofreie
 Anwendung



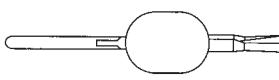
41674-50

50 g

for temporary occlusion

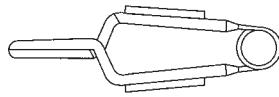
Blade gripping surface with pyramid-like impressions
 for save but careful gripping of vessels

No risk due to rigidly fixed pressure measure



41674-80

80 g



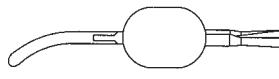
41675-50

50 g

para uso temporal

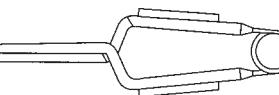
El interior de las quijadas viene en forma de pirámide
 para un agarre seguro y cuidadoso de los vasos.

Debido a la calibración exacta de la fuerza de cierre
 se ofrece una aplicación sin riesgo.



41675-80

80 g



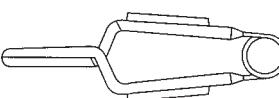
41676-50

50 g



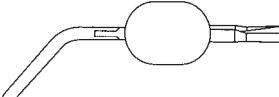
41676-80

80 g



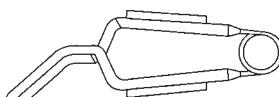
41677-50

50 g



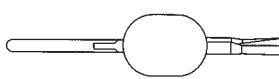
41677-80

80 g



41678-50

50 g



41678-80

80 g

Approximator nach Biemer
 Biemer Approximator
 Aproximadores de Biemer
 Approssimatore secondo Biemer

für Mikro-Gefäßanastomosen im oberflächlichem Bereich

Maulinnenflächen schräg gerieft für schonendes, sicheres Festhalten der Gefäße

Der fest eingestellte Schließdruck gewährt risikofreie Anwendung

Der Abstand zwischen den Clips ist durch einfaches Verschieben einzustellen und wird durch Verkanten fixiert

for micro vessel anastomosis in the superficial range

Blade gripping surface with oblique serrations for save but careful gripping of vessels

No risk due to rigidly fixed pressure measure

Adjustable distance between the clips and automatic fixation by tilting

para micro-anastomosis en la superficie

El interior de la quijada 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.

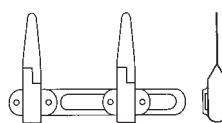
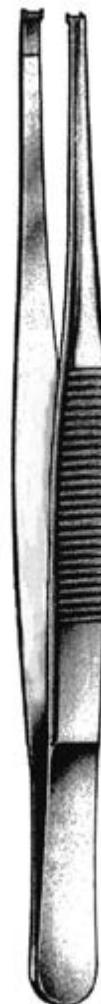
El espacio entre los clips se logra fácilmente por el desplazamiento.

per micro vasi anastomosi sulla parte della superficie

Parte interna del morso è leggermente striata obliqua per ottenere la presa sulla superficie del vaso.

La chiusura regolata garantisce nessun rischio.

Lo scorrimento delle due clips viene regolato con semplice movimento che consente una chiusura ottimale.



41679-25

Schließkraft
 Closing Force
 Fuerza de cierre
 Forza di chiusura

25 - 30 g
 (0,25 - 0,29 N)

BIEMER
 41680-00

Anlegepinzette für Gefäß-
 Approximator nach BIEMER

Applying forceps for BIEMER
 vessel approximator

Pinza de aplicación para
 aproximadores de BIEMER

Pinza posa clips per vasi
 approssimatori secondo
 BIEMER

LEYLA Retraktor System
 LEYLA Retractor System
 Separador de sistema LEYLA
 LEYLA Sistema di fissaggio



YASARGIL

41801-01	Hirnspatelhalter, flexibel, für 1 flachen Spatel, <u>komplett, bestehend aus:</u> brain retractor, flexible, for 1 flat spatula, <u>complete, consisting of:</u> separador autorententivo, flexible, para espátula con 1 brazo flexible, completo, compuesto de: divisorio 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 Spateln support for flat brain spatula soporte para espátulas cerebrales planas sostegno per spatole piatte

YASARGIL

41802-02	Hirnspatelhalter, flexibel für 2 flache Spateln, <u>komplett, bestehend aus:</u> brain retractor, flexible, for 2 flat spatulas, <u>complete, consisting of:</u> separador autorententivo, flexible, para 2 espátulas planas con 2 brazos flexibles, completo, compuesto de: divisorio 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 Spateln (2x) support for flat brain spatula (2x) soporte para espátulas cerebrales planas (2x) sostegno per spatole piatte (2x)



LEYLA Retraktor 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 Hirnspateln 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 Hirnspateln 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



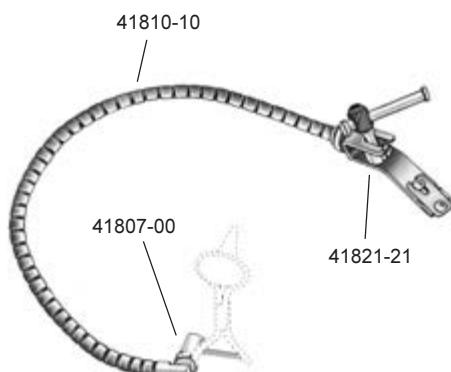
LEYLA Retraktor System
 LEYLA Retractor System
 Separador de sistema LEYLA
 LEYLA Sistema di fissaggio



41810-10

YASARGIL

41810-10 flexibler Spannarm, allein
 flexible arm, only
 brazo flexible, suelto
 braccio flessibile, solo



41810-10

41807-00

41821-21

YASARGIL

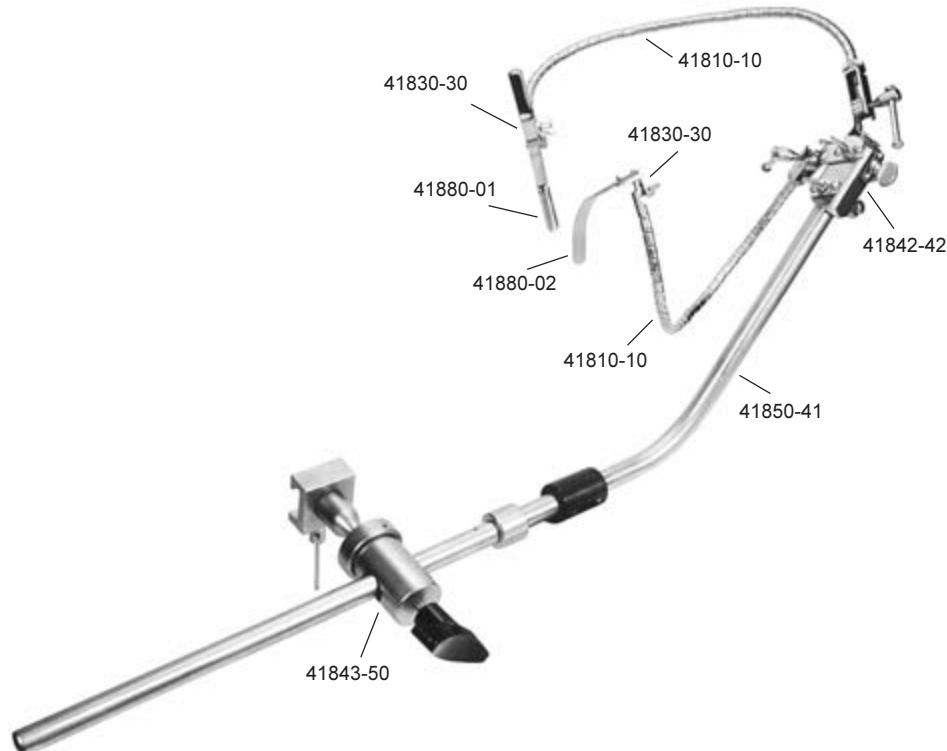
41803-01 Ohrspekulahalter, komplett, bestehend aus:
ear specula holder, complete, consisting of:
soporte para especulos auriculares completo,
compuesto de:
sostegno per specolo auricolare, completo
composto da:

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 Ohrrichterhalter, allein
 ear specula holder, only
 soporte para especulos auriculares, suelto
 sostegno per specolo auricolare

LEYLA Retraktor System
LEYLA Retractor System
Separador de sistema LEYLA
LEYLA Sistema di fissaggio



41802-00	LEYLA-Retraktor-System zum Fixieren am OP-Tisch komplett, bestehend aus: LEYLA Self-Retraining Retractor for fixation to operating table, complete, consisting of: Separador LEYLA para fijacion a la mesa de operaciones, completo, compuesto de: LEYLA Sistema di fissaggio al tavolo operatorio, composto da:		
41843-50	Kugelgelenkkloben (1x) ball and socket joint (1x) articulacion esferica (1x) giunto per fissare (1x)	41830-30	Spatelhalter für flache Spateln (2x) support for flat brain spatula (2x) soporte para espátulas cerebrales planas (2x) sostegno per spatole piatte (2x)
41850-41	starrer Haltearm (1x) rigid holding rod (1x) brazo de fijación rígido (1x) braccio di fissaggio rigido (1x)	41880-01	CUSHING Hirnspatel (1x) CUSHING brain spatula (1x) CUSHING espátula para cerebro (1x) CUSHING spatola cerebrale (1x)
41842-42	Kupplungskopf (1x) coupling head (1x) cabeza de acoplamiento (1x) giunto per combinare (1x)	41880-02	CUSHING Hirnspatel (1x) CUSHING brain spatula (1x) CUSHING espátula para cerebro (1x) CUSHING spatola cerebrale (1x)
41810-10	flexibler Spannarm (2x) flexible arm, only (2x) brazo flexible, suelto (2x) 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 rígido 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 rígido, 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



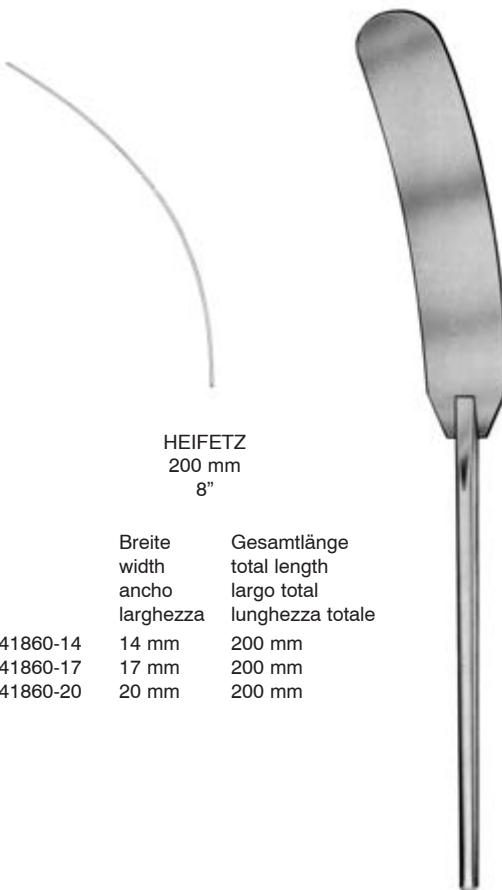
41842-42 Kupplungskopf, zur Aufnahme von
 max. 5 flexiblen Spannarmen
 41810-10
 coupling head to hold 5 flexible
 arms 41810-10
 cabeza de acoplamiento para fijar
 hasta 5 brazos flexibles
 giunto per combinare 5 bracci



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

41842-46 Kupplungskopf, seitlich offen zur Aufnahme von 1
 flexiblen Spannarm 41810-10
 coupling head, lateral open, to hold 1 flexible arm
 41810-10
 acoplamiento, abierto al lado, para un brazo flexible
 41810-10
 giunto per fissare il braccio, per 41810-10

Hirnspatel
Brain Spatulas
Espátula Cerebral
Spatole Cerebrali



HEIFETZ
200 mm
8"

	Breite width ancho larghezza	Gesamtlänge total length largo total lunghezza totale
41860-14	14 mm	200 mm
41860-17	17 mm	200 mm
41860-20	20 mm	200 mm

biegsam
malleable
maleable
malleabili



HEIFETZ
155 mm
6"

	Breite width ancho larghezza	Gesamtlänge total length largo total lunghezza totale
41870-08	8 mm	155 mm
41870-11	11 mm	155 mm
41870-14	14 mm	155 mm
41870-17	17 mm	155 mm

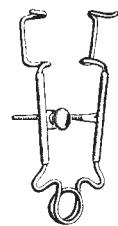
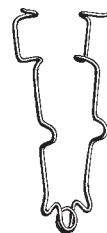
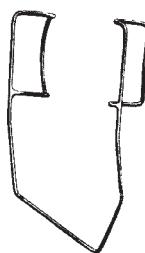
	Breite width ancho larghezza	Gesamtlänge total length largo total lunghezza totale
41880-01	9 mm	200 mm
41880-02	12 mm	200 mm
41880-03	12 mm	250 mm

biegsam
malleable
maleable
malleabili



CUSHING
200 mm, 8"

Lidsperrer
Eye Specula
Blefaróstatos
Blefarostati



BARRAQUER (Colibri)

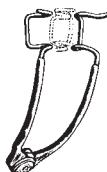
43101-03 3 cm, 1.2" für Kinder / children / niños / bambini
43101-04 4 cm, 1.6" für Erwachsene / adults / adultos / adulti

BOWMAN

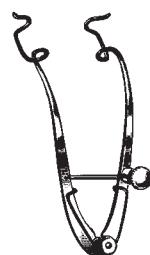
43104-07 7 cm, 2 3/4"
7 cm, 2 3/4"

CRITCHETT

43105-06 7 cm, 2 3/4"
7 cm, 2 3/4"



SMITH
43106-05
5 cm, 2"



CLARK
43107-08
8 cm, 3 1/8"

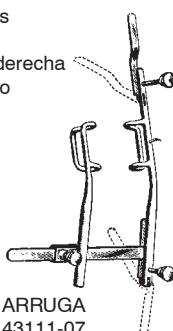


GRAEFE
43109-07 7 cm, 2 3/4"
43109-09 9 cm, 3 1/2"

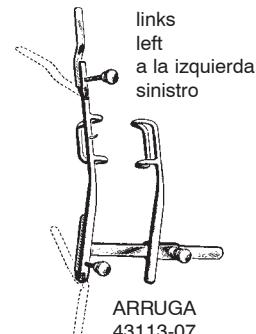


WEEK
43110-08
8 cm, 3 1/8"

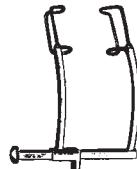
rechts
right
a la derecha
destro



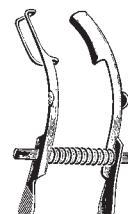
ARRUGA
43111-07
7 cm, 2 3/4"



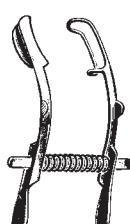
links
left
a la izquierda
sinistro



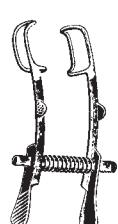
MURDOCK
43115-05
5 cm, 2"



MELLINGER-AXENFELD
43121-07
7 cm, 2 3/4"



MELLINGER-AXENFELD
43123-07
7 cm, 2 3/4"



MELLINGER
43125-05 5 cm, 2"
43125-07 7 cm, 2 3/4"

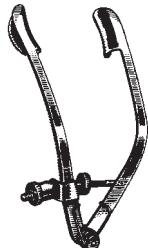


LISTER-BURCH
43127-08
8 cm, 3 1/8"



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



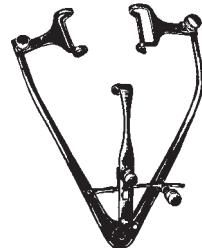
LANCASTER
43129-07
7 cm, 2 3/4"



ZIEGLER
43130-07
7 cm, 2 3/4"



CASTROVIEJO
43132-08
8 cm, 3 1/8"



PARK
43133-08
8 cm, 3 1/8"



MUELLER
43135-07
7 cm, 2 3/4"



STEVENSON
43139-07
7 cm, 2 3/4"



LIEBERMAN
43140-08
8 cm 3 1/8"



LIEBERMAN
43141-08
8 cm 3 1/8"



JAEGER
43150-11
11 cm, 4 3/8"



43170-00



43170-01



43170-02



43170-03



DEUTSCHMANN
43172-13
13 cm, 5 1/8"

GRAEFE
43170-00 - 43170-03
13 cm, 5 1/8"

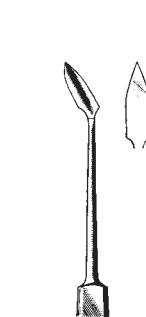
Lanzenmesser, Diszisionsmesser, Irismesser, Diszisionsmesser
 Cataract knife, keratome, Iris knife, discision knife
 Cuchillos lanceolares y Cuchillos de discisión
 Cheratom, bisturi p. capsule, bisturi corneale



JAEGER
 43180-01 43180-02 43180-03
 Fig. 1 Fig. 2 Fig. 3
 13 cm, 5 1/8" 13 cm, 5 1/8" 13 cm, 5 1/8"



43180-01 - 43181-03
BERENS
 43183-13
 13 cm, 5 1/8"



CASTROVIEJO
 43185-13 13 cm
 4 x 13 mm



JAEGER 45°
 43181-01 43181-02 43181-03
 Fig. 1 Fig. 2 Fig. 3



GRAEFE
 43187-13
 13 cm, 5 1/8"



KNAPP
 43202-01 43202-02 43202-03
 Fig. 1 Fig. 2 Fig. 3
 13 cm, 5 1/8" 13 cm, 5 1/8" 13 cm, 5 1/8"



ZIEGLER
 43210-01 5 mm
 Fig. 1
 13 cm, 5 1/8"



ZIEGLER
 43210-02 6 mm
 Fig. 2
 13 cm, 5 1/8"



ZIEGLER
 43210-03 7 mm
 Fig. 3
 13 cm, 5 1/8"



DEAN
 43213-12
 12,5 cm, 5"

Hornhautmesser, Hornhautschaber, Dissektor, Sklerotom, Goniotomiemesser
 Corneal Scarifier, -dissector, sclerotome, goniotomy knife
 Cuchillos para cornea, legras corneales, esclerótomas
 Spatole p. corneale, dissettore corneale, sclerotomo, coltello per goniotomia



WHEELER
43218-12
12 cm, 4 $\frac{3}{4}$ "
3,5 mm



ZIEGLER
43221-11
11 cm, 4 $\frac{3}{8}$ "



TOOK
43228-12
12 cm, 4 $\frac{3}{4}$ "



GILL
43231-12
12 cm, 4 $\frac{3}{4}$ "



ELSCHNIG
43233-13
13 cm, 5 $\frac{1}{8}$ "



PATON
43245-12
12 cm, 4 $\frac{3}{4}$ "



LUNDSGAARD
43251-12
12 cm, 4 $\frac{3}{4}$ "



GUYTON-LUNDSGAARD
43253-12



BARKAN
43256-12



SCHEIE
43258-12



BURCH
43262-12



PAUFIQUE
43271-11



BARRAQUER
43273-13

Diszisionsnadeln, Fremdkörpernadeln, Fremdkörperhohlmeißel
 Discision Needles, Foreign-Body Instruments
 Aguas 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

LEVINSON
43314-13FRANCIS
43321-12DAVIS
43325-13LA FORCE
43327-12DIX
43330-13ELLIS
43331-11WALTON
43332-12
1,4 mmWALTON
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, prottectori, uncini per l'iride



ROLLET
43376-13

KNAPP
43377-13

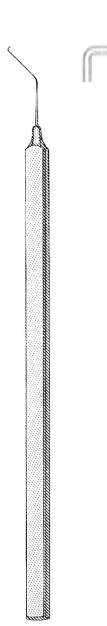
GRAEFE
43380-13

GRAEFE
43381-13

GRAEFE
43383-13

BECKER
43386-13

Implantations Instrumente
Instruments for Implantation
Instrumentos para implantaciòn
Strumenti per impianto



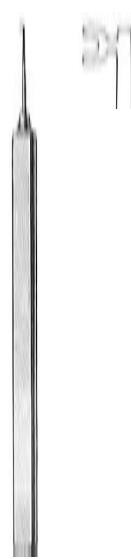
CLAYMAN
43387-02
11,5 cm 4 1/2"



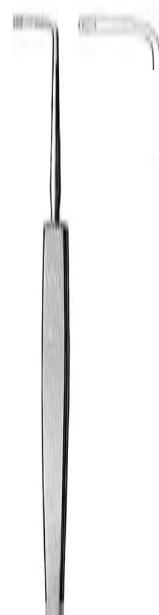
SINSKEY
43388-02
11,4 cm 4 1/2"



SINSKEY
43389-02
12 cm 4 3/4"

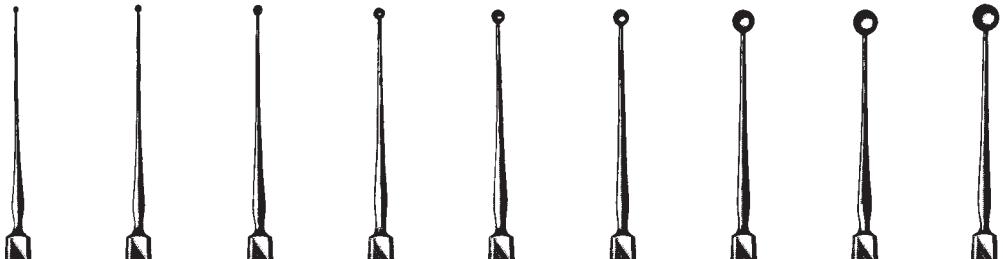


KUGLEN
43390-05
11,7 cm 4 5/8"



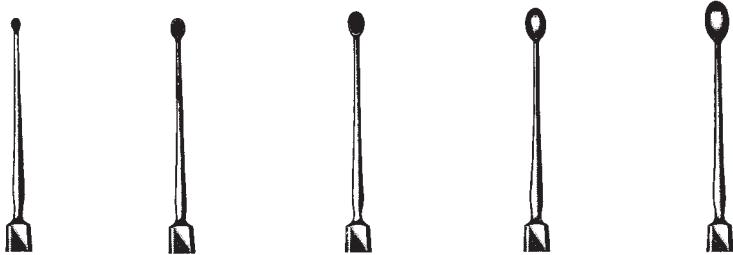
GASS
43391-13
14,6 cm 5 3/4"

Küretten und Löffel für Chalazion und Star
 Scoops and Curettes for Chalazio, Cataract, and Exenteration
 Curetas y cucharillas para chalazón, catarata y exenteración
 Curette e cucchiali per calazio, cateratta e palpebre



MEYHOEFER

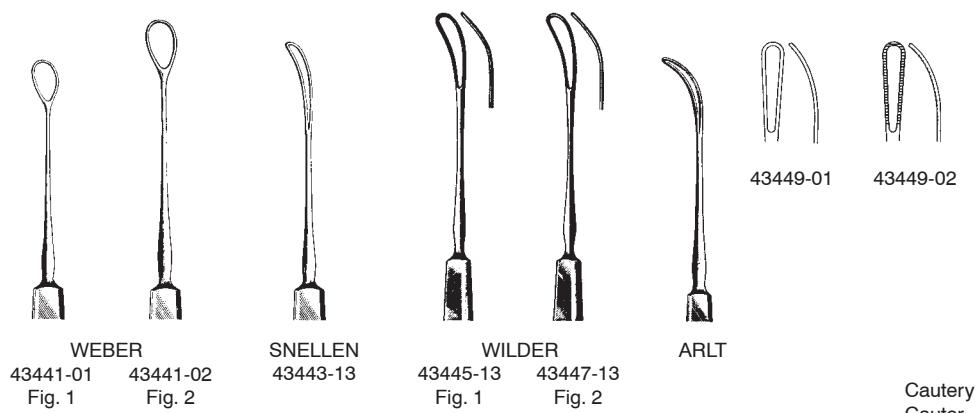
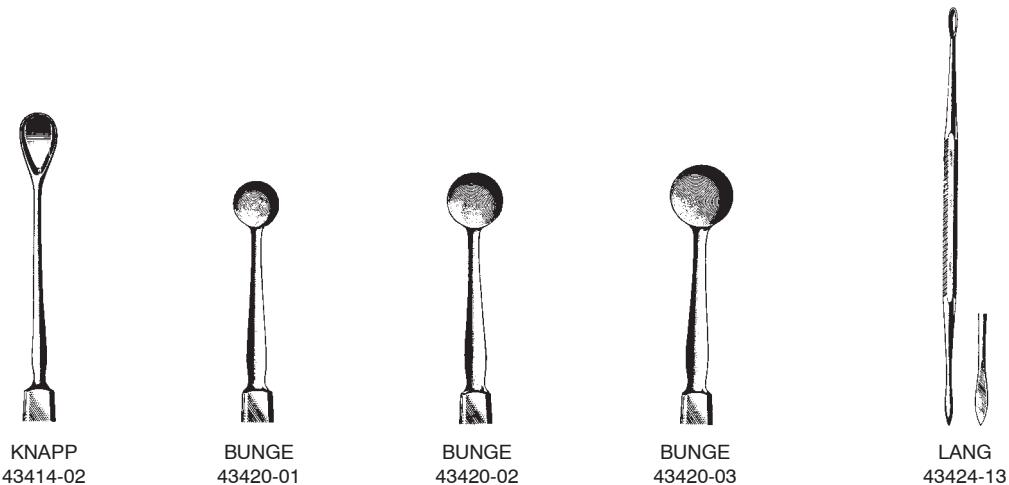
43402-05	43402-10	43402-15	43402-18	43402-20	43402-25	43402-35	43402-40	43402-45
Ø mm 0,5	1,0	1,5	1,8	2,0	2,5	3,5	4,0	4,5



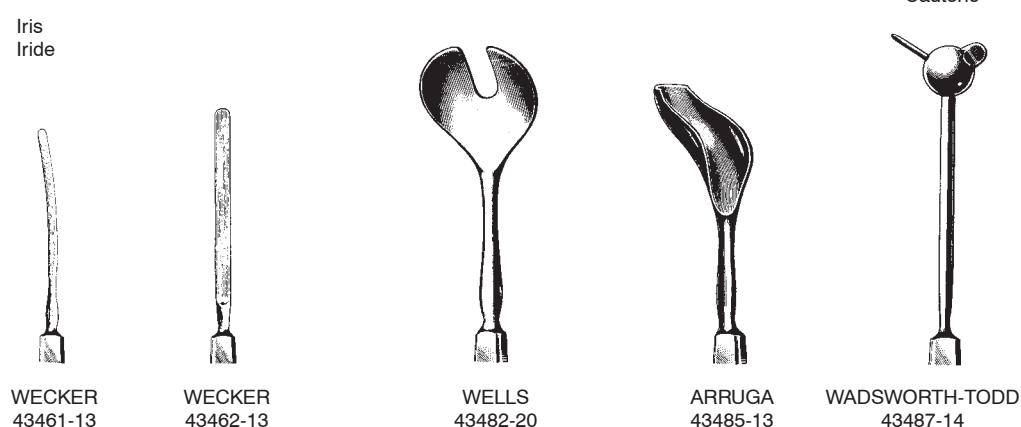
HEBRA 43404-10 Ø mm 1,0	HEBRA 43404-20 2,0	HEBRA 43404-24 2,5	HEBRA 43404-30 3,0	HEBRA 43404-35 3,5
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AXENFELD
43407-13GRAEFE
43410-01GRAEFE
43410-02DAVIEL
43412-01
3 mmDAVIEL
43412-02
4 mm

Starlöffel, Exenterationslöffel, Drahtschlingen, Starschlingen, Irisspatel, Enukleationslöffel, Wundlöffel
 Cataract Spoon, Exenteration Scoops, Lens Scoops, Spatulas, Protectores
 Cucharillas para Catarata-, exenteraciòn, Asas, Espàtulas, Protectores
 Cucchiaio per cateratta- esenterazione, Anse, Spatole, Protettori



Iris
Iride



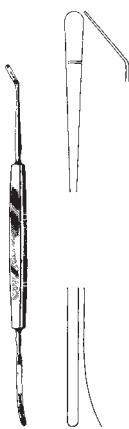
Zyklodialysespatel, Fremdkörperinstrumente
 Cyclodialysis Spatula, Foreign Body Instruments
 Espátulas para ciclodialisis, Instrumentos para cuerpos extraños
 Spatole per ciclodialis, Strumenti per corpi estranei



BANGERTER

43501-06
6 mm43501-10
10 mm43501-12
12 mm

43511-13 - 43517-09

CASTROVIEJO
43511-13
1,2 x 10 mmCASTROVIEJO
43513-14
1,5 x 15 mmELSCHNIG
43515-14
1,2 x 12 mmCASTROVIEJO
43517-09
0,8 x 15 mmCASTROVIEJO
43521-12
12 cm, 4 3/4"WHEELER
43523-12
12 cm, 4 3/4"HIRSCHMAN
43524-10
12,5 cm, 5"CASTROVIEJO
43525-05 0,50 mm
43525-07 0,75 mm
43525-10 1,00 mmBECHERT
43526-12
12,5 cm, 5"

Fremdkörperinstrumente, Meßzirkel, Kapselstanze

Foreign- Body Instruments, Markers, Corneoscleral punch

Instrumental para cuerpos extraños, Compás de la cápsula, Pinza para capsuloiridectom

Strumenti per corpi estranei, Marcatori, Pinza per capsula



DIX
43542-12



DIX
43544-12



DIX
43546-13



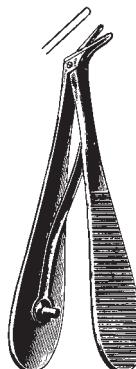
DIX
43548-13



CASTROVIEJO
43583-07 0-20 mm
7 cm, 2 3/4"



CONNIN-AMSLER
43589-13



HOLTH
43593-09
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



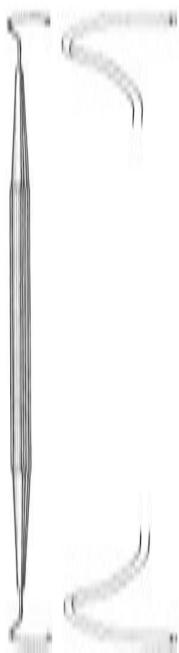
WILDER
43602-03



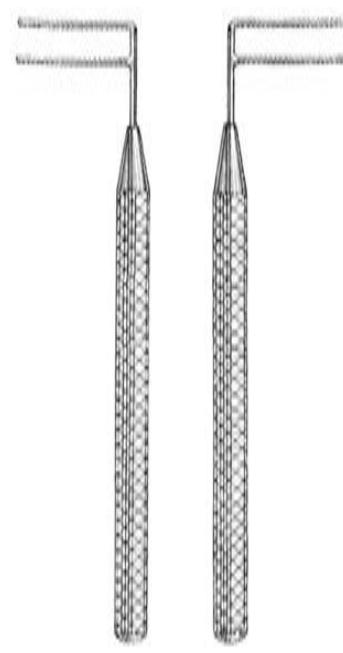
Fig. ZIEGLER
 1/2 43605-12
 3/4 43605-34
 5/6 43605-56



CASTROVIEJO
43608-12



WURST
43609-14
14,9 cm 5 7/8"



HARMS
43610-01 43610-02
4,8 cm 1 7/8"



geknöpft
 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

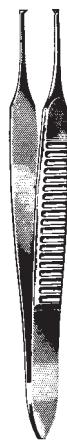
Pinze per iride



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



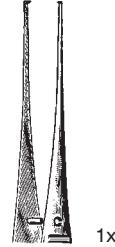
GRAEFE
43810-10
10 cm
4"



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"



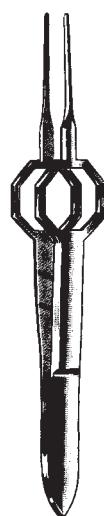
STEVENS
 43840-10
 10,5 cm
 4.1"



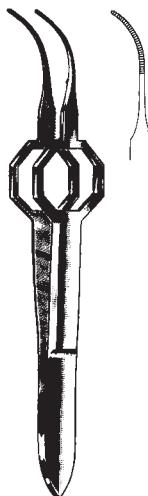
STEVENS
 43841-10
 10,5 cm
 4.1"



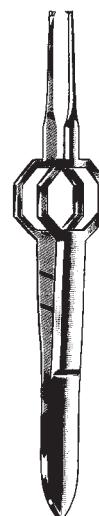
STEVENS
 43843-10
 10,5 cm
 4.1"



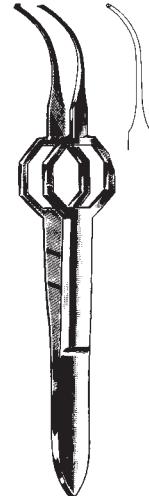
FOERSTER
 43850-08
 8,5 cm, 3.4"



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

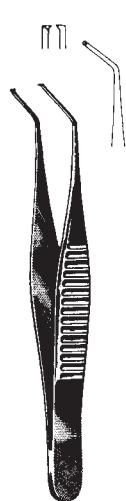
Iris Forceps

Pinzas para iris

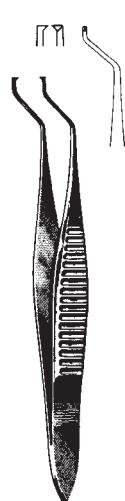
Pinze per iride

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



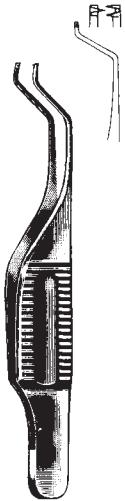
HESS
43857-07
7 cm (2 3/4")/
0,3 mm



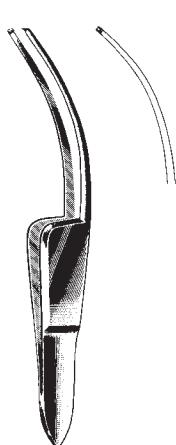
GILL
43861-07
7,5 cm (3")/
0,3 mm



GILL-HESS
43863-07
7,5 cm (3")/
0,3 mm



GILL-HESS
43865-07
7,5 cm (3")/
0,3 mm



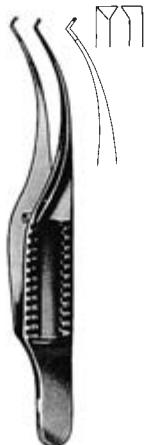
FISCHER
43869-07
7 cm (2 3/4")



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-Pinzen
 Fixation forceps, Strabismus-Forceps
 Pinza para fijación, Pinzas para estrabismo
 Pinza per fissatrice, Pinze per strabismo

1x2



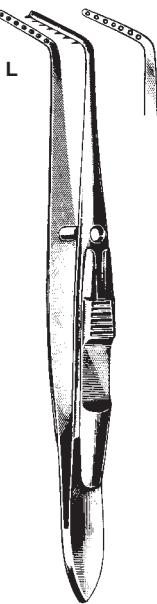
KIRBY-ARTHUR
 43891-09 9 cm, 3 $\frac{1}{2}$ "
 0,2 mm



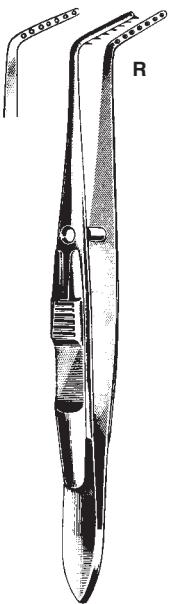
McCULLOUGH
 43902-09
 9,5 cm, 3 $\frac{3}{4}$ "



McCULLOUGH
 43903-09
 9,5 cm, 3 $\frac{3}{4}$ "



JAMESON
 43907-10
 10 cm, 4"



JAMESON
 43909-10
 10 cm, 4"



BONACCOLTO
 43914-10
 10 cm, 4 $\frac{1}{2}$ /1,7 mm



BONACCOLTO
 43916-10
 10 cm, 4 $\frac{1}{2}$ /1,2 mm

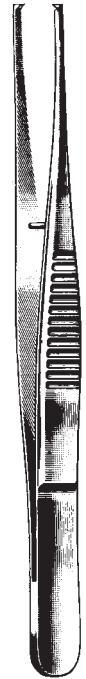


BONACCOLTO
 43920-11
 11 cm, 4 $\frac{3}{8}$ "

Strabismus-Pinzen, Iris-Pinzen
 Strabismus-Forceps, Iris Forceps
 Pinzas para estrabismo, Pinzas para iris
 Pinze per strabismo, Pinze per iride



DASTOOR
 43924-11
 11 cm, 4 3/8"



DASTOOR
 43926-11
 11 cm, 4 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



BISHOP-HARMAN
 43942-05 8,5 cm, 3,4"
 0,5 mm



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 guia
 con perno di guida

ohne Führungsstift
 without guide pin
 sin perno guia
 senza perno di guida



MOD. BONN
 43944-07
 7 cm, 2 3/4"
 0,12 mm



MOD. BONN
 43946-07
 7 cm, 2 3/4"
 0,12 mm



MOD. BONN
 43948-10
 10 cm, 4"
 0,12 mm



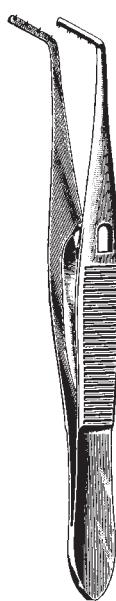
MOD. TÜBINGEN
 43950-10
 10 cm, 4"



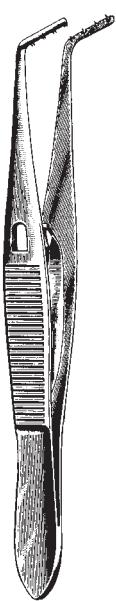
MOD. BONN
 43952-10
 10 cm, 4"/0,12 mm



MOD. TÜBINGEN
 43953-10
 10 cm, 4"



PRINCE
 43955-10
 10 cm, 4"



PRINCE
 43956-10
 10 cm, 4"

L

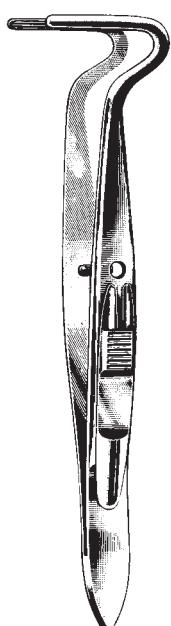
R

Muskelpinzen, Fixationspinzen

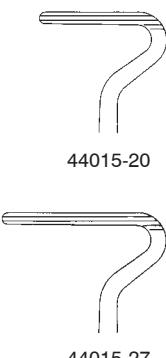
Muscle Forceps, Fixation Forceps

Pinzas musculares, Pinzas para fijación

Pinze muscolari, Pinze per fissaggio



BERKE
44015-20 - 44015-27
10 cm, 4"



44015-20

44015-27



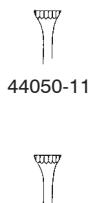
TROUTMAN
44017-08 8,5 cm, 3.4"
0,8 mm



ELSCHEINIG
44046-11
11 cm, 4 3/8"



GRAEFE
44050-11 - 44052-11
11 cm, 4 3/8"



44050-11
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

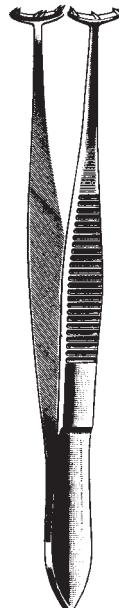


CASTROVIEJO
 44068-09
 9 cm, 3 1/2"

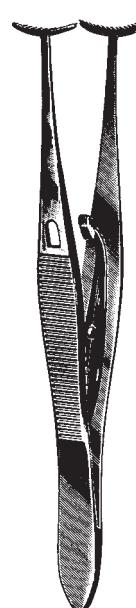
2x2



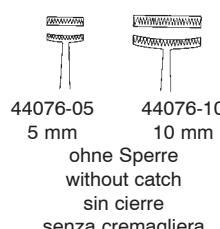
CASTROVIEJO
 44069-09
 9 cm, 3 1/2"



BARRAQUER
 44074-10
 10 cm, 4"



GREEN
 44076-05 - 44078-10
 10 cm, 4"



44076-05 44076-10

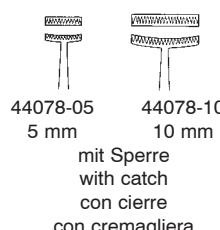
5 mm 10 mm

ohne Sperre

without catch

sin cierre

senza cremagliera



44078-05 44078-10

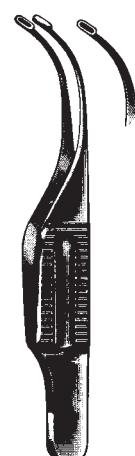
5 mm 10 mm

mit Sperre

with catch

con cierre

con cremagliera



GILL-ARRUGA
 44101-07
 7,5 cm, 3"

Kapselpinzetten
 Capsular Forceps
 Pinzas capsulares
 Pinze capsulare



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"



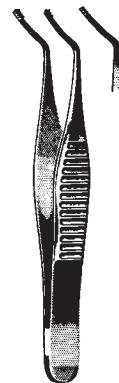
SCHWEIGGER
44117-10
10 cm, 4"



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



1x2



CASTROVIEJO

10 cm, 4"

44150-01 0,12 mm

44150-03 0,30 mm

44150-05 0,50 mm 44151-05

44150-10 1,00 mm 44151-10

44150-15 1,50 mm 44151-15

Zahn
tooth
diente
dente

CASTROVIEJO

10 cm, 4"

44151-05

MOORFIELD

44164-10

10 cm, 4"

St. MARTIN

44166-07

7 cm, 2 3/4"

Mod. TÜBINGEN

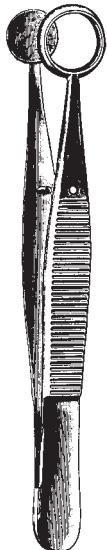
44181-10

10 cm, 4"

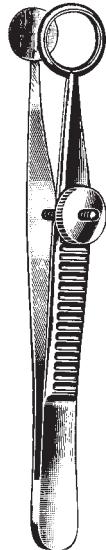
1x2

PAUFIQUE
44190-08
8,5 cm, 3,4"McPHERSON
44210-10
10 cm, 4"McPHERSON
44220-10
10 cm, 4"

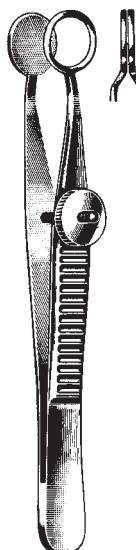
Pinzetten für Chalazion und Trachom
 Forceps for Chalazion and Trachoma
 Pinzas de chalazión y para tracoma
 Pinze per calazio e per trichiasi



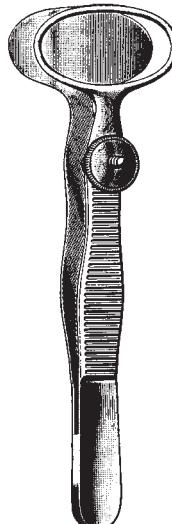
AYER
44240-09
9 cm, 3 1/2"



AYER
44242-09
9 cm, 3 1/2"



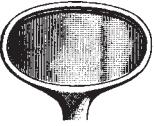
LAMBERT
44246-09
9 cm, 3 1/2"



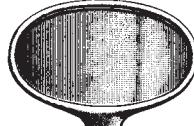
DESMARRES
44254-09 - 44258-09
9 cm, 3 1/2"



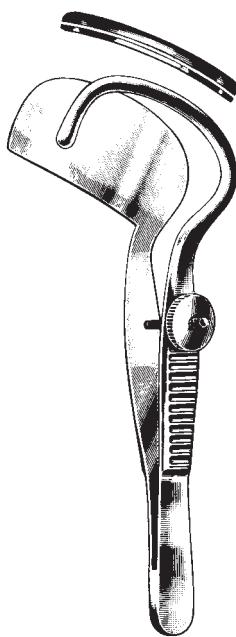
44254-09 20 mm
Fig. 1



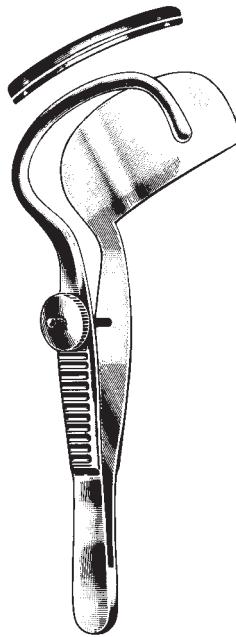
44256-09 24 mm
Fig. 2



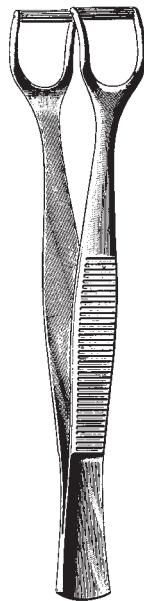
44258-09 32 mm
Fig. 3



SNELLEN
44265-10 10 cm, 4"

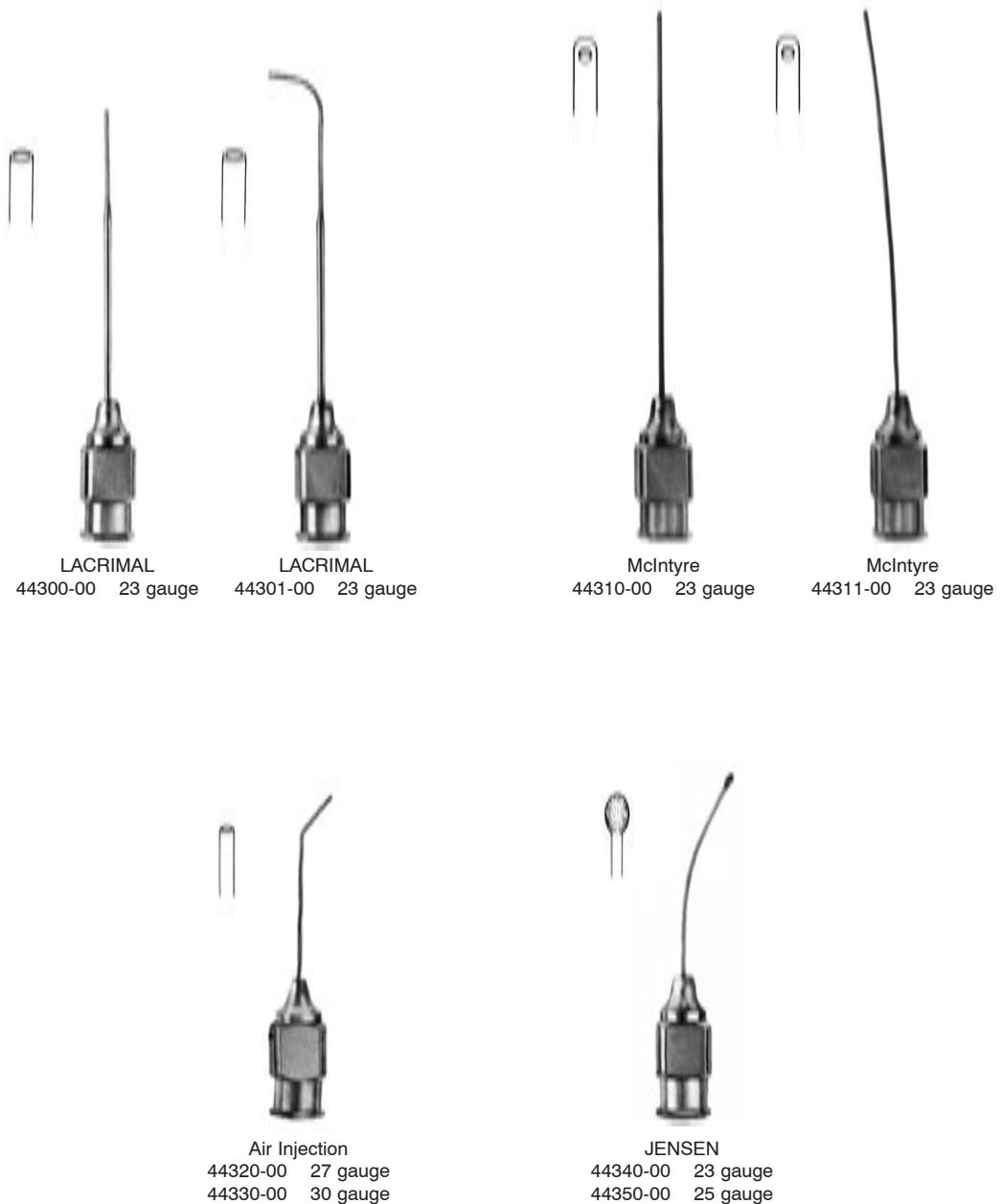


SNELLEN
44267-10 10 cm, 4"



KNAPP-LUER
44274-11 11 cm, 4 3/8"

Augenkanülen
Eye Cannulas
Cáñulas oculares
Cannule oculistiches



Spül- und Saugkanülen, Augenkanülen
Irrigation and Aspiration Cannulas, Eye Cannulas
Cáñulas de irrigación y aspiración, Cáñulas 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



Schlioetz	44404-00	44406-00
Skala	gerade	schräg
scale	straight	oblique
escala	recta	oblícuo
scala	retta	obliqua
	44404-00 G	geeicht
	44406-00 G	calibrated
		calibrado
		calibrato



Augenmagnet, Ciliengriffel

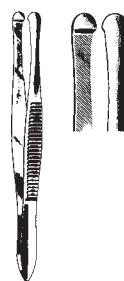
Eye Magnet, Cilia Forceps

Imà̄n para cuerpos extraños, Pinzas depilatorias

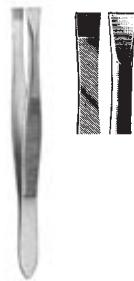
Calamita per corpi estranei, Pinze depilatorie



REDA
44408-00



BEER
44420-09
9 cm, 3 1/2"



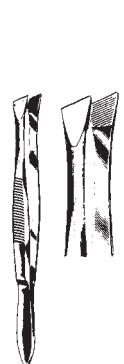
DOUGLAS
44422-09
9 cm, 3 1/2"



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

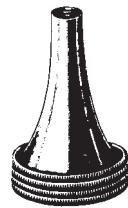


POLITZER
45009-00
Set = 3

Innen Ø
○ = 2,0 mm
45009-02

○ = 3,0 mm
45009-03

○ = 4,0 mm
45009-04



HARTMANN
45010-00
Set = 4

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

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, rund
45014-00
Set = 4

○ Innen Ø
= 4,5 mm
45014-45

○ = 5,5 mm
45014-55

○ = 6,5 mm
45014-65

○ = 7,5 mm
45014-75



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

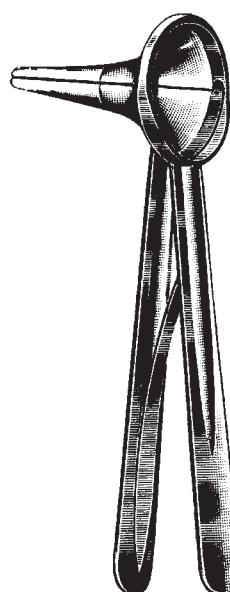
Ohrspekula
Ear Specula
Espéculos auriculares
Specoli auricolari

○
45020-01
 \varnothing 3 mm

○
45020-02
 \varnothing 4 mm

○
45020-03
 \varnothing 5 mm

○
45020-04
 \varnothing 6 mm



RICHNAU-HOLMGREN

Ohrspekula
Ear Specula
Espéculos auriculares
Specoli auricolari

6,5 mm



45030-06

7,5 mm



45030-07

8,2 mm

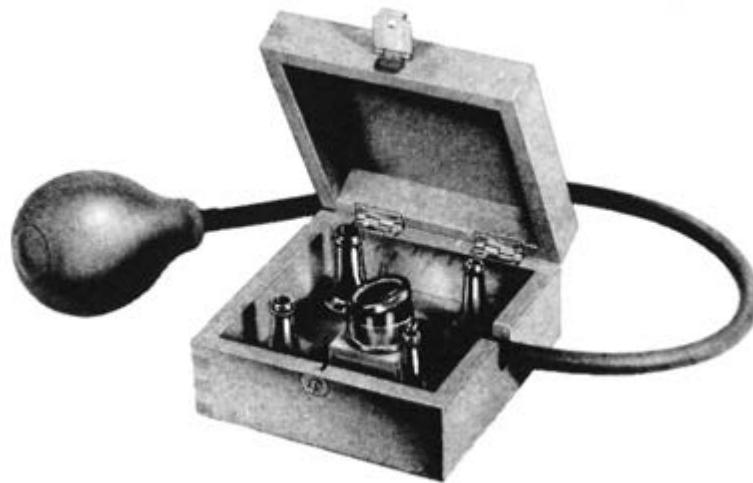


45030-08

10 mm



45030-10



BRUENINGS
45030-04

45030-04

Komplett bestehend aus:
4 Spekula, Saugkammer mit
Gebläse, Holzetsui

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



6,5 mm Ø



7 mm Ø



8 mm Ø



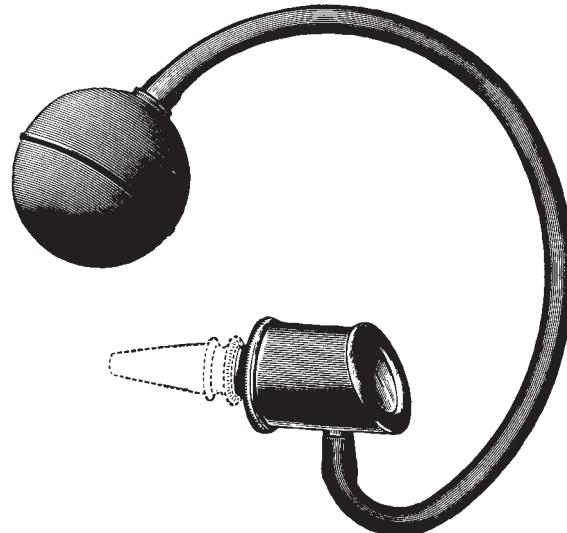
45036-06



45036-07



45036-08



SIEGLE
45036-03

45036-03

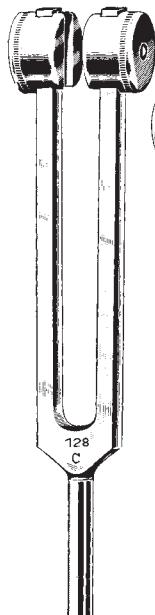
Komplett bestehend aus:
Ohrspekulum, 3 Spekula, 1 Gebläse

Complete consisting of:
Ear Specula, 1 rubber tube with bulb

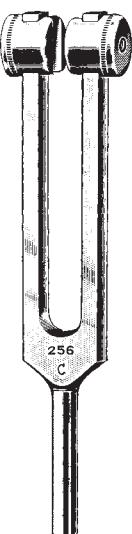
Compuesto de:
Otoscopio con 3 espéculos, insuflador y tubo

Composta da:
Otoscopio con 3 specoli e 1 insufflatore con tubo

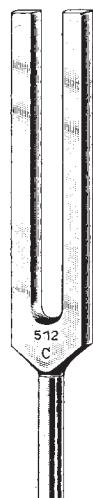
Stimmgabeln
Tuning Forks
Diapasones
Diapason



45060-01
C 128



45060-02
C¹ 256



45060-03
C² 512



45060-04
C³ 1024



45060-05
C⁴ 2048

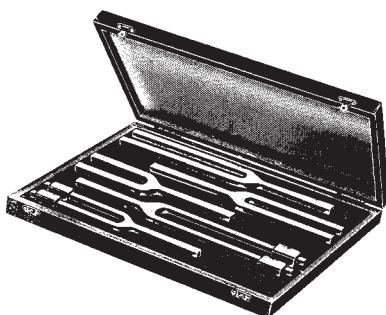
ALU



45061-00
compl.



STAINLESS



HARTMANN

45070-01
C 128

45070-02
C¹ 256

45070-03
C² 512

45070-04
C³ 1024

45070-05
C⁴ 2048

45070-06
C⁵ 4096

HARTMANN
45071-00
compl.

Stimmgabeln
Tuning Forks
Diapasones
Diapason



45072-01
a' 440



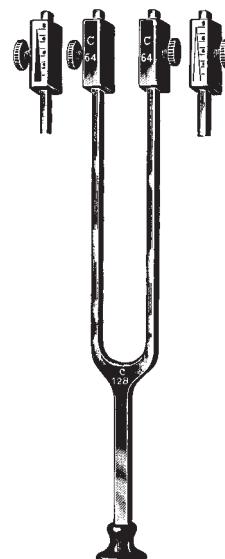
LUCAE
45073-01 C 128
45073-02 C¹ 256
45073-03 C² 512
45073-04 C³ 1024
45073-05 C⁴ 2048
45073-06 C⁵ 4096



LUCAE
45074-01
C 128



45075-00

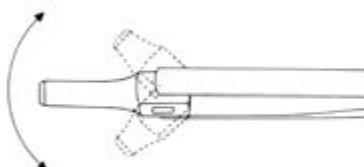
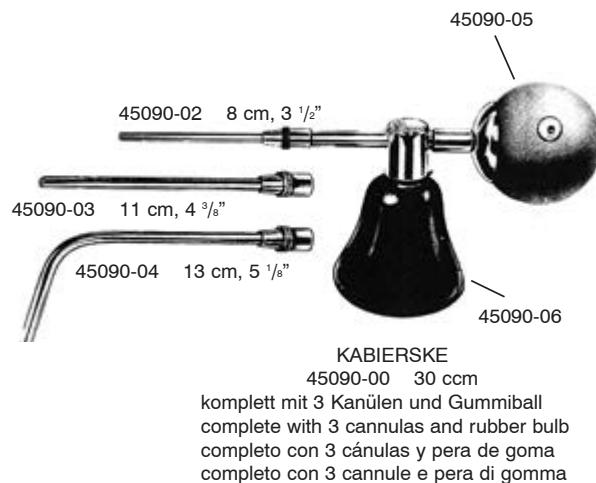


RYDEL-SEIFFERT
45076-01 C 128 / C 64

Lärmtrömmel, Pulverbläser
 Noise Apparatus, Powder Blowers
 Ensorcededor, Lanzapolvo
 Assorditore, Insoffiatori per polvere



BARANY
45080-00



UNIVERSAL
45090-08

Komplett mit beweglicher Düse,
 Schraubflasche 30 ccm und Halbgebläse
 complete with movable tube, screw bottle
 30 ccm and rubber bulb

completo con tubo móvil botella con rosca
 30 ccm y pera de goma
 completo con tubo mobile, bottiglia con
 filettatura 30 ccm e pera di insufflazione

Luftdusche, Ohrspritze
 Air Bag, Ear Syringe
 Insuflador de aire, Jeringa
 Insoffiatore d'aria, Siringa Auricolare



45091-02
 Gummibirne alleine
 Rubber bulb only
 Pera de goma, sola
 Pera di gomma, sola



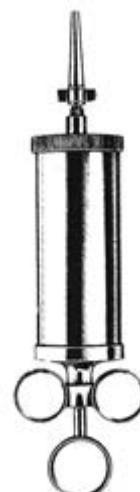
45091-03 45091-04 45091-15
 4 mm Ø 15 mm Ø



45091-17 45091-22
 17 mm Ø 22 mm Ø

POLITZER
 45091-00 Set
 incl.
 45091-03
 45091-15
 45091-17
 45091-22

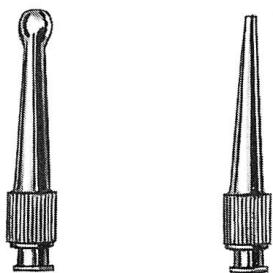
POLITZER
 45091-01 Set
 incl.
 45091-03
 45091-04
 45091-15
 45091-17
 45091-22



ml REINER
 50 45096-50
 75 45096-75
 100 45097-10
 150 45097-15



45097-01



45097-02 45097-03

Spritze, Küretten
Syringe, Curettes
Jeringa, Curetas
Siringa, Curette



45098-01 1 ml
45098-02 2 ml
45098-05 5 ml
45098-10 10 ml
45098-20 20 ml
45098-50 50 ml

45099-01 1 ml
45099-02 2 ml
45099-05 5 ml
45099-10 10 ml
45099-20 20 ml
45099-50 50 ml

	Innen Ø	1.5 mm	1.9 mm	2.5 mm	2.7 mm	3.4 mm	4.0 mm	4.5 mm
Küretten Curettes Curetas Curette								
stumpf blunt romas smusse	Fig. 00	0	1	2	3	4	5	
	45109-00	45110-00	45110-01	45110-02	45110-03	45110-04	45110-05	
scharf sharp cortantes taglienti		45111-00	45112-00	45112-01	45112-02	45112-03	45112-04	45112-05
stumpf blunt romas smusse		45114-00	45115-00	45115-01	45115-02	45115-03	45115-04	45115-05
scharf sharp cortantes 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

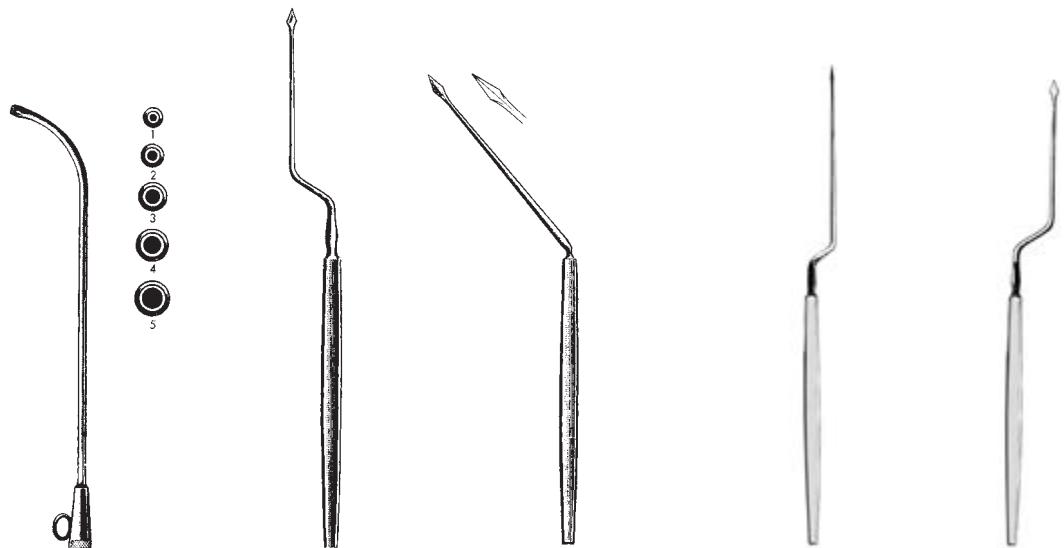


Fig. HARTMANN

- | | | |
|---|----------|--------|
| 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

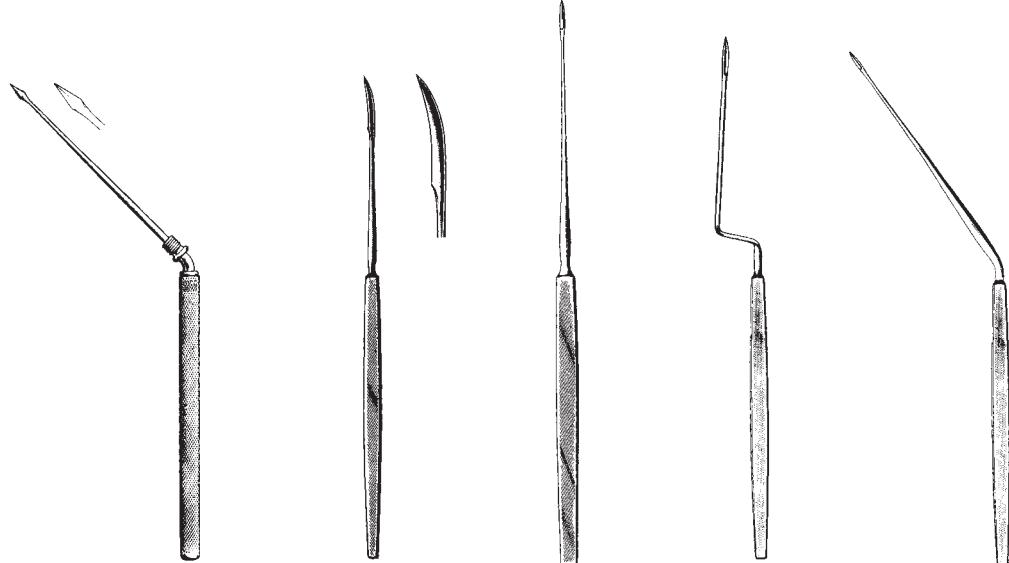
- | | |
|----------|-----------------|
| 45151-16 | 16,5 cm, 6 1/2" |
|----------|-----------------|

LUCAE

- | | |
|----------|-----------|
| 45152-01 | 18 cm, 7" |
|----------|-----------|

LUCAE

- | | |
|----------|-----------|
| 45152-02 | 18 cm, 7" |
|----------|-----------|



POLITZER
45153-16
16 cm, 6 1/4"

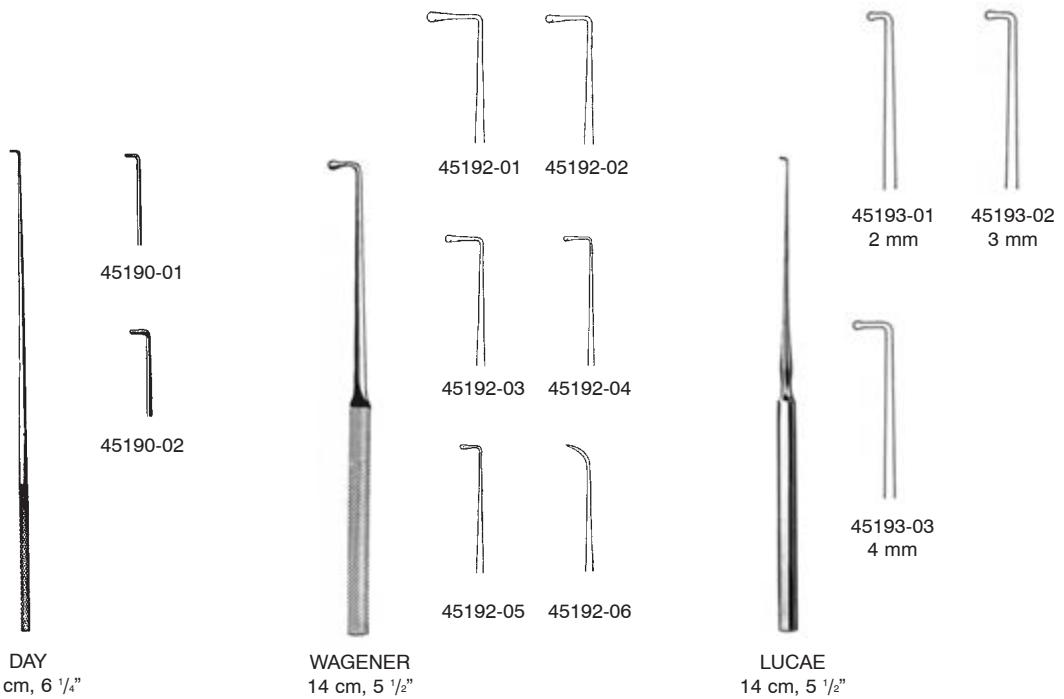
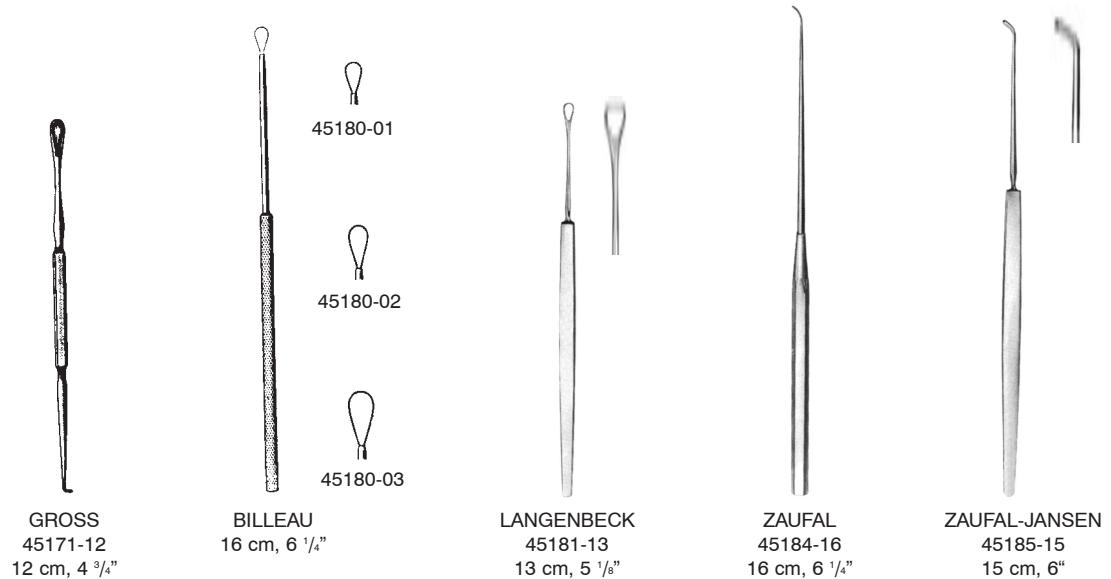
POLITZER
45160-15
15 cm, 6"

SEXTON
45162-18
18 cm, 7"

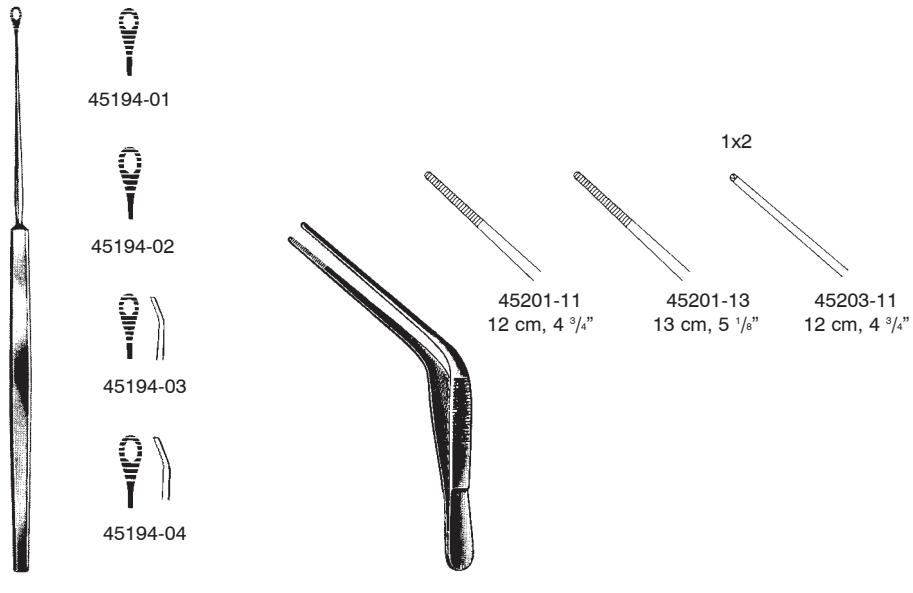
SEXTON
45164-17
17 cm, 6 3/4"

SEXTON
45165-17
17 cm, 6 3/4"

Löffel, Schlingen, Häkchen
 Ear spoons, Loops, Hooklets
 Cucharas, Asas, Ganchitos
 Cucchiai, Anse, Uncinetti

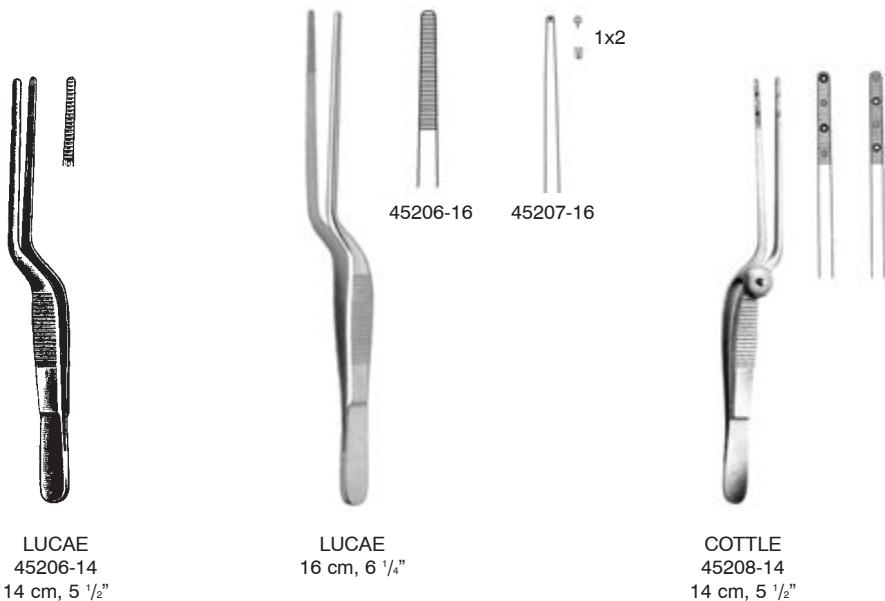


Schlingen, Pinzetten
 Loops, Dressing Forceps
 Asas, Pinzas
 Anse, Pinze



SHAPLEIGH
 13 cm, 5 1/8"

WILDE (TROELTSCH)



LUCAE
 45206-14
 14 cm, 5 1/2"

LUCAE
 16 cm, 6 1/4"

COTTE
 45208-14
 14 cm, 5 1/2"

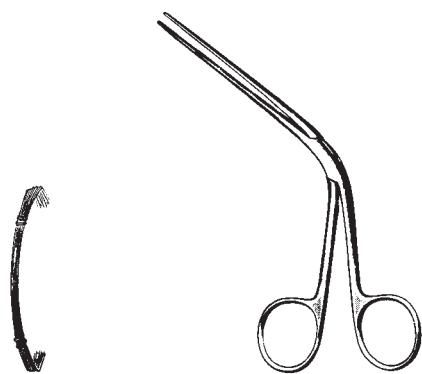
Polypenschnürer, Ohrzängchen
Snares, Ear Forceps
Cierra-nudos, Pinzas auriculares
Serranodi, Pinze auricolari



KRAUSE
45220-16
16 cm, 6 $\frac{1}{4}$ "



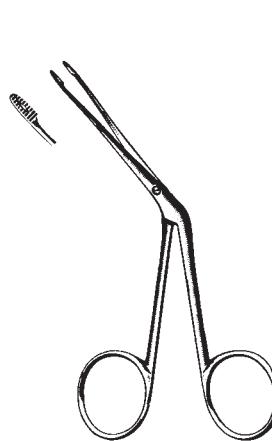
WILDE
45222-17
17 cm, 6 $\frac{3}{4}$ "



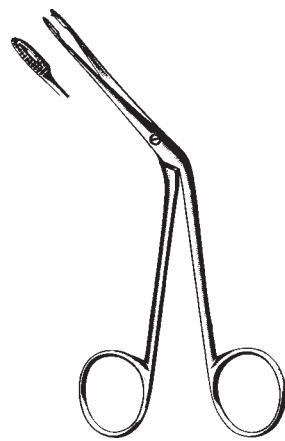
TILLEY
45243-14
14 cm, 5 $\frac{1}{2}$ "



LITTAUER
45245-12
12 cm, 4 $\frac{3}{4}$ "



HARTMANN
45246-12
12 cm, 4 $\frac{3}{4}$ "

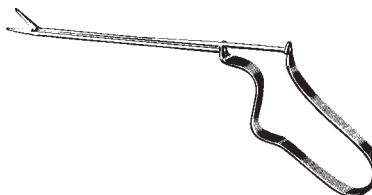


HARTMANN
45246-14
14 cm, 5 $\frac{1}{2}$ "

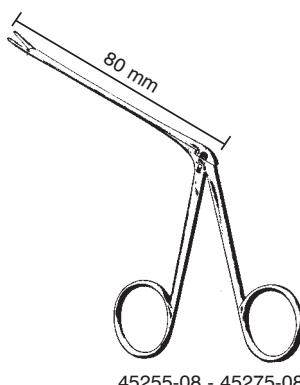
Fremdkörperhebel, Fremdkörperzängchen
 Foreign Body Levers, Ear Polypus Forceps
 Elevadores para cuerpos extraños, Pinzas para pólipos
 Leve per corpi estranei, Pinze per polipi



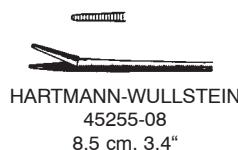
QUIRE
 45251-10
 10 cm, 4"



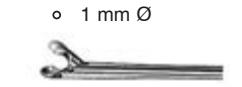
BUCK
 45253-11
 11 cm, 4 3/8"



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"



HARTMANN
 Ø mm 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

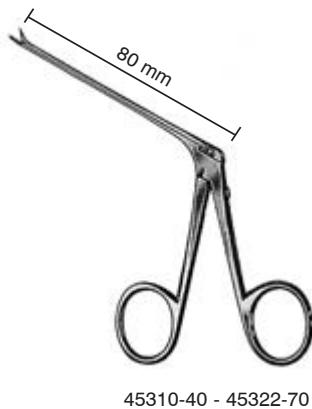


HARTMANN
 45273-08
 8,5 cm, 3.4"

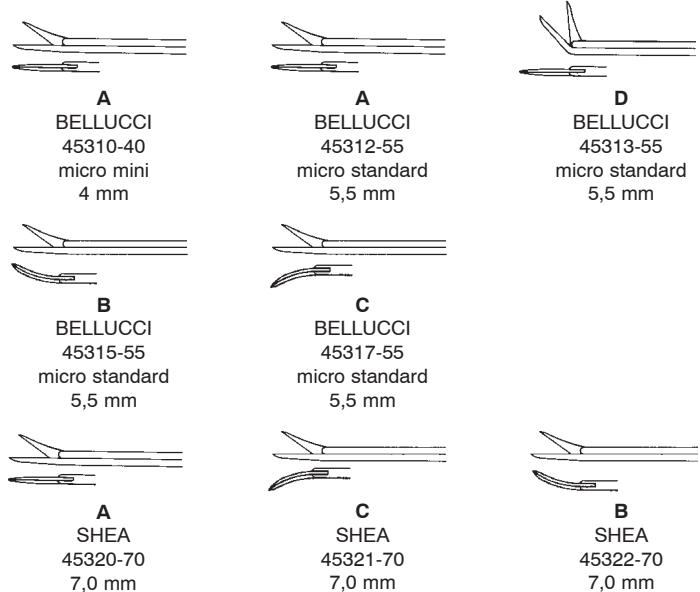


HARTMANN-HOFFMANN
 45275-08
 8,5 cm, 3.4"

Mikro-Ohrscheren, Mikro-Ohrzängchen
 Micro Ear Scissors, Micro Ear Forceps
 Tijeras auriculares micro, Pinzas auriculares micro
 Forbici auricolari micro, Pinze auricolari micro



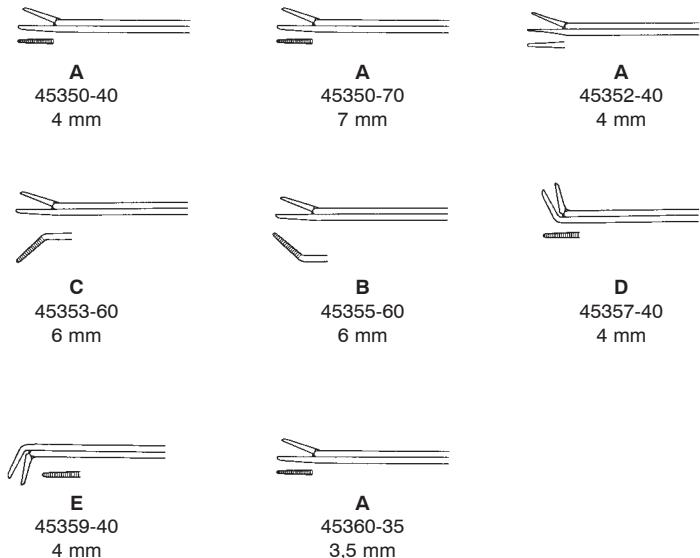
45310-40 - 45322-70



- A:** 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

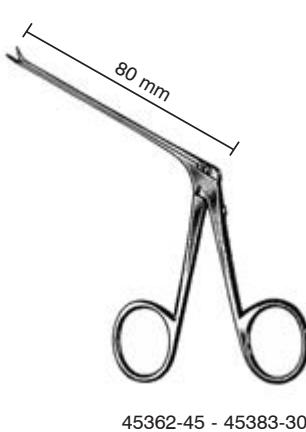


Mikro-Ohrzängchen, Hammerkopfstanze

Micro Ear Forceps, Malleus punch

Pinzas auriculares micro, Pinza saca-bocadas para cabeza de martillo

Pinze auricolari micro, Pinze taglienti per testa del martelletto taglio a scalpello



A
45362-45
4,5 mm



B
45365-45
4,5 mm



C
45363-45
4,5 mm



D
45367-50
5,0 mm



E
45369-50
5,0 mm



Mc GEE
45371-40
0,8x4,0 mm



COS
45373-30
1,8x0,8x3,0 mm



JUERS
45377-60
6,0 mm



C
HAUGH
45381-30
45° 3 mm



A
GREVEN
45370-50
5,0 mm



JUERS
45375-60
6,0 mm



B
HAUGH
45383-30
45° 3 mm

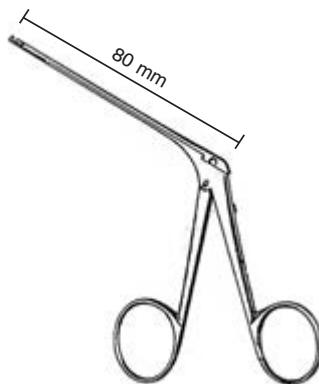
A: gerade / straight / recta / retta

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



micro ø 1,3 mm



45385-01

aufwärts
upward
arriba
in alto

mini ø 1,8 mm

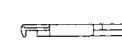


45387-01



45385-02

abwärts
downward
abajo
in basso



45387-02

DIETER

45385-01 - 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

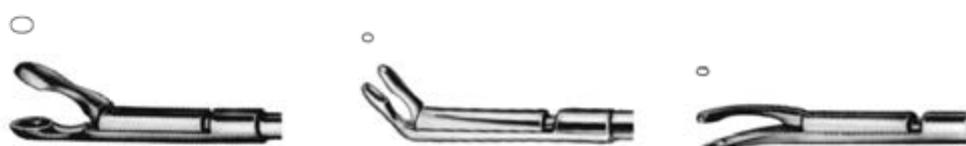


45393-50
1 x 5 mm



45394-50
1 x 5 mm

Mikro-Ohrzängchen
Micro Ear Forceps
Pinzas auriculares micro
Pinze auricolari micro



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"

3,5 mm Ø



PLESTER
45706-35
15,5 cm, 6"



45709-10
Ø 1,0 mm



45709-14
Ø 1,4 mm



45709-16
Ø 1,6 mm



45709-20
Ø 2,0 mm



45709-26
Ø 2,6 mm



45709-28
Ø 2,8 mm



45709-30
Ø 3,0 mm

ROSEN
45709-10 - 45709-30
16 cm, 6 1/4"

Nadeln und Häkchen
Needles and Hooks
Agujas y Ganchos
Aghi e uncini



BARBARA
45710-15



BARBARA
45711-15



BARBARA
45713-15



BARBARA
45715-17

16 cm
6 1/4"

mm	25° SHAMBAUGH	45° SHAMBAUGH	90° SHAMBAUGH	BARBARA 45725-05=0,5 mm 45725-10=1,0 mm
0,3	45720-03	45722-03	45724-03	
0,6	45720-06	45722-06	45724-06	
1,0	45720-10	45722-10	45724-10	
1,2		45722-12	45724-12	
1,5		45722-15	45724-15	
2,0		45722-20	45724-20	
2,5		45722-25	45724-25	



mm	90° 45730-03	90° 45732-03
0,3	45730-03	45732-03
0,6	45730-06	45732-06

mm	McGEE 45733-05	McGEE 45735-05
1,0	45733-10	45735-10

BARBARA 45736-15 15,5 cm, 6"

ROSEN

45730-03 - 45747-10
15,5 cm, 6"

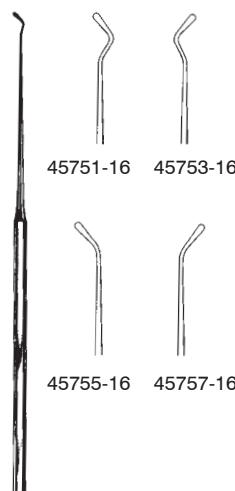
45737-15

15,5 cm, 6"

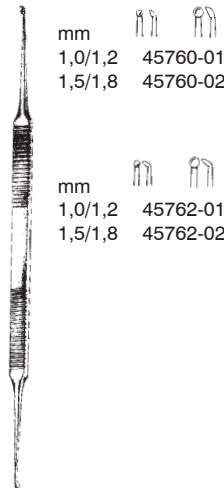
mm	25° 45741-03	25° 45743-03	45° 45745-03	45° 45747-03
0,3	45741-03	45743-03	45745-03	45747-03
0,6	45741-06	45743-06	45745-06	45747-06

mm	45741-10	45743-10	45745-10	45747-10
1,0	45741-10	45743-10	45745-10	45747-10

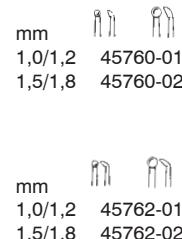
Dissektoren, Küretten, Elevatoren, Mikro-Meßsonde
 Dissectors, Curettes, Elevators, Micro mesuring rod
 Disectores, Curetas, Elevadores, Sonda para mesurar
 Dissettori, Curette, Elevatori, Sonda auricolare per misurare



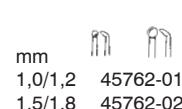
FISCH
 45751-16 - 45757-16
 16 cm, 6 $\frac{1}{4}$ "



HOUSE
 45760-01 - 45762-02
 15 cm, 6"



mm
 1,0/1,2 45760-01
 1,5/1,8 45760-02



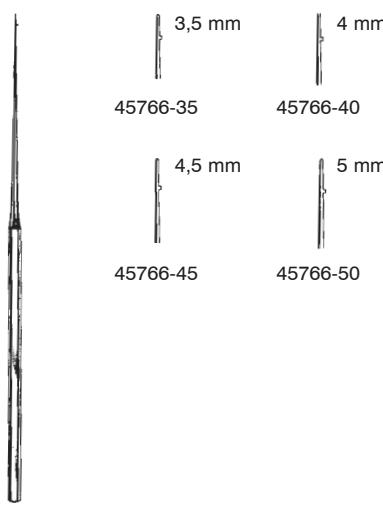
mm
 1,0/1,2 45762-01
 1,5/1,8 45762-02



LEMPERT
 45802-16 - 45805-16
 16 cm, 6 $\frac{1}{4}$ "



45805-16
 3 mm



HOUSE
 45766-35 - 45766-50
 16 cm, 6 $\frac{1}{4}$ "

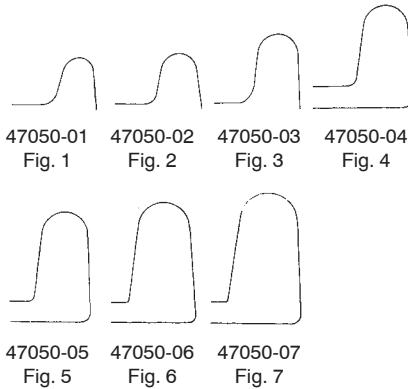


LEMPERT
 45807-20
 20,5 cm, 8"

Nasenspekula
Nasal Specula
Espéculos nasales
Specoli nasal



THUDICHUM
47050-01 - 47050-07



47050-01 Fig. 1 47050-02 Fig. 2 47050-03 Fig. 3 47050-04 Fig. 4

47050-05 Fig. 5 47050-06 Fig. 6 47050-07 Fig. 7



VOLTOLINI
47060-01 - 47060-03



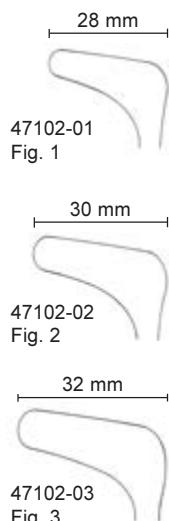
47060-01

47060-02

47060-03



HARTMANN-HALLE
47102-01 - 47102-03
15 cm, 6"



47102-01
Fig. 1

30 mm
47102-02
Fig. 2

32 mm
47102-03
Fig. 3

Baby, bebé

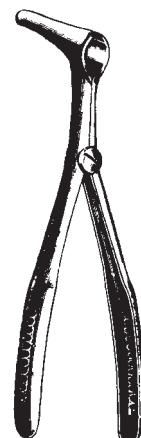
Kind, child, niño, bamb.
Erwachs., Adult, adulto

Mod. WIEN

47112-01 25 mm
47112-02 30 mm
47112-03 35 mm

Mod. WIEN

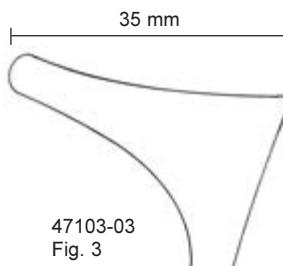
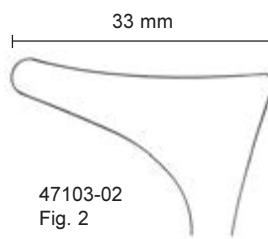
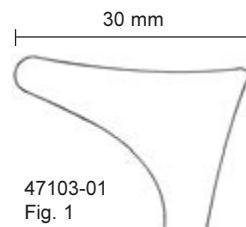
47113-03



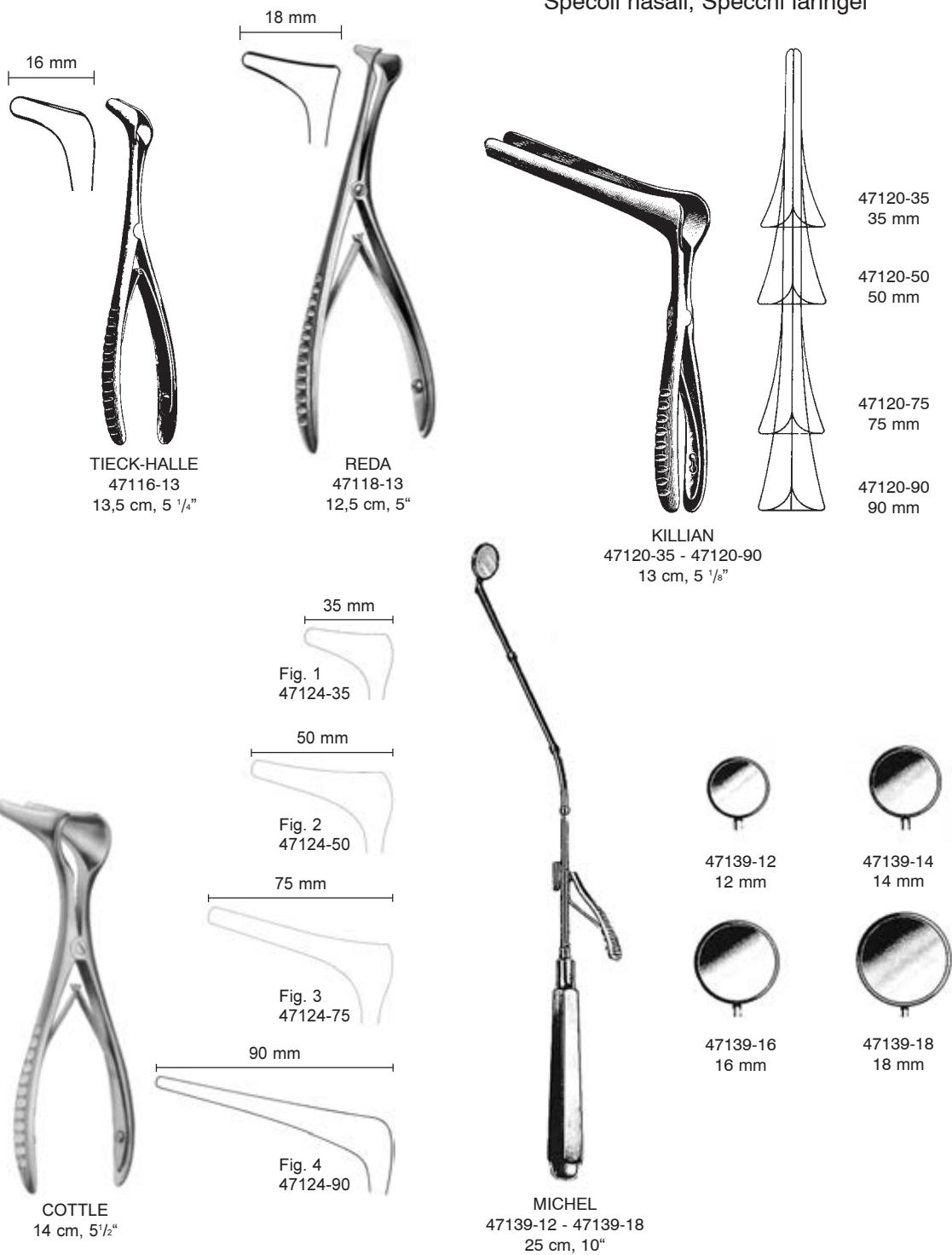
Nasenspekula
Nasal Specula
Espéculos nasales
Specoli nasalii



HARTMANN
16 cm, 6¹/₄"



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

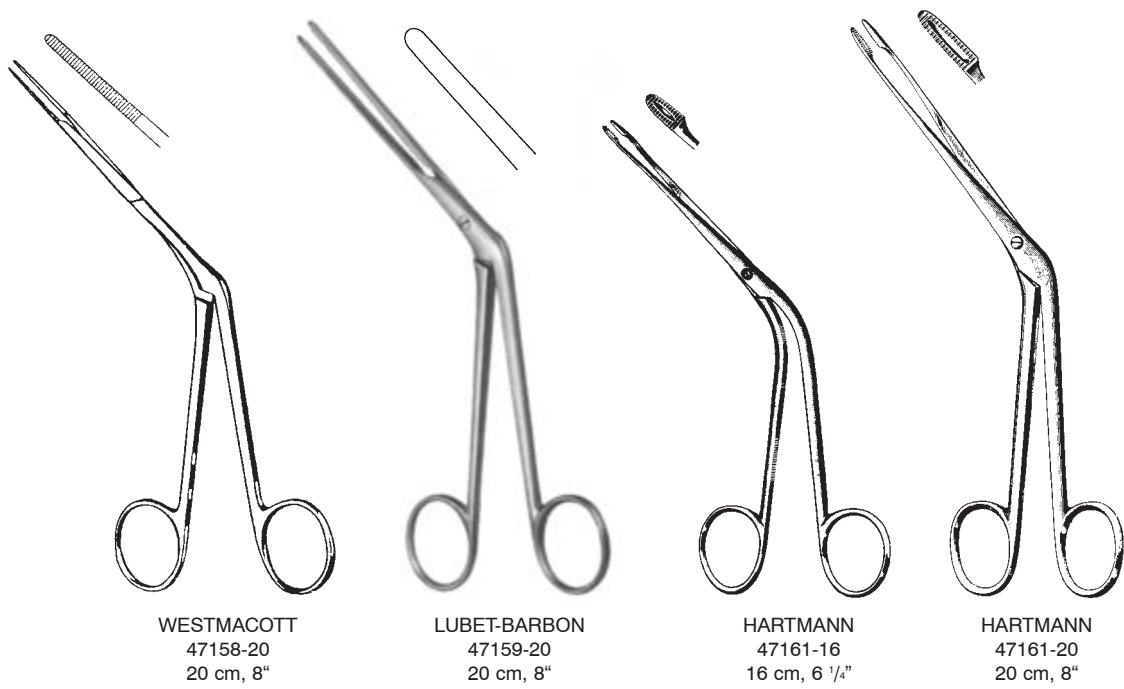


TROELTSCH
47151-15
15 cm, 6"

TROELTSCH
47151-18
18 cm, 7"

JANSEN-GRUENWALD
47154-20
20 cm, 8"

JANSEN
47155-20
20 cm, 8"



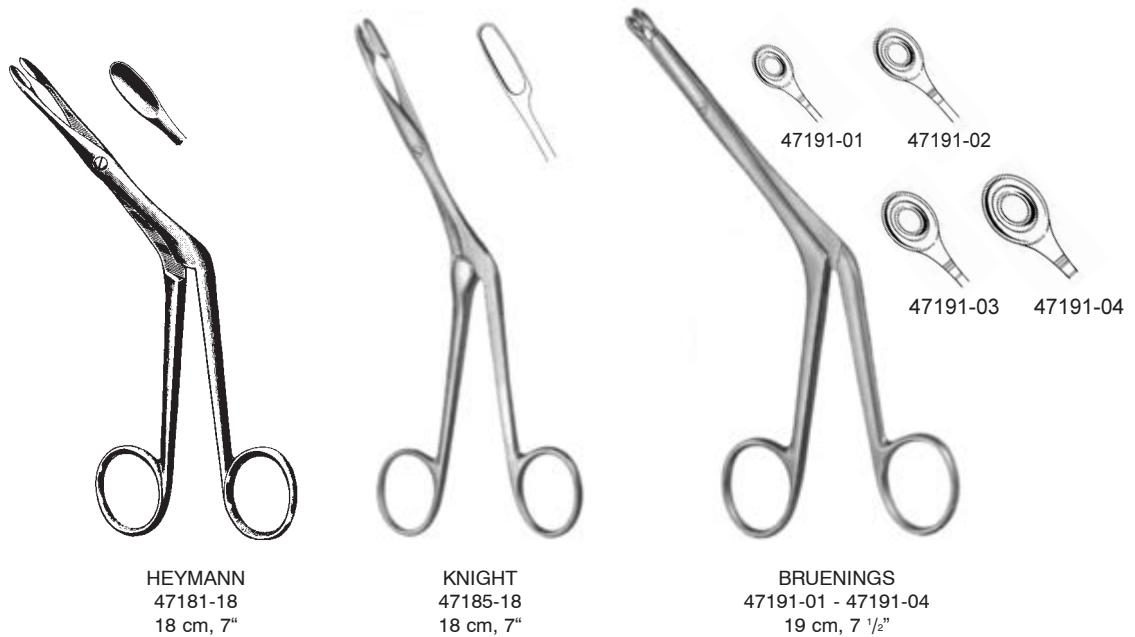
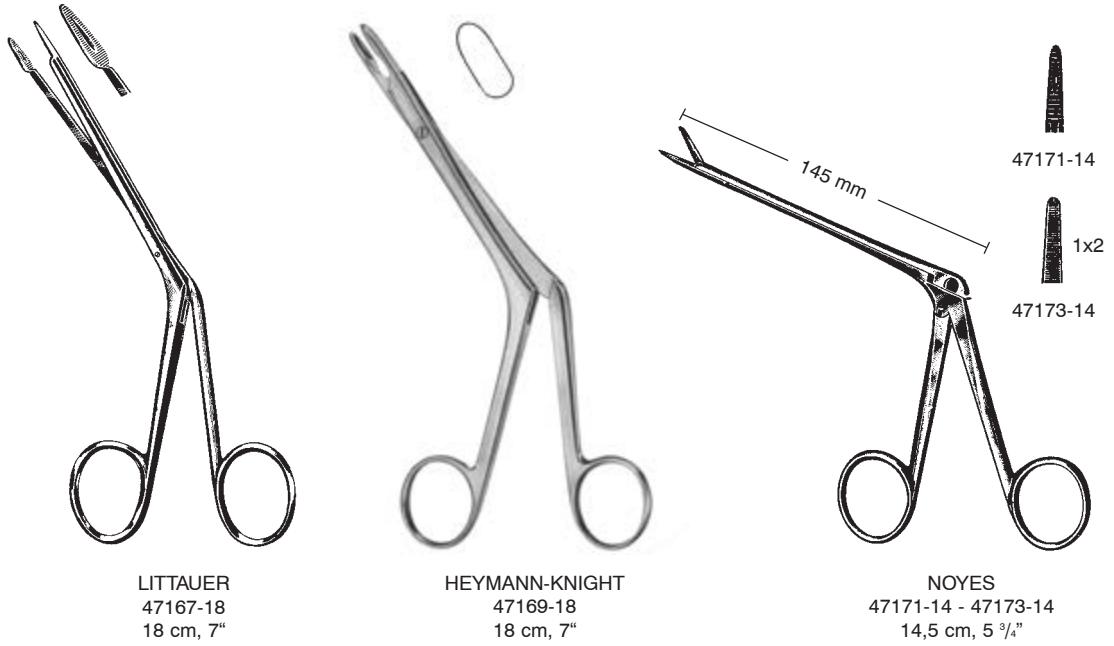
WESTMACOTT
47158-20
20 cm, 8"

LUBET-BARBON
47159-20
20 cm, 8"

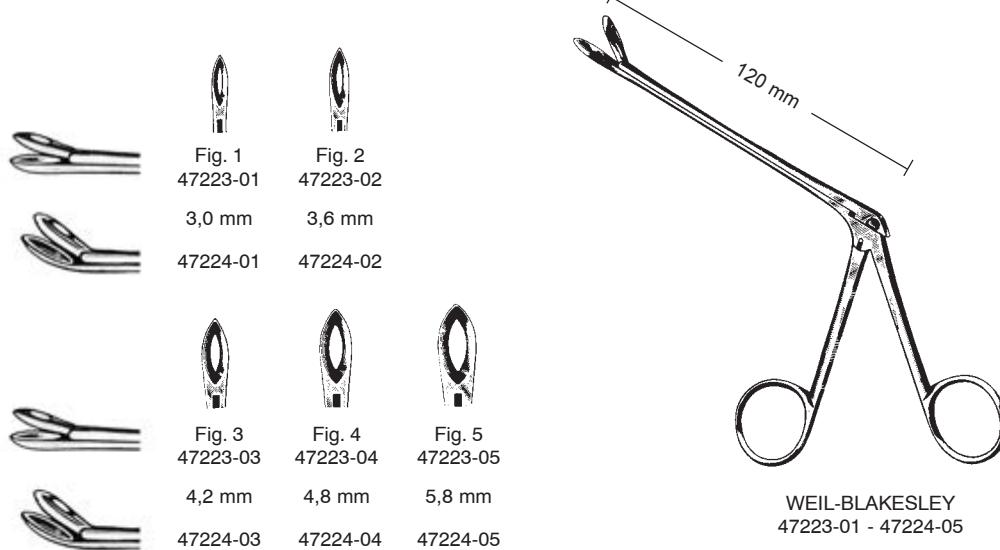
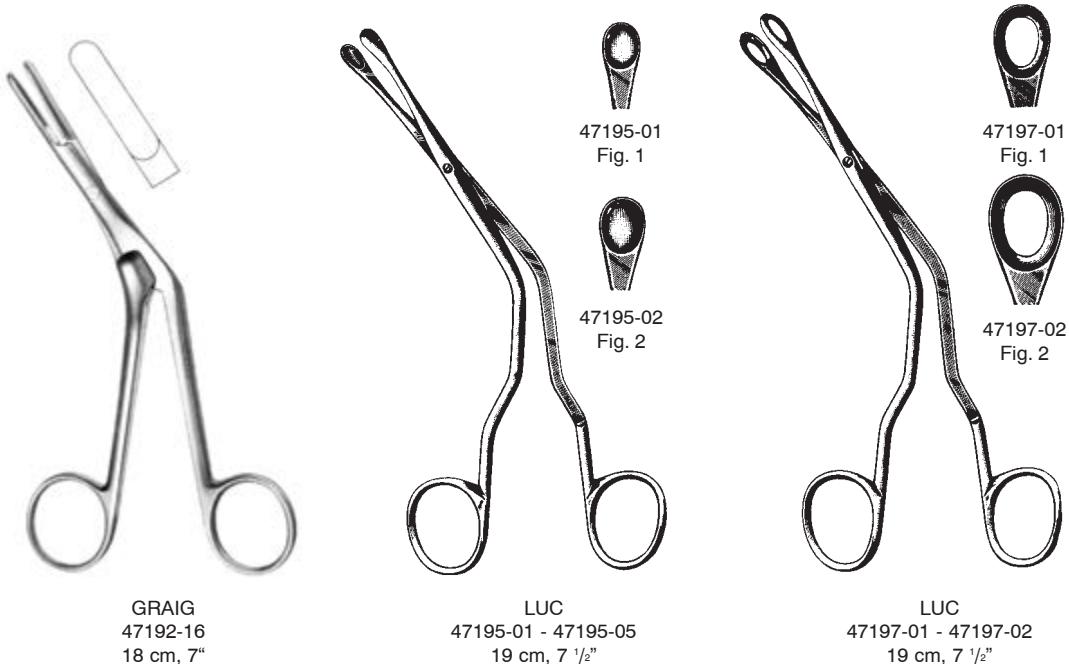
HARTMANN
47161-16
16 cm, 6 1/4"

HARTMANN
47161-20
20 cm, 8"

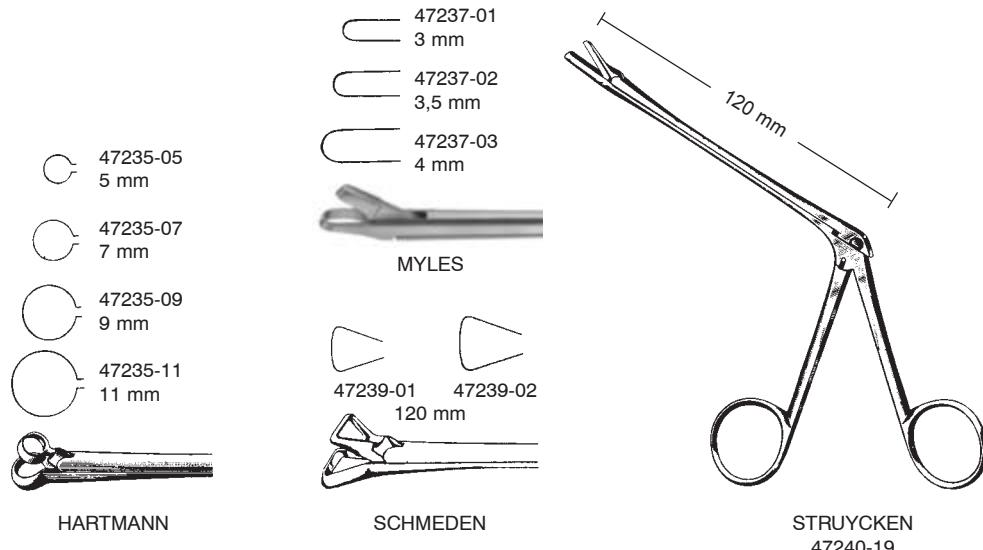
Polypenzangen, Septumzangen
 Nasal Polypus and Septum Forceps
 Pinzas para pólipos y para el tabique nasal
 Pinze per polipi, Pinze per il setto nasale



Scharfe Nasenzangen, Septumzangen
 Nasal Cutting Forceps, Septum Forceps
 Pinzas cortantes nasales y para el tabique nasal
 Pinze taglienti nasali, Pinze per il setto nasale



Scharfe Nasenzangen
Nasal Cutting Forceps
Pinzas cortantes nasales
Pinze taglienti nasalì



Scharfe Nasenzangen, Septumzange, Kieferhöhlenstanze

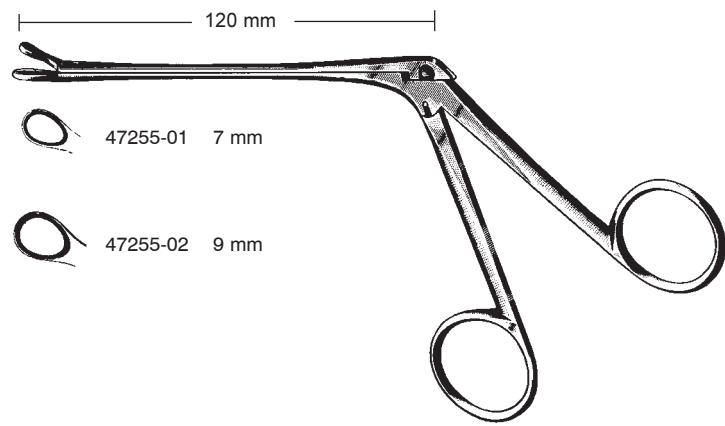
Nasal Cutting Forceps, Septum Forceps, Antrum Punch Forceps

Pinzas cortantes nasales, Pinza para magullar tabique, Pinzas cortantes para maxilares

Pinze taglienti nasal, 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



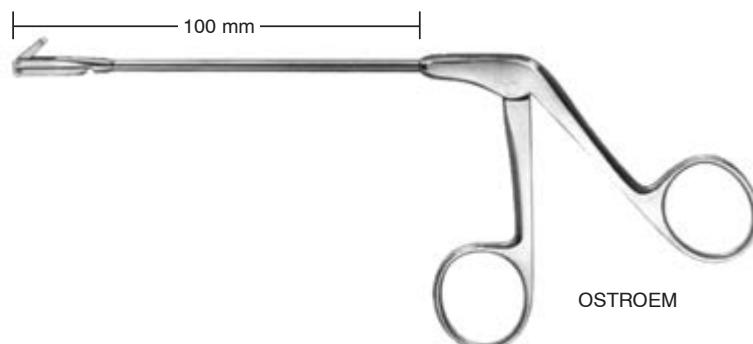
47305-01
 gerade
 straight
 recta
 retta

Knochenstanze, Septumzangen

Punches, Septum Forceps

Pinzas osteótomas, Pinzas para el tabique nasal

Pinze osteotomi, Pinze per il setto nasale



OSTROEM



47315-00
2 mm
oben schneidend
up cutting
cortante por arriba
tagliente in alto



47316-00
2 mm
rechts schneidend
right cutting
cortante a la derecha
tagliente a destra



47317-00
2 mm
links schneidend
left cutting
cortante a la izquierda
tagliente 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 sinusopia



HAJEK-KOFLER
 47316-16
 3,5 mm



Maul
 jaw
 boca
 morso

65°
 70°
 90°
 110°

○ 3 mm rund
 } oval

horizontal öffnend
 horizontal cutting
 abierta horizontal
 apertura orizzontale

47317-65
 47317-70
 47317-90
 47317-11

vertikal öffnend
 vertical cutting
 abierta vertical
 apertura verticale

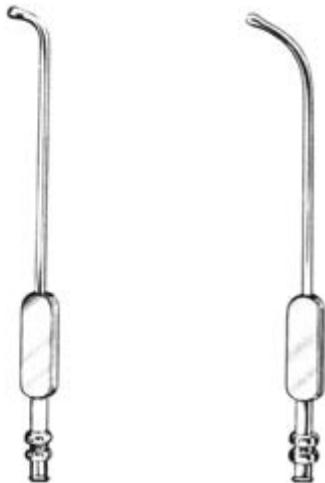
47318-65
 47318-70
 47318-90
 47318-11

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, Dilatatore 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
Càmulas 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



GUILEN
19 cm, 7 1/2"
47347-20

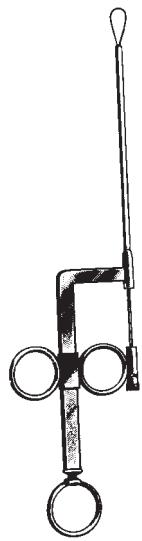
Polypenschnüre
Nasal Polypus Snares
Polipótomas
Serranodi



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"

JOSEPH
47375-16
16,5 cm, 6 1/2"

Nasenplastik- und Operationsmesser, Sichelmessер, Küretten
 Rhinoplastic and Nasal Knives, Septum Sickle Knives, Curettes
 Bisturis para plastica y operaciones de la nariz, Bisturis 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"



COTTLER
47380-15
15 cm, 6"



COTTLER
47382-15
15 cm, 6"



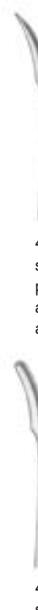
JOSEPH
47384-15
15 cm, 6"



JOSEPH
47385-15
15 cm, 6"



REDA
19 cm, 7 1/2"



47386-01
spitz
pointed
agudo
acuto

47386-02
stumpf
blunt
romo
smusso



ANTRUM
19 cm, 7 1/2"



47387-01
vorwärts schneidend
forward cutting
corte hacia adelante
taglio in avanti



47387-02
rückwärts schneidend
backward cutting
corte hacia atras
taglio retrograde

Schwingmesser

Septum Swivel Knives

Bisturies para el tabique nasal

Coltelli per setto



47390-03
3 mm



47390-04
4 mm



47390-05
5 mm

BALLINGER
47390-03 - 47392-05
20 cm, 8"



47392-03
3 mm

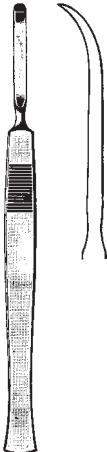


47392-04
4 mm



47392-05
5 mm

Septum Elevatoren
 Septum Elevators
 Elevadores para el tabique
 Elevatori per setto



47410-04
4 mm



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"



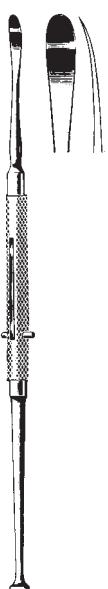
MASING
47414-21
22 cm, 8 3/4"



FREER
47415-18
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

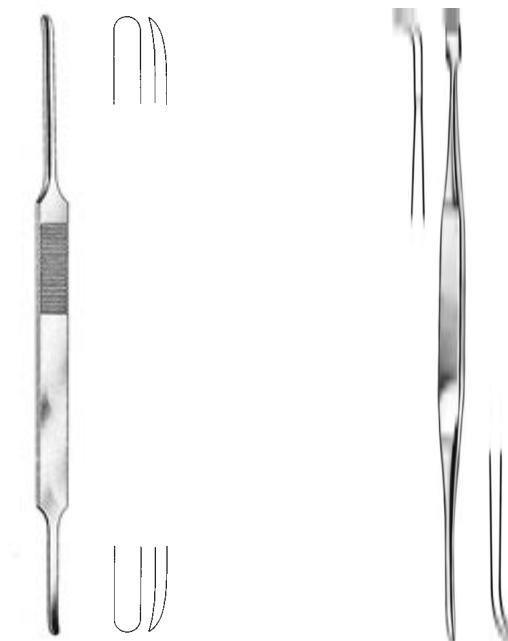


KILLIAN
47420-01
18,5 cm, 7 1/4"

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-BALLENGGER
47428-21
22 cm, 8 3/4"



BALLENGGER
47430-22
22 cm, 8 3/4"

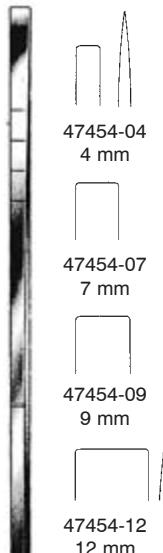


FREER
47450-04
15 cm, 6"



FREER
47451-04
15 cm, 6"

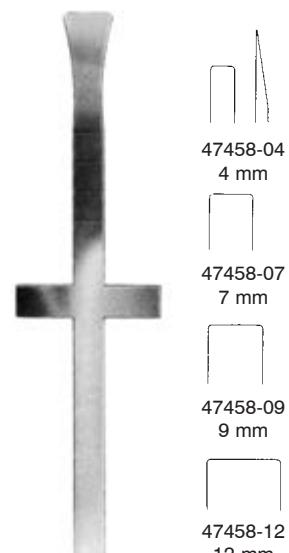
Osteotome, Knorpelquetscher
 Osteotomes, Cartilage crusher
 Osteótomas, Macha cadera
 Osteotomi, Tritacartilagine



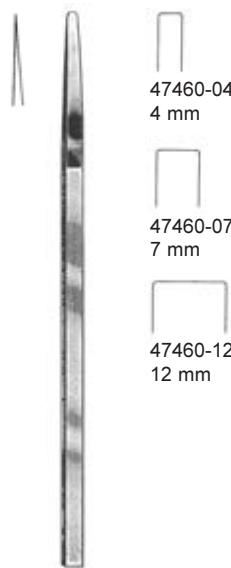
COTTE
 47454-04 - 47454-12
 18 cm, 7"



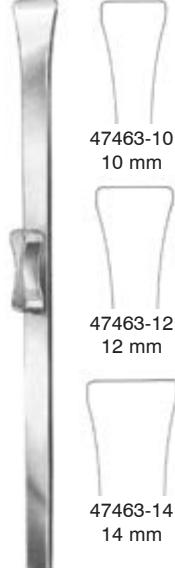
COTTE
 47455-06
 18 cm, 7"



COTTE
 47458-04 - 47458-12
 18 cm, 7"



COTTE
 18 cm, 7"



RUBIN
 18,5 cm, 7 1/4"

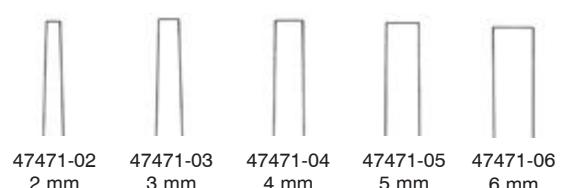
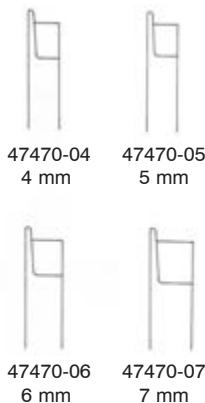


COTTE
 Knorpelquetscher
 47461-00

Osteotome, Septum Meißel
 Osteotomes, Rhinoplastic Chisels
 Osteótomas, Cinceles para la plástica nasal
 Osteotomi, Scalpelli per plastica nasale

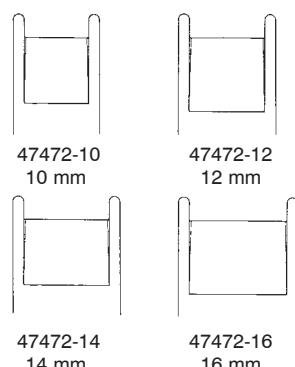


FOMON
 47470-04 - 47470-07
 17 cm, 6 3/4"



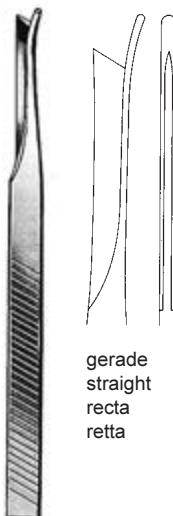
SHEEHAN

47471-07 - 47471-12
 16 cm, 6 3/4"

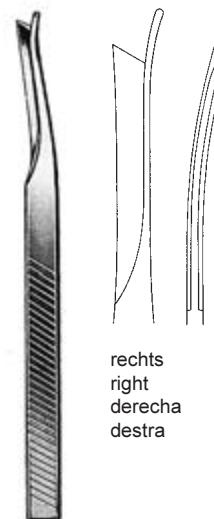


CINELLI
 47472-10 - 47472-16
 16 cm, 6 1/4"

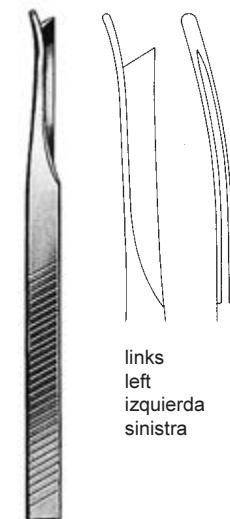
Septum Meißel, Osteotom
 Rhinoplastic Chisels, Osteotom
 Cinceles para la plástica nasal, Osteótom
 Scalpelli per plastica nasale, Osteotom



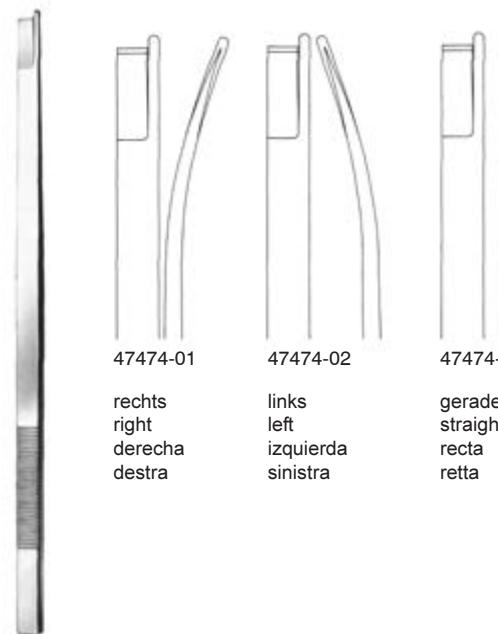
SILVER
 47473-01
 18 cm, 7"



SILVER
 47473-02
 18 cm, 7"



SILVER
 47473-03
 18 cm, 7"



47474-01 47474-02 47474-03
 rechts
 right
 derecha
 destra
 links
 left
 izquierda
 sinistra

NEIVERT-ANDERSON
 47474-01 - 47474-03
 20,5 cm, 8" 7 mm

Septum-Hohlmeißel, Osteotom

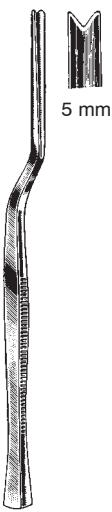
Septum Gouges, Osteotom

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"



FREER
47489-16
16 cm, 6 1/4"

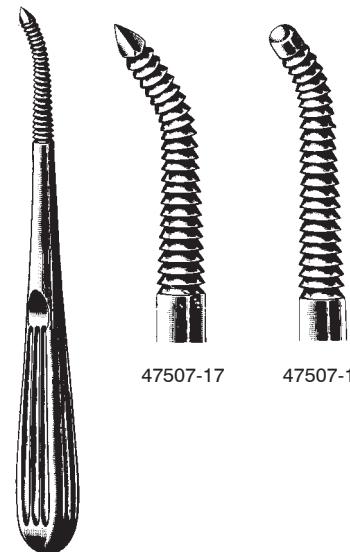
Knochenfeile, Nasenraspeln
 Bone File, Nasal Rasps
 Limas para hueso, Escofinas nasales
 Lime per ossa, Raspa nasale



JOSEPH
 47502-16
 16 cm, 6 1/4"

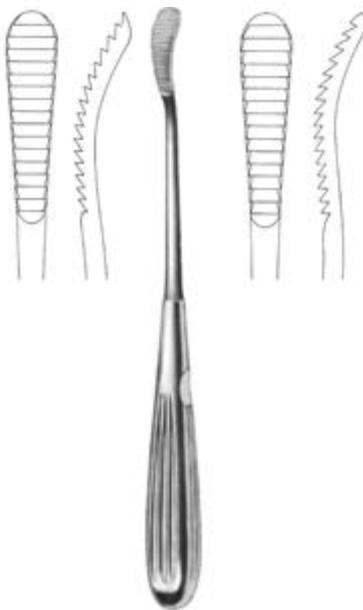


MALTZ
 47504-18
 18 cm, 7"

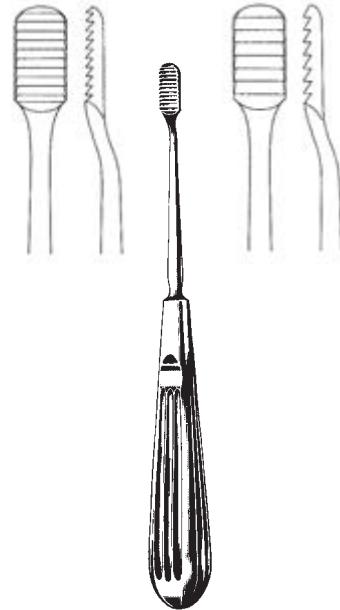


47507-17

47507-19

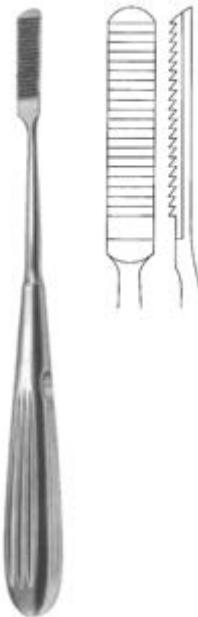


AUFRICHT
 47511-21 21 cm, 8 1/4" 47513-21

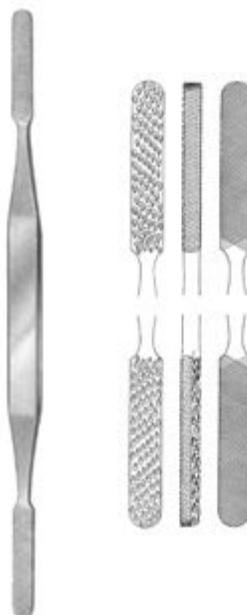


JOSEPH (LEWIS)
 47514-16 18 cm, 7" 47516-16

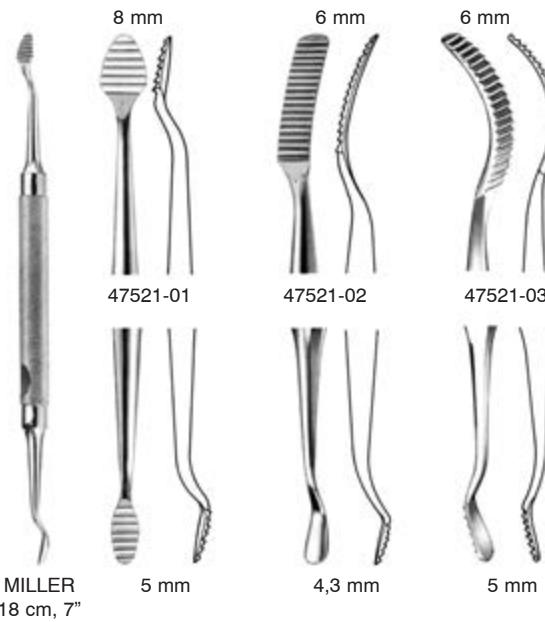
Nasenraspeln
Nasal Rasps
Escofinas nasales
Raspa nasale



MALTZ (COTTLER)
47518-21
21 cm, 8 1/4"

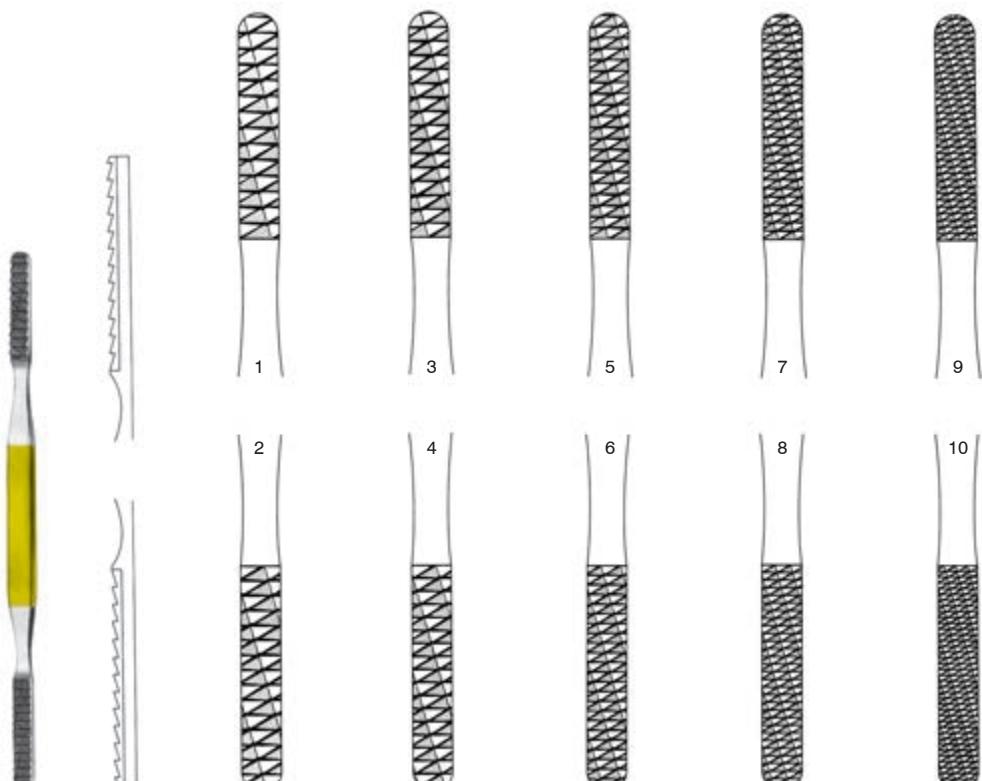


FOMON
47520-21
21 cm, 8 1/4"



MILLER
18 cm, 7"

Nasenraspeln
Nasal Rasp
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

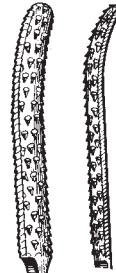


Fig. 3
 47529-16



JOSEPH
 47535-01 47535-02
 17 cm, 6 3/4"



47533-19
 gerade
 straight
 recta
 retta



47532-19
 links
 left
 izquierda
 sinistra



47534-19
 rechts
 right
 derecha
 destra

JOSEPH
 19 cm, 7 1/2"

Nasenhaken
Nasal retractor
Retractores nasales
Retrattori nasalì



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
47551-16L
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

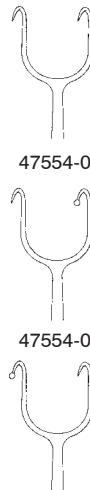
10 x 12 mm



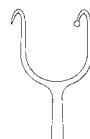
COTTL
47553-15
15 cm, 6"



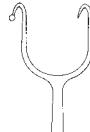
COTTL
14,5 cm, 5 3/4"



47554-01



47554-02

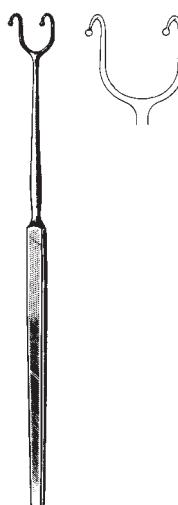


47554-03

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"



GILLIES
 18 cm, 7"



Fig. 1
 47560-18



Fig. 2
 47562-18



LANGE
 47563-22
 23 cm, 9"



COTTLE
 47564-16
 16 cm, 6 1/4"



COTTLE
 47565-10
 10 cm, 4"

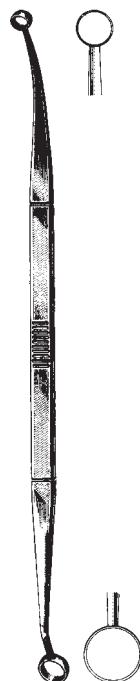


CONVERSE
 47566-12
 12 cm, 4 3/4"

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"



FAULKNER
 47601-21
 21 cm, 8 1/4"



WALSHAM
 47572-23 - 47575-23
 23 cm, 9"



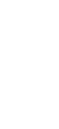
47572-23
 gerade
 straight
 recta
 retta



47573-23
 links
 left
 izquierda
 a sinistra



47575-23
 rechts
 right
 derecha
 a destra



47607-01
 Fig. 1



47607-02
 Fig. 2



47607-03
 Fig. 3



47607-04
 Fig. 4



47607-05
 Fig. 5



47607-06
 Fig. 6

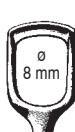
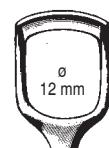
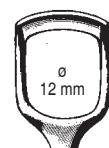
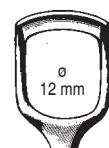
COAKLEY
 47607-01 - 47607-06
 17 cm, 6 3/4"

Ringmesser

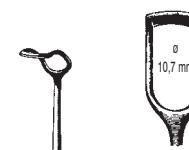
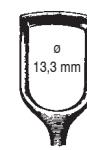
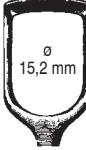
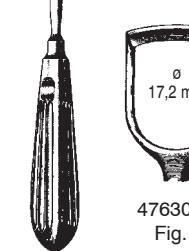
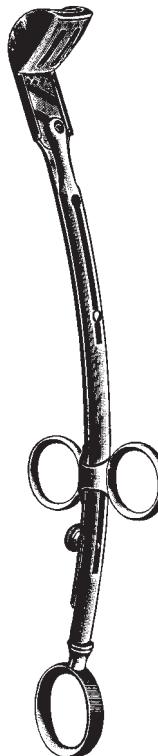
Adenoid Curettes

Cuchillos para vegetaciones adenoides

Coltelli per vegetazioni adenoide

47620-00
Fig. 047620-01
Fig. 147620-02
Fig. 247620-03
Fig. 347620-04
Fig. 447620-05
Fig. 547620-06
Fig. 6

BECKMANN

47620-01 - 47620-06
22 cm, 8 3/4"47636-01
Fig. 147636-02
Fig. 247636-03
Fig. 347636-04
Fig. 4St. CLAIR-THOMSON
47636-01 - 47636-04
21 cm, 8 1/4"47630-00
Fig. 047630-01
Fig. 147630-02
Fig. 247630-03
Fig. 347630-04
Fig. 4BARNHILL
47630-01 - 47630-04
21 cm, 8 1/4"47641-01
Fig. 147641-02
Fig. 2

ø 12 mm ø 16 mm

47641-03
Fig. 3
ø 18 mmErsatzklingen allein, gelocht
Spare blades, perforated
Hojas de repuesto, perforadas
Lame di ricambio, forateFig. 1 47642-01
Fig. 2 47642-02
Fig. 3 47642-03LAFORCE
47641-01 - 47641-03
25 cm, 10"

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



21,7 mm



49102-16
 16 cm, 6 1/4"
 Pack. à 100

21,4 mm



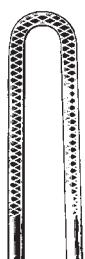
MAYO
 49103-17
 17 cm, 6 3/4"

23 mm



KROENIG
 49104-15
 15 cm, 6"

FRENZEL
 49105-16
 16,5 cm, 6 1/2"



49106-01
 14,5 cm, 5 3/4"

49106-02
 14,5 cm, 5 3/4"

BRUENINGS
 49107-19
 19 cm, 7 1/2"

CAWOOD-MINNESOTA
 49108-15
 15 cm, 6"

BUCHWALD
 49109-19
 19 cm, 7 1/2"

Zungendrücker
Tongue Depressors
Baja-lenguas
Abassalingua



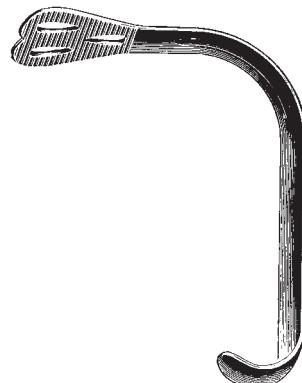
MORITZ-SCHMIDT
49110-19
19 cm, 7 1/2"



HARTMANN
49111-15
15 cm, 6"



49115-01 49115-02
Fig. 1 Fig. 2
14 cm, 5 1/2" 15 cm, 6"

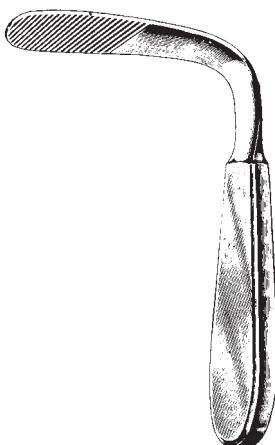


WIEDER
49115-01 - 49115-02

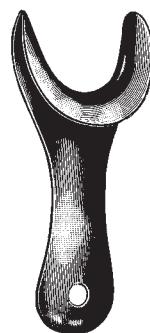


ANDREW
49117-11
11 cm, 4 3/8"

Zungendrücker, 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 ¾"



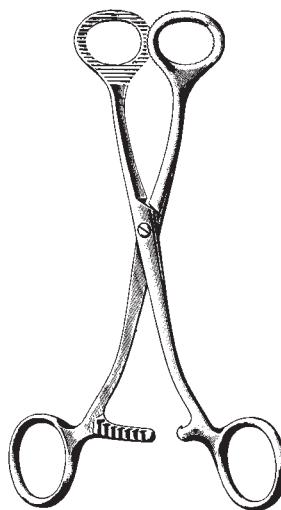
49230-11
11 cm, 4 ⅜"



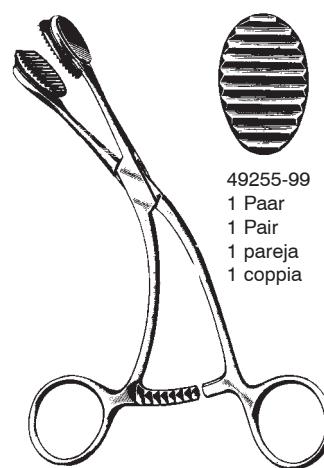
STERNBERG
49231-12 12 cm, 4 ¾"
49231-14 14 cm, 5 ½"
49231-16 16 cm, 6 ¼"



49235-19
19 cm, 7 ½"

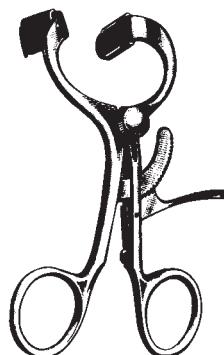


COLLIN
49250-16 16 cm, 6 ¼"
49250-18 18 cm, 7"

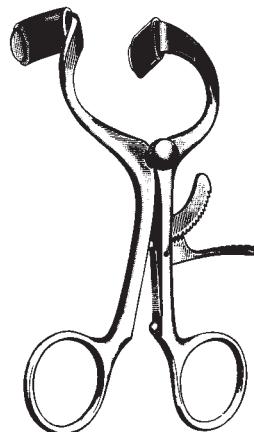


YOUNG
49255-99
1 Paar
1 Pair
1 pareja
1 coppia

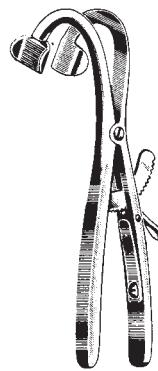
Mundsperrer
Mouth Gags
Abre-Bocas
Apribocca



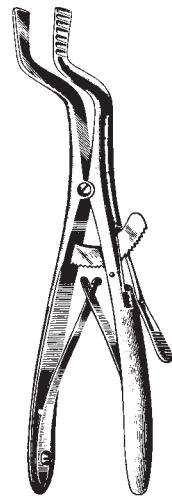
DOYEN-JANSEN (MOLT)
49265-12
12 cm, 4 $\frac{3}{4}$ "



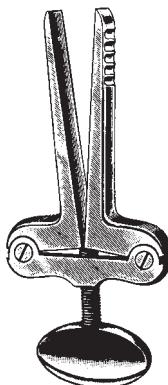
DOYEN-JANSEN (MOLT)
49265-14
14 cm, 5 $\frac{1}{2}$ "



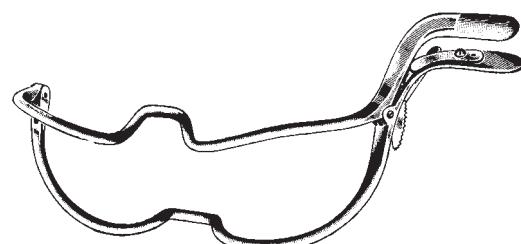
DENHART
49267-12
12 cm, 4 $\frac{3}{4}$ "



ROSER-KOENIG
49270-16 16 cm, 6 $\frac{1}{4}$ "
49270-19 19 cm, 7 $\frac{1}{2}$ "



HEISTER
49272-13
13 cm, 5 $\frac{1}{8}$ "

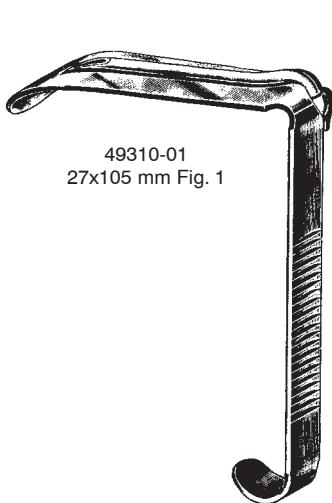
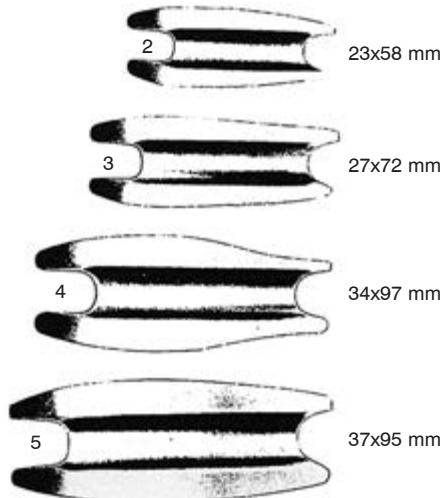


JENNINGS
49274-09 9 cm, 3 $\frac{1}{2}$ "
49274-11 11 cm, 4 $\frac{3}{8}$ "
49274-13 13 cm, 5 $\frac{1}{8}$ "
49274-15 15 cm, 6"

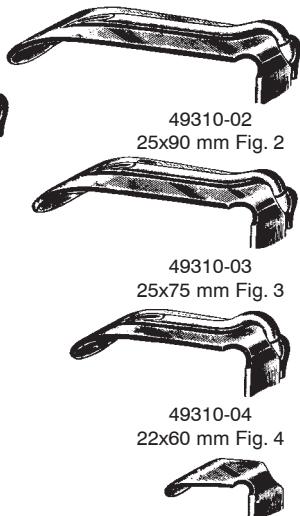
Zungenspatel, Mundsperrer
 Tongue depressor, Mouth Gags
 Baja-lengua, Abrebocas
 Abbassalingua, Apribocca



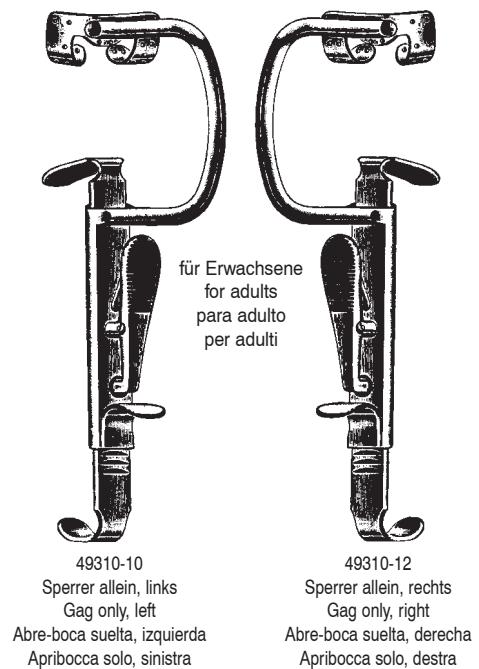
RING
 49287-02 Fig. 2 49288-02
 49287-03 Fig. 3 49288-03
 49287-04 Fig. 4 49288-04
 49287-05 Fig. 5 49288-05



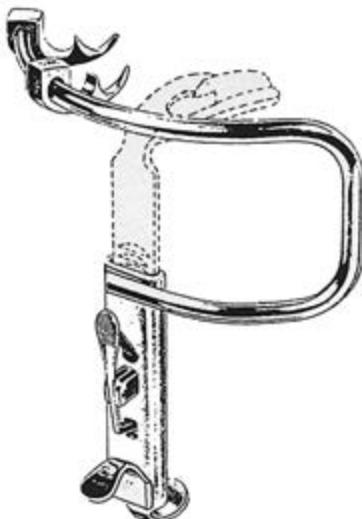
DAVIS-BOYLE
49310-00
compl.



49310-08 Silikoneinlagen/Silicone pads
inserto de silicona/inserto in silicone



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 Zungendrückern,
2 seitliche Wangenhaken und 2 Zahnhaken

with 3 interchangeable tongue depressors,
2 rotating cheek holders
2 movable tooth hooks and thread guide

con 3 baje lenguas intercambiables,
2 valvas giratorias p. los labios,
2 ganchos graduables

con 3 depressori intercambiabili,
2 valve laterali rotative
2 uncini a denti movibile



DINGMANN
49317-10
Sperrer allein, Gag only
Abre-boca solo, Apribocca solo



1 24x62 mm
49317-01



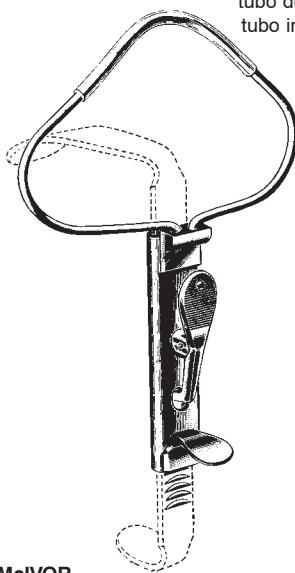
2 28x65 mm
49317-02



3 31x75 mm
49317-03

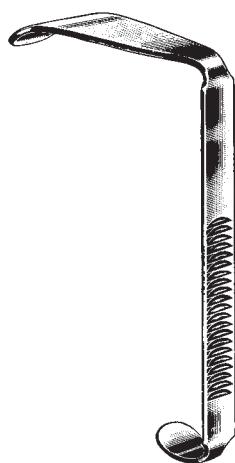
Mundsperrer
Mouth Gag
Abre-bocas
Apribocca

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

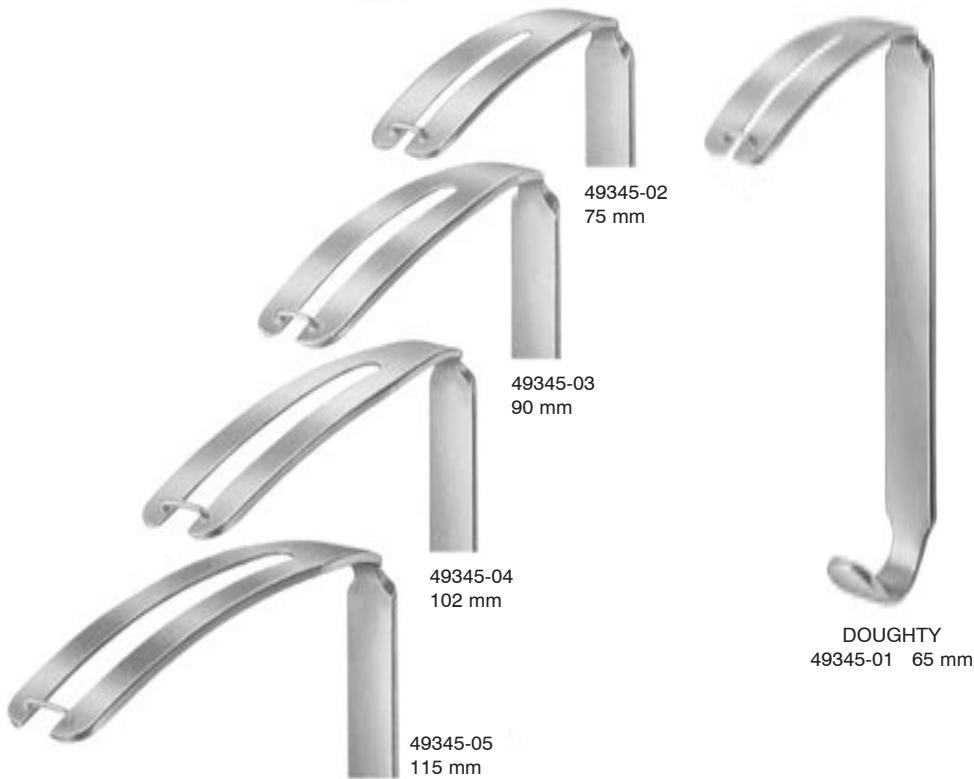
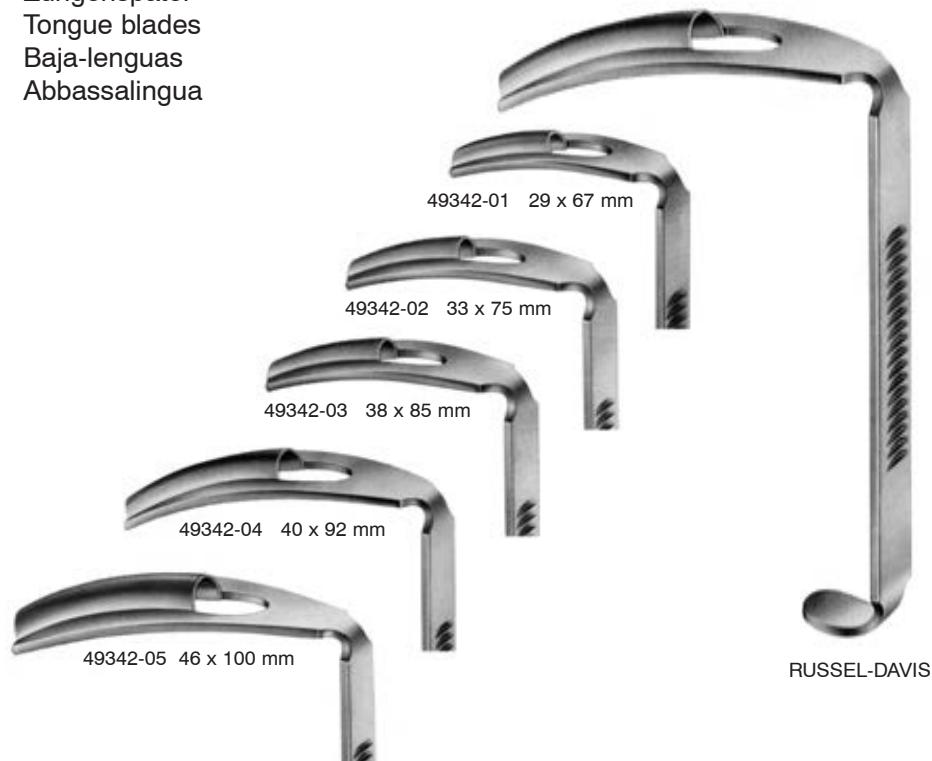


49320-03
22x70 mm Fig. 3



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

Holz
 wood
 madera
 legno



MAUNDER
 49360-10

NEGUS
 49400-01



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



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"

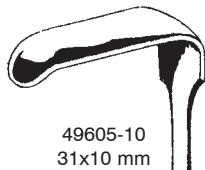
Wundhaken für Mund-Kiefer-Gesicht
 Retractors for Mouth-, Jaw- and Face Surgery
 Separadores para cirugía plástica
 Divaricatori per chirurgia plastica



49605-07
25x7 mm



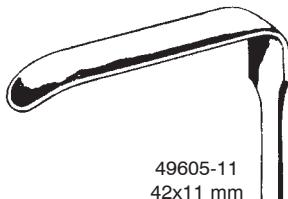
49605-12
55x12 mm



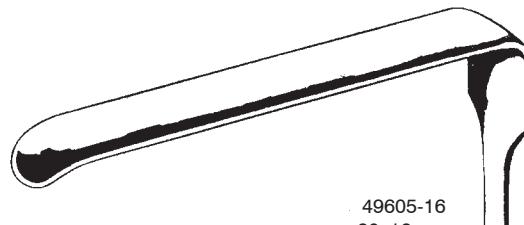
49605-10
31x10 mm



49605-14
70x14 mm



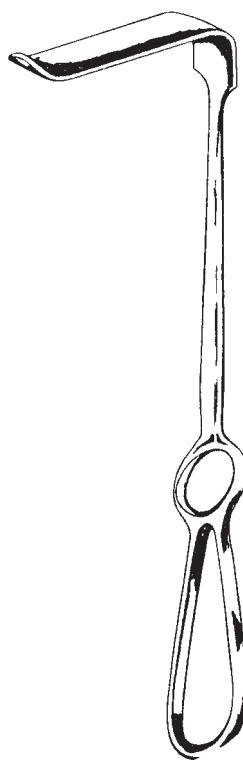
49605-11
42x11 mm



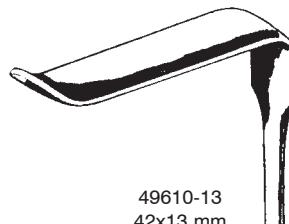
49605-16
80x16 mm



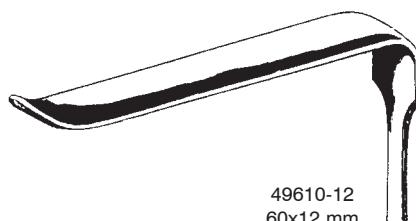
OBWEGESER
49605-07 - 49605-16
22 cm, 8 3/4"



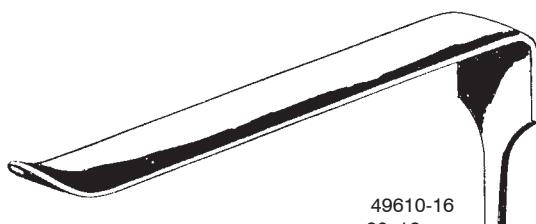
OBWEGESER
49610-12 - 49610-16
22 cm, 8 3/4"



49610-13
42x13 mm

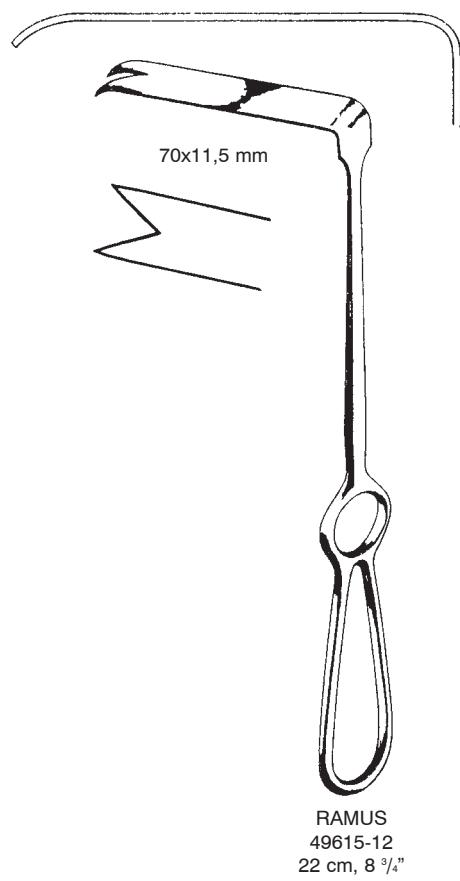
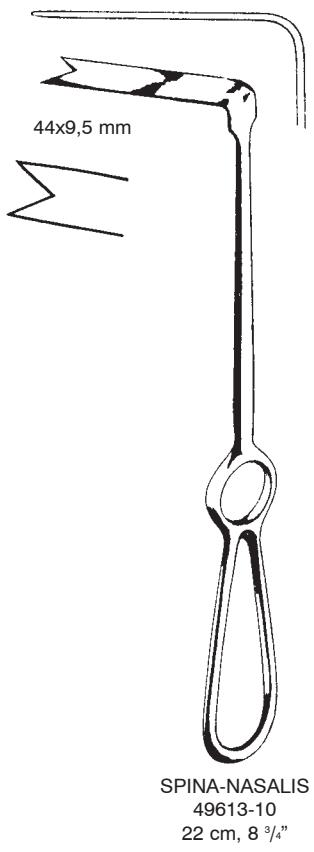


49610-12
60x12 mm

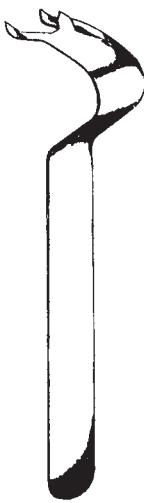


49610-16
80x16 mm

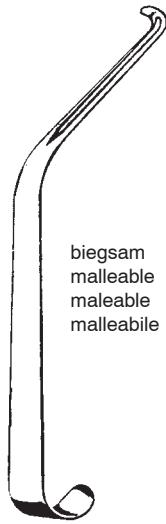
Wundhaken für Mund-Kiefer-Gesicht
Retractors for Mouth-, Jaw- and Face Surgery
Separadores para cirugía plástica
Divaricatori per chirurgia plastica



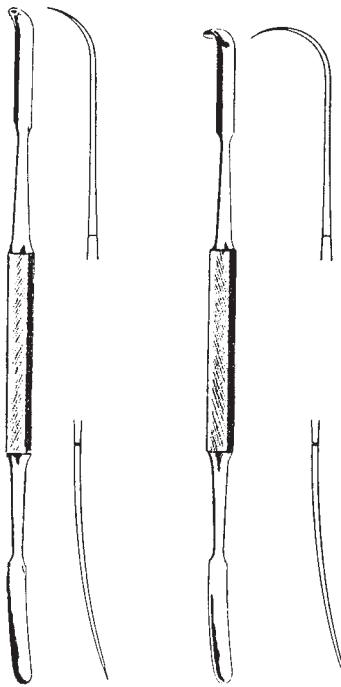
Wundhaken für Mund-Kiefer-Gesicht, Raspatorien
Retractors for Mouth-, Jaw- and Face Surgery, Periosteal Elevators
Separadores para cirugía plástica, Periostótomas
Divaricatori per chirurgia plastica, Periostotomi



OBWEGESER
49620-15
15,5 cm, 6"



OBWEGESER
49623-16
16 cm, 6 1/4"



OBWEGESER
49627-01
21 cm, 8 1/4"

OBWEGESER
49630-02
20,5 cm, 8"

Drahtbogen
Wire Pushers
Empujadores de alambres
Posizionatori per filo

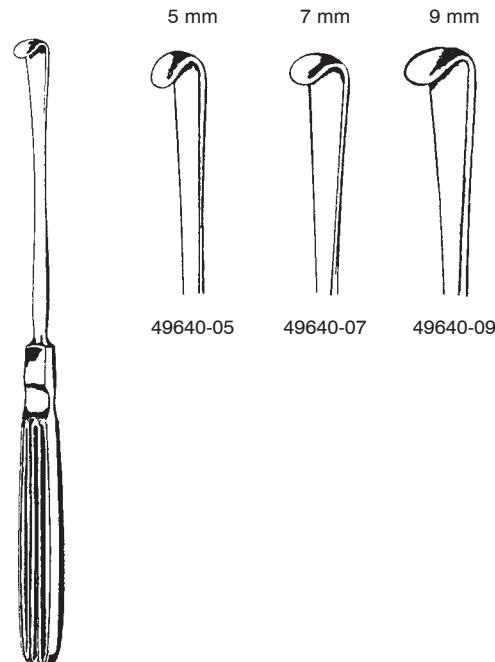


ERICH
49631-00
20,5 cm, 8"

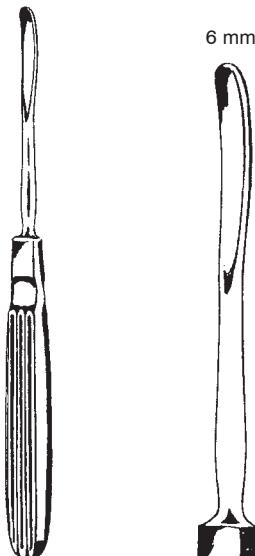
Raspatorien
 Periosteal Elevators
 Periostótomas
 Periostotomi



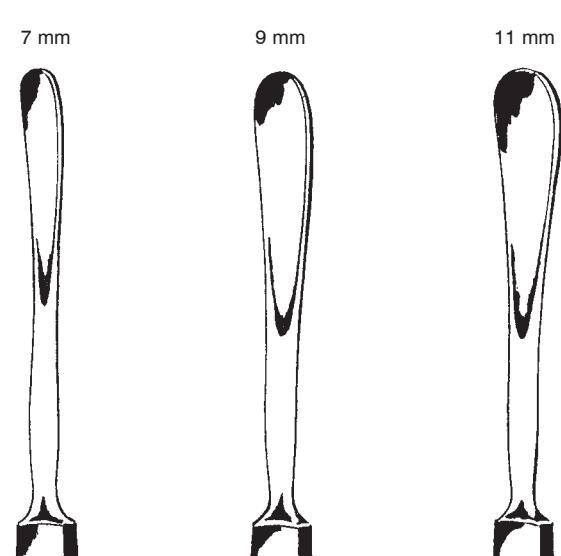
OBWEGESER
 49635-18
 17,5 cm, 7"



OBWEGESER
 49640-05 - 49640-09
 20 cm, 8"

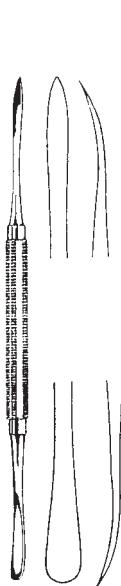


OBWEGESER
 49650-06 - 49650-11
 17,5 cm, 7"



49650-06 - 49650-11

Elevator, Osteotom, Ahle
 Elevator, Osteotome, Awls
 Elevadores, Osteotomas, 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"

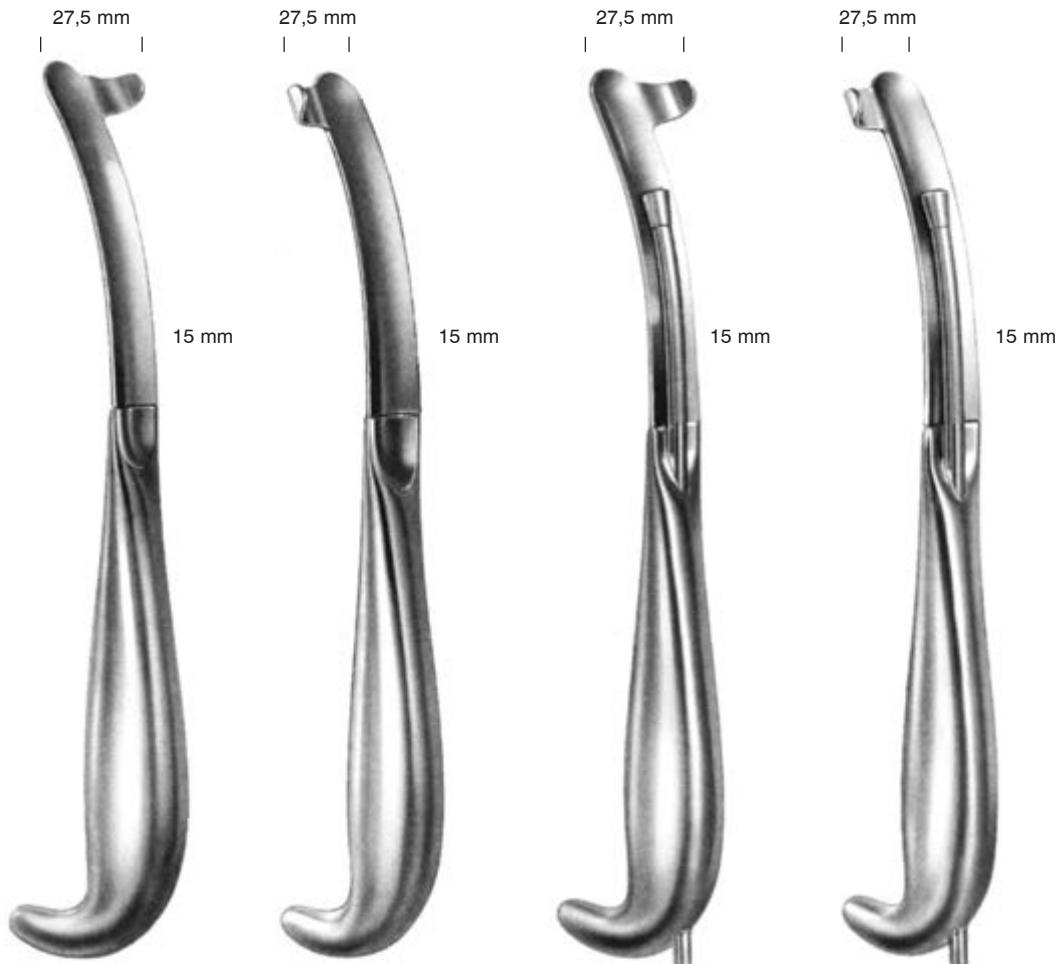


SMITH
49670-20
23,5 cm, 9 1/4"



OBWEGESER
49670-23
23 cm, 9"

Intraorale Retraktoren
 Intra Oral Retractors
 Separadores intra orales
 Retrattori intraorali



49671-01
 21 cm, 8 1/4"
 rechts
 right
 droite
 destra

49671-02
 21 cm, 8 1/4"
 links
 left
 gauche
 sinistra

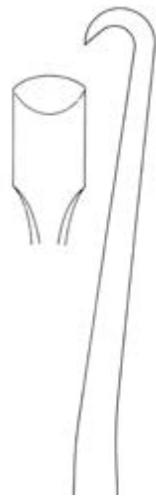
49671-01 CL
 24,5 cm, 9 3/4"
 rechts
 right
 droite
 destra

49671-02 CL
 24,5 cm, 9 3/4"
 links
 left
 gauche
 sinistra

Raspatorien
Periosteal Elevators
Legras
Elevatori per periostio



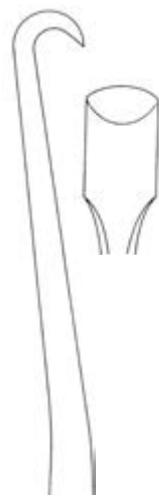
HARGIS
23 cm, 9"



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

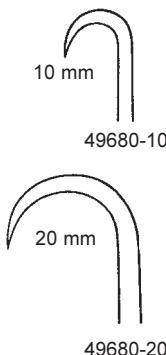
Aghi, Divaricatori per chirurgia plastica



OBWEGESER
49675-18
18 cm, 7"



19 cm, 7½"



49680-10

20 mm

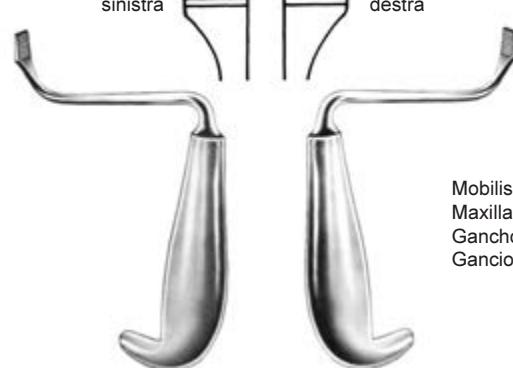
49680-20



DINGMAN
49685-21
21 cm, 8 ¼"

links
left
izquierda
sinistra

rechts
right
derecha
destra



TESSIER
49691-15 15 cm, 6"

Mobilisierhaken
Maxillary Mobilizer
Gancho para movilización
Gancio per mobilizzare

TESSIER
49692-15 15 cm, 6"

Intraorale Retraktoren
Intra Oral Retractors
Separadores intra orales
Retrattori intraorali



49694-25
25 cm, 9 3/4"
12,5 / 27 mm

49694-25 CL
28 cm, 11"
12,5 / 27 mm

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
Osteótomas
Osteotomi



7 mm



10 mm

49700-01
21,5 cm, 8 1/2"

49700-02
21,5 cm, 8 1/2"

Blattosteotom
Blade Osteotomes
Osteótomas de hoja
Osteotomo a lama



49705-08
8 mm



49705-12
12 mm



49705-16
16 mm



49705-20
20 mm

OBWEGESER
22 cm, 8 3/4"

Osteotome

Osteotome

Osteótomas

Osteotomi



49710-04
4x1,2 mm



49710-06
6x1,2 mm



49710-08
8x1,2 mm



49711-04
4x1,2 mm



49711-06
6x1,2 mm



EPKER
18 cm, 7"



49713-06
6x1,2 mm

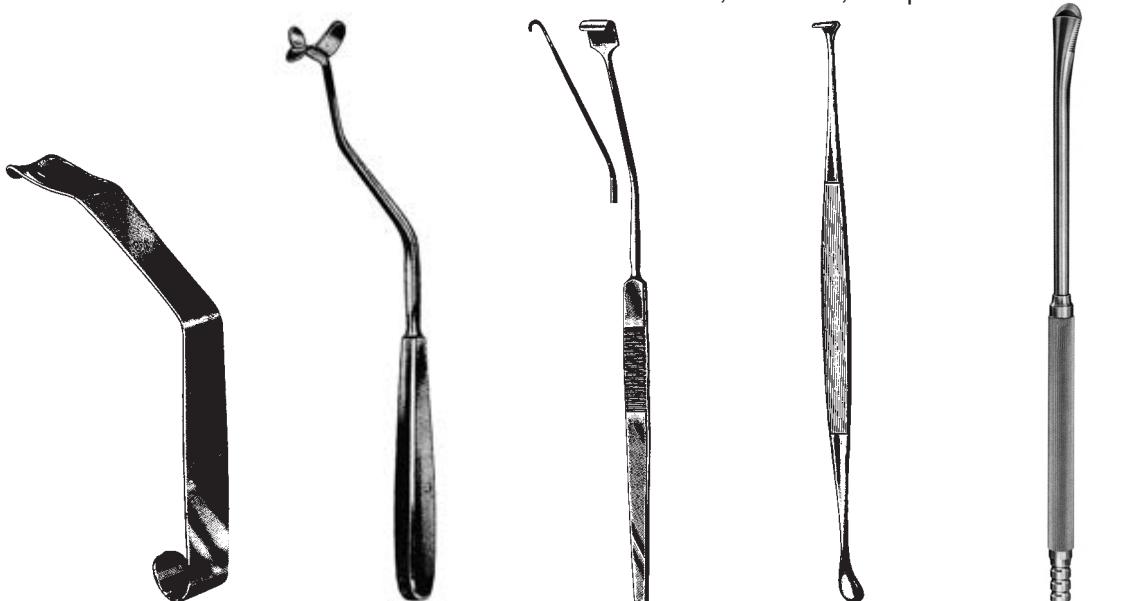


49713-08
8x1,2 mm

EPKER
18 cm, 7"

EPKER
18 cm, 7"

Wundhaken, Tonsillen-Elevatoren, Tamponstopfer
 Retractors, Tonsil-Elevators, Gauze packer
 Separadores, Elevadores para amígdalas, Tamponeador
 Divaricatori, Elevatori, Tamponatore



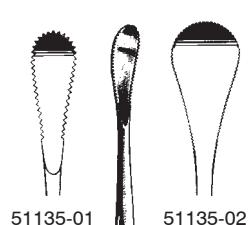
LOVE 15 cm, 6"
 51103-18 18 mm
 51103-20 20 mm
 51103-22 22 mm

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"



51135-01

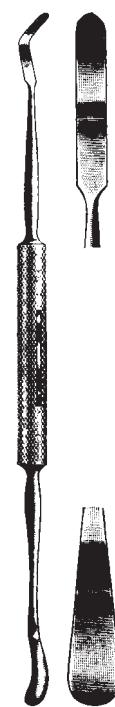
51135-02



YANKAUER
 51134-21
 21 cm, 8 1/4"



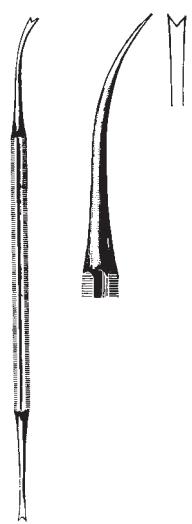
HENKE
 23 cm, 9"



CARPENTER
 51139-25
 25 cm, 10"



CARPENTER
 51143-24
 24 cm, 9 1/2"



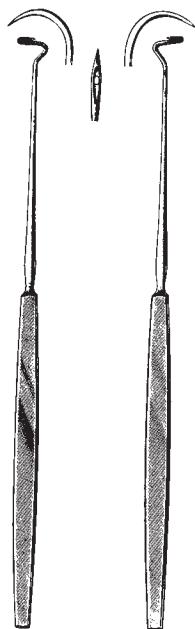
LUNIATSCHEK
 51151-19
 19 cm, 7 1/2"

Tonsillen-Nadeln, Tonsillen-Messer

Tonsil Needles, Tonsil-Knives

Agujas para suturas de amígdalas, Bisturies 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"

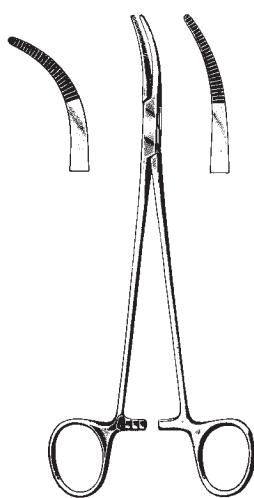


DOUGLAS
51178-21
21 cm, 8 1/4"



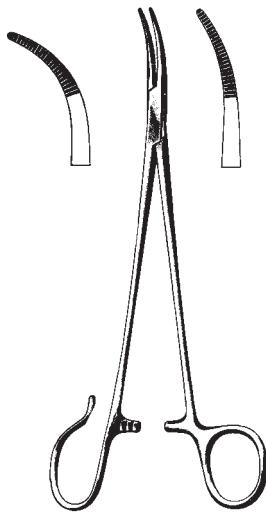
DOUGLAS
51179-17
17 cm, 6 3/4"

Tonsillenzange
 Tonsil Seizing Forceps
 Pinzas para coger las amígdalas
 Pinze per tonsille



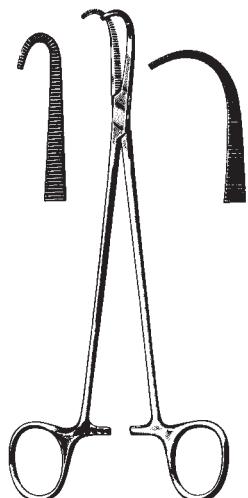
19 cm, 7 $\frac{1}{2}$ "
 SAWTELL
 51181-19

19 cm, 7 $\frac{1}{2}$ "
 SCHNIDT
 51183-19



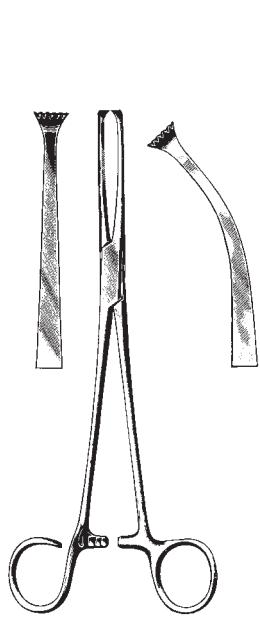
19 cm, 7 $\frac{1}{2}$ "
 SAWTELL
 51185-19

19 cm, 7 $\frac{1}{2}$ "
 SCHNIDT
 51187-19

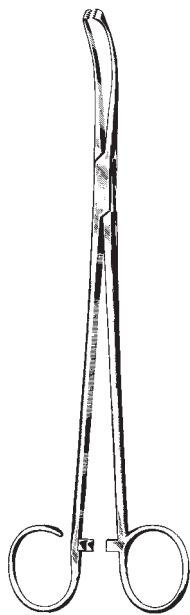


19 cm, 7 $\frac{1}{2}$ "
 NEGUS
 51191-19

19 cm, 7 $\frac{1}{2}$ "
 NEGUS
 51193-19



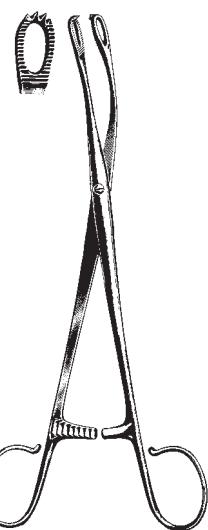
19 cm, 7 $\frac{1}{2}$ "
 COLVER
 51202-19



WHITE
 51205-18 18 cm, 7"
 51205-23 23 cm, 9"



BALLINGER
 51207-21
 21,5 cm, 8 $\frac{1}{2}$ "

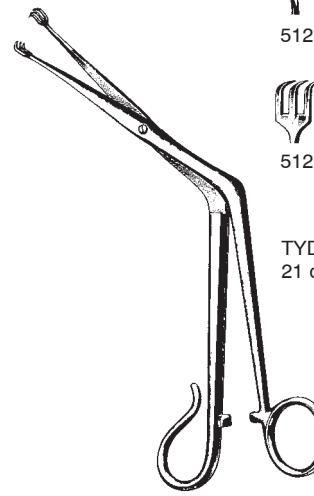


BLOHMKE
 51209-20
 20 cm, 8"

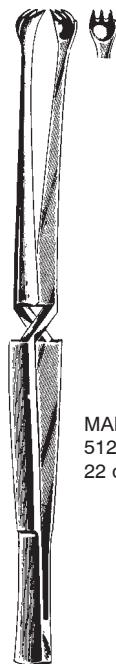
Tonsillen-Zangen u. -Pinzetten, Tonsillen-Kompressoren, Tonsillen-Schnüller
 Tonsil-Forceps, Tonsil-Snares
 Pinzas, Compresores para amígdalas, Cierra-nudos para amígdalas
 Pinze, Compressori per tonsille, Serranodi per tonsille



ABRAHAM
51210-20
20 cm, 8"



TYDING
21 cm, 8 1/4"



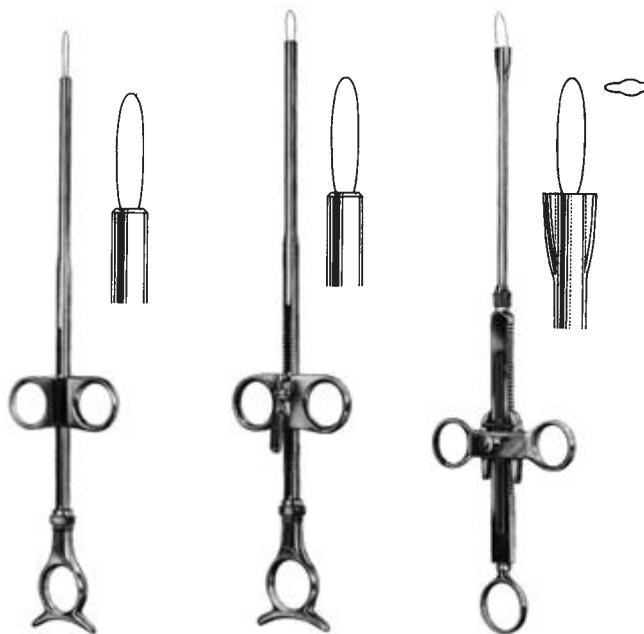
MARSCHIK
51219-22
22 cm, 8 3/4"



51211-21



51213-21



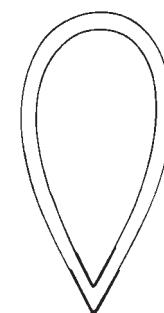
EVES
51250-28
28 cm, 11"



EVES
51252-28
28 cm, 11"



BRUENINGS
51256-28
28 cm, 11"

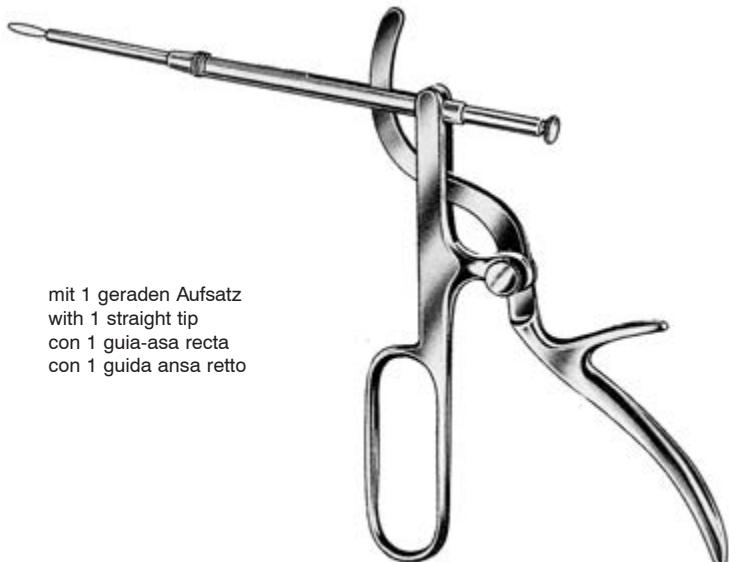


51257-40 40 mm
51257-50 50 mm
Pack of 100 pcs



51259-03 0,3 mm
51259-04 0,4 mm
51259-05 0,5 mm
Pack of 12 pcs

Tonsillotom
Tonsillectomes
Amigdalótomas
Tonsillotomi



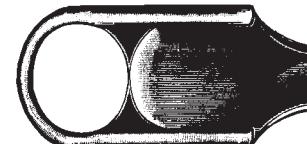
mit 1 geraden Aufsatz
with 1 straight tip
con 1 guia-asa recta
con 1 guida ansa recto

TYDING
51260-00

Tonsillotom, Spritzen, Septum Nadeln
 Tonsillectomes, Syringes, Septum needles
 Amigdalotomos, Jeringas, Septum aguja
 Tonsillotomi, Siringhe, Septum aghi

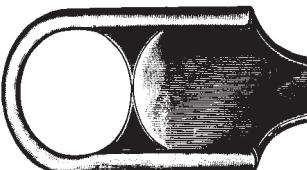
Aufsatz allein
 blade only
 hoja sola
 lama sola

51270-01



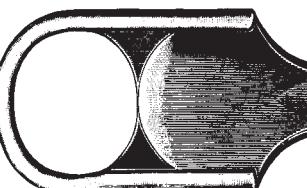
1

51270-02



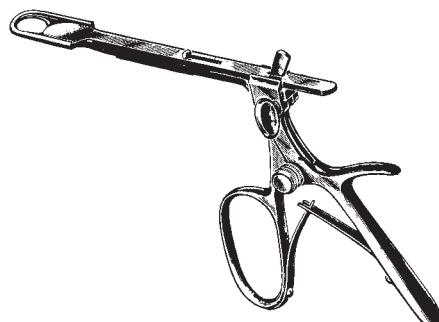
2

51270-03

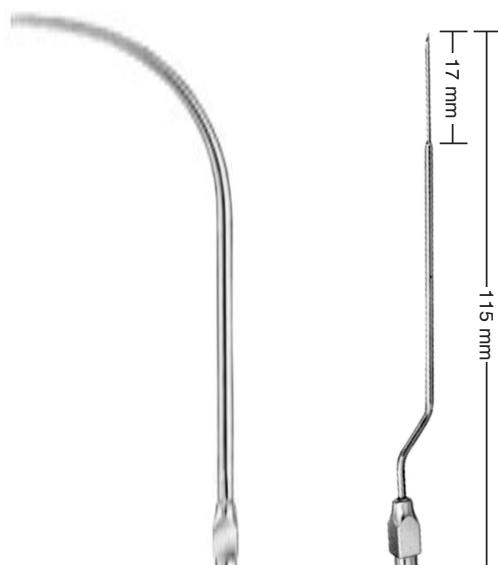


3

51270-04
 Handgriff allein
 Handle only
 mango para
 manipolo solo

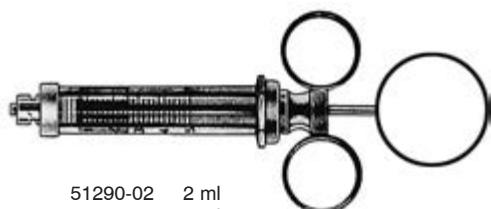


SLUDER-BALLINGER
 51270-00
 mit 3 Aufsätzen
 with 3 blades
 con 3 hojas
 con 3 lame



51291-00
 2,5 mm Ø

51293-00
 0,8 mm Ø



51290-02 2 ml
 51290-05 5 ml
 51290-10 10 ml
 51290-20 20 ml



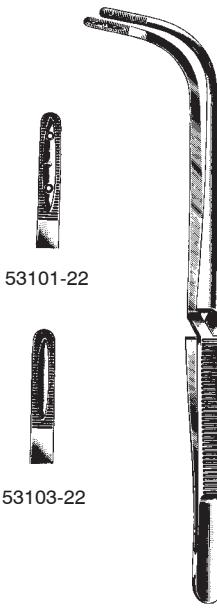
51292-00

51293-45
 45°51293-90
 90°

Septum-Schere, Kehlkopfpolyppen-Zangen, Deckelhalter
 Septum-Scissors, Laryngeal Polypus Forceps, Epiglottis Retractor
 Tijeras para septo, Pinzas para pólipos laringeos, Depresor para epiglotis
 Forbice per il setto nasale, Pinze per polipi laringei, Depressore per epiglottide

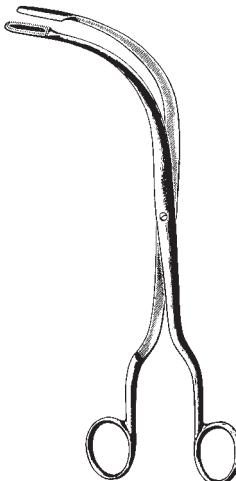


KILLIAN
53102-20
20 cm, 8"

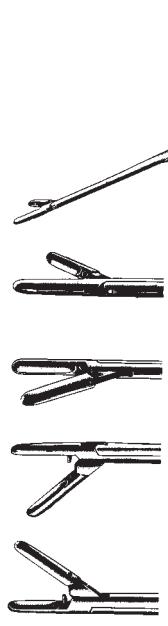


53101-22
53103-22

JACKSON
53101-22 - 53103-22
22 cm, 8 3/4"



FRAENKEL
53111-18
18 cm, 7"

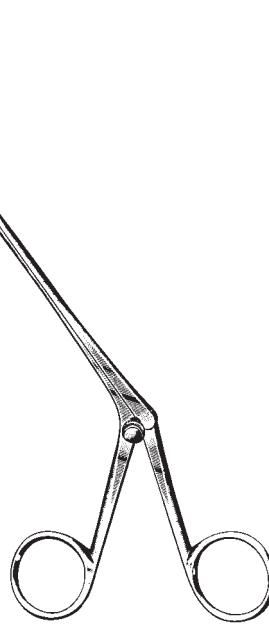


53115-01
Fig. 1

53115-02
Fig. 2

53115-03
Fig. 3

53115-04
Fig. 4

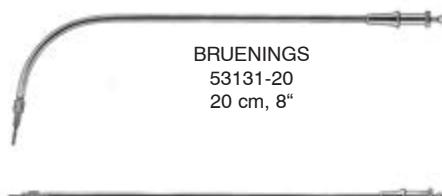


JURASZ
53115-01 - 53115-04
23 cm, 9"



REICHERT
53121-24
24 cm, 9 1/2"

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"



HUBER
53130-00

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"	



FRAENKEL
53150-00



SEIFERT
53152-00



FRAENKEL
53154-00

- 53158-02
- 53158-03



SCHEINMANN
53155-00



SCHEINMANN
53157-00



BRUENINGS
53158-02 - 53158-03

- 53160-02
- 53160-03



BRUENINGS
53160-02 - 53160-03



LANGE
53162-00

- 53164-01

- 53164-02



KRAUSE
53164-01 - 53164-02



KRAUSE
53166-00



SCHUMACHER
53170-00



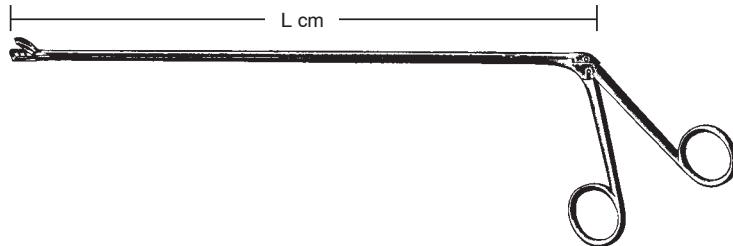
BARACANI
53175-00



CORDES
53177-01 - 53177-02



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



cm	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7	Fig. 8
30/11 $\frac{3}{4}$ "	53230-01	53230-02	53230-03	53230-04	53230-05	53230-06	53230-07	53230-08
40/15 $\frac{3}{4}$ "	53240-01	53240-02	53240-03	53240-04	53240-05	53240-06	53240-07	53240-08
50/19 $\frac{3}{4}$ "	53250-01	53250-02	53250-03	53250-04	53250-05	53250-06	53250-07	53250-08
60/23 $\frac{1}{2}$ "	53260-01	53260-02	53260-03	53260-04	53260-05	53260-06	53260-07	53260-08

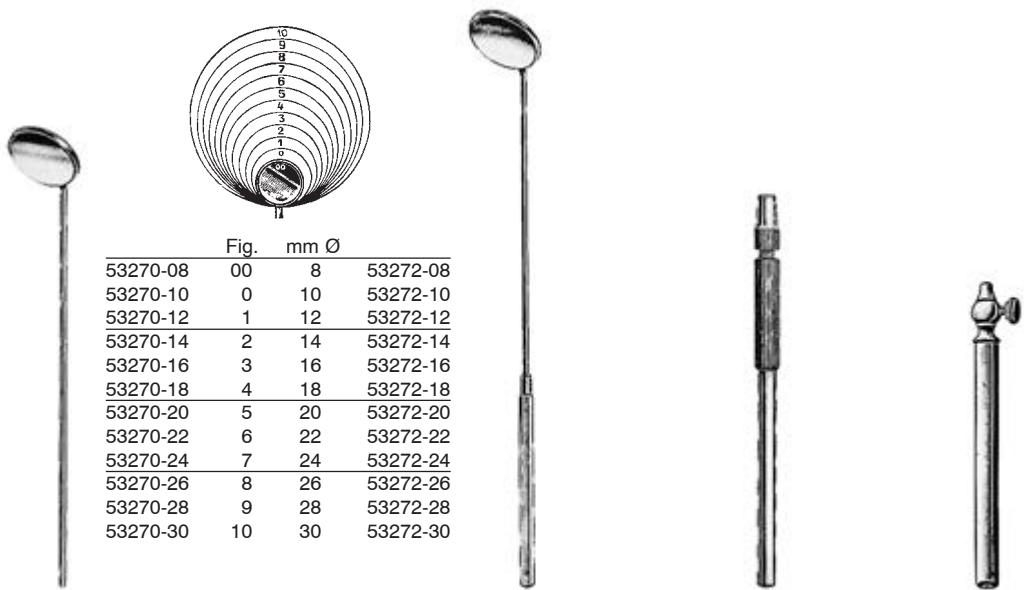


Fig.	mm Ø	
53270-08	00	8 53272-08
53270-10	0	10 53272-10
53270-12	1	12 53272-12
53270-14	2	14 53272-14
53270-16	3	16 53272-16
53270-18	4	18 53272-18
53270-20	5	20 53272-20
53270-22	6	22 53272-22
53270-24	7	24 53272-24
53270-26	8	26 53272-26
53270-28	9	28 53272-28
53270-30	10	30 53272-30

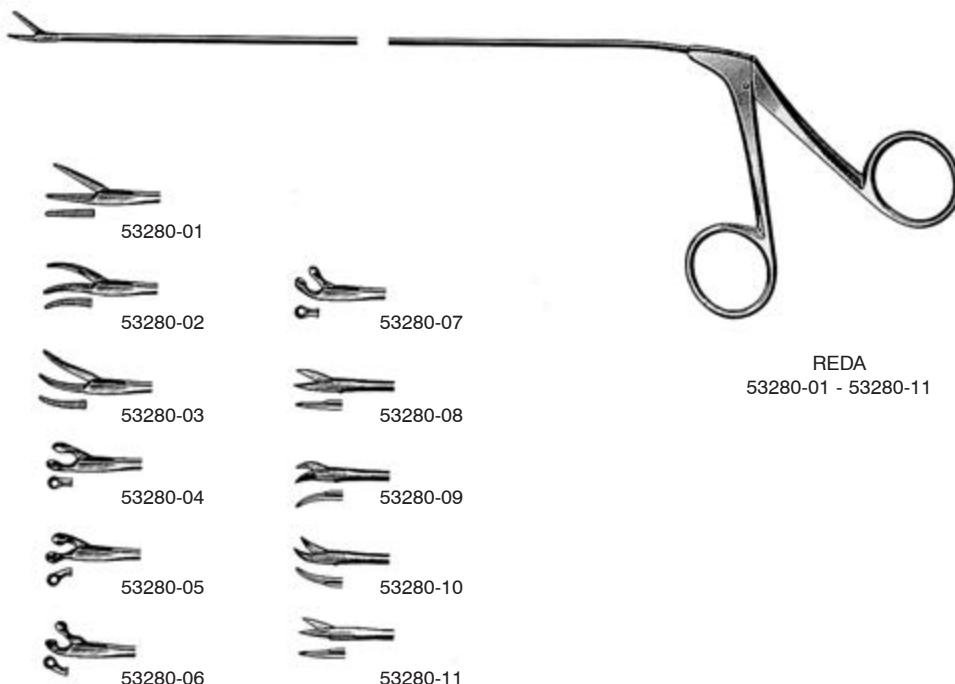
53270-08 - 53270-30

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 22 cm (8 3/4")

- 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 Pinza microlaringea 22 cm (8 3/4")

- 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 Micro-Laryngeal Forceps 22 cm (8 3/4")

- 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 Pinze ad asta tubolare per microchirurgia 22 cm (8 3/4")

- 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 cucchiaio rotondo retto, 2,5 mm
- 53280-05 morsi a forma di cucchiaio rotondo angolati a sinistra, 2,5 mm
- 53280-06 morsi a forma di cucchiaio rotondo angolati a destra, 2,5 mm
- 53280-07 morsi a forma di cucchiaio 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 Laringoscopía
 Strumenti per la Laringoscopia

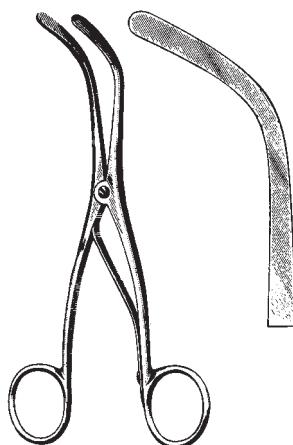
 25 cm, 10"	53290-01 Sichelmesser micro-laryngeal sickle microlaringeo cuchillo de hoz Coltello falcato
	53290-02 Schälmesser, quer, oval micro-laryngeal separador oval, horizontal microlaringeo separador ovalado, horizontal Separatore ovale
	53290-03 Schälmesser, längs, oval micro-laryngeal separador oval, vertical microlaringeo separador ovalado, vertical Separatore ovale orizzontale
	53290-04 Schälmesser, 45° abgewinkelt micro-laryngeal round cutting knife, 45° angled microlaringeo cuchillo para cortes redondos, 45° angulado Separatore angolato 45°
	53290-05 Hækchen, 90° gebogen stumpf micro-laryngeal hook 90° angled, blunt microlaringeo ganchito 90° angulado, romo Uncino angolato 90° smusso
	53290-06 Hækchen, 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 ligatore 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 Dilatatoren, Trachealhaken, Tracheal-Wundspreizer

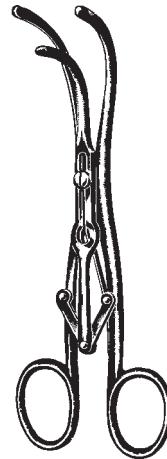
Trachea Dilators, Trachea hooks, Tracheal Retractors

Dilatadores para la tráquea, Ganchos para traqueotomía, Retractor traqueal

Dilatatori per tracheotomia, Ganci per tracheotomia, Divaricatori tracheali



TROUSSEAU-BABY
55111-13 13 cm, 5 1/8"

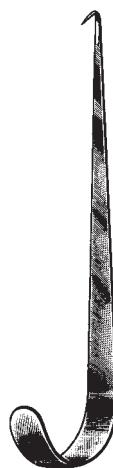


LABORDE
55113-14
14 cm, 5 1/2"

TROUSSEAU
55111-14 14 cm, 5 1/2"



BOSE
55115-07
7 cm, 2 3/4"



JACKSON
55116-15
15 cm, 6"



JACKSON
55117-17
17 cm, 6 3/4"

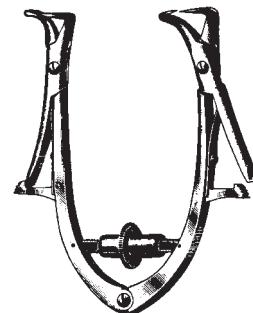
Trachealhaken, Kanüle
Trachea Hooks, Tubes
Ganchos para traqueotomía, Cánula
Ganci per tracheotomia, Cannule



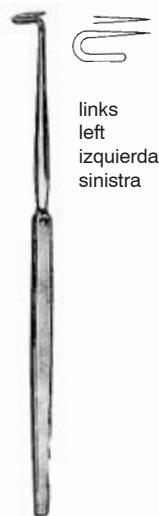
ITERSON
55118-16 - 55119-16
16 cm, 6 1/4"



NEWS
55120-15
15 cm, 6"



FRIEDMANN
71351-10 10 cm, 4"
71351-15 15 cm, 6"



BOSE
55122-16
16 cm, 6 1/4"



BOSE
55124-16
16 cm, 6 1/4"



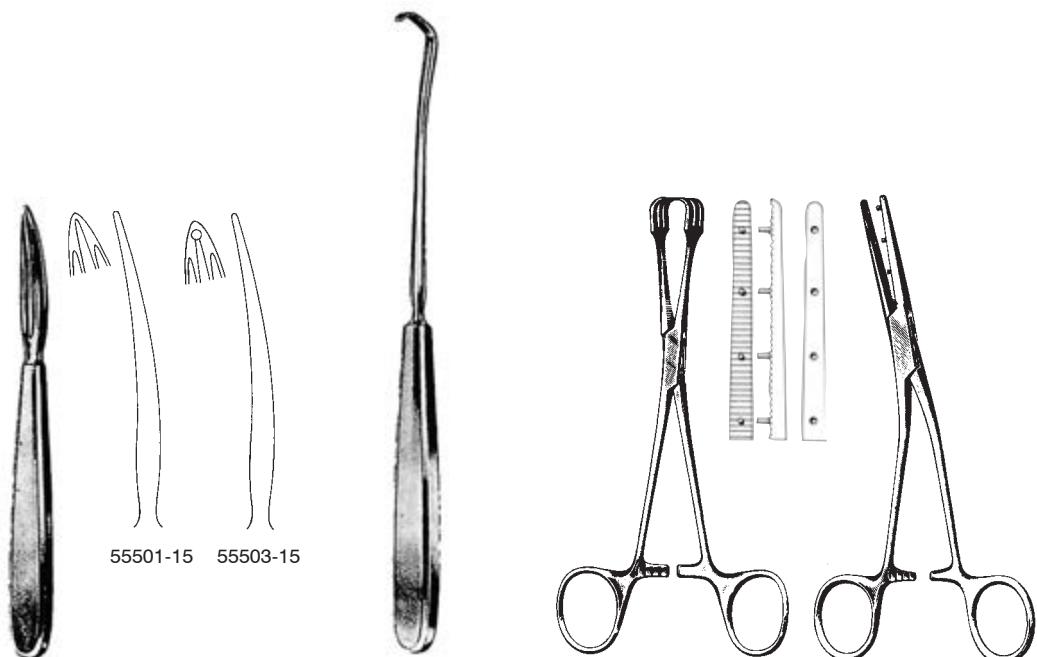
WAGENER-MOSHER
55151-05 5 mm
55151-07 7 mm
55151-09 9 mm



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



Fig.	Ø mm	Länge des Außenrohrs	LUER	CHEVALIER-JACKSON
		Length of outer tube	Neusilber German silver alpaca argentone	Neusilber German silver alpaca argentone
0	4	45 mm	55220-04	55240-04
1	5	50 mm	55220-05	55240-05
2	6	55 mm	55220-06	55240-06
3	7	60 mm	55220-07	55240-07
4	8	65 mm	55220-08	55240-08
5	9	70 mm	55220-09	55240-09
6	10	75 mm	55220-10	55240-10
7	11	80 mm	55220-11	55240-11
8	12	85 mm	55220-12	55240-12
9	13	90 mm	55220-13	55240-13



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
 Costótomas
 Costotomi



COLLIN
 57102-23
 23 cm, 9"



57105-22
 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"

GLUCK
 57107-22
 22 cm, 8 3/4"

Rippenscheren, Sternumscheren
 Rib Shears, Sternum Scissors
 Costotomos, 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"



SAUERBRUCH-FREY
 57141-36
 36 cm, 14.2"

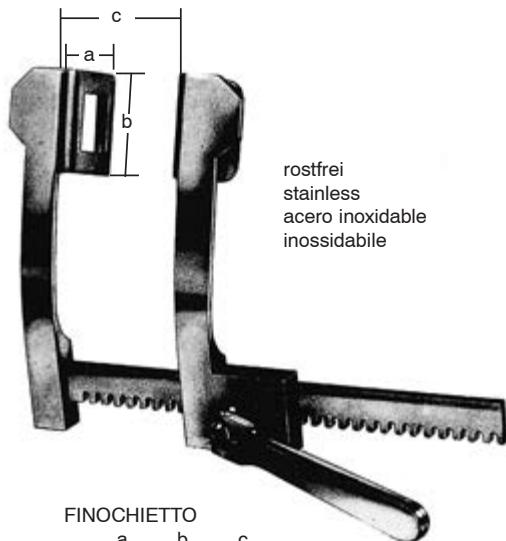


BRUNNER
 57146-28 - 57147-28
 28 cm, 11"

57146-28
 für die rechte Hand
 for the right hand
 para la mano derecha
 per la mano destra

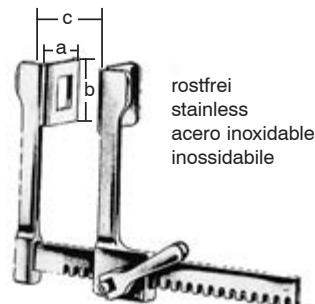
57147-28
 für die linke Hand
 for the left hand
 para la mano izquierda
 per la mano sinistra

Rippensperrer
 Rib Spreaders
 Separadores costales
 Divaricatori costali



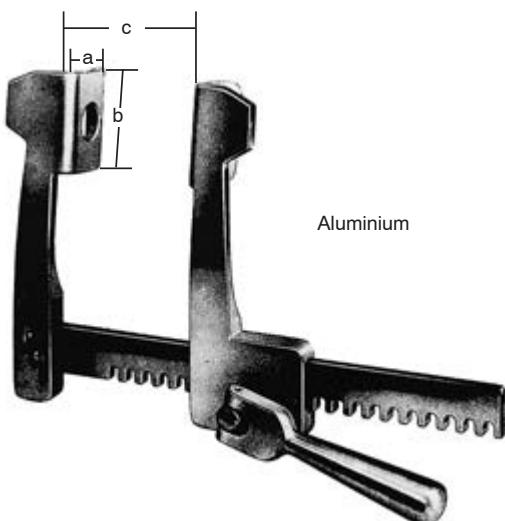
FINOCHIETTO

	a mm	b mm	c mm
57210-16	38	44	160
57210-20	52	62	200
57210-25	65	85	250



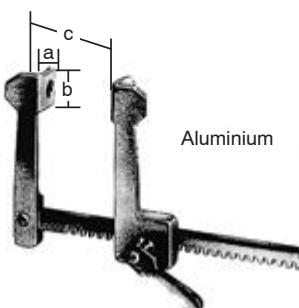
FINOCHIETTO-BABY

	a mm	b mm	c mm
57214-75	18	20	75



FINOCHIETTO

	a mm	b mm	c mm
57230-13	38	44	135
57230-17	52	62	175
57230-18	85	65	175



FINOCHIETTO-BABY

	a mm	b mm	c mm
57234-75	15	15	75

Rippensperrer
Rib Spreaders
Separadores costales
Divaricatori costali

FINOCHIETTO-BURFORD

	a mm	b mm	c 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 mm	b mm	c mm
57242-20	47	62	200
	65	62	
57242-25	47	62	250
	65	62	
57242-30	47	62	300
	65	62	



Aluminium

Kinder
Child Size
para niños
per bambini

FINOCHIETTO-BURFORD

	a mm	b mm	c mm
57244-13	34	42	135
	48	42	

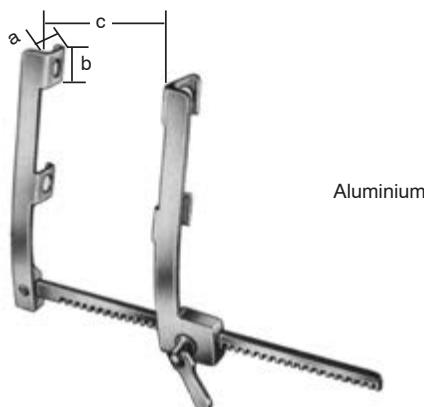


Aluminium

Rippensperrer
 Rib Spreaders
 Separadores costales
 Divaricatori costali

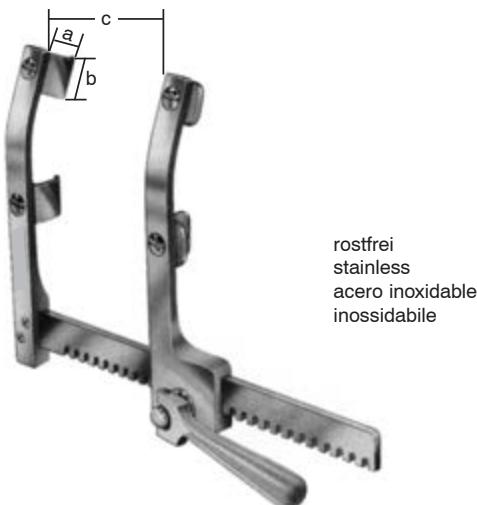
FINOCHIETTO

	a	b	c
	mm	mm	mm
57245-13	14	14	120



MORSE

	a	b	c
	mm	mm	mm
57246-16	17	22	160

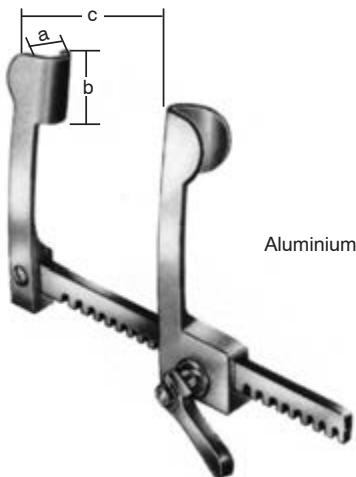


MORSE-FAVALORO

	a	b	c
	mm	mm	mm
57246-21	19	27	210



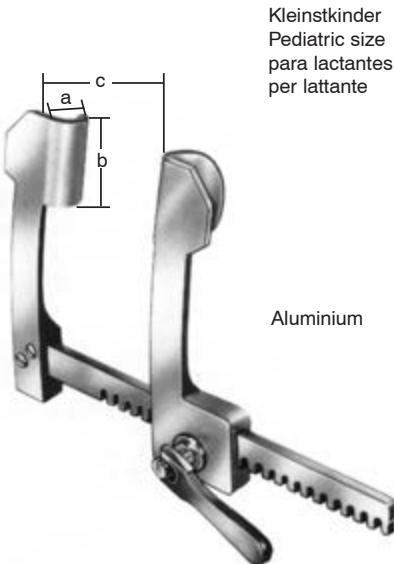
Rippensperrer
Rib Spreaders
Separadores costales
Divaricatori costali



COOLEY-NEONATAL
a b c
mm mm mm
57247-95 12 16 95



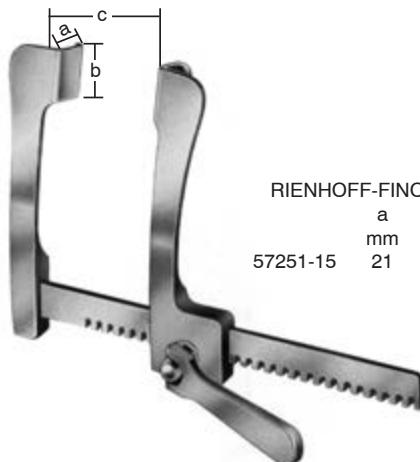
COOLEY
a b c
mm mm mm
57249-01 10 14 90



COOLEY
a b c
mm mm mm
57248-14 15 30 140

Kleinstkinder
Pediatric size
para lactantes
per lattante

Rippensperrer
 Rib Spreaders
 Separadores costales
 Divaricatori costali

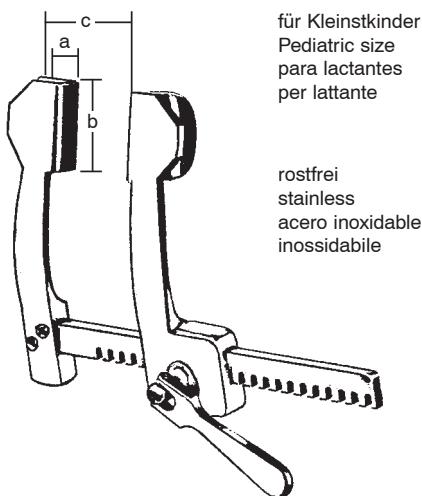


RIENHOFF-FINOCHIETTO

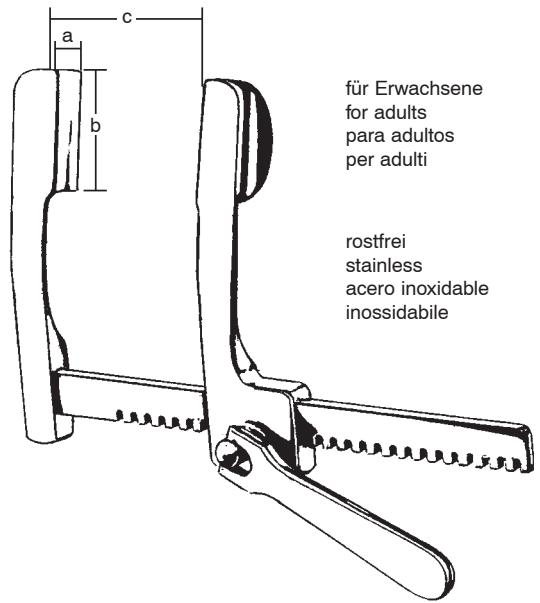
57251-15	a mm 21	b mm 26	c mm 150
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rostfrei
 stainless
 acero inoxidable
 inossidabile

Rippensperrer
Rib Spreaders
Separadores costales
Divaricatori costali



	COOLEY		
	a mm	b mm	c mm
57260-02	16	30	105
57260-03	21	44	150



	COOLEY		
	a mm	b mm	c mm
57260-04	37	49	200

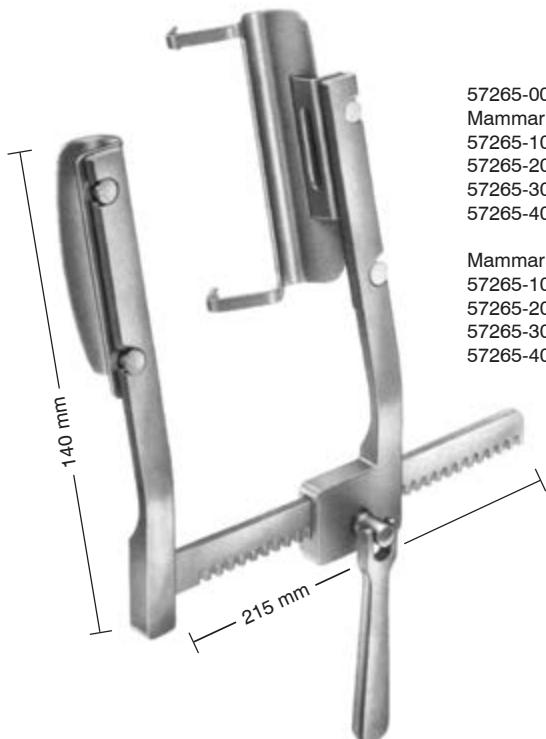


	HAIGHT			
	a mm	b mm	c mm	h mm
57260-06	30	30	90	65
57260-09	30	30	90	90



	TUFFIER		
	a mm	b mm	c mm
57264-16	50	45	165

Sternum-Sperrer
Sternum Retractors



57265-00

Mammaria Sperrer, komplett bestehend aus:

57265-10 Sperrer allein

57265-20 Mammariablatt, komplett mit Aufnahmefl. 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 Mammariablade 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



57265-20

Mammariablatt, komplett

Mammariablade, complete

57265-30

Sternumblätter 30x100 mm

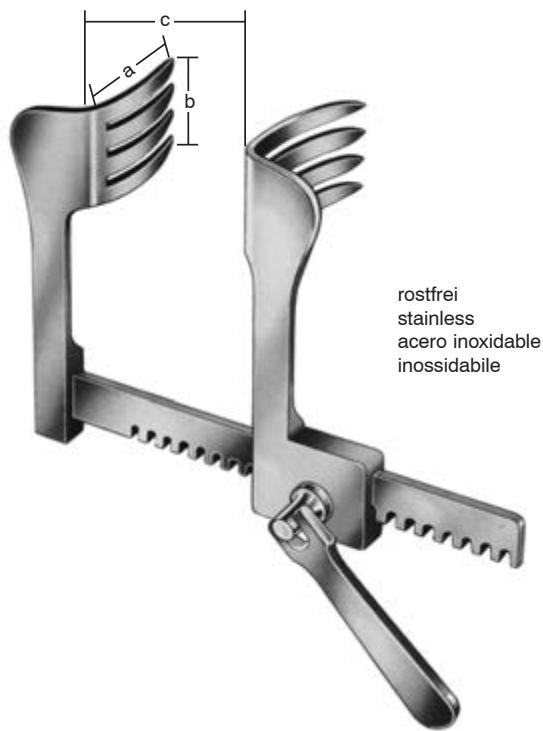
Sternum blades 30x100 mm

57265-40

Sternumblätter 40x100 mm

Sternum blades 40x100 mm

Laminektomie-Sperrer
Laminectomy-Retractor
Separadores para laminectomía
Divaricatori Laminectomia



CHERRY

	a	b	c
	mm	mm	mm
57266-13	44	70	135

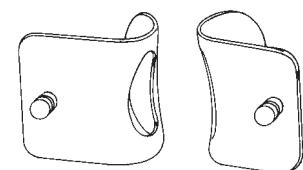
Thoraxspreller
Thoracic retractor
Separador torácico
Divaricatore per il torace



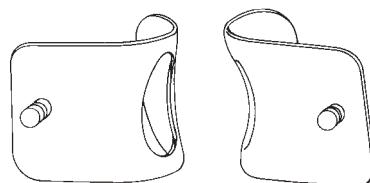
MERCEDES compl.
57270-00

57270-80
Spreller allein
Retractor only
Separador solo
Divaricatore solo

rostfrei
stainless
acero inoxidable
inoSSIDabile



57270-65
42x65 mm



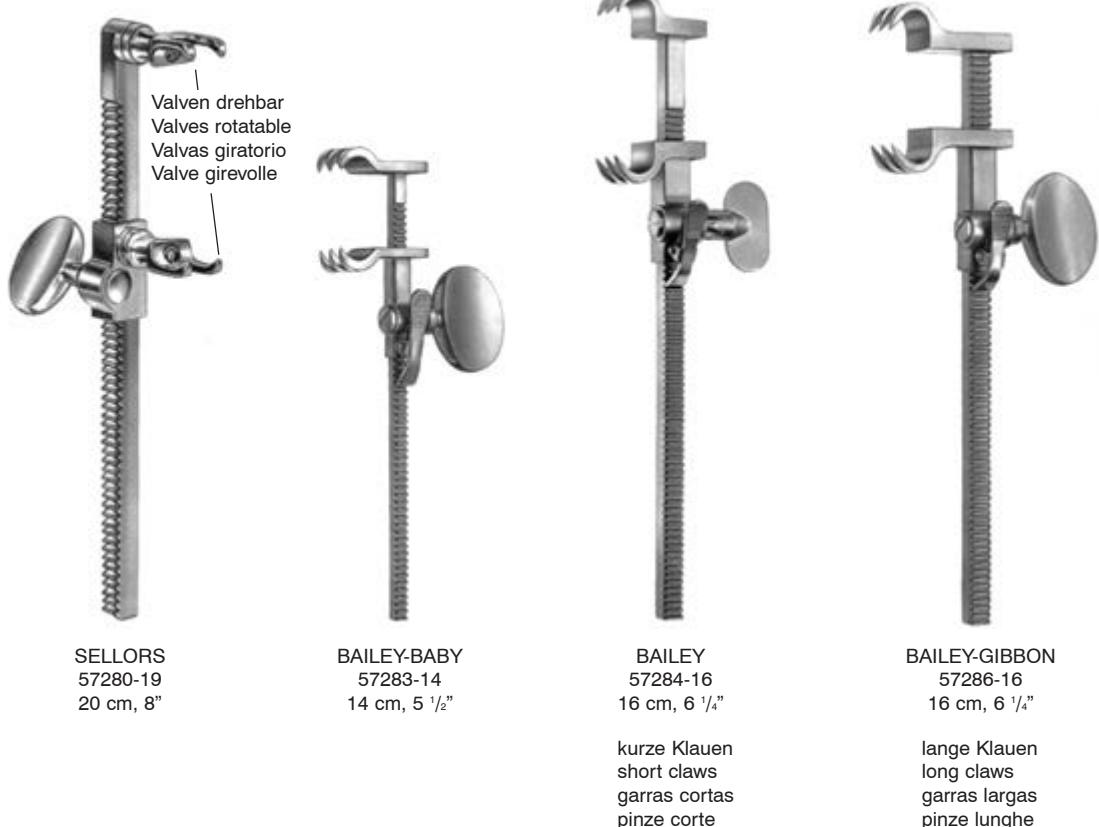
57270-75
75x75 mm

Rippenkontraktoren

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"

BAILEY-GIBBON
57286-16
16 cm, 6 1/4"

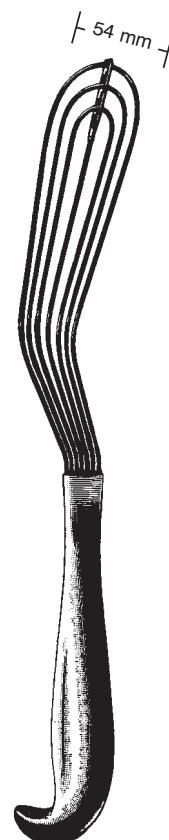
kurze Klauen
short claws
garras cortas
pinze corte

lange Klauen
long claws
garras largas
pinze lunghe

Lungenspatel
Lung Spatulas
Espátulas pulmonares
Spatole per polmone

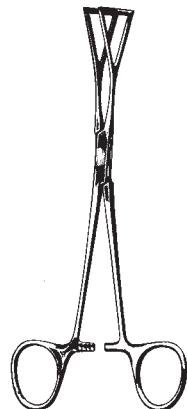


57288-30
30 cm, 11 3/4"



ALLISON
57289-32
32 cm, 12 3/4"

Lungenfaßzange, Bronchusklemmen
 Lung Grasping Forceps, Bronchus Forceps
 Pinzas para coger el pulmón, Pinzas clamps bronquiales
 Pinze per afferrare il polmone, Pinze per bronchi



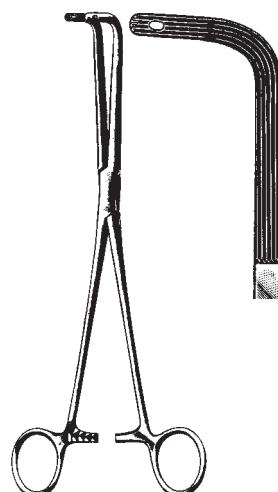
LOVELACE
 57290-20
 20 cm, 8"



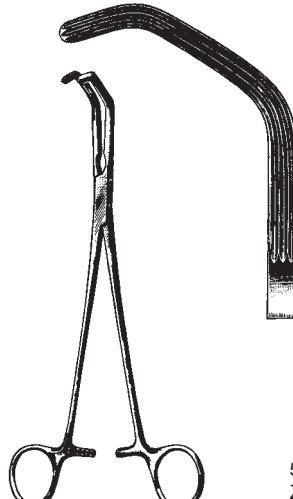
LOVELACE
 57291-20
 20 cm, 8"



HARRINGTON
 57301-30
 30,5 cm, 12"



FINOCIETTO
 57307-24
 24 cm, 9 1/2"



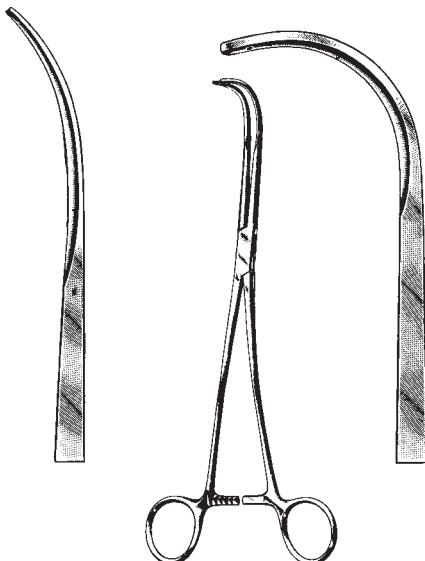
PRICE-TOMAS
 57309-22
 22 cm, 8 3/4"

57311-22
 Zähne links
 tooth left
 dientes izquierda
 denti sinistro



PRICE-TOMAS
 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

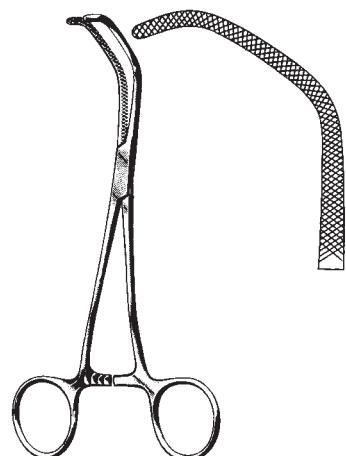
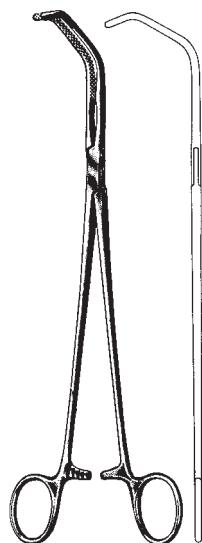
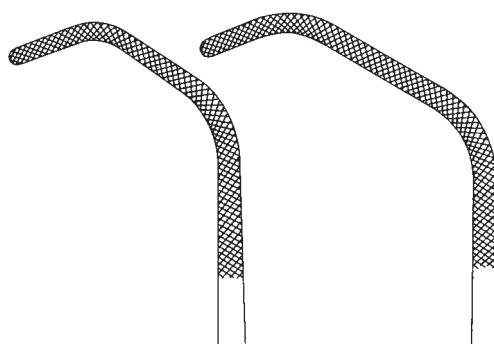
SEMB
23 cm, 9"SATINSKY
57325-15
15 cm, 6"SATINSKY
57327-26 - 57329-26
26 cm, 10 1/4"

Fig. 1 57327-26

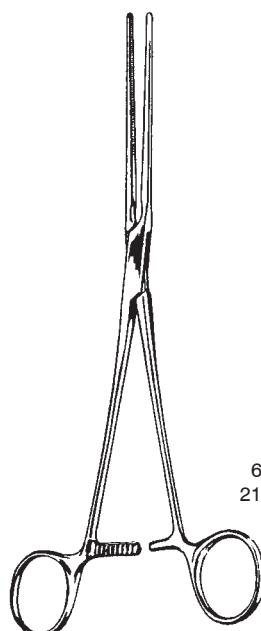
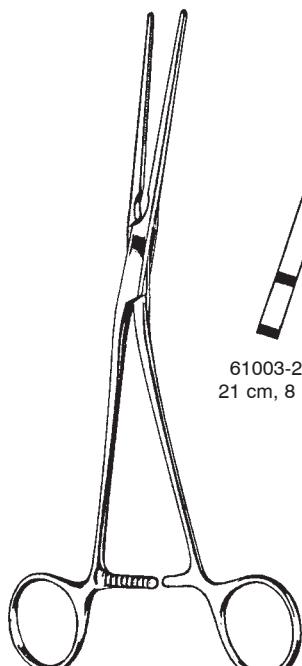
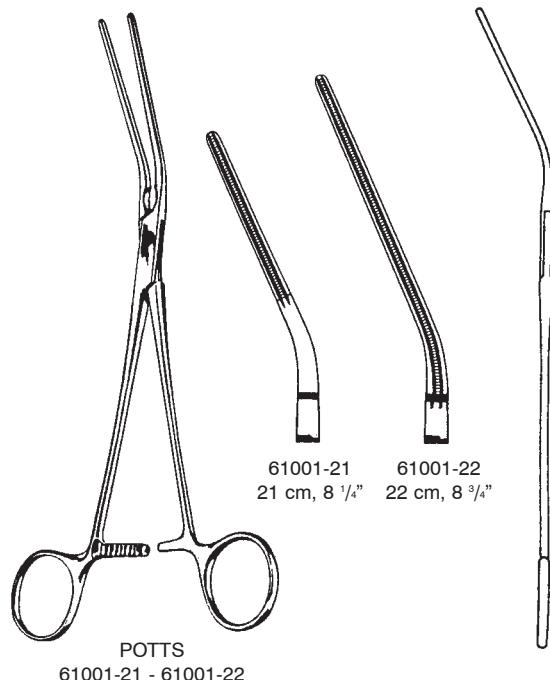
Fig. 2 57329-26

Coarctations-Klemmen

Coarctation clamps

Pinzas clamps para coartación

Pinza per coartazione

POTTS
61000-21 - 61000-22POTTS
61003-21 - 61003-22POTTS
61001-21 - 61001-2261003-22
22 cm, 8 3/4"61003-21
21 cm, 8 1/4"

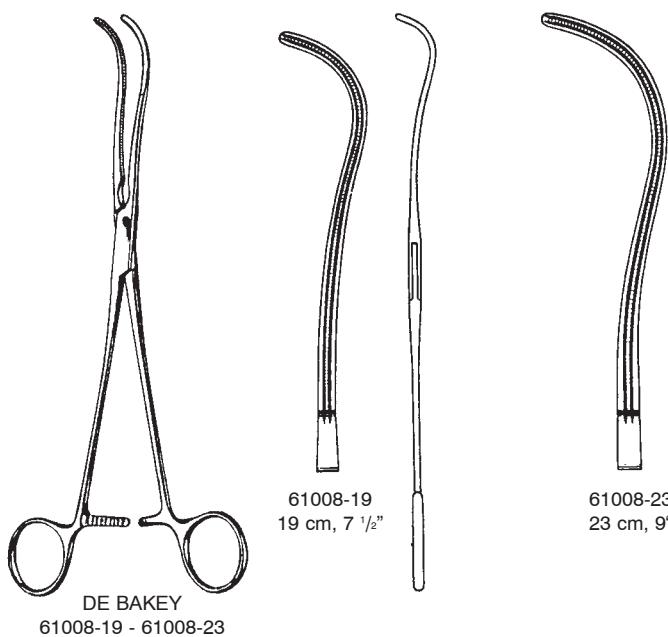
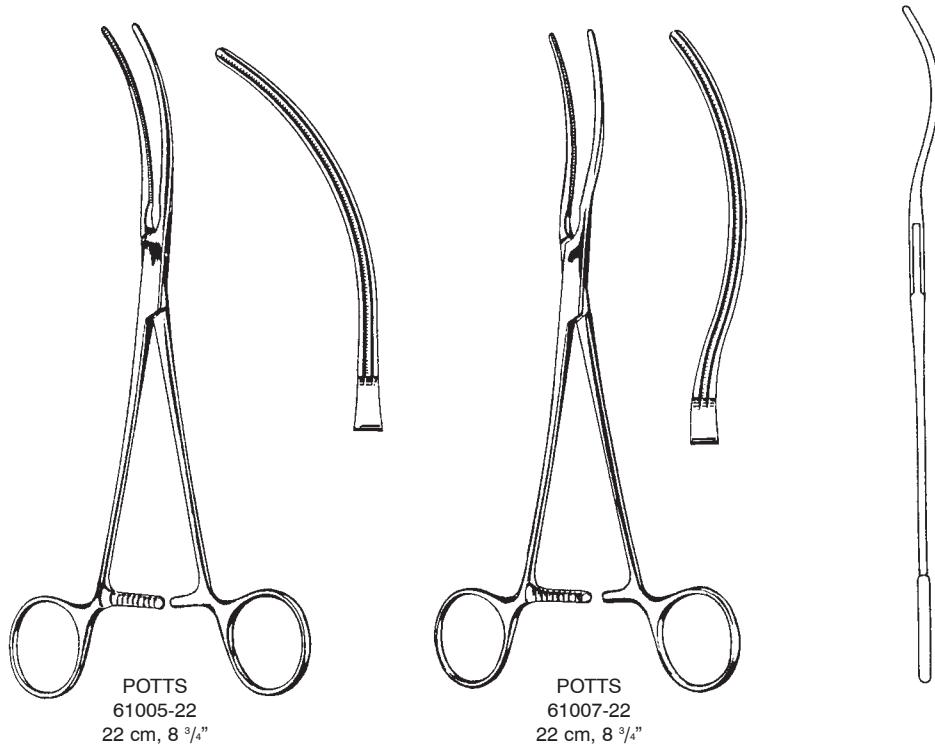
Atrauma

Anastomosen-Klemmen, Präparier- und Ligaturklemmen

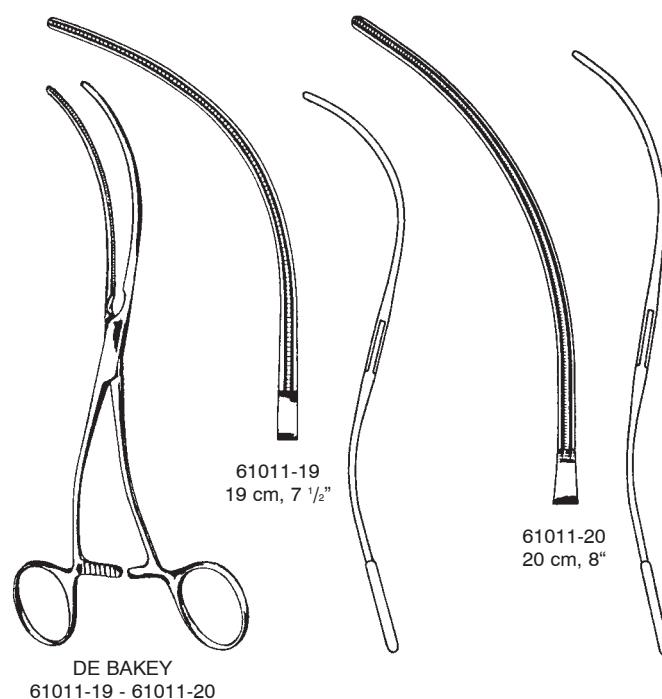
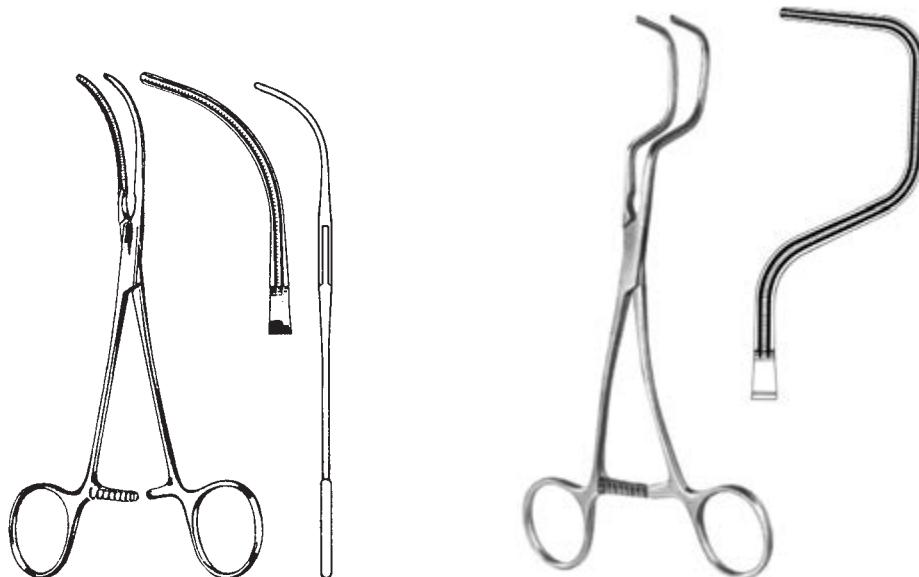
Anastomosis clamps, Dissecting and ligature forceps

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



Atrauma

Peripheral-Gefäßklemmen
 Peripheral vascular clamps
 Pinzas-clamps para vasos periféricos
 Pinze vascolari periferici



DALE

61012-17
 17,5 cm, 7"

61012-18
 18 cm, 7"

61012-19
 18,5 cm, 7 1/4"



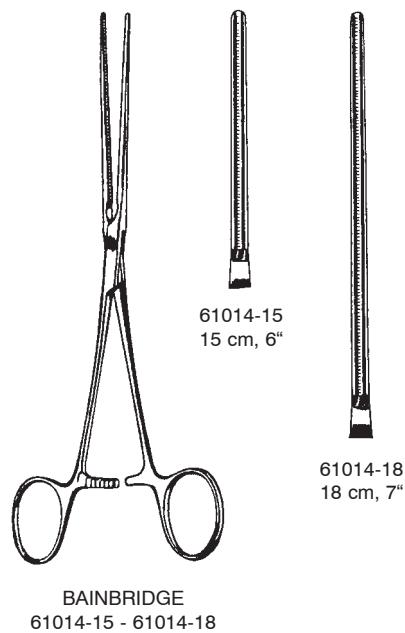
LELAND-JONES
 61013-18 - 61013-20

61013-18
 18 cm, 7"

61013-19
 19 cm, 7 1/2"

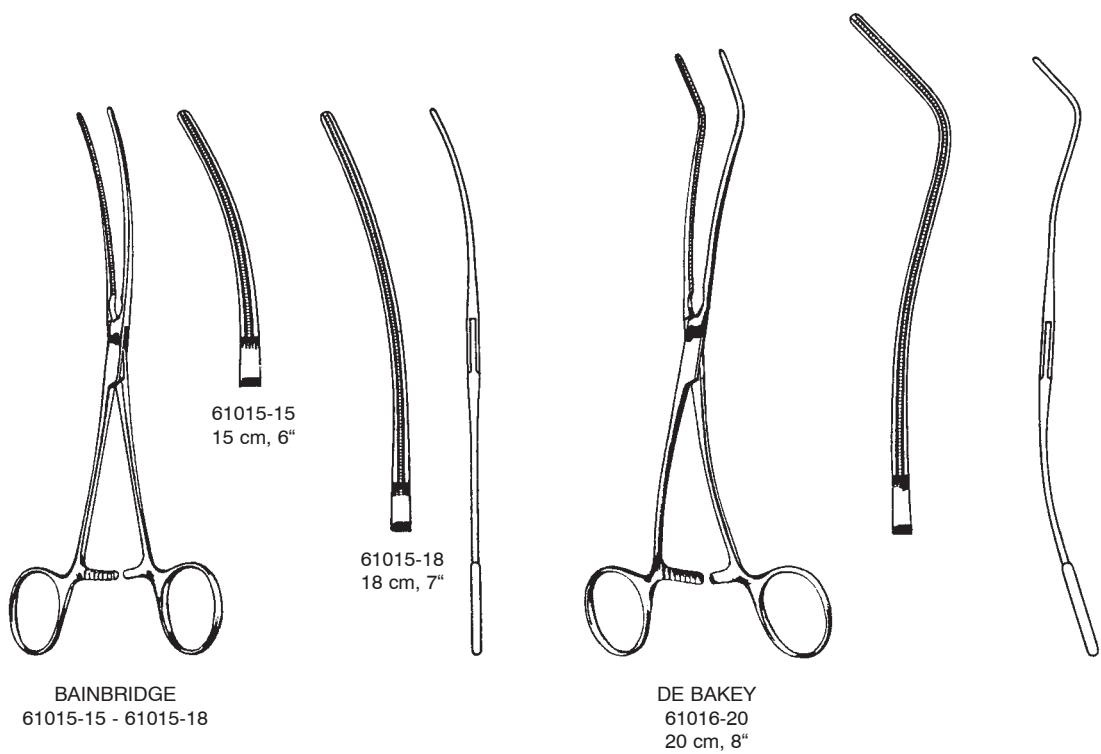
61013-20
 20 cm, 8"

Mehrzweck-Gefäßklemme
Multi Purpose Vascular Clamps
Pinzas vasculares de usos multiples
Pinze vascolari universali

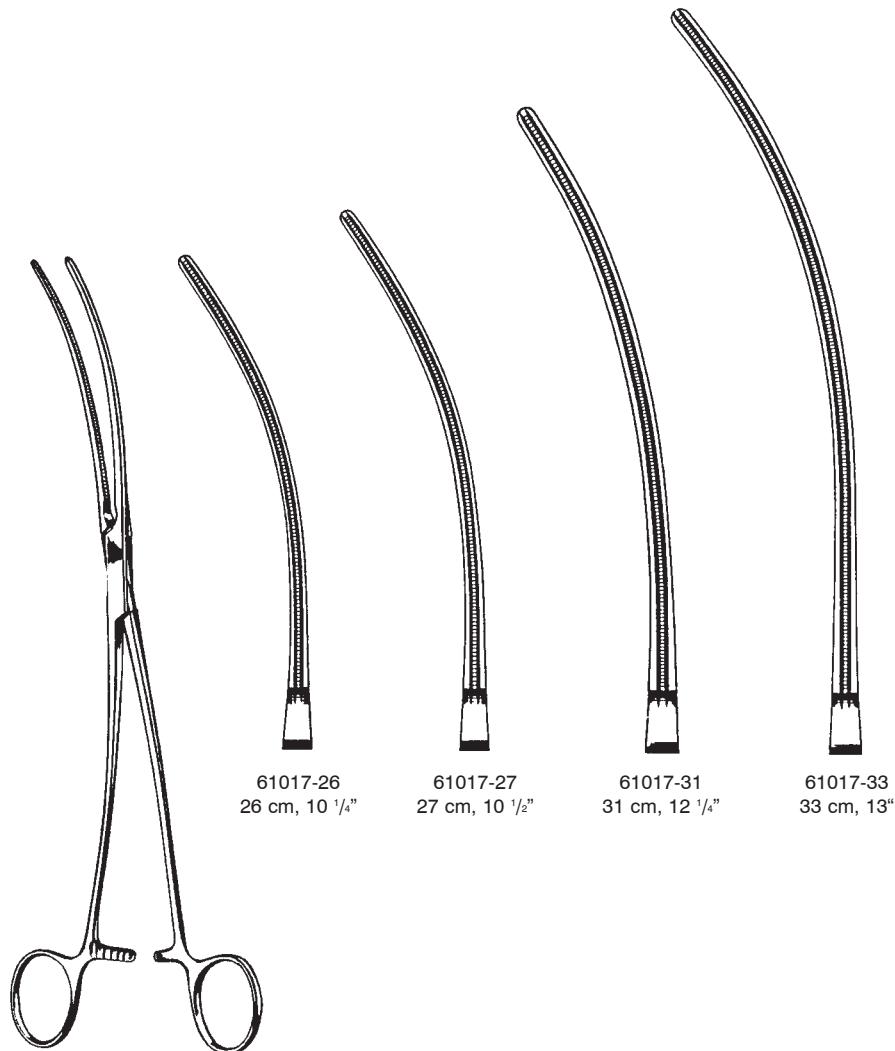


Atrauma

Mehrzweck-Gefäßklemme
Multi Purpose Vascular Clamps
Pinzas vasculares de usos multiples
Pinze vascolari universali



Aorta-Aneurysmaklemmen
Aortic aneurysm clamps
Pinzas-clamps para aneurisma de la aorta
Pinze per aneurisma aorta



DE BAKEY
61017-26 - 61017-33

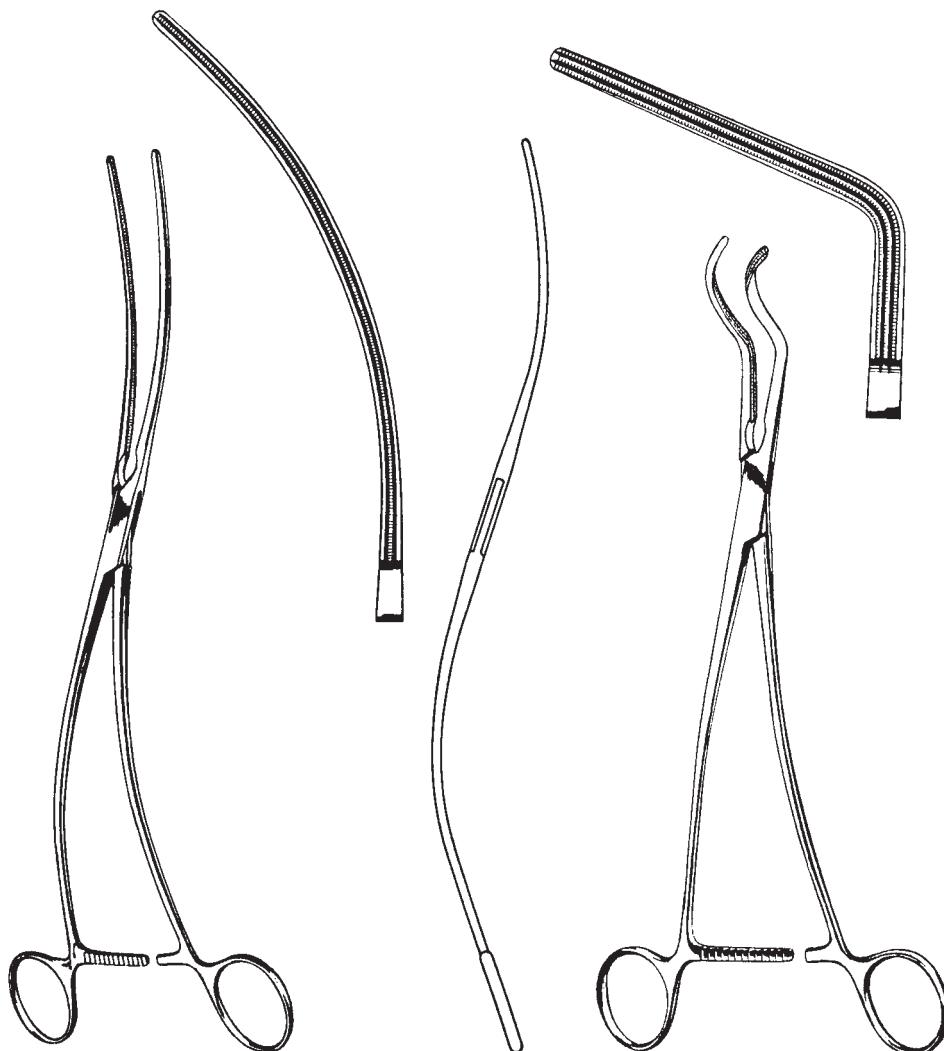
Atrauma

Aorta-Aneurysmaklemmen
Aortic aneurysm clamps
Pinzas-clamps para aneurisma de la aorta
Pinze per aneurisma aorta



DE BAKEY
61018-28
28 cm, 11"

Aorta-Aneurysmakklemmen
Aortic aneurysm clamps
Pinzas-clamps para aneurisma de la aorta
Pinze per aneurisma aorta



DE BAKEY

61019-30

30 cm, 11 3/4"

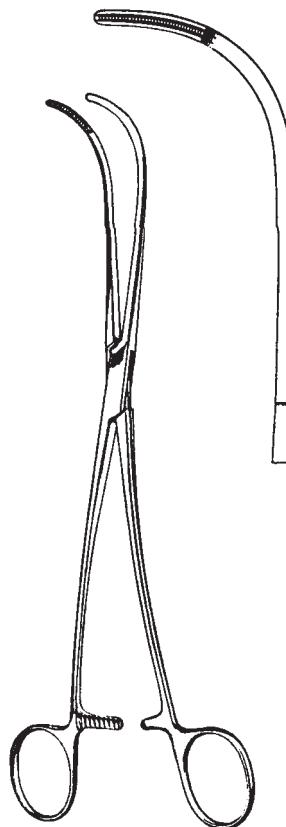
DE BAKEY

61020-27

27 cm, 10 1/2"

Atrauma

Präparier- und Ligaturklemme
Dissecting- and Ligature clamp
Pinzas clamps para disección, ligaduras
Pinze per dissezione, legature



DE BAKEY
61021-24
24 cm, 9 1/2"

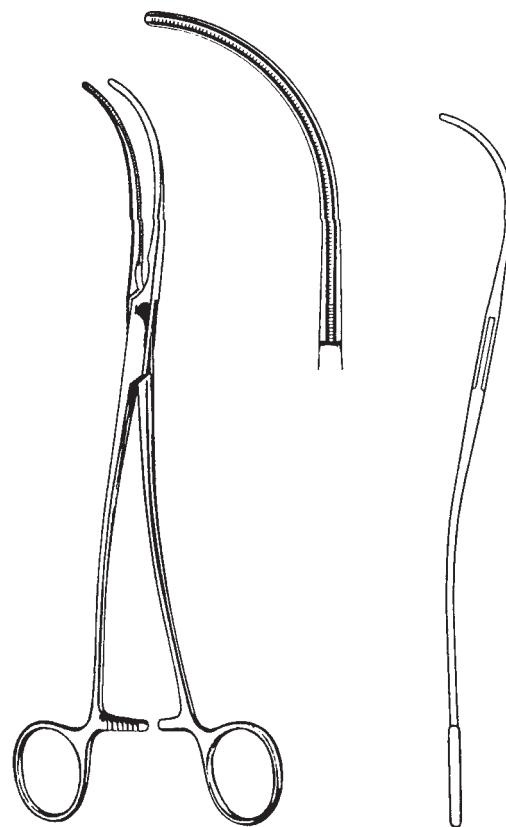


DE BAKEY-RUMEL



61022-01
25 cm, 10"
61022-02
24,5 cm, 9 3/4"

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



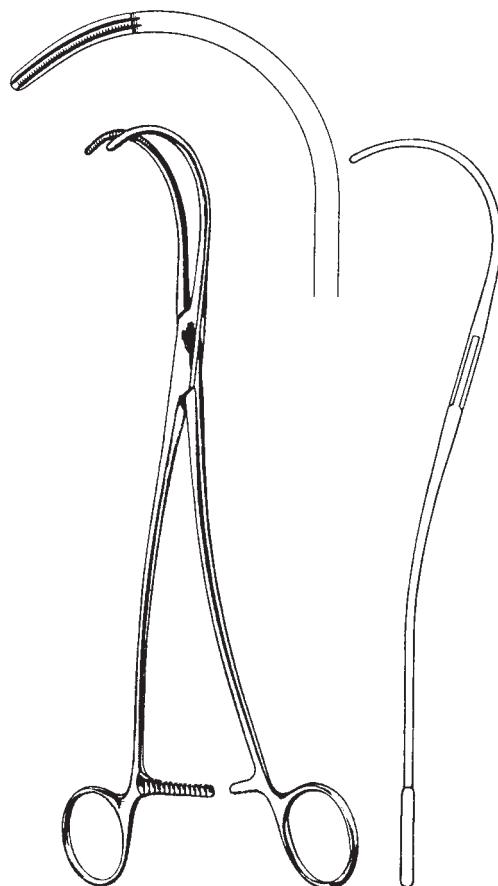
DE BAKEY-MIXTER
61022-28
28,5 cm, 11 $\frac{1}{4}$ "

Ligaturklemme

Ligature clamp

Pinzas clamps para ligaduras

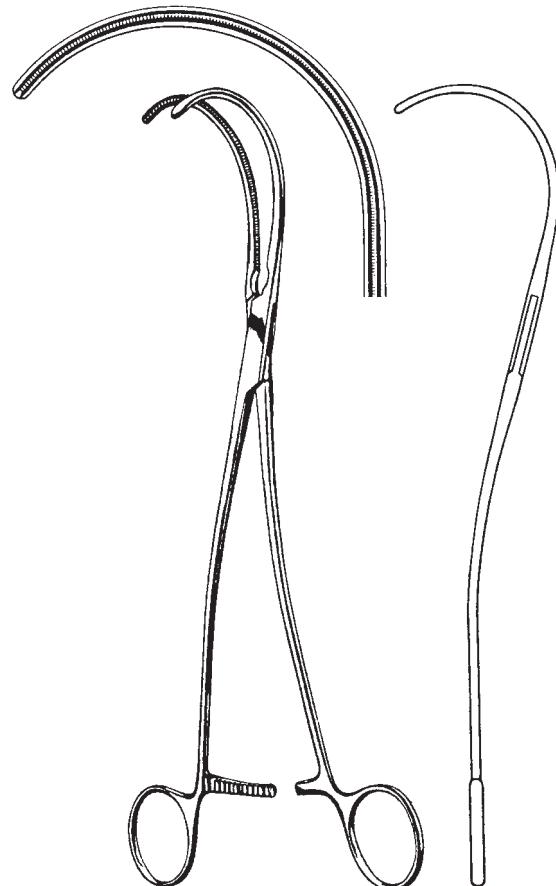
Pinze per legature



DE BAKEY

61023-25

25 cm, 10"



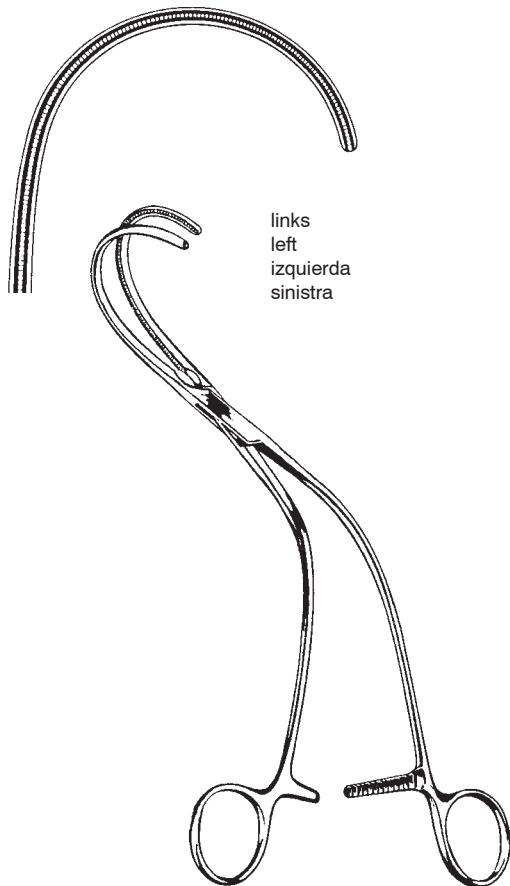
DE BAKEY

61023-26

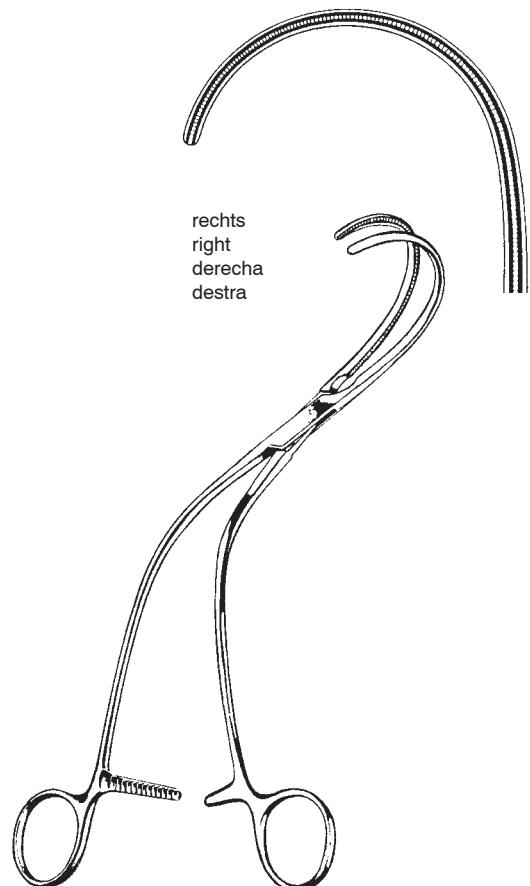
26 cm, 10 1/4"

Atrauma

Aortaklemmen
Aortic clamps
Pinzas-clamps para la aorta
Pinze per aorta



links
left
izquierda
sinistra



rechts
right
derecha
destra

WEBER
61024-01
26 cm, 10 1/4"

WEBER
61024-02
26 cm, 10 1/4"

Aortaklemmen

Aortic clamps

Pinzas-clamps para la aorta

Pinze per aorta



WYLIE
61024-24
24 cm, 9 1/2"

Atrauma

Aortaklemmen
Aortic clamps
Pinzas-clamps para la aorta
Pinze per aorta



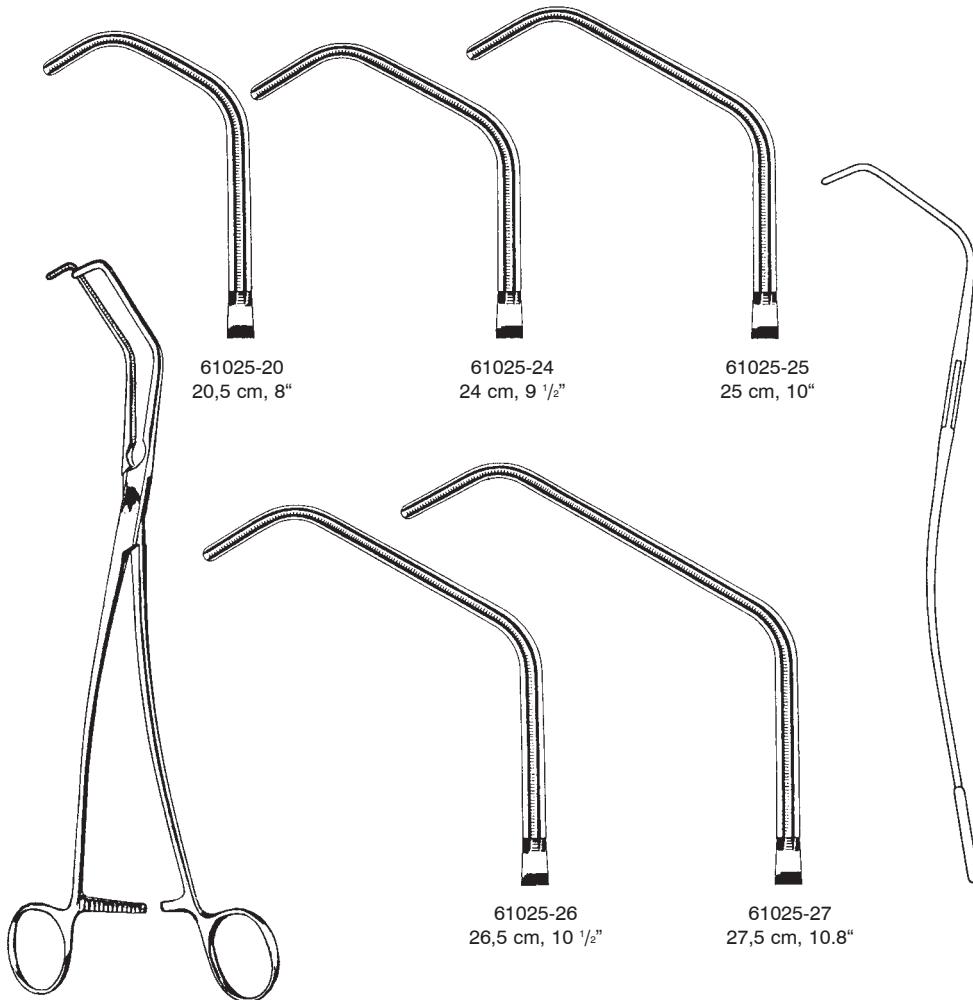
WYLIE
61024-27
27 cm, 10 1/2"

Tangentialklemmen

Tangential occlusion clamps

Pinzas-clamps para oclusión tangencial

Pinze per occlusione tangenziale



DE BAKEY-SATINSKY
61025-20 - 61025-27

Atrauma

Aurikelklemmen
Auricle clamps
Pinza-clamps auriculares
Pinza auricula



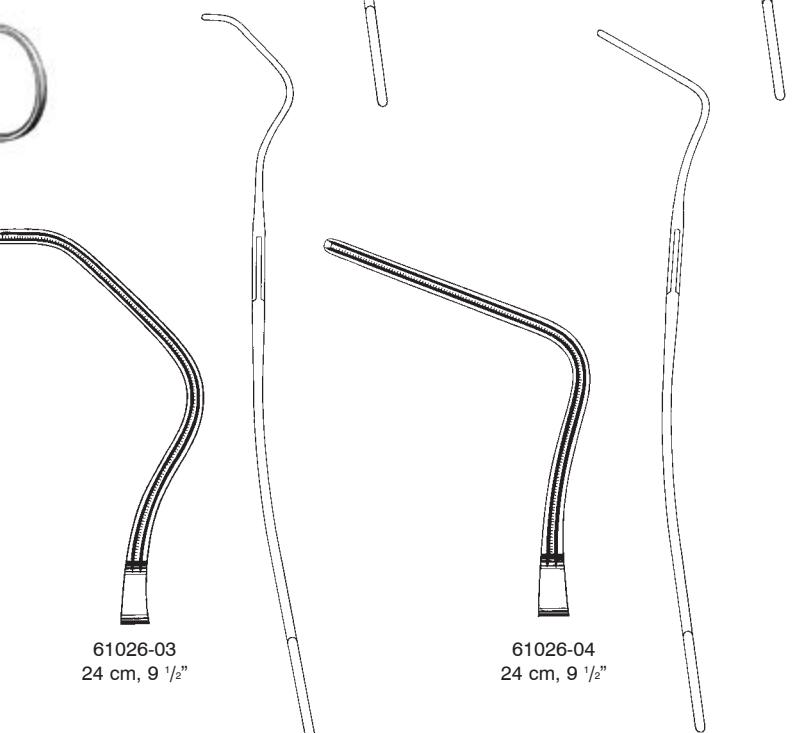
HARKEN
61026-01 - 61026-04

61026-01
24 cm, 9 1/2"

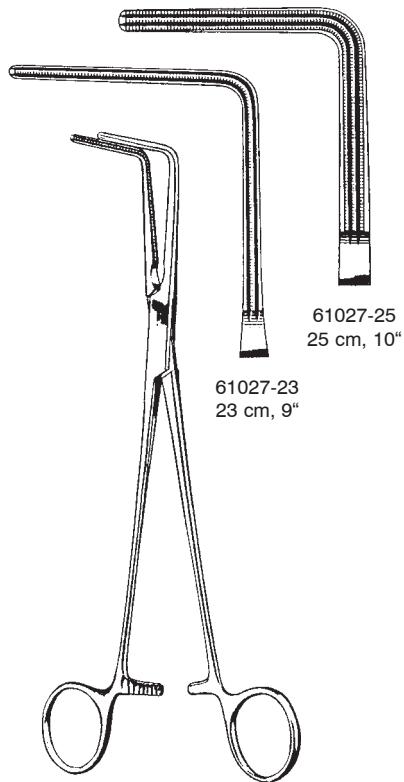
61026-02
24 cm, 9 1/2"

61026-03
24 cm, 9 1/2"

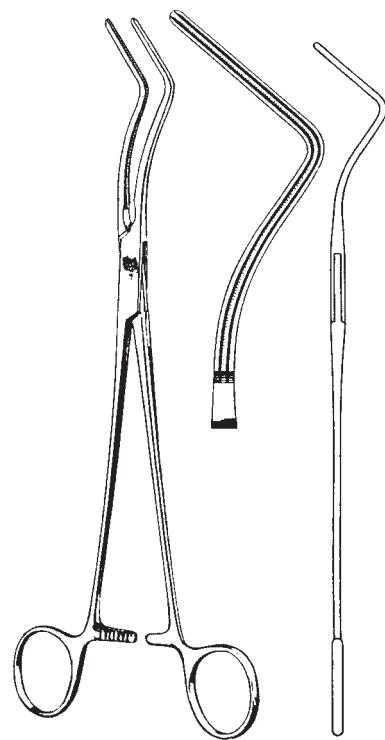
61026-04
24 cm, 9 1/2"



Bronchusklemmen
Bronchus clamp
Pinzas-clamps bronquiales
Pinze per bronchi



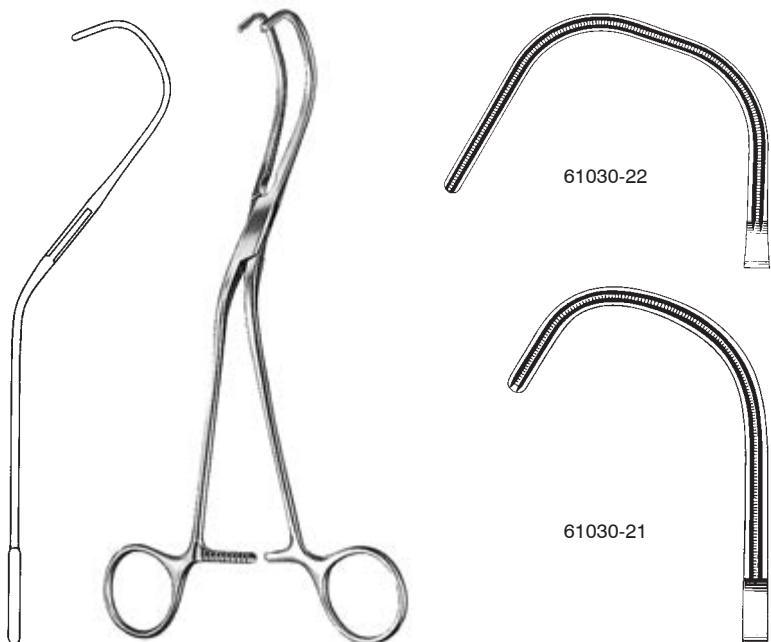
LEES
61027-23 - 61027-25



LEES
61029-25
25 cm, 10"

Atrauma

Aorta-Anastomosenklemmen
Aortic anastomosis Clamps
Pinzas-clamps para anastomosis
Pinze anastomosi aorta

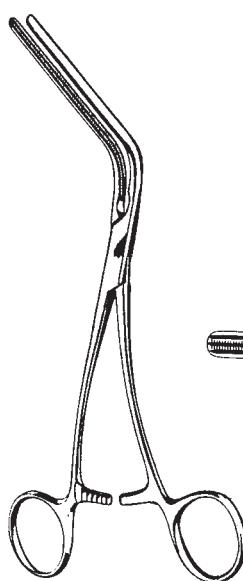


LAMBERT-KAY
21 cm, 8 1/4"
61030-21 - 61030-22



DE BAKEY
61031-17
17 cm, 6 3/4"

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

61032-18
18 cm
7"

61032-20
20 cm
8"

61032-23
23 cm
9"

61032-25
25 cm
10"



61033-23
23 cm
9"

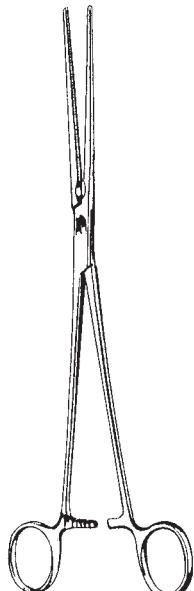
61033-24
24 cm
9 1/2"

61033-25
25 cm
10"

DE BAKEY-BAHNSON
61033-23 - 61033-25

Atrauma

Mehrzweck-Gefäßklemme
Multi purpose Vascular Clamps
Pinzas vasculares de usos multiples
Pinze vascolari universali



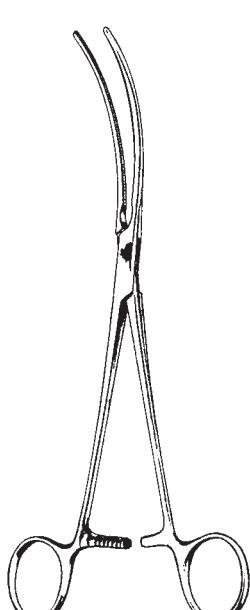
DE BAKEY
61034-21 - 61034-31

61034-21
21,5 cm
 $8\frac{1}{2}''$

61034-23
23 cm
9"

61034-27
27 cm
 $10\frac{1}{2}''$

61034-31
31,5 cm
 $12\frac{1}{4}''$



DE BAKEY
61035-21 - 61035-31

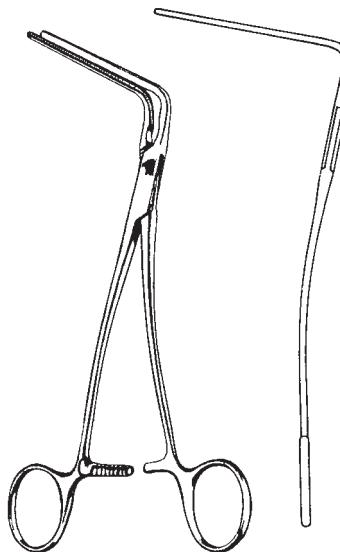
61035-21
21,5 cm
 $8\frac{1}{2}''$

61035-23
23 cm
9"

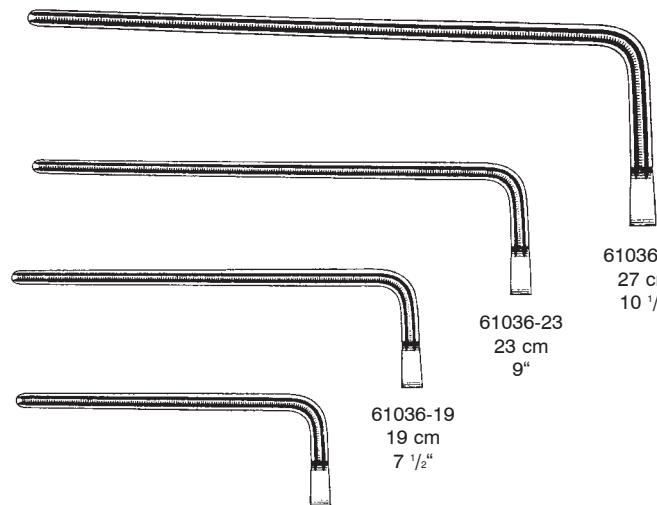
61035-27
27 cm
 $10\frac{1}{2}''$

61035-31
31 cm
 $12\frac{1}{4}''$

Mehrzweck-Gefäßklemme
Multi purpose Vascular Clamps
Pinzas vasculares de usos multiples
Pinze vascolari universali



DE BAKEY
61036-18 - 61036-27

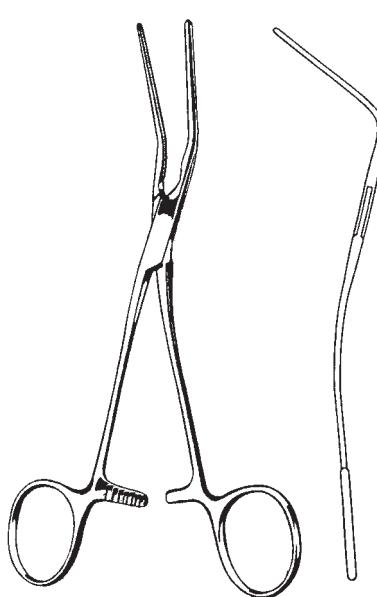


61036-27
27 cm
10 $\frac{1}{2}$ "

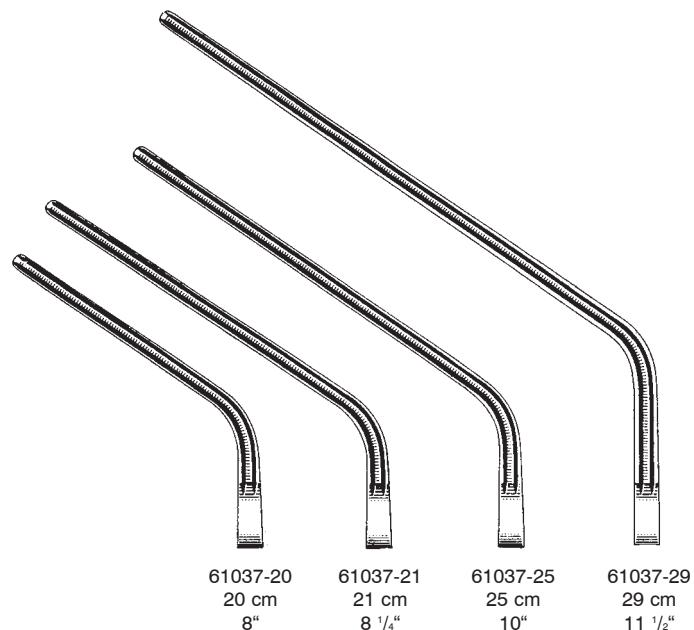
61036-23
23 cm
9"

61036-19
19 cm
7 $\frac{1}{2}$ "

61036-18
18 cm
7"



DE BAKEY
61037-20 - 61037-29



61037-20
20 cm
8"

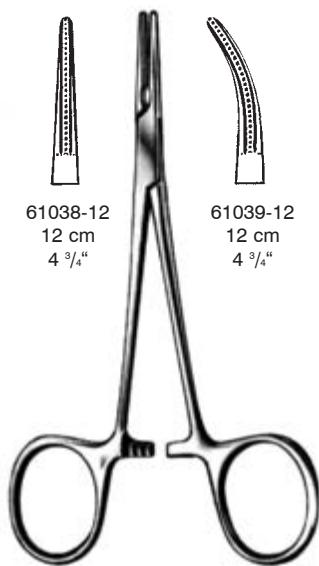
61037-21
21 cm
8 $\frac{1}{4}$ "

61037-25
25 cm
10"

61037-29
29 cm
11 $\frac{1}{2}$ "

Atrauma

Arterienklemmen
Hemostatic forceps
Pinzas hemostáticas
Pinze emostatiche



DE BAKEY-MOSQUITO
61038-12 - 61039-12

Mehrzweck-Gefäßklemme

Multi purpose Vascular Clamps

Pinzas vasculares de usos multiples

Pinze vascolari universali



61039-90
15 cm
5 1/2"
90°

61039-45
15 cm
5 1/2"
45°

61039-30
15 cm
5 1/2"
30°

61039-15
15 cm
5 1/2"
15°

61039-00
15 cm
5 1/2"



61041-90
17 cm
6 1/2"
90°

61041-45
17 cm
6 1/2"
45°

61041-30
17 cm
6 1/2"
30°

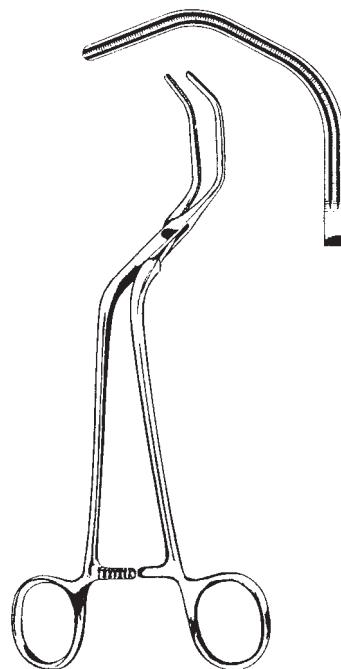
61041-15
15 cm
6 1/2"
15°

61041-00
17 cm
6 1/2"

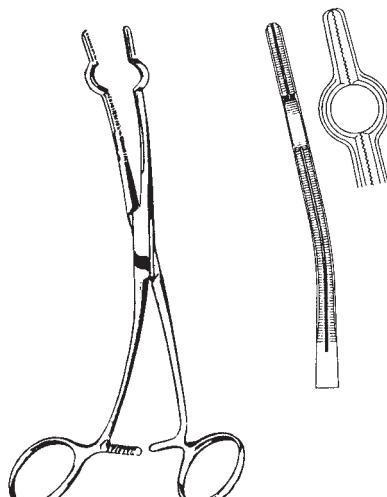


DARDIK

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

61050-01 - 61050-02
 für Kinder
 for children
 para niños
 per bambini

Charrière (French)	Länge Length Largo Lungo cm		
24	16	6 1/4"	61050-01
26	16	6 1/4"	61050-02
28	20	8"	61050-03
30	20	8"	61050-04
32	20	8"	61050-05
36	20	8"	61050-07

61050-03 - 61050-07
 für Erwachsene
 for adults
 para adultos
 per adulti

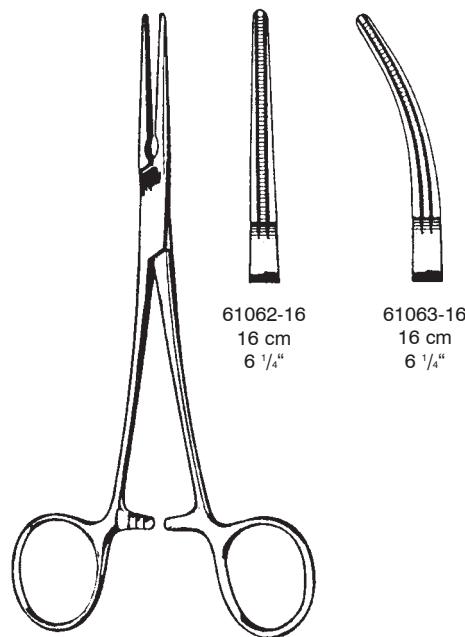
Atrauma

Carotis-Shuntklemmen
Carotid Shunt Clamps
Pinzas para shunt carótido
Pinze per carotide



Arterienklemmen
Haemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche

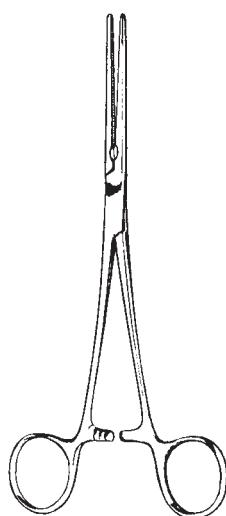
Atrauma



DE BAKEY-RANKIN
61062-16 - 61063-16

Atrauma

Arterienklemmen
Haemostatic Forceps
Pinzas hemostáticas
Pinze emostatiche



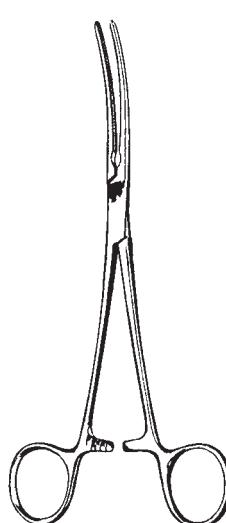
DE BAKEY-PEAN
61138-14 - 61138-20

61138-14
14 cm
5 1/2"

61138-16
16 cm
6 1/4"

61138-18
18 cm
7"

61138-20
20 cm
8"



DE BAKEY-PEAN
61139-14 - 61139-20

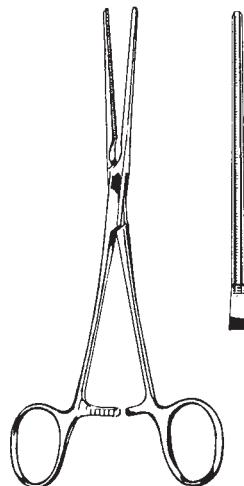
61139-14
14 cm
5 1/2"

61139-16
16 cm
6 1/4"

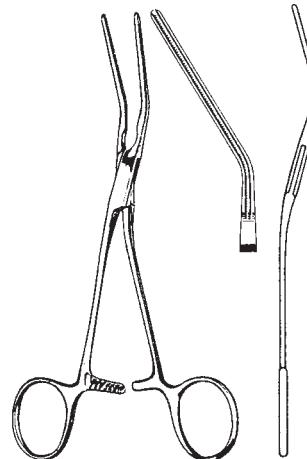
61139-18
18 cm
7"

61139-20
20 cm
8"

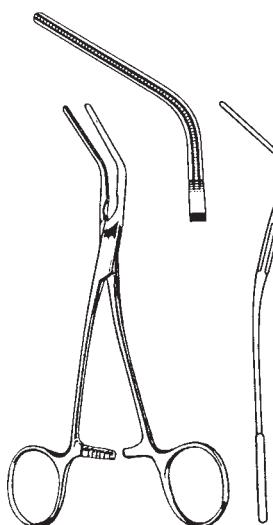
Mehrzweck-Gefäßklemmen
Multi purpose Vascular Clamps
Pinzas vasculares de usos múltiples
Pinze vascolari universali



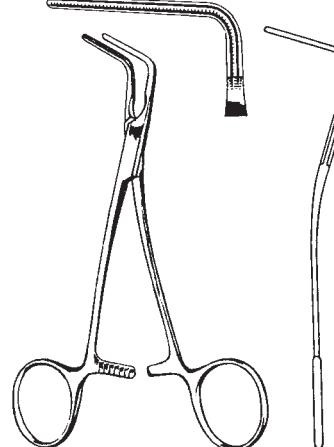
DE BAKEY
61140-17
17 cm, 6 $\frac{3}{4}$ "



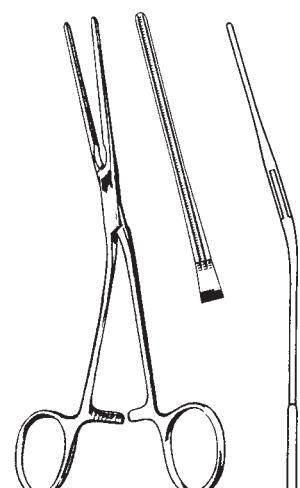
DE BAKEY
61141-16
16 cm, 6 $\frac{1}{4}$ "



DE BAKEY
61143-15
15 cm, 6"



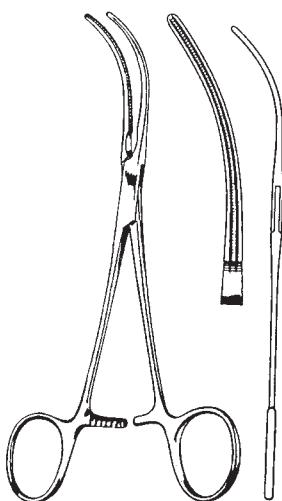
DE BAKEY
61145-15
15 cm, 6"



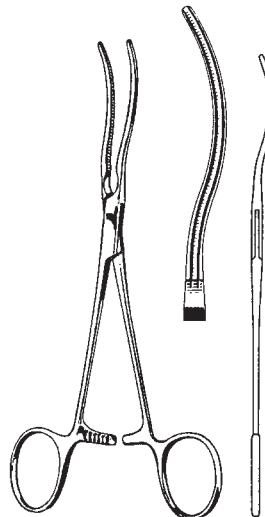
DE BAKEY
61147-17
17 cm, 6 $\frac{3}{4}$ "

Atrauma

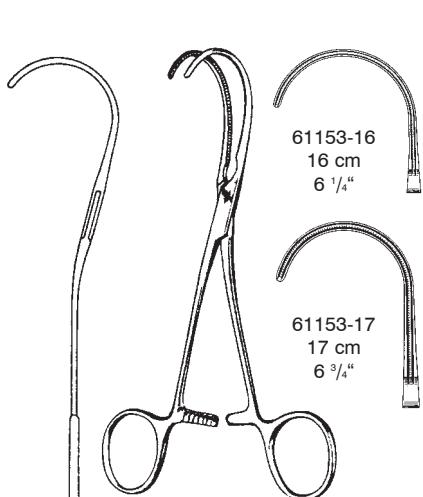
Mehrzweck-Gefäßklemmen, Anastomosenklemmen
 Multi purpose Vascular Clamps, Anastomosis Clamps
 Pinzas vasculares de usos múltiples, Pinzas para anastomosis
 Pinze vascolari universali, Pinze per anastomosi



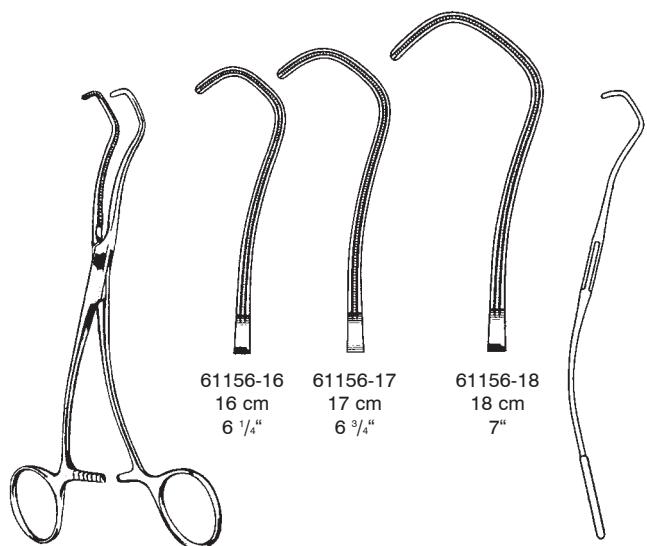
GLOVER
 61149-17
 17 cm, 6 $\frac{3}{4}$ "



GLOVER
 61151-17
 17 cm, 6 $\frac{3}{4}$ "

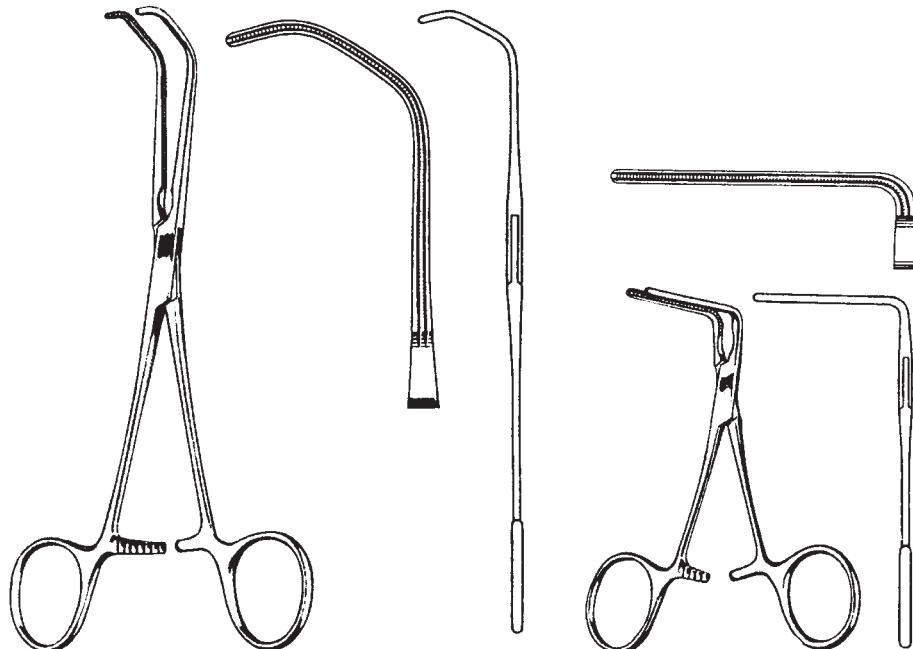


DE BAKEY
 61153-16 - 61153-17



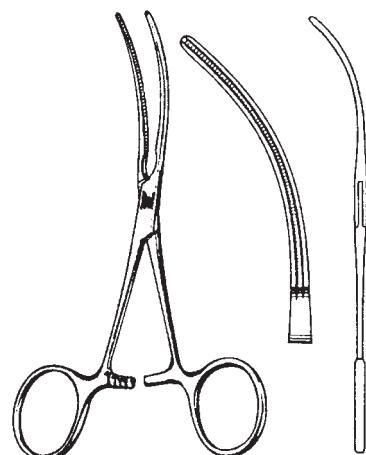
DERRA
 61156-16 - 61156-18

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 3/4"

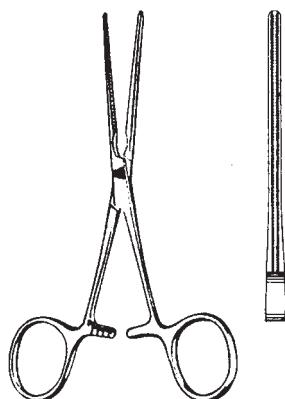
DE BAKEY
61158-10 10 cm, 4"



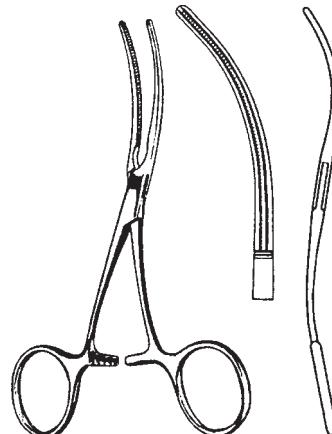
DE BAKEY
61158-11 11 cm, 4 3/8"

Atrauma

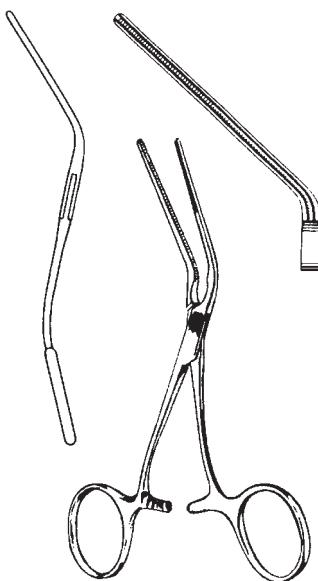
Kinder-Gefäßklemmen, Profundaklemmen
 Pediatric Vascular Clamps, Profunda Clamps
 Pinzas vasculares pediátricas, Pinzas para la profunda
 Pinze vascolari pediatriche, Pinze profunda



DE BAKEY
 61158-12 12 cm, 4 3/4"



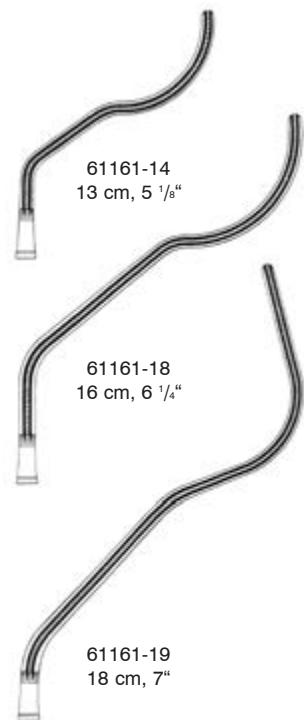
DE BAKEY
 61159-12 11,5 cm, 4 1/2"



DE BAKEY
 61159-13 13 cm, 5 1/8"



GREGORY

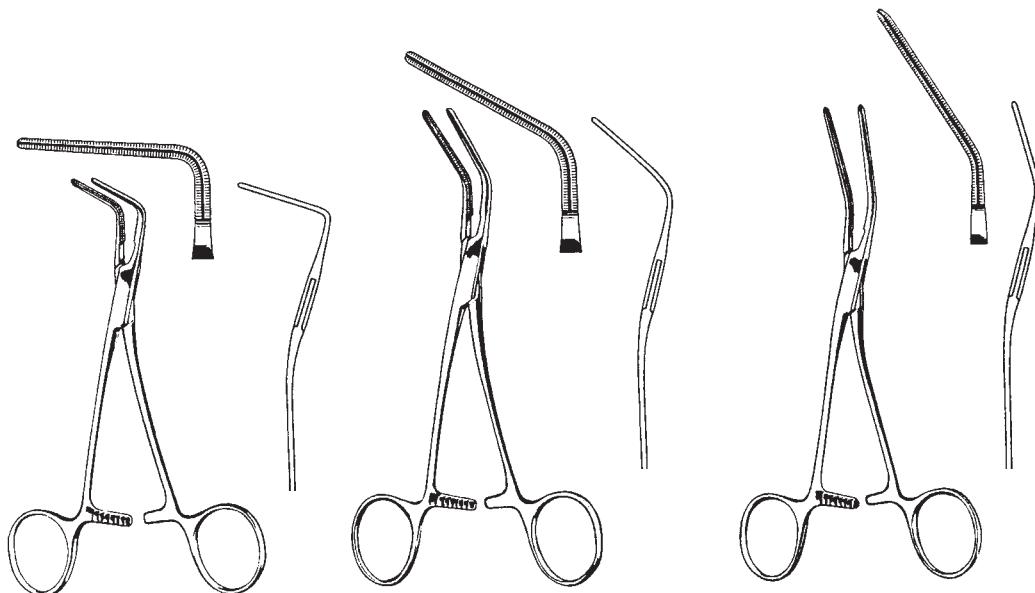


61161-14
 13 cm, 5 1/8"

61161-18
 16 cm, 6 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"



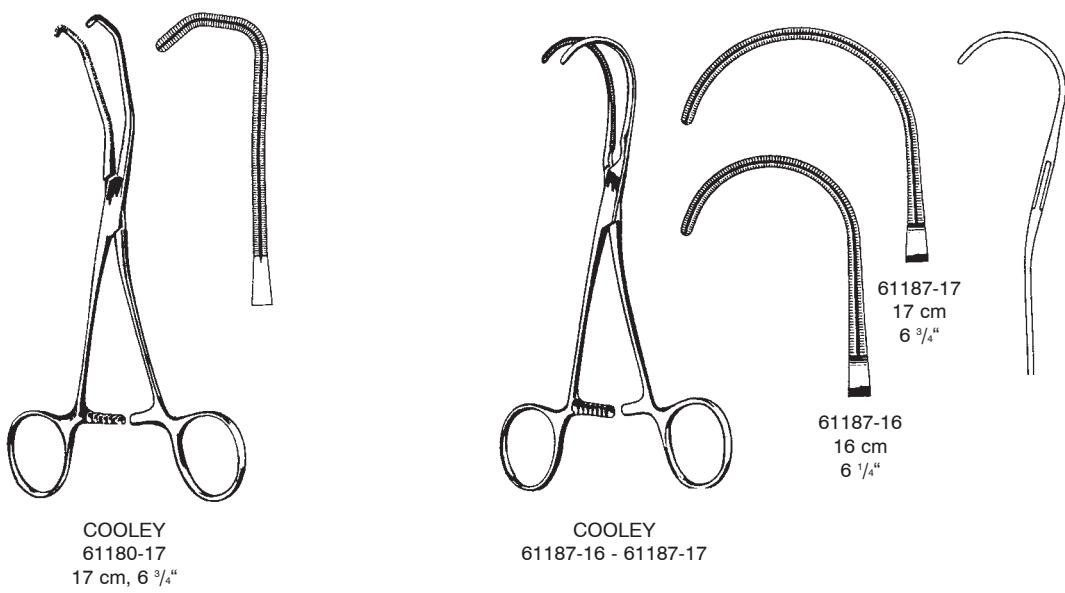
COOLEY
61175-17
17 cm, 6 3/4"

COOLEY
61176-17
17 cm, 6 3/4"

COOLEY
61177-17
17 cm, 6 3/4"

Atrauma

Anastomosenklemmen
Anastomosis Clamps
Pinzas para anastomosis
Pinze per anastomosi



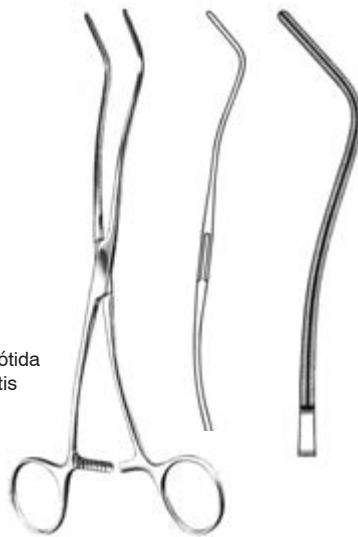
Anastomosenklemmen, Mehrzweck-Gefäßklemme

Anastomosis Clamp, Multi purpose Vascular Clamps

Pinza clamp para iliac y anastomosis, Pinzas vasculares de usos multiples

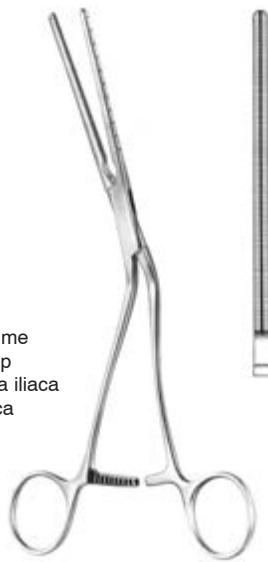
Pinze anastomosi, Pinze vascolari universali

Carotisklemme
Carotid Clamp
Pinza para carótida
Pinza per carotis



COOLEY
61188-20 20 cm, 8"

Iliaklemme
Iliac Clamp
Pinza para iliaca
Pinza iliaca



COOLEY
61189-21 21 cm, 8 1/4"



BECK
61190-17 17 cm, 6 3/4"



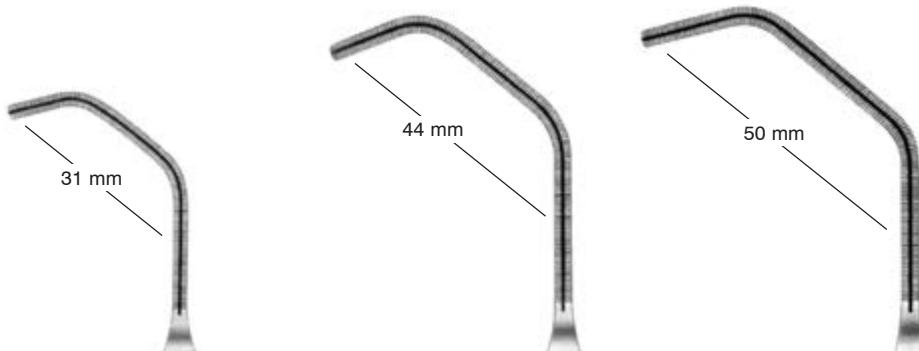
COOLEY
61191-16 16 cm, 6 1/4"



COOLEY
61192-17 17 cm, 6 3/4"

Atrauma

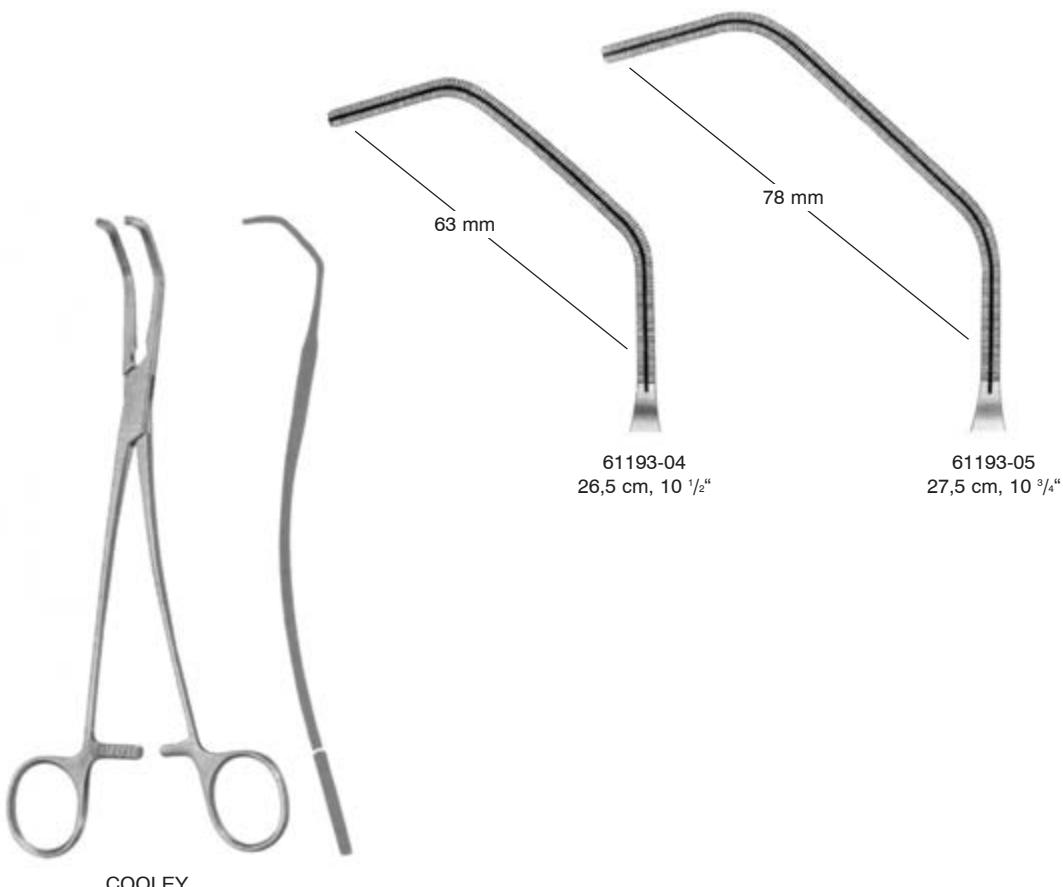
Anastomosenklemmen
Anastomosis Clamp
Pinza clamp para iliac y anastomosis
Pinze anastomosi



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

Aortaklemme
Aortic Clamps
Pinzas aórticas
Pinze per aorta



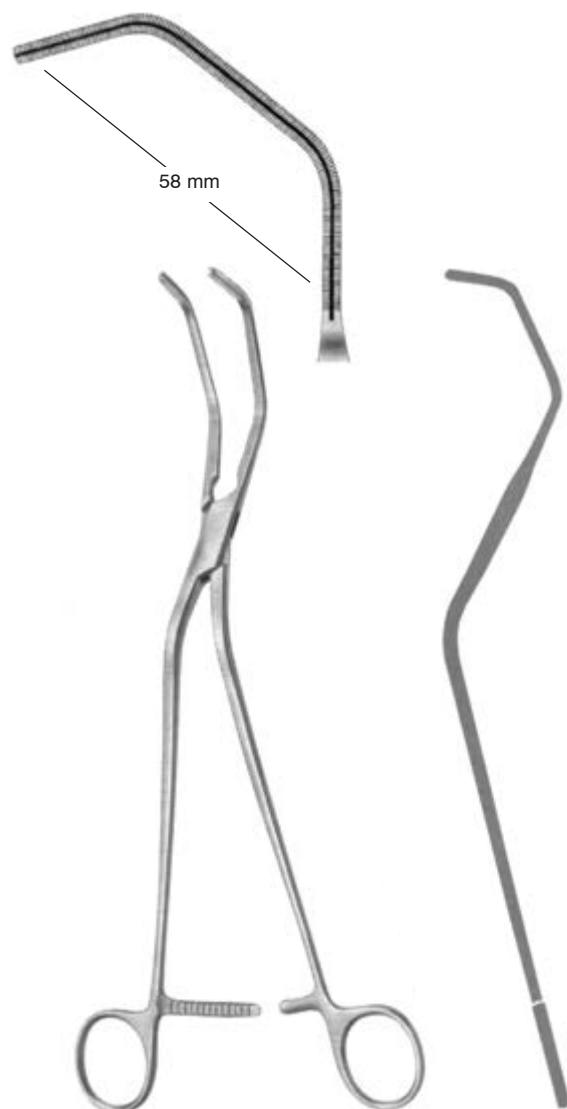
COOLEY
61195-32 32 cm, 12 $\frac{3}{4}$ "

Anastomosenklemmen

Anastomosis Clamp

Pinza clamp para iliac y anastomosis

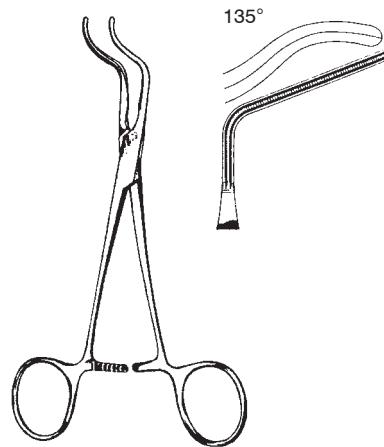
Pinze anastomosi



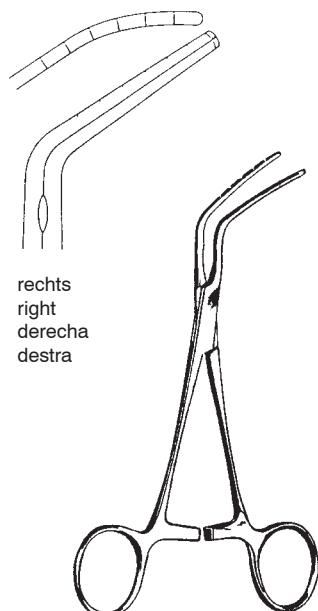
COOLEY
61196-26 26 cm, 10 $\frac{1}{4}$ "

Atrauma

Kinder-Aortaklemme
 Pediatric Aortic Clamps
 Pinza aórticas pediátricas
 Pinze per aorta pediatriche

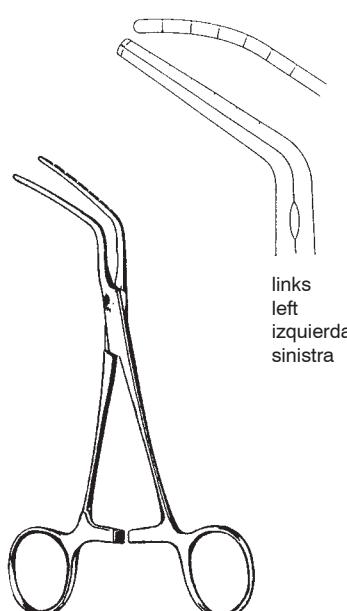


SUBRAMANIAN-MINIATURE
 61259-15 15,5 cm, 6"



rechts
 right
 derecha
 destra

SUBRAMANIAN
 61261-16 16 cm, 6 1/4"

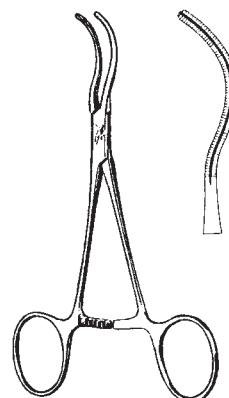
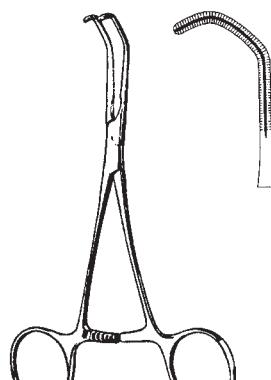
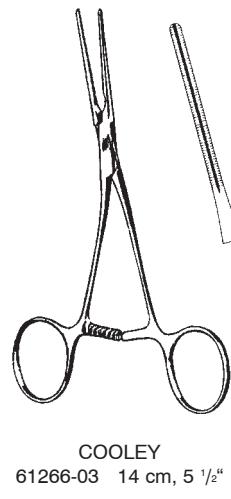
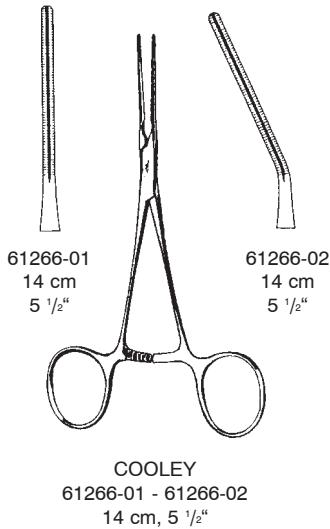


links
 left
 izquierda
 sinistra

SUBRAMANIAN
 61263-16 16 cm, 6 1/4"

Kinder-Gefäßklemmen
Pediatric Vascular Clamps
Pinzas vasculares pediátricas
Pinze vascolari pediatriche

Atrauma



Atrauma

Kinder-Gefäßklemmen
Pediatric Vascular Clamps
Pinzas vasculares pediátricas
Pinze vascolari pediatriche

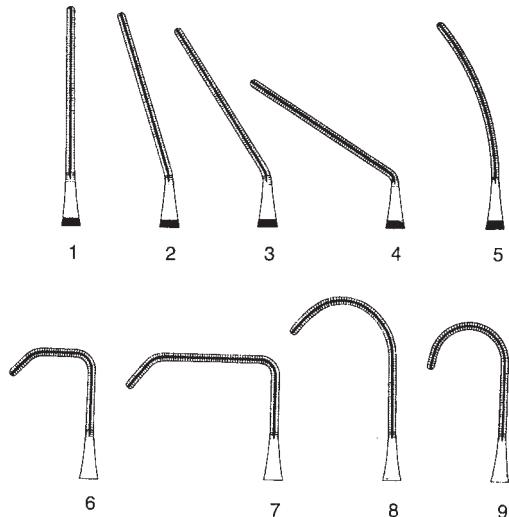
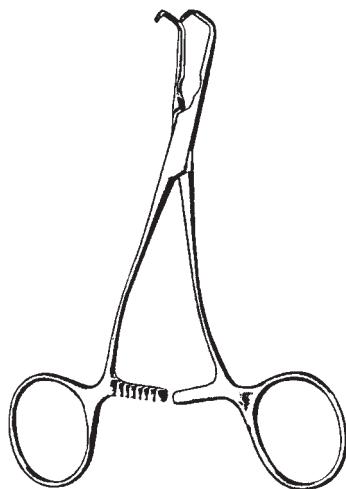


Fig.	gerade straight rectas rette	Fig.	stark abgewinkelt strongly angled ramas anguladas forte angolata	Fig.	abgewinkelt angled acodadas angolate
1	61372-01 14 cm, 5 1/2"	1	61373-01 14 cm, 5 1/2"	1	61374-01 14 cm, 5 1/2"
2	61372-02 14 cm, 5 1/2"	2	61373-02 14 cm, 5 1/2"	2	61374-02 14 cm, 5 1/2"
3	61372-03 14 cm, 5 1/2"	3	61373-03 14 cm, 5 1/2"	3	61374-03 14 cm, 5 1/2"
4	61372-04 13 cm, 5 1/8"	4	61373-04 13 cm, 5 1/8"	4	61374-04 13 cm, 5 1/8"
5	61372-05 14 cm, 5 1/2"	5	61373-05 14 cm, 5 1/2"	5	61374-05 14 cm, 5 1/2"
6	61372-06 13 cm, 5 1/8"	6	61373-06 13 cm, 5 1/8"	6	61374-06 13 cm, 5 1/8"
7	61372-07 13 cm, 5 1/8"	7	61373-07 13 cm, 5 1/8"	7	61374-07 13 cm, 5 1/8"
8	61372-08 14 cm, 5 1/2"	8	61373-08 14 cm, 5 1/2"	8	61374-08 14 cm, 5 1/2"
9	61372-09 13,5 cm, 5 1/4"	9	61373-09 13,5 cm, 5 1/4"	9	61374-09 13,5 cm, 5 1/4"

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°



15 cm, 6"

Horizon

61460-15 Small gelb / yellow / jaune/ amarillo/ giallo
 61461-15 Medium blau / blue / bleu / azul / blu

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

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°



28 cm, 11"

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

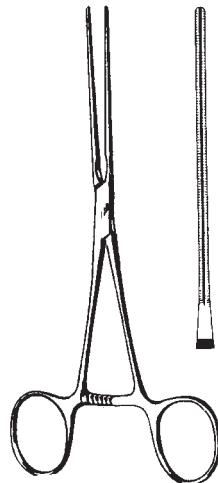
Ethicon

- 61471-28 Medium weiss / white / blanco / bianco
- 61472-28 Medium Large grün / green / verde / verde
- 61473-28 Large gelb / yellow / jaune / amarillo / giallo

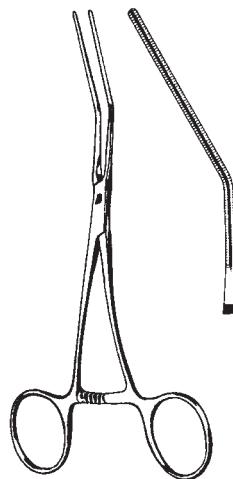
Pilling

- 61482-28 Medium blau / blue / bleu / azul / blu
- 61484-28 Medium Large grün / green / verde / verde
- 61483-28 Large orange / naranja / arancione

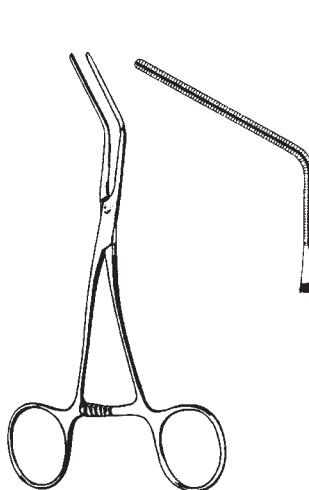
Kinder-Gefäßklemmen
Pediatric Vascular Clamps
Pinzas vasculares pediátricas
Pinze vascolari pediatriche



61488-16
16,5 cm, , 6 1/2"



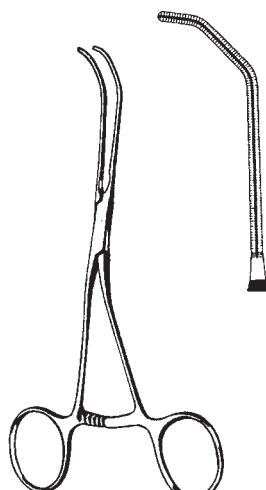
61489-16
16 cm, 6 1/4"



61490-15
15 cm, 6"



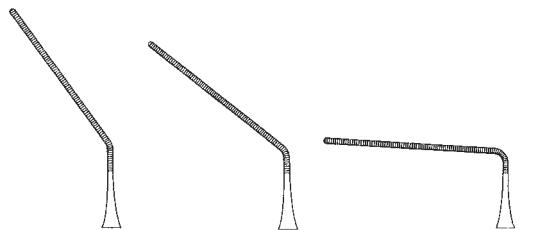
61491-15
15 cm, 6"



61492-16
15,5 cm, 6"

Atrauma

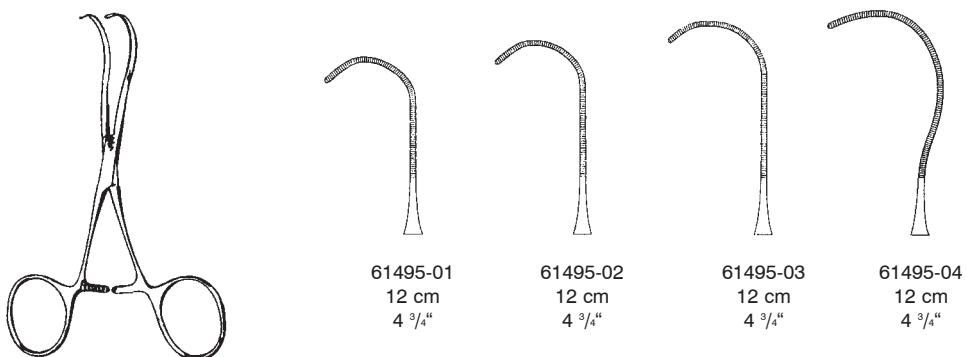
Neonatal-Gefäßklemmen
Neonatal Vascular Clamps
Pinzas vasculares para recién nacidos
Pinze vascolari per neonati



61493-01
13 cm
5 1/8"

61493-02
13 cm
5 1/8"

61493-03
11 cm
4 3/8"



61495-01
12 cm
4 3/4"

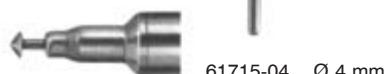
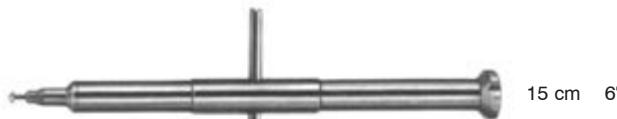
61495-02
12 cm
4 3/4"

61495-03
12 cm
4 3/4"

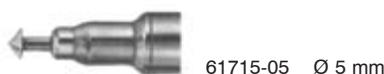
61495-04
12 cm
4 3/4"

CASTANEDA
61493-01 - 61495-04

Aortenstanzen, Tourniquets
 Aorta punches, Tourniquets
 Trefina para aorta, Tourniques
 Trefino per Aorta, Tornichetti



61715-04 Ø 4 mm



61715-05 Ø 5 mm



61715-06 Ø 6 mm



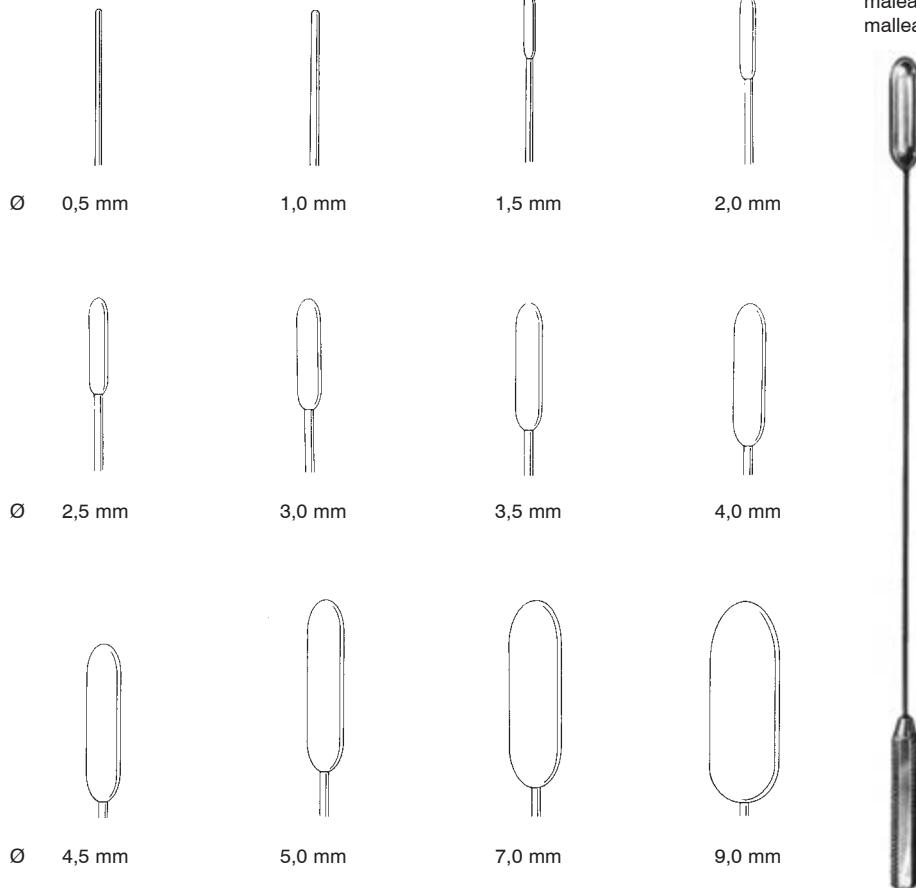
61700-01
 61710-01
 Mandrin alleine
 Guide only
 Guida sola



RUMEL-BELMONT
 61700-33 3,2 mm Ø
 61710-33 6,4 mm Ø
 33 cm, 13"
 flexibel, flexible,
 Guida sola

Gefäß-Dilatatoren
Vascular Dilators
Dilatadores vasculares
Dilatatori vascolari

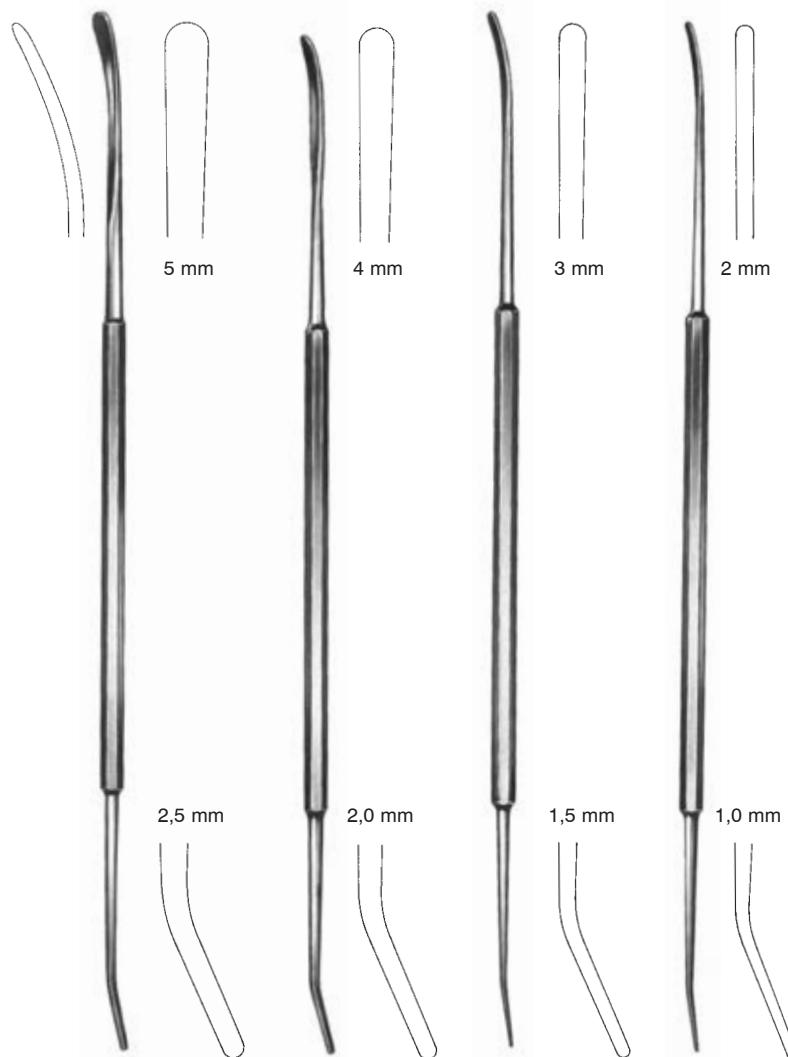
biegsam
malleable
maleables
malleabile



DE BAKEY

19 cm, 7 1/2"	Ø mm	35 cm, 13 3/4"
61810-05	0,5	61820-05
61810-10	1,0	61820-10
61810-15	1,5	61820-15
61810-20	2,0	61820-20
61810-25	2,5	61820-25
61810-30	3,0	61820-30
61810-35	3,5	61820-35
61810-40	4,0	61820-40
61810-45	4,5	61820-45
61810-50	5,0	61820-50
61810-70	7,0	61820-70
61810-90	9,0	61820-90

Gefäßdissektoren
Vascular Dissectors
Dissecadores 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



61920-14
14 cm 5 1/2"



61920-23
23,5 cm 9 1/4"



stumpf
blunt
roma
smussa



3 mm

61930-18
18,5 cm, 7 1/4"

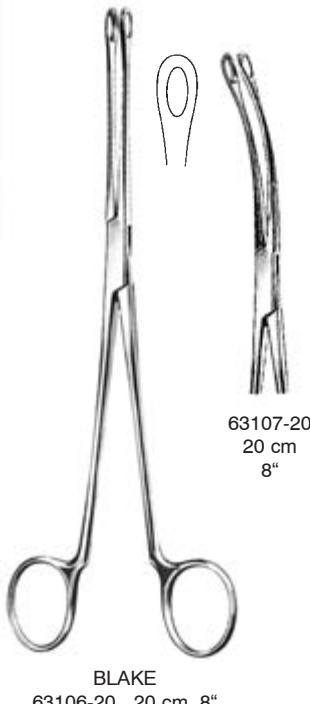
61930-21
21,5 cm, 8 1/2"

stumpf
blunt
roma
smussa

Gallensteinzangen
Gall Stone Forceps
Pinzas para cálculos biliares
Pinze per calcoli biliari



Fig. 1
63101-23 Fig. 2
63103-23



63107-20
20 cm
8"

DESJARDINS
23 cm, 9"

BLAKE
63106-20 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, Gallengangdilatatoren

Gall Stone Probes, Bile duct dilators

Exploradores para cálculos biliares, Dilatadores para conductos biliares

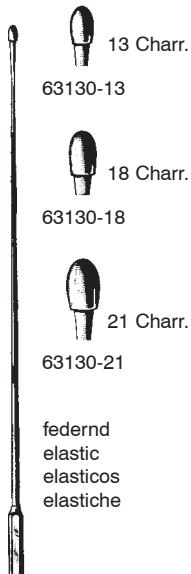
Sonde per calcoli biliari, Dilatatori per condotti biliari



Ø 5,8 cm

Gallensteinlöffel
Gall Stone Scoops
Cucharillas para cálculos biliares
Cucchiai per calcoli biliari

MOOR
63125-28
28 cm, 11"



13 Charr.

63130-13

18 Charr.

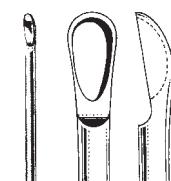
63130-18

21 Charr.

63130-21

federnd
elastic
elasticos
elastiche

DESJARDINS
63130-13 - 63130-21
28 cm, 11"



biegsam
malleable
maleable
malleabile

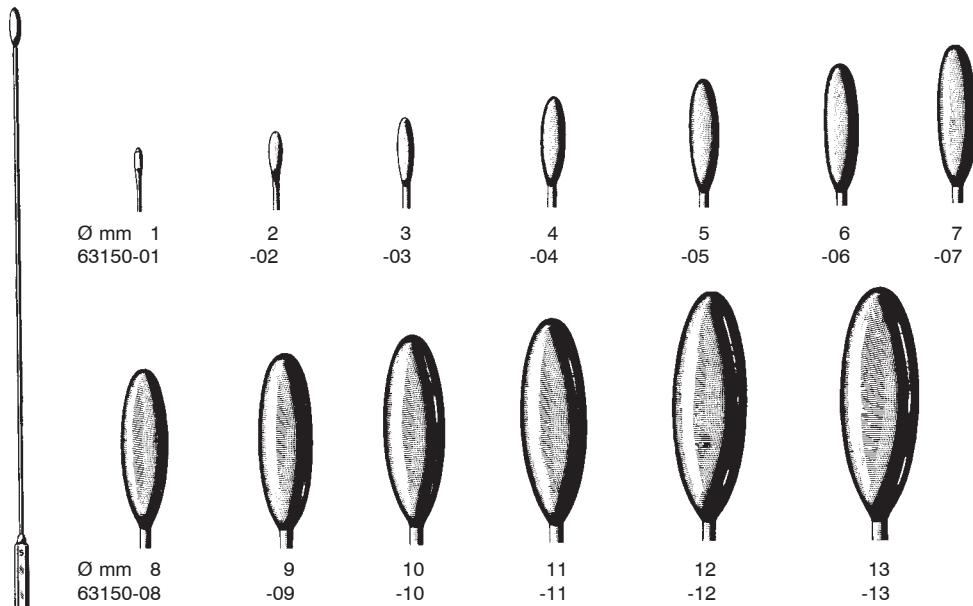
MOYNIHAN
63142-34 34 cm, 13 1/2"

Gallensteinsonden, Gallengangdilatatoren

Gall Stone Probes, Bile duct dilators

Exploradores para cálculos biliares, Dilatadores para conductos biliares

Sonde per calcoli biliari, Dilatatori per condotti biliari



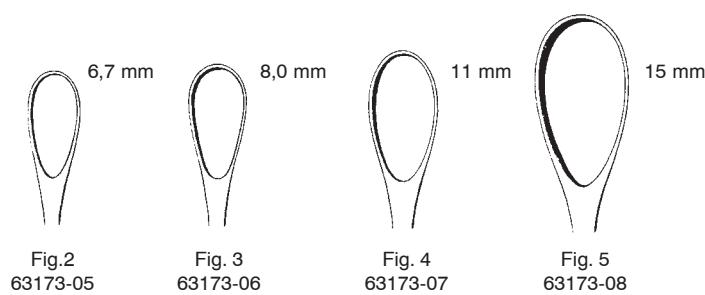
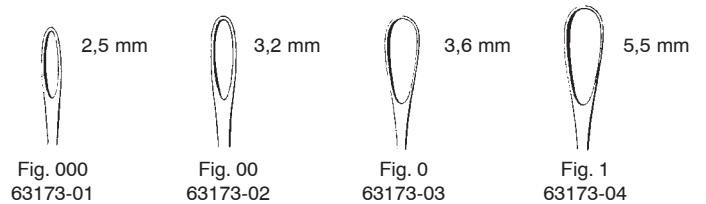
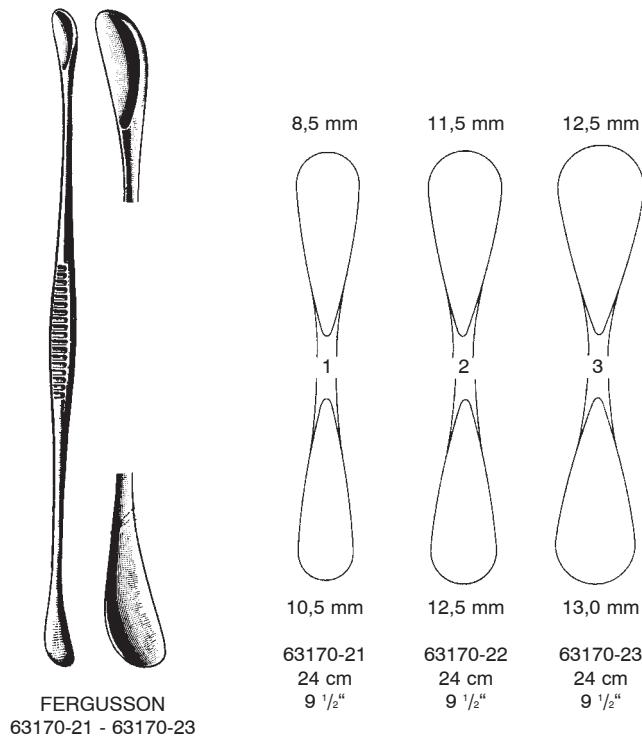
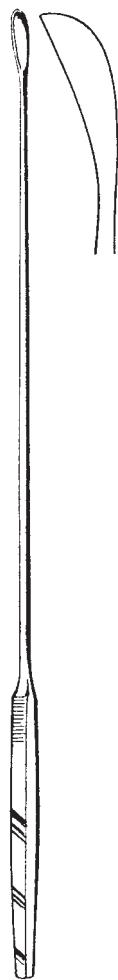
BAKES

63150-01 - 63150-13
30 cm, 11 $\frac{3}{4}$ "

63150-00 = Satz à 9 St. / set of 9 size 3 to 11
juego de 9 fig. 3-11 / serie di 9 pezzi

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"

Gallensteinlöffel, Gallengangsonde
 Gall Stone Scoops, Gall Duct Probes
 Cucharillas para cálculos biliares, sonda para conducto biliar
 Cucchiai per calcoli biliari, sonda per bile



MAYO
 63175-27
 27 cm, 10 1/2"



63178-01
 klein, small, pequeña, piccola



63178-03
 groß, large, grande



Fig. 1
 63180-17

federnd
 elastic
 elásticas
 elastiche



Fig. 2
 63180-21



Fig. 3
 63180-24



Fig. 4
 63180-27



DESJARDINS
 63180-17 - 63180-27
 30 cm, 11 3/4"

biegsam
 malleable
 maleable
 malleabile

MAYO
 63210-32
 32 cm, 12 3/4"

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 3/4"



RANDALL



Fig. 3
63231-03 22 cm, 8 3/4"



Fig. 4
63231-04 22 cm, 8 3/4"

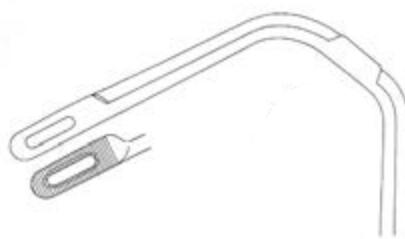
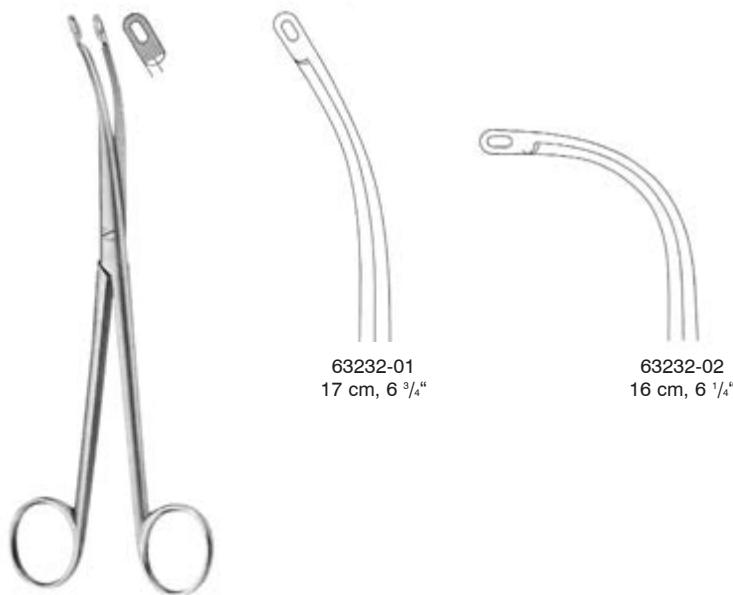


Fig. 5
63231-05 19 cm, 7 1/2"



Fig. 6
63231-06 19 cm, 7 1/2"

Nierensteinzange
Kidney Stone Forceps
Pinzas para cálculos renales
Pinze per calcoli renali



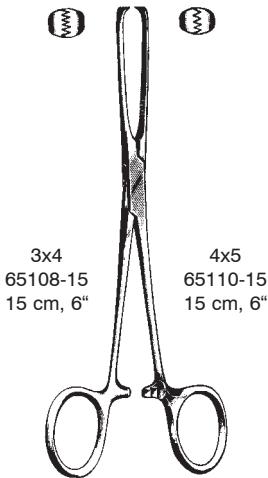
HEIMING

für Kinder
for children
para niños
per bambini

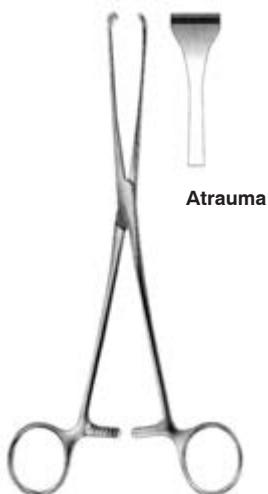
Darm- und Gewebefasszangen
 Intestinal and Tissue Grasping Forceps
 Pinzas para intestinos y tejidos
 Pinze per afferrare intestino e tessuti



ALLIS-BABY
 65102-12 12 cm, 4 $\frac{3}{4}$ "
 65102-14 14 cm, 5 $\frac{1}{2}$ "

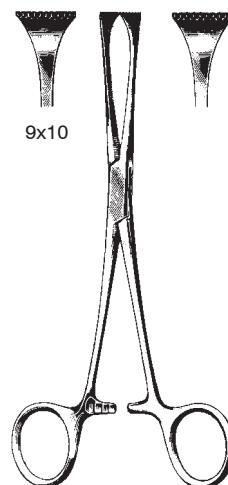


ALLIS 5x6
 65120-15 15 cm, 6"
 65120-19 19 cm, 7 $\frac{1}{2}$ "
 65120-22 22 cm, 8 $\frac{3}{4}$ "
 65120-24 24 cm, 9 $\frac{1}{2}$ "



Atrauma

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 $\frac{3}{4}$ "

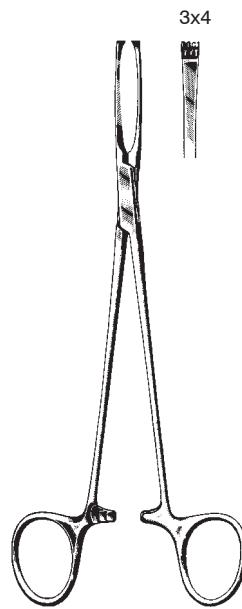


ALLIS-ADAIR
 65130-15
 15,5 cm, 6"

Darm- und Gewebefasszangen
 Intestinal and Tissue Grasping Forceps
 Pinzas para intestinos y tejidos
 Pinze per afferrare intestino e tessuti



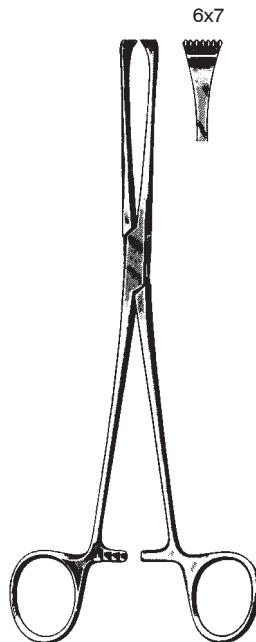
LOCKWOOD-ALLIS
 65132-16 16 cm, 6 $\frac{1}{4}$ "
 65132-20 20 cm, 8"



JUDD-ALLIS
 65140-15 15 cm, 6"
 65140-19 19 cm, 7 $\frac{1}{2}$ "



BOYS-ALLIS
 65145-15 15 cm, 6"



THOMS-ALLIS
 65150-20 20 cm, 8"



LITTLEWOOD
 65154-18 18,5 cm, 7 $\frac{1}{4}$ "



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



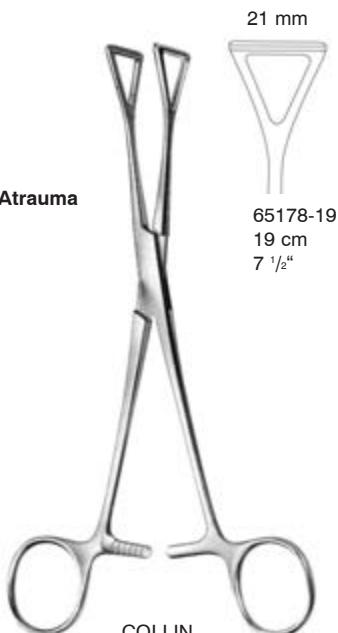
65168-16 16 cm, 6 1/4"
 65168-20 20 cm, 8"



BABCOCK

65160-14	14 cm, 5 1/2"
65160-16	16 cm, 6 1/4" 65164-16 TC 16 cm
65160-18	18 cm, 7"
65160-20	20 cm, 8" 65164-20 TC 20 cm
65160-24	24 cm, 9 1/2"

Atrauma

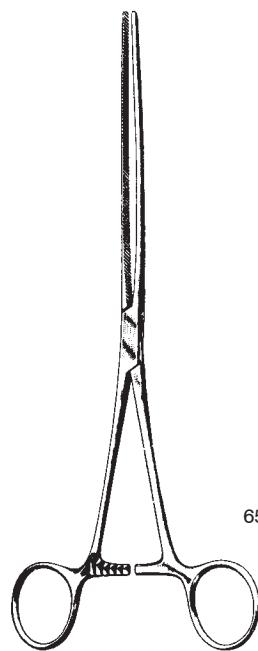


65178-19
 19 cm
 7 1/2"



65180-16 16,5 cm, 6 1/2"

Darmklemmen
Intestinal Forceps
Pinzas intestinales
Pinze intestinali



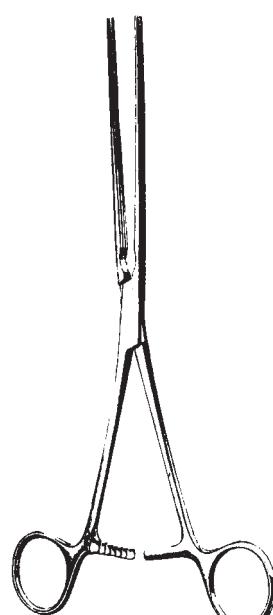
DOYEN-BABY
65210-18 65211-18
18 cm, 7"

DOYEN
65210-21 21 cm, 8 1/4" 65211-21
65210-23 23 cm, 9" 65211-23

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

Atrauma

DOYEN
65210-18 - 65217-23



KOCHER
65220-22 - 65227-28

65220-13 13 cm, 5 1/8" 65221-13 **BABY-KOCHER**
65220-22 22 cm, 8 1/4" 65221-22
65220-25 25 cm, 10" 65221-25
65220-28 28 cm, 11" 65221-28

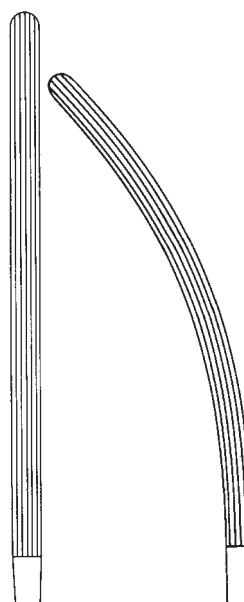
65226-22 22 cm, 8 1/4" 65227-22
65226-25 25 cm, 10" 65227-25
65226-28 28 cm, 11" 65227-28

Atrauma

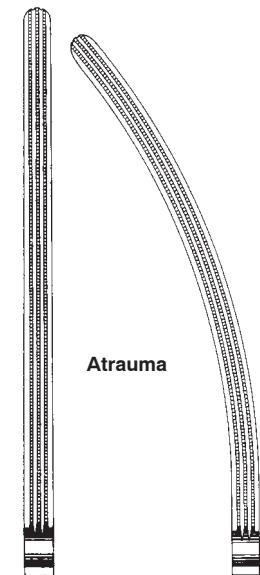
Darmklemmen
Intestinal Forceps
Pinzas intestinales
Pinze intestinali



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



65236-25 25 cm, 10" 65237-25

Atrauma



SCUDDER
65238-33
33 cm, 13"

Atrauma

65239-33
33 cm, 13"

Darmklemmen
Intestinal Forceps
Pinzas intestinales
Pinze intestinali



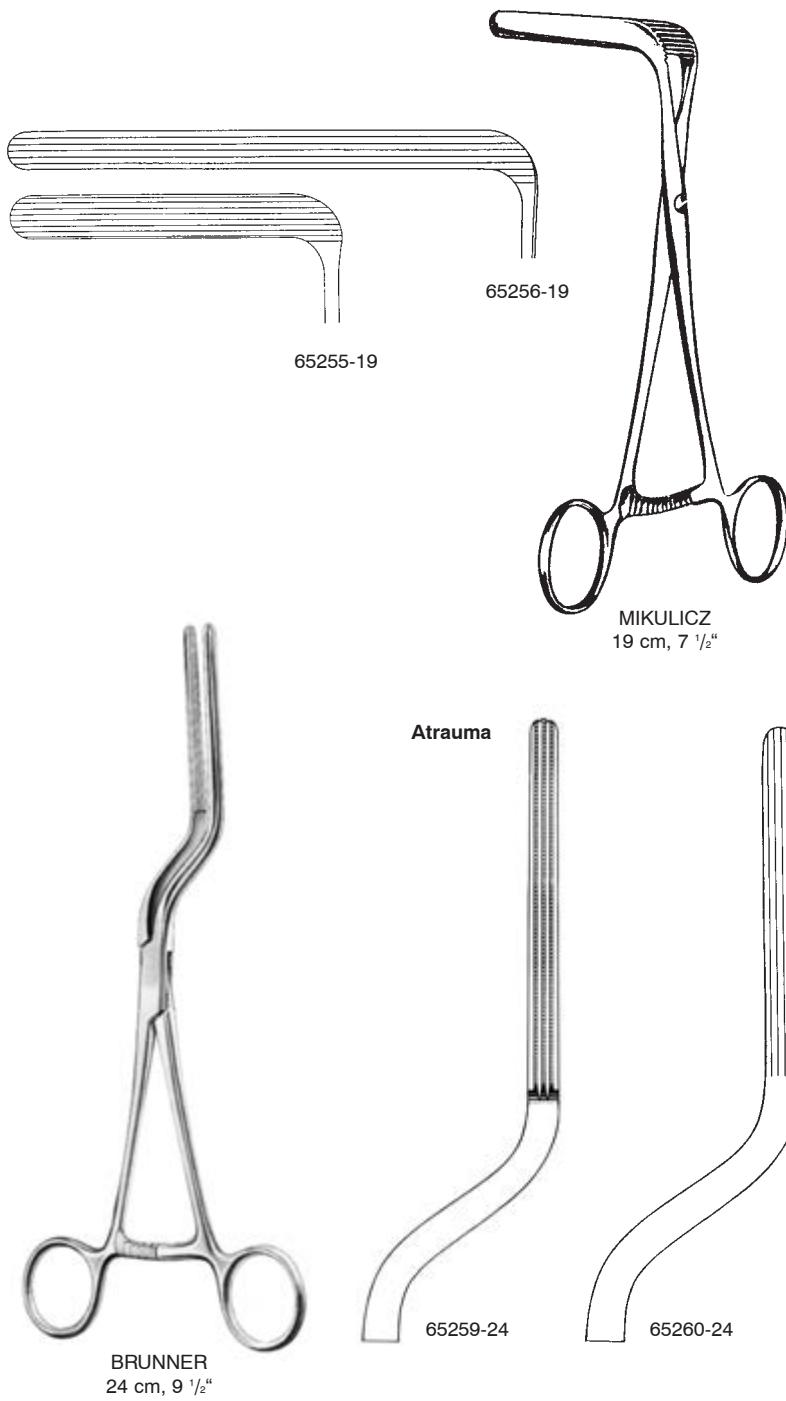
FEHLAND
65241-23
23,5 cm 9 1/4"



RESANO
65242-30
30 cm, 11 3/4"

Atrauma

Magen-Darmklemmen
Intestinal and Stomach Clamps
Pinzas-clamps intestinales y estomacales
Pinze intestinali e stomacali



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"

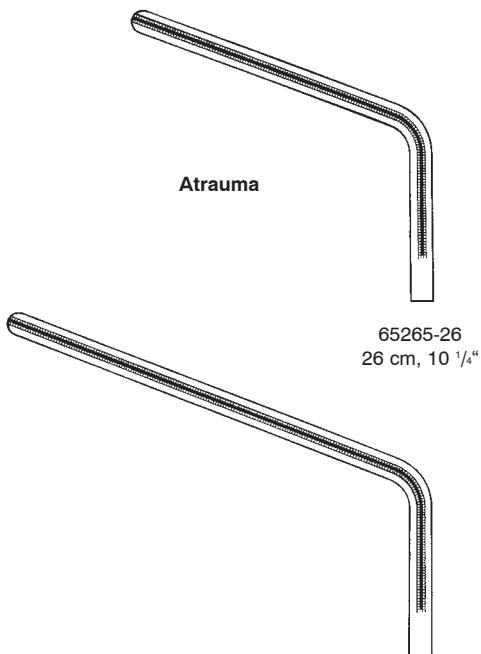
KLEINSCHMIDT
65262-12
12 cm, 4 3/4"

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"



Klemmenschloß
 Locking Device
 Cierre para clamps intestinales
 Serratura per pinze intestinali

STONE-WATT
 65272-07 7,5 cm, 3"
 65272-10 10,0 cm, 4"

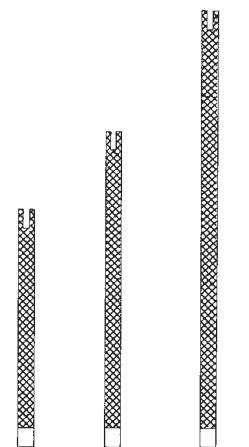


STONE-WATT
 65274-00

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



50 mm 70 mm 100 mm

Klemmenschließzange
 Closing Forceps
 Pinza para cerrar grapas
 Serrapinze

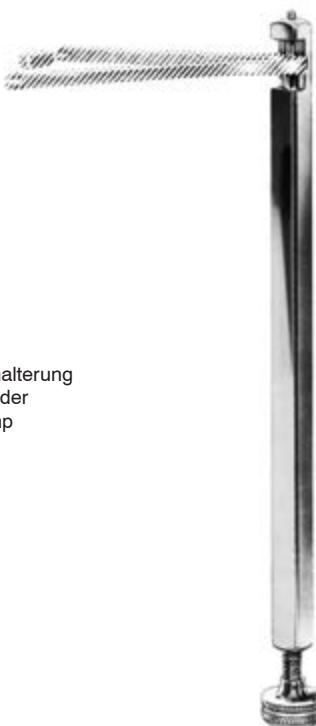


DE MARTEL-WOLFSON
 65282-26 26 cm, 10 1/4"

Klemmenhalterung
 Clamp Holder
 Porta-clamp
 Portapinze

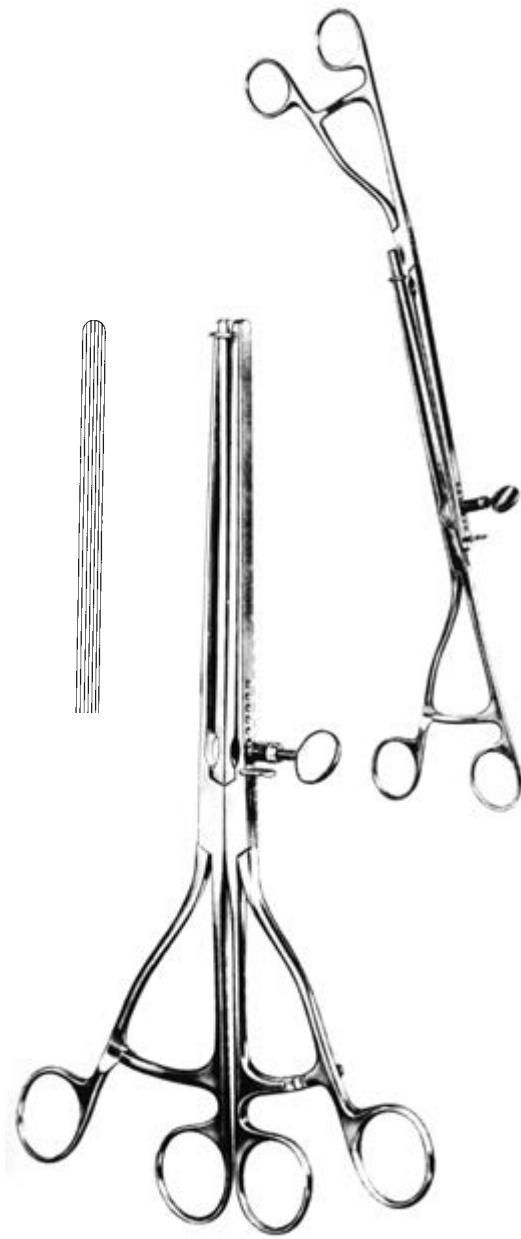


DE MARTEL-WOLFSON
 65284-08 8,5 cm, 3 1/2"



DE MARTEL-WOLFSON
 65284-23 23 cm, 9"

Magen- und Darm-Zwillingsklemmen
Stomach and Intestinal Anastomosis Twin Clamps
Pinzas gastro-intestinales gemelas
Pinze gastrointestinali gemelle

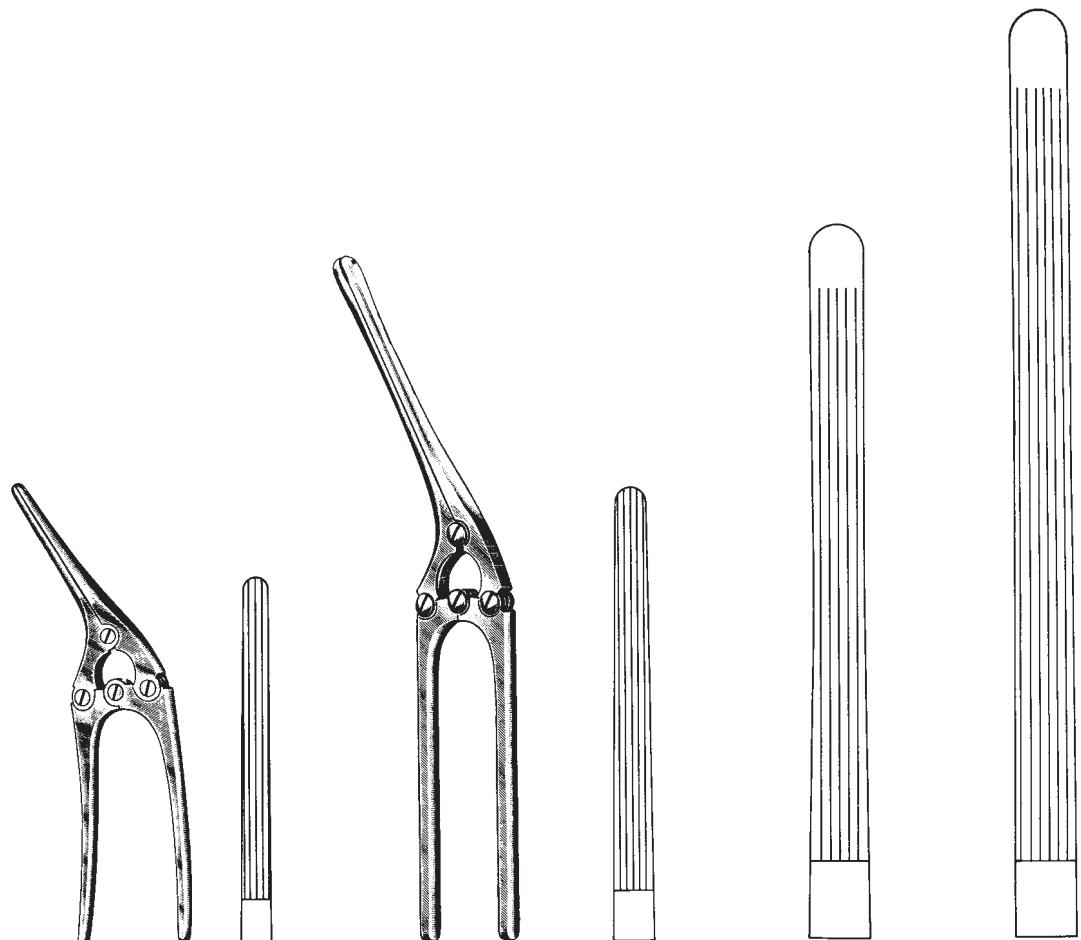


LANE
65290-30 30 cm, 11 3/4"



LANE
65291-30 30 cm, 11 3/4"

Darm- und Magenquetschklemmen
Intestinal and Stomach Clamps
Pinzas-clamps intestinales y estomacales
Pinze e Schiacciatori per l'intestino e lo stomaco



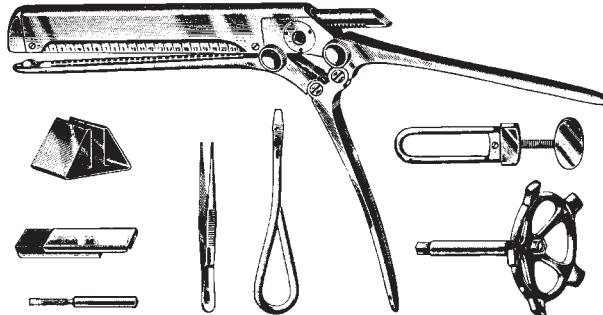
PAYR-BABY
65310-15
15 cm, 6"

PAYR
65310-21
21 cm, 8 1/4"

65310-29
29 cm, 11 1/2"

65310-35
35 cm, 14"

Magen- und Darmnähapparat
 Stomach and Intestinal Suturing Apparatus
 Aparato para suturar estómago e intestinos
 Apparecchiature di sutura gastro-intestinale



V. PETZ
 65320-00
 komplett in Holzsetui
 compl. in wooden case
 en estuche de madera
 in astuccio di legno

bestehend aus:

- Nähapparat
- Holzsetui
- Zusatzschloß
- Kurbel
- Füllständiger
- Füllstift
- Füllpinzette
- Schraubenzieher
- Etui für Klammern
- Silberklammern
(Pack à 300 Stck.)

consisting of:

- suturing apparatus
- wooden case
- additional closing clamp
- gear wheel
- filling rack
- filling pin
- filling tweezers
- screw driver
- metal box for clips
- silver suturing clips
(Pack of 300 ea.)

compuesto de:

- Aparador para suturar
- Estuche de madera
- Cierre adicional
- Manivela
- Soporte para rellenar
- Espiga para llenar
- Pinza para llenar
- Destornillador
- Estuche para agrafas
- Agrafas para sutura de plata
(Paquete de 300 pzas.)

composta da:

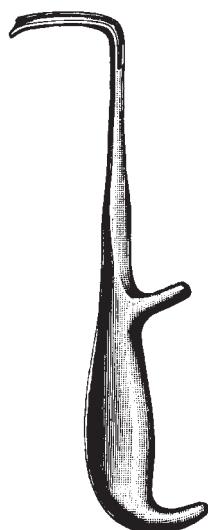
- apparecchio per la sutura
- astuccio in legno
- Serratura supplementare
- manovella
- supporto di riempimento agraffe
- perno per posizionare le agraffe
- pinza per caricare
- cacciavite
- scatola in metallo per agraffe
- agraffe in argento
(confezione da 300 pezz.)

Prostatahaken, Prostatafaßzange, Kapselfaßzange

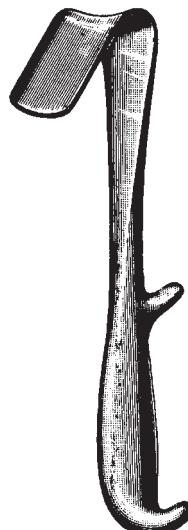
Prostatic retractors, Grasping forceps for the capsule – anterior lobe and ligature carrier

Separador para prostata, pinza de agarre para capsula y prostate

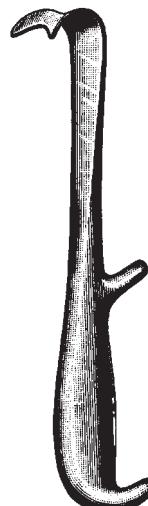
Divaricatori per prostata, pinza per afferrare la capsula e prostata



YOUNG
67101-21
21 cm, 8 1/4"



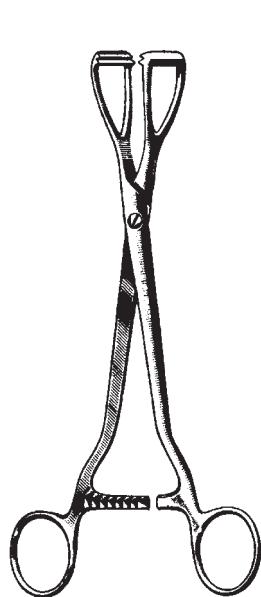
YOUNG
67103-22
22 cm, 8 3/4"



YOUNG
67105-21
21 cm, 8 1/4"



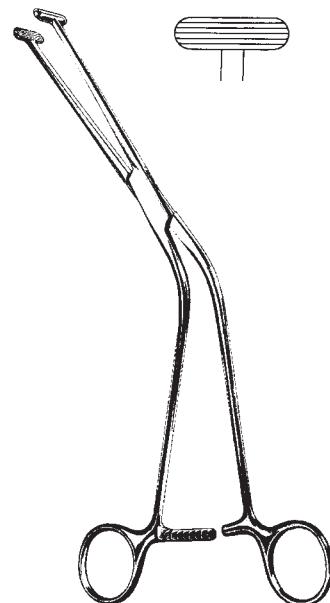
YOUNG
67105-22
22 cm, 8 3/4"



YOUNG
67106-20
20 cm, 8"

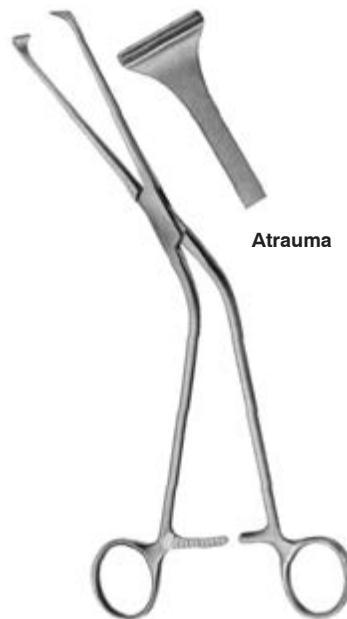


MILLIN
67110-23
23,5 cm, 9 1/4"



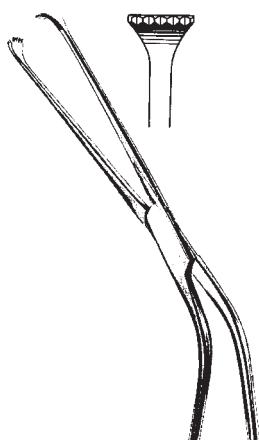
MILLIN
67111-23
23 cm, 9"

Kapselfasszange, Fadenführungszange
Capsule Forceps, Ligature Carrying Forceps
Pinzas capsulares, Pinza porta ligaduras
Pinze per afferrare capsule, Pinza porta-filo

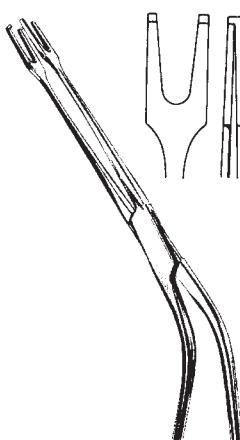


Atrauma

MILLIN
67122-23
24,5 cm, 9 $\frac{3}{4}$ "



MILLIN
67123-23
23 cm, 9"



MILLIN
67125-24
24 cm, 9 $\frac{1}{2}$ "

Blasenwundspreizer, Blasenspatel

Bladder Retractors

Separadores vesicales, Espátula vesical

Divaricatori vescicali, Spatoli vescicali

67130-01 2 Valven, 2 blades, 2 valvas, 2 valve 57 mm x 25 mm

67130-02 2 Valven, 2 blades, 2 valvas, 2 valve 80 mm x 25 mm

67130-03 1 Valven, 1 blade, 1 valva, 1 valve 120 mm x 45 mm



MILLIN
67130-00

67130-00 ohne Kaltlicht

67132-00 Kaltlichtaufsatz für
67130-00

67130-00 without fiber optic

67132-00 fiber optic light carrier for
67130-00

67130-00 sin soporte de luz fría

67132-00 soporte de luz fría para
67130-00

67130-00 senza fibre ottiche

67132-00 supporto per luce fredda per
67130-00



LEGUEU
67147-27

KOCHER
67149-27



JUDD-MASSON

67150-00 mit Mittelvalve, with Central Blade

con valva central, con valva centrale

67155-00 ohne Mittelvalve, without Central Blade

sin valva central, senza valva centr.



THOMSON-WALKER
67160-00

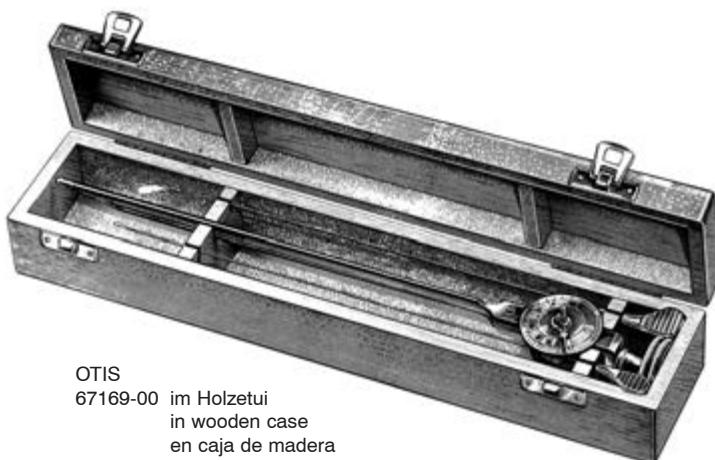
Blasenwundspreizer, Blasenhalssperrer, Urethrotome
 Bladder Retractors, Bladder Neck Spreader, Urethrotomes
 Separadores vesicales, Uretrótomas
 Divaricatori vescicali, Divaricatore del collo vescicale, Uretrotomi



LEGUEU
67163-00



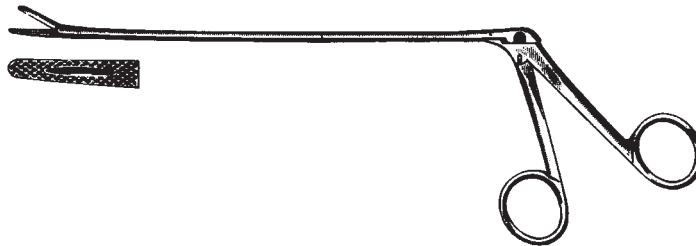
MILLIN
67165-00



OTIS
67169-00 im Holzsetui
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"

innen Ø 3 mm



67178-14
14 cm, 5 1/2"



67179-14
14,5 cm, 5 3/4"

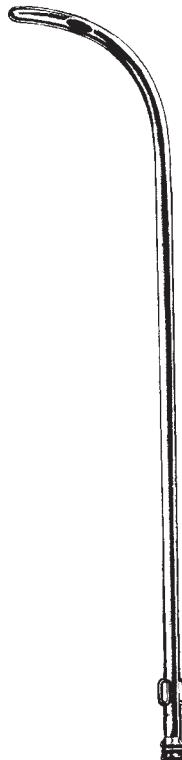
Kathetereinführungsinstrumente, Dilatationsbougies
 Catheter Introducer, Dilating Bougies
 Introductor de catéteres, Bujías dilatadoras
 Mandrini per sonde uretrali, Candelette dilatatrici



GUYON
67184-39
39 cm, 15 1/2"

GUYON	Charr. FG	28 cm (11") VAN BUREN 67201-08	25 cm (10") GUYON 67205-08	28 cm (11") DITTEL 67206-08	30 cm (11 3/4") DITTEL 67207-08
67184-39	8	67201-08	67205-08	67206-08	67207-08
39 cm, 15 1/2"	9			67206-09	67207-09
	10	67201-10	67205-10	67206-10	67207-10
	11			67206-11	67207-11
	12	67201-12	67205-12	67206-12	67207-12
	13			67206-13	67207-13
	14	67201-14	67205-14	67206-14	67207-14
	15			67206-15	67207-15
	16	67201-16	67205-16	67206-16	67207-16
	17			67206-17	67207-17
	18	67201-18	67205-18	67206-18	67207-18
	19			67206-19	67207-19
	20	67201-20	67205-20	67206-20	67207-20
	21			67206-21	67207-21
	22	67201-22	67205-22	67206-22	67207-22
	23			67206-23	67207-23
	24	67201-24	67205-24	67206-24	67207-24
	25			67206-25	67207-25
	26	67201-26	67205-26	67206-26	67207-26
	27			67206-27	67207-27
	28	67201-28	67205-28	67206-28	67207-28
	29			67206-29	67207-29
	30	67201-30	67205-30	67206-30	67207-30
	32	67201-32	67205-32		
	34	67201-34	67205-34		
	36	67201-36	67205-36		
	38		67205-38		
	40		67205-40		

Metallkatheter
Metal Catheters
Sondas metálicas
Sonde metalliche



29 cm
11 1/2"



15 cm
6"



COXETER

Charr.

FG

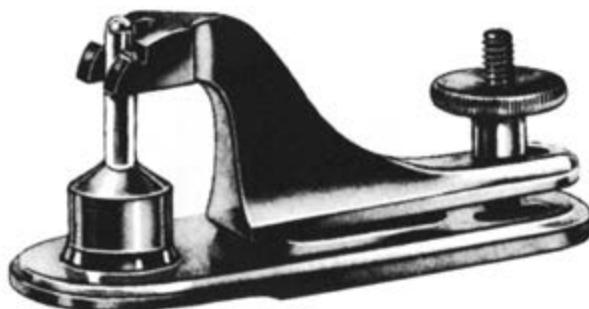
6	67211-06	67213-06	
8	67211-08	67213-08	67219-08
10	67211-10	67213-10	67219-10
12	67211-12	67213-12	67219-12
14	67211-14	67213-14	67219-14
16	67211-16	67213-16	67219-16
18	67211-18	67213-18	67219-18
20	67211-20	67213-20	67219-20
22	67211-22	67213-22	67219-22
24	67211-24	67213-24	67219-24



WALTHER
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 circoncisione



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
Espéculos rectales
Specoli rettali



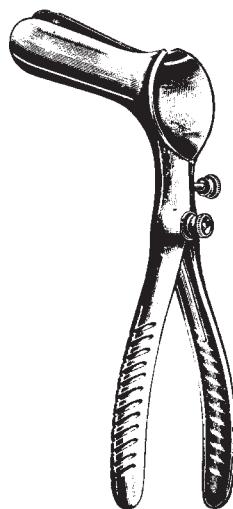
CZERNY
69105-22
22 cm, 8 3/4"



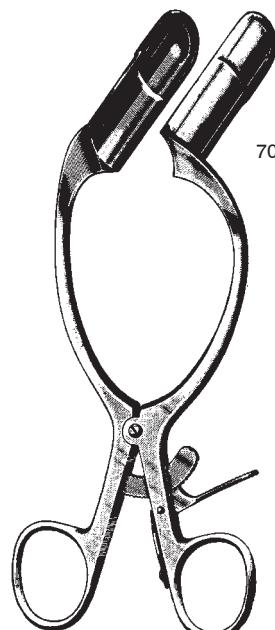
SIMS
69110-15
15 cm, 6"



BODENHAMMER
69115-15
15 cm, 6"



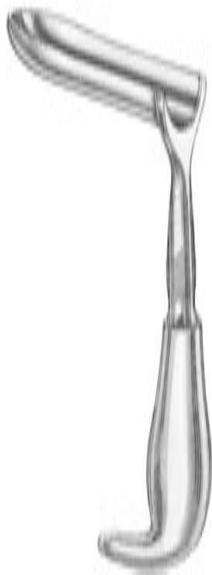
PRATT
69121-00
19 cm, 7 1/2"



BARR
69125-17
17 cm, 6 3/4"

70x22 mm

Mastdarm-Spekula
 Rectal Specula
 Espéculos rectales
 Specoli rettali



HILL-FERGUSON, 20 cm, 8"
 69126-01 6,4x2,2 cm 2 $\frac{1}{2}$ " x $\frac{7}{8}$ "
 69126-02 7,6x3,0 cm 3" x $1\frac{3}{16}$ "
 69126-03 7,6x3,6 cm 3" x $1\frac{7}{16}$ "



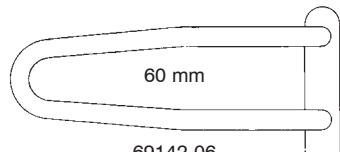
SAWYER, 25 cm, 9 $\frac{3}{4}$ "
 69127-01 6,4x2,2 cm 2 $\frac{1}{2}$ " x $\frac{7}{8}$ "
 69127-02 7,6x2,9 cm 3" x $1\frac{1}{8}$ "
 69127-03 8,9x3,8 cm 3 $\frac{1}{2}$ " x $1\frac{1}{2}$ "



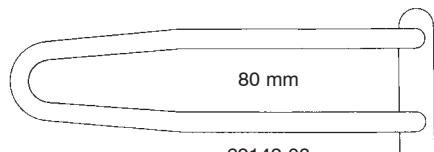
MATHIEU
 69130-19
 19,5 cm, 7 $\frac{3}{4}$ "



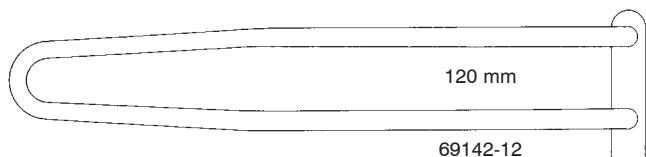
SCHULZE-BERGMANN
 69142-06 - 69142-12



69142-06

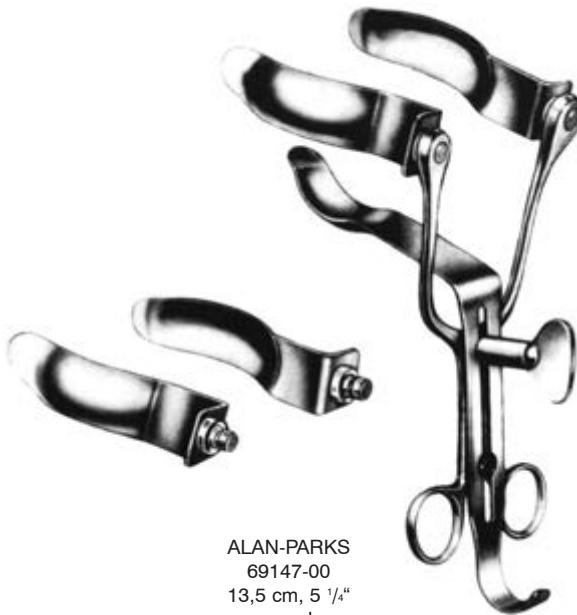


69142-08



69142-12

Analspreizer
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

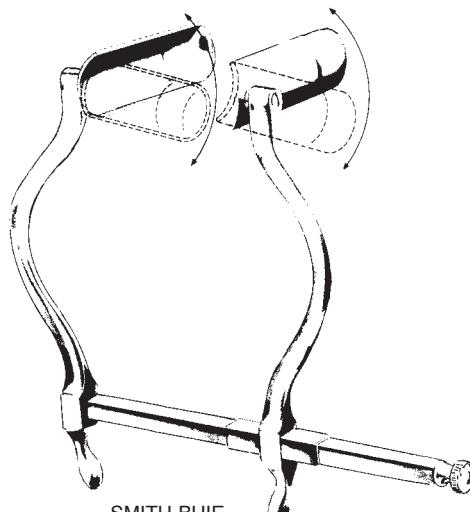
Adattatore luce fredda per 69147-00

69147-01 Sperrer allein
Spreader only
Separador rectal solo
Solo telaio senza valve

69147-02 Mittelblatt allein
Center blade, only
Valva central, solo
Valva centrale, sola

69147-03 Blatt allein 75 mm, 3"
Blade only 75 mm, 3"
Valva sola 75 mm, 3"
Valva sola 75 mm, 3"

69147-04 Blatt allein 95 mm, 3 3/4"
Blade only 95 mm, 3 3/4"
Valva sola 95 mm, 3 3/4"
Valva sola 95 mm, 3 3/4"



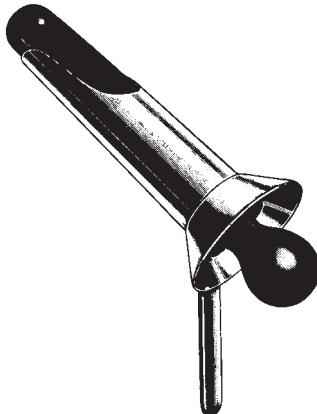
SMITH-BUIE

69150-15

15 cm, 6"

75x23 mm

Anuskope, 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

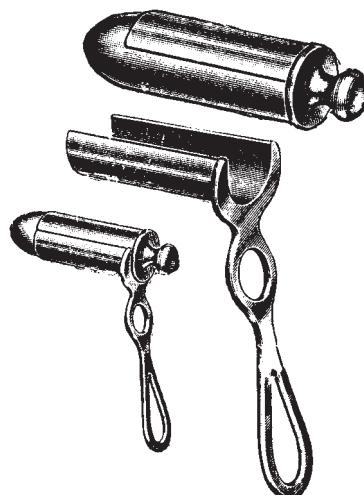


mm
ØxL KELLY
22x 50 69220-05
22x100 69220-10
22x140 69220-14
22x200 69220-20

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



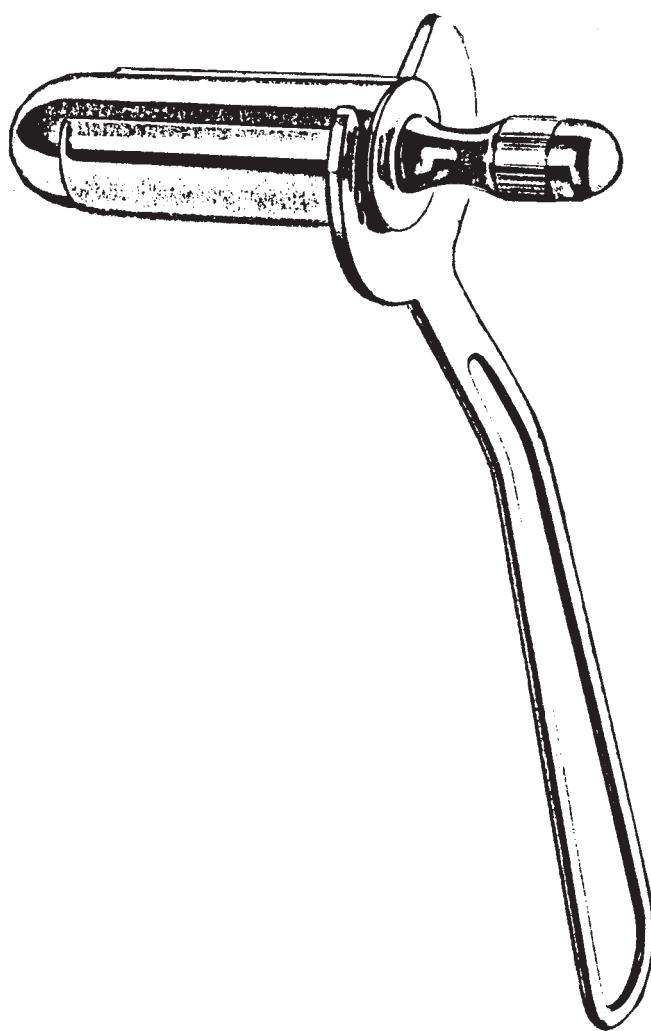
Fig. 2
69251-02



Fig. 3
69251-03

PRATT
 21 cm, 8 1/4"
 69251-01 - 69251-03

Proktoskope
Proctoscopes
Proctoscopios
Protoscopi



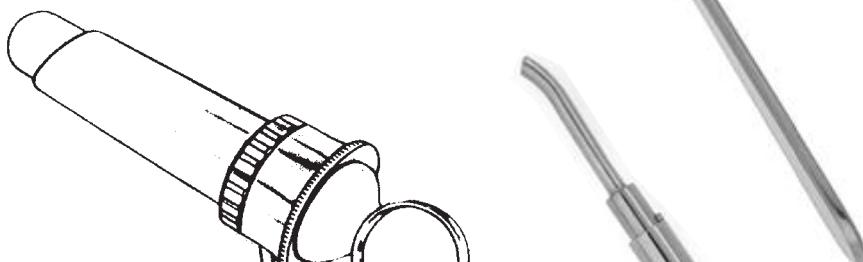
\varnothing	L	FANSLER, 24 cm, 9 $\frac{1}{2}$ "
25 x 65 mm		69226-25
29 x 65 mm		69226-29
38 x 70 mm		69226-38

Proktoskope
Proctoscopes
Proctoscopios
Protoscopi



MORGAN

- | | | |
|----------|---------|---------|
| 69227-01 | 17 mm Ø | L=65 mm |
| 69227-02 | 17 mm Ø | L=80 mm |
| 69227-03 | 20 mm Ø | L=65 mm |
| 69227-04 | 20 mm Ø | L=80 mm |
| 69227-05 | 24 mm Ø | L=65 mm |
| 69227-06 | 24 mm Ø | L=80 mm |



69228-01

Beleuchtungsstab für MORGAN
Illumination attachment for MORGAN
Mango con iluminacion para MORGAN
Dispositivo Illuminativo per MORGAN

BENSAUDE

- | | | |
|----------|---------|---------|
| 69229-01 | 19 mm Ø | L=70 mm |
| 69229-02 | 22 mm Ø | L=70 mm |

Rektal Absaugrohr, Rektalschnürer, Mastdarmbiopsiezangen
 Rectal aspiration cannula, Rectal snare, Rectal Biopsy Specimen Forceps
 Cánula de aspiración rectal, Cierra-nudo rectal, Pinzas para biopsia rectal
 Cannula d'aspirazione rettale, Serranodi, Pinze taglienti per biopsia rettale

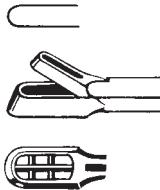
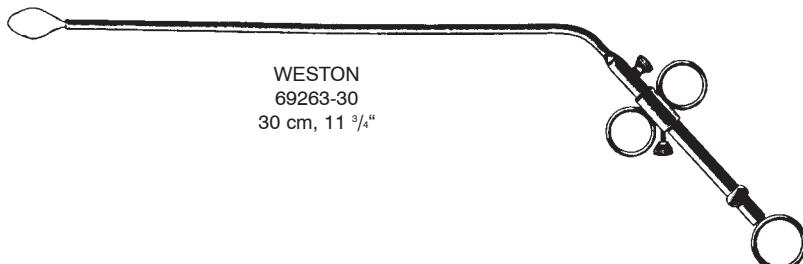
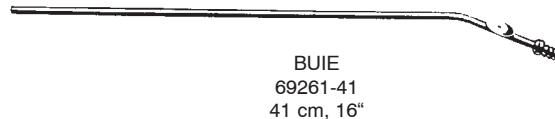


Fig. 1
 69301-28 28 cm, 11"
 69301-35 35 cm, 13 3/4"
 69301-42 42 cm, 16 1/2"

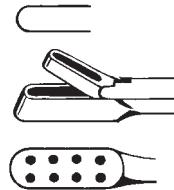


Fig. 2
 69302-28 28 cm, 11"
 69302-35 35 cm, 13 3/4"
 69302-42 42 cm, 16 1/2"

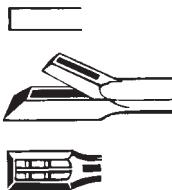


Fig. 3
 69303-28 28 cm, 11"
 69303-35 35 cm, 13 3/4"
 69303-42 42 cm, 16 1/2"

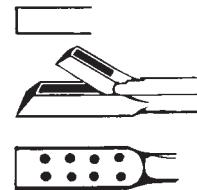
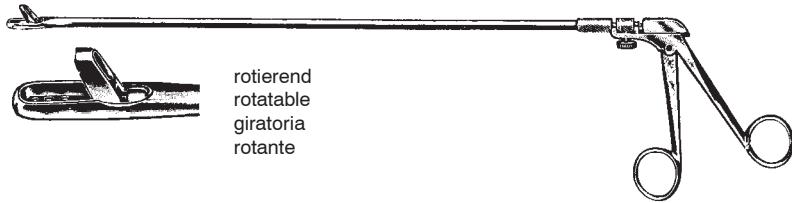


Fig. 4
 69304-28 28 cm, 11"
 69304-35 35 cm, 13 3/4"
 69304-42 42 cm, 16 1/2"

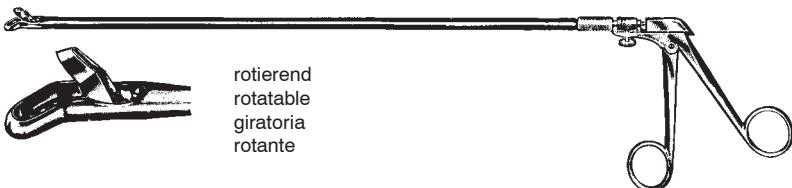
Mastdarm-Biopsiezangen, Hämorrhoidalzange
 Rectal Biopsy Specimen Forceps, Haemorrhoidal Forceps
 Pinzas para biopsia rectal, Pinzas-clamps hemorroidales
 Pinze taglienti per biopsia rettale, Pinze per emorroidi



rotierend
rotatable
giratoria
rotante

YEOMANN

69311-23 23 cm, 9"
 69311-33 33 cm, 13"
 69311-40 40 cm, 15 $\frac{3}{4}$ "



rotierend
rotatable
giratoria
rotante

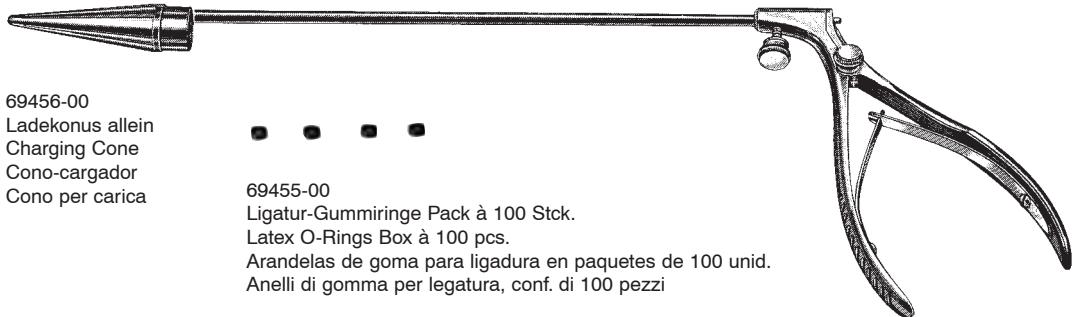
TURREL

69321-23 23 cm, 9"
 69321-33 33 cm, 13"
 69321-40 40 cm, 15 $\frac{3}{4}$ "

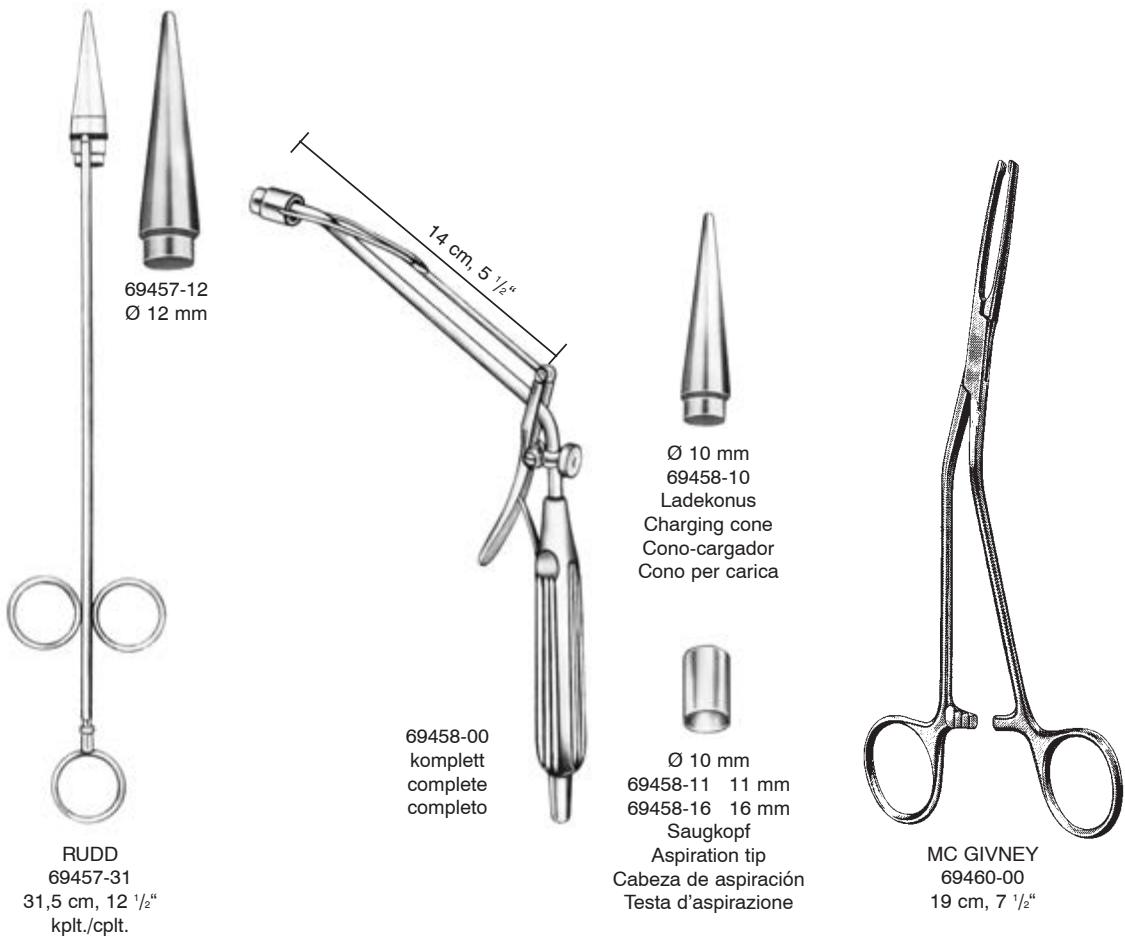


HEYWOOD-SMITH
 69402-21 21 cm, 8 $\frac{1}{4}$ "
 69402-25 25 cm, 10"

Hämorrhoidal-Ligatoren, Hämorrhoidal-Fasszange
 Haemorrhoidal Ligators, Haemorrhoidal Forceps
 Ligadores para hemorroides, Pinzas-clamps para hemorroides
 Legatori emorroidali, Pinze per emorroidi



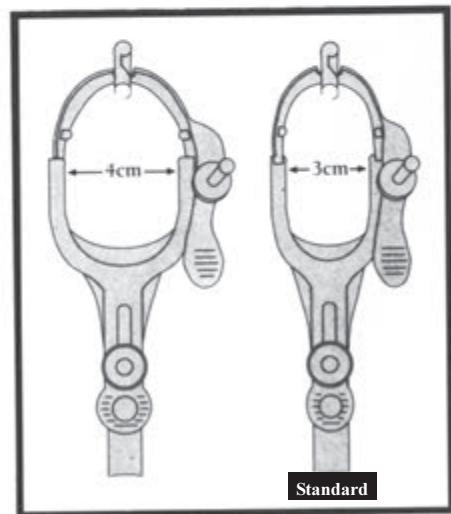
MC GIVNEY
 69450-18
 18 cm, 7"



Lateral-Scheidenspekula
 Lateral Vaginal Retractor
 Espéculos vaginales
 Specoli vaginali



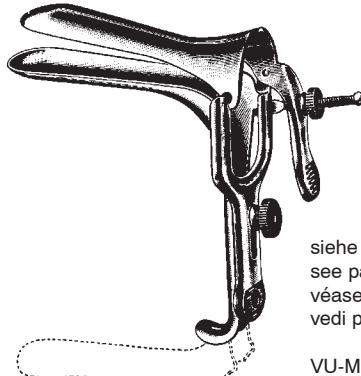
71100-00
 Lateralretractor allein
 Vaginal retractor lateral only
 Espéculo vaginal solo
 Specolo vaginale laterale, solo



VU-MORE

Fig.	mm	
2	95x35	71115-02
3	115x35	71115-03

Scheidenspekula
Vaginal Specula
Espéculos vaginales
Specoli vaginali

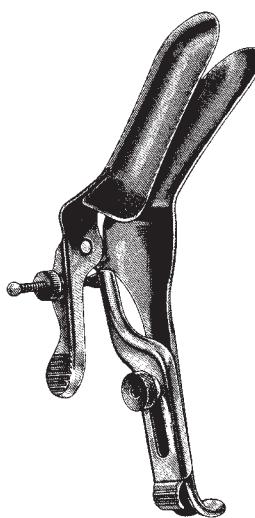


siehe Seite 569
see page no. 569
véase pagina no. 569
vedi pagina nr. 569

VU-MORE

GRAVE

Fig.	mm	Standard
1	75x20	71110-01
2	95x35	71110-02
3	115x35	71110-03



rechts offen
open right-side
abierto a la derecha
aperta a destra

GRAVE

71116-02
mittel, medium, mediano, medio
101x35 mm

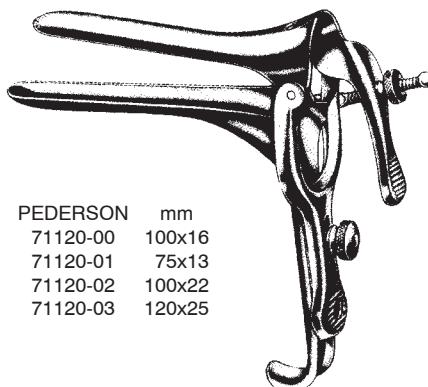


Fig.	PEDERSON	mm
	71120-00	100x16
1	71120-01	75x13
2	71120-02	100x22
3	71120-03	120x25

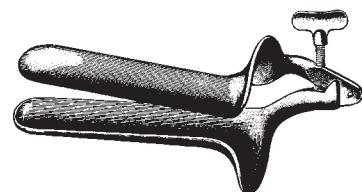
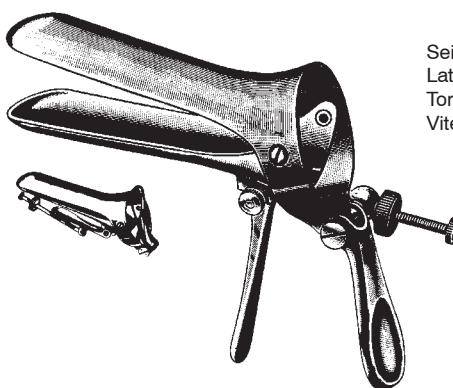
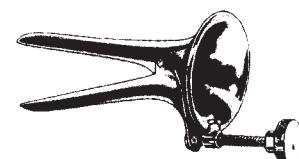


Fig.	COLLIN	mm
1	71130-01	85x30
2	71130-02	100x35
3	71130-03	110x40



Seitliche Schraube
Lateral Screw
Tornillo lateral
Vite laterale

Fig.	mm	Standard
1	75x32	71140-01
2	85x35	71140-02
3	100x35	71140-03
4	75x17	71142-04



COLLIN
71132-00
65x10 mm

für Jungfrauen
for virgin
para vírgenes
per vergini

Scheidenspekula
Vaginal Specula
Espéculos vaginales
Specoli vaginali

Mittelschraube
Central Screw
Tornillo central
Vite centrale

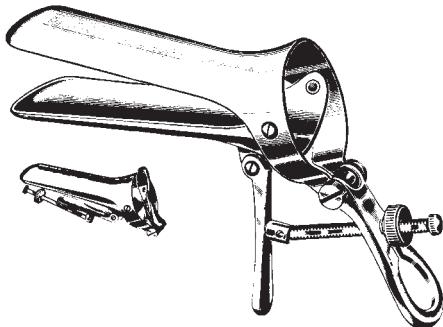


Fig.	CUSCO	mm
1	71150-01	75x32
2	71150-02	85x35
3	71150-03	100x37

Schweizer Modell
Swiss Pattern
Modelo suizo
Modello svizzero

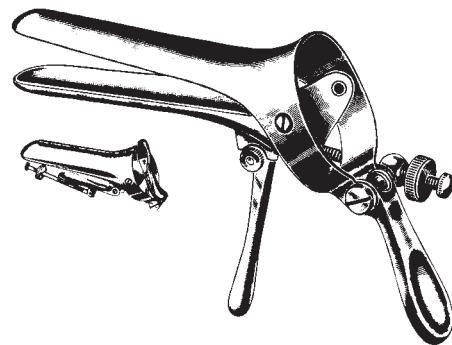


Fig.	CUSCO	mm
1	71160-01	90x23-25
2	71160-02	100x25-27
3	71160-03	110x27-30



	SEMM	mm
71161-17	100 x 17 - 20 mm	
71161-25	100 x 25 - 30 mm	



Fig.	TRÉLAT	mm
1	71170-01	85x33
2	71170-02	95x35
3	71170-03	115x43

Scheidenspekula
Vaginal Specula
Espéculos 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

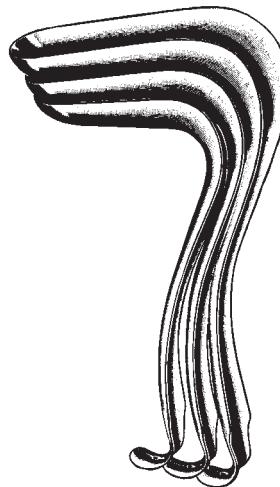


Fig. KRISTELLER mm
1 71211-01 70x27
2 71211-02 80x30
3 71211-03 90x36



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

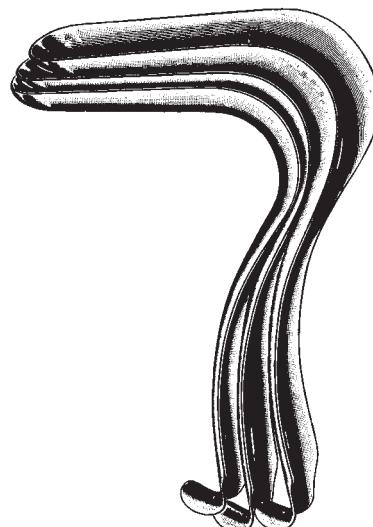


Fig. KRISTELLER mm
00 71241-00 110x18
0 71241-10 110x21
1 71241-01 110x27
2 71241-02 110x30
3 71241-03 110x36

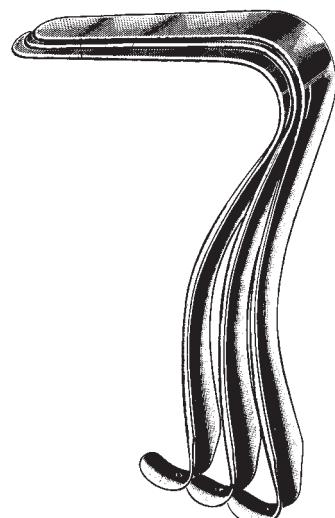


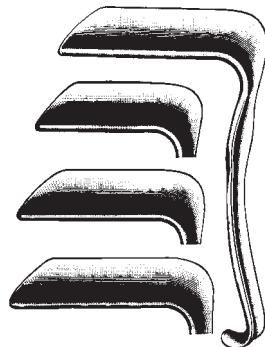
Fig. KRISTELLER mm
00 71242-00 115x14
0 71242-10 115x17
1 71242-01 115x23
2 71242-02 115x26
3 71242-03 115x32

Scheidenspekula
Vaginal Specula
Espéculos vaginales
Specoli vaginali



KALLMORGEN
71260-01 - 71262-02

	Satz Set Juego	Spekula Speculum Espéculo Specolo	Halter Retractor Valva	Valve	mm
Fig.	Serie	71261-01	71261-02	71262-01	70x33
1	71260-01	70x40	90x40	71262-01	70x33
2	71260-02			71262-02	90x33



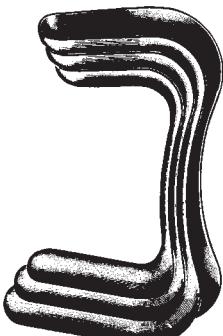
JACKSON

Fig.		mm
1	71271-01	75x38
2	71271-02	90x38
3	71271-03	100x38



SIMS mm

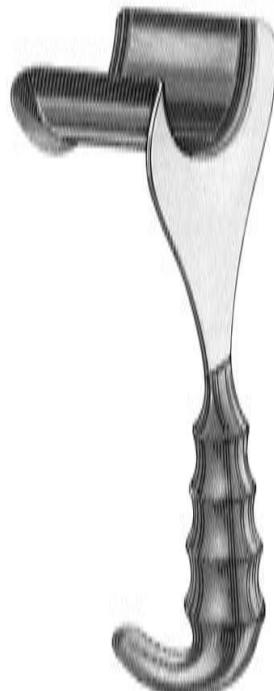
Fig. 1	71281-01	63x32
2	71281-02	76x32
3	71281-03	89x38



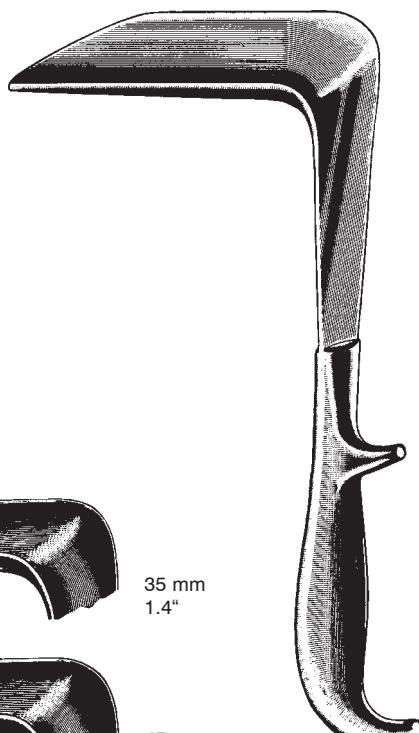
SIMS mm

Fig. 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 $\frac{1}{4}$ "



DOYEN
 24 cm, 9 $\frac{1}{2}$ "

leicht hohl
 slightly concave
 ligeramente concavos
 leggermente concavi

Fig.		mm
1	71301-01	55x35
2	71301-02	85x35
3	71301-03	115x35



35 mm
 1.4"

Fig.		mm
1	71303-01	55x45
2	71303-02	85x45
3	71303-03	115x45
4	71303-04	160x45
5	71303-05	180x45



45 mm
 1.8"

Fig.		mm
1	71305-01	55x60
2	71305-02	85x60
3	71305-03	115x60
4	71305-04	160x60
5	71305-05	180x60

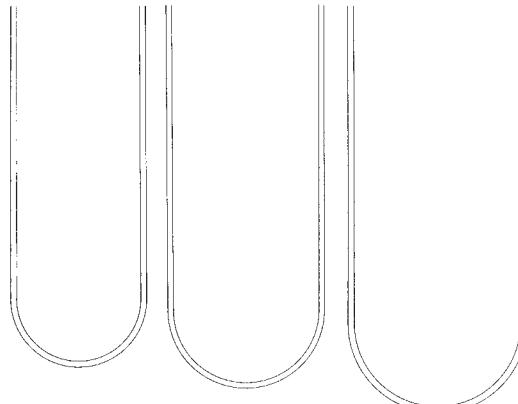


60 mm
 2.4"

Scheidenspekula
Vaginal Specula
Espéculos vaginales
Specoli vaginali

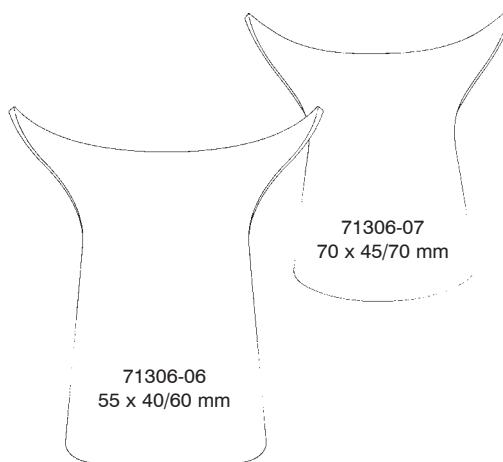


71306-01 - 71306-03

71306-01
80 x 30 mm71306-02
85 x 35 mm71306-03
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 mm71306-07
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
Espéculos vaginales
Specoli vaginali



O'SULLIVAN-O'CONNOR
71308-00



Fig. 1 = 45 x 17 mm 71308-01
Fig. 2 = 90 x 37 mm 71308-02
Fig. 3 = 90 x 45 mm 71308-03

71308-00

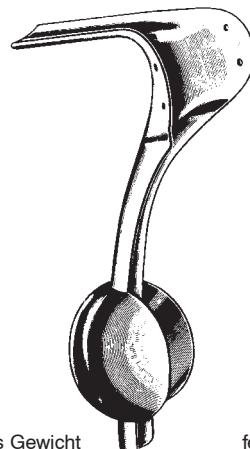
komplett bestehend aus:
1 Rahmen mit 2 beweglichen Seitenvalven
3 austauschbare Mittelvalven Fig. 1-3

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

71308-04
Rahmen allein
Frame only
Marco solo
Telaio solo



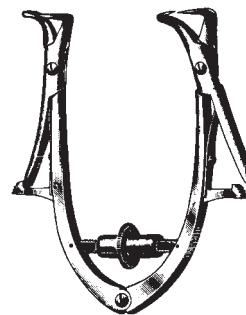
abnehmbares Gewicht
Detachable Weight
Peso desmontable
Peso smontabile

AUVARD
71307-00
24 cm, 9 1/2"
1,4 kg
75 x 38 mm

festes Gewicht
Fixed Weight
Peso fijo
Peso fisso

71309-00
1,4 kg
105 x 38 mm

Scheidenspekula, Endospekula
 Vaginal Specula, Endospecula
 Espéculos vaginales, Endo-espéculos
 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"



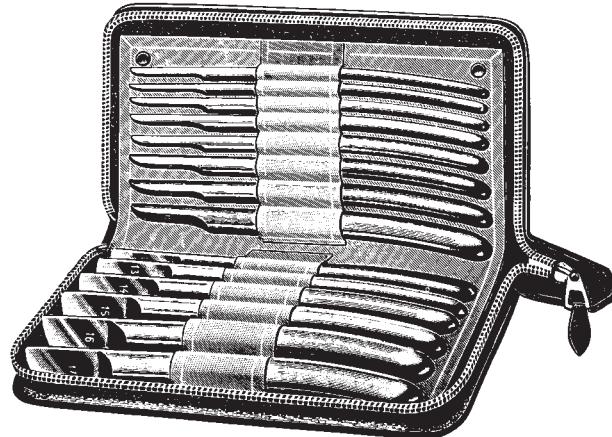
KOGAN

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

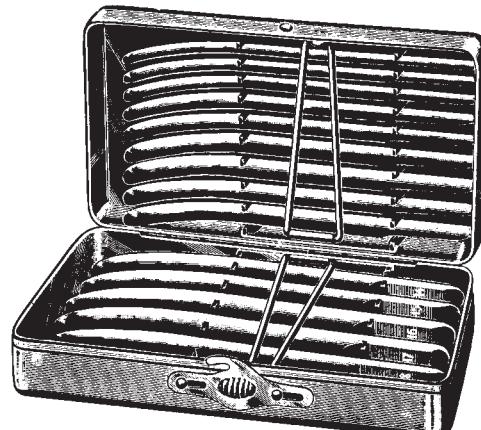
71363-24	3 mm	24 cm, 9 1/2"
71364-24	4 mm	24 cm, 9 1/2"
71365-24	5 mm	24 cm, 9 1/2"

Uterus Dilatatoren
 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	

HEGAR
 71405-14 4-17 mm
 14 St./pces./pzas./pezzi

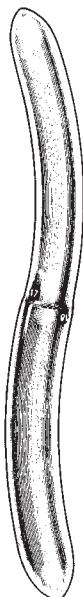


mm HEGAR
 4-17 71406-14 14 St./pces./pzas./pezzi
 1-26 71406-26 26 St./pces./pzas./pezzi

in Metalletui, in metal case,
 en estuche de metal, in astuccio metallico

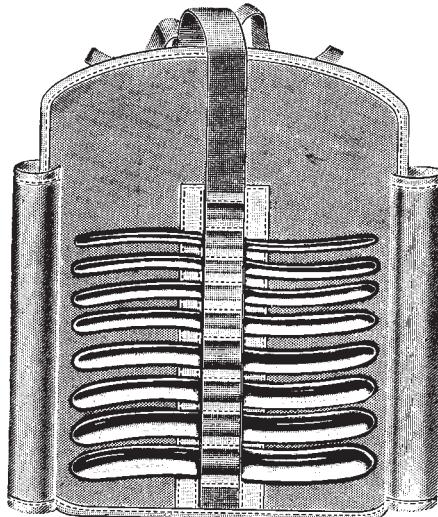
- 71404-14 Satz/Set/Juego/Set
 71410-04 - 71410-17 = 14
 71404-26 Satz/Set/Juego/Set
 71410-01 - 71410-26 = 26

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

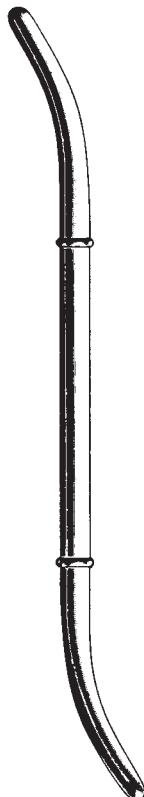
in Stofftasche, in khaki roll,
en bolsa de tela, in borsa di tela



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

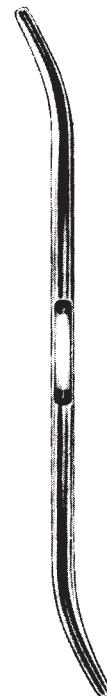
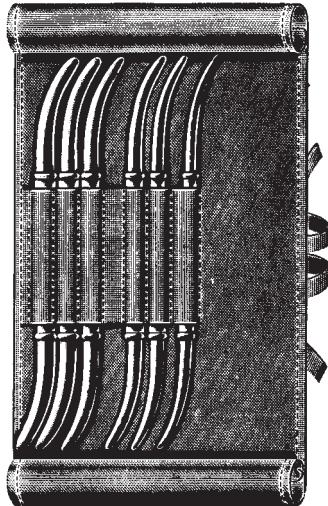


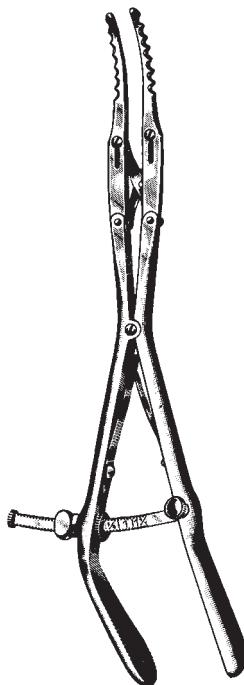
Fig.	mm/Ø	HANK
9/10	4,5/5	71430-10
11/12	5,5/6	71430-12
13/14	6,5/7	71430-14
15/16	7,5/8	71430-16
17/18	8,5/9	71430-18
19/20	9,5/10	71430-20

71436-06
 Satz, set, juego, serie = 6

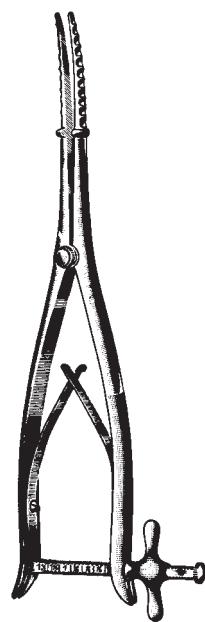
Fig./U.S.	mm/Ø	PRATT
13/15	4,5/5	71438-13
17/19	5,6/6,3	71438-17
21/23	7/7,6	71438-21
25/27	8,3/9	71438-25
29/31	9,6/10,3	71438-29
33/35	11/11,6	71438-33
37/39	12,3/13	71438-37
41/43	13,6/14,3	71438-41

71438-00
 Satz, set, juego, serie = 8

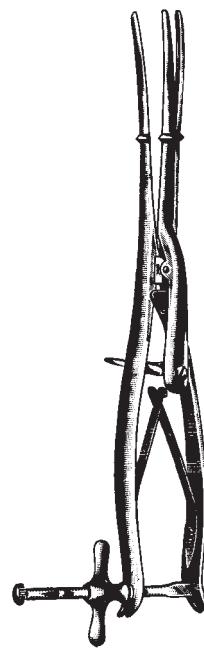
Uterus Dilatatoren
Uterine Dilators
Dilatadores uterinos
Dilatatori uterini



GOODELL
71441-34
34 cm, 13 1/2"



WYLIE
71443-29
29 cm, 11 1/2"



SIMS
71445-29
29 cm, 11 1/2"

Hakenzangen

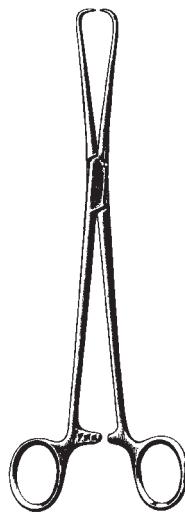
Tenaculum Forceps

Pinzas para coger el cuello del útero

Pinze per abbassare il collo dell'utero



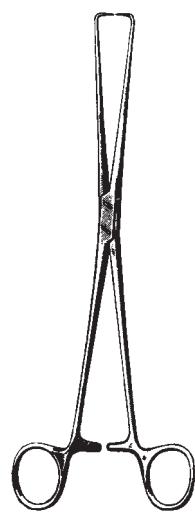
ADAIR
71500-18
19 cm, 7 1/2"



SCHRÖDER (POZZI)
71502-25
25 cm, 10"



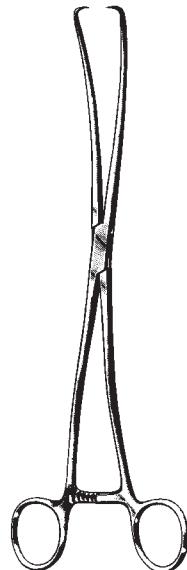
POZZI-PALMER
71503-25
25 cm, 10"



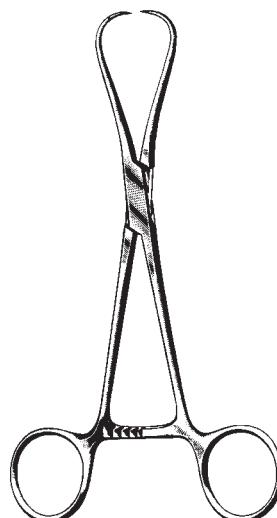
BRAUN
71504-25
25 cm, 10"



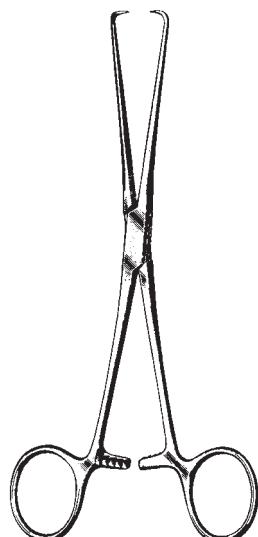
SKENE
71505-24
24 cm, 9 1/2"



DUPLAY
71507-28
28 cm, 11"

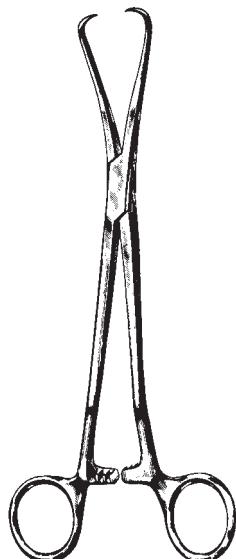


STAUDE-MOORE
71508-17
17 cm, 6 3/4"

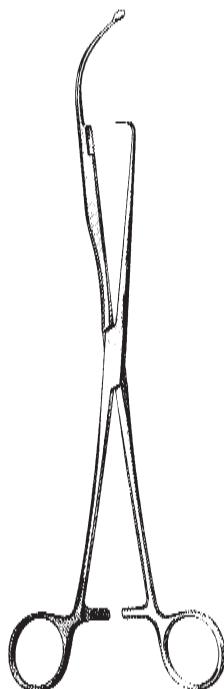


BARRETT
71510-18
18 cm, 7"

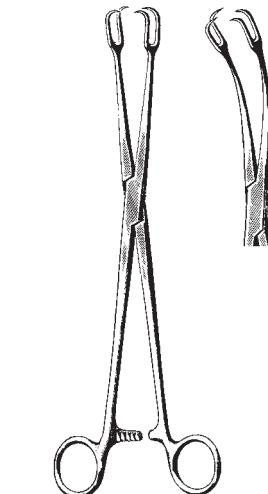
Hakenzangen
 Tenaculum Forceps, Vulsellum Forceps
 Pinzas para coger el cuello del útero
 Pinze per abbassare il collo dell'utero



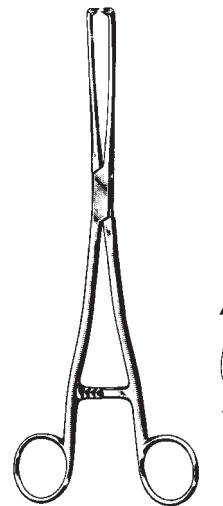
JARCHO
 71512-20
 20 cm, 8"



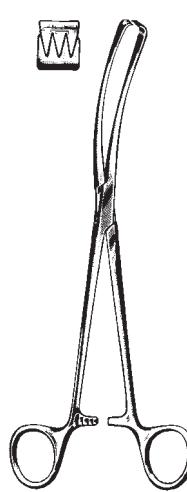
HULKA
 71512-28
 28 cm, 11"



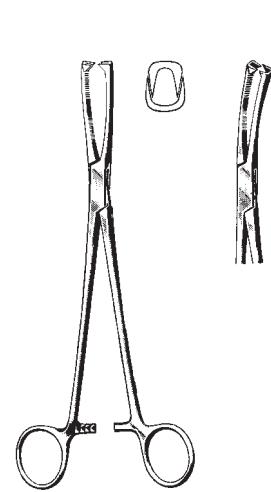
SCHRÖDER
 71514-24 71515-24
 24 cm, 9 1/2"



MUSEUX
 71524-06 6 mm 71525-06
 71524-08 8 mm 71525-08
 71524-10 10 mm 71525-10
 24 cm, 9 1/2"



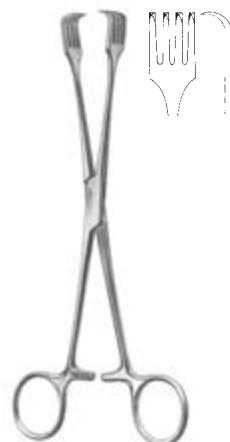
TEALE
 71531-23
 23 cm, 9"



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



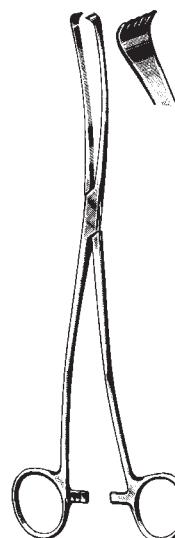
CZERNY
71536-21
20 cm, 8"



PRATT
71536-28
28 cm, 11"

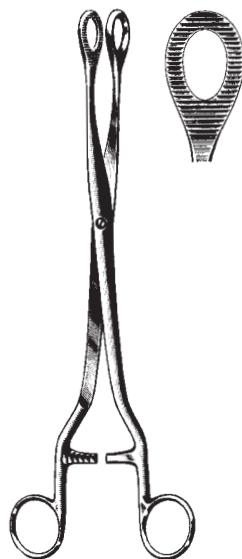


SCHRÖDER
71537-27
27 cm, 10 1/2"

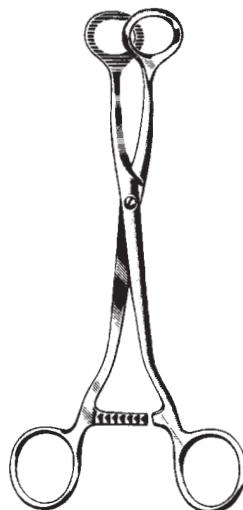


IOWA
71539-26
26 cm, 10 1/4"

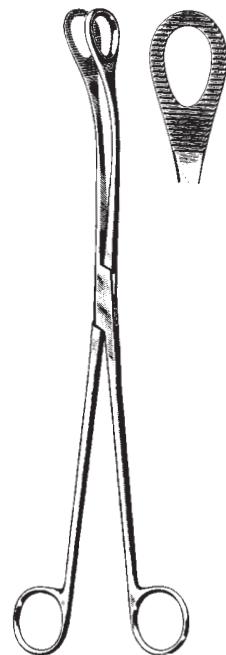
Uterus Polypenzangen, Uterus-Faßzangen
 Uterine Polypus Forceps, Uterine Elevating Forceps
 Pinzas para pólipos uterinos, Pinzas para el útero
 Pinze per polipi uterini, Pinze per afferrare l'utero



NOTO
 71540-27
 27 cm, 10 1/2"



DOYEN
 71542-20
 20 cm, 8"



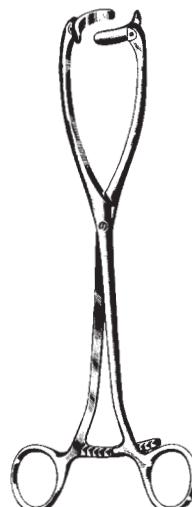
KELLY
 71543-32
 32 cm, 12 3/4"



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 $\frac{1}{4}$ "



BRAUN
71565-28
28 cm, 11"



SIMS
71567-26
26 cm, 10 $\frac{1}{4}$ "



fest
rigid
rigido
rigida

SIMS

71580-32 71581-32

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



fest
rigid
rigido
rigida

MARTIN

71582-32 71583-32

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



COLLIN

71584-28

28 cm, 11"

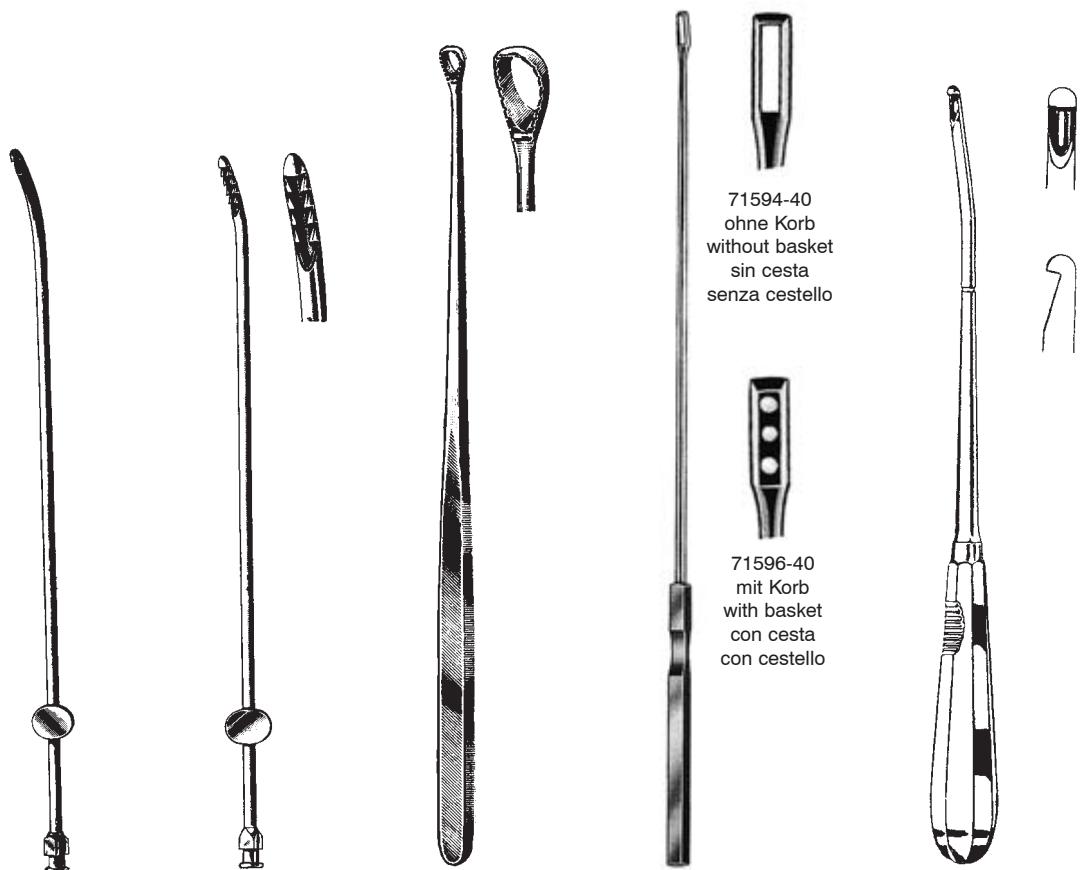


VALLEIX

71585-25

25 cm, 10"

Saugküretten, Biopsieküretten
 Biopsy Curettes
 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

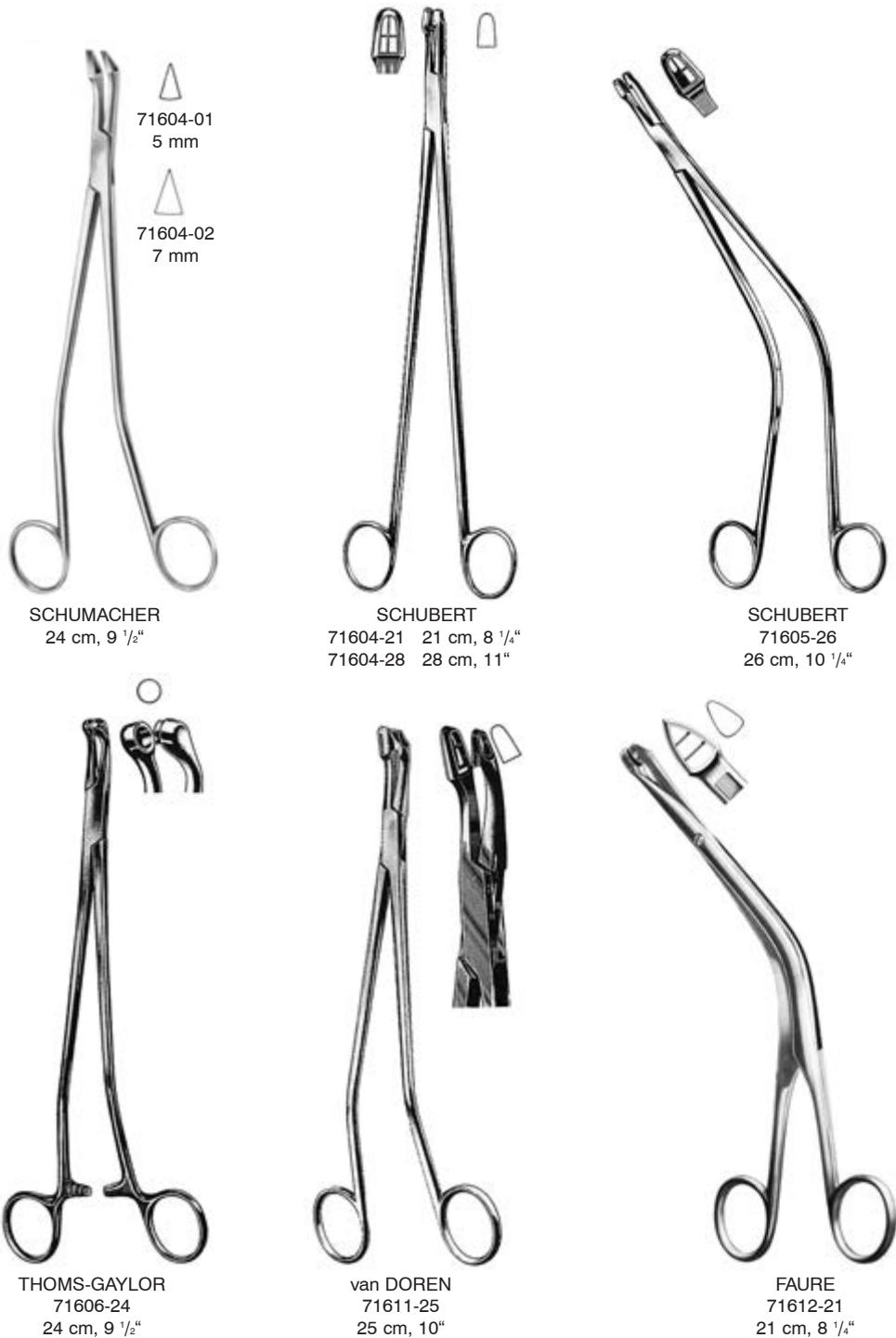
HEANY
 71593-00
 22,5 cm, 9"

KEVORKIAN
 4,0 mm
 30 cm, 11 3/4"

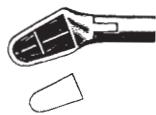
MOD. MUENCHEN
 71598-27
 27 cm, 10 1/2"

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



Uterus Biopsiezangen
 Biopsy Specimen Forceps
 Pinzas para biopsia
 Pinze per biopsia



20 cm, 8"

ALEXANDER
 71613-28

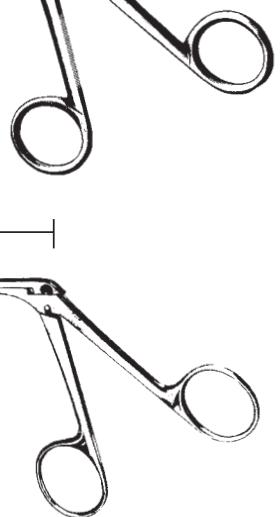


24 cm, 9 1/2"

SCHUMACHER
 71615-01 - 71615-02

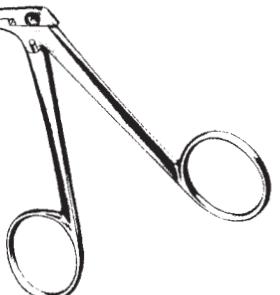
71615-01
 4 mm

71615-02
 6 mm



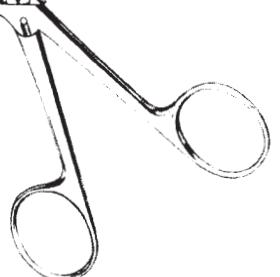
24 cm, 9 1/2"

KEVORKIAN
 71617-04



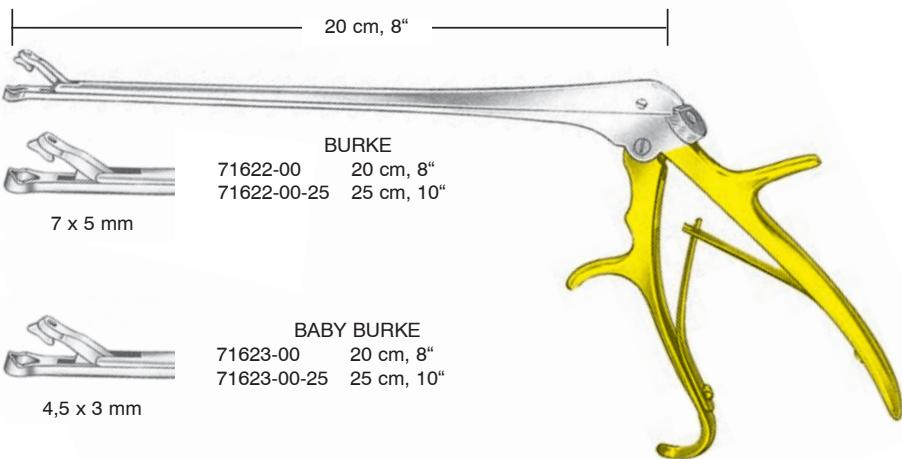
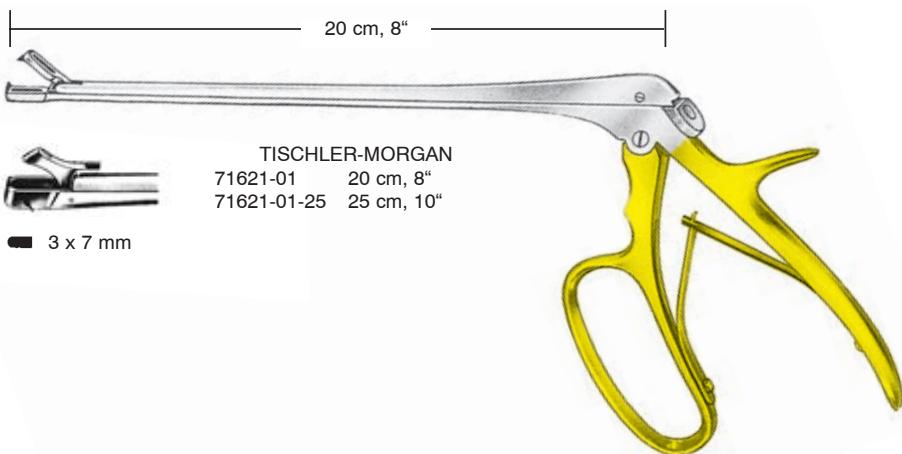
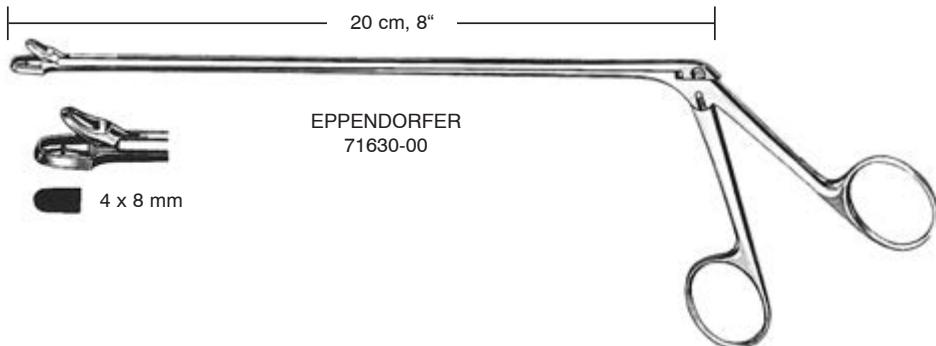
23 cm, 9"

WITTNER
 71618-23 71619-23



4 x 8 mm

Uterus Biopsiezangen
 Biopsy Specimen Forceps
 Pinzas sacabocado p. biopsia
 Pinze per biopsia



Uterus Biopsiezangen
 Biopsy Specimen Forceps
 Pinzas sacabocado p. biopsia
 Pinze per biopsia



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

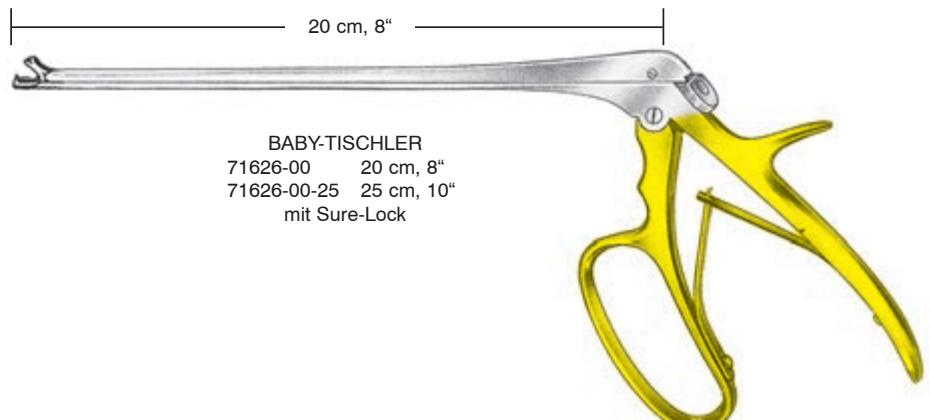
MINI-TOWNSEND-DOWN

Fig.	komplett compl. instr. Instrum. compl.	Aufsatz allein Tip only Punta sola
	Stremoento 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

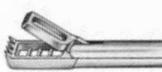
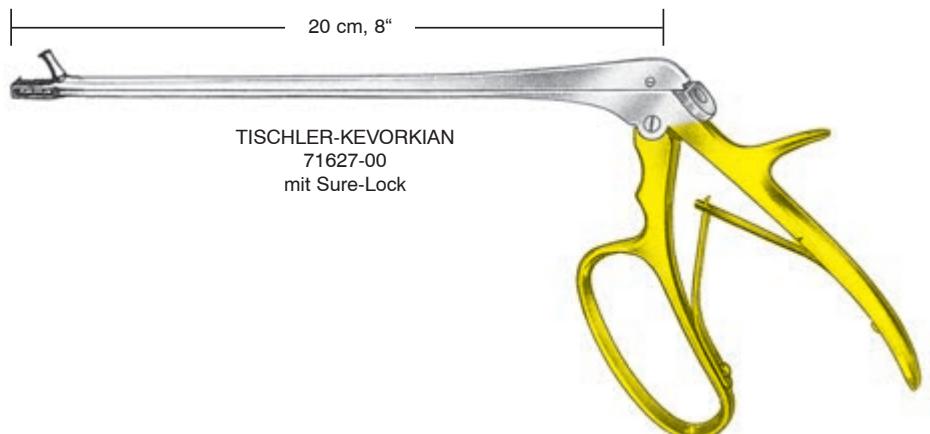
Uterus Biopsiezangen
 Biopsy Specimen Forceps
 Pinzas sacabocado p. biopsia
 Pinze per biopsia



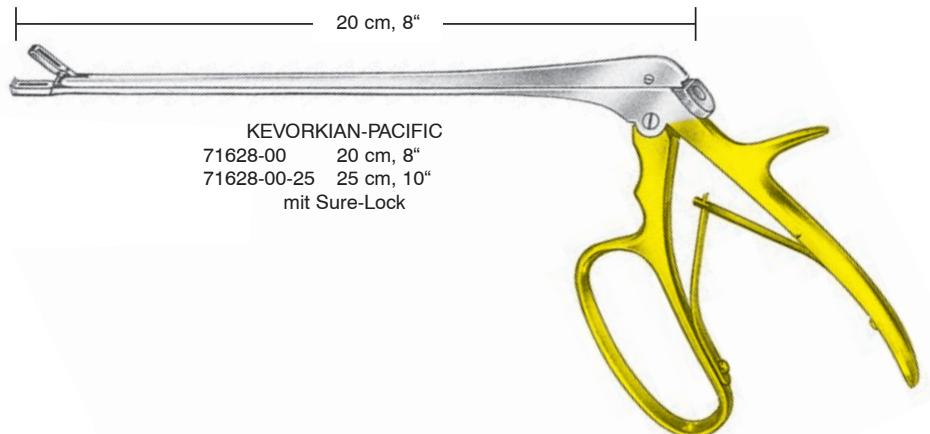
2,3 x 4,2 mm



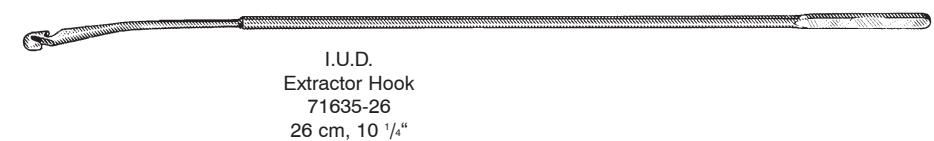
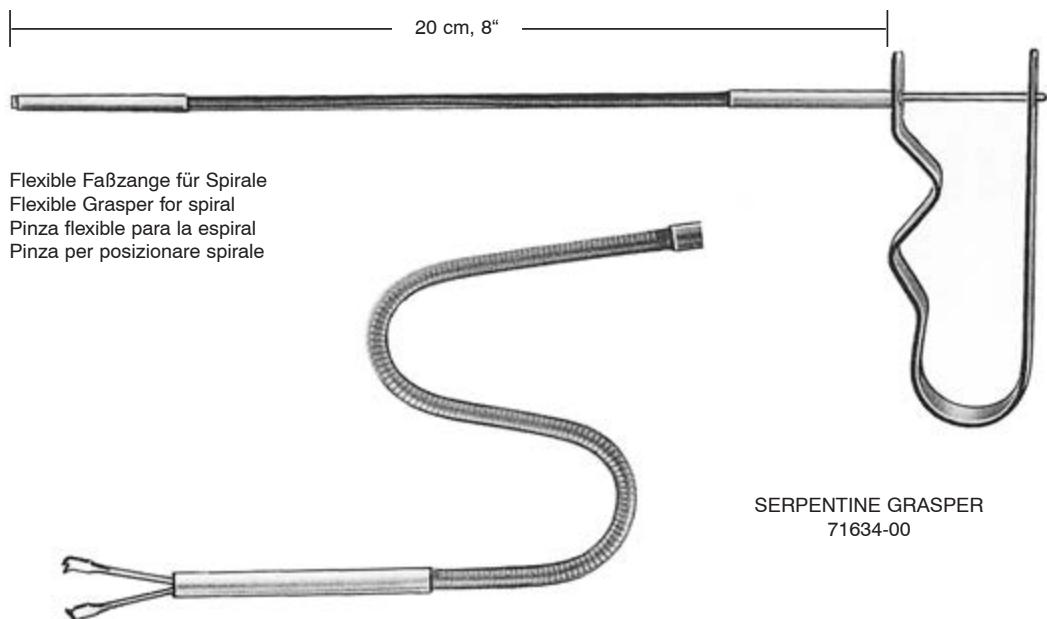
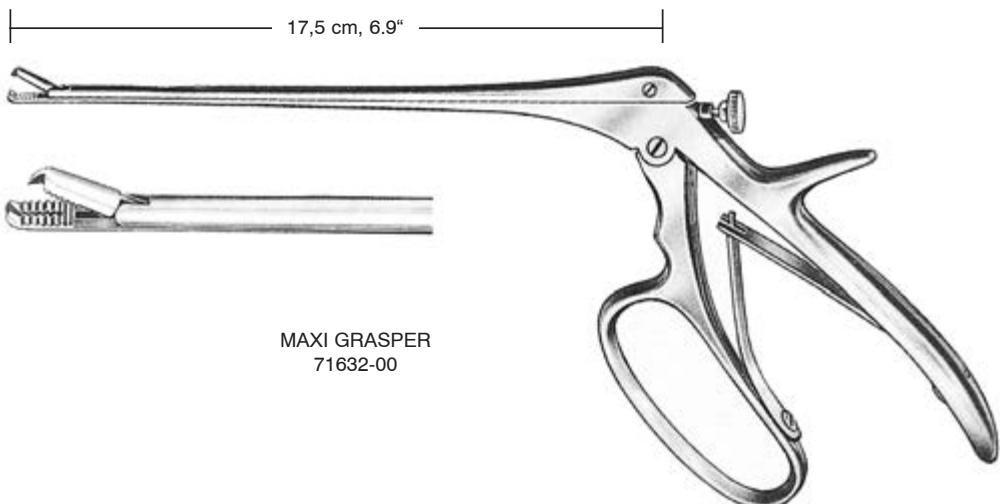
3 x 9,5 mm



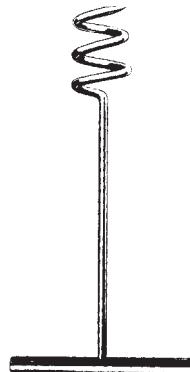
3 x 8 mm



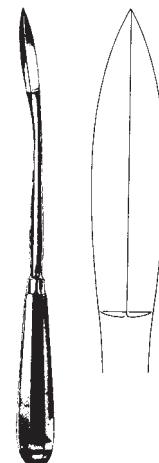
Uterus Biopsiezangen
 Biopsy Specimen Forceps
 Pinzas sacabocado p. biopsia
 Pinze per biopsia



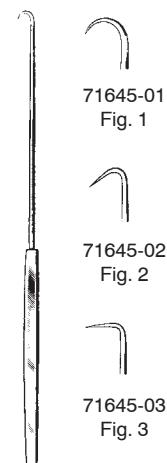
Myomheber, Myommesser, Fistelhähchen, Meßinstrumente, Uteruslöffel
 Myoma Screw, Myoma Knife, Fistula Hook, Measuring Instruments, Uterine Curettes
 Tirabuzón para fibromas, Bisturi para fibromas, Ganchos para fistulas, Instrumental para medir, Curetas uterinas
 Tiramomi, Bisturi per fibromi, Uncini per fistole, Strumenti per misure, Curette uterine



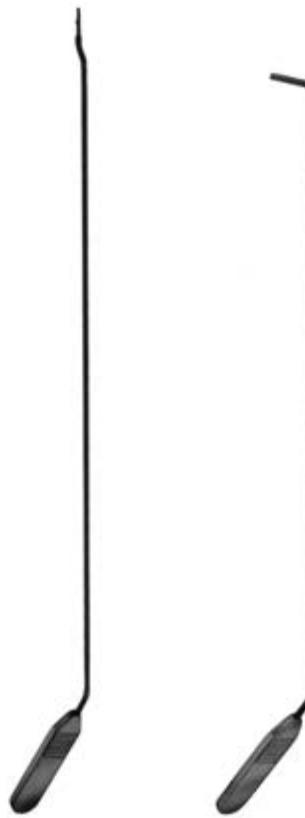
DOYEN
71641-17
17 cm, 6 3/4"



SEGOND
71643-27
27 cm, 10 1/2"



EMMET
71645-01 - 71645-03
22 cm, 8 3/4"



71646-01

71646-02

scharf
sharp
cortante
tagliente

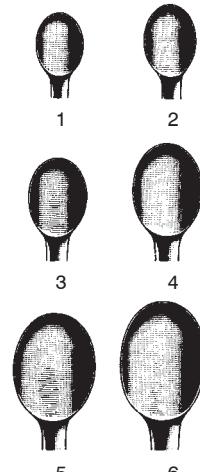


Fig. SIMON

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"



71703-01
6,8 mm



71703-02
8,5 mm



71703-03
10 mm



71703-04
11,5 mm



71703-05
13 mm



71703-06
14,5 mm

scharf/stumpf
sharp/blunt
cortante/roma
tagliente/smussa



BLAKE
71704-27
27 cm, 10 1/2"

Salpingograph
Salpingograph
Salpingógrafo
Salpingografo

71650-06

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
- 71650-07 1 Recordspritze mit Luer-Lock Ansatz 10cc

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
- 71650-07 1 syringe record with Luer-Lock 10cc

Salpingógrafo compuesto de:

- 71650-01 1 cateter de tubo
- 71650-02 1 pieza de conexión
- 71650-03 1 manometro
- 71650-04 1 cono pequeño
- 71650-05 1 cono mediano
- 71650-06 1 cono grande
- 71650-07 1 jeringa con conexión Luer-Lock 10cc

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
- 71650-07 1 Siringa record con raccordo Luer-Lock 10cc

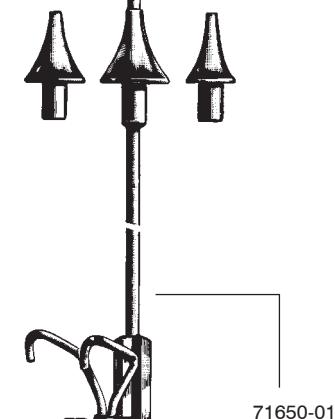
71660-00
Schultze Salpingograph, jedoch ohne Manometer

Schultze Salpingograph without manometer

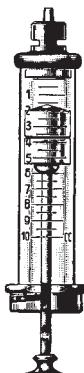
Schultze Salpingografo sin manometro

Schultze Salpingografo senza manometro

71650-05 71650-04



71650-07



71650-01

71650-02

— 71650-03

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	sharp	cort.	tagl.	Fig.	mm	smussa
fest	71710-05	00	5,0	71715-05			
rig.	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	sharp	cort.	tagl.	Fig.	mm	smussa
fest	71720-05	00	5	71725-05			
rig.	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			

BUMM

71730-30 - 71737-40

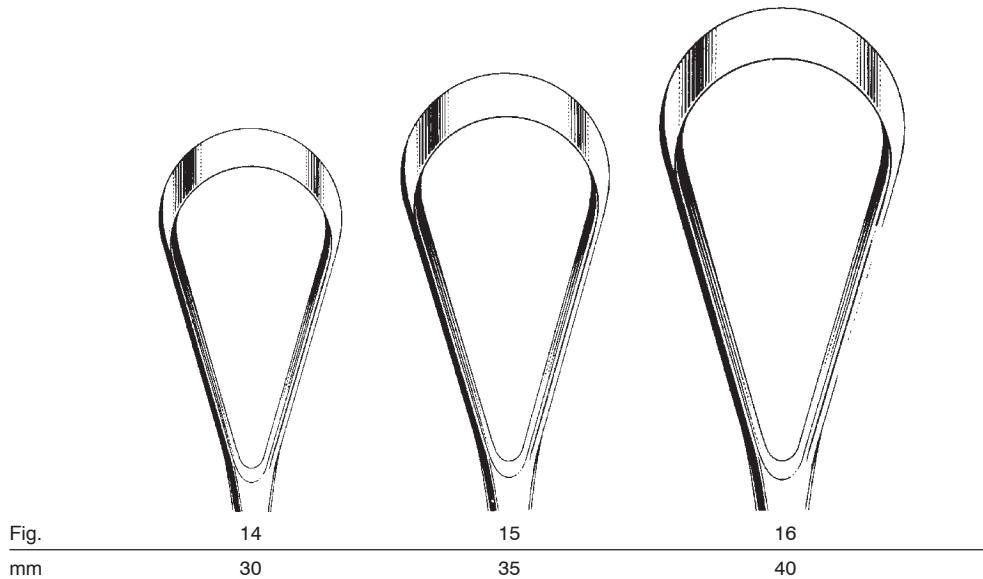
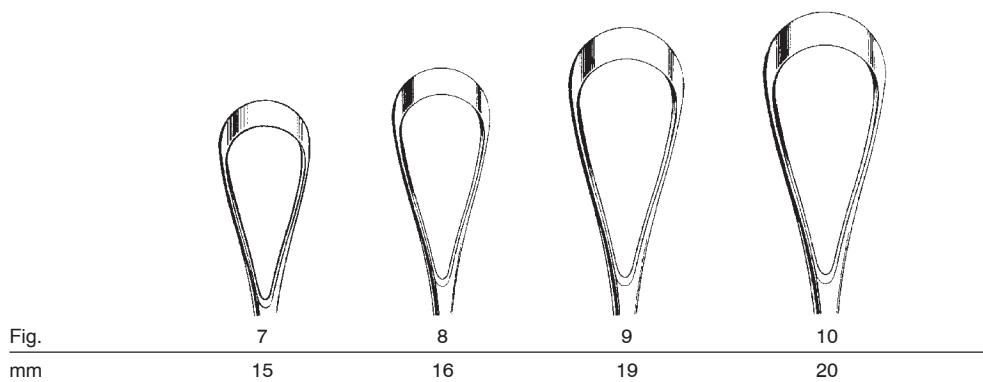
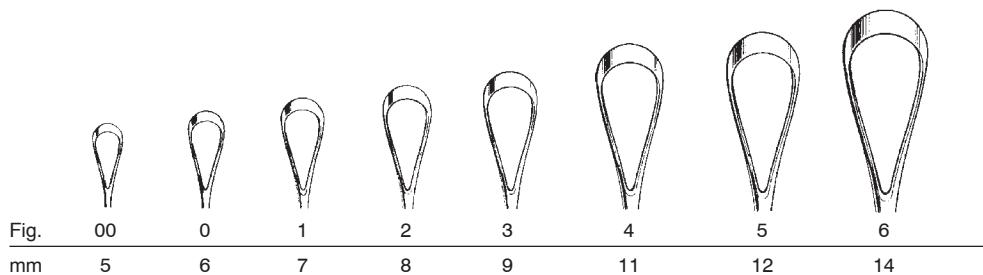
35 cm, 13 3/4"

	scharf	sharp	cort.	tagl.	Fig.	mm	smussa
fest	71730-30	14				71735-30	
rig.	71730-35	15				71735-35	
	71730-40	16				71735-40	

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			

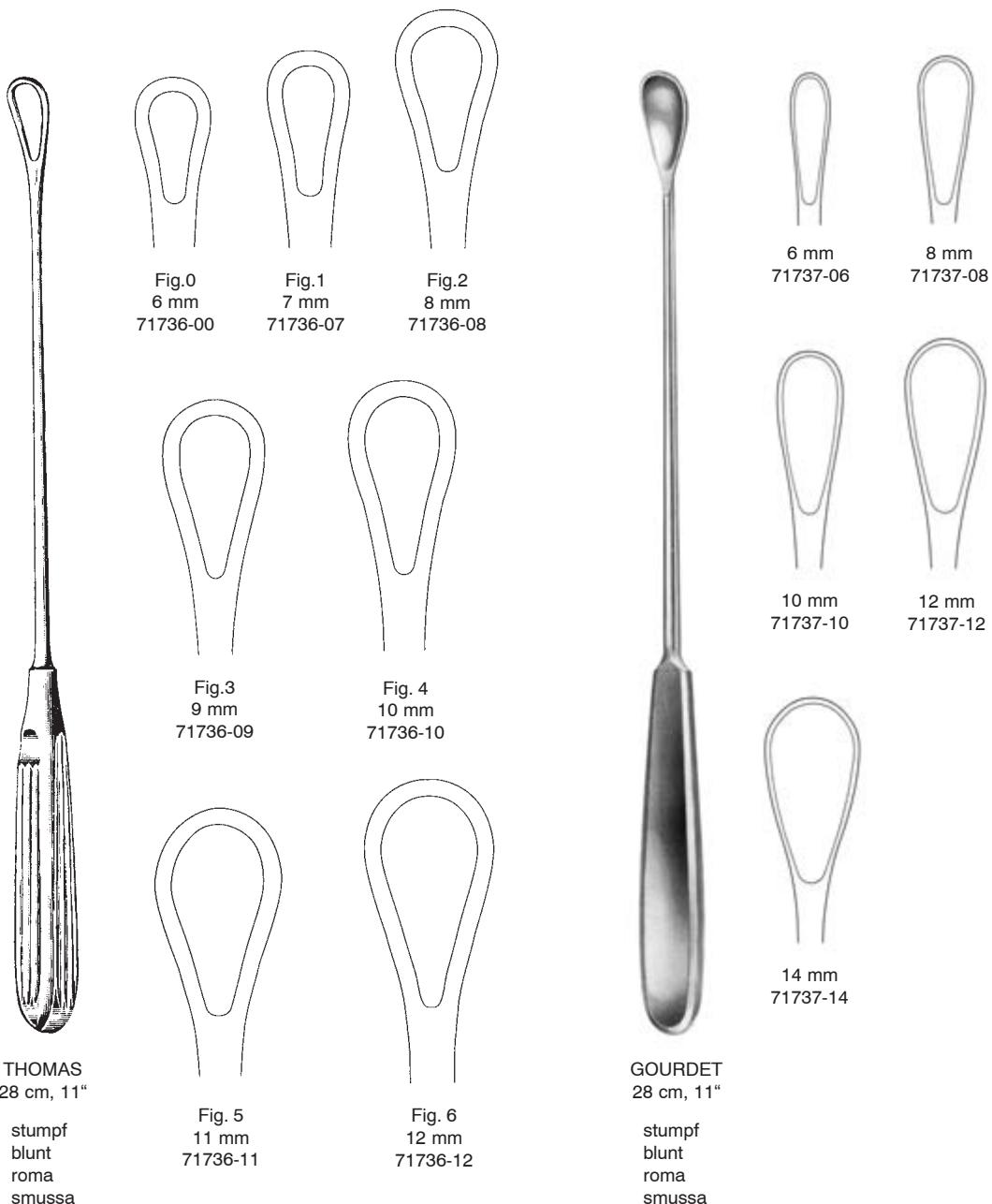
flexibel	71732-30	14		71737-30		
flexible	71732-35	15		71737-35		
fless.	71732-40	16		71737-40		

Uterus-Küretten
Uterine Curettes
Curetas uterinas
Curette uterine

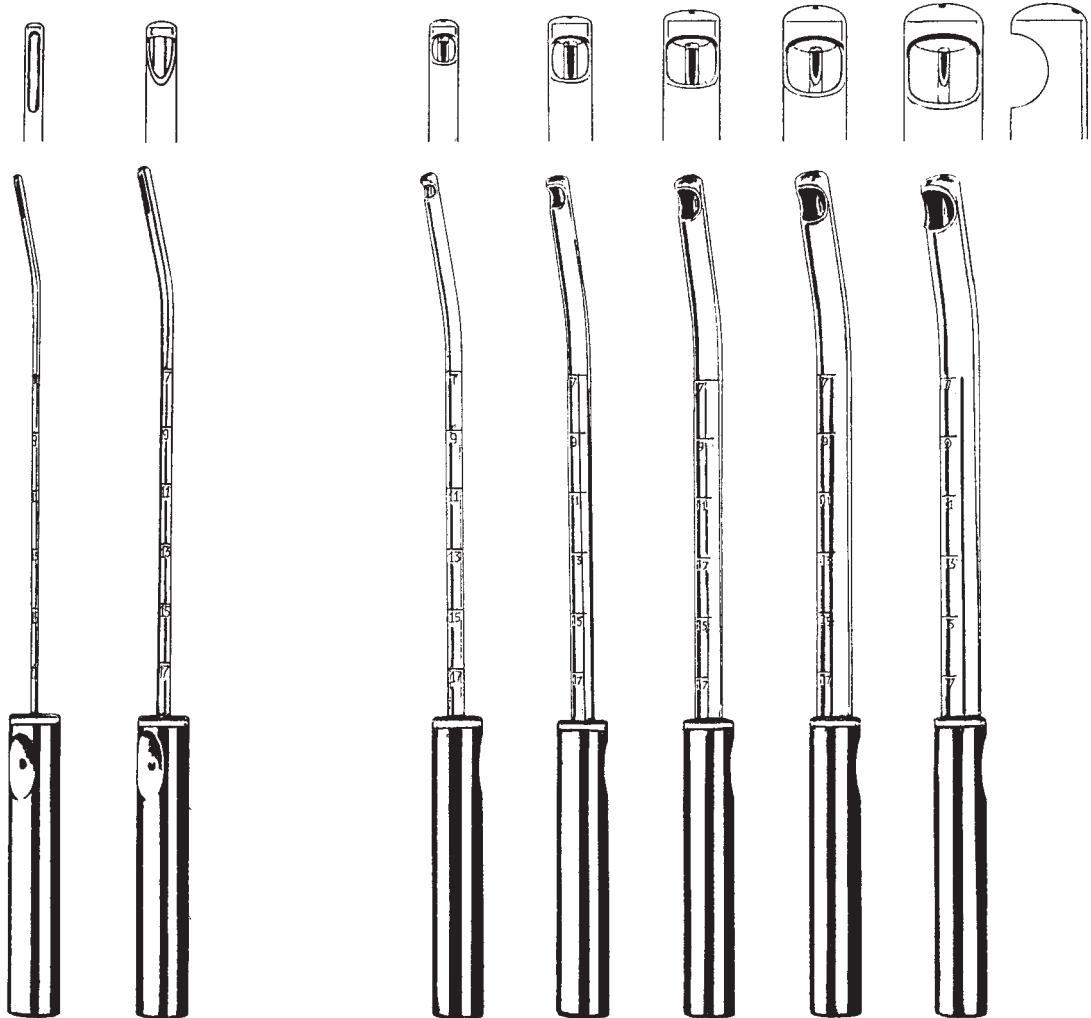


SIMS
RECAMIER
BUMM
71710-05 - 71735-28

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



71803-15

Amnioskope
Amnioscope
Amnioscopio
Amnioscopio



71810-12 12 x 24 mm Ø 20 cm, 8"
71810-16 16 x 24 mm Ø 20 cm, 8"
71810-20 20 x 24 mm Ø 20 cm, 8"

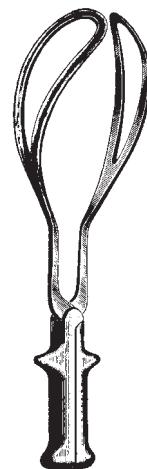


71810-50
Kaltlichtklammer
Cold Light clamp
Adaptador de iluminacion
Adattore di illuminazione

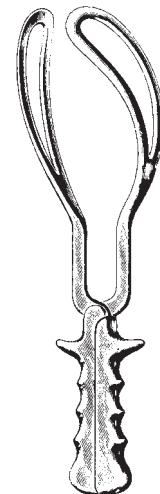
Geburtszangen
Obstetrical Forceps
Forcips obstétricos
Forcipi



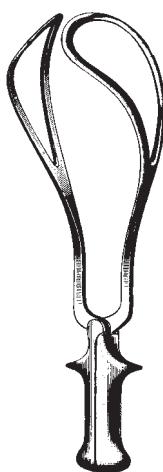
WRIGLEY
73101-23
23 cm, 9"



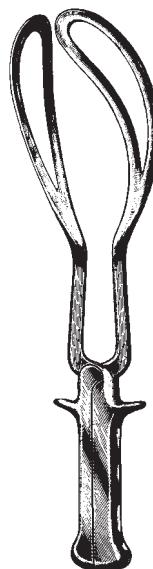
SIMPSON
73102-30
30 cm, 11 3/4"



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"
73108-39 39 cm, 15 1/2"

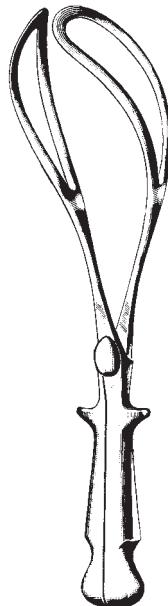


KIELLAND
73110-41
41 cm, 16"

Geburtszangen
Obstetrical Forceps
Forceps obstétricos
Forcipi



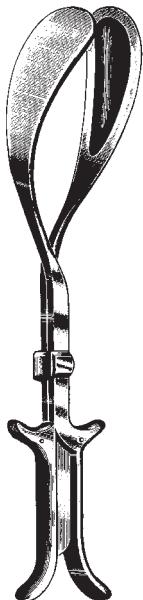
ELLIOT
73115-32 32 cm, 12 $\frac{3}{4}$ "
73115-38 38 cm, 15"



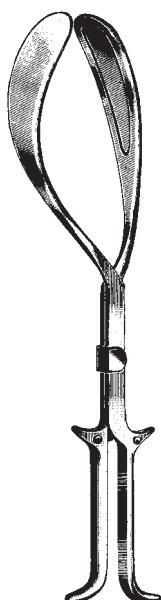
NAEGELE
73119-36 36 cm, 14"
73119-40 40 cm, 15 $\frac{3}{4}$ "



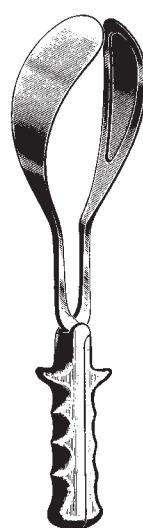
THIERRY
73123-39 39 cm, 15 $\frac{1}{2}$ "



LUIKART
73125-40
40 cm, 15 $\frac{3}{4}$ "

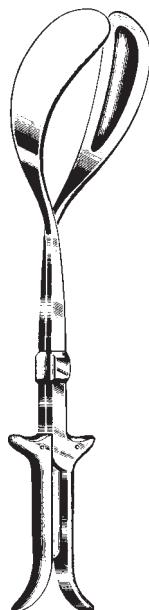


KIELLAND-LUIKART
73127-40
40 cm, 15 $\frac{3}{4}$ "

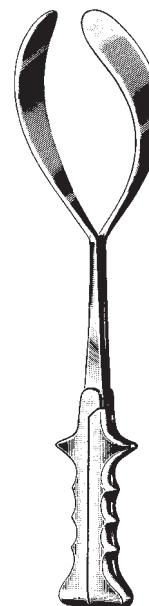


SIMPSON-LUIKART
73135-36
36 cm, 14"

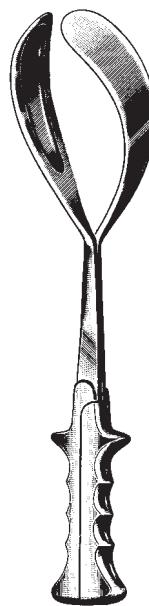
Geburtszangen
Obstetrical Forceps
Forcips obstétricos
Forcipi



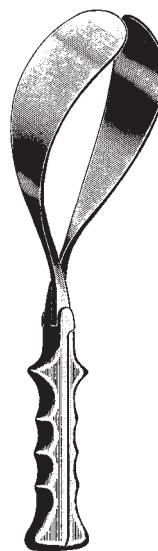
McLEAN-TUCKER-LUIKART
73139-40
40 cm, 15 3/4"



McLEAN-TUCKER
73141-39
39 cm, 15 1/2"

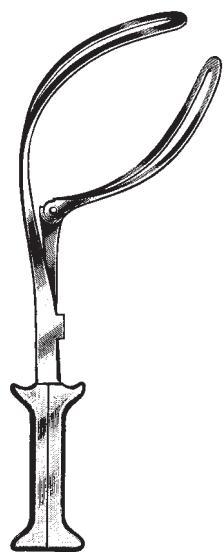


McLEAN-LUIKART
73143-39
39 cm, 15 1/2"

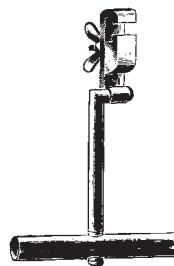


McLEAN
73145-36
36 cm, 14"

Geburtszangen, Zughebel
Obstetrical Forceps, Traction Handle
Forceps obstétricos, Dispositivos de tracción
Forcipi, Leve per trazione



BARTON
73147-36
36 cm, 14"

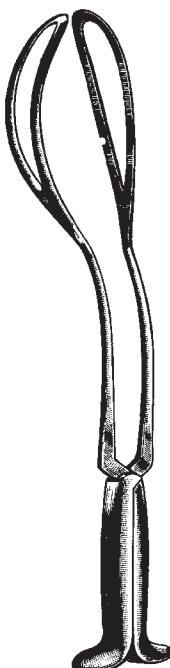


BARTON
73148-17
17 cm, 6 3/4"

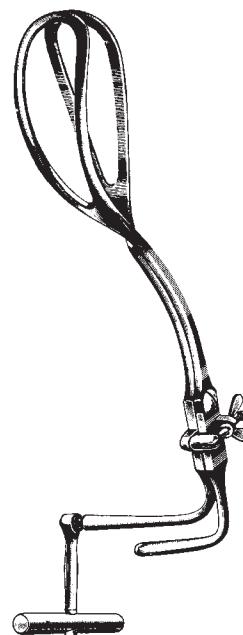
Geburtszangen, Zughebel
Obstetrical Forceps, Traction handles
Forcips obstétricos, Dispositivos de tracción
Forcipi, Leve per trazione



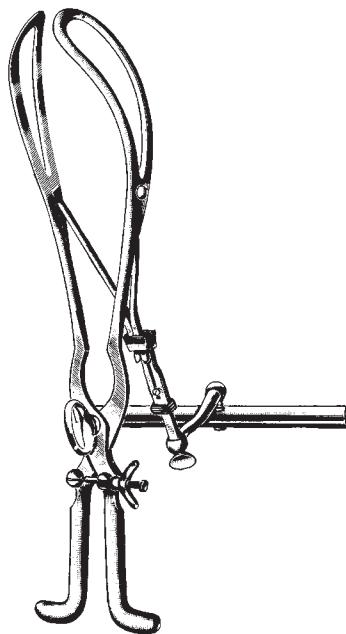
BOERMA
73151-29
29 cm, 11 1/2"



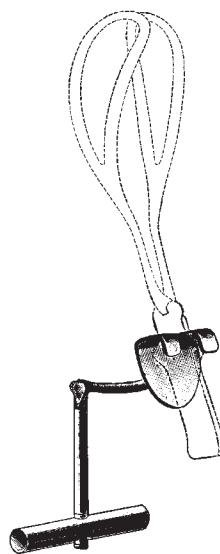
PIPER
73155-44
44 cm, 17 1/4"



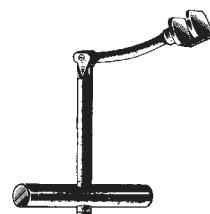
PIPER
73157-40
40 cm, 15 3/4"



TARNIER
73162-40
40 cm, 15 3/4"



BILL
73170-00
21 cm, 8 1/4"



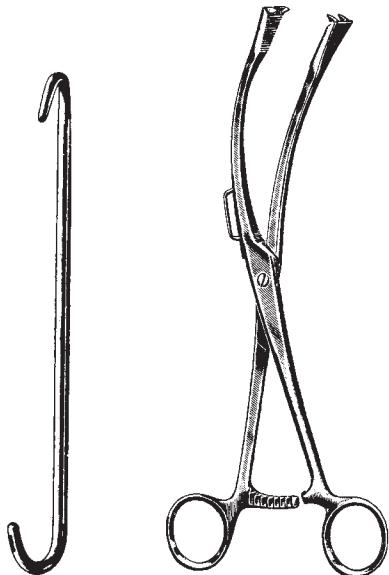
LUIKART-BILL
73171-21
21 cm, 8 1/4"

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



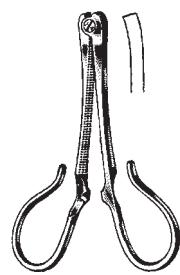
SMELLIE
73181-33
33 cm, 13"

GAUSS
73183-27
27 cm, 10 1/2"

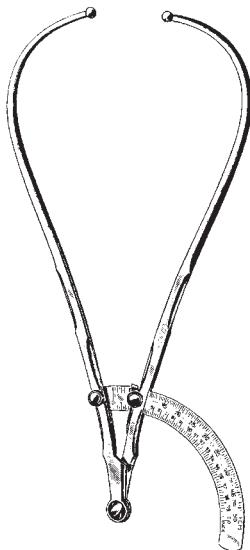
GREEN-ARMYTAGE
73184-21
21 cm, 8 1/4"



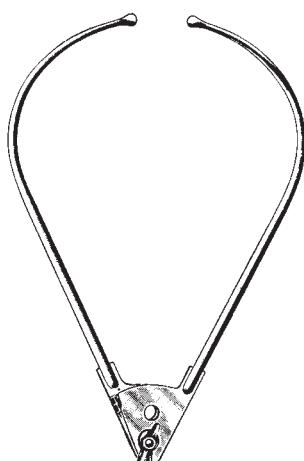
COLLIN
73187-09
9 cm, 3 1/2"



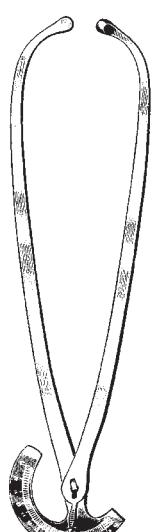
KANE
73189-09
8,5 cm, 3 1/4"



MARTIN
73191-34
34 cm, 13 1/2"

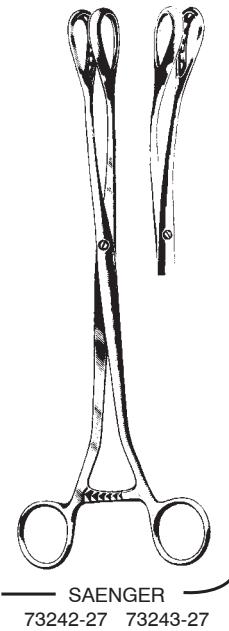


COLLIER
73193-30
30 cm, 11 3/4"

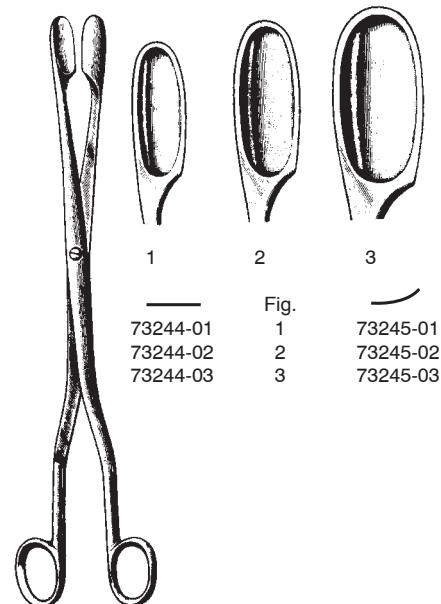


COLLIN
73195-35
35 cm, 14"

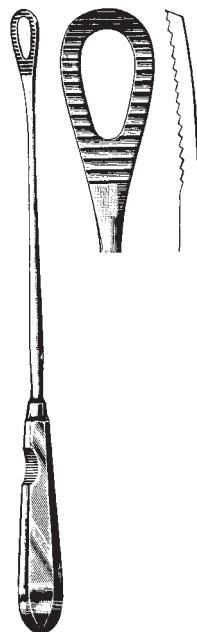
Abortuszangen, Abortuslöffel
 Ovum Forceps, Abortion Scoops
 Pinzas para aborto, Cucharillas para aborto
 Ostetricia, Curette per aborto



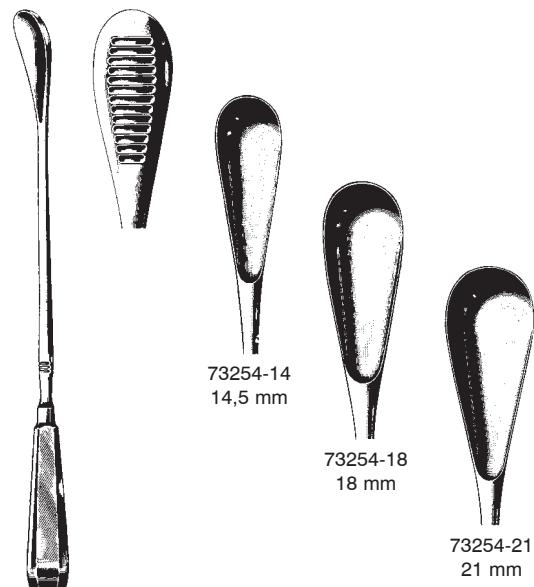
SAINGER
 73242-27 73243-27
 27 cm, 10 1/2"



WINTER
 73244-01 - 73245-03
 28 cm, 11"

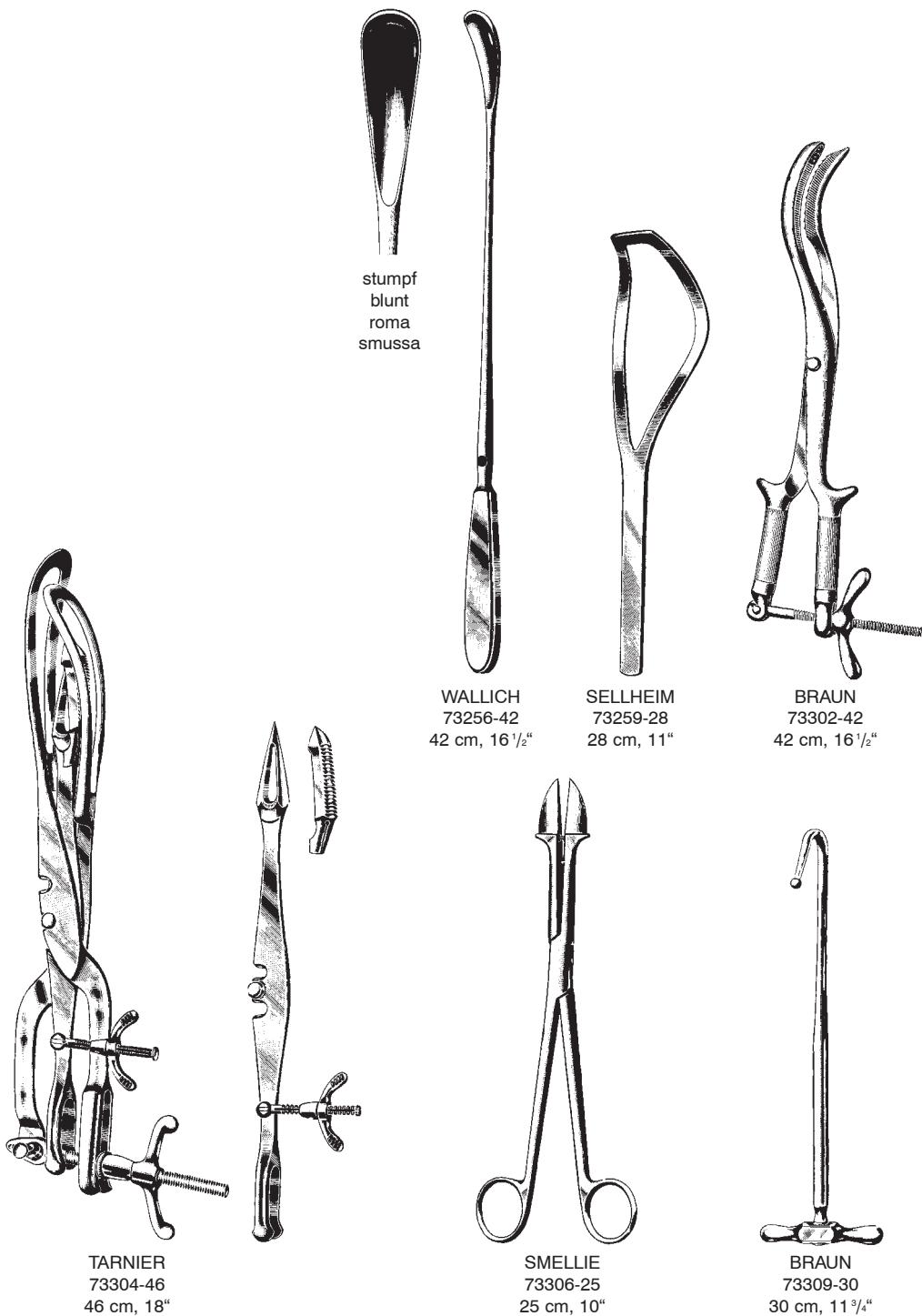


PESTALOZZA
 73252-30
 30 cm, 11 3/4"



CUZZI
 73254-14 - 73254-21
 30 cm, 11 3/4"

Abortuslöffel, Geburtslöffel, Kraniklast, Basiotrip, Perforatorium, Dekapitationshaken
 Abortion Scoops, Elevating Spoon, Cranioclast, Basiotribe, Perforators, Decapitaiting hook
 Cucharillas para aborto, Separador obstetrico, Craneoclasto, Basiotribo, Perforacráneos, Gancho para decapitación
 Curette per aborto, Cucchiaio Ostetrico, cranioclasto, Basiotribo, spezzacrani, Uncino per decapitazione



TARNIER
73304-46
46 cm, 18"

SMELLIE
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"

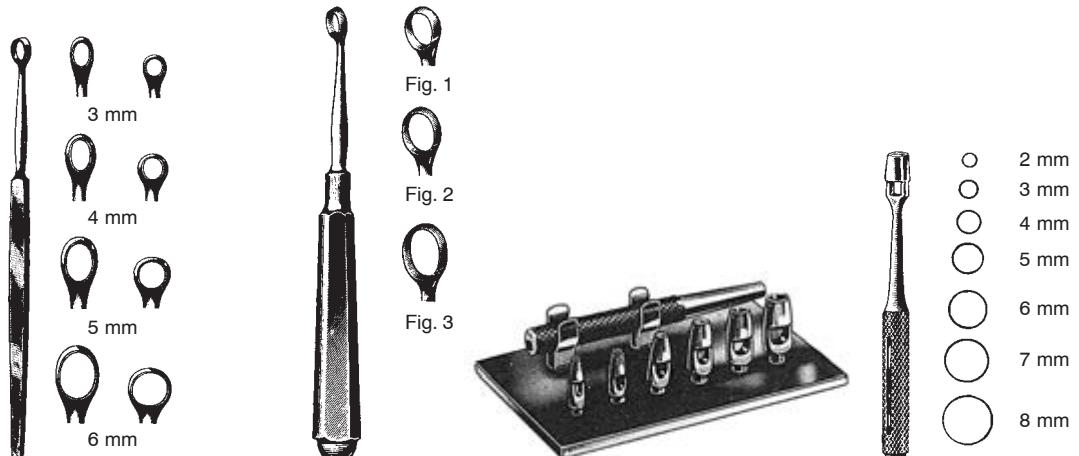
SCHAMBERG
75111-10
10 cm, 4"

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 3/4"
75130-01 Fig. 1
75130-02 Fig. 2
75130-03 Fig. 3

75138-00

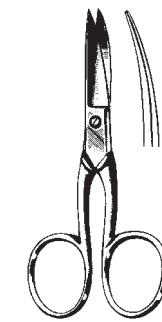
Satz komplett mit 6 Aufsätzen
 Set complete with 6 tips
 Juego con 6 puntas
 Serie completa con 6 trefini

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



75301-10



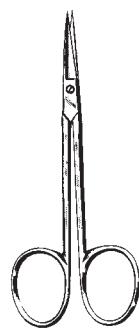
75304-10 10 cm, 4" 75305-10

75331-14
14 cm, 5 1/2"
stainlessTURNBULL
75341-11 11,5 cm, 4 1/2"
75341-13 13,5 cm, 5 1/4"
stainless

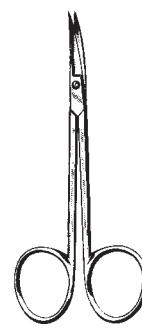
Nagelhautzangen, Hautscheren, Nagelfeilen
Cuticle Nippers, Cuticle Scissors, Nail Files
Pinzas y Tijeras cuticulares, Limas para uñas
Tronchesine per unghie e pelle, Limette per le unghie



75373-10
10,5 cm, 4"



75378-10
10 cm, 4"

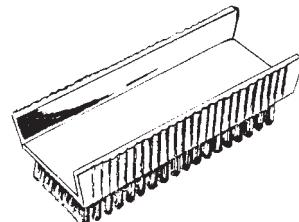
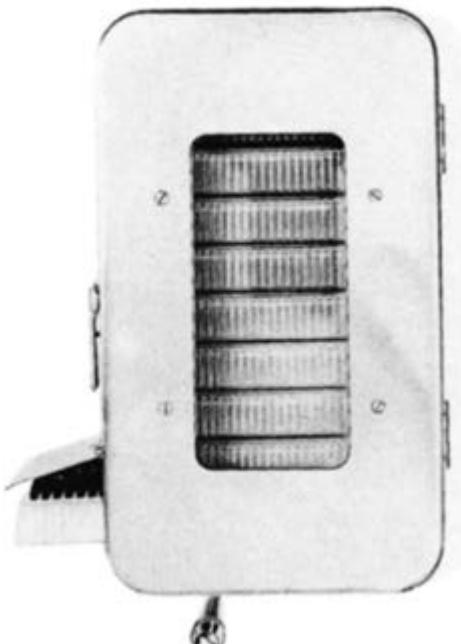


75379-10
10 cm, 4"



75382-16

Bürstenspender, Handwaschbürsten
Brush Dispensor, Nail brushes
Dispensador de cepillos, Cepillo para uñas
Distributore di spazzole, Spazzole per unghie



75397-00

Pack. à 10 St.
Box of 10 pcs
caja de 10 pzas.
confezione da 10 pezzi

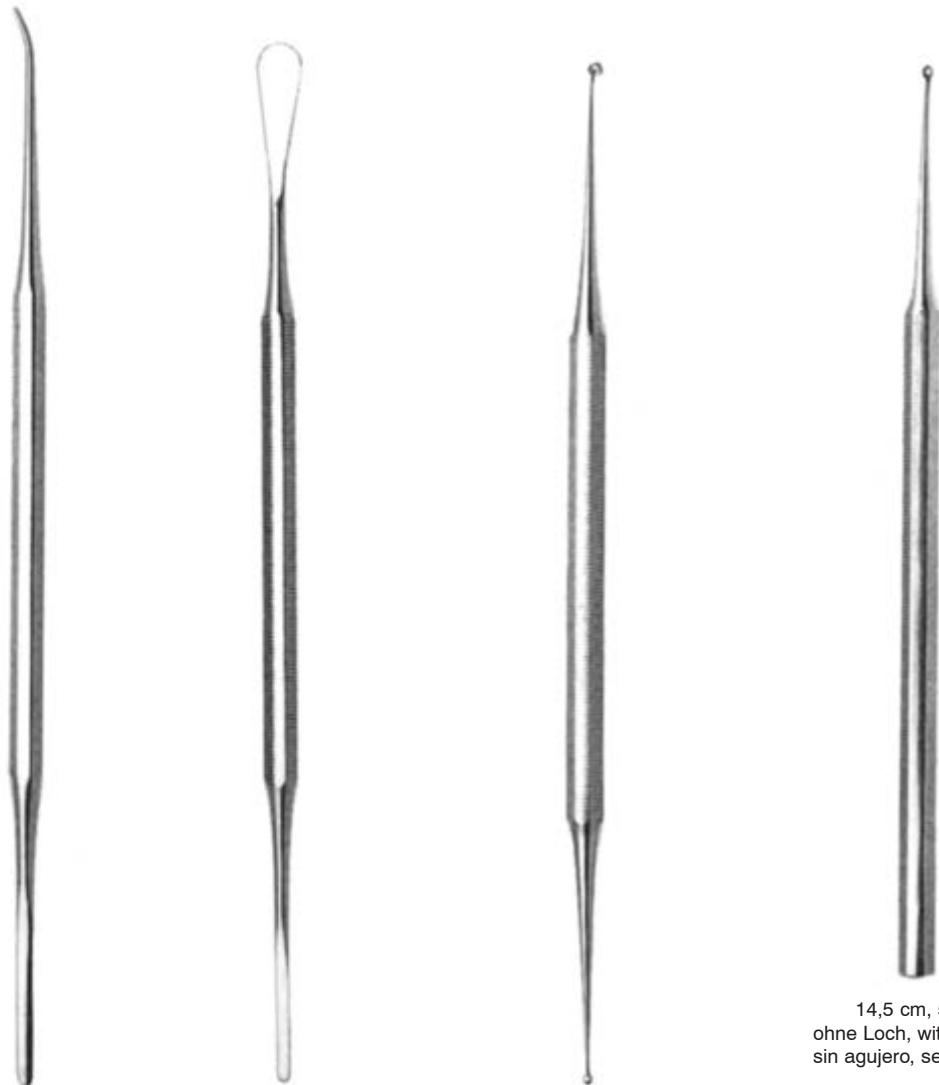
75396-01

Bürstenspender für 10 Bürsten
Brush dispensor for 10 brushes
Distribuidor de cepillos para 10 cepillos
Distributore per spazzolini da 10

75396-02

Bürstenspender für 20 Bürsten
Brush dispensor for 20 brushes
Distribuidor de cepillos para 20 cepillos
Distributore per spazzolini da 20

Hygiene
Hygiene
Higiene
Igiene



PROBE AND PACKER
75450-00
14,5 cm, 5 3/4"

SPATULA AND PACKER
75440-00
14,5 cm, 5 3/4"

mit Loch, with hole,
con agujero, con foro

75430-12 = 1,5 mm + 2 mm
75430-13 = 1,5 mm + 2,5 mm
14,5 cm, 5 3/4"

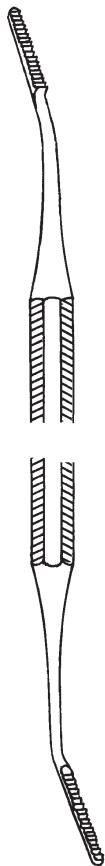
14,5 cm, 5 3/4"
ohne Loch, without hole,
sin agujero, senza foro

75400-01 = 1 mm
75400-02 = 1,5 mm
75400-03 = 2 mm
75400-04 = 2,5 mm

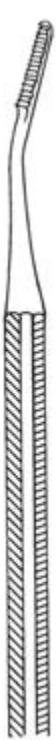
mit Loch, with hole,
con agujero, con foro

75410-01 = 1 mm
75410-02 = 1,5 mm
75410-03 = 2 mm
75410-04 = 2,5 mm

Hygiene
Hygiene
Higiene
Igiene



75410-15
17,5 cm, 6 3/4"



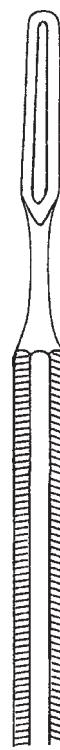
75420-15
15 cm, 6"



75430-01
12,5 cm, 5"



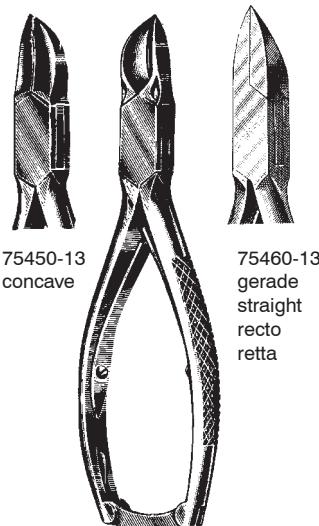
75440-11
11,5 cm, 4 1/2"



INGROWN
75445-12
12,5 cm, 5"

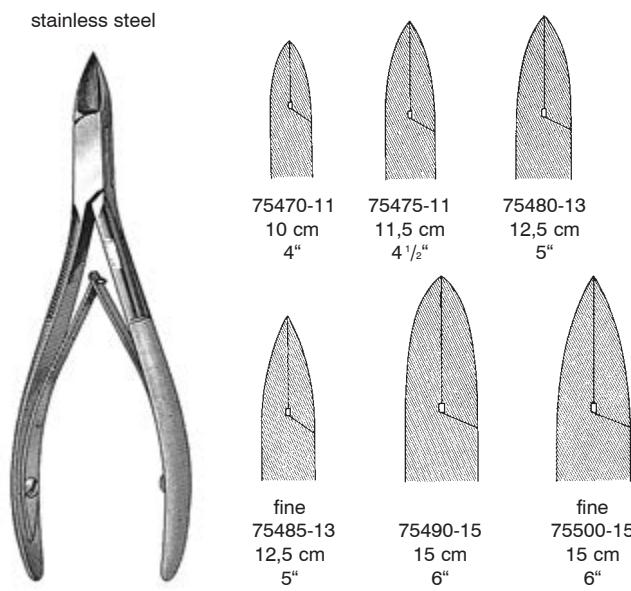
Nagelzangen
Nail Nippers
Alicates corta-uñas
Tronchesini per unghie

stainless steel



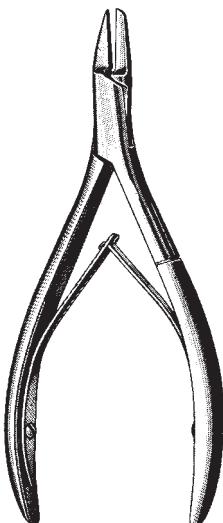
14,5 cm, 5 $\frac{3}{4}$ "

stainless steel



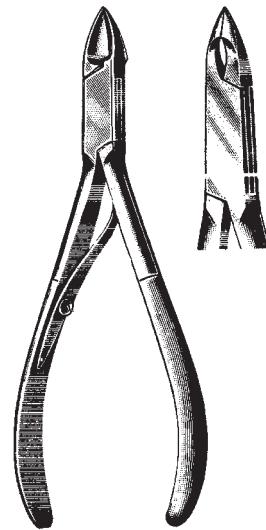
Nagelzangen
Nail Nippers
Alicates corta-uñas
Tronchesini per unghie

stainless steel



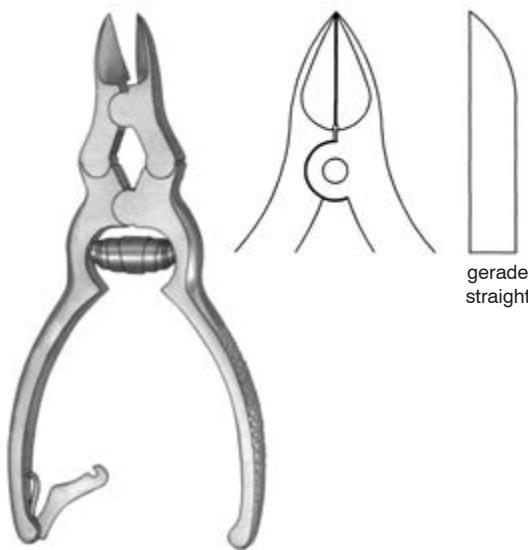
ANVIL
75550-13
13 cm, 5 1/8"

stainless steel



75600-10
10 cm, 4"

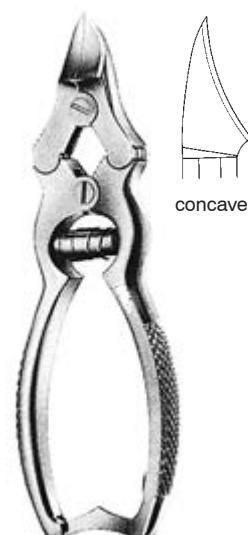
stainless steel



75618-15
15,2 cm, 6"

gerade
straight

stainless steel



75620-15
15,5 cm, 6"

concave

Nagelzangen, Nagelpaltscheren
Nail Nippers, Nail splitting scissors
Alicates corta-uñas, Tijeras para hender uñas
Tronchesini per unghie, Forbici per staccare unghie

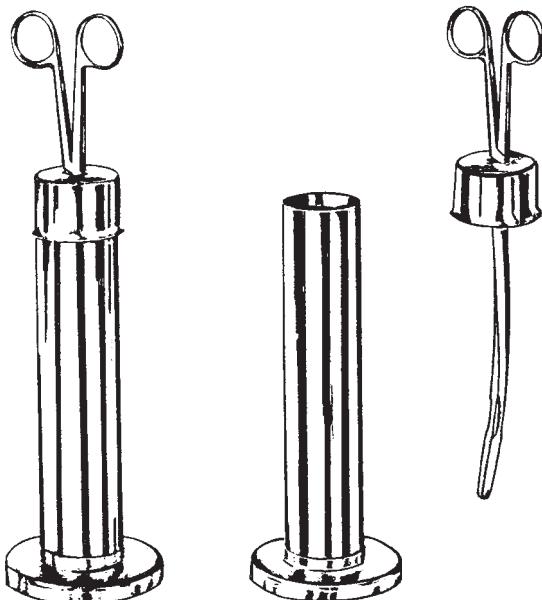


75630-12
12 cm, 4 3/4"



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 3/4"



89112-65
 65 x 15 mm



89113-65



89114-00
 150 x 95 x 13 mm



89115-50 50 x 25 x 4,5 mm
 89115-65 65 x 42 x 8,0 mm
 89115-75 75 x 25 x 4,5 mm



89116-50 50 x 25 x 4,5 mm
 89116-65 65 x 42 x 8,0 mm
 89116-75 75 x 25 x 4,5 mm



Instrumentenkästen
Instrument Boxes
Cajas para instrumentos
Scatole per strumenti



Abmessungen in mm

Sizes in mm

tamaños en mm

misura in mm

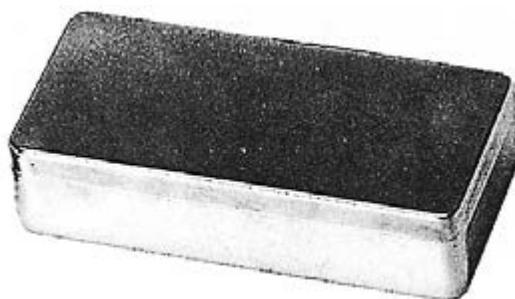
I x b x h mm

400x200x80

89121-40

500x270x70

89121-50



Abmessungen in mm

Sizes in mm

tamaños en mm

misura in mm

Deckel ohne Knopf

lid without knob

tapa sin botón

coperchio senza bottone

I x b x h mm

165x 85x35

89122-16

200x100x50

89122-21

260x150x50

89122-26

300x200x50

89122-30

Bereitschaftskästen
 Storage cases
 Cajas para almacenaje
 Scatole per magazzinaggio



Abmessungen in mm (l x b x h)

Sizes in mm (l x b x h)

tamaños en mm (l x f x a)

misura in mm (l x l x a)

Behälter

Containers

Recipientes

Recipienti

Satz Spezialfilter (5 Paar)

Set of spezial filters (5 pairs)

Juego de filtros especiales (5 pares)

Set die 5 paia di filtri speciali

230 x 130 x 50

89124-23

89126-23

260 x 150 x 50

89124-26

89126-26

275 x 235 x 50

89124-27

89126-27

300 x 200 x 50

89124-30

89126-30

325 x 275 x 50

89124-32

89126-32

420 x 175 x 50

89124-42

89126-42

230 x 130 x 75

89125-23

89127-23

260 x 150 x 75

89125-26

89127-26

300 x 200 x 75

89125-30

89127-30

325 x 275 x 75

89125-32

89127-32

420 x 175 x 75

89125-42

89127-42

Schüsseln
Bowls
Cubetas
Scondelle

18/10
Stainless Steel
Acero inoxidable
Acciaio inossidabile

matt
satin finish
pulidas mate
opaco



Abmessungen in mm sizes in mm	Inhalt capacity	
Tamaños en mm	capacidad	
misura in mm	capacità	
Ø x h	l	
40x19	0,05	89127-04
61x30	0,07	89127-06
80x40	0,14	89127-08
116x50	0,35	89127-11
128x55	0,45	89127-12
147x65	0,70	89127-14
167x75	1,10	89127-16
187x85	1,60	89127-18

Abmessungen in mm sizes in mm	Inhalt capacity	
Tamaños en mm	capacidad	
misura in mm	capacità	
Ø x h	l	
100x30	0,15	89129-11



	mm x mm	l
89133-16	165 x 60	0,75
89133-17	175 x 70	1,00
89133-22	220 x 80	2,00
89133-24	240 x 110	3,00
89133-31	310 x 120	6,00
89133-34	345 x 125	8,50
89133-38	380 x 130	11,00

89139-17	170 x 100 x 35 mm	0,50 l
89139-25	250 x 140 x 40 mm	1,25 l
89139-27	275 x 150 x 45 mm	2,25 l

Meßbecher, Dose, Standgefäß, Mehrzweckschalen
 Graduated Measures, Box, Jars, Universal Trays
 Copas graduadas, Recipientes, Tarros, Bandejas para instrumentos
 Bicchieri graduati, Recipienti, Recipienti cilindrici, Bacinelle per strumenti



	I
0,25	89140-02
0,5	89140-05
1,0	89140-10
2,0	89140-20



89141-10
100 x 20 mm



18/10
 Stainless Steel
 Acero inoxidable
 Acciaio inossidabile

matt
 satin finish
 pulidas mate
 opaco



89147-21 - 89147-42

	mmxmm
89142-01	30x 90
89142-02	50x100
<u>89142-03</u>	50x130
89142-04	50x175
89142-05	75x100
<u>89142-06</u>	75x130
<u>89142-07</u>	75x175



	I x b x h
89147-21	210x160x10 mm
89147-24	240x180x10 mm
89147-30	310x150x10 mm
89147-31	310x210x10 mm
89147-35	350x240x10 mm
89147-40	400x270x20 mm
89147-42	420x280x10 mm

	I x b x h
89145-23	230x155x30 mm
89145-30	300x175x30 mm
89145-31	300x175x40 mm
89145-35	350x240x36 mm

89145-23 - 89145-40

Wattledosen, Medizinlöffel, -becher
 Cotton wool containers, Medicine Spoon and Cups
 Distribuidores de algodón, Cuchara graduada, Vasos graduados
 Vaso portacotone, Cucchiaio per medicinali, bicchieri per medicinali



mit Deckel
 with Lid
 Tapa
 Coperchio



89146-20 20 cc
 110 x 20 mm

	Ø	h	l
89143-00	6 cm	6 cm	0,15 l
89143-01	8,5 cm	8,5 cm	0,4 l
89143-02	8,5 cm	12,5 cm	0,6 l
89143-03	8,5 cm	5 cm	0,25 l
89143-04	10 cm	10 cm	0,75 l
89143-05	10 cm	5 cm	0,35 l
89143-06	12 cm	12 cm	1,25 l
89143-07	15 cm	15 cm	2,5 l
89143-08	15 cm	10 cm	1,75 l
89143-09	20 cm	20 cm	6 l
89143-10	20 cm	10 cm	3 l



89147-10 100 cc
 89147-25 250 cc



89148-25 25 cc
 89148-50 50 cc

Stechbecken, Plazentabecken, Sputumbecher
Bed Pan, Placenta Pan, Sputum Cup
Silleta, Cubeta para placenta, Escupidera
Padella, bacinella per placenta, Sputacchiera



89148-31
ø 310 mm



89148-32



89148-35
350 x 290 x 90 mm



89150-30
90 x 80 mm

Verbandstofftrommel, Sterilisiersiebkorb
 Sterilizing Drums, Sterilization Trays
 Tambores p. esterilización, Cestas de esterilización
 Tamburi p. sterilizzazione, Cestelli per sterilizzazione

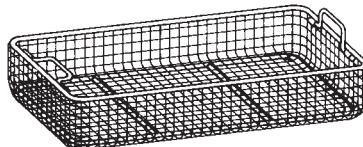


SCHIMMELBUSCH

Ø

mmxmm

89152-08	125x 80	
89152-10	125x100	
89152-12	125x125	
89155-08	150x 80	18/10
89155-10	150x100	Stainless Steel
89155-13	150x130	Acero inoxidable
89155-15	150x150	Acciaio inossidabile
89155-19	150x190	Acciaio inossidabile
89159-14	190x145	
89159-16	190x165	
89159-19	190x190	
89159-24	190x240	
89164-14	240x145	
89164-16	240x165	
89164-19	240x190	
89164-24	240x240	
89164-29	240x290	
89164-34	240x340	
89164-39	240x390	
89169-14	290x145	
89169-16	290x165	
89169-19	290x190	R390.03 255x245x 30 mm
89169-24	290x240	R390.05 255x245x 50 mm
89169-29	290x290	R390.07 255x245x 70 mm
89169-34	290x340	R390.10 255x245x100 mm
89169-39	290x390	
89174-14	340x145	R190.03 485x255x 30 mm
89174-16	340x165	R190.05 485x255x 50 mm
89174-19	340x190	R190.07 485x255x 70 mm
89174-24	340x240	R190.10 485x255x100 mm
89174-29	340x290	
89174-34	340x340	R191.03 540x255x 30 mm
89174-39	340x390	R191.05 540x255x 50 mm
89179-14	390x145	R191.07 540x255x 70 mm
89179-16	390x165	R191.10 540x255x100 mm
89179-19	390x190	
89179-24	390x240	
89179-29	390x290	
89179-34	390x340	
89179-39	390x390	
89179-49	390x490	
89179-59	390x590	



Siebschalen, Endoskopiekorb
 Trays
 Bandejas
 Cestelli

Aus perforiertem Blech

From Perforated Sheet Metal

De chapa de acero perforada

In acciaio perforato

18/10

Stainless Steel

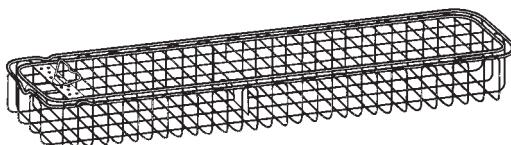
Acero inoxidable

Acciaio inossidabile



mm x mm x mm

89250-10	240 x 240 x	50
89250-20	240 x 240 x	80
89250-30	240 x 240 x	100
89250-40	480 x 260 x	50
89250-50	520 x 260 x	80
89250-60	520 x 260 x	100



für 1 Endoskop, for 1 endoscope,
 para 1 endoscopio, per 1 endoscopio

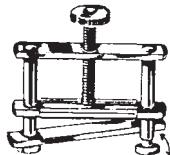
89256-29 290x80x52 mm

89256-46 460x80x52 mm

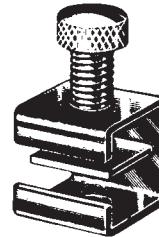
89256-67 670x80x52 mm

für 2 Endoskope, for 2 endoscopes,
 para 2 endoscopios, per 2 endoscopi rigidi
 89257-46 460x80x52 mm

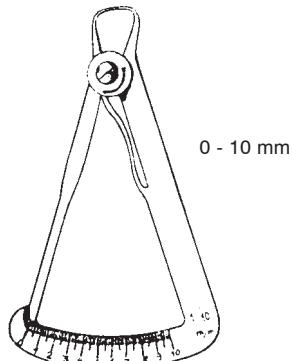
Schlauchklemmen, Messgerät, Sterilisierklammern
 Tubing Clamp, Decimal spring caliper, Safety pins
 Pinzas para tubos, calibrador decimal, Cadres de esterilizacion
 Morsetti serratubi, compasso, pinze per sterilizzazione



HOFFMANN
 89260-13 13 mm
 89260-17 17 mm
 89260-20 20 mm
 89260-25 25 mm
 89260-30 30 mm
 89260-40 40 mm



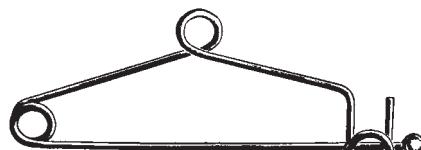
SIMPLEX
 89265-12



IWANSON
 89270-15



BUNT
 29150-12
 12 cm, 4 3/4"



MAYO
 29152-14
 14 cm, 5 1/2"

Reinigungspistole
Water Jet Pistol
Pistola-lavadora
Pistola lavatrice



89500-00
komplett mit 9 Aufsätzen
complete with 9 tips
con 9 toberas
completa con 9 raccordi



89500-01
Reinigungsaufsatz für Flaschen
Cleansing Tip for bottles
Tobera para botellas
Raccordo di lavaggio per bottiglie

89500-02
Reinigungsaufsatz für Recordspritzen-Konen
Cleansing Tip for Cones of Record Syringes
Tobera para conos de jeringas Record
Raccordo per coni di siringhe Record

89500-03
Reinigungsaufsatz für Katheter
Cleansing Tip for Catheters
Tobera para catéteres
Raccordo di lavaggio per cateteri

89500-04
Reinigungsaufsatz für Drainageschläuche
Cleansing Tip for Drainage Tubings
Tobera para tubos de drenaje
Raccordo di lavaggio per tubi di drenaggio

89500-05
Reinigungsaufsatz für Hohlgefäße (Brause)
Cleansing Tip for Receptacles (Shower)
Tobera para recipientes (ducha)
Raccordo di lavaggio per recipienti (doccia)

89500-12
Pistole allein
Pistol only
Pistola sola
Pistola sola

89500-06
Reinigungsaufsatz für Kanülen mit Recordkonus
Cleansing Tip for hypodermic needles with Record Cone
Tobera para agujas de inyección con cono Record
Raccordo di lavaggio per aghi ipodermici con cono Record

89500-07
Reinigungsaufsatz für Kanülen mit Luerkonus
Cleansing Tip for hypodermic needles with Luer Cone
Tobera para agujas de inyección con cono Luer
Raccordo di lavaggio per aghi ipodermici con cono Luer

89500-08
Reinigungsaufsatz für Meß- und Vollpipetten
Cleansing Tip for Meas. and Volumetric Pipettes
Tobera para pipetas de medida y volumétricas
Raccordo di lavaggio per pipette comuni e graduate

89500-09
Reinigungsaufsatz für feine Pipetten
Cleansing Tip for fine pipettes
Tobera para pipetas finas
Raccordo di lavaggio per pipette fine



89500-10
Reinigungsaufsatz 31 cm (12 1/4") gerade
Cleansing Tip 31 cm (12 1/4") straight
Tobera 31 cm (12 1/4") recta
Raccordo 31 cm (12 1/4") rette



89500-11
Reinigungsaufsatz 30 cm (11 3/4") aufgebogen
Cleansing Tip 30 cm (11 3/4") curved
Tobera 30 cm (11 3/4") curva
Raccordo di lavaggio 30 cm (11 3/4") curvo

89501-03
Überwurfmutter zum Anschluß an Gewindehähne
Couplings for connection to water tap
Tuercas-hembras para conexión al grifo de agua
Dadi premistoppa per connessione ai rubinetti filettati

Hochfrequenz-Chirurgie
High Frequency Surgery
Electrocirugía
Elettrochirurgia

Mindestbestellmenge 10
Minimum order quantity 10
Cantidad minima 10
Minimo di quantitativo 10



91010-01
Fig. 1



91010-02
Fig. 2 45°



91010-03
Fig. 3 120°



91010-11
Fig. 11
Ø 3 mm



91010-12
Fig. 12
Ø 5 mm



91010-13
Fig. 13
Ø 8 mm



91010-14
Fig. 14



91010-15
Fig. 15 45°
7,0x1,5 mm



91010-16
Fig. 16 45°
7 mm



91010-17
Fig. 17
6,0x1,3 mm



91010-18
Fig. 18 30°
7,0x1,7 mm



91010-21
Fig. 21
7,0x1,7 mm



91010-31
Fig. 31 45°
Ø 0,6 mm



91010-33
Fig. 33 45°
Ø 1,7 mm



91010-34
Fig. 34 45°
Ø 3,0 mm



91010-35
Fig. 35



91010-36
Fig. 36 90°
Ø 2,4 mm

Schaft
shaft
vástago
asta
Ø 2,4 mm

Hochfrequenz-Chirurgie
High Frequency Surgery
Electrocirugía
Elettrochirurgia

Mindestbestellmenge 10
Minimum order quantity 10
Cantidad minima 10
Minimo di quantitativo 10



91011-51
Fig. 51 45°
Ø 3 mm



91011-52
Fig. 52 45°
7,0x1,7 mm



91011-53
Fig. 53 45°



91011-54
Fig. 54



91011-55
Fig. 55



91011-56
Fig. 56 45°
Ø 5 mm



91011-61
Fig. 61 45°



91011-62
Fig. 62 90°

Schaft
shaft
vástago
ast
Ø 2,4 mm

Serie STANDARD



91020-01



91020-02

Schaft
shaft
vástago
asta
Ø 4 mm



91020-03



91020-04



Ø mm
5 91022-05
10 91022-10
20 91022-20



Ø mm
10 91024-10
15 91024-15
20 91024-20



Ø mm
2 91030-02
4 91030-04
6 91030-06

Schaft
shaft
vástago
asta
Ø 4 mm

Bipolare Koagulation
Bipolar Coagulation
Coagulación bipolar
Coagulazione bipolare



91102-11
11 cm, 4 $\frac{3}{8}$ "



91104-11
11 cm, 4 $\frac{3}{8}$ "



91109-11
11 cm, 4 $\frac{3}{8}$ "
45°
0.5 mm



91113-11
11 cm, 4 $\frac{3}{8}$ "
45°
0.5 mm



91115-11
11 cm, 4 $\frac{3}{8}$ "
45°
0.5 mm



91122-16
16,5 cm, 6 $\frac{1}{2}$ "
0.5 mm



91123-16
16,5 cm, 6 $\frac{1}{2}$ "
0.5 mm



91124-16
16,5 cm, 6 $\frac{1}{2}$ "
1 mm



91125-16
16,5 cm, 6 $\frac{1}{2}$ "
0.5 mm



91127-16
16,5 cm, 6 $\frac{1}{2}$ "
1 mm

Bipolare Koagulation
 Bipolar Coagulation
 Coagulación bipolar
 Coagulazione bipolare



91142-16
 16,5 cm, 6 1/2"
 1 mm



91144-16
 16,5 cm, 6 1/2"
 0.5 mm



91146-16
 16,5 cm, 6 1/2"
 1 mm



91152-19
 19,5 cm, 7 3/4"
 0.3 mm



91154-19
 19,5 cm, 7 3/4"
 1 mm



91157-19
 19,5 cm, 7 3/4"
 1 mm



91159-19
 19,5 cm, 7 3/4"
 2 mm

Bipolare Koagulation
Bipolar Coagulation
Coagulación bipolar
Coagulazione bipolare



91162-19
19,5 cm, 7 3/4"
0,3 mm



91164-19
19,5 cm, 7 3/4"
1 mm



91166-19
19,5 cm, 7 3/4"
2 mm



91172-12
1,2 mm



91172-07
0,7 mm



91172-03
0,3 mm



91167-19
19,5 cm, 7 3/4"
1 mm



91169-19
19,5 cm, 7 3/4"
1 mm



91172-03 - 91172-12
22,5 cm, 8,9"

Verbindungskabel, bipolar
Connection Cords, bipolar
Cables de conexión, bipolar
Cavi da connessione, bipolare



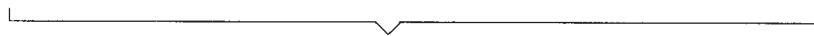
ERBE
SELECT
STORZ
3 m 118"
5 m 197"



USA Mod.
91192-30
91192-50

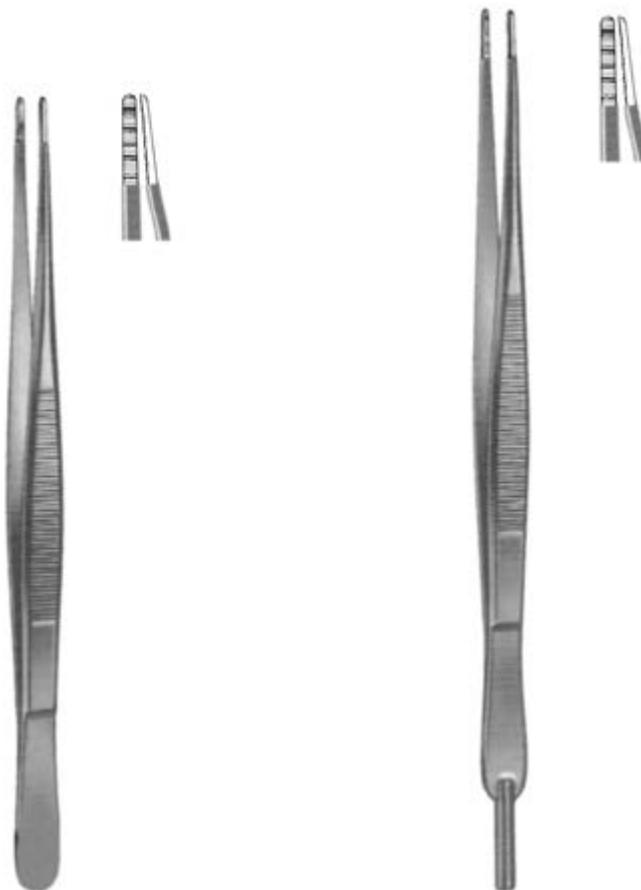


MARTIN
BERCHTOLD
AESCULAP
91193-30
91193-50



für Elektro-Chirurgie-Einheiten
for Electrosurgery Equipment
para Electro bisturis
per Elettrobisturi

Monopolare Pinzetten
Monopolar Forceps
Pinzas monopolares
Pinze monopolare



91800-18 18 cm, 7"
91800-21 21 cm, 8 1/4"
91800-25 25 cm, 10"

ohne Buchse
without socket
sin casquillo
senza presa

91801-18 18 cm, 7"
91801-21 21 cm, 8 1/4"
91801-25 25 cm, 10"

mit Buchse
with socket
con casquillo
con presa

Instrumentenöl
Instrument oil
Oleo para instrumentos
Olio per strumenti

INSTRU CARE ist ein Instrumentenpflegeöl auf der Basis von hochreinen medizinischen Weißölen zum Erhalt der Funktionsfähigkeit und Werterhaltung von chirurgischen Instrumenten. Die Anwendung erfolgt nach der Reinigung bzw. vor dem Sterilisationsvorgang.

INSTRU CARE is an instrument oil for care and protection of surgical instruments and guarantees the function and protects the value of instruments. It will be used after cleansing and before sterilization process.

INSTRU CARE olio para instrumentos

INSTRU CARE è un olio estremamente puro per la lubrificazione e la pulizia dello strumentario chirurgico. Privo di silicone, appropriato per la sterilizzazione a vapore e ad aria calda. Fisiologicamente inerte con utilizzo prima della sterilizzazione.



98000-01
100ml

Kunststoff-Flasche
plastic bottle
bottiglia
botella

98000-02
400ml

Sprühdose
aerosol
spray
spray

03112-00.....5	05151-02.....27	05311-01.....37	07402-08.....46	09121-20.....51
03112-01.....5	05160-02.....28	05311-02.....37	07402-09.....46	09124-14.....51
03112-02.....5	05160-03.....28	05311-03.....37	07402-10.....46	09125-14.....51
03113-00.....6	05160-04.....28	05311-04.....37	07403-01.....47	09128-14.....52
03113-01.....6	05170-24.....28	05320-01.....37	07403-02.....47	09130-14.....52
03113-02.....6	05190-17.....28	05320-02.....37	07410-05.....47	09131-14.....52
03114-00.....7	05190-20.....28	05320-03.....37	07412-05.....47	09140-14.....52
03114-01.....7	05190-25.....28	05320-04.....37	07420-08.....48	09141-14.....52
03114-02.....7	05203-00.....31	05321-01.....37	07421-09.....48	09150-14.....52
03120-00.....8	05204-00.....31	05321-02.....37	07422-19.....48	09151-14.....52
03122-00.....9	05210-00.....29	05321-03.....37	07423-16.....48	09160-14.....52/1
03126-00.....10	05210-01.....29	05321-04.....37	07423-20.....48	09160-17.....52/1
03132-00.....11	05210-02.....29	07103-00.....38	07423-24.....48	09160-19.....52/1
03132-01.....11	05210-03.....29	07103-01.....38	07424-11.....48	09160-23.....52/1
03132-02.....11	05210-04.....29	07103-02.....38	07424-14.....48	09160-28.....52/1
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03161-02.....15	05220-00.....29	07107-00.....39/2	07495-31.....50	09164-14.....52/1
03161-03C.....16	05220-01.....29	07107-01.....39/2	07496-00.....49	09164-17.....52/1
03161-03T.....16	05220-02.....29	07107-03.....39/2	07496-31.....50	09164-23.....52/1
03167-03.....20	05220-03.....29	07107-04.....39/2	07498-00.....50	09165-14.....52/1
03171-00.....17	05220-04.....29	07108-00.....40	07499-00.....50	09165-17.....52/1
03171-01.....17	05221-00.....29	07109-03.....40	07499-01.....50	09165-23.....52/1
03171-02.....17	05221-01.....29	07109-10.....41	09102-11.....51	09170-15.....52/1
03180-90.....21	05221-02.....29	07109-13.....41	09102-13.....51	09170-17.....52/1
03180-92.....21	05221-03.....29	07109-15.....41	09102-14.....51	09170-21.....52/1
03180-93.....21	05221-04.....29	07110-00.....42	09102-15.....51	09171-15.....52/1
03195-00.....22	05223-00.....31	07111-00.....42	09102-16.....51	09171-17.....52/1
03195-01.....22	05224-00.....31	07112-00.....42	09102-18.....51	09171-21.....52/1
03195-04.....22	05230-00.....30	07113-00.....42	09102-20.....51	09174-15.....52/1
03195-06.....22	05230-01.....30	07115-00.....42	09103-11.....51	09174-17.....52/1
03195-07.....22	05230-02.....30	07116-00.....42	09103-13.....51	09174-21.....52/1
03195-08.....22	05230-03.....30	07118-00.....42	09103-14.....51	09175-15.....52/1
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03246-00.....23	05234-28.....32	07121-00.....42	09103-18.....51	09180-17.....52/1
03246-01.....23	05234-37.....32	07122-00.....42	09103-20.....51	09181-17.....52/1
03246-02.....23	05238-01.....32	07123-00.....42	09104-14.....51	09190-16.....53
03248-00.....23	05238-02.....33	07124-00.....42	09105-14.....51	09191-16.....53
03260-15.....23	05238-03.....33	07125-00.....42	09110-11.....51	09194-16.....53
03262-18.....23	05239-01.....29/30	07130-00.....42	09110-13.....51	09195-16.....53
03288-17.....24	05239-02.....29/30	07161-00.....41	09110-14.....51	09202-10.....53
03288-20.....24	05239-03.....29	07162-00.....41	09110-15.....51	09203-10.....53
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03294-24.....24	05241-11.....34	07167-00.....41	09110-18.....51	09206-10.....53
03304-20.....24	05241-22.....34	07200-17.....44	09110-20.....51	09207-10.....53
03306-17.....24	05300-01.....36	07200-20.....44	09111-11.....51	09280-12.....53/1
03308-18.....24	05300-02.....36	07201-13.....44	09111-13.....51	09280-15.....53/1
03310-01.....25	05300-03.....36	07201-16.....44	09111-14.....51	09280-18.....53/1
03310-02.....25	05300-04.....36	07201-19.....44	09111-15.....51	09280-20.....53/1
03312-01.....25	05300-05.....36	07201-22.....44	09111-16.....51	09280-23.....53/1
03314-01.....25	05300-06.....36	07202-12.....44	09111-18.....51	09280-25.....53/1
03320-19.....25	05301-01.....35	07203-16.....44	09111-20.....51	09280-28.....53/1
03340-10.....25	05301-02.....35	07203-19.....44	09114-14.....51	09280-30.....53/1
03340-15.....25	05301-03.....35	07203-22.....44	09115-14.....51	09281-12.....53/1
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03340-50.....25	05301-06.....35	07290-09.....45	09120-14.....51	09281-20.....53/1
03350-15.....25	05301-07.....35	07291-11.....45	09120-15.....51	09281-23.....53/1
03360-21.....26	05302-01.....36	07294-13.....45	09120-16.....51	09281-25.....53/1
03361-10.....26	05302-02.....36	07296-00.....45/50	09120-18.....51	09281-28.....53/1
05130-05.....27	05302-03.....36	07402-01.....46	09120-20.....51	09281-30.....53/1
05130-10.....27	05303-01.....36	07402-02.....46	09121-11.....51	09282-15.....53/1
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05150-21.....27	05310-02.....37	07402-05.....46	09121-15.....51	09282-23.....53/1
05150-27.....27	05310-03.....37	07402-06.....46	09121-16.....51	09282-25.....53/1
05151-01.....27	05310-04.....37	07402-07.....46	09121-18.....51	09282-28.....53/1

09283-15.....53/1	09348-05.....55	09505-23.....63	09829-12.....67	10013-19.....73
09283-18.....53/1	09348-06.....55	09505-26.....63	09831-12.....67	10014-19.....73
09283-20.....53/1	09349-09.....58	09505-30.....63	09835-12.....67	10015-19.....73
09283-23.....53/1	09349-12.....55	09507-23.....63	09850-10.....68	10016-17.....73
09283-25.....53/1	09350-09.....57	09507-26.....63	09851-10.....68	10017-17.....73
09283-28.....53/1	09350-10.....56	09507-30.....63	09854-11.....69	10018-20.....73
09284-12.....53/1	09351-09.....57	09510-20.....62	09859-16.....69	10019-20.....73
09284-15.....53/1	09352-09.....57	09510-23.....62	09860-16.....69	10020-17.....73
09284-18.....53/1	09353-09.....57	09511-20.....62	09861-16.....69	10021-17.....73
09284-20.....53/1	09354-10.....57	09511-23.....62	09898-20.....69/1	10022-20.....73
09284-23.....53/1	09355-10.....57	09512-20.....62	09901-09.....69/1	10023-20.....73
09284-25.....53/1	09356-10.....57	09512-23.....62	09901-11.....69/1	10024-17.....73
09284-28.....53/1	09357-10.....57	09513-20.....62	09901-14.....69/1	10025-17.....73
09284-30.....53/1	09358-11.....56	09513-23.....62	09901-18.....69/1	10026-20.....73
09285-12.....53/1	09360-11.....58	09514-20.....62	09901-20.....69/1	10027-20.....73
09285-15.....53/1	09361-11.....58	09514-23.....62	09905-14.....69/1	10028-14.....73
09285-18.....53/1	09362-11.....58	09515-20.....62	09905-18.....69/1	10029-14.....73
09285-20.....53/1	09363-11.....58	09515-23.....62	09906-18.....69/1	10030-18.....73
09285-23.....53/1	09370-11.....58	09516-23.....62	09906-20.....69/1	10031-18.....73
09285-25.....53/1	09371-11.....58	09517-23.....62	09911-23.....69/1	10032-23.....73
09285-28.....53/1	09374-11.....58	09523-24.....62	09913-20.....69/2	10033-23.....73
09285-30.....53/1	09375-11.....58	09525-22.....63	09913-22.....69/2	10034-14.....73
09286-15.....53/1	09381-11.....58	09530-17.....63	09915-23.....69/2	10035-14.....73
09286-18.....53/1	09401-18.....58	09531-17.....63	09921-16.....69/2	10036-18.....73
09286-20.....53/1	09403-15.....58	09536-27.....63	09921-19.....69/2	10037-18.....73
09286-23.....53/1	09405-16.....59	09537-27.....63	09930-14.....70	10038-23.....73
09286-25.....53/1	09406-16.....59	09540-16.....61	09931-14.....70	10039-23.....73
09286-28.....53/1	09425-17.....59	09541-16.....61	09933-23.....70	10040-18.....74
09287-15.....53/1	09427-17.....59	09542-16.....61	09935-23.....70	10041-18.....74
09287-18.....53/1	09435-18.....59	09543-16.....61	09937-23.....70	10042-18.....74
09287-20.....53/1	09437-19.....59	09548-18.....64	09939-23.....70	10044-14.....74
09287-23.....53/1	09439-17.....59	09550-10.....64	09941-20.....70	10045-14.....74
09287-25.....53/1	09448-15.....59	09551-16.....64	09950-15.....70	10046-14.....74
09287-28.....53/1	09470-11.....59	09553-16.....64	09950-18.....70	10047-14.....74
09289-28.....53/2	09473-21.....59	09560-14.....64	09960-14.....71	10048-14.....74
09290-25.....53/2	09475-00.....60	09560-22.....64	09961-14.....71	10049-14.....74
09291-18.....54	09475-25.....60	09580-11.....65	09962-14.....71	10102-11.....75
09291-20.....54	09475-45.....60	09581-11.....65	09962-17.....71	10104-11.....75
09291-23.....54	09475-60.....60	09582-15.....65	09962-23.....71	10110-12.....75
09295-18.....54	09475-90.....60	09583-15.....65	09963-14.....71	10111-12.....75
09295-20.....54	09476-00.....60	09601-22.....65	09963-17.....71	10113-11.....75
09295-23.....54	09476-25.....60	09610-18.....65	09963-23.....71	10115-11.....75
09296-15.....54	09476-45.....60	09611-18.....65	09964-15.....71	10117-11.....75
09296-18.....54	09476-60.....60	09613-20.....65/1	09964-17.....71	10119-10.....75
09296-23.....54	09476-90.....60	09614-19.....65/1	09965-15.....71	10120-16.....76
09302-14.....54/1	09477-01.....60	09617-13.....65/1	09965-17.....71	10120-18.....76
09303-14.....54/1	09478-25.....60	09619-17.....65/1	09966-11.....71	10120-22.....76
09304-14.....54/1	09478-45.....60	09641-30.....65/2	09967-11.....71	10121-16.....76
09305-14.....54/1	09478-60.....60	09643-19.....65/2	09970-14.....71	10121-18.....76
09310-12.....54/1	09479-25.....60	09643-25.....65/2	09970-18.....71	10121-22.....76
09310-15.....54/1	09479-45.....60	09651-24.....65/2	09970-20.....71	10122-16.....76
09312-12.....54/1	09479-60.....60	09661-23.....65/2	09970-23.....71	10122-18.....76
09314-12.....54/1	09480-25.....61	09770-18.....66	09971-14.....71	10122-22.....76
09320-15.....54/1	09480-40.....61	09772-21.....66	09971-18.....71	10123-16.....76
09321-15.....54/1	09480-60.....61	09774-21.....66	09971-20.....71	10123-18.....76
09321-18.....54/1	09481-25.....61	09775-13.....66	09971-23.....71	10123-22.....76
09325-15.....54/1	09481-40.....61	09777-13.....66	09980-11.....72	10124-16.....76
09340-09.....54/2	09481-60.....61	09802-09.....66	09981-11.....72	10124-18.....76
09340-10.....54/2	09490-16.....61	09802-11.....66	09982-12.....72	10124-22.....76
09340-11.....54/2	09490-23.....61	09803-09.....66	09983-12.....72	10125-16.....76
09341-09.....54/2	09490-28.....61	09803-13.....66	09984-11.....72	10125-18.....76
09341-10.....54/2	09491-16.....61	09804-14.....66	09985-11.....72	10125-22.....76
09341-11.....54/2	09491-23.....61	09809-15.....66	09986-11.....72	10126-00.....77
09344-11.....54/2	09491-28.....61	09820-13.....67	09990-14.....72	10126-25.....77
09345-11.....54/2	09492-16.....61	09821-13.....67	09990-18.....72	10126-45.....77
09346-11.....54/2	09492-23.....61	09823-12.....67	09993-15.....72	10126-60.....77
09347-09.....58	09492-28.....61	09824-12.....67	09993-18.....72	10126-90.....77
09348-01.....55	09496-15.....61	09825-12.....67	09995-12.....72	10127-00.....77
09348-02.....55	09497-15.....61	09826-12.....67	10010-19.....73	10127-25.....77
09348-03.....55	09501-22.....63	09827-12.....67	10011-19.....73	10127-45.....77
09348-04.....55	09501-23.....63	09828-12.....67	10012-19.....73	10127-60.....77

10127-90.....	77	11120-25.....	81/1	11232-15.....	83	11404-04.....	90	12340-16.....	99
10128-09.....	78	11120-30.....	81/1	11233-20.....	84	11405-05.....	90	12340-20.....	99
10128-15.....	78	11122-12.....	81/1	11234-20.....	84	11407-07.....	90	12340-24.....	99
10129-15.....	78	11122-13.....	81/1	11235-20.....	84	11802-09.....	91	13001-08.....	101
10130-15.....	78	11122-14.....	81/1	11236-15.....	84	11802-10.....	91	13001-10.....	101
10131-14.....	78	11122-15.....	81/1	11236-20.....	84	11802-11.....	91	13001-12.....	101
10131-18.....	78	11122-18.....	81/1	11237-20.....	84	11810-07.....	91	13002-08.....	101
10132-18.....	78	11122-21.....	81/1	11240-14.....	84	11810-09.....	91	13002-10.....	101
10133-10.....	79	11122-25.....	81/1	11242-14.....	84	11810-11.....	91	13002-12.....	101
10135-10.....	79	11124-15.....	81/1	11246-18.....	85	11812-10.....	91	13005-10.....	101
10137-01.....	78	11126-18.....	81	11248-18.....	85	11813-10.....	91	13005-14.....	101
10137-02.....	78	11126-21.....	81	11250-14.....	85	11815-12.....	91	13005-20.....	101
10140-08.....	79	11126-25.....	81	11252-20.....	85	11816-10.....	91	13006-10.....	101
10141-08.....	79	11130-11.....	81/1	11256-15.....	85	11817-10.....	91	13006-14.....	101
10142-08.....	79	11130-13.....	81/1	11256-20.....	85	11821-11.....	92	13006-20.....	101
10143-08.....	79	11130-14.....	81/1	11256-25.....	85	11822-13.....	92	13010-30.....	102
10151-11.....	79	11130-16.....	81/1	11257-15.....	85	11823-13.....	92	13010-35.....	102
10153-11.....	79	11130-18.....	81/1	11258-15.....	85	11824-14.....	92	13010-40.....	102
10155-11.....	79	11130-20.....	81/1	11259-15.....	85	11825-14.....	92	13010-50.....	102
10202-18.....	80	11132-16.....	81/1	11260-12.....	86	11828-15.....	92	13011-30.....	102
10203-18.....	80	11132-18.....	81/1	11260-15.....	86	11900-01.....	93	13011-35.....	102
10313-14.....	80	11132-20.....	81/1	11261-15.....	86	11901-05.....	93	13011-40.....	102
10313-16.....	80	11132-25.....	81/1	11270-12.....	86	11910-01.....	93	13011-50.....	102
10320-09.....	80	11132-30.....	81/1	11270-15.....	86	12102-12.....	94	13012-30.....	102
10330-19.....	80	11140-11.....	81/1	11271-15.....	86	12103-12.....	94	13012-35.....	102
10331-19.....	80	11140-13.....	81/1	11271-18.....	86	12104-15.....	94	13012-40.....	102
10333-19.....	80	11140-14.....	81/1	11272-15.....	86	12105-15.....	94	13012-50.....	102
11102-10.....	81	11140-16.....	81/1	11273-15.....	86	12108-18.....	94	13013-30.....	102
11102-11.....	81	11140-18.....	81/1	11274-06.....	86	12109-18.....	94	13013-35.....	102
11102-13.....	81	11140-20.....	81/1	11274-08.....	86	12110-15.....	95	13013-40.....	102
11102-14.....	81	11140-25.....	81/1	11274-10.....	86	12110-20.....	95	13013-50.....	102
11102-16.....	81	11150-13.....	81/1	11302-17.....	86	12110-24.....	95	13014-30.....	102
11102-18.....	81	11150-14.....	81/1	11302-23.....	86	12110-30.....	95	13014-35.....	102
11102-20.....	81	11150-16.....	81/1	11303-17.....	86	12200-16.....	96	13014-40.....	102
11102-25.....	81	11160-13.....	81/1	11304-17.....	86	12201-16.....	96	13014-50.....	102
11102-30.....	81	11160-14.....	81/1	11305-17.....	87	12291-22.....	97	13015-30.....	102
11103-14.....	81	11160-16.....	81/1	11310-17.....	87	12293-22.....	97	13015-35.....	102
11104-12.....	81	11170-12.....	81/2	11311-17.....	87	12295-22.....	97	13015-40.....	102
11104-13.....	81	11170-15.....	81/2	11312-17.....	87	12297-22.....	97	13015-50.....	102
11104-14.....	81	11174-12.....	81/2	11312-18.....	87	12302-16.....	98	13090-40.....	100
11104-15.....	81	11174-15.....	81/2	11313-17.....	87	12302-20.....	98	13090-45.....	100
11104-18.....	81	11176-12.....	81/2	11314-01.....	87	12302-24.....	98	13090-50.....	100
11104-21.....	81	11176-15.....	81/2	11314-02.....	87	12304-16.....	98	13091-40.....	100
11104-25.....	81	11177-12.....	81/2	11315-01.....	87	12304-20.....	98	13091-45.....	100
11106-13.....	81	11178-12.....	81/2	11315-02.....	87	12304-24.....	98	13091-50.....	100
11106-15.....	81	11179-12.....	81/2	11316-14.....	88	12304-30.....	98	13092-07.....	103
11110-11.....	81	11180-12.....	82	11316-16.....	88	12306-16.....	98	13092-08.....	103
11110-13.....	81	11180-15.....	82	11316-20.....	88	12306-20.....	98	13092-10.....	103
11110-14.....	81	11181-12.....	82	11317-00.....	88	12306-24.....	98	13092-12.....	103
11110-16.....	81	11181-15.....	82	11317-12.....	88	12306-30.....	98	13093-07.....	103
11110-18.....	81	11186-12.....	82	11317-23.....	88	12308-16.....	98	13093-08.....	103
11110-20.....	81	11186-15.....	82	11318-18.....	88	12308-20.....	98	13093-10.....	103
11110-25.....	81	11187-12.....	82	11318-20.....	88	12308-24.....	98	13093-12.....	103
11110-30.....	81	11187-18.....	83	11318-25.....	88	12308-30.....	98	13096-06.....	103
11112-18.....	81	11187-20.....	83	11319-12.....	88	12309-16.....	98	13096-07.....	103
11112-21.....	81	11187-25.....	83	11319-14.....	88	12309-20.....	98	13096-09.....	103
11112-25.....	81	11187-30.....	83	11320-18.....	88	12309-24.....	98	13096-11.....	103
11114-14.....	81	11188-12.....	82	11320-23.....	88	12309-30.....	98	13097-06.....	103
11114-16.....	81	11188-15.....	82	11322-15.....	89	12310-16.....	98	13097-07.....	103
11114-20.....	81	11189-12.....	82	11322-18.....	89	12310-20.....	98	13097-09.....	103
11114-25.....	81	11189-15.....	83	11322-23.....	89	12310-24.....	98	13097-11.....	103
11116-18.....	81	11189-20.....	83	11324-23.....	89	12310-30.....	98	13098-06.....	100
11116-21.....	81	11189-25.....	83	11325-15.....	89	12320-15.....	99	13099-07.....	100
11116-25.....	81	11190-10.....	83	11325-23.....	89	12320-20.....	99	13102-04.....	104
11120-10.....	81/1	11220-17.....	83	11325-25.....	89	12320-24.....	99	13102-05.....	104
11120-11.....	81/1	11221-17.....	83	11326-23.....	89	12325-16.....	99	13103-04.....	104
11120-13.....	81/1	11222-17.....	83	11328-15.....	89	12325-20.....	99	13103-05.....	104
11120-14.....	81/1	11223-17.....	83	11328-20.....	89	12325-24.....	99	13110-50.....	104
11120-16.....	81/1	11224-17.....	83	11401-01.....	90	12330-16.....	99	13110-55.....	104
11120-18.....	81/1	11225-17.....	83	11403-03.....	90	12330-20.....	99	13110-65.....	104
11120-20.....	81/1	11231-20.....	84	11403-04.....	90	12330-24.....	99	13110-70.....	104

13110-75.....104	13310-24.....108	13381-15.....111	13447-20.....117	13580-80.....126
13110-90.....104	13310-26.....108	13382-15.....111	13448-22.....117	13591-20.....126
13111-50.....104	13310-30.....108	13383-15.....111	13449-22.....117	13591-23.....126
13111-55.....104	13311-13.....108	13384-20.....112	13450-24.....118	13593-20.....126
13111-65.....104	13311-14.....108	13384-26.....112	13451-24.....118	13593-23.....126
13111-70.....104	13311-16.....108	13385-20.....112	13453-18.....118	13595-10.....127
13111-75.....104	13311-18.....108	13385-26.....112	13453-24.....118	13595-20.....127
13111-90.....104	13311-20.....108	13386-20.....112	13455-01.....118	13595-30.....127
13115-00.....104	13311-22.....108	13386-26.....112	13455-02.....118	13595-40.....127
13210-10.....104	13311-24.....108	13387-20.....112	13456-01.....119	13597-10.....127
13211-10.....104	13311-26.....108	13387-26.....112	13456-02.....119	13597-20.....127
13212-10.....104	13311-30.....108	13390-20.....112	13456-03.....119	13597-30.....127
13213-10.....104	13312-14.....108	13391-20.....112	13457-28.....119	13597-40.....127
13214-10.....104	13312-16.....108	13391-23.....112	13459-18.....119	13598-24.....126
13215-10.....104	13313-14.....108	13393-20.....112	13459-28.....119	13599-24.....126
13220-12.....105	13313-16.....108	13394-20.....112	13471-14.....119/1	13600-20.....127
13220-14.....105	13320-13.....108	13395-20.....112	13471-16.....119/1	13601-20.....127
13220-18.....105	13320-14.....108	13410-18.....112	13471-18.....119/1	13605-26.....128
13220-21.....105	13320-16.....108	13411-18.....112	13471-23.....119/1	13610-21.....128/1
13221-12.....105	13320-18.....108	13412-18.....113	13473-22.....119/1	13611-21.....128/1
13221-14.....105	13320-20.....108	13413-18.....113	13474-19.....119/1	13612-21.....128/1
13221-18.....105	13320-22.....108	13414-20.....113	13474-24.....119/1	13613-21.....128/1
13221-21.....105	13320-24.....108	13415-14.....113	13474-26.....119/1	13620-24.....128/1
13222-12.....105	13320-26.....108	13415-18.....113	13475-14.....119/1	13620-26.....128/1
13223-12.....105	13320-30.....108	13416-18.....113	13475-18.....119/1	13620-30.....128/1
13224-12.....105	13321-13.....108	13420-14.....114	13477-15.....119/2	13621-24.....128/1
13225-12.....105	13321-14.....108	13421-01.....114	13477-19.....119/2	13621-26.....128/1
13226-12.....105	13321-16.....108	13421-02.....114	13479-22.....119/2	13621-30.....128/1
13227-12.....105	13321-18.....108	13421-03.....114	13479-25.....119/2	13622-24.....128/1
13230-12.....105	13321-20.....108	13421-04.....114	13479-28.....119/2	13622-26.....128/1
13230-14.....105	13321-22.....108	13421-05.....114	13480-15.....119/2	13622-30.....128/1
13230-18.....105	13321-24.....108	13421-06.....114	13480-18.....119/2	13623-24.....128/1
13230-21.....105	13321-26.....108	13421-07.....114	13481-15.....119/2	13623-26.....128/1
13231-12.....105	13321-30.....108	13422-00.....114	13481-18.....119/2	13623-30.....128/1
13231-14.....105	13322-14.....108	13422-01.....114	13491-19.....119/2	13702-14.....129
13231-18.....105	13322-16.....108	13422-02.....114	13493-23.....120	13704-16.....129
13231-21.....105	13323-14.....108	13422-03.....114	13495-18.....120	13704-18.....129
13232-12.....105	13323-16.....108	13422-06.....114	13497-20.....120	13710-15.....129
13233-12.....105	13330-13.....109	13425-02.....114	13499-16.....120	13710-18.....129
13240-14.....106	13330-15.....109	13425-03.....114	13501-23.....120	13710-20.....129
13240-18.....106	13330-18.....109	13425-04.....114	13503-21.....121	13712-15.....129
13241-14.....106	13330-20.....109	13425-05.....114	13505-21.....121	13712-18.....129
13241-18.....106	13331-13.....109	13425-06.....114	13507-22.....121	13712-20.....129
13242-16.....106	13331-15.....109	13428-21.....115	13507-23.....121	13720-18.....130
13243-16.....106	13331-18.....109	13431-13.....115	13513-23.....122	13730-16.....131
13244-14.....106	13331-20.....109	13431-16.....115	13515-23.....122	15101-09.....132
13245-14.....106	13340-16.....109	13431-18.....115	13517-23.....122	15103-07.....132
13250-14.....107	13340-20.....109	13431-20.....115	13519-20.....122	15103-09.....132
13250-18.....107	13341-16.....109	13431-23.....115	13519-22.....122	15105-09.....132
13251-14.....107	13341-20.....109	13431-25.....115	13519-24.....122	15107-10.....132
13251-18.....107	13345-12.....109	13431-28.....115	13520-23.....122	15107-13.....132
13254-14.....107	13345-14.....109	13432-19.....116	13520-24.....122	15108-14.....132
13255-14.....107	13350-16.....109	13433-19.....116	13523-23.....123	15111-09.....132
13256-14.....106	13350-20.....109	13434-28.....116	13551-14.....123	15111-11.....132
13257-14.....106	13351-16.....109	13435-28.....116	13551-18.....123	15111-13.....132
13258-16.....106	13351-20.....109	13438-01.....116	13551-20.....123	15111-15.....132
13259-16.....106	13356-15.....109	13438-02.....116	13554-21.....123	15115-11.....132
13260-14.....107	13358-15.....109	13438-03.....116	13555-21.....123	15117-13.....132
13261-14.....107	13358-20.....109	13438-04.....116	13556-24.....123	15121-11.....133
13262-16.....107	13360-15.....110	13441-01.....117	13561-20.....123	15121-13.....133
13263-16.....107	13364-14.....110	13441-02.....117	13563-20.....123	15123-11.....133
13264-16.....107	13366-19.....110	13441-03.....117	13564-20.....123/1	15123-13.....133
13265-16.....107	13368-14.....110	13441-04.....117	13565-20.....123/2	15125-14.....133
13270-14.....106	13368-16.....110	13442-21.....117	13565-25.....123/2	15140-16.....133
13271-14.....106	13370-13.....110	13442-26.....117	13570-23.....124	15150-19.....133
13310-13.....108	13372-13.....110	13443-21.....117	13571-25.....124	15161-18.....133
13310-14.....108	13374-14.....110	13443-26.....117	13573-22.....124	15164-15.....133
13310-16.....108	13376-16.....110	13444-21.....117	13574-24.....125	15164-20.....133
13310-18.....108	13377-25.....111	13444-26.....117	13575-24.....125	17110-20.....134
13310-20.....108	13377-26.....111	13445-21.....117	13579-21.....125	17110-25.....134
13310-22.....108	13380-15.....111	13445-26.....117	13580-60.....126	17111-20.....134

17111-25.....	134	19152-64.....	142	19196-04.....	148/1	19250-24.....	153	19314-20.....	159
17112-20.....	134	19158-51.....	142	19196-05.....	148/1	19270-02.....	153	19315-06.....	159
17112-25.....	134	19158-64.....	142	19196-06.....	148/1	19270-03.....	153	19315-21.....	159
17113-20.....	134	19158-76.....	142	19210-12.....	148/2	19270-04.....	153	19317-21.....	159
17113-25.....	134	19158-82.....	142	19211-12.....	148/2	19270-06.....	153	19318-40.....	159
17120-28.....	134	19159-50.....	142	19212-01.....	148/2	19271-02.....	153	19318-57.....	159
17121-28.....	134	19159-64.....	142	19212-02.....	148/2	19271-03.....	153	19318-78.....	159
17131-21.....	134	19159-70.....	142	19214-13.....	148/2	19271-04.....	153	19330-40.....	158
17133-17.....	135	19159-90.....	142	19214-18.....	148/2	19271-06.....	153	19330-55.....	158
17160-22.....	135	19160-17.....	143	19215-01.....	149	19280-01.....	154	19332-19.....	160
17160-25.....	135	19161-17.....	143	19215-02.....	149	19280-02.....	154	19332-21.....	160
17161-22.....	135	19162-10.....	143	19215-03.....	149	19280-03.....	154	19340-10.....	160
17161-25.....	135	19162-13.....	143	19215-13.....	148/2	19280-04.....	154	19340-15.....	160
17170-18.....	136	19168-06.....	143/1	19215-18.....	148/2	19280-06.....	154	19340-20.....	160
17170-20.....	136	19168-08.....	143/1	19216-01.....	149	19281-01.....	154	19344-14.....	160
17170-25.....	136	19168-10.....	143/1	19216-02.....	149	19281-02.....	154	19344-20.....	160
17170-30.....	136	19168-12.....	143/1	19216-05.....	149	19281-03.....	154	19344-26.....	160
17171-18.....	136	19168-17.....	143/1	19216-07.....	149	19281-04.....	154	19345-01.....	160
17171-20.....	136	19168-20.....	143/1	19216-10.....	149	19281-06.....	154	19345-02.....	160
17171-25.....	136	19168-25.....	143/1	19217-03.....	149	19282-02.....	154	19345-03.....	160
17172-18.....	136	19169-25.....	143/1	19217-05.....	149	19282-03.....	154	19348-22.....	160
17172-25.....	136	19170-20.....	143/1	19217-07.....	149	19282-04.....	154	19350-35.....	161
17173-18.....	136	19170-25.....	143/1	19220-01.....	150	19282-06.....	154	19350-60.....	161
17173-25.....	136	19170-32.....	143/1	19220-02.....	150	19296-01.....	155	19350-70.....	161
17174-25.....	136	19170-40.....	143/1	19220-03.....	150	19296-02.....	155	19360-04.....	162
17175-25.....	136	19170-45.....	143/1	19220-04.....	150	19296-03.....	155	19364-40.....	162
17180-18.....	136	19170-50.....	143/1	19221-01.....	150	19296-04.....	155	19364-50.....	162
17180-25.....	136	19170-65.....	143/1	19221-02.....	150	19296-06.....	155	19364-60.....	162
17207-13.....	137	19170-76.....	143/1	19221-03.....	150	19296-08.....	155	19364-70.....	162
17210-13.....	137	19171-30.....	143/2	19221-04.....	150	19297-01.....	155	19366-08.....	162
17210-16.....	137	19171-40.....	143/2	19226-02.....	150	19297-02.....	155	19367-08.....	162
17210-18.....	137	19171-50.....	143/2	19226-03.....	150	19297-03.....	155	19370-40.....	163
17220-25.....	137	19171-60.....	143/2	19226-04.....	150	19297-04.....	155	19370-50.....	163
17226-25.....	137	19171-70.....	143/2	19227-02.....	150	19297-06.....	155	19370-60.....	163
17227-25.....	137	19172-30.....	143/3	19227-03.....	150	19297-08.....	155	19370-75.....	163
17229-25.....	137	19173-20.....	143/3	19227-04.....	150	19298-01.....	156	19370-85.....	163
17230-26.....	138	19173-30.....	143/3	19229-02.....	150	19299-01.....	156	19372-22.....	163
17231-26.....	138	19173-40.....	143/3	19229-03.....	150	19300-02.....	156	19374-45.....	163
17233-26.....	138	19174-17.....	143/3	19230-10.....	151	19300-03.....	156	19374-55.....	163
19102-12.....	139	19174-25.....	143/3	19230-12.....	151	19300-04.....	156	19374-65.....	163
19102-15.....	139	19174-37.....	143/3	19230-14.....	151	19300-06.....	156	19378-25.....	163
19104-15.....	139	19174-40.....	143/3	19230-16.....	151	19301-02.....	156	19380-35.....	163
19110-13.....	139	19175-28.....	143/3	19230-18.....	151	19301-03.....	156	19380-50.....	163
19110-18.....	139	19176-25.....	143/4	19231-11.....	151	19301-04.....	156	19381-50.....	163
19120-00.....	139	19177-27.....	143/4	19231-13.....	151	19301-06.....	156	19382-50.....	163
19120-14.....	139	19178-28.....	143/4	19231-15.....	151	19302-01.....	157	19385-38.....	164
19120-15.....	139	19179-28.....	144	19232-08.....	151	19302-02.....	157	19385-57.....	164
19120-17.....	139	19180-19.....	145	19232-10.....	151	19302-03.....	157	19388-40.....	164
19122-13.....	140	19181-22.....	145	19232-12.....	151	19302-04.....	157	19388-50.....	164
19123-11.....	140	19181-25.....	145	19232-14.....	151	19302-05.....	157	19388-65.....	164
19124-15.....	140	19183-25.....	145	19232-16.....	151	19302-06.....	157	19400-01.....	165
19125-14.....	140	19185-25.....	145	19232-18.....	151	19304-19.....	157	19400-02.....	165
19126-13.....	140	19187-25.....	145	19233-08.....	152	19306-20.....	157	19400-03.....	165
19127-11.....	140	19187-38.....	146	19233-11.....	152	19307-01.....	157	19480-22.....	164
19131-21.....	141	19189-50.....	146	19233-15.....	152	19307-02.....	157	19480-27.....	164
19132-15.....	141	19187-75.....	146	19233-17.....	152	19310-01.....	158	19482-45.....	164
19134-20.....	141	19189-25.....	146	19233-20.....	152	19310-02.....	158	19482-73.....	164
19135-19.....	141	19189-38.....	146	19233-23.....	152	19310-03.....	158	19482-82.....	164
19136-20.....	141	19189-50.....	146	19234-20.....	153	19310-04.....	158	19484-01.....	164
19137-16.....	141	19189-75.....	146	19235-21.....	153	19310-05.....	158	19484-02.....	164
19140-00.....	142	19190-64.....	147	19236-01.....	153	19312-01.....	158	19490-22.....	166
19140-01.....	142	19191-25.....	147	19236-02.....	153	19312-02.....	158	19490-43.....	166
19140-02.....	142	19191-40.....	147	19236-08.....	152	19312-03.....	158	19490-65.....	166
19150-01.....	142	19191-62.....	147	19236-10.....	152	19312-04.....	158	19492-25.....	164
19150-02.....	142	19192-23.....	147	19236-12.....	152	19312-05.....	158	19493-80.....	167
19150-03.....	142	19195-01.....	148	19236-14.....	152	19314-07.....	159	19494-00.....	167
19150-04.....	142	19195-02.....	148	19236-16.....	152	19314-10.....	159	19494-12.....	167
19152-25.....	142	19195-03.....	148	19236-18.....	152	19314-12.....	159	19494-13.....	167
19152-31.....	142	19196-01.....	148/1	19240-10.....	153	19314-14.....	159	19494-14.....	167
19152-38.....	142	19196-02.....	148/1	19240-20.....	153	19314-15.....	159	19494-16.....	167
19152-51.....	142	19196-03.....	148/1	19250-16.....	153	19314-16.....	159	19494-18.....	167

19494-45.....	166	19688-01.....	175	19771-01.....	185	19825-06.....	193/194	21115-10.....	199
19494-60.....	166	19688-02.....	175	19771-02.....	185	19826-06.....	193/194	21120-16.....	199
19494-75.....	166	19689-01.....	175/1	19771-03.....	185	19831-25.....	193/194	21121-14.....	199
19495-60.....	167	19689-02.....	175/1	19772-00.....	185	19833-33.....	193/194	21121-18.....	199
19495-80.....	167	19690-31.....	176	19772-03.....	185	19834-01.....	193/194	21122-13.....	199
19496-00.....	167	19692-32.....	176	19780-01.....	186	19902-10.....	267	21122-18.....	199
19496-12.....	167	19694-01.....	177	19781-55.....	185/187	19903-00.....	267	21125-01.....	200
19496-14.....	167	19694-02.....	177	19781-65.....	185/187	19910-00.....	196	21125-02.....	200
19496-50.....	166	19694-03.....	177	19782-00.....	185	19911-00.....	196	21125-03.....	200
19496-90.....	166	19696-18.....	178	19783-00.....	187	19912-50.....	196	21125-04.....	200
19497-14.....	167	19698-18.....	178	19783-01.....	187	19912-70.....	196	21150-00.....	201
19498-01.....	167	19710-00.....	178/1	19783-24.....	185	19913-50.....	196	21150-02.....	201
19498-02.....	167	19710-01.....	178/1, 178/2	19784-00.....	187/1	19913-70.....	196	21150-03.....	201
19498-03.....	167	19710-40.....	178/1, 178/3	19784-30.....	187/1	19914-41.....	196	21150-06.....	201
19610-07.....	168	19710-45.....	178/1, 178/3	19784-40.....	187/1	19914-67.....	196	21150-09.....	201
19611-07.....	168	19710-50.....	178/1, 178/3	19784-50.....	187/1	19915-48.....	196	21150-12.....	201
19620-07.....	168	19710-55.....	178/1, 178/3	19784-60.....	187/1	19915-64.....	196	21150-15.....	201
19620-10.....	168	19710-60.....	178/1, 178/3	19784-78.....	187/1	19916-64.....	196	21150-80.....	201
19621-07.....	168	19711-00.....	178/3	19784-80.....	187/1	19916-80.....	196	21150-90.....	201
19621-10.....	168	19711-01.....	178/3, 178/4	19784-98.....	187/1	19917-64.....	196	21154-01.....	202
19630-10.....	168	19711-40.....	178/2, 178/4	19784-99.....	187/1	19918-64.....	196	21154-02.....	202
19631-10.....	168	19711-45.....	178/2, 178/4	19790-01.....	186	19918-88.....	196	21154-03.....	202
19634-10.....	168	19711-50.....	178/2, 178/4	19790-02.....	186	19960-01.....	197	21154-04.....	202
19635-10.....	168	19711-55.....	178/2, 178/4	19795-01.....	188	19960-02.....	197	21154-05.....	202
19636-14.....	168	19711-60.....	178/2, 178/4	19795-02.....	188	19960-03.....	197	21154-06.....	202
19637-14.....	168	19712-00.....	178/2	19798-01.....	188	19960-04.....	197	21160-04.....	202
19640-14.....	169	19713-00.....	178/4	19798-02.....	188	19960-05.....	197	21160-06.....	202
19641-14.....	169	19721-00.....	179	19798-03.....	188	19960-06.....	197	21160-07.....	202
19650-10.....	169	19721-15.....	179	19798-04.....	188	19970-01.....	198	21160-08.....	202
19651-10.....	169	19726-01.....	179	19799-03.....	189	19980-01.....	197	21160-10.....	202
19654-13.....	169	19738-45.....	179	19799-04.....	189	19980-02.....	197	21160-12.....	202
19655-13.....	169	19738-50.....	179	19799-05.....	189	19980-03.....	197	21160-14.....	202
19670-14.....	169	19738-55.....	179	19799-06.....	189	19980-04.....	197	21162-12.....	202
19670-16.....	169	19738-60.....	179	19800-01.....	189/1	19980-05.....	197	21190-14.....	203
19670-20.....	169	19738-65.....	179	19800-02.....	189/1	19980-06.....	197	21270-12.....	203
19670-24.....	169	19744-00.....	180	19800-03.....	189/1	19980-18.....	198	21270-14.....	203
19671-14.....	169	19744-17.....	180	19800-04.....	189/1	19990-18.....	198	21270-16.....	203
19671-16.....	169	19745-40.....	180	19802-09.....	189/1	19995-22.....	198	21270-18.....	203
19671-20.....	169	19745-45.....	180	19802-11.....	189/1	19995-38.....	198	21270-23.....	203
19671-24.....	169	19745-50.....	180	19802-14.....	189/1	19998-03.....	198	21272-12.....	203
19672-11.....	171	19745-55.....	180	19802-16.....	189/1	19998-05.....	198	21272-14.....	203
19673-11.....	171	19745-60.....	180	19802-18.....	189/1	21102-11.....	199	21272-16.....	203
19674-15.....	171	19745-65.....	180	19803-14.....	189/1	21102-13.....	199	21272-18.....	203
19675-00.....	170	19745-70.....	180	19804-18.....	189/2	21102-14.....	199	21272-23.....	203
19675-13.....	171	19748-01.....	180	19805-18.....	189/2	21102-16.....	199	21290-12.....	203
19676-00.....	170	19748-02.....	180	19806-18.....	189/2	21102-18.....	199	21290-14.....	203
19677-13.....	171	19748-03.....	180	19810-22.....	190	21102-20.....	199	21290-16.....	203
19677-19.....	170	19748-04.....	180	19812-60.....	190	21102-25.....	199	21290-18.....	203
19677-25.....	170	19754-00.....	181	19813-00.....	191	21104-11.....	199	21292-12.....	203
19677-32.....	170	19758-85.....	181	19816-00.....	191	21104-13.....	199	21292-14.....	203
19678-05.....	170	19759-00.....	181	19820-02.....	193/195	21104-14.....	199	21292-16.....	203
19678-06.....	170	19760-14.....	181	19820-03.....	193/195	21104-16.....	199	21292-18.....	203
19678-16.....	171	19762-16.....	181	19820-10.....	193/195	21104-18.....	199	21310-15.....	203
19679-20.....	172	19764-18.....	182	19820-20.....	193/194	21104-20.....	199	21320-12.....	203
19679-22.....	172	19764-20.....	182	19820-90.....	192/193	21104-25.....	199	21320-18.....	203
19680-19.....	172	19764-25.....	182	19820-91.....	192/193	21106-11.....	199	21331-25.....	203
19681-19.....	172	19765-01.....	183	19820-99.....	193	21106-13.....	199	21340-45.....	203
19681-21.....	172	19765-02.....	183	19821-01.....	193/195	21106-14.....	199	23104-00.....	204
19682-26.....	173	19765-03.....	183	19821-02.....	193/195	21106-16.....	199	23110-30.....	204
19683-26.....	173	19765-04.....	183	19821-03.....	193/195	21106-18.....	199	23110-35.....	204
19684-14.....	173	19766-90.....	182	19821-04.....	193/195	21106-20.....	199	23110-40.....	204
19684-16.....	173	19767-01.....	184	19822-01.....	193	21106-25.....	199	23110-45.....	204
19684-16.....	173	19767-01.....	184	19822-02.....	193	21108-14.....	199	23110-50.....	204
19684-20.....	173	19767-02.....	184	19822-21.....	194	21109-18.....	199	23110-55.....	204
19684-26.....	173	19767-18.....	184	19822-22.....	194	21110-13.....	199	23110-60.....	204
19685-14.....	173	19767-25.....	184	19822-22L.....	194	21110-14.....	199	23123-30.....	204
19685-16.....	173	19770-01.....	186	19822-23.....	193	21110-16.....	199	23123-40.....	204
19685-20.....	173	19770-02.....	186	19822-24.....	193	21110-18.....	199	23125-50.....	204
19685-26.....	173	19770-03.....	186	19822-25.....	193/194	21110-20.....	199	23125-11.....	204
19686-32.....	174	19770-04.....	186	19822-26.....	193/194	21111-14.....	199	23128-19.....	204
19687-01.....	175	19770-05.....	186	19824-06.....	193/194	21112-14.....	199	23140-02.....	204
19687-02.....	175	19771-00.....	185						

23150-10.....205	25180-12.....209	25408-12.....212	25721-14.....217	27413-05.....222
23150-12.....205	25180-14.....209	25410-14.....212	25722-14.....217	27413-06.....222
23150-14.....205	25180-16.....209	25410-17.....212	25723-14.....217	27413-07.....222
23150-16.....205	25180-18.....209	25414-14.....212	25730-18.....217	27413-08.....222
23150-18.....205	25180-20.....209	25414-17.....212	25731-18.....217	27413-09.....222
23150-20.....205	25180-24.....209	25414-18.....212	27109-20.....218	27413-10.....222
23170-25.....205	25180-26.....209	25415-14.....212	27110-21.....218	27413-11.....222
23170-30.....205	25180-30.....209	25415-17.....212	27110-24.....218	27413-12.....222
23170-33.....205	25184-12.....209	25415-20.....212	27110-27.....218	27413-13.....222
23170-35.....205	25184-14.....209	25430-16.....212	27111-21.....218	27413-14.....222
23181-40.....205	25184-16.....209	25434-11.....212	27111-24.....218	27413-15.....222
23195-08.....207	25184-18.....209	25434-13.....212	27111-27.....218	27413-16.....222
23195-10.....207	25184-20.....209	25434-16.....212	27120-21.....218	27423-01.....222
23195-12.....207	25184-24.....209	25436-13.....212	27120-24.....218	27423-02.....222
23195-14.....207	25184-26.....209	25438-13.....212	27120-27.....218	27423-03.....222
23195-16.....207	25184-30.....209	25438-15.....213	27121-21.....218	27423-04.....222
23195-18.....207	25190-16.....209	25446-25.....213	27121-24.....218	27423-05.....222
23197-08.....207	25190-18.....209	25447-25.....213	27121-27.....218	27423-06.....222
23197-10.....207	25190-20.....209	25450-14.....213	27130-13.....219	27423-07.....222
23197-12.....207	25194-16.....209	25450-17.....213	27131-13.....219	27423-08.....222
23197-14.....207	25194-18.....209	25450-20.....213	27133-24.....219	27423-09.....222
23197-16.....207	25194-20.....209	25450-24.....213	27134-32.....219	27423-10.....222
23197-18.....207	25196-13.....209	25452-14.....213	27135-24.....219	27423-11.....222
23198-08.....207	25196-18.....209	25452-17.....213	27139-19.....219	27423-12.....222
23198-10.....207	25214-16.....210	25452-20.....213	27201-15.....220	27423-13.....222
23198-12.....207	25214-18.....210	25452-24.....213	27201-19.....220	27423-14.....222
23198-14.....207	25214-20.....210	25460-18.....213	27201-21.....220	27423-15.....222
23198-16.....207	25214-23.....210	25460-20.....213	27202-15.....220	27423-16.....222
23198-18.....207	25214-26.....210	25460-23.....213	27202-19.....220	27433-01.....222
23210-00.....206	25214-31.....210	25465-20.....213	27202-21.....220	27433-02.....222
23250-20.....206	25224-13.....210	25465-25.....213	27203-15.....220	27433-03.....222
23250-40.....206	25224-15.....210	25466-17.....213	27203-19.....220	27433-04.....222
23302-01.....206	25224-18.....210	25466-20.....213	27203-21.....220	27433-05.....222
23302-02.....206	25224-20.....210	25467-17.....213	27204-15.....220	27433-06.....222
23302-03.....206	25224-23.....210	25467-20.....213	27204-19.....220	27433-07.....222
23302-04.....206	25224-26.....210	25610-11.....214	27204-21.....220	27433-08.....222
23302-05.....206	25225-13.....210	25612-13.....214	27240-00.....220	27433-09.....222
23302-06.....206	25225-15.....210	25612-15.....214	27240-01.....220	27433-10.....222
23302-07.....206	25225-18.....210	25614-12.....214	27240-02.....220	27433-11.....222
23302-08.....206	25225-20.....210	25615-12.....214	27240-03.....220	27433-12.....222
23310-14.....206	25225-23.....210	25620-16.....214	27271-19.....221	27433-13.....222
23310-18.....206	25225-26.....210	25621-16.....214	27273-19.....221	27433-14.....222
25110-12.....208	25230-18.....210	25624-16.....214	27275-30.....221	27433-15.....222
25114-12.....208	25230-20.....210	25625-16.....214	27277-25.....221	27433-16.....222
25120-12.....208	25230-23.....210	25627-14.....214	27285-20.....221/1	27434-01.....222
25122-12.....208	25241-21.....210	25628-14.....214	27288-22.....221/1	27434-02.....222
25128-13.....208	25241-26.....210	25650-10.....216	27289-22.....221/1	27434-03.....222
25129-13.....208	25245-21.....210	25651-10.....216	27291-18.....221/1	27434-04.....222
25130-13.....208	25245-26.....210	25656-10.....216	27291-27.....221/1	27434-05.....222
25134-13.....208	25250-27.....210	25657-10.....216	27297-23.....221/1	27434-06.....222
25136-11.....208	25254-27.....210	25660-13.....217	27298-23.....221/1	27434-07.....222
25137-11.....208	25260-27.....210	25661-13.....217	27403-01.....222	27434-08.....222
25138-11.....208	25264-27.....210	25667-18.....215	27403-02.....222	27434-09.....222
25140-13.....208	25285-20.....211	25667-21.....215	27403-03.....222	27434-10.....222
25144-13.....208	25285-24.....211	25668-18.....215	27403-04.....222	27434-11.....222
25146-13.....208	25285-26.....211	25668-21.....215	27403-05.....222	27434-12.....222
25148-13.....208	25290-18.....211	25670-14.....215	27403-06.....222	27434-13.....222
25150-12.....208	25292-18.....211	25671-14.....215	27403-07.....222	27434-14.....222
25150-14.....208	25293-27.....211	25672-14.....215	27403-08.....222	27434-15.....222
25154-12.....208	25311-20.....211	25673-14.....215	27403-09.....222	27434-16.....222
25154-14.....208	25311-27.....211	25676-14.....215	27403-10.....222	27441-01.....223
25160-15.....209	25315-20.....211	25677-14.....215	27403-11.....222	27441-02.....223
25160-18.....209	25315-27.....211	25678-09.....215	27403-12.....222	27441-03.....223
25160-20.....209	25324-18.....211	25678-14.....216	27403-13.....222	27441-04.....223
25160-23.....209	25324-26.....211	25679-09.....215	27403-14.....222	27441-05.....223
25164-15.....209	25330-21.....212	25679-14.....216	27403-15.....222	27441-06.....223
25164-18.....209	25330-23.....212	25680-13.....215	27403-16.....222	27441-07.....223
25164-20.....209	25334-23.....212	25684-13.....215	27413-01.....222	27441-08.....223
25164-23.....209	25405-12.....212	25700-18.....217	27413-02.....222	27441-09.....223
25170-15.....209	25406-12.....212	25701-18.....217	27413-03.....222	27441-10.....223
25174-15.....209	25407-12.....212	25720-14.....217	27413-04.....222	27441-11.....223

27441-12.....	223	29150-12.....	227	31350-28.....	232	33259-23.....	240	33416-17.....	248
27443-01.....	223	29152-14.....	227	31360-30.....	232	33260-24.....	240	33417-18.....	248
27443-02.....	223	31101-24.....	229	31362-28.....	232	33261-22.....	240	33418-17.....	248
27443-03.....	223	31103-23.....	229	31366-23.....	232	33274-14.....	241	33419-20.....	248
27443-04.....	223	31103-26.....	229	31370-20.....	233	33274-17.....	241	33420-20.....	249
27443-05.....	223	31103-37.....	229	31380-18.....	233	33274-19.....	241	33421-20.....	249
27443-10.....	223	31120-19.....	229	31390-18.....	233	33274-22.....	241	33423-23.....	249
27443-20.....	223	31130-14.....	229	31395-18.....	233	33275-14.....	241	33424-10.....	249
27443-30.....	223	31200-39.....	230/4	31397-24.....	233	33275-17.....	241	33441-13.....	249
27450-01.....	223	31200-58.....	230/4	33100-01.....	234	33275-19.....	241	33441-18.....	249
27450-02.....	223	31200-95.....	230/18	33100-02.....	234	33275-22.....	241	33441-20.....	249
27450-03.....	223	31200-98.....	230/4	33101-12.....	234	33280-15.....	241	33442-19.....	249
27450-04.....	223	31200-99.....	230/4	33101-14.....	234	33281-15.....	241	33443-18.....	249
27450-05.....	223	31201-01.....	230	33102-01.....	234	33282-19.....	241	33444-15.....	250
27450-06.....	223	31201-02.....	230	33102-02.....	234	33283-17.....	241	33450-01.....	250
27452-01.....	223	31201-11.....	230/2	33103-14.....	235	33284-15.....	241	33450-02.....	250
27452-02.....	223	31201-22.....	230/2	33105-17.....	235	33286-18.....	241	33467-97.....	251
27452-03.....	223	31201-39.....	230/4	33107-16.....	235	33289-18.....	241	33467-98.....	251
27452-04.....	223	31201-45.....	230/7	33109-16.....	235	33290-23.....	242	33468-00.....	251
27452-05.....	223	31201-58.....	230/4	33115-15.....	236	33290-27.....	242	33468-01.....	251
27452-06.....	223	31201-70.....	230/7	33117-15.....	236	33291-23.....	242	33468-02.....	251
27465-10.....	223	31202-00.....	230/7	33119-15.....	236	33291-27.....	242	33468-03.....	251
27465-20.....	223	31202-14.....	230/18	33131-15.....	236	33292-26.....	242	33468-04.....	251
27467-01.....	223	31202-16.....	230/18	33133-15.....	236	33293-27.....	242	33469-96.....	251
27467-02.....	223	31203-00.....	230/5	33136-17.....	236	33295-24.....	242	33469-97.....	251
27467-03.....	223	31203-10.....	230/5	33137-17.....	236	33360-21.....	243	33469-98.....	251
27467-04.....	223	31203-20.....	230/5	33142-20.....	236	33362-21.....	243	33470-00.....	251
27467-05.....	223	31203-30.....	230/5	33143-20.....	236	33365-19.....	243	33470-01.....	251
27475-10.....	223	31203-50.....	230/17	33147-20.....	237	33366-19.....	243	33470-02.....	251
27475-20.....	223	31204-00.....	230/5	33148-18.....	237	33366-23.....	243	33470-03.....	251
27477-01.....	223	31204-01.....	230/15	33150-16.....	237	33366-26.....	243	33470-04.....	251
27477-02.....	223	31204-02.....	230/15	33151-16.....	237	33368-26.....	243	33470-05.....	251
27477-03.....	223	31204-03.....	230/15	33152-17.....	237	33370-22.....	244	33470-06.....	251
27477-04.....	223	31204-04.....	230/15	33153-17.....	237	33370-27.....	244	33471-96.....	251
27477-05.....	223	31204-10.....	230/5	33154-18.....	237	33370-30.....	244	33471-97.....	251
27485-10.....	223	31204-20.....	230/5	33155-18.....	237	33372-22.....	244	33471-98.....	251
27485-20.....	223	31204-30.....	230/5	33156-18.....	237	33372-26.....	244	33472-00.....	251
27487-01.....	223	31205-00.....	230/6	33157-02.....	237	33372-33.....	244	33472-01.....	251
27487-02.....	223	31205-08.....	230/16	33157-03.....	237	33378-15.....	244	33472-02.....	251
27487-03.....	223	31205-09.....	230/16	33157-04.....	238	33378-17.....	244	33472-03.....	251
27487-04.....	223	31205-20.....	230/16	33157-05.....	238	33378-21.....	244	33472-04.....	251
27487-05.....	223	31205-21.....	230/16	33157-06.....	238	33380-15.....	244	33472-05.....	251
27610-12.....	224	31210-10.....	230/6	33158-03.....	238	33380-17.....	244	33472-06.....	251
27612-12.....	224	31210-21.....	230/10	33158-04.....	238	33380-21.....	244	33473-01.....	252
27614-12.....	224	31210-22.....	230/10	33158-05.....	238	33382-33.....	244	33473-02.....	252
27616-12.....	224	31210-30.....	230/18	33159-03.....	238	33382-45.....	244	33473-03.....	252
27620-18.....	224	31210-45.....	230/14	33159-04.....	238	33384-33.....	244	33473-04.....	252
27630-12.....	224	31210-50.....	230/14	33159-05.....	238	33384-45.....	244	33473-05.....	252
27640-13.....	224	31210-65.....	230/14	33201-18.....	238	33391-15.....	245	33473-06.....	252
27642-14.....	224	31211-45.....	230/14	33202-18.....	238	33391-19.....	245	33474-96.....	251
27660-07.....	224	31211-50.....	230/14	33205-18.....	238	33391-24.....	245	33474-97.....	251
27660-11.....	224	31211-65.....	230/14	33211-15.....	238	33391-26.....	245	33474-98.....	251
27660-12.....	224	31212-02.....	230/18	33213-15.....	238	33391-28.....	245	33475-00.....	251
27660-14.....	224	31212-50.....	230/14	33216-18.....	239	33395-17.....	245	33475-01.....	251
27660-16.....	224	31212-65.....	230/14	33217-18.....	239	33395-25.....	245	33475-02.....	251
27660-18.....	224	31220-21.....	230/12	33219-23.....	239	33395-26.....	245	33475-03.....	251
27660-20.....	224	31220-22.....	230/12	33220-20.....	239	33395-27.....	245	33475-04.....	251
27660-22.....	224	31220-99.....	230/18	33230-22.....	239	33402-17.....	246	33475-05.....	251
27680-00.....	226	31250-00.....	231	33230-26.....	239	33404-20.....	246	33475-06.....	251
29102-16.....	227	31250-10.....	231/1	33231-22.....	239	33405-20.....	246	33476-01.....	253
29102-20.....	227	31250-12.....	231/1	33231-26.....	239	33406-20.....	246	33476-02.....	253
29102-24.....	227	31250-13.....	231/1	33235-23.....	239	33407-19.....	246	33476-03.....	253
29110-27.....	227	31250-14.....	231/1	33237-23.....	239	33409-13.....	246	33476-98.....	253
29120-20.....	227	31250-15.....	231/1	33241-30.....	240	33410-19.....	246	33476-99.....	253
29120-28.....	227	31252-11.....	231	33243-30.....	240	33412-16.....	247	33477-00.....	253
29121-20.....	227	31252-22.....	231	33245-23.....	240	33412-24.....	247	33477-01.....	253
29121-24.....	227	31253-00.....	231	33247-23.....	240	33413-14.....	247	33477-02.....	253
29130-23.....	227	31253-11.....	231	33251-26.....	240	33414-21.....	247	33477-03.....	253
29140-20.....	227	31254-10.....	231	33253-26.....	240	33415-23.....	248	33477-04.....	253
29140-30.....	227	31254-11.....	231	33257-23.....	240	33415-25.....	248	33477-05.....	253
29145-55.....	227	31254-12.....	231	33258-23.....	240	33415-28.....	248	33477-06.....	253

33478-98.....	253	33492-20.....	257	33622-04.....	259	33645-09.....	261	33661-07.....	263
33478-99.....	253	33494-13.....	257	33622-05.....	259	33645-13.....	261	33661-10.....	263
33479-00.....	253	33494-14.....	257	33622-06.....	259	33645-16.....	261	33661-15.....	263
33479-01.....	253	33494-17.....	257	33622-07.....	259	33645-19.....	261	33661-20.....	263
33479-02.....	253	33495-16.....	257	33622-08.....	259	33645-25.....	261	33661-25.....	263
33479-03.....	253	33496-00.....	257	33623-02.....	259	33645-32.....	261	33661-30.....	263
33479-04.....	253	33496-01.....	257	33623-03.....	259	33647-06.....	261	33664-04.....	263
33479-05.....	253	33496-12.....	257	33623-04.....	259	33647-09.....	261	33664-06.....	263
33479-06.....	253	33497-00.....	257	33623-05.....	259	33647-14.....	261	33664-08.....	263
33480-97.....	254	33498-00.....	257	33623-06.....	259	33647-16.....	261	33664-10.....	263
33480-98.....	254	33498-01.....	257	33623-07.....	259	33647-19.....	261	33664-12.....	263
33481-00.....	254	33498-12.....	257	33623-08.....	259	33647-25.....	261	33665-04.....	263
33481-01.....	254	33500-01.....	256	33625-02.....	259	33647-32.....	261	33665-06.....	263
33481-02.....	254	33500-02.....	256	33625-03.....	259	33649-09.....	261	33665-08.....	263
33481-03.....	254	33500-03.....	256	33625-04.....	259	33649-14.....	261	33665-10.....	263
33481-04.....	254	33509-03.....	258	33625-05.....	259	33649-16.....	261	33665-12.....	263
33481-05.....	254	33509-05.....	258	33625-06.....	259	33649-19.....	261	33665-24.....	264
33481-06.....	254	33509-08.....	258	33625-07.....	259	33649-25.....	261	33665-26.....	264
33482-01.....	253	33510-12.....	258	33625-08.....	259	33649-32.....	261	33665-55.....	264
33482-02.....	253	33510-14.....	258	33626-25.....	260	33650-04.....	261	33665-90.....	264
33482-03.....	253	33510-16.....	258	33626-35.....	260	33650-06.....	261	33666-22.....	264
33482-97.....	254	33600-02.....	259	33627-04.....	260	33650-08.....	261	33668-03.....	265
33482-98.....	254	33600-03.....	259	33627-06.....	260	33650-10.....	261	33668-05.....	265
33483-00.....	254	33600-04.....	259	33628-03.....	260	33650-13.....	261	33668-06.....	265
33483-01.....	254	33600-05.....	259	33628-05.....	260	33650-16.....	261	33668-08.....	265
33483-02.....	254	33600-06.....	259	33630-06.....	260	33650-18.....	261	33668-09.....	265
33483-03.....	254	33600-08.....	259	33630-08.....	260	33650-20.....	261	33668-13.....	265
33483-04.....	254	33600-09.....	259	33630-10.....	260	33650-25.....	261	33668-16.....	265
33483-05.....	254	33600-10.....	259	33630-12.....	260	33650-30.....	261	33668-19.....	265
33483-06.....	254	33602-04.....	259	33630-15.....	260	33650-38.....	261	33669-05.....	264
33484-97.....	254	33602-06.....	259	33630-20.....	260	33650-44.....	261	33669-10.....	264
33484-98.....	254	33602-08.....	259	33630-25.....	260	33650-50.....	261	33669-15.....	264
33485-00.....	254	33602-10.....	259	33630-30.....	260	33651-04.....	261	33670-05.....	264
33485-01.....	254	33602-12.....	259	33631-10.....	260	33651-06.....	261	33670-06.....	265
33485-02.....	254	33602-14.....	259	33631-12.....	260	33651-08.....	261	33670-09.....	265
33485-03.....	254	33602-16.....	259	33631-15.....	260	33651-10.....	261	33670-10.....	264
33485-04.....	254	33604-04.....	259	33631-20.....	260	33651-13.....	261	33670-13.....	265
33485-05.....	254	33604-06.....	259	33631-25.....	260	33651-16.....	261	33670-15.....	264
33485-06.....	254	33604-08.....	259	33631-30.....	260	33651-18.....	261	33670-16.....	265
33485-21.....	255	33604-10.....	259	33632-06.....	260	33651-20.....	261	33670-19.....	265
33485-99.....	255	33604-12.....	259	33632-08.....	260	33651-25.....	261	33670-25.....	265
33486-00.....	255	33604-14.....	259	33632-10.....	260	33651-30.....	261	33670-32.....	265
33486-01.....	255	33604-16.....	259	33632-12.....	260	33651-38.....	261	33671-06.....	265
33486-02.....	255	33605-04.....	259	33632-15.....	260	33651-44.....	261	33671-09.....	265
33486-99.....	255	33605-06.....	259	33632-20.....	260	33651-50.....	261	33671-13.....	265
33487-00.....	255	33605-08.....	259	33632-25.....	260	33652-02.....	262	33671-16.....	265
33487-01.....	255	33605-10.....	259	33632-30.....	260	33652-03.....	262	33671-19.....	265
33487-02.....	255	33605-12.....	259	33633-06.....	260	33652-04.....	262	33671-25.....	265
33487-99.....	255	33605-14.....	259	33633-08.....	260	33652-06.....	262	33671-32.....	265
33488-00.....	255	33605-16.....	259	33633-10.....	260	33652-08.....	262	33672-06.....	265
33488-01.....	255	33610-04.....	259	33633-12.....	260	33652-10.....	262	33672-09.....	265
33488-02.....	255	33610-06.....	259	33633-15.....	260	33652-12.....	262	33672-13.....	265
33489-00.....	255	33610-08.....	259	33633-20.....	260	33652-15.....	262	33672-16.....	265
33489-01.....	255	33610-10.....	259	33633-25.....	260	33654-02.....	262	33672-19.....	265
33489-02.....	255	33610-12.....	259	33633-30.....	260	33654-03.....	262	33672-25.....	265
33489-03.....	255	33610-14.....	259	33634-06.....	260	33654-04.....	262	33672-32.....	265
33490-10.....	256	33611-04.....	259	33634-08.....	260	33654-06.....	262	33673-06.....	265
33490-20.....	256	33611-06.....	259	33634-10.....	260	33654-08.....	262	33673-09.....	265
33490-30.....	256	33611-08.....	259	33634-12.....	260	33654-10.....	262	33673-13.....	265
33490-40.....	256	33611-10.....	259	33634-15.....	260	33654-12.....	262	33673-18.....	265
33490-50.....	256	33611-12.....	259	33634-20.....	260	33654-15.....	262	33673-19.....	265
33491-01.....	256	33611-14.....	259	33634-25.....	260	33656-28.....	262	33673-25.....	265
33491-02.....	256	33620-02.....	259	33634-30.....	260	33657-28.....	262	33673-32.....	265
33491-03.....	256	33620-03.....	259	33644-06.....	261	33658-28.....	262	33675-06.....	265
33491-04.....	256	33620-04.....	259	33644-09.....	261	33659-28.....	262	33675-09.....	265
33491-05.....	256	33620-05.....	259	33644-13.....	261	33660-07.....	263	33675-13.....	265
33491-06.....	256	33620-06.....	259	33644-16.....	261	33660-10.....	263	33675-16.....	265
33491-07.....	256	33620-07.....	259	33644-19.....	261	33660-15.....	263	33675-19.....	265
33491-08.....	256	33620-08.....	259	33644-25.....	261	33660-20.....	263	33675-25.....	265
33492-13.....	257	33622-02.....	259	33644-32.....	261	33660-25.....	263	33675-32.....	265
33492-16.....	257	33622-03.....	259	33645-06.....	261	33660-30.....	263	33676-01.....	266

33676-02.....	266	33716-18.....	276	33804-15.....	285	34101-04.....	295	34320-25.....	302
33676-05.....	266	33717-19-01.....	277	33805-22.....	285	34101-05.....	295	34320-27.....	302
33676-10.....	266	33717-19-02.....	277	33805-33.....	285	34101-06.....	295	34320-30.....	302
33676-16.....	266	33718-16.....	277	33807-24.....	285	34101-07.....	295	34320-32.....	302
33676-25.....	266	33719-17.....	277	33809-22.....	285	34105-01.....	296	34320-35.....	302
33677-05.....	266	33720-19.....	277	33810-24.....	286	34110-00.....	296	34320-40.....	302
33677-10.....	266	33720-21.....	277	33811-06.....	286	34112-00.....	296	34320-45.....	302
33677-16.....	266	33721-17.....	278	33811-08.....	286	34112-01.....	296	34320-50.....	302
33677-25.....	266	33723-17.....	278	33812-16.....	286/1	34112-02.....	296	34320-60.....	302
33678-24.....	267	33725-17.....	278	33813-12.....	286/1	34114-39.....	296	34320-70.....	302
33679-13.....	267	33727-17.....	278	33814-44.....	286/2	34116-30.....	296	34321-10.....	302
33680-22.....	267	33728-24.....	278	33814-65.....	286/2	34118-31.....	296	34321-15.....	302
33682-01.....	268	33729-01.....	278	33823-26.....	288	34120-23.....	296	34321-20.....	302
33682-02.....	268	33729-02.....	278	33825-26.....	288	34161-13.....	297	34321-25.....	302
33682-22.....	267	33729-03.....	278	33826-00.....	289	34162-13.....	297	34321-27.....	302
33683-01.....	268	33729-04.....	278	33826-01.....	289	34172-00.....	297	34321-30.....	302
33683-02.....	268	33729-05.....	278	33826-02.....	289	34172-01.....	297	34321-32.....	302
33683-03.....	268	33729-06.....	278	33826-03.....	289	34175-00.....	297	34321-35.....	302
33683-04.....	268	33729-07.....	278	33827-17.....	289	34175-01.....	297	34321-40.....	302
33683-05.....	268	33729-24.....	278	33828-21.....	290	34210-20.....	298	34321-45.....	302
33683-06.....	268	33731-22.....	279	33829-25.....	290	34212-25.....	298	34321-50.....	302
33684-00.....	269	33733-22.....	279	33830-23.....	290	34212-30.....	298	34321-60.....	302
33686-25.....	270	33740-19.....	279	33831-16.....	291	34212-35.....	298	34321-65.....	302
33687-75.....	270	33741-18.....	279	33832-01.....	291	34212-40.....	298	34321-70.....	302
33688-45.....	270	33742-18.....	279	33832-02.....	291	34214-05.....	298	34321-80.....	302
33689-90.....	270	33743-18.....	279	33832-03.....	291	34214-08.....	298	34321-90.....	302
33690-22.....	270	33745-19.....	280	33832-04.....	291	34214-10.....	298	34322-00.....	302
33691-34.....	271	33746-19.....	280	33832-05.....	291	34214-12.....	298	34322-11.....	302
33692-26.....	271	33747-18.....	280	33833-16.....	291	34214-16.....	298	34322-15.....	302
33693-32.....	271	33748-20.....	280	33910-17.....	292	34216-10.....	298	34322-20.....	302
33693-33.....	271	33749-10.....	280	33911-17.....	292	34216-15.....	298	34322-25.....	302
33693-34.....	271	33749-13.....	280	33913-17.....	292	34216-20.....	298	34322-27.....	302
33694-01.....	270	33749-19.....	280	33921-22.....	292	34220-24.....	298	34322-32.....	302
33694-03.....	270	33749-25.....	280	33923-22.....	292	34222-25.....	298	34322-35.....	302
33695-40.....	271	33754-17.....	282	33950-01.....	292	34222-30.....	298	34322-45.....	302
33696-75.....	271	33755-17.....	282	33950-02.....	292	34222-35.....	298	34392-14.....	304
33698-98.....	271	33756-17.....	282	33950-03.....	292	34230-28.....	298	34393-18.....	304
33699-00.....	270	33757-17.....	282	33950-04.....	292	34231-15.....	298	34393-21.....	304
33699-17.....	271	33758-01.....	281	33950-05.....	292	34232-00.....	298	34394-14.....	304
33700-01.....	272	33758-02.....	281	33960-15.....	292	34240-27.....	299	34401-08.....	306
33700-01-01.....	272	33758-04.....	280	33960-25.....	292	34241-00.....	299	34401-10.....	306
33700-02.....	272	33758-06.....	280	33960-45.....	292	34242-09.....	299	34401-11.....	306
33700-03.....	272	33758-08.....	280	33960-55.....	292	34242-14.....	299	34401-12.....	306
33700-04.....	272	33759-06.....	282	33961-15.....	292	34242-16.....	299	34401-13.....	306
33700-05.....	273	33759-12.....	282	33962-16.....	292	34242-22.....	299	34401-14.....	306
33700-06.....	273	33759-19.....	282	33963-12.....	293	34243-02.....	299	34401-15.....	306
33700-07.....	273	33759-25.....	282	33964-15.....	293	34244-10.....	299	34401-16.....	306
33700-08.....	273	33760-01.....	282	33964-19.....	293	34244-14.....	299	34401-17.....	306
33702-15.....	274	33760-02.....	282	33964-24.....	293	34244-16.....	299	34401-18.....	306
33703-15.....	274	33760-03.....	282	33965-15.....	293	34244-17.....	299	34401-20.....	306
33704-01.....	274	33761-21.....	282	33965-19.....	293	34246-00.....	299	34401-22.....	306
33704-02.....	274	33763-01.....	282	33965-24.....	293	34248-00.....	299	34401-23.....	306
33705-05.....	274	33763-02.....	282	33966-11.....	293	34250-00.....	299	34401-24.....	306
33705-10.....	274	33763-03.....	282	33966-15.....	293	34252-00.....	299	34401-25.....	306
33705-15.....	274	33763-04.....	282	33967-15.....	293	34270-00.....	299	34401-28.....	306
33705-20.....	274	33765-17.....	283	33967-20.....	294	34270-01.....	299	34401-30.....	306
33705-25.....	274	33767-19.....	283	33968-30.....	294	34280-00.....	300	34402-08.....	306
33706-18.....	274	33769-30.....	283	33968-60.....	294	34290-00.....	300	34402-10.....	306
33707-17.....	275	33771-71.....	283	33969-18.....	294	34295-00.....	300	34402-11.....	306
33708-19.....	275	33771-73.....	283	33969-23.....	294	34296-00.....	300	34402-12.....	306
33709-21.....	275	33801-08.....	284	33970-01.....	294	34296-05.....	300	34402-13.....	306
33710-19.....	275	33801-12.....	284	33970-02.....	294	34296-10.....	300	34402-14.....	306
33711-16.....	276	33801-18.....	284	33970-03.....	294	34296-15.....	300	34402-15.....	306
33711-18.....	275	33801-43.....	284	33971-24.....	294	34296-20.....	300	34402-16.....	306
33711-20.....	275	33801-70.....	284	33972-22.....	294	34296-25.....	301	34402-17.....	306
33711-21.....	275	33802-01.....	284	33973-27.....	294	34296-30.....	301	34402-18.....	306
33712-16.....	276	33802-02.....	284	33975-30.....	294	34296-35.....	301	34402-19.....	306
33713-16.....	276	33802-14.....	284	33977-28.....	294	34296-40.....	301	34402-20.....	306
33713-17.....	276	33803-05.....	284	34101-01.....	295	34320-10.....	302	34402-22.....	306
33714-15.....	276	33803-07.....	284	34101-02.....	295	34320-15.....	302	34402-23.....	306
33715-20.....	276	33803-43.....	285	34101-03.....	295	34320-20.....	302	34402-24.....	306

34435-10.....308	34445-18.....309	34519-02.....313	34570-02.....321	41056-28.....328
34435-12.....308	34445-20.....309	34520-02.....314	34573-35.....321	41058-18.....328
34435-14.....308	34445-25.....309	34520-03.....314	34583-60.....321	41058-28.....328
34435-16.....308	34445-28.....309	34520-04.....314	34584-60.....321	41061-16.....329
34435-18.....308	34445-30.....309	34520-05.....314	34585-60.....321	41064-16.....329
34435-20.....308	34446-16.....309	34520-06.....314	34588-01.....321	41068-20.....329
34435-22.....308	34446-18.....309	34520-07.....314	34588-02.....321	41069-20.....329
34435-23.....308	34446-20.....309	34520-08.....314	34588-03.....321	41070-29.....329
34435-24.....308	34446-25.....309	34520-09.....314	34590-00.....322	41074-23.....329/1
34435-26.....308	34446-28.....309	34520-10.....314	34590-01.....322	41075-24.....329/1
34435-28.....308	34446-30.....309	34520-12.....314	34590-02.....322	41076-03.....329/1
34435-30.....308	34447-16.....309	34520-15.....314	34596-29.....322	41076-04.....329/1
34436-16.....308	34447-18.....309	34528-01.....315	34596-37.....322	41076-05.....329/1
34436-18.....308	34447-20.....309	34528-02.....315	34596-42.....322	41076-07.....329/1
34436-20.....308	34447-25.....309	34528-03.....315	34596-49.....322	41078-23.....329/2
34436-25.....308	34447-28.....309	34530-28.....315	34597-06.....322	41079-21.....329/2
34436-28.....308	34447-30.....309	34531-21.....315	34597-07.....322	41080-19.....330
34436-30.....308	34450-08.....310	34533-17.....316	34597-08.....322	41081-19.....330
34437-16.....308	34450-10.....310	34534-15.....316	34597-09.....322	41083-19.....330
34437-18.....308	34450-12.....310	34534-18.....316	34597-10.....322	41085-20.....330
34437-20.....308	34450-14.....310	34535-16.....316	34597-11.....322	41090-33.....330
34437-25.....308	34450-15.....310	34536-14.....316	34597-12.....322	41091-31.....330
34437-28.....308	34450-16.....310	34537-19.....316	34597-13.....322	41091-41.....330
34437-30.....308	34450-18.....310	34538-01.....316	34597-14.....322	41092-30.....332
34438-16.....308	34450-20.....310	34538-02.....316	34597-15.....322	41092-40.....332
34438-18.....308	34450-22.....310	34538-03.....316	34597-16.....322	41092-50.....332
34438-20.....308	34450-25.....310	34539-01.....316	34597-17.....322	41092-60.....332
34438-25.....308	34450-30.....310	34539-02.....316	34597-18.....322	41092-70.....332
34438-28.....308	34460-08.....310	34539-03.....316	34597-19.....322	41094-00.....332
34438-30.....308	34460-10.....310	34540-01.....317	34597-20.....322	41096-21.....332
34439-00.....305	34460-12.....310	34540-02.....317	34612-00.....322/1	41097-22.....331
34439-16.....308	34460-14.....310	34540-16.....317	34613-00.....322/1	41141-25.....332
34439-18.....308	34460-15.....310	34540-18.....317	34615-00.....322/1	41143-21.....332
34439-20.....308	34460-16.....310	34540-19.....317	34617-00.....322/1	41145-21.....332
34439-25.....308	34460-20.....310	34540-20.....317	34620-25.....323	41146-18.....332
34439-28.....308	34460-22.....310	34541-23.....317/1	34624-01.....323	41146-24.....332
34439-30.....308	34460-25.....310	34542-15.....317/1	34624-02.....323	41147-21.....332
34440-01.....305	34460-30.....310	34543-23.....317/1	34624-03.....323	41149-22.....332
34440-02.....305	34470-08.....310	34544-18.....317/1	34624-04.....323	41151-24.....332
34440-03.....305	34470-10.....310	34545-22.....318	34628-01.....323	41155-20.....333
34440-16.....308	34470-12.....310	34546-16.....318	34628-02.....323	41156-18.....333
34440-18.....308	34470-14.....310	34546-18.....318	34628-15.....323	41158-01.....333
34440-20.....308	34470-15.....310	34547-01.....320/1	34628-25.....323	41158-02.....333
34440-25.....308	34470-16.....310	34547-02.....320/2	34628-35.....323	41158-03.....333
34440-28.....308	34470-20.....310	34547-03.....320/1	34629-01.....323	41161-01.....333
34440-30.....308	34470-22.....310	34547-23.....320/1	34632-25.....324	41161-02.....333
34441-16.....308	34470-25.....310	34547-28.....320/2	34634-35.....324	41161-03.....333
34441-18.....308	34470-30.....310	34548-18.....318	34637-23.....325	41161-04.....333
34441-20.....308	34480-01.....311	34549-14.....318	34639-22.....325	41161-05.....333
34441-25.....308	34480-02.....311	34550-13.....318	34640-18.....325	41210-23.....334
34441-28.....308	34480-03.....311	34550-18.....318	35548-18.....320/3	41211-23.....334
34441-30.....308	34492-01.....311	34551-17.....318	41011-15.....326	41213-23.....334
34442-16.....309	34492-02.....311	34552-16.....319	41011-19.....326	41221-00.....334
34442-18.....309	34492-03.....311	34554-15.....319	41015-23.....326	41222-00.....334
34442-20.....309	34502-15.....312	34554-18.....319	41015-26.....326	41223-00.....334
34442-25.....309	34502-21.....312	34554-20.....319	41017-23.....326	41224-00.....334
34442-28.....309	34514-18.....312	34555-15.....319	41017-26.....326	41230-19.....335
34442-30.....309	34514-27.....312	34555-18.....319	41019-14.....326	41231-19.....335
34443-16.....309	34515-01.....313	34555-20.....319	41020-00.....326	41232-19.....335
34443-18.....309	34515-02.....313	34556-18.....319	41021-00.....326	41233-19.....335
34443-20.....309	34515-09.....312	34557-22.....320	41025-01.....327	41234-19.....335
34443-25.....309	34515-10.....312	34557-25.....320	41025-02.....327	41236-19.....335
34443-28.....309	34515-11.....312	34557-30.....320	41026-35.....327	41237-19.....335
34443-30.....309	34515-12.....312	34558-32.....320	41026-50.....327	41238-19.....335
34444-16.....309	34515-13.....312	34559-47.....320	41027-00.....327	41239-19.....335
34444-18.....309	34515-15.....312	34560-57.....320	41028-00.....327	41242-19.....336
34444-20.....309	34515-20.....312	34562-24.....321	41051-20.....328	41243-19.....336
34444-25.....309	34518-01.....312	34562-32.....321	41052-20.....328	41244-19.....336
34444-28.....309	34518-02.....312	34562-48.....321	41053-20.....328	41245-19.....336
34444-30.....309	34518-03.....312	34562-64.....321	41054-20.....328	41250-11.....336
34445-16.....309	34519-01.....313	34570-01.....321	41056-18.....328	41250-15.....336

41250-18.....	336	41307-04.....	338	41512-04.....	344	41604-62.....	349	41614-58T.....	352
41253-07.....	336	41307-05.....	338	41512-05.....	344	41604-62T.....	349	41614-65.....	352
41253-11.....	336	41307-06.....	338	41513-01.....	344	41604-79.....	349	41614-65T.....	352
41253-15.....	336	41401-16.....	339	41513-02.....	344	41604-79T.....	349	41614-72.....	352
41253-18.....	336	41405-17.....	339	41513-03.....	344	41604-87.....	349	41614-72T.....	352
41254-06.....	337	41405-27.....	339	41513-04.....	344	41604-87T.....	349	41615-49.....	352
41254-10.....	337	41406-01.....	339	41513-05.....	344	41605-10.....	350	41615-49T.....	352
41254-13.....	337	41406-02.....	339	41514-01.....	344	41605-10T.....	350	41615-50.....	352
41254-16.....	337	41420-01.....	340	41514-02.....	344	41605-12.....	350	41615-50T.....	352
41254-19.....	337	41420-02.....	340	41514-03.....	344	41605-12T.....	350	41615-51.....	352
41254-25.....	337	41420-03.....	340	41514-04.....	344	41605-13.....	350	41615-51T.....	352
41254-32.....	337	41421-01.....	340	41514-05.....	344	41605-13T.....	350	41616-79.....	353
41254-38.....	337	41421-02.....	340	41515-01.....	344	41606-62.....	350	41616-79T.....	353
41290-21.....	337	41421-03.....	340	41515-02.....	344	41606-62T.....	350	41616-91.....	353
41294-40.....	337	41422-01.....	340	41515-03.....	344	41606-65.....	350	41616-91T.....	353
41295-06.....	337	41422-02.....	340	41515-04.....	344	41606-65T.....	350	41617-10.....	353
41295-07.....	337	41422-03.....	340	41515-05.....	344	41606-78.....	350	41617-10T.....	353
41295-08.....	337	41430-01.....	340	41520-03.....	344/1	41606-78T.....	350	41617-65.....	353
41295-09.....	337	41430-02.....	340	41520-05.....	344/1	41606-84.....	350	41617-65T.....	353
41295-10.....	337	41430-03.....	340	41522-03.....	344/1	41606-84T.....	350	41617-72.....	353
41295-11.....	337	41431-01.....	340	41522-05.....	344/1	41607-56.....	350	41617-72T.....	353
41295-12.....	337	41431-02.....	340	41524-03.....	344/1	41607-56T.....	350	41617-78.....	353
41295-15.....	337	41431-03.....	340	41524-05.....	344/1	41607-57.....	350	41617-78T.....	353
41297-06.....	337	41432-01.....	340	41526-03.....	344/1	41607-57T.....	350	41618-55.....	353
41297-07.....	337	41432-02.....	340	41526-05.....	344/1	41607-58.....	350	41618-55T.....	353
41297-08.....	337	41432-03.....	340	41527-03.....	344/1	41607-58T.....	350	41618-56.....	353
41297-09.....	337	41440-01.....	340	41527-05.....	344/1	41607-59.....	350	41618-56T.....	353
41297-10.....	337	41440-02.....	340	41529-03.....	344/1	41607-59T.....	350	41618-57.....	353
41297-11.....	337	41440-03.....	340	41529-05.....	344/1	41607-60.....	350	41618-57T.....	353
41297-12.....	337	41441-01.....	340	41540-02.....	344/2	41607-60T.....	350	41618-79.....	353
41298-12.....	337	41441-02.....	340	41540-03.....	344/2	41607-72.....	350	41618-79T.....	353
41299-03.....	336	41441-03.....	340	41540-04.....	344/2	41607-72T.....	350	41618-88.....	353
41299-05.....	336	41442-01.....	340	41540-05.....	344/2	41607-73.....	350	41618-88T.....	353
41299-07.....	336	41442-02.....	340	41542-02.....	344/2	41607-73T.....	350	41619-00.....	353
41300-02.....	337/1	41442-03.....	340	41542-03.....	344/2	41607-82.....	350	41619-00T.....	353
41300-03.....	337/1	41443-26.....	341	41542-04.....	344/2	41607-82T.....	350	41620-58.....	354
41300-04.....	337/1	41444-01.....	341	41542-05.....	344/2	41608-57.....	350	41620-58T.....	354
41300-05.....	337/1	41444-02.....	341	41540-06.....	349	41608-57T.....	350	41620-59.....	354
41301-15.....	337/1	41444-03.....	341	41600-62T.....	349	41608-80.....	350	41620-59T.....	354
41301-20.....	337/1	41445-25.....	341/1	41600-62T.....	349	41608-80T.....	350	41620-60.....	354
41301-25.....	337/1	41446-00.....	341/1	41600-70T.....	349	41609-70.....	350	41620-60T.....	354
41301-35.....	337/1	41447-27.....	341/2	41600-78.....	349	41609-70T.....	350	41620-61.....	354
41302-02.....	337/1	41448-02.....	342	41600-78T.....	349	41610-61.....	351	41620-61T.....	354
41303-09.....	337/2	41448-03.....	342	41600-92.....	349	41610-61T.....	351	41620-62.....	354
41303-12.....	337/2	41448-04.....	342	41600-92T.....	349	41610-68.....	351	41620-62T.....	354
41303-15.....	337/2	41449-01.....	342	41601-10.....	349	41610-68T.....	351	41620-63.....	354
41303-18.....	337/2	41449-02.....	342	41601-10T.....	349	41610-70.....	351	41620-63T.....	354
41303-25.....	337/2	41449-03.....	342	41601-11.....	349	41610-70T.....	351	41620-70.....	354
41303-30.....	337/2	41451-01.....	343	41601-11T.....	349	41611-74.....	351	41620-70T.....	354
41303-45.....	337/2	41451-02.....	343	41601-13.....	349	41611-74T.....	351	41620-78.....	354
41304-06.....	338	41451-03.....	343	41601-13T.....	349	41611-87.....	351	41620-78T.....	354
41304-08.....	338	41452-01.....	343	41602-60.....	349	41611-87T.....	351	41620-88.....	354
41304-10.....	338	41452-02.....	343	41602-60T.....	349	41611-92.....	351	41620-88T.....	354
41305-05.....	338	41452-03.....	343	41602-68.....	349	41611-92T.....	351	41621-58.....	354
41305-06.....	338	41453-01.....	343	41602-68T.....	349	41612-07.....	351	41621-58T.....	354
41305-07.....	338	41453-02.....	343	41602-75.....	349	41612-07T.....	351	41621-62.....	354
41305-08.....	338	41453-03.....	343	41602-75T.....	349	41612-09.....	351	41621-62T.....	354
41305-09.....	338	41458-20.....	343	41602-87.....	349	41612-09T.....	351	41622-58.....	354
41305-10.....	338	41510-01.....	344	41602-87T.....	349	41612-11.....	351	41622-58T.....	354
41305-12.....	338	41510-02.....	344	41603-55.....	349	41612-11T.....	351	41622-62.....	354
41305-15.....	338	41510-03.....	344	41603-55T.....	349	41612-12.....	351	41622-62T.....	354
41305-18.....	338	41510-04.....	344	41603-61.....	349	41612-12T.....	351	41623-56.....	354
41305-20.....	338	41510-05.....	344	41603-61T.....	349	41612-62.....	351	41623-56T.....	354
41305-25.....	338	41511-01.....	344	41603-65.....	349	41612-62T.....	351	41624-56.....	354
41305-30.....	338	41511-02.....	344	41603-65T.....	349	41613-74.....	352	41624-56T.....	354
41306-05.....	337/1	41511-03.....	344	41603-74.....	349	41613-74T.....	352	41625-56.....	354
41306-07.....	337/1	41511-04.....	344	41603-74T.....	349	41613-84.....	352	41625-56T.....	354
41306-09.....	337/1	41511-05.....	344	41604-54.....	349	41613-84T.....	352	41626-56.....	354
41306-12.....	337/1	41512-01.....	344	41604-54T.....	349	41613-96.....	352	41626-56T.....	354
41307-00.....	338	41512-02.....	344	41604-58.....	349	41614-58.....	352	41627-33.....	355
41307-03.....	338	41512-03.....	344	41604-58T.....	349	41614-58T.....	352	41627-33T.....	355

41627-40.....	355	41648-07.....	358	41830-30.....	368/1	43251-12.....	373	43441-02.....	378
41627-40T.....	355	41648-09.....	358	41832-32.....	368/1	43253-12.....	373	43443-13.....	378
41628-33.....	355	41648-11.....	358	41842-42.....	368/4	43256-12.....	373	43445-13.....	378
41628-33T.....	355	41649-07.....	359	41842-44.....	368/4	43258-12.....	373	43447-13.....	378
41628-40.....	355	41649-09.....	359	41842-46.....	368/4	43262-12.....	373	43449-01.....	378
41628-40T.....	355	41649-11.....	359	41843-50.....	368/4	43271-11.....	373	43449-02.....	378
41628-46.....	355	41650-07.....	359	41850-41.....	368/4	43273-13.....	373	43461-13.....	378
41628-46T.....	355	41650-09.....	359	41860-14.....	369	43304-12.....	374	43462-13.....	378
41629-32.....	355	41650-11.....	359	41860-17.....	369	43305-12.....	374	43482-20.....	378
41629-32T.....	355	41651-07.....	359	41860-20.....	369	43308-12.....	374	43485-13.....	378
41629-38.....	355	41651-09.....	359	41870-08.....	369	43309-12.....	374	43487-14.....	378
41629-38T.....	355	41651-11.....	359	41870-11.....	369	43310-13.....	374	43501-06.....	379
41630-36.....	355	41652-07.....	359	41870-14.....	369	43311-13.....	374	43501-10.....	379
41630-36T.....	355	41652-09.....	359	41870-17.....	369	43314-13.....	374	43501-12.....	379
41630-38.....	355	41652-11.....	359	41880-01.....	369	43321-12.....	374	43511-13.....	379
41630-38T.....	355	41653-18.....	360	41880-02.....	369	43325-13.....	374	43513-14.....	379
41631-36.....	355	41654-18.....	360	41880-03.....	369	43327-12.....	374	43515-14.....	379
41631-36T.....	355	41655-18.....	360	43101-03.....	370	43330-13.....	374	43517-09.....	379
41631-40.....	355	41656-18.....	360	43101-04.....	370	43331-11.....	374	43521-12.....	379
41631-40T.....	355	41657-17.....	360	43104-07.....	370	43332-12.....	374	43523-12.....	379
41631-44.....	355	41657-21.....	360	43105-06.....	370	43334-12.....	374	43524-10.....	379
41631-44T.....	355	41657-23.....	360	43106-05.....	370	43336-12.....	374	43525-05.....	379
41632-36.....	355	41658-17.....	360	43107-08.....	370	43340-13.....	374	43525-07.....	379
41632-36T.....	355	41658-21.....	360	43109-07.....	370	43342-12.....	374	43525-10.....	379
41633-35.....	355	41658-23.....	360	43109-09.....	370	43351-01.....	375	43526-12.....	379
41633-35T.....	355	41659-17.....	360	43110-08.....	370	43351-02.....	375	43542-12.....	380
41633-40.....	355	41659-21.....	360	43111-07.....	370	43351-03.....	375	43544-12.....	380
41633-40T.....	355	41659-23.....	360	43113-07.....	370	43353-13.....	375	43546-13.....	380
41634-35.....	355	41660-17.....	360	43115-05.....	370	43355-13.....	375	43548-13.....	380
41634-35T.....	355	41660-21.....	360	43121-07.....	370	43357-13.....	375	43583-07.....	380
41634-60.....	355	41660-23.....	360	43123-07.....	370	43363-01.....	375	43589-13.....	380
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41635-57T.....	355	41663-02.....	361	43129-07.....	371	43376-13.....	375	43605-12.....	381
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41636-45T.....	355	41664-14.....	362	43132-08.....	371	43380-13.....	375	43605-56.....	381
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41637-40T.....	356	41667-30.....	363	43140-08.....	371	43387-02.....	376	43610-02.....	381
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41639-44.....	356	41672-01.....	364	43170-02.....	371	43402-05.....	377	43614-23.....	381
41639-44T.....	356	41672-02.....	364	43170-03.....	371	43402-10.....	377	43614-34.....	381
41640-40.....	356	41672-03.....	364	43172-13.....	371	43402-15.....	377	43614-45.....	381
41640-40T.....	356	41672-04.....	364	43180-01.....	372	43402-18.....	377	43614-56.....	381
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41647-11.....	358	41826-26.....	368/1	43245-12.....	373	43441-01.....	378	43851-08.....	383

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55124-16.....477	57264-16.....487	61025-26.....502	61149-17.....515	61374-04.....523
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57123-35.....480	61008-23.....493	61037-29.....508	61193-02.....520/1	61471-19.....524
57125-35.....480	61009-16.....494	61038-12.....509	61193-03.....520/1	61471-28.....525
57126-34.....481	61010-18.....494	61039-00.....509/1	61193-04.....520/1	61472-19.....524
57131-26.....481	61011-19.....494	61039-12.....509	61193-05.....520/1	61472-28.....525
57137-27.....481	61011-20.....494	61039-15.....509/1	61194-26.....520/2	61473-19.....524
57138-21.....481	61012-17.....495	61039-30.....509/1	61195-28.....520/2	61473-28.....525
57141-36.....481	61012-18.....495	61039-45.....509/1	61195-32.....520/3	61481-15.....524
57146-28.....481	61012-19.....495	61039-90.....509/1	61196-26.....520/4	61481-19.....524
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57214-75.....482	61014-18.....495/1	61041-45.....509/1	61266-02.....522	61483-28.....525
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57230-17.....482	61015-18.....495/2	61045-18.....511	61266-04.....522	61484-28.....525
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57234-75.....482	61017-26.....496	61050-01.....510	61372-01.....523	61489-16.....526
57236-20.....483	61017-27.....496	61050-02.....510	61372-02.....523	61490-15.....526
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57236-30.....483	61017-33.....496	61050-04.....510	61372-04.....523	61492-16.....526
57242-20.....483	61018-28.....497	61050-05.....510	61372-05.....523	61493-01.....527
57242-25.....483	61019-30.....498	61050-07.....510	61372-06.....523	61493-02.....527
57242-30.....483	61020-27.....498	61062-16.....512	61372-07.....523	61493-03.....527

61495-01	527	63170-23.....	533	65211-23.....	540	67122-23.....	551	67206-21.....	554
61495-02	527	63173-01.....	533	65216-13.....	540	67123-23.....	551	67206-22.....	554
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61910-03	530	65124-25.....	537	65255-19.....	543	67201-30.....	554	67211-14.....	555
61910-04	530	65124-30.....	537	65256-19.....	543	67201-32.....	554	67211-16.....	555
61920-14	530/1	65130-15.....	537	65259-24.....	543	67201-34.....	554	67211-18.....	555
61920-23	530/1	65132-16.....	538	65260-24.....	543	67201-36.....	554	67211-20.....	555
61930-18	530/1	65132-20.....	538	65261-15.....	544	67205-08.....	554	67211-22.....	555
61930-21	530/1	65140-15.....	538	65262-12.....	544	67205-10.....	554	67211-24.....	555
63101-23	530/2	65140-19.....	538	65263-15.....	544	67205-12.....	554	67213-06.....	555
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69127-03.....	.560	71100-00.....	.569	71301-01.....	.574	71410-17.....	.578	71502-25.....	.582
69130-19.....	.560	71110-01.....	.570	71301-02.....	.574	71410-18.....	.578	71503-25.....	.582
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69148-00.....	.561	71120-03.....	.570	71305-03.....	.574	71410-27.....	.578	71515-24.....	.583
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69210-22.....	.562	71130-02.....	.570	71305-05.....	.574	71410-29.....	.578	71524-08.....	.583
69212-16.....	.562	71130-03.....	.570	71306-00.....	.575	71410-30.....	.578	71524-10.....	.583
69212-19.....	.562	71132-00.....	.570	71306-01.....	.575	71415-01.....	.578	71525-06.....	.583
69212-22.....	.562	71140-01.....	.570	71306-02.....	.575	71415-02.....	.578	71525-08.....	.583
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69228-01.....	.565	71211-01.....	.572	71310-40.....	.577	71420-01.....	.579	71580-32.....	.586
69229-01.....	.565	71211-02.....	.572	71313-20.....	.577	71420-03.....	.579	71581-32.....	.586
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69251-02.....	.563	71212-02.....	.572	71313-35.....	.577	71420-09.....	.579	71584-28.....	.586
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69261-41.....	.566	71240-00.....	.572	71315-40.....	.577	71420-13.....	.579	71590-04.....	.587
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69301-28.....	.566	71240-02.....	.572	71319-38.....	.577	71420-17.....	.579	71592-02.....	.587
69301-35.....	.566	71240-03.....	.572	71351-10.....	.477/577	71420-19.....	.579	71592-03.....	.587
69301-42.....	.566	71240-10.....	.572	71351-15.....	.477/577	71420-21.....	.579	71592-04.....	.587
69302-28.....	.566	71241-00.....	.572	71360-24.....	.577	71420-23.....	.579	71593-00.....	.587
69302-35.....	.566	71241-01.....	.572	71361-24.....	.577	71420-25.....	.579	71594-40.....	.587

71596-40.....587	71703-02.....595	71725-16.....597	73147-36.....603/2	75379-10.....610
71598-27.....587	71703-03.....595	71725-19.....597	73148-17.....603/2	75382-16.....610
71604-01.....588	71703-04.....595	71725-20.....597	73151-29.....604	75396-01.....611
71604-02.....588	71703-05.....595	71727-05.....597	73155-44.....604	75396-02.....611
71604-21.....588	71703-06.....595	71727-06.....597	73157-40.....604	75397-00.....611
71604-28.....588	71704-27.....595	71727-07.....597	73162-40.....604	75400-01.....612
71605-26.....588	71710-05.....597	71727-08.....597	73170-00.....604	75400-02.....612
71606-24.....588	71710-06.....597	71727-09.....597	73171-21.....604	75400-03.....612
71611-25.....588	71710-07.....597	71727-11.....597	73181-33.....605	75400-04.....612
71612-21.....588	71710-08.....597	71727-12.....597	73183-27.....605	75410-01.....612
71613-28.....589	71710-09.....597	71727-14.....597	73184-21.....605	75410-02.....612
71615-01.....589	71710-11.....597	71727-15.....597	73187-09.....605	75410-03.....612
71615-02.....589	71710-12.....597	71727-16.....597	73189-09.....605	75410-04.....612
71617-04.....589	71710-14.....597	71727-19.....597	73191-34.....605	75410-15.....612/1
71618-23.....589	71712-05.....597	71727-20.....597	73193-30.....605	75420-15.....612/1
71619-23.....589	71712-06.....597	71730-30.....597	73195-35.....605	75430-01.....612/1
71621-01.....590	71712-07.....597	71730-35.....597	73242-27.....606	75430-12.....612
71621-01-25.....590	71712-08.....597	71730-40.....597	73243-27.....606	75430-13.....612
71622-00.....590	71712-09.....597	71732-30.....597	73244-01.....606	75440-00.....612
71622-00-25.....590	71712-11.....597	71732-35.....597	73244-02.....606	75440-11.....612/1
71623-00.....590	71712-12.....597	71732-40.....597	73244-03.....606	75445-12.....612/1
71623-00-25.....590	71712-14.....597	71735-30.....597	73245-01.....606	75450-00.....612
71624-01.....591	71715-05.....597	71735-35.....597	73245-02.....606	75450-13.....612/2
71624-03.....591	71715-06.....597	71735-40.....597	73245-03.....606	75460-13.....612/2
71624-04.....591	71715-07.....597	71736-00.....599	73252-30.....606	75470-11.....612/2
71624-05.....591	71715-08.....597	71736-07.....599	73254-14.....606	75475-11.....612/2
71624-06.....591	71715-09.....597	71736-08.....599	73254-18.....606	75480-13.....612/2
71624-07.....591	71715-11.....597	71736-09.....599	73254-21.....606	75485-13.....612/2
71624-08.....591	71715-12.....597	71736-10.....599	73256-42.....607	75490-15.....612/2
71624-09.....591	71715-14.....597	71736-11.....599	73259-28.....607	75500-15.....612/2
71624-10.....591	71717-05.....597	71736-12.....599	73302-42.....607	75550-13.....613
71624-11.....591	71717-06.....597	71737-06.....599	73304-46.....607	75600-10.....613
71624-13.....591	71717-07.....597	71737-08.....599	73306-25.....607	75618-15.....613
71624-14.....591	71717-08.....597	71737-10.....599	73309-30.....607	75620-15.....613
71624-15.....591	71717-09.....597	71737-12.....599	75103-15.....608	75630-12.....614
71624-16.....591	71717-11.....597	71737-14.....599	75111-10.....608	75640-15.....614
71624-17.....591	71717-12.....597	71737-30.....597	75113-14.....608	89111-25.....615
71624-18.....591	71717-14.....597	71737-35.....597	75115-14.....608	89111-32.....615
71624-19.....591	71720-05.....597	71737-40.....597	75118-14.....608	89112-65.....615
71626-00.....592	71720-06.....597	71803-03.....600	75121-10.....608	89113-65.....615
71626-00-25.....592	71720-07.....597	71803-04.....600	75128-01.....608	89114-00.....615
71627-00.....592	71720-08.....597	71803-06.....600	75128-02.....608	89115-50.....615
71628-00.....592	71720-09.....597	71803-08.....600	75128-03.....608	89115-65.....615
71628-00-25.....592	71720-11.....597	71803-10.....600	75128-04.....608	89115-75.....615
71630-00.....590	71720-12.....597	71803-12.....600	75128-05.....608	89116-50.....615
71632-00.....593	71720-14.....597	71803-14.....600	75128-06.....608	89116-65.....615
71634-00.....593	71720-15.....597	71803-15.....600	75129-01.....608	89116-75.....615
71635-26.....593	71720-16.....597	71810-12.....601	75129-02.....608	89121-40.....617
71641-17.....594	71720-19.....597	71810-16.....601	75129-03.....608	89121-50.....617
71643-27.....594	71720-20.....597	71810-20.....601	75129-04.....608	89122-16.....617
71645-01.....594	71722-05.....597	71810-50.....601	75129-05.....608	89122-21.....617
71645-02.....594	71722-06.....597	73101-23.....602	75129-06.....608	89122-26.....617
71645-03.....594	71722-07.....597	73102-30.....602	75130-01.....608	89122-30.....617
71646-01.....594	71722-08.....597	73105-33.....602	75130-02.....608	89124-23.....618
71646-02.....594	71722-09.....597	73105-36.....602	75130-03.....608	89124-26.....618
71650-00.....596	71722-11.....597	73107-30.....602	75138-00.....608	89124-27.....618
71650-01.....596	71722-12.....597	73108-36.....602	75140-02.....608	89124-30.....618
71650-02.....596	71722-14.....597	73108-39.....602	75140-03.....608	89124-32.....618
71650-03.....596	71722-15.....597	73110-41.....602	75140-04.....608	89124-42.....618
71650-04.....596	71722-16.....597	73115-32.....603	75140-05.....608	89125-23.....618
71650-05.....596	71722-19.....597	73115-38.....603	75140-06.....608	89125-26.....618
71650-06.....596	71722-20.....597	73119-36.....603	75140-07.....608	89125-30.....618
71650-07.....596	71725-05.....597	73119-40.....603	75140-08.....608	89125-32.....618
71660-00.....596	71725-06.....597	73123-39.....603	75301-10.....609	89125-42.....618
71702-01.....594	71725-07.....597	73125-40.....603	75304-10.....609	89126-23.....618
71702-02.....594	71725-08.....597	73127-40.....603	75305-10.....609	89126-26.....618
71702-03.....594	71725-09.....597	73135-36.....603	75331-14.....609	89126-27.....618
71702-04.....594	71725-11.....597	73139-40.....603/1	75341-11.....609	89126-30.....618
71702-05.....594	71725-12.....597	73141-39.....603/1	75341-13.....609	89126-32.....618
71702-06.....594	71725-14.....597	73143-39.....603/1	75373-10.....610	89126-42.....618
71703-01.....595	71725-15.....597	73145-36.....603/1	75378-10.....610	89127-04.....619

89127-06.....619	89155-13.....622	91010-03.....628	91801-21.....634
89127-08.....619	89155-15.....622	91010-11.....628	91801-25.....634
89127-11.....619	89155-19.....622	91010-12.....628	98000-01.....635
89127-12.....619	89159-14.....622	91010-13.....628	98000-02.....635
89127-14.....619	89159-16.....622	91010-14.....628	R190.03.....622
89127-16.....619	89159-19.....622	91010-15.....628	R190.05.....622
89127-18.....619	89159-24.....622	91010-16.....628	R190.07.....622
89127-23.....618	89164-14.....622	91010-17.....628	R190.10.....622
89127-26.....618	89164-16.....622	91010-18.....628	R191.03.....622
89127-30.....618	89164-19.....622	91010-21.....628	R191.05.....622
89127-32.....618	89164-24.....622	91010-31.....628	R191.07.....622
89127-42.....618	89164-29.....622	91010-33.....628	R191.10.....622
89129-11.....619	89164-34.....622	91010-34.....628	R390.03.....622
89133-16.....619	89164-39.....622	91010-35.....628	R390.05.....622
89133-17.....619	89169-14.....622	91010-36.....628	R390.07.....622
89133-22.....619	89169-16.....622	91011-51.....629	R390.10.....622
89133-24.....619	89169-19.....622	91011-52.....629	
89133-31.....619	89169-24.....622	91011-53.....629	
89133-34.....619	89169-29.....622	91011-54.....629	
89133-38.....619	89169-34.....622	91011-55.....629	
89139-17.....619	89169-39.....622	91011-56.....629	
89139-25.....619	89174-14.....622	91011-61.....629	
89139-27.....619	89174-16.....622	91011-62.....629	
89140-02.....620	89174-19.....622	91020-01.....629	
89140-05.....620	89174-24.....622	91020-02.....629	
89140-10.....620	89174-29.....622	91020-03.....629	
89140-20.....620	89174-34.....622	91020-04.....629	
89141-10.....620	89174-39.....622	91022-05.....629	
89142-01.....620	89179-14.....622	91022-10.....629	
89142-02.....620	89179-16.....622	91022-20.....629	
89142-03.....620	89179-19.....622	91024-10.....629	
89142-04.....620	89179-24.....622	91024-15.....629	
89142-05.....620	89179-29.....622	91024-20.....629	
89142-06.....620	89179-34.....622	91030-02.....629	
89142-07.....620	89179-39.....622	91030-04.....629	
89143-00.....621	89179-49.....622	91030-06.....629	
89143-01.....621	89179-59.....622	91102-11.....630	
89143-02.....621	89250-10.....623	91104-11.....630	
89143-03.....621	89250-20.....623	91109-11.....630	
89143-04.....621	89250-30.....623	91113-11.....630	
89143-05.....621	89250-40.....623	91115-11.....630	
89143-06.....621	89250-50.....623	91122-16.....630	
89143-07.....621	89250-60.....623	91123-16.....630	
89143-08.....621	89256-29.....623	91124-16.....630	
89143-09.....621	89256-46.....623	91125-16.....630	
89143-10.....621	89256-67.....623	91127-16.....630	
89145-23.....620	89257-46.....623	91142-16.....631	
89145-30.....620	89260-13.....624	91144-16.....631	
89145-31.....620	89260-17.....624	91146-16.....631	
89145-35.....620	89260-20.....624	91152-19.....631	
89146-20.....268/621	89260-25.....624	91154-19.....631	
89147-10.....621	89260-30.....624	91157-19.....631	
89147-21.....620	89260-40.....624	91159-19.....631	
89147-24.....620	89265-12.....624	91162-19.....632	
89147-25.....621	89270-15.....624	91164-19.....632	
89147-30.....620	89500-00.....626	91166-19.....632	
89147-31.....620	89500-01.....626	91167-19.....632	
89147-35.....620	89500-02.....626	91169-19.....632	
89147-40.....620	89500-03.....626	91172-03.....632	
89147-42.....620	89500-04.....626	91172-07.....632	
89148-25.....621	89500-05.....626	91172-12.....632	
89148-31.....621/1	89500-06.....626	91190-30.....633	
89148-32.....621/1	89500-07.....626	91190-50.....633	
89148-35.....621/1	89500-08.....626	91192-30.....633	
89148-50.....621	89500-09.....626	91192-50.....633	
89150-30.....621/1	89500-10.....626	91193-30.....633	
89152-08.....622	89500-11.....626	91193-50.....633	
89152-10.....622	89500-12.....626	91800-18.....634	
89152-12.....622	89501-03.....626	91800-21.....634	
89155-08.....622	91010-01.....628	91800-25.....634	
89155-10.....622	91010-02.....628	91801-18.....634	

Abfallzange, SAUERBRUCH	227	anatomische Pinzette, CUSHING-TAYLOR	87
Abortuskürette, PESTALOZZA	606	anatomische Pinzette, DUEHRSEN	84
Abortuslöffel, CUZZI	606	anatomische Pinzette, GERALD	86, 87
Abortuslöffel, WALLICH	607	anatomische Pinzette, McINDOE	85
Abortuszange, SAENGER	606	anatomische Pinzette, OCHSNER	88
Abortuszange, WINTER	606	anatomische Pinzette, POTTS-SMITH	81
ABRAHAM, Tonsillenfasszange	468	anatomische Pinzette, SEMKEN	86
ABRAHAM, Tonsillenmesser	466	anatomische Pinzette, STILLE	81
Absauganlage f. Gißsäge	231	anatomische Pinzette, TAYLOR	87
Absaugküretten	600	anatomische Pinzette, TC	81
Absaugrohr, BUIE	566	anatomische Pinzette, USA	81
Absaugrohr, KLEINSASSER	36	anatomische Pinzette, WANGENSTEEN	89
ADAIR, Hakenzange	582	ANDERSON, Wundhaken	198
ADLERKREUTZ, Gefäßpinzette	84	ANDREW, Zungendrücker	452
ADSON, anatomische Pinzette	81/2	ANDREW-PYNCHON, Saugrohr	28
ADSON, Arterienklemme	112	Anestophon	23
ADSON, chirurgische Pinzette	81/2	Aneurysmaklemme, DeBAKEY-BAHNSON	506
ADSON, Durahaken	329	Anlegepinzette, MEHDORN	362
ADSON, Halteklemme	298	Anlegezange	357 - 360
ADSON, Hohlmeisselzange	236	Anlegezange, JOHNS-HOPKINS	104
ADSON, Hypophysenpinzette	334	Anlegezange, McKENZIE	326
ADSON, Nadelhalter	211	Anlegezange, OLIVECRONA-TOENNIS	326
ADSON, Raspator	282	Anlegezange, RANEY	327
ADSON, Saugrohr	337	Anlegezange, SMITHWICK	326
ADSON, Wundspreizer	172 - 174	Anlegezange, SWEET	326
ADSON-BABY, Arterienklemme	113	ANTRUM, Kürette	435
ADSON-BABY, Wundspreizer	173	Antrumkürette, COAKLEY	449
ADSON-BROWN, chirurgische Pinzette	82	Antrumraspel, GALLAHER	446
ADSON-Micro, anatomische Pinzette	81/2	Antrumraspel, WIENER	443
ADSON-Micro, chirurgische Pinzette	82	Anuskop, HIRSCHMANN	562
AEBLI, Ophtalmologie-Schere	58	Anuskop, IVES-FANSLER	562
Ahle, OBWEGESER	463, 463/3	Anuskop, KELLY	562, 563
AIR-INJECTION, Augenkäüle	394	ANVIL, Nagelspaltzange	613
ALAN-PARKS, Mastdarm-Spekula	561	Aorta-Aneurysmaklemme, DeBAKEY	496 - 498
ALDERDYCE, Elevator	282	Aortahaken, ROSS	148/1
ALEXANDER, Biopsiezange	589	Aortaklemme, DeBAKEY	499, 500
ALEXANDER, Flachmeissel	259	Aortaklemme, DIETRICH	510
ALEXANDER, Hohlmeissel	259	Aortaklemme, MORRIS-DeBAKEY	506
ALEXANDER, Raspator	276	Aortaklemme, WEBER	501
ALEXANDER, Uterus-Biopsiezange	589	Aortaklemme, WYLIE	501/1
ALLEN, Blinddräcklemme	544	Aortastanze	528
ALLIS, Darmfasszange	537	Approximator, BIEMER	366
ALLIS-ADAIR, Darmfasszange	537	Approximator, BIEMER-MÜLLER	363
ALLIS-BABY, Darmfasszange	537	Approximator, MÜLLER	364
ALLISON, Lungenspatel	489/2	ARCHER, Splitterzange	92
ALM, Wundhaken	168	ARLT, Starschlinge	378
ALU, Stimmgabeln	403	Armsystem	188, 189
ALVIS, Fremdkörperkürette	374	ARRUGA, Extraktionshaken	375
Amnioskop	601	ARRUGA, Kapselpinzel	391
Amniotom, BEACHAM	586	ARRUGA, Lidsperrer	370
Amputationsmesser, CATLIN	44	ARRUGA, Nadelhalter	214
Amputationsmesser, LANGENBECK	44	ARRUGA, Wundöpfel	378
Amputationsmesser, LISTON	44	Arterienklemme, ADSON	112
Amputationsmesser, REDA	44	Arterienklemme, ADSON-BABY	113
Amputationssäge, BIER	296	Arterienklemme, BAINBRIDGE	119/2
Amputationssäge, CHARRIERE	296	Arterienklemme, BENGOLEA	112
Amputationssäge, SATTERLEE	296	Arterienklemme, BIRKETT	116
Analspreizer, SMITH-BUE	561	Arterienklemme, DESJARDINS	121
Anastomosenküvette, BECK	516, 520	Arterienklemme, FUCHSIG	113
Anastomosenküvette, COOLEY	520/1, 520/4	Arterienklemme, GEMINI	115
Anastomosenküvette, COOLEY-DERRA	519	Arterienklemme, GRAY	121
Anastomosenküvette, DeBAKEY	505	Arterienklemme, GUYON	122
Anastomosenküvette, DeMARTEL-WOLFSON	546	Arterienklemme, HALSTED-MOSQUITO	105
Anastomosenküvette, DERRA	515	Arterienklemme, HARTMANN	104
Anastomosenküvette, LAMBERT-KAY	505	Arterienklemme, HEISS	112
Anastomosenküvette, POTS	493	Arterienklemme, JACOBSON	105
anatomische Pinzette	81, 86	Arterienklemme, JOHNS-HOPKINS	120
anatomische Pinzette, ADSON	81/2	Arterienklemme, KANTROWITZ	119/1
anatomische Pinzette, ADSON-DeBAKEY	81/2	Arterienklemme, KELLY	106
anatomische Pinzette, ADSON-Micro	81/2	Arterienklemme, KELLY-RANKIN	106
anatomische Pinzette, BONNEY	88	Arterienklemme, KOCHER	108
anatomische Pinzette, BROPHY	84	Arterienklemme, LAHEY	119/2
anatomische Pinzette, CUSHING	83	Arterienklemme, LAWRENCE	119
		Arterienklemme, LERICHE	111
		Arterienklemme, LOVELACE	109
		Arterienklemme, LOWER	120
		Arterienklemme, MAYO-GUYON	122
		Arterienklemme, MEEKER	119
		Arterienklemme, Micro-HARTMANN	104
		Arterienklemme, MIXTER	116, 119/1
		Arterienklemme, MIXTER-BABY	119/1
		Arterienklemme, MOYNIHAN	120
		Arterienklemme, O'SHAUGNESSY	119/2
		Arterienklemme, OVERHOLT	114
		Arterienklemme, OVERHOLT-BABY	114
		Arterienklemme, OVERHOLT-GEISSENDORFER	114
		Arterienklemme, OVERHOLT-MIXTER	115
		Arterienklemme, PEAN	108, 110
		Arterienklemme, PENNINGTON	109
		Arterienklemme, PROVIDENCE-HOSPITAL	106
		Arterienklemme, ROBERTS	117
		Arterienklemme, ROCHESTER-CARMALT	109
		Arterienklemme, ROCHESTER-OCHSNER	108
		Arterienklemme, ROCHESTER-PEAN	108
		Arterienklemme, RUMEL	117
		Arterienklemme, SAROT	118
		Arterienklemme, SPENCER-WELLS	109
		Arterienklemme, STILLE	122
		Arterienklemme, TOENNIS	117
		Arterienklemme, WIKSTROEM	117
		Arterienklemme, ZENKER	118
		AASCH, Septumrichtzange	449
		Atrauma-Arterienklemme	492 - 527
		Atrauma-Arterienklemme, DeBAKEY-MOSQUITO	509
		Atrauma-Arterienklemme, DeBAKEY-PEAN	513
		Atrauma-Arterienklemme, DeBAKEY-RANKIN	512
		Atrauma-Bulldogklemme, DeBAKEY	103
		Atrauma-Bulldogklemme, GLOVER	103
		Atrauma-Darmfaßzange	539
		Atrauma-Neonatalklemme	523
		Atrauma-Pinzette, DeBAKEY	98
		Atrauma-Pinzette, DeBAKEY TC	99
		Atrauma-Gefäßklemme, BECK	516
		AUFFRANC-COBRA, Knochenhebel	289
		AUFFRANC-COBRA, Wundhaken	289
		Aufreiber, KUENTSCHER	321
		AUFRIECHT, Nasenhaken	447
		AUFRIECHT, Nasenraspel	443
		Aufsatz, BARACANI	472
		Aufsatz, BRUENINGS	472
		Aufsatz, CORDES	472
		Aufsatz, FRAENKEL	472
		Aufsatz, KRAUSE	472
		Aufsatz, LANGE	472
		Aufsatz, Reinigungspistole	626
		Aufsatz, SCHEINMANN	472
		Aufsatz, SCHUMACHER	472
		Aufsatz, SEIFERT	472
		Aufsatz, SLUDER-BALLINGER	470
		Aufsatz, Uterus-Biopsiezangen	591
		Augenküüle	394
		Augenküüle, AIR-INJECTION	394
		Augenküüle, JENSEN	394
		Augenküüle, LACRIMAL	394
		Augenküüle, McINTYRE	394
		Augenküüle, SHEETS	394/2
		Augenmagnet, REDA	395
		Augenpinzetten	382 - 393
		Augenschere, BARRAQUER	75
		Augenschere, NOYES	75
		Augenschere, VANNAS	79
		Augenschere, WECKER	75

Augenschere, WESTCOTT	75	Bauchdeckenhalter, DENIS-BROWNE	185	Biopsiezange, KEVORKIAN	589, 591
Aurikelklemme, HARKEN	503	Bauchdeckenhalter, DOYEN	189/1	Biopsiezange, KEVORKIAN-PACIFIC	592
Autopsiesäge	230, 230/2	Bauchdeckenhalter, FRAZIER	181	Biopsiezange, MAXI GRASPER	593
AUWARD, Scheidenspekula	576	Bauchdeckenhalter, GELPI	189/1, 189/2	Biopsiezange, MINI-TOWNSEND-DOWN	591
AXENFELD, Chalazionskürette	377	Bauchdeckenhalter, GOSSET	181	Biopsiezange, MINI-TOWNSEND-UP	591
AYER, Chalazionspinzette	393	Bauchdeckenhalter, HORGAN	183	Biopsiezange, SCHUBERT	588
B		Bauchdeckenhalter, JACKSON-BURROWS	189/2	Biopsiezange, SCHUMACHER	588, 589
BABCOCK, Darmfasszange	539	Bauchdeckenhalter, KIRSCHNER	185 - 187/1	Biopsiezange, THOMAS-GAYLOR	588
BABINSKI, Perkussionshammer	24	Bauchdeckenhalter, O'SULLIVAN-O'CONNOR	181	Biopsiezange, TISCHLER-BABY	592
BABY-BURKE, Uterus-Biopsiezange	590	Bauchdeckenhalter, RICARD	191	Biopsiezange, TISCHLER-DOWN	591
BABY-GOSSET, Bauchdeckenhalter	181	Bauchdeckenhalter, RIGBY	189/2	Biopsiezange, TISCHLER-KEVORKIAN	592
BABY-KOCHER, Darmklammer	540	Bauchdeckenhalter, ROCHARD	186	Biopsiezange, TISCHLER-MORGAN	590, 591
BABY-METZENBAUM, Supercutschere	71	Bauch- u. Darmspatel	143/2	Biopsiezange, TISCHLER-UP	591
BABY-OLSEN-HEGAR, Nadelhalter	212	Bauch- u. Darmspatel, KADER	143/1	Biopsiezange, TOWNSEND	591
BABYPHON, Blutdruckmessgerät	10	Bauch- u. Darmspatel, KÖRTE	143/1	Biopsiezange, VAN DOREN	588
BABY-TISCHLER, Uterus-Biopsiezange	592	Bauch- u. Darmspatel, KÜMMEL	143/4, 144	Biopsiezange, WITTNER	589
BABY-WEBSTER, Nadelhalter	208	Bauch- u. Darmspatel, LERICHE	143/4	Bipolare Koagulation	630 - 633
BABY-YANKAUER, Saugrohr	27	BAUMGARTNER, Nadelhalter	208	Bipolarkabel	633
BACKHAUS, Tuchklemme	132	BEACHAM, Amnionot	586	Bipolare Pinzette	630 - 632
BACKHAUS-CLIP, Tuchklemme	132	BECHERT, Linsenmanipulator	379	BIRCHER-GANSKE, Knochenhaltezange	246
BAILEY-BABY, Rippenkontraktor	489/1	BECK, Anastomosenklemme	516, 520	BIKERTT, Arterienklemme	116
BAILEY-GIBBON, Rippenkontraktor	489/1	Beckenzirkel, COLLIER	605	BISHOP-HARMAN, Irispinzette	386
BAILEY, Rippenkontraktor	489/1	Beckenzirkel, COLLIN	605	BISHOP-HARMON, Spül- und Saugkanüle	394/1
BAINBRIDGE, Arterienklemme	119/2	Beckenzirkel, MARTIN	605	Blätter-Wechselpinzette	179
BAINBRIDGE, Mehrzweck-Gefäßklemme	495/1, 495/2	BECKER, Cystomat	375	BLAKE, Gallensteinzange	530/2
BAKES, Gallengangdilatator	532	BECKMANN, Ringmesser	450	BLAKE, Uteruskürette	595
BALFOUR-BABY, Bauchdeckenhalter	182	BECKMANN, Wundspreizer	176	Blasenhalssperre, MILLIN	553
BALFOUR, Bauchdeckenhalter	182	BECKMANN-ADSON, Wundspreizer	175	Blasenspatel, KOCHER	552
BALFOUR, Haken	193	BECKMANN-EATON, Wundspreizer	176	Blasenspatel, LEGUEU	552
BALFOUR-US, Bauchdeckenhalter	184	BEEBEE, Kronenschere	68	Blasenwundspreizer, JUDD-MASSON	552
BALFOUR, Valve f. Bauchdeckenhalter	183	BEER, Ciliendpinzette	395	Blasenwundspreizer, LEGUEU	553
BALL AND SOCKET, Tuchklemme	133	BEESON, Gipspreizer	232	Blasenwundspreizer, MILLIN	552
BALLINGER, Schwingmesser	436	Begrenzungsschelle	230/17	Blasenwundspreizer, THOMSON-WALKER	552
BALLINGER, Septumelevator	439	Beinhautmesser	47	Blattosteotom, OBWEGESER	464/1
BALLINGER, Tonsillenzange	467	Beleuchtungsstab f. MORGAN	565	Bleihand	250
Bandmass	25	BELLUCCI, Mikro-Ohrscherchen	413, 417	Blinddarmklemme, ALLEN	544
Band scheibenstanze, COLCLOUGH	344/1	BENDER, Einschläger	322/1	Blinddarmklemme, KLEINSCHMIDT	544
Band scheibenstanze, FERRIS-SMITH-KERRISON	344, 344/2	BENGOLEA, Arterienklemme	112	BLOHMKE, Tonsillenzange	467
BANE-HARTMANN, Hohlmeisselzange	237	BENNITT, Knochenhebel	283	BLOUNT, Knochenhebel	288
BANGERTER, Zylkodilaysespatal	379	BENSAUDE, Proktoskop	565	BLOUNT, Meniskushaken	289
BARACANI, Aufsatz	472	BENSON, Pyloruspreizer	544	BLUMENTHAL, Hohlmeisselzange	236
BARANY, Lärm trommel	405	BERENS, Diszisionsmesser	372	Blutdruckmessgerät, BABYPHON	10
BARBARA, Häckchen	419	BERGMANN, Hammer	272	Blutdruckmessgerät, DIPLOMAT	5
BARBARA, Nadel	419	BERGMANN, Verbandschere	69/1	Blutdruckmessgerät, EXACTA	8
BARCAN, Goniotomiemesser	373	BERKE, Muskelpinzette	389	Blutdruckmessgerät, PRECISA	9
BARNHILL, Ringmeser	450	BERLINER, Perkussionshammer	24	Blutschöpfloß	268
BARON, Saugrohr	336	BERNHARD, Tuchklemme	133	Blutstillungsmeißel, PASSOW	260
BARR, Mastdarmspekula	559	BERRY, Drahtzange	319	BOHLER, Hohlmeisselzange	238
BARRAQUER, Augenschere	75	Bescheidungsgerät, MOGEN	556	BÖHLER, Knochen splitterzange	241
BARRAQUER, Ciliendpinzette	395	Bescheidungsinstrument	556	BODENHAMMER, Mastdarmspekula	559
BARRAQUER, Fixationspinzette	390	BETHUNE, Rippenschere	481	BOEHLER, Extensionsbügel	312
BARRAQUER, Irispinzette	384	BEYER, Hohlmeisselzange	237	BOERMA, Geburtszange	604
BARRAQUER, Keratoplastik-Messer	373	Biegeisen, BENDER	322	BOETTCHER, Tonsillenschere	59
BARRAQUER, Lidsperre	370	Biegehebel, LANE	325	Bohrapparat, STILLE-SHERMAN	298
BARRAQUER, Nadelhalter	216, 217	BIEMER, Approximator	366	Bohrdraht, KIRSCHNER	306, 307
BARRAQUER-KATZIN, Irispinzette	384	BIEMER, Gefäsclip	361	Bohrdrahtspender	305, 310
BARRAQUER-TROUTMAN, Nadelhalter	216	BIEMER-MÜLLER, Approximator	363	Bohrdrahtstütze	299
BARRET, Hakenzange	582	BIER, Amputationsäge	296	Bohrer	298, 302
BARTON, Geburtszange	603/2	BILL, Zughebel	604	Bohrer, CRUTCHFIELD	327
BARTON, Zughebel	603/2	BILLEAU, Ohrschlinge	409	Bohrer, ERRICO	299
Batteriegriff, Kaltlicht	33	Biopsie- und Absaugkürette	600	Bohrer, McKENZIE	299
Batteriegriff, Warmlicht	32	Biopsiekülane, MENGINI	206	BOIES, Elevator	277
Bauch- u. Darmspatel	143/1 - 143/4	Biopsiekürette	600	Bolzen Schneider	320
Bauch- u. Darmspatel, KÜMMEL	143/4	Biopsiekürette, HEANY	587	BONACCOLTO, Strabismuspinzette	385
Bauchdeckenhalter, BABY-GOSSET	181	Biopsiekürette, KEVORKIAN	587	BONN, Irispinzette	387
Bauchdeckenhalter, BALFOUR	182	Biopsiekürette, MOD. MÜNCHEN..	587	BONNEY, Pinzette	88
Bauchdeckenhalter, BALFOUR-BABY	182	Biopsiekürette, NOVAK	587	BOSE, Tracheahaken	477
Bauchdeckenhalter, BALFOUR-US	184	Biopsiekürette, RANDALL	587	BOSE, Trachealspreizer	476
Bauchdeckenhalter, CHARNEY	289	Biopsiezange, ALEXANDER	589	BOUCHERON, Ohrspekula	399
Bauchdeckenhalter, COLLIN	190	Biopsiezange, BABY-TISCHLER	592	BOWMAN, Diszisionsnadel	374
Bauchdeckenhalter, COLLIN-LOKTITE	191	Biopsiezange, BURKE	590	BOWMAN, Lidsperre	370
Bauchdeckenhalter, DeBAKEY	189/1	Biopsiezange, EPPENDORFER	590	BOWMAN, Tränenkanalsonde	381
		Biopsiezange, FAURE	588	BOYNTON, Nadelhalter	214

BOYS-ALLIS, Darmfaßzange	538	Carotis-Shuntklemme, JAVID	511	Ciliengenähte, BEER	395
BOZEMANN, Nadelhalter	211	CARPENTER, Tonsillenelevator	465	Ciliengenähte, DOUGLAS	395
BOZEMANN, Tamponzange	138	CARPENTER, Tonsillenmesser	465	Ciliengenähte, GRADLE	395
BOZEMANN-DOUGLAS, Tamponzange	138	Cartilageschere, MARTIN	465	Ciliengenähte, LITTAUER	395
BRAND, Sehnentastinstrument	293	CASPAR, Laminektomiespreizer	179 , 180	CINELLI, Septummeißel	441
BRAND, Sehnenschäler	294	CASPAR, Spreizer	197	Circumcongerät	556
BRAUN, Dekapitationshaken	607	CASPAR, Stössel	258	CITELLI, Knochenstanze	430
BRAUN, Hakenzange	582	CASPAR, Wundspreizer	179, 180	CLAR, Stirnlampe	22
BRAUN, Kraniklast	607	CASTANEDA, Neonatal-Gefäßklemme	527	CLARK, Lidsperrer	370
BRAUN, Uterusdepressor	586	CASTROVIEJO, Diszisionsmesser	372	CLAUS, Tonsillenadel	466
BRAUN-STADLER, Episiotomie-Schere	64	CASTROVIEJO, Fixierpinzette	390	CLAUS-EICKEN, Tonsillenadel	466
BREAST, Wundhaken	198	CASTROVIEJO, Hornhautschere	79	CLAYMAN, Häkchen	376
BREISKY, Scheidenskulpta	577	CASTROVIEJO, Kapselpinzette	391	CLEVELAND, Hohlmeißelzange	235
Breiten-Messinstrument	594	CASTROVIEJO, Klingenbrecher	45	Clipanlegezange, ETHICON	524, 525
BRISTOW, Knochenhebel	290	CASTROVIEJO, Lidsperrer	371	Clipanlegezange, HORIZON	524, 525
BRODIE, Hohlsonde	199	CASTROVIEJO, Messzirkel	380	Clipanlegezange, PILLING	524, 525
Bronchoskopiezange, CHEVALIER-JACKSON	473	CASTROVIEJO, Nadelhalter	215, 216	Clipanlegezange, SLS Clips	524, 525
Bronchusklemme	126	CASTROVIEJO, Nahtpinzette	392	CLOWARD, Laminektomiezange	342
Bronchusklemme, FINOCCHIETTO	490	CASTROVIEJO, Tränenkanalidilatator	381	CLOWARD, Wirbelpferspreizer	339
Bronchusklemme, HARRINGTON	490	CASTROVIEJO, Zykloidialysespatel	379	CLOWARD, Wundsperrer	178/1 - 178/4
Bronchusklemme, LEES	504	CASTROVIEJO-MICRO, Nadelhalter	215	COAKLEY, Antrumkürette	449
Bronchusklemme, PRICE-TOMAS	490	CASTROVIEJO-STANDARD, Nadelhalter	216	COAKLEY, Kieferhörentrokar	204
Bronchusklemme, SEMB	491	CATLIN, Amputationsmesser	44	Coarctationsklemme, DeBAKEY	507
BROPHY, Pinzette	84	Cauter, WADSWORTH-TODD	378	Coarctationsklemme, POTTS	492
BROWN, Gewebeplastik	83	CAWOOD-MINNESOTA, Wangenhalter	451	COBB, Hohlmeissel	262
BROWN, Nadelhalter	209	Cervicalspreizer, CLOWARD	178/1 - 179	COBB, Kürette	252
BRUEININGS, Aufsatz	472	Chalazionskürette, AXENFELD	377	COBB, Raspator	280
BRUENINGS, Ohrspekula	401	Chalazionskürette, HEBRA	377	COBB, scharfer Löffel	252
BRUENINGS, Septumzange	425	Chalazionskürette, MEYHOEFER	377	COLCLOUGH, Bandscheibenstanze	344/1
BRUENINGS, Tonsillenmesser	466	Chalazionspinzette, AYER	393	COLLER-CRILE, Arterienklemme	106
BRUENINGS, Tonsillenschneider	468	Chalazionspinzette, DESMARRES	393	COLLIER, Beckenzirkel	605
BRUENINGS, Verlängerungsrohr	472	Chalazionspinzette, LAMBERT	393	COLLIER, Nadelhalter	208
BRUENINGS, Zungenspatel	451	CHANDLER, Elevator	282	COLLIN, Bauchdeckenhalter	190
BRÜNING-LUCAS, Flachmeissel	260	CHAPUT, Gewebeplastik	110	COLLIN, Beckenzirkel	605
BRUNETTI, Meissel	268	CHARNLÉY, Bauchdeckenhalter	289	COLLIN, Darmfasszange	539
BRUNNER, Darmklemme	543	CHARRIERE, Amputationssäge	296	COLLIN, Dynamometer	25
BRUNNER, Führungshohlsonde	221/1	CHEATLE, Sterilisierzange	227	COLLIN, Gewebeplastik	110
BRUNNER, Rippenschere	481	CHELSEA-EATON, Proktoskop	563	COLLIN, Hammer	270
BRUNNER, Wundhaken	167	CHERON, Tupferzange	137	COLLIN, Nabelschurklemme	605
BRUNS, scharfer Löffel	251	CHERRY, Laminektomiesperrer	488	COLLIN, Scheidenskulpta	570
BRUNS, Verbandschere	70	CHEVALIER-JACKSON, Bronchoskopiezange	473	COLLIN, Sonde	586
Bruststütze, KLEINSASSER	36	CHEVALIER-JACKSON, Trachealkanüle	479	COLLIN, Tupferzange	137
Bruststütze, NEGUS	459	CHILDE, Wundklammerzange	224	COLLIN, Uterus-Fasszange	585
BRYANT, Tupferzange	137	chirurgische Nadel	222	COLLIN, Uterussonde	586
BUCHWALD, Zungenspatel	451	chirurgische Nadel, KEITH	223	COLLIN, Wundhaken	139
BUCK, Fremdkörperhebel	412	chirurgische Nadel, KOENIG	223	COLLIN, Wundklammerzange	224
BUCK, Ohrkürette	407	chirurgische Pinzette	81/1	COLLIN, Zungenzange	453
BUCK, Perkussionshammer	24	chirurgische Pinzette, ADLERKREUZ	84	COLLIN-DUVAL, Fasspinzette	85
BUCK-GRAMCKO, Knochenhebel	285	chirurgische Pinzette, ADSON	81/2, 82	COLLIN-HARTMANN, Wundhaken	141
BUIE, Rektal-Absaugrohr	566	chirurgische Pinzette, ADSON-BROWN	82	COLLIN-LOKTITE, Bauchdeckenhalter	191
Bulldogklemme, atrauma	100	chirurgische Pinzette, ADSON-Micro	82	Columna-Pinzette, COTTLÉ	448
Bulldogklemme, DeBAKEY	103	chirurgische Pinzette, BONNEY	88	COLVER, Tonsillenfasszange	467
Bulldogklemme, GLOVER	103	chirurgische Pinzette, BROPHY	84	CONE, Schädelstanze	331
Bulldogklemme, JOHN'S-HOPKINS	104	chirurgische Pinzette, BROWN	83	CONNIN-AMSLER, Markierungsinstrument	380
BÜLOW-GUNAR-HEY, Rollenklemme	130	chirurgische Pinzette, CUSHING	83	CONVERSE, Nasenhaken	448
BUHM, Uteruskürette	597, 598	chirurgische Pinzette, FERRIS-SMITH	85	CONVERSE, Nasenmessner	435
BUNELL, Handbohrapparat	299	chirurgische Pinzette, GERALD	87	COOLEY, Anastomosenklemme	520/1
BUNELL, Schnenführer	294	chirurgische Pinzette, GILLIES	86	COOLEY, Aortaklemme	520/3
BUNELL, Schnenhäler	292	chirurgische Pinzette, LANE	84	COOLEY, Gefäßklemme	520/1 - 520/4
BUNGE, Exenterationslöffel	378	chirurgische Pinzette, LERCHE	83	COOLEY, Katheterklemme	510
BUNT, Steriliserklemme	227, 624	chirurgische Pinzette, McINDOE	85	COOLEY, Kinder-Gefäßklemmen	522
BURCH, Fixiergabel	373	chirurgische Pinzette, OEHLER	81/1	COOLEY, Mehrzweck-Gefäßklemme	518 - 520
BURKE, Uterus-Biopsiezange	590	chirurgische Pinzette, POTTS-SMITH	81	COOLEY, Rippensperrer	485, 487
Bürstenspender	611	chirurgische Pinzette, SEMKEN	86	COOLEY, Saugrohr	28
BUSCH, Nabelschnurschere	64	chirurgische Pinzette, Standard	81/1	COOLEY, Wundhaken	148
BUSHE, scharfer Löffel	256	chirurgische Pinzette, STILLE	81/1	COOLEY-DERRA, Anastomosenklemme	519
C		chirurgische Pinzette, STILLE-BARRAYA	88	COOLEY-NEONATAL, Rippensperrer	485
CANFIELD, Tonsillenmesser	466	chirurgische Pinzette, STRASSBURGER MODELL	89	COOPER, Unterbindungsnaht	219
CAPLAN, Nasenzange	428	chirurgische Pinzette, TAYLOR	87	CORDES, Aufsatz	472
Cardiovascular-Klemme	526	chirurgische Pinzette, WAUGH	83	CORONAL-BROW, Wundhaken	198
CARMALT, Splitterpinzette	91	chirurgische Schere, DEAKER	52	CORWIN-HEGAR, Drahtzange	319
CAROLL, Sehnentastinstrument	293	chirurgische Schere, STANDARD	51	CORYLLOS, Rippenschere	480

CORYLLOS, Wundhaken	166	Darmklemme, FEHLAND	542	DEMEL, Drahtspanninstrument	315
COS, Mikro-Ohrzängchen	414	Darmklemme, HAYES	545	DEMEL, Drahtumführungsnadel	315
COTTE, Bulldogschere	56	Darmklemme, KOCHER	540	DENHART, Mundsperrer	454
COTTE, Columella-Pinzette	448	Darmklemme, LANE	547	DENIS-BROWNE, Bauchdeckenhalter	185
COTTE, Fixierpinzette	410	Darmklemme, MAYO-ROBSON	541	DERF, Nadelhalter	208
COTTE, Hammer	273	Darmklemme, MIKULICZ	543	Dermatom, HUMBY	50
COTTE, Hauthäkchen	447/1, 448	Darmklemme, PAYR	548	Dermatom, SCHINK	49
COTTE, Knorpelquetscher	440	Darmklemme, RESANO	542	Dermatom, SILVER	50
COTTE, Nasenhaken	447, 447/1	Darmklemme, SCUDDER	541	Dermatom, WATSON	50
COTTE, Nasenmesser	435	Darmklemme, STONE-WATT	545	DERRA, Anastomosenklemme	515
COTTE, Nasenschere	59	Darmschere	66	D'ERRICO, Nervwurzelhaken	329/2
COTTE, Nasenspekula	423	Darmspatel	143/1 - 143/4	DESCHAMPS, Unterbindungsnael	218
COTTE, Osteotom	440	Darmspatel, HABERER	143/3	DESGARDINS, Arterienklemme	121
COTTE, Schere	56	Darmspatel, KADER	143/3	DESGARDINS, Gallensteinlöffel	534
COTTE, Septumelevator	439	Darmspatel, KÖRTE	143/3	DESGARDINS, Gallensteinsonde	531
COTTE, Septummeissel	440	Darmspatel, KÜMMEL	143/4	DESGARDINS, Gallensteinzange	530/2
COTTE-JOSEPH, Septumelevator	439	Darmspatel, LERICHE	143/4	DESMARRES, Chalazionspinzette	393
COTTE-KAZANJIAN, Knochensplitterzange	241	Darmspatel, REVERDIN	143/3	DESMARRES, Wundhaken	151
COTTE-NEIVERT, Hauthäkchen	448	Darmspatel, RIBBON	143/1	DEUTSCHMANN, Starmesser	371
COXETER, Metallkatheter	555	Darm- u. Gewebegefasszange, GREGOIRE	538	DeVILBISS, Schädelzange	332
CRAFOORD, Arterienklemme	118	DARTIGUES, Uterusfasszange	585	Diagnostik-Besteck ECO "C"	16
CRAFOORD, Lungenschere	65/2	DASTOOR, Strabismuspinzette	386	Diagnostik-Besteck ECO "T"	16
CRAFOOD-SELLORS, Arterienklemme	119	DAUBENSPECK, scharfer Löffel	255	Diagnostik-Besteck, RI-MINI	17
CREGO, Elevator	282	DAVIDSON (SCAPULA), Wundhaken	166	Diagnostik-Besteck, UNI III	15
CRILE, Arterienklemme	107	DAVIEL, Starlköpfel	377	DIEFFENBACH, Gefäßklemme	104
CRILE, Nadelhalter	213	DAVIS, Duradisektor	332	DIETER, Mikro-Ohrzängchen	414
CRILE, Nervhaken	328	DAVIS, Fremdkörpernael	374	DIETRICH, Aortaklemme	510
CRILE, Wundhaken	140	DAVIS, Hirnspatel	337	DIETRICH, Gefäßschere	60
CRILE-MURRAY, Nadelhalter	209	DAVIS, Sterilisierpinzette	227	DIETRICH, Mini-Bulldogklemme	101
CRILE-RANKIN, Arterienklemme	107	DAVIS-BOYLE, Mundsperrer	455	Dilatationsbougie, DITTEL	554
CRILE-WOOD, Nadelhalter	209	DAVIS-BOYLE, Sperrer	455	Dilatationsbougie, GUYON	554
CRITCHETT, Lidsperrer	370	DAVIS-BOYLE, Zugendrücker	455	Dilatationsbougie, VAN BUREN	554
CRUTCHFIELD, Bohrer	327	DAVIS-MEYER, Mundsperrer	457	Dilatator, BAKES	532
CRUTCHFIELD, Schädelhalter	327	DAY, Häkchen	409	Dilatator, CASTROVIEJO	381
CUSCO, Scheidenspekula	570, 571	DEAN, Irmismesser	372	Dilatator, DeBAKEY	529
CUSHING, Bohrer	299	DEAN, Tonsillenschere	59	Dilatator, GOODELL	581
CUSHING, Hirnspatell	336, 369	DEAVER, Präparierschere	52	Dilatator, HANK	580
CUSHING, Laminektomiezange	340	DEAVER, Wundhaken	145, 146	Dilatator, HEGAR	578, 579
CUSHING, Nervenhaken	328	DEAVER-GRIP, Wundhaken	146	Dilatator, PRATT	580
CUSHING, Pinzette	83, 87	DeBAKEY, Anastomosenklemme	505	Dilatator, RITTER-HALLE	433
CUSHING, Wundhaken	151, 152	DeBAKEY, Aorta-Aneurysmaklemme	496 - 498	Dilatator, SIMS	581
CUSHING (TAYLOR), Pinzette	87	DeBAKEY, Aortaklemme	499, 500	Dilatator, WALTHER	555
CUZZI, Abortuslöffel	606	DeBAKEY, Atrauma-Bulldogklemme	103	Dilatator, WILDER	381
Cystotom, BECKER	375	DeBAKEY, Atrauma-Pinzette	98, 99	Dilatator, WYLIE	581
Cystotom, GRAEFE	375	DeBAKEY, Bauchdeckenhalter	189/1	Dilatator, ZIEGLER	381
CZERNY, Hakenzange	584	DeBAKEY, Coarctationsklemme	507	DINGMANN, Elevator	463/3
CZERNY, Mastdarm-Spekula	559	DeBAKEY, Gefäßdilatator	529	DINGMANN, Knochenhaltezange	246
CZERNY, Wundhaken	141	DeBAKEY, Gefäßklemme	493 - 499	DINGMANN, Mundsperrer	456
D DALE, Gefäßklemme	494, 495	DeBAKEY, Gefäßschere	61	DINGMANN, Raspator	463, 463/3
DANDY, Arterienklemme	109	DeBAKEY, Ligaturklemme	499 - 500	DINGMANN, Sperrer	456
DANDY, Nervenhaken	328	DeBAKEY, Mehrzweck-Gefäßklemme	495, 508, 514 - 517	DIPLOMAT, Blutdruckmeßgerät	5
DARDIK, Gefäßklemme	509/1	DeBAKEY, Nadelhalter	210	Dissektor, FISCH	420
DARLING, Wundspreizer	178	DeBAKEY, Saugrohr	28	Dissektor, GORNEY	277
Darmfasszange, ALLIS	537	DeBAKEY, Tangentialklemme	502	Dissektor, ROBB	530
Darmfasszange, ALLIS-ADAIR	537	DeBAKEY-BAHNSON, Aneurysmaklemme	506	Dissektor, PENFIELD	333
Darmfasszange, ALLIS-BABY	537	DeBAKEY-DIETHRICH, Mini-Bulldogklemme	101	Diszisionsmesser, BERENS	372
Darmfasszange, atrauma	539	DeBAKEY-MIXTER, Präparier- u. Ligaturklemme	499/2	Diszisionsmesser, CASTROVIEJO	372
Darmfasszange, BABCOCK	539	DeBAKEY-MOSQUITO, Atrauma-Arterienklemme	509	Diszisionsmesser, GRAEFFE	372
Darmfasszange, BOYS-ALLIS	538	DeBAKEY-PEAN, Atrauma-Arterienklemme	513	Diszisionsmesser, WHEELER	373
Darmfasszange, COLLIN	539	DeBAKEY-RANKIN, Atrauma-Arterienklemme	512	Diszisionsmesser, ZIEGLER	373
Darmfasszange, DOYEN-BABY	540	DeBAKEY-RUMEL, Gefäßklemme	499	Diszisionsnadel	374
Darmfasszange, DUVAL	539	DeBAKEY-SATINSKY, Tangentialklemme	502	Diszisionsnadel, BOWMAN	374
Darmfasszange, JUDD-ALLIS	538	DeBOER, Rippensperrer	486	DITTEL, Dilatationsbougie	554
Darmfasszange, LITTLEWOOD	538	DECKER, Rongeur	341	DIX, Fremdkörperflachmeissel	374
Darmfasszange, LOCKWOOD-ALLIS	538	DEJERINE, Perkussionshammer	24	DIX, Fremdkörperinstrument	380
Darmfasszange, THOMS-ALLIS	538	Dekapitationshaken, BRAUN	607	Doppelkürette	612
Darmfasszange, WILLIAMS	539	DeLEE, Geburtszange	602	Doppelküpfel, VOLKMANN	257
Darmklemme, BABY-KOCHER	540	DeLEE, Scheidenspekula	574	DOUGHTY, Zungenspatel	458
Darmklemme, BRUNNER	543	DeMARTEL, Führungsinstrument	330	DOUGLAS, Ciliエンpinzette	395
Darmklemme, DeMARTEL-WOLFSON	546	DeMARTEL-WOLFSON, Anastomosenklemme	546	DOUGLAS, Kielerhöhlentrokar	204
Darmklemme, DOYEN	540	DeMARTEL-WOLFSON, Darmklemme	546	DOUGLAS, Tonsillenmesser	466
		DeMARTEL-WOLFSON, Klemmenhalterung	546	DOYEN, Bauchdeckenhalter	189/1
		DeMARTEL-WOLFSON, Klemmenschliesszange	546	DOYEN, Darmklemme	540

DOYEN, Hohlsonde	199	Elevator, DINGMAN	463, 463/3	Fadenpinzette, Mod. TUEBINGEN	392
DOYEN, Myomheber	594	Elevator, DINGMANN	463/3	Fadenpinzette, PAUFIQUE	392
DOYEN, Raspator	278	Elevator, FREER	434, 437, 439	Fadenschere, HEATH	66
DOYEN, Scheidenspekula	574	Elevator, HAJEK-BALLINGER	439	Fadenschere, LITTAUER	66
DOYEN, Schere	63	Elevator, HALLE	437	Fadenschere, NORTHBENT	66
DOYEN, Tuchklemme	133	Elevator, HOWARTH	438	Fadenschere, SPENCER	66
DOYEN, Uterus-Polyenzange	585	Elevator, JOSEPH	437	FANSLER, Proktoskop	564
DOYEN, Wundhaken	163	Elevator, KEY	282	FARABEUF, Knochenhaltezange	243
DOYEN-BABY, Darmklemme	540	Elevator, KILLIAN	438, 439	FARABEUF, Raspator	274
DOYEN-JANSEN (MOLT), Mundsperrer	454	Elevator, LEMPERT	420	FARABEUF, Wundhaken	139
DOYEN-STILLE, Wundhaken	167	Elevator, MASING	437	FARABEUF-COLLIN, Raspator	274
Drahtbogen, ERICH	461/2	Elevator, McDONALD	283	FARABEUF-LAMBOTTE, Knochenhaltezange	243
Drahtfasszange	316, 318	Elevator, McKENTY	437	FARRELL, Watteträger	203
Drahtgeflecht	311	Elevator, MURPHY-LANE	283	Fasspinzette	305
Drahtkneifzange	317 - 320/3	Elevator, OBWEGESER	461/1	Fasspinzette, COLLIN-DUVAL	85
Drahtsäge, OLIVECRONA	332	Elevator, PENNINGTON	438	Fasspinzette, DURANTE	88
Drahtschere, UNIVERSAL	67	Elevator, PIERCE	438	Fasspinzette, DUVAL	85
Drahtspanninstrument, DEMEL	315	Elevator, ROGER	437	Fasspinzette, LERCHE	83
Drahtspanninstrument, LOUTE	315	Elevator, SAYRE	281	Fasspinzette, RUSS. MODELL	85
Drahtumführungsnadel, DEMEL	315	Elevator, SINUS	438	Fasszange	316
Drahthalven, Bauchdeckenhalter	184	Elevator, WATSON-CHEYNE	283	Fasszange, ALLIS	537
Drahtzange TC, BERRY	319	Elevator, YANKAUER	465	Fasszange, ALLIS-ADAIR	537
Drahtzange TC, CORWIN-HEGAR	319	ELLIO, Geburtszange	603	Fasszange, ALLIS-BABY	537
Drahtzange TC, MAYO-HABERISSER	319	ELLIS, Fremdkörperhohlmeissel	374	Fasszange, BABCOCK	539
Dreibackenspannutter Handgriff	300	ELSCHING, Fixationspinzette	389	Fasszange, BOYS-ALLIS	538
DUBOIS, Schere	63	ELSCHING, Hornhautmesser	373	Fasszange, COLLIN	539, 585
Duftstick	231/1	ELSCHING, Kapselpinzette	391	Fasszange, DARTIGUES	585
DUPLAY, Hakenzange	582	ELSCHING, Zykloidalysspatel	379	Fasszange, DOYEN	585
DUPLEX, Kornzange	134	EMMETT, Fistelhäckchen	594	Fasszange, DUVAL	539
DUPLEX, Stethoskop	23	Endarterektomie-Stripper	202	Fasszange, GREGOIRE	538
DUPUY-WEISS, Tonsillennadel	466	Endenagel, STEINMANN	307, 308	Fasszange, JUDD-ALLIS	538
Dura-Dissektor, DAVIS	332	Endoskopiekorb	623	Fasszange, KELLY	585
Dura-Dissektor, FRAZIER	333	Endoskopik, KOGAN	577	Fasszange, LAHEY	479
Dura-Dissektor, HOEN	333	ENGEL, Gipsäge	229	Fasszange, LANDOLT	341/2
Dura-Dissektor, HORSLEY	333	Enukleations-Löffel, WELLS	378	Fasszange, LITTLEWOOD	538
Dura-Dissektor, MILLIGAN	332	Episotomie-Schere, BRAUN-STADLER	64	Fasszange, LOCKWOOD-ALLIS	538
Dura-Dissektor, OLIVECRONA	332	Episotomie-Schere, WALDMANN	64	Fasszange, LOVELACE	490
Dura-Dissektor, PENFIELD	333	EPKER, Osteotome	464/2	Fasszange, MARTEL	110
Dura-Dissektor, SACHS	332	EPPENDORFER, Uterus-Biopsiezange	590	Fasszange, McGIVNEY	568
Dura-Dissektor, TOENNIS	332	ERBE, Verbindungskabel	633	Fasszange, MILLIN	550, 551
Dura-Dissektor, WOODSON	333	ERBE/SELECT, Verbindungskabel	633	Fasszange, NOTO	585
Dura-Haken	335	ERICH, Drahtbogen	461/2	Fasszange, PRATT	110
Dura-Haken, ADSON	329	ERRICO, Bohrer	299	Fasszange, YOUNG	550
Dura-Haken, JACOBSON	335	Ersatzklinge	49, 50	Fasszange, SERPENTINE-GRASPER	593
Dura-Messer, KOOS	335	Ersatzlämpchen	29, 30	Fasszange, SOMER	585
DURANTE, Fasspinzette	88	Ersatzsägeblätter	230	Fasszange, WILLET-MARTEL	110
Dura-Schere, SCHMIEDEN-TAYLOR	65/1	Ersatzteilset, HERCULES	320/1 - 320/3	Fasszange, WILLIAMS	539
DUALV, Darmfasszange	539	ESMARCH, Gipsmesser	233	FAULKNER, Kürette	449
DUVAL, Fasspinzette	85	ESMARCH, Staubinde	296	FAURE, Biopsiezange	588
Dynamometer, COLLIN	25	ESMARCH, Verbandschere	69/2	FAURE, Peritoneumklemme	123
E		ETHICON, Clipanlegezange	524, 525	FAVALORO, Gefäßschere	61
ECHLIN, Hohlmeisselzange	240	EVES, Tonsillenschneider	468	FEHLAND, Darmklemme	542
ECO "C" Diagnostik-Besteck	16	EXACTA, Blutdruckmessgerät	8	FEILCHENFELD, Splitterpinzette	91
ECO "T" Diagnostik-Besteck	16	Exenterationslötfel, BUNGE	378	FELDHEIM, Knochenhalteklemme	249
EICKEN (KILLIAN), Spülkanüle	433	Extensionsbügel, BOEHLER	312	FERGUSSON, Gallensteinlöffel	533
Ein- u. Ausschlagsinstrumente	321	Extensionsbügel, KIRSCHNER	312	FERGUSSON, Hämorrhoidalklemme	109
Einschläger, BENDER	322/1	Extensionsbügel, KIRSCHNER US	312	FERGUSSON, Knochenhaltezange	243
Elektrode, monopolar	629	Extraktionsmeißel, ROLLET	374	FERGUSSON, Saugrohr	337
Elektrodenball-Koagulation	629	Extraktor	322/1	FERGUSSON, Schere	66
Elektroden-Drahtschlinge	629	Extraktionshaken	322	FERGUSSON-FRAZIER, Saugrohr	337
Elektroden-Koagulation	629	Extraktionshaken, ARRUGA	375	FERRIERA, Wundhaken	197
Elektroden-Lanzette	629	Extraktionshaken, I.U.D.	593	FERRIS-SMITH, Laminektomiezange	343
Elektroden-Nadel	629	Extraktor, KUENTSCHER	322	FERRIS-SMITH, Pinzette	85
Elektroden-Schlinge	628, 629	Exzentrische Begrenzungsscheibe	230/17	FERRIS-SMITH-KERRISON, Bandscheibenstanze ..	344/2
Elevator	280	F		Fertigschläger, KUENTSCHER	321
Elevator, ALDERDYCE	282	Face-Lift-Schere, FREEMAN	74	Fiberglas-Lichtträger, KLEINSASSER	36
Elevator, BALLENGER	439	Face-Lift-Schere, GORNEY	73	Filtervlies f. Gipsäge	230/18
Elevator, BOIES	277	Face-Lift-Schere, KAYE	73	Finger-Goniometer	25
Elevator, CHANDLER	282	Face-Lift-Schere, REES	73	Fingerringssäge, REDA	297
Elevator, COTTE	439	Fadengabel, REDA	221	Fingerringssäge, WALTON	297
Elevator, COTTLE-JOSEPH	439	Fadengabel, Tracheotomie	475	Fingersäge, LANGENBECK	296
Elevator, CREGO	282	Fadenpinzette, McPHERSON	392	FINOCCHIETTO, Bronchusklemme	490

FINOCHIETTO, Nadelhalter.....	211	Fremdkörperkürette, ALVIS	374	Gefässclip, MÜLLER	365
FINOCHIETTO, Rippensperrer	482, 484	Fremdkörpernadel	374	Gefässclip, YASARGIL.....	345 - 356
FINOCHIETTO-BABY, Rippensperrer.....	482	Fremdkörpernadel, DAVIS	374	Gefässdilatator, DeBAKEY	529
FINOCHIETTO-BURFORD, Rippensperrer.....	483	Fremdkörpernadel, FRANCIS.....	374	Gefässdilatator, ROBB	530
FINSEN, Wundhaken.....	168	Fremdkörpernadel, LA FORCE	374	Gefässklemme, atrauma.....	492, 495/1, 495/2, 523 - 527
FISCH, Dissektor.....	420	Fremdkörpernadel, LEVINSON	374	Gefässklemme, BAINBRIDGE	495/1, 495/2
FISCH, feines Häkchen	335	Fremdkörperzängchen, HARTMANN	412	Gefässklemme, BECK	520
FISCHER, Irispinzette	384	Fremdkörperzängchen, HARTMANN-HOFFMANN	412	Gefässklemme, COOLEY	510, 518 - 522
FISH, Sonde	199	Fremdkörperzängchen, HARTMANN-WULLSTEIN	412	Gefässklemme, COOLEY-DERRA	519
FISHER, Tonsillenmesser	466	Fremdkörperzängchen, STRUEMPL	412	Gefässklemme, DALE	494, 495
Fistelhäkchen, EMMETT	594	Fremdkörperzange, MATHIEU	553/1	Gefässklemme, DARDIK	509/1
Fistelsonde, LOCKHART-MUMMERY	200	FRENZEL, Nystagmusbrille	20	Gefässklemme, DeBAKEY	493 - 517
Fistelsonde, PRATT	563	FRENZEL, Zungenspatel	451	Gefässklemme, DeBAKEY-BAHNSON	506
Fixationspinzette, BARRAUER	390	FRIEDMAN, Hohlmeisselzange	234	Gefässklemme, DeBAKEY-BECK	516
Fixationspinzette, ELSCHNIG	389	FRIEDMANN, Spokula.....	577	Gefässklemme, DeBAKEY-MIXTER	499/2
Fixationspinzette, GRAEFE	389	FRITSCH, Wundhaken	163	Gefässklemme, DeBAKEY-MOSQUITO	509
Fixationspinzette, GREEN	390	FRYKHOLM, Hohlmeisselzange	240	Gefässklemme, DeBAKEY-PEAN	513
Fixationspinzette, LESTER	389	FUCHS, Kapselpinzette	391	Gefässklemme, DeBAKEY-RANKIN	512
Fixiergabel, BURCH	373	FUCHSIG, Arterienklemme.....	113	Gefässklemme, DeBAKEY-RUMEL	499
Fixierpinzette, CASTROVIEJO	390	Führungsholsonde, BRUNNER	221/1	Gefässklemme, DeBAKEY-SATINSKY	502
Fixierpinzette, COTTLE	410	Führungsholsonde, KIRSCHNER	221	Gefässklemme, DERRA	515
Fixierpinzette, GRAEFE	83	Führungsholsonde, KOENIG	221/1	Gefässklemme, DIEFFENBACH	104
Fixierpinzette, KIRBY-ARTHUR	385	Führungsholsonde, PAYR	221/1	Gefässklemme, DIETRICH	510
Fixiervorrichtung, LEYLA	368/1	Führungsholsonde, REDA	221/1	Gefässklemme, GLOVER	515
Fixiervorrichtung, ROCHARD	186	Führungsholsonde, SCHMIEDEN	221	Gefässklemme, GREGORY	517
Flachbohrer, CUSHING	299	Führungsholsonde, SCHMIEDEN-PAYR	221	Gefässklemme, HARKEN	503
Flachmeissel.....	259, 264, 267	Führungsholsonde, VIENNA.....	221/1	Gefässklemme, JAVID	511
Flachmeissel, ALEXANDER	259	Führungsinstrument, DeMARTEL	330	Gefässklemme, LAMBERT-KAY	505
Flachmeissel, BRÜNING'S-LUCAS	260	FührungsnaDEL, REDON	207	Gefässklemme, LEES	504
Flachmeissel, Ferrozellgriff	264	Führungsspiess	321	Gefässklemme, LELAND-JONES	495
Flachmeissel, HIBBS	265	 G		Gefässklemme, MORRIS-DeBAKEY	506
Flachmeissel, HOKE	265	Galeahaken, YASARGIL	330	Gefässklemme, POTTS	492, 493
Flachmeissel, LEXER	263	GALLAHER, Antrumraspel	446	Gefässklemme, SATINSKY	491
Flachmeissel, NOVOTEX-Griff	264	Gallenblasenschere, THOREK	65/2	Gefässklemme, SUBRAMANIAN	521
Flachmeissel, PARTSCH	259	Gallengangdilatator, BAKES	532	Gefässklemme, WEBER	501
Flachmeissel, STILLE	260	Gallensteinlöffel, DESJARDINS	534	Gefässklemme, WYLIE	501/1, 501/2
Flachzange	316, 317	Gallensteinlöffel, FERGUSSON	533	Gefässmesser, KOOS	335
flexible Fasszange, SERPENTINE-GRASPER	593	Gallensteinlöffel, LUER-KOERTE	533	Gefässpinzette, ADLERKREUTZ	84
flexibler Hirnspaltelhalter, LEYLA	368/2	Gallensteinlöffel, MAYO	534	Gefässpinzette, NELSON	89
flexibler Spannarm, LEYLA	368/3	Gallensteinsonde, MOYNIHAN	531	Gefässpinzette, STILLE-BARRAYA	88
FOERSTER, Irispinzette	383	Gallensteinzange, BLAKE	530/2	Gefässpinzette, WANGENSTEEN	89
FOERSTER, Tupferzange	136	Gallensteinzange, DESJARDINS	530/2	Gefässschere, DeBAKEY	61
FOMON, Hauthäkchen	447/1	Gallensteinzange, MAYO-BLAKE	530/2	Gefässschere, DIETRICH	60
FOMON, Nasenhaken	447/1	Gallensteinzange, MIXTER	530/2	Gefässschere, FAVALORO	61
FOMON, Nasenraspel	444, 445	GASS, Häkchen	376	Gefässschere, KELLY	61
FOMON, Nasenschere	58	GAUSS, Kopfschwarze	605	Gefässschere, KLINKENBERG-LOTH	65/2
FOMON, Raspator	277	Geburtszange, SELLHEIM	607	Gefässschere, POTTs-DeMARTEL	59
FOMON, Rhinoplastschere	65/1	Geburtszange, BARTON	602 - 604	Gefässschere, POTTs-SMITH	61
FOMON, Septummeissel	441	Geburtszange, BOERMA	603	Gefässschere, SATINSKY	65/2
FOX, Lupuskürette	608	Geburtszange, DeLEE	602	Gefäß-Spülkanüle, SCHMID	338
FRAENKEL, Aufsatz	472	Geburtszange, ELLIOT	602	GELPI, Bauchdeckenhalter	189/1, 189/2
FRAENKEL, Kehlkopfpolyenzange	471	Geburtszange, KIELLAND	602	GELPI, Haken	193
FRANCIS, Fremdkörpernadel	374	Geburtszange, KIELLAND-LUIKART	603	GEMINI, Arterienklemme	115
FRAZIER, Bauchdeckenhalter	181	Geburtszange, LUIKART	603	GERALD, Pinzette	86, 87
FRAZIER, Dura-Dissektor	333	Geburtszange, McLEAN	603/1	GERSTER, Knochenhalteklammer	250
FRAZIER, Hauthäkchen	148/2	Geburtszange, McLEAN-LUIKART	603/1	GERZOG, Hammer	270
FRAZIER/FERGUSSON, Punktionskanüle	337	Geburtszange, McLEAN-TUCKER	603/1	Gewebefässpinzette, BROWN	83
FRAZIER/FERGUSSON, Saugrohr	337	Geburtszange, McLEAN-TUCKER-LUIKART	603/1	Gewebefässpinzette, SINGLEY	88
FREEMAN, Face-Lift-Schere	74	Geburtszange, NAEGELE	602	Gewebefasszange, CHAPUT	110
FREEMAN, Wundhaken	198	Geburtszange, PIPER	604	Gewebefasszange, COLLIN	110
FREEr, Elevatorium	437	Geburtszange, SIMPSON	602	Gewebefasszange, GREGOIRE	538
FREEr, Hauthäkchen	448	Geburtszange, SIMPSON-BRAUN	602	Gewebefasszange, TUFFIER	110
FREEr, Nasenmesser	434	Geburtszange, SIMPSON-LUIKART	603	Gewicht, AUVRARD	576
FREEr, Septumelevator	437, 439	Geburtszange, TARNIER	604	Gewicht, SCHERBAK	575
FREEr, Septumhöhlmeissel	442/1	Geburtszange, THIERRY	603	GIERTZ-STILLE, Rippenschere	481
FREEr, Septummeissel	439	Geburtszange, WRIGLEY	602	GIGLI, Säge	332
FREEr, Septummesser	434	Gefässclip, BIEMER	361	GILL, Hornhautmesser	373
Fremdkörperflachmeissel, DIX	374	Gefässclip, MEHDORN	362	GILL, Irispinzette	384
Fremdkörperhebel, BUCK	412			GILL-ARRUGA, Kapselpinzette	390
Fremdkörperhebel, QUIRE	412			GILL-HESS, Irispinzette	384
Fremdkörperhöhlmeissel, ELLIS	374			GILLIES, Hauthäkchen	448
Fremdkörperhöhlmeissel, WALTON	374			GILLIES, Nadelhalter	212
Fremdkörperinstrument, DIX	380			GILLIES, Pinzette	86

GIL-VERNET, Wundhaken	152	GUYON, Nierenklemme	122	Haken, TAYLOR	196
Gipsabreißzange, WOLFF	233	GUYTON-LUNGSGAARD, Sklerotom	373	Haken, TESSIER	463/3
Gipsmesser, ESMARCH	233	Gynäkologie-Schere, DOYEN	63	Hakenzange, ADAIR	582
Gipsmesser, HOPKINS	233	Gynäkologie-Schere, DUBOIS	63	Hakenzange, BARRET	582
Gipsmesser, REINER	233	Gynäkologie-Schere, SIEBOLD	62	Hakenzange, BRAUN	582
Gipsmesser, WIGMORE	229	Gynäkologie-Schere, SIMS	62	Hakenzange, CZERNY	584
Gipssäge, elektrisch	230			Hakenzange, DUPLAY	582
Gipssäge, ENGEL	229	H		Hakenzange, HULKA	583
Gipssäge, oszillierend	230/10, 230/12	HABERER, Dammspatel	143/3	Hakenzange, IOWA	584
Gipsschere, STILLE	229	Hämorrhoidal-Klemme, FERGUSSON	109	Hakenzange, JACOBS	583
Gipsspreizer, BEESON	232	Hämorrhoidal-Ligator, McGIVNEY	568	Hakenzange, JÁRCHO	583
Gipsspreizer, HAGLUND-STILLE	232	HAGLUND-STILLE, Gipsspreizer	232	Hakenzange, MUSEUX	583
Gipsspreizer, HENNIG	232	HAIGHT, Rippensperer	487	Hakenzange, POZZI-PALMER	582
Gipsspreizer, REDA	232	HAJEK, Hammer	273	Hakenzange, PRATT	584
GLOVER, Bulldogklemme	103	HAJEK, Septummeissel	442/1	Hakenzange, SCHRODER	583, 584
GLOVER, Mehrzweckklemme	515	HAJEK-BALLINGER, Elevator	439	Hakenzange, SCHRODER (POZZI)	582
GLUCK, Rippenschere	480	HAJEK-KOFLER, Stanze	429, 431	Hakenzange, SKENE	582
GOELET, Wundhaken	141	Häkchen, ARRUGA	375	Hakenzange, STAUDE-MOORE	582
GOLDMANN-FOX, Zahnfleischschere	67	Häkchen, BARBARA	419	Hakenzange, TEALE	583
GOMMEL, Pinzette	96	Häkchen, BECKER	375	HALLE, scharfer Löffel	253
GOMMEL, Schere	80	Häkchen, BOSE	477	HALLE, Septumelevator	437
Goniometer f. Finger	25	Häkchen, CLAYMAN	376	Halogenlampe	29
Goniotomiemesser, BARKAN	373	Häkchen, CONVERSE	448	HALSEY, Nadelfalter	208
Goniotomiemesser, SCHIELE	373	Häkchen, COTLE	447/1	HALSTED-MOSQUITO, Arterienklemme	105
GOOD, Tonsillenschere	59	Häkchen, COTLE-NEIVERT	448	Halteam, LEYLA	368/1
GOODELL, Uterus-Dilatator	581	Häkchen, DAY	409	Halteklemme, ADSON	298
GORNEY, Dissektor	277	Häkchen, FISCH	335	Halter, Hirnspatel, LEYLA	368/4
GORNEY, Face-Lift-Schere	73	Häkchen, FOMON	447/1	Halter, KALLMORGEN	573
GOSSET, Bauchdeckenhalter	181	Häkchen, FREER	448	Halter, KRISTELLER	572
GOURDET, Uteruslöffel	599	Häkchen, GASS	376	Halterahmen	187
GRADEL, Pinzette	395	Häkchen, GILLIES	448	Haltezange, LANE	325
GRADEL, Schere	57	Häkchen, GRAEFE	375	Hammer	270 - 273
GRAEFE, Cystotom	375	Häkchen, GREEN	375	Hammer, BERGMANN	272
GRAEFE, Diszisionsmesser	372	Häkchen, JAMESON	375	Hammer, COLLIN	270
GRAEFE, Fixationspinzette	389	Häkchen, KILNER	447/1, 608	Hammer, COTTLE	273
GRAEFE, Fixierpinzette	83	Häkchen, KNAPP	375	Hammer, Ferrozollgriff	272
GRAEFE, Hauthäkchen	148/2	Häkchen, KRAYENBÜHL	336	Hammer, GERZOG	270
GRAEFE, Irispinzette	382	Häkchen, KUGLEN	376	Hammer, HAJEK	273
GRAEFE, Lidsperrer	370	Häkchen, LANGE	448	Hammer, HEATH	273
GRAEFE, Schere	56	Häkchen, LUCAE	409	Hammer, KIRK	270
GRAEFE, Schielhaken	375	Häkchen, McGEE	419	Hammer, LUCAE	271
GRAEFE, Starlöffel	377	Häkchen, O'CONNOR	375	Hammer, MEAD	271
GRAEFE, Starmesser	371	Häkchen, ROLLET	375	Hammer, OMBREDANNE	273
GRAHAM, Nervhaken	329	Häkchen, SHAMBAUGH	419	Hammer, PARTSCH	271
GRAIG, Septumzange	426	Häkchen, SINSKEY	376	Hammer, QUISING	271
GRAVE, Scheidenspekula	570	Häkchen, STEVENS	375	Hammer, WILLIGER	271
GRAY, Arterienklemme	121	Häkchen, Tracheotomie	475	Hämorrhoidal-Ligator	568
GREEN, Fixationspinzette	390	Häkchen, WAGENER	409	Hämorrhoidal-Ligator, RUDD	568
GREEN, Hornhautdissektor	374	Häkchen, WIENER	375	Hämorrhoidal-Zange, HEYWOOD-SMITH	567
GREEN, Muskelhäkchen	375	Haken, AUFRICTH	447	Hämorrhoidal-Zange, McGIVNEY	568
GREEN, Wundhaken	160	Haken, BALFOUR	193	Handbohrapparat, BUNELL	299
GREEN-ARMYTAGE, Uteruszange	605	Haken, BRAUN	607	Handbohrapparat, HUDSON	299
GREGOIRE, Darm- u. Gewebefasszange	538	Haken, COTLE	447, 447/1	Handbohrapparat, KIRSCHNER	299
GREGORY, Profundaklemme	517	Haken, GELPI	193	Handbohrapparat, MOORE	298
GREVEN, Ohrzängchen	414	Haken, HARGIS	463/6	Handbohrapparat, RALK	300
Griff, Kehlkopfspiegel	473	Haken, HARRINGTON	193	Handbohrapparat, REDA	300
Griff, Meissel	266	Haken, HOFER	465	Handbohrapparat, STILLE	298
Griff, Osteotome	266	Haken, ITERSON	477	Handgriff	300
Griff, SCHERBAK	575	Haken, JACKSON	476	Handgriff Dreibackenspannfutter	300
Griff, Skalpell	38 - 41	Haken, KELLY	193	Handgriff, NABATOFF	201
Griff, Skalpell Mini	41	Haken, KIRSCHNER	185, 187	Handgriff, Stabinstrumente f. Tracheotomie	475
Griff, Stabinstrument, Tracheotomie	475	Haken, LOVE	465	Handwaschbürste	611
Griff, Uterus-Biopsiezangen	591	Haken, MASING	447	HANK, Uterus-Dilatator	580
GROSS, Ohrlöffel	409	Haken, MASING-NEIVERT	447	HARGIS, Raspator	463/2
GROSS-MAIER, Kornzange	134	Haken, NAGER	465	HARGIS, Unterkieferhaken	463, 463/6
GRUBER, Ohrspekula	399	Haken, NEWS	477	HARGIS, Wundhaken	463
GUILEN, Saugrasputarium	433/1	Haken, OBWEGESER	460, 461/1	HARKEN, Aukelklemme	503
Gummibirne, POLITZER	406	Haken, YOUNG	550	HARMS, Sonde	381
Gummiringe-Ligatur, McGIVNEY	568	Haken, RAMUS	461	HARRINGTON, Bronchusklemme	490
GUTHRIE, Hauthäkchen	148/2	Haken, SCHOENBORN	479	HARRINGTON, Haken	193
GUYON, Arterienklemme	122	Haken, SCOVILLE	196	HARRINGTON, Wundhaken	147
GUYON, Dilatationsbougie	554	Haken, SMELLIE	605	HARRINGTON-PEMBERTON, Wundhaken	147
GUYON, Katheter-Einführungsinstrument	554	Haken, SPINA-NASALIS	461	HARTMANN, Arterienklemme	104

HARTMANN, Fremdkörperzängchen	412	Hochfrequenz-Chirurgie	628, 629	HOUSE, Kürette	420
HARTMANN, Nasenspekula	422	HOEN, Dura-Dissektor	333	HOUSE, Mikro-Messonde	420
HARTMANN, Nasenzange	427	HOESEL, Nadelhalter	213	HOUSE, Saugrohr	337/2
HARTMANN, Ohrkathereter	408	HOFER, Wundhaken	465	HOWARTH, Septumelevator	438
HARTMANN, Ohrspkula	399	HOFFMANN, Schlauchklemme	624	HUBER, Universalgriff	472
HARTMANN, Ohrzängchen	411	Hohlmeissel	259, 264	HUDSON, Handbohrapparat	299
HARTMANN, Polypenzange	424	Hohlmeissel, ALEXANDER	259	HUDSON, T-Handgriff	300
HARTMANN, Stimmgabel	403	Hohlmeissel, COBB	262	HULKA, Hakenzange	583
HARTMANN, Zungendrücker	452	Hohlmeissel, HIBBS	265	HUMBY, Dermatom	50
HARTMANN-HALLE, Nasenspekula	421	Hohlmeissel, KILLIAN	442/1	HUNTER, Splitterpinzette	91
HARTMANN-HOFFMANN, Fremdkörperzängchen	412	Hohlmeissel, LEXER	263	HURD, Tonsillen-Dissektor	465
HARTMANN-WULLSTEIN, Fremdkörperzängchen	412	Hohlmeissel, LEXER-Mini	263	Hypophysenkürette, RAY	334
HASSON, Wundhaken	143	Hohlmeissel, NOVOTEX	264	Hypophysenpinzette, ADSON	334
HAUGH, Mikro-Ohrzängchen	414	Hohlmeissel, PARTSCH	259	Hypophysenzange	341
Hauthäkchen, COTTE	447/1	Hohlmeissel, SMITH-PETERSEN	261	Hysterektomieklemme, HEANEY	126
Hauthäkchen, COTTE-NEIVERT	448	Hohlmeissel, STILLE	260	Hysterektomieklemme, HEANY-BALLENTINE	127
Hauthäkchen, FOMON	447/1	Hohlmeissel, WEST	442/1	Hysterektomieklemme, HOLZBACH	126
Hauthäkchen, FRAZIER	148/2	Hohlmeissel, ZIELKE	264	Hysterektomieklemme, MAINGOT	123/1, 123/2
Hauthäkchen, FREER	448	Hohlmeisselzange, ADSON	236	Hysterektomieklemme, ROGERS	127
Hauthäkchen, GILLIES	448	Hohlmeisselzange, BANE-HARTMANN	237	Hysterektomieklemme, SEGOND	125
Hauthäkchen, GRAEFE	148/2	Hohlmeisselzange, BEYER	237	Hysterektomieklemme, SEGOND-LANDAU	125
Hauthäkchen, GUTHRIE	148/2	Hohlmeisselzange, BLUMENTHAL	236	Hysterektomieklemme, WERTHEIM	124, 128
Hauthäkchen, JOSEPH	149	Hohlmeisselzange, BÖHLER	238	Hysterektomieschere, WERTHEIM	63
Hauthäkchen, KILNER	608	Hohlmeisselzange, CLEVELAND	235		
Hauthäkchen, KLAPP	150	Hohlmeisselzange, ECHLIN	240	I	
Hauthäkchen, KLEINERT-KUTZ	149	Hohlmeisselzange, FRIEDMAN	234	I.U.D., Extraktionsshaken	593
Hauthäkchen, LAHEY	149	Hohlmeisselzange, FRIEDMAN-Micro	234	Impaktor	322/1
Hauthäkchen, REDA	150	Hohlmeisselzange, FRIEDMAN-Mini	234	Inbusschlüssel	230/18
Haut-Trephinen, KEYE	608	Hohlmeisselzange, FRYKHOLM	240	INGE, Wirbelkörperspreizer	339
HAYES, Darmklemme	545	Hohlmeisselzange, JANSEN	237	INGROWN, Nagelinstrument	612/1
HAYES, Rektum-Anastosenklemme	545	Hohlmeisselzange, KLEINERT-KUTZ	237	Injectiokanüle	36
HEANEY, Hysterektomieklemme	126	Hohlmeisselzange, LEKSELL (STILLE)	240	INSTRU-CARE, Instrumentenöl	635
HEANEY, Nadelhalter	210	Hohlmeisselzange, LEMPERT	237	Instrumente f. Tracheotomie	475
HEANEY, Biopsiekürette	587	Hohlmeisselzange, LUER	236	Instrumentenkasten	617
HEANEY, Wundhaken	164	Hohlmeisselzange, MARQUARDT	239	Instrumentenöl, INSTRU-CARE	635
HEANEY-BALLENTINE, Hysterektomieklemme	127	Hohlmeisselzange, MAYFIELD	238	Insufflationskanüle	206
HEATH, Fadenschere	66	Hohlmeisselzange, MEAD	235	Intraoperative Retraktoren	463/1, 463/4
HEATH, Hammer	273	Hohlmeisselzange, OLIVECRONA	237	Inzisionschere	52
HEBRA, Chalazionskürette	377	Hohlmeisselzange, RUSKIN	239	IOWA, Hakenzange	584
HEGAR, Uterus-Dilatator	578, 579	Hohlmeisselzange, SAUERBRUCH	240	IOWA, Nadelführer	206
HEGENBARTH, Wundklammerpinzette	224	Hohlmeisselzange, SCAGLIETTI	240	IRIS, Schere	54/2
HEIFETZ, Hirnspatel	369	Hohlmeisselzange, SEMB	240	Irisschere, KNAPP	55
HEIMING, Nierensteinzange	536	Hohlmeisselzange, SMITH-PETERSEN	238	Irisschere, LITTLER	55
HEISS, Arterienklemme	112	Hohlmeisselzange, STELLERBRINK	234	IRIS, Supercutschere	72
HEISTER, Mundsperrer	454	Hohlmeisselzange, STILLE-LUER	239	Irishäkchen, O'CONNOR	375
Hemilaminektomiespreizer, DARLING	178	Hohlmeisselzange, STILLE-RUSKIN	239	Irishäkchen, WIENER	375
HENKE, Tonsillenelevator	465	Hohlmeisselzange, ZAUFL-JANSEN	238	Irismesser, DEAN	372
HENLEY, Wundspreizer	170	Hohlsonde	199	Irismesser, KNAPP	372
HENNIG, Gipsspreizer	232	Hohlsonde, BRODIE	199	Irismesser, ZIEGLER	372
HEPA-Filter	231/1	Hohlsonde, DOYEN	199	Irispinzellette, BARRAQUER	384
HEPP-SCHEIDEL, Schere	78	Hohlsonde, NELATON	199	Irispinzellette, BARRAQUER-KATZIN	384
HERCULES, Drahtkeilzange	320/1 - 320/3	HOHMANN, Knochenhebel	284, 285	Irispinzellette, BISHOP-HARMAN	386
HERRICK, Nierentielklemme	123	HOHMANN-Mini, Knochenhebel	286	Irispinzellette, BONN	387
HESS, Irispinzette	384	HOKE, Flachmeissel	265	Irispinzellette, FISCHER	384
HESS, Kapselpinzette	391	HOKE, Osteotome	265	Irispinzellette, FOERSTER	383
HESS, Nervwurzelhaken	329/1	HOLINGER, OP-Laryngoskop	37	Irispinzellette, GILL	384
HEYMANN, Nasenschere	58	HOLLINGER, Lichträger	37	Irispinzellette, GILL-HESS	384
HEYMANN, Nasenzange	425	HOLSHER, Nervwurzelhaken	329/1	Irispinzellette, GRAEFE	382
HEYMANN-KNIGHT, Polypenzange	425	HOLTH, Kapselstanze	380	Irispinzellette, HESS	384
HEYWOOD-SMITH, Hämorrhoidalzange	567	HOLZBACH, Hysterektomieklemme	126	Irispinzellette, STEVENS	383
HIBBS, Flachmeissel	265	HOLZHEIMER, Wundhaken	168	Irispinzellette, TROUTMAN	384
HIBBS, Hohlmeissel	265	HOPKINS, Gipsmesser	233	Irisspatel, WECKER	378
HIBBS, Osteotome	265	HORGAN, Valve Bauchdeckenhalter	183	ISRAEL, Wundhaken	162
HIBBS, Wundhaken	164	HORIZON, Clipanlegezange	524, 525	ITERSON, Trachealhaken	477
HILL-FERGUSON, Rektal-Spekulum	560	Hornhautdisektor, GREEN	374, 375	IVES-FANSLER, Anuskop	562
Hirmesser	48	Hornhautdisektor, PATON	373	IWANSON, Messergerät	624
Hirnspatel, CUSHING	336, 369	Hornhautmesser, ELSCHNIG	373		
Hirnspatel, DAVIS	337	Hornhautmesser, GILL	373	J	
Hirnspatel, HEIFETZ	369	Hornhautmesser, SATO	373	JACKSON-BURROWS, Bauchdeckenhalter	189/2
Hirnspatel, OLIVECRONA	336	Hornhautmesser, TOOK	373	JACKSON, Kehlkopfpinzette	471
Hirnspatelhalter, LEYLA	368/2	Hornhautschere, CASTROVIEJO	79	JACKSON, Laryngoskop	37
HIRSCHMANN, Anuskop	562	HORSLEY, Dura-Dissektor	333	JACKSON, Pinzette	471
HIRSCHMANN, Zylodialysespatel	379	HÖSEL, Wundhaken	167	JACKSON, Scheidenspekula	573

JACKSON, Sehnenfasszange	292	Kapselpinzette, CASTROVIEJO	391	KIRK, Hammer	270
JACKSON, Trachelhaken	476	Kapselpinzette, ELSCHNIG	391	KIRSCHNER, Bauchdeckenhalter	185, 187, 187/1
JACOBS, Hakenzange	583	Kapselpinzette, FUCHS	391	KIRSCHNER, Bohrdraht	306, 307
JACOBSON, Arterienklemme	105	Kapselpinzette, GILL-ARRUGA	390	KIRSCHNER, Extensionsbügel	312
JACOBSON, Dura-Haken	335	Kapselpinzette, HESS	391	KIRSCHNER, Führungshohlsonde	221
JACOBSON, Knopfsonde	335	Kapselpinzette, KALT	391	KIRSCHNER, Haken	185, 187
JACOBSON, Nadelhalter	215	Kapselpinzette, SCHWEIGGER	391	KIRSCHNER, Handbohrapparat	299
JACOBSON, scharfer Löffel	257	Kapselpinzette, TERSON	391	KIRSCHNER, Zughaken	313
JAEGER, Lanzenmesser	372	Kapselschere, RESANO	53/2	KIRSCHNER US, Extensionsbügel	312
JAEGER, Lidplatte	371	Kapselstanze, HOLTH	380	Klammeranlegezange, RANEY	327
JAMESON, Schielhaken	375	Katheter, COXETER	555	Klammerhalter	326
JAMESON, Strabismuspinzette	385	Katheter, Metall	555	KLAPP, Wundhaken	150
JANSEN, Hohlmeisselzange	237	Katheter, WALTHER	555	KLEINERT-KUTZ, Hauthäkchen	149
JANSEN, Nasenpinzette	424	Kathetereinführungsinstrument, GUYON	554	KLEINERT-KUTZ, Hohlmeissel	237
JANSEN, scharfer Löffel	257	Kathetereinführungszange, MAGILL	28	KLEINERT-KUTZ, Sehnenfassinstrument	294
JANSEN, Wundhaken	168	Katherklemme, COOLEY	510	KLEINSASSER, Bruststütze	36
JANSEN-GRUENWALD, Nasenpinzette	424	KAYE, Face-Lift-Schre	73	KLEINSASSER, Fiberglas-Lichtträger	36
JARCHO, Hakenzange	583	Kegel, SCHULTZE Salpingograph	596	KLEINSASSER, Injektionskanüle	36
JAVID, Carotis-Shuntklemme	511	Kehldeckelhalter, REICHERT	471	KLEINSASSER, Rauchabsaugrohr	36
JENNINGS, Mundsperrer	454	Kehlkopfkanüle	470	KLEINSCHMIDT, Blinddammklemme	544
JENSEN, Augenkanüle	394	Kehlkopfpinzette, JACKSON	471	Klemme, ALLEN	544
JOBSON-HORNE, Watteträger	203	Kehlkopfpolyenzange, FRAENKEL	471	Klemme, HAYES	545
JOHNS-HOPKINS, Anlegezange	104	Kehlkopfpolyenzange, JURASZ	471	Klemme, HOFFMANN	624
JOHNS-HOPKINS, Arterienklemme	120	Kehlkopfschere, KILLIAN	471	Klemme, KLEINSCHMIDT	544
JOHNS-HOPKINS, Bulldoggklemme	104	Kehlkopfspiegel	473	Klemme, LANE	547
JOHNSON, Nadelhalter	211	Kehlkopfspiegel-Griff	473	Klemme, PAYR	548
JONES, Tuchklemme	132	Kehlkopfspiegel, MICHEL	423	Klemme, STOCKMANN	553/1
JONES-CLIP, Tuchklemme	132	Kehlkopfspritze	470	Klemme, STONE-WATT	545
JORGENSEN, Präparierschere	53	KEINSASSER, OP-Laryngoskop	35	Klemme, STRAUSS	553/1
JOSEF, Nasenmesser	434, 435	KEITH, Nadel	223	Klemme, Vasektomie	553/2
JOSEPH (LEWIS), Nasenraspel	443	KELLY, Anuskop	562, 563	Klemmenhalterung, DeMARTEL-WOLFSON	546
JOSEPH, Hauthäkchen	149	KELLY, Arterienklemme	106	Klemmenschießzange, DeMARTEL-WOLFSON	546
JOSEPH, Nasenmesser	434	KELLY, Gefäßschere	61	Klemmschloss, STONE-WATT	545
JOSEPH, Nasenraspel	443	KELLY, Proktoskop	563, 564	Klemmsockel	189
JOSEPH, Nasensäge	446	KELLY, Uterus-Polyenzange	585	Klinge	49
JOSEPH, Raspator	277	KELLY, Wundhaken	164, 193	Klinge-Skalpell	42
JOSEPH, Schre	54/1	KELLY-GRIP, Wundhaken	142	Klingenbrecher, CASTROVIEJO	45
JOSEPH, Septumelevator	437	KELLY-RANKIN, Arterienklemme	106	Klingenbrecher, REDA	45
JUDD-ALLIS, Darmfasszange	538	Keratoplastik-Messer, BARRAQUER	373	Klingenbrecher, TROUTMAN-CHRIS	45
JUDD-MASSON, Blasenwundspreizer	552	Keratoplastik-Messer PAUFIQUE	373	Klingenfeiner	42
JUERS, Mikro-Ohrzähngchen	414	KERN, Knochenhaltezange	244	KLINIKUM BERLIN, Schlauchklemme	129
JURASZ, Kehlkopfpolyenzange	471	KERRISON, Stanze	428	KLINKENBERGH-LOTH, Gefäßschere	65/2
K		KEVORKIAN, Biopsiekürette	587	KNAPP, Irismesser	372
Kabel, bipolar	633	KEVORKIAN, Uterus-Biopsiezange	589, 591	KNAPP, Irischere	55
KABERSKE, Pulverbläser	405	KEVORKIAN-PACIFIC, Uterus-Biopsiezange	592	KNAPP, Staröffel	378
KADER, Bauch- u. Darmspatel	143/3	KEY, Elevator	282	KNAPP, Tränen sackhäkchen	375
KALLMORGAN, Halter	573	KEYES, Trehpine	608	KNAPP-LUER, Trachompinzette	393
KALLMORGAN, Scheindenspekula	573	Kieferhöhlenstanze, HAJEK-KOFLER	429, 431	KNIGHT, Septumzange	425
KALT, Kapselpinzette	391	Kieferhöhlenstanze, KERRISON	428	Knochendraht	314
KALT, Nadelhalter	214	Kieferhöhlentraktar, COAKLEY	204	Knochenfeile	294, 612/1
KALT-ARRUGA, Nadelhalter	214	Kieferhöhlentraktar, DOUGLAS	204	Knochenhaken, VOLKMANN	156
Kaltlichtklammer	601	Kieferhöhlentraktar, LICHTWITZ	204	Knochenhaltekammer, GERSTER	250
Kaltlichtträger, HOLLINGER	37	Kieferhöhlentraktar, PIERCE	204	Knochenhaltekammer, LAMBERT-LOWMAN	249
Kaltlichtträger, JACKSON	37	KIELLAND, Geburtszange	602	Knochenhaltekammer, LOWMAN	249
KANE, Nabelschnurklemme	605	KIELLAND-LUIKART, Geburtszange	603	Knochenhaltekammer, LOWMAN-HOGLUND	249
KANTROWITZ, Arterienklemme	119/1	KILLIAN, Hohlmeissel	442/1	Knochenhaltezange	245, 247, 249
Kanüle, Air Injection	394	KILLIAN, Nasenspekula	423	Knochenhaltezange, BIRCHER-GANSKE	246
Kanüle, BISHOP-HARMON	394/1	KILLIAN, Septumelevator	438, 439	Knochenhaltezange, DINGMANN	246
Kanüle, EICKEN (KILLIAN)	433	KILLIAN, Septumschere	471	Knochenhaltezange, FARABEAUF	243
Kanüle, JENSEN	394	KILLIAN, Spülkanüle	433, 433/1	Knochenhaltezange, FARABEAUF-LAMBOTTE	243
Kanüle, KILLIAN	433/1	KILLIAN-CLAUS, Septumhohlmeissel	442/1	Knochenhaltezange, FERGUSSON	243
Kanüle, LACRIMAL	394	KILNER, Hauthäkchen	608	Knochenhaltezange, KERN	244
Kanüle, McIntrye	394	KILNER, Nadelhalter	212	Knochenhaltezange, LAMBOTTE	244
Kanüle, ROSEN	338	KILNER, Nasenhaken	447/1	Knochenhaltezange, LANE	244
Kanüle, Saugriff, ZÖLLNER u. WULLSTEIN	337/1	KILNER, Schre	54/1	Knochenhaltezange, LANGENBECK	243
Kanüle, SCHMID	338	KILNER, Supercutschere	72	Knochenhaltezange, LEWIN	246
Kanüle, SIMCOE	394/2	KILNER-DOUGHTY, Mundsperrer	456	Knochenhaltezange, MARTIN	246
Kanüle, VERRES	206	Kinder-Aortaklemme, SUBRAMANIAN	521	Knochenhaltezange, MEYER	248
Kanüle, WAGENER-MOSHER	477	Kinder-Aortaklemme, SUBRAMANIAN-MINIATURE	521	Knochenhaltezange, PATELLA	248
Kappenzange, REDA	615	Kinder-Atrauma-Gefäßklemme	526, 527	Knochenhaltezange, REDA	246, 247
Kapselfasszange, MILLIN	550, 551	Kinder-Gefäßklemme	527	Knochenhaltezange, REILL	248
Kapselpinzette, ARRUGA	391	KIRBY-ARTHUR, Fixierpinzette	385	Knochenhaltezange, SEMB	243
				Knochenhaltezange, ULRICH	248

Knochenhaltezange, VAN BUREN	249	Kornzange, ULRICH	135	Laminektomie-Zange, DECKER	341
Knochenhaltezange, VERBRUGGE	245	KÖRTE, Bauch- u. Darmspatel	143/3	Laminektomie-Zange, FERRIS-SMITH	343
Knochenhebel, 282 - 286/2, 288	282	Krampfaderbesteck, NABATOFF	201	Laminektomie-Zange, LANDOLT	341/2
Knochenhebel, AUFRANC-COBRA	289	Kranioclast, BRAUN	607	Laminektomie-Zange, LOVE-GRUENWALD	340
Knochenhebel, BENNETT	283	Kranioclast, TARNIER	607	Laminektomie-Zange, OLDBERG	341/1
Knochenhebel, BLOUNT	288	KRAUSE, Aufsatz	472	Laminektomie-Zange, PEAPOD	341/1
Knochenhebel, BRISTOW	290	KRAUSE, Polypenschnürer	411, 433/2	Laminektomie-Zange, SCHLESINGER	342
Knochenhebel, BUCK-GRAMCKO	285	KRAUSE-VOSS, Polypenschnürer	433/2	Laminektomie-Zange, SPURLING	340
Knochenhebel, HOHMANN	284, 285	KRAYENBUHL, Nervhähchen	336	Laminektomie-Zange, WAGNER	343
Knochenhebel, HOHMANN Mini	286	Kreuzschlitzschraubenzieher, LANE	324	LANCASTER, Lidsperrer	371
Knochenhebel, KÖNG	284	KRISTELLER, Halter	572	LANDAU, Scheidenspekula	577
Knochenhebel, LANE	290	KRISTELLER, Scheidenspekula	572	LANDOLT, Enukleationsschere	58
Knochenhebel, LANGE-HOHMANN	286	KROENIG, Zungenspatel	451	LANDOLT, Laminektomiezange	341/2
Knochenhebel, LANE-TRETHOWAN	290	KRONECKER, Unterbindungsnael	219	LANDOLT, Tumorfasszange	341
Knochenhebel, MURPHY-LANE	283	Kronenschere, BEEBEE	68	LANE, Biegehebel	325
Knochenhebel, SMILLIE	291	Kropffasszange, LAHEY	479	LANE, Knochenhaltezange	244
Knochenhebel, TAYLOR	291	Kropfsonde, KOCHER	479	LANE, Knochenhebel	290
Knochenhebel, VERBRUGGE-MÜLLER	287	Kugelgelenkkloben, LEYLA	368/1	LANE, Knochenplatten-Haltezange	325
Knochenhagel	309	KUGLEN, Häkchen	376	LANE, Kreuzschlitz-Schraubenzieher	324
Knochenhagel, STEINMANN	307, 308	KÜMMEL, Bauch- u. Darmspatel	143/2	LANE, Magenquetschklemme	547
Knochenplattenhaltezange, LANE	325	KÜNTSCHER, Aufreiber	321	LANE, Pinzette	84
Knochenraspel	294	KÜNTSCHER, Extraktor	322	LANE, Schraubenhaltezange	325
Knochenraspel, PUTTI	294	KÜNTSCHER, Fertigschläger	321	LANE, Schraubenzieher	323
Knochensplitterzange, BÖHLER	241	KÜNTSCHER, Vorbohrer	321	LANE, Tuchklemme	133
Knochensplitterzange, COTTELE-KAZANJIAN	241	Kupplungskopf, LEYLA	368/1	LANE-TRETHOWAN, Knochenhebel	290
Knochensplitterzange, LISTON	241	Kürette	600, 612	LANG, Tränensack-Dissektor	378
Knochensplitterzange, McINDOE	241	Kürette, ANTRUM	435	LANGE, Aufsatz	472
Knochensplitterzange, RUSKIN-LISTON	241	Kürette, BLAKE	595	LANGE, Nasenflügelhähchen	448
Knochensplitterzange, SEMB	242	Kürette, BUHM	597	LANGENBECK, Knochenhebel	286
Knochensplitterzange, STAMM	241	Kürette, COAKLEY	449	LANGENBECK, Amputationsmesser	44
Knochensplitterzange, STILLE-HORSLEY	242	Kürette, COBB	252	LANGENBECK, Fingersäge	296
Knochensplitterzange, STILLE-LISTON	242	Kürette, FAULKNER	449	LANGENBECK, Fingerschützer	311
Knochenstanze, CITELLI	430	Kürette, FOX	608	LANGENBECK, Knochenhaltezange	243
Knochenstanze, OSTROEM	430	Kürette, GOURDET	599	LANGENBECK, Knorpelmesser	47
Knopfsonde	199	Kürette, HEANY	584	LANGENBECK, Nadelhalter	213
Knopfsonde, JACOBSON	335	Kürette, HEBRA	377	LANGENBECK, Ohrschlinge	409
Knorpelmesser, LANGENBECK	47	Kürette, HOUSE	420	LANGENBECK, Respirator	275
Knorpelquetscher, COTTELE	440	Kürette, KEVORKIAN	587	LANGENBECK, Wundhaken	158, 159
Knorpelschere, McINDOE	65/1	Kürette, MEYHOEFER	377	LANGENBECK-GREEN, Wundhaken	153
KNOWLES, Verbandschere	70	Kürette, MOD. MUENCHEN	587	Lanzemesser, JAEGER	372
Koagulationselektrode	629	Kürette, NOVAK	587	Lärmtrömmel, BARANY	405
KOCHER, Arterienklemme	108	Kürette, PIFFARD	608	LARSEN, Sehnenfasspinzette	292
KOCHER, Blasenspatel	552	Kürette, RANDALL	587	Laryngoskop, HOLINGER	37
KOCHER, Darmklemme	540	Kürette, RAY	334	Laryngoskop, JACKSON	37
KOCHER, Kropfsonde	479	Kürette, RECAMIER	597	Laryngoskop, MILLER	30
KOCHER, Wundhaken	155, 159, 160, 163	Kürette, SCHRODER	595	Laryngoskop-Kaltlichtgriff, Batteriegriff	33
KOCHER-LANGENBECK, Wundhaken	159	Kürette, SIMS	597	Laryngoskop-Warmlicht, Batteriegriff	32
KOENIG, Führungshohlsonde	221/1	Kürette, THOMAS	599	Laryngoskop-Warmlichtgriff, Trafo-Anschluss	34
KOENIG, Nadel	223	 L		Lateralspreizer	569
KOERTE, Wundhaken	162	LA FORCE, Fremdkörpernadel	374	LAWRENCE, Arterienklemme	119
Koffer, Gipssäge	230/18	LA FORCE, Ringmesser	450	LEBSCHE, Sternummeissel	267
KOGAN, Endospekula	577	LA GRANGE, Zahnfleischschere	69	LEES, Bronchusklemme	504
Komedonenquetscher, SAALFED	608	LA GRANGE, Supercutscschere	72	LEGUE, Blasenspatel	553
Komedonenquetscher, SCHAMBERG	608	LABORDE, Trachealdilatator	476	LEKSELL (STILLE), Hohlmeisselzange	240
Komedonenquetscher, UNNA	608	LACRIMAL, Augenkäule	394	LELAND-JONES, Gefäsklemme	495
Komedonenquetscher, WALTON	608	Ladekon, RUDD	568	LEMPERT, Elevator	420
Kompressionsrum, FELDHEIM	249	LAHEY, Arterienklemme	120	LEMPERT, Hohlmeisselzange	237
Komprimeter	295	LAHEY, Kropffasszange	479	LEMPERT, scharfer Löffel	256
KÖNIG, Knochenhebel	284	LAHEY, Wundhaken	157	LERCHE, Fasspinzette	83
KÖNIG, Raspator	276	LAMBERT, Chalazionspinzette	393	LERICHE, Arterienklemme	111
KÖNIG, Wundhaken	153	LAMBERT-KAY, Anastomosenklemme	505	LERICHE, Bauchspatel	143/2
KOOS, Duramesser	335	LAMBERT-LOWMAN, Knochenhaltekammer	249	LERICHE, Darmspatel	143/2
Kopfhautklammer, RANEY	327	LAMBOTTE, Knochenhaltezange	244	LESTER, Fixationspinzette	389
Kopfschwartzenzange, GAUSS	605	LAMBOTTE, Osteotom	261	LEVISON, Fremdkörpernadel	374
Kornzange	135	LAMBOTTE, Raspator	274	LEWIN, Knochenhaltezange	246
Kornzange, BRYANT	137	Laminektomie-Sperr, CHERRY	488	LEWIS, Nasenraspel	443
Kornzange, CHERON	137	Laminektomie-Spreizer, CASPAR	179, 180	LEXER-BABY, Präparierschere	53
Kornzange, COLLIN	137	Laminektomie-Spreizer, MEYERDING	180	LEXER, Flachmeissel	263
Kornzange, DUPLAY	134	Laminektomie-Spreizer, SCOVILLE	196	LEXER, Hohlmeissel	263
Kornzange, GROSS-MAIER	134	Laminektomie-Spreizer, SCOVILLE-HAVERFIELD	196	LEXER-Mini, Hohlmeissel	263
Kornzange, MAIER	134	Laminektomie-Zange, CLOWARD	342	LEXER, Präparierschere	53
Kornzange, PELKMANN	137	Laminektomie-Zange, CUSHING	340	LEYLA, Fixierzvorrichtung	368/1
Kornzange, SIMS-MAIER	134				

LEYLA, Halteamr	368/4	LUCAE, Häkchen.	409	MAXI-GRASPER, Uterus-Biopsiezange	593
LEYLA, Hirnspatelhalter	368	LUCAE, Hammer	271	MAY, Ophthalmoskop UNI II	14
LEYLA, Kugelgelenkkloben	368/4	LUCAE, Ohrpinzette	410	MAYFIELD, Hohlmeißelzange	238
LEYLA, Kupplungskopf	368/4	LUCAE, Parazentese-Nadel	408	MAYO, Gallensteinlöffel	534
LEYLA, Retraktor-System	368 - 368/4	LUCAE, Stimmgabel	404	MAYO, Gallensteinsonde	534
LICHTENBERG, Nadelhalter	213	LUER, Hohlmeisselzange	236	MAYO, Pinzette	89
Lichtleiterkabel-Siebkorb	623	LUER, Trachealkanüle	479	MAYO, Präparierschere	52/1
Lichtträger	37	LUER, Wundhaken	140	MAYO, Sterilisierklammer	227, 624
Lichtträger, JACKSON	37	LUER-KOERTE, Gallensteinlöffel	533	MAYO, Supercutschere	71
Lichtträger, HOLLINGER	37	Luftdusche, POLITZER	406	MAYO, Zungenspatel	451
LICHTWITZ, Kieferhöhlenktrokar	204	Luftpumpe	295	MAYO-ADAMS, Wundspreizer	171
Lidplatte, JAEGER	371	LUIKART, Geburtszange	603	MAYO-BLAKE, Gallensteinzange	530/2
Lidsperre, ARRUGA	370	LUIKART-BILL, Zughebel	604	MAYO-COLLINS, Wundhaken	141
Lidsperre, BARRAQUER	370	Lungenfasszange, LOVELACE	490	MAYO-GUYON, Arterienklemme	122
Lidsperre, BOWMAN	370	Lungenschere, CRAFOORD	65/2	MAYO-HABERISSE, Drahtzange	319
Lidsperre, CASTROVIEJO	371	Lungenspatel	489/2	MAYO-HEGAR, Nadelhalter	209
Lidsperre, CLARK	370	Lungenspatel, ALLISON	489/2	MAYO-NOBLE, Präparierschere	52/1
Lidsperre, CRITCHETT	370	LUNGSGAARD, Sklerotom	373	MAYO-ROBSON, Darmklemme	541
Lidsperre, GRAEFE	370	LUNIATSCHEK, Tamponstopfer	465	MAYO-STILLE, Präparierschere	52/1
Lidsperre, LANCASTER	371	Lupuskürette, FOX	608	MAYO-STILLE, Supercutschere	71
Lidsperre, LIEBERMAN	371	Lupuskürette, PIFFARD	608	McDONALD, Elevator	283
Lidsperre, LISTER-BURCH	370			McCULLOUGH, Strabismuspinzette	385
Lidsperre, MELLINGER	370			McGEE, Häkchen	419
Lidsperre, MELLINGER-AXENFELD	370			McGEE, Mikro-Ohrzängchen	414
Lidsperre, MUELLER	371			McGIVNEY, Hämorrhoidal-Ligator	568
Lidsperre, MURDOCK	370			McGIVNEY, Hämorrhoidal-Zange	568
Lidsperre, PARK	371			McINDOE, Knochensplitterzange	241
Lidsperre, SMITH	370			McINDOE, Knorpelschere	65/1
Lidsperre, STEVENSON	371			McINDOE, Pinzette	85
Lidsperre, WEEK	370	MAINGOT, Hysterektomieklemme	123/1, 123/2	McINTYRE, Augenkanüle	394
Lidsperre, WILLIAMS	370	MALTZ (COTTLE), Nasenraspel	444	McIVOR, Mundsperrer	457
Lidsperre, ZIEGLER	371	MALTZ, Nasenraspel	443	McKENTY, Septumelevator	437, 438
LIEBERMAN, Lidsperre	371	Mammaria, Sternum-Sperer	487/1	McKENZIE, Anlegezange	326
Ligatur-Gummiringe, McGIVNEY	568	Mandrin, RUMEL-BELMONT	528	McKENZIE, Bohrer	299
Ligaturklemme, DeBAKEY	499, 500	Manometer	295	McLEAN, Geburtszange	603/1
Ligaturklemme, DeBAKEY-RUMEL	499	Manometer, SCHULTZE	596	McLEAN-LUIKART, Geburtszange	603/1
Ligaturschere	54	Markierungsinstrument, CONNIN-AMSLER	380	McLEAN-TUCKER, Geburtszange	603/1
Linsenhaken, STEVENS	375	Markraumbohrer	322	McPHERSON, Fadenpinzette	392
Linsenmanipulator, BECHERT	379	MARQUARD, Hohlmeisselzange	239	MEAD, Hammer	271
Lippenhalter	453, 451	MARSCHIK, Tonsillenfasspinzette	468	MEAD, Hohlmeisselzange	235
Lippenhalter, CAWOOD-MINNESOTA	451	MARTEL, Fasszange	110	Medizinbecher	621
LISTER (SINUS), Tupferzange	137	MARTIN, Beckenzirkel	605	Medizinlöffel	268, 621
LISTER, Supercutschere	72	MARTIN, Cartilageschere	65/1	MEEKER, Arterienklemme	119
LISTER, Verbandschere	69/1	MARTIN, Knochenhaltezange	246	MEHDORN, Anlegepinzette	362
LISTER-BURCH, Lidsperre	370	MARTIN, Uterussonde	586	MEHDORN, Gefäßclip	362
LISTON, Amputationsmesser	44	MARTIN, Verbindungsstab	633	Mehrweck-Gefäßklemme	520
LISTON, Knochensplitterzange	241	MARTIN, Wundspreizer	175/1	Mehrweck-Gefäßklemme, BAINBRIDGE	495/1, 495/2
LITTAUER, Ciliengelpinze	395	MARTINI, scharfer Löffel	257	Mehrweck-Gefäßklemme, COOLEY	518 - 520
LITTAUER, Fadenschere	66	MASING, Elevator	437	Mehrweck-Gefäßklemme, GLOVER	515
LITTAUER, Ohrzängchen	411	MASING, Nasenhaken	447	Mehrweck-Gefäßklemme, DeBAKEY	495, 508, 514 - 517
LITTAUER, Polypenzange	425	MASSING-NEVERT, Nasenhaken	447	Mehrweckschale	620
LITTLE, Wundhaken	157	MASSON, Nadelhalter	210	Meissel, BRUNETTI	268
LITTER, Irissschere	55	Maßband	25	Meissel, CINELLI	441
LITTLEWOOD, Darmfasszange	538	Mastdarm-Biopsiezange, TURREL	567	Meissel, FREER	442/1
LOCKHART-MUMMERY, Fistelsonde	200	Mastdarm-Biopsiezange, YEOMAN	566, 567	Meissel, HAJEK	442/1
LOCKLIN, Zahnhöferschere	69	Mastdarm-Spekula, ALAN-PARKS	561	Meissel, KILLIAN	442/1
LOCKWOOD-ALLIS, Darmfasszange	538	Mastdarm-Spekula, BARR	559	Meissel, KILLIAN-CLAUS	442/1
Löffelzängchen	416	Mastdarm-Spekula, BODENHAMMER	559	Meissel, SILVER	442
LONDON-COLLEGE, Zahnpinzelte	93	Mastdarm-Spekula, CZERNY	559	Meissel, WEST	442/1
LOPEZ-REINKE, Tonsillen-Dissektor	465	Mastdarm-Spekula, MATHIEU	560	Meisselklinge	266
LORENZ, Verbandschere	70	Mastdarm-Spekula, PRATT	559	MELLINGER, Tuchklemme	370
LORNA, Tuchklemme	133	Mastdarm-Spekula, SIMS	559	MELLINGER, Lidsperre	370
LOUTE, Drahtspanninstrument	315	Mastdarm-Spekula, SCHULZE-BERGMANN	560	MENGHINI, Biopsiekannüle	206
LOVE, Nerwurzelhaken	329/2, 330	MASTIN, Muskelklemme	479	Meniskushaken, BLOUNT	289
LOVE, Wundhaken	465	MATHIEU, Fremdkörperzange	553/1	Meniskussmesser, NEFF	292
LOVE-GRUENWALD, Laminektomiezange	340	MATHIEU, Mastdarmspekula	560	Meniskussmesser, SMILLIE	292
LOVELACE, Arterienklemme	109	MATHIEU, Nadelhalter	213	MERCEDES, Thoraxsperrer	489
LOVELACE, Lungenfasszange	490	MATHIEU, Wundhaken	141	MERIAL, Zahnpinzelte	93
LOWER, Arterienklemme	120	MATHIEU-OLSEN, Nadelhalter	212	Messbecher	620
LOWMAN, Knochenhalteklammer	249	MATSON, Raspator	279	Messer, Amputation	44
LOWMAN-HOGLUND, Knochenhalteklammer	249	MATSON-ALEXANDER, Raspator	279	Messer, BARKAN	373
LUBET-BARBON, Nasentamponzange	424	MAUNDER, Mundkeil	459	Messer, BARRAQUER	373
LUC, Septumzange	426				

Messer, BERENS	372
Messer, CASTROVIEJO	372
Messer, CONVERSE	435
Messer, COTTE	435
Messer, DEAN	372
Messer, FREER	434
Messer, GRAFE	372
Messer, JAEGER	372
Messer, JOSEPH	434, 435
Messer, KNAPP	372
Messer, PAUFIQUE	373
Messer, PLESTER	418
Messer, POLITZER	408
Messer, REDA	435
Messer, ROSEN	418
Messer, SCHEIE	373
Messer, SCHUKNECHT	418
Messer, SEXTON	408
Messer, TABB	418
Messer, WHEELER	373
Messer, WULLSTEIN	418
Messer, ZIEGLER	372, 373
Messer, Zwischenknochen	44
Messgerät, IWANSON	624
Messinstrumente	594
Messschieber	26
Messonde, HOUSE	420
Messzirkel, CASTROVIEJO	380
Metalkatheter	555
Metalkatheter, COXETER	555
METZENBAUM, Nadelhalter	211
METZENBAUM, Präparierschere	53 - 54
METZENBAUM, Supercutsciere	71
MEYER, Knochenhaltezange	248
MEYERDING, Laminektomiespreizer	180
MEYERDING, Wundhaken	157, 177
MEYERDING, Wundspreizer	180
MEYHOEFER, Chalazionskürette	377
MICHEL, Kehlkopfspiegel	423
MICHEL, Wundklammern	224
MICHEL, Wundklammerpinzette	224
MICHEL, Wundklammerzange	224
Micro-FRIEDMANN, Hohlmeisselzange	234
Micro-HARTMANN, Arterienklemme	104
MICROVASCULAR, Nadelhalter	210
MIDDLEDORPF, Wundhaken	160
MIDDLETON-JANSEN, Septumzange	430
Mikro-chirurgische Pinzette	94
Mikro-chirurgische Pinzette, GOMEL	96
Mikro-Fasszängchen, Rohrschaft	415
Mikro-Kanüle, ZÖLLNER u. WULLSTEIN Sauggriff	337/1
Mikro-Löffelzängchen, Rohrschaft	416
Mikro-Löffelzängchen, WULLSTEIN	416
Mikro-Messsonde, HOUSE	420
Mikro-Ohrscherchen, BELLUCCI	413, 417
Mikro-Ohrscherchen, SHEA	413
Mikro-Ohrzängchen	413 - 416
Mikro-Ohrzängchen, COS	414
Mikro-Ohrzängchen, DIETER	414
Mikro-Ohrzängchen, GREVEN	414
Mikro-Ohrzängchen, HAUGH	414
Mikro-Ohrzängchen, JUERS	414
Mikro-Ohrzängchen, McGEE	414
Mikro-Rohrschaftzange REDA	474
Mikro-Schere, GOMEL	80
Mikro-Schere, HEPP-SCHEIDEL	78
MIKULICZ, Darmklemme	543
MIKULICZ, Peritoneumklemme	123
MIKULICZ, Wundhaken	163
MIKULICZ-BABY, Peritoneumklemme	123
MILLER, Laryngoskop	30
MILLER, Nasenraspel	444
MILLIGAN, Dura-Dissektor	332

MILLIN, Blasensperrer	552, 553
MILLIN, Kapselaffaspinzette	550, 551
MILLIN, Prostatafasszange	550, 551
Mini-Bulldogklemme, DeBAKEY-DIETHRICH	101
Mini-Bulldogklemme, DIETRICH	101
Mini-Schnellkupplungshandgriff	301
Mini-Skalpell	41
Mini-Skalpelgriffe	41
MINI-LAMBOTTE, Flachmeissel	262
MINI-TOWNSEND-DOWN, Biopsiezange	591
MINI-TOWNSEND-UP, Biopsiezange	591
MIXTER, Arterienklemme	116
MIXTER, Gallensteinzange	530/2
MIXTER-BABY, Arterienklemme	119/1
MIXTER-DeBAKEY, Gefäßklemme	499/2
MIXTER-O'SHAUGNESSY, Arterienklemme	119/2
Mobilisierhaken, TESSIER	463/3
MOD. BONN, Nahtpinzette	387
MOD. TÜBINGEN, Fadenpinzette	392
MOD. TÜBINGEN, Nahtpinzette	387
MOD. MÜNCHEN, Biopsiekürette	587
MOD. VIENNA, Nasenspekula	421
MOELTGEN, Winkelmess	25
MOGEN, Beschneidungsgerät	556
MOLLISON, Wundspreizer	171
MOLT, Raspatorium	276
Monopolare Elektrode	629
Monopolare Pinzette	634
MOOR, Gallensteinlöffel	531
MOORE, Handbohrapparat	298
MOORFIELD, Nahtpinzette	392
MORGAN, Proktoskop	565
MORITZ-SCHMIDT, Zungenspatel	452
MORRIS, Wundhaken	164
MORRIS-DeBAKEY, Aortaklemme	506
MORSE, Rippensperrer	484
MORSE-FAVALORO, Rippensperrer	484
Motorfilter	231/1
MOYNIHAN, Arterienklemme	120
MOYNIHAN, Gallensteinsonde	531
MOYNIHAN, Tuchklemme	133
Mukosamesser, FREER	434
MÜLLER, Approximator	364
MÜLLER, Gefäßclip	365
MUELLER, Lidsperrer	371
Mundkell, MAUNDER	459
Mundsperrer, DAVIS-BOYLE	455
Mundsperrer, DAVIS-MEYER	457
Mundsperrer, DENHART	454
Mundsperrer, DINGMANN	456
Mundsperrer, DOYEN-JANSEN (MOLT)	454
Mundsperrer, HEISTER	454
Mundsperrer, JENNINGS	454
Mundsperrer, KILNER-DOUGHTY	456
Mundsperrer, McIVOR	457
Mundsperrer, ROSER-KOENIG	454
MURDOCK, Lidsperrer	370
MURPHY, Wundhaken	156
MURPHY-LANE, Elevator	283
MUSEUX, Hakenzange	583
Muskelhaken	267
Muskellklemme, MASTIN	479
Muskelpinzette, BERKE	389
Muskelpinzette, PRINCE	387
Muskelpinzette, SNELLEN	393
Muskelpinzette, TROUTMAN	389
Mutternschlüssel	313
MYLES, Nasenzange	427
Myomheber, DOYEN	594
Myommesser, SEGOND	594
Myrtenblattsonde	199
N	
NABATOFF, Krampfaderbesteck	201
Nabelschnurklemme, COLLIN	605
Nabelschnurklemme, KANE	605
Nabelschnurschere, BUSCH	64
Nabelschnurschere, MOD. USA	64
Nabelschnurschere, SCHUMACHER	64
Nadel, BARBARA	419
Nadel, chirurgisch	222
Nadel, REVERDIN	220
Nadel, ROSEN	419
Nadel, YOUNG-BOOMERANG	220
Nadeldose	615
Nadelelektrode, monopolar	628, 629
Nadelführer, IOWA	206
Nadelhalter, ADSON	211
Nadelhalter, ARRUGA	214
Nadelhalter, BABY-OLSEN-HEGAR	212
Nadelhalter, BABY-WEBSTER	208
Nadelhalter, BARRAQUER	216, 217
Nadelhalter, BARRAQUER-TROUTMAN	216
Nadelhalter, BAUMGARTNER	208
Nadelhalter, BOYNTON	214
Nadelhalter, BOZEMANN	211
Nadelhalter, BROWN	209
Nadelhalter, CASTROVIEJO	215, 216
Nadelhalter, COLLIER	208
Nadelhalter, CRILE	213
Nadelhalter, CRILE-MURRAY	209
Nadelhalter, CRILE-WOOD	209
Nadelhalter, DeBAKEY	210
Nadelhalter, DERF	208
Nadelhalter, FINOCCHIETTO	211
Nadelhalter, GILLIES	212
Nadelhalter, HALSEY	208
Nadelhalter, HEANEY	210
Nadelhalter, HOESL	213
Nadelhalter, JACOBSEN	215
Nadelhalter, JOHNSON	211
Nadelhalter, KALT	214
Nadelhalter, KALT-ARRUGA	214
Nadelhalter, KILNER	212
Nadelhalter, LANGENBECK	213
Nadelhalter, LICHTENBERG	213
Nadelhalter, MASSON	210
Nadelhalter, MATHIEU	213
Nadelhalter, MATHIEU-OLSEN	212
Nadelhalter, MAYO-HEGAR	209
Nadelhalter, METZENBAUM	211
Nadelhalter, MICROVASCULAR	210
Nadelhalter, NEVERT	208
Nadelhalter, OLSEN-HEGAR	212
Nadelhalter, RYDER	210
Nadelhalter, SAROT	211
Nadelhalter, STEVENS	214
Nadelhalter, STRATTE	212
Nadelhalter, WANGENSTEEN	210
Nadelhalter, WEBSTER	208
Nadelkasten	615
NAEGELE, Geburtszange	603
Nagelausreisszange, RADOLF	297
Nageldoppelfeile	612/1
Nagelfeile	610
Nagelhautzange	610, 613
Nagelinstrument, INGROWN	612/1
Nagelschere	609, 610, 614
Nagel-Set	609
Nagelsplitterinstrument	612/1
Nagelzange	609, 612/2, 613, 614
Nagelzange, ANVIL	613
Nagelzange, TURNBULL	609
NAGER, Tonsillennadel	466
NAGER, Wundhaken	465

Nahbesteck	226	Nervhaken, ADSON	329	Ohrspekula, HARTMANN	399
Nahtpinzette, CASTROVIEJO	392	Nervhaken, CRILE	328	Ohrspekula, POLITZER	399
Nahtpinzette, MOD. BONN	387	Nervhaken, CUSHING	328	Ohrspekula, RICHNAU-HOLMGREN	400
Nahtpinzette, MOD. TUEBINGEN	387	Nervhaken, DANDY	328	Ohrspekula, SIEGLE	402
Nahtpinzette, MOORFIELD	392	Nervhaken, D'ERRICO	329/2	Ohrspekula, TOYNBEE	399
Nahtpinzette, St. MARTIN	392	Nervhaken, DeMARTEL	330	Ohrspekulhalter, LEYLA	368/3
Nasenflügelhähchen, LANGE	448	Nervhaken, GRAHAM	329	Ohrspritze, REINER	406
Nasenhaken, AUFRICHT	447	Nervhaken, HESS	329/1	Ohrzängchen	413 - 416
Nasenhaken, CONVERSE	448	Nervhaken, HOLSHER	329/1	Ohrzängchen, COS	414
Nasenhaken, COTTLE	447, 447/1	Nervhaken, LOVE	329/2, 330	Ohrzängchen, GREVEN	414
Nasenhaken, FOMON	447/1	Nervhaken, SACHS	329	Ohrzängchen, HARTMANN	411, 412, 424
Nasenhaken, KILNER	447/1	Nervhaken, SCOVILLE	329/1, 330	Ohrzängchen, HARTMANN-HOFFMANN	412
Nasenhaken, MASING	447	Nervhaken, SMITHWICK	329	Ohrzängchen, HARTMANN-WULLSTEIN	412
Nasenhaken, MASING-NEVERT	447	Nervhaken, YASARGIL	330	Ohrzängchen, HAUGH	414
Nasenneissel, WEST	442/1	Nervrädchen, WARTENBERG	25	Ohrzängchen, HEYMANN-KNIGHT	425
Nasenmesser, CONVERSE	435	Nervwurzelhaken, D'ERRICO	329/2	Ohrzängchen, JUERS	414
Nasenmesser, COTTLE	435	Nervwurzelhaken, HESS	329/1	Ohrzängchen, LITTAUER	411, 425
Nasenmesser, FREER	434	Nervwurzelhaken, LOVE	329/2, 330	Ohrzängchen, LUBET-BARBON	424
Nasenmesser, JOSEPH	434, 435	Nerwurzelhaken, SCOVILLE	329/1, 330	Ohrzängchen, McGEE	414
Nasenolive, POLITZER	406	Neuro-chirurgische Schere	65	Ohrzängchen, NOYES	425
Nasenpinzette, JANSEN	424	Neuro-chirurgische Schere, STRULLY	65	Ohrzängchen, STRUEMPL	412
Nasenpinzette, JANSEN-GRUENWALD	424	NEWS, Trachealhaken	477	Ohrzängchen, TILLEY	411
Nasenpinzette, TROELTSCH	424	Nierenklammer, GUYON	122	Ohrzängchen, WESTMACOTT	424
Nasenraspel, AUFRICHT	443	Nierenschale	619	Ohrzängchen, WULLSTEIN	416
Nasenraspel, FOMON	444	Nierensteinklammer, HERRICK	123	OLDBERG, Laminektomie-Zange	341/1
Nasenraspel, JOSEPH	443	Nierensteinzange, HEIMING	536	OLIVECRONA, Drahtsäge	332
Nasenraspel, JOSEPH (LEWIS)	443	Nierensteinzange, RANDALL	535	OLIVECRONA, Dura-Dissektor	332
Nasenraspel, LEWIS	443	Nierenstielklammer, WERTHEIM-CULLEN	125	OLIVECRONA, Hirnspatel	336
Nasenraspel, MALTZ	443	NISSEN, Arterienklammer	113	OLIVECRONA, Hohlmeisselzange	237
Nasenraspel, MALTZ (COTTLE)	444	NORDFOLK/NORWICH, Wundspreizer	172	OLIVECRONA-TOENNIS, Anlegezange	326
Nasenraspel, MILLER	444	NORTHBENT, Fadenschere	66	OLLIER, Wundhaken	162
Nasenraspel, PEET	446	NOTO, Uterus-Polyenzange	585	OLSEN-HEGAR, Nadelhalter	212
Nasenraspel, WIENER	443	NOVAK, Biopsiekürette	587	OMBREDANNE, Hammer	273
Nasensäge, JOSEPH	446	NOVOTEX, Hohlmeissel	264	Ophthalmologie-Schere, AEBLI	58
Nasenschere	429	NOYES, Augenschere	75	Ophthalmologie-Schere, GRADLE	57
Nasenschere, COTTLE	59	NOYES, Polyenzange	425	Ophthalmologie-Schere, STEVENS	58
Nasenschere, FOMON	58	Nystagmusbrille, FRENZEL	20	Ophthalmoskop, MAY UNI II	14
Nasenschere, HEYMANN	58	O			
Nasenspekula, COTTLE	423	Obduktions-Besteck	269		
Nasenspekula, HARTMANN	422	Oberarmmanschette	295		
Nasenspekula, HARTMANN-HALLE	421	Oberschenkelmanschette	295		
Nasenspekula, KILLIAN	423	OBWEGESER, Ahle	463, 463/3		
Nasenspekula, MOD. VIENNA	421	OBWEGESER, Blattostetom	464/1		
Nasenspekula, REDA	423	OBWEGESER, Elevator	461/1		
Nasenspekula, THUDICHUM	421	OBWEGESER, Osteotom	463, 464/1		
Nasenspekula, TIECK-HALLE	423	OBWEGESER, Raspator	462		
Nasenspekula, VOLTOLINI	421	OBWEGESER, Wundhaken	460, 461/1		
Nasentamponzange, LUBET-BARBON	424	OCHSNER, Trokar	205		
Nasentamponzange, WESTMACOTT	424	O'CONNOR, Iriskächen	375		
Nasenzange	431	OEHLER, chirurgische Pinzette	81/1		
Nasenzange, CAPLAN	428	Ohrhebel, ZAUFAL	409		
Nasenzange, GRAIG	426	Ohrhebel, ZAUFAJ-JANSEN	409		
Nasenzange, HARTMANN	427	Ohrkathereter, HARTMANN	408		
Nasenzange, MIDDLETON-JANSEN	430	Ohrkürette, BUCK	407		
Nasenzange, MYLES	427	Ohröf fel, GROSS	409		
Nasenzange, RUBIN	428	Ohrmesser, POLITZER	408		
Nasenzange, SCHMEDEN	427	Ohrmesser, SEXTON	408		
Nasenzange, STRUCKYKEN	427	Ohrpinzette JANSEN	424		
Nasenzange, TAKAHASHI	427	Ohrpinzette JANSEN-GRUENWALD	424		
Nasenzange, WATSON-WILLIAMS	428	Ohrpinzette LUCAE	410		
Nasenzange, WEIL-BLAKESLEY	426	Ohrpinzette, TROELTSCH	410, 424		
NEFF, Meniskusmesser	292	Ohrschlinge, BILLEAU	409		
NEGUS, Bruststütze	459	Ohrschlingen, CHILLI	409		
NEGUS, Tonsillenzange	467	Ohrschlingen, SHAPLEIGH	410		
NEIVERT, Nadelhalter	208	Ohrsonde, STACKE	199		
NEIVERT-ANDERSON, Septummeissel	442	Ohrspekula, BOUCHERON	399		
NELATON, Hohlsonde	199	Ohrspekula, BRUENINGS	401		
NELSON, Gefäßpinzette	89	Ohrspekula, GRUBER	399		
NELSON, Trokar	205				
NELSON, Unterbindungsnael	219				
NEONATAL, Atriumaklemme	523				
Neonatal-Gefäßklemme, CASTANEDA	527				
Nervhähchen, KRAYENBUCHEL	336				

P	
PALMER-POZZI, Hakenzange.....	582
Parametriumklemme, REDA.....	128/1
Parametriumschere TC.....	63
Parazentesenadel, LUCAE.....	408
Parazentesenadel, POLITZER.....	408
PARK, Lidsperrer.....	371
PARKER, Wundhaken.....	139
PARKER-LANGENBECK, Wundhaken.....	141
PARTSCH, Flachmeissel.....	259
PARTSCH, Hammer.....	271
PARTSCH, Hohlmeissel.....	259
PASSOW, Blutstillungsmesser.....	260
PATELLA, Knochenhaltezange.....	248
PATON, Hornhautdissektor.....	373
PAUFIQUE, Fadenpinzette.....	392
PAUFIQUE, Keratoplastik-Messer.....	373
PAYR, Darmquetschklemme.....	548
PAYR, Führungsbohrsonde.....	221/1
PAYR-BABY, Darmquetschklemme.....	548
PEAN, Arterienklemme.....	108, 110
PEAPOD, Rongeur.....	341/1
PECK-JOSEPH Präparierschere.....	74
PEDERSON, Scheidenspekula.....	570
PENFIELD, Dissektor.....	333
PEERS, Tuchklemme.....	132
PEET, Nasenraspel.....	446
PEET, Splitterzange.....	92
PELKMANN, Tupferzange.....	137
Pelvis-Haken, St. MARKS.....	165
Penisklemme, STOCKMANN.....	553/1
Penisklemme, STRAUSS.....	553/1
PENNINGTON, Arterienklemme.....	109
PENNINGTON, Septumelevator.....	438
PERCY, Retraktor.....	296
Perforatorie, SMELLIE.....	607
Peripheral-Gefäßklemme, DeBAKEY.....	494
Peripheral-Gefäßklemme, LELAND-JONES.....	494
Peritoneumklemme, FAURE.....	123
Peritoneumklemme, MIKULICZ.....	123
Peritoneumklemme, PHANEUF.....	123
PERKINS, Wundspreizer.....	168
Perkussionshammer, BABINSKY.....	24
Perkussionshammer, BERLINER.....	24
Perkussionshammer, BUCK.....	24
Perkussionshammer, TAYLOR.....	24
Perkussionshammer, TROEMNER.....	24
PERTHES, Pfriem.....	304
PESTALOZZA, Abortuskürette.....	606
PETRI, Schale.....	620
PETZ, Magen- und Darmnähapparat.....	549
Pfriem.....	304
Pfriem, PERTHES.....	304
Phalangenmesser.....	44
PHANEUF, Peritoneumklemme.....	123
PIERCE, Kieferhöhlentrokar.....	204
PIERCE, Septumelevator.....	438
PIFFARD, Lupuskürette.....	608
PILLING, Clipanlegezange.....	524, 525
PINARD, Stethoskop.....	23
Pinzette, ADLERKREUTZ.....	84
Pinzette, ADSON.....	81/2, 82, 334
Pinzette, ADSON-BROWN.....	82
Pinzette, ADSON-DeBAKEY.....	81/2
Pinzette, anatomisch.....	81
Pinzette, ARRUGA.....	391
Pinzette, atrauma.....	98, 99
Pinzette, AYER.....	393
Pinzette, BARRAQUER.....	384, 390, 395
Pinzette, BARRAQUER-KATZIN.....	384
Pinzette, BEER.....	395
Pinzette, BERKE.....	389
Pinzette, bipolar.....	630 - 632

Pinzette, BISHOP-HARMAN	385
Pinzette, BONACCOLTO	388
Pinzette, BONNEY	84
Pinzette, BROWN	83
Pinzette, CARMALT	91
Pinzette, CASTROVIEJO	390 - 392
Pinzette, COLLIN-DUVAL	85
Pinzette, COTTE	410
Pinzette, CUSHING	83
Pinzette, CUSHING-TAYLOR	87
Pinzette, DASTOOR	386
Pinzette, DAVIS	227
Pinzette, DeBAKEY	98, 99
Pinzette, DESMARES	393
Pinzette, DOUGLAS	395
Pinzette, DUEHRSEN	84
Pinzette, DURANTE	88
Pinzette, DUVAL	85
Pinzette, ELSCHNIG	389, 391
Pinzette, FEILCHENFELD	91
Pinzette, FERRIS-SMITH	85
Pinzette, FISCHER	384
Pinzette, FOERSTER	383
Pinzette, FUCHS	391
Pinzette, GERALD	85, 86
Pinzette, GILL	384
Pinzette, GILL-ARRUGA	390
Pinzette, GILL-HESS	384
Pinzette, GILLIES	86
Pinzette, GOMEL	96
Pinzette, GRADLE	395
Pinzette, GRAEFE	83, 382, 389
Pinzette, GREEN	390
Pinzette, HESS	384, 391
Pinzette, HUNT	97
Pinzette, HUNTER	91
Pinzette, JACKSON	471
Pinzette, JAMESON	385
Pinzette, JANSEN	424
Pinzette, JANSEN-GRUENWALD	424
Pinzette, KALT	391
Pinzette, KIRBY-ARTHUR	385
Pinzette, KNAPP-LUER	393
Pinzette, LANE	84
Pinzette, LERCHE	83
Pinzette, LESTER	389
Pinzette, LITTAUER	395
Pinzette, LONDON-COLLEGE	93
Pinzette, LUCAE	410
Pinzette, MAYO	89
Pinzette, McCULLOUGH	385
Pinzette, McINDOE	85
Pinzette, MCPHERSON	392
Pinzette, MERIAM	93
Pinzette, Mikrochirurgie	94, 96
Pinzette, MOD. BONN	387
Pinzette, MOD. TÜBINGEN	387, 392
Pinzette, Monopolar	634
Pinzette, MOORFIELD	392
Pinzette, NELSON	89
Pinzette, OCHSNER	88
Pinzette, OEHLER	81/1
Pinzette, PAUFIQUE	392
Pinzette, POTTS-SMITH	81
Pinzette, PRINCE	387
Pinzette, REDA	395
Pinzette, SCHWEIGGER	391
Pinzette, SEMKEN	86
Pinzette, SINGLEY	88
Pinzette, SNELLEN	393
Pinzette, STEVENS	383
Pinzette, STILLE	81
Pinzette, STILLE-BARRAYA	88
Pinzette, St. MARTIN	392
Pinzette, STRASSBURGER MODELL	89
Pinzette, TAYLOR	87
Pinzette, TERSON	391
Pinzette, TROELTSCH	424
Pinzette, TROUTMAN	389
Pinzette, Tumor	97
Pinzette, Uhrmacher	90
Pinzette, Ultra-light	95
Pinzette, USA	81/1
Pinzette, WAGENSTEEN	89
Pinzette, WAUGH	83
Pinzette, WILDE (TROELTSCH)	410
Pinzette, YASARGIL	97
PIPER, Geburtszange	604
Pistole f. Reinigung	626
Plastik-Hammer	271
Platztabecken	621/1
PLESTER, Messer	418
PLESTER, Saugrohr	338
PLESTER, Wundspreizer	171
POLITZER, Gummibürste	406
POLITZER, Luftdusche	406
POLITZER, Nasenlive	406
POLITZER, Ohnmesser	408
POLITZER, Ohrspekula	399
POLITZER, Parazentesen-Nadel	408
Poletz f. Oberarm- u. Oberschenkelmanschette	295
Polyponschlinge	411
Polyponschneider, KRAUSE	411, 433/2
Polyponschneider, KRAUSE-VOSS	433/2
Polyponschneider, WILDE	411, 433/2
Polyenzange, BRUENINGS	425
Polyenzange, HARTMANN	424
Polyenzange, HEYMANN	425
Polyenzange, HEYMANN-KNIGHT	425
Polyenzange, JURASZ	471
Polyenzange, KNIGHT	425
Polyenzange, LITTAUER	425
Polyenzange, LUBET-BARBON	424
Polyenzange, NOYES	425
Polyenzange, WESTMACOTT	424
POOLE, Saugrohr	27
POST MORTEM	269
POTTS, Anastomosen-Klemme	493
POTTS, Coarctations-Klemme	492
POTTS, Gefäßklemme	492, 493
POTTS-DEMARTEL, Gefäßschere	59
POTTS-SMITH, anatomische Pinzette	81
POTTS-SMITH, chirurgische Pinzette	81
POTTS-SMITH, Gefäßschere	61
POZZI-PALMER, Hakenzange	582
Präparierschere	52
Präparierschere, DEAVER	52
Präparierschere, JORGENSEN	53
Präparierschere, LEXER	53
Präparierschere, LEXER-BABY	53
Präparierschere, MAYO	52/1
Präparierschere, MAYO-NOBLE	52/1
Präparierschere, MAYO-STILLE	52/1
Präparierschere, METZENBAUM	53/1
Präparierschere, METZENBAUM FINO	53/1
Präparierschere, PECK-JOSEPH	74
Präparierschere, TOENNIS-ADSON	65
Präparierschere, WELLER	53/2
PRATT, Dilatator	580
PRATT, Fasszange	110
PRATT, Fistelsonde	563
PRATT, Hakenzange	584
PRATT, Mastdarm-Spekula	559
PRATT, Uterus-Dilatator	580
PRECISA, Blutdruckmessgerät	9

PRESBYTERIAN, Schlauchklemme	129
PRICE-THOMAS, Bronchusklemme	490
PRINCE, Muskelpinzette	387
PRINCE, Tonsillenschere	59
PROBE AND PACKER	612
Profundaklemme, GREGORY	517
Proktoskop, BENSAUDE	565
Proktoskop, CHELSEA-EATON	563
Proktoskop, FANSLER	564
Proktoskop, HIRSCHMANN	563
Proktoskop, IVES-FANSLER	563
Proktoskop, KELLY	563, 564
Proktoskop, MORGAN	565
Prostatafasszange, MILLIN	550, 551
Prostatahaken, YOUNG	550
PROVIDENCE-HOSPITAL, Arterienklemme	106
Pulverbüser, KABIERSKER	405
Pulverbüser, UNIVERSAL	405
Pumpe f. Komprimeter	295
Punktionskanüle, FRAZIER	337
PUTTI, Knochenraspel	294
Pyloruspreizer, BENSON	544
 Q	
QUERVAIN, Elevator	275
QUINBY, Zahnfleischschere	67
QUIRE, Fremdkörperhebel	412
QUISLING, Hammer	271
 R	
Rachiotom	267
RADOLF, Nagelausreisszange	297
RAGNELL, Wundhaken	140
Rahmen, DENIS-BROWNE, Bauchdeckenhalter	185
Rahmen, KIRSCHNER, Bauchdeckenhalter	185 - 187/1
Rahmen, O'SULLIVAN-C'CONNOR	576
RALK, Handbohrapparat	300
RAMPLEY, Tupferzange	136
RAMUS, Wundhaken	461
RANDALL, Biopsiekürette	587
RANDALL, Nierensteinzange	535
RANEY, Klammeranlegezange	327
RANEY, Kopfhautklammern	327
Rasierklingen	45
Rasiermesser	49
Raspatorium	279
Raspatorium, ADSON	282
Raspatorium, ALEXANDER	276
Raspatorium, COBB	280
Raspatorium, DINGMANN	463, 463/3
Raspatorium, DOYEN	278
Raspatorium, FARABEUF	274
Raspatorium, FARABEUF-COLLIN	274
Raspatorium, FOMON	277
Raspatorium, GUILEN	433/1
Raspatorium, HARGIS	463/2
Raspatorium, JOSEPH	277
Raspatorium, KÖNIG	276
Raspatorium, LAMBOTTE	274
Raspatorium, LANGENBECK	275
Raspatorium, MATSON	279
Raspatorium, MATSON-ALEXANDER	279
Raspatorium, MOLT	276
Raspatorium, OBWEGESER	462
Raspatorium, QUERVAIN	275
Raspatorium, SEBILLEAU	275
Raspatorium, SEDILLOT	274, 275
Raspatorium, SELDIN	277
Raspatorium, SEMB	278
Raspatorium, WILLIGER	276
Raspatorium, MOLT	276
Raspel, AUFRICHT	443
Raspel, FOMON	444, 445

Raspel, GALLAHER	446
Raspel, JOSEPH	443, 446
Raspel, JOSEPH (LEWIS)	443
Raspel, MALTZ	443
Raspel, MALTZ (COTTLE)	444
Raspel, MILLER	444
Raspel, PEET	446
Raspel, WIENER	443
Rauchabsaugröhre, KLEINSASSER	36
RAY, Hypophysenkürette	334
RECAMIER, Uteruskürette	597, 598
Recordspritz	596
REDA, Amputationsmesser	44
REDA, Augenmangnet	395
REDA, Cilienspinzette	395
REDA, EXCENTER, Verbandschere	69/2
REDA, Fadengabel	221
REDA, Fingerringssäge	297
REDA, Führungshohlsonde	221/1
REDA, Gipsspreizer	232
REDA, Handbohrapparat	300
REDA, Hauthäckchen	150
REDA, Kappenzange	615
REDA, Klingentreiber	45
REDA, Knochenhaltezange	246, 247
REDA, Mikro-Rohrschaftzange	474
REDA, Nasenspekulum	423
REDA, Organ- u. Gewebegefäßzange	111
REDA, Parametrumklemme	128/1
REDA, Parametrumschere	63
REDA, scharfer Löffel	256
REDA, Sichelmesser	435
REDA, Watteträger	203
REDON, Führungsnadel	207
REES, Face-Lift-Schere	73
Reibahle	304
REICHERT, Kehldeckenhalter	471
REILL, Knochenhaltezange	248
REINER, Gipsmesser	233
REINER, Ohrspritze	406
Reinigungsafasat	626
Reinigungspistole	626
Rektal-Absaugrohr, BUIE	566
Rektal-Schnüre, WESTON	566
Rektal-Spekulum, SAWYER	560
Rektal-Spekulum, HILL-FERGUSON	560
Rektum-Anastosenklemme, HAYES	545
Repositionszange, ROWE	459
RESANO, Darmklemme	542
RESANO, Kapselschere	53/2
Resektionsmesser	47
Retraktor	463/4
Retraktoren, PERCY	296
Retraktoren, Intraoral	463/1, 463/4
Retraktor-System, LEYLA	368 - 368/4
REVERDIN, Darmspatel	143/3
REVERDIN, Nadel	220
REYNOLDS, chirurgische Schere	54/1
REYNOLDS, Supercutschere	72
Rhinoplastikscheren, FOMON	65/1
RIBBON, Bauch- u. Darmspatel	143/1
RICARD, Bauchdeckenhalter	191
RICHARDSON, Wundhaken	142
RICHARDSON-EASTMAN, Wundhaken	142
RICHARDSON-GRIP, Wundhaken	142
RICHNAU-HOLMGREN, Ohrspekula	400
RICHTER-HEATH, Wundklammerzange	224
RIENHOFF-FINOCHIETTO, Rippensperrer	486
RIGBY, Bauchdeckenhalter	189/2
Raspatorium, WILLIGER	17
RING, Zungenspatel	455
Ringmesser, BARNHILL	450
Ringmesser, BECKMANN	450
Ringmesser, LAFORCE	450
Ringmesser, St. CLAIR-THOMSON	450
Rippenkontraktor, BAILEY	489/1
Rippenkontraktor, BAILEY-BABY	489/1
Rippenkontraktor, BAILEY-GIBBON	489/1
Rippenkontraktor, SELLORS	489/1
Rippenschere	480
Rippenschere, BETHUNE	481
Rippenschere, BRUNNER	481
Rippenschere, COLLIN	480
Rippenschere, CORYLLOS	480
Rippenschere, GIERTZ-STILLE	481
Rippenschere, GLUCK	480
Rippenschere, SAUERBRUCH	481
Rippenschere, SAUERBRUCH-FREY	481
Rippenschere, STILLE	480
Rippensperer, CHERRY	488
Rippensperer, COOLEY	485, 487
Rippensperer, COOLEY-NEONATAL	485
Rippensperer, DeBOER	486
Rippensperer, FINOCHIETTO	482, 484
Rippensperer, FINOCHIETTO-BABY	482
Rippensperer, FINOCHIETTO-BURFORD	483
Rippensperer, HAIGHT	487
Rippensperer, MORSE	484
Rippensperer, MORSE-FAVALORO	484
Rippensperer, RIENHOFF-FINOCHIETTO	486
Rippensperer, TUFFIER	487
RITTER-HALLE, Stirnhöhlendilatator	433
ROBB, Spatel	530/1
ROBERTS, Arterienklemme	117
ROCHARD, Bauchdeckenhalter	186
ROCHARD, Fixievorrichtung	186
ROCHESTER-CARMALT, Arterienklemme	109
ROCHESTER-OCHSNER, Arterienklemme	108
ROCHESTER-PEAN, Arterienklemme	108
ROEDER, Tuchklemme	132
ROGER, Septumelevator	437
ROGERS, Hysterektomieklemme	127
ROGGE, Sterilisierzange	227
Rohrschaftzange, REDA	474
Rollenklemme	131
Rollenklemme, BÜLOW-GUNAR-HEY	130
ROLLET, Extipationsmeissel	374
ROLLET, Tränsenackenhäckchen	375
Rongeur, CLOWARD	342
Rongeur, CUSHING	340
Rongeur, DECKER	341
Rongeur, FERRIS-SMITH	343
Rongeur, LANDOLT	341/2
Rongeur, LOVE-GRUENWALD	340
Rongeur, OLDBERG	341/1
Rongeur, PEAPOD	341/1
Rongeur, SCHLESINGER	342
Rongeur, SPURLING	340
Rongeur, WAGNER	343
ROSE, Wundhaken	140
ROSEN, Messer	418
ROSEN, Nadel	419
ROSEN, Saugkanüle	338
ROSER-KOENIG, Mundsperrer	454
ROSS, Aortahaken	148/1
ROUX-BABY, Wundhaken	140
ROUX MINI, Wundhaken	140
ROUX, Wundhaken	139
ROWE, Repositionszange	459
RUBIN, Septummeissel	440
RUBIN, Septumzange	428
RUDD, Hämorrhoidal-Ligator	568
RUMEL, Arterienklemme	117
RUMEL-BELMONT, Tourniquet	528
RUMEL-DeBAKEY, Gefäßklemme	499
RUSKIN, Hohlmeisselzange	239

RUSKIN-LISTON, Knochensplitterzange	241
RUSSEL-DAVIS, Zungenspatel	458
RUSSISCHES MODELL, Fasspinzette	85
RYDEL-SEIFFERT, Stimmgabel	404
RYDER, Nadelhalter	210

S

Säge, GIGLI	332
Sägeblatt	230/14 - 230/17
Sägeblatt, Fingerringsäge	297
SAALFELD, Komodonenquetscher	608
SACHS, Dura-Dissektor	332
SACHS, Nervhaken	329
SAENGER, Abortuszange	606
Sagitalspreizer, SMITH	463/5
Salpingograph, SCHULTZE	596
SANVENERO, chirurgische Schere	54/1
SAROT, Arterienklemme	118
SAROT, Nadelhalter	211
SATINSKY, Gefäßklemme	491
SATINSKY, Gefäßschere	65/2
SATINSKY, Tangentialklemme	502
SATO, Hornhautmesser	373
Sattelhäkchen	151, 152
Sattelhäkchen, CUSHING	151, 152
Sattelhäkchen, DESMARRES	151
Sattelhäkchen, GIL-VERNET	152
SATTERLEE, Amputationsäge	296
SAUERBRUCH, Abfallzange	227
SAUERBRUCH, Hohlmeisselzange	240
SAUERBRUCH, Ripponschere	481
SAUERBRUCH, Wundhaken	164, 166
SAUERBRUCH-FREY, Ripponschere	481
Sauggriff, WULLSTEIN	338
Saugkanüle, ROSEN	338
Saugkanüle, SCHMID	338
Saugkürette, NOVAK	587
Saugkürette, RANDALL	587
Saugraspatorium, GUILEN	433/1
Saugrohr	337/1
Saugrohr, ADSON	337
Saugrohr, ANDREW-PYNCHON	28
Saugrohr, BABY-YANKAUER	27
Saugrohr, BARON	336
Saugrohr, COOLEY	28
Saugrohr, DeBAKEY	28
Saugrohr, FERGUSSON	337
Saugrohr, FRAZIER/FERGUSSON	337
Saugrohr, HOUSE	337/2
Saugrohr, PLESTER	338
Saugrohr, POOLE	27
Saugrohr, ROSEN	338
Saugrohr, SCHMID	338
Saugrohr, YANKAUER	27
Saugrohr, YASARGIL	337/1
Saugrohr, ZÖLLNER	337/1
Saugschlauch	231
SAWTELL, Tonsillenzange	467
SAWYER, Rektal-Spekulum	560
SAYRE, Elevator	281
SCAGLIETTI, Hohlmeisselzange	240
SCALP-CONTOUR, Wundspreizer	169
Schädelhalter, CRUTCHFIELD	327
Schädelspalter	267
Schädelstanze, CONE	331
Schädelzage, DeVILBISS	332
SCHAEDEL, Tuchklemme	132
Schaft	230/4, 230/7
Schale, PETRI	620
Schälmesser, Tracheotomie	475
SCHAMBERG, Komodonenquetscher	608
Scharfer Löffel	255
Scharfer Löffel, BRUNS	251, 254

Scharfer Löffel, BUSHE	256
Scharfer Löffel, COBB	252
Scharfer Löffel, DAUBENSPECK	255
Scharfer Löffel, HALLE	253
Scharfer Löffel, JACOBSON	257
Scharfer Löffel, JANSEN	257
Scharfer Löffel, LEMPERT	256
Scharfer Löffel, MARTINI	257
Scharfer Löffel, REDA	256
Scharfer Löffel, SCHEDE	251
Scharfer Löffel, SCOVILLE	253
Scharfer Löffel, SPINAL	253
Scharfer Löffel, SPRATT	251
Scharfer Löffel, VOLKMANN	257
Scharfer Löffel, WILLIGER	255, 257
SCHEDE, scharfer Löffel	251
Scheidenspekula	569 - 577
Scheidenspekula, AUWARD	576
Scheidenspekula, BREISKY	577
Scheidenspekula, COLLIN	570
Scheidenspekula, CUSCO	570, 571
Scheidenspekula, DELEE	574
Scheidenspekula, DOYEN	574
Scheidenspekula, GRAVE	570
Scheidenspekula, JACKSON	573
Scheidenspekula, KALLMORGEN	573
Scheidenspekula, KRISTELLER	572
Scheidenspekula, LANDAU	577
Scheidenspekula, O'SULLIVAN-O'CONNOR	576
Scheidenspekula, PEDERSON	570
Scheidenspekula, SCHERBAK	575
Scheidenspekula, SEMM	571
Scheidenspekula, SIMS	573
Scheidenspekula, TRELAT	571
Scheidenspekula, VU-MORE	569
SCHEIE, Goniotomiemesser	373
SCHEINMANN, Aufsatz	472
SCHERBAK, Scheidenspekula	575
Schere, AEBL	58
Schere, BABY-METZENBAUM	71
Schere, BARRAQUER	75
Schere, BEEBEE	68
Schere, BERGMANN	69/1
Schere, BETHUNE	481
Schere, BOETTCHER	59
Schere, BRAUN-STADLER	64
Schere, BRUNNER	481
Schere, BRUNS	70
Schere, BUSCH	64
Schere, CASTROVIEJO	79
Schere, COLLIN	480
Schere, COTTE	56, 59
Schere, CORYLLOS	480
Schere, CRAFOORD	65/2
Schere, DEAN	59
Schere, DeBAKEY	60, 61
Schere, DIETRICH	60
Schere, DOYEN	63
Schere, DUBOIS	63
Schere, ESMARCH	69/2
Schere, FAVALORO	61
Schere, FERGUSSON	66
Schere, FOMON	58, 65/1
Schere, FREEMAN	74
Schere, GLUCK	480
Schere, GOLDMAN-FOX	67
Schere, GOMEL	80
Schere, GOOD	59
Schere, GORNEY	73
Schere, GRADLE	57
Schere, GRAEFE	56
Schere, Haut	610
Schere, HEATH	66
Schere, HEPP-SCHEIDEL	78
Schere, HEYMANN	58
Schere, IRIS	54/2, 72
Schere, JORGENSEN	53
Schere, JOSEPH	54/1
Schere, KAYE	73
Schere, KELLY	61
Schere, KILLIAN	471
Schere, KILNER	54/1
Schere, KILNER/RAGNELL	72
Schere, KLINKENBERGH-LOTH	65/2
Schere, KNAPP	55
Schere, KNOWLES	70
Schere, LA GRANGE	69, 72
Schere, LANDOLT	58
Schere, LEXER	53
Schere, LEXER-BABY	53
Schere, Ligatur, TC	54
Schere, LISTER	69/1, 72
Schere, LITTAUER	66
Schere, LITTER	55
Schere, LOCKLIN	69
Schere, LORENZ	70
Schere, MARTIN	65/1
Schere, MAYO	52/1, 71
Schere, MAYO-NOBLE	52/1
Schere, MAYO-STILLE	52/1, 71
Schere, MCINDOE	65/1
Schere, METZENBAUM	53/1, 54, 71
Schere, MIKRO	76
Schere, Nagel	609, 610
Schere, Neurochirurgie	65
Schere, NORTHBENT	66
Schere, NOYES	75
Schere, Parametrium	63
Schere, PECK-JOSEPH	74
Schere, POTTS-DeMARTEL	59
Schere, POTTS-SMITH	60, 61
Schere, PRINCE	59
Schere, QUINBY	67
Schere, REDA	77, 80
Schere, REDA EXCENTER	69/2
Schere, REES	73
Schere, RESANO	53/2
Schere, REYNOLDS	54/1, 72
Schere, SANVENERO	54/1
Schere, SATINSKY	65/2
Schere, SAUERBRUCH	481
Schere, SAUERBRUCH-FREY	481
Schere, SCHMIEDEN-TAYLOR	65/1
Schere, SCHUMACHER	64, 481
Schere, SEUTIN	69/2
Schere, SIEBOLD	62
Schere, SIMS	62
Schere, SMITH-US-ARMY	69/1
Schere, Standard	51
Schere, STILLE	480
Schere, STEVENS	58, 72
Schere, STRULLY	65
Schere, SYSTRUNK	66
Schere, THOREK	65/2
Schere, TOENNIS-ADSON	65
Schere, UNIVERSAL	67, 70
Schere, USA Mod.	64
Schere, VANNAS	79
Schere, WAGNER	67, 72
Schere, WALDMANN	64
Schere, WECKER	75
Schere, WELLER	53/2
Schere, WERTHEIM	63
Schere, WESTCOTT	75
Schielelehre, TOWNLEY	26
Schieltäkken, GRAEFE	375

Schielhaken, JAMESON.....	375	Sehnenschäler, BUNNELL.....	292	Siebschale	623
Schilddrüsenhaken, SCHOENBORN	479	SEIFERT, Aufsatz.....	472	SIEGLE, Ohrspekula.....	402
SCHIMMELBUSCH, Verbandstofftrommel	622	Sektionsnadel	268	Silberklammern	326
SCHINK, Dermatom	49	SELDIN, Raspator	277	Silikonlage, DAVIS-BOYLE	455
SCHIOETZ, Tonometer.....	394/2	SELECT, Verbindungskabel	633	Silikonschlauch, McIVOR	457
Schlauchhalterung.....	188	SELLHEIM, Geburtslöffel	607	SILVER, Dermatom	50
Schlauchklemme	129	SELLORS, Rippenkontraktor	489/1	SILVER, Septummeissel	442
Schlauchklemme, BÜLOW-GUNAR-HEY	130	SEMB, Bronchusklemme	491	SIMCOE, Spülkanüle	394/2
Schlauchklemme, HOFFMANN.....	624	SEMB, Hohlmeisselzange	240	SIMON, Uteruslöffel	594
Schlauchklemme, KLINIKUM BERLIN	129	SEMB, Knochenhaltezange	243	SIMON, Wundhaken	164
Schlauchklemme, PRESBYTERIAN	129	SEMB, Knochensplitterzange	242	SIMPLEX, Schlauchklemme	624
Schlauchklemme, SIMPLEX.....	624	SEMB, Raspator	278	SIMPSON, Geburtszange	602
Schlauchverbindungsstück	600	SEMKEN, anatomische Pinzette	86	SIMPSON-BRAUN, Geburtszange	602
SCHLESINGER, Laminektomiezange	342	SEMKEN, chirurgische Pinzette	86	SIMPSON-LUIKART, Geburtszange	603
Schlessklemme, STONE	545	SEMM, Scheidenspekula	571	SIMS, gynäkologische Schere	62
Schlinge, Polypenschnürer	433/2	SENN-GREEN, Wundhaken	153	SIMS, Mastdarm-Spekula	559
Schlüssel, Meissel	266	SENN-MILLER, Wundhaken	143	SIMS, Scheidenspekula	573
Schlüssel, Osteotome	266	Septenzange, KNIGHT	425	SIMS, Sonde	586
Schlüsselpaar, Gipsäge u. Autopsiesäge	230/18	Septenzange, HEYMANN	425	SIMS, Uterusdepressor	586
SCHMIDEN, Nasenzange	427	Septumhohlmeissel, FREER	442/1	SIMS, Uterusdilatator	581
SCHMID, Gefäß- u. Spülkanüle	338	Septumhohlmeissel, HAJEK	442/1	SIMS, Uteruskürette	597, 598
SCHMIEDEN, Führungshohlsonde	221	Septumhohlmeissel, KILLIAN-CLAUS	442/1	SIMS, Uterussonde	586
SCHMIEDEN-DICK, Unterbindungsnael	219	Septumelevator, BALLANGER	439	SIMS-MAIER, Kornzange	134
SCHMIEDEN-TAYLOR, Duraschere	65/1	Septumelevator, COTTE	439	SINGLEY, Gewebefasspinzette	88
Schnellkupplungs-Handgriff	301	Septumelevator, COTTE-JOSEPH	439	SINOSKOPIE-TROKAR	205
Schnellkupplungs-T-Handgriff	300, 301	Septumelevator, FREER	437, 439	SINSKEY, Häkchen	376
SCHNIDT, Tonsillenzange	467	Septumelevator, HAJEK-BALLANGER	439	SINUS, Septumelevator	438
SCHOENBORN, Schildrüsenhaken	479	Septumelevator, HALLE	437	Sinuskopie-Zange	431
Schraubenhaltehülse	324	Septumelevator, HOWARTH	438	Skalpelle Mini	41
Schraubenhaltezange, LANE	325	Septumelevator, JOSEPH	437	Skalpelle, steril	43
Schraubenzieher, Ferrozellgriff	323	Septumelevator, KILLIAN	438, 439	Skalpellgriff	38 - 42
Schraubenzieher, LANE	323, 324	Septumelevator, McKENTY	437, 438	Skalpellgriff Mini	41
Schraubenzieher, WILLIAMS	323	Septumelevator, PENNINGTON	438	Skalpellklingen	42
SCHRÖDER, Hakenzange	584	Septumelevator, PIERCE	438	Skalpellklingen-Entferner	42
SCHRÖDER, Uteruslöffel	595	Septumelevator, ROGER	437	SKENE, Hakenzange	582
SCHROEDER, Hakenzange	583	Septumelevator, SINUS	438	Sklerotom, GUYTON-LUNDSGAARD	373
SCHROEDER (POZZI), Hakenzange	582	Septummeissel, CINELLI	441	Sklerotom, LUNDSGAARD	373
SCHUBERT, Biopsiezange	588	Septummeissel, COTTE	440	SLS, Clipanlegezange	524, 525
SCHUKNECHT, Messer	418	Septummeissel, FOMON	441	SLUDER-BALLANGER, Tonsillotom	470
SCHULTZE, Salpingograph	596	Septummeissel, FREER	439	SMELLINE, Haken	605
SCHULZ-BERGMANN, Mastdarm-Spekula	560	Septummeissel, NEVERT-ANDERSON	442	SMELLIE, Perforarie	607
SCHUMACHER, Aufsatz	472	Septummeissel, RUBIN	440	SMILLE, Knochenhebel	291
SCHUMACHER, Biopsiezange	588	Septummeissel, SHEEHAN	441	SMILLIE, Meniskusmesser	292
SCHUMACHER, Nabelschnursschere	64	Septummeissel, SILVER	442	SMITH, Lidsperrer	370
SCHUMACHER, Sternumschere	481	Septumostetom, CINELLI	441	SMITH, Sagittalspreizer	463/5
SCHUMACHER, Uterus-Biopsiezange	589	Septumostetom, FOMON	441	SMITH, Spreizer	463/5
Schüssel	619	Septumostetom, SHEEHAN	441	SMITH, Spreizzange	463
Schwammzange	136	Septumrichtzange, ASCH	449	SMITH US ARMY, Verbandschere	69/1
Schwammzange, FOERSTER	136	Septumrichtzange, WALSHAM	449	SMITH-BUIE, Analspreizer	561
Schwammzange, RAMPLEY	136	Septumschere, KILLIAN	471	SMITH-PETERSEN, Hohlmeissel	261
SCHWEIGGER, Kapselpinzette	391	Septumzange, BRUENINGS	425	SMITH-PETERSEN, Hohlmeisselzange	238
Schwingmesser, BALLANGER	436	Septumzange, GRAIG	426	SMITH-PETERSEN, Osteotom	261
SCOVILLE, Haken	196	Septumzange, LUC	426	SMITHWICK, Anlegezange	326
SCOVILLE, Laminektomiespreizer	196	Septumzange, MIDDLETON-JANSEN	430	SMITHWICK, Nervhaken	329
SCOVILLE, Nervwurzelhaken	329/1, 330	Septumzange, RUBIN	428	SNELLEN, Muskelpinzette	393
SCOVILLE, scharfer Löffel	253	Sequesterzange	249	SNELLEN, Starschlinge	378
SCOVILLE-HAVERFIELD, Laminektomiespreizer	196	SERPENTINE-GRASPER, Fasszange	593	SOMER, Uterus-Fasszange	585
SCUDDER, Darmklemme	541	Set Doppel-Sägeblatt	230/7	Sonde, BRODIE	199
SEBILEAU, Raspator	275	Set Filtertüten	231/1	Sonde, COLLIN	586
SEDILLOT, Raspator	274, 275	Set Sägeblatt	230/5, 230/6	Sonde, DOYEN	199
Segmentsägeblatt	230/5, 230/15	SEUTIN, Verbandschere	69/2	Sonde, FISH	199
SEGOND, Hysterektonklemme	125	SEXTON, Ohrmesser	408	Sonde, HARMS	381
SEGOND, Myomresser	594	Sezierspender, VIRCHOW	48	Sonde, JACOBSON	335
SEGOND-LANDAU, Hysterektonklemme	125	SHAMBAUGH, Häkchen	419	Sonde, LOCKHARDT-MUMMERY	200
Sehnenfassinstrument, BRAND	293	SHAPLEIGH, Ohrschlinge	410	Sonde, MARTIN	586
Sehnenfassinstrument, CAROLL	293	SHEA, Mikro-Ohrschere	413	Sonde, NELATON	199
Sehnenfassinstrument, KLEINERT-KUTZ	294	SHEEHAN, Osteotom	441	Sonde, PRATT	563
Sehnenfassinstrument, LARSEN	292	SHEEHAN, Septummeissel	441	Sonde, SIMS	586
Sehnenfasszange	293	SHEETS, Augenkanüle	394/2	Sonde, STACKE	199
Sehnenfasszange, JACKSON	292	Sichelmesser, REDA	435	Sonde, VALLEIX	586
Sehnenführer, BUNELL	294	Sichelmesser, Tracheotomie	475	Sonde, WATSON-CHEYNE	199
Sehnenhaltezange, STEINMANN	292	Siebkorb, Endoskope u. Lichtleiterkabel	623	Sonde, WORST	381
Sehnenschäler, BRAND	294	SIEBOLD, gynäkologische Schere	62		

Sondenspitzen, NABATOFF	201	SPURLING, Laminektomiezange	340	STILLE-LUER, Hohlmeisselzange	239
Spannarm, flexibel, LEYLA	368/3	Sputumbecher	621/1	STILLE-RUSKIN, Hohlmeisselzange	239
Spannplatte	49	St. CLAIR-THOMSON, Ringmesser	450	STILLE-SHERMAN, Handbohrapparat	298
Spannschlüssel	313	St. MARKS, Wundhaken	165	Stimmgabel	403, 404
Spatel.....	203, 530/1, 612/1	St. MARKS-PELVIS, Haken	165	Stimmgabel, HARTMANN	403
Spatel, KOCHER.....	552	St. MARTIN, Nahtpinzette	392	Stimmgabel, LUCAE	404
Spatel, LEGUEU.....	552	STACKE, Ohrsonde	199	Stimmgabel, RYDEL-SEIFFERT	404
Spatel, ROBB.....	530/1	STAMM, Knochensplitterzange	241	Stirnhöhlendilatator, RITTER-HALLE	433
SPATULA AND PACKER.....	612	Standard, chirurgische Schere	51	Stirnlampe, CLAR	22
Spekula, BARR.....	559	STANDARD (NELSON) Trokar	204	Stirnspiegel, ZIEGLER	21
Spekula, BODENHAMMER	559	Standgefäß.....	620	STOCKMANN, Penisklammer	553/1
Spekula, BREISKY	577	Stanze, Aorta	528	STONE, Schließecklemme	545
Spekula, COLLIN	570	Stanze, CITELLI	430	STONE-WATT, Darmklammer	545
Spekula, CUSCO.....	570, 571	Stanze, COLCLOUGH	344/1	STONE-WATT, Klemmschloss	545
Spekula, CZERNY	559	Stanze, FERRIS-SMITH-KERRISON	344, 344/2	Stössel	258, 259
Spekula, DELEE	574	Stanze, HAJEK-KOFLER	429, 431	Stössel, CASPAR	258
Spekula, DOYEN	574	Stanze, KERRISON	428	STRABISMUS, Schere	58
Spekula, FRIEDMANN	577	Stanze, OSTROEM	430	Strabismuspinzette, BONACCOLTO	385
Spekula, GRAVE	570	Stanze, Zirkular	432	Strabismuspinzette, DASTOOR	386
Spekula, HILL-FERGUSON	560	Starlöffel, DAVID	377	Strabismuspinzette, JAMESON	385
Spekula, JACKSON	573	Starlöffel, GRAEFE	377	Strabismuspinzette, MCCULLOUGH	385
Spekula JOLL (FRIEDMANN)	577	Starlöffel, KNAPP	378	STRANDELL-STILLE, Wundhaken	157
Spekula, KALLMORGEN	573	Starmesser, DEUTSCHMANN	371	STRASSBURGER, Pinzette	89
Spekula, KOGAN	577	Starmesser, GRAEFE	371	STRATTE, Nadelhalter	212
Spekula, KRISTELLER	572	starrer Haltearm, LEYLA	368/1	STRAUSS, Penisklammer	553/1
Spekula, LANDAU	577	Starschlinge, ARLT	378	STRUEMPLER, Fremdkörperzängchen	412
Spekula, MATHIEU	560	Starschlinge, SNELLEN	378	STRULLY, neuro-chirurgische Schere	65
Spekula, O'SULLIVAN-O'CONNOR	576	Starschlinge, WEBER	378	STRUYCKEN, Nasenzange	427
Spekula, PEDERSON	570	Starschlinge, WILDER	378	SUBRAMANIAN, Kinder-Gefäßklemme	521
Spekula, PRATT	559	Stativ	188	Supercutscöhre	71
Spekula, SAWYER	560	Staubbeutel	231/1	Supercutscöhre, BABY-METZENBAUM	71
Spekula, SCHERBAK	575	Staubbinde, ESMARCH	296	Supercutscöhre, FREEMAN	74
Spekula, SCHULZE-BERGMANN	560	Staubsauger	231	Supercutscöhre, GORNEY	73
Spekula, SEMM	571	STAUDE-MOORE, Hakenzange	582	Supercutscöhre, IRIS	72
Spekula, SIMS	559, 573	Stechbecken	621/1	Supercutscöhre, KAYE	73
Spekula, TRÉLAT	571	STEINMANN, Knochennagel	307, 308	Supercutscöhre, KILNER	72
Spekula, VU-MORE	569, 570	STEINMANN, Sehnenhaltezange	292	Supercutscöhre, LISTER	72
SPENCER, Fadenschere	66	STELLBRINK, Hohlmeisselzange	234	Supercutscöhre, MAYO	71
SPENCER-WELLS, Arterienklemme	109	sterile Ersatzlinge	50	Supercutscöhre, MAYO-STILLE	71
Sperer, ALAN-PARKES	561	sterile Skalpell-Klingen	42	Supercutscöhre, METZENBAUM	71
Sperer, DAVIS-BOYLE	455	Sterilisierkasten	616, 618	Supercutscöhre, REES	73
Sperer, DINGMANN	456	Sterilisierklammer, BUNT	227, 624	Supercutscöhre, REYNOLDS	72
Sperer, KILNER-DOUGHTY	456	Sterilisierklammer, MAYO	227, 624	Supercutscöhre, STEVENS	72
Sperer, Mammaria	487/1	Sterilisiersiebschale	622	Supercutscöhre, WAGNER	72
SPINAL, scharfer Löffel	253	Sterilisierzange	227	SWEET, Anlegerzange	326
Spinalhaken, TAYLOR	291	Sterilisierzange, CHEATLE	227	SYSTRUNK, chirurgische Schere	66
SPINA-NASALIS, Wundhaken	461	Sterilisierzange, ROGGE	227		
Spiralbohrer	302	Sterilisierzange, UNIVERSAL	227		
Spitze, YANKAUER Saugrohr	27	STERNBERG, Wangenhalter	453		
Splitterpinzette	91	Sternummeissel, LEBSCHE	267, 480		
Splitterpinzette, CARMALT	91	Sternumschere, SCHUMACHER	481		
Splitterpinzette, FEILCHENFELD	91	Sternumsperrer, Mammaria	487/1		
Splitterpinzette, HUNTER	91	Stethoskop, ANESTOPHON	23		
Splitterpinzette, ARCHER	92	Stethoskop, DUPLEX	23		
Splitterzange, PEET	92	Stethoskop, PINARD	23		
Splitterzange, STIEGLITZ	92	STEVENS, Irispinzette	383		
Splitterzange, VIRTUS (RALK)	92	STEVENS, Linsenhaken	375		
SPRATT, scharfer Löffel	251	STEVENS, Nadelhalter	214		
Spreizer, ALAN-PARKS	561	STEVENS, Sehnschere	58		
Spreizer, BENSON	544	STEVENS, Supercutscöhre	72		
Spreizer, Lateral	569	STEVENSON, Lidsperrer	371		
Spreizer, LEGUEU	553	STIEGLITZ, Splitterzange	92		
Spreizer, MILLIN	552	STILLE, Arterienklemme	122		
Spreizer, SMITH	463/5	STILLE, Flachmeissel	260		
Spreizer, SMITH-BUIE	561	STILLE, Gipsschere	229		
Spreizer, THOMSON-WALKER	552	STILLE, Handbohrapparat	298		
Sprezzzange, SMITH	463	STILLE, Hohlmeissel	260		
Spritz	407	STILLE, Osteotom	260		
Spritz gefüllt mit Fett	230/18	STILLE, Pinzette	81, 81/1		
Spülkanüle, BISHOP-HARMON	394/1	STILLE, Rippenschere	480		
Spülkanüle, EICKEN (KILLIAN)	433	STILLE-BARRAYA, Gefäßpinzette	88		
Spülkanüle, KILLIAN	433, 433/1	STILLE-HORSLEY, Knochensplitterzange	242		
Spülkanüle, SIMCOE	394/2	STILLE-LISTON, Knochensplitterzange	242		

TC Pinzette, WAGENSTEEN	89	Tonsillenschere, PRINCE.....	59	TUFFIER, Gewebefasszange	110
TC Schere, FREEMAN.....	74	Tonsillenschneider, BRUENINGS	468	TUFFIER, Rippensperrer	487
TC Schere, GORNEY	73	Tonsillenschneider, EVES	468	TUFFIER, Wundhaken	147
TC Schere, KAYE	73	Tonsillenschneider, TYDING	469	Tumorfasszange, LANDOLT	341
TC Schere, PECK-JOSEPH	74	Tonsillenspritz	470	Tupferzange, YASARGIL	97
TC Schere, REES	73	Tonsillenzange, BALLENGER	467	Tupferzange, BRYANT	137
TEALE, Hakenzange.....	583	Tonsillenzange, BLOHMKE	467	Tupferzange, CHERON	137
TEBBETTS, Wundhaken	197	Tonsillenzange, NEGUS	467	Tupferzange, COLLIN	137
Teleskop Bohrdrahtstütze	299	Tonsillenzange, SAWTELL	467	Tupferzange, FOERSTER	136
TERSON, Kapselpinzette	391	Tonsillenzange, SCHNIDT	467	Tupferzange, LISTER (SINUS)	137
TESSIER, Haken	463/3	Tonsillenzange, TYDING	468	Tupferzange, PELKMANN	137
TESSIER, Mobilisierhaken	463/3	Tonsillenzange, WHITE	467	Tupferzange, RAMPLEY	136
T-Handgriff HUDSON	300	Tonsillotom, SLUDER-BALLENGER	470	TURNBULL, Nagelzange	609
T-Handgriff, Schnellkupplung	300, 301	Tonsillotom, TYDING	469	TURREL, Mastdarmbiopsiezange	567
THIERRY, Geburtszange	603	TOOK, Hornhautmesser	373	TYDING, Tonsillenschneider	469
THOMAS, Uteruskürette	599	Tourniquet, RUMEL-BELMONT	528	TYDING, Tonsillenzange	468
THOMAS-GAYLOR, Biopsiezange	588	TOWNLEY, Scheiblehre	26	TYDING, Tonsillotom	469
THOMS-ALLIS, Darmfasszange	538	TOWNSEND, Uterus-Biopsiezange	591		
THOMSON-WALKER, Blasenwundspreizer	552	TOYNBEE, Ohrspekula	399		
Thoraxsperrer, MERCEDES	489	Tracheahaken, BOSE	477		
THOREK, Gallenblasenschere	65/2	Trachealdilatator, LABORDE	476		
THUDICHUM, Nasenspekula	421	Trachealdilatator, TROUSSEAU	476		
TIACK-HALLE, Nasenspekula	423	Trachealdilatator, TROUSSEAU-BABY	476		
Tiefen-Messinstrument	594	Tracheahaken, ITERSON	477		
Tiefensägeblatt	230/6, 230/16	Tracheahaken, JACKSON	476		
TILLEY, Ohrzängchen	411	Tracheahaken, NEWS	477		
TISCHLER-DOWN, Uterus-Biopsiezange	591	Tracheakanüle, CHEVALIER-JACKSON	479		
TISCHLER-KEVORKIAN, Uterus-Biopsiezange	592	Tracheakanüle, LUER	479		
TISCHLER-MORGAN, Uterus-Biopsiezange	590, 591	Tracheakanüle, WAGENER-MOSHER	477		
TISCHLER-UP, Uterus-Biopsiezange	591	Tracheawundspreizer, BOSE	476		
Titan-Arterienklemme, CRILE	107	Trachompinzette, KNAPP-LUER	393		
Titan-Arterienklemme, KELLY	106	Tränenkanalidatator, CASTROVIEJO	381		
Titan-Bulldogklemme	102	Tränenkanalidatator, WILDER	381		
Titan-Pinzellette, DeBAKEY	99	Tränenkanalidatator, ZIEGLER	381		
TOBOLD, Watteträger	203	Tränenkanalsonde, BOWMAN	381		
TOBOLD, Zungendrücker	453	Tränen sackdisektoren, LANG	378		
TOENNIS, Arterienklemme	117	Tränen sackhäkchen, KNAPP	375		
TOENNIS, Dura-Dissektor	332	Tränen sackhäkchen, ROLLET	375		
TOENNIS-ADSON, Schere	65	TRAVERS, Wundspreizer	172		
TOHKU, Tuchklemme	132	TRELAT, Scheidenspekula	571		
Tonometer, SCHIOETZ	394/2	Trepchine, KEYES	608		
Tonsillennadel, CLAUS	466	TROELTSCH, Nasenpinzette	424		
Tonsillennadel, CLAUS-EICKEN	466	TROELTSCH, OHrpinzette	410, 424		
Tonsillennadel, DUPUY-WEISS	466	TROEMNER, Perkussionshammer	24		
Tonsillennadel, NAGER	466	Trokar, COAKLEY	204		
Tonsillendissektor, HURD	465	Trokar, DOUGLAS	204		
Tonsillendissektor, LOPEZ-REINKE	465	Trokar, LICHTWITZ	204		
Tonsillendissektor, YANKAUER	465	Trokar, NELSON	205		
Tonsillendraht	468	Trokar, OCHSNER	205		
Tonsillelevator, CARPENTER	465	Trokar, SINOSKOPIE	205		
Tonsillenelevator, HENKE	465	Trokar, STANDARD (NELSON)	204		
Tonsillenfasspinzette, MARSCHIK	468	Trokar, UNIVERSAL	204		
Tonsillenfasszange, ABRAHAM	468	TROUSSEAU, Trachealdilatator	476		
Tonsillenfasszange, BALLENGER	467	TROUSSEAU-BABY, Trachealdilatator	476		
Tonsillenfasszange, BLOHMKE	467	TROUTMAN, Irispinzette	384		
Tonsillenfasszange, COLVER	467	TROUTMAN, Muskelpinzette	389		
Tonsillenfasszange, MARSCHIK	468	TROUTMAN-CHRIS, Klingembrecher	45		
Tonsillenfasszange, NEGUS	467	Tubenkatheter, SCHULTZE	596		
Tonsillenfasszange, SAWELL	467	Tuchklemme	133		
Tonsillenfasszange, SCHNIDT	467	Tuchklemme, BACKHAUS	132		
Tonsillenfasszange, TYDING	468	Tuchklemme, BACKHAUS-CLIP	132		
Tonsillenfasszange, WHITE	467	Tuchklemme, BALL AND SOCKET	133		
Tonsillenmesser, ABRAHAM	466	Tuchklemme, BERNHARD	133		
Tonsillenmesser, BRUENINGS	466	Tuchklemme, DOYEN	133		
Tonsillenmesser, CANFIELD	466	Tuchklemme, JONES	132		
Tonsillenmesser, CARPENTER	465	Tuchklemme, JONES-CLIP	132		
Tonsillenmesser, DOUGLAS	466	Tuchklemme, LANE	133		
Tonsillenmesser, FISHER	466	Tuchklemme, LORNA	133		
Tonsillennadel	470	Tuchklemme, MOYNIHAN	133		
Tonsillenschere	59	Tuchklemme, PEERS	132		
Tonsillenschere, BOETTCHER	59	Tuchklemme, ROEDER	132		
Tonsillenschere, DEAN	59	Tuchklemme, SCHAEDEL	132		
Tonsillenschere, GOOD	59	Tuchklemme, TOHOKU	132		

Uterus-Depressor, BRAUN	586
Uterus-Depressor, SIMS	586
Uterus-Dilatator, GOODELL	581
Uterus-Dilatator, HANK	580
Uterus-Dilatator, HEGAR	578, 579
Uterus-Dilatator, PRATT	580
Uterus-Dilatator, SIMS	581
Uterus-Dilatator, WYLINE	581
Uterus-Fasszange, COLLIN	585
Uterus-Fasszange, DARTIGUES	585
Uterus-Fasszange, SOMER	585
Uterus-Kürette, BLAKE	595
Uterus-Kürette, BUMM	597, 598
Uterus-Kürette, RECAMIER	597, 598
Uterus-Kürette, SIMS	597, 598
Uterus-Kürette, THOMAS	599
Uterus-Löffel, GOURDET	599
Uterus-Löffel, SCHRÖDER	595
Uterus-Löffel, SIMON	594
Uterus-Sonde, COLLIN	586
Uterus-Sonde, MARTIN	586
Uterus-Sonde, SIMS	586
Uterus-Sonde, VALLEIX	586
Uterus-Zange, GREEN-ARMYTAGE	605

V

VALLEIX, Uterus-Sonde	586
Valve, CASPAR, Cervicalspreizer	179, 180
Valve, CLOWARD, Cervicalspreizer	178/1 - 178/4
Valve, Bauchdeckenhalter, BALFOUR	183
Valve, Bauchdeckenhalter, HORGAN	183
Valve, Scheidenspekula, O'SULLIVA-O'CONNOR	576
VAN BUREN, Dilatationsbougie	554
VAN BUREN, Knochenhaltezange	249
VAN DOREN, Biopsiezange	588
VANNAS, Augenschere	79
VARADY, Varaneninstrument	202
Varizeninstrument, VARADY	202
Vasektomieklemme	553/1
Verbandschere	70
Verbandschere, BERGMANN	69/1
Verbandschere, BRUNS	70
Verbandschere, ESMARCH	69/2
Verbandschere, KNOWLES	70
Verbandschere, LISTER	69/1
Verbandschere, LORENZ	70
Verbandschere, REDA EXCENTER	69/2
Verbandschere, SEUTIN	69/2
Verbandschere, SMITH US ARMY	69/1
Verbandschere, UNIVERSAL	70
Verbandstofftrommel, SCHIMMELBUSCH	622
Verbindungskabel	633
VERBRUGGE, Knochenhaltezange	245
VERBRUGGE-MÜLLER, Knochenhebel	287
VERESS, Insufflationskanüle	206
Verlängerungsrohr, BRUENINGS	472
Verlängerungsstück	299
Verstellbares Sägeblatt	230/7
VIENNA, Führungshohlsonde	221/1
VIRCHOEW, Seziermesser	48
VIRTUS (PALK) Splitterzange	92
VOLKMANN, Doppelöffel	257
VOLKMANN, Knochenhaken	156
VOLKMANN, scharfer Löffel	251, 257
VOLKMANN, Wundhaken	153, 154, 156
VOLTOLINI, Nasenspekula	421
Vorbohrer, KUENTSCHER	321
VU-MORE, Scheidenspekula	569

W

WACHENFELDT, Wundklammerpinzette	224
WADSWORTH-TODD, Cauter	378
WAGENER, Häkchen	409

WAGENER-MOSHER, Trachealkanüle	477
WAGENSTEEN, Gefässpinzette	89
WAGNER, Laminektomiezange	343
WAGNER, SCHERE	67
WAGNER, Supercutschere	72
WALDMANN, Episotomie-Schere	64
WALSHAM, Septumrichtzange	449
WALTHER, Dilator-Katheter	555
WALTON, Fingerringssäge	297
WALTON, Fremdkörperhohlmeißel	374
WALTON, Komedenquetscher	608
Wangenhalter	453, 451
Wangenhalter, CAWOOD-MINNESOTA	451
Wangenhalter, STERNBERG	453
WANGENSTEEN, Nadelhalter	210
WARTENBERG, Nervädchen	25
WATSON, Dermatom	50
WATSON-CHEYNE, Elevator	283
WATSON-CHEYNE, Sonde	199
WATSON-WILLIAMS, Nasenzange	428
Wattdose	621
Watteträger, FARRELL	203
Watteträger, JOBSON-HORNE	203
Watteträger, REDA	203
Watteträger, TOBOLD	203
Watteträger, UCKERMANN	203
WALLICH, Abortusöffel	607
WAUGH, chirurgische Pinzette	83
WEBER, Aortenklemme	501
WEBER, Starschlinge	378
WEBSTER, Nadelhalter	208
Wechselpinzette, Blätter	179
WECKER, Augenschere	75
WECKER, Irisspatel	378
WEEK, Lidsperrer	370
WEIL-BLAKESLEY, Nasenzange	426
WEITLANER, Wundspreizer	169
WEITLANER-WULLSTEIN, Wundspreizer	169
WELLER, Präparierschere	53/2
WELLS, Enukleationsöffel	378
WERTHEIM, gynäkologische Schere	62
WERTHEIM, Hysterekтомieklemme	124, 128
WERTHEIM, Hysterektonieschere	63
WERTHEIM-CULLEN, Nierenstielklemme	125
WEST, Hohlmeissel	442/1
WEST, Nasenmeissel	442/1
WESTCOTT, Augenschere	75
WESTMACOTT, Nasentamponzange	424
WESTON, Rektalschnürrer	566
WHEELER, Diszisionsmesser	373
WHEELER, Zykloidialysespatel	379
WHITE, Tonsillenzange	467
WIEDER, Zungendrücker	452
WIENER, Antrumraspel	443
WIENER, Irishäkchen	375
WIGMORE, Gipsmesser	229
WIKSTROEM, Arterienklemme	117
WILDE, Polypenschnürrer	411, 433/2
WILDE (TROELTSCH), Ohrpinzette	410
WILDER, Starschlinge	378
WILDER, Tränenkanal-Dilatator	381
WILLET-MARTEL, Fasszange	110
WILLIAMS, Darmfasszange	539
WILLIAMS, Lidsperrer	370
WILLIAMS, Schraubenzieher	323
WILLIGER, Hammer	271
WILLIGER, Raspatör	276
WILLIGER, scharfer Löffel	255, 257
Winkelmesser, MOELTGEN	25
WINTER, Abortuszange	606
Wirbelsäuterspreizer, CLOWARD	339
Wirbelsäuterspreizer, INGE	339
WITTNER, Uterus-Biopsiezange	589
WOLFF, Gipsabreisszange	233
WOODSON, Dura-Dissektor	333
WORST, Sonde	381
WRIGLEY, Geburtszange	602
WULLSTEIN, Messer	418
WULLSTEIN, Mikro-Löffelzängchen	416
WULLSTEIN, Mikro-Ohrzängchen	416
WULLSTEIN, Sauggriff	338
WULLSTEIN, Wundspreizer	171
Wundhaken	463/3
Wundhaken, ALM	168
Wundhaken, ANDERSON	198
Wundhaken, AUFRANC-COBRA	289
Wundhaken, BREAST	198
Wundhaken, BRUNNER	167
Wundhaken, COLLIN	139
Wundhaken, COLLIN-HARTMANN	141
Wundhaken, COOLEY	148
Wundhaken, CORONAL	198
Wundhaken, CORYLLOS	166
Wundhaken, CRILE	140
Wundhaken, CUSHING	151- 153
Wundhaken, CZERNY	141
Wundhaken, DAVIDSON	166
Wundhaken, DEAKER	145, 146
Wundhaken, DEAKER-GRIP	146
Wundhaken, DESMARRES	151
Wundhaken, DOYEN	163
Wundhaken, DOYEN-STILLE	167
Wundhaken, FARABEUF	139
Wundhaken, FERRIERA	197
Wundhaken, FINSEN	168
Wundhaken, FREEMAN	198
Wundhaken, FRITSCH	163
Wundhaken, GIL-VERNET	152
Wundhaken, GOLET	141
Wundhaken, GREEN	160
Wundhaken, HARGIS	463
Wundhaken, HARRINGTON	147
Wundhaken, HARRINGTON-PEMBERTON	147
Wundhaken, HASSON	143
Wundhaken, HEANEY	164
Wundhaken, HIBBS	164
Wundhaken, HÖSEL	167
Wundhaken, HOFER	465
Wundhaken, HOLZHEIMER	168
Wundhaken, ISRAEL	162
Wundhaken, JANSEN	168
Wundhaken, KELLY	164
Wundhaken, KELLY-GRIP	142
Wundhaken, KLAPP	150
Wundhaken, KÖNIG	153
Wundhaken, KOCHER	155, 159, 160, 163
Wundhaken, KOCHER-LANGENBECK	159
Wundhaken, KOERTE	162
Wundhaken, LAHEY	157
Wundhaken, LANGENBECK	158, 159
Wundhaken, LANGENBECK-GREEN	153
Wundhaken, LITTLE	157
Wundhaken, LOVE	465
Wundhaken, LUER	140
Wundhaken, MATHIEU	141
Wundhaken, MIDDELORPF	160
Wundhaken, MIKULICZ	163
Wundhaken, MEYERDING	177
Wundhaken, MORRIS	164
Wundhaken, MURPHY	156
Wundhaken, NAGER	465
Wundhaken, OBWEGESER	460, 461/1
Wundhaken, OLLIER	162
Wundhaken, PARKER	139
Wundhaken, RAGNELL	140
Wundhaken, RAMUS	461

Wundhaken, RICHARDSON.....	142	YASARGIL, SAUGROHR.....	337/1	Zange, WITTNER.....	589
Wundhaken, RICHARDSON-GRIP.....	142	YASARGIL, Spannarm.....	368/2	Zange, YEOMANN.....	567
Wundhaken, RICHARDSON-EASTMAN.....	142	YASARGIL, Tumorpinzette.....	97	ZAUFALE, Ohrhebel	409
Wundhaken, ROSE.....	140	YEOMAN, Mastdarm-Biopsiezange.....	566, 567	ZAUFALE-JANSEN, Hohlmeisselzange.....	238
Wundhaken, ROSS.....	148/1	YOUNG, Prostatahaken	550	ZAUFALE-JANSEN, Ohrhebel	409
Wundhaken, ROUX.....	139	YOUNG, Zungenzange	453	ZEIGLER, Lidsperrer.....	371
Wundhaken, ROUX-BABY.....	140	YOUNG-BOOMERANG, Nadel	220	ZENKER, Arterienklemme	118
Wundhaken, ROUX-Mini.....	140	Z		ZENKER, Wundhaken	161
Wundhaken, SAUERBRUCH.....	164, 166	Zahnfleischschere, GOLDMAN-FOX.....	67	Zerlegbare Stanze, FERRIS-SMITH-KERRISON	344/2
Wundhaken, SENN-GREEN.....	153	Zahnfleischschere, LA GRANGE.....	69, 72	ZIEGLER, Diszisionsmesser	373
Wundhaken, SENN-MILLER.....	143	Zahnfleischschere, LOCKLIN.....	69	ZIEGLER, Irismesser	372
Wundhaken, SIMON.....	164	Zahnfleischschere, QUINBY.....	67	ZIEGLER, Stirnspiegel.....	21
Wundhaken, SPINA-NASALIS.....	461	Zahnpinzette, LONDON-COLLEGE	93	ZIEGLER, Tränenkanal-Dilatator	381
Wundhaken, St. MARKS.....	165	Zahnpinzette, MERIAM	93	ZIELKE, Hohlmeissel	264
Wundhaken, STRANDELL-STILLE.....	157	Zange, ADAIR.....	582	Zirkular-Stanze	432
Wundhaken, TEBBETTS.....	197	Zange, ALEXANDER.....	589	ZÖLLNER, Saugrohr	337/1
Wundhaken, TUFFIER.....	147	Zange, ASCH.....	449	Zubehör f. Autopsiesäge	230/1 - 230/9
Wundhaken, US-ARMY/PARKER-LANGENBECK.....	141	Zange, BABY-TISCHLER.....	592	Zubehör f. oszillierende Gipssäge	230/11, 230/13
Wundhaken, VOLKMAN.....	153, 154, 156	Zange, BARRETT.....	582	Zubehör f. Staubsauger u. Anlage	231/1
Wundhaken, YANCOSKIE.....	198	Zange, BLAKE.....	530/2	Zughaken, KIRSCHNER	313
Wundhaken, ZENKER.....	161	Zange, BRAUN.....	582	Zughebel, BARTON	603/2
Wundhakenhalterung	188	Zange, BURKE.....	590	Zughebel, BILL	604
Wundklammern, MICHEL.....	224	Zange, CHEVALIER-JACKSON	473	Zughebel, LUIKART-BILL	604
Wundklammerpinzette, HEGENBARTH	224	Zange, COLLIN.....	585	Zugseil, NABATOFF	201
Wundklammerpinzette, MICHEL	224	Zange, CZERNY	584	Zungendrücker, ANDREW	452
Wundklammerpinzette, WACHENFELDT	224	Zange, DARTIGUES	585	Zungendrücker, DAVIS-BOYLE	455
Wundklammerzange, CHILDE.....	224	Zange, DESJARDINS	530/2	Zungendrücker, DINGMANN	456
Wundklammerzange, COLLIN.....	224	Zange, DOYEN	585	Zungendrücker, HARTMANN	452
Wundklammerzange, MICHEL	224	Zange, DUPLAY	582	Zungendrücker, KILNER-DOUGHTY	456
Wundklammerzange, RICHTER-HEATH	224	Zange, EPPENDORFER	590	Zungendrücker, MORITZ-SCHMIDT	452
Wundlöffel, ARRUGA.....	378	Zange, FAURE	588	Zungendrücker, TOBOLD	453
Wundnahtbesteck	225, 226	Zange, GAUSS	605	Zungendrücker, WIEDER	452
Wundsperre, ALM.....	168	Zange, GREEN-ARMYTAGE	605	Zungenspatel	451
Wundsperre, CLOWARD	178/1 - 178/4	Zange, HEIMING	536	Zungenspatel, BRUENINGS	451
Wundsperre, FINSEN	168	Zange, HEYWOOD-SMITH	567	Zungenspatel, BUCHWALD	451
Wundsperre, GELPI.....	189/2	Zange, HULKA	583	Zungenspatel, DOUGHTY	458
Wundsperre, HOLZHEIMER	168	Zange, IOWA	584	Zungenspatel, FRENZEL	451
Wundsperre, JACKSON-BURROWS	189/2	Zange, JACOBS	583	Zungenspatel, KROENIG	451
Wundsperre, JANSEN	168	Zange, JARCHO	583	Zungenspatel, MAYO	451
Wundsperre, RIGBY	189/2	Zange, JURASZ	471	Zungenspatel, MORITZ-SCHMIDT	452
Wundspreizer, ADSON	172 - 174	Zange, KELLY	585	Zungenspatel, RING	455
Wundspreizer, ADSON-BABY	173	Zange, KEVORKIAN	589, 592	Zungenspatel, RUSSEL-DAVIS	458
Wundspreizer, ANDERSON-ADSON	172	Zange, KEVORKIAN-PACIFIC	592	Zungenzange, COLLIN	453
Wundspreizer, BECKMANN	176	Zange, MATHIEU	553/1	Zungenzange, YOUNG	453
Wundspreizer, BECKMANN-ADSON	175	Zange, MAYO-BLAKE	530/2	Zwischenknochen-Messer	44
Wundspreizer, BECKMANN-EATON	176	Zange, MAXI GRASPER	593	Zwischenstück, SCHULTE Salpingograph	596
Wundspreizer, BOSE	476	Zange, MIXTER	530/2	Zykloidialysespatel, BANGERTER	379
Wundspreizer, CASPAR	180	Zange, MUSEUX	583	Zykloidialysespatel, CASTROVIEJO	379
Wundspreizer, DARLING	178	Zange, NOTO	585	Zykloidialysespatel, ELSCHNIG	379
Wundspreizer, HENLEY	170	Zange, POZZI-PALMER	582	Zykloidialysespatel, HIRSCHMANN	379
Wundspreizer, MARTIN	175/1	Zange, PRATT	584	Zykloidialysespatel, WHEELER	379
Wundspreizer, MAYO-ADAMS	171	Zange, RANDALL	535		
Wundspreizer, MEYERDING	180	Zange, REDA	474		
Wundspreizer, MOLLISON	171	Zange, ROWE	459		
Wundspreizer, NORDFOLK/NORWICH	172	Zange, SAENGER	606		
Wundspreizer, PERKINS	168	Zange, SCHRÖDER	584		
Wundspreizer, PLESTER	171	Zange, SCHRÖDER (POZZI)	582		
Wundspreizer, SCALP-CONTOUR	169	Zange, SCHUBERT	588		
Wundspreizer, TRAVERS	172	Zange, SCHUMACHER	588, 589		
Wundspreizer, WEITLANER	169	Zange, SERPENTINE GRASPER	593		
Wundspreizer, WEITLANER-WULLSTEIN	169	Zange, SKENE	582		
Wundspreizer, WULLSTEIN	169, 171	Zange, SMITH	463		
WYLIE, Aortaklemme	501/1	Zange, SOMER	585		
WYLIE, Uterus-Dilatator	581	Zange, TEALE	583		
Y		Zange, THOMAS-GAYLOR	588		
YANCOSKIE, Wundhaken	198	Zange, TISCHLER-KEVORKIAN	592		
YANKAUER, Saugrohr	27	Zange, TISCHLER-MORGAN	590		
YANKAUER, Tonsillen-Dissektor	465	Zange, TOWNSEND	591		
YASARGIL, Gefäßclip	349 - 356	Zange, TURREL	567		
YASARGIL, Galeahaken	330	Zange, VAN DOREN	588		
YASARGIL, Hirnspatelhalter	368	Zange, WALSHAM	449		
YASARGIL, Ohrspekulahalter	368/2	Zange, WINTER	606		

abdominal- a. intestinal spatula KÜMMEL	143/4, 144	amputation saw SATTERLEE	296	atraumatic forceps COOLEY	99
abdominal retractor KIRSCHNER	187, 187/1	Anal retractor SMITH-BUIE	561	atraumatic tissue forceps DEBAKEY	99
abdominal retractors BABY GOSSET	181	anastomosis clamp BECK	516	AUFRANC retractor	289
abdominal retractors BALFOUR	182	anastomosis clamp BECK	520	AUFRICHT nose hook	447
abdominal retractors BALFOUR Baby	182	anastomosis clamp COOLEY	519, 520 - 520/4	AUFRICHT nose rasp	443
abdominal retractors BALFOUR-US	184	anastomosis clamp COOLEY-DERRA	519	Auricle clamp HARKEN	503
abdominal retractors CHARNLEY	289	anastomosis clamp DE MARTEL-WOLFSON	546	autopsy knife	48
abdominal retractors COLLIN	190	anastomosis clamp DEBAKEY	505	autopsy saw and accessories	230 - 230/9
abdominal retractors COLLIN-LOKTITE	191	anastomosis clamp LAMBERT-KAY	505	AUVARD vaginal specula	576
abdominal retractors DENIS-BROWNE	185	anatomic tissue forceps BROPHY	84	awl	304
abdominal retractors DOYEN	189/1	anatomic tissue forceps	81	awl HARGIS	463
abdominal retractors FRAZIER	181	anatomic tissue forceps ADSON	81/2	awl OBWEGESER	463
abdominal retractors GELPI	189/1, 189/2	anatomic tissue forceps ADSON Micro	81/2	awl PERTHES	304
abdominal retractors GOSSET	181	anatomic tissue forceps BONNEY	88	AXENFELD chalazio curette	377
abdominal retractors KIRSCHNER	185, 187	anatomic tissue forceps CUSHING	83	AYER chalazio tissue forceps	393
abdominal retractors RICARD	191	anatomic tissue forceps CUSHING-TAYLOR	87		
abdominal retractors RIGBY	189/2	anatomic tissue forceps DUEHRSEN	84		
abdominal retractors ROCHEARD	186	anatomic tissue forceps GERALD	86		
abdominal spatula KADER	143/3	anatomic tissue forceps McINDOE	85		
abdominal spatula KOERTE	143/3	anatomic tissue forceps POTTS-SMITH	81	BABY BURKE biopsy forceps	590
abdominal spatula Leriche	143/4	anatomic tissue forceps SEMKEN	86	BABY GOSSET abdominal retractor	181
ABLI ophthalmologic scissors	58	anatomic tissue forceps TAYLOR	87	BABY METZENBAUM supercut scissors	71
ABRAHAM tonsil forceps	468	anatomic tissue forceps TC	81	BABY TISCHLER rongeur	592
ABRAHAM tonsil knives	466	anatomic tissue forceps type USA	81	BABY WEBSTER needle holder	208
accessories for autopsy saw	231/3	anatomic tissue forceps STILLE	81	BABY YANKAUER suction tube	27
ADAIR tenaculum forceps	582	ANDERSON ADSON retractors	172	BABY-KOCHER intestinal clamp	540
adenoid curette BARNHILL	450	ANDERSON retractor	198	BABY-OLSEN-HEGAR needle holder	212
adenoid curette BECKMANN	450	ANDREW tongue depressor	452	BABYPHON Sphygmomanometer	10
adenoid curette St. CLAIR-THOMSON	450	ANDREW-PYNCHON suction tube	28	Back holder Abdominal retractor system	
Adenotom LA FORCE	450	ANESTOPHON	23	192, 193, 194, 195	
ADLERKREUTZ vascular tissue forceps	84	aneurysm clamp DEBAKEY-BAHNSON	506	BACKHAUS towel clamp	132
ADSON retractors	173	aneurysm clip applier forceps	357 - 360	BACKHAUS-clip	132
ADSON anatomic tissue forceps	81/2	aneurysm vascular clip YASARGIL	349 - 356	BAILEY rib spreader	489/1
ADSON anatomic tissue forceps	81/2	anoscope HIRSCHMANN	562	BAILEY-BABY rib spreader	489/1
ADSON BABY hemostatic clamp	113	anoscope IVES-FANSLER	562	BAILEY-GIBBON rib spreader	489/1
ADSON bone rongeur	236	Antrum curette COAKLEY	449	BAINBRIDGE hemostatic clamp	120
ADSON dura hook	328	Antrum rasp GALLAHER	446	BAINBRIDGE vascular clamp	495/1, 495/2
ADSON hemostatic clamp	112	Antrum rasp LEWIS	443	BAKES gall duct dilator	532
ADSON holding clamp	298	ANTRUM-curette	435	BALFOUR abdominal retractors	182
ADSON hypophyseal forceps	334	ANVIL nail forceps	613	BALFOUR BABY abdominal retractors	182
ADSON MICRO anatomic tissue forceps	81/2	aorta clamp WEBER	501	BALFOUR hook	193
ADSON MICRO surgical tissue forceps	81/2	aorta punch	528	BALFOUR-US abdominal retractors	184
ADSON needle holder	211	aortic clamp WYLIE	501/1, 501/2	BALL AND SOCKET towel clamp	133
ADSON raspatories	282	appendix clamp ALLEN	544	ball electrode MONOPOLAR	628, 629
ADSON retractors	172, 173, 174	appendix clamp KLEINSCHMIDT	544	BALLENGER knives	436
ADSON suction tube	337	applier forceps aneurysm clip	357 - 360	BALLENGER septum elevator	439
ADSON surgical tissue forceps	81/2	applier forceps BIEMER	361, 366	BALLENGER tonsil forceps	467
ADSON-BROWN tissue forceps	82	applier forceps JOHNS-HOPKINS	104	bandage scissors	70
ADSON-DEBAKEY atraumatic forceps	81/2	applier forceps MC KENZIE	326	bandage scissors BERGMANN	69/1
air blower	405	applier forceps MEHDORN	362	bandage scissors BRUNS	70
air blower POLITZER	406	applier forceps SMITHWICK	326	bandage scissors ESMARCH	69/2
AIR INJECTION eye cannula	394	applier forceps SWEET	326	bandage scissors KNOWLES	70
air pump	295	applig forceps RANEY	327	bandage scissors LISTER	69/1
ALAN-PARKS rectal specula	561	Approximator BIEMER	366	bandage scissors LORENZ	70
ALDERDYCE elevator	282	Approximator BIEMER-MÜLLER	363	bandage scissors REDA EXCENTER	69/2
ALEXANDER biopsy forceps	589	Approximator MÜLLER	364	bandage scissors SEUTIN	69/2
ALEXANDER chisels	259	ARCHER splinterforceps	92	bandage scissors SMITH US army	69/1
ALEXANDER raspatories	276	ARLT cataract loop	378	bandage scissors UNIVERSAL	70
ALLEN appendix intestinal clamp	544	armsystem	188	BANE-HARTMANN bone rongeur	237
ALLIS intestinal grasping forceps	537	ARRUGA capsular forceps	391	BANGERTER cyclodialysis spatula	379
ALLIS-ADAIR intestinal grasping forceps	537	ARRUGA extraction hook	375	BARACANI interchangeable tips	472
ALLIS-BABY intestinal grasping forceps	537	ARRUGA eye specula	370	BARANY air blower	405
ALLISON lung spatula	489/2	ARRUGA needle holder	214	BARBARA hook	419
ALM retractor	168	ARRUGA wound curette	378	BARBARA needle	419
ALVIS foreign body curette	374	ASCH septum straightening forceps	449	BARKAN goniotomy knives	373
amnioscope	601	atrauma bulldog clamp	100	BARNHILL adenoid curette	450
amniotome BEACHAM	586	atrauma bulldog clamp	100, 102	BARON scutum tube	336
amputation knives CATLIN	44	atrauma clamp DEBAKEY	100	BARR rectal-specula	559
amputation knives LANGENBECK	44	atrauma clamp DEBAKEY	103	BARRAQUER cilli forceps	395
amputation knives LISTON	44	atrauma clamp GLOVER	100	BARRAQUER eye scissors	75
amputation knives REDA	44	atrauma neonatal clamp	523	BARRAQUER eye specula	370
amputation saw BIER	296	Atrauma-bulldog clamp GLOVER	103	BARRAQUER fixation forceps	390
amputation saw CHARRIERE	296	atraumatic forceps ADSON-DEBAKEY	81/2	BARRAQUER knives	373

BARRAQUER needle holder.....	217	Bipolar-tissue forceps bajonett	632	bone holding forceps FARABEUF	243
BARRAQUER needle holder	216, 217	BIRCHER-GANSKE bone holding forceps.....	246	bone holding forceps FARABEUF-LAMBOTTE	243
BARRAQUER-KATZIN iris tissue forceps.....	384	BIRKETT hemostatic clamp	116	bone holding forceps FERGUSSON	243
BARRET hook forceps	582	BISHOP-HarmAN iris tissue forceps.....	386	bone holding forceps KERN	244
BARTON obstetrical forceps.....	603/2	BISHOP-HarmAN irrigation cannula	394/1	bone holding forceps LAMBOTTE	244
battery handle for cold light	33	bladder retractors LEGUE	553	bone holding forceps LANE	244
battery handle for warm light	32	bladder retractors MILLIN	552	bone holding forceps LANGENBECK	243
BAUMGARTNER needle holder	208	bladder retractors THOMSON-WALKER	552	bone holding forceps LEWIN	246
BEACHAM amniotome	586	bladder retractors JUDD-MASSON	552	bone holding forceps MEYER	248
BECHERT Nucleus Rotator	379	bladder spatula KOCHER	552	bone holding forceps REDA	246, 247
BECK anastomosis clamp	520	bladder spatula LEGUE	552	bone holding forceps REILL	248
BECK vascular clamp	516	bladder spreader MILLIN	553	bone holding forceps SEMB	243
BECKER cystotome	375	blade breaker CASTROVIEJO	45	bone holding forceps ULRICH	248
BECKMANN adenoid curette	450	blade breaker REDA	45	bone holding forceps VAN BUREN	249
BECKMANN retractors	176	blade breaker TROUTMAN-CHRIS	45	bone holding forceps VERBRUGGE	245
BECKMANN-EATON retractors	175	blade ejecting forceps	179	bone hook VOLKMANN	156
BECKMANN-EATON retractors	176	blade remover	42	bone levers	284, 288
bed pan	621/1	blade scalpel	42	bone levers BENNETT	283
BEEBEE crown scissors	68	blades razor	45	bone levers BLOUNT	288
BEER cilia forceps	395	BLAKE gall stone forceps	530/2	bone levers HOHMANN	284
BEESON plaster retractor	232	BLAKE uterine curette	595	bone levers HOHMANN	285
BELLUCCI micro ear scissors	413	BLOHMKE tonsil forceps	467	bone levers HOHMANN Mini	286
BELLUCCI micro scissors	417	blood vessel clamp DIETRICH	510	bone levers KOENIG	284
bender LANE	322/1	blood vessel clamp MORRIS-DEBAKEY	506	bone levers LANGE-HOHMANN	286
bender LANE	325	BLOUNT bone levers	288, 289	bone levers SMILLIE	291
BENGOLEA hemostatic clamp	112	blower KABIERSKE	405	bone levers VERBRUGGE-MÜLLER	287
BENNETT bone levers	283	BLUMENTHAL bone rongeur	236	bone plate holding forceps LANE	325
BENSAUDE proctoscope	565	BODENmallet rectal specula	559	bone rasp	294
BENSON pylorus retractor	544	BOEHLER extension bow	312	bone rasp PUTTI	294
BERENS dissection knives	372	BOERMA obstetrical forceps	604	bone rongeu iLEKSELL-STILLE	240
BERGMANN bandage scissors	69/1	BOETTCHER tonsil scissors	59	bone rongeur ADSON	236
BERGMANN mallet	272	BÖHLER bone cutting forceps	241	bone rongeur BANE-HARTMANN	237
BERKE muscle forceps	389	BÖHLER bone rongeur	238	bone rongeur BEYER	237; 238
BERLINER percussion mallet	24	BOIES elevator	277	bone rongeur BLUMENTHAL	236
BERNHARD towel clamp	133	BONACCOLTO strabismus forceps	385	bone rongeur BOEHLER	238
BERRY wire forceps	319	bone curettes	255, 256	bone rongeur CLEVELAND	235
BETHUNE rib scissors	481	bone curettes BRUNS	251, 254	bone rongeur ECHLIN	240
BEYER bone rongeur	237, 238	bone curettes BUSHE	256	bone rongeur FRIEDMAN-MICRO	234
BIEMER applier forceps	361, 366	bone curettes DAUBENSPECK	255	bone rongeur FRIEDMAN-MINI	234
BIEMER approximator	366	bone curettes HALLE	253	bone rongeur FRYKHOLM	240
BIEMER vascular clip	361	bone curettes JACOBSON	257	bone rongeur JANSEN	237
BIEMER-MÜLLER approximator	363	bone curettes JANSEN	257	bone rongeur KLEINERT-KUTZ	237
BIER amputation saw	296	bone curettes LEMPERT	256	bone rongeur LEMPERT	237
BILLEAU ear loop	409	bone curettes MARTINI	257	bone rongeur LUER	236
biopsy curette HEANY	587	bone curettes SCHEDE	251	bone rongeur MARQUARD	239
biopsy curette KEVORKIAN	587	bone curettes SCOVILLE	253	bone rongeur MAYFIELD	238
biopsy curette NOVAK	587	bone curettes SPINAL	253	bone rongeur MEAD	235
biopsy curette RANDALL	587	bone curettes SPRATT	251	bone rongeur OLIVECRONA	237
biopsy curette type MÜNCHEN	587	bone curettes VOLKMANN	251, 257	bone rongeur RUSkin	239
biopsy forceps ALEXANDER	589	bone curettes WILLIGER	255, 257	bone rongeur SAUERBRUCH	240
biopsy forceps BABY BURKE	590	bone cutting forceps BOEHLER	241	bone rongeur SCAGLIETTI	240
biopsy forceps BURKE	590	bone cutting forceps COTTLE-KAZANJIAN	241	bone rongeur SEMB	240
biopsy forceps EPPENDORFER	590	bone cutting forceps LISTON	241	bone rongeur SMITH-PETERSEN	238
biopsy forceps FAURE	588	bone cutting forceps McINDOE	241	bone rongeur STELLBRINK	234
biopsy forceps KEVORKIAN	589	bone cutting forceps RUSkin	241	bone rongeur STILLE-LUER	239
biopsy forceps KEVORKIAN	591	bone cutting forceps SEMB	242	bone rongeur STILLE-RUSkin	239
biopsy forceps KEVORKIAN-PACIFIC	592	bone cutting forceps STILLE-HORSLEY	242	bone rongeur ZAUFL-JANSEN	238
biopsy forceps MAXI GRASPER	593	bone cutting forceps STILLE-LISTON	242	bone wire soft	314
biopsy forceps SCHUBERT	588	bone hand drills BUNELL	299	BONN iris tissue forceps	387
biopsy forceps SCHUMACHER	588, 589	bone hand drills HUDSON	299	BONNEY surgical tissue forceps	88
biopsy forceps THOMAS-GAYLOR	588	bone hand drills KIRSCHNER	299	BOSE trachea hook	476, 477
biopsy forceps TISCHLER-DOWN	591	bone hand drills MOORE	298	BOUCHERON ear specula	399
biopsy forceps TISCHLER-KEVORKIAN	592	bone hand drills RALK	300	BOWMAN dissection needle gerade	374
biopsy forceps TISCHLER-MORGAN	591	bone hand drills STILLE	298	BOWMAN eye specula	370
biopsy forceps TOWNSEND MINI	591	bone hand drills STILLE-SHERMAN	298	BOWMAN lachrymal probes	381
biopsy forceps TOWNSEND TISCHLER MINI	591	bone holding clamp FELDHEIM	249	Box PETRI	620
biopsy forceps VAN DOREN	588	bone holding clamp GERSTER	250	BOYNTON needle holder	214
biopsy forceps WITTNER	589	bone holding clamp LAMBERT-LOWMAN	249	BOZEMANN dressing forceps	138
biopsy forceps TISCHLER-MORGAN	590	bone holding clamp LOWMAN	249	BOZEMANN needle holder	211
biopsy needle MENGHINI	206	bone holding clamp LOWMAN-HOGLUND	249	BOZEMANN-DOUGLAS dressing forceps	138
biposy-/suction curette	600	bone holding forceps	249	brain knives	48
bipolar cable	633	bone holding forceps BIRCHER-GANSKE	246	brain spatula CUSHING	336
bipolar tissue forceps	630, 631	bone holding forceps DINGMANN	246		

brain spatula CUSHING.....	369
brain spatula DAVIS.....	337
brain spatula HEIFETZ	369
brain spatula OLIVECRONA.....	336
BRAND tendon grasping instrument.....	293
BRAND tendon passing instrument.....	294
BRAUN craniplast	607
BRAUN decapitating hook	607
BRAUN hook forceps	582
BRAUN uterine-Depressor	586
BRAUN-STADLER episotomy scissors	64
BREAST retractor	198
BREISKY vaginal specula	577
BRIDGE hemostatic clamp	116
BRISTOW bone levers.....	290
BRODIE probes	199
Broncho.forceps CHEVALIER-JACK.....	473
bronchus clamp	126
bronchus clamp FINOCCHIETTO	490
bronchus clamp HARRINGTON	490
bronchus clamp LEES	504
bronchus clamp PRICE-THOMAS	490
bronchus clamp SEMB	491
BROPHY anatomic tissue forceps	84
BROPHY surgical tissue forceps	84
BROWN needle holder	209
BROWN tissue forceps	83
BRUENINGS ear specula	401
BRUENINGS interchangeable tips	472
BRUENINGS septum forceps	425
BRUENINGS tongue depressors	451
BRUENINGS tonsil knives	466
BRUENINGS tonsil snare	468
BRUNETTI chisels	268
BRÜNING'S-LUCAS chisels	260
BRUNNER guideprobes	221/1
BRUNNER intestinal clamp	543
BRUNNER retractor	167
BRUNNER rib scissors	481
BRUNS bandage scissors	70
BRUNS bone curettes	251, 254
brush dispenser	611
BRYANT dressing forceps	137
BUCHWALD tongue depressors	451
BUCK ear curette	407
BUCK foreign body lever	412
BUCK percussion mallet	24
BUCK-GRAMKO bone levers	285
BUIE rectal suction tube	566
BULLDOG clamp atrauma	100
BULLDOG clamp DEBAKEY	100, 103
bulldog clamp DIETRICH	101
bulldog clamp GLOVER	103
bulldog clamp JOHNS-HOPKINS	104
BÜLOW-GUNAR-HEY tubing clamp	130
BUMM uterine curette	597
BUNELL bone hand drills	299
BUNELL tendon guide	294
BUNELL tendon passing instr.	292
BUNGE scoop	378
BUNT sterilization clamp	227
BURCH fixation forceps	373
BURKE biopsy forceps	590
BUSCH episotomy scissors	64
BUSHE bone curette	256
C	
cable bipolar	633
caliper TOWNLEY	26
CANFIELD tonsil knives	466
CAPLAN nose forceps	428
capsula scissors RESANO	53/2
capsular forceps ARRUGA	391

capsular forceps CASTROVIEJO	391
capsular forceps ELSCHNIG	391
capsular forceps FUCHS	391
capsular forceps GILL-ARRUGA	390
capsular forceps HESS	391
capsular forceps KALT	391
capsular forceps SCHWEIGGER	391
capsular forceps TERSON	391
capsular grasping forceps MILLIN	551
cardiovascular clamps	526
CarmALT splinter tissue forceps	91
CAROLL tendon grasping instrument	293
Carotid shunt clamp JAVID	511
CARPENTER tonsil knives	465
CARTILAGE knives	47
CASPAR hemostats	258
CASPAR retractors	179, 180
CASTANEDA Neonatal vascular clamp	527
CASTROVIEJO	79, 381
CASTROVIEJO bladeBREAKER	45
CASTROVIEJO capsular forceps	391
CASTROVIEJO cyclodialysis spatula	379
CASTROVIEJO dissection knives	372
CASTROVIEJO eye specula	371
CASTROVIEJO fixation forceps	390
CASTROVIEJO hornskinscissors	79
CASTROVIEJO Measurance circle	380
CASTROVIEJO needle holder	215
CASTROVIEJO tissue forceps	392
CASTROVIEJO-MICRO needle holder	215
CASTROVIEJO-STANDARD needle holder	216
cataract curette DAVID	377
cataract curette GRAEFE	377
cataract curette KNAPP	378
cataract knives DEUTSCHMANN	371
cataract knives GRAEFE	371
cataract loop ARLT	378
cataract loop SNELLEN	378
cataract loop WEBER	378
cataract loop WILDER	378
CATHETER INTRODUCING FORCEPS MAGILL	28
catheter forceps COOLEY	510
catheter guide GUYON	554
catheter WALTHER	555
CATLIN amputation knives	44
cauter WADSWORTH-TODD	378
cervica retractor CIOWARD	178/1, 178/2, 178/3, 178/4
cervical traction tong CRUTCHFIELD	327
chalazio curette AXENFELD	377
chalazio curette HERRA	377
chalazio curette MEYHOEFER	377
chalazio tissue forceps AYER	393
chalazio tissue forceps DESMARRES	393
chalazio tissue forceps LAMBERT	393
CHAPUT tissue grasping forceps	110
CHARNLAY abdominal retractor	289
CHARRIERE amputation saw	296
CHEATLE sterilization forceps	227
cheek retractor STERNBERG	453
cheekSTEIN needle holder	210
CHELSEA-EATON proctoscope	563
CHERON dressing forceps	137
CHERRY laminectomy retractor	488
CHEST SUPPORT KLEINSASSER	36
CHEVALIER-JACKSON	473
CHEVALIER-JACKSON trachea cannula	479
CHILDE clip forceps	224
children atrauma vascular clamp	526
chisel NEIVERT-ANDERSON	442
chisels	259, 264
chisels ALEXANDER	259
chisels blade	266
chisels BRUNETTI	268
chisels COTTE	440
chisels HIBBS	265
chisels HOKE	265
chisels KILLIAN	442/1
chisels LAMBOTTE	261
chisels LEXER	263
chisels MINI-LAMBOTTE	262
chisels NOVOTEK	264
chisels OBWEGESER	463
chisels SMITH-PETERSEN	261
chisels STILLE	260
cilia forceps BARRAQUER	395
cilia forceps BEER	395
cilia forceps DOUGLAS	395
cilia forceps GRADLE	395
cilia forceps LITTAUER	395
cilia forceps REDA	395
CINELLI septum chisels	441
circular rongeur	432
CIRCUMCISIONS instrument	556
CITELLI rongeur	430
clamp socket	189
clamp Vasektomie	553/2
CLAR HEAD LIGHTS	22
CLARK eye specula	370
CLAUS tonsil needle	466
CLAYMAN	376
Clayman hook	376
cleaning pistol	626
CLEVELAND bone rongeur	235
clip forceps CHILDE	224
clip forceps COLLIN	224
clip forceps MICHEL	224
clip forceps RICHTER-Heath	224
clip MICHEL	224
clip tissue forceps HEGENBARTH	224
clip tissue forceps MICHEL	224
clip tissue forceps WACHENFELDT	224
clip-applier forceps	523, 524
CLOWARD lamina spreader	339
CLOWARD laminectomy retractor forceps	342
CLOWARD retractors	178/1, 178/2, 178/3, 178/4
COAKLEY ANTRUM curette	449
COAKLEY trocar	204
COBB curette	252
COBB gouges	262
COBB raspatories	280
COLCLOUGH intervertebral disc rongeur	344/1
COLD LIGHT GUIDE HOLLINGER	37
COLD LIGHT GUIDE JACKSON	37
COLD LIGHTclamp for Amnioskope	601
COLLER-CRILE hemostatic clamp	106
COLLIER needle holder	208
COLLIER pelvimeter	605
COLLIN abdominal retractor	190
COLLIN clip forceps	224
COLLIN dressing forceps	137
COLLIN DYNAMOMETER	25
COLLIN intestinal grasping forceps	539
COLLIN LOKTITE abdominalDE	191
COLLIN mallet	270
COLLIN navelstringclamp	605
COLLIN pelvimeter	605
COLLIN retractor	139
COLLIN scalpel-handle	40
COLLIN tissue grasping forceps	110
COLLIN tongue forceps	453
COLLIN uterine-grasping forceps	585
COLLIN uterine-probes	586
COLLIN vaginal specula	570
COLLIN-DUVAL grasping PINZE	85
COLLIN-HARTMANN retractor	141
Columella tissue forceps COTTE	448

COLVER tonsil forceps	467	cup medicine	621	DEBAKEY vascular scissors	61
comedone extractor SAALFELD	608	cup sputum	621/1	DEBAKEY vascular scissors TC	60
comedone extractor SCHAMBERG	608	curette Antrum	435	DEBAKEY-BAHNSON aneurysm clamp	506
comedone extractor UNNA	608	curette Cobb	252	DEBAKEY-DIETHRICH MINI BULLDOG clamp	101
comedone extractor WALTON	608	curette FAULKNER	449	DEBAKEY-MIXTER vascular clamp	499/2
compression bandage	296	curette forceps	416	DEBAKEY-MOSQUITO hemostatic clamp	509
CONE curette	280	curette HOUSE	420	DEBAKEY-PEAN atrauma clamp	513
CONE head punch	331	CUSCO vaginal specula	570	DEBAKEY-RANKIN atrauma clamp	512
CONE raspatories	280	Cushing (Taylor) tissue forceps TC	87	DEBAKEY-RUMEL vascular clamp	499
CONNIN-AMSLER marker	380	CUSHING anatomic tissue forceps	83	Decapitating hook BRAUN	607
CONVERSE nose hook	448	CUSHING brain spatula	336, 369	DECKER rongeur	341
CONVERSE septum knives	435	CUSHING drill	299	DEJERINE percussion mallet	24
COOLEY anastomosis clamp	519, 520 - 520/4	CUSHING laminectomy retractor forceps	340	Delee retractor	574
COOLEY atraumatic tissue forceps	99	CUSHING nerve ENhook	328	DEMEL wire guide needle	315
COOLEY catheter forceps	510	CUSHING retractor	152	DEMEL wire instrument	315
COOLEY retractor	148	CUSHING retractor	153	DENHART mouth gags	454
COOLEY rib spreader	487	CUSHING retractor	151, 152, 153	DENIS-BROWNE abdominal retractors	185
COOLEY vascular clamp	518, 522	CUSHING surgical tissue forceps	83	depth ruler	594
COOLEY-DERRA anastomosis clamp	519	CUSHING tissue forceps	87	DERF needle holder	208
COOLEY-NEONATAL rib spreader	485	CUSHING-TAYLOR anatomic tissue forceps	87	Dermatotom HUMBY	50
COOLY suction tube	28	CUZZI ovum curette	606	Dermatotom SILVER	50
COOPER ligaturee needle	219	cyclodialysis spatula BANGERTER	379	Dermatome SCHINK	49
CORDES interchangeable tips	472	cyclodialysis spatula CASTROVIEJO	379	dermatome blade	49
corneal dissector GREEN	374	cyclodialysis spatula ELSCHNIG	379	DESCHAMPS ligaturee needle	218
corneal dissector PATON	373	cyclodialysis spatula WHEELER	379	DESJARDINS gall stone curette	534
corneal scarifier ELSCHNIG	373	Cystotom BECKER	375	DESJARDINS gall stone forceps	530/2
corneal scarifier GILL	373	Cystotom GRAEFFE	375	DESJARDINS gall stone probe	531
corneal scarifier TOOK	373	CZERNY hook forceps	584	DESJARDINS hemostatic clamp	121
CORONAL BROW retractor	198	CZERNY rectal-specula	559	DESMARRES chalazio tissue forceps	393
CORWIN-HEGAR wire forceps	319	CZERNY retractor	141	DEUTSCHMANN cataract knives	151
CORYLLOS retractor	166	 D		DEUTSCHMANN head forceps	371
CORYLLOS rib scissors	480	DALE vascular clamp	494, 495	DEVILBISS head forceps	332
COS micro ear forceps	414	DANDY hemostatic clamp	109	Diagnostic set ECO "C"	16
COTTELE columella tissue forceps	448	DANDY nerve hook	328	Diagnostic set ECO "T"	16
COTTELE fixation forceps	410	DARDIK multi purpose clamp	509/1	Diagnostic set RI-MINI	17
COTTELE mallet	273	DARLING retractors	178	Diagnostic set UNI III	15
COTTELE nose hook	447, 447/1	DARTIGUES uterine grasping forceps	585	DIEFFENBACH vascular clamp	104
COTTELE nose scissors	59	DASTOOR strabismus forceps	386	DIETER micro ear forceps	414
COTTELE nose specula	423	DASTOOR suction tube	380	DIETRICH blood vessel clamp	510
COTTELE scissors	56	DAUBENSPECK bone curettes	255	DIETRICH MINI-bulldog clamp	101
COTTELE septum chisels	440	DAVIDSON(SCAPULA) retractor	166	DIETRICH vascular scissors	60
COTTELE septum elevator	439	DAVIEL cataract curette	377	dilation bougie DITTEL	554
COTTELE septum knives	435	DAVIS brain spatula	337	dilation bougie GUYON	554
COTTELE skin hook	447, 448	DAVIS dura dissector	379	dilation bougie VAN BUREN	554
COTTELE-JOSEPH septum	439	DAVIS foreign body needle	374	DINGMANN bone holding forceps	246
COTTELE-KAZANJIAN bone cutting forceps	241	DAVIS sterilization tissue forceps	227	DINGMANN mouth gag	456
COTTELE-NEIVERT	448	DAVIS-BOYLE	455	DINGMANN raspatories	463
cotton-applicator	203	DAVIS-BOYLE SPERRE	455	DINGMANN retractor	463
cotton-applicator FARRELL	203	DAVIS-MAYER mouth gag	457	DINGMANN spreader	456
cotton-applicator JOBSON-HORNE	203	DAY hook	409	DIPLOMAT Sphygmomanometer	5
cotton-applicator REDA	203	DE BAKEY needle holder	210	dissection knives BERENS	372
cotton-applicator TOBOLD	203	DE BAKEY vascular clamp	493-500, 502, 505-508, 512-517	dissection knives CASTROVIEJO	372
cotton-applicator UCKERMANN	203	DE BAKEY vascular scissors	60, 61	dissection knives JAEGER	372
COXETER METAL catheter	555	DE BOER vascular-dilator	529	dissection knives WHEELER	373
CRAFOOD-SELLORS hemostatic clamp	118	DE BOER rib spreader	486	dissection knives ZIEGLER	373
CRAFOORD hemostatic clamp	118	DE LEE obstetrical forceps	602	dissection needle	374
CRAFOORD lung scissors	65/2	DE MARTEL guide sleeve	330	dissection needle BOWMAN	374
craniplast BRAUN	607	DE MARTEL-WOLFSON	546	disimpaction forceps ROWE	459
craniplast TARNIER	607	DEAN iris knives	372	dissecting scissors	52, 52/1, 53
CREGO elevator	282	DEAN tonsil scissors	59	dissecting scissors	53/2
CRILE hemostatic clamp	107	DEAVER dissecting scissors	52	dissecting scissors DEAVER	52
CRILE needle holder	213	DEAVER retractor	145	dissecting scissors JORGENSEN	53
CRILE nerve hook	328	DEAVER-GRIP retractor	146	dissecting scissors LEXER	53
CRILE retractor	140	DEBAKEY aortic clamp	505	dissecting scissors LEXER-BABY	53
CRILE-MURRAY needl holder	209	DeBakey atrauma bulldog clamp	100, 103	dissecting scissors LEXER-BABY TC	53
CRILE-RANKIN hemostatic clamp	107	DEBAKEY atrauma clamp	100	dissecting scissors MAYO	52/1
CRILE-WOOD needl holder	209	DEBAKEY atraumatic tissue forceps	99	dissecting scissors MAYO TC	52/1
CRITCHETT eye specula	370	DEBAKEY retractor	189/1	dissecting scissors MAYO-NOBLE	52/1
crown scissors BEEBEE	68	DEBAKEY suction tube	28	dissecting scissors MAYO-STILLE	52/1
CRUTCHFIELD head holder	327	DEBAKEY vascular clamp	493-500, 502, 505-508, 512-517	dissecting scissors METZENBAUM	53/1
CRUTCHFIELD cervical traction tong	327			dissecting scissors METZENBAUM FINO	53/1
cuff for leg	295			dissecting scissors METZENBAUM FINO TC	53/1
cuff for upper arm	295				

dissecting scissors METZENBAUM TC	53/1	dura scissors SCHMIEDEN-TAYLOR	65/1	ESMARCHE bandage scissors	69/2
dissecting scissors PECK-JOSEPH.....	74	duraNTE grasping tissue forceps.....	88	ESMARCHE plaster knives.....	233
dissecting scissors TOENNIS-ADSON	65	DUVAL grasping tissue forceps	85	ETHICON clip forceps	524
dissector FISCH	420	DUVAL intestinal grasping forceps	539	EVES tonsil snare	468
dissector GORNEY	277	Dynamometer COLLIN	25	EXACTA Sphygmomanometer	8
dissector PENFIELD.....	333			Exenteration curette BUNGE	378
DITTEL dilation bougie	554			extensions bows BOEHLER	312
DIX foreign body chisels	374	E		extensions bows KIRSCHNER	312
DIX foreign body instrument	380	ear catheter HARTMANN	408	extensions bows KIRSCHNER US	312
double curette VOLKMANN	257	ear curette BUCK	407	extirpation chisels ROLLET	374
DOUGHTY tongue blade	458	ear curette GROSS.....	409	extraction dissector LANG	378
DOUGLAS cilia forceps	395	ear forceps HARTMANN	411	extraction hook ARRUGA	375
DOUGLAS tonsil knives	466	ear forceps HEYMANN-KNIGHT	425	extraction hook KNAPP	375
DOUGLAS trocar	204	ear forceps JANSEN	424	extraction hook ROLLET	375
DOYEN abdominal retractor	189/1	ear forceps LITTAUER.....	411	extractor KUENTSCHER	322
DOYEN gynecological scissors.....	63	ear forceps LUCAE.....	410	eye cannula MCINTYRE	394
DOYEN intestinal clamp	540	ear forceps TILLEY	411	eye cannula type AIR INJECTION	394
DOYEN myoma a screw	594	ear forceps TROELTSCH	424	eye cannula type SHEETS	394/2
DOYEN probes	199	ear forceps WILDE (TROELTSCH)	410	eye magnet REDA	395
DOYEN raspatories	278	ear knives POLITZER	408	eye scissors BARRAQUER	75
DOYEN refractor	163	ear knives SEXTON	408	eye scissors NOYES	75
DOYEN scissors	63	ear lever ZAUFAUL	409	eye scissors VANNAS	79
DOYEN towel clamp	133	ear lever ZAUFAUL-JANSEN	409	eye scissors WECKER	75
DOYEN uterine polyp forceps	585	ear loop BILLEAU	409	eye scissors WESTCOTT	75
DOYEN vaginal specula	574	ear loop SHAPLEIGH	410	eye specula ARRUGA	370
DOYEN-BABY intestinal clamp	540	ear probes STACKE	199	eye specula BARRAQUER	370
DOYEN-JANSEN(MOLT)	454	ear specula BOUCHERON	399	eye specula BOWMAN	370
DOYEN-JANSEN(MOLT) mouth gags	454	ear specula BRUENINGS	401	eye specula CASTROVIEJO	371
DOYEN-STILLE	167	ear specula GRUBER	399	eye specula CLARK	370
dressing forceps BOZEMANN	138	ear specula HARTMANN	399	eye specula CRITCHETT	370
dressing forceps BOZEMANN-DOUGLAS	138	ear specula RICHHNAU-HOLMGREN	400	eye specula GRAEFE	370
dressing forceps BRYANT	137	ear specula SIEGLE	402	eye specula LANCASTER	371
dressing forceps CHERON	137	ear specula TOYNBEE	399	eye specula LISTER-BURCH	370
dressing forceps COLLIN	137	ear syringe REINER	406	eye specula MELLINGER	370
dressing forceps FOERSTER	136	ECHLIN bone rongeur	240	eye specula MELLINGER-AXENFELD	370
dressing forceps GROSS-MAIER	134	ECO "C" Diagnostic set	16	eye specula MUELLER	371
dressing forceps LISTER (SINUS)	137	ECO "T" Diagnostic set	16	eye specula MURDOCK	370
dressing forceps MAIER	134	EICKEN (KILLIAN) irrigation cannula	433	eye specula PARK	371
dressing forceps PELKMANN	137	elevator ALDERDYCE	282	eye specula SMITH	370
dressing forceps RAMPLEY	136	elevator BOIES	277	eye specula WEEK	370
dressing forceps SIMS-MAIER	134	elevator CREGO	282	eye specula WILLIAMS	370
dressing forceps ULRICH	135	elevator DINGMANN	463, 463/3	eye specula ZIEGLER	371
dressing tissue forceps JACKSON	471	elevator FREER	434	eye speculaSt.EVENSON	371
drill bits	302	elevator KEY	282	eye suction -/irrigation cannula	394
drill CUSHING	299	elevator LEMPERT	420		
drill ERRICO	299	elevator LUNATSCHEK	465		
drill MC KENZIE	299	elevator McDONALD	283		
drill wire	299	elevator MURPHY-LANE	283		
drills	299	elevator SAYRE	281		
drill/wire KIRSCHNER.....	306, 307	elevator WATSON-CHEYNE	283		
driver KUENTSCHER	321	ELLIOU obstetrical forceps	603		
drivers	321	ELLIS foreign body gouges	374		
drums SCHIMMELBUSCH	622	ELSCHING capsular forceps	391		
DUBOIS gynecological scissors	63	ELSCHING corneal scarifier	373		
DUEHRSEN anatomic tissue forceps	84	ELSCHING cyclodialysis spatula	379		
DUPLAY dressing forceps	134	ELSCHING fixation forceps	389		
DUPLAY hook forceps	582	EMMETT fistula hook	594		
DUPLEX stethoscope	23	ENDERnail STEINMANN	307		
DUPUY-WEISS tonsil knives	466	endoscopy eassembly	188		
dura dissector	332	endoscope wire basket	623		
dura dissector DAVIS	332	Endospecula KOGAN	577		
dura dissector FRAZIER	333	ENGEL plaster cast saw	229		
dura dissector HOEN	333	enterotomy scissors	66		
dura dissector HORSLEY	333	Entropium forceps SNELLEN	393		
dura dissector MILLIGAN	332	enucleation curette WELLS	378		
dura dissector OLIVECRONA	332	ENUCLEATION scissors	58		
dura dissector SACHS	332	epiglottis retractor FRAENKEL	471		
dura dissector TOENNIS	332	epiglottis retractor JACKSON	471		
dura dissector WOODSON	333	epiglottis retractor REICHERT	471		
dura hook	335	episotomy scissors WALDMANN	64		
dura hook ADSON	328	EPKER osteotome	464/2		
dura hook JACOBSON	335	EPPENDORFER biopsy forceps	590		
dura knives KOOS.....	335	ERICH wire pusher	461/2		

FERRIS-SMITH surgical tissue forceps	85
FERRIS-SMITH-KERRISON rongeur	344, 344/2
FICHOCHIETTO-BABY rib spreader	482
files nail	612/1
FINGER nail drill	297
finger protector LANGENBECK	311
Finger ring saw REDA	297
Finger ring saw WALTON	297
Finger-Goniometer	25
Fingersaw LANGENBECK	296
FINOCCHIETTO bronchusclamp	490
FINOCCHIETTO rib spreader	482
FINOCCHIETTO Baby rib spreader	482
FINOCCHIETTO needle holder	211
FINOCCHIETTO rib spreader	484
FINOCCHIETTO-BURFORD rib spreader	483
FINSEN retractor	168
FISCH dissector	420
FISCH fine hook	335
FISCHER iris tissue forceps	384
FISH probes	199
FISHER tonsil knives	466
fistula hook EMMETT	594
fistula probes PRATT	563
fistulaprobes LOCKHART-MUMMERY	200
fixation forceps BARRAQUER	390
fixation forceps CASTROVIEJO	390
fixation forceps Cottle	410
fixation forceps ELSCHNIG	389
fixation forceps GRAEFE	389
fixation forceps GREEN	390
fixation forceps LESTER	389
Fixierfor BURCH	373
Flat forces	316, 317
FOERSTER dressing forceps	136
FOERSTER IRIS tissue forceps	383
FOMON nose rasp	444
FOMON nose scissors	58
FOMON raspatories	277
FOMON Rhinoplasticscissors	65/1
FOMON septum chisels	441
FOMON skin hook	447/1
FOMON TC nose rasp	445
FOREGGER laryngoscope	29, 31
foreign body chisels DIX	374
foreign body curette ALVIS	374
foreign body forceps HARTMANN	412
foreign body forceps HARTMANN-HOFFMANN	412
foreign body forceps HARTMANN-WULLSTEIN	412
foreign body forceps MATHIEU	553/1
foreign body gouges ELLIS	374
foreign body gouges WALTON	374
foreign body instr. DIX	380
foreign body lever BUCK	412
foreign body lever QUIRE	412
foreign body needle	374
foreign body needle DAVIS	374
foreign body needle FRANCIS	374
foreign body needle LA FORCE	374
foreign body needle LEVINSON	374
FOX LUPUS curette	608
FRAENKEL interchangeable tips	472
FRANCIS foreign body needle	374
FRAZIER abdominal retractor	181
FRAZIER dura dissector	333
FRAZIER punction cannula	337
FRAZIER skin hook	148/2
FREEMAN face lift scissors	74
FREEMAN retractor	198
FREER elevator/UM	434
FREER septum chisels	439, 442
FREER septum elevator	437
FREER septum knives	434
FREER skin hook	448
FRENZEL nystagmus spectacles	20
FRENZEL tongue depressors	451
FRIEDMANN MINI bone rongeur	234
FRIEDMANN specula	577
FRITSCH retractor	163
FRYKHOLM bone rongeur	240
FUCHS capsular forceps	391
FUCHSIG hemostatic clamp	113
 G	
Galeahook YASARGIL	330
gall duct dilator BAKES	532
gall stone curette DESJARDINS	534
gall stone curette FERGUSSON	533
gall stone curette LUER-KOERTE	533
gall stone curette MAYO	534
gall stone curette MOOR	531
gall stone forceps BLAKE	530/2
gall stone forceps DESJARDINS	530/2
gall stone forceps MAYO-BLAKE	530/2
gall stone forceps MIXTER	530/2
gall stone probes DESJARDINS	531
gall stone probes MAYO	534
gal stone probes MOYNIHAN	531
GALLAHER ANTRUM rasp	446
GAUSS hook	376
GAUSS scalp forceps	605
GELPI abdominal retractor	189/1, 189/2
GELPI hook	193
GEMINI hemostatic clamp	115
GERALD anatomic tissue forceps	86
GERALD surgical tissue forceps	87
GERSTER bone holding clamp	250
GERZOG mallet	270
GIERTZ-STILLE rib scissors	481
GIGLI saw	332
GILL corneal scarifier	373
GILL iris tissue forceps	384
GILL-ARRUGA capsular forceps	390
GILL-HESS iris tissue forceps	384
GILLIES needle holder	212
GILLIES skin hook	448
GILLIES surgical tissue forceps	86
GIL-VERNET retractor	152
GLOVER atrauma clamp	100
GLOVER bulldog clamp	103
GLOVER vascular clamp	515
GLUCK rib scissors	480
GOELTE refractor	141
GOLDMANN-FOX gum scissors	67
GOMEL microsurgical tissue forceps	96
GOMMEL micro scissors	80
goniometer for finger	25
goniometer MOELTGEN	25
goniotomy knives BARKAN	373
goniotomy knives SCHEIE	373
GOOD tonsil scissors	59
GOODELL uterine Dilatator	581
GORNEY dissector	277
GORNEY FACE LIFT scissors	73
GOSSET abdominal retractor	181
gouges	264
gouges PARTSCH	259
gouges COBB	262
gouges HIBBS	265
gouges LEXER MINI	263
gouges WEST	442/1
gouges ZIELKE	264
gouges STILLE	260
GOURDET uterine curette	599
GRADLE cilia forceps	395
GRADLE ophthalmologic scissors	57
graduated measure	620
GRAEFE cataract curette	377
GRAEFE cataract knives	371
GRAEFE cystotome	375
GRAEFE disision knives	372
GRAEFE disision knives	372
GRAEFE fixation forceps	389
GRAEFE hook	148/2
GRAEFE IRIS tissue forceps	382
Grafe scissors	56
GRAEFE strabismus hook	375
GRAEFE tissue forceps	83
GRAFFE eye specula	370
GRAHAM nerve hook	328
grasping forceps	316
grasping forceps	415
grasping forceps LAHEY	479
grasping forceps MARTEL	110
grasping forceps PRATT	110
grasping forceps WILLET MARTEL	110
grasping tissue forceps COLLIN-DUVAL	85
grasping tissue forceps duraNTE	88
grasping tissue forceps DUVAL	85
grasping tissue forceps LERCHE	83
grasping tissue forceps RUSS MODELL	85
GRAVE vaginal specula	570
GRAY hemostatic clamp	121
GREEN corneal dissector	374
GREEN fixation forceps	390
GREEN muscle hook	375
GREEN retractor	160
GREEN-armYTAGE	605
GREGOIRE intestinal forceps	538
GREVEN micro ear forceps	414
GROSS ear curette	409
GROSS-MAIER dressing forceps	134
GRUBER ear specula	399
guide driver	321
guide needle REDON	207
GUILEN suction raspatories	433/1
gum scissors LA GRANGE	69
gumscissors GOLDMAN-FOX	67
gumscissors LOCKLIN	69
gumscissors QUINBY	67
GUTHRIE skin hook	148/2
GUYON catheter einguide	554
GUYON dilation bougie	554
GUYON hemostatic clamp	122
GUYON kidney clamp	122
GUYTON-LUNDSGAARD sclerotome	373
gynecological scissors DOYEN	63
gynecological scissors DUBOIS	63
gynecological scissors SIEBOLD	62
gynecological scissors SIMS	62
gynecological scissors WERTHEIM	63
 H	
HABERER intestinal spatula	143/3
haemorrhoid.forceps McGIVNEY	568
haemorrhoid.LigatorRUDD	568
haemorrhoidal clamp FERGUSSON	109
haemorrhoidal forceps HEYWOOD-SMITH	567
Haemorrhoidal Ligator MC GIVNEY	568
HAGLUND-STILLE plaster retractor	232
HAIGHT rib spreader	487
HAJEK mallet	273
HAJEK septum chisels	442/1
HAJEK-BALLANGER elevator	439
HAJEK-KOFLER rongeur	429, 431
HALLE bone curettes	253
HALLE septum elevator	437
halogen lamp for laryngoscope	29
HALSEY needle holder	208

HALSTED-MOSQUITO hemostatic clamp	105	hemostatic clamp JACOBSON	105	hook BARBARA.....	419
handle for chisels/chisels	266	hemostatic clamp JOHNS-HOPKINS	120	hook DAY.....	409
handle For chisels/OSTEO	266	hemostatic clamp KANTROWITZ	119	hook FISCH	335
handle scalpel.....	38, 39, 39/1, 39/2, 40, 41	hemostatic clamp KELLY	106	hook forceps BARRET	582
handle scalpel MINI	41	hemostatic clamp KELLY-RANKIN	106	hook forceps BRAUN	582
HANK uterine dilator	580	hemostatic clamp KOCHER	108	hook forceps CZERNY.....	584
HARGIS awl	463	hemostatic clamp LAHEY	120	hook forceps DUPLAY.....	582
HARGIS mandibular body retractor	463/6	hemostatic clamp LAWRENCE	119	hook forceps HULK	583
HARGIS respiratory.....	463/2	hemostatic clamp LERICHE	111	hook forceps IOWA	584
HARKEN auricle clamp	503	hemostatic clamp LOVELACE.....	109	hook forceps JACOBS	583
Harms lachrymal probes	381	hemostatic clamp LOWER	120	hook forceps JARCHO	583
HarmsS probes	333	hemostatic clamp MAYO-GUYON	122	hook forceps MUSEUX	583
HARRINGTON bronchusclamp	490	hemostatic clamp MEEKER	119	hook forceps PRATT	584
HARRINGTON hook	193	hemostatic clamp Micro-HARTMANN	104	hook forceps Schröder	584
HARRINGTON -PEMBERTON retractor	147	hemostatic clamp MIXTER.....	119, 121	hook forceps SCHROEDER	583
HARRINGTON retractor	147	hemostatic clamp MIXTER-BABY	119	hook forceps SCHROEDER (POZZI).....	582
HARTMANN ear catheter	408	hemostatic clamp MOYNIHAN	121	hook forceps SKENE	582
HARTMANN ear specula	399	hemostatic clamp O'SHAUGNESSY	120	hook forceps TEALE	583
HARTMANN foreign body forceps	412	hemostatic clamp OVERHOLT	114	hook forceps STAUDE-MOORE	582
HARTMANN foreign body lever	411	hemostatic clamp PEAN	108	hook GASS	376
HARTMANN hemostatic clamp	104	hemostatic clamp PEAN	110	hook GELPI	193
HARTMANN nose specula	422, 427	hemostatic clamp PENNINGTON	109	hook HARRINGTON	193
HARTMANN polyp forceps	424	hemostatic clamp PROVIDENCE-HOSPITAL	106	hook KELLY	193
HARTMANN tongue depressors	452	hemostatic clamp ROBERTS	117	hook KUGLEN	376
HARTMANN tuning forc.....	403	hemostatic clamp ROCHESTER-CarmALT	109	hook LUcae	409
HARTMANN-HALLE nose specula.....	421	hemostatic clamp ROCHESTER-OCHSNER	108	hook McGEE	419
HARTMANN-HOFFMANN foreign body forceps	412	hemostatic clamp ROCHESTER-PEAN	108	hook SCOVILLE	196
HARTMANN-WULLSTEIN foreign body forceps	412	hemostatic clamp RUMEL	117	hook SINSKEY	376
HASSON retractor	143	hemostatic clamp SAROT	118	hook SMELLIE	605
HAUGH micro ear forceps	414	hemostatic clamp S-cvd MIXTER	116	hook WAGENER	409
HAYES rectum clamp	545	hemostatic clamp SPENCER-WELLS	109	hook STEVENS	375
head holder CRUTCHFIELD	327	hemostatic clamp STILLE	122	HOPKINS plaster knives	233
head mirror ZIEGLER	21	hemostatic clamp TOENNIS	117	HORIZON clip forceps	524
head punch CONE	331	hemostatic clamp WIKSTROM	117	HORSLEY dura dissector	333
HEANEY hysterectomy clamp	126	hemostatic clamp ZENKER	118	HÖSEL retractor	167
HEANEY needle holder	210	hemostatic clamp OVERHOLT-BABY	114	HOUSE curette	420
HEANEY biopsy curette	587	hemostatic clamp OVERHOLT-GESENDÖRFER	114	HOUSE suction tubeE	337/2
HEANY retractor	164	hemostatic clamp OVERHOLT-MIXTER	115	HOWARTH septum elevator	438
HEANY-BALLENTINE hysterectomy clamp	127	hemostats	259	HUBER UNIVERSALhandle	472
hear light CLAR	22	HENKE tonsil-elevator	465	HUDSON bone hand drills	299
HEATH mallet	273	HENLEY retractors	170	HUDSON T-handle	300
HEATH suture scissors	66	HENNIG plaster retractor	232	HULKA hook forceps	583
HEBRA chalazio curette	377	HEPP-SCHEIDEL micro scissors	78	HUMBY DERMATOM	50
HEGAR uterine dilator	578, 579	HERCULES wire cutter	320/1 - 320/3	HUNTER splinter forceps	91
HEGENBARTH clip tissue forceps	224	HERRICK NIERNSTIELclamp	123	HURD tonsil elevator	465
HEIFETZ brain spatula	369	HENKLE retractors	170	hypophyse	334
HEIMING kidney stone forceps	536	HESS capsular forceps	391	hypophyse tissue forceps ADSON	334
HEISS hemostatic clamp	112	HESS iris tissue forceps	384	hysterectomy clamp HEANEY	126
HEISTER mouth gags	454	HEYMANN septum forceps	425	hysterectomy clamp HEANY-BALLENTINE	127
hemostatic clamp ADSON	112	HEYMANN nose scissors	58	hysterectomy clamp MAINGOT	123/1, 123/2
hemostatic clamp ADSON-BABY	113	HEYMANN-KNIGHT ear forceps	425	hysterectomy clamp ROGERS	127
hemostatic clamp BAINBRIDGE	120	HEYWOOD-SMITH haemorrhoidal forceps	567	hysterectomy clamp SEGOND	125
hemostatic clamp BENGOLEA	112	HIBBS chisels	265	hysterectomy clamp SEGON-LANDAU	125
hemostatic clamp BIRKETT	116	HIBBS gouges	265	hysterectomy clamp WERTHEIM	124
hemostatic clamp BRIDGE	116	HIBBS retractor	164	hysterectomy clamp WERTHEIM	128
hemostatic clamp COLLER-CRILE	106	HILL-FERGUSON rectal-specula	560	hysterectomy forceps WERTHEIM-CULLEN	125
hemostatic clamp CRAFOORD	118	HIRSCHMAN spatula	331	hysterectomy scissors WERTHEIM	63
hemostatic clamp CRAFOORD-SELLORS	118	HIRSCHMANN anoscope	562		
hemostatic clamp CRILE	107	HOEN dura dissector	333		
hemostatic clamp CRILE-RANKIN	107	HOESEL needle holder	213		
hemostatic clamp DANDY	109	HOFER retractor	465		
hemostatic clamp DEBAKEY-MOSQUITO	509	HOFFMANN tubing clamp	624		
hemostatic clamp DEBAKEY-PEAN	513	HOHMANN bone levers	284, 285		
hemostatic clamp DEBAKEY-RANKIN	512	HOHMANN MINI	286		
hemostatic clamp DESJARDINS	121	HOKE chisels	265		
hemostatic clamp FUCHSIG	113	holding arm system LEYLA	368 - 368/4		
hemostatic clamp GEMINI	115	holding clamp ADSON	298		
hemostatic clamp GRAY	121	HOLINGER laryngoscope	37		
hemostatic clamp GUYON	122	HOLSHER nerve hook	329		
hemostatic clamp HALSTED-MOSQUITO	105	HOLTH rongeur	380		
hemostatic clamp HALSTED-MOSQUITO titanium	105	HOLZBACH hysterectomy clamp	126		
hemostatic clamp HARTMANN	104	HOLZHEIMER retractor	168		
hemostatic clamp HEISS	112	hook BALFOUR	193		

I	
I.U.D. extractor hook	593
I.U.D. SERPENTINE GRASPER	593
impactor/extractor	322/1
incision scissors	52
INGE lamina spreader	339
INGROWN nail instrument	612/1
INSTRU-CARE instrument oil	635
instrument BOX	617
instrument oil INSTRU CARE	635
Insufflationcannula VERESS	206
interchangeable tips BARACANI	472
interchangeable tips BRUNNINGS	472
interchangeable tips CORDES	472
interchangeable tips FRAENKEL	472

interchangeable tips FRAENKEL	472	IWANSON Measuring instrument	624
interchangeable tips KRAUSE	472	J	
interchangeable tips LANGE	472	JACKSON laryngoscope	37
interchangeable tips SCHEINMANN	472	JACKSON tendon grasping forceps	292
interchangeable tips SCHUMACHER	472	JACKSON trachea hook	476
interchangeable tips SEIFERT	472	JACKSON vaginal specula	573
intervertebral disc rongeur COLCLOUGH	344/1	JACKSON-BURROWS retractor	189/2
intestinal clamp BABY-KOCHER	540	JACOBS hook forceps	583
intestinal clamp Brunner	543	JACOBSON buttonprobes	335
intestinal clamp DOYEN	540	JACOBSON curette	257
intestinal clamp FEHLAND	542	JACOBSON dura hook	335
intestinal clamp KOCHER	540	JACOBSON hemostatic clamp	105
intestinal clamp MAYO-ROBSON	541	JACOBSON needle holder	215
intestinal clamp PAYR	548	JAEGER discussion knife	372
intestinal clamp RESANO	542	JAEGER lid plate	371
intestinal clamp SCUDDER	541	JAMESON strabismus forceps	385
intestinal clamp St. ONE-WATT	545	JAMESON strabismus hook	375
intestinal forceps GREGOIRE	538	JANSEN bone curettes	257
intestinal grasping forceps ALLIS	537	JANSEN bone rongeur	237
intestinal grasping forceps ALLIS-ADAIR	537	JANSEN ear forceps	424
intestinal grasping forceps ALLIS-BABY	537	JANSEN retractor	168
intestinal grasping forceps ATRAUMA	111	Jar	620
intestinal grasping forceps BABCOCK	539	JARCHO hook forceps	583
intestinal grasping forceps COLLIN	539	JAVID carotid shunt clamp	511
intestinal grasping forceps DOYEN-BABY	540	JENNINGS mouth gags	454
intestinal grasping forceps DUVAL	539	jewelry tissue forceps	90
intestinal grasping forceps JUDD-ALLIS	538	JOBSON-hornE cotton-applicator	203
intestinal grasping forceps LITTLEWOOD	538	JOHNS-HOPKINS applier forceps	104
intestinal grasping forceps LOCKWOOD-ALLIS	538	JOHNS-HOPKINS bulldog clamp	104
intestinal grasping forceps THOMS-ALLIS	538	JOHNS-HOPKINS hemostatic	120
intestinal grasping forceps WILLIAMS	539	JOHNSON needle holder	211
intestinal spatula HABERER	143/3	JONES towel clamp	132
intestinal spatula LERICHE	143/4	JONES-clip towel clamp	132
intestinal spatula REVERDIN	143/3	JORGENSEN dissecting scissors	53
intestinal spatula RIBBON	143/1	JOSEPH (LEWIS) nose rasp	443
intima spatula	530/1	JOSEPH nose rasp	443
intra oral retractors	463/1, 463/4	JOSEPH nose saw	446
intramedullary drills	322	JOSEPH raspatories	277
IOWA hook forceps	584	JOSEPH septum	437
IOWA needle guide	206	JOSEPH septum knives	434
Iris hook O'CONNOR	375	JOSEPH septum knives	434, 435
Iris hook WIENER	375	JOSEPH skin hook	149
iris knives DEAN	372	JOSEPH surgical scissors	54/1
iris knives KNAPP	372	JUDD-ALLIS intestinal grasping forceps	538
iris knives ZIEGLER	372	JUDD-MASSON bladder retractors	552
IRIS scissors	54/2	JUERS micro ear forceps	414
Iris scissors KNAPP	55	JURASZ laryngeal polypus forceps	471
Iris scissors LITTLER	55	K	
iris spatula WECKER	378	KABIERSKE powder blower	405
IRIS supercut scissors	72	KADER abdominal spatula	143/1
iris tissue forceps BARRAQUER-KATZIN	384	KALLMORGEN specula	573
iris tissue forceps BISHOP-HARMAN	386	KALT capsular forceps	391
iris tissue forceps BONN	387	KALT needle holder	214
iris tissue forceps FISCHER	384	KALT needle holder	214
iris tissue forceps FOERSTER	383	KALT-ARRUGA needle holder	214
iris tissue forceps GILL	384	KANE navelstringclamp	605
iris tissue forceps GILL-HESS	384	KANTROWITZ hemostaticL	119
iris tissue forceps GRAFE	382	KAYE FACE LIFT scissors	73
iris tissue forceps HESS	384	KEINSASSER OP-laryngoscope	35
iris tissue forceps KIRBY-ARTHUR	385	KEITH needle	223
iris tissue forceps Modell BONN	387	KELLY GRIP retractor	142
iris tissue forceps TROUTMAN	384; 389	KELLY hemostatic clamp	106
iris tissue forceps type TUEBINGEN	387	KELLY hook	193
iris tissue forceps STEVENS	383	KELLY proctoscope	562, 563
irrigation cannula EICKEN (KILLIAN)	433	KELLY retractor	164
irrigation cannula KILLIAN	433/1	KELLY uterine polyp forceps	585
irrigation cannula KILLIAN	433/1	KELLY vascular scissors	61
irrigation cannula RITTER-HALLE	433	KELLY-RANKIN hemostatic clamp	106
irrigation cannula SIMCOE	394/2	Keratoplast.-knives BARRAQUER	373
Irrigations cannula type LACRIMAL	394	Keratoplast.-knives PAUFIGUE	373
ISRAEL retracto	162	KERN bone holding forceps	244
ITERSON trachea hook	477	KERRISON rongeur	428
IVES-FANSLER anoscope	562	KEVORKIAN biopsy curette	587
		KEVORKIAN biopsy forceps	589, 591
		KEVORKIAN-PACIFIC biopsy forceps	592
		KEY elevator	282
		KEYES punch	608
		kidney clamp GUYON	122
		kidney forceps HERRICK	123
		kidney stone forceps HEIMING	536
		kidney stoneforceps RANDALL	535
		kidney tray	619
		KIELLAND obstetrical forceps	602
		KIELLAND-LUIKART obstetrical forceps	603
		KILLIAN gouges	442/1
		KILLIAN nose specula	423
		KILLIAN septum elevator	438, 439
		KILLIAN septum scissors	471
		KILLIAN-CLAUS septum gouges	442/1
		KILNER needle holder	212
		KILNER nose hook	447/1
		KILNER skin hook	608
		KILNER surgical scissors	54/1
		KILNER/RAGNELL supercut scissors	72
		KILNER-DOUGHTY mouth gag	456
		KIRBY-ARTHUR IRIS forceps	385
		KIRK mallet	270
		KIRSCHNER	312
		KIRSCHNER abdominal retractor	187, 187/1
		KIRSCHNER abdominal retractor	185, 187
		KIRSCHNER bone hand drills	299
		KIRSCHNER drill wire	306, 307
		KIRSCHNER guideprobes	221
		KIRSCHNER nail	308, 309
		KIRSCHNER US extension bow	312
		KLAPP retractor	150
		KLEINERT-KUTZ rongeur	237
		KLEINERT-KUTZ skin hook	149
		KLEINERT-KUTZ tendon grasping instrument	294
		KLEINSASSER chest support	36
		KLEINSASSER injection cannula	36
		KLEINSASSER light guide	36
		KLEINSASSER suction tube	36
		KLEINSCHMIDT appendix intestinal clamp	544
		KLINKENBERGH-LOTH vascular scissors	65/1
		KNAPP cataract curette	378
		KNAPP extraction hook	375
		KNAPP iris knives	372
		KNAPP IRIS scissors	55
		KNAPP-LUER forceps	393
		KNIGHT septum forceps	425
		knives amputation	44
		knives BALLENGER	436
		knives bone	44
		knives LANGENBECK	47
		knives MUCK	420
		knives PLESTER	418
		knives ROSEN	418
		knives SCHUKNECHT	418
		knives TABB	418
		knives WULLSTEIN	418
		KNOWLES bandage scissors	70
		KOCHER bladder spatula	552
		KOCHER hemostatic clamp	108
		KOCHER intestinal clamp	540
		KOCHER probes	479
		KOCHER retractor	155, 160, 163
		KOCHER-LANGENBECK retractor	159
		KOENIG needle	223
		KOERTE abdominal spatula	143/3
		KOERTE retractor	162
		KOGAN endo specula	577
		KÖNIG bone levers	284
		KÖNIG guideprobes	221/1

KÖNIG raspatories	276
KÖNIG retractor	153
KOOS dura knives	335
KRAUSE interchangeable tips	472
KRAUSE polyp snare	433/2
KRAUSE polyp snare	411, 434
KRAUSE-VOSS polyp snare	433/2
KRAYENBÜHL nerve hook	336
KRISTELLER specula	572
KRISTELLER vaginal specula	572
KROENIG tongue depressors	451
KRONECKER ligaturee needle	219
KUGLEN hook	376
KÜMMEL abdominal spatula	143/4, 144
KÜNTSCHER driver	321
KÜNTSCHER extractor	322
KÜNTSCHER reamer	321
K-wire dispenser	310
 L	
LA FORCE adenoid curette	450
LA FORCE foreign body needle	374
LA GRANGE gum scissors	69
LABORDE trachea dilator	476
lachymal dilat. WILDER	381
lachymal dilat. CASTROVIEJO	381
lachymal dilator ZIEGLER	381
lachymal probes BOWMAN	381
lachymal probes Harris	381
LACRIMAL Irrigationscannula	394
LAGRANGE supercut scissors	72
LAHEY grasping forceps	479
LAHEY hemostatic clamp	120
LAHEY retractor	149, 157
LAMBERT chalazio tissue forceps	393
LAMBERT-KAY aortic-ANASTOMosis clamp	505
LAMBERT-LOWMAN bone holding clamp	249
LAMBOTTE bone holding forceps	244
LAMBOTTE chisels	261
LAMBOTTE raspatories	274, 275
lamina spreader CLOWARD	339
lamina spreader INGE	339
laminectomy retractor CHERRY	488
laminectomy retractor forceps CLOWARD	342
laminectomy retractor forceps OLDBERG	341/1
laminectomy retractor forceps SCHLESINGER	342
laminectomy retractor forceps SPURLING	340
laminectomy retractor forceps WAGNER	343
laminectomy retractor forceps CUSHING	340
laminectomy retractor forceps FERRIS-SMITH	343
laminectomy retractor forceps LOVE-GRUENWALD	340
laminectomy retractor SCOVILLE	196
laminectomy retractor SCOVILLE-HAVERFIELD	196
LANCASTER eye specula	371
lancet electrode MONOPOLAR	628, 629
LANDAU vaginal specula	577
LANDOLT TUMOR grasping forceps	341/2
LANE bender	325
LANE bone holding forceps	244
LANE bone levers	290
Lane bone levers	290
LANE bone plate holding forceps	325
LANE screw driver	323, 324
LANE srewholdingforceps	325
LANE stomach clamp	547
LANE surgical tissue forceps	84
LANE towel clamp	133
LANE TRETHOWAN bone levers	290
LANG extraction dissector	378
LANGE interchangeable tips	472
LANGE nose hook	448
LANGE-HOHMANN	286
LANGENBECK	311, 409

LANGENBECK amputation knives	44
LANGENBECK bone holding forceps	243
Langenbeck ear loop	409
LANGENBECK FINGER saw	296
LANGENBECK knives	47
LANGENBECK needle holder	213
LANGENBECK raspatories	275
LANGENBECK retractor	158, 159
LANGENBECK-GREEN retractor	153
LARSEN tendon grasping forceps	292
laryngeal cannula	470
laryngeal mirror	473
laryngeal mirror MICHEL	423
laryngeal polypus forceps FRAENKEL	471
laryngeal polypus forceps JURASZ	471
laryngoscope FOREGGER	29, 31
laryngoscope handle cold light	33
laryngoscope handle warm light	32
laryngoscope handle with transformer	34
laryngoscope HOLINGER	37
laryngoscope JACKSON	37
laryngoscope MCINTOSH	29, 31
laryngoscope MILLER	30
Lateral vaginal retractor	569
LAWRENCE hemostatic clamp	119
lead hand	250
LEBSCHE scull breaker	267
LEES bronchus clamp	504
LEGUEU bladder retractors	553
LEGUEU holding arm system	368 - 368/4
LEKSELL(STILLE) bone rongeur	240
LELAND-JONES vascular clamp	495
LEMPERT bone curettes	256
LEMPERT bone rongeur	237
LEMPERT elevator	420
LERCHE grasping tissue forceps	83
LERICE abdominal spatula	143/4
LERICE hemostatic clamp	111
LESTER fixation forceps	389
LEVISON foreign body needle	374
LEWIN bone holding forceps	246
LEXER BABY dissecting scissors	53
LEXER chisels	263
LEXER dissecting scissors	53
LEXER MINI gouges	263
LEYLA holding arm system	368 - 368/4
LICHENBERG needle holder	213
LICHTWITZ trocar	204
LIEBERMAN eye specula	324
ligature rings	568
ligature scissors	54
ligature needle	218
ligature needle COOPER	219
ligature needle DESCHAMPS	218
ligature needle KRONECKER	219
ligature needle NELSON	219
ligature needle SCHMIEDEN-DICK	219
light guide HOLLINGER	37
light guide JACKSON	37
lip retractor	453
LISTER bandage scissors	69/1
LISTER SUPERCUT scissors	72
LISTER(SINUS) dressing forceps	137
LISTER-BURCH eye specula	370
LISTON amputation knives	44
LISTON bone cutting forceps	241
LITTAUER cilia forceps	395
LITTAUER ear forceps	411
LITTAUER polyp forceps	425
LITTAUER suture scissors	66
LITTLE retractor	157
LITTLET IRIS scissors	55
LITTLEWOOD intestinal grasping forceps	538
LOCKHART-MUMMERY fistula probes	200
LOCKLIN gum scissors	69
LOCKWOOD-ALLIS intestinal grasping forceps	538
LONDON-COLLEGE teeth tissue forceps	93
loop electrode MONOPOLAR	628, 629
LOPEZ-REINKE tonsil	465
LORENZ bandage scissors	70
LORNA towel clamp	133
LOUTE wire instrument	315
LOVE nerve hook	329, 330
LOVE retractor	465
LOVE-GRUENWALD	340
LOVELACE hemostatic clamp	109
LOVELACE lung grasping forceps	490
LOWER hemostatic clamp	120
LOWMAN bone holding clamp	249
LOWMAN-HOGLUAND bone holding clamp	249
LUBET-BARBON nose dressing forceps	424
LUC septum forceps	426
LUCAE ear forceps	410
LUCAE hook	409
LUCAE mallet	271
LUCAE paracentesis needle	408
LUCAE tuning forc..	404
LUCAS	260
LUER bone rongeur	236
LUER retractor	140
LUER trachea cannula	479
LUER-KOERTE gall stone curette	533
LUIKART obstetrical forceps	603
LUNDGAARD SKLEROTOM	373
lung grasping forceps LOVELACE	490
lung scissors CRAFOORD	65/2
lung spatula ALLISON	489/2
LUNIATSCHEK	465
Lupus curette FOX	608
Lupus curette PIFFARD	608
 M	
MAGILL CATHETER INTRODUCING FORCEPS	28
MAIER dressing forceps	134
MAINOT hysterectomy forceps	123/1, 123/2
mallet	270, 272
mallet BERGMANN	272
mallet COLLIN	270
mallet COTTE	273
mallet GERZOG	270
mallet HAJEK	273
mallet HEATH	273
mallet KIRK	270
mallet LUCAE	271
mallet MEAD	271
mallet OMBREDANNE	273
mallet PARTSCH	271
mallet QUISLING	271
mallet WILLIGER	271
MALTZ (COTTE) nose rasp	444
MALTZ nose rasp	443
mamaria sternum retractor	486
mandibular body retractor HARGIS	463/6
MANDRIN for tournalet	528
MANOMETER	295, 596
marker CONNIN-AMSLER	380
MARQUARD bone rongeur	239
MARSCHIK tonsil forceps	468
MARTEL grasping forceps	110
MARTIN bone holding forceps	246
MARTIN CARTILAGE scissors	65/1
MARTIN retractor	605
MARTIN uterine-retractor	175/1
MARTIN uterine-probes	586
MARTINI bone curettes	257
MASING septum elevator	437

MASSING-NEIVERT nose hook	447/1	METZENBAUM TC dissecting scissors	53/1	MORITZ-SCHMIDT tongue depressors	452
MASSON needle holder	210	MEYER bone holding forceps	248	MORRIS retractor	164
MASTIN muscle clamp	479	MEYERDING retractor	157	MORRIS-DEBAKEY aortic clamp	506
MATHIEU foreign body forceps	553/1	MEYERDING retractors	180	MORSE rib spreader	484
MATHIEU needle holder	213	MEYHOEFER chalazio curette	377	MORSE-FAVALORO rib spreader	484
MATHIEU rectal-specula	560	MICHEL clip	224	mouth gags DAVIS-BOYLE	455
MATHIEU retractor	141	MICHEL clip forceps	224	mouth gags DENHART	454
MATHIEU-OLSEN needle holder	212	MICHEL clip tissue forceps	224	mouth gags DINGMANN	456
MATSON raspatories	279	MICHEL laryngeal mirror	423	mouth gags HEISTER	454
MATSON-ALEXANDER raspatories	279	micro ear forceps	413	mouth gags JENNINGS	454
MAXI GRASPER biopsy forceps	593	micro ear forceps COS	414	mouth gags McIVOR	457
MAYFIELD bone rongeur	238	micro ear forceps DIETER	414	mouth gags ROSEK-KOENIG	454
MAYO dissecting scissors	52	micro ear forceps GREVEN	414	mouth gags DOYEN-JANSEN(MOLT)	454
MAYO gall stone curette	534	micro ear forceps HAUGH	414	MOYNIHAN gall stone probes	531
MAYO gall stone probes	534	micro ear forceps JUERS	414	MOYNIHAN hemostatic clamp	121
MAYO sterilization clamp	227	micro ear forceps McGEE	414	MOYNIHAN towel clamp	133
MAYO supercut scissors	71	micro ear scissors BELLUCCI	413	MUCK knives	420
MAYO tissue forceps	89	micro ear scissors SHEA	413	MUELLER eye specula	371
MAYO tongue depressors	451	MICRO FRIEDMANN	234	MÜLLER APPROXIMATOR	364
MAYO-ADAMS retractors	171	MICRO FRIEDMANN bone rongeur	234	MÜLLER vascular clip	365
MAYO-BLAKE gall stone forceps	530/2	micro scissors	76, 77, 78, 80	MÜNCHEN biopsy curette	587
MAYO-COLLINS retractor	141	micro scissors BELLUCCI	417	MURDOCK eye specula	370
MAYO-COLLINS retractor Set	141	micro scissors GOMEL	80	MURPHY refractor	156
MAYO-HABERISSER wire forceps	319	micro scissors HEPP-SCHEIDEL	78	MURPHY-LANE elevator	283
MAYO-HEGAR needle holder	209	micro scissors REDA	77, 78, 80	muscle clamp MASTIN	479
MAYON-GUYON hemostatic clamp	122	micro sickle knives	475	muscle forceps PRINCE	387
MAYO-NOBLE dissecting scissors	52	micro tissue forceps	94	musclehook GREEN	267
MAY-O-PHTALMOSkop UNI	14	micro-curette forceps WULLSTEIN	416	muscle forceps BERKE	389
MAYO-ROBSON intestinal clamp	541	micro-grasping forceps tube shaft	415	MUSEUX hook forceps	583
MAYO-STILLE dissecting scissors	52	MICRO-HARTMANN hemostatic clamp	104	MYLES nose forceps	427
MAYO-STILLE supercut scissors	71	microsurgical tissue forceps GOMEL	96	myoma knives SEGOND	594
MC DONALD elevator	283	MICROVASCULAR needle holder	210	myoma screw DOYEN	594
MC GIVNEY haemorrhoidal LIGATOR	568	MIDDLEDOORP retractor	160		
MC INDOE bone cutting forceps	241	MIDDLETON-JANSEN septum forceps	430		
MC KENZIE drill	299	MIKULICZ intestinal clamp	543		
MCCULLOUGH strabismus forceps	385	MIKULICZ peritoneum clamp	123		
MCGEE hook	419	MIKULICZ retractor	163		
MCGEE micro ear forceps	414	MIKULICZ-BABY peritoneum clamp	123		
MCINDOE scissors	65/1	MILLER laryngoscope	30		
MCINDOE tissue forceps	85	MILLER nose rasp	444		
MCINTOSH laryngoscope	29, 31	MILLIGAN dura dissector	332		
MCINTYRE eye cannula	394	MILLIN bladder retractors	552		
MCIVOR mouth gags	457	MILLIN bladder spreader	553		
MCKENTY septum elevator	437, 438	MILLIN capsular grasping forceps	551		
MCKENZIE applier forceps	326	MILLIN prostatic grasping forceps	551		
MCLEAN obstetrical forceps	603/1	Mini bulldog clamp DEBAKEY-DIETHRICH	101		
MCLEAN-LUIKART obstetrical forceps	603/1	Mini quick handle	301		
MCLEAN-TUCKER-LUIKART obstetrical forceps	603/1	mini scalpel	41		
MCPHERSON tissue forceps	392	mini scalpel handle	41		
MEAD bone rongeur	235	Mini-bulldog clamp	101		
MEAD mallet	271	MINI-LAMBOTTE chisels	262		
Measurence circle CASTROVIEJO	380	MINIMUS Sphygmomanometer	11, 12		
Measuring instrument IWANSON	624	MINI-TOWNSEND-DOWN biopsy forceps	591		
medicine cup	621	MINI-TOWNSEND-UP biopsy forceps	591		
medicine spoon	621	MIXTER gall stone forceps	530/2		
MEEKER hemostatic clamp	119	MIXTER hemostatic clamp	116, 119, 120, 121		
MEHDORN applier forceps	362	MIXTER hemostatic clamp S-cvd	116		
MEHDORN vascular clip	362	MIXTER-BABY hemostatic clamp	119		
MELLINGER eye specula	370	MIXTER-O'SHAUGNESSY	120		
MELLINGER-AXENFELD eye specula	370	MIXTER-O'SHAUGNESSY hemostatic clamp	120		
MENGHINI biopsy needle	206	MODELL BONN iris tissue forceps	387		
meniscus hook BLOUNT	289	MOELTGEN goniometer	25		
meniscus knives NEFF	292	MOGEN circumcision instrument	556		
meniscus knives SMILLIE	292	MOLLISON retractors	171		
MERCEDES thoracic spreader	489	MOLT raspatrIUM	276		
MERIAM teeth tissue forceps	93	MONOPOLAR electrode ball	628, 629		
METAL catheter	555	MONOPOLAR electrode lancet	628, 629		
Metal catheter COXETER	555	MONOPOLAR electrode loop	628, 629		
METZENBAUM "S" surgical scissors	54	MONOPOLAR electrode needle	628, 629		
METZENBAUM dissecting scissors	53/1	MOOR gall stone scoop	531		
METZENBAUM FINO TC dissecting scissors	53/1	MOORE bone hand drills	298		
METZENBAUM needle holder	211	MOORFIELD tissue forceps	392		
METZENBAUM supercut scissors	71	MORGAN proctoscope	565		

needle holder CRILE-MURRAY.....	209
needle holder CRILE-WOOD TC.....	209
needle holder DE BAKEY.....	210
needle holder DERF.....	208
needle holder FINOCCHIETTO.....	211
needle holder GILLIES.....	212
needle holder HALSEY.....	208
needle holder HALSEY.....	208
needle holder HEANEY.....	210
needle holder HOESEL.....	213
needle holder JACOBSON.....	215
needle holder JOHNSON.....	211
needle holder KALT-ARRUGA.....	214
needle holder KILNER.....	212
needle holder LANGENBECK.....	213
needle holder LICHTENBERG.....	213
needle holder MASSON.....	210
needle holder MATHIEU.....	213
needle holder MATHEU-OLSEN.....	212
needle holder MAYER-HEGAR.....	209
needle holder METZENBAUM.....	211
needle holder MICROVASCULAR.....	210
needle holder NEIVERT.....	208
needle holder OLSEN-HEGAR.....	212
needle holder RYDER.....	210
needle holder SAROT.....	211
needle holder St.EVENS.....	214
needle holder STRATTE.....	212
needle holder WEBSTER.....	208
needle nose plier.....	320
needle REVERDIN.....	220
needle ROSEN.....	419
needle sterilization case.....	615
needle YOUNG-BOOMERANG.....	220
needles.....	222, 223
NEFF meniscus knives.....	292
Negus CHEST SUPPORT.....	459
NEIVERT needle holder.....	208
NEIVERT-ANDERSON chisel.....	442
NELATON probes.....	199
NELSON ligature needle.....	219
NELSON STANDARD trocar.....	204
NELSON trocar.....	205
NELSON vascularisstue forceps.....	.89
NEONATAL vascular clamp.....	523
Neonatal vascular clamp CASTANEDA.....	527
nerve hook CRILE.....	328
nerve hook CUSHING.....	328
nerve hook DANDY.....	328
nerve hook GRAHAM.....	328
nerve hook HOLSHER.....	329
nerve hook KRAYENBUEHL.....	336
nerve hook LOVE.....	329
nerve hook LOVE.....	330
nerve hook SACHS.....	328
nerve hook SCOVILLE.....	329, 330
nerve hook SMITHWICK.....	328
NEUGS tonsil forceps.....	467
neurosurgical SCISSOR STRULLY.....	.65
neurosurgical scissors.....	.65
NEWS trachea hook.....	477
nippers nail.....	.612/2, 613, 614
Nissen fine hemostatic clamp.....	113
NISSEN hemostatic clamp.....	113
nmnopolar forceps.....	634
noise apparts POLITZER.....	405
NORDFOLK-NORWICH retractors.....	172
NORTHBENT suture scissors.....	.66
nose dressing forceps LUBET-BARBON.....	424
nose dressing forceps WESTMACOTT.....	424
nose forceps CAPLAN.....	428
nose forceps HARTMANN.....	427
nose forceps MYLES.....	427

nose forceps SCHMEDEN.....	.427
nose forceps STRUYCKEN.....	.427
nose forceps TAKAHASHI.....	.427
nose forceps WATSON-WILLIAMS.....	.428
nose forceps WEIL-BLAKESLEY.....	.426
nose hook.....	.447
nose hook AUFRIECHT.....	.447
nose hook CONVERSE.....	.448
nose hook COTTE.....	.447, 447/1
nose hook LANGE.....	.448
nose hook MASING-NEIVERT.....	.447
nose rasp FOMON.....	.444, 445
nose rasp JOSEPH.....	.443
nose rasp JOSEPH (LEWIS).....	.443
nose rasp MALTZ.....	.443
nose rasp MALTZ (COTTE).....	.444
nose rasp MILLER.....	.444
nose rasp PEET.....	.446
nose rasp WIENER.....	.443
nose saw JOSEPH.....	.446
nose scissors.....	.429
nose scissors COTTE.....	.59
nose scissors FOMON.....	.58
nose scissors HEYMANN.....	.58
nose specula COTTE.....	.423
nose specula HARTMANN.....	.422
nose specula HARTMANN-HALLE.....	.421
nose specula KILLIAN.....	.423
nose specula REDA.....	.423
nose specula THUDICHUM.....	.421
nose specula TEICK-HALLE.....	.423
nose specula type VIENNA.....	.421
nose specula VOLTOLINI.....	.421
noseoline POLITZER.....	.406
NOTO uterine polyp forceps.....	.585
NOVA Sphygmomanometer.....	.6, 7
NOVAK biopsy curette.....	.587
NOYES eye scissors.....	.75
NOYES polyp forceps.....	.425
Nucleus Rotator Bechert.....	.379
nystagmus spectacles FRENZEL.....	.20
O	
obstetrical curette SELLHEIM.....	.607
obstetrical forceps BARTON.....	.603/2
obstetrical forceps BOERMA.....	.604
obstetrical forceps DE LEE.....	.602
obstetrical forceps ELLIOT.....	.603
obstetrical forceps KIELLAND.....	.602
obstetrical forceps KIELLAND-LUIKART.....	.603
obstetrical forceps LUIKART.....	.603
obstetrical forceps McLEAN.....	.603/1
obstetrical forceps McLEAN-LUIKART.....	.603/1
obstetrical forceps McLEAN-TUCKER.....	.603/1
obstetrical forceps McLEAN-TUCKER-LUIKART.....	.603/1
obstetrical forceps NAEGELE.....	.603
obstetrical forceps PIPER.....	.604
obstetrical forceps SIMPSON.....	.602
obstetrical forceps SIMPSON-BRAUN.....	.602
obstetrical forceps SIMPSON-LUIKART.....	.603
obstetrical forceps THIERRY.....	.603
obstetrical forceps WRIGLEY.....	.602
OBWEGESER awl.....	.463
OBWEGESER blade osteotome.....	.464/1
OBWEGESER raspatories.....	.462
OBWEGESER retractor.....	.460, 461/1
OBWEGESER retractors.....	.463
OCHSNER trocar.....	.205
O'CONNER iris hook.....	.375
OEHLER surgical tissue forceps.....	.81/1
OLDBERG laminctomy retractor forceps.....	.341/1
OLIVECRONA bone rongeur.....	.237
OLIVECRONA brain spatula.....	.336
OLIVECRONA dura dissector.....	.332
OLIVECRONA wire saw.....	.332
OLIVECRONA-TOENNIS applier forceps.....	.326
OLLIER retractor.....	.162
OLSEN-HEGAR needle holder.....	.212
OMBREDANNE mallet.....	.273
Opthalmoskop MAY UNI II.....	.14
OP-laryngoscope HOLINGER.....	.37
OP-laryngoscope JACKSON.....	.37
OP-laryngoscope KLEINSASSER.....	.35
ophthalmologic scissors.....	.57, 58
ophthalmologic scissors AEBLI.....	.58
ophthalmologic scissors GRADLE.....	.57
ophthalmologic scissors STEVENS.....	.58
Oscillation plaster cast saw and accessories.....	.230/10 - .230/18
osteotome blade OBWEGESER.....	.464/1
osteotome EPKER.....	.464/2
OSTROEM Antrum-punch.....	.430
O'Sullivan-O'Connor abdominal retractor.....	.181
O'SULLIVAN-O'CONNOR abdominal retractor.....	.576
O'SULLIVAN-O'CONNOR abdominal retractors.....	.181
OTIS urethrotome.....	.553
Otoskop Diagnostic set UNI I.....	.13
OVAL RING.....	.194
OVERHOLT hemostatic clamp.....	.114
OVERHOLT-BABY hemostatic clamp.....	.114
OVERHOLT-GESENDOERFER hemostatic clamp.....	.114
OVERHOLT-MIXTER hemostatic clamp.....	.115
ovum curette CUZZI.....	.606
ovum curette PESTALOZZA.....	.606
ovum curette WALLICH.....	.607
ovum forceps SAENGER.....	.606
ovum forceps WINTER.....	.606
P	
pan bed.....	.621/1
pan placenta.....	.621/1
paracentesis needle LUCAE.....	.408
paracentesis needle POLITZER.....	.408
parametrium clamp REDA.....	.128/1
PARAMETRIUM scissors.....	.63
PARK eye specula.....	.371
PARKER retractor.....	.139
PARTSCH chisels.....	.259
PARTSCH mallet.....	.271
PASSOW.....	.260
Passow chisels.....	.260
PATELLA forceps.....	.248
PATON corneal dissector.....	.373
PAUFIQUE Keratoplast.-knives.....	.373
PAUFIQUE tissue forceps.....	.392
PAYR guide probes.....	.221/1
PAYR intestinal clamp.....	.548
PEAN hemostatic clamp.....	.108
PEAN hemostatic clamp.....	.110
PEAN hemostatic clamp.....	.108, 110
PEAPOD rongeur.....	.341/1
PECK-JOSEPH dissecting scissors.....	.74
PEDERSON vaginal specula.....	.570
PEENFIELD dissector.....	.333
PEERS towel clamp.....	.132
PEET nose rasp.....	.446
PEET splinter forceps.....	.92
PELMANN dressing forceps.....	.137
pelvimeter COLLIER.....	.605
pelvimeter MARTIN.....	.605
Pelvis-hook St.MARKS.....	.165
Penisclamp Stockmann.....	.553/1
Penisclamp STRAUSS.....	.553/1
PENNINGTON hemostatic clamp.....	.109
PENNINGTON septum elevator.....	.438
percussion mallet BABINSKY.....	.24

percussion mallet BERLINER	24	PRATT fistula probes	563	raspatoriesium WIBERG	277
percussion mallet BUCK	24	PRATT grasping forceps	110	raspatoriesIEDILLOT	274, 275
percussion mallet TAYLOR	24	PRATT hook forceps	584	raspatory HARGIS	463/2
percussion mallet TROEMNER	24	PRATT rectal-specula	559	raspatory SELDING	277
PERCY RETRAKTOR	296	PRATT uterine Dilatator	580	RAZOR blades	45
perforators SMELLIE	607	PRECISA Sphygmomanometer	9	reamer KUENTSCHER	321
Peripheral vascular clamp DE BAKEY	494	PRICE-TOMAS bronchus clamp	490	reamer KUENTSCHER	321
Peripheral vascular clamp LELAND-JONES	495	PRINCE muscle forceps	387	RECAMIER uterine curette	597
peritoneum clamp FAURE	123	PRINCE tonsil scissors	59	rectal biopsy forceps TURREL	567
peritoneum clamp MIKULICZ	123	PROBE AND PACKER	612	rectal suction tube BUIE	566
peritoneum clamp MIKULICZ-BABY	123	probe tips	201	rectalbiopsy forceps YEOMAN	566, 567
peritoneum clamp PHANEUF	123	probes	199	rectalsnare WESTON	566
PERKINS retractors	168	probes BRODIE	199	rectal-specula ALAN-PARKS	561
PERTHES awl	304	probes DOYEN	199	rectal-specula BARR	559
PESTALOZZA ovum curette	606	probes FISH	199	rectal-specula BODENHAMMER	559
petri box	620	probes Harms	333	rectal-specula CZERNY	559
PETZ stomach and intestinal sutureing apparatus	549	probes JACOBSON	335	rectal-specula HILL-FERGUSSON	560
PHALANGEN knives	44	probes KOCHER	479	rectal-specula MATHIEU	560
PHANEUF peritoneum clamp	123	probes NELATON	199	rectal-specula PRATT	559
PIERCE septum	438	probes Valleix	586	rectal-specula SAWYER	560
PIERCE trocar	204	probes WATSON-CHEYNE	199	rectal-specula SCHULZE-BERG	560
PIFFARD LUPUS curette	608	probes Worst	333	rectal-specula SIMS	559
PILLING clip forceps	524	proctoscope Bensaude	565	rectum clamp HAYES	545
pin cutter	320	proctoscope CHELSEA-EATON	563	REDA tuning forc	403
PINARD stethoscope	23	proctoscope FANSLER	564	REDA amputation knife	44
PINWHEEL WARTENBERG	25	proctoscope KELLY	562, 563	REDA blade breaker	45
PIPER obstetrical forceps	604	proctoscope Morgan	565	REDA bone curettes	256
Pistol for cleaning	626	prostatic grasping forceps MILLIN	551	REDA bone hand drills	300
pituitary rongeur	341	prostatic hook YOUNG	550	REDA bone holding forceps	246, 247
placenta pan	621/1	PROVIDENCE-HOSPITAL hemostatic clamp	106	REDA cilia forceps	395
plaster cast saw ENGEL	229	punch KEYES	608	REDA cotton-applicator	203
plaster cast saw oscillating and accessories	230/10 - 230/18	punction cannula FRAZIER	337	REDA EXCENTER bandage scissors	69/2
plaster forceps WOLFF	233	punction cannula QUINKE	206	REDA eye magnet	395
plaster knives ESMARCH	233	PUTTI bone rasp	294	REDA Finger ring saw	297
plaster knives HOPKINS	233	Pylorusretractor BENSON	544	REDA intestinal grasping forceps atrauma	111
plaster knives REINER	233	 Q		REDA nose specula	423
plaster knives WIGMORE	229	QUERVAIN elevator	275	REDA parametric clamps	128/1
plaster retractor BEESON	232	quick handle	301	REDA plaster retractor	232
plaster retractor HAGLUND-STILLE	232	QUINBY gum scissors	67	REDA sickle knives	435
plaster retractor HENNIG	232	QUINKE punction cannula	206	REDA skin hook	150
plaster retractor REDA	232	QUIRE foreign body lever	412	REDA sterilization forceps	615
plasterscissorsSTILLE	229	QUISLING mallet	271	REDA suture fork	221/1
platte JAEGER	371	 R		REDON guide needle	207
PLESTER knives	418	RACHIOTOM	267	REES FACE LIFT scissors	73
PLESTER retractors	171	RADOLF nail forceps	297	REICHERT DECKEL epiglottis retractor	471
PLESTER suction tube	338	RALK bone hand drills	300	REILL bone holding forceps	248
pneumatic tourniquet	295	RAMPLEY dressing forceps	136	REINER ear syringe	406
POLITZER air blower	406	RAMUS retractor	461	REINER plaster knives	233
POLITZER ear knives	408	RANDALL biopsy curette	587	REKORD syringe	596
POLITZER ear specula	399	RANDALL kidney stone forceps	535	RESANO capsula scissors	53/2
POLITZER noseOLIVE	406	RANEY appling forceps	327	RESANO intestinal clamp	542
POLITZER paracentesis needle	408	RANGELL retractor	140	RESECTION knives	47
polyp forceps HARTMANN	424	raspatories	279	retractor ALM	168
polyp forceps LITTAUER	425	raspatories ADSON	282	retractor ANDERSON	198
polyp forceps NOYES	425	raspatories ALEXANDER	276	retractor assembly	188
polyp loop	411	raspatories COBB	280	retractor AUFRANC	289
polyp snare KRAUSE	433/2	raspatories DINGMANN	463, 463/3	retractor breast	198
polyp snare KRAUSE	411, 434	raspatories DOYEN	278	retractor BRUNNER	167
polyp snare KRAUSE-VOSS	433/2	raspatories FARABEUF	274	retractor COLLIN	139
polyp snare WILDE	433/2	raspatories FARABEUF-COLLIN	274	retractor COLLIN HARTMANN	141
polyp snare WILDE	411, 434	raspatories FOMON	277	retractor COOLEY	148
POOLE suction tube	27	raspatories JOSEPH	277	retractor CORONAL BLOW LIFT	198
POST MORTEM	268	raspatories KOENIG	276	retractor CORYLLOS	166
POST MORTEM knives	48	raspatories LAMBOTTE	274	retractor CRILE	140
POST MORTEM knives VIRCHOW	48	raspatories LANGENBECK	275	retractor CUSHING	151
post mortem set	269	raspatories MATSON	279	retractor CZERNY	141
POTTS SMITH tissue forceps	81	raspatories MATSON-ALEXANDER	279	retractor DAVIDSON (Scapula)	166
POTTS-DE MARTEL vascular scissors	59	raspatories OBWEGESER	462	retractor DEAVER	145
POTTS-SMITH tissue forceps	81	raspatories SEMB	278	retractor DEAVER GRIP	146
POTTS-SMITH vascular scissors	61	raspatories WILLIGER	276	retractor DEBAKEY	189/1
POZZI-PALMER tenaculum forceps	582	raspatories MOLT	276	retractor DELEE	574
				retractor DESMARRES	151
				retractor DESMARRES	151

retractor DOYEN.....	163	retractors BECKMANN.....	176	rongeur HAJEK-KOFLER	429, 431
retractor DOYEN-STILLE.....	167	retractors BECKMANN-ADSON.....	175	rongeur HOLTH	380
retractor FARABEUF.....	139	retractors BECKMANN-EATON.....	176	rongeur KERRISON	428
retractor FERRIERA.....	197	retractors CASPAR.....	179, 180	rongeur PEAPOD.....	341/1
retractor FINSEN	168	retractors DARLING.....	178	ROSE retractor	140
retractor FreemaN.....	198	retractors HENLEY.....	170	ROSEN knives	418
retractor FRITSCH.....	163	retractors MAYO-ADAMS.....	171	ROSEN needle	419
retractor GIL-VERNET	152	retractors MEYERDING.....	180	ROSEN suction tube	338
retractor GOLET	141	retractors MOLLISON.....	171	ROSER-KOENIG	454
retractor GREEN.....	160	retractors NORFOLK NORWICH.....	172	ROSS retractor	148/1
retractor HARRINGTON	147	retractors PERKINS	168	RoUND RING MEDIUM	194
retractor HARRINGTON-PEMBERTON.....	147	retractors PLESTER.....	171	ROUX MINI retractor	140
retractor HASSON	143	retractors SCALP-CONTOUR	169	ROUX retractor	139
retractor HEANEY.....	164	retractors TRAVERS	172	ROUX-BABY retractor	140
retractor HIBBS	164	retractors WEITLANER	169	ROWE reposition forceps	459
retractor HOSEL.....	167	retractors WULLSTEIN	171	RUBIN septum forceps	428
retractor HOFER.....	465	Retraktor PERCY.....	296	RUDD haemorrhoidal ligator	568
retractor HOLZHEIMER	168	REVERDIN intestinal spatula.....	143/3	ruler metal	25
retractor ISRAEL.....	162	REVERDIN needle	220	RUMEL hemostatic clamp	117
retractor JACKSON-BURROWS	189/2	REYNOLDS supercut scissors	72	RUMEL-BELTMONT touriquet	528
retractor JANSEN	168	REYNOLDS surgical scissors	54	RUSkin bone rongeur	239
retractor KELLY	164	rhinoplastic scissors FOMON	65/1	RUSkin-LISTON bone cutting forceps	241
retractor KELLY GRIP	142	rib contractor SELLORS	489/1	RUSS MODELL grasping tissue forceps	85
retractor KLAPP.....	150	rib scissors	480	RUSSEL-DAVIS mouth gag	458
retractor KOCHER.....	155	rib scissors BETHUNE	481	RYDEL-SEIFFERT tuning forc	404
retractor KOCHER.....	160, 163	rib scissors BRUNNER	481	RYDER needle holder	210
retractor KOCHER-LANGENBECK	159	rib scissors CORYLLOS	480		
retractor KOERTE	162	rib scissors GIERTZ-STILLE	481		
retractor KÖNIG	153	rib scissors GLUCK	480		
retractor LAHEY	157	rib scissors SAUERBRUCH	481		
retractor LANGENBECK.....	158, 159	rib scissors SAUERBRUCH-FREY	481		
retractor LANGENBECK-GREEN	153	rib scissors STILLE	480		
retractor LITTLE.....	157	rib spreader BAILEY	489/1		
retractor LOVE	465	rib spreader BAILEY-BABY	489/1		
retractor MARTIN	175/1	rib spreader BAILEY-GIBBON	489/1		
retractor MATHIEU	141	rib spreader COOLEY	487		
retractor MEYERDING	157, 177	rib spreader COOLEY-NEONATAL	485		
retractor MEYERDING	177	rib spreader DE BOER	486		
retractor MIDDeldorf	160	rib spreader FINOCCHIETTO	482, 484		
retractor MIKULICZ	163	rib spreader FINOCCHIETTO-BURFORD	483		
retractor MORRIS	164	rib spreader HAIGHT	487		
retractor MURPHY	156	rib spreader MORSE	484		
retractor NAGER.....	465	rib spreader MORSE-FAVALORO	484		
retractor OBWEGESER.....	460, 461/1	rib spreader RIENHOFF-FINOCCHIETTO	486		
retractor OLLIER	162	rib spreader TUFFIER	487		
retractor PARKER	139	RIBBON intestinal spatula	143/1		
retractor RAGNELL	140	RICARD abdominal retractor	191		
retractor RAMUS	461	RICHARDSON retractor	142		
retractor RICHARDSON	142	RICHARDSON-EASTMAN retractor	142		
retractor RICHARDSON GRIP	142	RICHARDSON-GRIP retractor	142		
retractor RICHARDSON-EASTMAN	142	RICHNAU-HOLMGREN ear specula	400		
retractor ROSE	140	RICHTER-HEATH clip forceps	224		
retractor ROSS	148/1	RIENHOFF-FINOCCHIETTO rib spreader	486		
retractor ROUX	139	RIGBY abdominal retractor	189/2		
retractor ROUX-BABY	140	RI-MINI Diagnostic set	17		
retractor ROUX-MINI	140	RING tongue depressors	455		
retractor SAUERBRUCH	164	rings ligature	568		
retractor SAUERBRUCH	164, 166	RITTER-HALLE irrigation cannula	433		
retractor SENN-GREEN	153	ROBB spatula	530		
retractor SENN-MILLER	143	ROBERTS hemostatic clamp	117		
retractor SIMON	164	ROCHARD abdominal retractors	186		
retractor SPINA-NASALIS	461	ROCHESTER-CarmALT hemostatic clamp	109		
retractor TEBBETS	197	ROCHESTER-OCHSNER hemostatic clamp	108		
retractor TESSIER	463/3	ROCHESTER-PEAN hemostatic clamp	108		
retractor TUFFIER	147	ROEDER towel clamp	132		
retractor US-armY PARKER-LANGENBECK	141	ROGER septum	437		
retractor VOLKMANN	153	ROGERS hysterectomy clamp	127		
retractor VOLKMANN	156	ROGGE sterilization forceps	227		
retractor YANCOSKIE	198	ROLLET EXTRIPATION chisels	374		
retractor ZENKER	161	ROLLET extraction hook	375		
retractors ADSON	173	rongeur CITELL	430		
retractors ADSON	172, 173, 174	rongeur DECKER	341		
retractors ANDERSON-ADSON	172	rongeur FERRIS-SMITH-KERRISON	344, 344/2		
		rongeur SCHMIEDEN guideprobes	221		

SCHMIEDEN-DICK ligaturee needle.....	219, 221	septum chisels FREER.....	439	skin hook FREER.....	448
SCHMIEDEN-TAYLOR durascissors.....	65/1	septum chisels SHEEHAN.....	441	skin hook GILLIES.....	448
SCHNIDT tonsil forceps.....	467	septum chisels SILVER.....	442	skin hook GRAEFE	148/2
SCHOENBORN thyroid gland hook.....	479	septum elevator BALLINGER.....	439	skin hook GUTHRIE	148/2
SCHRÖDER hook forceps	583, 584	septum elevator COTTE.....	439	skin hook JOSEPH	149
SCHRÖDER uterine curette	595	septum elevator COTTE-JOSEPH	439	skin hook KILNER	608
SCHROEDER(POZZI) hook forceps.....	582	septum elevator FREER	437	skin hook KLEINERT-KUTZ	149
SCHUBERT biopsy forceps	588	septum elevator HAJEK-BALLINGER	439	skin hook REDA	150
SCHUKNECHT knives.....	418	septum elevator HALLE	437	skin punch KEYE	608
SCHULTZE salpingograph	596	septum elevator HOWARTH	438	skin punch KEYE	608
SCHULZE-BERGMANN rectal-specula	560	septum elevator JOSEPH	437	skin scissors	610
SCHUMACHER biopsy forceps	588, 589	septum elevator KILLIAN	438	skin STRAIGHTENING blade FOR DERMATOME	49
SCHUMACHER episotomy scissors	64	septum elevator MASING	437	slip joint plier	317
SCHUMACHER interchangeable tips	472	septum elevator McKENTY	437, 438	SLS clip forceps	524
SCHUMACHER sternum scissors.....	481	septum elevator PENNINGTON	438	SLUDER-BALLINGER	470
SCHWEIGGER capsular forceps.....	391	septum elevator PIERCE	438	SMELLIE hook	605
scissors CASTROVIEJO	79	septum elevator ROGER	437	SMELLIE perforators	607
scissors CASTROVIEJO	79	septum forceps BRUENINGS	425	SMILLIE bone levers	291
scissors COTTE	56	septum forceps HEYMANN	425	SMILLIE meniscusknives	292
scissors DOYEN	63	septum forceps KNIGHT	425	SMITH eye specula	370
scissors enterootomy	66	septum forceps LUC	426	SMITH ramus separator	463
scissors ENUCLEATION	58	septum forceps MIDDLETON-JANSEN	430	SMITH sagittal split retractor	463/5
scissors GORNEY	73	septum forceps RUBIN	428	SMITH US armY bandage scissors	69/1
scissors GRAEFFE	56	septum gouges FREER	442/1	SMITH-BUIE ANAL retractor	561
scissors HEPP-SCHEIDEL	78	septum gouges HAJEK	442/1	SMITH-PETERSEN	261
scissors MARTIN CARTILAGE	65/1	septum gouges KILLIAN-CLAUS	442/1	SMITH-PETERSEN bone rongeur	238
scissors McINDOE	65/1	septum knives CONVERSE	435	SMITHWICK applier forceps	326
scissors micro	76	septum knives COTTE	435	SMITHWICK nerve hook	328
scissors neurosurgical	65	septum knives FREER	434	SNELLEN cataract loop	378
scissors Parametrium	63	septum knives JOSEPH	434, 435	SNELLEN Entropium forceps	393
scissors REES	73	septum scissors KILLIAN	471	SOMER uterine-grasping forceps	585
scissors SIEBOLD	62	septum straightening forceps ASCH	449	spare blade	49
scissors SIMS	62	septum straightening forceps WALSHAM	449	spatula	203, 530/1, 612
scissors THOREK	65/2	SERPENTINE biopsy forceps	593	SPATULA AND PACKER	612
scissors WAGNER	67	SEUTIN bandage scissors	69/2	spatula Hirschman	379
scissors WERTHEIM	63	SEXTON ear knives	408	specula FRIEDMANN	577
sclerotome GUYTON-LUNDSGAARD	373	SHAPLEIGH ear loop	410	specula KALLMORGEN	573
sclerotome LUNDGAARD	373	SHAVER knives	49	specula KRISTELLER	572
SCOVILLE bone curette	253	SHEA micro ear scissors	413	specula O'SULLIVAN-O'CONNOR	576
SCOVILLE hook	196	SHEEHAN chisels	441	SPENCER suture scissors	66
SCOVILLE laminectomy retractor	196	SHIELDS eye cannula	394/2	SPENCER-WELLS hemostatic clamp	109
SCOVILLE nerve hook	329, 330	sickle knives REDA	435	Sphygmomanometer BABYPHON	10
SCOVILLE-HAVERFIELD laminectomy retractor.....	196	SIEBOLD gynaecological scissors	62	Sphygmomanometer DIPLOMAT	5
screw driver	232	SIEGLE ear specula	402	Sphygmomanometer EXACTA	8
screw driver LANE	323	Silver clips	326	Sphygmomanometer MINIMUS	11, 12
screw driver WILLIAMS	323	SILVER DERMATOM	50	Sphygmomanometer NOVA	6, 7
screw holding sleeve	324	SILVER septum chisels	442	Sphygmomanometer PRECISA	9
SCUDDER intestinal clamp	541	SIMCOE irrigation cannula	394/2	SPINAL bone curettes	253
SEBILLEAU elevator	275	SIMON retractor	164	Spinal hook TAYLOR	291
Section needle	268	SIMON uterine curette	594	SPINA-NASALIS retractor	461
SEDILLOT raspatories	274	SIMPLEX tubing clamp	624	splinterforceps ARCHER	92
SEGMENTED RING	194	SIMPSON obstetrical forceps	602	splinterforceps PEET	92
SEGOND hysterectomy clamp	125	SIMPSON-BRAUN obstetrical forceps	602	splinterforceps VIRTUS (RALK)	92
SEGOND myoma knives	594	SIMPSON-LUIKART obstetrical forceps	603	splinterforcepsSTIEGLITZ	92
SEGOND-LANDAU hysterectomy clamp	125	SIMS gynaecological scissors	62	splintertissue forceps	91
SEIFERT interchangeable tips	472	SIMS rectal-specula	559	splintertissue forceps CARMALT	91
SELDIN raspatory	277	SIMS uterine curette	597	splintertissue forceps FEILCHENFELD	91
SELLHEIM obstetrical curette	607	SIMS uterine depressor	586	splintertissue forceps HUNTER	91
SELLORS rib contractor	489/1	SIMS uterine dilator	581	spoon medicine	621
SEMB bone cutting forceps	242	SIMS uterine probes	586	SPRATT bone curettes	251
SEMB bone holding forceps	243	SIMS vaginal specula	573	spreader DAVIS-BOYLE	455
SEMB bone rongeur	240	SIMS-MAIER dressing forceps	134	spreader DAVIS-MEYER	457
SEMB bronchusclamp	491	SINGLEY tissue forceps	88	spreader DINGMANN	456
SEMB raspatories	278	Sinskey hook	376	spreader KILNER-DOUGHTY	456
SEMKEN anatomic tissue forceps	86	Sirus probes	438	SPURLING laminectomy retractor forceps	340
SEMKEN surgical tissue forceps	86	SINUS septum elevator	438	sputum cup	621/1
SEMM vaginal specula	571	sinuscopy forceps	431	srewholding forceps LANE	325
SENN-GREEN retractor	153	sinuscopy-trocars	205	ST.CLAIR-THOMSON adenoid curette	450
SENN-MILLER retractor	143	SKENE hook forceps	582	ST.MARKS pelvis hook	165
septum cannula	406	skin hook COTTE	447, 448	ST.MARTIN tissue forceps	392
septum chisels CINELLI	441	skin hook COTTE-NEVERT	448	STACKE earprobes	199
septum chisels COTTE	440	skin hook FOMON	447/1	STAMMBERGER forceps	431
septum chisels FOMON	441	skin hook FRAZIER	148/2	STAUDE-MOORE hook forceps	582

STEINMANN ENDER nail	307, 308	suction tube DEBAKEY	28	TC scissors PECK-JOSEPH.....	74
STEINMANN tendon holdingforceps	292	suction tube FRAZIER/FERGUSSON.....	337	TC scissors REES	73
STELLBRINK bone rongeur	234	suction tube HOUSE.....	337/2	TC surgical scissors STANDARD	51
STERILE scalpel-blade.....	42	suction tube PLESTER	338	TC tissue forceps CUSHING	83
STERILE spare blade	50	suction tube POOLE	27	TC tissue forceps GILLIES	86
sterilization clamp BUNT	227	suction tube ROSEN	338	TC tissue forceps SEMKEN	86
sterilization clamp MAYO	227	suction tube KLEINSASSER	36	TC tissue forceps surgical	81
sterilization forceps	227	suction tube YANKAUER.....	27	TC tissue forceps WANGENSTEEN	89
sterilization forceps	227	suction tube YASARGIL	337/1	TC tissue forceps N ANATOMIC	81
sterilization forceps CHEATLE	227	suction tube ZOELLNER.....	337/1	TC-scissors Gorney.....	73
sterilization forceps REDA	615	scupercut scissors	71	TC-scissors KAYE	73
sterilization forceps ROGGE	227	scupercut scissors BABY METZENBAUM	71	TEALE hook forceps.....	583
sterilization forceps UNIVERSAL	227	scupercut scissors FREEMAN	74	TEBBETTS retractor	197
sterilization tray	622, 623	scupercut scissors GORNEY	73	teeth tissue forceps LONDON-COLLEGE	93
sterilization tray	618	scupercut scissors IRIS.....	72	teeth tissue forceps MERIAM	93
STERNBERG cheek retractor	453	scupercut scissors KAYE	73	tenaculum forceps ADAIR	582
sternum scissors SCHUMACHER	481	scupercut scissors KILNER/RAGNELL	72	tenaculum forceps POZZI-PALMER	582
Sternumchisels LEBSCHE	267	scupercut scissors LAGRANGE	72	tendon grasping forceps	293
stethoscope ANESTOPHON	23	scupercut scissors LISTER	72	tendon grasping forceps JACKSON	292
stethoscope DUPLEX	23	scupercut scissors MAYO	71	tendon grasping forceps LARSEN	292
stethoscope PINARD	23	scupercut scissors MAYO-STILLE	71	tendon grasping instr KLEINERT-KUTZ	294
STEVENS iris tissue forceps	383	scupercut scissors METZENBAUM	71	tendon grasping instrument BRAND	293
STEVENS lens hook	375	scupercut scissors REES	73	tendon grasping instrument CAROLL	293
STEVENS needle holder	214	scupercut scissors REYNOLDS	72	tendon guide BUNELL	294
STEVENS ophthalmologic scissors	58	scupercut scissors STEVENS	72	tendon holding forceps STEINMANN	292
STEVENS supercut scissors	72	scupercut scissors WAGNER	72	tendon passing instr. BRAND	294
STEVENSON eye specula	371	surgical needle KEITH	223	tendon passing instr. BUNNELL	292
STIEGLITZ splinter forceps	92	surgical needle KOENIG	223	TERSON capsular forceps	391
STILLE anatomic tissue forceps	81	surgical scissors FERGUSSON	66	TESSIER retractor	463/3
STILLE bone hand drills	298	surgical scissors fine IRIS	54/2	T-handle	300, 301
STILLE chisels	260	surgical scissors fine JOSEPH	54/1	T-handle HUDSON	300
STILLE chisels	260	surgical scissors fine KILNER	54/1	THIERRY obstetrical forceps	603
STILLE gouges	260	surgical scissors fine REYNOLDS	54/1	THOMAS uterine curette	599
STILLE hemostatic clamp	122	surgical scissors fine SANVENERO	54/1	THOMAS-GAYLOR biopsy forceps	588
STILLE plaster scissors	229	surgical scissors METZENBAUM	51, 54/1	THOMS-ALLIS intestinal grasping forceps	538
STILLE rib scissors	480	surgical scissors STANDARD	51	THOMSON-WALKER bladder retractors	552
STILLE surgical tissue forceps	81	surgical scissors SYSTRUNK	66	thoracic spreader MERCEDES	489
STILLE-BARRAYA vasculartissue forceps	88	surgical tissue forceps	81	THOREK scissors	65/2
STILLE-HORSLEY bone cutting forceps	242	surgical tissue forceps ADSON	81/2	THUDICHUM nose specula	421
STILLE-LISTON bone cutting forceps	241	surgical tissue forceps ADSON Micro	81/2	thyroid gland hook SCHOENBORN	479
STILLE-LUER bone rongeur	239	surgical tissue forceps ADSON-BROWN	82	TIECK-HALLE nose specula	423
STILLE-RUSKIN bone rongeur	239	surgical tissue forceps BONNEY	88	TILLEY ear forceps	411
STILLE-SHERMAN bone hand drills	298	surgical tissue forceps BROPHY	84	TIP for suction tube	27
STOCKMANN penis clamp	553/1	surgical tissue forceps CUSHING	83	TISCHLER-DOWN biopsy forceps	591
stomach clamp LANE	547	surgical tissue forceps FERRIS-SMITH	85	TISCHLER-KEVORKIAN biopsy forceps	592
stomach/intestinal sutureing apparatus V.PETZ	549	surgical tissue forceps GERALD	87	TISCHLER-MORGAN biopsy forceps	591
stomach-intestinal clamp MIKULICZ	543	surgical tissue forceps GILLIES	86	TISCHLER-MORGAN biopsy forceps	590, 591
STONE forceps	545	surgical tissue forceps LANE	84	TISCHLER-UP biopsy forceps	591
Stone holding clamp	545	surgical tissue forceps OEHLER TC	81/1	tissue forceps	90, 94
STONE-WATT	545	surgical tissue forceps Potts Smith	81	tissue forceps anatomic	81
strabismus forceps BONACCOLTO	385	surgical tissue forceps SEMKEN	86	tissue forceps bipolar	630, 631
strabismus forceps DASTOOR	386	surgical tissue forceps STILLE	81	tissue forceps BONNEY	88
strabismus forceps JAMESON	385	surgical tissue forceps TAYLOR	87	tissue forceps BROWN	83
strabismus forceps McCULLOUGH	385	surgical tissue forceps type USA	81/1	tissue forceps CASTROVIEJO	392
strabismus hook GRAEFE	375	surgical tissue forceps WAUGH	83	tissue forceps DAVIS	227
strabismus hook JAMESON	375	suture fork REDA	221/1	tissue forceps DeBakey	99
STRANDELL-STILLE retractor	157	suture scissors HEATH	66	tissue forceps Gerald	86, 87
STRASSBURGER tissue forceps	89	suture scissors LITTAUER	66	tissue forceps GOMEZ	96
STRATTE needle holder	212	suture scissors NORTHBENT	66	tissue forceps GRAEFE	83
STRAUSS penis clamp	553/1	suture scissors SPENCER	66	tissue forceps jewelry	90
Stripper	202	SWEET applier forceps	326	tissue forceps MAYO	89
STRULLY neuro surgical	65	SYSTRUNK surgical scissors	66	tissue forceps McPHERSON	392
STRUYCKEN nose forceps	427	 T		tissue forceps MOORFIELD	392
SUBRAMANIAN-MINIATURE	521	TABB knives	418	tissue forceps PAUFIGUE	392
suction /irrigation cannula	394	TAKAHASHI nose forceps	427	tissue forceps SINGLEY	88
suction handle WULLSTEIN	338	Tangentialclamp DeBAKEY-SATINSKY	502	tissue forceps STRASSBURGER MODELL	89
suction raspirators GUILLEN	433/1	TARNIER cranioplast	607	tissue forceps type TUEBINGEN	392
suction tube ADSON	337	TARNIER obstetrical forceps	604	tissue forceps ULTRA LIGHT	95
suction tube ANDREW-PYNCHON	28	TAYLOR percussion mallet	24	tissue forceps WAGENSTEEN	89
suction tube BABY-YANKAUER	27	TAYLOR SPINAL hook	291	tissue forceps YASARGIL	97
suction tube BARON	336	TAYLOR surgical tissue forceps	87	tissue forceps St.MARTIN	392
suction tube COOLEY	28	TC scissors FREEMAN	74	tissue grasping forceps CHAPUT	110
suction tube DASTOOR	380			tissue grasping forceps COLLIN	110

tissue grasping forceps TUFFIER	110	towel clamp BACKHAUS-clip	132
titanium clips	549	towel clamp BALL AND SOCKET	133
titanium HALSTED-MOSQUITO hemostatic clamp	105	towel clamp BERNHARD	133
titanium hemostatic clamp CRILE	107	towel clamp DOYEN	133
titanium hemostatic clamp KELLY	106	towel clamp JONES	132
titanium tissue forceps DEBAKEY	99	towel clamp JONES-clip	132
titanium-ATRAUMA-bulldog clamp	102	towel clamp LANE	133
TOBOLD cotton-applicator	203	towel clamp LORNA	133
TOBOLD tongue depressors	453	towel clamp MOYNIHAN	133
TOENNIS dura dissector	332	towel clamp PEERS	132
TOENNIS hemostatic clamp	117	towel clamp ROEDER	132
TOENNIS-ADSON dissecting scissors	65	towel clamp SCHADEL	132
TOHUKU towel clamp	132	towel clamp TOHOKU	132
tongue blade DOUGHTY	458	TOWNLEY caliper	26
tongue depressors	451	TOWNSEND biopsy forceps	591
tongue depressors ANDREW	452	TOWNSEND MINI biopsy forceps	591
tongue depressors BRUENINGS	451	TOWNSEND TISCHLER MINI biopsy forceps	591
tongue depressors BUCHWALD	451	TOYNBEE ear specula	399
tongue depressors DAVIS-BOYLE	455	trachea cannula LUER	479
tongue depressors DINGMANN	456	trachea cannula WAGENER-MOSHER	477
tongue depressors FRENZEL	451	trachea cannulaCHEVALIER-JACK	479
tongue depressors HARTMANN	452	trachea dilator LABORDE	476
tongue depressors KILNER-DOUGHTY	456	trachea dilator TROUSSEAU	476
tongue depressors KROENIG	451	trachea dilator TROUSSEAU-BABY	476
tongue depressors MAYO	451	trachea hook BOSE	476, 477
tongue depressors MORITZ-SCHMIDT	452	trachea hook ITERSON	477
tongue depressors RING	455	trachea hook JACKSON	476
tongue depressors RUSSEL-DAVIS	458	trachea hook NEWS	477
tongue depressors TOBOLD	453	Trachoma forceps KNAPP-LUER	393
tongue depressors WIEDER	452	Transformator	22
tongue forceps COLLIN	453	TRANSFORMER FOR laryngoscope handle	34
tongue forceps YOUNG	453	TRAVERS retractors	172
tonometer SCHIOETZ	394/2	tray	619
tonsil forceps Abraham	468	Tray universal	620
tonsil elevator HENKE	465	TRELAT tonsil needle	466
tonsil elevator HURD	465	TRELAT vaginal specula	571
tonsil elevator LOPEZ-REINKE	465	trocar COAKLEY	204
tonsil elevator YANKAUER	465	trocar DOUGLAS	204
tonsil forceps BALLENGER	467	trocar LICHTWITZ	204
tonsil forceps BLOHMKE	467	trocar NELSON	205
tonsil forceps MARSCHIK	468	trocar OCHSNER	205
tonsil forceps NEGUS	467	trocar PIERCE	204
tonsil forceps SAWTELL	467	trocar UNIVERSAL	204
tonsil forceps SCHNIDT	467	trocarStandard (NELSON)	204
tonsil forceps TYDING	467	TREOLTSCH ear forceps	424
tonsil forceps WHITE	467	TROEMNNER percussion mallet	24
tonsil grasping forceps COLVER	467	TROUSSEAU trachea dilator	476
tonsil knives ABRAHAM	466	TROUSSEAU-BABY trachea dilator	476
tonsil knives BRUENINGS	466	TROUTMAN iris tissue forceps	389
tonsil knives CANFIELD	466	TROUTMAN iris tissue forceps	384, 389
tonsil knives CARPENTER	465	TROUTMAN-CHRIS bladeBREAKERS	45
tonsil knives DOUGLAS	466	tubal catheter	596
tonsil knives FISHER	466	tube milking roller	131
tonsil needle	470	tubing clamp	129
tonsil needle CLAUS	466	tubing clamp HOFFMANN	624
tonsil needle DUPUY-WEISS	466	tubing clamp SIMPLEX	624
tonsil needle NAGER	466	tubing clampBilow-Gunar-Hey	130
tonsil needleTRELAT	466	TÜBINGEN IRIS forceps	387
tonsil scissors	59	TÜBINGEN tissue forceps	392
tonsil scissors BOETTCHER	59	TUFFIER retractor	147
tonsil scissors DEAN	59	TUFFIER rib spreader	487
tonsil scissors GOOD	59	TUFFIER tissue grasping forceps	110
tonsil scissors PRINCE	59	Tumor grasping forceps LANDOLT	341/2
tonsil snare BRUENINGS	468	Tumortissue forceps YASARGIL	97
tonsil snare EVES	468	tuning forc	404
tonsil syringe	470	tuning forc HARTMANN	403
tonsil wire	468	tuning forc LUCAE	404
tonsilotome SLUDER-BALLINGER	470	tuning forc REDA	403
tonsilotome TYDING	469	tuning forc RYDEL-SEIFFERT	404
TOOK corneal scarifier	373	TURNBULL nail forceps	609
Touriquet RUMEL-BELMONT	528	TURREL rectal biopsy forceps	567
towel clamp	133	TYDING tonsil forceps	467
towel clamp BACKHAUS	132	TYDING tonsilotome	469

U	
UCKERMANN cotton-applicator	203
ULRICH bone holding forceps	248
ULRICH dressing forceps	135
Ultra-Light-tissue forceps atrauma	95
umbilical cord COLLIN	605
umbilical cord KANE	605
umbilical cord scissors BRAUN-STADLER	64
umbilical cord scissors BUSCH	64
umbilical cord scissors SCHUMACHER	64
umbilical cord scissors type USA	64
UNI I DIAGNOSTIC-BES	13
UNI III DIAGNOSTIC-BES	15
UNIVERSAL bandage scissors	70
UNIVERSAL endoscope assembly	188
Universal handle HUBER	472
UNIVERSAL sterilization forceps	227
Universal tray	620
UNIVERSAL trocar	204
UNIVERSAL wire scissors	67
UNNA comedone extractor	608
Urethrotome OTIS	553
US army refractor	141
USA anatomic tissue forceps	81
USA type umbilical cord scissors	64
uterine clamp GREEN-ARMYTAGE	605
uterine curette SIMON	594
uterine curette BLAKE	595
uterine curette BUMM	597
uterine curette GOURDET	599
uterine curette RECAMIER	597
uterine curette SCHRÖDER	595
uterine curette SIMS	597
uterine curette THOMAS	599
uterine depressor BRAUN	586
uterine depressor SIMS	586
uterine Dilatator GOODELL	581
uterine Dilatator HANK	580
uterine Dilatator HEGAR	578, 579
uterine Dilatator PRATT	580
uterine Dilatator SIMS	581
uterine Dilatator WYLIE	581
uterine grasping forceps COLLIN	585
uterine grasping forceps DARTIGUES	585
uterine grasping forceps SOMER	585
uterine polyp forceps DOYEN	585
uterine polyp forceps KELLY	585
uterine polyp forceps NOTO	585
uterine-probes COLLIN	586
uterine-probes MARTIN	586
uterine-probes SIMS	586

V	
vaginal specula	569
vaginal specula JACKSON	573
vaginal specula AUWARD	576
vaginal specula BREISKY	577
vaginal specula COLLIN	570
vaginal specula CUSCO	570
vaginal specula DOYEN	574
vaginal specula GRAVE	570
vaginal specula KRISTELLER	572
vaginal specula LANDAU	577
vaginal specula PEDERSON	570
vaginal specula SCHERBAK	575
vaginal specula SEMM	571
vaginal specula SIMS	573
vaginal specula TRELAT	571
vaginal specula VU-MORE	569
VALLEIX probes	586
VAN BUREN bone holding forceps	249
VAN BUREN dilation bougie	554
VAN DOREN biopsy forceps	588

VANNAS eye scissors	79	WEBER aorta clamp	501	YASARGIL aneurysm	349 - 356
VARADY varix instrument.....	202	WEBER cataract loop	378	YASARGIL GALEAhook.....	330
varicose vein probes NABATOFF.....	201	WEBSTER needle holder.....	208	YASARGIL suction tube	337/1
varix instrument VARADY	202	WECKER eye scissors	75	YASARGIL tumor tissue forceps	97
vascular clamp BAINBRIDGE	495/1, 495/2	WECKER iris spatula.....	378	YEOMAN rectal biopsy forceps	566, 567
vascular clamp COOLEY	518, 522	WEEK eye specula	370	YOUNG BOOMERANG	220
vascular clamp DALE	494, 495	WEIL-BLAKESLEY nose forceps	426	YOUNG prostatic hook	550
vascular clamp DARDIK	509/1	WEITLANER retractors	169	YOUNG tongue forceps	453
vascular clamp DEBAKEY	493-500, 502, 505-508, 512-517	WEITLANER-WULLSTEIN retractors.....	169		
vascular clamp DEBAKEY children	516	WELLER dissecting scissors	53/2		
vascular clamp DEBAKEY-MIXTER.....	499/2	WELLS enucleation curette.....	378	Z	
vascular clamp DEBAKEY-RUMEL	499	WERTHEIM gynaecological scissors	63		
vascular clamp DIEFFENBACH.....	104	WERTHEIM hysterectomy clamp	124, 128		
vascular clamp GLOVER	515	WERTHEIM hysterectomy scissors	63		
vascular clamp SATINSKY	491	WERTHEIM-CULLEN hysterectomy clamp	125		
vascular clip BIEMER	361	WEST nose chisels.....	442		
vascular clip MEHDORN	362	WESTCOTT eye scissors	75		
vascular clip MUELLER.....	365	WESTMACOTT nose dressing forceps	424		
vascular scissors DE BAEKY	61	WESTON rectalsnare	566		
vascular scissors DeBakey TC	60	WHEELER cyclodialysis spatula	379		
vascular scissors DIETRICH	60	WHEELER discision knives	373		
vascular scissors FAVALORO	61	WHITE tonsil forceps	467		
vascular scissors KELLY	61	WIBERG raspatoriesIUM	277		
vascular scissors KLINKENBERG-LOTH	65/2	width ruler	594		
vascular scissors POTTS-DE MARTEL	59	WIEDER tongue depressors	452		
vascular scissors POTTS-SMITH	61	WIENER antrum rasp	443		
vascular scissors SATINSKY	65/1	WIENER iris hook	375		
vascular tissue forceps ADLERKREUTZ	84	WIGMORE plaster knives	229		
vascular tissue forceps NELSON	89	WIKSTROM hemostatic clamp	117		
vascular tissue forcepsSTILLE-BARRAYA	88	WILDE polyp snare	411		
vascular-cannula SCHMID	338	WILDE polyp snare	433/2		
vascular-dilator DEBAKEY	529	WILDE(TROELTSCH) ear forceps	410		
vasculardissector ROBB	530	WILDER cataract loop	378		
vasectomy clamp	553/2	WILDER dilator	381		
VERBRUGGE bone holding forceps	245	WILLET MARTEL grasping forceps	110		
VERBRUGGE-MÜLLER bone levers	287	WILLIAMS eye specula	370		
VERESS insufflation cannula	206	WILLIAMS intestinal grasping forceps	539		
VIENNA guide probes	221/1	WILLIAMS screw driver	323		
VIENNA nose specula	421	WILLIGER curette	255, 257		
VIRCHOW POST MORTEM knives	48	WILLIGER mallet	271		
VIRTUS(RALK) splinter forceps	92	WILLIGER raspatories	276		
VOLKMANN bone curettes	251	WINTER ovum forceps	606		
VOLKMANN curette	257	wire basket for endoscope	623		
VOLKMANN retractor	153	wire cutter HERCULES	320/1 - 320/3		
VOLKMANN retractor.....	153, 156	wire dispenser	310		
VOLTOLINI nose specula	421	wire forceps	317 - 320/3		
UV-MORE vaginal specula	569	wire forceps BERRY TC	319		
W		wire forceps CORWIN-HEGAR TC	319		
WACHENFELDT clip tissue forceps	224	wire forceps MAYO-HABERISSER TC	319		
WADSWORTH-TODD	378	wire gauze	311		
WAGENER-MOSHER trachea cannula	477	wire grasping forceps	318		
WAGENR hook	409	wire guide needle DEMEL	315		
WAGNER laminectomy retractor forceps	343	wire instrument DEMEL	315		
Wagner scissors	67	wire instrument LOUTE	315		
WAGNER supercut scissors	72	wiresaw OLIVECRONA	332		
WALDMANN episotomy scissors	64	wirescissors UNIVERSAL	67		
WALLICH ovum curette	607	WITTNER biopsy forceps	589		
WALSHAM septum straightening forceps	449	WOLFF plaster forceps	233		
WALTHER catheter	555	WOODSON dura dissector	333		
WALTON foreign body gouges	374	WORST probes	333		
WALTON comedone extractor	608	wound curette ARRUGA	378		
WALTON Finger ring saw	297	WRIGLEY obstetrical forceps	602		
WANGENSTEEN vascular tissue forceps	89	WULLSTEIN knives	418		
WARTENBERG PINWHEEL	25	WULLSTEIN micro-curette forceps	416		
waste forceps SAUERBRUCH	227	WULLSTEIN retractors	171		
water jet pistol	626	WULLSTEIN suction handle	338		
WATSON DERMATOM	50	WYLIE aortic clamp	501/1, 501/2		
WATSON-CHEYNE	283	WYLIE uterine dilator	581		
WATSON-CHEYNE probes	199				
WATSON-WILLIAMS nose forceps	428				
WAUGH surgical tissue forceps	83				
Y					
YANCOSKIE retractor	198				
YANKAUER suction tube	27				
YANKAUER tonsil dissector	465				

Abraham bisturi para amigdalas	466	Air Injection canula	394	asa Langenbeck	409
Abraham pinza para coger amigdalas	468	alambre de Kirschner	306, 307	asa Shapleigh	410
abre-boca Davis-Boyle.....	455	alambre de Steinmann	307, 308	asa Snellen	378
abre-boca Davis-Meyer.....	457	alambras	306-308	asa Weber	378
abre-boca Denhart	454	Alan-Parks especulo rectal	561	asa Wilder	378
abre-boca Dingmann.....	456	Alderdyne elevador.....	282	Asch pinza para enderezar el tabique nasal	449
abre-boca Doughty-Kilner.....	456	Alexander cincl	259	Aufrecht-Cobra separador	289
abre-boca Doyen-Jansen (Molt).....	454	Alexander gubia.....	259	Aufrecht lima nasal	443
abre-boca Heister.....	454	Alexander periostotomo	276	Aufrecht retractor nasal	447
abre-boca Jansen-Doyen (Molt).....	454	Alexander pinza para biopsia.....	589	Auvard especulo vaginal	576
abre-boca Jennings	454	Alexander-Matson periostotomo	279	Axenfeld cuchilla para chalazion	377
abre-boca Kilner-Doughty	456	alicate corta-uñas	609, 612/2-614	Axenfeld-Mellinger blefarostato	370
abre-boca Koenig-Roser	454	alicate corta-uñas Anvil	613	Ayer pinza para ligadura	393
abre-boca McIvor	457	alicate cuticular	613		
abre-boca Molt (Doyen-Jansen).....	454	alicate Grip	316		
abre-boca Roser-Koenig	454	alicate para cortar uñas Turnbull	609		
aceite para instrumentos InstruCare	635	alicates	316-318, 320		
Adair pinza uterina	582	alicates para alambres	317-320/3		
Adams-Mayo separador	171	alicates para alambres Hercules	320/1-320/3		
adaptador para iluminacion para amnioscopio	600	alicates para cortar alambres	316-320		
adenotomo LaForce	450	Allen pinza para apendice	544		
Adlerkreutz pinza de diseccion	84	Allis pinza intestinal	537		
Adson Anderson separador	172	Allis-Adair pinza intestinal	537		
Adson Baby pinza hemostatica	113	Allis-Baby pinza intestinal	537		
Adson elevador	282	Allis-Judd pinza intestinal	538		
Adson gancho para dura-madre	329	Allis-Lockwood pinza intestinal	538		
Adson pinza de diseccion	81/2, 82	Allison espatula pulmunar	489/2		
Adson pinza de proteccion	298	Allis-Thoms pinza intestinal	538		
Adson pinza gubia.....	236	Alm separador	168		
Adson pinza hemostatica.....	112, 113	Alvis cureta para cuerpos extraños	374		
Adson pinza para hipofisis	334	amigdalotomo Sluder-Ballenger	470		
Adson porta aguja	211	amigdalotomo Tying	469		
Adson separador	172-174	amniotomo	586, 600		
Adson tubo de aspiracion	337	amniotomo Beacham	586		
Adson-Beckmann separador	175	Amsler-Connin marcador	380		
Adson-Brown pinza de diseccion	82	Anderson Adson separador	172		
Adson-DeBakey pinza de diseccion	81/2	Anderson separador	198		
Adson-Toennis tijera	65	Anderson-Neivert cincl nasal	442		
Aebli tijera corneal	58	Andrew baja-lengua	452		
agrafe Michel	224	Andrew-Pynchon tubo de aspiracion	28		
aguja Barbara	419	Anestophon estetoscopio	23		
aguja de disencion Bowman	374	anillo para Kleinsasser	36		
aguja de guia para anestesia	206	anoscopio Chelsea-Eaton	563		
aguja de guia Redon	207	anoscopio Hirschmann	562		
aguja para amigdalas	470	anoscopio Ives-Fansler	562		
aguja para autopsia	268	anteojos para nistagmo Frenzel	20		
aguja para biopsia Menghini	206	Antrum cureta	435		
aguja para catarata	374	Anvil alicate corta-uñas	613		
aguja para cuerpos extraños	374	aparato para suturar estomago y intestinos V. Petz	549		
aguja para cuerpos extraños Davis	374	aproximador de Biemer	366		
aguja para cuerpos extraños Francis	374	aproximador de Biemer-Müller	363		
aguja para cuerpos extraños Levinson	374	aproximador de Müller	364		
aguja para laringe	470	aproximador de Müller-Biemer	363		
aguja para ligadura	218, 219	aproximador para costillas Baby-Bailey	489/1		
aguja para ligadura Cooper	219	aproximador para costillas Bailey	489/1		
aguja para ligadura Deschamps	218	aproximador para costillas Bailey-Baby	489/1		
aguja para ligadura Dick-Schmieden	219	aproximador para costillas Bailey-Gibson	489/1		
aguja para ligadura Kronecker	219	aproximador para costillas Gibson-Bailey	489/1		
aguja para ligadura Nelson	219	aproximador para costillas Sellors	489/1		
aguja para ligadura Schmieden-Dick	219	Archer pinza para espinas	92		
aguja para neumoperitoneo Verres	206	Arlt asa	378		
aguja para paracentesis Lucae	408	Armytage-Green pinza para uterus	605		
aguja para paracentesis Politzer	408	Arruga blefarostato	370		
aguja para sutura amigdalas Dupuy-Weiss	466	Arruga gancho para extraccion	375		
aguja para sutura amigdalas Weiss-Dupuy	466	Arruga pinza capsular	391		
aguja para sutura del paladar Claus	466	Arruga porta aguja	214		
aguja para sutura del paladar Claus-Eicken	466	Arruga protector	378		
aguja para sutura del paladar Eicken-Claus	466	Arruga-Gill pinza capsular	390		
aguja para sutura del paladar Nager	466	Arruga-Kalt porta aguja	214		
aguja para hilo Demel	315	Arthur-Kirby pinza para fijacion	385		
aguja Reverdin	220	articulacion para Kleinsasser	36		
aguja Young Boomerang	220	asa Airt	378		
agujas de sutura	222, 223	asa Billeau	409		

Bane-Hartmann pinza gubia	237	Blake pinza para calculos biliares.....	530/2	Brown pinza de diseccion	83
Bangerter espatula para ciclodialis.....	379	Blake-Mayo pinza para calculos biliares	530/2	Brown porta aguja.....	209
Baracani punta de pinza	472	Blakesley-Weil pinza nasal	426	Browne-Denis separador abdominal	185
Barany ensordecedor	405	blefarostato Arruga.....	370	Bruenings baya-lengua	451
Barbara aguja	419	blefarostato Axenfeld-Mellinger	370	Bruenings bisturi para amigdalas.....	466
Barbara gancho	419	blefarostato Barraquer (Colibri)	370	Bruenings cierranudos	468
Barbon-Lubet pinza nasal	424	blefarostato Bowman	370	Bruenings especulo auricular	401
Barkan cuchillo para goniotomia	373	blefarostato Burch-Lister	370	Bruenings pinza nasal	425
Barnhill cuchillo para vegetaciones adenoides.....	450	blefarostato Clark	370	Bruenings punta de pinza	472
Baron canula de succion	336	blefarostato Colibri (Barraquer)	370	Bruenings tubo de extension	472
Barr especulo rectal	559	blefarostato Critchett	370	Brunetti cinel	268
barra de traccion Gerster	250	blefarostato Graefe	370	Brünings-Lucas cinel.....	260
Barraquer (Colibri) blefarostato	370	blefarostato Lancaster	371	Brünings-Lucas gubia	260
Barraquer (Colibri) pinza para iris.....	384	blefarostato Lister-Burch	370	Brunner costotomo	481
Barraquer Colibri tijera para oftalmologia	75	blefarostato Mellinger	370	Brunner pinza intestinal	543
Barraquer cuchillo para queratoplastica	373	blefarostato Mellinger-Axenfeld	370	Brunner separador	167
Barraquer micro porta aguja	216, 217	blefarostato Murdock	370	Brunner sonda conductora	221, 221/1
Barraquer pinza depilatoria	395	blefarostato Smith	370	Bruns cucharilla cortante	251, 254
Barraquer pinza para fijacion	390	blefarostato Week	370	Brunns tijera para vendaje	70
Barraquer-Katzin pinza para iris	384	blefarostato Williams	370	Bryant pinza para medicacion	137
Barraquer-Trottmann micro porta aguja	216	blefarostato Ziegler	371	Buchwald baja-lengua	451
Barraya-Stille pinza de diseccion	88	blerarostato Castroviejo	371	Buck cureta	407
Barrett pinza uterina	582	blerarostato Liebermann	371	Buck elevador para cuerpos extraños	412
Barton forceps obstetrico	603/2	blerarostato Mueller	371	Buck martillo de percusion	24
Barton tractor	603/2	blerarostato Park	371	Buck-Gramcko elevador	285
Baumgartner porta aguja	208	blerarostato Stevenson	371	Buie canula de aspiracion rectal	566
Beacham amniotomo	586	Blohmke pinza para coger amigdalas	467	Buie-Smidt separador rectal	561
Bechert rotador	379	Blount elevador	288	bujia dilatadora Dittel	554
Beck pinza para anastomosis	516, 520	Blount separador para rodilla	289	bujia dilatadora Guyon	554
Becker quistotomo	375	Blumenthal pinza gubia	236	bujia dilatadora Van Buren	554
Beckmann cuchillo para vegetaciones adenoides	450	Bodenhammer especulo rectal	559	Bülow-Gunar-Hey pinza cierra-tubo	130
Beckmann separador	176	Boerna forceps obstetrico	604	Bumm cureta uterina	597
Beckmann-Adson separador	175	Boettcher tijera para amigdalas	59	Bunell pasador de tendones	294
Beckmann-Eaton separador	176	Böhler estribo para extension	312	Bunell perforador de mano	299
Beer pinza depilatoria	395	Böhler pinza cortante para huesos	241	Bunell separador para tendones	292
Beeson separador para yesos	232	Böhler pinza gubia	238	Bunge cucharilla para exenteracion	378
Bellucci tijera auricula micro	413, 417	Boies elevador	277	Bunt clip para esterilizacion	227, 624
Belmont-Rumel tournique	528	bomba de aire	295	Burch horquilla fijadora	373
Bengolea pinza hemostatica	112	bombilla de repuesto para laringoscopio	29, 30	Burch-Lister blefarostato	370
Bennett elevator	283	bombonas	621	Burford-Finocchietto separador costal	483
Bensaude proctoscopio	565	Bonaccolto pinza para estrabismo	385	Burke pinza para biopsia	590
Benson separador para piloro	544	Boni Mod. pinza para sutura	386	Burrows-Jackson separador	189/2
Berens cuchillo de disision	372	Bonn pinza para sutura	386	Busch tijera para cordon umbilical	64
Bergmann martillo	272	Bonney pinza de diseccion	88	Bushe cucharilla cortante	256
Bergmann tijera para vendaje	69/1	Boomerang Young aguja	220		
Bergmann-Schulze especulo rectal	560	Boomerang Young porta aguja	220	C	
Berke pinza muscular	389	Bose gancho para traqueotomia	477	caja para esterilizacion	618
Berlin Klinikum pinza cierra-tubo	129	Bose separador traqueal	476	caja para instrumentos	617
Berliner martillo de percusion	24	Boucheron especulo auricular	399	calibrador decimal Iwanson	624
Bernhard pinza de campo	133	Bowman aguja de disision	374	calibre	26
Berry pinza para torcer hilo	319	Bowman blefarostato	370	calibre Townley	26
Bethune costotomo	481	Bowman sonda lacrimal	381	Canfield bisturi para amigdalas	466
Beyer pinza gubia	237, 238	Boyle-Davis abre-boca	455	canula Air Injection	394
Biemer proximador	366	Boynton porta aguja	214	canula capsular Jensen	394
Biemer pinza para vasos	361	Boys-Allis pinza intestinal	538	canula de aspiracion para mango de Wullstein y Zöllner	337/1
Biemer-Müller proximador	363	Bozemann pinza porta esponja	138	canula de aspiracion rectal Buie	566
Bier sierra para amputacion	296	Bozemann porta aguja	211	canula de aspiracion para mango de Zöllner y Wullstein	337/1
Bill tractor	604	Bozemann-Douglas pinza porta esponja	138	canula de inyeccion Kleinsasser	36
Billeau asa	409	Brand mondador de tendones	294	canula de irrigacion y aspiracion Bishop-Harmon	394/1
Bill-Lukart tractor	604	Brand pinza de agarre para tendones	293	canula de irrigacion y aspiracion Harmon-Bishop	394/1
Bircher-Ganske pinza para hueso	246	Braun cranioclasto	607	canula de succion Baron	336
Birkett pinza hemostatica	116	Braun depresor uterino	586	canula de succion Kleinssasser	36
Bishop-Harman pinza para iris	386	Braun gancho de decapitacion	607	canula irrigacion Eicken (Kilian)	433
Bishop-Harmon canula de irrigacion y aspiracion	394/1	Braun pinza uterina	582	canula Kilian	433/1
bisturi nasal Joseph	434, 435	Braun-Stadler tijera para episiotomia	64	canula Lacrimal	394
bisturi para amigdalas Abraham	466	brazalete para brazo	295	canula lacrimal McIntyre	394
bisturi para amigdalas Bruenings	466	brazalete para femur	295	canula para lavador vascular Schmid	338
bisturi para amigdalas Canfield	466	Breast separador mamario	198	canula para traqueotomia Chevalier-Jackson	479
bisturi para amigdalas Douglas	466	Breisky especulo vaginal	577	canula para traqueotomia Jackson-Chevalier	479
bisturi para amigdalas Fisher	466	Bridge pinza hemostatica	116	canula para traqueotomia Luer	479
bisturi para fibroma Segond	594	Briston elevador	290		
bisturis	46	Brodie sonda acanalada	199		
Blake cureta uterina	595	Brophy pinza de diseccion	84		

canula para traqueotomia Mosher-Wagener.....	477	cinel nasal Rubin	440	Collin separador	139
canula para traqueotomia Wagener-Mosher.....	477	cinel nasal Sheehan	441	Collin separador abdominal	190
canula Sheets.....	394/2	cinel nasal Silver	442	Collin-Duval pinza de disección	85
canula Simcoe.....	394/2	cinel nasal West	442/1	Collin-Farabeuf periostotomo	274
Carmalt pinza para espinas.....	91	cinel para cuerpos extraños Dix	374	Collin-Hartmann separador	141
Carmalt-Rochester pinza hemostática.....	109	cinel para el tabique nasal Freer	439	Collins-Mayo separador	141
Carroll pinza de agarre para tendones.....	293	cinel para extirpación Rollet.....	374	Colver pinza para coger amigdalas	467
Carpenter cuchillo para amigdales	465	cinel Partsch.....	259	compas marcador Castroviejo	380
Cartilage-Martin tijera.....	65/1	cinel Petersen-Smith	261	Cone pinza sacabocado craneal	331
Casper hemostático	258	cinel rompe-craneo	267	Connin-Amsler marcador	380
Casper separador.....	179	cinel Smith-Petersen	261	Contour-Scalp separador	169
Castaneda pinza vascular para neonatales	527	cinel Stille	260	Converse cuchillo rinoplástico	435
Castroviejo blerarostato	371	cinel tamponador para huesos Passow	260	Converse separador	448
Castroviejo compas marcador	380	Cinelli cinel nasal	441	Cooley pinza atraumática	99
Castroviejo cuchillo para discisión	372	Circumflex micro tijera	76	Cooley pinza para anastomosis	519-520/1, 520/4
Castroviejo dilatador lacrimal	381	Citelli pinza sacabocado	430	Cooley pinza para aorta	520/3
Castroviejo espátula para ciclodialis	379	cizalla para yesos Stille	229	Cooley pinza para catéter	510
Castroviejo pinza capsular	391	clamp atrauma bulldog	100	Cooley pinza vascular	520
Castroviejo pinza para fijación	390	clamp atrauma bulldog DeBakey	100, 103	Cooley pinza vascular de uso múltiple	518-520, 520/2
Castroviejo pinza para sutura	392	clamp atrauma bulldog Glover	100, 103	Cooley pinza vascular pediátrica	522
Castroviejo porta aguja	215	clamp bulldog de Titano.....	102	Cooley separador	148
Castroviejo rompe hojas	45	clamp bulldog DeBakey-Dietrich	101	Cooley separador costal	485, 487
Castroviejo tijera para corneales	79	clamp bulldog Dietrich	101	Cooley-Derra pinza para anastomosis	519
Castroviejo tijera para iridectomía	79	clamp bulldog Dietrich-DeBakey	101	Cooper aguja para ligadura	219
Castroviejo-Micro porta aguja.....	215	clamp umbilical Collin	605	copas graduadas	620
Castroviejo-Standard micro porta aguja	216	clamp umbilical Kane	605	Cordes punta de pinza	472
catéter auricular Hartmann.....	408	Clar lámpara frontal	22	Coronal Blow Lift separador	198
catéter Coxeter.....	555	Clark blefarostato	370	Corwin-Hegar pinza para torcer hilo	319
catéter metálicos	555	Claus aguja para sutura del paladar	466	Coryllos (Thorax) separador	166
catéter Walther	555	Claus-Eicken aguja para sutura del paladar	466	Coryllos costotomo	480
Cattlin cuchillo para amputación	44	Claus-Killian cinel nasal	442/1	Cos pinza auricular micro	414
cauterio Todd-Wadsworth	378	Clayman gancho	376	costotomo	480, 481
cauterio Wadsworth-Todd	378	Cleveland pinza gubia	235	costotomo Bethune	481
Cawood-Minnesota baja-lengua	451	clip para esterilización Bunt	227, 624	costotomo Brunner	481
cepillo para uñas	611	clip para esterilización Mayo	227, 624	costotomo Coryllos	480
cesta de esterilización	622, 623	Clip-Jones pinza de campo	132	costotomo Frey-Sauerbruch	481
Chandler elevador	282	clips para aneurisma Yasargil	345-356	costotomo Giertz-Stille	481
Chaput pinza hemostática	110	clips para vasos de Müller	365	costotomo Gluck	480
Charnley separador abdominal	289	Cloward pinza cortante para laminectomía	342	costotomo Sauerbruch	481
Charron sierra para amputación	296	Cloward separador	178/1-178/4	costotomo Sauerbruch-Frey	481
Cheatle pinza para esterilización	227	Cloward separador para cuerpo vertebral	339	costotomo Stille	480
Chelsea-Eaton anoscopio	563	Cloward separador para tejido cervical	339	costotomo Stille-Giertz	481
Cheron pinza porta esponja	137	coagulación bipolar	628-633	Cottle (Maltz) lima nasal	444
Cherry separador para laminectomía	488	Coakley curta para seno	449	Cottle cinel nasal	440
Chevalier-Jackson canula para traqueotomía	479	Coakley trocar para seno maxilar	204	Cottle cuchillo rinoplástico	435
Chevalier-Jackson pinza para bronco-esofagoscopia	473	Cobb cureta	252	Cottle elevador para el tabique nasal	439
Cheyne-Watson disecador	199	Cobb gubia	262	Cottle especulo nasal	423
Cheyne-Watson elevador	283	Cobb periostotomo	280	Cottle gancho para la piel	448
Childe pinza para aplicar agrafas	224	Cobra-Aufranc separador	289	Cottle Joseph elevador para el tabique nasal	439
cierre-nudo auricular Krause	411	Colclough pinza sacabocado para discos	344/1	Cottle martillo	273
cierre-nudo auricular Wilde	411	Colibri (Barraquer) blefarostato	370	Cottle pinza para columnela	448
cierre-nudo rectal Yeoman	566	Colibri (Troutman) pinza para iris	384	Cottle pinza para fijación	410
cierranudos Bruenings	468	Colibri Barraquer tijera para oftalmología	75	Cottle retractor nasal	447, 447/1
cierranudos Eves	468	Colibri pinza para iris	384	Cottle tijera nasal	59
cierre-tubos Hoffmann	624	College-London pinza dental	93	Cottle tijera para cirugía	56
cierre-tubos Simplex	624	Coller-Crile pinza hemostática	106	Cottle-Kazanjian pinza cortante para huesos	241
cinel	259-261, 264-265	Coller pelvimeter	605	Cottle-Neivert gancho para la piel	448
cinel Alexander	259	Collin porta aguja	208	Coxeter catéter	555
cinel Brunetti	268	Collin clamp umbilical	605	Crafoord pinza hemostática	118
cinel Brünings-Lucas	260	Collin dinamómetro	25	Crafoord tijera pulmonar	65/2
cinel de esternón Lebsche	267	Collin especulo vaginal	570	Crafoord-Sellors pinza hemostática	119
cinel Hibbs	265	Collin histerómetro	586	cranioclasto Braun	607
cinel Lucas-Brünings	260	Collin Loktite separador abdominal	191	cranioclasto Tarnier	607
cinel nasal Anderson-Nevert	442	Collin mango de bisturi	40	Crego elevador	282
cinel nasal Cinelli	441	Collin martillo	270	Crile gancho para nervio	328
cinel nasal Claus-Killian	442/1	Collin pelvimeter	605	Crile pinza hemostática	107
cinel nasal Cottle	440	Collin pinza hemostática	110	Crile porta aguja	213
cinel nasal Fomon	441	Collin pinza para el útero	585	Crile separador	140
cinel nasal Freer	442/1	Collin pinza para guitar agrafas	224	Crile-Coller pinza hemostática	106
cinel nasal Hajek	442/1	Collin pinza para tejido	539	Crile-Murray porta aguja	209
cinel nasal Killian	442/1	Collin pinza porta esponja	137	Crile-Rankin pinza hemostática	107
cinel nasal Kilian-Claus	442/1	Collin pinza tira-lengua	453	Crile-Wood porta aguja	209
cinel nasal Nevert-Anderson	442			Critchett blefarostato	370

Crutchfield perforador inicial.....	327	Davis-Boyle abre-boca.....	455
Crutchfield pinza de traccion craneal	327	Davis-Meyer abre-boca.....	457
cubeta para placenta.....	621/1	Davis-Russel bája-lengua.....	458
cubeta Petri	620	Day gancho auricular	409
cubetas	619-621/1	Dean cuchillo para íris	372
cuchara medicinal	268	Dean tijera para amigdalas	59
cuchara para calculos biliares Desjardins.....	534	Deaver separador	145, 146
cuchara para calculos biliares Fergusson	533	Deaver tijera de disección	52
cuchara para calculos biliares Koerte-Luer	533	Deaver-Grip separador	146
cuchara para calculos biliares Luer-Koerte.....	533	DeBakey clamp atrauma bulldog	100, 103
cuchara para calculos biliares Mayo.....	534	DeBakey dilatador vascular	529
cuchara para calculos biliares Moor	531	DeBakey pinza atraumatica	98, 99
cuchara y gancho Gross	409	DeBakey pinza para anastomosis	505, 515
cucharilla cortante	251-257	DeBakey pinza para aneurisma de la aorta.....	496-498
cucharilla cortante Bruns	251, 254	DeBakey pinza para ligadura	493, 499-500
cucharilla cortante Bushe	256	DeBakey pinza para vasos perifericos	494
cucharilla cortante Daubenspeck	255	DeBakey pinza vascular	
cucharilla cortante Halle	253	de uso multiple	495/2, 507, 508, 514, 515
cucharilla cortante Jacobson	257	DeBakey pinza vascular pediatrica	516, 517
cucharilla cortante Jansen	257	DeBakey porta aguja	210
cucharilla cortante Lempert	256	DeBakey separador	189/1
cucharilla cortante Martini	257	DeBakey tijera	60
cucharilla cortante Reda	256	DeBakey tijera vascular	61
cucharilla cortante Scheide	251	DeBakey-Bahinson pinza para aneurisma	506
cucharilla cortante Scoville	253	DeBakey-Dietrich clamp bulldog	101
cucharilla cortante Spinal	253	DeBakey-Mixer pinza para ligaduras	499/2
cucharilla cortante Spratt	251	DeBakey-Morris pinza para la aorta	506
cucharilla cortante Volkmann	251, 257	DeBakey-Mosquito pinza hemostatica	509
cucharilla cortante Williger	255, 257	DeBakey-Pean pinza hemostatica atraumatica	513
cucharilla para aborto Cuzzi	606	DeBakey-Rankin pinza hemostatica atraumatica	512
cucharilla para aborto Wallach	607	DeBakey-Rumel pinza para ligaduras	499
cucharilla para cataratas Daniel	377	DeBakey-Satinsky pinza para occlusion tangencial	502
cucharilla para cataratas Graefe	377	DeBakey-Semb pinza para ligadura y la aorta	499
cucharilla para cataratas Knapp	378	DeBoer separador costal	486
cucharilla para chalazion Axenfeld	377	Decker pinza cortante para laminectomia	341
cucharilla para chalazion Hebra	377	dedal	311
cucharilla para chalazion Meyhoefer	377	Dejerine martillo de percusion	24
cucharilla para exenteracion Bunge	378	DeLee especulo vaginal	574
cucharilla uterina Simon	594	DeLee forceps obstetrico	602
cuchara para sangre	268, 621	DeMartel guia conductora	330
cuchillo auricular Politzer	408	DeMartel-Wolfson pinza para anastomosis	546
cuchillo auricular Sexton	408	DeMartel-Wolfson pinza para cerrar clamps	546
cuchillo corneal Elschnig	373	DeMartel-Wolfson porta-clamps	546
cuchillo corneal Gill	373	Demel aguja pasa-hilo	315
cuchillo corneal Took	373	Demel tensor de cierra-hilo	315
cuchillo de discision Berens	372	Denhart abre-boca	454
cuchillo de discision Jaeger	372	Denis-Browne separador abdominal	185
cuchillo de hoz Reda	435	depresor para epiglotis Reichert	471
cuchillo interoseo	44	depresor uterino Braun	586
cuchillo para amigdalas Carpenter	465	depresor uterino Sims	586
cuchillo para amputacion Catlin	44	Derf porta aguja	208
cuchillo para amputacion Langenbeck	44	dermatomo Humby	50
cuchillo para amputacion Liston	44	dermatomo Schink	49
cuchillo para amputacion Reda	44	dermatomo Silver	50
cuchillo para autopsia	48	dermatomo Watson	50
cuchillo para autopsia Virchow	48	Derra pinza para anastomosis	515
cuchillo para cataratas Deutschmann	371	Derra-Cooley pinza para anastomosis	519
cuchillo para cataratas Graefe	371	D'Errico separador para la raiz de nervios	329/2
cuchillo para cerebro Virchow	48	Deschamps aguja para ligadura	218
cuchillo para discision Wheeler	373	Desjardins cuchara para calculos biliares	534
cuchillo para discision Castroviéjo	372	Desjardins explorador para calculos biliares	531
cuchillo para discision Graefe	372	Desjardins pinza hemostatica	121
cuchillo para discision Ziegler	373	Desjardins pinza para calculos biliares	530/2
cuchillo para falanges	44	Desmarres pinza para chalazion	393
cuchillo para goniometria Barkan	373	Desmarres separador	151
cuchillo para goniometria Scheie	373	desoblitador de vena	202
cuchillo para iris Dean	372	destornillador	323, 324
cuchillo para iris Knapp	372	destornillador Lane	323, 324
cuchillo para iris Ziegler	372	destornillador Williams	323
cuchillo para organos	48	Deutschmann cuchillo para cataratas	371
cuchillo para peristio	47	Devibliss pinza sacabocado craneal	332
cuchillo para queratoplastica Barraquer	373	diapason Hartmann	403
cuchillo para queratoplastica Paufique	373	diapason Reda	403

diaposon Lucae	404	Dupuy-Weiss aguja para sutura amigdalas	466	elevador para el tabique nasal Joseph Cottle	439
diaposon Rydel-Seiffert..	404	Durante pinza de disección.....	88	elevador para el tabique nasal Kilian	438, 439
diaposon Seiffert-Rydel..	404	Duval pinza de disección	85	elevador para el tabique nasal Masing	437
diaposones.....	403, 404	Duval pinza para tejido.....	539	elevador para el tabique nasal McKenty	437, 438
Dick-Schnieden aguja para ligadura.....	219	Duval-Collin pinza de disección.....	85	elevador para el tabique nasal Pennington	438
Dieffenbach serra-fina.....	104	E		elevador para el tabique nasal Pierce	438
Dieter pinza auricular micro	414	Eastman-Richardson separador	142	elevador para el tabique nasal Roger	437
Dietrich clamp bulldog	101	Eaton-Cheesla anoscopio	563	elevador Sayre	281
Dietrich pinza para la aorta	510	Echlin pinza gubia	240	elevador Trethewan Lane	290
Dietrich tijera vascular	60	ECO "T" y "C" estuche de diagnostico	16	elevador Verbrugge-Müller	286/2
Dietrich-DeBakey clamp bulldog	101	Eicken (Kilian) canula irrigación	433	elevador Watson-Cheyne	283
dilatador lacrimal Castroviejo	381	Eicken-Claus aguja para sutura del paladar	466	Elliott forceps obstetrico	603
dilatador lacrimal Wilder	381	electrocirugia	628-634	Ellis gubia para cuerpos extraños	374
dilatador lacrimal Ziegler	381	elevador	281-291	Elschnig cuchillo corneal	373
dilatador para conductos biliares Bakes.....	532	elevador Adson	282	Elschnig espátula para ciclodialis	379
dilatador para el seno Halle-Ritter	433	elevador Alderdryce	282	Elschnig pinza capsular	391
dilatador para el seno Ritter-Halle	433	elevador auricular Jansen-Zaufal	409	Elschnig pinza para fijacion	389
dilatador traqueal Baby-Trousseau	476	elevador auricular Zaufal.....	409	Emmet gancho para fistulas	594
dilatador traqueal Laborde	476	elevador auricular Zaufal-Jansen	409	empujador de alambres Erich	461/2
dilatador traqueal Trouseau-Baby	476	elevador Bennett	283	Engel sierra para vendajes enyesados	229
dilatador uterino Goodell	581	elevador Blount	288	ensordecedor Barany	405
dilatador uterino Hank	580	elevador Boies	277	Enucleation tijera	58
dilatador uterino Hegar	578, 579	elevador Bristol	290	Epker osteotomo	464/2
dilatador uterino Pratt	580	elevador Buck-Gramcko	285	Eppendorfer pinza para biopsia	590
dilatador uterino Sims	581	elevador Chandler	282	Erich empujador de alambres	461/2
dilatador uterino Wylie	581	elevador Cheyne-Watson	283	escariador	304
dilatador vascular DeBakey	529	elevador Crego	282	escariador Perthes	304
dinamómetro Collin	25	elevador Dingman	463/3	esclerotomo Guyton-Lundsgaard	373
Dingman elevador	463/3	elevador Gramcko-Buck	285	esclerotomo Lundsgaard	373
Dingman peristomoto	463	elevador Hohmann	284, 285	escofina nasal Miller	444
Dingmann abre-boca	456	elevador Hohmann Mini	286	escofina nasal Peet	446
Dingmann pinza para hueso	246	elevador Hohmann-Lange	286	escofina nasal Wiener	443
Diplomat esfigmomanómetro	5	elevador Key	282	escupidora	621/1
disecador Cheyne-Watson	199	elevador König	284	esfigmomanómetro Babyphon	10
disecador corneal Green	374	elevador Lane	290	esfigmomanómetro Diplomat	5
disecador corneal Paton	373	elevador Lane Trethewan	290	esfigmomanometro Exacta-Spezial	8
disecador para el saco lacrimal Lang	378	elevador Lane-Murphy	283	esfigmomanometro Minimus II	11
disecador vascular Robb	530	elevador Lange-Hohmann	286	esfigmomanometro Minimus III	12
disecador Watson-Cheyne	199	elevador Lempert	420	esfigmomanometro Nova	7
disector Fisch	420	elevador Masing	437	esfigmomanometro Nova-Presameter	6
disector Gorney	277	elevador McDonald	283	esfigmomanometro Precisa	9
dispensador de cepillos	611	elevador Mini Hohmann	286	esfigmomanometro Presameter-Nova	6
dispensador para brocas filiformes	310	elevador Müller-Verbrugge	286/2	esfigmomanometro Spezial-Exacta	8
Dittel bujía dilatadora	554	elevador Murphy-Lane	283	Esmarch cuchillo para vendaje enyesado	233
Dix cincel para cuerpos extraños	374	elevador Obwegeser	461/1	Esmarch tijera para vendaje	69/2
Dix instrumento para cuerpo extraño	380	elevador para amigdalas Reinke-Lopez	465	Esmarch vendaje de compresion	296
Doren pinza para biopsia	588	elevador para amigdales Henke	465	espatula	143/1-144, 203, 336-337,
Doughty baja-lengua	458	elevador para amigdales Hurd	465369, 378-379, 489/2, 530, 552, 612/1	
Doughty-Kilner abre-boca	456	elevador para amigdales Lopez-Reinke	465	espatula abdominal Haberer	143/3
Douglas bisturi para amigdalas	466	elevador para amigdales Yankauer	465	espatula abdominal Kader	143/3
Douglas pinza depilatoria	395	elevador para cuerpos extraños Buck	412	espatula abdominal Kümmel	143/4, 144
Douglas trocar	204	elevador para cuerpos extraños Quire	412	espatula abdominal Ribbon	143/1
Douglas-Bozemann pinza porta esponja	138	elevador para duramadre	332, 333	espatula cerebral Cushing	336, 369
Down-Mini-Townsend pinza para biopsia	591	elevador para duramadre Davis	332	espatula cerebral Davis	337
Down-Tischler pinza para biopsia	591	elevador para duramadre Frazier	333	espatula cerebral Heifetz	369
Doyen especulo vaginal	574	elevador para duramadre Hoen	333	espatula cerebral Olivecrona	336
Doyen estilete acanalado	199	elevador para duramadre Horsley	333	espatula Locke	612/1
Doyen peristomoto	278	elevador para duramadre Milligan	332	espatula para ciclodialis Bangerter	379
Doyen pinza de campo	133	elevador para duramadre Olivecrona	332	espatula para ciclodialis Castroviejo	379
Doyen pinza intestinal	540	elevador para duramadre Penfield	333	espatula para ciclodialis Elschnig	379
Doyen pinza para polipos uterinos	585	elevador para duramadre Sachs	332	espatula para ciclodialis Hirschman	379
Doyen separador	163	elevador para duramadre Toennis	332	espatula para ciclodialis Wheeler	379
Doyen separador abdominal	189/1	elevador para duramadre Woodson	333	espatula para enucleacion Wells	378
Doyen tijera ginecologica	63	elevador para el tabique nasal Ballenger	439	espatula para iris Wecker	378
Doyen tirabuzón para fibroma	594	elevador para el tabique nasal Ballyer-Hajek	439	espatula para la intima Robb	530
Doyen-Baby pinza intestinal	540	elevador para el tabique nasal Cottle	439	espatula pulmarn Allison	489/2
Doyen-Jansen (Molt) abre-boca	454	elevador para el tabique nasal Joseph	439	espatula vesical Kocher	552
Doyen-Stille separador	167	elevador para el tabique nasal Freer	437	espatula vesical Legueu	552
Dubois tijera ginecologica	63	elevador para el tabique nasal Hajek-Ballenger	439	espatulas abdominales	143-144
Duehrsen pinza de disección	84	elevador para el tabique nasal Hall	437	espatulas para la intima	530-530/1
Duplay pinza porta-esponja	134	elevador para el tabique nasal Howarth	438	especulo auricular	399-402
Duplay pinza uterina	582	elevador para el tabique nasal Joseph	437	especulo auricular Boucheron	399
Duplex stetoscopio	23				

especulo auricular Bruenings	401	estuche de diagnostico Ri-Mini	17	forceps obstetrico Elliot	603
especulo auricular Gruber	399	estuche de diagnostico Uni I	13	forceps obstetrico Kielland	602
especulo auricular Hartmann	399	estuche de diagnostico Uni II	14	forceps obstetrico Kielland-Luikart	603
especulo auricular Holmgren-Richnau	400	estuche de diagnostico Uni III	15	forceps obstetrico Luikart	603
especulo auricular Politzer	399	estuche para autopsia	269	forceps obstetrico Luikart-Kielland	603
especulo auricular Richnau-Holmgren	400	estuche para esterilizar agujas	615	forceps obstetrico Luikart-McLean-Tucker	603/1
especulo auricular Siegle	402	estuche para sutura Standard	226	forceps obstetrico Luikart-Simpson	603
especulo auricular Toynebee	399	Eves cierranudos	468	forceps obstetrico McLean	603/1
especulo endocervical Kogan	577	Exacta-Spezial esfigmomanómetro	8	forceps obstetrico McLean-Tucker	603/1
especulo Friedmann	477, 577	Excenter Reda tijera para vendaje	69/2	forceps obstetrico McLean-Tucker-Luikart	603/1
especulo nasal	421-423	explorador para calculos biliares Desjardins	531	forceps obstetrico Naegle	603
especulo nasal Cottle	423	explorador para calculos biliares Moynihan	531	forceps obstetrico Piper	604
especulo nasal Halle-Hartmann	421	extractor Künschers	322	forceps obstetrico Simpson	602
especulo nasal Halle-Tieck	423	extractor/impactor para clavos	321-322/1	forceps obstetrico Simpson-Braun	602
especulo nasal Hartmann	422	F		forceps obstetrico Simpson-Luikart	603
especulo nasal Hartmann-Halle	421	face lift tijera Freeman	73	forceps obstetrico Tarnier	604
especulo nasal Kilian	423	face lift tijera Gorney	73	forceps obstetrico Tucker-Luikart-McLean	603/1
especulo nasal Mod. Vienna	421	face lift tijera Joseph Peck	73	forceps obstetrico Tucker-McLean	603/1
especulo nasal Reda	423	face lift tijera Kaye	73	forceps obstetrico Wrigley	602
especulo nasal Thudichum	421	face lift tijera Peck Joseph	73	forceps obstetricos Luikart-McLean	603/1
especulo nasal Tieck-Halle	423	face lift tijera Rees	73	forceps obstetricos McLean-Luikart	603/1
especulo nasal Vienna Mod.	421	Fansler proctoscopio	564	forceps obstetricos Thierry	603
especulo nasal Voltolini	421	Fansler-ives anoscopio	562	Fogareg juego de laringoscopio	31
especulo rectal	559-561	Farabeuf peristomoto	274	Foregger laringoscopio	29
especulo rectal Alan-Parks	561	Farabeuf pinza para hueso	243	Fox cureta para lupus	608
especulo rectal Barr	559	Farabeuf separador	139	Fox-Goldmann tijera para encias	67
especulo rectal Bergmann-Schulze	560	Farabeuf-Collin peristomoto	274	Fraenkel pinza para laringe	471
especulo rectal Bodenhammer	559	Farabeuf-Lambotte pinza para hueso	243	Fraenkel punta de pinza	472
especulo rectal Czerny	559	Farrell porta-algodon	203	Francis aguja para cuerpos extraños	374
especulo rectal Ferguson-Hill	560	Faulkner cureta	449	Frazier elevador para duramadre	333
especulo rectal Hill-Ferguson	560	Faure pinza para biopsia	588	Frazier ganchito	148/2
especulo rectal Mathieu	560	Faure pinza para peritoneo	123	Frazier separador abdominal	181
especulo rectal Parks-Alan	561	Favalor tijera vascular	61	Frazier/Fergusson tubo de aspiracion	337
especulo rectal Pratt	559	Favalor-Morse separador costal	484	Freeman separador	198
especulo rectal Sawyer	560	Fehland pinza intestinal	542	Freeman tijera face lift	73
especulo rectal Schulze-Bergmann	560	Feilchenfeld pinza para espinas	91	Freer cincel nasal	442/1
especulo rectal Sims	559	Feldheim pinza para huesos	249	Freer cincel para el tabique nasal	439
especulo vaginal	569-577	Ferguson especulo rectal	560	Freer cuchilla para tabique nasal	434
especulo vaginal Auvard	576	Ferguson cuchara para calculos biliares	533	Freer elevador para el tabique nasal	437
especulo vaginal Breisky	577	Ferguson pinza hemostatica	109	Freer ganchos para la piel	448
especulo vaginal Collin	570	Ferguson pinza para hueso	243	Frenzel anteojos para nistagmo	20
especulo vaginal Cusco	570, 571	Ferguson tijera para intestino	66	Frenzel baya-lengua	451
especulo vaginal Delee	574	Ferguson tubo de aspiracion	337	Frey-Sauerbruch costotomo	481
especulo vaginal Doyen	574	Ferguson/Frazier tubo de aspiracion	337	Friedmann especulo	477, 577
especulo vaginal Grave	570	Ferreria separador para cirugia plastica	197	Friedmann micro pinza gubia	234
especulo vaginal Jackson	573	Ferris-Smith pinza cortante para laminectomia	343	Friedmann mini pinza gubia	234
especulo vaginal Joll	477, 577	Ferris-Smith pinza de diseccion	85	Friedmann pinza gubia	234
especulo vaginal Kallmorgen	573	Ferris-Smith-Kerrison pinza sacabocado		Friedmann separador	477, 577
especulo vaginal Kristeller	572	para discos intervertebral	344, 344/2		
especulo vaginal Landau	577	Finochietto pinza bronquial	490		
especulo vaginal More-Vu	569	Finochietto porta aguja	211		
especulo vaginal O'Connor-O'Sullivan	576	Finochietto separador costal	482, 484		
especulo vaginal O'Sullivan-O'Connor	576	Finochietto-Burford separador costal	483		
especulo vaginal Pederson	570	Finochietto-Rienhoff separador costal	486		
especulo vaginal Scherbak	575	Finsen separador	168		
especulo vaginal Semm	571	Fisch disector	420		
especulo vaginal Sims	573	Fisch gancho para duramadre	335		
especulo vaginal Trelat	571	Fischer pinza para iris	384		
especulo vaginal Vu-More	569	Fish sonda	199		
espejo laringeo	423, 473	Fisher bisturi para amigdalas	466		
espejo laringeo Michel	423	Forster pinza para iris	383		
estetoscopio Anestophon	23	Forster porta esponjas	136		
estetoscopio Duplex	23	Fomon cincel nasal	441		
estetoscopio Pinard	23	Fomon ganchito nasal	447/1		
estilete abotonado	199	Fomon lima nasal	444, 445		
estilete acanalado abotonado	199	Fomon peristomoto	277		
estilete acanalado Doyen	199	Fomon tijera nasal	58		
estilete hoja mirte	199	Fomon tijera para rinoplastia	65/1		
estribo para extension Böhler	312	forceps obstetrico Barton	603/2		
estribo para extension Kirschner	312	forceps obstetrico Boerma	604		
estribo para extension Kirschner U.S.	312	forceps obstetrico Braun-Simpson	602		
estribo para extension U.S. Kirschner	312	forceps obstetrico DeLee	602		
estuche de diagnostico ECO "T" y ECO "C"	16				

gancho Kirschner	313
gancho Klapp	150
gancho Knapp	375
gancho McGee	419
gancho muscular	267, 375
gancho muscular Green	375
gancho obstetrico Smellie	605
gancho para cristalino Stevens	375
gancho para duramadre	335
gancho para duramadre Adson	329
gancho para duramadre Fisch	335
gancho para estrabismo Graefe	375
gancho para estrabismo Jameson	375
gancho para extraccion Arruga	375
gancho para fistulas Emmet	594
gancho para galea Yasargil	330
gancho para iris O'Conner	375
gancho para iris Wiener	375
gancho para la piel Cottle	448
gancho para la piel Cottle-Neivert	448
gancho para la piel Freer	448
gancho para la piel Gillies	448
gancho para la piel Neivert-Cottle	448
gancho para las alas de la nariz Lange	448
gancho para nervio Crile	328
gancho para nervio Cushing	328
gancho para nervio Dandy	328
gancho para nervio Graham	329
gancho para nervio Krayenbühl	336
gancho para nervio Sachs	329
gancho para nervio Smithwick	329
gancho para sacar el inserto I.U.D.	593
gancho para traqueotomia Bose	477
gancho para traqueotomia Iterson	477
gancho para traqueotomia Jackson	476
gancho para traqueotomia News	477
gancho Reda	150
gancho Rollet	375
gancho Rosen	419
gancho Shambaugh	419
gancho Sinskey	376
gancho y cuchara Gross	409
ganchos	419
garrote de madera Maunder	459
Gass gancho	376
Gauss pinza para peritoneo	605
Gaylor-Thomas pinza para biopsia	588
Geissendorfer-Overholt pinza hemostatica	114
Gelpi separador perineal	189/1, 189/2
Gemini pinza hemostatica	115
Gerald pinza de diseccion	86, 87
Gerster barra de traccion	250
Gerzog martillo	270
Gibbon-Bailey aproximador para costillas	489/1
Giertz-Stille costotomo	481
Gigli mango para sierra hilo	332
Gill cuchillo corneal	373
Gill pinza para iris	384
Gill-Arruga pinza capsular	390
Gill-Hess pinza para iris	384
Gillies gancho para la piel	448
Gillies pinza de diseccion	86
Gillies porta aguja	212
Gil-Vernet separador	152
Glover clamp atrauma bulldog	100, 103
Glover pinza para uso multiple	515
Gluck costotomo	480
Goelet separador	141
Goldman-Fox tijera para encias	67
Gomel micro tijera	80
Gomel pinza para microcirugia	96
goniometro Moeltgen	25
goniometro para dedos	25

Good tijera para amigdalas	59
Goodell dilatador uterino	581
Gorney disector	277
Gorney tijera face lift	73
Gosset separador abdominal	181
Gourdure cureta uterina	599
Gradle pinza depilatoria	395
Gradle tijera para oftalmologia	57
Graefe blefarostato	370
Graefe cuchilla para cataratas	377
Graefe cuchillo para cataratas	371
Graefe cuchillo para disision	372
Graefe gancho	148/2
Graefe gancho para estrabismo	375
Graefe pinza de diseccion	83
Graefe pinza para fijacion	389
Graefe pinza para iris	382
Graefe quistotomo	375
Graefe tijera para cirugia	56
Graham gancho para nervio	329
Graig pinza para tabique nasal	426
grapa para cuero cabelludo Raney	327
grapas	326
grapas de plata	326
Grave especulo vaginal	570
Gray pinza hemostatica	121
Green disecador corneal	374
Green gancho muscular	375
Green pinza para fijacion	390
Green separador	160
Green-Armstrong pinza para uterus	605
Green-Langenbeck separador	153
Green-Senn separador	153
Gregoire pinza intestinal	538
Gregory pinza atraumatica	517
Greven pinza auricular micro	414
Grip alicate	316
Grip Kelly separador	142
Grip Richardson separador	142
Grip-Deaver separador	146
Gross cuchara y gancho	409
Gross-Maier pinza porta-esponja	134
Gruber especulo auricular	399
Gruenwald-Jansen pinza nasal	424
Gruenwald-Love pinza cortante para laminectomia	340
gubia	259-265
gubia Alexander	259
gubia Brünings-Lucas	260
gubia Cobb	262
gubia Hibbs	265
gubia Lexer	263
gubia Lexer Mini	263
gubia Lucas-Brünings	260
gubia Mini Lexer	263
gubia para cuerpos extraños Ellis	374
gubia para cuerpos extraños Walton	374
gubia Partsch	259
gubia Petersen-Smith	261
gubia Smith-Petersen	261
gubia Stille	260
gubia Zielke	264
guia-conductora DeMartel	330
guia-conductora para clavos medulares	321
Guilen legra de succion	433/1
Gunar-Hey-Bülow pinza cierra-tubo	130
Guthrie gancho	148/2
Guyon bujia dilatadora	554
Guyon mandril para cateter	554
Guyon pinza hemostatica	122
Guyon-Mayo pinza hemostatica	122
Guyton-Lundsgaard esclerotomo	373

H	
Haberer espatula abdominal	143/3
Haberisser-Mayo pinza para torcer hilo	319
Haglund-Stille separador para yesos	232
Haight separador costal	487
Hajek cincel nasal	442/1
Hajek martillo	273
Hajek-Ballenger elevador para el tabique nasal	439
Hajek-Kofler pinza cortante	429
Hajek-Kofler pinza sacabocado	431
Halle cuchilla cortante	253
Halle elevador para el tabique nasal	437
Halle-Hartmann especulo nasal	421
Halle-Ritter dilatador para el seno	433
Halle-Tieck especulo nasal	423
Halsey porta aguja	208
Halsted-Mosquito pinza hemostatica	105
Hank dilatador uterino	580
Hargis separador para el borde anterior	463
Hargis separador para el cuerpo mandibular	463/6
Harken pinza auricular	503
Harms sonda	381
Harrington pinza bronquial	490
Harington separador	147
Harrington-Pemberton separador	147
Hartmann baya-lengua	452
Hartmann cateter auricular	408
Hartmann diapason	403
Hartmann especulo auricular	399
Hartmann especulo nasal	422
Hartmann pinza auricular	411
Hartmann pinza hemostatica	104
Hartmann pinza nasal	424, 427
Hartmann pinza para polipos	412
Hartmann-Collin separador	141
Hartmann-Halli especulo nasal	421
Hartmann-Hoffmann pinza para polipos	412
Hartmann-Wulstein pinza para polipos	412
Hasson separador	143
Haugh pinza auricular micro	414
Haverfield-Scoville separador para laminectomia	196
Hayes pinza para anastomosis	545
Heaney pinza para histerectomy	126
Heaney porta aguja	210
Heaney separador	164
Heany cureta para biopsia	587
Heany-Ballentine pinza para histerectomy	127
Heath martillo	273
Heith tijera para ligadura	66
Heath-Richter pinza para guitar agrafes	224
Hebra cuchilla para chalazion	377
Hegar dilatador uterino	578, 579
Hegar-Corwin pinza para torcer hilo	319
Hegar-Mayo porta aguja	209
Hegar-Olsen porta aguja	212
Hegenbarth pinza para aplicar agrafes	224
Heifetz espatula cerebral	369
Heimring pinza para calculos renales	536
Heiss pinza hemostatica	112
Heister abre-boca	454
hemostatico	258, 259
hemostatico Caspar	258
Henke elevador para amigdalen	465
Henley separador	170
Hennig separador para yesos	232
Hepp-Scheidel micro tijera	78
Hercules alicates para alambres	320/1-320/3
Herrick pinza para pediculio	123
Hess pinza capsular	391
Hess pinza para iris	384
Hess separador para la raiz de nervios	329/1
Hess-Gill pinza para iris	384
Hey-Bülow-Gunar pinza cierra-tubo	130

Heymann pinza nasal	425	instrumento para vendaje enyesado Reda	232	juego para varices Nabatoff	201
Heymann tijera nasal	58	instrumentos para manicura	612, 612/1	Juers pinza auricular micro	414
Heymann-Knight pinza nasal	425	instrumentos para medir	594	Jurasz pinza para polipos laringeos	471
Heywood-Smith pinza hemoroidal	567	instrumentos para tracheotomia	475		
Hibbs cincel	265	Iowa pinza uterina	584	K	
Hibbs gubia	265	Iris tijera para cirugia	54/2	Kabierske lanzapolvo	405
Hibbs osteotomo	265	Iris tijera supercut	72	Kader espátula abdominal	143/3
Hibbs separador	164	Israel separador	162	Kalmorgen especulo vaginal	573
Hill-Ferguson especulo rectal	560	Iterson gancho para traqueotomia	477	Kalt pinza capsular	391
hilos para huesos	314	Ives-Fansler anoscopio	562	Kalt porta aguja	214
Hirschman espatula para ciclodialis	379	Iwanson calibrador decimal	624	Kalt-Arruga porta aguja	214
Hirschmann anoscopio	562			Kane clamp umbilical	605
histerometro Collin	586	J		Kantrowitz pinza hemostatica	119/1
histerometro Martin	586	Jackson especulo vaginal	573	Kaye tijera face lift	73
histerometro Sims	586	Jackson gancho para traqueotomia	476	Kay-Lambert pinza para anastomosis	505
histerometro Valleix	586	Jackson laringoscopio	37	Kazanjian-Cottle pinza cortante para huesos	241
Hoen elevador para duramadre	333	Jackson pinza de agarre para tendones	292	Kelly Grip separador	142
Hoesel porta aguja	213	Jackson pinza para tapones	471	Kelly pinza hemostatica	106
Hofer separador para pilar	465	Jackson portador de luz	37	Kelly pinza para polipos uterinos	585
Hoffmann cierra-tubos	624	Jackson separador traqueal	476	Kelly proctoscopio	562, 563
Hoffmann-Hartmann pinza para polipos	412	Jackson-Burrows separador	189/2	Kelly separador	142, 164
Hoglund-Lowman pinza para huesos	249	Jackson-Chevalier canula para traqueotomia	479	Kelly tijera vascular	61
Hohmann elevador	284, 285	Jackson-Chevalier pinza para bronco-esofagoscopia	473	Kelly-Rankin pinza hemostatica	106
Hohmann mini elevador	286	Jacobs pinza uterina	583	Kern pinza para hueso	244
Hohmann-Lange elevador	286	Jacobson porta aguja	215	Kerrison pinza cortante	428
hoja de repuesto para dermatomo	49, 50	Jacobson cucharilla cortante	257	Kerrison-Ferris-Smith pinza sacabocado	
hojas de afeitar	45	Jacobson sonda abotonada	335	para discos intervertebral	344, 344/2
hojas de bisturí, esteril	42	Jaeger cuchillo de discisión	372	Kevorkian cureta para biopsia	587
hojas de cincel intercambiables	266	Jaeger placa para pارداد	371	Kevorkian pinza para biopsia	589, 591
hojas de osteotomo intercambiables	266	Jameson gancho para estrabismo	375	Kevorkian-Pacific pinza para biopsia	592
Hoke osteotomo	265	Jameson pinza para estrabismo	385	Kevorkian-Tischler pinza para biopsia	592
Holinger laringoscopio	37	Jansen cucharilla cortante	257	Key elevador	282
Holinger portador de luz	37	Jansen pinza gubia	237	Keyes trepano	608
Holmgren-Richnac especulo auricular	400	Jansen pinza nasal	424	Kielland forceps obstetrico	602
Holsher separador para la raíz de nervios	329/1	Jansen separador	168	Kielland-Luikart forceps obstetrico	603
Holth pinza para capsulorídectom	380	Jansen-Doyen (Molt) abre-boca	454	Kilian (Eicken) canula irrigacion	433
Holzbach pinza para histerectomia	126	Jansen-Gruenwald pinza nasal	424	Kilian canula	433/1
Holzheimer separador	168	Jansen-Middleton pinza para el tabique nasal	430	Kilian cincel nasal	442/1
Hopkins cuchilla para vendaje enyesado	233	Jansen-Zaufel elevador auricular	409	Kilian elevador para el tabique nasal	438, 439
Hopkins-Johns pinza hemostatica	120	Jansen-Zaufel pinza gubia	238	Kilian especulo nasal	423
Hopkins-Johns serra-fina	104	Jarcho pinza uterina	583	Kilian tijera para septo	471
Horne-Jobson porta-algodon	203	Javid pinza para shunt carotido	511	Kilian-Claus cincel nasal	442/1
horquilla fijadora Burch	373	Jennings abre-boca	454	Kilner gancho cutaneo	608
Horsley elevador para duramadre	333	Jensen canula capsular	394	Kilner porta aguja	212
Horsley-Stille pinza cortante para huesos	242	jerina	406, 407, 470	Kilner retractor nasal	447/1
Hösel separador	167	jerina auricular Reiner	406	Kilner tijera para cirugia	54/1
Hospital-Providence pinza hemostatica	106	jerina para amigdalas	470	Kilner/Ragnell tijera supercut	72
House cureta	420	Jobson-Horne porta-algodon	203	Kilner-Doughty abre-boca	456
House sonda para mediar	420	Johns-Hopkins pinza hemostatica	120	Kirby-Arthur pinza para fijacion	385
House tubo de aspiracion	337/2	Johns-Hopkins serra-fina	104	Kirk martillo	270
Howarth elevador para el tabique nasal	438	Joll especulo vaginal	477, 577	Kirschner alambre	306, 307
Huber mango universal	472	Joll separador	477, 577	Kirschner estribo para extension	312
Hudson perforador de mano	299	Jones pinza de campo	132	Kirschner gancho	313
Hulka pinza uterina	583	Jones-Clip pinza de campo	132	Kirschner perforador de mano	299
Humby dermatomo	50	Jones-Leland pinza para vasos perifericos	495	Kirschner separador abdominal	185, 187, 187/1
Hunter pinza para espinas	91	Jonson porta aguja	211	Kirschner sonda conductora	221
Hurd elevador para amigdalen	465	Jorgensen tijera de disección	53	Kirschner soporte de esterilización para alambres	305
I		Joseph lima nasal	443	Kirschner U.S. estribo para extension	312
I.U.D. gancho para sacar el inserto	593	Joseph bisturi nasal	434, 435	Klapp gancho	150
iman ocular Reda	395	Joseph Cottle elevador para el tabique nasal	439	Kleinert-Kutz ganchito	149
impactor final Kuentscher	321	Joseph elevador para el tabique nasal	437	Kleinert-Kutz pinza de agarre para tendones	294
impactor/extractor para clavos	321-322/1	Joseph ganchito	149	Kleinert-Kutz pinza gubia	237
Inge separador para cuerpo vertebral	339	Joseph lima para hueso	443	Kleinassner anillo	36
Ingrown instrumento para uña	612/1	Joseph Peck tijera face lift	73	Kleinassner articulacion	36
InstruCare aceite para instrumentos	635	Joseph periostotomo	277	Kleinassner canula de inyeccion	36
instrumento para circuncision	556	Joseph sierra nasal	446	Kleinassner canula de succion	36
instrumento para circuncision Mogen	556	Joseph tijera para cirugia	54/1	Kleinassner laringoscopi operativo	35
instrumento para cuerpo extraños Dix	380	Judd-Allis pinza intestinal	538	Kleinsasser portador de luz fria	36
instrumento para cuerpo extraños LaForce	374	Judd-Masson separador vesical	552	Kleinsasser soporte pectoral	36
instrumento para el fragmento de la uña	612/1	juego de laringoscopio Foregger	31	Kleinschmidt pinza para apendice	544
instrumento para uña Ingrown	612/1	juego de manicura para enfermeras	609	Klinikum Berlin pinza cierra-tubo	129
instrumento para varices Varady	202	juego de recambio para alicate Hercules	320/1-320/3	Klinkenberg-Loth tijera vasija	65/2
				Knapp cucharilla para cataratas	378

Knapp cuchillo para iris.....	372
Knapp gancho.....	375
Knapp tijera para cirugía.....	55
Knapp-Luer pinza para tracoma.....	393
Knight pinza nasal	425
Knight-Heymann pinza nasal	425
Knowles tijera para vendaje	70
Kocher espátula vesical	552
Kocher pinza hemostática.....	108
Kocher pinza intestinal.....	540
Kocher separador	155, 159, 160, 163
Kocher sonda para bocio.....	479
Kocher-Langenbeck separador.....	159
Koenig sonda conductora.....	221/1
Koenig-Roser abre-boca	454
Koerte separador.....	162
Koerte-Luer cuchara para calculos biliares	533
Kofler-Hajek pinza cortante	429
Kofler-Hajek pinza sacabocado	431
Kogan especulo endocervical	577
König elevador	284
König periostotomo	276
König separador	153
Koos micro cuchillo	335
Körte separador	143/3
Krause cierra-nudo auricular.....	411
Krause polipotomo.....	433/2
Krause punta de pinza	472
Krause-Voss polipotomo	433/2
Krayenbühl gancho para nervios	336
Kristeller especulo vaginal	572
Kroenig baja-lengua	451
Kronecker aguja para ligadura	219
Kuentscher impactor final	321
Kuglen manipulador	376
Kümmel espátula abdominal	143/4, 144
Kümmel separador abdominal	143/4
Küntscher extractor	322
Küntscher perforador para femur.....	321
Küntscher perforador para la cavidad medular	321
Kutz-Kleinert ganchito	149
Kutz-Kleinert pinza de agarre para tendones	294
Kutz-Kleinert pinza gubia	237
 L	
L&M separador intra oral	463/4
Laborde dilatador traqueal	476
Lacrimar canula	394
LaForce adenotomo	450
LaForce instrumento para cuerpos extraños	374
LaGrange tijera para encías	69
LaGrange tijera supercut	72
Lahey ganchito	149
Lahey pinza hemostática	119/2, 120
Lahey pinza para agarrar el bocio	479
Lahey separador	157
Lambert pinza para chalazion	393
Lambert-Kay pinza para anastomosis	505
Lambert-Lowman pinza para huesos	249
Lambotte osteotomo	261
Lambotte periostotomo	274
Lambotte pinza para hueso	244
Lambotte-Farabeuf pinza para hueso	243
lampara frontal Clar	22
lampara halogena	29
Lancaster blefarostato	371
Landau especulo vaginal	577
Landau-Segond pinza para histerectomia	125
Landolt pinza para tumores	341/2
Lane destornillador	323, 324
Lane elevador	290
Lane palanca para doblar placas	325
Lane pinza de campo	133

Lane pinza de disección	84
Lane pinza estomacal	547
Lane pinza para huesos	244
Lane pinza para sostener placas	325
Lane pinza para sostener tornillos	325
Lane Trethowan elevador	290
Lane-Murphy elevador	283
Lang disecador para el saco lacrimal	378
Lange gancho para las alas de la nariz	448
Lange punta de pinza	472
Lange-Hohmann elevador	286
Langenbeck asa	409
Langenbeck cuchillo para amputación	44
Langenbeck cuchillo para resección	47
Langenbeck periostotomo	275
Langenbeck pinza para hueso	243
Langenbeck porta aguja	213
Langenbeck separador	158, 159
Langenbeck sierra para amputación	296
Langenbeck-Green separador	153
Langenbeck-Kocher separador	159
Langenbeck-Parker / Us Army separador	141
lanzapolvo Kabierske	405
laringoscopio Foregger	29
laringoscopio Hollinger	37
laringoscopio Jackson	37
laringoscopio McIntosh	29
laringoscopio Miller	30
laringoscopio operativo Kleinsasser	35
Larsen pinza para tendones	292
Lawrence pinza hemostática	119
Lebsche cincel de esternón	267
Lees pinza bronquial	504
legra de succión Guilen	433/1
Legueu espátula vesical	552
Legueu separador vesical	553
Leksell (Stille) pinza gubia	240
Leland-Jones pinza para vasos periféricos	495
Lempert cucharilla cortante	256
Lempert elevador	420
Lempert pinza gubia	237
Lerche pinza de disección	83
Leriche pinza hemostática	111
Leriche separador intestinal	143/4
Lester pinza para fijación	389
Levinson aguja para cuerpos extraños	374
Lewin pinza para hueso	246
Lewis (Joseph) lima nasal	443
Lexer Baby tijera de disección	53
Lexer gubia	263
Lexer Mini gubia	263
Lexer Mini osteotomo	263
Lexer osteotomo	263
Lexer trocar de disección	53
Leyla separador de sistema	368-368/3
Lezna Obwegeser	463, 463/3
Lichtenberg porta aguja	213
Lichtwitz trocar para seno maxilar	204
Liebermann blerarostato	371
ligador para hemorroides	568
ligador para hemorroides McGivney	568
ligador para hemorroides Rudd	568
lima nasal Aufrecht	443
lima nasal Cottle (Maltz)	444
lima nasal Fomon	444, 445
lima nasal Joseph (Lewis)	443
lima nasal Lewis (Joseph)	443
lima nasal Maltz	443, 444
lima nasal Maltz (Cottle)	444
lima para hueso Joseph	443
lima para huesos	294, 443-446, 612/1
lima para huesos Putti	294
lima para seno Gallaher	446
lima para uñas	610
Lister (Sinus) pinza porta esponja	137
Lister tijera para vendaje	69/1
Lister tijera supercut	72
Lister-Burch blefarostato	370
Liston cuchillo para amputación	44
Liston pinza cortante para huesos	241
Liston-Ruskin pinza cortante para huesos	241
Liston-Stille pinza cortante para huesos	242
Littauer pinza auricular	411
Littauer pinza depilatoria	395
Littauer pinza para polípos	425
Littauer tijera para ligadura	66
Little separador	157
Little tijera para cirugía	55
Littlewood pinza intestinal	538
Loktite Collin separador abdominal	191
London-College pinza dental	93
Lopez-Reinke elevador para amigdalas	465
Lorenz tijera para vendaje	70
Lorna pinza para campo	133
Loth-Klinkenberg tijera vasija	65/2
Loute tensor de cierre-hilo	315
Love separador para la raíz de nervios	329/2, 330
Love separador para uvula	465
Love-Gruenwald pinza cortante para laminectomia	340
Lovelace pinza hemostática	109
Lovelace pinza para coger el pulmón	490
Lower pinza hemostática	120
Lowman pinza para huesos	249
Lowman-Hoglund pinza para huesos	249
Lowman-Lambert pinza para huesos	249
Lubet-Barbon pinza nasal	424
Luc pinza nasal	426
Lucae aguja para paracentesis	408
Lucae diapos	404
Lucae gancho abotonado	409
Lucae martillo	271
Lucae pinza auricular	410
Luer canula para traqueotomía	479
Luer pinza gubia	236
Luer separador	140
Luer-Knapp pinza para tracoma	393
Luer-Koerte cuchara para calculos biliares	533
Luer-Stille pinza gubia	239
Luikart forceps obstétrico	603
Luikart-Bill tractor	604
Luikart-Kielland forceps obstétrico	603
Luikart-McLean-Tucker forceps obstétrico	603/1
Lundsgaard esclerotomo	373
Lundsgaard-Guyton esclerotomo	373
Luunitschek tamponeador	465
 M	
Magill pinza para introducir cateter	28
Maier-Gross pinza porta-esponja	134
Maingot pinza para histerectomia	123/1, 123/2
malla de alambre	311
Maltz (Cottle) lima nasal	444
Maltz lima nasal	443, 444
mamaria separador	486/1
mandril	300
mandril para cateter Guyon	554
mango bisturí Mini	41
mango bisturíes	38-41
mango con iluminación para proctoscopio Morgan	565
mango de acople rápido	301
mango de aspiración Wullstein	338

mango de bisturi Collin	40	Mayo-Noble tijera de disección	52/1	Millin pinza para ligadura	551
mango de pila para laringoscopio	32-34	Mayo-Robson pinza intestinal	541	Millin pinza para lobo anterior	551
mango para cincel/gubia	266	Mayo-Stille tijera de disección	52/1	Millin separador cuello vejiga	553
mango para espejo laringeo	473	Mayo-Stille tijera supercut	71	Millin separador vesical	552
mango para sierra hilo Gigli	332	McCullough pinza para estrabismo	385	Mini Friedmann pinza gubia	234
mango universal Huber	472	McDonald elevador	283	Mini Hohmann elevador	286
manquito de cierre Stone-Watt	545	McGee gancho	419	Mini mango de bisturi	41
manquito de cierre Watt-Stone	545	McGee pinza auricular micro	414	Mini Roux separador	140
manipulador Kuglen	376	McGivney ligador para hemorroides	568	Mini-Lambotte osteotomo	262
manometro	295	McGivney pinza para hemorroides	568	Minimus II esfigmomanometro	11
manopla de plomo	250	McIndoe pinza cortante para huesos	241	Minimus III esfigmomanometro	12
marcador Amsler-Connin	380	McIndoe pinza de disección	85	Mini-Townsend-Down pinza para biopsia	591
marcador Connin-Amsler	380	McIndoe tijera para cartílago	65/1	Mini-Townsend-Up pinza para biopsia	591
Marquardt pinza gubia	239	McIntosh juego de laringoscopio	31	Minnesota-Cawood baja-lengua	451
Marschik pinza para amigdalas	468	McIntosh laringoscopio	29	Mixer Baby pinza hemostatica	119/1
Martel pinza hemostatica	110	McIntyre canula lacrimal	394	Mixer pinza hemostatica	116, 119/1-120
Martel Willet pinza hemostatica	110	McIvor abre-boca	457	Mixer pinza para calculos biliares	530/2, 531
martillo	24, 270-273	McKenty elevador para el tabique nasal	437, 438	Mixer-DeBakey pinza para ligaduras	499/2
martillo Bergmann	272	McKenzie pinza aplicadora	326	Mixer-O'Shaughnessy pinza hemostatica	119/2
martillo Collin	270	McLean forceps obstetrico	603/1	Mixer-OverHolt pinza hemostatica	115
martillo Cottle	273	McLean-Luikart forceps obstetricos	603/1	Mod. Bonn pinza para sutura	386
martillo de percusion Babinsky	24	McLean-Tucker forceps obstetrico	603/1	Mod. Muenchen cureta para biopsia	587
martillo de percusion Berliner	24	McLean-Tucker-Luikart forceps obstetrico	603/1	Mod. Tübingen pinza para ligadura	392
martillo de percusion Buck	24	McPherson pinza para ligadura	392	Mod. Tübingen pinza para sutura	386
martillo de percusion Taylor	24	Mead martillo	271	Mod. USA tijera para cordón umbilical	64
martillo de percusion Treemner	24	Mead pinza gubia	235	Mod. Vienna especulo nasal	421
martillo Gerzog	270	Meeker pinza hemostatica	119	Moeltgen goniometro	25
martillo Hajek	273	Mehdorn pinza para vasos	362	Mogen instrumento para circuncision	556
martillo Heath	273	Mellinger blefarostato	370	Mollison separador	171
martillo Kirk	270	Menghini aguja para biopsia	206	Molt (Doyen-Jansen) abre-boca	454
martillo Lucae	271	meniscotomo Neff	292	Molt periotomoto	276
martillo Mead	271	meniscotomo Smillie	292	mondador de tendones Brand	294
martillo Ombredanne	273	Mercedes separador toracico	489	monopolares pinza	634
martillo Partsch	271	Meriam pinza dental	93	Moor cuchara para calculos biliares	531
martillo Quisling	271	Metzenbaum porta aguja	211	Moore perforador de mano	298
martillo Williger	271	Metzenbaum tijera de disección	53/1	Moore-Staude pinza uterina	582
Martin histerometro	586	Metzenbaum tijera para cirugia	54	Moorfield pinza para sutura	392
Martin pelvimetero	605	Metzenbaum tijera supercut	71	More-Vu especular vaginal	569
Martin pinza para cartílago	246	Meyer pinza para huesos	248	Morgan proctoscopio	565
Martin separador	175/1	Meyer-Davis abre-boca	457	Morgan-Tischler pinza para biopsia	590, 591
Martin-Cartilage tijera	65/1	Meyerding separador	157, 177, 180	Moritz-Schmidt baja-lengua	452
Martini cucharilla cortante	257	Meyhofer cucharilla para chalazion	377	Morris separador	164
Masing elevador	437	Michel agrafe	224	Morris-DeBakey pinza para la aorta	506
Masing elevador para tabique nasal	437	Michel espejo laringeo	423	Morse separador costal	484
Masing retracto nasal	447	Michel pinza para aplicar agrafes	224	Morse-Favalon separador costal	484
Masing-Neivert retracto nasal	447	Michel pinza para aplicar y quitar agrafes	224	Mosher-Wagener canula para traqueotomia	477
Masson porta aguja	210	micro cuchillo Koos	335	Mosquito-DeBakey pinza hemostatica	509
Masson-Judd separador vesical	552	Micro Friedmann pinza gubia	234	Mosquito-Halsted pinza hemostatica	105
Mastin pinza muscular	479	micro pinza	86, 94	Moynihan explorador apra calculos biliares	531
Mathieu especulo rectal	560	micro pinza auricular	413-415	Moynihan pinza de campo	133
Mathieu pinza para cuerpos extraños	553/1	micro porta aguja Barraquer	216, 217	Moynihan pinza hemostatica	120
Mathieu porta aguja	213	micro porta aguja Barraquer-Troutman	216	Mueller blerarostato	371
Mathieu separador	141	micro porta aguja Castroviejo-Standard	216	Muenchen Mod. cureta para biopsia	587
Mathieu-Olsen porta aguja	212	micro porta aguja Standard-Castroviejo	216	Müller aproximador	364
Matson periotomoto	279	micro porta aguja Troutman-Barraquer	216	Müller clip para vasos	365
Matson-Alexander periotomoto	279	micro tijera	76-78	Müller-Verbrugge elevador	286/2
Maunder garrot de madera	459	micro tijera Circumflex	76	Mummery-Lockhart sonda para fistula	200
Maxi Grasper pinza para biopsia	593	micro tijera Gomel	80	Murdock blefarostato	370
May oftalmoscopio Uni II	14	micro tijera Hepp-Scheidel	78	Murphy separador	156
Mayfield pinza gubia	238	micro tijera Reda	77, 80	Murphy-Lane elevador	283
Mayo baja-lengua	451	micro tijera Scheidel-Hepp	78	Murray-Chile porta aguja	209
Mayo clip para esterilizacion	227, 624	Micro-Castroviejo porta aguja	215	Museux pinza uterina	583
Mayo cuchara para calculos biliares	534	Microvascular porta aguja	210	Myles pinza nasal	427
Mayo pinza de disección	89	Middeldorf separador	160		
Mayo sonda para calculos biliares	534	Middleton-Jansen pinza para el tabique nasal	430		
Mayo tijera de disección	52/1	Mikulicz pinza intestinal	543		
Mayo tijera supercut	71	Mikulicz pinza para peritoneo	123		
Mayo-Adams separador	171	Mikulicz separador	163		
Mayo-Blake pinza para calculos biliares	530/2	Miller laringoscopio	30		
Mayo-Collins separador	141	Miller-Senn separador	143		
Mayo-Guy pinza hemostatica	122	Milligan elevador para duramadre	332		
Mayo-Haberisser pinza para torcer hilo	319	Millin pinza de agarre para capsula	550, 551		
Mayo-Hegar porta aguja	209				

Negus soporte de pecho.....	459
Neivert porta aguja.....	208
Neivert-Anderson cincel nasal	442
Neivert-Cottle gancho para la piel	448
Neivert-Masing retractor nasal.....	447
Netalon sonda	199
Nelson (Standard) trocar abdominal	204
Nelson aguja para ligadura	219
Nelson pinza de disección	89
Nelson trocar	205
Neonatal pinza vascular	523
News gancho para traqueotomía	477
Nissen pinza hemostática	113
Noble-Mayo tijera de disección	52/1
Norfolk / Norwich separador	172
Northbent tijera.....	66
Norwich / Norfolk separador	172
Noto pinza para polípos uterinos	585
Nova esfigmomanómetro	7
Novak cureta aspiradora para biopsia uterina	587
Nova-Presameret esfigmomanómetro	6
Noyes pinza para polípos	425
Noyes tijera para iris.....	75
 O	
Obwegeser elevador	461/1
Obwegeser gancho de mentón	461/1
Obwegeser lezna	463, 463/3
Obwegeser osteotomo	463
Obwegeser osteotomo de hoja.....	464/1
Obwegeser periostotomo	462
Obwegeser separador mandibular	461/1
Obwegeser separador para partes blandas	460
Ochsner pinza de disección	88
Ochsner trocar	205
Ochsner-Rochester pinza hemostática	108
O'Conner gancho para iris	375
O'Connor-O'Sullivan especulo vaginal	576
O'Connor-O'Sullivan separador abdominal	181
Oehler pinza de disección	81/1
oftalmoscopio May Uni II	14
Oldberg pinza cortante para laminectomía	341/1
oliva auricular	406
oliva auricular Politzer	406
Olivcrona elevador para duramadre	332
Olivcrona espátula cerebral	336
Olivcrona pinza gubia	237
Olivcrona sierra hilo	332
Olivcrona-Toennis pinza aplicadora	326
Ollier separador	162
Olsen-Hegar porta aguja	212
Olsen-Mathieu porta aguja	212
Ombredanne martillo	273
O'Shaughnessy-Mixer pinza hemostática	119/2
osteotomo	259-267, 464
osteotomo de hoja Obwegeser	464/1
osteotomo Epker	464/2
osteotomo Hibbs	265
osteotomo Hoke	265
osteotomo Lambotte	261
osteotomo Lambotte-Mini	262
osteotomo Lexer	263
osteotomo Lexer Mini	263
osteotomo Mini Lexer	263
osteotomo Mini-Lambotte	262
osteotomo Obwegeser	463
osteotomo Still	260
Ostroem pinza sacabocado	430
O'Sullivan-O'Connor especulo vaginal	576
O'Sullivan-O'Connor separador abdominal	181
Otis uretromó ...	553
otoscopio Uni I	13
Overholz pinza hemostática	114

Overholz-Baby pinza hemostática	114
Overholz-Geissendoerfer pinza hemostática	114
Overholz-Mixter pinza hemostática	115
 P	
Pacific-Kevorkian pinza para biopsia	592
palanca para doblar placas Lane	325
Palmer-Pozzi pinza uterina	582
Park bilarostato	371
Parker separador	139
Parker-Langenbeck / Us Army separador	141
Partsch cincel	259
Partsch gubia	259
Partsch martillo	271
pasador de tendones Bunell	294
Passow cincel tamponador para huesos	260
Patella pinza para huesos	248
Paton disecador corneal	373
Pauifique cuchillo para queratoplastica	373
Pauifique pinza para ligadura	392
Payr pinza intestinal y estomacal	548
Payr sonda conductora	221/1
Payr-Baby pinza intestinal y estomacal	548
Payr-Schmidied sonda conductora	221
Pean pinza hemostática	108, 110
Pean-DeBakey pinza hemostatica atraumatica	513
Pean-Rochester pinza hemostatica	108
Peapod pinza cortante para laminectomía	341/1
Peck Joseph tijera face lift	73
Pederson especulo vaginal	570
Peers pinza de campo	132
Peet escopina nasal	446
Peet pinza para espinas	92
Pelkmann pinza porta esponja	137
pelvometro Collier	605
pelvometro Collin	605
pelvometro Martin	605
Pemberton-Harrington separador	147
Penfield elevador para duramadre	333
Pennington elevador para el tabique nasal	438
Pennington pinza hemostatica	109
Percy retractor para amputación	296
perforacaneo Smelle	607
perforador de mano	298-300, 304
perforador de mano Bunell	299
perforador de mano Hudson	299
perforador de mano Kirschner	299
perforador de mano Moore	298
perforador de mano Ralk	300
perforador de mano Reda	300
perforador de mano Sherman-Stille	298
perforador de mano Stille	298
perforador de mano Stille-Sherman	298
perforador inicial Crutchfield	327
perforador medular	322
perforador para femur Kuntscher	321
perforador para la cavidad medular Kuntscher	321
periostotomo	274-280, 463-464
periostotomo Alexander	276
periostotomo Alexander-Matson	279
periostotomo Cobb	280
periostotomo Collin-Farabeuf	274
periostotomo Dingman	463
periostotomo Doyen	278
periostotomo Farabeuf	274
periostotomo Farabeuf-Collin	274
periostotomo Fomon	277
periostotomo Hargis	463/2
periostotomo Joseph	277
periostotomo König	276
periostotomo Lambotte	274
periostotomo Langenbeck	275
periostotomo Matson	279
periostotomo Matson-Alexander	279
periostotomo Molt	276
periostotomo Obwegeser	462
periostotomo Quervain	275
periostotomo Sebileau	275
periostotomo Sedillot	274, 275
periostotomo Seldin	277
periostotomo Semb	278
periostotomo Williger	276
Perkins separador	168
Perthes escarador	304
Pestalozza cureta para aborto	606
Petersen-Smith cincel	261
Petersen-Smith gubia	261
Petersen-Smith pinza gubia	238
Petri cubeta	620
Phaneuf pinza para peritoneo	123
Pierce elevador para el tabique nasal	438
Pierce trocar para seno maxilar	204
pieza de acompañamiento para cureta aspiradoras	600
Piffard cureta para lupus	608
Pinard estetoscopio	23
pinza aplicadora	104
pinza aplicadora de clips	524, 525
pinza aplicadora McKenzie	326
pinza aplicadora Olivecrona-Toennis	326
pinza aplicadora Raney	327
pinza aplicadora Smithwick	326
pinza aplicadora Sweet	326
pinza aplicadora Toennis-Olivecrona	326
pinza atraumatica Cooley	99
pinza atraumatica DeBakey	98, 99
pinza atraumatica Gregory	517
pinza atraumatica Reda	111
pinza atraumatica Rogers	127
pinza auricular Harken	503
pinza auricular Hartmann	411
pinza auricular Littauer	411
pinza auricular Lucae	410
pinza auricular micro	413-415
pinza auricular micro Cos	414
pinza auricular micro Dieter	414
pinza auricular micro Greven	414
pinza auricular micro Haugh	414
pinza auricular micro Juers	414
pinza auricular micro McGee	414
pinza auricular micro Wullstein	416
pinza auricular Tilley	411
pinza auricular Troeltsch (Wilde)	410
pinza auricular Wilde (Troeltsch)	410
pinza autocentradora para sostener huesos Reda	247
pinza bronquial	126
pinza bronquial Finocietto	490
pinza bronquial Harrington	490
pinza bronquial Lees	504
pinza bronquial Price-Thomas	490
pinza bronquial Semb	491
pinza bronquial Thomas-Price	490
pinza capsular Arruga	391
pinza capsular Arruga-Gill	390
pinza capsular Castroviejo	391
pinza capsular Elschnig	391
pinza capsular Fuchs	391
pinza capsular Gill-Arruga	390
pinza capsular Hess	391
pinza capsular Kalt	391
pinza capsular Schweigger	391
pinza capsular Terson	391
pinza cierra-tubo	129, 130
pinza cierra-tubo Berlin Klinikum	129
pinza cierra-tubo Bülow-Gunar-Hey	130
pinza cierra-tubo Gunar-Hey-Bülow	130
pinza cierra-tubo Hey-Bülow-Gunar	130

pinza cierra-tubo Klinikum Berlin	129	pinza de diseccion Duehrsen	84	pinza gubia Ruskin-Stille	239
pinza cierra-tubo Presbyterian	129	pinza de diseccion Durante	88	pinza gubia Sauerbruch	240
pinza circular	432	pinza de diseccion Duval	85	pinza gubia Scaglietti	240
pinza cortante Hajek-Kotfler	429	pinza de diseccion Duval-Collin	85	pinza gubia Semb	240
pinza cortante Kerison	428	pinza de diseccion Ferris-Smith	85	pinza gubia Smith-Petersen	238
pinza cortante Kotfler-Hajek	429	pinza de diseccion Gerald	86, 87	pinza gubia Stellbrink	234
pinza cortante para hipofisis	341	pinza de diseccion Gillies	86	pinza gubia Stille (Leksell)	240
pinza cortante para huesos Böhler	241	pinza de diseccion Graefe	83	pinza gubia Stille-Luer	239
pinza cortante para huesos Cottle-Kazanjan	241	pinza de diseccion Lane	84	pinza gubia Stille-Ruskin	239
pinza cortante para huesos Horsley-Stille	242	pinza de diseccion Lerche	83	pinza gubia Zaufal-Jansen	238
pinza cortante para huesos Kazanjan-Cottle	241	pinza de diseccion Mayo	89	pinza hemoroidal Heywood-Smith	567
pinza cortante para huesos Liston	241	pinza de diseccion McIndoe	85	pinza hemoroidal Smith-Heywood	567
pinza cortante para huesos Liston-Ruskin	241	pinza de diseccion modelo ruso	85	pinza hemostatica Adson	112, 113
pinza cortante para huesos Liston-Stille	242	pinza de diseccion modelo Strassburger	89	pinza hemostatica Adson Baby	113
pinza cortante para huesos McIndoe	241	pinza de diseccion Nelson	89	pinza hemostatica atraumatica DeBakey-Mosquito	509
pinza cortante para huesos Ruskin-Liston	241	pinza de diseccion Ochsner	88	pinza hemostatica atraumatica DeBakey-Pean	513
pinza cortante para huesos Semb	242	pinza de diseccion Oehler	81/1	pinza hemostatica atraumatica DeBakey-Rankin	512
pinza cortante para huesos Stamm	241	pinza de diseccion Potts-Smith	81, 81/1	pinza hemostatica atraumatica Mosquito-DeBakey	509
pinza cortante para huesos Stille-Horsley	242	pinza de diseccion Semken	86	pinza hemostatica atraumatica Pean-DeBakey	513
pinza cortante para huesos Stille-Liston	242	pinza de diseccion Singley	88	pinza hemostatica atraumatica Rankin-DeBakey	512
pinza cortante para laminectomia Cloward	342	pinza de diseccion Smith-Ferris	85	pinza hemostatica Baby Adson	113
pinza cortante para laminectomia Cushing	340	pinza de diseccion Smith-Potts	81, 81/1	pinza hemostatica Baby Mixter	119/1
pinza cortante para laminectomia Decker	341	pinza de diseccion Standard	81, 81/1	pinza hemostatica Baby-Overholt	114
pinza cortante para laminectomia Ferris-Smith	343	pinza de diseccion Stille	81, 81/1	pinza hemostatica Bairbridge	119/2
pinza cortante para laminectomia Gruenwald-Love	340	pinza de diseccion Stille-Barraya	88	pinza hemostatica Bengolea	112
pinza cortante para laminectomia Love-Gruenwald	340	pinza de diseccion Taylor	87	pinza hemostatica Birkett	116
pinza cortante para laminectomia Oldberg	341/1	pinza de diseccion Taylor-Cushing	87	pinza hemostatica Bridge	116
pinza cortante para laminectomia Peapod	341/1	pinza de diseccion USA	81, 81/1	pinza hemostatica Carmalt-Rochester	109
pinza cortante para laminectomia Schlesinger	342	pinza de diseccion Wageneesten	89	pinza hemostatica Chaput	110
pinza cortante para laminectomia Smith-Ferris	343	pinza de diseccion Waugh	83	pinza hemostatica Collier-Crile	106
pinza cortante para laminectomia Spurling	340	pinza de proteccion Adson	298	pinza hemostatica Collin	110
pinza cortante para laminectomia Wagner	343	pinza de reduction Reda	247	pinza hemostatica Crafoord	118
pinza cuticular	610	pinza de relojero	90	pinza hemostatica Crafoord-Sellors	119
pinza de agarre	305	pinza de rodillos	131	pinza hemostatica Chile	107
pinza de agarre para capsula Millin	292-294, 550, 551	pinza de traccion craneal Crutchfield	327	pinza hemostatica Chile-Coller	106
pinza de agarre para prostata Young	550	pinza dental College-London	93	pinza hemostatica Chile-Rankin	107
pinza de agarre para tendones	292, 293	pinza dental London-College	93	pinza hemostatica Dandy	109
pinza de agarre para tendones Brand	293	pinza dental Meriam	93	pinza hemostatica Desjardins	121
pinza de agarre para tendones Carroll	293	pinza depilatoria Barraquer	395	pinza hemostatica Ferguson	109
pinza de agarre para tendones Jackson	292	pinza depilatoria Beer	395	pinza hemostatica Fuchsigt	113
pinza de agarre para tendones Kleinert-Kutz	294	pinza depilatoria Douglas	395	pinza hemostatica Geissendorfer-Overholt	114
pinza de agarre para tendones Kutz-Kleinert	294	pinza depilatoria Gradle	395	pinza hemostatica Gemini	115
pinza de agarre para tendones Steinmann	292	pinza depilatoria Littauer	395	pinza hemostatica Gray	121
pinza de aplicacion	357-360	pinza depilatoria Reda	395	pinza hemostatica Guyon	122
pinza de campo	132, 133	pinza estomacal Lane	547	pinza hemostatica Guyon-Mayo	122
pinza de campo Backhaus	132	pinza gubia Adson	236	pinza hemostatica Halsted-Mosquito	105
pinza de campo Backhaus-Clip	132	pinza gubia Bane-Hartmann	237	pinza hemostatica Hartmann	104
pinza de campo Bernhard	133	pinza gubia Beyer	237, 238	pinza hemostatica Heiss	112
pinza de campo Clip-Backhaus	132	pinza gubia Blumenthal	236	pinza hemostatica Hopkins-Johns	120
pinza de campo Clip-Jones	132	pinza gubia Böhler	238	pinza hemostatica Hospital-Providence	106
pinza de campo Doyen	133	pinza gubia Cleveland	235	pinza hemostatica Johns-Hopkins	120
pinza de campo Jones	132	pinza gubia Echlin	240	pinza hemostatica Kantrowitz	119/1
pinza de campo Jones-Clip	132	pinza gubia Friedmann	234	pinza hemostatica Kelly	106
pinza de campo Lane	133	pinza gubia Friedmann Micro	234	pinza hemostatica Kelly-Rankin	106
pinza de campo Moynihan	133	pinza gubia Friedmann Mini	234	pinza hemostatica Kocher	108
pinza de campo Peers	132	pinza gubia Frykholm	240	pinza hemostatica Lahey	119/2, 120
pinza de campo Roeder	132	pinza gubia Hartmann-Bane	237	pinza hemostatica Lawrence	119
pinza de campo Schaedel	132	pinza gubia Jansen	237	pinza hemostatica Leriche	111
pinza de campo Tóhoku	132	pinza gubia Jansen-Zaufal	238	pinza hemostatica Lovelace	109
pinza de diseccion	81-89	pinza gubia Kleinert-Kutz	237	pinza hemostatica Lower	120
pinza de diseccion Adlerkreutz	84	pinza gubia Kutz-Kleinert	237	pinza hemostatica Martel	110
pinza de diseccion Adson	81/2, 82	pinza gubia Leksell (Stille)	240	pinza hemostatica Martel Willet	110
pinza de diseccion Adson-Brown	82	pinza gubia Lempert	237	pinza hemostatica Mayo-Guyon	122
pinza de diseccion Adson-DeBakey	81/2	pinza gubia Luer	236	pinza hemostatica Meeker	119
pinza de diseccion Barraya-Stille	88	pinza gubia Luer-Stille	239	pinza hemostatica Mixter	116, 119/1-120
pinza de diseccion Bonney	88	pinza gubia Marquardt	239	pinza hemostatica Mixter Baby	119/1
pinza de diseccion Brophy	84	pinza gubia Mayfield	238	pinza hemostatica Mixter-O'Shaugnessy	119/2
pinza de diseccion Brown	83	pinza gubia Mead	235	pinza hemostatica Mixter-Overholt	115
pinza de diseccion Brown-Adson	82	pinza gubia Micro Friedmann	234	pinza hemostatica Mosquito-Halsted	105
pinza de diseccion Collin-Duval	85	pinza gubia Mini Friedmann	234	pinza hemostatica Moynihan	120
pinza de diseccion Cushing	83	pinza gubia Olivecrona	237	pinza hemostatica Nissen	113
pinza de diseccion Cushing-Taylor	87	pinza gubia Petersen-Smith	238	pinza hemostatica Ochsner-Rochester	108
pinza de diseccion DeBakey-Adson	81/2	pinza gubia Ruskin	239	pinza hemostatica O'Shaugnessy-Mixter	119/2

pinza hemostatica Overholt114	pinza nasal Jansen424	pinza para biopsia Townsend.....	.591
pinza hemostatica Overholt-Baby114	pinza nasal Jansen-Gruenwald424	pinza para biopsia Townsend-Down-Mini.....	.591
pinza hemostatica Overholt-Geissendoerfer.....	.114	pinza nasal Knight425	pinza para biopsia Townsend-Up-Mini591
pinza hemostatica Overholt-Mixter115	pinza nasal Knight-Heymann425	pinza para biopsia Turrel567
pinza hemostatica Pean.....	.108, 110	pinza nasal Lubet-Barbon424	pinza para biopsia Up-Mini-Townsend591
pinza hemostatica Pean-Rochester108	pinza nasal Luc426	pinza para biopsia Up-Tischler591
pinza hemostatica Pennington.....	.109	pinza nasal Myles427	pinza para biopsia Van Doren588
pinza hemostatica Pratt110	pinza nasal Schmeden427	pinza para biopsia Wittner589
pinza hemostatica Providence-Hospital106	pinza nasal Strycken427	pinza para biopsia Yeoman566, 567
pinza hemostatica Rankin-Crile107	pinza nasal Takahashi427	pinza para bronco-esofagoscopia Chevalier-Jackson.....	.473
pinza hemostatica Rankin-Kelly106	pinza nasal Troeltsch424	pinza para bronco-esofagoscopia Jackson-Chevalier473
pinza hemostatica Roberts117	pinza nasal Watson-Williams.....	.428	pinza para calculos biliares Blake530/2
pinza hemostatica Rochester-Carmalt.....	.109	pinza nasal Wei-Blakesley426	pinza para calculos biliares Blake-Mayo530/2
pinza hemostatica Rochester-Ochsner108	pinza nasal Westmacott424	pinza para calculos biliares Desjardins530/2
pinza hemostatica Rochester-Pean108	pinza nasal Williams-Watson.....	.428	pinza para calculos biliares Mayo-Blake530/2
pinza hemostatica Rumel117	pinza para aborto Saenger606	pinza para calculos biliares Mixer530/2
pinza hemostatica Sarot.....	.118	pinza para aborto Winter606	pinza para calculos renales Heimling536
pinza hemostatica Sellors-Crafoord.....	.119	pinza para agarrar el bocio Lahey.....	.479	pinza para calculos renales Randall535
pinza hemostatica Spencer-Wells.....	.109	pinza para amigdalas Marschik468	pinza para cambiar hojas179
pinza hemostatica Stille122	pinza para anastomosis Beck516, 520	pinza para campo Ball and Socket133
pinza hemostatica Toeninis117	pinza para anastomosis Cooley519-520/4	pinza para campo Lorna133
pinza hemostatica Tuffier110	pinza para anastomosis Cooley-Derra519	pinza para campo Socket and Ball133
pinza hemostatica Wells-Spencer.....	.109	pinza para anastomosis DeBakey.....	.505, 515	pinza para capsuloridectom Holth380
pinza hemostatica Wikstrom117	pinza para anastomosis DeMartel-Wolfson546	pinza para cartilagos Martin246
pinza hemostatica Willet Martel110	pinza para anastomosis Derra515	pinza para cateter Cooley510
pinza hemostatica Zenker118	pinza para anastomosis Derra-Cooley519	pinza para cerrar clamps DeMartel-Wolfson546
pinza intestinal Adair-Allis537	pinza para anastomosis Hayes545	pinza para cerrar clamps Stone545
pinza intestinal Allis537	pinza para anastomosis Kay-Lambert505	pinza para cerrar clamps Wolfson-DeMartel546
pinza intestinal Allis-Adair537	pinza para anastomosis Lambert-Kay505	pinza para chalazion Desmares393
pinza intestinal Allis-Baby537	pinza para anastomosis Potts493	pinza para chalazion Lambert393
pinza intestinal Allis-Boys538	pinza para anastomosis Wolfson-DeMartel546	pinza para coartacion Potts492
pinza intestinal Allis-Judd538	pinza para aneurisma Bahnsen-DeBakey506	pinza para coger amigdalas Abraham468
pinza intestinal Allis-Lockwood538	pinza para aneurisma de la aorte DeBakey496-498	pinza para coger amigdalas Ballenger467
pinza intestinal Allis-Thoms538	pinza para aneurisma DeBakey-Bahnson506	pinza para coger amigdalas Blohmke467
pinza intestinal Babcock539	pinza para aorta Cooley520/3	pinza para coger amigdalas Colver467
pinza intestinal Baby-Allis537	pinza para apendice Allen544	pinza para coger amigdalas Negus467
pinza intestinal Baby-Doyen540	pinza para apendice Kleinschmidt544	pinza para coger amigdalas Sawtell467
pinza intestinal Baby-Kocher540	pinza para aplicar agrafes Childe224	pinza para coger amigdalas Schnidt467
pinza intestinal Boys-Allis538	pinza para aplicar agrafes Hegenbarth224	pinza para coger amigdalas Tyding468
pinza intestinal Brunner543	pinza para aplicar agrafes Michel224	pinza para coger amigdalas White467
pinza intestinal Doyen540	pinza para aplicar agrafes Wachenthald224	pinza para coger el pulmon Lovelace490
pinza intestinal Doyen-Baby540	pinza para aplicar yuitar agrafes Michel224	pinza para columella Cottle448
pinza intestinal Fehland542	pinza para arrancar uñas Radolf297	pinza para cordon espermatico553/2
pinza intestinal Gregoire538	pinza para arrancar vendaje enyesado Wolff233	pinza para cuerpos extraños Mathieu553/1
pinza intestinal Judd-Allis538	pinza para biopsia Alexander589	pinza para desechos Sauerbruch227
pinza intestinal Kocher540	pinza para biopsia Baby Burke590	pinza para el pene Stockmann553/1
pinza intestinal Kocher-Baby540	pinza para biopsia Baby-Tischler592	pinza para el pene Strauss553/1
pinza intestinal Littlewood538	pinza para biopsia Burke590	pinza para el tunel del tendon293
pinza intestinal Lockwood-Allis538	pinza para biopsia Burke Baby590	pinza para el utero Collin585
pinza intestinal Mayo-Robson541	pinza para biopsia Down-Mini-Townsend591	pinza para el utero Dartigues585
pinza intestinal Mikulicz543	pinza para biopsia Down-Tischler591	pinza para el utero Somer585
pinza intestinal Resano542	pinza para biopsia Eppendorfer590	pinza para enderezar el tabique nasal Asch449
pinza intestinal Robson-Mayo541	pinza para biopsia Faure588	pinza para enderezar el tabique nasal Walsham449
pinza intestinal Scudder541	pinza para biopsia Gaylor-Thomas588	pinza para espinas91, 92
pinza intestinal Stone-Watt545	pinza para biopsia Grasper Maxi593	pinza para espinas Archer92
pinza intestinal Thoms-Allis538	pinza para biopsia Grasper Serpentine593	pinza para espinas Carmalt91
pinza intestinal Watt-Stone545	pinza para biopsia Kevorkian589, 591	pinza para espinas Feilchenfeld91
pinza intestinal estomacal Baby-Payr548	pinza para biopsia Kevorkian-Pacific592	pinza para espinas Hunter91
pinza intestinal estomacal Payr548	pinza para biopsia Kevorkian-Tischler592	pinza para espinas Peet92
pinza intestinal estomacal Payr-Baby548	pinza para biopsia Maxi Grasper593	pinza para espinas Stieglitz92
pinza maleolar247	pinza para biopsia Mini-Townsend-Down591	pinza para esterilizacion227
pinza monopalares634	pinza para biopsia Mini-Townsend-Up591	pinza para esterilizacion Cheatle227
pinza muscular Berke389	pinza para biopsia Morgan-Tischler590, 591	pinza para esterilizacion de jeringas Davis227
pinza muscular Mastin479	pinza para biopsia Pacific-Kevorkian592	pinza para esterilizacion Rogge227
pinza muscular Prince386	pinza para biopsia Schubert588	pinza para esterilizacion Universal227
pinza muscular Sellen393	pinza para biopsia Schumacher588, 589	pinza para estrabismo Bonacolto385
pinza nasal Barbon-Lubet424	pinza para biopsia Serpentine Grasper593	pinza para estrabismo Dastoor386
pinza nasal Blakesley-Weil426	pinza para biopsia Thomas-Gaylor588	pinza para estrabismo Jameson385
pinza nasal Bruenings425	pinza para biopsia Tischler-Baby592	pinza para estrabismo McCullough385
pinza nasal Gruenwald-Jansen424	pinza para biopsia Tischler-Down591	pinza para fijacion Arthur-Kirby385
pinza nasal Hartmann424, 427	pinza para biopsia Tischler-Kevorkian592	pinza para fijacion Barrague390
pinza nasal Heymann425	pinza para biopsia Tischler-Morgan590, 591	pinza para fijacion Castroviejo390
pinza nasal Heymann-Knight425	pinza para biopsia Tischler-Up591	pinza para fijacion Cottle.....	.410

pinza para fijacion Elschnig.....	389	pinza para ligadura Ayer.....	393	pinza para tracoma Knapp-Luer	393
pinza para fijacion Graefe	389	pinza para ligadura DeBakey	493, 499-500	pinza para tracoma Luer-Knapp	393
pinza para fijacion Green	390	pinza para ligadura McPherson	392	pinza para tumores Landolt	341/2
pinza para fijacion Kirby-Arthur.....	385	pinza para ligadura Millin	551	pinza para tumores Yasargil.....	97
pinza para fijacion Lester	389	pinza para ligadura Mod. Tübingen	392	pinza para uso multiple Glover	515
pinza para hemoroides McGivney	568	pinza para ligadura Paufique.....	392	pinza para uterus Armytage-Green	605
pinza para hipofisoides Adson	334	pinza para ligadura Tübingen Mod.	392	pinza para uterus Green-Armytage	605
pinza para histerectomia Ballentine-Heany	127	pinza para ligadura y la aorta DeBakey-Semb	499	pinza para vasectomia.....	553/2
pinza para histerectomia Cullen-Wertheim	125	pinza para ligadura y la aorta Semb-DeBakey	499	pinza para vasos Biemer.....	361
pinza para histerectomia Heaney.....	126	pinza para ligaduras DeBakey-Mixter.....	499/2	pinza para vasos Mehdorn.....	362
pinza para histerectomia Heany-Ballentine	127	pinza para ligaduras DeBakey-Rumel	499	pinza para vasos perifericos Dale	494, 495
pinza para histerectomia Holzbach.....	126	pinza para ligaduras Mixter-DeBakey	499/2	pinza para vasos perifericos DeBakey.....	494
pinza para histerectomia Landau-Segond	125	pinza para ligaduras Rumel-DeBakey	499	pinza para vasos perifericos Jones-Leland	495
pinza para histerectomia Maingot	123/1, 123/2	pinza para lobo anterior Millin	551	pinza para vasos perifericos Leland-Jones	495
pinza para histerectomia Segond	125	pinza para magullar tabique Rubin	428	pinza para vasos Satinsky.....	491
pinza para histerectomia Segond-Landau	125	pinza para medicacion Bryant	137	pinza pico piano	317, 320
pinza para histerectomia Wertheim	124, 128	pinza para microcirugia.....	96	pinza porta esponja Bozemann	138
pinza para histerectomia Wertheim-Cullen	125	pinza para micro-cirugia de la laringe	474	pinza porta esponja Bozemann-Douglas.....	138
pinza para hueso Bircher-Ganske.....	246	pinza para occlusion tangencial DeBakey-Satinsky	502	pinza porta esponja Cheron	137
pinza para hueso Dingman	246	pinza para occlusion tangencial Satinsky-DeBakey	502	pinza porta esponja Collin	137
pinza para hueso Farabeuf	243	pinza para parametrio	128/1	pinza porta esponja Douglas-Bozemann	138
pinza para hueso Farabeuf-Lambotte	243	pinza para parametrio Reda.....	128/1	pinza porta esponja Lister (Sinus)	137
pinza para hueso Ferguson	243	pinza para pediculo Herrick	123	pinza porta esponja Pelkmann	137
pinza para hueso Ganske-Bircher	246	pinza para pericraneo Gauss	605	pinza porta esponja Sinus (Lister)	137
pinza para hueso Kern	244	pinza para peritoneo Faure	123	pinza porta-esponja Duplay	134
pinza para hueso Lambotte	244	pinza para peritoneo Mikulicz	123	pinza porta-esponja Gross-Maier	134
pinza para hueso Lambotte-Farabeuf	243	pinza para peritoneo Phaneuf	123	pinza porta-esponja Maier-Gross	134
pinza para hueso Lane	244	pinza para polipos Hartmann	412	pinza porta-esponja Maier-Sims	134
pinza para hueso Langenbeck	243	pinza para polipos Hartmann-Hoffmann	412	pinza porta-esponja Sims-Maier	134
pinza para hueso Lewin	246	pinza para polipos Hartmann-Wullstein	412	pinza sacabocado Citelli	430
pinza para hueso Patella	248	pinza para polipos Hoffmann-Hartmann	412	pinza sacabocado craneal Cone	331
pinza para hueso Reda	246	pinza para polipos laringeos Jurasz	471	pinza sacabocado craneal DeVibiss	332
pinza para hueso Reill	248	pinza para polipos Littauer	425	pinza sacabocado Hajek-Kofler	431
pinza para hueso Semb	243	pinza para polipos Noyes	425	pinza sacabocado Kofler-Hajek	431
pinza para hueso Ulrich	248	pinza para polipos Struempel	412	pinza sacabocado Ostroem	430
pinza para hueso Verbrugge	245	pinza para polipos uterinos Doyen	585	pinza sacabocado para discos intervertebral	
pinza para huesos.....	243-250	pinza para polipos uterinos Kelly	585	Colclough	344/1
pinza para huesos autocentrrantes	245	pinza para polipos uterinos Noto	585	pinza sacabocado para discos intervertebral	
pinza para huesos Feldheim	249	pinza para polipos Wullstein-Hartmann	412	Ferris-Smith-Kerrison	344, 344/2
pinza para huesos Hoglund-Lowman	249	pinza para guitar agrafes Collin	224	pinza sacabocado para discos intervertebral	
pinza para huesos Lambert-Lowman	249	pinza para guitar agrafes Heath-Richter	224	Kerrison-Ferris-Smith	344, 344/2
pinza para huesos Lowman-Hoglund	249	pinza para guitar agrafes Richter-Heath	224	pinza sacabocado para discos intervertebral	
pinza para huesos Lowman-Lambert	249	pinza para reduction	246	Smith-Kerrison-Ferris	344, 344/2
pinza para huesos Meyer	248	pinza para reposicion Rowe	459	pinza Smith	463
pinza para introducir cateter Magill	28	pinza para secuestros	249	pinza tira-lengua Collin	453
pinza para iris Barraquer (Colibri)	384	pinza para secuestros Van Buren	249	pinza tira-lengua Young	453
pinza para iris Barraquer-Katzin	384	pinza para senoscopia	431	pinza Ultra-Ligera	95
pinza para iris Bishop-Harman	386	pinza para separar la rama Smith	463	pinza uterina Adair	582
pinza para iris Colibri	384	pinza para shunt carotido Javid	511	pinza uterina Barrett	582
pinza para iris Colibri (Barraquer)	384	pinza para sostener placas Lane	325	pinza uterina Braun	582
pinza para iris Colibri (Troutman)	384	pinza para sostener tornillos Lane	325	pinza uterina Czerny	584
pinza para iris Fischer	384	pinza para sutura Bonn Mod.	386	pinza uterina Duplay	582
pinza para iris Foerster	383	pinza para sutura Castroviejo	392	pinza uterina Hulka	583
pinza para iris Gill	384	pinza para sutura Mod. Bonn	386	pinza uterina Iowa	584
pinza para iris Gill-Hess	384	pinza para sutura Mod. Tübingen	386	pinza uterina Jacobs	583
pinza para iris Graefe	382	pinza para sutura Moorfield	392	pinza uterina Jarcho	583
pinza para iris Harman-Bishop	386	pinza para sutura St. Martin	392	pinza uterina Moore-Staude	582
pinza para iris Hess	384	pinza para sutura Tübingen Mod.	386	pinza uterina Museux	583
pinza para iris Hess-Gill	384	pinza para tabique nasal Graig	426	pinza uterina Palmer-Pozzi	582
pinza para iris Katzlin-Barraquer	384	pinza para tabique nasal Jansen-Middleton	430	pinza uterina Pozzi (Schroeder)	582
pinza para iris Stevens	383	pinza para tabique nasal Middleton-Jansen	430	pinza uterina Pozzi-Palmer	582
pinza para iris Troutman	389	pinza para tapones	135, 471	pinza uterina Pratt	584
pinza para iris Troutman (Colibri)	384	pinza para tapones Jackson	471	pinza uterina Schröder	584
pinza para la aorta DeBakey-Morris	506	pinza para tapones Utrich	135	pinza uterina Schroeder	583
pinza para la aorta Dietrich	510	pinza para tejido Collin	539	pinza uterina Schroeder (Pozzi)	582
pinza para la aorta Miniature-Subramanian	521	pinza para tejido Duval	539	pinza uterina Skene	582
pinza para la aorta Morris-DeBakey	506	pinza para tejido Williams	539	pinza uterina Staude-Moore	582
pinza para la aorta Subramanian	521	pinza para tendones Larsen	292	pinza uterina Teale	583
pinza para la aorta Subramanian-Miniature	521	pinza para torcer hilo Berry	319	pinza vascular Cooley	520
pinza para la aorta Weber	501	pinza para torcer hilo Conwin-Hegar	319	pinza vascular Dardik	509/1
pinza para la aorta Wylie	501/1, 501/2	pinza para torcer hilo Haberisser-Mayo	319	pinza vascular de uso multiple Bainbridge	495/1-495/2
pinza para laringe Fraenkel	471	pinza para torcer hilo Mayo-Haberisser	319	pinza vascular de uso multiple Cooley	518-520, 520/2

pinza vascular de uso	
multiple DeBakey.....	495/2, 507, 508, 514, 515
pinza vascular Neonatal	523
pinza vascular para neontales Castaneda	527
pinza vascular pediatrica Cooley	522
pinza vascular pediatrica DeBakey	516, 517
Piper forceps obstetrico	604
Pistola lavadora	626
placa para extender la piel	49
placa para parpado Jaeger	371
Plester cuchillo	418
Plester separador	171
Plester tubo de aspiracion	338
polipotomo Krause	433/2
polipotomo Krause-Voss	433/2
polipotomo Voss-Krause	433/2
polipotomo Wilde	433/2
Poltizer aguja para paracentesis	408
Poltizer cuchillo auricular	408
Poltizer especulo auricular	399
Poltizer olla auricular	406
Poole tubo de aspiracion	27
porta aguja (micro) Barraquer	216, 217
porta aguja (micro) Barraquer-Troutmann	216
porta aguja (micro) Castroviejo-Standard	216
porta aguja (micro) Standard-Castroviejo	216
porta aguja (micro) Troutmann-Barraquer	216
porta aguja Adson	211
porta aguja Arruga	214
porta aguja Arruga-Kalt	214
porta aguja Baby-Olsen-Hegar	212
porta aguja Baumgartner	208
porta aguja Boomerang Young	220
porta aguja Boynton	214
porta aguja Bozemann	211
porta aguja Brown	209
porta aguja Castroviejo	215
porta aguja Castroviejo-Micro	215
porta aguja Collier	208
porta aguja Crile	213
porta aguja Crile-Murray	209
porta aguja Crile-Wood	209
porta aguja DeBakey	210
porta aguja Derf	208
porta aguja Finochietto	211
porta aguja Gillies	212
porta aguja Halsey	208
porta aguja Heaney	210
porta aguja Hegar-Baby-Olsen	212
porta aguja Hegar-Mayo	209
porta aguja Hegar-Olsen	212
porta aguja Hoesei	213
porta aguja Jacobsen	215
porta aguja Johnson	211
porta aguja Kalt	214
porta aguja Kalt-Arruga	214
porta aguja Kilner	212
porta aguja Langenbeck	213
porta aguja Lichtenberg	213
porta aguja Masson	210
porta aguja Mathieu	213
porta aguja Mathieu-Olsen	212
porta aguja Mayo-Hegar	209
porta aguja Metzenbaum	211
porta aguja Micro-Castroviejo	215
porta aguja Microvascular	210
porta aguja Murray-Crile	209
porta aguja Neivert	208
porta aguja Olsen-Hegar	212
porta aguja Olsen-Hegar-Baby	212
porta aguja Olsen-Mathieu	212
porta aguja Ryder	210
porta aguja Sarot	211

porta aguja Stevens	214
porta aguja Stratte	212
porta aguja Wangenstein	210
porta aguja Webster	208
porta aguja Wood-Crile	209
porta aguja Young Boomerang	220
porta esponjas Foerster	136
porta esponjas Rampley	136
porta ligadura para tournique	528
porta pinza de traslado	615
porta-algodon	203
porta-algodon Farrell	203
porta-algodon Horne-Jobson	203
porta-algodon Jobson-Horne	203
porta-algodon Reda	203
porta-algodon Tobold	203
porta-algodon Uckermann	203
porta-clamps DeMartel-Wolfson	546
porta-clamps Wolfson-DeMartel	546
portador de luz fria Kleinsasser	36
portador de luz Holinger	37
portador de luz Jackson	37
Potts pinza para anastomosis	493
Potts pinza para coartacion	492
Potts-DeMartel tijera vascular	59
Potts-Smith pinza de diseccion	81, 81/1
Potts-Smith tijera vascular	61
Pozzi (Schroeder) pinza uterina	582
Pozzi-Palmer pinza uterina	582
Pratt dilatador uterino	580
Pratt especulo rectal	559
Pratt pinza hemostatica	110
Pratt pinza uterina	584
Pratt sonda para fistula	563
Precisa esfigmomanometro	9
Presameter-Nova esfigmomanometro	6
Presbyterian pinza cierra-tubo	129
Prince-Thomas aguja bronqual	490
Prince pinza muscular	386
Prince tijera para amigdalas	59
Proctoscopio Bensaude	565
proctoscopio Fansler	564
proctoscopio Kelly	562, 563
proctoscopio Morgan	565
protector Arruga	378
Providence-Hospital pinza hemostatica	106
punta de pinza Baracani	472
punta de pinza Bruenings	472
punta de pinza Cordes	472
punta de pinza Fraenkel	472
punta de pinza Krause	472
punta de pinza Lange	472
punta de pinza Scheinmann	472
punta de pinza Schumacher	472
punta de pinza Seifert	472
Putti lima para huesos	294
Pynchon-Andrew tubo de aspiracion	28
 Q	
Quervain periostotomo	275
Quinby tijera para encias	67
Quire elevador para cuerpos extraños	412
Quisling martillo	271
quistotomo Becker	375
quistotomo Graefe	375
quita hojas	42
 R	
Radolf pinza para arrancar uñas	297
Ragnell separador	140
Ragnell/Kilner tijera supercut	72
Ralk perforador de mano	300
Rampley porta esponjas	136
Ramus separador para el ramo	461
Randall cureta aspiradora para biopsia uterina	587
Randall pinza para calculos renales	535
Raney grapa para cuero cabelludo	327
Raney pinza aplicadora	327
Rankin-Crile pinza hemostatica	107
Rankin-DeBakey pinza hemostatica atraumatica	512
Rankin-Kelly pinza hemostatica	106
raquiotomo	267
Ray cureta para hipofisis	334
Recamer cureta uterina	597
Reda cucharilla cortante	256
Reda cuchillo de hoz	435
Reda cuchillo para amputacion	44
Reda diapason	403
Reda especulo nasal	423
Reda Excenter tijera para vendaje	69/2
Reda gancho	150
Reda iman ocular	395
Reda instrumento para vendaje enyesado	232
Reda micro tijera	77, 80
Reda perforador de mano	300
Reda pinza atraumatica	111
Reda pinza autocentradora para sostener huesos	247
Reda pinza de reduction	247
Reda pinza depilatoria	395
Reda pinza para hueso	246
Reda pinza para parametrio	128/1
Reda porta-algodon	203
Reda rompe hojas	45
Reda sierra para abrir anillos	297
Reda sonda conductora	221/1
Redon aguja de guia	207
Rees tijera face lift	73
regla	25
Reichert depresor para epiglotis	471
Reill pinza para hueso	248
Reiner cuchillo para vendaje enyesado	233
Reiner jeringa auricular	406
Reinke-Lopez elevador para amigdalas	465
Resano pinza intestinal	542
Resano tijera para capsula	53/2
retractor nasal Aufricht	447
retractor nasal Cottle	447, 447/1
retractor nasal Kilher	447/1
retractor nasal Masing	447
retractor nasal Masing-Neivert	447
retractor nasal Neivert-Masing	447
retractor para amputacion Percy	296
Reverdin aguja	220
Reverdin separador abdominal	143/3
Reynolds tijera para cirugia	54/1
Reynolds tijera supercut	72
Ribbon espatula abdominal	143/1
Ricard separador abdominal	191
Richardson Grip separador	142
Richardson separador	142
Richardson-Eastman separador	142
Richnau-Holmgren especulo auricular	400
Richter-Heath pinza para guitar agrafes	224
Rienhoff-Finochietto separador costal	486
Rigby separador	189/2
Ri-Mini estuche de diagnostico	17
Ring baja-lengua	455
riñoneras	619
Ritter-Halle dilatador para el seno	433
Robb disecador vascular	530
Robb espatula para la intima	530
Roberts pinza hemostatica	117
Robson-Mayo pinza intestinal	541
Rochard separador abdominal	186
Rochester-Carmalt pinza hemostatica	109
Rochester-Ochsner pinza hemostatica	108

Rochester-Pean pinza hemostatica	108
Roeder pinza de campo	132
Roger elevador para el tabique nasal	437
Roger pinza atraumatica	127
Rogg pinza para esterilizacion	227
Rollet cincel para extirpcion	374
Rollet gancho	375
rompe hojas Castroviejo	45
rompe hojas Chris-Troutman	45
rompe hojas Reda	45
rompe hojas Troutman-Chris	45
Rose separador	140
Rosen cuchillo	418
Rosen gancho	419
Rosen tubo de aspiracion	338
Roser-Koenig abre-boca	454
Ross separador	148/1
Ross separador para aorta	148/1
rotador Bechert	379
Roux Baby separador	140
Roux mini separador	140
Roux separador	139
Rowe pinza para reposicion	459
Rubin cincel nasal	440
Rubin pinza para magullar tabique	428
Rudd ligador para hemorroides	568
Rumel pinza hemostatica	117
Rumel-Belmont tourquie	528
Rumel-DeBakey pinza para ligaduras	499
Ruski pinza gubia	239
Ruskin-Liston pinza cortante para huesos	241
Ruskin-Stille pinza gubia	239
Russel-Davis baja-lengua	458
Rydel-Seiffert diapason	404
Ryder porta aguja	210
S	
Saalfeld saca comedones	608
saca comedones Saalfeld	608
saca comedones Schamburg	608
saca comedones Unna	608
saca comedones Walton	608
Sachs elevador para duramadre	332
Sachs gancho para nervio	329
Saenger pinza para aborto	606
salpingografo Schultz	596
Sanvenero tijera para cirugia	54/1
Sarot pinza hemostatica	118
Sarot porta aguja	211
Satinsky pinza para vasos	491
Satinsky tijera para vasija	65/2
Satinsky-DeBakey pinza para occlusion tangencial	502
Satterlee sierra para amputacion	296
Sauerbruch costotomo	481
Sauerbruch pinza gubia	240
Sauerbruch pinza para desechos	227
Sauerbruch separador	164, 166
Sauerbruch-Frey costotomo	481
Sawtell pinza para coger las amigdalas	467
Sawyer especulo rectal	560
Sayre elevador	281
Scaglietti pinza gubia	240
Scalp-Contour separador	169
Scapula (Davidson) separador	166
Schaedel pinza de campo	132
Schamburg saca comedones	608
Schede cucharilla cortante	251
Scheidel-Hepp micro tijera	78
Schele cuchillo para goniotomia	373
Scheinmann punta de pinza	472
Scherbak especulo vaginal	575
Schimmelbusch tambores para esterilizacion	622
Schink dermatomo	49

Schoetz tonometro	394/2
Schlesinger pinza cortante para laminectomia	342
Schmeden pinza nasal	427
Schmid canula para lavador vascular	338
Schmidt-Moritz baja-lengua	452
Schmieden sonda conductora	221
Schmieden-Dick aguja para ligadura	219
Schmieden-Pay sonda conductora	221
Schmieden-Taylor tijera duramadre	65/1
Schnidt pinza para coger las amigdalas	467
Schoenborn separador para la glandula tiroidea	479
Schröder cureta uterina	595
Schröder pinza uterina	584
Schroeder (Pozzi) pinza uterina	582
Schroeder pinza uterina	583
Schubert pinza para biopsia	588
Schuhknecht cuchillo	418
Schultze salpingografo	596
Schulze-Bergmann especulo rectal	560
Schumacher pinza para biopsia	588, 589
Schumacher punta de pinza	472
Schumacher tijera para cordon umbilical	64
Schumacher tijera para esternon	481
Schweigger pinza capsular	391
Scoville cucharilla cortante	253
Scoville separador para la raiz de nervios	329/1, 330
Scoville separador para laminectomia	196
Scoville-Haverfield separador para laminectomia	196
Scudder pinza intestinal	541
Sebileau peristotomo	275
Sedillot peristotomo	274, 275
Segond bisturi para fibroma	594
Segond pinza para histerectomia	125
Segond-Landau pinza para histerectomy	125
Seifert punta de pinza	472
Seiffert-Rydel diapason	404
Seldin peristotomo	277
Sellheim separador obstetrico	607
Sellors aproximador para costillas	489/1
Sellors-Craford pinza hemostatica	119
Semb peristotomo	278
Semb pinza bronquial	491
Semb pinza cortante para huesos	242
Semb pinza gubia	240
Semb pinza para hueso	243
Semb-DeBakey pinza para ligadura y la aorta	499
Semken pinza de diseccion	86
Semm especulo vaginal	571
Senn-Green separador	153
Senn-Miller separador	143
sensimetro Wartenberg	25
separador abdominal Baby Balfour	182, 183
separador abdominal Baby Gosset	181
separador abdominal Back holder	192-195
separador abdominal Balfour	182, 183
separador abdominal Balfour Baby	182, 183
separador abdominal Balfour-Us	184
separador abdominal Browne-Denis	185
separador abdominal Charnley	289
separador abdominal Collin	190
separador abdominal Collin Loktite	191
separador abdominal Denis-Browne	185
separador abdominal Doyen	189/1
separador abdominal Frazier	181
separador abdominal Gosset	181
separador abdominal Gosset Baby	181
separador abdominal Kirschner	185-187/1
separador abdominal Kümmel	143/4
separador abdominal Loktite Collin	191
separador abdominal O'Connor-O'Sullivan	181
separador abdominal O'Sullivan-O'Connor	181
separador abdominal Reverdin	143/3
separador abdominal Ricard	191
separador abdominal Rochard	186
separador abdominal Us-Balfour	184
separador Adams-Mayo	171
separador Adson	172-174
separador Adson Anderson	172
separador Adson-Beckmann	175
separador Alm	168
separador Anderson	198
separador Anderson Adson	172
separador Aufranc-Cobra	289
separador Baby Roux	140
separador Beckmann	176
separador Beckmann-Adson	175
separador Beckmann-Eaton	176
separador Brunner	167
separador Burrows-Jackson	189/2
separador Caspar	179
separador Cleward	178/1-178/4
separador Cobra-Aufranc	289
separador Collin	139
separador Collin-Hartmann	141
separador Collins-Mayo	141
separador Contour-Scalp	169
separador Cooley	148
separador Coronal Blow Lift	198
separador Coryllos (Thorax)	166
separador costal Burford-Finochietto	483
separador costal Cooley	485, 487
separador costal DeBoer	486
separador costal Favoloro-Morse	484
separador costal Finocchietto	482, 484
separador costal Finocchietto-Burford	483
separador costal Finocchietto-Rienhoff	486
separador costal Haight	487
separador costal Morse	484
separador costal Morse-Favoloro	484
separador costal Rienhoff-Finochietto	486
separador costal Tuffer	487
separador Crile	140
separador cuello vejiga Millin	553
separador Cushing	151-153
separador Czerny	141
separador Darling	178
separador Davidson (Scapula)	166
separador de mobilizacion Tessier	463/3
separador de pelvis St. Marks	165
separador de sistema Leyla	368-368/3
separador Deaver	145, 146
separador Deaver Grip	146
separador DeBakey	189/1
separador Desmarres	151
separador Doyen	163
separador Doyen-Stille	167
separador Eastman-Richardson	142
separador Eaton-Beckmann	176
separador espinal Taylor	291
separador Farabeuf	139
separador Finsen	168
separador Freeman	198
separador Friedmann	477, 577
separador Fritsch	163
separador Gil-Vernet	152
separador Golet	141
separador Green	160
separador Green-Langenbeck	153
separador Green-Senn	153
separador Grip Deaver	146
separador Grip Kelly	142
separador Grip Richardson	142
separador Harrington	147
separador Harrington-Pemberton	147
separador Hartmann-Collin	141
separador Hasson	143

separador Heaney	164	separador para rodilla Blount.....	289
separador Henley	170	separador para tejido cervical Cloward.....	339
separador Hibbs.....	164	separador para tendones Bunell.....	292
separador Holzheimer	168	separador para uvula Love.....	465
separador Hösel.....	167	separador para yesos Beeson	232
separador intestinal Leriche.....	143/4	separador para yesos Haglund-Stille.....	232
separador intra oral	463/1, 463/4	separador para yesos Henning	232
separador intra oral L&M.....	463/4	separador para yesos Stille-Haglund.....	232
separador Israel.....	162	separador Parker	139
separador Jackson-Burrows.....	189/2	separador Parker-Langenbeck / Us Army	141
separador Jansen	168	separador Pemberton-Harrington	147
separador Joll.....	477, 577	separador perineal Gelpi	189/1, 189/2
separador Kelly	142, 164	separador Perkins	168
separador Kelly Grip.....	142	separador Plester	171
separador Kocher	155	separador prostatico Young	550
separador Kocher	159, 160, 163	separador Ragnell	140
separador Kocher-Langenbeck.....	159	separador rectal Buie-Smith	561
separador Koerte.....	162	separador rectal Smith-Buie	561
separador König	153	separador Richardson	142
separador Körte	143/3	separador Richardson Grip	142
separador Lahey.....	157	separador Richardson-Eastman	142
separador Langenbeck	158, 159	separador Rigby	189/2
separador Langenbeck-Green	153	separador Rose	140
separador Langenbeck-Kocher	159	separador Ross	148/1
separador Little	157	separador Roux	139
separador Luer	140	separador Roux Baby	140
separador mamario Breast	198	separador Roux mini	140
separador mandibular Obwegeser.....	461/1	separador sagital Smith	463/5
separador Martin	175/1	separador Sauerbruch	164, 166
separador Mathieu	141	separador Scalp-Contour	169
separador Mayo-Adams	171	separador Scapula (Davidson)	166
separador Mayo-Collins	141	separador Senn-Green	153
separador Meyerding	157, 177, 180	separador Senn-Miller	143
separador Middeldorf	160	separador Simon	164
separador Mikulicz	163	separador Stille-Doyen	167
separador Miller-Senn	143	separador Stille-Strandell	157
separador Mini Roux	140	separador Strandell-Stille	157
separador Mollison	171	separador Thorax (Coryllos)	166
separador Morris	164	separador toracico Mercedes	489
separador Murphy	156	separador traqueal Bose	476
separador nasal Converse	448	separador traqueal Jackson	476
separador Norfolk / Norwich	172	separador Travers	172
separador Norwich / Norfolk	172	separador Tuffier	147
separador obstetrico Selheim	607	separador Us Army / Parker-Langenbeck	141
separador Ollier	162	separador Vernet-Gil	152
separador para aorta Ross	148/1	separador vesical Judd-Masson	552
separador para cirugia plastica Ferriera	197	separador vesical Legueu	553
separador para cirugia plastica Tebbetts	197	separador vesical Masson-Judd	552
separador para cuerpo vertebral Cloward	339	separador vesical Millin	552
separador para cuerpo vertebral Inge	339	separador vesical Thomson-Walker	552
separador para el borde anterior Hargis	463	separador vesical Walker-Thomson	552
separador para el cuerpo mandibular Hargis	463/6	separador Volkmann	153-156
separador para el ramo Nasalis-Spina	461	separador Weitlaner	169
separador para el ramo Ramus	461	separador Weitlaner-Wullstein	169
separador para el ramo Spina-Nasalis	461	separador Wullstein	171
separador para la glandula tiroidea Schoenborn.....	479	separador Wullstein-Weitlaner	169
separador para la raiz de nervios D'Errico	329/2	separador Yancoskie	198
separador para la raiz de nervios Hess	329/1	separador Zenker	161
separador para la raiz de nervios Holsher	329/1	Serpentine Grasper pinza para biopsia	593
separador para la raiz de nervios Love	329/2, 330	serra-fina Dieffenbach	104
separador para la raiz de nervios Scoville	329/1, 330	serra-fina Hopkins-Johns	104
separador para labios y mejillas	453	serra-fina Johns-Hopkins	104
separador para labios y mejillas Sternberg	453	Seutin tijera para vendaje69/2
separador para lamnectomia Cherry	488	Sexton cuchillo auricular	408
separador para lamnectomia Haverfield-Scoville	196	Shambaugh gancho	419
separador para lamnectomia Scoville	196	Shapleigh asa	410
separador para lamnectomia Scoville-Haverfield	196	Shea tijera auricular micro	413
separador para mamaaria	486/1	Sheehan cincel nasal	441
separador para menisco Smillie	291	Sheets canula	394/2
separador para paladar Nager	465	Sherman-Stille perforador de mano	298
separador para partes blandas Obwegeser	460	Siebold tijera ginecologica	62
separador para pilar Hofer	465	Siegle especulo auricular	402
separador para piloro Benson	544	sierra hilo Olivecrona	332

sonda conductora Schmieden-Payr	221
sonda conductora Vienna	221/1
sonda Fish	199
sonda Harms	381
sonda lacrimal Bowman	381
sonda lacrimal Worst	381
sonda metalica Walther	555
sonda Nelaton	199
sonda para bocio Kocher	479
sonda para calculos biliares Mayo	534
sonda para fistula Lockhart-Mummery	200
sonda para fistula Mummerly-Lockhart	200
sonda para fistula Pratt	563
sonda para mesurar House	420
sonda para sinoscopia Sinus	438
soporte de esterilizacion para alambres de Kirschner	305
soporte de pecho Negus	459
soporte pectoral Kleinsasser	36
Spencer tijera para ligadura	66
Spencer-Wells pinza hemostatica	109
Spinal cucharilla cortante	253
Spina-Nasalia separador para el ramo	461
Spratt cucharilla cortante	251
Spuring pinza cortante para laminectomia	340
St. Marks separador de pelvis	165
St. Martin pinza para sutura	392
St.Clair-Thomson cuchillo para vegetaciones adenoides	450
Stacke sonda auricular	199
Stamm pinza cortante para huesos	241
Standard (Nelson) trocar abdominal	204
Standard estuche para sutura	226
Standard pinza de diseccion	81, 81/1
Standard tijera para cirugia	51
Staudt-Moore pinza uterina	582
Steimann alambre	307, 308
Steimann pinza de agarre para tendones	292
Stellbrink pinza gubia	234
Sternberg separador para labios y mejillas	453
Stevens gancho para cristalino	375
Stevens pinza para iris	383
Stevens porta aguja	214
Stevens tijera para tenotomia	58
Stevens tijera supercut	72
Stevenson blerarostato	371
Stieglitz pinza para espinas	92
Stille (Leksell) pinza gubia	240
Stille cincel	260
Stille cizalla para yesos	229
Stille costotomo	480
Stille gubia	260
Stille osteotomo	260
Stille perforador de mano	298
Stille pinza de diseccion	81, 81/1
Stille pinza hemostatica	122
Stille-Barraya pinza de diseccion	88
Stille-Giertz costotomo	481
Stille-Haglund separador para yesos	232
Stille-Horsley pinza cortante para huesos	242
Stille-Liston pinza cortante para huesos	242
Stille-Luer pinza gubia	239
Stille-Mayo tijera de diseccion	52/1
Stille-Mayo tijera supercut	71
Stille-Ruskin pinza gubia	239
Stille-Sherman perforador de mano	298
Stille-Strandell separador	157
Stockmann pinza para el pene	553/1
Stone pinza para cerrar clamps	545
Stone-Watt manguito de cierre	545
Stone-Watt pinza intestinal	545
Strabismus tijera	58
Strandell-Stille separador	157
Strassburger pinza de diseccion	89
Stratte porta aguja	212

Strauss pinza para el pene	553/1
Struempel pinza para polipos	412
Strully tijera para neurocirugia	65
Struycken pinza nasal	427
Subramanian pinza para la aorta	521
Subramanian-Miniature pinza para la aorta	521
supercut tijera	71, 72
supercut tijera Baby Metzenbaum	71
supercut tijera Iris	72
supercut tijera Kilner/Ragnell	72
supercut tijera La Grange	72
supercut tijera Lister	72
supercut tijera Mayo	71
supercut tijera Mayo-Stille	71
supercut tijera Metzenbaum	71
supercut tijera Metzenbaum Baby	71
supercut tijera Ragnell/Kilner	72
supercut tijera Reynolds	72
supercut tijera Stevens	72
supercut tijera Stille-Mayo	71
supercut tijera Wagner	72
Sweet pinza aplicadora	326
Systrunk tijera para cirugia	66
 T	
Tabb cuchillo	418
Takahashi pinza nasal	427
taladros	302
tambores para esterilizacion Schimmelbusch	622
tamponeador L'Uniatschek	465
Tarnier cranioclasto	607
Tarnier forceps obstetrico	604
tarros	620
Taylor martillo de percusion	24
Taylor pinza de diseccion	87
Taylor separador espinal	291
Taylor-Cushing pinza de diseccion	87
Taylor-Schmidien tijera duramadre	65/1
Teale pinza uterina	583
Tebbetts separador para cirugia plastica	197
tensor de cierre-hilo Demel	315
tensor de cierre-hilo Loute	315
tensor de taladros	313
Terson pinza capsular	391
Tessier separador de mobilizacion	463/3
Thierry forceps obstetricos	603
Thomas cureta uterina	599
Thomas-Gaylor pinza para biopsia	588
Thomas-Price pinza bronquial	490
Thoms-Allis pinza intestinal	538
Thomson-St.Clair cuchillo para vegetaciones adenoides	450
Thomson-Walker separador vesical	552
Thorax (Coryllos) separador	166
Thorek tijera vesicula biliar	65/2
Thudichum especulo nasal	421
Tieck-Halle especulo nasal	423
tijera Adson-Tonnis	65
tijera auricular Michael Bellucci	413, 417
tijera auricular micro Shea	413
tijera Cartilage-Martin	65/1
tijera corneal Aebil	58
tijera cuticular	610
tijera de diseccion Baby Lexer	53
tijera de diseccion Deaver	52
tijera de diseccion Jorgensen	53
tijera de diseccion Lexer	53
tijera de diseccion Lexer Baby	53
tijera de diseccion Mayo	52/1
tijera de diseccion Mayo-Noble	52/1
tijera de diseccion Mayo-Stille	52/1
tijera de diseccion Metzenbaum	53/1
tijera de diseccion Noble-Mayo	52/1
tijera de diseccion Stille-Mayo	52/1
tijera de diseccion Wavescut	54
tijera para neurocirugia	65
tijera para neurocirugia Strully	65
tijera para oftalmologia	57, 75, 79

tijera para oftalmología Barraquer Colibri	75
tijera para oftalmología Colibri Barraquer	75
tijera para oftalmología Gradle	57
tijera para paramétrum	63
tijera para preparación	65
tijera para rinoplastia Fomon	65/1
tijera para septo Killian471
tijera para tendon Westcott	75
tijera para tenotomía Stevens58
tijera para uñas609, 614
tijera para vasija Klinkenbergh-Loth65/2
tijera para vasija Loth-Klinkenbergh65/2
tijera para vendaje69/1, 69/2, 70
tijera para vendaje Bergmann69/1
tijera para vendaje Bruns70
tijera para vendaje Esmarch69/2
tijera para vendaje Excenter Reda69/2
tijera para vendaje Knowles70
tijera para vendaje Lister69/1
tijera para vendaje Lorenz70
tijera para vendaje Reda Excenter69/2
tijera para vendaje Seutin69/2
tijera para vendaje Universal70
tijera para vesícula biliar Thorek65/2
tijera pulmonares Crafoord65/2
tijera Strabismus58
tijera supercut71, 72
tijera supercut Baby Metzenbaum71
tijera supercut Iris72
tijera supercut Kilner/Ragnell72
tijera supercut La Grange72
tijera supercut Lister72
tijera supercut Mayo71
tijera supercut Mayo-Stille71
tijera supercut Metzenbaum71
tijera supercut Ragnell/Kilner72
tijera supercut Reynolds72
tijera supercut Stevens72
tijera supercut Stille-Mayo71
tijera supercut Wagner72
tijera Toennis-Adson65
tijera vascular59-61
tijera vascular DeBakey61
tijera vascular DeMartel-Potts59
tijera vascular Dietrich60
tijera vascular Favalaro61
tijera vascular Kelly61
tijera vascular Potts-DeMartel59
tijera vascular Potts-Smith61
tijera vascular Smith-Potts61
tijera vasija Satinsky65/2
tijera Wagner67
Tilley pinza auricular411
titubuzón para fibroma Doyen594
Tischler-Down pinza para biopsia591
Tischler-Kevorkian pinza para biopsia592
Tischler-Morgan pinza para biopsia590, 591
Tischler-Up pinza para biopsia591
Tobold baja-lengua453
Tobold porta-algodón203
Todd-Wadsworth cauterio378
Toennis elevador para duramadre332
Toennis pinza hemostática117
Toennis-Adson tijera65
Toennis-Olivecrona pinza aplicadora326
Tohoku pinza de campo132
tonometro Schioetz394/2
Took cuchillo corneal373
torniquete pneumático295
tournique Belmont-Rumel528
tournique Rumel-Belmont528
Townley calibre26
Townsend pinza para biopsia591
Townsend-Down-Mini pinza para biopsia591
Townsend-Up-Mini pinza para biopsia591
Toyrbreen especulo auricular399
tractor Barton603/2
tractor Bill604
tractor Bill-Luikart604
tractor Luikart-Bill604
transformador para mango de pila para laringoscopio34
Travers separador172
trefina para aorta528
Trelat especulo vaginal571
trepano Keyes608
Trehowhan Lane elevador290
trocar abdominal Nelson (Standard)204
trocar abdominal Standard (Nelson)204
trocar Douglas204
trocar Nelson205
trocar Ochsner205
trocar para seno maxilar Coakley204
trocar para seno maxilar Lichtwitz204
trocar para seno maxilar Pierce204
trocar Universal204
Troeltsch (Wilde) pinza auricular410
Troeltsch pinza nasal424
Troemner martillo de percusión24
Trousseau-Baby dilatador traqueal476
Troutman (Colibri) pinza para iris384
Troutman pinza para iris389
Tübingen Mod. pinza para ligadura392
Tübingen Mod. pinza para sutura386
Tübingen pinza para ligadura392
Tübingen pinza para sutura386
tubo de aspiración27, 28, 337, 337/2, 338
tubo de aspiración Adson337
tubo de aspiración Andrew-Pynchon28
tubo de aspiración Baby-Yankauer27
tubo de aspiración Ferguson337
tubo de aspiración Ferguson/Frazier337
tubo de aspiración Frazier/Ferguson337
tubo de aspiración House337/2
tubo de aspiración Plester338
tubo de aspiración Poole27
tubo de aspiración Pynchon-Andrew28
tubo de aspiración Rosen338
tubo de aspiración Yankauer27
tubo de aspiración Yankauer-Baby27
tubo de aspiración Yankauer-Baby27
tubo de aspiración Yasagil337/1
tubo de extensión Bruenings472
Tucker-Luikart-McLean forceps obstétrico603/1
Tuffier pinza hemostática110
Tuffier separador147
Tuffier separador costal487
Turnbull alicate para cortar uñas609
Turrel pinza para biopsia rectal567
Tyding amigdalotomo469
Tyding pinza para coger amígdalas468
U	
U.S. Kirschner estribo para extensión312
Uckermann porta-algodón203
Ulrich pinza para hueso248
Ulrich pinza para tapones135
Uni I estuche de diagnóstico / oftalmoscopio May13
Uni II estuche de diagnóstico / oftalmoscopio May14
Uni III estuche de diagnóstico15
Universal pinza para esterilización227
Universal tijera para alambre y láminas67
Universal tijera para vendaje70
Universal trocar204
Unna saca comedones608
Up-Mini-Townsend pinza para biopsia591
Up-Tischler pinza para biopsia591
uretrotomo Otis	
Us Army / Parker-Langenbeck separador141
Us Army Smith tijera para gaza69/1
USA Mod. tijera para cordón umbilical64
USA pinza de disección81, 81/1
V	
V. Petz aparato para suturar estómago y intestinos549
vaina para tornillos324
Valeix histerómetro586
Van Buren bujía dilatadora554
Van Buren pinza para secuestros249
Van Doren pinza para biopsia588
Vannas tijera para iridectomía79
Varady instrumento para varices202
vasos graduados621
vendaje de compresión Esmarch296
Verbrugge pinza para hueso245
Verbrugge-Müller elevador286/2
Vernet-Gil separador152
Verres aguja para neumoperitoneo206
Vienna especulo nasal421
Vienna Mod. especulo nasal421
Vienne sonda conductora221/1
Virchow cuchillo para autopsia48
Virchow cuchillo para cerebro48
Volkmann cucharilla cortante251, 257
Volkmann separador153-156
Voltolini especulo nasal421
Voss-Krause polipotomo433/2
Vu-More especulo vaginal569
W	
Wachenfeldt pinza para aplicar agrafas224
Wadsworth-Todd cauterio378
Wagener gancho abotonado409
Wagener-Mosher canula para traqueotomía477
Wagner pinza cortante para laminectomía343
Wagner tijera67
Waldmann tijera para cirugía64
Walker-Thomson separador vesical552
Wallich cucharilla para aborto607
Walsham pinza para enderezar el tabique nasal449
Walther cateter555
Walther sonda metálica555
Walton gubia para cuerpos extraños374
Walton saca comedones608
Walton sierra para abrir anillos297
Wangensteen pinza de disección89
Wangensteen porta aguja210
Wartenberg sensímetro25
Watson dermatomóto50
Watson-Cheyne disección199
Watson-Cheyne elevador283
Watson-Williams pinza nasal428
Watt-Stone manguito de cierre545
Watt-Stone pinza intestinal545
Waugh pinza de disección83
Wavecut tijera para ligaduras54
Weber asa378
Weber pinza para la aorta501
Webster porta aguja208
Wecker espátula para iris378
Wecker tijera para iris75
Week blefarostato370
Weil-Blakesley pinza nasal426
Weiss-Dupuy aguja para sutura amígdalas466
Weitlaner separador169
Weitlaner-Wülstein separador169
Weller tijera de disección53/2
Wells espátula para encleacón378
Wells-Spencer pinza hemostática109

Wertheim pinza para histerectomia.....	124, 128	Zielke gubia	264
Wertheim tijera ginecologica.....	63		
Wertheim-Cullen pinza para histerectomia	125		
West cincel nasal	442/1		
Westcott tijera para tendon	75		
Westmacott pinza nasal	424		
Wheeler cuchillo para discisión	373		
Wheeler espátula para ciclodialis	379		
White pinza para coger amigdalas	467		
Wieder baja-lengua	452		
Wiener escofina nasal	443		
Wiener gancho para iris	375		
Wigmore cuchillo para vendajes enyesados.....	229		
Wikstrom pinza hemostatica	117		
Wilde (Troeltsch) pinza auricular	410		
Wilde cierra-nudo auricular	411		
Wilde polipotomo	433/2		
Wilder asa	378		
Wider dilatador lacrimal	381		
Williams destornillador	323		
Willet Martel pinza hemostatica	110		
Williams blefarostato	370		
Williams pinza para tejido	539		
Williams-Watson pinza nasal	428		
Williger cucharilla cortante	255, 257		
Williger martillo	271		
Williger periestotomo	276		
Winter pinza para aborto	606		
Wittner pinza para biopsia	589		
Wolff pinza para arrancar vendaje enyesado	233		
Wolfson-DeMartel pinza para anastomosis	546		
Wolfson-DeMartel pinza para cerrar clamps	546		
Wolfson-DeMartel porta-clamps	546		
Wood-Crile porta aguja	209		
Woodson elevador para duramadre	333		
Worst sonda lacrimal	381		
Wrigley forceps obstetrico	602		
Wullstein cuchillo	418		
Wullstein mango de aspiración	338		
Wullstein pinza auricular micro	416		
Wullstein separador	171		
Wullstein-Hartmann pinza para polipos	412		
Wullstein-Weitlaner separador	169		
Wylie dilatador uterino	581		
Wylie pinza para la aorta	501/1, 501/2		
Y			
Yancoskie separador	198		
Yankauer elevador para amigdalas	465		
Yankauer tubo de aspiración	27		
Yankauer-Baby tubo de aspiración	27		
Yasargil clips para aneurisma	345-356		
Yasargil gancho para galea	330		
Yasargil pinza para tumores	97		
Yasargil tubo de aspiración	337/1		
Yeoman cierra-nudo rectal	566		
Yeoman pinza para biopsia rectal	566, 567		
Young Boomerang aguja	220		
Young Boomerang porta aguja	220		
Young pinza de agarre para próstata	550		
Young pinza tira-lengua	453		
Young separador prostático	550		
Z			
Zaufal elevador auricular	409		
Zaufal-Jansen elevador auricular	409		
Zaufal-Jansen pinza gubia	238		
Zenker pinza hemostatica	118		
Zenker separador	161		
Ziegler blefarostato	371		
Ziegler cuchillo para discisión	373		
Ziegler cuchillo para iris	372		
Ziegler dilatador lacrimal	381		

ADENOTOMO LA FORCE	450	AGO, KOENIG	223	AXENFELD CURETTA DA CALAZIO	377
AGRAFES, MICHEL	224	AGO, REVERDIN	220	AYER PINZA PER CALAZIO	393
ABBASSALINGUA	451	AGO, ROSEN	419		
ABBASSALINGUA DAVIS-BOYLE	455	AGO, YOUNG-BOOMERANG	220	B	
ABBASSALINGUA DOUGHTY	458	ALAN-PARKS DIVARICATORE ANALE	561	BABCOCK PINZA PER AFFERRARE INTESTINI	539
ABBASSALINGUA RUSSEL-DAVIS	458	ALDERDYCE ELEVATORE	282	BABINSKI MARTELLO DA PERCUSSIONE	24
ABBASSALINGUA, ANDREW	452	ALESATORE PER FEMORE, KUENTSCHER	321	BABY BURKE PINZA PER BIOPSIA	590
ABBASSALINGUA, BRUENNINGS	451	ALESATORE PER L'APERTURA DEL MIDOLLO, KUENTSCHER	321	BABY GOSSET DIVARICATORE ADDOMINALE	181
ABBASSALINGUA, BUCHWALD	451	ALEXANDER PERIOTOTOMO	276	BABY METZENBAUM SUPERCUT FORBICI	71
ABBASSALINGUA, DINGMANN	456	ALEXANDER PINZA PER BIOPSIA	589	BABY TISCHLER PINZA PER BIOPSIA	592
ABBASSALINGUA, FRENZEL	451	ALEXANDER SCALPELLO	259	BABY WEBSTER PORT AGHI	208
ABBASSALINGUA, HARTMANN	452	ALEXANDER SGORBIA	259	BABY-YANKAUER CANNULA D'ASPIRAZIONE	27
ABBASSALINGUA, KILNER-DOUGHTY	456	ALGESIMETRO, WARTENBERG	25	BABY-KOCHER PINZA INTESTINALE	540
ABBASSALINGUA, KROENIG	451	ALLEN PINZA PER L'APPENDICE	544	BABY-OLSEN-HEGAR PORT'AGHI	212
ABBASSALINGUA, MAYO	451	ALLIS PINZA PER AFFERRARE INTESTINI	537	BABYPHON SIGМОMANOMTERO	10
ABBASSALINGUA, MORITZ-SCHMIDT	452	ALLIS-ADAIR PINZA PER AFFERRARE INTESTINI	537	BACINELLA	619, 620
ABBASSALINGUA, TOBOLD	453	ALLIS-BABY PINZA PER AFFERRARE INTESTINI	537	BACINELLA PER PLACENTA	621
ABBASSALINGUA, WIEDER	452	ALLISON SPATOLA PER POLMONE	489	BACINELLA RENIFORMA	619
ABRAHAM COLTELLO PER TONSILLE	466	ALM DIVARICATORE	168	BACKHAUS PINZA FISSATELI	132
ABRAHAM PINZA PER TONSILLE	468	ALVIS CURETTA PER CORPI ESTRANEI	374	BAILEY APPROXIMATORE COSTALE	489
ACCESSORI DI FISSAZIONE, ANELLI E BARRE	195	AMNIOSCOPO	601	BAILEY-BABY APPROXIMATORE COSTALE	489
ACCESSORI PER SEGA PER AUTOPSIA	231/2, 231/3	AMNIOTOMO, BEACHAM	586	BAILEY-GIBBON APPROXIMATORE COSTALE	489
ADATTATORE DI ILLUMINAZIONE	601	ANDERSON ADSON DIVARICATORE	172	BAINBRIDGE PINZA EMOSTATICA	119/2
ADLERKREUTZ PINZA VASCOLARE	84	ANDREW ABDASSALINGUA	452	BAINBRIDGE PINZA VASCOLARE	495
ADSON DIVARICATORE	173	ANDREW-PYNCHON TUBO D'ASPIRAZINE	28	BAKES DILATATORE BILIARE	532
ADSON PINZA ANATOMICA	82	ANELLI DI GOMMA PER LEGATURA	568	BALFOUR BABY DIVARICATORE ADDOMINALE	182
ADSON PINZA ANATOMICA	82	ANOSCOPO, HIRSCHMANN	562	BALFOUR DIVARICATORE ADDOMINALE	182
ADSON PINZA CHIRURGICA	82	ANSA AURICOLARE, BILLEAU	409	BALFOUR DIVARICATORE ADDOMINALE	183
ADSON BABY PINZA EMOSTATICA	113	ANSA AURICOLARE, SHAPLEIGH	410	BALFOUR-US DIVARICATORE ADDOMINALE	184
ADSON DIVARICATORE	172	ANSA PER CATERATTA, ARLT	378	BALL AND SOCKET PINZA FISSATELI	133
ADSON MICRO PINZA ANATOMICA	82	ANSA PER CATERATTA, SNELLEN	378	BALLINGER COLTELLO PER SETTO	436
ADSON MICRO PINZA CHIRURGICA	82	ANSA PER CATERATTA, WEBER	378	BALLINGER ELEVATORE PER SETTO	439
ADSON PERIOTOTOMO	282	ANSA PER CATERATTA, WILDER	378	BALLINGER PINZA PER TONSILLE	467
ADSON PINZA EMOSTATICA	112	ANSA PER POLIPI	411	BANE-HARTMANN PINZA SGORBIA	237
ADSON PINZA PER IPOFISI	334	ANSE PER TONSILLE	468	BANGERTER SPATOLA PER CICLODIALISI	379
ADSON PINZA SGORBIA	236	ANTRUM-CURETTA	435	BARACANI INSERTO	472
ADSON PORT'AGHI	211	ANVIL TRONCHESINA PER UNGHIE	613	BARANY ASSORDITORE	405
ADSON TENAGLIA PER OSSA	298	APPARECCHIATURA DI SUTURA GASTRO-INTESTINALE, V.PETZ	549	BARBARA AGO	419
ADSON TUBO D'ASPIRAZIONE	337	APPROSSIMATORE COSTALE, BAILEY	489	BARBARA UNCINO	419
ADSON UNCINO PER DURAMADRE	329	APPROSSIMATORE COSTALE, BAILEY-BABY	489	BARKAN COLTELLO PER GONIOTOMIA	373
ADSON, DIVARICATORE	174	APPROSSIMATORE COSTALE, BAILEY-GIBBON	489	BARNHILL COLTELLO ADENOIDE	450
ADSON-BROWN PINZA CHIRURGICA	82	APPROSSIMATORE, BIEMER	366	BARON CANNULA D'ASPIRAZIONE	336
AEBLI FORBICI PER OFTALMOLOGIA	58	APPROSSIMATORE, BIEMER-MÜLLER	363	BARR SPECOLO RETTALE	559
AGHI PER SUTURE	222, 223	APRIBOCCA DI LEGNO MAUNDER	459	BARRAQUER (COLIBRI) PINZA PER IRIDE	384
AGO PER BIOPSIA, FRANKLIN-SILVER	206	APRIBOCCA, DAVIS-BOYLE	455	BARRAQUER BLEFAROSTATO	370
AGO DI GUIDA, IOWA	206	APRIBOCCA, DAVIS-MEYER	457	BARRAQUER COLTELLO PER CHERATOPLASTICA	373
AGO DI GUIDA, REDON	207	APRIBOCCA, DENHART,12CM	454	BARRAQUER FORBICI OCULISTICHE	75
AGO DI INTRODUZIONE, OBWEGESER	463	APRIBOCCA, DINGMANN	456	BARRAQUER PINZA DA FISSAZIONE	390
AGO DI INTRODUZIONE, OBWEGESER	463/3	APRIBOCCA, HEISTER	454	BARRAQUER PINZA DEPILATORIA	395
AGO PASSAFILI, DEMEL	315	APRIBOCCA, JENNINGS	454	BARRAQUER PORT'AGHI	216, 217
AGO PER CORPI ESTRANEI	374	APRIBOCCA, KILNER-DOUGHTY	456	BARRAQUER-KATZIN PINZA PER IRIDE	384
AGO PER CORPI ESTRANEI, DAVIS	374	APRIBOCCA, MCIVOR	457	BARRAQUER-TROUTMAN PORT'AGHI	216
AGO PER CORPI ESTRANEI, FRANCIS	374	APRIBOCCA, ROSER-KOENIG 16CM	454	BARRET PINZA PER ABBASSARE IL COLLO DELL'UTERO	582
AGO PER CORPI ESTRANEI, LA FORCE	374	APRIBOCCA, DOYEN-JANSEN(MOLT)	454	BARTON FORCIPÉ	603
AGO PER CORPI ESTRANEI, LEVINSON	374	ARCHER PINZA PER SCHEGGE	92	BARTON TRATTORE	603
AGO PER DISCISIONE	374	ARCO PER ESTENSIONE, BOEHLER	312	BAUMGARTNER PORT'AGHI	208
AGO PER DISCISIONE, BOWMAN	374	ARCO PER ESTENSIONE, KIRSCHNER	312	BEACHAM AMNIOTOMO	586
AGO PER INSUFFLAZIONE, VERESS	206	ARCO PER ESTENSIONE, KIRSCHNER US	312	BECHERT ROTATORE PER NUCLEO	379
AGO PER LEGATURE	218	ARLT ANSA PER CATERATTA	378	BECK PINZA PER ANASTOMOSI	520
AGO PER LEGATURE SCHMIEDEN-DICK	219	ARRUGA CUCCHIAIO PER ASPORTAZIONE RETINALE	378	BECK PINZA VASCOLARI	516
AGO PER LEGATURE, COOPER	219	ARRUGA PINZA CAPSULARE	391	BECKER CISTOTOMO	375
AGO PER LEGATURE, DESCHAMPS	218	ARRUGA PORT'AGHI	214	BECKMANN COLTELLO ADENOIDE	450
AGO PER LEGATURE, KRONECKER	219	ARRUGA UNCINO ESTRATTORE	375	BECKMANN DIVARICATORE	176
AGO PER LEGATURE, NELSON	219	ASCH PINZA PER LA PLASTICA NASALE	449	BECKMANN-EATON DIVARICATORE	175
AGO PER PARACENTESI, LUCAE	408	ASSORDITORE, BARANY	405	BEEBEE FORBICI PER CORONA	176
AGO PER PARACENTESI, POLITZER	408	AUFRANC-COBRA DIVARICATORE	289	BEER PINZA DEPILATORIA	395
AGO PER TONSILLE	470	AUFRICH RASPA NASALE	443	BEESON DIVARICATORE PER GESSI	232
AGO PER TONSILLE, CLAUS	466	AUVRARD SPECOLO VAGINALE	576	BEESON DIVARICATORE PER GESSI	232
AGO PER TONSILLE, DUPUY-WEISS	466			BELLUCCI MICRO FORBICINE AURICOLARI	413
AGO PER TONSILLE, NAGER	466			BELLUCCI MICRO FORBICINE	417
AGO POST MORTEM	268			BENDA PER COMPRESSIONE ESMARCH	297
AGO, BARBARA	419				
AGO, KEITH	223				

BENDER MODELLATORE PER CHIODI.....	322	BOYNTON PORT'AGHI	214	CANNULA D'ASPIRAZIONE PER BIOPSIA, BUIE	566
BENGOLEA PINZA EMOSTATICA.....	112	BOZEMANN PINZA PER TAMPONI	138	CANNULA D'ASPIRAZIONE POOLE	27
BENNETT ELEVATORE PER OSSA.....	283	BOZEMANN PORT'AGHI	211	CANNULA D'ASPIRAZIONE ZÖLLNER	337/1
BENSAUDE PROCTOSCOPO.....	565	BOZEMANN-DOUGLAS PINZA PER TAMPONI	138	CANNULA D'ASPIRAZIONE, ADSON	337
BENSON DIVARICATORE PER PILORO	544	BRACCIALE.....	295	CANNULA D'ASPIRAZIONE, ANDREW-PYNCHON	28
BERENS CHERATOMO.....	372	BRACCIO PORTALARINGOSCOPIO KLEINSASSER	36	CANNULA D'ASPIRAZIONE, BABY-YANKAUER	27
BERGMANN FORBICI PER BENDAGGI	69/1	BRAND ENUCLEATORE PER TENDINI	294	CANNULA D'ASPIRAZIONE, COOLEY	28
BERGMANN MARTELLO.....	272	BRAND STRUMENTI PER AFFERRARE TENDINI	293	CANNULA D'ASPIRAZIONE, DE BAEY	28
BERKE PINZA MUSCOLARE	389	BRAUN CRANIOLASTO	607	CANNULA D'ASPIRAZIONE, FERGUSSON	337
BERLINER MARTELLO DA PERCUSSIONE	24	BRAUN DEPRESSORE UTERINO	586	CANNULA D'ASPIRAZIONE, FRAZIER/FERGUSSON	337
BERNHARD PINZA FISSATEL.....	133	BRAUN PINZA PER ABBASSARE IL COLLO	582	CANNULA D'ASPIRAZIONE, PLESTER	338
BERRY PINZA TORCIFILI.....	319	DELL'UTERO	582	CANNULA D'ASPIRAZIONE, ROSEN	338
BETHUNE COSTOTOMO	481	BRAUN UNCINO SPEZZATORE	607	CANNULA D'ASPIRAZIONE, YASARGIL	337/1
BICCHIERE GRADUATO	620	BRAUN-STADLER FORBICI PER EPISIOTOMIA	64	CANNULA D'ASPIRAZIONEE, HOUSE	337/2
BICCHIERE PER MEDICINALI	621	BREAST DIVARICATORE PER CHIRURGIA PLASTICA.....	198	CANNULA LARINGEA	470
BIEMER APPROXIMATOR	366	BREISKY SPECOLO VAGINALE	577	CANNULA OCULISTICA JENSEN	394
BIEMER CLIPS PER VASI	361	BRIDGE PINZA EMOSTATICA	116	CANNULA OCULISTICA MCINTYRE	394
BIEMER PINZA POSA CLIPS	361,363,364,366	BRISTOW ELEVATORE PER OSSA	290	CANNULA OCULISTICA PER IRRIGAZIONE ED	
BIEMER-MÜLLER APPROXIMATOR	363	BRODIE SPECILLO	199	ASPIRAZIONE BISHOP-HARMON	394/1
BIER SEGA PER AMPUTAZIONE	296	BROPHY PINZA ANATOMICA	84	CANNULA OCULISTICA, LACRIMAL	394
BILL TRATTORE	604	BROPHY PINZA CHIRURGICA	84	CANNULA PER ASPIRAZIONE GUILLEN	433/1
BILLEAU ANSA AURICOLARE	409	BROWN PINZA PER TESSUTI	83	CANNULA PER BIOPSIA, MENGHINI	206
BIRCHER-GANSKE TENAGLIA PER OSSA	246	BROWN PORT'AGHI	209	CANNULA PER IRRIGAZIONE KILLIAN	433, 433/1
BIRKETT PINZA EMOSTATICA	116	BRUENINGS COLTELLO TONSILLE	466	CANNULA PER IRRIGAZIONE SHEETS	394/2
BISHOP-HARMON PINZA PER IRIDE	386	BRUENINGS ABBASSALINGUA	451	CANNULA PER IRRIGAZIONE, HARTMANN	433
BISHOP-HARMON CANNULA OCULISTICA PER		BRUENINGS INSERTO	472	CANNULA PER IRRIGAZIONE, SCHMID	338
IRRIGAZIONE ED ASPIRAZIONE	394/1	BRUENINGS PINZA PER SETTO NASALE	425	CANNULA PER IRRIGAZIONE, SIEBENMANN	433
BISTURI MONOUSO, STERILI	43	BRUENINGS SPECOLO AURICOLARE	401	CANNULA PER IRRIGAZIONE, SIMCOE	394
BISTURI PER FIBROMI, SEGOND	594	BRUNETTI SCALPELLO	268	CANNULA TRACHEALE, LUER	479
BISTURI, MANICO DI METALLO	46	BRUNINGS-LUCAS SCALPELLO	260	CANNULA TRACHEALE, WAGENER-MOSHER	477
BLAKE CURETTA UTERINA	595	BRÜNING-LUCAS SCALPELLO	260	CANNULA TRACHEALE, CHEVALIER-JACK	479
BLAKE PINZA PER CALCOLI BILIARI	531	BRÜNING-LUCAS SGORBIA	260	CANNULA, LICHTWITZ	433
BLEFAROSTATO CLARK	370	BRUNNER COSTOTOMO	481	CAPLAN PINZA NASALE	428
BLEFAROSTATO LIEBERMANN	371	BRUNNER DIVARICATORE	167	CARMALT PINZA PER SCHEGGE	91
BLEFAROSTATO, ARRUGA	370	BRUNNER PINZA INTESTINALE	543	CAROLL PINZA PER AFFERRARE TENDINI	293
BLEFAROSTATO, BARRAQUER	370	BRUNNER SONDE CONDUTTRICE	221	CARPENTER COLTELLO PER TONSILLE	465
BLEFAROSTATO, BOWMAN	370	BRUNNER SONDE CONDUTTRICE	221	CASPAR DIVARICATORE PER SPINA CERVICALE	179
BLEFAROSTATO, CASTROVIEJO	371	BRUNS CURETTA TAGLIENTE	251, 254	CASPAR DIVARICATORE PER SPINA CERVICALE	180
BLEFAROSTATO, CRITCHETT	370	BRUNS FORBICI PER BENDAGGI	70	CASPAR PISTONI	258
BLEFAROSTATO, GRAEFE	370	BRYANT PINZA PER MEDICATURA	137	CASTANEDA NEONATAL PINZA VASCOLARE	527
BLEFAROSTATO, LANCASTER	371	BUCHWALD ABBASSALINGUA	451	CASTROVIEJO BLEFAROSTATO	371
BLEFAROSTATO, LISTER-BURCH	370	BUCK CURETTA AURICOLARE	407	CASTROVIEJO COLTELLO LANCEOLARE	372
BLEFAROSTATO, MELLINGER	370	BUCK LEVA PER CORPI ESTRANEI	412	CASTROVIEJO COMPASSO	380
BLEFAROSTATO, MELLINGER-AXENFELD	370	BUCK MARTELLO DA PERCUSSIONE	24	CASTROVIEJO FORBICI CORNEALI	79
BLEFAROSTATO, MUELLER	371	BUCK-GRAMCO ELEVATORE PER OSSA	285	CASTROVIEJO PINZA CAPSULARE	391
BLEFAROSTATO, MURDOCK	370	BUIE CANNULA D'ASPIRAZIONE RETTALE	566	CASTROVIEJO PINZA FISSATRICE	390
BLEFAROSTATO, PARK	371	BULLDOG PINZA MINI DIETRICH	101	CASTROVIEJO PINZA PER SUTURA	392
BLEFAROSTATO, SMITH	370	BULLDOG PINZA, JOHNS-HOPKINS	104	CASTROVIEJO PORT'AGHI	215
BLEFAROSTATO, STEVENSON	371	BULLDOG PINZE ATRAUMATICHE	100	CASTROVIEJO ROMPILAMETTE	45
BLEFAROSTATO, WEEK	370	BÜLOW-GUNARHEY PINZA SERRATUBI A RULLI	130	CASTROVIEJO SPATOLA PER CICLODIALISI	379
BLEFAROSTATO, WILLIAMS	370	BUMM CURETTA UTERINI	597	CASTROVIEJO-MICRO PORT'AGHI	215
BLEFAROSTATO, ZIEGLER	371	BUNELL ENUCLEATORE PER TENDINI	292	CASTROVIEJO-STANDARD PORT'AGHI	216
BLOHMKE PINZA PER TONSILLE	467	BUNELL GUIDA PER TENDINI	294	CATETERE AURICOLARE, HARTMANN	408
BLOUNT ELEVATORE PER GINOCCHIO	289	BUNELL PERFORATORE A MANO	299	CATETERE METALLICO	555
BLOUNT ELEVATORE PER OSSA	288	BUNGE CUCCHIAIO PER ESTENTERAZIONE	378	CATETERE METALLICO, COXETER	555
BLUMENTHAL PINZA SGORBIA	236	BUNT PINZA PER STERILIZZAZIONE	227	CATLIN AMPUTATIONSMESN	44
BODENHAMMER SPECOLO RETTALE	559	BURCH UNCINO DI FISSAZIONE	373	CAUTERIO WADSWORTH-TODD	378
BOEHLER ARCO PER ESTENSIONE	312	BURKE PINZA PER BIOPSIA	590	CAVO BIPOLE	633
BOERMA FORCIPÉ	604	BUSHE CURETTA TAGLIENTE	256	CESOIA PER GESSI,STILLE	229
BOETTCHER FORBICI PER TONSILLE	59	 C		CESOIA PER OSSA STILLE-HORSLEY	242
BÖHLER CESOIA PER OSSA	241	CACCIAVITE WILLIAMS	323	CESOIA PER OSSA STILLE-LISTON	242
BÖHLER PINZA SGORBIA	238	CACCIAVITE, LANE	323, 324	CESOIA PER OSSA, BOEHLER	241
BOIES ELEVATORE	277	CALAMITA OCULISTICA, REDA	395	CESOIA PER OSSA, LISTON	241
BONACCOLTO PINZA PER STRABISMO	385	CALIBRO	26	CESOIA PER OSSA, MCINDOE	241
BONN PINZA PER IRIDE	387	CAMERA D'ARIA	295	CESOIA PER OSSA, RUSKIN-LISTON	241
BONNEY PINZA ANATOMICA	88	CANDELETTA DILATRICE, DITTEL	554	CESOIA PER OSSA, SEMB	242
BONNEY PINZA CHIRURGICA	88	CANDELETTA DILATRICE, GUYON	554	CESOIA PER OSSA, COTTELL-K	241
BOSE DIVARICATORE TRACHEALE	476	CANDELETTA DILATRICE, VAN BUREN	554	CESTELLO	623
BOUCHERON SPECOLO AURICOLARE	399	CANFIELD COLTELLO PER TONSILLE	466	CESTELLO PER ENDOSCOPI	623
BOWMAN AGO PER DISCISIONE	374	CANNULA DA INIEZIONE	36	CESTELLO PER STERILIZZAZIONE	622
BOWMAN BLEFAROSTATO	370	CANNULA D'ASPIRAZIONE	337/1	CHANDLER ELEVATOR	282
BOWMAN CHERATOMO	372	CANNULA D'ASPIRAZIONE KLEINSASSER	36	CHAPUT PINZA PER AFFERRARE TESSUTI	110
BOWMAN SPECILLO PER CANALE LACRIMALE	381			CHARNLAY DIVARICATORE ADDOMINALE	289

CHARRIERE SEGA PER AMPUTAZIONE	296
CHEATLE PINZA PER STERILIZZAZIONE	227
CHELSEA-EATON PROCTOSCOPO.....	563
CHERON PINZA PER MEDICATURA	137
CHERRY DIVARICATORE PER LAMINECTOMIA.....	488
CHEVALIER-JACKSON CANNULA TRACHEALE.....	479
CHEVALIER-JACKSON PINZA PER	
BRONCO-ESOFAGOSPIA.....	473
CHIAVE	266
CHIAVI	313
CHILDE PINZA PER AGRAFES.....	224
CHIODI PER OSSA	309
CHIODI STEINMANN	307, 308
CINELLI SCALPELLO PER SETTO	441
CISTOTOMO, BECKER	375
CISTOTOMO, GRAEFE	375
CITELLI PINZA TAGliente PER SETTO NASALE	430
CLAR LAMPADA FRONTALE	22
CLARK BLEFAROSTATO 8CM	370
CLAUS AGO PER TONSILLE	466
CLAYMAN UNCINO	376
CLEVELAND PINZA SGORBIA	235
CLIPS PER ANEURISMA YASARGIL	345 - 356
CLIPS PER VASI, BIEMER	361
CLIPS PER VASI, MEHDORN	362
CLIPS PER VASI, MUELLER	364, 365
CLOWARD DIVARICATORE	178
CLOWARD DIVARICATORE PER CORPI VERTREBRALI	339
CLOWARD PINZA TAGliente PER LAMINECTOMIA	342
COAKLEY ANTRUM CURETTA.....	449
COAKLEY TREQUARTO PER SENO MASCELLARE	204
COBB CURETTA	252
COBB PERIOTOMO	280
COBB SGORBIA	262
COLCLOUGH PINZA TAGliente PER DISCHI	
INTERVERTEBRALI.....	344/1
COLLER-CRILE PINZA EMOSTATICA	106
COLLIER PELVIMETRO	605
COLLIER PORT'AGHI	208
COLLIN DINAMOMETRO	25
COLLIN DIVARICATORE	139
COLLIN DIVARICATORE ADDOMINALE	189/1
COLLIN DIVARICATORE ADDOMINALE	190
COLLIN ISTEROMETRO	586
COLLIN LOKTITE DIVARICATORE ADDOMINALE	191
COLLIN MARTELLO	270
COLLIN PELVIMETRO	605
COLLIN PINZA OMBELICALE	605
COLLIN PINZA PER AFFERRARE INTESTINI	539
COLLIN PINZA PER AFFERRARE L'UTERO	585
COLLIN PINZA PER AFFERRARE TESSUTI	110
COLLIN PINZA PER AGRAFES	224
COLLIN PINZA PER MEDICATURA	137
COLLIN PINZA TIRALINGUA	453
COLLIN SPECOLO VAGINALE	570
COLLIN-DUVAL PINZA DA PRESA	85
COLLIN-HARTMANN DIVARICATORE	141
COLTELLO ADENOIDE BECKMANN	450
COLTELLO ADENOIDE, BARNHILL	450
COLTELLO ADENOIDE, ST. CLAIR-THOMSON	450
COLTELLO AURICOLARE, POLITZER	408
COLTELLO AURICOLARE, SEXTON	408
COLTELLO FALCATO REDA	435
COLTELLO INTEROSSEO	44
COLTELLO LANCEOLARE, BERENS	372
COLTELLO LANCEOLARE, BOWMAN	372
COLTELLO LANCEOLARE, CASTROVIEJO	372
COLTELLO LANCEOLARE, JAEGER	372
COLTELLO LANCEOLARE, WHEELER	373
COLTELLO LANCEOLARE, ZIEGLER	373
COLTELLO NASALE, CONVERSE	435
COLTELLO NASALE, COTTLE	435
COLTELLO PER AMPUTAZIONE LISTON	44

COLTELLO PER AMPUTAZIONE, CATLIN	44
COLTELLO PER AMPUTAZIONE, LANGENBECK	44
COLTELLO PER AMPUTAZIONE, REDA	44
COLTELLO PER CARTILAGINE E DISSEZIONE, VIRCHOW	48
COLTELLO PER CARTILAGINI, LANGENBECK	47
COLTELLO PER CATARATTA, DEUTSCHMANN	371
COLTELLO PER CATARATTA, GRAEFE	371
COLTELLO PER CERVELLO	48
COLTELLO PER CERATPLASTICA, BARRAQUER	373
COLTELLO PER CERATPLASTICA, PAUFIGUE	373
COLTELLO PER DURA MADRE, KOOS	335
COLTELLO PER FALANGI	44
COLTELLO PER GESSI, ESMARCH	233
COLTELLO PER GESSI, HOPKINS	233
COLTELLO PER GESSI, REINER	233
COLTELLO PER GESSI, WIGMORE	229
COLTELLO PER GONIOTOMIA, BARKAN	373
COLTELLO PER GONIOTOMIA, SCHIE	373
COLTELLO PER IRIDE, DEAN	372
COLTELLO PER IRIDE, KNAPP	372
COLTELLO PER IRIDE, ZIEGLER	372
COLTELLO PER MENISCO, NEFF	292
COLTELLO PER MENISCO, SMILLIE	292
COLTELLO PER ORGANI	48
COLTELLO PER PERIOSTIO CON RASCHINO	47
COLTELLO PER RESEZIONE	47
COLTELLO PER SETTO NASALE, FREER	434
COLTELLO PER SETTO, BALLENGER	436
COLTELLO PER TONSILLE, ABRAHAM	466
COLTELLO PER TONSILLE, BRUENINGS	466
COLTELLO PER TONSILLE, CANFIELD	466
COLTELLO PER TONSILLE, CARPENTER	465
COLTELLO PER TONSILLE, DOUGLAS	466
COLTELLO PER TONSILLE, FISHER	466
COLTELLO, PLESTER	418
COLTELLO, ROSEN	418
COLTELLO, SCHUKNECHT	418
COLTELLO, TABB	418
COLTELLO, WULLSTEIN	418
COLUMPELLA PINZA, COTTLE	448
COLVER PINZA PER TONSILLE	467
COMBINAZIONE PER DIAGNOSTICA CON ILLUMINAZIONE ALOGENA, RI-MINI	17
COMBINAZIONE PER DIAGNOSTICA CON ILLUMINAZIONE STANDARD ECO "T"	16
COMBINAZIONE PER DIAGNOSTICA CON ILLUMINAZIONE STANDARD UNI I	13
COMBINAZIONE PER DIAGNOSTICA CON ILLUMINAZIONE STANDARD UNI II	14
COMBINAZIONE PER DIAGNOSTICA CON ILLUMINAZIONE STANDARD UNI III	15
COMPASSO, CASTROVIEJO	380
COMPASSO, IWANSON	624
COMPRESSORE STONE-WATT	545
CONE PINZA PER CRANIOTOMIA	331
CONNIN-AMSLER MARCATORE	380
CONVERSE COLTELLO NASALE	435
CONVERSE UNCINO NASALE	448
COOLEY DILATATORE	528
COOLEY CANNULA D'ASPIRAZIONE	28
COOLEY DIVARICATORE	148
COOLEY DIVARICATORE COSTALE	487
COOLEY PINZA CARDIOVASCULARE ATRAUMATICA	518, 519, 522
COOLEY PINZA PER CATETERI	510
COOLEY-DERRA PINZA PER ANASTOMOSI	519
COOLEY-NEONATAL DIVARICATORE COSTALE	485
COOPER AGO PER LEGATURE	219
COPERCIO PER PADELLA	621
CORDA DI TRAZIONE	201
CORDES INSERTO	472
CORONAL BLOW DIVARICATORE PER CHIRURGIA PLASTICA	198
CORVIN-HEGAR PINZA TORCIFILI	319
CORYLLOS COSTOTOMO	480
CORYLLOS DIVARICATORE	166
COS MIKRO-PINZA AURICOLARE	414
COSCIALE	295
COSTOTOMO	480
COSTOTOMO SAUERBRUCH-FREY	481
COSTOTOMO, BETHUNE	481
COSTOTOMO, BRUNNER	481
COSTOTOMO, CORYLLOS	480
COSTOTOMO, GIERTZ-STILLE	481
COSTOTOMO, GLUCK	480
COSTOTOMO, SAUERBRUCH	481
COSTOTOMO, STILLE	480
COTTLE COLUMELLA PINZA	448
COTTLE BULLDOG-FORBICI	56
COTTLE COLTELLO NASALE	435
COTTLE ELEVATORE PER SETTO	439
COTTLE FORBICI NASALI	59
COTTLE MARTELLO	273
COTTLE PINZA DA PRESA	410
COTTLE SCALPELLO PER SETTO	440
COTTLE SPECOLO NASALE	423
COTTLE UNCINO NASALE	447
COTTLE-JOSEPH ELEVATORE PER SETTO	439
COTTLE-KAZANJIAN CESOIA PER OSSA	241
COTTLE-NEIVERT UNCINO NASALE	448
COXETER CATETERE METALLICO	555
CRAFOOD-SELLORS PINZA EMOSTATICA	119
CRAFOORD FORBICI POLMONARE	65/2
CRAFOORD PINZA EMOSTATICA	118
CRANIOCLASTO, BRAUN	607
CRANIOCLASTO, TARNIER	607
CREGO ELEVATORE	282
CRILE DIVARICATORE	140
CRILE PINZA EMOSTATICA	107
CRILE PORT'AGHI	213
CRILE UNCINO PER NERVI	328
CRILE-MURRAY PORT'AGHI	209
CRILE-RANKIN PINZA EMOSTATICA	107
CRILE-WOOD PORT'AGHI	209
CRITCHETT BLEFAROSTATO	370
CRUTCHFIELD PERFORATORE	327
CRUTCHFIELD PINZA PER TRAZIONE CRANIALE	327
CUCCHIAIO AURICOLARE, GROSS	409
CUCCHIAIO OSTETRICO, SELLHEIM	607
CUCCHIAIO PER ABORTO, CUZZI	606
CUCCHIAIO PER ABORTO, WALLICH	607
CUCCHIAIO PER ASPORTAZIONE RETINALE, ARRUGA	378
CUCCHIAIO PER CALCOLI BILIARI MOOR	532
CUCCHIAIO PER CALCOLI BILIARI, DESJARDINS	534
CUCCHIAIO PER CALCOLI BILIARI, FERGUSON	533
CUCCHIAIO PER CALCOLI BILIARI, LUER-KOERTE	533
CUCCHIAIO PER CALCOLI BILIARI, MAYO	534
CUCCHIAIO PER CATERATTA, DAVID	377
CUCCHIAIO PER CATERATTA, GRAEFE	377
CUCCHIAIO PER CATERATTA, KNAPP	378
CUCCHIAIO PER ENUCLEAZIONE, WELLS	378
CUCCHIAIO PER ESTENTERAZIONE, BUNGE	378
CUCCHIAIO PER MEDICINALI	621
CUCCHIAIO PER SANGUE	268
CUCCHIAIO UTERINO GOURDET	599
CUCCHIAIO UTERINO SCHRÖDER	595
CUCCHIAIO UTERINO, SIMON	594
CULLER SPATOLA PER IRIDE	378
CURETTA ANTRUM	435
CURETTA ANTRUM, COAKLEY	449
CURETTA AURICOLARE, BUCK	407
CURETTA DA CALZIAZIO, AXENFELD	252
CURETTA DA CALZIAZIO, XENFELD	377

CURETTA DA CALAZIO, HEBRA	377	DE BAKEY PINZA VASCOLARE	493, 494, 495, 496, 497, 498, 499, 500, 505, 507, 508, 514, 515, 516, 517,	DILATATORE UTERINO PRATT	580
CURETTA DA CALAZIO, MEYHOEFER	377	DE BAKEY PORT'AGHI.....	210	DILATATORE UTERINO SIMS	581
CURETTA PER ABORTO, PESTALOZZA	606	DE BAKEY, PINZA ATRAUMATICA BULLDOG	100	DILATATORE UTERINO WYLIE	581
CURETTA PER BIOPSIA ED ASPIRAZIONE	600	DE BAKEY, PINZE ATRAUMATICHE	98	DILATATORE VASCOLARE DEBAKEY	529
CURETTA PER BIOPSIA, HEANY	587	DE BOER DIVARICATORE COSTALE.....	486	DINAMOMETRO, COLLIN	25
CURETTA PER BIOPSIA, KEVORKIAN	587	DE LEE FORCICE	602	DINGMAN ELEVATORE.....	463/3
CURETTA PER BIOPSIA, MOD.MÜNCHEN.....	587	DE MARTEL STRUMENTO CONDUTTRICE.....	330	DINGMANN ABBASSALINGUA	456
CURETTA PER BIOPSIA, NOVAK	587	DE MARTEL STRUMENTO CONDUTRICE	330	DINGMANN APRIBOCCA	456
CURETTA PER BIOPSIA, RANDALL	587	DE MARTEL-WOLFSON PINZA PER ANASTOMOSI	546	DINGMANN DIVARICATORE	463
CURETTA PER CORPI ESTRANEI ALVIS	374	DEAN COLTELLO PER IRIDE.....	372	DINGMANN PERIOTOTOMO	463
CURETTA PER IPOFISI	334	DEAN FORBICI PER TONSILLE.....	59	DINGMANN TENAGLIA PER OSSA	246
CURETTA PER LUPUS, FOX.....	608	DEAVER DIVARICATORE.....	145	DIPLOMAT SFIGMOMANOMETRO	5
CURETTA PER LUPUS, PIFFARD	608	DEAVER FORBICI PER DISSEZIONE	52	DISETTORE CORNEALE, PATON	373
CURETTA TAGLIENTE BRUNS	251, 254	DEAVER-GRIP DIVARICATORE	146	DISETTORE CORNEALE, ELSCHNIG	373
CURETTA TAGLIENTE DOPPIA VOLKMANN	257	DEBAKEY FORBICI VASCOLARI	61	DISETTORE CORNEALE, GILL	373
CURETTA TAGLIENTE VOLKMANN	251	DEBAKEY FORBICI VASCOLARI TC	60	DISETTORE CORNEALE, GREEN	374
CURETTA TAGLIENTE WILLIGER	255	DEBAKEY PINZA PER ANASTOMOSI	505	DISETTORE CORNEALE, SATO	373
CURETTA TAGLIENTE, BUSHE	256	DEBAKEY-BAHNSON PINZA ANEURISMA	506	DISETTORE CORNEALE, TOOK	373
CURETTA TAGLIENTE, DAUBENSPECK	255	DEBAKEY-DIETRICH MINI PINZA BULLDOG	101	DISETTORE GORNEY	277
CURETTA TAGLIENTE, HALLE	253	DEBAKEY-MOSQUITO PINZA EMOSTATICA	509	DISETTORE PER SACCO LACRIMALE, LANG	378
CURETTA TAGLIENTE, JACOBSON	257	DEBAKEY-PEAN PINZA EMOSTATICA	513	DISETTORE PER TONSILLE, HURD	465
CURETTA TAGLIENTE, JANSEN	257	DEBAKEY-RANKIN PINZA EMOSTATICA	512	DISETTORE PER TONSILLE, LOPEZ-REINKE	465
CURETTA TAGLIENTE, LEMPERT	256	DEBAKEY-SATINKY PINZA PER OCCLUSIONE TANGENZIALE	502	DISETTORE PER TONSILLE, YANKAUER	465
CURETTA TAGLIENTE, MARTINI	257	DEJERINE MARTELLO DA PERCUSSIONE	24	DISETTORE, FISCH	420
CURETTA TAGLIENTE, SCHEDE	251	DELEE DIVARICATORE	574	DISETTORE, PENFIELD	333
CURETTA TAGLIENTE, SCOVILLE	253	DEMEL AGO PASSAFILI	315	DISTRIBUTORE PER PERFORATORI FILIFORME	310
CURETTA TAGLIENTE, SPINAL	253	DEMEL STRUMENTO TENDIFILI	315	DISTRIBUTORE PER SPAZZOLINI	611
CURETTA TAGLIENTE, SPRATT	251	DENHART APRIBOCCA	454	DTTEL CANDELETTA DILATATRICE	554
CURETTA FAULKNER	449	DENIS-BROWNE DIVARICATORE ADDOMINALE	185	DIVARICATORE	463/3
CURETTA, HOUSE	420	DEPRESSORE PER EPIGLOTTIDE, REICHERT	471	DIVARICATORE ADDOMINALE BABY GOSSET	181
CURETTE UTERINI, BLAKE	595	DEPRESSORE UTERINO, BRAUN	586	DIVARICATORE ADDOMINALE BALFOUR	182
CURETTE UTERINI, BUMM	597	DERF PORT'AGHI	208	DIVARICATORE ADDOMINALE BALFOUR	183
CURETTE UTERINI, RECAMIER	597	DERMATOMO, HUMBY	50	DIVARICATORE ADDOMINALE BALFOUR BABY	182
CURETTE UTERINI, SIMS	597, 598	DERMATOMO, SILVER	50	DIVARICATORE ADDOMINALE BALFOUR-US	184
CURETTE UTERINI, THOMAS	599	DERMATOMOO, SCHINK	49	DIVARICATORE ADDOMINALE CHARNELY	289
CUSCO SPECOLO VAGINALE	570, 571	DERRA PINZA CARDIOVASCOLARE ATRAUMATICA	515	DIVARICATORE ADDOMINALE COLLIN	190
CUSHING (TAYLOR) PINZA TC	87	DERRICO UNCINO PER NERVI	329/2	DIVARICATORE ADDOMINALE COLLIN-LOKTITE	191
CUSHING DIVARICATORE	151	DECHAMPS AGO PER LEGATURE	218	DIVARICATORE ADDOMINALE COMPLETO KIRSCHNER	187/1
CUSHING DIVARICATORE	152	DEJARDINS CUCCHIAIO PER CALCOLI BILIARI	534		
CUSHING DIVARICATORE	153	DEJARDINS PINZA EMOSTATICA	121		
CUSHING PERFORATORE	299	DEJARDINS PINZA PER CALCOLI BILIARI	531		
CUSHING PINZA ANATOMICA	83	DEJARDINS SONDA PER CALCOLI BILIARI	532		
CUSHING PINZA CHIRURGICA	83	DESMARRES DIVARICATORE	151		
CUSHING PINZA TAGLIENTE PER LAMINECTOMIA	340	DESMARRES PINZA PER CALZIAZO	393		
CUSHING SPATOLA CEREBRALE	369	DEUTSCHMANN COLTELLO PER CATARATTA	371		
CUSHINGUNCINO PER NERVI	328	DEVILBISS PINZA PER CRANIOTOMIA	332		
CUZZI CUCCHIAIO PER ABORTO	606	DEVILBISS PINZA PER CRANIOTOMIA	332		
CZERNY PINZA PER ABBASSARE IL COLLO	584	DIAPASON	404		
DELL'UTERO	584	DIAPASON, HARTMANN	403		
CZERNY SPECOLO RETTALE	599	DIAPASON, LUCAE	404		
D		DIAPASON, REDA	403		
DANDY PINZA EMOSTATICA	109	DIAPASONN, RYDEL-SEIFFERT	404		
DANDY UNCINO PER NERVI	328	DIEFFENBACH PINZA VASCOLARE	104		
DARLING DIVARICATORE	178	DIETER MIKRO-PINZA AURICOLARE	414		
DARTIGUES PINZA PER AFFERRARE L'UTERO	585	DIETRICH PINZA MINI BULLDOG	101		
DASTOOR PINZA PER STRABISMO	386	DIETRICH FORBICI VASCOLARI	60		
DAUBENSPECK CURETTA TAGLIENTE	255	DIETRICH PINZA AORTA	510		
DAVIDSON(SCAPULA) DIVARICATORE	166	DILATATOR TRACHEALE LABORDE	476		
DAIELV CUCCHIAIO PER CATERATTA	377	DILATATORE COOLEY	528		
DAVIS AGO PER CORPI ESTRANEI	374	DILATATORE PER CANALE LACRIMALE, WILDER	381		
DAVIS DURA DISETTORE	332	DILATATORE PER CANALE LACRIMALE, ZIEGLER	381		
DAVIS PINZA PER STERILIZZAZIONE	227	DILATATORE PER CANALE LACRIMALE, CASTROVIEJO	381		
DAVIS SPATOLA CEREBRALE	337	DILATATORE PER CONDOTTI BILIARE, BAKES	532		
DAVIS-BOYLE ABBASSALINGUA	455	DILATATORE PER SENO FRONTALE RITTER-HALLE	433		
DAVIS-BOYLE APRIBOCCA	455	DILATATORE TRACHEALE, TROUSSEAU-BABY	476		
DAVIS-MEYER APRIBOCCA	457	DILATATORE TRACHEALE, TROUSSEAU	476		
DAY UNCINO	409	DILATATORE TUBBS	528		
DE BAKEY PINZE ATRAUMATICHE BULLDOG	103	DILATATORE UTERINO GOODELL	581		
DE BAKEY PINZE ATRAUMATICHE IN TITANIO	99	DILATATORE UTERINO HANK	580		
DE BAKEY CANNULA D'ASPIRAZIONE	28	DILATATORE UTERINO HEGAR	578, 579		
DE BAKEY DILATATORE VASCOLARE	529	DILATATORE UTERINO HEGAR	574		
DE BAKEY DIVARICATORE ADDOMINALE	189/1	DILATATORE UTERINO DELE	574		

DIVARICATORE FINSEN	168	DIVARICATORE, COOLEY	148	DOYEN PINZA INTESTINALE	540
DIVARICATORE HARRINGTON-PEMBERTON	147	DIVARICATORE, CORYLLOS	166	DOYEN PINZA PER POLIPI UTERINI	585
DIVARICATORE KIRSCHNER	187	DIVARICATORE, CRILE	140	DOYEN SPECILLO SCANALATO	199
DIVARICATORE KOCHER	155	DIVARICATORE, CUSHING	151	DOYEN SPECOLO VAGINALE	574
DIVARICATORE KOCHER	159	DIVARICATORE, DARLING	178	DOYEN TIRAMIOMI	594
DIVARICATORE KOCHER	160	DIVARICATORE, DAVIDSON (SCAPULA)	166	DOYEN-BABY PINZA INTESTINALE	540
DIVARICATORE KOCHER	163	DIVARICATORE, DEAVER	145	DOYEN-JANSEN(MOLT) APRIBOCCA	454
DIVARICATORE KÖNIG	153	DIVARICATORE, DEAVER GRIP	146	DOYEN-JANSEN(MOLT) APRIBOCCA	454
DIVARICATORE LANGENBECK	158	DIVARICATORE, DESMARRES	151	DOYEN-STILLE	167
DIVARICATORE LANGENBECK	159	DIVARICATORE, DINGMANN	463	DUBOIS FORBICI GINECOLOGICHE	63
DIVARICATORE MARTIN	175/1	DIVARICATORE, DOYEN	163	DUPLAY PINZA PER ABBASSARE IL COLLO	
DIVARICATORE MAYO-ADAMS	171	DIVARICATORE, DOYEN-STILLE	167	DELL'UTERO	582
DIVARICATORE MEYERDING	157	DIVARICATORE, FARABEUF	139	DUPLAY PINZA PER MEDICATURA	134
DIVARICATORE MEYERDING	177	DIVARICATORE, FRITSCH	163	DUPLEX STETOSCOPIO	23
DIVARICATORE MURPHY	156	DIVARICATORE, GIL-VERNET	152	DUPUY-WEISS AGO PER TONSILLE	466
DIVARICATORE NORFOLK-NORDWICH	172	DIVARICATORE, GOLET	141	DURA DISSETTORE	332
DIVARICATORE OBWEGESER	460, 461	DIVARICATORE, GREEN	160	DURA DISSETTORE, DAVIS	332
DIVARICATORE PELVICO, ST.MARKS	165	DIVARICATORE, HARRINGTON	147	DURA DISSETTORE, FRAZIER	333
DIVARICATORE PER CHIRURGIA PLASTICA BREAST	198	DIVARICATORE, HEANEY	164	DURA DISSETTORE, HOEN	333
DIVARICATORE PER CHIRURGIA PLASTICA CORONAL BLOW	198	DIVARICATORE, HENLEY	170	DURA DISSETTORE, HORSLEY	333
DIVARICATORE PER CHIRURGIA PLASTICA FERRIERA	197	DIVARICATORE, HIBBS	164	DURA DISSETTORE, MILLIGAN	332
DIVARICATORE PER CHIRURGIA PLASTICA FREEMAN	198	DIVARICATORE, HOESL	167	DURA DISSETTORE, OLIVECRONA	332
DIVARICATORE PER CHIRURGIA PLASTICA TEBBETS	197	DIVARICATORE, HOFER	465	DURA DISSETTORE, SACHS	332
DIVARICATORE PER CHIRURGIA PLASTICA YANOSKIE	198	DIVARICATORE, HOLZHEIMER	168	DURA DISSETTORE, TOENNIS	332
DIVARICATORE PER CORPI VERTEBRALI, CLOWARD	339	DIVARICATORE, ISRAEL	162	DURA DISSETTORE, WOODSON	333
DIVARICATORE PER CORPI VERTEBRALI, INGE	339	DIVARICATORE, JANSEN	168	DURANTE PINZA DA PRESA	88
DIVARICATORE PER GESSI REDA	232	DIVARICATORE, KELLY	164	DUVAL PINZA DA PRESA	85
DIVARICATORE PER GESSI, BEESON	232	DIVARICATORE, KELLY GRIP	142	DUVAL PINZA PER AFFERRARE INTESTINI	539
DIVARICATORE PER GESSI, HAGLUND-STILLE	232	DIVARICATORE, KOCHER-LANGENBECK	159		
DIVARICATORE PER GESSI, HENNIG	232	DIVARICATORE, KOERTE	162		
DIVARICATORE PER GUANCE, STERNBERG	453	DIVARICATORE, LAHEY	157	E	
DIVARICATORE PER LA PROSTATA, YOUNG	550	DIVARICATORE, LITTLE	157	ECHLIN PINZA SGORBIA	240
DIVARICATORE PER LABBRA	453	DIVARICATORE, LOVE	465	ECO "T" COMBINAZIONE PER DIAGNOSTICA CON ILLUMINAZIONE STANDARD	16
DIVARICATORE PER LAMINECTOMIA SCOVILLE	196	DIVARICATORE, MATHIEU	141	ELETTRODO A BISTURI	628
DIVARICATORE PER LAMINECTOMIA, CHERRY	488	DIVARICATORE, MEYERDING	180	ELETTRODO A SFERA MONOPOLARE	628, 629
DIVARICATORE PER SPINA CERVICALE CASPAR	179	DIVARICATORE, MIDDENDORF	160	ELETTRODO ADAGO MONOPOLARE	628, 629
DIVARICATORE PER SPINA CERVICALE CASPAR	180	DIVARICATORE, MIKULICZ	163	ELETTRODO AD ANSA MONOPOLARE	628, 629
DIVARICATORE PER TIROIDE, SCHOENBORN	479	DIVARICATORE, MOLLISON	171	ELETTRODO LANCEOLATA MONOPOLARE	628, 629
DIVARICATORE PER TORACE, MERCEDES	489	DIVARICATORE, MORRIS	164	ELEVATORE AURICOLARE ZAUFL	409
DIVARICATORE PERKINS	168	DIVARICATORE, NAGER	465	ELEVATORE AURICOLARE ZAUFL-JANSEN	409
DIVARICATORE ROSE	140	DIVARICATORE, OLLIER	162	ELEVATORE CHANDLER	282
DIVARICATORE SAUERBRUCH	164	DIVARICATORE, PARKER	139	ELEVATORE DINGMAN	463/3
DIVARICATORE SAUERBRUCH	166	DIVARICATORE, PLESTER	171	ELEVATORE PER GINOCCHIO, BLOUNT	289
DIVARICATORE SCALP-CONTOUR	169	DIVARICATORE, RAGNELL	140	ELEVATORE PER OSSA	286/1
DIVARICATORE SPINAL, TAYLOR	291	DIVARICATORE, RAMUS	461	ELEVATORE PER OSSA BUCK-GRAMCKO	285
DIVARICATORE STRANDELL-STILLE	157	DIVARICATORE, RICHARDSON	142	ELEVATORE PER OSSA LANE	290
DIVARICATORE TESSIER	463/3	DIVARICATORE, RICHARDSON GRIP	142	ELEVATORE PER OSSA LANE TRETHOWAN	290
DIVARICATORE TRACHEALE	476	DIVARICATORE, RICHARDSON-EASTMAN	142	ELEVATORE PER OSSA LANGE-HOHMANN	286
DIVARICATORE TRACHEALE, ITERSON	477	DIVARICATORE, ROUX	139	ELEVATORE PER OSSA VERBRUGGE-MÜLLER	286/2
DIVARICATORE TRACHEALE, JACKSON	476	DIVARICATORE, ROUX-BABY	140	ELEVATORE PER OSSA BENNETT	283
DIVARICATORE TRACHEALE, NEWS	477	DIVARICATORE, ROUX-MINI	140	ELEVATORE PER OSSA, BLOUNT	288
DIVARICATORE TRAVERS	172	DIVARICATORE, SENN-GREEN	153	ELEVATORE PER OSSA, BRISTOW	290
DIVARICATORE TUFFIER	147	DIVARICATORE, SENN-MILLER	143	ELEVATORE PER OSSA, HOHMANN	284, 285
DIVARICATORE VESCALE, LEGUE	553	DIVARICATORE, SIMON	164	ELEVATORE PER OSSA, HOHMANN	284, 285
DIVARICATORE VESCALE, MILLIN	552	DIVARICATORE, SPINA-NASALIS	461	ELEVATORE PER OSSA, HOHMANN MINI	286
DIVARICATORE VESCALE, MILLIN	553	DIVARICATORE, VOLKMANN	153	ELEVATORE PER OSSA, KOENIG	284
DIVARICATORE VESCALE, THOMSON-WALKER	552	DIVARICATORE, VOLKMANN	154	ELEVATORE PER OSSA, SMILLIE	291
DIVARICATORE VESCALE,JUDD-MASSON	552	DIVARICATORE, WEITLANER	169	ELEVATORE PER PERIOTISTO	463/2
DIVARICATORE VOLKMANN	156	DIVARICATORE, WEITLANER-WULLSTEIN	169	ELEVATORE PER SETTO FREER	437, 438
DIVARICATORE WULLSTEIN	171	DIVARICATORE, ZENKER	161	ELEVATORE PER SETTO HOWARTH	438
DIVARICATORE, ADSON	173	DIVARICATORE, US-ARMY PARKER-LANG	141	ELEVATORE PER SETTO MCKENTY	437
DIVARICATORE, ALM	168	DIVISORE PER CRANIO	267	ELEVATORE PER SETTO SINUS	438
DIVARICATORE, ANDERSON-ADSON	172	DIX SGORBIA PER CORPI ESTRANEI	374	ELEVATORE PER SETTO, BALLENGER	439
DIVARICATORE, BECKMANN	176	DIX STRUMENTI PER CORPI ESTRANEI	380	ELEVATORE PER SETTO, COTTLE	439
DIVARICATORE, BECKMANN-ADSON	175	DOUGHTY ABBASSALINGUA	458	ELEVATORE PER SETTO, COTTL-JOSEPH	439
DIVARICATORE, BECKMANN-EATON	176	DOUGLAS COLTELLO PER TONSILLE	466	ELEVATORE PER SETTO, HAJEK-BALLENGER	439
DIVARICATORE, BRUNNER	167	DOUGLAS PINZA DEPILATORIA	395	ELEVATORE PER SETTO, HALLE	437
DIVARICATORE, CLOWARD	178	DOYEN DIVARICATORE	163	ELEVATORE PER SETTO, JOSEPH	437
DIVARICATORE, COLLIN HARTMANN	141	DOYEN DIVARICATORE ADDOMINALE	189/1	ELEVATORE PER SETTO, KILLIAN	438
		DOYEN FORBICI GINECOLOGICHE	63	ELEVATORE PER SETTO, PENNINGTON	438
		DOYEN PINZA FISSATELI	133	ELEVATORE PER SETTO, PIERCE	438
		DOYEN PERIOTOTOSMO	278	ELEVATORE PER SETTO, ROGER	437
		DOYEN PINZA FISSATELI	133	ELEVATORE PER TONSILLE, HENKE	465

ELEVATORE QUERVAIN.....	275	FISCH UNCINO	335	FORBICI PER DISSEZIONE, LEXER	53
ELEVATORE SEBILEAU.....	275	FISCH DISSETTORE	420	FORBICI PER DISSEZIONE, LEXER-BABY	53
ELEVATORE, ALDERDYCE	282	FISCHER PINZA PER IRIDE	384	FORBICI PER DISSEZIONE, LEXER-BABY TC	53
ELEVATORE, BOIES	277	FISH SPECILLO.....	199	FORBICI PER DISSEZIONE, MAYO-NOBLE	52
ELEVATORE, CREGO	282	FISHER COLTELLO PER TONSILLE	466	FORBICI PER DISSEZIONE, METZENBAUM	53/1
ELEVATORE, FREER	434	FOERSTER PINZA PER IRIDE	383	FORBICI PER DISSEZIONE, METZENBAUM FINO	53/1
ELEVATORE, KEY	282	FOERSTER PINZA PER MEDICATURA	136	FORBICI PER DISSEZIONE, METZENBAUM TC	53/1
ELEVATORE, LEMPERT	420	FOMON FORBICI NASALI	58	FORBICI PER DISSEZIONE, TOENNIS-ADSON	65
ELEVATORE, MCDONALD,19CM	283	FOMON FORBICI PER RINOPLASTICA	65/1	FORBICI PER DISSEZIONE, WELLER	53/2
ELEVATORE, MURPHY-LANE	283	FOMON PERIOTOTOMO	277	FORBICI PER DISSEZIONE, METZENBAUM FINO TC	53/1
ELEVATORE, SAYRE	281	FOMON RASPAS NASALE	444	FORBICI PER DURAMADRE, SCHMIEDEN-TAYLOR	65/1
ELEVATORE, WATSON-CHEYNE.....	283	FOMON SCALPELLO PER SETTO	441	FORBICI PER ENTEROTOMIA	66
ELLIOT FORCIPÉ	602	FOMON TC RASPAS NASALE	445	FORBICI PER EPISIOTOMIA, BRAUN-STADLER	64
ELLIS SGORIA PER CORPI ESTRANEI.....	374	FOMON UNCINO PER LA PELLE	447/1	FORBICI PER EPISIOTOMIA, WALDMANN	64
ELSCHING DISSETTORE CORNEALE	373	FORBICE PER IL SETTO NASALE, KILLIAN	471	FORBICI PER FILO DI METALLO E LAMIERA, UNIVERSAL	67
ELSCHING SPATOLA PER CICLODIALISI	379	FORBICE PER LE UNGHIE	609	FORBICI PER INCISIONE	52
ELSCHNIG PINZA CAPSULARE	391	FORBICE PER PELLE	610	FORBICI PER ISTERECTOMIA, WERTHEIM	63
ELSCHNIG PINZA FISSATRICE	389	FORBICI BULLDOG COTTE	56	FORBICI PER LEGATURE, HEATH	66
EMMETT UNCINO PER FISTOLE	594	FORBICI CORNEALI, CASTROVIEJO	79	FORBICI PER LEGATURE, LITTAUER	66
ENDOSPECULO KOGAN	577	FORBICI GINECOLOGICHE, DOYEN	63	FORBICI PER LEGATURE, NORTHBENT	66
ENGEL SEGÀ PER GESSI	229	FORBICI GINECOLOGICHE, DUBOIS	63	FORBICI PER LEGATURE, SPENCER	66
ENUCLEATORE PER TENDINI, BRAND	294	FORBICI GINECOLOGICHE, SIEBOLD	62	FORBICI PER NEUROCHIRURGIA	65
ENUCLEATORE PER TENDINI, BUNELL	292	FORBICI GINECOLOGICHE, SIMS	62	FORBICI PER NEUROCHIRURGIA, STRULLY	65
EPKER OSTEOTOMI	464/2	FORBICI GINGIVALI, GOLDMAN-FOX	67	FORBICI PER OFTALMOLOGIA	57
EPPENDORFER PINZA PER BIOPSIA	590	FORBICI GINGIVALI, LA GRANGE	69	FORBICI PER OFTALMOLOGIA, GRADLE	57
ERRICO PERFORATORE	299	FORBICI GINGIVALI, LOCKLIN	69	FORBICI PER OFTALMOLOGIA, AEBLI	58
ESMARCH BENDA PER COMPRESSIONE	297	FORBICI GINGIVALI, QUINBY	67	FORBICI PER OFTALMOLOGIA, STEVENS	58
ESMARCH COLTELLO PER GESSI	233	FORBICI GRAEFE	56	FORBICI PER PARAMETRIO	63
ESMARCH FORBICI PER BENDAGGI	69/2	FORBICI NASALI	429	FORBICI PER RINOPLASTICA FOMON	65/1
ESTENSIONE DELL'ARTICOLAZIONE	188	FORBICI NASALI, COTTLE	59	FORBICI PER STERNO SCHUMACHER	481
ESTRATTORATE, KUENTSCHER	322	FORBICI NASALI, FOMON	58	FORBICI PER STRABISMO	58
ETHICON PINZA APPLICATORE CLIPS	524, 525	FORBICI NASALI, HEYMANN	58	FORBICI PER STRABISMO	58
EVES SERRANDI PER TONSILLE	468	FORBICI OCULISTICHE WESTCOTT	75	FORBICI PER TONSILLE	59
EXACTA SIGMOMANOMETRO	8	FORBICI OCULISTICHE, BARRAQUER	75	FORBICI PER TONSILLE, BOETTCHER	59
F		FORBICI OCULISTICHE, NOYES	75	FORBICI PER TONSILLE, DEAN	59
FACE LIFT FORBICI FREEMAN	74	FORBICI OCULISTICHE, VANNAS	79	FORBICI PER TONSILLE, GOOD	59
FACE LIFT FORBICI GORNEY	73	FORBICI OCULISTICHE, WECKER	75	FORBICI PER TONSILLE, PRINCE	59
FACE LIFT FORBICI KAYE	73	FORBICI PER BENDAGGI	70	FORBICI POLMONARE, CRAFOORD	65/2
FACE LIFT FORBICI REES	73	FORBICI PER BENDAGGI, BERGMANN	69/1	FORBICI TORACALI, THOREK	65/2
FANSLER PROCTOSCOPE	565	FORBICI PER BENDAGGI, BRUNS	70	FORBICI VASCOLARI DEBAKEY TC	60
VARABEUF DIVARICATORE	139	FORBICI PER BENDAGGI, ESMARCH	69/2	FORBICI VASCOLARI, DE BAKEY	61
VARABEUF PERIOTOTOMO	274	FORBICI PER BENDAGGI, KNOWLES	70	FORBICI VASCOLARI, DIETRICH	60
VARABEUF TENAGLIA PER OSSA	243	FORBICI PER BENDAGGI, LISTER	69/1	FORBICI VASCOLARI, FAVALORO	61
VARABEUF-COLLIN PERIOTOTOMO	274	FORBICI PER BENDAGGI, LORENZ	70	FORBICI VASCOLARI, KELLY	61
VARABEUF-LAMBOTTE TENAGLIA PER OSSA	243	FORBICI PER BENDAGGI, REDA EXCENTER	69/2	FORBICI VASCOLARI, KLINKENBERG-LOTH	65/2
FARRELL PORTACOTONE	203	FORBICI PER BENDAGGI, SEUTIN	69/2	FORBICI VASCOLARI, POTTS-DE MARTEL	59
FAULKNER CURETTA	449	FORBICI PER BENDAGGI, SMITH US ARMY	69/1	FORBICI VASCOLARI, POTTS-SMITH	61
FAURE PINZA PER BIOPSIA	588	FORBICI PER BENDAGGI, UNIVERSAL	70	FORBICI VASCOLARI, SATINSKY	65/2
FAURE PINZA PERITOONEALE	123	FORBICI PER CAPSULA, RESANO	53/2	FORBICI WAGNER	67
FAVALORO FORBICI VASCOLARI	61	FORBICI PER CARTILAGINE, MARTIN	65/1	FORCIPÉ, BARTON	603
FEHLAND PINZA INTESTINALE	542	FORBICI PER CARTILAGINE, MCINDOE	65/1	FORCIPÉ, BOERMA	604
FEILCHENFELD PINZA PER SCHEGGE	91	FORBICI PER CHIRURGIA FINE, IRIS	54	FORCIPÉ, DE LEE	602
FELDHEIM PINZA PER OSSA	249	FORBICI PER CHIRURGIA FINE, JOSEPH	54	FORCIPÉ, ELLIOT	602
FERGUSSON CUCCHIAIO PER CALCOLI BILIARI	533	FORBICI PER CHIRURGIA FINE, REYNOLDS	54	FORCIPÉ, KIELLAND	602
FERGUSSON FORBICI PER CHIRURGIA	66	FORBICI PER CHIRURGIA FINE, SANVENERO	54	FORCIPÉ, KIELLAND-LUIKART	603
FERGUSSON FRAZIER CANNULA D'ASPIRAZIONE	337	FORBICI PER CHIRURGIA STANDARD	51	FORCIPÉ, LUIKART	603
FERGUSSON PINZA EMORROIDALE	109	FORBICI PER CHIRURGIA, FERGUSON	66	FORCIPÉ, MCLEAN	603
FERGUSSON TENAGLIA PER OSSA	243	FORBICI PER CHIRURGIA, METZENBAUM	54	FORCIPÉ, MCLEAN-LUIKART	603
FERRIERA DIVARICATORE PER CHIRURGIA PLASTICA	197	FORBICI PER CHIRURGIA, SYSTRUNK	66	FORCIPÉ, MCLEAN-TUCKER	603
FERRIS-SMITH PINZA CHIRURGICA	84	FORBICI PER CORDA OMBELICALE, BUSCH	64	FORCIPÉ, MCLEAN-TUCKER-LUIKART	603
FERRIS-SMITH PINZA TAGLIENTE PER		FORBICI PER CORDA OMBELICALE, MOD.USA	64	FORCIPÉ, NAEGELE	602
DISCHI INTERVERTEBRALI	344, 344/2	FORBICI PER CORDA OMBELICALE, SCHUMACHER	64	FORCIPÉ, PIPER	604
FICHOCHIETTO-BABY DIVARICATORE COSTALE	482, 484	FORBICI PER CORONA, BEEBEE	68	FORCIPÉ, SIMPSON	602
FICHOCHIETTO PINZA PER BRONCHI	490	FORBICI PER DISSEZIONE	52	FORCIPÉ, SIMPSON-BRAUN	602
FICHOCHIETTO DIVARICATORE COSTALE	484	FORBICI PER DISSEZIONE DEAVER	52	FORCIPÉ, SIMPSON-LUIKART	603
FICHOCHIETTO PORT'AGHI	211	FORBICI PER DISSEZIONE MAYO	52	FORCIPÉ, WRIGLEY	602
FICHOCHIETTO-BURFORD DIVARICATORE COSTALE	483	FORBICI PER DISSEZIONE MAYO, TC	52	FOREGGER LARINGOSOCPIO	29
FINSSEN DIVARICATORE	168	FORBICI PER DISSEZIONE MAYO-STILLE	52	FOREGGER LARINGOSOCPIO SET	31
		FORBICI PER DISSEZIONE MAYO-STILLE	52	FOX CURETTA PER LUPUS	608
		FORBICI PER DISSEZIONE MAYO-STILLE, TC	52	FRAENKEL INSERTO	472
		FORBICI PER DISSEZIONE METZENBAUM	53/1	FRAENKEL PINZA PER POLIPI LARINGEI	471
		FORBICI PER DISSEZIONE, JORGENSEN	53	FRANCIS AGO PER CORPI ESTRANEI	374

FRANKLIN-SILVERMANN AGO PER BIOPSIA	206	GRAFFA PER IL CUOIO CAPELLUTO, RANEY	327
FRAZIER DIVARICATORE ADDOMINALE	181	GRAHAM UNCINO PER NERVI	329
FRAZIER DURA DISSETTORE	333	GRAIG PINZA NASALE	426
FRAZIER UNCINO PER LA PELLE	149	GRAVE SPECOLO VAGINALE	570
FREEMAN DIVARICATORE PER CHIRURGIA PLASTICA	198	GRAY PINZA EMOSTATICA	121
FREEMAN FACE LIFT FORBICI	74	GREEN DISSETTORE CORNEALE	374
FRER COLTELLO PER SETTO NASALE	434	GREEN DIVARICATORE	160
FRER ELEVATORE	434	GREEN PINZA FISSATRICE	390
FRER ELEVATORE PER SETTO	437	GREEN UNCINO PER IL STRABISMO	375
FRER SCALPELLO PER SETTO		GREEN-ARMYTAGE PINZA UTERINA PER EMOSTASI	605
FRER UNCINO PER LA PELLE	448	GREGORY PINZA CARDIOVASCULARE ATRAUMATICA	517
FRENZEL ABBASSALINGUA	451	GREVEN MIKRO-PINZA AURICOLARE	414
FRENZEL OCCHIALI NISTAGMO	20	GROSS CUCCHIAIO AURICOLARE	409
FRIEDMANN MINI PINZA SGORBIA	234	GROSS-MAIER PINZA PER MEDICATURA	134
FRIEDMANN SPECOLO VAGINALE	577	GRUBER SPECOLO AURICOLARE	399
FRITSCH DIVARICATORE	163	GUAINA PER VITI	325
FRYKHOLM PINZA SGORBIA	240	GUIDA CONDUTTRICE	321
FUCHS PINZA CAPSULARE	391	GUIDA TENDINI, BUNELL	294
FUCHSIG PINZA EMOSTATICA	113	GUILEN CANNULA PER ASPIRAZIONE	433/1
 G		GUTHRIE UNCINO PER LA PELLE	149
GALLAHER RASPA NASALE	446	GUYON CANDELLA DILATATRICE	554
GASS UNCINO	376	GUYON INTRODUTTORE PER CATETERI	554
GAUSS PINZA PER IL CUOIO CAPELLUTO	605	GUYON PINZA EMOSTATICA	122
GELPI DIVARICATORE ADDOMINALE	189/1	GUYON PINZA RENALE	122
GELPI DIVARICATORE ADDOMINALE	189/2	GUYTON-LUNDSGAARD SCLEROTOMO	373
GEMINI PINZA EMOSTATICA	115	 H	
GERALD PINZA ANATOMICA86	HABERER SPATOLA ADDOMINALE E INTESTINALE	143/1
GERALD PINZA CHIRURGICA87	HAGLUND-STILLE DIVARICATORE PER GESSI	232
GERSTER PINZA PER OSSA	250	HAIGHT DIVARICATORE COSTALE	487
GERZOG MARTELLO	270	HAJEK MARTELLO	273
GHIGLIOTTINA PER TAGLIARE FILI 32CM	320	HAJEK SCALPELLO PER SETTO	442/1
GIERTZ-STILLE COSTOTOMO	481	HAJEK-BALLANGER ELEVATORE PER SETTO	439
GIGLI SEGA	332	HAJEK-KOFLER PINZA SFENOIDALE	430, 431
GILL DISSETTORE CORNEALE	373	HALLE CURETTA TAGLIENTE	253
GILL PINZA PER IRIDE	384	HALLE ELEVATORE PER SETTO	437
GILL-ARRUGA PINZA CAPSULARE	390	HALSEY PORT'AGHI	208
GILL-HESS PINZA PER IRIDE	384	HALSTED-MOSQUITO PINZA EMOSTATICA	105
GILLES PINZA CHIRURGICA86	HANK DILATATORE UTERINO	580
GILLES PORT AGHI	212	HARGIS ELEVATORE PER PERIOTSTIO	463/2
GILLES UNCINO PER LA PELLE	448	HARGIS SEPARATORE PER IL CORPO	
GIL-VERNET DIVARICATORE	152	MANDIBOLARE	463/6
GIUNTO DI PROLUNGAMENTO	299	HARKEN PINZA AURICULA	503
GLOVER BULLDOG PINZA ATRAUMATICA	100	HARMS, SONDA	381
GLOVER BULLDOG PINZA ATRAUMATICA	103	HARRINGTON DIVARICATORE	147
GLOVER PINZA VASCOLARE	515	HARRINGTON PINZA PER BRONCHI	490
GLUCK COSTOTOMO	480	HARRINGTON-PEMBERTON DIVARICATORE	147
GOELET DIVARICATORE	141	HARTMANN ABBASSALINGUA	452
GOLDMANN-FOX FORBICI GINGIVALI67	HARTMANN CANNULA PER IRRIGAZIONE	433
GOMEL MICRO FORBICI80	HARTMANN CATETERE AURICOLARE	408
GOMEL MICROPINZA CHIRURGICA96	HARTMANN DIAPASON	403
GONIOMETRO PER LE DITA25	HARTMANN PINZA PER CORPI ESTRANEI	412
GONIOMETRO, MOELTGEN25	HARTMANN PINZA EMOSTATICA	104
GOOD FORBICI PER TONSILLE59	HARTMANN PINZA PER POLPI	424
GOODELL DILATATORE UTERINO	581	HARTMANN SPECOLO AURICOLARE	399
GORNEY DISSETTORE	277	HARTMANN SPECOLO NASALE	422
GORNEY FACE LIFT FORBICI73	HARTMANN-HALLE SPECOLO NASALE	421
GOSSET DIVARICATORE ADDOMINALE	181	HARTMANN-HOFFMANN PINZA PER CORPI	
GORDET CUCCHIAIO UTERINO	599	ESTRANEI	412
GRADE FORBICI PER OFTALMOLOGIA57	HARTMANN-WULLSTEIN PINZA PER CORPI	
GRADE PINZA DEPILATORIA	395	ESTRANEI	412
GRAEFE BLEFAROSTATO	370	HAUGH MIKRO-PINZA AURICOLARE	414
GRAEFE CISTOTOMO	375	HAYES PINZA PER ANASTOMOSI DEL RETTO	545
GRAEFE COLTELLO LANCEOLARE	372	HEANEY PINZA PER ISTERECTOMIA	126
GRAEFE COLTELLO LANCEOLARE	372	HEANEY PORT'AGHI	210
GRAEFE COLTELLO PER CATARATTA	371	HEANY CURETTA PER BIOPSIA	587
GRAEFE CUCCHIAIO PER CATERATTA377	HEANY DIVARICATORE	164
GRAEFE FORBICI56	HEANY-BALLENTE PINZA PER ISTERECTOMIA	127
GRAEFE PINZA DA PRESA83	HEATH FORBICI PER LEGATURE66
GRAEFE PINZA FISSATRICE389	HEATH MARTELLO	273
GRAEFE PINZA PER IRIDE382	HEBRA CURETTA DA CALAZIO	377
GRAEFE UNCINO	149	HEGAR DILATATORE UTERINO	578, 579
GRAEFE UNCINO PER IL STRABISMO	375	HEGENBARTH PINZA PER AGRAFES	224
		HEIFETZ SPATOLA CEREBRALE	369
		HEIMING PINZA PER CALCOLI RENALI	536
		HEISS PINZA EMOSTATICA	112
		HEISTER APRIBOCCA454
		HENKE ELEVATORE PER TONSILLE465
		HENK DIVARICATORE170
		HENNIG DIVARICATORE PER GESSI232
		HEPP-SCHEIDL MICRO FORBICI78
		HERRICK PINZA PER PEDUNCULO RENALE123
		HESS PINZA CAPSULARE391
		HESS PINZA PER IRIDE384
		HESS UNCTION PER NERVI329/1
		HEYMANN PINZA PER SETTO NASALE425
		HEYMANN FORBICI NASALI58
		HEYMANN-KNIGHT PINZA AURICOLARE425
		HEYWOOD-SMITH PINZA PER EMORROIDI567
		HIBBS OSTEOTOMO265
		HIBBS DIVARICATORE164
		HIBBS SCALPELLO265
		HIBBS SGORBIA265
		HILL-FERGUSON SPECOLO RETTALE560
		HIRSCHMAN SPATOLA PER CICLODIALISI379
		HIRSCHMANN ANOSCOPO562
		HOEN DURA DISSETTORE333
		HOESL PORT'AGHI213
		HOESL PORT'AGHI213
		HOFER DIVARICATORE465
		HOFFMANN PINZA SERRATUBI624
		HOHMANN MINI ELEVATORE PER OSSA286
		HOLINGER LARINGOSCOPIO PER OPERAZIONE37
		HOLLINGER PORTATORE DI LUCE37
		HOLSLER UNCINO PER RADICI DEI NERVI329/1
		HOLTH PINZA TAGLIENTE PER CAPSULA380
		HOLZBACH PINZA PER ISTERECTOMIA126
		HOLZBACH PINZA PER ISTERECTOMIA126
		HOLZHEIMER DIVARICATORE168
		HOPKINS COLTELLO PER GESSI233
		HORGAN DIVARICATORE ADDOMINALE183
		HORIZON PINZA APPLICATORE CLIPS524, 525
		HORSLEY DURA DISSETTORE333
		HÖSEL DIVARICATORE167
		HOUSE CURETTA337/2
		HOWARTH ELEVATORE PER SETTO438
		HUBER MANICO UNIVERSALE472
		HUDSON MANICO A T300
		HUDSON PERFORATORE A MANO299
		HULKA PINZA PER ABBASSARE IL COLLO	
		DELL'UTERO583
		HUMBY DERMATOMO50
		HUNTER PINZA PER SCHEGGE91
		HURD DISSETTORE PER TONSILLE465
		 I	
		I.U.D. PINZA DA PRESA FLESSIBILE, SERPENTINE593
		I.U.D. UNCINO ESTRATTORE593
		IMPATTATORE322
		IMPATTATORE / ESTRATTATORE322
		IMPATTATORE FINALE, KUENTSCHER321
		INGE DIVARICATORE PER CORPI VERTEBRALI339
		INSERTO, BARACANI472
		INSERTO, BRUENINGS472
		INSERTO, CORDES472
		INSERTO, FRAENKEL472
		INSERTO, FRAENKEL472
		INSERTO, KRAUSE472
		INSERTO, LANGE472
		INSERTO, SCHEINMANN472
		INSERTO, SCHUMACHER472
		INSERTO, SEIFERT472
		INSOFFIATORE D'ARIA, POLITZER406
		INSOFFIATORE PER POLVERE, KABERSKE405
		INSTRU-CARE OLIO PER STRUMENTI634

INTRODUTTORE PER CATETERI GUYON	554
IOWA AGO DI GUIDA.....	206
IOWA PINZA PER ABBASSARE IL COLLO DELL'UTERO	584
IRIS FORBICI	54
IRIS FORBICI, KNAPP	55
IRIS FORBICI, LITTLER.....	55
IRIS SUPERCUT FORBICI	72
ISRAEL DIVARICATORE	162
ISTEROMETRO VALLEIX	586
ISTEROMETRO, COLLIN	586
ISTEROMETRO, MARTIN	586
ISTEROMETRO, SIMS.....	586
ITERSON DIVARICATORE TRACHEALE	477
IVES-FANSLER ANOSCOPO	562, 563
IWANSON COMPASSO.....	624

J

JACKSON BURROWS DIVARICATORE ADDOMINALE	189/2
JACKSON DIVARICATORE TRACHEALE.....	476
JACKSON LARINGOSCOPIO PER OPERAZIONE	37
JACKSON PINZA PER AFFERRARE TENDINI DA PRESA.....	292
JACKSON PINZA PER POLIPI LARINGEI.....	471
JACKSON SPECOLO VAGINALE.....	573
JACOBS PINZA PER ABBASSARE IL COLLO DELL'UTERO	583
JACOBSON CURETTA TAGLIENTE	257
JACOBSON PINZA EMOSTATICA	105
JACOBSON PORT'AGHI	215
JACOBSON SONDA BOTTUNUTA	335
JACOBSON UNCINO PER DURA MADRE	335
JAEGER COLTELLO LANCEOLARE	372
JAEGER PLACCA PER PALPEBRE	371
JAMESON PINZA PER STRABISMO	385
JAMESON UNCINO PER IL STRABISMO	375
JANSEN CURETTA TAGLIENTE	257
JANSEN DIVARICATORE	168
JANSEN PINZA AURICOLARE	424
JANSEN PINZA SGORBIA	237
JARCHO PINZA PER ABBASSARE IL COLLO DELL'UTERO	583
JAVID PINZA PER CAROTIDE	511
JENNINGS APRIBOCCA	454
JENSEN CANNULA OCULISTICA	394
JOBSON-HORNE PORTACOTONE	203
JOHNS-HOPKINS BULLDOG PINZA.....	104
JOHNS-HOPKINS PINZA APPLICATRICE	104
JOHNS-HOPKINS PINZA EMOSTATICA	120
JOHNSON PORT'AGHI.....	211
JONES PINZA FISSATELI	132
JORGENSEN FORBICI PER DISSEZIONE	53
JOSEPH (LEWIS) RASPA NASALE	443
JOSEPH COLTELLO NASALE	434
JOSEPH ELEVATORE PER SETTO	437
JOSEPH FORBICI PER CHIRURGIA	54
JOSEPH PERIOTOTOMO	277
JOSEPH RASPA NASALE	443
JOSEPH SEGA NASALE	446
JOSEPH UNCINO PER LA PELLE	149
JUDD-ALLIS PINZA PER AFFERRARE INTESTINI	538
JUDD-MASSON DIVARICATORE VESICALE	552
JUERS MIKRO-PINZA AURICOLARE	414
JURASZ PINZA PER POLIPI LARINGEI.....	471

K

KABERSKE INSOFFIATORE PER POLVERE	405
KADER SPATOLA ADDOMINALE ED INTESTINALE	143/1
KALLMORGEN SPECOLO VAGINALE.....	573
KALT PINZA CAPSULARE	391
KALT, PORT'AGHI	214
KALT-ARRUGA PORT'AGHI	214
KANE PINZA OMBOLECALE	605
KANTROWITZ PINZA EMOSTATICA.....	119/1
KAYE FACE LIFT FORBICI	73

KEINSASSER LARINGOSCOPIO PER OPERAZIONE	35
KEITH AGO.....	223
KELLY DIVARICATORE	164
KELLY FORBICI VASCOLARI.....	61
KELLY GRIP DIVARICATORE	142
KELLY PINZA EMOSTATICA	106
KELLY PINZA PER POLIPI UTERINI	585
KELLY PROCTOSCOPO	562, 563
KELLY-RANKIN PINZA EMOSTATICA	106
KERN TENAGLIA PER OSSA.....	244
KERRISON PINZA TAGLIENTE NASALE	428
KEVORKIAN CURETTA PER BIOPSIA	587
KEVORKIAN PINZA PER BIOPSIA	589
KEVORKIAN-PACIFIC PINZA PER BIOPSIA	592
KEY ELEVATORE	282
KEYES TREFINA CUTANEA	608
KIELLAND FORCIP	602
KIELLAND-LUIKART FORCIP	603
KILLIAN PER IRRIGAZIONE	433, 433/1
KILLIAN CANNULA PER IRRIGAZIONE	433, 433/1
KILLIAN FORBICE PER IL SETTO NASALE	471
KILLIAN SGORBIA	442/1
KILLIAN SPECOLO NASALE	423
KILLIAN-CLAUS SGORBIA PER SETTO	442/1
KILNER FORBICI PER CHIRURGIA	54
KILNER PORT'AGHI	212
KILNER SUPERCUT FORBICI	72
KILNER UNCINO NASALE	447/1
KILNER UNCINO PER LA PELLE	608
KILNER-DOUGHTY APRIBOCCA	456
KIRBY-ARTHUR PINZA PER IRIDE	385
KIRK MARTELLO	270
KIRSCHNER ARCO PER ESTENSIONE	312
KIRSCHNER DIVARICATORE ADDOMINALE	185
KIRSCHNER DIVARICATORE ADDOMINALE	187
KIRSCHNER DIVARICATORE ADDOMINALE	187
KIRSCHNER COMPLETO	187/1
KIRSCHNER PERFORATORE A MANO	299
KIRSCHNER PERFORATORI FILIFORME	306, 307
KIRSCHNER SPECOLO DI GUIDA SCANALATO	221
KIRSCHNER US ARCO PER ESTENSIONE	312
KIRSCHNER TELAIO PIEGABILE	187
KIT PER AUTOPSIA IN ASTUCCIO DI LEGNO	269
KLAPP DIVARICATORE	150
KLEINERT-KUTZ PINZA PER AFFERRARE TENDINI	294
KLEINERT-KUTZ PINZA SGORBIA	237
KLEINERT-KUTZ UNCINO PER LA PELLE	149
KLEINSASSER BRACCIO PORTALARINGOSCOPIO	36
STERNALE	36
KLEINSASSER CANNULA DA INIEZIONE	36
KLEINSASSER CANNULA D'ASPIRAZIONE	36
KLEINSASSER PORTATORE DI LUCE FREDDA A FIBRE DI VETRO	36
KLEINSCHMIDT PINZA PER APPENDICE	544
KLINKENBERGH-LOTH	65/2
KNAPP COLTELLO PER IRIDE	372
KNAPP CUCCHIAIO PER CATERATTA	378
KNAPP IRIS FORBICI	55
KNAPP UNCINO DIVARICATORE	375
KNAPP-LUER PINZA PER TRACOMA	393
KNIGHT PINZA PER SETTO NASALE	425
KNOWLES FORBICI PER BENDAGGI	70
KOCHER DIVARICATORE	155
KOCHER DIVARICATORE	159
KOCHER DIVARICATORE	160
KOCHER DIVARICATORE	163
KOCHER PINZA EMOSTATICA	108
KOCHER PINZA INTESTINALE	540
KOCHER SONDA PER GOZZO	479
KOCHER SPATOLA VESICALE	552
KOCHER-LANGENBECK DIVARICATORE	159
KOENIG AGO	223
KOERTE DIVARICATORE	162
KOGAN ENDOSPECOLO	577
KÖNIG DIVARICATORE	153
KÖNIG ELEVATORE PER OSSA	284
KÖNIG PERIOTOTOMO	276
KÖNIG SPECOLO DI GUIDA SCANALATO	221
KOOS COLTELLO PER DURA MADRE	335
KÖRTE SPATOLA ADDOMINALE ED INTESTINALE	143/1
KRAUSE INSERTO	472
KRAUSE SERRANOIDI	411
KRAUSE SERRANOIDI	433/2
KRAUSE-VOSS SERRANOIDI	433/2
KRAYENBÜHL UNCINO PER NERVI	336
KRISTELLER SPECOLO VAGINALE	572
KROENIG ABBASSALINGUA	451
KRONECKER AGO PER LEGATURE	219
KUGLEN UNCINO	376
KUHNT RASCHIATOIO CORNEALE	373
KÜMMEL SPATOLA ADDOMINALE	144
KUMMEL SPATOLA ADDOMINALE E INTESTINALE	143/2
KÜNTSCHER ALESATORE PER FEMORE	321
KÜNTSCHER ALESATORE PER L'APERTURA DEL MIDOLLO	321
KÜNTSCHER ESTRATTOR	322
KÜNTSCHER IMPATTATORE FINALE	321

L

LA FORCE AGO PER CORPI ESTRANEI	374
LA FORCE COLTELLO ADENOIDE	450
LA GRANGE FORBICI GINGIVALI	69
LABORDE DILATATORE TRACHEALE	476
LACRIMAL CANNULA OCULISTICA	394
LAHEY DIVARICATORE	157
LAHEY PINZA EMOSTATICA	119/2
LAHEY PINZA PER GOZZO	479
LAHEY UNCINO ACUTO	149
LAMA DI RASOIO	45
LAMA DI RICAMBIO	49
LAMA DI RICAMBIO, STERILE	50
LAMA PER OSTEOTOMI	266
LAMA PER SCALPELLI	266
LAMBERT PINZA PER CALAZIO	393
LAMBERT-KAY PINZA PER ANASTOMOSI	505
LAMBERT-LOWMAN PINZA PER OSSA	249
LAMBOTTE OSTEOTOMO	261
LAMBOTTE TENAGLIA PER OSSA	244
LAME PER BISTURI, STERILI	42
LAME PER BISTURI, STERILI	42
LAMPADA FRONTALE, CLAR	22
LANCASTER BLEFAROSTATO	371
LANDAU SPECOLO VAGINALE	577
LANDOLT PINZA DA PRESA PER TUMORI	341
LANE CACCIAVITE	323, 324
LANE ELEVATORE PER OSSA	290
LANE PIEGAPLACCHE	325
LANE PINZA CHIRURGICA	84
LANE PINZA FISSATELI	133
LANE PINZA PORTAPLACCHE	325
LANE PINZA PORTAVITI	325
LANE PINZA STOMACALE	547
LANE TENAGLIA PER OSSA	244
LANE TRETHOWAN ELEVATORE PER OSSA	290
LANG DISSETTORE PER SACCO LACRIMALE	378
LANGE INSERTO	472
LANGE UNCINO PER LE PINNE NASALI	448
LANGE-HOHMANN ELEVATORE PER OSSA	286
LANGENBECK ANSA AURICOLARE	409
LANGENBECK COLTELLO PER AMPUTAZIONE	44
LANGENBECK COLTELLO PER CARTILAGINI	47
LANGENBECK DIVARICATORE	158
LANGENBECK DIVARICATORE	159
LANGENBECK PERIOTOTOMO	275
LANGENBECK PORT'AGHI	213
LANGENBECK SEGA PER DITA	296

LANGENBECK TENAGLIA PER OSSA	243	LOWMAN-HOGLUND PINZA PER OSSA.....	249	MATHIEU PINZA PER CORPI ESTRANEI.....	553/1
LANGENBECK-GREEN DIVARICATORE.....	153	LUBET-BARBON PINZA NASALE PER TAMPONI.....	424	MATHIEU PORT'AGHI.....	213
LARINGOSCOPIO MC INTOSH	29	LUC PINZA PER SETTO NASALE	426	MATHIEU SPECOLE RETTAL.....	560
LARINGOSCOPIO MILLER	30	LUCAE AGO PER PARACENTESI.....	408	MATHIEU-OLSEN PORT'AGHI.....	212
LARINGOSCOPIO PER OPERAZIONE KLEINSASSER	35	LUCAE DIAPASON	404	MATSON PERIOTOTOMO	279
LARINGOSCOPIO FOREGGER.....	29	LUCAE MARTELLO	271	MATSON-ALEXANDER PERIOTOTOMO	279
LARSEN PINZA PER AFFERRARE TENDINI	292	LUCAE PINZA AURICOLARE.....	410	MAUNDER APRIBOCCA DI LEGNO	459
LAWRENCE PINZA EMOSTATICA	119	LUCAE UNCINO	409	MAXI GRASPER PINZA PER BIOPSIA	593
LEBSCHE SCALPELLO PER STERNO	267	LUER CANNULA TRACHEALE	479	MAYFIELD PINZA SGORBIA	238
LEES PINZA PER BRONCHI.....	504	LUER DIVARICATORE	140	MAYO ABBASSALINGUA	451
LEGATORE EMORROIDALE, MC GIVNEY	568	LUER PINZA SGORBIA	236	MAYO CUCCHIAIO PER CALCOLI BILIARI	534
LEGATORE EMORROIDALE, RUDD	568	LUER-KOERTE CUCCHIAIO PER CALCOLI BILIARI	533	MAYO FORBICI PER DISSEZIONE	52
LEGUEU SPATOLA VESCALE	553	LUIKART FORCIP.....	603	MAYO PINZA	89
LEKSELL(STILLE) PINZA SGORBIA	240	LUIKART-BILL TRATTORE	604	MAYO SONDA PER CALCOLI BILIARI	534
LELAND-JONES PINZA VASCOLARE	494	LUNDGAARD SCLEROTOMO	373	MAYO SPILLONE PER STERILIZZAZIONE	227
LEMPERT CURETTA TAGliente	256	LUNIATSCHEK TAMPONATORE	465	MAYO SUPERCUT FORBICI	71
LEMPERT ELEVATORE	420	 M		MAYO-ADAMS DIVARICATORE	171
LEMPERT PINZA SGORBIA	237	MAGILL PINZA PER INTRODUZIONE SONDE	28	MAYO-BLAKE PINZA PER CALCOLI BILIARI	531
LERCHE PINZA DA PRESA	83	MAGLIA METALLICA PER ESTENSIONE	311	MAYO-COLLINS DIVARICATORE	141
LERICHE PINZA EMOSTATICA	111	MALTZ (COTTLÉ) RASPA NASALE	444	MAYO-COLLINS DIVARICATORE-SET	141
LERICHE SPATOLA ADDOMINALE E INTESTINALE	143/2	MALTZ RASPA NASALE	443	MAYO-HABERISSE PINZA TORCIFILI	319
LESINA	304	MANICI PER LAMA BISTURI	38	MAYO-HEGAR PORT AGHI	209
LESINA, PERTHES	304	MANICI PER LAMA BISTURI	39	MAYON-GUYON PINZA EMOSTATICA	122
LESTER PINZA FISSATRICE	389	MANICI PER LAMA BISTURI	39/1	MAYO-NOBLE FORBICI PER DISSEZIONE	52
LEVA PER CORPI ESTRANEI, BUCK	412	MANICI PER LAMA BISTURI	39/2	MAYO-ROBSON PINZA INTESTINALE	541
LEVA PER CORPI ESTRANEI, QUIRE	412	MANICI PER LAMA BISTURI	40	MAYO-STILLE FORBICI PER DISSEZIONE	52
LEVA Piegaplacche, Lane	325	MANICI PER LAMA BISTURI	41	MAYO-STILLE SUPERCUT FORBICI	71
LEVINSON AGO PER CORPI ESTRANEI	374	MANICO	266	MC DONALD ELEVATORE	283
LEWIN TENAGLIA PER OSSA	246	MANICO	300	MC INDO CESIO PER OSSA	241
LEXER BABY FORBICI PER DISSEZIONE	53	MANICO A BATTERIA PER LUCE CALDA	32	MC INTOSH LARINGOSCOPIO	29
LEXER FORBICI PER DISSEZIONE	53	MANICO A BATTERIA PER LUCE CALDA	34	MC INTOSH LARINGOSCOPIO SET	31
LEXER MINI SGORBIA	263	MANICO A BATTERIA PER LUCE FREDDA	33	MC KENZIE PERFORATORE	299
LEXER OSTEOTOMO	263	MANICO A T, HUDSON	300	MCCULLOUGH PINZA PER STRABISMO	385
LEYLA SISTEMA DI FISSAGGIO	368, 368/1, 368/2, 368/3, 368/4	MANICO CON ATTACCO RAPIDO	301	MCGEE MIKRO-PINZA AURICOLARE	414
LICHTENBERG PORT'AGHI	213	MANICO D'ASPIRAZIONE WULLSTEIN	338	MCGINNIE UNCINO	419
LICHTWITZ CANNULA	433	MANICO PER STRUMENTI MICROLARINGEI	475	MCGINNIE YOUNG LEGATORE EMORROIDALE	568
LICHTWITZ TREQUARTO PER SENO MASCELLARE	204	MANICO UNIVERSALE, HUBER	472	MCGINNIE PINZA EMORROIDALE	568
LIEBERMANN BLEFAROSTATO	371	MANO DI PIOMBO	250	MCINDOE PINZA CHIRURGICA	65/1
LIMA PER OSSA	294	MARCATORE,CONNIN-AMSLER	380	MCINDOE PINZA OCULISTICA	85
LIMA PER OSSA	612/1	MARQUARDT PINZA SGORBIA	239	MCINTYRE CANNULA OCULISTICA	394
LIMETTA PER LE UNGHIE	610	MARSCHIK PINZA PER TONSILLE	468	MCIVOR APRIBOCCA	457
LISTER FORBICI PER BENDAGGI	69/1	MARTEL PINZA DA PRESA	110	MCKENTY ELEVATORE PER SETTO	437
LISTER SUPERCUT FORBICI	72	MARTELLO DI PERCUSSIONE, BABINSKY	24	MCKENZIE PINZA POSA CLIPS	326
LISTER(SINUS) TUPFERZA	137	MARTELLO DI PERCUSSIONE, BERLINER	24	MCLEAN FORCIP	603
LISTER-BURCH BLEFAROSTATO	370	MARTELLO DI PERCUSSIONE, BUCK	24	MCLEAN-LUIKART FORCIP	603
LISTON CESOIA PER OSSA	241	MARTELLO DI PERCUSSIONE, TAYLOR	24	MCLEAN-TUCKER-LUIKART FORCIP	603
LISTON COLTELLO PER AMPUTAZIONE	44	MARTELLO DI PERCUSSIONE, TROEMNER	24	MCPHERSON PINZA PER FILO	392
LITTAUER FORBICI PER LEGATURE	66	MARTELLO IN PLASTICA	271	MEAD MARTELLO	271
LITTAUER PINZA AURICOLARE	411	MARTELLO, BERGMANN	272	MEAD PINZA SGORBIA	235
LITTAUER PINZA DEPILATORIA	395	MARTELLO, COLLIN	270	MEEKER PINZA EMOSTATICA	119
LITTAUER PINZA PER POLIPI	425	MARTELLO, COTTE	273	MEHDORN CLIPS PER VASI	362
LITTLE DIVARICATORE	157	MARTELLO, GERZOG	270	MEHDORN PINZA POSA CLIPS	362
LITTLLER IRIS FORBICI	55	MARTELLO, HAJEK	273	MELLINGER BLEFAROSTATO	370
LITTLEWOOD PINZA PER AFFERRARE INTESTINI	538	MARTELLO, HEATH	273	MELLINGER-AXENFELD BLEFAROSTATO	370
LOCKHART-MUMMERY SPECILO PER FISTOLE	200	MARTELLO, KIRK	270	MENGHINI AGO PER BIOPSIA	206
LOCKLIN FORBICE GINGIVALI	69	MARTELLO, LUCAE	271	MERCEDES DIVARICATORE PER TORACE	489
LOCKWOOD-ALLIS PINZA PER AFFERRARE INTESTINI	538	MARTELLO, MEAD	271	MERIAM PINZA DENTALE	93
LONDON-COLLEGE PINZA DENTALE	93	MARTELLO, OMBREDANNE	273	METZENBAUM FINO TC FORBICI PER DISSEZIONE	53/1
LOPEZ-REINKE DISSETTORE PER TONSILLE	465	MARTELLO, PARTSCH	271	METZENBAUM FORBICI PER CHIRURGIA	54
LORENZ FORBICI PER BENDAGGI	70	MARTELLO, QUISING	271	METZENBAUM FORBICI PER DISSEZIONE	53/1
LORNA PINZA FISSATELI	133	MARTELLO, WILLIGER	271	METZENBAUM PORT'AGHI	211
LOUTE STRUMENTO TENDIFILI	315	MARTIN DIVARICATORE	175/1	METZENBAUM SUPERCUT FORBICI	71
LOVE DIVARICATORE	465	MARTIN FORBICI PER CARTILAGINE	65/1	METZENBAUM TC FORBICI PER DISSEZIONE	53/1
LOVE UNCINO PER NERVI	329/2	MARTIN ISTEROMETRO	586	MEYERDING DIVARICATORE	157
LOVE UNCINO PER RADICI DEI NERVI	330	MARTIN PELVIMETRO	605	MEYERDING DIVARICATORE	177
LOVE-GRUENWALD PINZA TAGliente PER		MARTIN TENAGLIA PER OSSA	246	MEYERDING DIVARICATORE	180
LAMINECTOMIA	340	MARTIN TINETTA TAGliente	257	MEYHOEFER CURETTA DA CALAZIO	377
LOVELACE PINZA EMOSTATICA	109	MASING-NEIVERT UNCINO NASALE	447/1	MICHEL AGRAFES	224
LOVELACE PINZA PER AFFERRARE IL POLMONE	490	MASSON PORT'AGHI	210	MICHEL PINZA PER AGRAFES	224
LOWER PINZA EMOSTATICA	120	MASTIN PINZA MUSCOLARE	479	MICHEL SPECCHIO LARINGEO	423
LOWMAN PINZA PER OSSA	249	MATHIEU DIVARICATORE	141	MICRO FORBICI	76
				MICRO FORBICI	77
				MICRO FORBICI	78

MICRO FORBICI AURICOLARI, BELLUCCI.....	413	MUSEUX PINZA PER ABBASSARE IL COLLO	
MICRO FORBICI AURICOLARI, SHEA	413	DELL'UTERO	583
MICRO FORBICI, GOMEL	80	MYLES PINZA NASALE	427
MICRO FORBICI, HEPP-SCHEIDEL	78	 N	
MICRO FORBICINE, BELLUCCI	417	NABATOFF SET PER VARICI IN SCATOLA DI METALLO	201
MICRO FRIEDMANN PINZA SGORBIA	234	NAEGELE FORCIPÉ	602
MICRO PINZA AURICOLARE	415	NAGER AGO PER TONSILLE	466
MICRO PINZA AURICOLARE A CUCCHIAIO		NAGER DIVARICATORE	465
WULLSTEIN	416	NEFF COLTELLO PER MENISCO	292
MICRO-HARTMANN PINZA EMOSTATICA	104	NEGUS PINZA PER TONSILLE	467
MICROPINZA CHIRURGICA, GOMEL	96	NEGUS SUPPORTO PER PETTO	459
MICROVASCULAR PORTAGHI.....	210	NEVERT PORTAGHI	208
MIDDLEDORP DIVARICATORE	160	NEVERT-ANDERSON OSTEOTOMO NASALE	442
MIDDLETON-JANSEN PINZA PER SETTO NASALE	430	NELATON SPECILLO SCANALATO	199
MIKRO COLTELLO FALCATO	475	NELSON AGO PER LEGATURE	219
MIKRO SEPERATORE	475	NELSON STANDARD TREQUARTO	204
MIKRO UNCINO	475	NELSON TREQUARTO	205
MIKRO-PINZA AURICOLARE	413	NEONATAL PINZA VASCOLARE CASTANEDA	527
MIKRO-PINZA AURICOLARE, COS.....	414	NEWS DIVARICATORE TRACHEALE	477
MIKRO-PINZA AURICOLARE, DIETER.....	414	NISSEN PINZA EMOSTATICA	113
MIKRO-PINZA AURICOLARE, GREVEN	414	NORFOLK-NORWICH DIVARICATORE	172
MIKRO-PINZA AURICOLARE, HAUGH	414	NORTHBENT FORBICI PER LEGATURE	66
MIKRO-PINZA AURICOLARE, JUERS.....	414	NOTO PINZA PER POLIPI UTERINI	585
MIKRO-PINZA AURICOLARE, MC GEE	414	NOVA, SFIGMOMANOMETRO	6,7
MIKULICZ DIVARICATORE	163	NOVAK CURETTA PER BIOPSIA	587
MIKULICZ PINZA INTESTINALE	543	NOYES FORBICI OCULISTICHE	75
MIKULICZ PINZA PERITONEALE	123	NOYES PINZA PER POLIPI	425
MIKULICZ-BABY PINZA PERITONEALE	123	 O	
MILLER LARINGOSCOPIO	30	OBWEGESER AGO DI INTRODUZIONE	463
MILLER RASPA NASALE	444	OBWEGESER AGO DI INTRODUZIONE	463/3
MILLIGAN DURA DISSETTORE	332	OBWEGESER DIVARICATORE	460, 461
MILLIN DIVARICATORE VESICALE	552	OBWEGESER OSTEOTOMO A LAMA	464/1
MILLIN DIVARICATORE VESICALE	553	OBWEGESER PERIOTOTOMO	461, 462, 463
MILLIN PINZA CAPSULARE DA PRESA	551	OCCIALI NISTAGMO FRENZEL	20
MILLIN PINZA DA PRESA PER LA PROSTATA	551	OCHSNER TREQUARTO	205
MINI MANICO CON ATTACCO RAPIDO	301	O'CONNER UUNCINO PER IRIDE	375
MINI-LAMBOTTE OSTEOTOMO	262	OEHLER PINZA CHIRURGICA	81/1
MINIMUS II, SFIGMOMANOMETRO	11	OLDBERG PINZA TAGLIENTE PER LAMINECTOMIA	341
MINIMUS III, SFIGMOMANOMETRO	12	OLIO PER STRUMENTI INSTRU CARE	634
MIXTER PINZA CURVA AD "S"	116	OLIVA NASALE POLITZER	406
MIXTER PINZA PER CALCOLI BILIARI	531	OLIVECRONA DURA DISSETTORE	332
MIXTER-BABY PINZA EMOSTATICA	119/1	OLIVECRONA PINZA SGORBIA	237
MIXTER-O'SHAUGNESSY PINZA EMOSTATICA	119/2	OLIVECRONA SEGA IN FILO D'ACCIAIO	332
MOD. BONN PINZA PER IRIDE	387	OLIVECRONA SPATOLA CEREBRALE	336
MOD. TÜBINGEN PINZA PER IRIDE	387	OLIVECRONA-TOENNIS (SCOVILLE)	326
MOD. MÜNCHEN CURETTA PER BIOPSIA	587	OLIVECRONA-TOENNIS PINZA POSA CLIPS	326
MOD. VIENNA SPECULO NASALE	421	OLLIER DIVARICATORE	162
MODELLATORE PER CHIODI, BENDER	322	OLSEN-HEGAR PORTAGHI	212
MODELLO RUSSO, PINZA DA PRESA	85	OMBREDANNE MARTELLO	273
MODELLO STRASBURG PINZA CHIRURGICA	89	OSTEOTOME, COTTE	440
MOELTGEN GONIOMETRO	25	OSTEOTOMI	259
MOGEN STRUMENTO PER CIRCONCISIONE	556	OSTEOTOMI	464
MOLLISON DIVARICATORE	171	OSTEOTOMI EPKER	464/2
MOLT PERIOTOTOMO	276	OSTEOTOMO A LAMA OBWEGESER	464/1
MONOPOLAR ELEKTRODEN ANSAN	628, 629	OSTEOTOMO LEXER	263
MOOR CUCCHIAIO PER CALCOLI BILIARI	532	OSTEOTOMO MINI-LAMBOTTE	262
MOORE PERFORATORE A MANO	298	OSTEOTOMO NASALE NEVERT-ANDERSON	442
MOORFIELD PINZA PER SUTURA	392	OSTEOTOMO PER SETTO, COTTE	440
MORGAN PROCTOSCOPO	565	OSTEOTOMO PER SETTO, FOMON	441
MORITZ-SCHMIDT ABBASSALINGUA	452	OSTEOTOMO PER SETTO, SHEEHAN	441
MORRIS DIVARICATORE	164	OSTEOTOMO, HIBBS	265
MORRIS-DEBAKEY PINZA AORTA	506	OSTEOTOMO, LAMBOTTE	261
MORSE DIVARICATORE COSTALE	484	OSTEOTOMO, SMITH-PETERSEN	261
MORSE-FAVALORO DIVARICATORE COSTALE	484	OSTEOTOMO, STILLE	260
MORSETTO PER SISTEMA BRACCIO	189	OSTETOTOMO PER SETTO RUBIN	440
MOYNIHAN PINZA EMOSTATICA	120	OSTROEM PINZA TAGLIENTE PER SETTO NASALE	430
MOYNIHAN PINZA FISSATELI	133	OSTROEM PINZA TAGLIENTE PER SETTO NASALE	430
MOYNIHAN SONDA PER CALCOLI BILIARI	532	O'SULLIVAN-O'CONNOR DIVARICATORE	181
MUELLER BLEFAROSTATO	371	O'SULLIVAN-O'CONNOR SPECULO VAGINALE	576
MÜLLER CLIPS PER VASI	364,365	PADELLA	621
MURDOCH BLEFAROSTATO	370	PARK BLEFAROSTATO	371
MURPHY DIVARICATORE	156	PARKER DIVARICATORE	139
MURPHY-LANE ELEVATORE	283	PARTSCH MARTELLO	271
		PARTSCH SCALPELLO	259
		PARTSCH SGORBIA	259
		PASSOW PESTELLO DA TAMPOONARE	260
		PATON DISSETTORE CORNEALE	373
		PAUFIQUE COLTELLO PER CERATOPLASTICA	373
		PAUFIQUE PINZA PER FILO	392
		PAYR SCHIACCIATORE PER L'INTESTINO E LO	
		STOMACO	548
		PAYR SPECILLO DI GUIDA SCANALATO	221
		PEAN PINZA DA PRESA	110
		PEAN PINZA EMOSTATICA	108
		PECK-JOSEPH FACE LIFT FORBICI	74
		PECK-JOSEPH FACE LIFT FORBICI	74
		PEDERSON SPECULO VAGINALE	570
		PEENFIELD DISSETTORE	333
		PEERS PINZA FISSATELI	132
		PEET RASPA PER SCHEGGE	92
		PELTZMAN PINZA PER MEDICATURA	137
		PELVIMETRO, COLLIER	605
		PELVIMETRO, COLLIN	605
		PELVIMETRO, MARTIN	605
		PENNINGTON ELEVATORE PER SETTO	438
		PENNINGTON PINZA EMOSTATICA	109
		PERCY RETRATTORE	296
		PERFORATORE A MANO, BUNELL	299
		PERFORATORE A MANO, HUDSON KPLT	299
		PERFORATORE A MANO, KIRSCHNER	299
		PERFORATORE A MANO, MOORE	298
		PERFORATORE A MANO, RALK	300
		PERFORATORE A MANO, STILLE	298
		PERFORATORE A MANO, STILLE-SHERMAN	298
		PERFORATORE ELICOIDALE	302
		PERFORATORE INTRAMIDOLLARE	322
		PERFORATORE, CRUTCHFIELD	327
		PERFORATORE, CUSHING	299
		PERFORATORE, ERRICO	299
		PERFORATORE, MC KENZIE	299
		PERFORATORE, SMELLIE	607
		PERFORATORI FILIFORME KIRSCHNER	306, 307
		PERIOTOTOMO	279
		PERIOTOTOMO MOLT	276
		PERIOTOTOMO SELDIN	277
		PERIOTOTOMO, ADSON	282
		PERIOTOTOMO, ALEXANDER	276
		PERIOTOTOMO, COBB	280
		PERIOTOTOMO, DINGMANN	463
		PERIOTOTOMO, DOYEN	278
		PERIOTOTOMO, FARABEUF	274
		PERIOTOTOMO, FARABEUF-COLLIN	274
		PERIOTOTOMO, FOMON	277
		PERIOTOTOMO, JOSEPH	277
		PERIOTOTOMO, KOENIG	276
		PERIOTOTOMO, LAMBOTTE	274
		PERIOTOTOMO, LANGENBECK	275
		PERIOTOTOMO, MATSON	279
		PERIOTOTOMO, MATSON-ALEXANDER	279
		PERIOTOTOMO, OBWEGESER	461, 462, 463
		PERIOTOTOMO, SEMB	278
		PERIOTOTOMO, WILLIGER	276
		PERKINS DIVARICATORE	168

PERTHES LESINA	304
PESTALOZZA CURETTA PER ABORTO	606
PESTELLO DA TAMPONARE, PASSOW	260
PETZ APPARECCHIATURA DI SUTURA	
GASTRO-INTESTINALE	549
PHANEUF PINZA PERITONEALE	123
PIERCE ELEVATORE PER SETTO	438
PIERCE TREQUARTO PER SENO MASCELLARE	204
PIFARD CURETTA PER LUPUS	608
PILLING PINZA APPLICATORE CLIPS SMAL	524, 525
PINAR STETOSCOPIO	23
PINZA PER CORPI ESTRANEI, HARTMANN	412
PINZA PER CORPI ESTRANEI, HARTMANN-HOFFMANN	412
PINZA PER CORPI ESTRANEI, HARTMANN-WULLSTEIN	412
PINZA VASCOLARE, WANGENSTEEN	89
PINZA AD ASTA TUBOLARE PER MICROCHIRURGIA	474
PINZA ANATOMICA STANDARD	81
PINZA ANATOMICA, ADSON	82
PINZA ANATOMICA, ADSON MICRO	82
PINZA ANATOMICA, BONNEY	88
PINZA ANATOMICA, BONNEY	88
PINZA ANATOMICA, BROPHY	84
PINZA ANATOMICA, CUSHING	83
PINZA ANATOMICA, GERALD	86
PINZA ANATOMICA, MCINDOE	85
PINZA ANATOMICA, MOD.USA	81
PINZA ANATOMICA, POTT-SMITH	81
PINZA ANATOMICA, SEMKEN	86
PINZA ANATOMICA, STILLE	81
PINZA ANATOMICA, TAYLOR	87
PINZA ANATOMICA, TC	81
PINZA ANEURISMA DEBAKEY-BAHNSON	506
PINZA AORTA DIETRICH	510
PINZA AORTA MORRIS-DEBAKEY	506
PINZA ATRAUTICA BULLDOG, DE BAKEY	100
PINZA ATRAUTICA BULLDOG, GLOVER	100
PINZA ATRAUTICA IN TITANIO, DEBAKEY	99
PINZA ATRAUTICA PER NEONATI E BAMBINI	523
PINZA ATRAUTICA TC DEBAKEY	99
PINZA AURICOLARE, HARTMANN	411
PINZA AURICOLARE, HEYMANN-KNIGHT	425
PINZA AURICOLARE, JANSEN	424
PINZA AURICOLARE, LITTAUER	411
PINZA AURICOLARE, LUcae	410
PINZA AURICOLARE, TILLEY	411
PINZA AURICOLARE, TROELTSCH	424
PINZA AURICOLARE, WILDE (TROELTSCH)	410
PINZA AURICULA, HARENK	503
PINZA BIPOLARE	630, 631
PINZA BIPOLARE A BAIONETTA	631, 632
PINZA CAPSULARE DA PRESA, MILLIN	551
PINZA CAPSULARE, ARRUGA	391
PINZA CAPSULARE, CASTROVIEJO	391
PINZA CAPSULARE, ELSCHNIG	391
PINZA CAPSULARE, FUCHS	391
PINZA CAPSULARE, GILL-ARRUGA	390
PINZA CAPSULARE, HESS	391
PINZA CAPSULARE, KALT	391
PINZA CAPSULARE, SCHWEIGER	391
PINZA CAPSULARE, TERSER	391
PINZA CARDIOVASCOLARE ATRAUMATICA	526
PINZA CARDIOVASCOLARE ATRAUMATICA COOLEY	518, 519, 522
PINZA CARDIOVASCOLARE ATRAUMATICA DERRA	515
PINZA CARDIOVASCOLARE ATRAUMATICA GREGORY	517
PINZA CHIRURGICA GERALD	87
PINZA CHIRURGICA POTTS SMITH	81
PINZA CHIRURGICA STANDARD	81/1
PINZA CHIRURGICA WAUGH	83
PINZA CHIRURGICA, ADSON	82
PINZA CHIRURGICA, ADSON MICRO	82
PINZA CHIRURGICA, ADSON-BROWN	82
PINZA CHIRURGICA, BONNEY	88
PINZA CHIRURGICA, BROPHY	84
PINZA CHIRURGICA, CUSHING	83
PINZA CHIRURGICA, FERRIS-SMITH	84
PINZA CHIRURGICA, GILLIES	86
PINZA CHIRURGICA, LANE	84
PINZA CHIRURGICA, MCINDOE	85
PINZA CHIRURGICA, MOD.USA	81/1
PINZA CHIRURGICA, OEHLER TC	81/1
PINZA CHIRURGICA, SEMKEN	86
PINZA CHIRURGICA, STILLE	81/1
PINZA CHIRURGICA, TAYLOR	87
PINZA COPERCHIO REDA	615
PINZA CURVA AD "S" MIXTER	116
PINZA DA PRESA	316,317
PINZA DA PRESA COTTE	410
PINZA DA PRESA PER FILI KIRSCHNER	305
PINZA DA PRESA PER LA PROSTATA, MILLIN	551
PINZA DA PRESA PER TONSILLE ABRAHAM	468
PINZA DA PRESA PER TUMORI, LANDOLT	341
PINZA DA PRESA, COLLIN-DUVAL	85
PINZA DA PRESA, DURANTE	88
PINZA DA PRESA, DUVAL	85
PINZA DA PRESA, GRAEFE	83
PINZA DA PRESA, LERCHE	83
PINZA DA PRESA, MARTEL	110
PINZA DA PRESA, MODELO RUSSO	85
PINZA DA PRESA, PEAN	110
PINZA DA PRESA, PRATT	110
PINZA DA PRESA, WILLET MARTEL	110
PINZA DENTALE LONDON-COLLEGE	93
PINZA DENTALE MERIAM	93
PINZA DEPILATORIA BEER	395
PINZA DEPILATORIA, BARRAQUER	395
PINZA DEPILATORIA, DOUGLAS	395
PINZA DEPILATORIA, GRADLE	395
PINZA DEPILATORIA, LITTAUER	395
PINZA DEPILATORIA, REDA	395
PINZA EMORROIDALE FERGUSSON	109
PINZA EMORROIDALE, MCGIVNEY	568
PINZA EMOSTATICA BIRKETT	116
PINZA EMOSTATICA BRIDGE	116
PINZA EMOSTATICA COLLER-CRILE	106
PINZA EMOSTATICA DEBAKEY-MOSQUITO	509
PINZA EMOSTATICA DEBAKEY-PEAN	513
PINZA EMOSTATICA DEBAKEY-RANKIN	512
PINZA EMOSTATICA FUCHSIG	113
PINZA EMOSTATICA KANTROWITZ	119/1
PINZA EMOSTATICA KOCHER	108
PINZA EMOSTATICA NISSEN	113
PINZA EMOSTATICA OVERHOLT	114
PINZA EMOSTATICA PEAN	108
PINZA EMOSTATICA WIKSTROEM	117
PINZA EMOSTATICA, ADSON	112
PINZA EMOSTATICA, ADSON-BABY	113
PINZA EMOSTATICA, BAINBRIDGE	119/2
PINZA EMOSTATICA, BENGOLEA	112
PINZA EMOSTATICA, CRAFOORD	118
PINZA EMOSTATICA, CRAFOORD-SELLORS	119
PINZA EMOSTATICA, CRILE	107
PINZA EMOSTATICA, CRILE-RANKIN	107
PINZA EMOSTATICA, DANDY	109
PINZA EMOSTATICA, DESJARDINS	121
PINZA EMOSTATICA, GEMINI	115
PINZA EMOSTATICA, GRAY	121
PINZA EMOSTATICA, GUYON	122
PINZA EMOSTATICA, HALSTED-MOSQUITO	105
PINZA EMOSTATICA, HARTMANN	104
PINZA EMOSTATICA, HEISS	112
PINZA EMOSTATICA, JACOBSON	105
PINZA EMOSTATICA, JOHNS-HOPKINS	120
PINZA EMOSTATICA, KELLY	106
PINZA EMOSTATICA, KELLY-RANKIN	106
PINZA EMOSTATICA, LAHEY	119/2
PINZA EMOSTATICA, LAWRENCE	119
PINZA EMOSTATICA, LERICHE	111
PINZA EMOSTATICA, LOVELACE	109
PINZA EMOSTATICA, LOWER	120
PINZA EMOSTATICA, MAYO-GUYON	122
PINZA EMOSTATICA, MEEKER	119
PINZA EMOSTATICA, MICRO-HARTMANN	104
PINZA EMOSTATICA, MIXTER	119/1
PINZA EMOSTATICA, MIXTER-BABY	119/1
PINZA EMOSTATICA, MOYNIHAN	120
PINZA EMOSTATICA, O'SHAUGNESSY	119/2
PINZA EMOSTATICA, PENNINGTON	109
PINZA EMOSTATICA, PROVIDENCE-HOSPITAL	106
PINZA EMOSTATICA, ROBERTS	117
PINZA EMOSTATICA, ROCHESTER-CARMALT	109
PINZA EMOSTATICA, ROCHESTER-OCHSNER	108
PINZA EMOSTATICA, ROCHESTER-PEAN	108
PINZA EMOSTATICA, RUMEL	117
PINZA EMOSTATICA, SAROT	118
PINZA EMOSTATICA, SPENCER-WELLS	109
PINZA EMOSTATICA, STILLE	122
PINZA EMOSTATICA, TOENNIS	117
PINZA EMOSTATICA, ZENKER	118
PINZA EMOSTATICA, OVERHOLT-BABY	114
PINZA EMOSTATICA, OVERHOLT-GEISSENDÖRFER	114
PINZA EMOSTATICA, OVERHOLT-MIXTER	115
PINZA FISSATELI	133
PINZA FISSATELI BALL AND SOCKET	133
PINZA FISSATELI, BACKHAUS	132
PINZA FISSATELI, BERNHARD	133
PINZA FISSATELI, DOYEN	133
PINZA FISSATELI, JONES	132
PINZA FISSATELI, LANE	133
PINZA FISSATELI, LORNA	133
PINZA FISSATELI, MOYNIHAN	133
PINZA FISSATELI, PEERS	132
PINZA FISSATELI, ROEDER	132
PINZA FISSATELI, SCHÄDEL	132
PINZA FISSATELI, TOHOKU	132
PINZA FISSATRICE, BARRAQUER	390
PINZA FISSATRICE, CASTROVIEJO	390
PINZA FISSATRICE, ELSCHNIG	389
PINZA FISSATRICE, GRAEFE	389
PINZA FISSATRICE, GREEN	390
PINZA FISSATRICE, LESTER	389
PINZA INTESTINALE BRUNNER	543
PINZA INTESTINALE PER BIOPSIA, TURREL	567
PINZA INTESTINALE PER BIOPSIA, YEOMAN	566, 567
PINZA INTESTINALE SCUDDER	541
PINZA INTESTINALE, BABY-KOCHER	540
PINZA INTESTINALE, DOYEN	540
PINZA INTESTINALE, FEHLAND	542
PINZA INTESTINALE, KOCHER	540
PINZA INTESTINALE, MAYO-ROBSON	541
PINZA INTESTINALE, MIKULICZ	543
PINZA INTESTINALE, RESANO	542
PINZA INTESTINALE, STONE-WATT	545
PINZA MAYO	89
PINZA MODELLO STRASSBURG	89
PINZA MUSCOLARE, BERKE	389
PINZA MUSCOLARE, MASTIN	479
PINZA MUSCOLARE, PRINCE	387
PINZA NASALE GRAIG	426
PINZA NASALE PER TAMPONI LUBET-BARBON	424
PINZA NASALE PER TAMPONI WESTMACOTT	424
PINZA NASALE WEIL-BLALESLEY	426
PINZA NASALE, CAPLAN	428
PINZA NASALE, HARTMANN	427
PINZA NASALE, MYLES	427
PINZA NASALE, SCHMEDEN	427
PINZA NASALE, TAKAHASHI	427

PINZA NASALE, WATSON-WILLIAMS	428	PINZA PER AGRAFES, RICHTER-HEATH	224	PINZA PER IRIDE, GRAEFFE	382
PINZA NASALE, STRUYCKEN	427	PINZA PER ANASTOMOSI DEL RETTO, HAYES	545	PINZA PER IRIDE, HESS	384
PINZA OMBELICALE, COLLIN	605	PINZA PER ANASTOMOSI, BECK	516	PINZA PER IRIDE, KIRBY-ARTHUR	385
PINZA OMBELICALE, KANE	605	PINZA PER ANASTOMOSI, BECK	520	PINZA PER IRIDE, MOD. BONN	387
PINZA PER ABBASSARE IL COLLO DELL'UTERO CZERNY	584	PINZA PER ANASTOMOSI, COOLEY-DERRA	519	PINZA PER IRIDE, TROUTMAN	389
PINZA PER ABBASSARE IL COLLO DELL'UTERO SCHRÖDER	583, 584	PINZA PER ANASTOMOSI, DE MARTEL-WOLFSON	546	PINZA PER IRIDE, STEVENS	383
PINZA PER ABBASSARE IL COLLO DELL'UTERO, BARRET	582	PINZA PER ANASTOMOSI, DEBAKEY	505	PINZA PER ISTEREKTOMIA SEGOND	125
PINZA PER ABBASSARE IL COLLO DELL'UTERO, BRAUN	582	PINZA PER ANASTOMOSI, LAMBERT-KAY	505	PINZA PER ISTEREKTOMIA SEGOND-LANDAU	125
PINZA PER ABBASSARE IL COLLO DELL'UTERO, DUPLAY	582	PINZA PER AORTA PEDIATRICA, SUBRAMANIAN-MINIATURE	521	PINZA PER ISTEREKTOMIA, HEANEY	126
PINZA PER ABBASSARE IL COLLO DELL'UTERO, HULKA	583	PINZA PER AORTA, WEBER	501	PINZA PER ISTEREKTOMIA, HEANY-BALLENTINE	127
PINZA PER ABBASSARE IL COLLO DELL'UTERO, IOWA	584	PINZA PER APPENDICE, ALLEN	544	PINZA PER ISTEREKTOMIA, ROGERS	127
PINZA PER ABBASSARE IL COLLO DELL'UTERO, JACOBS	583	PINZA PER APPENDICE, KLEINSCHMIDT	544	PINZA PER ISTEREKTOMIA, WERTHEIM	124
PINZA PER ABBASSARE IL COLLO DELL'UTERO, JARCHO	583	PINZA PER BIOPSIA BABY BURKE	590	PINZA PER ISTEREKTOMIA, WERTHEIM	128
PINZA PER ABBASSARE IL COLLO DELL'UTERO, MUSEUX	583	PINZA PER BIOPSIA BABY TISCHLER	592	PINZA PER LACERAZIONE UNGHIE, RADOLF	297
PINZA PER ABBASSARE IL COLLO DELL'UTERO, PRATT	584	PINZA PER BIOPSIA SCHUMACHER	588, 589	PINZA PER MEDICATURA	135
PINZA PER ABBASSARE IL COLLO DELL'UTERO, SCHROEDER	583, 584	PINZA PER BIOPSIA, TOWNSEND	591	PINZA PER MEDICATURA, BRYANT	137
PINZA PER ABBASSARE IL COLLO DELL'UTERO, SCHROEDER (POZZI)	582	PINZA PER BIOPSIA, ALEXANDER	589	PINZA PER MEDICATURA, CHERON	137
PINZA PER ABBASSARE IL COLLO DELL'UTERO, SKENE	582	PINZA PER BIOPSIA, BURKE	590	PINZA PER MEDICATURA, COLLIN	137
PINZA PER ABBASSARE IL COLLO DELL'UTERO, TEALE	583	PINZA PER BIOPSIA, EPPENDORFER	590	PINZA PER MEDICATURA, DUPLAY	134
PINZA PER ABBASSARE IL COLLO DELL'UTERO, STAUDE-MOORE	582	PINZA PER BIOPSIA, FAURE	588	PINZA PER MEDICATURA, FOERSTER	136
PINZA PER ABORTO, SAENGER	606	PINZA PER BIOPSIA, KEVORK.-PACIFIC	592	PINZA PER MEDICATURA, GROSS-MAIER	134
PINZA PER ABORTO, WINTER	606	PINZA PER BIOPSIA, KEVORKIAN	589	PINZA PER MEDICATURA, LISTER (SINUS)	137
PINZA PER AFFERRARE IL POLMONE, LOVELACE	490	PINZA PER BIOPSIA, KEVORKIAN	591	PINZA PER MEDICATURA, PELKMANN	137
PINZA PER AFFERRARE INTESTINI DOYEN-BABY	540	PINZA PER BIOPSIA, MAXI GRASPER	593	PINZA PER MEDICATURA, RAMPLEY	136
PINZA PER AFFERRARE INTESTINI LOCKWOOD-ALLIS	538	PINZA PER BIOPSIA, SCHUBERT	588	PINZA PER MEDICATURA, SIMS-MAIER	134
PINZA PER AFFERRARE INTESTINI, ALLIS	537	PINZA PER BIOPSIA, THOMAS-GAYLOR	588	PINZA PER MEDICATURA, ULRICH	135
PINZA PER AFFERRARE INTESTINI, ALLIS-ADAIR	537	PINZA PER BIOPSIA, TISCHLER	591	PINZA PER MICROCHIRURGIA	94
PINZA PER AFFERRARE INTESTINI, ALLIS-BABY	537	PINZA PER BIOPSIA, TISCHLER-KEVORK	592	PINZA PER OCCLUSIONE TANGENZIALE	
PINZA PER AFFERRARE INTESTINI, ATRAUMA	111	PINZA PER BIOPSIA, TISCHLER-MORGAN	590, 591	PINZA PER OSSA LAMBERT-LOWMAN	249
PINZA PER AFFERRARE INTESTINI, BABCOCK	539	PINZA PER BIOPSIA, VAN DOREN	588	PINZA PER OSSA, FELDHEIM	249
PINZA PER AFFERRARE INTESTINI, COLLIN	539	PINZA PER BIOPSIA, WITTNER	589	PINZA PER OSSA, GERSTER	250
PINZA PER AFFERRARE INTESTINI, DUVAL	539	PINZA PER BRONCHI, FINOCCHIETTO	490	PINZA PER OSSA, LOWMAN	249
PINZA PER AFFERRARE INTESTINI, JUDD-ALLIS	538	PINZA PER BRONCHI, HARRINGTON	490	PINZA PER OSSA, LOWMAN-HOGLUND	249
PINZA PER AFFERRARE INTESTINI, LITTLEWOOD	538	PINZA PER BRONCHI, LEES	504	PINZA PER PATELLA	248
PINZA PER AFFERRARE INTESTINI, THOMS-ALLIS	538	PINZA PER BRONCHI, PRICE-THOMAS	490	PINZA PER PEDUNCOLO RENALE, HERRICK	123
PINZA PER AFFERRARE INTESTINI, WILLIAMS	539	PINZA PER BRONCHI, SEMB	491	PINZA PER PEDUNCOLO RENALE, WERTHEIM-CULLEN	125
PINZA PER AFFERRARE L'UTERO, COLLIN	585	PINZA PER BRONCO-EOSAGOSCOPIA, CHEVALIER-JACK	473	PINZA PER PILORO, BENSON	544
PINZA PER AFFERRARE L'UTERO, DARTIGUES	585	PINZA PER CALAZIO, AYER	393	PINZA PER POLIPI LARINGEI FRAENKEL	471
PINZA PER AFFERRARE L'UTERO, SOMER	585	PINZA PER CALAZIO, DESMARRES	393	PINZA PER POLIPI LARINGEI JURASZ	471
PINZA PER AFFERRARE TENDINI	293	PINZA PER CALAZIO, LAMBERT	393	PINZA PER POLIPI LARINGEI, JACKSON	471
PINZA PER AFFERRARE TENDINI, JACKSON	292	PINZA PER CALCOLI BILIARI BLAKE	531	PINZA PER POLIPI UTERINI, DOYEN	585
PINZA PER AFFERRARE TENDINI KLEINERT-KUTZ	294	PINZA PER CALCOLI BILIARI DESJARDINS	531	PINZA PER POLIPU UTERINI, KELLY	585
PINZA PER AFFERRARE TENDINI, BRAND	293	PINZA PER CALCOLI BILIARI MAYO-BLAKE	531	PINZA PER POLIPU UTERINI, NOTO	585
PINZA PER AFFERRARE TENDINI, CAROLL	293	PINZA PER CALCOLI BILIARI MIXTER	531	PINZA PER POLIPU, HARTMANN	424
PINZA PER AFFERRARE TENDINI, LARSEN	292	PINZA PER CALCOLI RENALI, HEIMING	536	PINZA PER POLIPU, LITTAUER	425
PINZA PER AFFERRARE TENDINI, STEINMANN	292	PINZA PER CALCOLI RENALI, RANDALL	535	PINZA PER POLIPU, NOYES	425
PINZA PER AFFERRARE TESSUTI, BROWN	83	PINZA PER CAROTIDE JAVID	511	PINZA PER RADDRIZZARE IL SETTO NASALE, ASCH	449
PINZA PER AFFERRARE TESSUTI, CHAPUT	110	PINZA PER CATETERI COOLEY	510	PINZA PER RADDRIZZARE IL SETTO NASALE, WALSHAM	449
PINZA PER AFFERRARE TESSUTI, COLLIN	110	PINZA PER COARTAZIONE E ANASTOMOSI POTTS	492, 493	PINZA PER RIFIUTI SAUERBRUCH	227
PINZA PER AFFERRARE TESSUTI, SINGLEY	88	PINZA PER CORPI ESTRANEI STRUEMPEL	412	PINZA PER RIPOSIZIONE ROWE	459
PINZA PER AFFERRARE TESSUTI, TUFFIER	110	PINZA PER CORPI ESTRANEI, MATHIEU	553/1	PINZA PER ROVESCIARE PALPEBRE, SNELLEN	393
PINZA PER AGRAFES, CHILDE	224	PINZA PER CRANIOTOMIA CONE	331	PINZA PER SCHEGGE	91
PINZA PER AGRAFES, COLLIN	224	PINZA PER EMORROIDI, HEYWOOD-SMITH	567	PINZA PER SCHEGGE, ARCHER	92
PINZA PER AGRAFES, HEGENBARTH	224	PINZA PER FILO, MCPHERSON	392	PINZA PER SCHEGGE, CARMALT	91
PINZA PER AGRAFES, MICHEL	224	PINZA PER FILO, MOD.TUEBINGEN	392	PINZA PER SCHEGGE, FEILCHENFELD	91
PINZA PER AGRAFES, WACHENFELDT	224	PINZA PER FILO, PAUFIGUE	392	PINZA PER SCHEGGE, HUNTER	91
		PINZA PER GOZZO, LAHEY	479	PINZA PER SCHEGGE, PEET	92
		PINZA PER IL CUOIO CAPELLUTO, GAUSS	605	PINZA PER SCHEGGE, VIRTUS (RALK)	92
		PINZA PER INTRODUZIONE SONDE MAGILL	28	PINZA PER SCHEGGE, STIEGLITZ	92
		PINZA PER IPOFISI	341	PINZA PER SETTO NASALE, BRUENINGS	425
		PINZA PER IPOFISI, ADSON	334	PINZA PER SETTO NASALE, HEYMANN	425
		PINZA PER IRIDE BARRAQUER (COLIBRI)	384	PINZA PER SETTO NASALE, LUC	426
		PINZA PER IRIDE, BARRAQUER-KATZIN	384	PINZA PER SETTO NASALE, MIDDLETON-JANSEN	430
		PINZA PER IRIDE, BISHOP-HARMAN	386	PINZA PER SETTO NASALE, RUBIN	428
		PINZA PER IRIDE, BONN	387	PINZA PER SINUSCOPIA	431
		PINZA PER IRIDE, FISCHER	384	PINZA PER STERILIZZAZIONE	227
		PINZA PER IRIDE, FOERSTER	383	PINZA PER STERILIZZAZIONE DAVIS	227
		PINZA PER IRIDE, GILL	384	PINZA PER STERILIZZAZIONE, CHEATLE	227
		PINZA PER IRIDE, GILL-HESS	384	PINZA PER STERILIZZAZIONE, ROGGE	227

PINZA PER STERILIZZAZIONE, UNIVERSAL.....	227	PINZA TAGLIENTE PER DISCHI INTERVERTEBRALI, FERRIS-SMITH-KERRISON.....	344, 344/2
PINZA PER STRABISMO, BONACCOLTO.....	385	PINZA TAGLIENTE PER LAMINECTOMIA, CLOWARD	342
PINZA PER STRABISMO, DASTOOR.....	386	PINZA TAGLIENTE PER LAMINECTOMIA, OLDBERG.....	341
PINZA PER STRABISMO, JAMESON.....	385	PINZA TAGLIENTE PER LAMINECTOMIA, SCHLESINGER.....	342
PINZA PER STRABISMO, MCCULLOUGH.....	385	PINZA TAGLIENTE PER LAMINECTOMIA, SPURLING.....	340
PINZA PER SUTURA, CASTROVIEJO.....	392	PINZA TAGLIENTE PER LAMINECTOMIA, WAGNER.....	343
PINZA PER SUTURA, MOORFIELD.....	392	PINZA TAGLIENTE PER LAMINECTOMIA, FERRIS-SMITH.....	343
PINZA PER SUTURA, ST.MARTIN.....	392	PINZA TAGLIENTE PER LAMINECTOMIA, LOVE-GRUENWALD	340
PINZA PER TAMPONI, BOZEMANN.....	138	PINZA TAGLIENTE PER SETTO NASALE, CITELLI.....	430
PINZA PER TAMPONI, BOZEMANN-DOUGLAS	138	PINZA TIRALINGUA, COLLIN	453
PINZA PER TONSILLE COLVER	467	PINZA TIRALINGUA, YOUNG	453
PINZA PER TONSILLE, BALLENGER	467	PINZA TORCIFILI, BERRY TC	319
PINZA PER TONSILLE, BLOHMKE	467	PINZA TORCIFILI, CORWIN-HEGAR TC	319
PINZA PER TONSILLE, MARSCHIK	468	PINZA TORCIFILI, MAYO-HABERISSER TC	319
PINZA PER TONSILLE, NEGUS	467	PINZA ULTRA LIGHT	95
PINZA PER TONSILLE, SAWTELL	467	PINZA UTERINA PER EMOSTASI, GREEN-ARMYTAGE	605
PINZA PER TONSILLE, SCHNIDT	467	PINZA VASCOLARE BAINBRIDGE	495
PINZA PER TONSILLE, TYDING	467, 468	PINZA VASCOLARE GLOVER	515
PINZA PER TONSILLE, WHITE	467	PINZA VASCOLARE, ADLERKREUTZ	84
PINZA PER TRACOMA, KNAPP-LUER.....	393	PINZA VASCOLARE, DIEFFENBACH	104
PINZA PER TRAZIONE CRANIALE, CRUTCHFIELD	327	PINZA VASCOLARE, LELAND-JONES	494
PINZA PER TUMORI, YASARGIL	97	PINZA VASCOLARE, SATINSKY	491
PINZA PERITONEALE, FAURE.....	123	PINZA VASCOLARE,STILLE-BARRAYA	88
PINZA PERITONEALE, MIKULICZ, 20CM	123	PINZA, DAVIS	227
PINZA PERITONEALE, MIKULICZ-BABY	123	PINZE ATRAUMATICHE BULLDOG DE BAEKY	103
PINZA PERITONEALE, PHANEUF	123	PINZE ATRAUMATICHE BULLDOG GLOVER	103
PINZA PORTAPLACCHE, LANE	325	PINZE ATRAUMATICHE BULLDOG IN TITANIO	102
PINZA PORTAVITI, LANE	325	PINZE ATRAUMATICHE, DE BAEKY	98
PINZA POSA CLIPS BIEMER.....	361,363,364,366	PINZE PER SCHEGGE	90
PINZA POSA CLIPS, MEHDORN.....	362	PIPER FORCIPÉ	604
PINZA POSA CLIPS, RANEY	327	PISTOLA LAVATRICE	626
PINZA RENALE GUYON	122	PISTONI	258, 259
PINZA SERRAPENE STOCKMANN	553/1	PISTONI CASPAR	258
PINZA SERRAPENE, STRAUSS	553/1	PLACCA PER PALPEBRE JAEGER	371
PINZA SERRATUBI	129	PLACCA PER STENDIPELLE	49
PINZA SERRATUBI, HOFFMANN	624	PLESTER CANNULA D'ASPIRAZIONE	338
PINZA SERRATUBI, SIMPLEX	624	PLESTER COLTELLO	418
PINZA SERRATUBI, BÜLOW-GUNARHEY	130	PLESTER DIVARICATORE	171
PINZA SFENOIDALE HAJEK-KOFLER	430,431	POLITZER AGO PER PARACENTESI	408
PINZA SGORBIA BANE-HARTMANN	237	POLITZER COLTELLO AURICOLARE	408
PINZA SGORBIA MAYFIELD	238	POLITZER INSUFFIATOR D'ARIA	406
PINZA SGORBIA SMITH-PETERSEN	238	POLITZER OLIVA NASALE	406
PINZA SGORBIA, ADSON	236	POLITZER SCOPCO AURICOLARE	399
PINZA SGORBIA, BLUMENTHAL	236	POMPA D'ARIA	295
PINZA SGORBIA, BOEHLER	238	POOLE CANNULA D'ASPIRAZIONE	27
PINZA SGORBIA, CLEVELAND	235	PORTA AGRAFES	326
PINZA SGORBIA, ECHLIN	240	PORTACOTONE, FARRELL	203
PINZA SGORBIA, FRIEDMAN-MICRO	234	PORTACOTONE, JOBSON-HORNE	203
PINZA SGORBIA, FRIEDMAN-MINI	234	PORTACOTONE, REDA	203
PINZA SGORBIA, FRYKHOLM	240	PORTACOTONE, TOBOLD	203
PINZA SGORBIA, JANSEN	237	PORTACOTONE, UCKERMANN	203
PINZA SGORBIA, KLEINERT-KUTZ	237	PORT'AGHI BARRAQUER	216, 217
PINZA SGORBIA, LEMPERT	237	PORT'AGHI CASTROVIEJO	216
PINZA SGORBIA, RUSKIN	239	PORT'AGHI MICROVASCULAR	210
PINZA SGORBIA, SAUERBRUCH	240	PORT'AGHI, ADSON	211
PINZA SGORBIA, SCAGLIETTI	240	PORT'AGHI, ARRUGA	214
PINZA SGORBIA, SEMB	240	PORT'AGHI, BABY-WEBSTER	208
PINZA SGORBIA, STELLBRINK	234	PORT'AGHI, BARRAQUER-TROUTMAN	216
PINZA SGORBIA, ZAUFL-JANSEN	238	PORT'AGHI, BAUMGARTNER	208
PINZA SGORBIA, LEKSELL-STILLE	240	PORT'AGHI, BOYNTON	214
PINZA SGORBIA, STILLE-LUER	239	PORT'AGHI, BOZEMANN	211
PINZA SGORBIA, STILLE-RUSKIN	239	PORT'AGHI, BROWN	209
PINZA STOMACALE LANE	547	PORT'AGHI, CASTROVIEJO	215
PINZA STRAPPAGESSI, WOLFF	233	PORT'AGHI, CASTROVIEJO MICRO	215
PINZA TAGLIENTE CIRCOLARE	432	PORT'AGHI, COLLIER,12,5CM	208
PINZA TAGLIENTE NASALE, KERRISON	428	PORT'AGHI, CRILE	213
PINZA TAGLIENTE PER CAPSULA, HOLTH	380	PORT'AGHI, CRILE-MURRAY	209
PINZA TAGLIENTE PER DISCHI INTERVERTEBRALI, COLCLOUGH.....	344/1	PORT'AGHI, CRILE-WOOD TC	209

Q

QUERVAIN ELEVATORE	275
QUINBY FORBICI GINGIVALI	67
QUIRE LEVA PER CORPI ESTRANEI.....	412
QUILSING MARTELLO	271

R	
RACCORDO DI LAVAGGIO	626
RACHIOTOMO	267
RADOLF PINZA PER LACERAZIONE UNGHIE	297
RAGNELL DIVARICATORE	140
RALK PERFORATORE A MANO	300
RAMPLEY PINZA PER MEDICATURA	136
RAMUS DIVARICATORE	461
RANDALL CURETTE PER BIOPSIA	587
RANDALL PINZA PER CALCOLI RENALI	535
RANEY GRAFFA PER IL CUOIO CAPELLUTO	327
RANEY PINZA POSA CLIPS	327
RASCHIATOIO CORNEALE, KUHNT	373
RASOIO	49
RASPA NASALE FOMON TC	445
RASPA NASALE GALLAHER	446
RASPA NASALE MILLER	444
RASPA NASALE PEET	446
RASPA NASALE, FOMON	444
RASPA NASALE, JOSEPH	443
RASPA NASALE, JOSEPH (LEWIS)	443
RASPA NASALE, MALTZ	443
RASPA NASALE, MALTZ (COTTLE)	444
RASPA NASALE, WIENER	443
RASPA PER OSSA	294
RASPA PER OSSA PUTTI	294
RECAMIER CURETTE UTERINI	597
RECIPENTE CILINDRICO	620
REDA DIAPASON	403
REDA CALAMITA OCULISTICA	395
REDA COLTELLO FALCATO	435
REDA COLTELLO PER AMPUTAZIONE	44
REDA CURETTE TAGLIENTE	256
REDA DIVARICATORE PER GESSI	232
REDA EXCENTER FORBICI PER BENDAGGI	69/2
REDA PERFORATORE A MANO	300
REDA PINZA COPERCHIO	615
REDA PINZA DEPILATORIA	395
REDA PINZA PER AFFERRARE INTESTINI	111
REDA PORTACOTONE	203
REDA ROMPILAMETTE	45
REDA SEGA TAGLIA ANELLI	297
REDA SONDA CONDUTTRICE A FORCHETTA	221
REDA SPECULO NASALE	423
REDA UNCINO PER LA PELLE	150
REDON AGO DI GUIDA	207
REES FACE LIFT FORBICI	73
REGOLO DI METALLO	25
REICHERT DEPRESSORE PER EPIGLOTTIDE	471
REILL TENAGLIA PER OSSA	248
REINER COLTELLO PER GESSI	233
REINER SIRINGA AURICOLARE	406
RESANO PINZA INTESTINALE	542
RESANO, FORBICI PER CAPSULA	53/2
RETRATTORE, PERCY	296
RETRATTORI INTRAORALI	463/1
RETRATTORI INTRAORALI	463/4
REVERDIN AGO	220
REVERDIN SPATOLA ADDOMINALE E INTESTINALE	143/1
REYNOLDS FORBICI PER CHIRURGIA	54
REYNOLDS SUPERCUT FORBICI	72
ROBB SPATOLA	530
ROBERTS PINZA EMOSTATICA	117
ROCHARD DIVARICATORE ADDOMINALE	186
ROCHARD SUPPORTO	186
ROCHESTER-CARMALT	109
ROCHESTER-OCHSNER PINZA EMOSTATICA	108
ROCHESTER-PEAN PINZA EMOSTATICA	108
ROEDER PINZA FISSATELLI	132
ROGER ELEVATORE PER SETTO	437, 438
ROGERS PINZA PER ISTEREKTOMIA	127
ROGGE PINZA PER STERILIZZAZIONE	227
ROLLET SCALPELLO ESTIRPATORE	374
ROLLET UNCINO DIVARICATORE	375
ROMPILAMETTE, CASTROVIEJO	45
ROMPILAMETTE, REDA	45
ROMPILAMETTE, TROUTMAN-CHRIS	45
ROSE DIVARICATORE	140
ROSENAGO	419
ROSEN CANNULA D'ASPIRAZIONE	338
ROSEN COLTELLO	418
ROSER-KOENIG APRIBOCCA	454
ROTATORE PER NUCLEO BECHERT	379
ROUX MINI DIVARICATORE	140
ROUX DIVARICATORE	139
ROUX-BABY DIVARICATORE	140
ROWE PINZA PER RIPOSIZIONE	459
RUBIN OSTEOTOMO PER SETTO	440
RUBIN PINZA PER SETTO NASALE	428
RUDD LEGATORE EMORRHOIALE	568
RUMEL PINZA EMOSTATICA	117
RUMEL-BELMONT TOURNIQUET	528
RUSKIN PINZA SGORBIA	239
RUSKIN-LISTON CESOIA PER OSSA	241
RUSSEL-DAVIS ABBASSALINGUA	458
RYDEL-SEIFFERT DIAPASON	404
RYDER PORT'AGHI	210
S	
SAALFELD SCHIACCIACOMEDONI	608
SACHS DURA DISSETTORE	332
SACHS UNCINO PER NERVI	329
SAENGER PINZA PER ABORTO	606
SALPINGOGRAFO, SCHULTZE	596
SANVENERO FORBICI PER CHIRURGIA	54
SAROT PINZA EMOSTATICA	118
SAROT PORT'AGHI	211
SATINSKY FORBICI VASCOLARI	65/2
SATINSKY PINZA VASCOLARE	491
SATO DISSETTORE CORNEALE	373
SATTERLEE SEGA PER AMPUTAZIONE	296
SAUERBRUCH COSTOTOMO	481
SAUERBRUCH DIVARICATORE	164
SAUERBRUCH DIVARICATORE	166
SAUERBRUCH PINZA PER RIFIUTI	227
SAUERBRUCH PINZA SGORBIA	240
SAUERBRUCH-FREY COSTOTOMO	481
SAWTELL PINZA PER TONSILLE	467
SAYWER SPECULO RETTALE	560
SAYRE ELEVATORE	281
SCAGLIETTI PINZA SGORBIA	240
SCALP-CONTOUR DIVARICATORE	169
SCALPELLI	259
SCALPELLO ESTIRPATORE, ROLLET	374
SCALPELLO PARTSCH	259
SCALPELLO PER SETTO, CINELLI	441
SCALPELLO PER SETTO, COTTE	440
SCALPELLO PER SETTO, FREER	439
SCALPELLO PER SETTO, SILVER	442
SCALPELLO, ALEXANDER	259
SCALPELLO, BRUNETTI	268
SCALPELLO, HIBBS	265
SCALPELLO, STILLE	260
SCATOLA PER STERILIZZARE AGHI	615
SCATOLA PER STRUMENTI	616, 617, 618
SCHADEL PINZA FISSATELLI	132
SCHAMBERG SCHIACCIACOMEDONI	608
SCHEDA CURETTA TAGLIENTE	251
SCHIELE COLTELLO PER GONIOTOMIA	373
SCHENNMANN INSERTO	472
SCHERBAK SPECOLO VAGINALE	575
SCHIACCIACOMEDONI, SAALFELD	608
SCHIACCIACOMEDONI, SCHAMBERG	608
SCHIACCIACOMEDONI, UNNA	608
SCHIACCIACOMEDONI, WALTON	608
SCHIACCIATORE PER L'INTESTINO E LO STOMACO, PAYR	548
SCHIMMELBUSCH TAMBURU	622
SCHINK DERMATOMO	49
SCHIOTZ TONOMETRO	394/2
SCHLESINGER PINZA TAGLIENTE PER LAMINECTOMIA	342
SCHMIDEN PINZA NASALE	427
SCHMIEDEN CANNULA PER IRRIGAZIONE	338
SCHMIEDEN SPECOLLO DI GUIDA SCANALATO	221
SCHMIEDEN-DICK AGO PER LEGATURE	219
SCHMIEDEN-TAYLOR FORBICI PER DURAMADRE	65/1
SCHNIDT PINZA PER TONSILLE	467
SCHOENBORN DIVARICATORE PER TIROIDE	479
SCHRÖDER CUCCHIAIO UTERINO	595
SCHROEDER(POLZI) PINZA PER ABBASSARE IL COLLO DELL'UTERO	582
SCHUBERT PINZA PER BIOPSIA	588
SCHUNKNECHT COLTELLO	418
SCHULTZE SALPINGOGRAFO	596
SCHULZE-BERGMANN SPECOLO RETTALE	560
SCHUMACHER FORBICI PER STERNO	481
SCHUMACHER INSERTO	472
SCHUMACHER PINZA PER BIOPSIA	588, 589
SCHWEIGER PINZA CAPSULARE	391
SCLEROTOMO, GUYTON-LUNDSGAARD	373
SCLEROTOMO, LUNDGAARD	373
SCOVILLE CURETTA TAGLIENTE	253
SCOVILLE DIVARICATORE PER LAMINECTOMIA	196
SCOVILLE UNCINI PER RADICI DEI NERVI	330
SCOVILLE VALVE	196
SCOVILLE-HAVERFIELD DIVARICATORE PER LAMINECTOMIA	196
SCUDER PINZA INTESTINALE	541
SEBILEAU ELEVATORE	275
SEDLLOT PERIOTSTOMO	274, 275
SEGA, GIGLI	332
SEGAF ELETTRICA PER GESSI	230
SEGAF IN FILO D'ACCIAIO, OLIVECRONA	332
SEGAF NASALE, JOSEPH	446
SEGAF OSCILLANTE PER GESSI CON ASPIRAZIONE	231
SEGAF PER AMPUTAZIONE BIER	296
SEGAF PER AMPUTAZIONE, CHARRIERE	296
SEGAF PER AMPUTAZIONE, SATTERLEE	296
SEGAF PER AUTOPSIA	231/1
SEGAF PER DITA, LANGENBECK	296
SEGAF PER GESSI, ENGEL	229
SEGAF TAGLIA ANELLI, REDA	297
SEGAF TAGLIA ANELLI, WALTON	297
SEGOND BISTURI PER FIBROMI	594
SEGOND PINZA PER ISTEREKTOMIA	125
SEGOND-LANDAU PINZA PER ISTEREKTOMIA	125
SEIFERT INSERTO	472
SELDIN PERIOTSTOMO	277
SELLHEIM CUCCHIAIO OSTETRICO	607
SEMB CESOIA PER OSSA	242
SEMB PERIOTSTOMO	278
SEMB PINZA PER BRONCHI	491
SEMB PINZA ANATOMICA	240
SEMB TENAGLIA PER OSSA	243
SEMKEN PINZA ANATOMICA	86

SEMKEN PINZA CHIRURGICA.....	86	SINGLEY PINZA PER AFFERRARE TESSUTI.....	88
SEMM SPECOLO VAGINALE.....	571	SINSKEY UNCINO	376
SENN-GREEN DIVARICATORE.....	153	SINUS ELEVATOR PER SETTO	438
SENN-MILLER DIVARICATORE.....	143	SIRINGA AURICOLARE.....	407
SEPERATORE PER IL CORPO MANDIBOLARE HARGIS	463/6	SIRINGA AURICOLARE, REINER.....	406
SEPERATORI SAGITTALI SMITH.....	463/5	SIRINGA PER TONSILLE	470
SEPTEMZANGE KNIGHT	425	SISTEMA DI FISSAGGIO, LEYLA	368
SERPENTINE PINZA PER BIOPSIA.....	593	368/1, 368/2, 368/3, 368/4	368
SERRANODI KRAUSE	433/2	SISTEMA RETRATTORE	188
SERRANODI KRAUSE-VOSS,	433/2	SKENE PINZA PER ABBASSARE IL COLLO	582
SERRANODI PER TONSILLE, BRUENINGS	468	DELL'UTERO	582
SERRANODI PER TONSILLE, EVES	468	SLS PINZA APPLICATORE CLIPS MICRO	524, 525
SERRANODI RETTALE, WESTON.....	566	SLUDER-BALLLENGER TONSILLOTOMO	470
SERRANODI WILDE	433/2	SMELLIE PERFORATORE	607
SET LARINGOSCOPIO FOREGGER.....	31	SMELLIE UNCINO	605
SET LARINGOSCOPIO MC INTOSH	31	SMILLIE COLTELLO PER MENISCO	292
SET PER INFERNERIA.....	609	SMILLIE ELEVATORE PER OSSA	291
SET PER SUTURA IN ASTUCCIO DI METALLO	225, 226	SMITH BLEFAROSTATO	370
SET PER TRACHEOTOMIA.....	478	SMITH SEPARATORI SAGITTALI	463/5
SET PER VARICI IN SCATOLA DI METALLO, NABATOFF	201	SMITH US ARMY FORBICI PER BENDAGGI	69/1
SEUTIN FORBICI PER BENDAGGI	69/2	SMITH-BUIE DIVARICATORE ANALE	561
SEXTON COLTELLO AURICOLARE.....	408	SMITH-PETERSEN OSTEOTOMO	261
SFIGOMANOMETRO, BABYPHON	10	SMITH-PETERSEN PINZA SGORBIA	238
SFIGOMANOMETRO, DIPLOMAT.....	5	SMITHWICK PINZA POSA CLIPS	326
SFIGOMANOMETRO, EXACTA	8	SMITHWICK UNCINO PER NERVI	329
SFIGOMANOMETRO, MINIMUS II.....	11	SNELLEN ANSA PER CATERATTA	378
SFIGOMANOMETRO, MINIMUS III	12	SNELLEN PINZA PER ROVESCIARE PALPEBRE	393
SFIGOMANOMETRO, NOVA	6,7	SOMER PINZA PER AFFERRARE L'UTERO	585
SFIGOMANOMETRO, PRECISA	9	SONDA BOTTONUTA, JACOBSON	335
SGORIA	264	SONDA CONDUTTRICE A FORCHETTA	475
SGORIA , PARTSCH	259	SONDA CONDUTTRICE A FORCHETTA REDA	221
SGORIA ALEXANDER.....	259	SONDA PER CALCOLI BILIARI DESJARDINS	532
SGORIA BRÜNINGS-LUCAS	260	SONDA PER CALCOLI BILIARI MOYNIHAN	532
SGORIA KILLIAN	442/1	SONDA PER CALCOLI BILIARI, MAYO	534
SGORIA PER CORPI ESTRANEI, DIX	374	SONDA PER GOZZO, KOCHER	479
SGORIA PER CORPI ESTRANEI, ELLIS	374	SONDA, WORST	381
SGORIA PER CORPI ESTRANEI, WALTON	374	SONDA, WORST	381
SGORIA PER SETTO FREER	442/1	SPATOLA ADDOMINALE	144
SGORIA PER SETTO, HAJEK	442/1	SPATOLA ADDOMINALE E INTESTINALE LERICHE	143/2
SGORIA PER SETTO, KILLIAN-CLAUS	442/1	SPATOLA ADDOMINALE E INTESTINALE, HABERER	143/1
SGORIA WEST	442/1	SPATOLA ADDOMINALE E INTESTINALE, REVERDIN	143/1
SGORIA COBB	262	SPATOLA ADDOMINALE E INTESTINALE, RIBBON	143
SGORIA, HIBBS	265	SPATOLA ADDOMINALE ED INTESTINALE KADER	143/1
SGORIA, LEXER MINI..	263	SPATOLA ADDOMINALE ED INTESTINALE KÖRTE	143/1
SGORIA, ZIELKE	264	SPATOLA ADDOMINALE ED INTESTINALE KÜMMEL	143/2
SGORIA, STILLE	260	SPATOLA CEREBRALE CUSHING	369
SGORIA	259	SPATOLA CEREBRALE DAVIS	337
SHAMBAUGH UNCINO	419	SPATOLA CEREBRALE HEIFETZ	369
SHAPLEIGH ANSA AURICOLARE	410	SPATOLA CEREBRALE, CUSHING	336
SHEA MICRO FORBICI AURICOLARI	413	SPATOLA CEREBRALE, OLIVECRONA	336
SHEEHAN OSTEOTOMO PER SETTO	441	SPATOLA PER CICLOIDIALISI HIRSCHMAN	379
Sheets CANNULA PER IRRIGAZIONE	394/2	SPATOLA PER CICLOIDIALISI, BANGERTER	379
SIEBENMANN CANNULA PER IRRIGAZIONE	433	SPATOLA PER CICLOIDIALISI, ELSCHNIG	379
SIEBOLD FORBICI GINECOLOGICHE	62	SPATOLA PER CICLOIDIALISI, WHEELER	379
SIEGLE SPECOLO AURICOLARE	402	SPATOLA PER CICLOIDIALISI, CASTROVIEJO	379
SILVER DERMATOMO	50	SPATOLA PER IRIDE, CULLER	378
SILVER SCALPELLO PER SETTO.....	442	SPATOLA PER IRIDE, WECKER	378
SIMCOE CANNULA PER IRRIGAZIONE	394	SPATOLA PER PEDICURE	612
SIMON CUCCIAIO UTERINO	594	SPATOLA PER POLMONE, ALLISON	489
SIMON DIVARICATORE	164	SPATOLA ROBB	530
SIMPLEX PINZA SERRATUBI	624	SPATOLA VESICALE, KOCHER	552
SIMPSON FORCIBE.....	602	SPATOLA VESICALE, LEGUEU	552
SIMPSON-BRAUN FORCIBE	602	SPAZZOLA PER UNGHIE	611
SIMPSON-LUIKART FORCIBE	603	SPECCHIO FRONTALE ZIEGLER	21
SIMS CURETTE UTERINI.....	597, 598	SPECCHIO LARINGEO	473
SIMS DEPRESSORE UTERINO	586	SPECCHIO LARINGEO, MICHEL	423
SIMS DILATATORE UTERINO	581	SPECILLO AURICALE, STACKE	199
SIMS FORBICI GINECOLOGICHE	62	SPECILLO DI GUIDA SCANALATO KÖNIG	221
SIMS ISTEROMETRO	586	SPECILLO DI GUIDA SCANALATO BRUNNER	221
SIMS SPECOLO RETTALE	559	SPECILLO DI GUIDA SCANALATO KIRSCHNER	221
SIMS SPECOLO VAGINALE.....	573	SPECILLO DI GUIDA SCANALATO SCHMIEDEN-PAYR	221
SIMS-MAIER PINZA PER MEDICATURA	134	SPECILLO DI GUIDA SCANALATO, BRUNNER	221
		SPECILLO DI GUIDA SCANALATO, PAYR.....	221
		SPECILLO DI GUIDA SCANALATO, SCHMIEDEN	221
		SPECILLO DI GUIDA, VIENNA	221
		SPECILLO FOGLIA MIRTE	199
		SPECILLO PER CANALE LACRIMALE BOWMAN	381
		SPECILLO PER FISTOLE LOCKHART-MUMMERY	200
		SPECILLO PER FISTOLE, PRATT	563
		SPECILLO SCANALATO	199
		SPECILLO SCANALATO, BRODIE	199
		SPECILLO SCANALATO, DOYEN	199
		SPECILLO SCANALATO, NELATON	199
		SPECILLO, FISH	199
		SPECILLO, WATSON-CHEYNE	199
		SPECOLO AURICOLARE RICHNAU-HOLMGREN	400
		SPECOLO AURICOLARE, BOUCHERON	399
		SPECOLO AURICOLARE, BRUENINGS	401
		SPECOLO AURICOLARE, GRUBER	399
		SPECOLO AURICOLARE, HARTMANN	399
		SPECOLO AURICOLARE, POLITZER	399
		SPECOLO AURICOLARE, SIEGLE	402
		SPECOLO AURICOLARE, TOYNBEE	399
		SPECOLO LATERALE	569
		SPECOLO NASALE HARTMANN	422
		SPECOLO NASALE REDA	423
		SPECOLO NASALE, COTTLE	423
		SPECOLO NASALE, HARTMANN-HALLE	421
		SPECOLO NASALE, KILLIAN	423
		SPECOLO NASALE, MOD.VIENNA	421
		SPECOLO NASALE, THUDICHUM	421
		SPECOLO NASALE, TIECK-HALLE	423
		SPECOLO NASALE, VOLTOLINI	421
		SPECOLO RETTALE HILL-FERGUSON	560
		SPECOLO RETTALE SAWYER	560
		SPECOLO RETTALE, ALAN-PARKS	561
		SPECOLO RETTALE, BARR	559
		SPECOLO RETTALE, BODENHAMMER	559
		SPECOLO RETTALE, CZERNY	559
		SPECOLO RETTALE, MATHIEU	560
		SPECOLO RETTALE, PRATT	559
		SPECOLO RETTALE, SIMS	559
		SPECOLO RETTALE, SCHULZE-BERG	560
		SPECOLO VAGINALE, JACKSON	573
		SPECOLO VAGINALE, AUWARD	576
		SPECOLO VAGINALE, BREISKY	577
		SPECOLO VAGINALE, COLLIN	570
		SPECOLO VAGINALE,CUSCO	570, 571
		SPECOLO VAGINALE, DOYEN	574
		SPECOLO VAGINALE, FRIEDMANN	577
		SPECOLO VAGINALE, GRAVE	570
		SPECOLO VAGINALE, KALLMORGEN	573
		SPECOLO VAGINALE, KRISTELLER	572
		SPECOLO VAGINALE, LANDAU	577
		SPECOLO VAGINALE, O'SULLIVAN-O'CONNOR	576
		SPECOLO VAGINALE, PEDERSON	570
		SPECOLO VAGINALE, SEMM	571
		SPECOLO VAGINALE, SIMS	573
		SPECOLO VAGINALE, TREAT	571
		SPECOLO VAGINALE, VU-MORE	569
		SPECOLO VAGINALE, SCHERBAK	575
		SPENCER FORBICI PER LEGATURE	66
		SPENCER-WELLS PINZA EMOSTATICA	109
		SPEZIATORE UNGHIE	612/1
		SPILLONE PER STERILIZZAZIONE, BUNT	227
		SPILLONE PER STERILIZZAZIONE, MAYO	227
		SPINAL CURETTA TAGliente	253
		SPINA-NASALIS DIVARICATORE	461
		SPRATT CURETTA TAGliente	251
		SPURLING PINZA TAGliente PER LAMINECTOMIA	340
		SPUTACCHIERA	621
		ST. CLAIR-THOMSON COLTELLO ADENOIDE	450
		ST.MARKS DIVARICATORE PELVICO	165
		ST.MARTIN PINZA PER SUTURA	392
		STACKE SPECILLO AURICALE	199
		STANDARD FORBICI PER CHIRURGIA	51

STAUDE-MOORE PINZA PER ABBASSARE IL COLLO	
DELL'UTERO	582
STEINMANN CHIODI	307, 308
STEINMANN PINZA PER AFFERRARE TENDINI..	292
STELLBRINK PINZA SGORBIA.....	234
STERNBERG DIVARICATORE PER GUANCE ..	453
SCALPELLO PER STERNO, LEBSCHE	267
STETOSCOPIO, ANESTHOPHON	23
STETOSCOPIO, DUPLEX.....	23
STETOSCOPIO, PINARD	23
STETOSCOPIO.....	23
STEVENS FORBICI PER OFTALMOLOGIA.....	58
STEVENS PINZA PER IRIDE	383
STEVENS PORT'AGHI.....	214
STEVENS SUPERCUT FORBICI	72
STEVENS UNCINO PER TENOTOMIA.....	375
STEVENSON BLEFAROSTATO	371
STIEGLITZ PINZA PER SCHEGGE	92
STILLE CESOIA PER GESSI	229
STILLE COSTOTOMO	480
STILLE OSTEOTOMO	260
STILLE PERFORATORE A MANO	298
STILLE PINZA ANATOMICA	81
STILLE PINZA CHIRURGICA	81/1
STILLE PINZA EMOSTATICIA	122
STILLE SCALPELLO	260
STILLE SGORBIA	260
STILLE-BARRYNA PINZA VASCOLARE	88
STILLE-HORSLEY CESOIA PER OSSA	242
STILLE-LISTON CESOIA PER OSSA	242
STILLE-LUER PINZA SGORBIA	239
STILLE-RUSKIN PINZA SGORBIA	239
STILLE-SHERMAN PERFORATORE A MANO	298
STOCKMANN PINZA SERRAPENE	553/1
STONE-WATT COMPRESSORE	545
STRANDELL-STILLE DIVARICATORE	157
STRATTE PORT'AGHI	212
Strauss PINZA SERRAPENE	553/1
STRUEMPFL PINZA PER CORPI ESTRANEI	412
STRULLY FORBICI PER NEUROCHIRURGIA	65
STRUMENTI PER CORPI ESTRANEI, DIX	380
STRUMENTO PER CIRCONCISIONE	556
STRUMENTO PER MISURE	594
STRUMENTO PER VARICI VARADY	202
STRUMENTO TENDIFILI, DEMEL	315
STRUMENTO TENDIFILI, LOUTE	315
STRUYCKEN PINZA NASALE	427
STUDIO IN SILICONE	616
SUBRAMANIAN-MINIATURE PINZA PER AORTA	
PEDIATRICA	521
SUPERCUT FORBICI	71
SUPERCUT FORBICI IRIS	72
SUPERCUT FORBICI KILNER	72
SUPERCUT FORBICI LISTER	72
SUPERCUT FORBICI REYNOLDS	72
SUPERCUT FORBICI STEVENS	72
SUPERCUT FORBICI WAGNER	72
SUPERCUTFORBICI MAYO	71
SUPERCUTFORBICI MAYO-STILLE	71
SUPERCUTFORBICI METZENBAUM	71
SUPERCUTFORBICI, BABY METZENBAUM	71
SUPPORTO PER PETTO NEGUS	459
SUPPORTO PER STERILIZZAZIONE FILI KIRSCHNER	305
SUPPORTO PER TUBO	188
SUPPORTO UNIVERSALE PER DIVARICATORI	188
SUPPORTO UNIVERSALE PER ENDOSCOPIO	188
SUPPORTO, ROCHARD	186
SWEET PINZA POSA CLIPS	326
SYSTRUNK FORBICI PER CHIRURGIA	66

T	
TABB COLTELLO	418
TAKAHASHI PINZA NASALE	427
TAMBURG, SCHIMMELBUSCH	622
TAMPONATORE ,LUNIATISCHEK	465
TARNIER CRANIOLASTO	607
TARNIER FORCIP	604
TAYLOR - USA MARTELLO DA PERCUSSIONE	24
TAYLOR DIVARICATORE SPINALE	291
TAYLOR PINZA CHIRURGICA	87
TC FORBICI PER CHIRURGIA FINE, REYNOLDS TC	54
TC FORBICI PER CHIRURGIA STANDARD	51
TC PINZA ANATOMICA	81
TC PINZA CHIRURGICA	81
TC PINZA CUSHING	83
TC PINZA CUSHING TAYLOR	87
TC PINZA GILLIES	86
TC PINZA SEMKEN	86
TC PINZA WANGENSTEEN	89
TEALE PINZA PER ABBASSARE IL COLLO	
DELL'UTERO	583
TEBBETTS DIVARICATORE PER CHIRURGIA PLASTICA	197
TELAIOLA PLEGABILE KIRSCHNER	187
TENAGLIA PER OSSA	247
TENAGLIA PER OSSA	249
TENAGLIA PER OSSA BIRCHER-GANSKE	246
TENAGLIA PER OSSA, ADSON	298
TENAGLIA PER OSSA, DINGMANN	246
TENAGLIA PER OSSA, FARABEUF	243
TENAGLIA PER OSSA, FARABEUF-L	243
TENAGLIA PER OSSA, FERGUSSON	243
TENAGLIA PER OSSA, KERN	244
TENAGLIA PER OSSA, LAMBOTTE	244
TENAGLIA PER OSSA, LANE	244
TENAGLIA PER OSSA, LANGENBECK	243
TENAGLIA PER OSSA, LEWIN	246
TENAGLIA PER OSSA, MARTIN	246
TENAGLIA PER OSSA, REILL	248
TENAGLIA PER OSSA, SEMB	243
TENAGLIA PER OSSA, ULRICH	248
TENAGLIA PER OSSA, VAN BUREN	249
TENAGLIA PER OSSA, VERBRUGGE	245
TENAGLIE TAGLIAFILI	317, 318
TERSON PINZA CAPSULARE	391
TESSIER DIVARICATORE	463/3
THOMAS CURETTA UTERINI	599
THOMAS-GAYLOR PINZA PER BIOPSIA	588
THOMS-ALLIS PINZA PER AFFERRARE INTESTINI	538
THOMSON-WALKER DIVARICATORE VESICALE	552
THOREK, FORBICI TORACALI	65/2
THUDICHUM SPECOLO NASALE	421
TIACK-HALLE SPECOLO NASALE	423
TIFFEY PINZA AURICOLARE	411
TIRAMIOMI, DOYEN	594
TIRAVENE	202
TISCHLER PINZA PER BIOPSIA	591
TISCHLER-KEVORKIAN PINZA PER BIOPSIA	592
TISCHLER-MORGAN PINZA PER BIOPSIA	590, 591
TITAN PINZA EMOSTATICIA, CRILE	107
TITAN PINZA EMOSTATICIA, KELLY	106
TOBOLD ABBASSALINGUA	453
TOBOLD PORTACOTONE	203
TOENNIS DURA DISSETTORE	332
TOENNIS PINZA EMOSTATICIA	117
TOENNIS-ADSON FORBICI PER NEUROCHIRURGIA	65
TOGLILAMA	42
TOHUKU PINZA FISSATELI	132
TONOMETRO, SCHIOETZ	394/2
TONSILLOTOMO, SLUDER-BALLINGER	470
TONSILLOTOMO, TYDING	469
TOOK DISSETTORE CORNEALE	373
TOURNIQUET RUMEL-BELMONT	528
TOWNSEND PINZA PER BIOPSIA	591
TOWNSEND MANICO SOLO	591
TOYNBEE SPECOLO AURICOLARE	399
TRASFORMATORE RICARICA BATTERIA	34
TRATTORE, BARTON	603
TRATTORE, BILL	604
TRATTORE, LUIKART-BILL	604
TRAVERS DIVARICATORE	172
TREFINA CUTANEA, KEYES	608
TRELAT SPECOLO VAGINALE	571
TREQUARTO PER SENO MASCELLARE, COAKLEY	204
TREQUARTO PER SENO MASCELLARE, LICHTWITZ	204
TREQUARTO PER SENO MASCELLARE, PIERCE	204
TREQUARTO PER SINOSCOPIA	205
TREQUARTO PER SINOSCOPIA	205
TREQUARTO, NELSON	205
TREQUARTO, OCHSNER	205
TREQUARTO, UNIVERSAL	204
TREQUARTO, STANDARD (NELSON)	204
TROELTSCH PINZA AURICOLARE	424
TROEMNER PERCUSSIONSMARTELLO	24
TRONCHESINA PER PELLE	610
TRONCHESINA PER UNGHIE	612/1, 613
TRONCHESINA PER UNGHIE ANVIL	613
TRONCHESINA PER UNGHIE, TURNBULL	609
TROUSSEAU-DILATATORE TRACHEALE	476
TROUSSEAU-BABY DILATATORE TRACHEALE	476
TROUTMAN PINZA PER IRIDE	389
TROUTMAN-CHRIS ROMPILAMETTE	45
TUBBS DILATATORE	528
TUBINGEN PINZA PER FILO	392
TUBO DI PROLUNGAMENTO, BRUENINGS	472
TUFFIER DIVARICATORE	147
TUFFIER DIVARICATORE COSTALE	487
TUFFIER PINZA PER AFFERRARE TESSUTI	110
TURNBULL TRONCHESINA PER UNGHIE	609
TURREL PINZA INTESTINALE PER BIOPSIA	567
TYDING PINZA PER TONSILLE	467, 468
TYDING TONSILLOTOMO	469

U

UCKERMANN PORTACOTONE	203
ULRICHI PINZA PER MEDICATURA	135
ULRICHI TENAGLIA PER OSSA	248
ULTRA-LIGHT-PINZA, ATRAUMATICA	95
UNCINO ACUTO LAHEY	149
UNCINO DI FISSAZIONE, BURCH	373
UNCINO DIVARICATORE, KNAPP	375
UNCINO DIVARICATORE, ROLLET	375
UNCINO ESTRATTORE	322
UNCINO ESTRATTORI, ARRUGA	375
UNCINO GALEA, YASARGIL	330
UNCINO GASS	376
UNCINO KUGLEN	376
UNCINO NASALE AUFRICHT	447
UNCINO NASALE CONVERSE	448
UNCINO NASALE UNCINO	447
UNCINO NASALE, COTTLE	447
UNCINO NASALE, MASING-NEIVERT	447
UNCINO PER DURA MADRE, JACOBSON	335
UNCINO PER DURAMADRE	335
UNCINO PER DURAMADRE, ADSON	329
UNCINO PER FISTOLE, EMMETT	594
UNCINO PER IL STRABISMO, GRAEFE	375
UNCINO PER IL STRABISMO, GREEN	375
UNCINO PER IL STRABISMO, JAMESON	375
UNCINO PER IRIDE, O'CONNOR	375
UNCINO PER IRIDE, WIENER	375
UNCINO PER LA PELLE GRAEFE	149
UNCINO PER LA PELLE, COTTLE-NEIVERT	448
UNCINO PER LA PELLE, FOMON	447/1
UNCINO PER LA PELLE, FRAZIER	149
UNCINO PER LA PELLE, FRER	448
UNCINO PER LA PELLE, GILLIES	448

UNCINO PER LA PELLE, GUTHRIE.....	149	
UNCINO PER LA PELLE, JOSEPH.....	149	
UNCINO PER LA PELLE, KILNER.....	608	
UNCINO PER LA PELLE, KLEINERT-KUTZ.....	149	
UNCINO PER LA PELLE, REDA.....	150	
UNCINO PER LE PINNE NASALI LANGE.....	448	
UNCINO PER MUSCOLI.....	267	
UNCINO PER NERVI D'ERRICO.....	329/2	
UNCINO PER NERVI, CRILE.....	328	
UNCINO PER NERVI, CUSHING.....	328	
UNCINO PER NERVI, DANDY.....	328	
UNCINO PER NERVI, GRAHAM.....	329	
UNCINO PER NERVI, HESS.....	329/1	
UNCINO PER NERVI, KRAYENBUEHL.....	336	
UNCINO PER NERVI, LOVE.....	329/2	
UNCINO PER NERVI, SACHS.....	329	
UNCINO PER NERVI, SMITHWICK.....	329	
UNCINO PER RADICI DEI NERVI, HOLSHER.....	329/1	
UNCINO PER RADICI DEI NERVI, LOVE.....	330	
UNCINO PER RADICI DEI NERVI, SCOVILLE.....	330	
UNCINO PER TENOTOMIA, STEVENS.....	375	
UNCINO SHAMBAUGH.....	419	
UNCINO SINSKEY.....	376	
UNCINO SPEZZATORE, BRAUN.....	607	
UNCINO, BARBARA.....	419	
UNCINO, DAY.....	409	
UNCINO, FISCH.....	335	
UNCINO, LUCAE.....	409	
UNCINO, MCGEE.....	419	
UNCINO, SMELLIE.....	605	
UNCINO, WAGENER.....	409	
UNI I COMBINAZIONE PER DIAGNOSTICA CON ILLUMINAZIONE STANDARD.....	13	
UNI II COMBINAZIONE PER DIAGNOSTICA CON ILLUMINAZIONE STANDARD.....	14	
UNI III COMBINAZIONE PER DIAGNOSTICA CON ILLUMINAZIONE STANDARD.....	15	
UNIVERSAL FORBICI PER BENDAGGI.....	70	
UNIVERSAL FORBICI PER FILO DI METALLO E LAMIERA.....	67	
UNIVERSAL PINZA PER STERILIZZAZIONE.....	227	
UNIVERSAL TREQUARTO.....	204	
UNNA SCHIACCIACOMEDONI.....	608	
URETROTOMO OTIS.....	553	
US ARMY DIVARICATORE.....	141	
USA PINZA ANATOMICA.....	81	
 V		
VACUMENTRO PER VUOTI DI SANGUE.....	295	
VALLEIX ISTEROMETRO.....	586	
VALVE CON ADATTATORI AL TELAIO.....	194	
VALVE, SCOVILLE.....	196	
VAN BUREN CANDELLA DILATATRICE.....	554	
VAN BUREN TENAGLIA PER OSSA.....	249	
VAN DOREN PINZA PER BIOPSIA.....	588	
VANNAS FORBICI OCULISTICHE.....	79	
VARADY STRUMENTO PER VARICI.....	202	
VASSOIO PER PASTIGLIE.....	621	
VERBRUGGE TENAGLIA PER OSSA.....	245	
VERBRUGGE-MÜLLER ELEVATORE PER OSSA.....	286/2	
VERESS AGO DI GUIDA.....	206	
VIENNA SPECCHIO DI GUIDA SCANALATO.....	221	
VIRCHOW, COLTELLO PER CARTILAGINE E DISSEZIONE.....	48	
VIRTUS(RALK) PINZA PER SCHEGGE.....	92	
VOLKMANN CURETTA TAGLIENTE.....	251	
VOLKMANN CURETTA TAGLIENTE.....	257	
VOLKMANN DIVARICATORE.....	153	
VOLKMANN DIVARICATORE.....	154	
VOLKMANN DIVARICATORE.....	156	
VOLTOLINI SPECOLO NASALE.....	421	
VO-MORE SPECOLO VAGINALE.....	569	
 W		
WACHENFELD PINZA PER AGRAFES.....	224	
WADSWORTH-TODD CAUTERIO.....	378	
WAGENER-MOSHER CANNULA TRACHEALE.....	477	
WAGENR UNCINO.....	409	
WAGNER FORBICI GINGIVALI.....	67	
WAGNER PINZA TAGLIENTE PER LAMINECTOMIA.....	343	
WAGNER SUPERCUT FORBICI.....	72	
WALLICH CUCCHIAIO PER ABORTO.....	607	
WALSHAM PINZA PER RADDRIZZARE IL SETTO.....		
NASALE.....	449	
WALTON SGORBIA PER CORPI ESTRANEI.....	374	
WALTON SCHIACCIACOMEDONI.....	608	
WALTON SEGA TAGLIA ANELLI.....	297	
WANGENSTEEN PINZA VASCOLARE.....	89	
WANGENSTEEN PORT'AGHI.....	210	
WARTENBERG ALGESIMETRO.....	25	
WATSON DERMATOMO.....	50	
WATSON-CHEYNE ELEVATORE.....	283	
WATSON-CHEYNE SPECILLO.....	199	
WATSON-WILLIAMS PINZA NASALE.....	428	
WAUGH PINZA CHIRURGICA.....	83	
WEBER ANSA PER CATERATTA.....	378	
WEBER PINZA PER AORTA.....	501	
WEBSTER PORT'AGHI.....	208	
WECKER FORBICI OCULISTICHE.....	75	
WECKER SPATOLA PER IRIDE.....	378	
WEEK BLEFAROSTATO.....	370	
WEIL-BLAKESLEY PINZA NASALE.....	426	
WEITLANER DIVARICATORE.....	169	
WEITLANER-WULLSTEIN DIVARICATORE.....	169	
WELLER, FORBICI PER DISSEZIONE.....	53/2	
WELLS CUCCHIAIO PER ENCLEUZIONE.....	378	
WERTHEIM FORBICI PER ISTEREKTOMIA.....	63	
WERTHEIM PINZA PER ISTEREKTOMIA.....	124	
WERTHEIM PINZA PER ISTEREKTOMIA.....	128	
WERTHEIM-CULLEN PINZA PER PEDUNCOLO RENALE.....	125	
WESTCOTT FORBICI OCULISTICHE.....	75	
WESTMACOTT PINZA NASALE PER TAMPONI.....	424	
WESTON SERRANO DI RETTALE.....	566	
WHEELER COLTELLO LANCEOLARE.....	373	
WHEELER SPATOLA PER CICLOIDALISI.....	379	
WHITE PINZA PER TONSILLE.....	467	
WIEDER ABBASSALINGUA.....	452	
WIENER RASPAS NASALE.....	443	
WIENER UNCINO PER IRIDE.....	375	
WIGMORE COLTELLO PER GESSI.....	229	
WIKSTROM PINZA EMOSTATICA.....	117	
WILDE SERRANO DI.....	411	
WILDE SERRANO DI.....	433/2	
WILDE(TROELTSCH) PINZA AURICOLARE.....	410	
WILDER ANSA PER CATERATTA.....	378	
WILLET MARTEL PINZA DA PRESA.....	110	
WILLIAMS BLEFAROSTATO.....	370	
WILLIAMS CACCIAVITE.....	323	
WILLIAMS PINZA PER AFFERRARE INTESTINI.....	539	
WILLIGER CURETTA TAGLIENTE.....	255	
WILLIGER MARTELLO.....	271	
WILLIGER PERIOSTOMO.....	276	
WINTER PINZA PER ABORTO.....	606	
WITTNER PINZA PER BIOPSIA.....	589	
WOLFF PINZA STRAPPAGESSI.....	233	
WOODSON DURA DISSETTORE.....	333	
WORST, SONDA.....	381	
WRIGLEY FORCIP.....	602	
WULLSTEIN COLTELLO.....	418	
WULLSTEIN DIVARICATORE.....	171	
WULLSTEIN MANICO D'ASPIRAZIONE.....	338	
WULLSTEIN MICRO PINZA AURICOLARE A CUCCHIAIO.....	416	
WYLIE DILATATORE UTERINO.....	581	
 Y		
YANOSKIE DIVARICATORE PER CHIRURGIA PLASTICA.....	198	
YANKAUER DISSETTORE PER TONSILLE.....	465	
YASARGIL CANNULA D'ASPIRAZIONE.....	337/2	
YASARGIL CLIPS PER ANEURISMA.....	345 - 356	
YASARGIL PINZA PER TUMORI.....	97	
YASARGIL UNCINO GALEA.....	330	
YEOMAN PINZA INTESTINALE PER BIOPSIA.....	566, 567	
YOUNG BOOMERANG PER SUTURE.....	220	
YOUNG DIVARICATORE PER LA PROSTATA.....	550	
YOUNG PINZA TIRALINGUA.....	453	
 Z		
ZAUFAL ELEVATORE AURICOLARE.....	409	
ZAUFAL-JANSEN ELEVATORE AURICOLARE.....	409	
ZAUFAL-JANSEN PINZA SGORBIA.....	238	
ZENKER DIVARICATORE.....	161	
ZENKER PINZA EMOSTATICA.....	118	
ZIEGLER BLEFAROSTATO.....	371	
ZIEGLER COLTELLO LANCEOLARE.....	373	
ZIEGLER COLTELLO PER IRIDE.....	372	
ZIEGLER DILATATORE PER CANALE LACRIMALE.....	381	
ZIEGLER SPECCHIO FRONTALE.....	21	
ZIELKE SGORBIA.....	264	
ZÖLLNER CANNULA D'ASPIRAZIONE.....	337/2	