



Plastische Chirurgie

Plastic Surgery

Cirugía Plástica

Chirurgia Plastica



REDA
INSTRUMENTE GMBH



Reda Instrumente GmbH
Gänsäcker 34 - P.O. Box 131
D-78532 Tuttlingen

Telefon +49/7462/9445-0
Telefax +49/7462/9445-20
e-mail: info@Reda-Instrumente.de
<http://www.Reda-Instrumente.de>

Ausgabe Nr. 4
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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.

Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!

Indication and Contraindication please refer to our user's manual!

Indicaciones y Contraindicaciones se encuentran en la instrucciones de uso correspondientes!

Indicazioni e contraindicazioni sono segnalati nel foglio istruzioni d'impiego.

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 lufttrocken 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 firest 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 porperly 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 pileta 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 pila de ultrasonidos.

Enjuagar concientudamente 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 lubricados 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 concientudamente 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, enjuagarlos 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, LUBRICACIÓN 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 lubricados. 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 parte 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 cáñulas 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, lubricado 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 desecado según las instrucciones del fabricante. Si la portezuela del autoclave se abre完全ante 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.

Markierungs- und Messinstrumente
Marking and Measuring Instruments
Instrumentos para marcar y medir
Strumenti per marcare e misurare



MOELTGEN
03312-01
24 cm, 9 $\frac{1}{2}$ "



03314-01
13 cm, 5 $\frac{1}{8}$ "



03340-10 10 cm 4"
03340-15 15 cm 6"
03340-20 20 cm 8"
03340-30 30 cm 11 $\frac{3}{4}$ "
03340-50 50 cm 19 $\frac{3}{4}$ "

3 x 3



Facelift-Markierer
Facelift marker
Marcador para facelift
Marcatore per facelift

2 x 2

2 x 2



03385-16 16 cm, 6¹/₄"
03385-26 26 cm, 10"



Facelift-Markierer
Facelift marker
Marcador para facelift
Marcatore per facelift



PITANGUY
03370-16
16 cm, 6¹/₄"

D'ASSUMPCAO
03380-30
30 cm, 12"

LOCKWOOD
03390-30
32,5 cm, 12³/₄"

Markierungs- und Messinstrumente
Marking and Measuring Instruments
Instrumentos para marcar y medir
Strumenti per marcare e misurare



FREEMAN
03500-34 Ø 34 mm, 1³/₈"
03500-36 Ø 36 mm, 1⁵/₈"
03500-38 Ø 38 mm, 1¹/₂"
03500-42 Ø 42 mm, 1²/₃"
03500-45 Ø 45 mm, 1³/₄"
03500-50 Ø 50 mm, 2"



FREEMAN
03520-34 Ø 34 / 36 mm
03520-38 Ø 38 / 42 mm
03520-45 Ø 45 / 50 mm



ALUMINIUM

GROSSMAN
03505-00
Ø 40, 44, 48, 52



FREEMAN
03501-34 Ø 34 / 36 mm
03501-38 Ø 38 / 42 mm
03501-45 Ø 45 / 50 mm



FREEMAN
03530-34 Ø 34 mm, 1³/₈"
03530-36 Ø 36 mm, 1⁵/₈"
03530-38 Ø 38 mm, 1¹/₂"
03530-42 Ø 42 mm, 1²/₃"
03530-45 Ø 45 mm, 1³/₄"
03530-50 Ø 50 mm, 2"

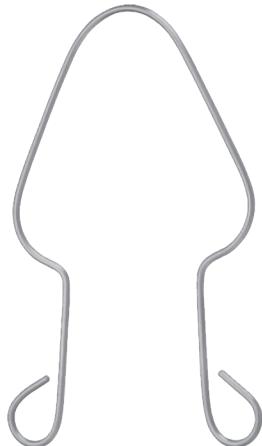


03540-32 Ø 32 mm, 1¹/₄"
03540-37 Ø 37 mm, 1¹/₂"
03540-43 Ø 43 mm, 1³/₄"

Markierungs- und Messinstrumente
 Marking and Measuring Instruments
 Instrumentos para marcar y medir
 Strumenti per marcare e misurare



McKISSOCK
 14 cm, 5 $\frac{1}{2}$ "
 03400-38 38 mm, 1 $\frac{1}{2}$ "
 03400-42 42 mm, 1 $\frac{2}{3}$ "
 03400-45 45 mm, 1 $\frac{3}{4}$ "



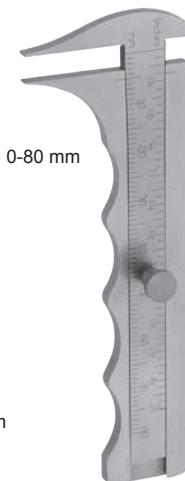
ACKERMANN
 10 cm, 4"
 03550-14 140 mm, 5 $\frac{1}{2}$ "
 03550-16 160 mm, 6 $\frac{1}{4}$ "



HALPREN
 03560-34 34 mm, 1 $\frac{1}{2}$ "
 03560-38 38 mm, 1 $\frac{2}{3}$ "
 03560-42 42 mm, 1 $\frac{3}{4}$ "



CASTROVIEJO
 43583-07 9 cm, 3 $\frac{1}{2}$ "
 43583-18 18 cm, 7"



JAMESON
 43585-00
 9,5 cm, 3 $\frac{3}{4}$ "



COLLIER
 73193-30
 30 cm, 11 $\frac{3}{4}$ "

Dermatome
Dermatome
Dermátomo
Dermatomo



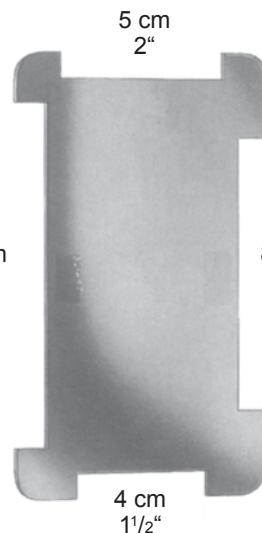
SCHINK
07490-00
30 cm, 11³/₄"

compl.
mit/with/con
07490-01 (1) Stk./pcs
07490-02 (2) Stk./pcs



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

Dermatome
Dermatome
Dermátnomo
Dermatomo



HUMBY
07495-31
31 cm, 12¹/₄"

SILVER
07498-00
19 cm, 7¹/₂"

WATSON
07499-00
30 cm, 11³/₄"

Ersatzklingen, unsteril / Spare blade, non sterile
Hoja de repuesto, no esteril / Lama di ricambio, non sterile

07496-31

07296-00

07499-01

Skalpellgriffe
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



07103-00
Fig. 3

(A)



07103-01
Fig. 3 grad

(A)



07103-02
Fig. 3 L

(A)



07109-03
Fig. 3 L

(A)

Skalpellgriffe
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



07104-00
Fig. 4

(B)



07104-02
Fig. 4 L

(B)



07105-02
Fig. 4 L

(B)



07106-01
Fig. 3

(A)

Skalpellgriffe
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



07107-00
Fig. 7

(A)



07107-01
Fig. 7K

(A)



07108-00
Fig. 8

(B)

Mini-Skalpellgriffe/Skalpellklingen
Scalpel Handles
Mangos de bisturíes
Manici per lama bisturi/lame per bisturi

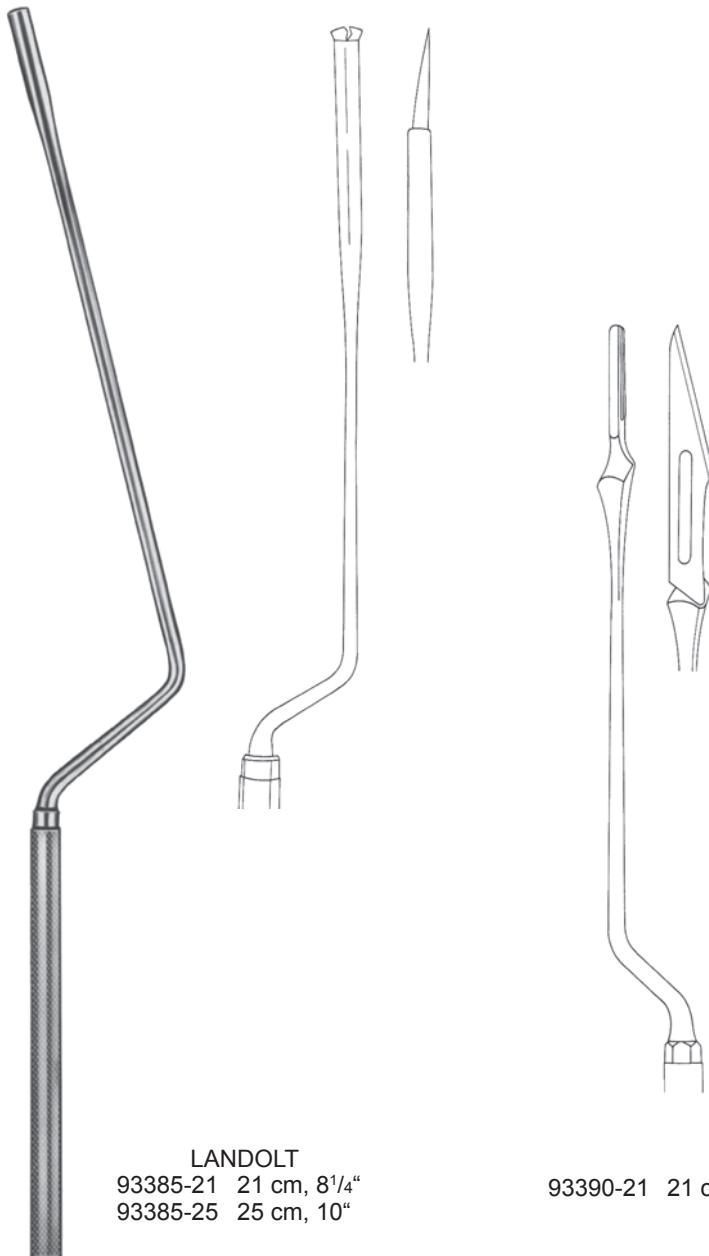


07161-00 07162-00 07165-00 07167-00

Packung mit 10 Stück
box of 10
en cajas de 10 unidades
confezione di 10 pezzi

07109-10 10,0 cm, 4"
07109-13 13,0 cm, 5 1/8"
07109-15 15,5 cm, 6"

Skalpellgriffe
Scalpel Handles
Mangos de bisturíes
Manici per lama bisturi



Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione



MAYO

09160-14	14 cm, 5½"	09161-14
09164-14 TC	14 cm, 5½"	09165-14 TC
09962-14 SC	14 cm, 5½"	09963-14 SC
09160-17	17 cm, 6¾"	09161-17
09164-17 TC	17 cm, 6¾"	09165-17 TC
09962-17 SC	17 cm, 6¾"	09963-17 SC

09160-17	17 cm, 6¾"	09161-17
09164-17 TC	17 cm, 6¾"	09165-17 TC
09962-17 SC	17 cm, 6¾"	09963-17 SC

09160-14	14 cm, 5½"	09161-14
09164-14 TC	14 cm, 5½"	09165-14 TC
09962-14 SC	14 cm, 5½"	09963-14 SC

09160-17	17 cm, 6¾"	09161-17
09164-17 TC	17 cm, 6¾"	09165-17 TC
09962-17 SC	17 cm, 6¾"	09963-17 SC

Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione



MAYO-STILLE

09170-15	15 cm, 6"	09171-15
09174-15 TC	15 cm, 6"	09175-15 TC
09964-15 SC	15 cm, 6"	09965-15 SC

09170-17	17 cm, 6 ³ / ₄ "	09171-17
09174-17 TC	17 cm, 6³/₄"	09175-17 TC
09964-17 SC	17 cm, 6³/₄"	09965-17 SC

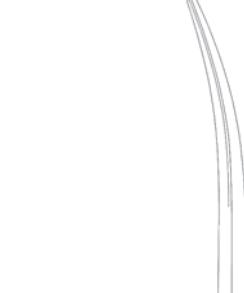
Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione



LEXER



09190-16
09194-16 TC



16 cm, 6 1/4"
16 cm, 6 1/4"



09191-16
09195-16 TC



LEXER-BABY



09202-10
09206-10 TC



10 cm, 4"
10 cm, 4"



09203-10
09207-10 TC

Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione



METZENBAUM



09280-12	12 cm, 4 ³ / ₄ "	09281-12
09284-12 TC	12 cm, 4 ³ / ₄ "	09285-12 TC
09966-11 SC	12 cm, 4 ³ / ₄ "	09967-11 SC
09280-15	15 cm, 6"	09281-15
09284-15 TC	15 cm, 6"	09285-15 TC
09970-14 SC	15 cm, 6"	09971-14 SC
09280-18	18 cm, 7"	09281-18
09284-18 TC	18 cm, 7"	09285-18 TC
09970-18 SC	18 cm, 7"	09971-18 SC
09280-20	20 cm, 8"	09281-20
09284-20 TC	20 cm, 8"	09285-20 TC
09970-20 SC	20 cm, 8"	09971-20 SC
09280-23	23 cm, 9"	09281-23
09284-23 TC	23 cm, 9"	09285-23 TC
09970-23 SC	23 cm, 9"	09971-23 SC

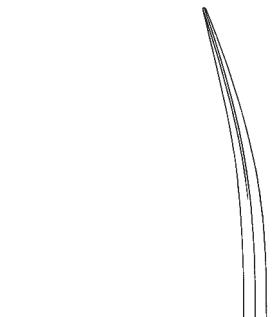
Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione



METZENBAUM



09270-15
09270-18



15 cm, 6"
18 cm, 7"
09271-15
09271-18

09274-15 TC	15 cm, 6"	09275-15 TC
09274-18 TC	18 cm, 7"	09275-18 TC



METZENBAUM-FINO



09282-15
09286-15 TC



15 cm, 6"
15 cm, 6"
09283-15
09287-15 TC

09282-18 09286-18 TC	18 cm, 7" 18 cm, 7"	09283-18 09287-18 TC
-------------------------	------------------------	-------------------------

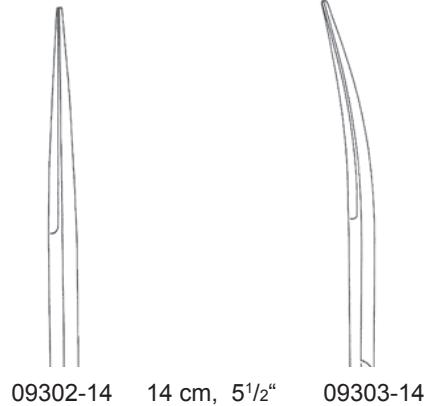
09282-20 09286-20 TC	20 cm, 8" 20 cm, 8"	09283-20 09287-20 TC
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09282-23 09286-23 TC	23 cm, 9" 23 cm, 9"	09283-23 09287-23 TC
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Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione



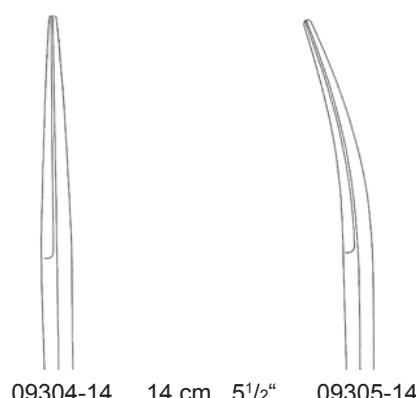
SANVENERO



09302-14 14 cm, 5 $\frac{1}{2}$ " 09303-14



JOSEPH



09304-14 14 cm, 5 $\frac{1}{2}$ " 09305-14

Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione

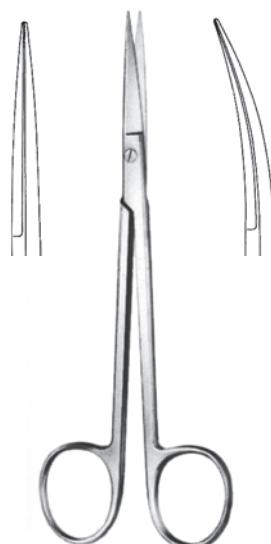


09310-12	12 cm, 4 ³ / ₄ "
09314-12 TC	12 cm, 4 ³ / ₄ "
09995-12 SC	12 cm, 4³/₄"
09310-15	15 cm, 6"

KILNER (RAGNELL)



09321-15	15 cm, 6"
09993-15 SC	15 cm, 6"
09321-18	18 cm, 7"



09540-16	16 cm, 6 ¹ / ₄ "	09541-16
09542-16 TC	16 cm, 6 ¹ / ₄ "	09543-16 TC
09544-16 SC	16 cm, 6¹/₄"	09545-16 SC

Feine Scheren
Delicate Scissors
Tijeras finas
Forbici delicate



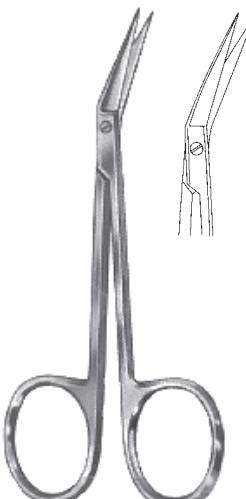
IRIS

09340-09	9 cm, 3 ¹ / ₂ "	09341-09
09340-10	10 cm, 4"	09341-10
09340-11	11 cm, 4 ³ / ₈ "	09341-11
09344-11 TC	11 cm, 4³/₈"	09345-11 TC
09980-11 SC	11 cm, 4³/₈"	09981-11 SC



BONN

09342-08 8 cm, 3¹/₈" 09343-08



IRIS

09346-11
11 cm, 4³/₈"

Feine Scheren
Delicate Scissors
Tijeras finas
Forbici delicate



KNAPP
10 cm, 4"



09348-01



09348-02



09348-03



09348-04



09348-05



09348-06

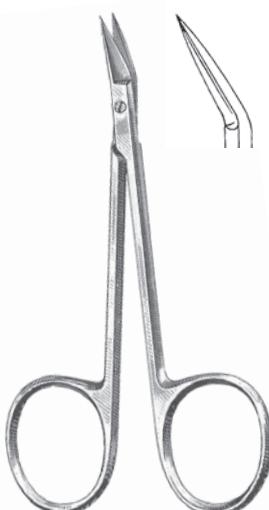
Feine Scheren
Delicate Scissors
Tijeras finas
Forbici delicate



LITTLER
09349-12
12 cm, 4³/₄"



GRAEFE
09350-10
10 cm, 4"



CONVERSE/WILMER/WALTER
09352-10
10 cm, 4"



COTTLER
09358-11
11 cm, 4³/₈"

Feine Scheren
Delicate Scissors
Tijeras finas
Forbici delicate



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

Feine Scheren
Delicate Scissors
Tijeras finas
Forbici delicate



STEVENS
11 cm, 4³/₈"

spitz
sharp
agudo
acuti



09360-11
09984-11SC



09361-11
09985-11 SC

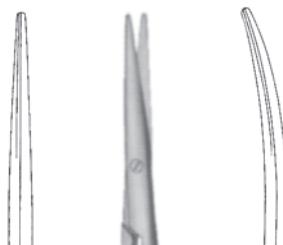
stumpf
blunt
romo
smussi



09362-11



09363-11



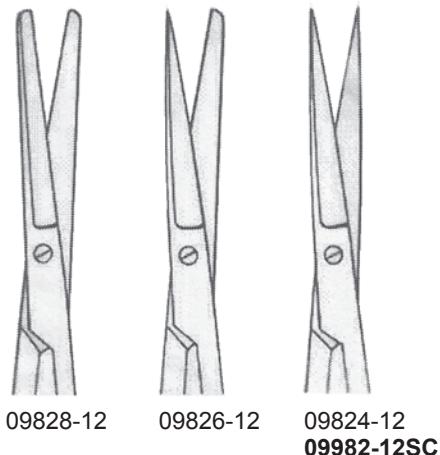
STRABISMUS

09370-11 11 cm, 4³/₈" 09371-11
09374-11TC 11 cm, 4³/₈" 09375-11TC

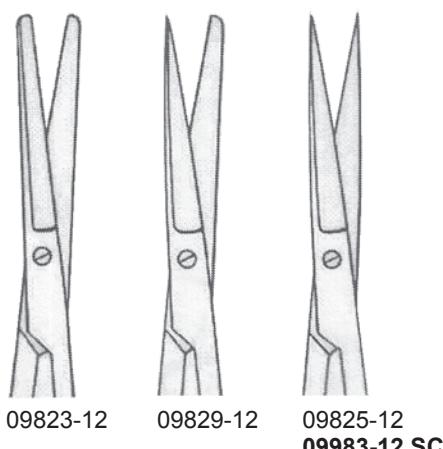
Feine Scheren
Delicate Scissors
Tijeras finas
Forbici delicate



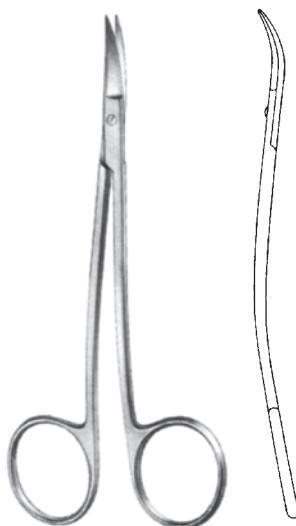
WAGNER
12 cm, 4³/₄"



WAGNER
12 cm, 4³/₄"



Zahnfleischscheren
Gum Scissors
Tijeras para encias
Forbici gingivali



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



CHADWICK
09855-11
11,5 cm, 4 1/2"

Nasenscheren
Nasal Scissors
Tijeras nasales
Forbici nasali



HEYMAN
09401-18 18 cm, 7"



FOMON
09403-15 15 cm, 6"



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



COTTLE-MASING
09406-10 10 cm, 4" 09407-10



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

Fadenscheren
Stitch Scissors
Tijeras para hilos
Forbici taglia fili



SPENCER
09802-09 9 cm, 3¹/₂"
09802-11 11 cm, 4³/₈"



LITTAUER
09804-14
14 cm, 5¹/₂"



O'BRIEN
09805-09
9 cm, 3¹/₂"

Knorpelscheren/Zahnfleischscheren
Cartilage Scissors/Gum Scissors
Tijeras para cartílago/Tijeras para encías
Forbici per cartilagine/Forbici gingivali



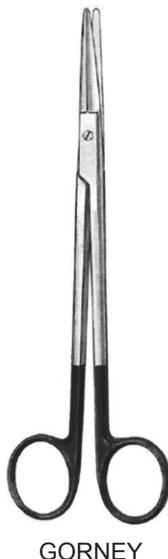
MC INDOE
09614-19
19 cm, 7 $\frac{1}{2}$ "

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



GOLDMAN-FOX
13 cm, 5 $\frac{1}{8}$ "
09820-13
09821-13
09821-13SC

Face-Lift Scheren
Face-Lift Scissors
Face Lift tijeras
Face Lift forbici



10010-19	19 cm, 7 ¹ / ₂ "	10011-19
10012-19 TC	19 cm, 7 ¹ / ₂ "	10013-19 TC
10014-19 SC	19 cm, 7 ¹ / ₂ "	10015-19 SC



10061-19	19 cm, 7 ¹ / ₂ "
10061-19 TC	19 cm, 7 ¹ / ₂ "
10061-19 SC	19 cm, 7 ¹ / ₂ "

GORNEY-FREEMAN

Face-Lift Scheren
Face-Lift Scissors
Face-Lift tijeras
Face Lift forbici



KAYE

10028-14 TC	14 cm, 5½"	10029-14 TC
10034-14 SC	14 cm, 5½"	10035-14 SC
10030-18 TC	18 cm, 7"	10031-18 TC
10036-18 SC	18 cm, 7"	10037-18 SC
10032-23 TC	23 cm, 9"	10033-23 TC
10038-23 SC	23 cm, 9"	10039-23 SC



PECK-JOSEPH

10044-14	14,5 cm, 5¾"	10045-14
10048-14 SC	14,5 cm, 5¾"	10049-14 SC



BEUSE

10050-14	14 cm, 5½"	10051-14
10050-18	18 cm, 7"	10051-18

Blepharoplastik Scheren
Blepharoplasty Scissors
Tijeras para blefaroplastia
Forbici per blefaroplastica

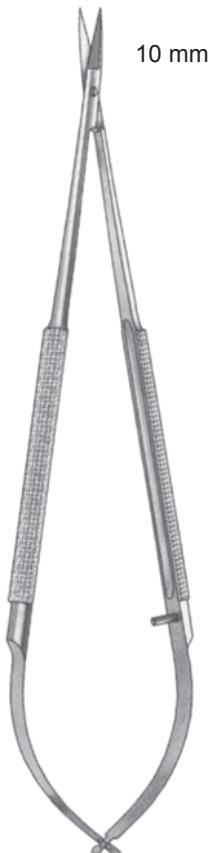


GREENBERG-PAR
10201-11 11,5 cm 4 $\frac{1}{2}$ "
10201-11SC 11,5 cm 4 $\frac{1}{2}$ "



KAYE
10206-11 11,5 cm, 4 $\frac{1}{2}$ "
10206-11SC 11,5 cm, 4 $\frac{1}{2}$ "
10207-11 10207-11SC

Mikro Scheren
Micro Scissors
Micro tijeras
Micro forbice



11 cm
4³/₈"

10202-11

10203-11

14,5 cm
5³/₄"

10202-14

10203-14

10202-14T

10203-14T

18 cm
7"

10202-18

10203-18

10202-18T

10203-18T

21 cm
8¹/₄"

10202-21

10203-21

10202-21T

10203-21T

23 cm
9"

10202-23

10203-23

T= Titan, titanium, titanio, titanio

Mikro Scheren
Micro Scissors
Micro tijeras
Micro Forbice



25° 10220-25

10220-25T

45° 10220-45

10220-45T

60° 10220-60

10220-60T

90° 10220-90

10220-90T

125° 10220-00

10220-00T

18 cm 7"

T= Titan, titanium, titanio, titanio

Mikro Scheren
Micro Scissors
Micro tijeras
Micro Forbice



	11 cm 4 ³ / ₈ "	14,5 cm 5 ³ / ₄ "	18 cm 7"	21 cm 8 ¹ / ₄ "	23 cm 9"
25°	10226-11	10226-14	10226-18 10226-18T	10226-21	10226-23
45°	10227-11	10227-14	10227-18 10227-18T	10227-21	10227-23
60°	10228-11	10228-14	10228-18 10228-18T	10228-21	10228-23
90°	10229-11	10229-14	10229-18 10229-18T	10229-21	10229-23
125°	10230-11	10230-14	10230-18 10230-18T	10230-21	10230-23

T= Titan, titanium, titanio, titanio

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

14,5 5 3/4" 11102-14

11103-14

15,0 6"

15,5 6"

16,0 6 1/4" 11102-16

18,0 7" 11102-18

20,0 8" 11102-20

21,0 8 1/4" 11104-21

11104-13

11104-14

11106-13

11106-15

11104-15

11104-18

11104-21



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 **11114-18 TC**

20,0 8" 11110-20 **11114-20 TC**

21,0 8 1/4" 11110-25 **11114-25 TC**

11112-18 **11116-18 TC**

11126-18

11112-21 **11116-21 TC**

11126-21

11112-25 **11116-25 TC**

11126-25

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



STANDARD

1x2



USA

1x2



STILLE

1x2



schmal
narrow
estrecha
stretta

1x2

cm				
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	



OEHLER



2x3

3x4

4x5

cm				
11,5	4 1/2"		11140-11	
13,0	5 1/8"	11140-13	11150-13	11160-13
14,5	5 3/4"	11140-14	11150-14	11160-14
16,0	6 1/4"	11132-16 TC	11140-16	11150-16
18,0	7"	11132-18 TC	11140-18	11160-16
20,0	8"	11132-20 TC	11140-20	

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^{3/4}"
11170-15 15,0 cm, 6"



ADSON
11170-12F 12 cm, 4^{3/4}"



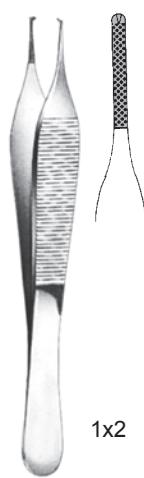
ADSON
11174-12 TC 12,0 cm, 4^{3/4}"
11174-15 TC 15,0 cm, 6"



ADSON micro
11176-12 12,0 cm, 4^{3/4}"
11176-15 15,0 cm, 6"



ADSON-DeBAKEY atraumatic
11177-12
12,0 cm, 4^{3/4}"



ADSON
11178-12
12,0 cm, 4 3/4"



ADSON
11179-12
12 cm, 4 3/4"

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



1x2

ADSON
11180-12 12,0 cm, 4³/₄"
11180-15 15,0 cm, 6"



1x2

ADSON
11180-12F 12 cm, 4³/₄"



1x2

ADSON
11181-12 TC 12,0 cm, 4³/₄"
11181-15 TC 15,0 cm, 6"



BEASELEY BABCOCK
11182-12 12 cm, 4³/₄"



1x2

ADSON micro
11186-12 12,0 cm, 4³/₄"
11186-15 15,0 cm, 6"



1x2

ADSON
11187-12 12 cm, 4³/₄"

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



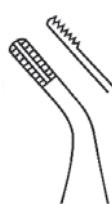
7x7



7x7



7x7



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}"

ADSON-BROWN
11188-12F 12 cm, 4^{3/4}"

ADSON-BROWN
11191-12 12 cm, 4^{3/4}"

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



1x2



9x9



GRAEFE

WAUGH
 11187-18 18 cm, 7"
 11187-20 20 cm, 8"
 11187-25 25 cm, 10"
 11187-30 30 cm, 11³/₄"

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"



11221-17



11223-17



5x6

CUSHING

11220-17

11224-17 TC
 17,0 cm, 6³/₄"

CUSHING

11222-17

11225-17 TC
 17,0 cm, 6³/₄"

LERCHE

11232-15

15,0 cm, 6"

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



1x2

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



2x3

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"

1x2



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"



15,5 cm, 6"

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



GERALD
 11302-17 17,5 cm, 6.9"
 11302-23 23,0 cm, 9"
11304-17 TC 17,0 cm, 6³/₄"



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, 7¹/₄"



GERALD
11313-17
17,5 cm, 6.9"



TAYLOR
17 cm, 6³/₄"

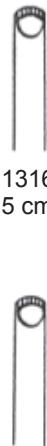


TAYLOR
17 cm, 6³/₄"

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



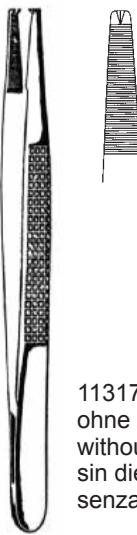
11316-14
14,5 cm, 5³/₄"



11316-20
20 cm, 8"

11316-16
16 cm, 6¹/₄"

DURANTE



BONNEY
18 cm, 7"

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

11317-00
ohne Zähne
without teeth
sin dientes
senza denti



11318-18
18 cm
7"
11318-20
20 cm
8"
11318-25
25 cm
10"

3x4

STILLE-BARRAYA



OCHSNER
11319-14
14,5 cm, 5³/₄"



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

Splitterpinzetten
Splinter Forceps
Pinzas para espinas
Pinze per schegge

Fig.: 1



11401-01
12 cm, 4³/₄"

3



11403-03
12 cm, 4³/₄"

3c



11403-04
11 cm, 4³/₈"

Fig.: 4



11404-04
11 cm, 4³/₈"

5



11405-05
11 cm, 4³/₈"

7



11407-07
12 cm, 4³/₄"

mit Führungsstift
with guide pin

Mikro- Knüpfpinzetten
Micro Suture Tying Forceps
Micro pinzas para ligaduras
Micro pinze per legature



	0,3 mm	0,7 mm
12 cm, 4 ³ / ₄ "	12102-12	
	12102-12D	
	12102-12T	12108-12T
15 cm, 6"	12104-15	
	12104-15D	
	12104-15T	12108-15T
18 cm, 7"		12108-18
		12108-18D
	12104-18T	12108-18T
21 cm, 8 ¹ / ₄ "		12102-21
		12102-21D
	12104-21T	12108-21T
23 cm, 9"		12102-23
		12102-23D
	12104-23T	12108-23T

	0,3 mm	0,7 mm
12 cm, 4 ³ / ₄ "	12103-12	
	12103-12D	
15 cm, 6"	12103-15	
	12103-15D	
18 cm, 7"		12109-18
		12109-18D
21 cm, 8 ¹ / ₄ "		12109-21
		12109-21D
23 cm, 9"		12109-23
		12109-23D

	0,3 mm	0,3 mm
15 cm, 6"	12090-15D	12091-15D
18 cm, 7"	12090-18D	12091-18D
	0,8 mm	0,8 mm
21 cm, 8 ¹ / ₄ "	12090-21D	12091-21D
23 cm, 9"	12090-23D	12091-23D

1x2

D = mit diamantiertem Maul
with diamond jaw

con boca de diamante

con morso diamantato

T = Titan, titanium, titanio, titanio

Mikro- Ring-Pinzette mit diamantiertem Maul + TITAN
Micro Ring Forceps with Diamond Jaw + Titanium
Micro Pinzas con anillo con boca de diamante + Titanio
Micro Pinza ad anello con morso diamantato +Titanio



	Ø 1 mm x 0,5 mm	Ø 2 mm x 1 mm
15 cm, 6"	12112-15D 12112-15T	12114-15D 12114-15T
18 cm, 7"	12112-18D 12112-18T	12114-18D 12114-18T
21 cm, 8 1/4"	12112-21D 12112-21T	12114-21D 12114-21T
23 cm, 9"	12112-23D 12112-23T	12114-23D 12114-23T

D = mit diamantiertem Maul
with diamond jaw
con boca de diamante
con morso diamantato

T = Titan, titanium, titanio, titanio

Atrauma- Mikro- Pinzette
Atrauma Micro Forceps
Micro pinza atraumaticas
Micro Pinza Atraumatica



	1,2 mm	2,0 mm
15 cm, 6"	12115-15 12115-15T	12116-15
18 cm, 7"	12115-18 12115-18T	12116-18
21 cm, 8 1/4"	12115-21 12115-21T	12116-21
23 cm, 9"	12115-23 12115-23T	12116-23

T = Titan, titanium, titanio, titanio

De BAKEY

TC Atrauma Pinzette
TC Atrauma Forceps
Pinza atraumaticas con TC
Pinza Atraumatica TC



1,2 mm

2,0 mm

<u>18 cm, 7"</u>	12117-18 TC	12118-18 TC
<u>21 cm, 8¹/₄"</u>	12117-21 TC	12118-21 TC
<u>23 cm, 9"</u>	12117-23 TC	12118-23 TC

De BAKEY TC

Atraumatische Pinzetten
 Atraumatic Tissue Forceps
 Pinzas atraumaticas
 Pinze Atraumatiche



1 mm

DE BAKEY
 12302-16 16 cm, 6 1/4"
 12302-20 20 cm, 8"
 12302-24 24 cm, 9 1/2"



1,5 mm

DE BAKEY
 12306-16 16 cm, 6 1/4"
 12306-20 20 cm, 8"
 12306-24 24 cm, 9 1/2"
 12306-30 30 cm, 11 3/4"



2,0 mm

DE BAKEY
 12308-16 16 cm, 6 1/4"
 12308-20 20 cm, 8"
 12308-24 24 cm, 9 1/2"
 12308-30 30 cm, 11 3/4"



2,0 mm

DE BAKEY
 12309-16 16 cm, 6 1/4"
 12309-20 20 cm, 8"
 12309-24 24 cm, 9 1/2"
 12309-30 30 cm, 11 3/4"



2,7 mm

DE BAKEY
 12304-16 16 cm, 6 1/4"
 12304-20 20 cm, 8"
 12304-24 24 cm, 9 1/2"
 12304-30 30 cm, 11 3/4"



3,5 mm

DE BAKEY
 12310-16 16 cm, 6 1/4"
 12310-20 20 cm, 8"
 12310-24 24 cm, 9 1/2"
 12310-30 30 cm, 11 3/4"

Iris Pinzetten

Iris Forceps

Pinzas para iris

Pinze per iride



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



BISHOP-HARMAN
43940-05 8,5 cm, 3.4"
0,5 mm



BISHOP-HARMAN
43940-08 8,5 cm, 3.4"
0,8 mm



1x2

BISHOP-HARMAN
43942-05 8,5 cm, 3.4"
0,5 mm



1x2

BISHOP-HARMAN
43942-08 8,5 cm, 3.4"
0,8 mm

Nahtpinzetten
Suture forceps
Pinzas para sutura
Pinza per sutura



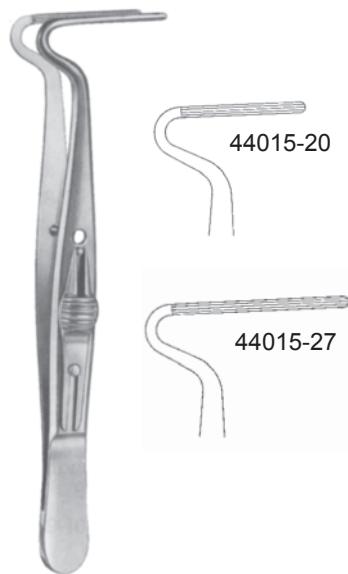
MOD. TUEBINGEN
43950-10
10 cm, 4"



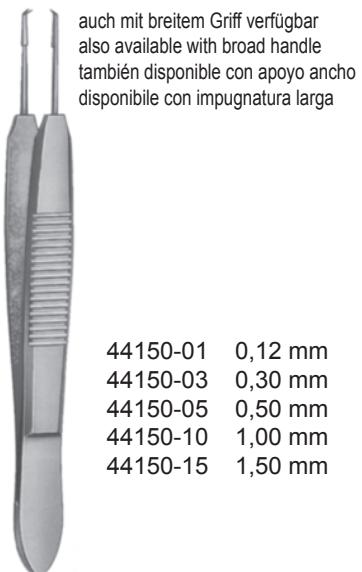
MOD. TUEBINGEN
43953-10
10 cm, 4"

MOD. BONN
43952-10
10 cm, 4"/ 0,12 mm

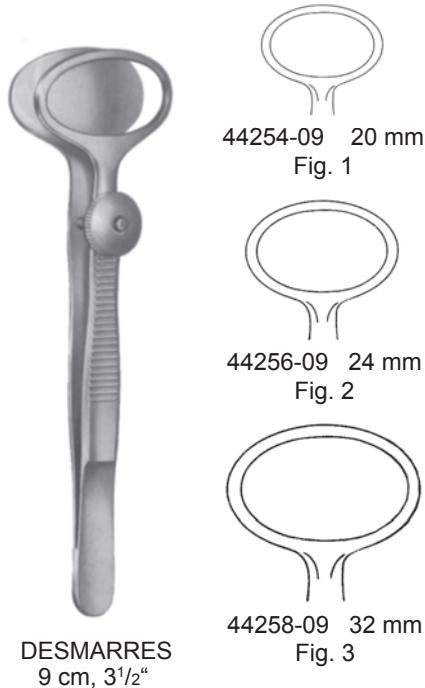
Muskelpinzetten, Nahtpinzetten, Chalazionspinzetten, Cilienspinzetten
 Muscle Forceps, Suture forceps, Forceps for Chalazion, Cilia Forceps
 Pinzas musculares, Pinza para sutura, Pinzas de chalazión, Pinza depilatorias
 Pinza muscolare, Pinza per sutura, Pinze per calazio, Pinza depilatoria



BERKE
10 cm, 4"



CASTROVIEJO
10 cm, 4"



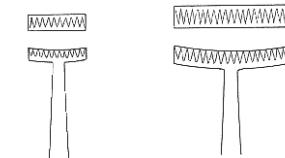
DESMARRES
9 cm, 3 1/2"



Fixierpinzetten
Fixation forceps
Pinzas para fijación
Pinze fissatrici

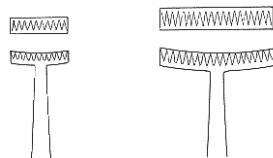


GREEN
10 cm, 4"



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

Ohrpinzetten, Columella pinzette
Ear Forceps, Columella Forceps
Pinzas auriculares, Pinza para columela
Pinze auricolari, Pinza per columella



WILDE (TROELTSCH)
45201-11 11 cm, 4³/₈"



LUCAE
45206-14 14 cm, 5¹/₂" 45208-14 14 cm, 5¹/₂"
45206-16 16 cm, 6¹/₄"



TROELTSCH
47151-15 15 cm, 6"
47151-18 18 cm, 7"



JANSEN-GRUENWALD
47154-20 20 cm, 8"



COTTLE
47565-10 10 cm, 4"

Lidplatte
Lid Plate
Placa para párado
Placca per palpebre



JAEGER
43150-11 11 cm, 4³/₈"

Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinze emostatiche



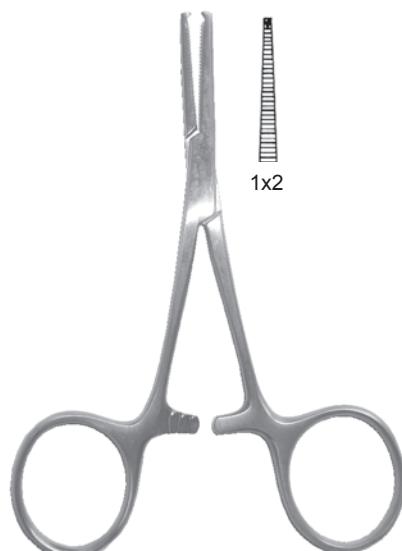
HARTMANN
13210-10 10 cm, 4"



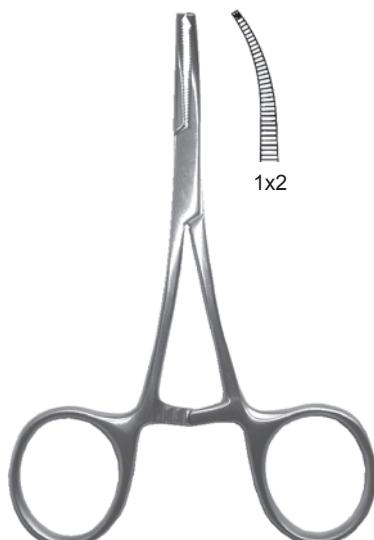
HARTMANN
13211-10 10 cm, 4"

Micro - HARTMANN
13214-10 10 cm, 4"

Micro - HARTMANN
13215-10 10 cm, 4"



HARTMANN
13212-10 10 cm, 4"



HARTMANN
13213-10 10 cm, 4"

Arterienklemmen
 Artery Forceps
 Pinzas hemostáticas
 Pinze emostatiche

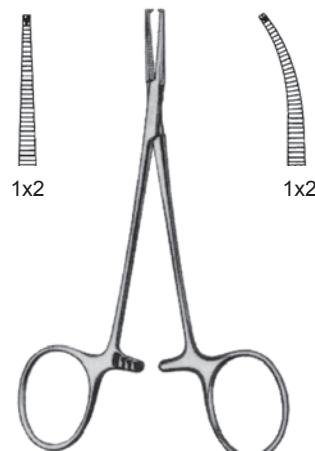
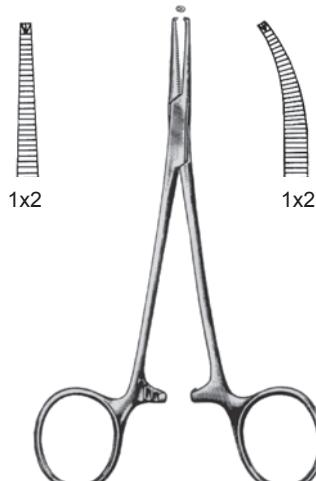


HALSTED-MOSQUITO

13224-12T	13220-12	12,5 cm, 5"	13221-12	13225-12T
	13220-14	14,0 cm, 5½"	13221-14	
	13220-18	18,0 cm, 7"	13221-18	
	13220-21	21,0 cm, 8¼"	13221-21	

HALSTED-MOSQUITO micro

13222-12	12,5 cm, 5"	13223-12
JACOBSEN micro		
13226-12	12,5 cm, 5"	13227-12



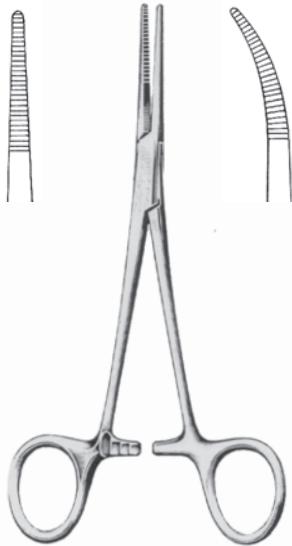
HALSTED-MOSQUITO

13230-12	12,5 cm, 5"	13231-12
13230-14	14,0 cm, 5½"	13231-14
13230-18	18,0 cm, 7"	13231-18
13230-21	21,0 cm, 8¼"	13231-21

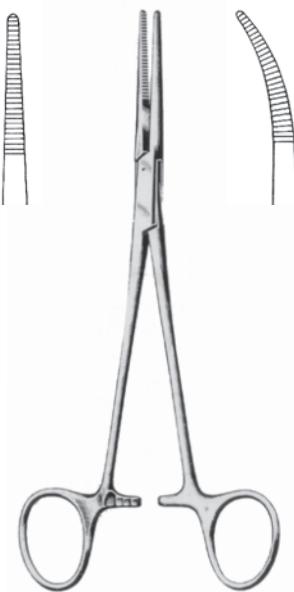
HALSTED-MOSQUITO micro

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

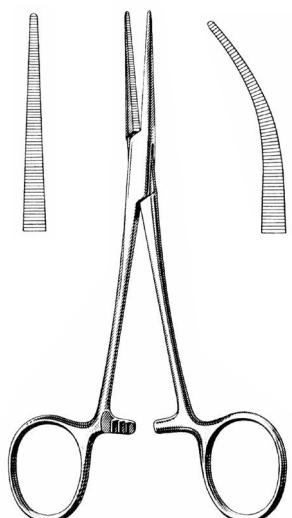
Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinze emostatiche



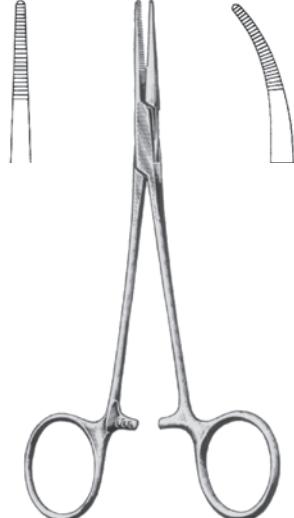
KELLY
 13240-14 14 cm, 5 $\frac{1}{2}$ " 13241-14
 13240-18 18 cm, 7" 13241-18
13244-14 14 cm, 5 $\frac{1}{2}$ " 13245-14



KELLY-RANKIN
 13242-16 16 cm, 6 $\frac{1}{4}$ " 13243-16

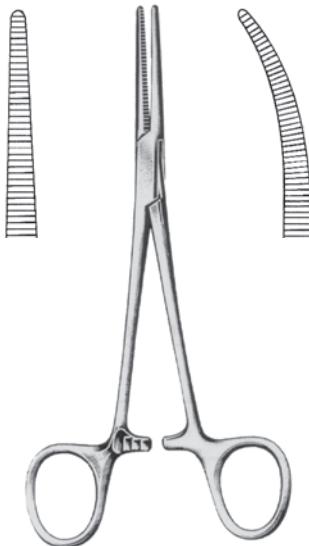


COLLER-CRILE
 13256-14 14 cm, 5 $\frac{1}{2}$ " 13257-14
 13258-16 16 cm, 6 $\frac{1}{4}$ " 13259-16

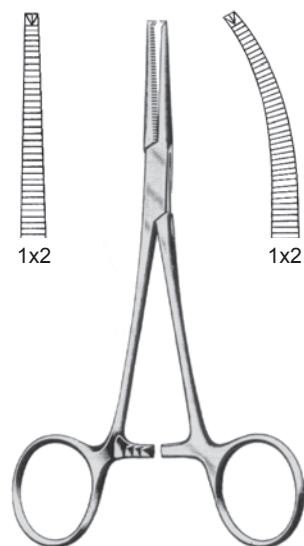


PROVIDENCE-HOSPITAL
 13270-14 14 cm, 5 $\frac{1}{2}$ " 13271-14

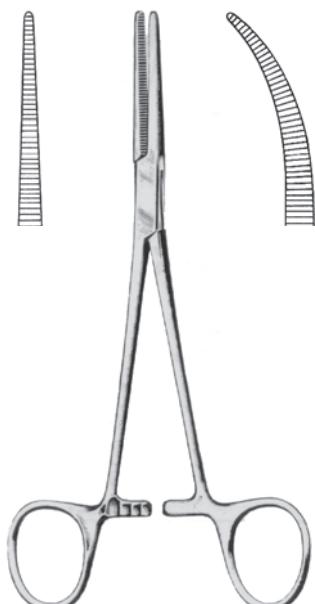
Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinze emostatiche



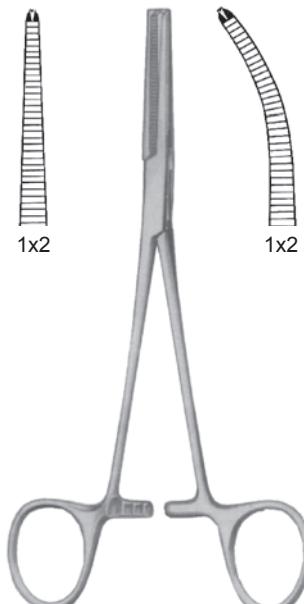
CRILE
13250-14 14 cm, 5 $\frac{1}{2}$ " 13251-14
13250-18 18 cm, 7" 13251-18
13254-14 14 cm, 5 $\frac{1}{2}$ " 13255-14



CRILE
13260-14 14 cm, 5 $\frac{1}{2}$ " 13261-14

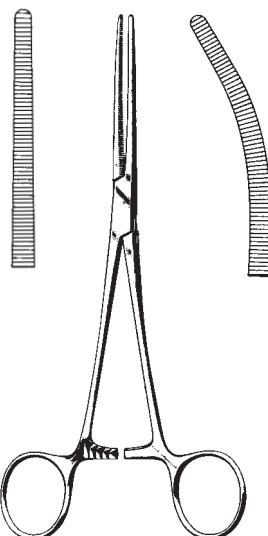


CRILE-RANKIN
13262-16 16 cm, 6 $\frac{1}{4}$ " 13263-16

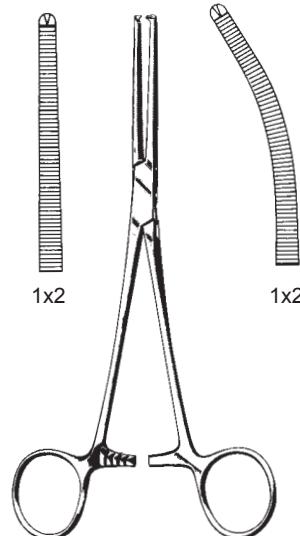


CRILE-RANKIN
13264-16 16 cm, 6 $\frac{1}{4}$ " 13265-16

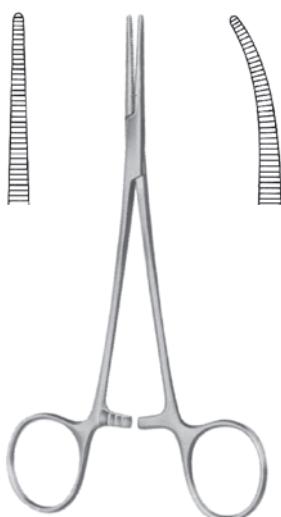
Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinze emostatiche



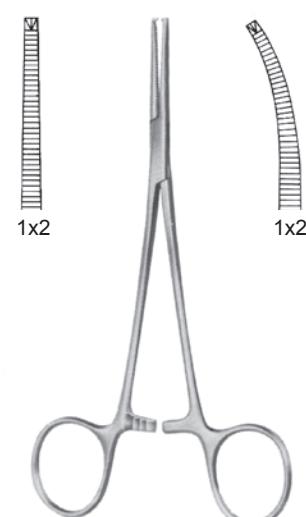
ROCHESTER-PEAN
13310-13 13,0 cm, 5 $\frac{1}{8}$ " 13311-13
13310-14 14,0 cm, 5 $\frac{1}{2}$ " 13311-14
13310-16 16,0 cm, 6 $\frac{1}{4}$ " 13311-16



ROCHESTER-OCHSNER
13320-13 13,0 cm, 5 $\frac{1}{8}$ " 13321-13
13320-14 14,0 cm, 5 $\frac{1}{2}$ " 13321-14
13320-16 16,0 cm, 6 $\frac{1}{4}$ " 13321-16



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



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

Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinze emostatiche



ADSON
13410-18 18,5 cm, 7¹/₄" 13411-18

Wundhaken
Retractors
Separadores
Divaricatori



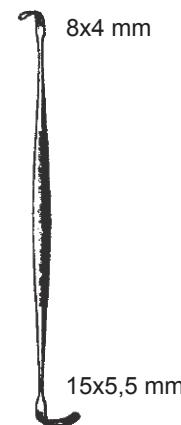
FARABEUF
19102-12
12 cm, 4³/₄"



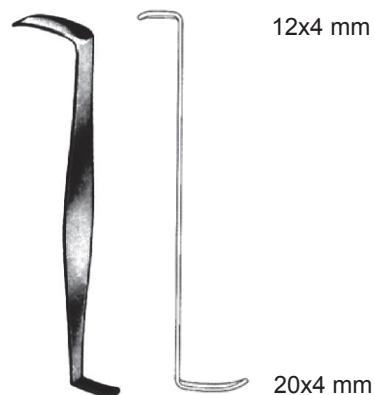
FARABEUF
19102-15
15 cm, 6"



ROUX mini
19124-15
14 cm, 5¹/₂"



RAGNELL
19125-14
14 cm, 5¹/₂"



CRILE
19127-11
11 cm, 4¹/₂"

Bauch- und Darmspatel
Abdominal and Intestinal Spatulas
Espátulas abdominales e intestinales
Spatole addominali e intestinali

biegsam
malleable
maleables
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

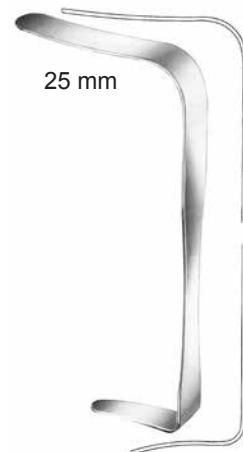
Wundhaken
Retractors
Separadores
Divaricatori



DEAVER
19180-19
19 cm, 7½"



DEAVER
19181-22
21,5 cm, 8½"



DEAVER
19181-25
23 cm, 9"



DEAVER
19183-25
30 cm, 11¾"



DEAVER
19185-25
33 cm, 13"



DEAVER
19187-25
36 cm, 14"

Wundhaken
Retractors
Separadores
Divaricatori

25 mm



CL = mit Kaltlicht
with cold light
con luz fria
con luce fredda



FREEMAN

20 cm/8"

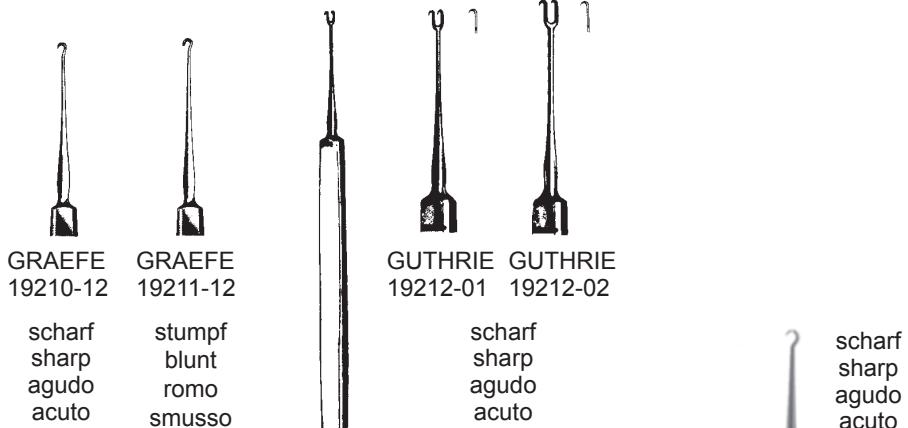
12 mm	19188-12	19188-12CL
25 mm	19188-25	19188-25CL

DEAVER

19183-25CL

30 cm/12"

Feine Wundhaken
Retractors
Separadores
Divaricatori



12 cm, 4^{3/4}"



TYRELL
19213-12
12 cm, 4^{3/4}"

Feine Wundhaken
Retractors
Separadores
Divaricatori



FRAZIER

A	B
scharf	stumpf
sharp	blunt
agudo	romo
acuto	smusso

A 19214-13 13 cm, 5 $\frac{1}{8}$ "
A 19214-18 18 cm, 7"

B 19215-13 13 cm, 5 $\frac{1}{8}$ "
B 19215-18 18 cm, 7"

19215-01

19215-02

19215-03

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



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

19216-01
1 mm

19216-02
2 mm

19216-05
5 mm

19216-07
7 mm

19216-10
10 mm

19217-03

19217-05

19217-07

KLEINERT-KUTZ
13 cm, 5 $\frac{1}{8}$ "

Feine Wundhaken
Retractors
Separadores
Divaricatori



BARSKY
19218-01
15 cm, 6"



BARSKY
19218-02
15 cm, 6"



HUMBY
19218-11
11,5 cm, 4 1/2"

Wundhaken
Retractors
Separadores
Divaricatori



19220-01



19220-03



19220-02



19220-04

REDA
16 cm, 6¹/₄"

19221-01



19221-03



19221-02



19221-04

REDA
16 cm, 6¹/₄"

19226-02



19226-03

19226-04



19227-02



19227-03

19227-04



19229-02



19229-03

REDA, flexibel
16 cm, 6¹/₄"KLAPP
17,5 cm, 6.9"

Wundhaken
Retractors
Separadores
Divaricatori



DESMARRES
19230-00 16 cm, 6¹/₄"



19230-10 10 mm



19230-16 16 mm



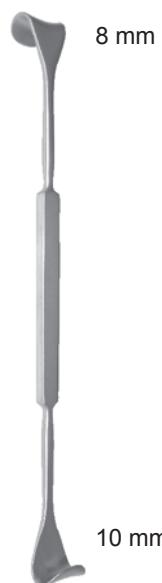
19230-12 12 mm



19230-18 18 mm



19230-14 14 mm



DESMARRES
19234-00 14 cm, 5¹/₂"



KASDAN
19237-16 16 cm, 6¹/₄"



VOLKMANN
11,5 cm, 4¹/₂"



19270-02



19271-02



19270-03



19271-03



19270-04



19271-04



19270-06



19271-06

Wundhaken
Retractors
Separadores
Divaricatori



19302-01 18x7 mm



19302-04 7x4 mm

19302-02 16x5 mm



19302-05 10x3 mm

19302-03 7x4 mm



19302-06 10x4 mm

MEYERDING
18 cm, 7"

19307-01



19307-02

STRANDELL-STILLE
17 cm, 6³/₄"

Wundsperrer
Retractors
Separadores
Divaricatori

3x4



spitz
sharp
agudo
acuto

19610-07

FINSEN
7 cm, 2³/₄"

stumpf
blunt
romo
smusso

19611-07

4x4



spitz
sharp
agudo
acuto

19620-07

ALM
7 cm, 2³/₄"

19620-10

10 cm, 4"

stumpf
blunt
romo
smusso

19621-07

19621-10

3x3



spitz
sharp
agudo
acuto

19630-10

JANSEN
10 cm, 4"

stumpf
blunt
romo
smusso

19631-10

4x4



spitz
sharp
agudo
acuto

19634-10

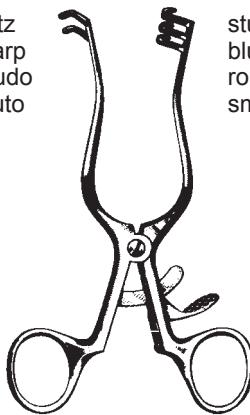
HOLZHEIMER
10 cm, 4"

stumpf
blunt
romo
smusso

19635-10

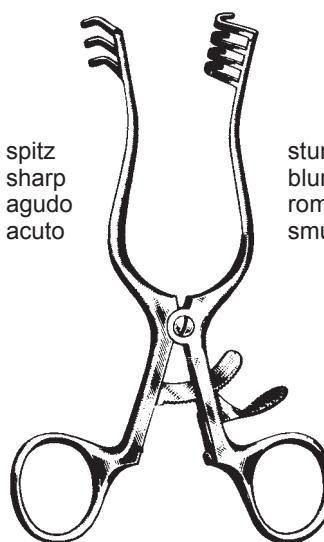
Wundsperrer
Retractors
Separadores
Divaricatori

2x3
spitz
sharp
agudo
acuto stumpf
blunt
romo
smusso



WEITLANER
19650-10 11,5 cm, 4½" 19651-10

3x4
spitz
sharp
agudo
acuto stumpf
blunt
romo
smusso



WEITLANER
19670-14 14 cm, 5½" 19671-14

Endo Dissektoren
Endo dissectors
Dissectores
Dissettori



19741-01 LANGENBECK, 5,0 mm
19741-02 LANGENBECK, 7,0 mm
19741-03 LANGENBECK, 10,0 mm

19741-04 LANGENBECK, 5,0 mm
19741-05 LANGENBECK, 7,0 mm
19741-06 LANGENBECK, 10,0 mm

19741-07 LANGENBECK, 12,5 mm

19741-08 LANGENBECK-COTTLE 7,0 mm

19741-09 LANGENBECK-COTTLE, 7,0 mm

19741-10 LANGENBECK
konkav, concave, concavo, concavo

19741-11 Mini-LANGENBECK

Nervenhaken / nerve hook
gancho para nervios / uncino p. nervi

19741-12 links / left / izquierda / sinistra
19741-13 rechts / right / derecha / destra

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



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 |
| 19960-07 | 150 mm x 36 mm |

mit Kaltlicht + Absaugung
with cold light + aspiration
con luz fria + aspiracion
con luce fredda + aspirazione

TEBBETTS

- | | |
|----------|----------------|
| 19980-00 | 180 mm x 25 mm |
| 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



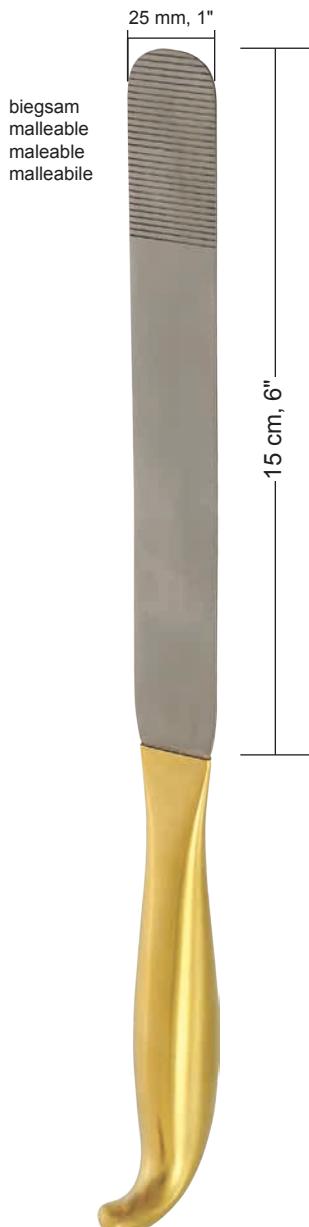
180 x 25 mm

passend für 10 mm Optik
 for 10 mm scope
 para óptica de 10 mm
 per ottica 10 mm

19999-10



Spatel
Spatula
Espatula
Spatola



19992-31
31,5 cm, 12 $\frac{1}{2}$ "

BREAST		
19970-23	23,0 cm, 9"	34 x 100 cm, 20 x 60 cm
19970-24	24,0 cm, 9 $\frac{1}{2}$ "	38 x 70 cm, 22 x 55 cm
19970-01	31,5 cm, 12 $\frac{1}{2}$ "	38 x 70 cm, 20 x 55 cm

Brustdissektoren
Breast Dissectors
Separadores mamarios
Separatori mammari

Satz
Set
Juego
Set

graduiert
graduated
graduado
graduato



AGRIS-DINGMAN
19999-00
36 cm, 14"

MacCOLLUM-DINGMAN
19999-01 41 cm, 16"
19999-31 31,5 cm, 12½"

TEBBETTS
19999-02
33 cm, 13"

TEBBETTS
19999-03
33 cm, 13"

REYNOLDS
(Transauxillary)
19999-05
40 cm, 16"

Brustdissektoren
Breast Dissectors
Separadores mamarios
Separatori mammari



SILVERSTEIN
19999-04
35,5 cm, 14"

LOCKWOOD
19999-06
38 cm, 15"

19989-22
19989-29
22,0 cm, 8 $\frac{3}{4}$ "
29,5 cm, 9 $\frac{1}{2}$ "

19999-22
19999-29
22,0 cm, 8 $\frac{3}{4}$ "
29,5 cm, 9 $\frac{1}{2}$ "

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



YANCOSKIE
19990-18
18 cm, 7"



YANCOSKIE
19991-18
18 cm, 7"

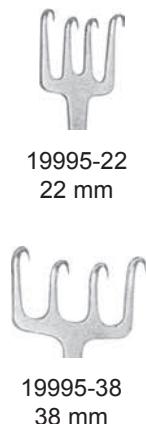
Wundhaken für plastische Chirurgie
 Retractors for plastic surgery
 Separadores para cirugía plástica
 Divaricatore per chirurgia plastica



CORONAL
19980-18
18 cm, 7"



FREEMAN
18 cm, 7"



19995-38
38 mm



FREEMAN
19996-18
18 cm, 7"

38 mm



ANDERSON

5 Finger
5 prongs
5 dientes
5 rebbi

19998-05



GORNEY
19996-04
7,5 cm, 3"



FREEMAN
19997-09
10 cm, 4"

22 mm

rechts
right
derecho
destro

19998-01

rechts
right
derecho
destro

19998-11



MILLARD

18 mm

links
left
izquierda
sinistra

19998-02



MILLARD

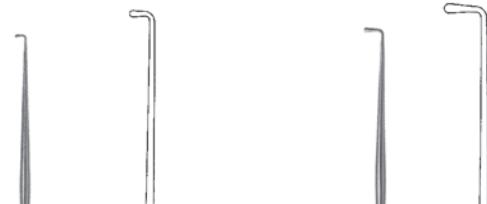
links
left
izquierda
sinistra

19998-12

Nervenhaken, Durahaken
Nerve Hooks, Dura Hooks
Ganchos para nervios y para duramadre
Unicini per nervi e per dura-madre



CRILE
41054-20
20 cm, 8"



CUSHING
41056-18
18 cm, 7"



CUSHING
41058-18
18 cm, 7"



scharf
sharp
agudo
acuto

ADSON
41068-20
20 cm, 8"



stumpf
blunt
romo
smusso

ADSON
41069-20
20 cm, 8"

Feine Wundhaken
Retractors
Separadores
Divaricatori



spitz
sharp
agudo
acuti

O'CONNOR
43370-12
12 cm, 4³/₄"



spitz
sharp
agudo
acuti

WIENER
43372-13
13 cm, 5¹/₈"



stumpf
blunt
romo
smussi

WIENER
43373-13
13 cm, 5¹/₈"



spitz
sharp
agudo
acuti



ROLLET
43376-13
13,5 cm, 5¹/₄"



stumpf
blunt
romo
smussi

KNAPP
43377-13
13 cm, 5¹/₈"



spitz
sharp
agudo
acuti

MILLER
43378-13
13 cm, 5¹/₈"

Nasenhaken
Nasal retractors
Separadores nasales
Retrattori nasali



CONVERSE

47538-01 9 cm, 3½" 18 x 9,5 mm
 47538-02 9 cm, 3½" 28 x 12,5 mm
 47538-03 9 cm, 3½" 41 x 13,5 mm
 47538-04 9 cm, 3½" 53 x 13,5 mm

COTTE

47540-16
16 cm, 6¼"

MALINIAC

47550-11CL
10 cm, 4"

MALINIAC

47550-11
10 cm, 4"



AUFRICHT
47551-16
16 cm, 6¼"

AUFRICHT
47551-16CL
16 cm, 6¼"

MASING-NEIVERT
47552-16
16 cm, 6¼"

COTTE
47553-15
15 cm, 6"

Hauthäkchen, Nasenhaken
Skin hook, Nasal retractors
Gancho para piel, Separadores nasales
Uncino per pelle, Retrattori nasali

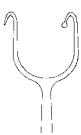


COTTLE
14,5 cm, 5³/₄"

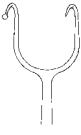


47554-01

3 x 11 mm



47554-02



47554-03



KILNER
47555-08 8 cm, 3¹/₈"



FOMON
47556-16 16 cm, 6¹/₄"



FOMON
47557-17 17 cm, 6³/₄"



FREEER
47558-15 15 cm, 6"



COTTLE-NEIVERT
47559-20 20 cm, 8"

Feine Wundhaken
Retractors
Separadores
Divaricatori



Fig. 1
47560-18

GILLIES
18 cm, 7"

Fig. 2
47562-18



LANGE
47563-22 23 cm, 9"



COTTLE
47564-16 16 cm, 6 1/4"



CONVERSE
47566-12 12 cm, 4 3/4"

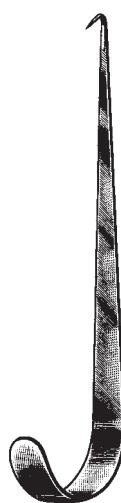


MARTINEZ-KILNER
47567-11 11,5 cm, 4 1/2"



COTTLE
47568-08

Trachealhaken
Trachea Hooks
Ganchos para traqueotomía
Ganci per tracheotomia



JACKSON
55116-15
15 cm, 6"



JACKSON
55117-17
17 cm, 6 3/4"



NEWS
55120-15
15 cm, 6"

Nadelhalter
Needle Holders
Porta-agujas
Portaghi



DERF
25110-12 12 cm, 4³/₄" **25114-12 TC**



WEBSTER
25128-13 13 cm, 5¹/₈"
25129-13 TC 13 cm, 5¹/₈"



BABY-WEBSTER
25136-11 11 cm, 4³/₈"
25137-11 TC 11 cm, 4³/₈"



HALSEY
25130-13 13 cm, 5¹/₈" 25140-13
25134-13 TC 13 cm, 5¹/₈" **25144-13 TC**

Nadelhalter
Needle Holders
Porta-agujas
Portaghi



BAUMGARTNER
 25150-12 12,5 cm, 5" 25154-12 TC
 25150-14 14,0 cm, 5½" 25154-14 TC



CRILE-WOOD
 25160-15 15 cm, 6"
 25160-18 18 cm, 7"
 20 cm, 8"
 23 cm, 9"
 25164-15 TC
 25164-18 TC
 25164-20 TC
 25164-23 TC

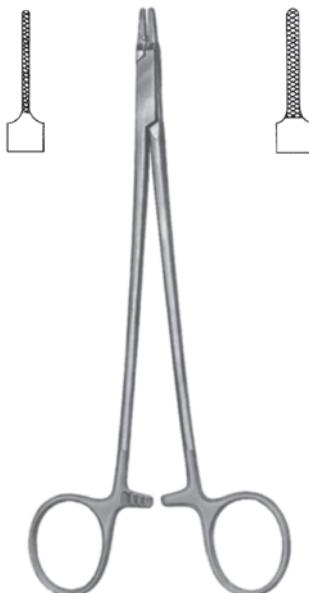


MAYO-HEGAR
 25180-12 12 cm, 4¾" 25184-12 TC
 25180-14 14 cm, 5½" 25184-14 TC
 25180-16 16 cm, 6¼" 25184-16 TC
 25180-18 18 cm, 7" 25184-18 TC
 25180-20 20 cm, 8" 25184-20 TC



DeBAKEY
 25214-16 TC 16 cm, 6¼"
 25214-18 TC 18 cm, 7"
 25214-20 TC 20 cm, 8"
 25214-23 TC 23 cm, 9"

Nadelhalter
Needle Holder
Porta-agujas
Portaghi



1 mm

RYDER
25224-13TC 13 cm, 5¹/₈"
25224-15TC 15 cm, 6"
25224-16TC 16 cm, 6¹/₄"
25224-18TC 18 cm, 7"
25224-20TC 20 cm, 8"

2 mm

25225-13 TC
25225-15 TC
25225-16 TC
25225-18 TC
25225-20 TC



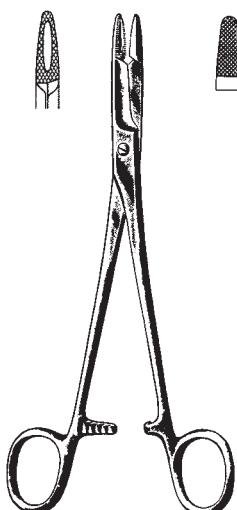
MICROVASCULAR

25230-18TC 18 cm, 7"
25230-20TC 20 cm, 8"



BABY OLSEN-HEGAR

25405-12 12 cm, 4³/₄" 25406-12
25408-12TC 12 cm, 4³/₄" 25407-12TC



OLSEN-HEGAR

25410-14 14 cm, 5¹/₂" 25414-14TC
25410-17 17 cm, 6³/₄" 25414-17TC
18 cm, 7" 25414-18TC

Nadelhalter
Needle Holders
Porta-agujas
Portaghi



GILLIES

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

Mikro-Nadelhalter
 Micro Needle Holders
 Micro-porta-agujas
 Micro portaghi



ohne Sperre
 without lock
 sin cremallera
 senza cremagliera

mit Sperre
 with lock
 con cremallera
 con cremagliera



11,5 cm, 4 1/2"
 13,0 cm, 5 1/8"
 14,0 cm, 5 1/2"
 18,0 cm, 7"
 21,0 cm, 8 1/4"
 23,0 cm, 9"

25660-12
 25660-13
 25660-14
 25700-18

25661-12
 25661-13
 25661-14
 25701-18

25720-12
 25720-13
 25720-14
 25730-18
 25730-21
 25730-23

25731-12
 25731-13
 25731-14
 25731-18
 25731-21
 25731-23

mit diamantiertem Maul
 with diamond jaw
 con boca de diamante
 con morso diamantato

11,5 cm, 4 1/2"
 13,0 cm, 5 1/8"
 14,0 cm, 5 1/2"
 18,0 cm, 7"
 21,0 cm, 8 1/4"
 23,0 cm, 9"

25720-12D
 25720-13D
 25720-14D
 25730-18D
 25730-21D
 25730-23D

25671-12D
 25671-13D
 25671-14D
 25731-18D
 25731-21D
 25731-23D

T= Titan, titanium, titanio, titanio



15,0 cm, 6"
 18,0 cm, 7"
 21,0 cm, 8 1/4"

93250-15T
 93250-18T
 93250-21T

93251-15T
 93251-18T
 93251-21T

93260-15T
 93260-18T
 93260-21T

93261-15T
 93261-18T
 93261-21T

BARRAQUER

Mikro-Nadelhalter mit Sperre
 Micro Needle Holders, with lock
 Micro-porta-agujas con cremallera
 Micro portagli, con cremagliera



14,0 cm, 5½"
 18,0 cm, 7"
 21,5 cm, 8½"
 23,0 cm, 9"



25670-14
 25670-18
 25670-21



25671-14
 25671-18



25672-14
 25672-18
 25672-21
 25672-23

25673-14
 25673-18

mit TC 1,4 mm
 with TC jaw 1,4 mm
 con TC 1,4 mm
 con morso in TC 1,4 mm

14,0 cm, 5½"
 18,0 cm, 7"
 21,5 cm, 8½"
 23,0 cm, 9"

25674-14
 25674-18
 25674-21

25675-14
 25675-18

25676-14
 25668-18
 25668-21
 25668-23

25677-14
 25691-18

mit diamantiertem Maul 0,8 mm
 with diamond jaw 0,8 mm
 con boca de diamante 0,8 mm
 con morso diamantato 0,8 mm

14,0 cm, 5½"
 18,0 cm, 7"
 21,5 cm, 8½"
 23,0 cm, 9"

25672-14D 25673-14D
 25672-18D 25673-18D
 25672-21D
 25672-23D

T= Titan, titanium, titanio, titanio
 Maul/jaw/boca/morso 0,4mm

14,0 cm, 5½"
 18,0 cm, 7"
 21,5 cm, 8½"

25672-14T 25673-14T
 25672-18T 25673-18T
 25672-21T 25673-21T

CASTROVIEJO

Drahtzangen
Wire Twisting Forceps
Pinza para torcer hilos
Pinza torcifili



MAYO-HABERISSER



34554-15 TC 15 cm, 6" 34555-15 TC



34554-18 TC 18 cm, 7" 34555-18 TC



34554-20 TC 20 cm, 8" 34555-20 TC

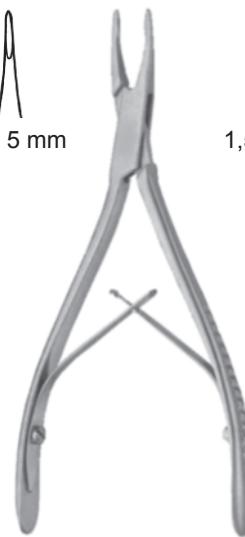


BERRY

34556-18TC 18 cm, 7"

Hohlmeißelzange
Bone Rongeurs
Pinzas-gubias
Pinze sgorbie

1,5 x 5 mm



1,5 x 5 mm

3,0 mm



MICRO FRIEDMANN
33100-01 14,5 cm, 5^{3/4}" 33100-02

FRIEDMANN MINI
33101-12 12 cm, 4^{3/4}"

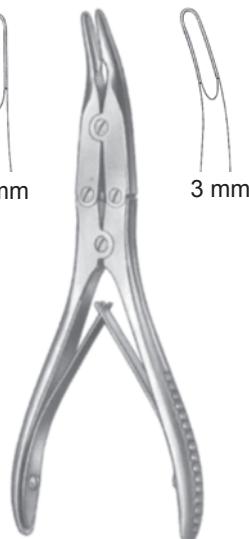
3,5 mm



3 mm



3 mm



FRIEDMANN
33101-14 14 cm, 5^{1/2}"

BEYER
33201-18 18 cm, 7"

BÖHLER
33211-15 15 cm, 6" 33213-15

Knochensplitterzangen
Bone Cutting Forceps
Pinzas cortantes para huesos
Cesoie per ossa



BÖHLER
33280-15 15 cm, 6"



BÖHLER
33281-15 15 cm, 6"



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



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

Hämmer

Bone Mallets

Martillos

Martelli

Ø 25 mm



GERZOG
33686-25
18 cm, 7" 250g

Ø 25 mm



33694-01 18,5 cm, 7¹/₄", 135 g
33694-03 Ersatzbacken
Nylon Caps
Tapas de repuesto
Placche di ricambio

Ø 25 mm



33694-02 18,5 cm, 7¹/₄"
mit Nylonbacke
with nylon tap
con tapa de nylon
con placca di nylon

Ø 20 mm



MEAD
33693-32
17 cm, 6³/₄" 320 g

Ø 22 mm



PARTSCH
33698-98
18 cm, 7" 199 g

Ø 30 mm



QUISLING
33696-75
17 cm, 6³/₄"



COTTLER
33700-05
18 cm, 7" 240 g

Elevatoren, Raspatoren
Elevators, Raspatories
Elevadores, Legras
Elevatori, Periostotomi



LANGENBECK
20 cm, 8“
33711-20 8 mm
33711-21 10 mm



WILLIGER
16 cm, 6 1/4“
33711-16



WILLIGER
16 cm, 6 1/4“
33712-16



WILLIGER
33713-17
16 cm, 6 1/4“



JOSEPH
33718-16
16 cm, 6 1/4“



FOMON
33719-17
16 cm, 6 1/4“

Elevatoren, Raspatoren
Elevators, Raspatories
Elevadores, Legras
Elevatori, Periostotomi



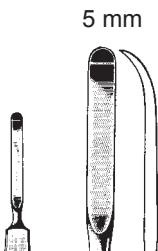
BOIES
33720-19
19 cm, 7¹/₂"



GORNEY
33720-21
21 cm, 8¹/₄"



47410-04



47410-05



JOSEPH
47411-16
16 cm, 6¹/₄"



MASING
47414-21
22 cm, 8³/₄"



FREER
47415-18
18 cm, 7"



FREER
47417-19
19 cm, 7¹/₂"



FREER
47419-19
19 cm, 7¹/₂"

Elevatoren, Raspatoren
Elevators, Raspatories
Elevadores, Legras
Elevatori, Periostotomi



KILLIAN
47420-01
18,5 cm, 7¹/₄"



PIERCE
47420-02
21 cm, 8¹/₄"



SINUS
47420-03
18 cm, 7"



PENNINGTON
47420-04
21 cm, 8¹/₄"



McKENTY
47420-20
22 cm, 8³/₄"



HOWARTH
47421-21
21,5 cm, 8¹/₂"



COTTLE
47421-23
23 cm, 9"



COTTLE JOSEPH
47422-22
22 cm, 8³/₄"

Elevatoren, Raspatoren
Elevators, Raspatories
Elevadores, Legras
Elevatori, Periostotomi



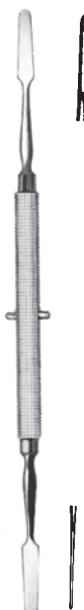
COTTLER
47423-22 22 cm, 8³/₄"



COTTLER
47424-16 16 cm, 6¹/₄"



COTTLER
47425-19 19 cm, 7¹/₂"



KILLIAN
47426-22 22 cm, 8³/₄"

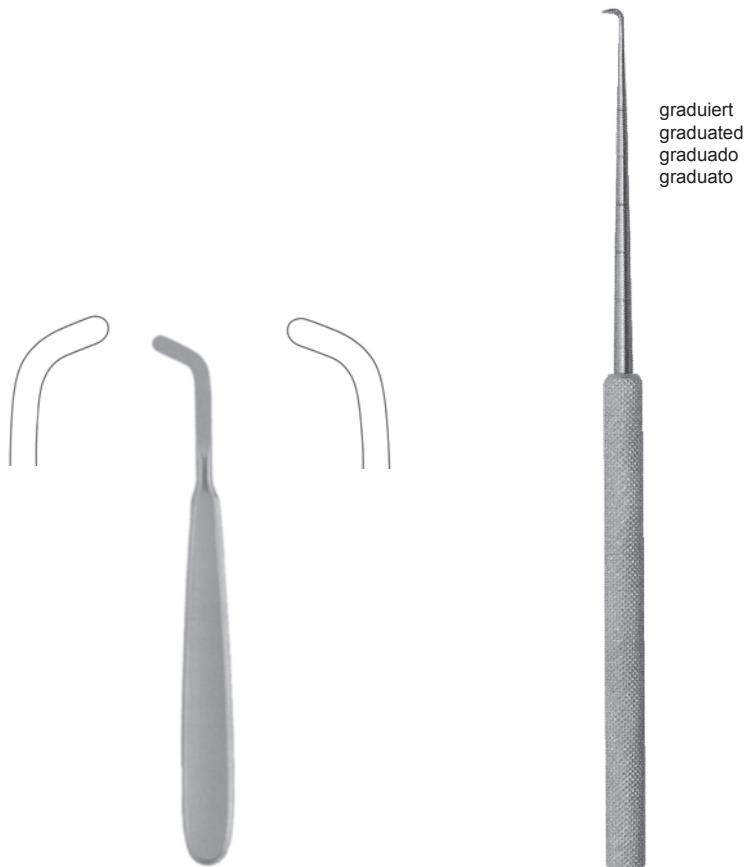


HAJEK-BALLENGER
47428-21 22 cm, 8³/₄"



BALLENGER
47430-22 22 cm, 8³/₄"

Lippen- und Gaumenspaltinstrumente
Lip and Cleft Palate Instruments
Instrumentos para labios y fisura palatina
Strumenti per labbra e fessure del palato



49278-01 14 cm, 5¹/₂" 49278-02

CRONIN
49280-18 18 cm, 7"

Lippen- und Gaumenspaltinstrumente
Lip and Cleft Palate Instruments
Instrumentos para labios y fisura palatina
Strumenti per labbra e fessure del palato



BLAIR
49281-01
23 cm , 9"



BLAIR
49281-02
20 cm, 8"

Saugkanülen
Suction Tubes
Tubos de aspiracion
Cannula aspirante



ADSON
41290-21
20 cm, 8¹/₄"
Ø 4 mm



BARON
41299-03 3FR Ø 1,0 mm
41299-05 5FR Ø 1,6 mm
41299-07 7FR Ø 2,3 mm

Arbeitslänge
working length
largo útil
lunghezza utile
75 mm

Saugkanülen
Suction Tubes
Tubos de aspiracion
Cannula aspirante

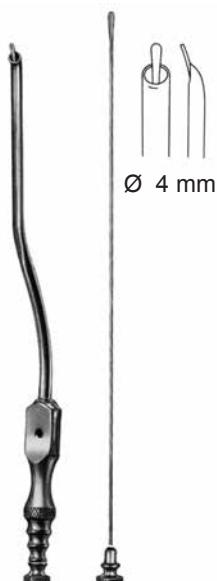


FRAZIER/FERGUSSON
19 cm, 7¹/₂"

Charr.

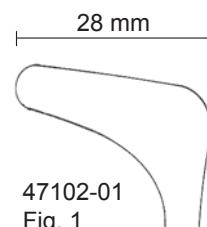
F.G.	Ø	30°	75°
6	2,0 mm	41295-06	41297-06
7	2,3 mm	41295-07	41297-07
8	2,7 mm	41295-08	41297-08
9	3,0 mm	41295-09	41297-09
10	3,3 mm	41295-10	41297-10
11	3,6 mm	41295-11	41297-11
12	4,0 mm	41295-12	41297-12

Saugkanülen
Suction Tubes
Tubos de aspiracion
Cannula aspirante

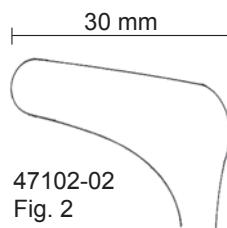


GUILEN
47347-20
19 cm, $7\frac{1}{2}$ "
 $\varnothing\ 4\ mm$

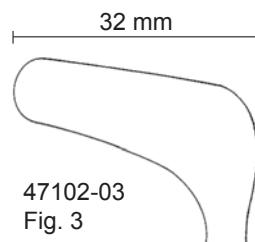
Nasenspekula
Nasal Speculum
Espéculos nasales
Specoli nasalí



47102-01
Fig. 1



47102-02
Fig. 2



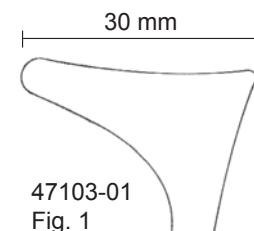
47102-03
Fig. 3

HARTMANN-HALLE
15 cm, 6"

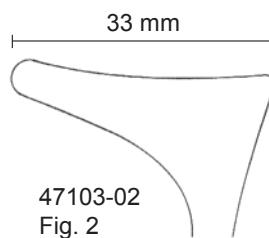
Nasenspekula
Nasal Speculum
Espéculos nasales
Specoli nasalii



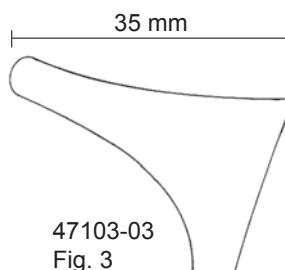
HARTMANN
16 cm, 6¹/₄"



47103-01
Fig. 1

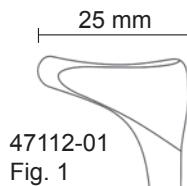


47103-02
Fig. 2

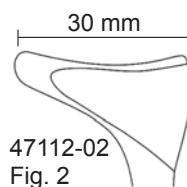


47103-03
Fig. 3

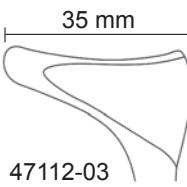
Nasenspekula
Nasal Speculum
Espéculos nasales
Specoli nasalí



Baby, bebé, neonato



Kind, child, niño, bambino



Erwachsene, Adult, adulto



TIECK-HALLE
47116-13
13,5 cm, 5 1/4"



REDA
47118-13
12,5 cm, 5"

Nasenspekula
Nasal Specula
Espéculos nasales
Specoli nasalii



CL = mit Kaltlicht
with cold light
con luz fria
con luce fredda

KILLIAN
13 cm, 5 $\frac{1}{8}$ "

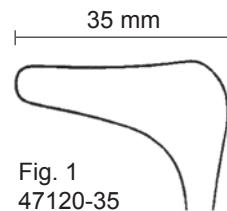


Fig. 1
47120-35
47120-35CL

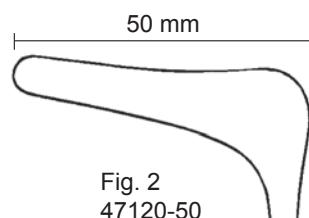


Fig. 2
47120-50
47120-50CL

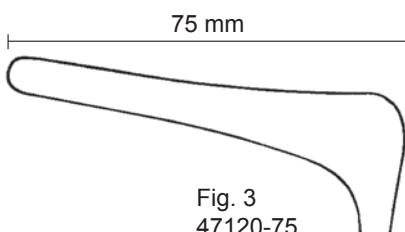


Fig. 3
47120-75
47120-75CL

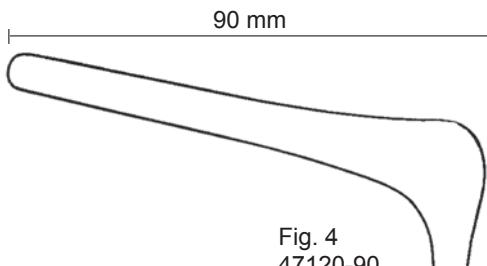


Fig. 4
47120-90
47120-90CL

Nasenspekula
Nasal Specula
Espéculos nasales
Specoli nasalí



KILLIAN
13 cm, 5¹/₈"

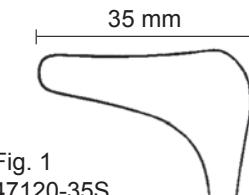


Fig. 1
47120-35S

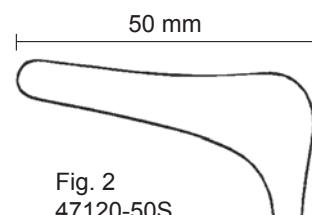


Fig. 2
47120-50S

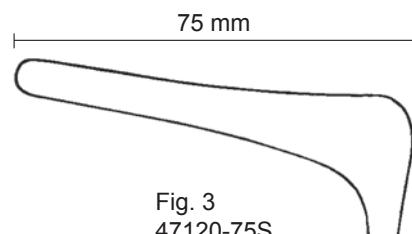


Fig. 3
47120-75S

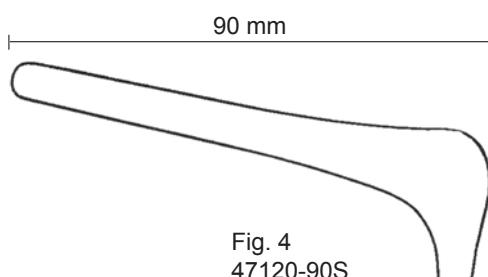


Fig. 4
47120-90S

Nasenspekula
Nasal Speculum
Espéculos nasales
Specoli nasalii



COTTLE
14 cm, 5¹/₂"

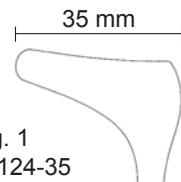


Fig. 1
47124-35
47124-35CL

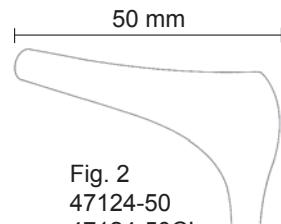


Fig. 2
47124-50
47124-50CL

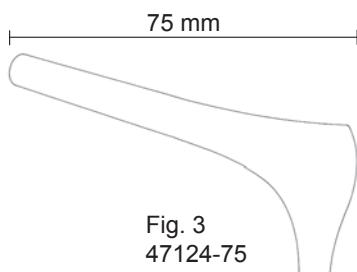


Fig. 3
47124-75
47124-75CL

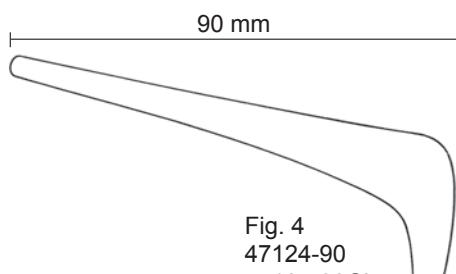


Fig. 4
47124-90
47124-90CL

CL = mit Kaltlicht
with cold light
con luz fria
con luce fredda

Nasenspekula
Nasal Speculum
Espéculos nasales
Specoli nasalí



COTTLE
14 cm, 5¹/₂"

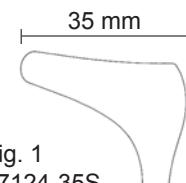


Fig. 1
47124-35S

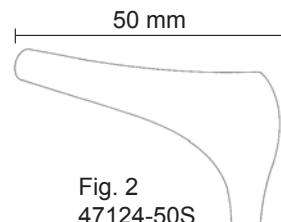


Fig. 2
47124-50S

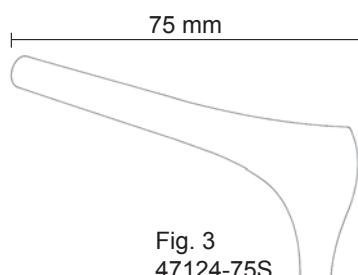


Fig. 3
47124-75S

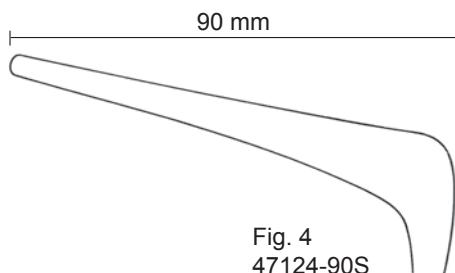


Fig. 4
47124-90S

Nasentamponzange, Polypenzange
Nasal Tampon Forceps, Ear Polypus Forceps
Pinza para taponamiento, Pinzas para pólipos
Pinze per medicature, Pinze per polipi



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



HEYMANN-KNIGHT
47169-18
18 cm, 7"



KNIGHT
47185-18
18 cm, 7"

Septumzangen
Septum Forceps
Pinzas para el tabique nasal
Pinze per il setto nasale



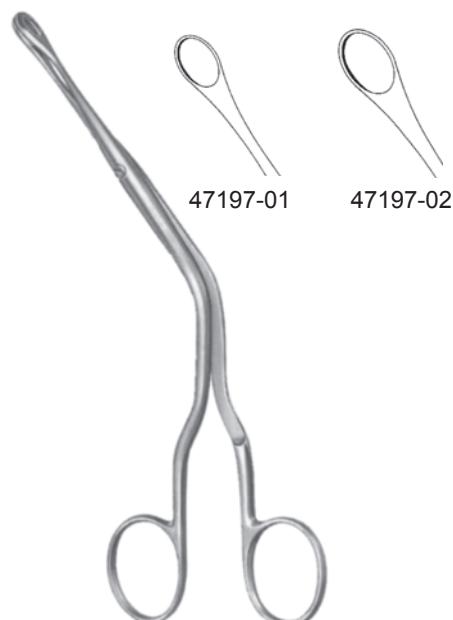
BRUENINGS
19 cm, 7 $\frac{1}{2}$ "



LUC
19 cm, 7 $\frac{1}{2}$ "



CRAIG
47192-16 18 cm, 7"



LUC
19 cm, 7 $\frac{1}{2}$ "

Scharfe Nasenzange
 Nasal Cutting Forceps
 Pinzas cortantes nasales
 Pinze taglienti nasali

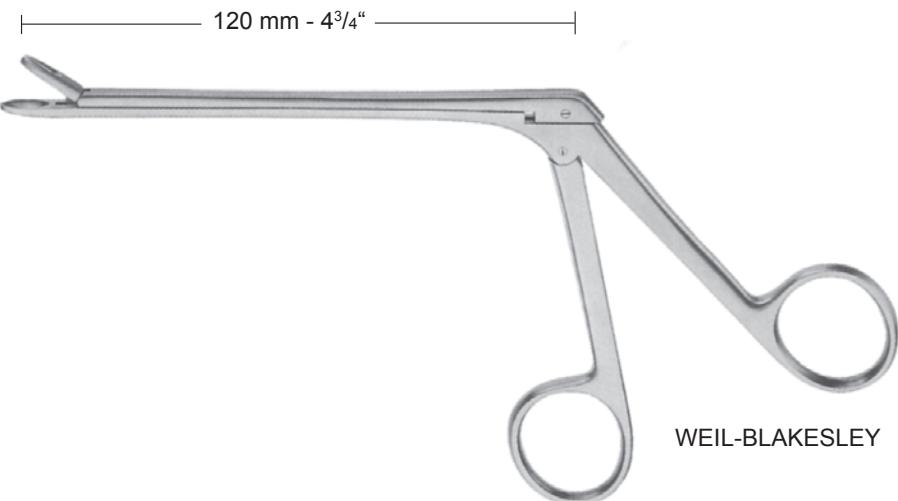


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	47223-01 3,0 mm	47223-02 3,6 mm	47223-03 4,2 mm	47223-04 4,8 mm	47223-05 5,8 mm
	47224-01 3,0 mm	47224-02 3,6 mm	47224-03 4,2 mm	47224-04 4,8 mm	47224-05 5,8 mm
	47225-01 3,0 mm	47225-02 3,6 mm	47225-03 4,2 mm	47225-04 4,8 mm	
	47226-01 2,0 mm	47226-02 2,5 mm	47226-03 3,0 mm	durchschneidend through cutting cortantes taglienti	
	47227-01 2,0 mm	47227-02 2,5 mm	47227-03 3,0 mm		

Scharfe Nasenzangen
Nasal Cutting Forceps
Pinzas cortantes nasales
Pinze taglienti nasali

47237-01
3 mm

47237-02
3,5 mm



MYLES



47239-01 47239-02



SCHMEDEN

120 mm

TAKAHASHI

4 mm



47242-00

4 mm



47242-01

Septumzange, Nasenscheren
Septum Forcep, Nasal Cutting Scissors
Pinza para el tabique nasal, Tijeras nasales
Pinza per setto nasale, Forbici nasali



RUBIN
47251-21
21 cm, 8 1/4"



CAPLAN
47256-20
20 cm, 8"



GORNEY
49257-20 TC
20 cm, 8"

Septumzangen
Septum Forceps
Pinzas para el tabique nasal
Pinze per il setto nasale

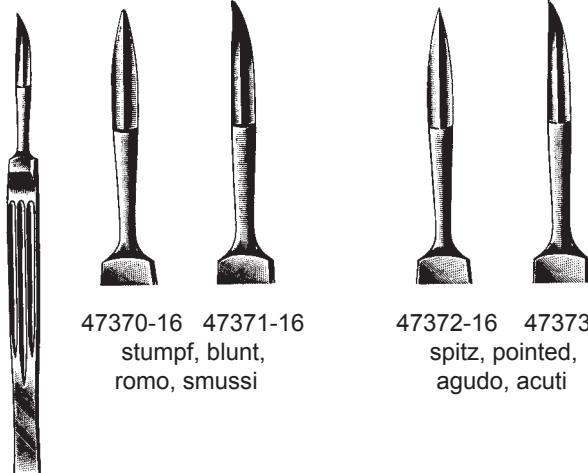


MIDDLETON-JANSEN
47323-19
19 cm, 7¹/₂"



MIDDLETON-JANSEN
47325-19
19 cm, 7¹/₂"

Rhinoplastikmesser
Rhinoplasty knives
Cuchillos nasales
bisturi nasale



JOSEPH
16 cm, 6¹/₄"



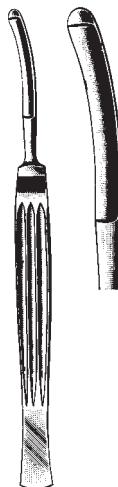
FREER
47374 - 16
16,5 cm, 6¹/₂"

JOSEPH
47375 - 16
16 cm, 6¹/₄"

FREER
47375 - 19
19 cm, 7¹/₂"

JOSEPH
47376 - 16
16 cm, 6¹/₄"

Rhinoplastikmesser
Rhinoplasty knives
Cuchillos nasales
bisturi nasale



CONVERSE
47379 - 16
16 cm, 6^{1/4}"



COTTLE
47380-15
15 cm, 6"



COTTLE
47382-15
15 cm, 6"



JOSEPH
47384-15
15 cm, 6"



JOSEPH
47385-15
15 cm, 6"



REDA
19 cm 7^{1/2}"



47386-01
spitz
pointed
agudo
acuto



47386-02
stumpf
blunt
romo
smusso

Schwingmesser
Septum Swivel Knives
Cuchillos para el tabique nasal
Coltelli per setto



BALLINGER
47390-03 - 47392-05
20 cm, 8"



47392-03 47392-04 47392-05
3 mm 4 mm 5 mm



47390-03
3 mm

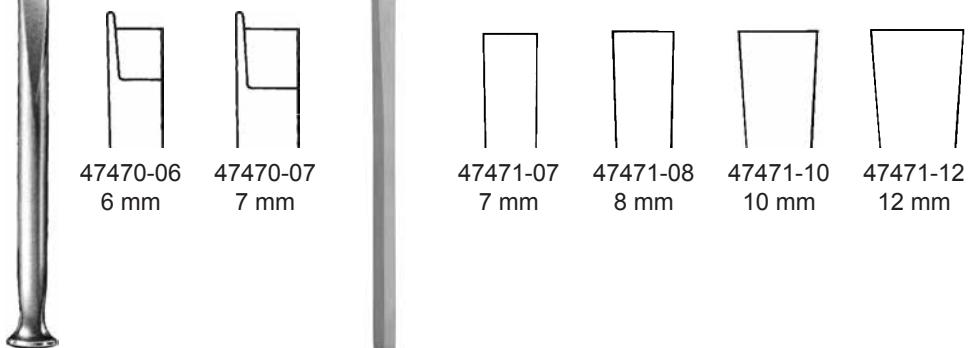
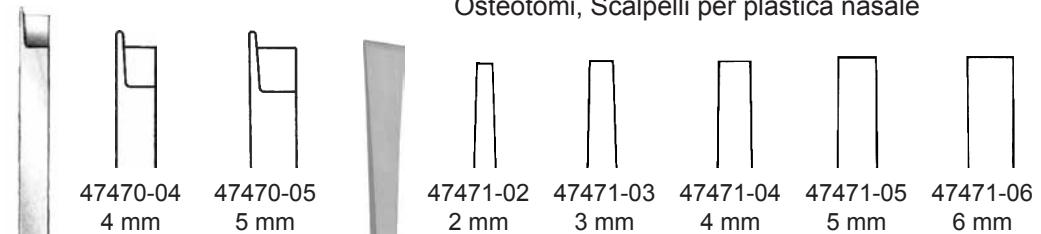


47390-04
4 mm



47390-05
5 mm

Osteotome, Septum Meißel
 Osteotomes, Rhinoplastic Chisels
 Osteotomo, 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^{1/4}"



CINELLI
 47472-10 - 47472-16
 16 cm, 6^{1/4}"

Septum Meißel
Rhinoplastic Chisels
Cinceles para la plástica nasal
Scalpelli per plastica nasale



4 mm

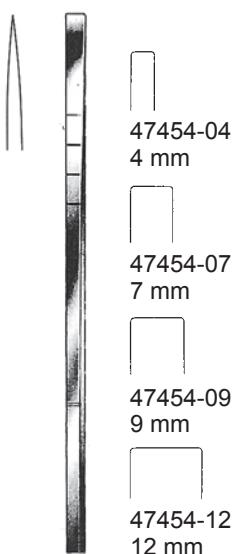


4 mm

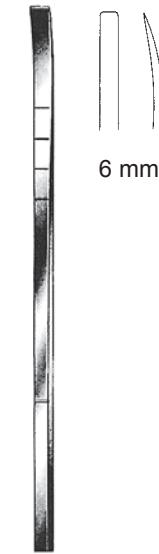
FREER
47450-04
15 cm, 6"

FREER
47451-04
15 cm, 6"

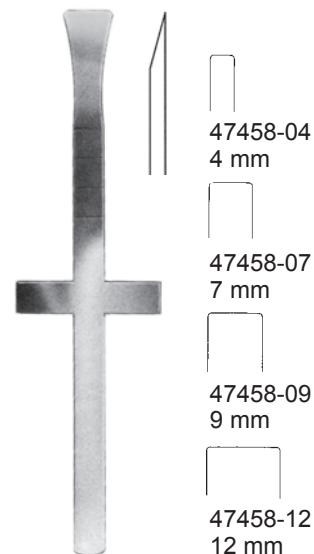
Septum Meißel, Osteotome
 Rhinoplastic Chisels, Osteotomes
 Cinceles para la plástica nasal, Osteotomos
 Scalpelli per plastica nasale, Osteotomi



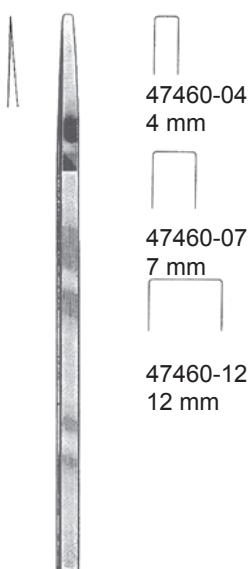
COTTELE
18 cm, 7"



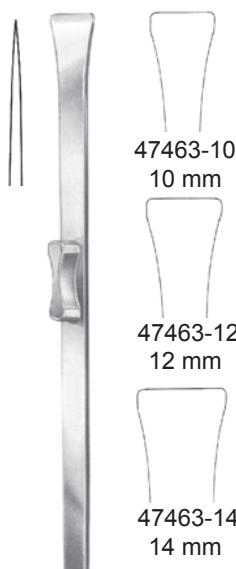
COTTELE
47455-06
18 cm, 7"



COTTELE
18 cm, 7"

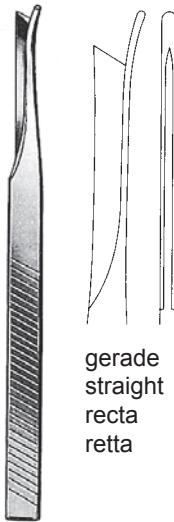


COTTELE
18 cm, 7"

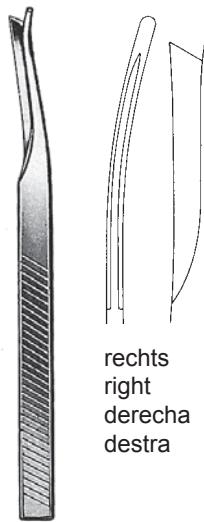


RUBIN
18,5 cm, 7¹/₄"

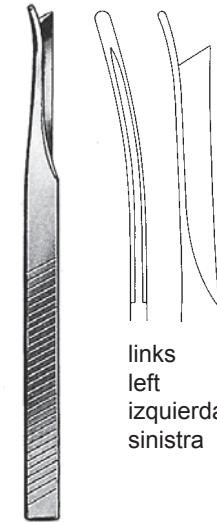
Osteotome, Septum Meißel
 Osteotomes, Rhinoplastic Chisels
 Osteotomo, Cinceles para la plástica nasal
 Osteotomi, Scalpelli per plastica nasale



SILVER
47473-01
18 cm, 7"



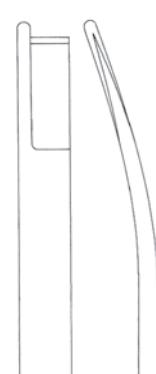
SILVER
47473-02
18 cm, 7"



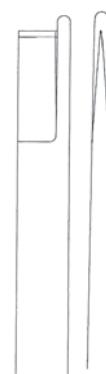
SILVER
47473-03
18 cm, 7"



47474-01
rechts
right
derecha
destra



47474-02
links
left
izquierda
sinistra



47474-03
gerade
straight
recta
retta



5 mm

NEIVERT-ANDERSON
20,5 cm, 8" 7 mm

KILLIAN
47481-05 16 cm, 6¹/₄"

Osteotome
Osteotomes
Osteotomo
Osteotomi



47475-04
47475-06
47475-08

4 mm
6 mm
8 mm

OBWEGESER
18,5 cm, 7¹/₄"

Septum Meißel, Osteotome, Hohlmeißel
 Rhinoplastic Chisels, Osteotomes, Gouges
 Cinceles para la plástica nasal, Osteotomos, Gubias
 Scalpelli per plastica nasale, Osteotomi, Sgorbie



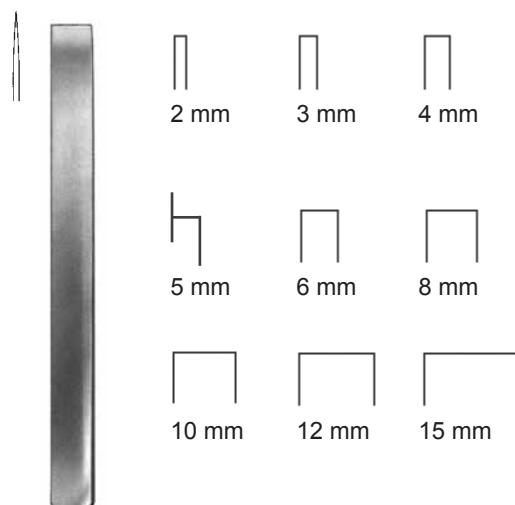
KILLIAN-CLAUS
 47482-05
 17 cm, 6³/₄"

HAJEK mm
 47484-04 4
 47484-06 6
 47484-08 8
 16 cm, 6¹/₄"

WEST
 47486-16
 16 cm, 6¹/₄"

WEST
 47487-16
 16 cm, 6¹/₄"

FREER
 47489-16
 16 cm, 6¹/₄"



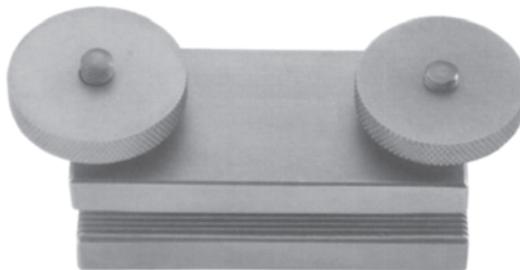
12,5 cm, 5"	mm	17 cm, 6 ³ / ₄ "
33654-02	2	33652-02
33654-03	3	33652-03
33654-04	4	33652-04
33654-05	5	33652-05
33654-06	6	33652-06
33654-08	8	33652-08
33654-10	10	33652-10
33654-12	12	33652-12
33654-15	15	33652-15

MINI-LAMBOTTE

Knorpelquetscher
Cartilage crusher
Macha cadera
Tritacartilagine



COTTLE
47461-00 7,5 cm, 3"



JOST
47462-00

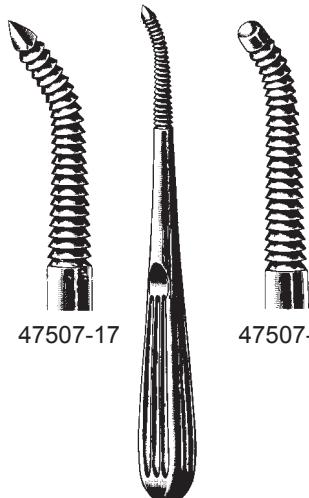
Nasenraspeln
Nasal Rasps
Escofinas nasales
Raspa nasale



JOSEPH
47502-16 16 cm, 6 1/4"



MALTZ
47504-18 18 cm, 7"



47507-17 47507-18

WIENER
18 cm, 7"

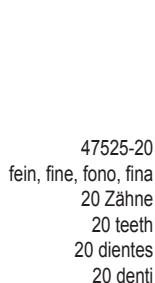


diamantiert
with diamond coating
con boca de diamante
diamantata

PEET
47523-01 19 cm 7 1/2" 47523-02

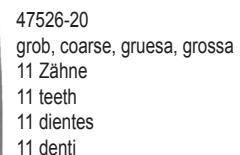


GLABELLA
47524-01 21 cm, 8 1/4"



47525-20
fein, fine, fono, fina
20 Zähne
20 teeth
20 dientes
20 denti

PARKES
47525-20 21 cm, 8 1/4"

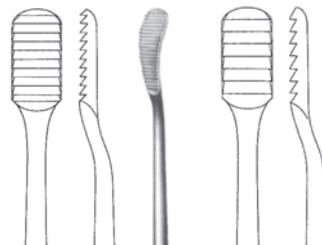


47526-20
grob, coarse, gruesa, grossa
11 Zähne
11 teeth
11 dientes
11 denti

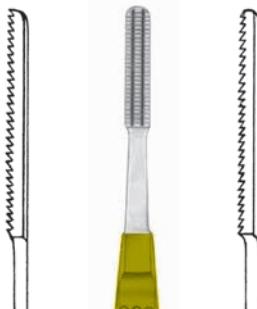
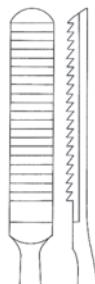
Nasenraspeln
Nasal Rasps
Escofinas nasales
Raspa nasal



AUFRICHT
47511-21 21 cm, 8¹/₄" 47513-21



JOSEPH (LEWIS)
47514-16 18 cm, 7" 47516-16



47505-18 TC

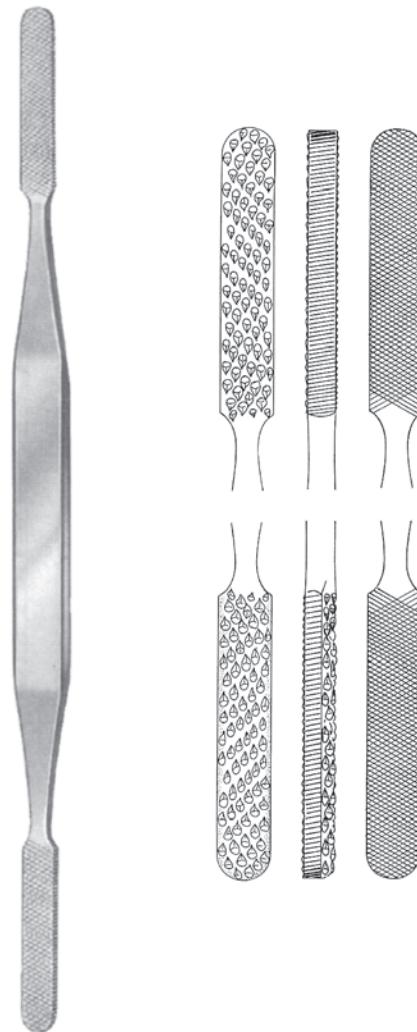
47506-18 TC



MALTZ (COTTE)
47518-21 21 cm, 8¹/₄"

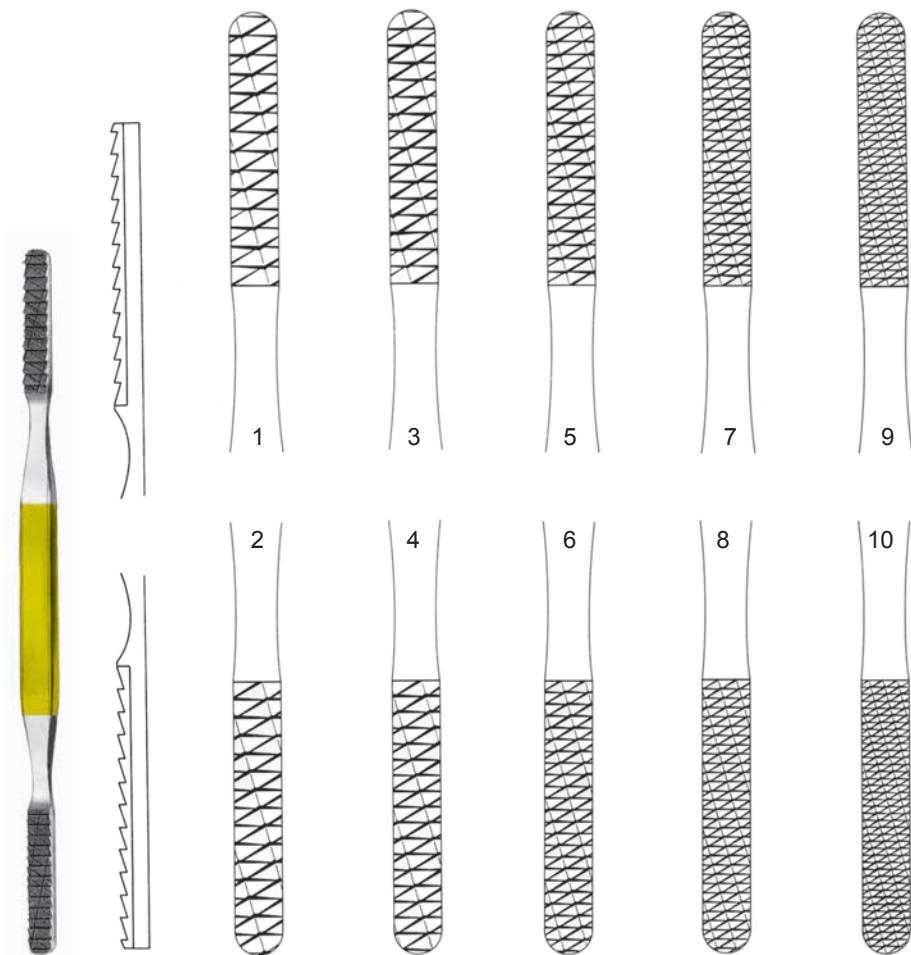
MALTZ
17,5 cm, 6.9"

Nasenraspeln
Nasal Raps
Escofinas nasales
Raspa nasale



FOMON
47520-21
21 cm, 8¹/₄"

Nasenraspeln
Nasal Rasp
Escofinas nasales
Raspa nasale



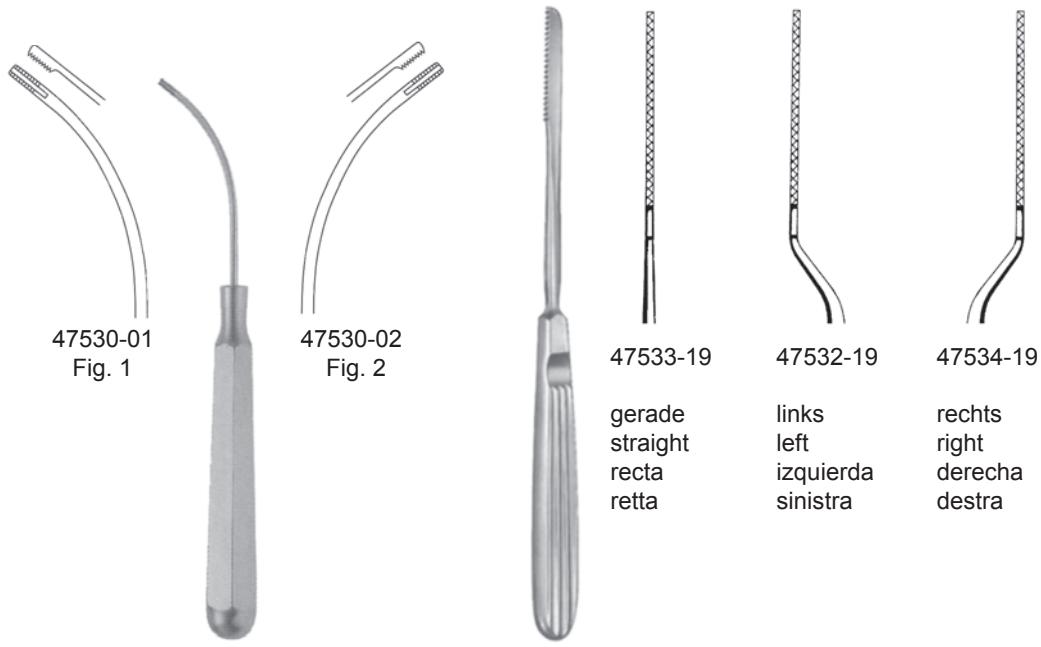
FOMON

47522-01TC - 47522-09 TC

20 cm, 8"

Fig. 1/2 Fig. 3/4 Fig. 5/6 Fig. 7/8 Fig. 9/10
47522-01 TC 47522-04 TC 47522-05 TC 47522-07 TC 47522-09 TC

Nasenraspeln, Nasensägen
Nasal Raps, Nasal Saws
Escofinas nasales, Sierras nasales
Raspa nasale, Seghe nasale



Nasensägen
Nasal Saws
Sierras nasales
Seghe nasale



JOSEPH
47535-01 17 cm, 6^{3/4}" 47535- 02

Septumrichtzangen
Septum Straightening Forceps
Pinza para enderezar el tabique nasal
Pinza per la plastica nasale



ASCH
47571-23
23 cm, 9"



WALSHAM
47572-23
23 cm, 9"



47572-23
gerade
straight
recta
retta



47573-23
links
left
izquierda
a sinistra



47575-23
rechts
right
derecha
a destra

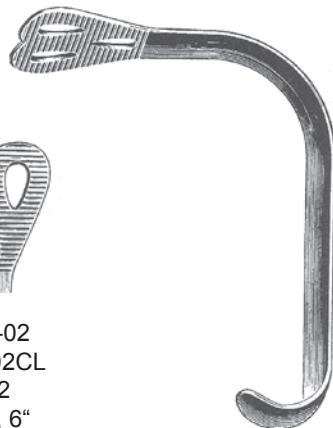
Zungendrücker, Mundsperrer
 Tongue Depressors, Mouth Gags
 Boja-lengua, Abre-Bocas
 Abbassalingua, Apribocca



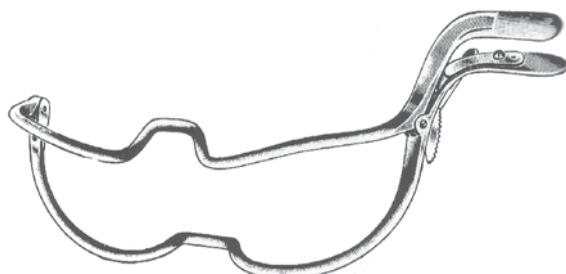
49115-01
 49115-01CL
 Fig. 1
 14 cm, 5½"



49115-02
 49115-02CL
 Fig. 2
 15 cm, 6"

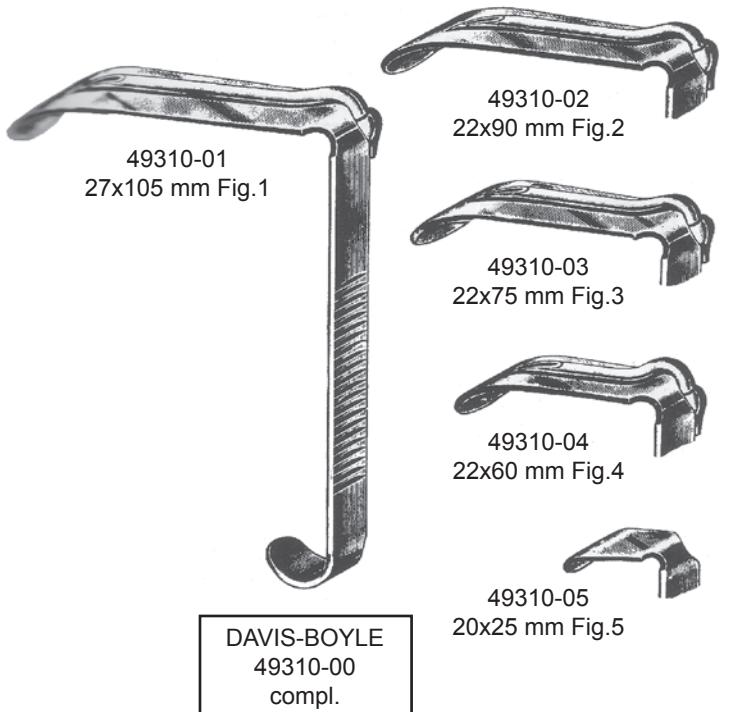


ANDREW
 49117-11
 11 cm, 4³/₈"



JENNINGS
 49274-09 9 cm, 3½"
 49274-11 11 cm, 4³/₈"
 49274-13 13 cm, 5¹/₈"
 49274-15 15 cm, 6"

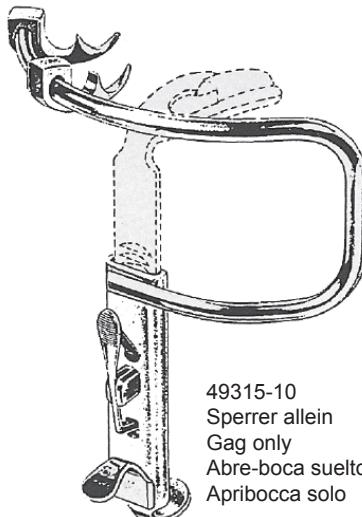
Mundsperrer
Mouth Gags
Abre-Bocas
Apribocca



für Erwachsene für Kinder
for adults for children
para adultos para niños
per adulti per bambini

links left izquierda sinistra	49310-10	49310-11
rechts right derecha destra	49310-12	49310-09

Mundsperrer
Mouth Gags
Abre-Bocas
Apribocca

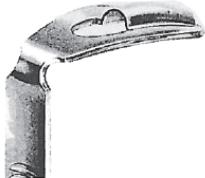


49315-10
Sperrer allein
Gag only
Abre-boca suelto
Apribocca solo

37x80 mm
49315-01
Fig.1



32x75 mm
49315-02
Fig.2



28x65 mm
49315-03
Fig.3

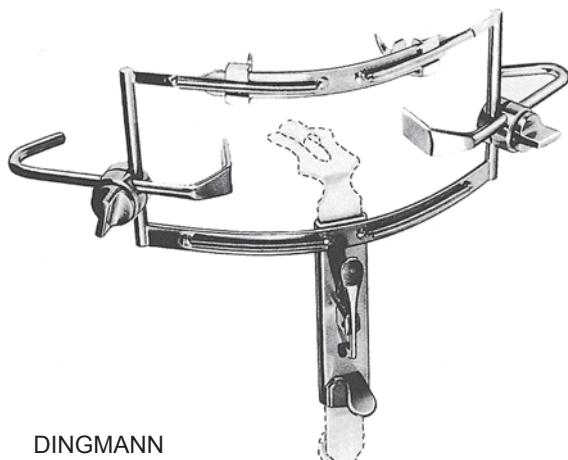
KILNER-DOUGHTY
49315-00
compl.

49317- 00 DINGMANN, komplett
mit 3 auswechselbaren Zungendrückern,
2 seitliche Wangenhaken und 2 Zahnhaken

with 3 interchangeable tongue depressors,
2 rotating cheek holders,
2 movable tooth hooks an thread guide

con 3 baja lenguas intercambiables
2 valvas giratorias p. los labios
2 ganchos graduables

con 3 depressori intercambiabili,
2 valve laterali rotative,
2 uncini a denti movibile



DINGMANN
49317-10
Sperrer allein, Gag only
Abre-boca suelto, Apribocca solo

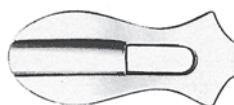
24x62 mm
49317-01
Fig. 1



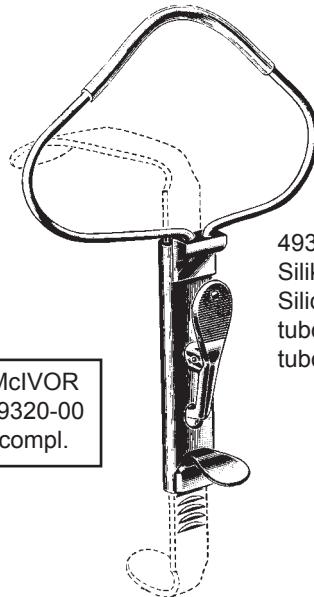
28x65 mm
49317-02
Fig. 2



31x75 mm
49317-03
Fig. 3

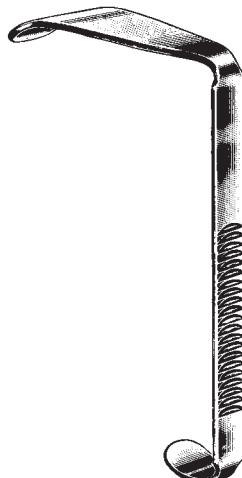


Mundsperrer, Zungenspatel
Mouth Gags, Tongue depressor
Abre-Bocas, Baja-lengua
Apribocca, Abbassalingua



49320-10

49320-20
Silikon-Schlauch
Silicon Tubing
tubo de silicona
tubo in silicone



49320-01
27x95 mm Fig.1



49320-02
22x85 mm Fig.2



49320-03
22x75 mm Fig.3



DAVIS-MEYER
49340-00

Zungenspatel
Tongue blades
Baja-lenguas
Abbassalingua



Wundhaken für Mund-Kiefer-Gesicht
Retractors, Raspatories for Mouth-, Jaw- and Face Surgery
Separadores para cirugia de boca -mandibula- fiscal
Divaricatori, Periostotomi per bocca, mascella, viso



49605-07 25x7 mm

49605-10 31x10 mm

49605-11 42x11 mm

49605-12 55x12 mm

49605-14 70x14 mm

49605-16 80x16 mm

OBWEGESER
22 cm, 8³/₄"

Wundhaken für Mund-Kiefer-Gesicht
Retractors, Raspatories for Mouth-, Jaw- and Face Surgery
Separadores para cirugia de boca -mandíbula- fiscal
Divaricatori, Periostotomi per bocca, mascella, viso



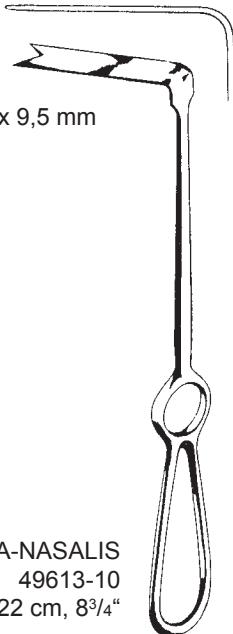
49610-12 60x12 mm

49610-13 42x13 mm

49610-16 80x16 mm

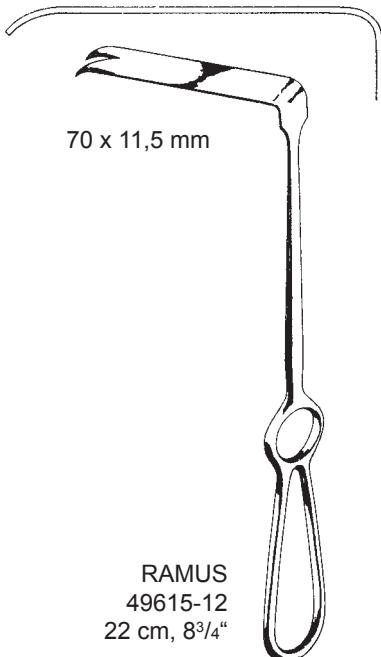
OBWEGESER
22 cm, 8³/₄"

Wundhaken für Mund-Kiefer-Gesicht
Retractors, Raspatories for Mouth-, Jaw- and Face Surgery
Separadores para cirugia de boca- mandibula- fiscal
Divaricatori, per bocca, mascella, viso



44 x 9,5 mm

SPINA-NASALIS
49613-10
22 cm, 8³/₄"

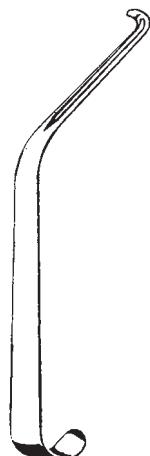


70 x 11,5 mm

RAMUS
49615-12
22 cm, 8³/₄"



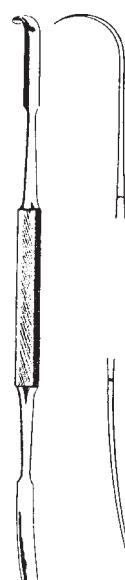
OBWEGESER
49620-15
15,5 cm, 6"



OBWEGESER
49624-16 8 mm
49623-16 10 mm

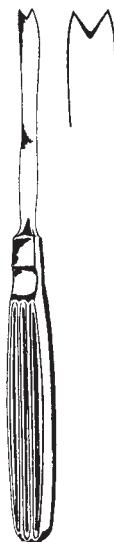


OBWEGESER
49627-01
21 cm, 8¹/₄"



OBWEGESER
49630-02
20,5 cm, 8"

Raspatorien, Elevatoren
Perosteal Elevators
Legras
Periostotomi



OBWEGESER
49635-18 17,5 cm, 7"



OBWEGESER
20 cm, 8"



49640-05



49640-07



49640-09



OBWEGESER
17,5 cm, 7"



49650-06



49650-07



49650-09

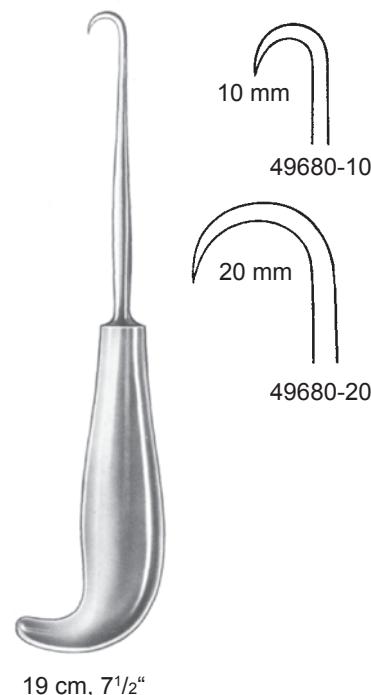


49650-11

Raspator, Wundhaken, Elevator
 Raspatories, Retractor, Elevators
 Legras, Separadores, Elevadores
 Periostotomo, Divaricatore, Elevatore



DINGMAN
49660-18 18 cm, 7"



19 cm, 7½"



DINGMAN
49685-21 21 cm, 8¼"

links
left
izquierda
sinistra

rechts
right
derecha
destra



TESSIER
49691-15 15 cm, 6"

TESSIER
49692-15 15 cm, 6"

Osteotome
Osteotome
Osteótomas
Osteotomi



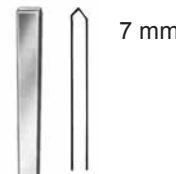
TESSIER
20,5 cm 8"



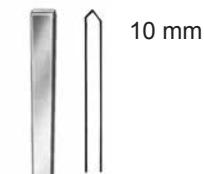
TESSIER
20,5 cm 8"

49666-10 10 mm
49666-15 15 mm
49666-20 20 mm

49667-10 10 mm
49667-15 15 mm



7 mm



10 mm

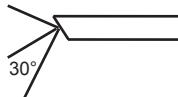
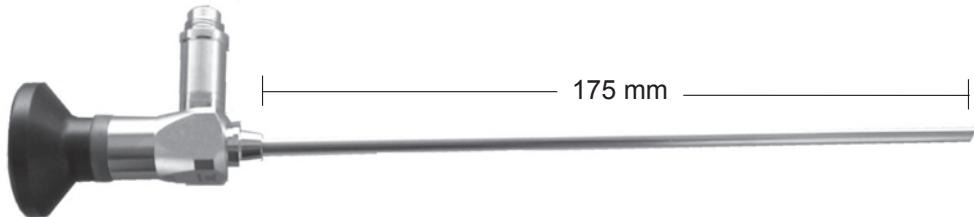


49700-01
21,5 cm, 8 1/2"



49700-02
21,5 cm, 8 1/2"

Endoskopische Instrumente
 Endoscopic Instruments
 Instrumentos para endoscopia
 Strumenti endoscopici



Vorausblick 30°
 Foroblique vision 30°
 Visión hacia adelante 30°
 Grandangolo, visione 30°

175 mm

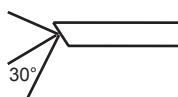
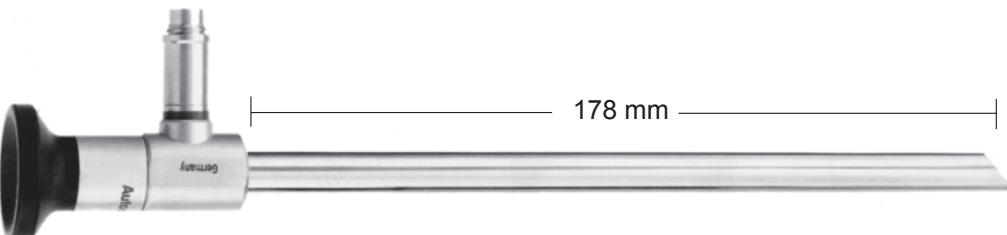
R600-040175-030

Endoskop für plastische Chirurgie 4 mm Ø, 30° Blickrichtung, 175 mm Nutzlänge,
 autoklavierbar, integrierte Faser für Ausleuchtung

Endo-Plastic-Scope 4 mm Ø, 30° direction of view, 175 mm working length,
 autoclavable, integrated fiberoptic bundle for illumination

Optica para endoplastia de 4 mm Ø, vision de 30°, largo útil de 175 mm,
 autoclavable, con fibra-optica para la iluminación

Ottica per endoplastica 4 mm Ø, visione 30°, lunghezza utile 175 mm,
 autoclavabile con fibre ottiche per illuminazione



Vorausblick 30°
 Foroblique vision 30°
 Visión hacia adelante 30°
 Grandangolo, visione 30°

178 mm

R600-100178-030

Endo-Plastik-Optik 10 mm Ø, 30° Blickrichtung, 178 mm Nutzlänge,
 autoklavierbar, integrierte Fiberoptik für Ausleuchtung

Endo-Plastic-Scope 10 mm Ø, 30° direction of view, 178 mm working length,
 autoclavable, integrated fiberoptic bundle for illumination

Optica para endoplastia de 10 mm Ø, vision de 30°, largo útil de 178 mm,
 autoclavable, con fibra-optica para la iluminación

Ottica per endoplastica 10 mm Ø, visione 30°, lunghezza utile 178 mm,
 autoclavabile con fibre ottiche per illuminazione



Schaft für Plastische Chirurgie mit 1 Hahn, drehbar, passend für 4 mm Optik mit 175 mm Nutzlänge
Endo-Plastic Sheath with spatula, 1 stopcock rotatable, for 4 mm scope with 175 mm work. length
Camisa para cirugia plástica, una llave giratoria, para óptica de 4 mm, largo útil de 175 mm
Camicia per chirurgia plastica, con spatola, 1 rubinetto rotante, per ottica 4 mm,
lunghezza 175 mm

7x17 mm gefenstert / 7x17 mm fenestrated
7x17 mm fenestrada / 7x17 mm fenestrata

R610-040175-070

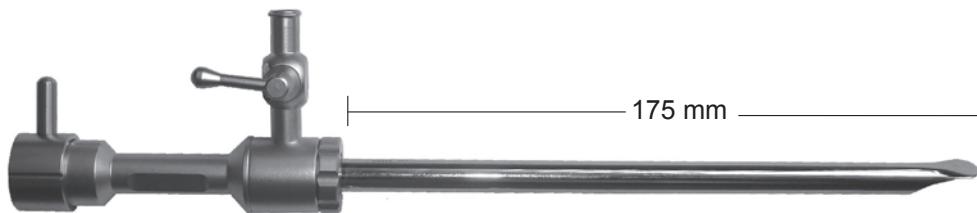
11x17 mm gefenstert / 11x17 mm fenestrated
11x17 mm fenestrada / 11x17 mm fenestrata

R610-040175-110

11x23 mm gefenstert / 11x23 mm fenestrated
11x23 mm fenestrada / 11x23 mm fenestrata

R610-040175-115

Endoskopische Instrumente
Endoscopic Instruments
Instrumentos para endoscopia
Strumenti endoscopici



R610-040175-001

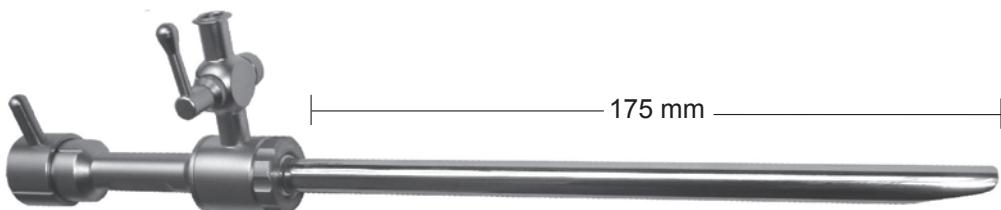
Schaft für Plastische Chirurgie, schnabelförmig, breit/flach, 1 Hahn, drehbar,
passend für 4 mm Optik mit 175 mm Nutzlänge

Endo-Plastic Sheath with oblique beak wide/flat, 1 stopcock rotatable,
suitable f. 4 mm scope with 175 mm working length

Camisa para cirugía plástica en forma de pico, ancho y plano, con una llave giratoria,
para óptica de 4 mm, largo útil de 175 mm

Camicia per chirurgia plastica, a forma di becco, larga/piatta, 1 rubinetto rotante,
per ottica 4 mm, lunghezza utile 175 mm

Endoskopische Instrumente
Endoscopic Instruments
Instrumentos para endoscopia
Strumenti endoscopici



R610-040175-005

Schaft für Plastische Chirurgie, schnabelförmig, 1 Hahn, drehbar, passend für 4 mm Optik mit 175 mm Nutzlänge

Endo-Plastic Sheath with oblique beak, 1 stopcock rotatable, suitable f. 4 mm scope with 175 mm working length

Camisa para cirugía plástica en forma de pico, con una llave giratoria, para óptica de 4 mm, largo útil de 175 mm

Camicia per chirurgia plastica, a forma di becco, 1 rubinetto rotante, per ottica 4 mm, lunghezza utile 175 mm

Endoskopische Instrumente
Endoscopic Instruments
Instrumentos para endoscopia
Strumenti endoscopici

— 180 mm —



Schere gerade, drehbar für rechte und linke Anwendung, 3 mm Ø,
Griff mit HF-Anschluß, isoliert

Endoscopic Scissors, straight, insulated shaft, 3 mm Ø,
handle with HF connector, rotatable

R631-030160-110

Tijera recta, giratoria, para su aplicación hacia la derecha y la izquierda,
3 mm Ø, mango con contacto de alta frecuencia, aislada

Forbice, retta, 3 mm Ø, rotante, per uso a destra e a sinistra,
impugnatura con attacco per alta frequenza



Schere Metzenbaum, gebogen, drehbar für rechte und linke Anwendung,
3 mm Ø, Griff mit HF-Anschluß, isoliert

Endoscopic Metzenbaum Scissor, curved, insulated shaft, 3 mm Ø,
handle with HF connector, rotatable

R631-030160-112

Tijera curva, giratoria, para su aplicación hacia la derecha y la izquierda,
3 mm Ø, mango con contacto de alta frecuencia, aislada

Forbice Metzenbaum, curva, 3 mm Ø, rotante, per uso a destra e a sinistra,
impugnatura con attacco per alta frequenza



Hakenschere, drehbar für rechte und linke Anwendung, 3 mm Ø,
Griff mit HF-Anschluß, isoliert

Endoscopic Micro Hook Scissor, curved shaft for left or right hand,
3 mm Ø, handle with HF connector, rotatable

R631-030160-116

Tijera de pico, giratoria, para su aplicación hacia la derecha y la izquierda,
3 mm Ø, mango con contacto de alta frecuencia, aislada

Forbice ad uncino, curva, 3 mm Ø, rotante, per uso a destra e a sinistra,
impugnatura con attacco per alta frequenza

Endoskopische Instrumente
Endoscopic Instruments
Instrumentos para endoscopia
Strumenti endoscopici

180 mm



R631-030160-212

Maryland Fasszange gebogen, drehbar, für rechte und linke Anwendung, 3 mm Ø, Griff mit HF-Anschluß, isoliert

Endoscopic Curved Grasper, rotating, insulated shaft for left and right, 3 mm Ø, handle with HF connector

Pinza de agarre raspar tipo Maryland, giratoria, para su aplicación hacia la derecha y la izquierda, 3 mm Ø, mango con contacto de alta frecuencia, aislada

Pinza da presa Maryland, curva, rotante, per uso a destra e a sinistra, Ø 3 mm, impugnatura con attacco per alta frequenza



R631-030160-224

Delphinzange, drehbar für rechte und linke Anwendung, 3 mm Ø, Griff mit HF-Anschluß, isoliert

Endoscopic Needle Nose Grasper, rotatable for left and right use, 3 mm Ø, handle with HF connector

Pinza de agarre en forma de delfino, giratoria, para su aplicación hacia la derecha y la izquierda, 3 mm Ø, mango con contacto de alta frecuencia, aislada

Pinza da presa, rotante, per uso a destra e a sinistra, morso a delfino, Ø 3 mm, impugnatura con attacco per alta frequenza



R631-030160-246

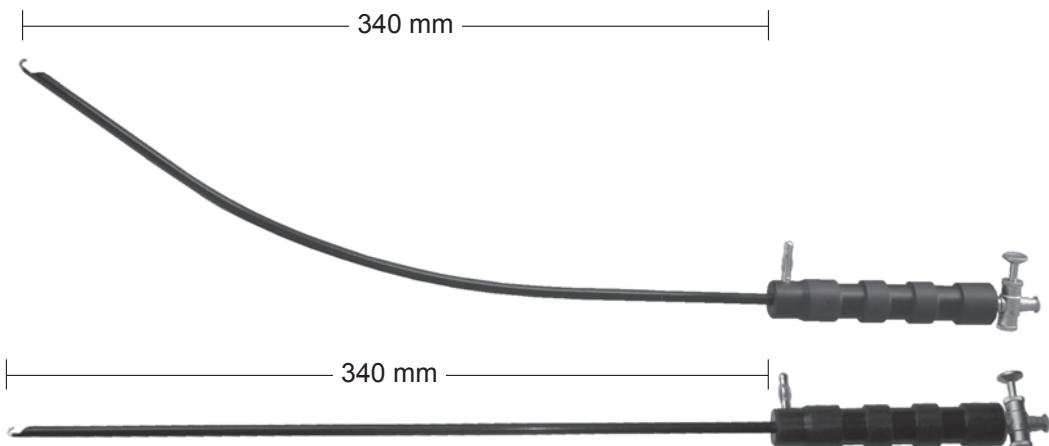
Faßzange, retrograd gezahnt, drehbar für rechte und linke Anwendung, 3 mm Ø, Griff mit HF-Anschluß, isoliert

Endoscopic Heavy Grasper, rotatable for left and right, insulated, 3 mm Ø, handle with HF connector

Pinza de agarre, con dentadura en forma retrógrada, giratoria, para la aplicación hacia la derecha y la izquierda, 3 mm Ø, mango con contacto de alta frecuencia, aislada

Pinza da presa, retrograda, rotante, per uso a destra e a sinistra, 3 mm Ø, impugnatura con attacco per alta frequenza

Endoskopische Instrumente
Endoscopic Instruments
Instrumentos para endoscopia
Strumenti endoscopici



Monopolare Elektroden mit Saugkanal und Hahn, 5 mm Ø, 340 mm Nutzlänge
Monopolar electrodes with suction port and stopcock, 5 mm Ø, 340 mm working length
Electrodos monopolares con canal de succión y llave de 5 mm Ø, largo útil de 340 mm
Elettrodi monopolari con canale d'aspirazione e rubinetto, 5 mm Ø, lunghezza utile 340 mm



J-Haken Elektrode, gerade
J-Hook electrode straight
Electroda forma de gancho, recta
Elettrodo ad uncinetto, retto

R660-050340-002

J-Haken Elektrode, gebogen
J-Hook electrode curved
Electroda forma de gancho, curva
Elettrodo ad uncinetto, curvo

R661-050340-002



Spatel Elektrode, gerade
Spatula electrode straight
Electroda en forma de espátula, recta
Elettrodo a spatola, retto

R660-050340-004

Spatel Elektrode, gebogen
Spatula electrode curved
Electroda en forma de espátula, curva
Elettrodo a spatola, curvo

R661-050340-004

Liposuction-Kanülen
Liposuction cannulas
Cáñulas de liposucción
Cannule per liposuzione



20 cm, 8"	\varnothing 3 mm	40010-30
30 cm, 12"	\varnothing 3 mm	40011-30
30 cm, 12"	\varnothing 4 mm	40012-40
40 cm, 16"	\varnothing 4 mm	40013-40
30 cm, 12"	\varnothing 5 mm	40014-50
30 cm, 12"	\varnothing 6 mm	40015-60



20 cm, 8"	\varnothing 3 mm	40020-30
30 cm, 12"	\varnothing 3 mm	40021-30
30 cm, 12"	\varnothing 4 mm	40022-40
30 cm, 12"	\varnothing 5 mm	40023-50
30 cm, 12"	\varnothing 6 mm	40024-60



20 cm, 8"	\varnothing 3 mm	40030-30
30 cm, 12"	\varnothing 3 mm	40031-30
30 cm, 12"	\varnothing 4 mm	40032-40
30 cm, 12"	\varnothing 5 mm	40032-50
30 cm, 12"	\varnothing 6 mm	40034-60



30 cm, 12"	\varnothing 4 mm	40040-40
30 cm, 12"	\varnothing 5 mm	40041-50



5 cm, 2"	\varnothing 2 mm	40050-20
5 cm, 2"	\varnothing 3 mm	40051-30
5 cm, 2"	\varnothing 4 mm	40052-40
15 cm, 6"	\varnothing 2 mm	40053-20
15 cm, 6"	\varnothing 3 mm	40054-30
25 cm, 10"	\varnothing 3 mm	40055-30
25 cm, 10"	\varnothing 4 mm	40056-40
30 cm, 12"	\varnothing 3 mm	40057-30
30 cm, 12"	\varnothing 5 mm	40058-50



20 cm, 8"	\varnothing 3 mm	40060-30
30 cm, 12"	\varnothing 3 mm	40061-30



15 cm, 6"	\varnothing 2 mm	40090-20
15 cm, 6"	\varnothing 3 mm	40091-30
15 cm, 6"	\varnothing 4 mm	40092-40
25 cm, 10"	\varnothing 3 mm	40093-30
25 cm, 10"	\varnothing 4 mm	40094-40
25 cm, 10"	\varnothing 5 mm	40095-50
30 cm, 12"	\varnothing 5 mm	40096-50



30 cm, 12"	\varnothing 6 mm	40070-60
35 cm, 14"	\varnothing 6 mm	40071-60



25 cm, 10"	\varnothing 2 mm	40080-20
35 cm, 14"	\varnothing 3 mm	40081-20



30 cm, 12"	\varnothing 3 mm	40100-30
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Liposuction-Kanülen
 Liposuction cannulas
 Cáñulas de liposucción
 Cannule per liposuzione



			LL▼
5 cm, 2"	Ø 1,7 mm	40110-17	40120-17
5 cm, 2"	Ø 2,0 mm	40111-20	40121-20
5 cm, 2"	Ø 3,0 mm	40112-30	40122-30
10 cm, 4"	Ø 2,0 mm	40113-20	40123-20
15 cm, 6"	Ø 1,7 mm	40114-17	40124-17
15 cm, 6"	Ø 2,0 mm	40115-20	40125-20
15 cm, 6"	Ø 3,0 mm	40116-30	40126-30



			LL▼
10 cm, 4"	Ø 1,7 mm	Ø 0,5 mm	40130-17
10 cm, 4"	Ø 2,0 mm	Ø 1,0 mm	40131-20
15 cm, 6"	Ø 2,0 mm	Ø 1,0 mm	40132-30



			LL▼
15 cm, 6"	Ø 2,0 mm	Ø 1,0 mm	18
15 cm, 6"	Ø 2,5 mm	Ø 1,2 mm	18
15 cm, 6"	Ø 3,0 mm	Ø 1,5 mm	18
20 cm, 8"	Ø 2,5 mm	Ø 1,2 mm	22
20 cm, 8"	Ø 3,0 mm	Ø 1,5 mm	22
20 cm, 8"	Ø 4,0 mm	Ø 2,0 mm	22
25 cm, 10"	Ø 2,5 mm	Ø 1,2 mm	26
30 cm, 12"	Ø 3,0 mm	Ø 1,5 mm	30
30 cm, 12"	Ø 4,0 mm	Ø 2,0 mm	30

◀ LL



Griffansatz
Handle connector
Emplame mango
Attacco-manico



Luer-Lock Ansatz
Luer-Lock connector
Emplame Luer-Lock
Attacco Luer-Lock



20 cm, 8" Ø 3,0 mm 40170-30 40180-30 LL▼



LL▼

20 cm, 8"	Ø 3,0 mm	Ø 1,5 mm	22	40190-30	40200-30
20 cm, 8"	Ø 4,0 mm	Ø 2,0 mm	22	40191-40	40201-40
30 cm, 12"	Ø 3,0 mm	Ø 1,5 mm	30	40192-30	40202-30
30 cm, 12"	Ø 4,0 mm	Ø 2,0 mm	30	40193-40	40203-40

Handgriffe für Kanülen
Handles for cannulas
Mangos para cánulas
Manici per cannule



40001-13
13 cm, 5 1/4"



40002-13
13 cm, 5 1/4"



40003-13
13 cm, 5 1/4"



40004-13
13 cm, 5 1/4"



40005-14
14 cm, 5 1/2"



40006-14
14 cm, 5 1/2"



40000-40
Ø 40 mm



40000-50
5 cm, 2"

Liposuction-Kanülen
Liposuction cannulas
Cánulas de liposucción
Cannule per liposuzione



15 cm, 6"	Ø 3 mm	40300-30
15 cm, 6"	Ø 6 mm	40301-60
25 cm, 10"	Ø 4 mm	40302-40
25 cm, 10"	Ø 6 mm	40303-60
30 cm, 12"	Ø 9 mm	40304-90



15 cm, 6"	Ø 4 mm	40400-40
25 cm, 10"	Ø 6 mm	40401-60
30 cm, 12"	Ø 6 mm	40402-60



15 cm, 6" Ø 3 mm **40500-30**



15 cm, 6" Ø 6 mm **40501-60**
25 cm, 10" Ø 6 mm **40502-60**

SET/100 Basic Plastic Surgery – Basis Set Plastische Chirurgie

1x	07103-00	scalpel handle no. 3
1x	07115-00	scalpel blade fig. 15
1x	09305-14	JOSEPH, scissors, cvd., 14,5 cm
1x	09310-12	KILNER, scissors, cvd., 12 cm
1x	09340-11	IRIS, scissors, str., 11 cm
1x	09341-11	IRIS, scissors, cvd., 11 cm
2x	11176-12	ADSON micro, dressing forceps, 12 cm
2x	11186-12	ADSON micro, tissue forceps, 1x2 t., 12 cm
4x	13220-12	HALSTED-MOSQUITO, forceps, str., 12,5 cm
6x	13221-12	HALSTED-MOSQUITO, forceps, cvd., 12,5 cm
2x	13320-14	ROCHESTER-OCHSNER, forceps, 1x2 t., str., 14 cm
4x	15111-09	BACKHAUS, towel forceps, 9 cm
2x	17170-18	FOERSTER, swab forceps, str., 18 cm
1x	19216-01	JOSEPH, hooklet, sharp, 1 prong, 16 cm
1x	19216-02	JOSEPH, hooklet, sharp, 2 prongs, 16 cm
1x	19650-10	WEITLANER, retractor, sharp, 11,5 cm
1x	21110-14	grooved director, 14,5 cm
1x	25137-11	BABY WEBSTER, needle holder TC, 11 cm
1x	25164-15	CRILE-WOOD, needle holder TC, 15 cm
1x	47560-18	GILLIES, hooklet, delicate, fig. 1, 18cm
2x	65110-15	ALLIS, tissue forceps, 4x5 t., 15 cm
1x	89127-08	bowl round, stainless steel, 80x40 mm, 0,14 l

SET/101 Abdominoplasty Set – Abdominoplastik Set

1x	07104-00	scalpel handle no. 4
1x	07120-00	scalpel blade fig. 20
1x	09165-14	MAYO, scissors TC, cvd., 14,5 cm
1x	10039-23	KAYE, face lift Supercut scissors, cvd., 23 cm
1x	10011-19	GORNEY, face lift scissors, cvd., 18,5 cm
1x	11112-18	POTTS-SMITH, dressing forceps, 18 cm
1x	11126-18	POTTS-SMITH, tissue forceps, 1x2 t., 18 cm
1x	11176-12	ADSON micro, dressing forceps, 12 cm
1x	11186-12	ADSON mirco, tissue forceps, 1x2 t., 12 cm
1x	11188-12	ADSON-BROWN, tissue forceps, 7x7 t., 12 cm
6x	15111-13	BACKHAUS, towel forceps, 13 cm
1x	19102-12	FARABEUF, retractor, double pair, 12 cm
2x	19216-07	JOSEPH, hooklet, sharp, 2 prongs, 16 cm
1x	19364-60	ISRAEL, retractor, blunt, 50x60 mm, 25 cm
1x	25144-13	HALSEY, needle holder TC, 13 cm
1x	25184-16	MAYO-HEGAR, needle holder TC, 16 cm
1x	25184-20	MAYO-HEGAR, needle holder TC, 20 cm

SET/102 Skin Graft Set – Hautverpflanzung Set

1x	03350-15	tape measure metal, 1,5 m
1x	07103-00	scalpel handle no. 3
1x	07115-00	scalpel blade fig. 15
1x	07490-00	SCHINK, dermatome, 30 cm
1x	09283-15	METZENBAUM-FINO, scissors, cvd, 15 cm
1x	09283-18	METZENBAUM-FINO, scissors, cvd., 18 cm
1x	11260-15	SEMKEN. dressing forceps, 15,5 cm
1x	11270-15	SEMKEN, tissue forceps, 1x2 t., 15,5 cm
3x	13221-12	HALSTED-MOSQUITO, forceps, cvd., 12,5 cm
4x	15111-13	BACKHAUS, towel forceps, 13 cm
1x	19212-01	GUTHRIE, double hooklet, small, 12 cm
1x	19240-10	SENN-GREEN, retractor, 10x6mm, 15cm
1x	25214-18	DeBAKEY, needle holder TC, 18 cm
1x	25164-15	CRILE-WOOD, needle holder TC, 15 cm
1x	47560-18	GILLIES, hooklet, delicate, fig. 1, 18 cm
2x	65110-15	ALLIS, tissue forceps, 4x5 t., 15 cm

SET/103 Nose Correction – Nasenkorrektur Set

1x	07107-00	scalpel handle no. 7
1x	07115-00	scalpel blade fig. 15
1x	09304-14	JOSEPH, scissors, str., 14 cm
1x	09310-12	KILNER, scissors, cvd., 12 cm
1x	09321-15	REYNOLDS, scissors, cvd., 15 cm
1x	09401-18	HEYMANN, scissors, 18 cm
1x	11176-12	ADSON micro, dressing forceps, 12 cm
1x	11186-12	ADSON micro, tissue forceps, 1x2 t., 12 cm
1x	11188-12	ADSON-BROWN, tissue forceps, 7x7 t., 12 cm
1x	13220-12	HALSTED-MOSQUITO, forceps, str., 12,5 cm
1x	13223-12	HALSTED-MOSQUITO, forceps, cvd., 12,5 cm
1x	13312-14	PEAN, forceps, str., 14 cm
4x	15111-13	BACKHAUS, towel forceps, 13 cm
1x	17111-20	GROSS-MAIER, dressing forceps, cvd., 20 cm
1x	19212-01	GUTHRIE, double hooklet, 12 cm
1x	19216-02	JOSEPH, hooklet, sharp, 2 prongs, 16 cm
1x	19218-01	BARSKY, hook, 15 cm
1x	19230-12	DESMARRES, retractor, 16 cm
1x	25137-11	BABY WEBSTER, needle holder TC, 11 cm
1x	25164-15	CRILE-WOOD, needle holder TC, 15 cm
1x	33100-01	FRIEDMAN micro, bone rongeur, str., 14 cm
1x	33694-01	mallet with interchangeable plastic, 18,5 cm
1x	33711-16	WILLIGER, raspatory, str., 16cm
1x	33711-20	LANGENBECK, elevator, 20 cm
1x	45206-14	LUCAE, ear forceps, 14 cm
1x	47120-35	KILLIAN, nasal speculum, 35 mm, 13 cm
1x	47120-50	KILLIAN, nasal speculum, 50 mm, 13 cm
1x	47224-01	WEIL-BLAKESLEY, forceps, fig. 1, 45°, 3 mm
1x	47256-20	CAPLAN, nasal cutting forceps, 20 cm
1x	47347-20	GUILEN, suction raspitory, 19 cm
1x	47374-16	FREER, mucosa knife, 16,5 cm
1x	47423-22	COTTLE, septum elevator, 22 cm
1x	47454-04	COTTLE, rhinoplastic osteotome, 18 cm
1x	47454-07	COTTLE, rhinoplastic osteotome, 18 cm
1x	47470-04	FOMON, osteotome, 17 cm
1x	47522-05	FOMON, nasal raspel TC, fig. 5/6, 20 cm
1x	47551-16	AUFRICHT, nasal retractor, 16 cm
1x	47555-08	KILNER, nasal retractor, 8 cm
1x	47565-10	COTTLE, columella forceps, 10 cm
1x	47571-23	ASCH, septum forceps, str., 23 cm
1x	89127-08	bowl round, stainless steel, 80x40 mm, 0,14 l

SET/104 Face Lift Set

1x	03370-16	PITANGUY, facelift marker, 16 cm
1x	07107-00	scalpel handle no. 7
1x	07115-00	scalpel blade fig. 15
1x	09345-11	IRIS, scissors TC, cvd., 11 cm
1x	10015-19	GORNEY, face lift Supercut scissors, cvd., 18,5 cm
1x	10045-14	PECK-JOSEPH, dissecting scissors, cvd., 14,5 cm
1x	11176-12	ADSON micro, dressing forceps, 12 cm
1x	11186-12	ADSON micro, tissue forceps, 1x2 t., 12 cm
1x	11188-12	ADSON-BROWN, tissue forceps, 7x7 t., 12 cm
1x	11231-20	BROPHY, tissue forceps, 1x2 t., 20 cm
1x	13364-14	MARTEL, scalp flap forceps, 14 cm
1x	19102-12	FARABEUF, retractor double pair, 12 cm
1x	19216-02	JOSEPH, hooklet, sharp, 2 prongs, 16 cm
1x	19314-16	KOCHER-LANGENBECK, retractor, 21 cm
1x	19995-38	FREEMAN, retractor, sharp, 4 prongs, 18 cm
1x	25144-13	HALSEY, needle holder TC, 13 cm
1x	25164-15	CRILE-WOOD, needle holder TC, 15 cm
1x	47560-18	GILLIES, hooklet, delicate, fig. 1, 18 cm

SET/105 Eyelid Plastic (Blepharoplasty) – Set zur Lidstraffung (Blepharoplastik)

1x	07103-00	scalpel handle no. 3
1x	07115-00	scalpel blade fig. 15
1x	09341-11	IRIS, scissors, cvd., 11 cm
1x	09362-11	STEVENS, scissors, str. 11 cm
1x	10313-14	GOMEL, scissors, cvd., 14 cm
1x	11186-12	ADSON micro, tissue forceps, 1x2 t., 12 cm
1x	13220-12	HALSTED-MOSQUITO, forceps, str., 12,5 cm
1x	13221-12	HALSTED-MOSQUITO, forceps, cvd., 12,5 cm
4x	15111-09	BACKHAUS, towel forceps, 9 cm
1x	19216-01	JOSEPH, hooklet, sharp, 1 prong, 16 cm
1x	19216-02	JOSEPH, hooklet, sharp, 2 prongs, 16 cm
1x	19230-12	DESMARRES retractor, 16 cm
1x	25670-14	CASTROVIEJO, needle holder, str., 14 cm
1x	44150-01	CASTROVIEJO, suturing forceps, 0,1 mm, 10 cm
1x	47560-18	GILLIES, hooklet, delicate, fig. 1, 18 cm

SET/106 Mammaplasty – Mammaplastik Set

1x	03340-20	ruler metal, 20 cm
1x	03500-38	FREEMAN, marker, 38 mm
1x	03500-42	FREEMAN, marker, 42 mm
1x	03500-44	FREEMAN, marker, 44 mm
1x	07107-00	scalpel handle no. 7
1x	07115-00	scalpel blade fig. 15
1x	09281-18	METZENBAUM, scissors, 18 cm
1x	09310-15	KILNER, scissors, 15 cm
1x	09583-15	neurosurgery scissors, cvd., 15 cm
1x	11102-14	dressing forceps, 14,5 cm
1x	11186-12	ADSON micro, tissue forceps, 1x2 t., 12 cm
2x	13223-12	HALSTED-MOSQUITO, micro, forceps, cvd., 12,5 cm
2x	13231-12	HALSTED-MOSQUITO, forceps, cvd., 12,5 cm
1x	13475-18	MIXTER BABY, forceps, 18 cm
6x	15111-13	BACKHAUS, towel forceps, 13 cm
1x	17110-25	GROSS-MAIER, dressing forceps, 25 cm
1x	19102-12	FARABEUF, retractor double par, 12 cm
1x	19314-12	KOCHER-LANGENBECK, retractor, 21 cm
1x	19999-00	AGRIS-DINGMAN, breast dissector, set of 2, 36 cm
1x	19999-02	TEBBETTS, breast dissector, 33 cm
1x	25164-15	CRILE-WOOD, needle holder TC, 15 cm
1x	25180-16	MAYO-HEGAR, needle holder, 16 cm
1x	47154-20	JANSEN, nasal forceps, 20 cm
1x	89127-08	bowl round, stainless steel, 80x40mm, 0,14 l

03312-01	2	07109-10	11	09280-20	16	09345-11	20	09825-12	25
03314-01	2	07109-13	11	09280-23	16	09346-11	20	09826-12	25
03340-10	2	07109-15	11	09281-12	16	09348-01	21	09828-12	25
03340-15	2	07161-00	11	09281-15	16	09348-02	21	09829-12	25
03340-20	2	07162-00	11	09281-18	16	09348-03	21	09854-11	26
03340-30	2	07165-00	11	09281-20	16	09348-04	21	09855-11	26
03340-50	2	07167-00	11	09281-23	16	09348-05	21	09962-14	13
03370-16	3	07296-00	7	09282-15	17	09348-06	21	09962-17	13
03380-30	3	07490-00	6	09282-18	17	09349-12	22	09963-14	13
03390-30	3	07490-01	6	09282-20	17	09350-09	23	09963-17	13
03400-38	5	07490-02	6	09282-23	17	09350-10	22	09964-15	14
03400-42	5	07495-31	7	09283-15	17	09351-09	23	09964-17	14
03400-45	5	07496-31	7	09283-18	17	09352-09	23	09965-15	14
03500-34	4	07498-00	7	09283-20	17	09352-10	22	09965-17	14
03500-36	4	07499-00	7	09283-23	17	09353-09	23	09966-11	16
03500-38	4	07499-01	7	09284-12	16	09354-10	23	09967-11	16
03500-42	4	09160-14	13	09284-15	16	09355-10	23	09970-14	16
03500-45	4	09160-17	13	09284-18	16	09356-10	23	09970-18	16
03500-50	4	09161-14	13	09284-20	16	09357-10	23	09970-20	16
03501-34	4	09161-17	13	09284-23	16	09358-11	22	09970-23	16
03501-38	4	09164-14	13	09285-12	16	09360-11	24	09971-14	16
03501-45	4	09164-17	13	09285-15	16	09361-11	24	09971-18	16
03505-00	4	09165-14	13	09285-18	16	09362-11	24	09971-20	16
03520-34	4	09165-17	13	09285-20	16	09363-11	24	09971-23	16
03520-38	4	09170-15	14	09285-23	16	09370-11	24	09980-11	20
03520-45	4	09170-17	14	09286-15	17	09371-11	24	09981-11	20
03530-34	4	09171-15	14	09286-18	17	09374-11	24	09982-12	25
03530-36	4	09171-17	14	09286-20	17	09375-11	24	09983-12	25
03530-38	4	09174-15	14	09286-23	17	09401-18	27	09984-11	24
03530-42	4	09174-17	14	09287-15	17	09403-15	27	09985-11	24
03530-45	4	09175-15	14	09287-18	17	09405-16	27	09993-15	19
03530-50	4	09175-17	14	09287-20	17	09405-16TC ..	27	09995-12	19
03540-32	4	09190-16	15	09287-23	17	09406-10	27	10010-19	30
03540-37	4	09191-16	15	09302-14	18	09407-10	27	10011-19	30
03540-43	4	09194-16	15	09303-14	18	09540-16	19	10012-19	30
03550-14	5	09195-16	15	09304-14	18	09541-16	19	10013-19	30
03550-16	5	09202-10	15	09305-14	18	09542-16	19	10014-19	30
03560-34	5	09203-10	15	09310-12	19	09543-16	19	10015-19	30
03560-38	5	09206-10	15	09310-15	19	09544-16	19	10028-14	31
03560-42	5	09207-10	15	09314-12	19	09545-16	19	10029-14	31
07103-00	8	09270-15	17	09321-15	19	09614-19	29	10030-18	31
07103-01	8	09270-18	17	09321-18	19	09617-13	27	10031-18	31
07103-02	8	09271-15	17	09340-09	20	09802-09	28	10032-23	31
07104-00	9	09271-18	17	09340-10	20	09802-11	28	10033-23	31
07104-02	9	09274-15	17	09340-11	20	09804-14	28	10034-14	31
07105-02	9	09274-18	17	09341-09	20	09805-09	28	10035-14	31
07106-01	9	09275-15	17	09341-10	20	09820-13	29	10036-18	31
07107-00	10	09275-18	17	09341-11	20	09821-13	29	10037-18	31
07107-01	10	09280-12	16	09342-08	20	09821-13SC ..	29	10038-23	31
07108-00	10	09280-15	16	09343-08	20	09823-12	25	10039-23	31
07109-03	8	09280-18	16	09344-11	20	09824-12	25	10044-14	31

10045-14	31	10227-11.....	35	11114-16.....	36	11177-12.....	38	11274-06.....	43
10048-14	31	10227-14.....	35	11114-20.....	36	11178-12.....	38	11274-08.....	43
10049-14	31	10227-18.....	35	11114-25.....	36	11179-12.....	38	11274-10.....	43
10050-14	31	10227-18T.....	35	11116-18.....	36	11180-12.....	39	11302-17.....	43
10050-18	31	10227-21.....	35	11116-21.....	36	11180-12F.....	39	11302-23.....	43
10051-14	31	10227-23.....	35	11116-25.....	36	11180-15.....	39	11303-17.....	43
10051-18	31	10228-11.....	35	11120-10.....	37	11181-12.....	39	11304-17.....	43
10061-19	30	10228-14.....	35	11120-11.....	37	11181-15.....	39	11305-17.....	44
10061-19SC ..	30	10228-18.....	35	11120-13.....	37	11182-12.....	39	11310-17.....	44
10061-19TC ..	30	10228-18T.....	35	11120-14.....	37	11186-12.....	39	11311-17.....	44
10061-23	30	10228-21.....	35	11120-16.....	37	11186-15.....	39	11312-17.....	44
10061-23SC ..	30	10228-23.....	35	11120-18.....	37	11187-12.....	39	11312-18.....	44
10061-23TC ..	30	10229-11.....	35	11120-20.....	37	11187-18.....	41	11313-17.....	44
10201-11	32	10229-14.....	35	11122-12.....	37	11187-20.....	41	11314-01.....	44
10201-11SC ..	32	10229-18.....	35	11122-13.....	37	11187-25.....	41	11314-02.....	44
10202-11	33	10229-18T.....	35	11122-14.....	37	11187-30.....	41	11315-01.....	44
10202-14	33	10229-21.....	35	11122-15.....	37	11188-12.....	40	11315-02.....	44
10202-14T	33	10229-23.....	35	11122-18.....	37	11188-12F.....	40	11316-14.....	45
10202-18	33	10230-11.....	35	11122-21.....	37	11188-15.....	40	11316-16.....	45
10202-18T	33	10230-14.....	35	11124-15.....	37	11189-12.....	40	11316-20.....	45
10202-21	33	10230-18.....	35	11126-18.....	36	11189-15.....	41	11317-00.....	45
10202-21T	33	10230-18T.....	35	11126-21.....	36	11189-20.....	41	11317-12.....	45
10202-23	33	10230-21.....	35	11126-25.....	36	11189-25.....	41	11317-23.....	45
10203-11	33	10230-23.....	35	11130-11.....	37	11190-10.....	41	11318-18.....	45
10203-14	33	11102-10.....	36	11130-13.....	37	11191-12.....	40	11318-20.....	45
10203-14T	33	11102-11.....	36	11130-14.....	37	11220-17.....	41	11318-25.....	45
10203-18	33	11102-13.....	36	11130-16.....	37	11221-17.....	41	11319-12.....	45
10203-18T	33	11102-14.....	36	11130-18.....	37	11222-17.....	41	11319-14.....	45
10203-21	33	11102-16.....	36	11130-20.....	37	11223-17.....	41	11320-18.....	45
10203-21T	33	11102-18.....	36	11132-16.....	37	11224-17.....	41	11320-23.....	45
10203-23	33	11102-20.....	36	11132-18.....	37	11225-17.....	41	11401-01.....	46
10206-11	32	11103-14.....	36	11132-20.....	37	11232-15.....	41	11403-03.....	46
10206-11SC ..	32	11104-12.....	36	11140-11.....	37	11246-18.....	42	11403-04.....	46
10207-11	32	11104-13.....	36	11140-13.....	37	11248-18.....	42	11404-04.....	46
10207-11SC ..	32	11104-14.....	36	11140-14.....	37	11250-14.....	42	11405-05.....	46
10220-00	34	11104-15.....	36	11140-16.....	37	11252-20.....	42	11407-07.....	46
10220-00T	34	11104-18.....	36	11140-18.....	37	11256-15.....	42	12090-15D.....	47
10220-25	34	11104-21.....	36	11140-20.....	37	11256-20.....	42	12090-18D.....	47
10220-25T	34	11106-13.....	36	11150-13.....	37	11256-25.....	42	12090-21D.....	47
10220-45	34	11106-15.....	36	11150-14.....	37	11257-15.....	42	12090-23D.....	47
10220-45T	34	11110-11.....	36	11150-16.....	37	11258-15.....	42	12091-15D.....	47
10220-60	34	11110-13.....	36	11160-13.....	37	11259-15.....	42	12091-18D.....	47
10220-60T	34	11110-14.....	36	11160-14.....	37	11260-12.....	43	12091-21D.....	47
10220-90	34	11110-16.....	36	11160-16.....	37	11260-15.....	43	12091-23D.....	47
10220-90T	34	11110-18.....	36	11170-12.....	38	11261-15.....	43	12102-12	47
10226-11	35	11110-20.....	36	11170-12F.....	38	11270-12.....	43	12102-12D	47
10226-14	35	11110-25.....	36	11170-15.....	38	11270-15.....	43	12102-12T	47
10226-18	35	11112-18.....	36	11174-12.....	38	11271-15.....	43	12102-21	47
10226-18T	35	11112-21.....	36	11174-15.....	38	11271-18.....	43	12102-21D	47
10226-21	35	11112-25.....	36	11176-12.....	38	11272-15.....	43	12102-23	47
10226-23	35	11114-14.....	36	11176-15.....	38	11273-15.....	43	12102-23D	47

12103-12	47	12117-18.....	50	13230-18	60	13411-18.....	64	19217-05	70
12103-12D.....	47	12117-21.....	50	13230-21	60	19102-12	65	19217-07	70
12103-15	47	12117-23.....	50	13231-12	60	19102-15	65	19218-01	71
12103-15D.....	47	12118-18.....	50	13231-14	60	19124-15	65	19218-02	71
12104-15	47	12118-21.....	50	13231-18	60	19125-14	65	19218-11.....	71
12104-15D.....	47	12118-23.....	50	13231-21	60	19127-11.....	65	19220-01	72
12104-15T.....	47	12302-16	51	13232-12	60	19168-06	66	19220-02	72
12104-18T.....	47	12302-20	51	13233-12	60	19168-08	66	19220-03	72
12104-21T.....	47	12302-24	51	13240-14	61	19168-10	66	19220-04	72
12104-23T.....	47	12304-16	51	13240-18	61	19168-12	66	19221-01	72
12108-12T.....	47	12304-20	51	13241-14	61	19168-17	66	19221-02	72
12108-15T.....	47	12304-24	51	13241-18	61	19168-20	66	19221-03	72
12108-18	47	12304-30	51	13242-16	61	19168-25	66	19221-04	72
12108-18D.....	47	12306-16	51	13243-16	61	19169-25	66	19226-02	72
12108-18T.....	47	12306-20	51	13244-14	61	19170-20	66	19226-03	72
12108-21T.....	47	12306-24	51	13245-14	61	19170-25	66	19226-04	72
12108-23T.....	47	12306-30	51	13250-14	62	19170-32	66	19227-02	72
12109-18	47	12308-16	51	13250-18	62	19170-40	66	19227-03	72
12109-18D.....	47	12308-20	51	13251-14	62	19170-45	66	19227-04	72
12109-21	47	12308-24	51	13251-18	62	19170-50	66	19229-02	72
12109-21D.....	47	12308-30	51	13254-14	62	19170-65	66	19229-03	72
12109-23	47	12309-16	51	13255-14	62	19170-76	66	19230-10	73
12109-23D.....	47	12309-20	51	13256-14	61	19180-19	67	19230-12	73
12112-15D.....	48	12309-24	51	13257-14	61	19181-22	67	19230-14	73
12112-15T.....	48	12309-30	51	13258-16	61	19181-25	67	19230-16	73
12112-18D.....	48	12310-16	51	13259-16	61	19183-25	67	19230-18	73
12112-18T.....	48	12310-20	51	13260-14	62	19183-25CL...	68	19234-00	73
12112-21D.....	48	12310-24	51	13261-14	62	19185-25	67	19237-16	73
12112-21T.....	48	12310-30	51	13262-16	62	19187-25	67	19270-02	73
12112-23D.....	48	13210-10	59	13263-16	62	19188-12	68	19270-03	73
12112-23T.....	48	13211-10.....	59	13264-16	62	19188-12CL...	68	19270-04	73
12114-15D.....	48	13212-10	59	13265-16	62	19188-25	68	19270-06	73
12114-15T.....	48	13213-10	59	13270-14	61	19188-25CL...	68	19271-02	73
12114-18D.....	48	13214-10	59	13271-14	61	19210-12	69	19271-03	73
12114-18T.....	48	13215-10	59	13310-13	63	19211-12	69	19271-04	73
12114-21D.....	48	13220-12	60	13310-14	63	19212-01	69	19271-06	73
12114-21T.....	48	13220-14	60	13310-16	63	19212-02	69	19302-01	74
12114-23D.....	48	13220-18	60	13311-13.....	63	19213-12	69	19302-02	74
12114-23T.....	48	13220-21	60	13311-14.....	63	19214-13	70	19302-03	74
12115-15.....	49	13221-12	60	13311-16.....	63	19214-18	70	19302-04	74
12115-15T.....	49	13221-14	60	13320-13	63	19215-01	70	19302-05	74
12115-18.....	49	13221-18	60	13320-14	63	19215-02	70	19302-06	74
12115-18T.....	49	13221-21	60	13320-16	63	19215-03	70	19307-01	74
12115-21.....	49	13222-12	60	13321-13	63	19215-13	70	19307-02	74
12115-21T.....	49	13223-12	60	13321-14	63	19215-18	70	19610-07	75
12115-23.....	49	13224-12	60	13321-16	63	19216-01	70	19611-07	75
12115-23T.....	49	13225-12	60	13380-15	63	19216-02	70	19620-07	75
12116-15.....	49	13226-12	60	13381-15	63	19216-05	70	19620-10	75
12116-18.....	49	13227-12	60	13382-15	63	19216-07	70	19621-07	75
12116-21.....	49	13230-12	60	13383-15	63	19216-10	70	19621-10	75
12116-23.....	49	13230-14	60	13410-18	64	19217-03	70	19630-10	75

19631-10	75	19998-05	84	25214-20	92	25672-23D.....	96	33652-03	132
19634-10	75	19998-11.....	84	25214-23	92	25673-14	96	33652-04	132
19635-10	75	19998-12	84	25224-13	93	25673-14D.....	96	33652-05	132
19650-10	76	19999-00	81	25224-15	93	25673-14T.....	96	33652-06	132
19651-10	76	19999-01	81	25224-18	93	25673-18	96	33652-08	132
19670-14	76	19999-02	81	25224-20	93	25673-18D.....	96	33652-10	132
19671-14	76	19999-03	81	25225-13	93	25673-18T.....	96	33652-12	132
19741-01	77	19999-04	82	25225-15	93	25673-21T.....	96	33652-15	132
19741-02	77	19999-05	81	25225-18	93	25674-14	96	33654-02	132
19741-03	77	19999-06	82	25225-20	93	25674-18	96	33654-03	132
19741-04	77	19999-10	79	25230-18	93	25674-21	96	33654-04	132
19741-05	77	19999-22	82	25230-20	93	25675-14	96	33654-05	132
19741-06	77	19999-29	82	25405-12	93	25675-18	96	33654-06	132
19741-07	77	19999-30	79	25406-12	93	25676-14	96	33654-08	132
19741-08	77	19999-30CL....	79	25407-12	93	25677-14	96	33654-10	132
19741-09	77	19999-31	81	25408-12	93	25691-18	96	33654-12	132
19741-10	77	19999-40	79	25410-14	93	25700-18	95	33654-15	132
19741-11	77	19999-50	79	25410-17	93	25701-18	95	33686-25	100
19741-12	77	19999-50CL....	79	25414-14	93	25720-12	95	33693-32	100
19741-13	77	25110-12.....	91	25414-17	93	25720-12D.....	95	33694-01	100
19960-01	78	25114-12.....	91	25414-18	93	25720-13	95	33694-02	100
19960-02	78	25128-13	91	25434-11.....	94	25720-13D.....	95	33694-03	100
19960-03	78	25129-13	91	25434-13	94	25720-14	95	33696-75	100
19960-04	78	25130-13	91	25434-16	94	25720-14D.....	95	33698-98	100
19960-05	78	25134-13	91	25660-12	95	25730-18	95	33700-05	100
19960-06	78	25136-11	91	25660-13	95	25730-18D.....	95	33711-16	101
19960-07	78	25137-11	91	25660-14	95	25730-21	95	33711-20	101
19970-01	80	25140-13	91	25661-12	95	25730-21D.....	95	33711-21	101
19970-23	80	25144-13	91	25661-13	95	25730-23	95	33712-16	101
19970-24	80	25150-12	92	25661-14	95	25730-23D.....	95	33713-17	101
19980-00	78	25150-14	92	25668-18	96	25731-12	95	33718-16	101
19980-01	78	25154-12	92	25668-21	96	25731-13	95	33719-17	101
19980-02	78	25154-14	92	25668-23	96	25731-14	95	33720-19	102
19980-03	78	25160-15	92	25670-14	96	25731-18	95	33720-21	102
19980-04	78	25160-18	92	25670-18	96	25731-18D.....	95	34554-15	97
19980-05	78	25164-15	92	25670-21	96	25731-21	95	34554-18	97
19980-06	78	25164-18	92	25671-12D.....	95	25731-21D.....	95	34554-20	97
19980-18	84	25164-20	92	25671-13D.....	95	25731-23	95	34555-15	97
19989-22	82	25164-23	92	25671-14	96	25731-23D.....	95	34555-18	97
19989-29	82	25180-12	92	25671-14D.....	95	33100-01	98	34555-20	97
19990-18	83	25180-14	92	25671-18	96	33100-02	98	34556-18	97
19991-18	83	25180-16	92	25672-14	96	33101-12	98	40000-40	162
19992-31	80	25180-18	92	25672-14D.....	96	33101-14	98	40000-50	162
19995-22	84	25180-20	92	25672-14T.....	96	33201-18	98	40001-13	162
19995-38	84	25184-12	92	25672-18	96	33211-15.....	98	40002-13	162
19996-04	84	25184-14	92	25672-18D.....	96	33213-15.....	98	40003-13	162
19996-18	84	25184-16	92	25672-18T.....	96	33280-15	99	40004-13	162
19997-09	84	25184-18	92	25672-21	96	33281-15	99	40005-14	162
19998-01	84	25184-20	92	25672-21D.....	96	33282-19	99	40006-14	162
19998-02	84	25214-16	92	25672-21T.....	96	33283-17	99	40010-30	159
19998-03	84	25214-18	92	25672-23	96	33652-02	132	40011-30	159

40012-40	159	40125-20	160	41069-20	85	44150-15	55	47169-18	118
40013-40	159	40126-30	160	41290-21	107	44254-09	55	47185-18	118
40014-50	159	40130-17	160	41295-06	108	44256-09	55	47191-01	119
40015-60	159	40131-20	160	41295-07	108	44258-09	55	47191-02	119
40020-30	159	40132-30	160	41295-08	108	44425-10	55	47191-03	119
40021-30	159	40140-17	160	41295-09	108	45201-11.....	57	47191-04	119
40022-40	159	40141-20	160	41295-10	108	45206-14	57	47192-16	119
40023-50	159	40142-30	160	41295-11.....	108	45206-16	57	47195-01	119
40024-60	159	40150-20	160	41295-12	108	45208-14	57	47195-02	119
40030-30	159	40151-25	160	41297-06	108	47102-01	110	47197-01	119
40031-30	159	40152-30	160	41297-07	108	47102-02	110	47197-02	119
40032-40	159	40153-25	160	41297-08	108	47102-03	110	47223-01	120
40032-50	159	40154-30	160	41297-09	108	47103-01	111	47223-02	120
40034-60	159	40155-40	160	41297-10	108	47103-02	111	47223-03	120
40040-40	159	40156-25	160	41297-11.....	108	47103-03	111	47223-04	120
40041-50	159	40157-30	160	41297-12	108	47112-01.....	112	47223-05	120
40050-20	159	40158-40	160	41299-03	107	47112-02.....	112	47224-01	120
40051-30	159	40160-20	160	41299-05	107	47112-03.....	112	47224-02	120
40052-40	159	40161-25	160	41299-07	107	47116-13.....	112	47224-03	120
40053-20	159	40162-30	160	43150-11.....	58	47118-13.....	112	47224-04	120
40054-30	159	40163-25	160	43370-12	86	47120-35	113	47224-05	120
40055-30	159	40164-30	160	43372-13	86	47120-35CL.	113	47225-01	120
40056-40	159	40164-40	160	43373-13	86	47120-35S...	114	47225-02	120
40057-30	159	40166-25	160	43376-13	86	47120-50	113	47225-03	120
40058-50	159	40167-30	160	43377-13	86	47120-50CL.	113	47225-04	120
40060-30	159	40168-40	160	43378-13	86	47120-50S...	114	47226-01	120
40061-30	159	40170-30	161	43583-07	5	47120-75	113	47226-02	120
40070-60	159	40180-30	161	43583-18	5	47120-75CL.	113	47226-03	120
40071-60	159	40190-30	161	43810-10	52	47120-75S...	114	47227-01	120
40080-20	159	40191-40	161	43811-10.....	52	47120-90	113	47227-02	120
40081-20	159	40192-30	161	43813-10	52	47120-90CL.	113	47227-03	120
40090-20	159	40193-40	161	43820-10	52	47120-90S...	114	47237-01	121
40091-30	159	40200-30	161	43821-10	52	47124-35	115	47237-02	121
40092-40	159	40201-40	161	43823-10	52	47124-35CL.	115	47239-01	121
40093-30	159	40202-30	161	43940-05	53	47124-35S...	116	47239-02	121
40094-40	159	40203-40	161	43940-08	53	47124-50	115	47242-00	121
40095-50	159	40300-30	163	43942-05	53	47124-50CL.	115	47242-01	121
40096-50	159	40301-60	163	43942-08	53	47124-50S...	116	47251-21	122
40100-30	159	40302-40	163	43950-10	54	47124-75	115	47256-20	122
40110-17.....	160	40303-60	163	43952-10	54	47124-75CL.	115	47323-19	123
40111-20.....	160	40304-90	163	43953-10	54	47124-75S...	116	47325-19	123
40112-30.....	160	40400-40	163	44015-20	55	47124-90	115	47347-20	109
40113-20.....	160	40401-60	163	44015-27	55	47124-90CL.	115	47370-16	124
40114-17.....	160	40402-60	163	44076-05	56	47124-90S...	116	47371-16	124
40115-20.....	160	40500-30	163	44076-10	56	47151-15	57	47372-16	124
40116-30.....	160	40501-60	163	44078-05	56	47151-18	57	47373-16	124
40120-17.....	160	40502-60	163	44078-10	56	47154-20	57	47374-16	124
40121-20.....	160	41054-20	85	44150-01	55	47158-20	117	47375-16	124
40122-30.....	160	41056-18	85	44150-03	55	47159-20	117	47375-19	124
40123-20.....	160	41058-18	85	44150-05	55	47161-16	117	47376-16	124
40124-17.....	160	41068-20	85	44150-10	55	47161-20	117	47379-16	125

47380-15125	47463-14129	47523-02134	49274-13141	49623-16148
47382-15125	47470-04127	47524-01134	49274-15141	49624-16148
47384-15125	47470-05127	47525-20134	49278-01105	49627-01148
47385-15125	47470-06127	47526-20134	49278-02105	49630-02148
47386-01125	47470-07127	47530-00138	49280-18105	49635-18149
47386-02125	47471-02127	47530-01138	49281-01106	49640-05149
47390-03126	47471-03127	47530-02138	49281-02106	49640-07149
47390-04126	47471-04127	47532-19138	49310-00142	49640-09149
47390-05126	47471-05127	47533-19138	49310-01142	49650-06149
47392-03126	47471-06127	47534-19138	49310-02142	49650-07149
47392-04126	47471-07127	47535-01139	49310-03142	49650-09149
47392-05126	47471-08127	47535-02139	49310-04142	49650-11149
47410-04102	47471-10127	47538-0187	49310-05142	49660-18150
47410-05102	47471-12127	47538-0287	49310-09142	49666-10151
47411-16.....102	47472-10127	47538-0387	49310-10142	49666-15151
47414-21102	47472-12127	47538-0487	49310-11.....142	49666-20151
47415-18102	47472-14127	47540-1687	49310-12142	49667-10151
47417-19102	47472-16127	47550-11.....87	49315-00143	49667-15151
47419-19102	47473-01130	47550-11CL...87	49315-01143	49680-10150
47420-01103	47473-02130	47551-1687	49315-02143	49680-20150
47420-02103	47473-03130	47551-16CL...87	49315-03143	49685-21150
47420-03103	47474-01130	47552-1687	49315-10143	49691-15150
47420-04103	47474-02130	47553-1587	49317-00143	49692-15150
47420-20103	47474-03130	47554-0188	49317-01143	49700-01151
47421-21103	47475-04131	47554-0288	49317-02143	49700-02151
47421-23103	47475-06131	47554-0388	49317-03143	55116-15.....90
47422-22103	47475-08131	47555-0888	49317-10143	55117-17.....90
47423-22104	47481-05130	47556-1688	49320-00144	55120-1590
47424-16104	47482-05132	47557-1788	49320-01144	73193-305
47425-19104	47484-04132	47558-1588	49320-02144	93250-15T95
47426-22104	47484-06132	47559-2088	49320-03144	93250-18T95
47428-21104	47484-08132	47560-1889	49320-10144	93250-21T95
47430-22104	47486-16132	47562-1889	49320-20144	93251-15T95
47450-04128	47487-16132	47563-2289	49340-00144	93251-18T95
47451-04128	47489-16132	47564-1689	49342-01145	93251-21T95
47454-04129	47502-16134	47565-1057	49342-02145	93260-15T95
47454-07129	47504-18134	47566-1289	49342-03145	93260-18T95
47454-09129	47507-17134	47567-11.....89	49342-04145	93260-21T95
47454-12129	47507-18134	47568-0889	49342-05145	93261-15T95
47455-06129	47511-21.....135	47571-23140	49605-07146	93261-18T95
47458-04129	47513-21135	47572-23140	49605-10146	93261-21T95
47458-07129	47514-16135	47573-23140	49605-11.....146	93385-2112
47458-09129	47516-16135	47575-23140	49605-12146	93385-2512
47458-12129	47518-21135	49115-01.....141	49605-14146	93390-2112
47460-04129	47520-21136	49115-01CL.141	49605-16146	
47460-07129	47522-01137	49115-02.....141	49610-12147	
47460-12129	47522-04137	49115-02CL.141	49610-13147	
47461-00133	47522-05137	49117-11.....141	49610-16147	
47462-00133	47522-07137	49257-20122	49613-10148	
47463-10129	47522-09137	49274-09141	49615-12148	
47463-12129	47523-01134	49274-11.....141	49620-15148	

A

ACKERMANN Markierungsinstrument.....	5
ADSON, Arterienklemme.....	64
ADSON, Durahaken.....	85
ADSON, Pinzette.....	38-39
ADSON, Saugrohr.....	107
ADSON-BROWN, Pinzette.....	40
AGRIS-DINGMAN, Brustdissektor	81
ALM, Wundhaken.....	75
Anatomische Pinzette.....	36
ANDERSON, Hauthäkchen.....	79
ANDREW, Zungenspatel.....	141
Antrumraspel, WIENER.....	134
Arterienklemme, ADSON.....	64
Arterienklemme, COLLER-CRILE	61
Arterienklemme, CRILE	62
Arterienklemme, CRILE-RANKIN	62
Arterienklemme,	
HALSTED-MOSQUITO	60
Arterienklemme, HARTMANN	59
Arterienklemme, JACOBSON Micro	60
Arterienklemme, KELLY	61
Arterienklemme, KELLY-RANKIN	61
Arterienklemme, LERICHE.....	63
Arterienklemme,	
PROVIDENCE-HOSPITAL	61
Arterienklemme,	
ROCHESTER-OCHSNER.....	63
Arterienklemme,	
ROCHESTER-PEAN	63
ASCH, Septumrichtzange.....	140
Atrauma Pinzette, DeBAKEY	47-48,
.....	51
AUFRICHT, Nasenhaken.....	87
AUFRICHT, Nasenraspel.....	135

B

BABY OLSEN-HEGAR, Nadelhalter	93
BABY WEBSTER, Nadelhalter.....	91
BALLINGER, Schwingmesser.....	126
BALLINGER, Septumelevator.....	104
BARON, Saugrohr.....	107
BARRAQUER, Ciliengriffel	55
BARRAQUER, Nadelhalter	95
BARSKY, Hauthäkchen	71
BAUMGARTNER, Nadelhalter	92
BEASELEY BABCOCK, Pinzette	39
Beckenzirkel, COLLIER.....	5
BERKE, Muskelgriffel	55
BERRY, TC-Drahtzange	97

BEUSE, Face-Lift-Schere	31
BEYER, Hohlmeißelzange	98
BIGGS, Wundhaken	79
BISHOP-HARMAN, Irispinzette	53
BLAIR, Gaumenspalts-Elevator	106
Blepharoplastik Schere,	
GREENBERG-PAR	32
Blepharoplastik Schere, KAYE	32
BÖHLER, Hohlmeißelzange	98
BÖHLER, Knochensplitterzange	99
BOIES, Elevator	102
BONN, Schere	20
BONNEY, Pinzette	45
BREAST, Wundhaken	80
BROWN, Pinzette	41
BRUENINGS, Septumzange	119
Brustdissektor, AGRIS-DINGMAN	81
Brustdissektor,	
MacCOLLUM-DINGMAN	81
Brustdissektor, LOCKWOOD	82
Brustdissektor, REYNOLDS	
(Transauxillary)	81
Brustdissektor, SILVERSTEIN	82
Brustdissektor, TEBBETTS	81
Brustspatel	80
Bügel, McIVOR	144

C

CAPLAN, Nasenscheren	122
CASTROVIEJO, Meßinstrument	5
CASTROVIEJO, Meßzirkel	5
CASTROVIEJO, Mikro-Nadelhalter	96
CASTROVIEJO, Nahtgriffel	55
CHADWICK, Zahnfleischschere	26
Chalazionspinzette, DESMARRES	55
Chirurgische Pinzette	37
Ciliengriffel, BARRAQUER	55
CINELLI, Septummeißel	127
COLLER-CRILE, Arterienklemme	61
COLLIER, Beckenzirkel	5
COLLIN-DUVAL, Faßgriffel	42
Columella-Pinzette, COTTLER	57
CONVERSE, Nasenhaken	87,89
CONVERSE, Nasenmesser	125
CONVERSE/WILMER/WALTER,	
Schere	22
CORONAL, Wundhaken	84
COTTLER, Columella-Pinzette	57
COTTLER, Fixiergriffel	57
COTTLER, Hauthäkchen	88-89
COTTLER, Knorpelquetscher	133

D

Darmspatel, RIBBON	66
D'ASSUMPCAO,	
Markierungsinstrument	3
Daumenhäkchen, MILLARD	84
DAVIS-BOYLE, Mundsperrer	142
DAVIS-BOYLE, Zungenspatel	142
DAVIS-MEYER, Mundsperrer	144
DEAVER, Wundhaken	67-68
DeBAKEY, Atrauma Pinzette	49-51
DeBAKEY, Nadelhalter	92
Delphinzange für plastische	
Endoskopie	157
DERF, Nadelhalter	91
Dermatom, HUMBY	7
Dermatom, SCHINK	6
Dermatom, SILVER	7
Dermatom, WATSON	7
DESMARRES, Chalazionspinzette	55
DESMARRES, Wundhaken	73
DINGMANN, Elevator	150
DINGMANN, Mundsperrer	143

DINGMANN, Nasenraspel.....	138
DINGMANN, Raspator	150
DINGMANN, Sperrer	143
DINGMANN, Zungenspatel	143
Dissektor, GORNEY	102
Drahtbürste	138
Drahtzange TC, BERRY	97
Drahtzange TC,	
MAYO-HABERISSER.....	97
Durahaken, ADSON	85
DURANTE, Faßpinzette	45
DUVAL, Faßpinzette.....	42

E

Elevator, BALLENGER.....	104
Elevator, BOIES.....	102
Elevator, COTTE-JOSEPH....	103-104
Elevator, DINGMANN	150
Elevator, FREER	102
Elevator, HAJEK-BALLENGER	104
Elevator, HOWARTH	103
Elevator, JOSEPH	102
Elevator, KILLIAN	103-104
Elevator, MASING	102
Elevator, McKENTY	102-103
Elevator, OBWEGESER	149
Elevator, PENNINGTON.....	103
Elevator, PIERCE	103
Elevator, SINUS.....	103
Endo-Dissektor.....	77
Endo-Dissektor, LANGENBECK.....	77
Endo-Dissektor,	
MINI-LANGENBECK	77
Endoskop.....	152
Ersatzbacken f. Hammer.....	100
Ersatzklinge f. SCHINK Dermatom.....	6
Ersatzklingen f. Dermatome	7

F

Face-Lift-Schere, BEUSE.....	31
Face-Lift-Schere, GORNEY	30
Face-Lift-Schere,	
GORNEY-FREEMAN	30
Face-Lift-Schere, KAYE.....	31
Face-Lift-Schere, PECK-JOSEPH.....	31
Fadenpinzette, OCHSNER.....	45
Fadenschere, LITTAUER	28
Fadenschere, O'BRIEN	28
Fadenschere, SPENCER	28
FARABEU, Wundhaken.....	65
Faßpinzette, COLLIN-DUVAL.....	42

Faßpinzette, DURANTE	45
Faßpinzette, DUVAL.....	42
Faßpinzette, RUSS. MODELL.....	42
Faßzange f. plastische	
Endoskopie.....	157
Faßzange, MARYLAND	157
FERRIERA, Wundhaken	78
FERRIS-SMITH, Pinzette	42
Finger-Goniometer	2

FINSEN, Wundhaken	75
Fixierpinzette, COTTLE	57
Fixierpinzette, GREEN	56
Flachmeißel, MINI-LAMBOTTE	132
FOMON, Hauthäkchen.....	88
FOMON, Nasenraspel	136
FOMON, Nasenschere	27
FOMON, Raspator.....	101
FOMON, Septummeißel.....	127
FRAZIER, Hauthäkchen.....	70
FRAZIER/FERGUSSON,	
Saugrohr.....	108
FREEMAN,	
Markierungsinstrument.....	4

FREEMAN, Wundhaken.....	68, 84
FREER, Hauthäkchen	88
FREER, Mukosamesser	124
FREER, Septumelevator	102
FREER, Septumhohlmeißel	132
FREER, Septummeißel	128
FRIEDMANN, Hohlmeißelzange	98

G

Gaumenspalt-Elevator, BLAIR.....	106
Gaumenspalter, Raspatorium	105
Gaumenspalt-Messer, CRIONIN	105
Gefäßpinzette, STILLE-BARRAYA	45
GERALD, Pinzette	43-44
GERZOG, Hammer	100
Gewebefaßpinzette, SINGLEY	45
GILLIES, Hauthäkchen	89
GILLIES, Nadelhalter	94
GILLIES, Pinzetten	43
GLABELLA, Nasenraspel	134
GOLDMAN-FOX, Zahnfleischschere	29
Goniometer, Finger	2
GORNEY, Dissektor	102
GORNEY, Face-Lift-Schere	30
GORNEY Nasenscheren	122
GORNEY, Wundhaken	84
GORNEY-FREEMAN,	
Face-Lift-Schere	30

GRADLE, Schere	23
GRAEFE, Hauthäkchen	69
GRAEFE, Irispinzette	52
GRAEFE, Pinzette	41
GRAEFE, Schere	22
GREEN, Fixierpinzette	56
GREENBERG-PAR, Blepharoplastik	
Schere	32
GROSSMAN,	
Markierungsinstrument	4
GUILEN, Saugraspatorium	109
GUTHRIE, Hauthäkchen	69

H

HAJEK, Septumhohlmeißel	132
HAJEK-BALLENGER,	
Septumelevator	104
Hakenschere für plastische	
Endoskopie	156
HALPREN Markierungsinstrument	5
HALSEY, Nadelhalter	91
HALSTED-MOSQUITO,	
Arterienklemme	60
Hammer	100
Hammer, COTTLE	100
Hammer, GERZOG	100
Hammer, MEAD	100
Hammer, PARTSCH	100
Hammer, QUISLING	100
HARTMANN, Arterienklemme	59
HARTMANN, Nasenspekula	111
HARTMANN, Polypenzange	117
HARTMANN-HALLE,	
Nasenspekula	110
Hauthäckchen, FRAZIER	70
Hauthäkchen, ANDERSON	84
Hauthäkchen, BARSKY	71
Hauthäkchen, COTTLE	88-89
Hauthäkchen, COTTLE-NEIVERT	88
Hauthäkchen, FOMON	88
Hauthäkchen, FREER	88
Hauthäkchen, GILLIES	89
Hauthäkchen, GRAEFE	69
Hauthäkchen, GUTHRIE	69
Hauthäkchen, HUMBY	71
Hauthäkchen, JOSEPH	70
Hauthäkchen, KLEINERT-KUTZ	70
Hauthäkchen, REDA	72
Hauthäkchen, TYRELL	69
HEYMANN, Nasenschere	27

HEYMANN-KNIGHT, Polypenzange	KILLIAN, Septumelevator	103-104	Markierungsinstrument, ACKERMANN
.....118	KILLIAN-CLAUS,	5
Hohlmeißel, FREER	Septumhohlmeißel.....	132	Markierungsinstrument, D'ASSUMPCAO
.....132	KILNER, Nasenhaken.....	883
Hohlmeißel, HAJEK.....	KILNER, Präparierschere	19	Markierungsinstrument, FREEMAN
.....132	KILNER-DOUGHTY, Mundsperrer	143	4
Hohlmeißel, KILLIAN	KILNER-DOUGHTY, Zungenspatel	143	Markierungsinstrument, GROSSMAN
.....130	KLAPP, Wundhaken	72	4
Hohlmeißel, KILLIAN-CLAUS.....	KLEINERT-KUTZ, Hauthähkchen	70	Markierungsinstrument, HALPREN
.....132	KNAPP, Schere	21	5
Hohlmeißel, WEST	KNAPP, Tränensackhähkchen.....	86	Markierungsinstrument, LOCKWOOD
.....132	KNIGHT, Septumzange	118	3
Hohlmeißelzange, BEYER	Knochensplitterzange, BÖHLER	99	Markierungsinstrument, McKISSOCK
.....98	Knochensplitterzange,		5
Hohlmeißelzange, BÖHLER.....	COTTELE-KAZANJIAN	99	Markierungsinstrument, PITANGUY
.....98	Knochensplitterzange, McINDOE	99	3
Hohlmeißelzange, FRIEDMANN	Knorpelquetscher, COTTELE	133	MARTINEZ-KILNER, Wundhaken
.....98	Knorpelquetscher, JOST	133	89
HOLZHEIMER, Wundsperrer	Knorpelschere, McINDOE	29	MARYLAND, Faßzange
.....75	Knüpfpinzette, Mikro.....	47	für plastische Endoskopie.....
HOWARTH, Septumelevator	L		157
.....103	LA GRANGE, Zahnfleischschere	26	MASING, Elevator
HUMBY, Dermatom	LAHEY, Wundhähkchen	70	102
.....7	LANDOLT, Skalpellgriff	12	MASING-NEIVERT, Nasenhaken
HUMBY, Hauthähkchen	LANGE, Nasenflügelhähkchen	89	87
.....71	LANGENBECK, Endo-Dissektor	77	Maßstab, Metall
I	LANGENBECK, Raspator	101	2
IRIS, Schere	LERCHE, Pinzette	41	MAYO, Präparierschere
.....20	LERICHE, Arterienklemme	63	13
Irishäkchen, O'CONNOR.....	LEXER BABY, Präparierschere	15	MAYO-HABERISSER, TC-Drahtzange
.....86	LEXER, Präparierschere	1597
Irishäkchen, WIENER.....	Lidplatte, JAEGER.....	58	MAYO-HEGAR, Nadelhalter
.....86	Liposuction-Kanülen	159 -163	92
Irispinzette, BISHOP-HARMAN.....	LITTAUER, Fadenschere	28	MAYO-STILLE, Präparierschere
.....53	LITTLER, Schere	22	14
Irispinzette, GRAEFE	LOCKWOOD, Brustdissektor	82	McINDOE, Knochensplitterzange
.....52	LOCKWOOD, Markierungsinstrument	3	99
J	LUBET-BARBON, Nasentamponzange	117	McINDOE, Knorpelschere
JACKSON, Tracheahaken	LUC, Septumzange	119	29
.....90	LUCAE, Ohrpinzette	57	McINDOE, Pinzetten
JACOBSON Mikro, Arterienklemme	M		42
.....60	MacCOLLUM-DINGMAN, Brustdissensor	81	McIVOR, Mundsperrer
JAEGER, Lidplatte	MALINIAC, Nasenhaken	87	144
.....58	MALTZ (COTTELE), Nasenraspel	135	McIVOR, Bügel
JAMESON, Präparierschere	MALTZ, Nasenraspel	134	144
.....19	M		McKENTY, Septumelevator
JANSEN, Wundsperrer	MacCOLLUM-DINGMAN, Brustdissensor	81	102-103
.....75	MALINIAC, Nasenhaken	87	McKISSOCK,
JANSEN-GRUENWALD, Ohrpinzette	MALTZ (COTTELE), Nasenraspel	135	Markierungsinstrument
.....57	MALTZ, Nasenraspel	134	5
JENNINGS, Mundsperrer	M		MEAD, Hammer
.....141	MacCOLLUM-DINGMAN, Brustdissensor	81	100
J-Haken Elektrode, monopolar	MALINIAC, Nasenhaken	87	Meißel, CINELLI
.....158	MALTZ (COTTELE), Nasenraspel	135	127
JOSEPH (LEWIS), Nasenraspel	MALTZ, Nasenraspel	134	Meißel, FREER
.....135	M		128
JOSEPH, Hauthähkchen	MacCOLLUM-DINGMAN, Brustdissensor	81	Meißel, KILLIAN
.....70	MALINIAC, Nasenhaken	87	130
JOSEPH, Nasenmesser	MALTZ (COTTELE), Nasenraspel	135	Meißel, MINI-LAMBOTTE
.....124-125	MALTZ, Nasenraspel	134	132
JOSEPH, Nasenraspel	M		Meißel, SILVER
.....134	MacCOLLUM-DINGMAN, Brustdissensor	81	130
JOSEPH, Nasensäge	MALINIAC, Nasenhaken	87	Meßinstrument, CASTROVIEJO
.....138-139	MALTZ (COTTELE), Nasenraspel	135	5-6
JOSEPH, Präparierschere	MALTZ, Nasenraspel	134	Meßinstrument, COLLIER
.....18	M		5
JOSEPH, Raspator	MacCOLLUM-DINGMAN, Brustdissensor	81	Meßzirkel, CASTROVIEJO
.....101	MALINIAC, Nasenhaken	87	5
JOSEPH, Septumelevator	MALTZ (COTTELE), Nasenraspel	135	Metallmaßstab
.....102	MALTZ, Nasenraspel	134	2
JOST, Knorpelquetscher	M		METZENBAUM, Präparierschere
.....133	MacCOLLUM-DINGMAN, Brustdissensor	81	16-17
K	MALINIAC, Nasenhaken	87	METZENBAUM, Schere
KASDEN, Wundhaken	MALTZ (COTTELE), Nasenraspel	135	für plastische Endoskopie
.....73	MALTZ, Nasenraspel	134	156
KAYE, Blepharoplastik-Schere	M		METZENBAUM-FINO, Präparierschere
.....32	MacCOLLUM-DINGMAN, Brustdissensor	81	17
KAYE, Face-Lift-Schere	MALINIAC, Nasenhaken	87	MEYERDING, Wundhaken
.....31	MALTZ (COTTELE), Nasenraspel	135	74
KELLY, Arterienklemme	MALTZ, Nasenraspel	134	Micro HARTMANN, Arterienklemme
.....61	M	59
KELLY, Präparierschere	MacCOLLUM-DINGMAN, Brustdissensor	81	MICROVASCULAR, Nadelhalter
.....19	MALINIAC, Nasenhaken	87	93
KELLY-RANKIN, Arterieklemme	MALTZ (COTTELE), Nasenraspel	135	MIDDLETON-JANSEN, Septumzange
.....61	MALTZ, Nasenraspel	134	123
KILLIAN, Hohlmeißel	M		
.....130	MacCOLLUM-DINGMAN, Brustdissensor	81	
KILLIAN, Nasenspekula	MALINIAC, Nasenhaken	87	
.....113-114	MALTZ (COTTELE), Nasenraspel	135	
	MALTZ, Nasenraspel	134	

Mikro Knüpfpinzette.....	47
Mikro Nadelhalter, CASTROVIEJO	96
Mikro Pinzette.....	43
Mikro Ringpinzetten.....	48
Mikro Schere	33-35
MILLARD, Daumenhäkchen.....	84
MILLER, Wundhäkchen	86
MINI, Skalpellgriff	11
MINI, Skalpellklingen	11
MINI-LAMBOTTE, Flachmeißel.....	132
MINI-LANGENBECK, Endo-Dissektor	77
Mobilisierhaken, TESSIER	150
MOD. BONN, Nahtpinzette.....	54
MOD. WIEN, Nasenspekula	112
MOD.TUEBINGEN, Nahtpinzette.....	54
MOELTGEN, Winkelmesser	2
Monopolare J-Haken-Elektrode	158
Monopolare Spatel-Elektrode	158
Mukosamesser, FREER	124
Mundsperrr, DAVIS-BOYLE.....	142
Mundsperrr, DAVIS-MEYER.....	144
Mundsperrr, DINGMANN.....	143
Mundsperrr, JENNINGS	141
Mundsperrr, KILNER-DOUGHTY	143
Mundsperrr, McIVOR.....	144
Muskelpinzette, BERKE	55
MYLES, Nasenzange	121

N

Nadelhalter, BABY OLSEN-HEGAR.....	93
Nadelhalter, BABY WEBSTER	91
Nadelhalter, BARRAQUER.....	95
Nadelhalter, BAUMGARTNER	92
Nadelhalter, CRILE-WOOD	92
Nadelhalter, DeBAKEY	92
Nadelhalter, DERF	91
Nadelhalter, GILLIES.....	94
Nadelhalter, HALSEY	91
Nadelhalter, MAYO-HEGAR	92
Nadelhalter, MICROVASCULAR	93
Nadelhalter, Mikro, Titan.....	95
Nadelhalter, OLSEN-HEGAR	93
Nadelhalter, RYDER.....	93
Nadelhalter, WEBSTER.....	91
Nahtpinzette, CASTROVIEJO	55
Nahtpinzette, MOD. BONN.....	54
Nahtpinzette, MOD. TUEBINGEN	54
Nasenflügelhäkchen, LANGE.....	89
Nasenhaken, AUFRICHT	87
Nasenhaken, CONVERSE	87, 89

Nasenhaken, COTTLE	87
Nasenhaken, KILNER	88
Nasenhaken, MALINIAC	87
Nasenhaken, MASING-NEIVERT	87
Nasenmesser, CONVERSE	125
Nasenmesser, COTTLE	125
Nasenmesser, JOSEPH	124-125
Nasenraspel, AUFRICHT	135
Nasenraspel, DINGMAN	138
Nasenraspel, FOMON	136-137
Nasenraspel, GLABELLA	134
Nasenraspel, JOSEPH	134
Nasenraspel, JOSEPH (LEWIS)	135
Nasenraspel, MALTZ	134
Nasenraspel, MALTZ (COTTLE)	135
Nasenraspel, PARKES	134
Nasenraspel, PEET	134
Nasensäge, JOSEPH	138-139
Nasenschere, CAPLAN	122
Nasenschere, COTTLE	27
Nasenschere, COTTLE-MASING	27
Nasenschere, FOMON	27
Nasenschere, GORNEY	122
Nasenschere, HEYMANN	27
Nasenspekula, COTTLE.....	115-116
Nasenspekula, HARTMANN	111
Nasenspekula, HARTMANN-HALLE	110
Nasenspekula, KILLIAN	113-114
Nasenspekula, Mod. WIEN	112
Nasenspekula, REDA.....	112
Nasenspekula, TIECK-HALLE	112
Nasentamponzange, LUBET-BARBON	117
Nasentamponzange, WESTMACOTT	117
Nasenzange, MYLES	121
Nasenzange, SCHMEDEN	121
Nasenzange, TAKAHASHI	121
Nasenzange, WEIL-BLAKESLEY	120
NEIVERT-ANDERSON, Osteotom	130
Nervhaken	77
Nervhaken, CRILE	85
Nervhaken, CUSHING	85
NEWS, Trachealhaken	90

O

O'BRIEN, Fadenschere	28
OBWEGESER, Osteotom	131
OBWEGESER, Raspator	149
OBWEGESER, Wundhaken	146-148

Pinzette, GRAEFE	41, 52	Rasierklingen, unsteril	7	Schere, FOMON	27
Pinzette, GREEN	56	Raspator, DINGMANN	150	Schere, GOLDMAN-FOX	29
Pinzette, JANSEN-GRUENWALD	57	Raspator, FOMON	101	Schere, GORNEY	30
Pinzette, LERCHE	41	Raspator, JOSEPH	101	Schere, GORNEY-FREEMAN	30
Pinzette, LUCAE	57	Raspator, LANGENBECK	101	Schere, GRADLE	23
Pinzette, McINDOE	42	Raspator, OBWEGESER	149	Schere, GRAEFE	22
Pinzette, MOD. BONN	54	Raspator, WILLIGER	101	Schere, GREENBERG-PAR	32
Pinzette, MOD. TUEBINGEN	54	Raspatorium, Gaumenspalter	105	Schere, HEYMANN	27
Pinzette, OCHSNER	45	Raspel, AUFRICHT	135	Schere, IRIS	20
Pinzette, OEHLER	37	Raspel, DINGMAN	138	Schere, JAMESON	19
Pinzette, POTTS-SMITH	36	Raspel, FOMON	136-137	Schere, JOSEPH	18
Pinzette, RUSS. MODELL	42	Raspel, JOSEPH (LEWIS)	135	Schere, KAYE	31-32
Pinzette, SEMKEN	43	Raspel, MALTZ (COTTELE)	135	Schere, KELLY	19
Pinzette, SINGLEY	45	Raspel, PARKES	134	Schere, KILNER	19
Pinzette, STILLE	36-37	Raspel, PEET	134	Schere, KNAPP	21
Pinzette, STILLE-BARRAYA	45	Raspel, WIENER	134	Schere, LA GRANGE	26
Pinzette, TAYLOR	44	REDA, Hauthäckchen	72	Schere, LEXER	15
Pinzette, TROELTSCH	57	REDA, Nasenspekula	112	Schere, LEXER BABY	15
Pinzette, USA	36-37	REDA, Sichelmesser	125	Schere, LITTAUER	28
Pinzette, WAUGH	41	REYNOLDS, Präparierschere	19	Schere, LITTLE	22
Pinzette, WILDE (TROELTSCH)	57	REYNOLDS, (Transauxillary)		Schere, MAYO	13
PITANGUY, Markierungsinstrument	3	Brustdissektoren	81-82	Schere, MAYO-STILLE	14
Polypenztange, HARTMANN	117	RIBBON, Darmspatel	66	Schere, McINDOE	29
Polypenztange, HEYMANN-KNIGHT		Ringpinzette, Mikro	49	Schere, METZENBAUM	16-17
.....	118	ROCHESTER-OCHSNER,		Schere, METZENBAUM-FINO	17
POTTS-SMITH, Pinzette	36	Arterienklemme	63	Schere, Mikro	33-35
Präparierschere, JAMESON	19	ROCHESTER-PEAN,		Schere, O'BRIEN	28
Präparierschere, JOSEPH	18	Arterienklemme	63	Schere, Ophtalmologie	23
Präparierschere, KELLY	19	ROLLET, Tränensackhäckchen	86	Schere, PECK-JOSEPH	31
Präparierschere, KILNER	19	ROUX MINI, Wundhaken	65	Schere, RAGNELL	19
Präparierschere, LEXER	15	RUBIN, Osteotom	129	Schere, REYNOLDS	19
Präparierschere, LEXER BABY	15	RUBIN, Septumzange	122	Schere, SANVENERO	18
Präparierschere, MAYO	13	RUSS. MODELL, Faßpinzette	42	Schere, SPENCER	28
Präparierschere, MAYO-STILLE	14	RUSSEL-DAVIS, Zungenspatel	145	Schere, STEVENS	24
Präparierschere, METZENBAUM		RYDER, Nadelhalter	93	Schere, STRABISMUS	24
.....	16-17			Schere, WAGNER	25
Präparierschere,				SCHINK, Dermatom	6
METZENBAUM FINO	17			SCHMEDEN, Nasenzange	121
Präparierschere, RAGNELL	19			Schwingmesser, BALLENGER	126
Präparierschere, REYNOLDS	19			SCULPO Wundhaken mit Schaft	
Präparierschere, SANVENERO	18			f. Endoskopie	79
PROVIDENCE-HOSPITAL,				SEMKEN, Pinzetten	43
Arterienklemme	61			Septumelevator, BALLENGER	104
				Septumelevator, COTTELE	103-104
				Septumelevator,	
Q				COTTELE-JOSEPH	103
QUISLING, Hammer	100			Septumelevator, FREER	102
				Septumelevator,	
R				HAJEK-BALLENGER	104
RAGNELL, Präparierschere	19			Septumelevator, HOWARTH	103
RAGNELL, Wundhaken	65			Septumelevator, JOSEPH	102
RAMUS, Wundhaken	148				

Septumelevator, KILLIAN	103-104
Septumelevator, McKENTY.....	102-103
Septumelevator, PENNINGTON.....	103
Septumelevator, PIERCE	103
Septumelevator, SINUS.....	103
Septumhohlmeißel, FOMON	127
Septumhohlmeißel, FREER	132
Septumhohlmeißel, HAJEK	132
Septumhohlmeißel, KILLIAN-CLAUS	132
Septummeißel, CINELLI.....	127
Septummeißel, COTTL.....	129
Septummeißel, FREER	128
Septummeißel, SHEEHAN	127
Septummeißel, SILVER	130
Septumosteotom, COTTL	129
Septumrichtzange, ASCH.....	140
Septumrichtzange, WALSHAM	140
Septumzange, BRUENINGS	119
Septumzange, CRAIG	119
Septumzange, KNIGHT	118
Septumzange, LUC	119
Septumzange,	
MIDDLETON-JANSEN	123
Septumzange, RUBIN	122
Sichelmesser, REDA	125
Silikon-Schlauch	144
SILVER, Dermatom	7
SILVER, Septummeißel	130
SILVERSTEIN, Brustdissektor	82
SINGLEY, Gewebefaßpinzette	45
SINUS, Septumelevator	103
Skalpellgriff, LANDOLT.....	12
Skalpellgriff, Mini	11
Skalpellklingen, Mini	11
Spannplatte	6
Spatel	80
Spatel-Elektrode, monopolar	158
SPENCER, Fadenschere	28
Sperrer, DAVIS-BOYLE	142
Sperrer, DINGMANN	143
Sperrer, KILNER-DOUGHTY	143
SPINA-NASALIS, Wundhaken	148
Splitterpinzetten.....	46
Stahlhammer, COTTL	100
STEVENS, Schere	24
STILLE, Pinzette.....	36-37
STILLE-BARRAYA, Gefäßpinzette	45
STRABISMUS, Schere.....	24
STRANDELL-STILLE, Wundhaken	74

T	
TAKAHASHI, Nasenzange	121
Tamponzange, LUBET-BARBON	117
Tamponzange, WESTMACOTT	117
TAYLOR, Pinzette.....	44
TC-Drahtzange, BERRY.....	97
TC-Drahtzange,	
MAYO-HABERISSER.....	97
TC-Nasenraspel, FOMON	137
TC-Nasenraspel, MALTZ (COTTL)	135
TEBBETTS, Brustdissektor	81
TEBBETTS, Wundhaken	78
TESSIER, Mobilisierhaken	150
TESSIER, Osteotom.....	151
TIECK-HALLE, Nasenspekula.....	112
Titan Mikro Nadelhalter	95-96
Trachealhaken, JACKSON	90
Trachealhaken, NEWS	90
Tränensackhäkchen, KNAPP	86
Tränensackhäkchen, ROLLET	86
TROELTSCH, Ohrpinzette	57
TYRELL, Hauthäkchen.....	69
U	
Uhrmacherpinzette	46
USA, Pinzette	36-37
V	
VOLKMANN, Wundhaken	73
W	
WAGNER, Schere	25
WALSHAM, Septumrichtzange	140
WALTER/CONVERSE/WILMER,	
Schere	22
WATSON, Dermatom	7
WAUGH, Pinzette	41
WEBSTER, Nadelhalter	91
WEIL-BLAKESLEY, Nasenzange	120
WEITLANER, Wundsperrer	76
WEST, Hohlmeißel	132
WEST, Osteotom	132
WESTMACOTT,	
Nasentamponzange	117
WIEDER, Zungenspatel	141
WIENER, Antrumraspel	134
WIENER, Irishäkchen	86
WILDE (TROELTSCH), Ohrpinzette	57
WILLIGER, Raspator	101
WILMER/CONVERSE/WALTER,	
Schere	22
Winkelmesser, MOELTGEN	2
Wundhäkchen, BARSKY	71
Wundhäkchen, COTTL	88-89
Wundhäkchen, COTTL-NEIVERT	88
Wundhäkchen, FOMON	88
Wundhäkchen, FREER	88
Wundhäkchen, GILLIES	89
Wundhäkchen, HUMBY	71
Wundhäkchen, KNAPP	86
Wundhäkchen, LAHEY	70
Wundhäkchen, MILLER	86
Wundhäkchen, O'CONNOR	86
Wundhäkchen, ROLLET	86
Wundhäkchen, WIENER	86
Wundhaken	150
Wundhaken für plastische Chirurgie	78-81
Wundhaken mit Schaft f.	
Endoskopie, SCULPO	79
Wundhaken, ALM	75
Wundhaken, ANDERSON	84
Wundhaken, BIGGS	79
Wundhaken, BREAST	80
Wundhaken, CORONAL	84
Wundhaken, CRILE	65
Wundhaken, DEAVER	67-68
Wundhaken, DESMARRES	73
Wundhaken, FARABEUF	65
Wundhaken, FERRIERA	78
Wundhaken, FINSEN	75
Wundhaken, FREEMAN	68, 84
Wundhaken, GORNEY	84
Wundhaken, KASDEN	73
Wundhaken, KLAPP	72
Wundhaken, MARTINEZ-KILNER	89
Wundhaken, MEYERDING	74
Wundhaken, OBWEGESER	146-148
Wundhaken, RAGNELL	65
Wundhaken, RAMUS	148
Wundhaken, ROUX MINI	65
Wundhaken, SPINA-NASALIS	148
Wundhaken, STRANDELL-STILLE	74
Wundhaken, TEBBETTS	78
Wundhaken, VOLKMANN	73
Wundhaken, YANCOSKIE	83
Wundsperrer, HOLZHEIMER	75
Wundsperrer, JANSEN	75
Wundsperrer, WEITLANER	76

Y

YANCOSKIE, Wundhaken.....83

Z

Zahnfleischschere, CHADWICK.....26

Zahnfleischschere,
GOLDMAN-FOX.....29

Zahnfleischschere, LA GRANGE.....26

Zungenspatel, ANDREW141

Zungenspatel, DAVIS-BOYLE142

Zungenspatel, DINGMANN143

Zungenspatel, KILNER-DOUGHTY...143

Zungenspatel, McIVOR144

Zungenspatel, RUSSEL-DAVIS.....145

Zungenspatel, WIEDER141

A

ACKERMANN marker	5
ADSON, dressing forceps	38
ADSON, forceps	64
ADSON, hook	85
ADSON, suction tube	107
ADSON, tissue forceps	38-39
ADSON-BROWN, tissue forceps	40
ADSON-DeBAKEY, dressing forceps	38
AGRIS-DINGMAN, dissector	81
ALM, retractor	75
ANDERSON, retractor	84
ANDREW, tongue depressor	141
ASCH, septum straightening forceps	140
Atrauma forceps, DeBAKEY	49-51
AUFRICHT, nasal rasp	135
AUFRICHT, retractor	87

B

BABY OLSEN-HEGAR, needle holder	93
BALLINGER, elevator	104
BALLINGER, knife	126
BARON, suction tube	107
BARRAQUER, cilia forceps	55
BARRAQUER, needle holder	95
BARSKY, retractor	71
BAUMGARTNER, needle holder	92
BEASELEY BABCOCK, Tissue forceps	39
BERKE, muscle forceps	55
BERRY, wire twisting forceps	97
BEUSE, scissors	31
BEYER, rongeur	98
BIGGS, retractor	79
BISHOP-HARMAN, iris forceps	53
BLAIR, lip and cleft palate Instrument	106
BÖHLER, bone cutting forceps	99
BÖHLER, rongeur	98
BOIES, elevator	102
Bone cutting forceps, BÖHLER	99
Bone cutting forceps, COTTLE-KAZANJIAN	99
Bone cutting forceps, MC INDOE	99
BONN, scissors	20
BONNEY, tissue forceps	45
Breast Dissectors, LOCKWOOD	82

Breast Dissector, REYNOLDS (Transauxillary)	81
BREAST, retractor	80
Breast, spatula	80
BROWN, tissue forceps	41
BRUENINGS, septum forceps	119

C

Caliper, CASTROVIEJO	5
CAPLAN, nasal cutting scissors	122
Cartilage crusher, COTTLER	133
Cartilage crusher, JOST	133

CASTROVIEJO, caliper	5
CASTROVIEJO, needle holder	96
CASTROVIEJO, suture forceps	55

CHADWICK, scissors	26
Chalazion forceps, DESMARRES	55
Chisel, CINELLI	127

Chisel, COTTLER	129
Chisel, FREER	128
Chisel, SHEEHAN	127

Chisel, WEST	132
Cilia forceps, BARRAQUER	55
COLLER-CRILE, forceps	61

COLLIER, pelvimeter	5
COLLIN-DUVAL, tissue forceps	42
Columella forceps, COTTLER	57

CONVERSE, knife	125
CONVERSE, retractor	87
CONVERSE, retractor	89

CONVERSE/WILMER/WALTER, Scissors	22
CORONAL, retractor	84
COTTLER JOSEPH, elevator	103

COTTLER, cartilage crusher	133
COTTLER, chisel	129
COTTLER, columella forceps	57

COTTLER, ear forceps	57
COTTLER, elevator	103-104
COTTLER, knife	125

COTTLER, mallet	100
COTTLER, nasal specula	115-116
COTTLER, osteotome	129

COTTLER, retractor	87-89
COTTLER, scissors	22, 27
COTTLER-KAZANJIAN, Bone Cutting forceps	99

COTTLER-MASING, scissors	27
COTTLER-NEIVERT, retractor	88
CRAIG, septum forceps	119

CRILE, forceps	62
CRILE, hook	85
CRILE, retractor	65

CRILE-RANKIN, forceps	62
CRILE-WOOD, needle holder	92
CRONIN, lip and cleft palate instrument	105

CUSHING, hook	85
CUSHING, tissue forceps	41
CUSHING-TAYLOR, Dressing Forceps	44

D

D'ASSUMPCAO, facelift marker	3
------------------------------------	---

DAVIS-BOYLE, mouth gag	142
------------------------------	-----

DAVIS-MEYER, mouth gag	144
------------------------------	-----

DEAVER, retractor	67-68
-------------------------	-------

DeBAKEY, atrauma forceps	49-51
--------------------------------	-------

DeBAKEY, needle holder	92
------------------------------	----

DERF, needle holder	91
---------------------------	----

Dermatome, HUMBY	7
------------------------	---

Dermatome, SCHINK	6
-------------------------	---

Dermatome, SILVER	7
-------------------------	---

Dermatome, WATSON	7
-------------------------	---

DESMARRES, chalazion forceps	55
------------------------------------	----

DESMARRES, retractor	73
----------------------------	----

DINGMAN, nasal rasp	138
---------------------------	-----

DINGMANN, elevator	150
--------------------------	-----

DINGMANN, mouth gag	143
---------------------------	-----

Dissector, AGRIS-DINGMAN	81
--------------------------------	----

Dissector, GORNEY	102
-------------------------	-----

Dissector, LANGENBECK	77
-----------------------------	----

Dissector, LANGENBECK-COTTLER	77
-------------------------------------	----

Dissector, MacCOLLUM-DINGMAN	81
------------------------------------	----

Dissector, MINI-LANGENBECK	77
----------------------------------	----

Dissector, SILVERSTEIN	82
------------------------------	----

Dissector, TEBBETTS	81
---------------------------	----

DOLPHIN, endoscopic grasper	157
-----------------------------------	-----

Dressing forceps, ADSON	38
-------------------------------	----

Dressing forceps, ADSON-DeBAKEY	38
---------------------------------------	----

Dressing forceps, CUSHING-TAYLOR	44
--	----

Dressing forceps, GERALD	43-44
--------------------------------	-------

Dressing forceps, McINDOE	42
---------------------------------	----

Dressing forceps, OCHSNER	45
---------------------------------	----

Dressing forceps, POTTS-SMITH	36
-------------------------------------	----

Dressing forceps, SEMKEN	43
--------------------------------	----

Dressing forceps, SINGLEY	45
---------------------------------	----

Dressing forceps, STILLE	36
--------------------------------	----

Dressing forceps, TAYLOR.....	44
Dressing forceps, USA.....	36
Dressing, forceps.....	36-43
DURANTE, tissue forceps.....	45
DUVAL, tissue forceps.....	42

E

Ear forceps, COTTE.....	57
Ear forceps, JANSEN-GRUENWALD.....	57
Ear forceps, LUCAE.....	57
Ear forceps, TROELTSCH.....	57
Ear forceps, WILDE (TROELTSCH).....	57
Ear polypus forceps, HARTMANN	117
Elevator, BALLENGER.....	104
Elevator, BOIES.....	102
Elevator, COTTE.....	103-104
Elevator, COTTE JOSEPH.....	103
Elevator, DINGMANN.....	150
Elevator, FREER.....	102
Elevator, HAJEK-BALLENGER.....	104
Elevator, HOWARTH.....	103
Elevator, JOSEPH.....	102
Elevator, KILLIAN.....	103-104
Elevator, LANGENBECK.....	101
Elevator, MASING.....	102
Elevator, McKENTY.....	102-103
Elevator, OBWEGESER.....	149
Elevator, PENNINGTON.....	103
Elevator, PIERCE.....	103
Elevator, WILLIGER.....	101
Endoscope shaft, plastic surgery.....	80,
.....	153-155
Endoscope, plastic surgery	153
Endoscopic grasper, DOLPHIN.....	157
Endoscopic grasper, MARYLAND	157
Endoscopic scissors, METZENBAUM	156
Endoscopic, heavy grasper	157
Endoscopic, hook scissors	156

F

Facelift marker, D'ASSUMPCAO.....	3
Facelift marker, LOCKWOOD.....	3
Facelift marker, PITANGUY.....	3
FARABEU, retractor.....	65
FERRIERA, retractor	78
FERRIS-SMITH, tissue forceps.....	42
Finger, goniometer.....	2

FINSEN, retractor	75
Fixation forceps, GREEN	56
FOMON septum chisels	127
FOMON, nasal rasp.....	136-137
FOMON, nasal rasp.....	137
FOMON, raspatory	101
FOMON, retractor	88
FOMON, scissors	27
Forceps, ADSON	64
Forceps, COLLER-CRILE	61
Forceps, CRILE	62
Forceps, CRILE-RANKIN	62
Forceps, dressing	36-43
Forceps, HALSTED-MOSQUITO	60
Forceps, HARTMANN	59
Forceps, KELLY	61
Forceps, KELLY-RANKIN	61
Forceps, LERICHE	63
Forceps, micro ring	48
Forceps, micro suture tying	47
Forceps, MICRO-HARTMANN	59
Forceps, PROVIDENCE-HOSPITAL	61
Forceps, ROCHESTER-OCHSNER	63
Forceps, ROCHESTER-PEAN	63
Forceps, splinter	46
Forceps, tissue	36-37
FRAZIER/FERGUSSON, suction tube	108
FREEMAN, marker	4
FREEMAN, retractor	68, 84
FREER, elevator	102
FREER, gouge	132
FREER, knife	124
FREER, retractor	88
FREER, rhinoplastic chisels	128
FRIEDMANN MINI, rongeur	98
FRIEDMANN, rongeur	98

G

GERALD, dressing forceps	43-44
GERALD, tissue forceps	44
GERZOG, mallet	100
GILLIES, needle holder	94
GILLIES, retractor	89
GILLIES, tissue forceps	43
GLABELLA, nasal rasp	134
GOLDMAN-FOX, scissors	29
Goniometer, finger	2
Goniometer, MOELTGEN	2

GORNEY, dissector	102
GORNEY nasal cutting scissors	122
GORNEY, retractor	84
GORNEY, scissors	30, 122
GORNEY-FREEMAN, scissors	30
Gouge, FREER	132
Gouge, HAJEK	132
Gouge, KILLIAN	130
Gouge, KILLIAN-KLAUS	132
Gouge, WEST	132
GRADLE, scissors	23
GRAEFE, iris forceps	52
GRAEFE, retractor	69
GRAEFE, scissors	22
GRAEFE, tissue forceps	41
GREEN, fixation forceps	56
GREENBERG-PAR, scissors	32
GROSSMAN, marker	4
GUILEN, suction tube	109
GUTHRIE, retractor	69

H

HAJEK, gouge	132
HAJEK-BALLENGER, elevator	104
HALPREN marker	5
HALSEY, needle holder	91
HALSTED-MOSQUITO, forceps	60
Handles, scalpel	8-12
HARTMANN, ear polypus forceps	117
HARTMANN, forceps	59
HARTMANN, nasal specula	111
HARTMANN-HALLE, nasal specula	110
Heavy grasper, endoscopic	157
HEYMAN, scissors	27
HEYMANN-KNIGHT, nasal forceps	118
HOLZHEIMER, retractor	75
Hook scissors, endoscopic	156
Hook, ADSON	85
Hook, CRILE	85
Hook, CUSHING	85
Hook, JACKSON	90
Hook, nerve	77
Hook, NEWS	90
Hook, thimble, MILLARD	84
HOWARTH, elevator	103
HUMBY, dermatome	7
HUMBY, retractor	71

I

- Iris forceps, BISHOP-HARMAN.....53
 Iris forceps, GRAEFE52
 IRIS, scissors.....20

J

- JACKSON, hook90
 JAEGER, lid plate58
 JANSEN, retractor75
 JANSEN-GRUENWALD, ear forceps57
 JENNINGS, tongue depressor141
 J-Hook electrode, monopolar158
 JOSEPH (LEWIS), nasal rasp135
 JOSEPH, elevator102
 JOSEPH, knife124-125
 JOSEPH, nasal rasp134
 JOSEPH, nasal saw138-139
 JOSEPH, respiratory101
 JOSEPH, retractor70
 JOSEPH, scissors18
 JOST, cartilage crusher133

K

- KASDAN, retractor73
 KAYE, scissors21, 32
 KELLY, forceps61
 KELLY, scissors19
 KELLY-RANKIN, forceps61
 KILLIAN, elevator103-104
 KILLIAN, gouge130
 KILLIAN, nasal specula113-114
 KILLIAN-KLAUS, gouge132
 KILNER, retractor88
 KILNER, scissors19
 KILNER-DOUGHTY, mouth gag143
 KLAPP, retractor72
 KLEINERT-KUTZ, retractor70
 KNAPP, retractor86
 KNAPP, scissors21
 Knife, BALLENGER126
 Knife, CONVERSE125
 Knife, COTTE125
 Knife, FREER124
 Knife, JOSEPH124-125
 Knife, REDA125
 KNIGHT, nasal forceps118

L

- LA GRANGE, scissors26

- LAHEY, retractor70
 LANGE, retractor89
 LANGENBECK, dissector77
 LANGENBECK, elevator101
 LANGENBECK-COTTE, dissector77
 LERCHE, tissue forceps41
 LERICHE, forceps63
 LEXER, scissors15
 LEXER-BABY, scissors15
 Liposuction cannulas159-163
 Lid plate, JAEGER58
 Lip and cleft palate instrument105
 Lip and cleft palate instrument, BLAIR106
 Lip and cleft palate instrument, CRONIN105
 LITTAUER, scissors28
 LITTLER, scissors22
 LOCKWOOD, Breast Dissector82
 LOCKWOOD, facelift marker3
 LUBET-BARBON, nasal forceps117
 LUC, septum forceps119
 LUCAE, ear forceps57

M

- MacCOLLUM-DINGMAN, dissector81
 MALINIAC, retractor87
 Mallet, COTTE100
 Mallet, GERZOG100
 Mallet, MEAD100
 Mallet, nylon cap100
 Mallet, PARTSCH100
 Mallet, QUISLING100
 MALTZ (COTTE), nasal rasp135
 MALTZ, nasal rasp134
 Marker, ACKERMANN5
 Marker, FREEMAN4
 Marker, GROSSMAN4
 Marker, HALPREN5
 Marker, MCKISOCK5
 MARYLAND, endoscopic grasper157
 MASING, elevator102
 MASING-NEIVERT, retractor87
 MAYO, scissors13
 MAYO-HABERISSER, wire twisting forceps97
 MAYO-HEGAR, needle holder92
 MAYO-STILLE, scissors14
 MC INDOE, bone cutting forceps99

N

- Nasal cutting scissors, CAPLAN122
 Nasal cutting scissors, GORNEY122
 Nasal cutting forceps, MYLES121
 Nasal cutting forceps, SCHMEDEN121
 Nasal cutting forceps, TAKAHASHI121
 Nasal cutting forceps, WEIL-BLALESLEY120
 Nasal forceps, HEYMANN-KNIGHT118
 Nasal forceps, KNIGHT118
 Nasal forceps, LUBET-BARBON117

Nasal forceps, WESTMACOTT	117	OEHLER, tissue forceps.....	37	Retractor, CONVERSE.....	87
Nasal rasp, AUFRICHT	135	OLSEN-HEGAR, needle holder.....	93	Retractor, CONVERSE.....	89
Nasal rasp, DINGMAN	138	Osteotome, CINELLI	127	Retractor, CORONAL	84
Nasal rasp, FOMON	136-137	Osteotome, COTTE.....	129	Retractor, COTTE.....	87-89
Nasal rasp, FOMON	137	Osteotome, FOMON.....	127	Retractor, COTTE-NEIVERT	88
Nasal rasp, GLABELLA	134	Osteotome, MINI-LAMBOTTE	132	Retractor, CRILE	65
Nasal rasp, JOSEPH.....	134	Osteotome, NEIVERT-ANDERSON	130	Retractor, DEAVER	67-68
Nasal rasp, JOSEPH (LEWIS)	135	Osteotome, OBWEGESER	131	Retractor, DESMARRES	73
Nasal rasp, MALTZ	134	Osteotome, RUBIN.....	129	Retractor, FARABEUF	65
Nasal rasp, MALTZ (COTTE)	135	Osteotome, SHEEHAN.....	127	Retractor, FERRIERA	78
Nasal rasp, PARKES	134	Osteotome, SILVER	130	Retractor, FINSEN	75
Nasal rasp, PEET	134	Osteotome, TESSIER.....	151	Retractor, FOMON	88
Nasal rasp, WIENER	134			Retractor, FREEMAN	68, 84
Nasal rasp, wire brush	138			Retractor, FREER	88
Nasal saw, JOSEPH.....	138-139			Retractor, GILLIES	89
Nasal specula, COTTE	115-116	PARKES, nasal rasp.....	134	Retractor, GORNEY	84
Nasal specula, HARTMANN	111	PARTSCH, mallet	100	Retractor, GRAEFE	69
Nasal specula, HARTMANN-HALLE	110	PECK-JOSEPH, scissors	31	Retractor, GUTHRIE	69
Nasal specula, KILLIAN	113-114	PEET, nasal rasp	134	Retractor, HOLZHEIMER	75
Nasal specula, Mod. WIEN	112	Pelvimeter, COLLIER	5	Retractor, HUMBY	71
Nasal specula, REDA	112	PENNINGTON, elevator	103	Retractor, JANSEN	75
Nasal specula, TIECK-HALLE	112	PIERCE, elevator	103	Retractor, JOSEPH	70
Needle holder, BABY		PITANGUY, facelift marker	3	Retractor, KASDAN	73
OLSEN-HEGAR	93	Plastic surgery, endoscope	153	Retractor, KILNER	88
Needle holder, BARRAQUER	95	Plastic surgery, Endoscope Shaft	153-155	Retractor, KLAPP	72
Needle holder, BAUMGARTNER	92	POTTS-SMITH, dressing forceps	36	Retractor, KLEINERT-KUTZ	70
Needle holder, CASTROVIEJO	96	POTTS-SMITH, tissue forceps	36	Retractor, KNAPP	86
Needle holder, CRILE-WOOD	92	Probe, SINUS	103	Retractor, LAHEY	70
Needle holder, DeBAKEY	92	PROVIDENCE-HOSPITAL, forceps	61	Retractor, LANGE	89
Needle holder, DERF	91			Retractor, MALINIAC	87
Needle holder, GILLIES	94			Retractor, MASING-NEIVERT	87
Needle holder, HALSEY	91	Q		Retractor, MEYERDING	74
Needle holder, MAYO-HEGAR	92	QUISLING, mallet	100	Retractor, MILLER	86
Needle holder, MICROVASCULAR	93			Retractor, OBWEGESER	146-148
Needle holder, OLSEN-HEGAR	93	R		Retractor, O'CONNOR	86
Needle holder, RYDER	93	RAGNELL, retractor	65	Retractor, RAGNELL	65
Needle holder, WEBSTER	91	RAMUS, retractor	148	Retractor, RAMUS	148
NEIVERT-ANDERSON, osteotome	130	Raspatory, FOMON	101	Retractor, REDA	72
Nerve, hook	77	Raspatory, JOSEPH	101	Retractor, RIBBON	66
NEWS, hook	90	Raspatory, TESSIER	150	Retractor, ROLLET	86
Nylon cap, mallet	100	REDA, knife	125	Retractor, ROUX	65
O		REDA, nasal specula	112	Retractor, SPINA-NASALIS	148
O'BRIEN, scissors	28	REDA, retractor	72	Retractor, STRANDELL-STILLE	74
OBWEGESER, elevator	149	Retractor with Endoscope Shaft, SCULPO	79	Retractor, TEBBETS	78
OBWEGESER, osteotome	131	Retractor, ALM	75	Retractor, TYRELL	69
OBWEGESER, retractor	146-148	Retractor, ANDERSON	84	Retractor, VOLKMANN	73
OCHSNER, dressing forceps	45	Retractor, AUFRICHT	87	Retractor, WEITLANER	76
O'CONNOR, retractor	86	Retractor, BARSKY	71	Retractor, WIENER	86
		Retractor, BIGGS	79	Retractor, YANCOSKIE	83
		Retractor, BREAST	80	Retractors for plastic surgery	78-81
				REYNOLDS, scissors	19

REYNOLDS (Transauxillary),	
Breast Dissectors	81-82
RIBBON, retractor	66
ROCHESTER-OCHSNER, forceps	63
ROCHESTER-PEAN, forceps	63
ROLLET, retractor.....	86
Rongeur, BEYER.....	98
Rongeur, BÖHLER	98
Rongeur, FRIEDMANN.....	98
Rongeur, FRIEDMANN MINI	98
ROUX, retractor	65
RUBIN, osteotome.....	129
RUBIN, septum forceps.....	122
Ruler, metal	2
RUSSEL-DAVIS , tongue depressor	
.....	145
RUSSIAN PATTERN, tissue forceps	
.....	42
RYDER, needle holder	93

S

SANVENERO, scissors	18
Scalpel, handles	8-12
SCHINK, dermatome.....	6
SCHMEDEN, nasal cutting forceps	
.....	121
Scissors, BEUSE	31
Scissors, BONN.....	20
Scissors, CHADWICK	26
Scissors, CONVERSE/WILMER/	
WALTER.....	22
Scissors, COTTL.....	22, 27
Scissors, COTTL-MASING	27
Scissors, FOMON.....	27
Scissors, GOLDMAN-FOX	29
Scissors, GORNEY	30, 122
Scissors, GORNEY-FREEMAN	30
Scissors, GRADLE	23
Scissors, GRAEFE	22
Scissors, GREENBERG-PAR.....	32
Scissors, HEYMAN.....	27
Scissors, IRIS	20
Scissors, JOSEPH	18
Scissors, KAYE	33-32
Scissors, KELLY	19
Scissors, KILNER	19
Scissors, KNAPP	21
Scissors, LA GRANGE	26
Scissors, LEXER	15
Scissors, LEXER-BABY	15
Scissors, LITTAUER.....	28

Scissors, LITTLER.....	22
Scissors, MAYO.....	13
Scissors, MAYO-STILLE	14
Scissors, MC INDOE	29
Scissors, METZENBAUM	16-17
Scissors, METZENBAUM-FINO	17
Scissors, micro	33-35
Scissors, O'BRIEN	28
Scissors, PECK-JOSEPH	31
Scissors, REYNOLDS	19
Scissors, SANVENERO	18
Scissors, SPENCER.....	28
Scissors, STEVENS	24
Scissors, STRABISMUS.....	24
Scissors, WAGNER	25
Scissors, WILMER/CONVERSE	22
SCULPO retractor with	
Endoscope shaft.....	79
SEMKEN, dressing forceps	43
SEMKEN, tissue forceps	43
septum chisels, CINELLI	127
septum chisels, FOMON	127
Septum forceps, BRUENINGS	119
Septum forceps, CRAIG	119
Septum forceps, LUC	119
Septum forceps,	
MIDDLETON-JANSEN	123
Septum forceps, RUBIN	122
Septum straightening forceps, ASCH	
.....	140
Septum straightening forceps,	
WALSHAM	140
SHEEHAN, Osteotom	127
SILVER, dermatome	7
SILVER, osteotome	130
SILVERSTEIN, dissector	82
SINGLEY, dressing forceps	45
SINUS, probe	103
Skin plate for dermatomes	6
Spare blades for dermatomes	6-7
Spatula electrode, monopolar	158
Spatula, breast	80
SPENCER, scissors	28
SPINA-NASALIS, retractor	148
Splinter, forceps	46
STEVENS, scissors	24
STILLE, dressing forceps	36
STILLE, tissue forceps	37
STILLE-BARRAYA, tissue forceps	45
STRABISMUS, scissors	24
STRANDELL-STILLE, retractor	74
Suction tube, ADSON	107
Suction tube, BARON	107
Suction tube,	
FRAZIER/FERGUSSON	108
Suction tube, GUILEN	109
Suture forceps, CASTROVIEJO	55
Suture forceps, MOD. BONN	54
Suture forceps, MOD. TUEBINGEN	54

T

TAKAHASHI, nasal cutting	
forceps	121
TAYLOR, dressing forceps	44
TAYLOR, tissue forceps	44
TEBBETS, retractor	78
TEBBETTS, dissector	81
TESSIER, osteotome	151
TESSIER, raspatory	150
TIECK-HALLE, nasal specula	112
Tissue forceps, ADSON	38-39
Tissue forceps, ADSON-BROWN	40
Tissue forceps,	
BEASELEY BABCOCK	39
Tissue forceps, BONNEY	45
Tissue forceps, BROWN	41
Tissue forceps, COLLIN-DUVAL	42
Tissue forceps, CUSHING	41
Tissue forceps, DURANTE	45
Tissue forceps, DUVAL	42
Tissue forceps, FERRIS-SMITH	42
Tissue forceps, GERALD	44
Tissue forceps, GILLIES	43
Tissue forceps, GRAEFE	41
Tissue forceps, LERCHE	41
Tissue forceps, McINDOE	42
Tissue forceps, OEHLER	37
Tissue forceps, POTTS-SMITH	36
Tissue forceps, RUSSIAN PATTERN	
.....	42
Tissue forceps, SEMKEN	43
Tissue forceps, STILLE	37
Tissue forceps, STILLE-BARRAYA	45
Tissue forceps, TAYLOR	44
Tissue forceps, USA	37
Tissue forceps, WAUGH	41
Tissue forceps	36-37
Tongue depressor, ANDREW	141
Tongue depressor, JENNINGS	141
Tongue depressor, RUSSEL-DAVIS	
.....	145
Tongue depressor, WIEDER	141

TROELTSCH, ear forceps 57
TYRELL, retractor 69

U

USA, dressing forceps 36
USA, tissue forceps 37

V

VOLKMANN, retractor 73

W

WAGNER, scissors 25
WALSHAM, septum straightening
forceps 140
WALTER/CONVERSE/WILMER,
scissors 22
WATSON, dermatome 7
WAUGH, tissue forceps 41
WEBSTER, needle holder 91
WEIL-BLAKESLEY, Nasal Cutting
forceps 120
WEITLANER, retractor 76
WEST, chisel 132
WEST, gouge 132
WESTMACOTT, nasal forceps 117
WIEDER, tongue depressor 141
WIENER, nasal rasp 134
WIENER, retractor 86
WILDE (TROELTSCH), ear forceps 57
WILLIGER, elevator 101
WILMER/CONVERSE/WALTER,
scissors 22
Wire brush, nasal rasp 138
Wire twisting forceps, BERRY 97
Wire twisting forceps,
MAYO-HABERISSE 97

Y

YANCOSKIE, retractor 83

A

- Abre-boca DAVIS-BOYLE 142
 Abre-boca DAVIS-MEYER 144
 Abre-boca DINGMANN 143
 Abre-boca JENNINGS 141
 Abre-boca KILNER-DOUGHTY 143
 Abre-boca McIVOR 144
 ACKERMANN marcador para aréola 5
 ADSON gancho para duramadre 85
 ADSON micro pinza
de disección 38-39
 ADSON pinza de disección 38-39
 ADSON pinza hemostática 64
 ADSON tubo de aspiración 107
 ADSON-BROWN pinza
de disección 40
 ADSON-DeBAKEY pinza de
disección 38
 AGRIS-DINGMAN separador
mamario 81
 ALM separador 75
 ANDERSON separador 84
 ANDREW baja-lengua 141
 ASCH pinza para enderezar el
tabique nasal 140
 AUFRICHT escofina nasal 135
 AUFRICHT separador nasal 87

B

- BABY OLSEN-HEGAR porta aguja 93
 Baja-lengua ANDREW 141
 Baja-lengua McIVOR 144
 Baja-lengua RUSSEL-DAVIS 145
 Baja-lengua WIEDER 141
 BALLENGER cuchillo para el
tabique nasal 126
 BALLENGER elevador para
tabique 104
 BARON tubo de aspiración 107
 BARRAQUER micro porta aguja 95
 BARRAQUER pinza depilatoria 55
 BARSKY separador 71
 BAUMGARTNER porta aguja 92
 BEASELEY BABCOCK pinza de
disección 39
 BERKE pinza muscular 55
 BERRY pinza para torcer hilos 97
 BEUSE Face Lift tijera 31
 BEYER pinza gubia 98
 BIGGS separador 79
 BISHOP-HARMAN pinza para iris 53

- BLAIR instrumento para
labios y fisura palatina 106
 BÖHLER pinza gubia 98-99
 BOIES elevador 102
 BONN Mod. pinza para sutura 54
 BONN tijera fina 20
 BONNEY pinza de disección 45
 BREAST separador 81
 BROWN pinza de disección 41
 BRUENINGGS pinza para
el tabique nasal 119

C

- Camisa para cirugía plástica
..... 80, 153-155
 Cánulas de liposucción 159-163
 CAPLAN tijera nasale 122
 CASTROVIEJO compas 5
 CASTROVIEJO micro porta aguja 96
 CASTROVIEJO pinza para sutura 55
 Cepillo de alambre 138
 CHADWICK tijera fina 26
 Cincel CINELLI 127
 Cincel COTTE 129
 Cincel nasal FOMON 127
 Cincel nasal FREER 128
 Cincel nasal SHEEHAN 127
 Cincel SILVER 130
 COLLER-CRILE pinza hemostática 61
 COLLIER pelvímetro 5
 COLLIN-DUVAL pinza de
disección 42
 Compas CASTROVIEJO 5
 CONVERSE cuchillo nasal 125
 CONVERSE separador 89
 CONVERSE separador nasal 89
 CONVERSE/WILMER/WALTER
tijera fina 22
 CORONAL separador 84
 COTTE cincel 129
 COTTE cuchillo nasal 125
 COTTE elevador para tabique 104
 COTTE escofina nasal 135
 COTTE especulo nasal 115-116
 COTTE JOSEPH elevador 103
 COTTE legra 104
 COTTE macha cadera 133
 COTTE martillo 100
 COTTE osteotomo 129
 COTTE pinza para columela 57
 COTTE pinza para fijación 57

D

- D'ASSUMPACO instrumento para
marcar 3
 DAVIS-BOYLE abre-boca 142
 DAVIS-MEYER abre-boca 144
 DEAVER separador 67-68
 DeBAKEY pinza atraumática 51
 DeBAKEY porta aguja 92
 DERF porta aguja 91
 Dermatomo HUMBY 7
 Dermatomo SCHINK 6
 Dermatomo SILVER 7
 Dermatomo WATSON 7
 DESMARRES pinza para chalazion 55
 DESMARRES separador 73
 DINGMAN elevador 150
 DINGMAN escofina nasal 138
 DINGMAN legra 150
 DINGMANN abre-boca 143
 Disector GORNEY 102
 Disector LANGENBECK 77
 Disector LANGENBECK-COTTE 77

Disector MINI-LANGENBECK 77
 DURANTE pinza de disección 45
 DUVAL pinza de disección 42

E

Elevador BOIES 102
 Elevador COTTLÉ JOSEPH 103
 Elevador DINGMAN 150
 Elevador FREER 102
 Elevador HOWARTH 103
 Elevador JOSEPH 102-103
 Elevador KILLIAN 103-104
 Elevador MASING 102
 Elevador McKENTY 102-103
 Elevador para tabique
 BALLENGER 104
 Elevador para tabique COTTLÉ 104
 Elevador para tabique
 HAJEK-BALLINGER 104
 Elevador PENNINGTON 103
 Elevador PIERCE 103
 Elevador SINUS 103
 Escofina nasal AUFRICHT 135
 Escofina nasal COTTLÉ 135
 Escofina nasal DINGMAN 138
 Escofina nasal FOMON 136-137
 Escofina nasal GLABELLA 134
 Escofina nasal JOSEPH 134-135
 Escofina nasal LEWIS 135
 Escofina nasal MALTZ 134-135
 Escofina nasal PARKES 134
 Escofina nasal PEET 134
 Escofina nasal WIENER 134
 Espatula 80
 Espatula abdominal e intestinal
 RIBBON 66
 Especulo nasal COTTLÉ 115-116
 Especulo nasal HARTMANN 111
 Especulo nasal
 HARTMANN-HALLE 110
 Especulo nasal KILLIAN 113-114
 Especulo nasal Mod. WIEN 112
 Especulo nasal REDA 112
 Especulo nasal TIECK-HALLE 112

F

Face Lift tijera BEUSE 31
 Face Lift tijera GORNEY 30
 Face Lift tijera GORNEY-FREEMAN 30
 Face Lift tijera KAYE 31
 Face Lift tijera PECK-JOSEPH 31

FARABEUF separador 65
 FERGUSSON/FRAZIER tubo de aspiración 108
 FERRIERA separador 78
 FERRIS-SMITH pinza de disección 42
 FINSEN separador 75
 FOMON cinceles nasal 127
 FOMON escofina nasal 136-137
 FOMON legra 101
 FOMON separador nasal 88
 FOMON tijera nasal 27
 FRAZIER separador 70
 FRAZIER/FERGUSSON tubo de aspiración 108
 FREEMAN marcador para aréola 4
 FREEMAN separador 68, 84
 FREER Cincel nasal 128
 FREER cuchillo nasal 124
 FREER elevador 102
 FREER gubia 132
 FREER separador nasal 88
 FRIEDMANN MICRO pinza gubia 98
 FRIEDMANN MINI pinza gubia 98
 FRIEDMANN pinza gubia 98

G

Gancho MILLARD 84
 Gancho para duramadre ADSON 85
 Gancho para nervios 77, 85
 Gancho para nervios CRILE 85
 Gancho para nervios CUSHING 85
 Gancho para traqueotomía
 JACKSON 90
 Gancho para traqueotomía NEWS 90
 GERALD pinza de disección 43-44
 GERZOG martillo 100
 GILLIES pinza de disección 43
 GILLIES porta aguja 94
 GILLIES separador 89
 GLABELLA escofina nasal 134
 GOLDMAN-FOX tijera para encías 29
 Goniometro MOELTGEN 2
 Goniometro para dedos 2
 GORNEY disector 102
 GORNEY Face Lift tijera 30
 GORNEY separador 84
 GORNEY tijera para nasale 122
 GORNEY-FREEMAN
 Face Lift tijera 30
 GRADLE tijera fina 23

GRAEFE pinza de disección 41
 GRAEFE pinza para iris 52
 GRAEFE separador 69
 GRAEFE tijera fina 22
 GREEN pinza para fijación 56
 GREENBERG-PAR tijera para blefaroplastia 32
 GROSSMAN marcador para aréola 4
 Gubia FREER 132
 Gubia HAJEK 132
 Gubia KILLIAN 130
 Gubia KILLIAN-CLAUS 132
 Gubia WEST 132
 GUILEN tubo de aspiración 109
 GUTHRIE separador 69

H

HAJEK gubia 132
 HAJEK-BALLINGER elevador para tabique 104
 HALPREN marcador para aréola 5
 HALSEY porta aguja 91
 HALSTEAD-MOSQUITO micro pinza hemostática 60
 HALSTEAD-MOSQUITO pinza hemostática 60
 HARTMANN especulo nasal 111
 HARTMANN pinza hemostática 59
 HARTMANN pinza para polipos 117
 HARTMANN-HALLE especulo nasal 110
 HEYMAN tijera nasal 27
 HEYMANN-KNIGHT pinza para polipos 118
 Hoja de repuesto para dermatomo 6-7
 HOLZHEIMER separador 75
 HOWARTH elevador 103
 HUMBY dermatomo 7
 HUMBY separador 71

I

Instrumento para labios y fisura palatina BLAIR 106
 Instrumento para labios y fisura palatina CRIONIN 106
 Instrumento para marcar D'ASSUMPACO 3
 Instrumento para marcar LOCKWOOD 3
 Instrumentos para endoscopia 152-158

Instrumentos para labios y fisura palatina 105-106
IRIS tijera fina 20

J

JACKSON gancho para traqueotomia 90
JAEGER placa para parado 58
JANSEN separador 75
JANSEN-GRUENWALD pinza auricular 57
JENNINGS abre-boca 141
JOSEPH cuchillo nasal 124-125
JOSEPH elevador 102-103
JOSEPH escofina nasal 134-135
JOSEPH legra 101
JOSEPH separador 70
JOSEPH sierra nasal 138-139
JOSEPH tijera de disección 18
JOST macha cadera 133

K

KASDAN separador 73
KAYE Face Lift tijera 31
KAYE tijera para blefaroplastia 32
KELLY pinza hemostatica 61
KELLY tijera de disección 19
KELLY-RANKIN pinza hemostatica 61
KILLIAN elevador 103-104
KILLIAN especulo nasal 113-114
KILLIAN gubia 130
KILLIAN-CLAUS gubia 132
KILLNER separador nasal 88
KILNER RAGNELL tijera de disección 19
KILNER-DOUGHTY abre-boca 143
KLAPP separador 72
KLEINERT-LUTZ separador 70
KNAPP separador 86
KNAPP tijera fina 21
KNIGHT pinza para el tabique nasal 118

L

LA GRANGE tijera fina 26
LAHEY separador 70
LAMBOTTE-MINI osteotomo 132
LANGE separador 89
LANGENBECK disector 77
LANGENBECK legra 101

LANGENBECK-COTTLE disector 77
Legra COTTLE 104
Legra DINGMAN 150
Legra FOMON 101
Legra JOSEPH 101
Legra LANGENBECK 101
Legra OBWEGESER 149
Legra WILLIGER 101
LERCHE pinza de disección 41
LERICHE pinza hemostatica 63
LEWIS escofina nasal 135
LEXER tijera de disección 15
LEXER-BABY tijera de disección 15
LITTAUER tijera para hilos 28
LITTLER tijera fina 22
LOCKWOOD instrumento para marcar 3
LOCKWOOD, Separador mamarios 82
LUBET-BARBON pinza para taponamiento 117
LUC pinza para el tabique nasal 119
LUCAE pinza auricular 57

M

MacCOLLUM-DINGMAN separador mamario 81
Macha cadera COTTLE 133
Macha cadera JOST 133
MALINIAC separador nasal 87
MALTZ escofina nasal 134-135
Mango de bisturie 8-12
Marcador para aréola 5
Marcador para aréola FREEMAN 4
Marcador para aréola GROSSMAN 4
Marcador para aréola HALPREN 5
Marcador para aréola McKISSOCK 5
Marcador para facelift PITANGUY 3
Martillo COTTLE 100
Martillo GERZOG 100
Martillo MEAD 100
Martillo PARTSCH 100
Martillo QUISLING 100
Martillos 100
MARTINEZ-KILNER separador 89
MASING elevador 102
MASING-NEIVERT separador nasal 87
MAYO tijera de disección 13
MAYO-HABERISSER pinza para torcer hilos 97

MAYO-HEGAR porta aguja 92
MAYO-STILLE tijera de disección 14
MC INDOE pinza gubia 99
MC INDOE tijera para cartílago 29
McINDOE pinza de disección 42
McIVOR abre-boca 144
McIVOR baja-lengua 144
McKENTY elevador 102-103
McKISOCK marcador para aréola 5
MEAD martillo 100
METZENBAUM tijera de disección 16-17
METZENBAUM-FINO tijera de disección 17
MEYERDING separador 74
MICRO FRIEDMANN pinza gubia 98
Micro pinzas 47-49
Micro porta aguja BARRAQUER 95
Micro porta aguja CASTROVIEJO 96
Micro tijeras 33-35
MICROVASCULAR porta aguja 93
MIDDLETON-JANSEN pinza para el tabique nasal 123
MILLARD gancho 84
MILLER separador 86
MINI-LAMBOTTE osteotomo 132
MINI-LANGENBECK disector 77
Mod. BONN pinza para sutura 54
Mod. RUSO pinza de disección 42
Mod. TUEBINGEN pinza para sutura 54
Mod. WIEN especulo nasal 112
MOELTGEN goniometro 2
MYLES pinza cortante nasal 121

N

NEIVERT-ANDERSON osteotomo 130
NEWS gancho para traqueotomia 90

O

O'BRIEN tijera para hilos 28
O'CONNOR separador 86
OBWEGESER legra 149
OBWEGESER osteotomo 131
OBWEGESER separador para cirugía de boca-mandíbula-facial 146-148
OCHSNER pinza de disección 45
OEHLER pinza de disección 37
OLSEN-HEGAR BABY porta aguja 93

OLSEN-HEGAR porta aguja	93
Osteotomo CINELLI	127
Osteotomo COTTLE	129
Osteotomo MINI-LAMBOTTE	132
Osteotomo NEVERT-ANDERSON	130
Osteotomo OBWEGESER	131
Osteotomo RUBIN	129
Osteotomo SHEEHAN	127
Osteotomo TESSIER	151
Osteotomo WEST	132

P

PARKES escofina nasal	134
PARTSCH martillo	100
PECK-JOSEPH Face Lift tijera	31
PEET escofina nasal	134
Pelvimeter COLLIER	5
PENNINGTON elevador	103
PIERCE elevador	103
Pinza atraumatica DeBAKEY	51
Pinza auricular	
JANSEN-GRUENWALD	57
Pinza auricular LUCAE	57
Pinza auricular TROELTSCH	57
Pinza auricular WILDE (TROELTSCH)	57
Pinza cortante nasal MYLES	121
Pinza cortante nasal SCHMEDEN	121
Pinza cortante nasal TAKAHASHI	121
Pinza cortante nasal	
WEIL-BLAKESLEY	120
Pinza de diseccion ADSON	38-39
Pinza de diseccion ADSON micro	38-39
Pinza de diseccion	
ADSON-BROWN	40
Pinza de diseccion	
ADSON-DeBAKEY	38
Pinza de diseccion BEASELEY	
BABCOCK	39
Pinza de diseccion BONNEY	45
Pinza de diseccion BROWN	41
Pinza de diseccion COLLIN-DUVAL	42
Pinza de diseccion CUSHING	41
Pinza de diseccion	
CUSHING-TAYLOR	44
Pinza de diseccion DURANTE	45
Pinza de diseccion DUVAL	42
Pinza de diseccion	
FERRIS-SMITH	42
Pinza de diseccion GERALD	43-44

Pinza de diseccion GILLIES	43
Pinza de diseccion GRAEFE	41
Pinza de diseccion LERCHE	41
Pinza de diseccion McINDOE	42
Pinza de diseccion Mod. RUSO	42
Pinza de diseccion OCHSNER	45
Pinza de diseccion OEHLER	37
Pinza de diseccion POTTS-SMITH	36
Pinza de diseccion SEMKEN	43
Pinza de diseccion SINGLEY	45
Pinza de diseccion STILLE	36-37
Pinza de diseccion	
STILLE-BARRAYA	45
Pinza de diseccion TAYLOR	44
Pinza de diseccion	
TAYLOR-CUSHING	44
Pinza de diseccion USA	36-37
Pinza de diseccion WAUGH	41
Pinza depilatoria BARRAQUER	55
Pinza gubia BEYER	98
Pinza gubia BÖHLER	98-99
Pinza gubia COTTLE-KAZANJIAN	99
Pinza gubia FRIEDMANN	98
Pinza gubia FRIEDMANN MINI	98
Pinza gubia MC INDOE	99
Pinza gubia MICRO FRIEDMANN	98
Pinza hemostatica ADSON	64
Pinza hemostatica COLLER-CRILE	61
Pinza hemostatica CRILE	62
Pinza hemostatica CRILE-RANKIN	62
Pinza hemostatica	
HALSTEAD-MOSQUITO	60
Pinza hemostatica	
HALSTEAD-MOSQUITO micro	60
Pinza hemostatica HARTMANN	59
Pinza hemostatica KELLY	61
Pinza hemostatica KELLY-RANKIN	61
Pinza hemostatica LERICHE	63
Pinza hemostatica	
PROVIDENCE-HOSPITAL	61
Pinza hemostatica	
ROCHESTER-OCHSNER	63
Pinza hemostatica	
ROCHESTER-PEAN	63
Pinza muscular BERKE	55
Pinza para chalazion DESMARRES	55
Pinza para columela COTTLE	57
Pinza para el tabique nasal	
BRUENINGS	119
Pinza para el tabique nasal CRAIG	
.....	119
Pinza para el tabique nasal	
hemostatica	
.....	61
Pinza para el tabique nasal KNIGHT	
.....	118
Pinza para el tabique nasal LUC	
.....	119
Pinza para el tabique nasal	
MIDDLETON-JANSEN	123
Pinza para el tabique nasal RUBIN	
.....	122
Pinza para enderezar el tabique nasal ASCH	
.....	140
Pinza para enderezar el tabique nasal WALSHAM	
.....	140
Pinza para fijacion COTTLE	57
Pinza para fijacion GREEN	56
Pinza para iris BISHOP-HARMAN	53
Pinza para iris GRAEFE	52
Pinza para polipos HARTMANN	117
Pinza para polipos	
HEYMANN-KNIGHT	118
Pinza para sutura CASTROVIEJO	55
Pinza para sutura Mod. BONN	54
Pinza para sutura	
Mod. TUEBINGEN	54
Pinza para taponamiento LUBET-BARBON	117
Pinza para taponamiento	
WESTMACOTT	117
Pinza para torcer hilos BERRY	97
Pinza para torcer hilos	
MAYO-HABERISSER	97
Pinzas atraumaticas con TC	50
Pinzas de diseccion sin y con dientes	36-45
Pinzas para espinas	46
PITANGUY marcador para facelift	3
Placa para extender la piel	6
Placa para parado JAEGER	58
Porta aguja BABY OLSEN-HEGAR	93
Porta aguja BAUMGARTNER	92
Porta aguja CRILE-WOOD	92
Porta aguja DeBAKEY	92
Porta aguja DERF	91
Porta aguja GILLIES	94
Porta aguja HALSEY	91
Porta aguja MAYO-HEGAR	92
Porta aguja MICROVASCULAR	93
Porta aguja OLSEN-HEGAR	93
Porta aguja RYDER	93
Porta aguja WEBSTER	91
POTTS-SMITH pinza de diseccion	36
PROVIDENCE-HOSPITAL pinza hemostatica	61

Q

QUISLING martillo.....100

R

RAGNELL separador.....65

RAMUS separador para cirugía de boca-mandibula-fiscal.....148

REDA cuchillo nasal125

REDA especulo nasal112

REDA separador72

Regla2

REYNOLDS JAMESON tijera de disección19

REYNOLDS (Transauxillary)

Separadores mamarios81-82

RIBBON espátula abdominal e intestinal66

ROCHESTER-OCHSNER pinza hemostática63

ROCHESTER-PEAN pinza hemostática63

ROLLET separador86

ROUX mini separador65

RUBIN osteotomo129

RUBIN pinza para el tabique nasal ...122

RUSO Mod. pinza de disección42

RUSSEL-DAVIS baya-lengua145

RYDER porta aguja93

S

SANVENERO tijera de disección18

SCHINK dermatomo6

SCHMEDEN pinza cortante nasal....121

SCULPO separador con camisa para cirugía plástica79

SEMKEN pinza de disección43

Separador ALM75

Separador ANDERSON84

Separador BARSKY71

Separador BIGGS79

Separador BREAST81

Separador con camisa para cirugía plástica SCULPO79

Separador CONVERSE89

Separador CORONAL84

Separador COTTLE89

Separador CRILE65

Separador de mobilización TESSIER150

Separador DEAVER67-68

Separador DESMARRES73

Separador FARABEUF	65	Separador RAGNELL	65
Separador FERRIERA.....	78	Separador REDA.....	72
Separador FINSEN.....	75	Separador ROLLET.....	86
Separador FRAZIER	70	Separador ROUX mini.....	65
Separador FREEMAN	68, 84	Separador STRANDELL-STILLE	74
Separador GILLIES	89	Separador TEBBETTS	78
Separador GORNEY	84	Separador TYRELL	69
Separador GRAEFE	69	Separador VOLKMANN	73
Separador GUTHRIE.....	69	Separador WEITLANER	76
Separador HOLZHEIMER	75	Separador WIENER	86
Separador HUMBY	71	Separador YANCOSKIE	83
Separador JANSEN.....	75	Separadores para cirugía plástica	
Separador JOSEPH	70 78-81	
Separador KASDAN	73	Sierra nasal JOSEPH	138-139
Separador KLAPP	72	SHEEHAN cincel	127
Separador KLEINERT-LUTZ	70	SILVER cincel.....	130
Separador KNAPP	86	SILVER dermatomo	7
Separador LAHEY	70	SILVERSTEIN separador mamario82	
Separador LANGE.....	89	SINGLEY pinza de disección	45
Separador mamario		SINUS elevador.....	103
AGRIS-DINGMAN	81	SPENCER tijera para hilos.....	28
Separador mamario		SPINA-NASALIS separador para	
MacCOLLUM-DINGMAN.....	81	cirugía de boca-mandibula-fiscal148	
Separador mamarios LOCKWOOD....	82	STEVENS tijera fina	24
Separador mamario REYNOLDS		STILLE pinza de disección	36-37
(Transauxillary).....	81	STILLE-BARRAYA pinza de	
Separador mamario SILVERSTEIN....	82	disección	45
Separador mamario TEBBETTS	81	STRABISMUS tijera fina.....	24
Separador MARTINEZ-KILNER	89	STRANDELL-STILLE separador	74
Separador MEYERDING	74		
Separador MILLER.....	86		
Separador nasal AUFRICHT	87		
Separador nasal CONVERSE	87		
Separador nasal COTTLÉ	87-89		
Separador nasal			
COTTLÉ-NEIVERT.....	88		
Separador nasal FOMON	88		
Separador nasal FREER.....	88		
Separador nasal KILLNER	88		
Separador nasal MALINIAC	87		
Separador nasal MASING-NEIVERT.....	87		
Separador O'CONNOR	86		
Separador para cirugía de			
boca-mandibula-fiscal			
OBWEGESER	146-148		
Separador para cirugía de			
boca-mandibula-fiscal RAMUS.....	148		
Separador para cirugía de			
boca-mandibula-fiscal			
SPINA-NASALIS	148		

T

TAKAHASHI pinza cortante nasal121

TAYLOR pinza de disección 44 |TAYLOR-CUSHING pinza de disección 44 |TEBBETTS separador..... 78 |TEBBETTS separador mamario..... 81 |TESSIER osteotomo 151 |TESSIER separador de mobilización 150 |TIECK-HALLE especulo nasal 112 |Tijera de disección JOSEPH 18 |Tijera de disección KELLY 19 |Tijera de disección KILNER |RAGNELL 19 |Tijera de disección LEXER 15 |Tijera de disección LEXER-BABY 15 |Tijera de disección MAYO 13 |Tijera de disección MAYO-STILLE 14 |Tijera de disección METZENBAUM 16-17 |

Tijera de disección METZENBAUM-FINO.....17		W	
Tijera de disección REYNOLDS JAMESON19		WAGNER tijera fina.....25	
Tijera de disección SANVENERO18		WALSHAM pinza para enderezar el tabique nasal140	
Tijera fina BONN20		WALTER/CONVERSE/WILMER tijera fina.....22	
Tijera fina CHADWICK26		WATSON dermatomo7	
Tijera fina CONVERSE/WILMER/ WALTER22		WAUGH pinza de disección41	
Tijera fina COTTLE.....22		WEBSTER porta aguja.....91	
Tijera fina GRADLE23		WEIL-BLAKESLEY pinza cortante nasal120	
Tijera fina GRAEFE22		WEITLANER separador76	
Tijera fina IRIS20		WEST gubia132	
Tijera fina KNAPP21		WEST osteotomo132	
Tijera fina LA GRANGE26		WESTMACOTT pinza para taponamiento117	
Tijera fina LITTLER22		WIEDER baja-lengua141	
Tijera fina para oftalmología23		WIEN Mod. especulo nasal112	
Tijera fina STEVENS24		WIENER escofina nasal134	
Tijera fina STRABISMUS24		WIENER separador86	
Tijera fina WAGNER.....25		WILDE (TROELTSCH) pinza auricular57	
Tijera fina WILMER/CONVERSE22		WILLIGER legra101	
Tijera nasal COTTLE.....27		WILMER/CONVERSE/WALTER tijera fina.....22	
Tijera nasal COTTLE-MASING27		Y	
Tijera nasal FOMON.....27		YANCOSKIE separador83	
Tijera nasal HEYMAN.....27			
Tijera para blefaroplastia GREENBERG-PAR32			
Tijera para blefaroplastia KAYE.....32			
Tijera para cartílago MC INDOE29			
Tijera para encías GOLDMAN-FOX29			
Tijera para hilos LITTAUER28			
Tijera para hilos O'BRIEN28			
Tijera para hilos SPENCER.....28			
Tijera para nasales CAPLAN122			
Tijera para nasales GORNEY122			
TROELTSCH pinza auricular57			
Tubo de aspiración ADSON107			
Tubo de aspiración BARON107			
Tubo de aspiración FRAZIER/FERGUSSON108			
Tubo de aspiración GUILEN109			
TUEBINGEN Mod. pinza para sutura.....54			
TYRELL separador69			
U			
USA pinza de disección.....36-37			
V			
VOLKMANN separador73			

A

- Abbassalingua Andrew 141
 Abbassalingua Davis-Boyle 142
 Abbassalingua Dingmann 143
 Abbassalingua Kilner-Doughty 143
 Abbassalingua Russel-Davis 145
 Abbassalingua Wieder 141
 ACKERMANN strumento per marcare
 5
 ADSON cannula di aspirazione 107
 ADSON pinza emostatica 64
 ADSON uncini per dura-madre 85
 AGRIS-DINGMAN separatori
 mammari 81
 ALM divaricatori 75
 ANDERSON uncini per pelle 84
 ANDREW abbassalingua 141
 Apribocca completo Davis-Boyle 142
 Apribocca Dingmann 143
 Apribocca Jennings 141
 Apribocca Kilner-Doughty 143
 ASCH pinza per raddrizzare il setto
 nasale 140
 AUFRICHT raspa nasale 135
 AUFRICHT retrattori nasali 87

B

- Baby OLSEN HEGAR portaghi 93
 BABY-WEBSTER portaghi 91
 BALLENGER coltello per setto 126
 BALLENGER elevatore per setto 104
 BARON Cannula di aspirazione 107
 BARRAQUER micro portaghi 95
 BARRAQUER pinza depilatoria 55
 BARSKY uncinetto per pelle 71
 BAUMGARTNER portaghi 92
 BERKE pinze muscolari 55
 BERRY Pinza torcifili 97
 BEUSE face lift forbici 31
 BEYER pinza sgorbia 98
 BIGGS divaricatore con luce fredda 79
 BISHOP-HARMAN pinze per iride 53
 Bisturi per cartilagine Joseph 124
 Bisturi per rinoplastica Converse 125
 Bisturi per rinoplastica Cottle 125
 Bisturi per rinoplastica Joseph 124
 BLAIR elevatore per fessure del
 palato 106
 BOEHLER cesoie per ossa 99
 BOEHLER pinza sgorbia 98
 BOIES sgorbia periostotomo 102

- BONN forbice delicata 20
 BONNEY pinza anatomica 45
 BONNEY pinze chirurgiche 45
 BREAST divaricatore 80
 BROWN Pinze chirurgiche 41
 BRUENINGS pinza per il setto
 nasale 119

C

- Camicia per chirurgia plastica 80,
 153-155
 Cannula di aspirazione 107
 Cannula di aspirazione Baron 107
 Cannula di aspirazione Guilen 109
 Cannule di aspirazione
 Frazier/Fergusson 108
 Cannule per liposuzione 159 -163
 CAPLAN forbici nasali 122
 CASTROVIEJO compasso 5
 CASTROVIEJO micro portaghi 96
 CASTROVIEJO pinze per sutura 55
 CHADWICK forbici gingivali 26
 CINELLI scalpelli nasale 127
 COLLER-CRILE pinze emostatiche 61
 COLLIER compasso 5
 COLLIN DUVAL pinza fenestrata 42
 Coltello falcato REDA 125
 Coltello per il setto nasale Freer 124
 Coltello per mucosa Freer 124
 Coltello per setto BALLENGER 126
 Compasso Castroviejo 5
 Compasso Collier 5
 CONVERSE bisturi per rinoplastica 125
 CONVERSE divaricatore 89
 CONVERSE retrattori nasali 87
 CONVERSE/WILMER/WALTER
 forbici delicate 22
 CORONAL divaricatore 84
 COTTLE bisturi per setto nasale 125
 COTTLE divaricatori 89
 COTTLE elevatore per setto 103-104
 Cottle forbici delicate 22
 COTTLE forbici nasali 27
 COTTLE KAZANJIAN cesoia per
 ossa 99
 COTTLE martello metallico 100
 COTTLE osteotomo 129
 COTTLE pinza per columella 57
 COTTLE retrattore nasale 87-88
 COTTLE scalpello per plastica nasale
 129

D

- D'ASSUMPCAO strumento per
 marcare 3
 DAVIS BOYLE abbassalingua 142
 DAVIS BOYLE apribocca completo 142
 DAVIS BOYLE Telaio solo 142
 DAVIS MEYER Telaio solo 144
 DE BAKEY portaghi 92
 DEAVER divaricatori addominali 67-68
 DEBAKEY micro pinza atraumatica 49
 DEBAKEY pinze atraumatiche 51
 DEBAKEY pinze atraumatiche TC 50
 DERF portaghi 91
 Dermatomo Humby 7
 Dermatomo Schink 6
 Dermatomo Silver 7
 Dermatomo Watson 7
 DESMARRES divaricatori 73
 DESMARRES pinze per calzio 55
 DINGMAN divaricatore 150
 DINGMAN periostotomo doppio 150
 DINGMAN raspa nasale 138
 DINGMANN abbassalingua 143
 DINGMANN apribocca 143
 Dischi di ricambio per martello 100
 Dissettore Gorney 102
 Dissettori Williger 101
 Divaricat.dopp.coppia Farabeuf 65
 Divaricatore 150
 Divaricatore Breast 80
 Divaricatore con luce fredda Biggs 79

Divaricatore Converse	89
Divaricatore Coronal	84
Divaricatore Dingman	150
Divaricatore doppio Crile	65
Divaricatore doppio Ragnel	65
Divaricatore doppio Roux	65
Divaricatore Gorney	84
Divaricatore Kasdan	73
Divaricatore Knapp	86
Divaricatore Lange	89
Divaricatore Martinez-Kilner	89
Divaricatore Miller	86
Divaricatore Obwegeser	146-148
Divaricatore O'Connor	86
Divaricatore per chirurgia plastica	78-81
Divaricatore Ramus	148
Divaricatore Rollet	86
Divaricatore Spina-Nasalis	148
Divaricatore Tessier	150
Divaricatori	72
Divaricatori addominali DEAVER	67-68
Divaricatori Alm	75
Divaricatori con camicia per chirurgia plastica Sculpo	79
Divaricatori Cottle	89
Divaricatori Desmarres	73
Divaricatori Ferriera	78
Divaricatori Finsen	75
Divaricatori Freeman	68, 84
Divaricatori Gillies	89
Divaricatori Holzheimer	75
Divaricatori Jansen	75
Divaricatori Klapp	72
Divaricatori Lahey	70
Divaricatori Meyerding	74
Divaricatori Strandel-Stille	74
Divaricatori Tebbets	78
Divaricatori Volkmann	73
Divaricatori Weitlaner	76
Divaricatori Wiener	86
Divaricatori Yancoskie	83
DURANTE pinze anatomiche	45
DUVAL pinza fenestrata	4

E

Elettrodi monopolari	158
Elevatore Langenbeck	101
Elevatore per periostio Masing	102
Elevatore per setto	104
Elevatore per setto Cottle	103-104

Elevatore per setto Cottle-Joseph	103
Elevatore per setto Freer	102
Elevatore per setto Hajek-Ballenger	104
Elevatore per setto Howarth	103
Elevatore per setto Joseph	102
Elevatore per setto Kilian	103-104
Elevatore per setto McKenty	102-103
Elevatore per setto Pennington	103
Elevatore per setto Pierce	103
Elevatore per setto Sinus	103
Endo dissettore Langenbeck	77
Endo dissettore Langenbeck-Cottle	77
Endo dissettore Mini-Langenbeck	77

F

Face lift forbici Gorney	30
Face lift forbici Gorney-Freemann	30
Face lift forbici Kaye	31
Face lift forbici Peck-JOSEPH	31
FARABEUF divaricat.dopp.coppia	65
FERRIERA divaricatori	78
FERRIS SMITH pinze chirurgiche	42
FINSEN divaricatori	75
FOMON forbici nasali	27
FOMON Periostotomo	101
FOMON raspa nasale doppia	136-137
FOMON retrattori nasali	88
FOMON scalpelli nasale	127
Forbice delicata Bonn	20
Forbici blefaroplastica	32
Forbici blefaroplastica	32
Greenberg-Par	32
Forbici delicate	20-25
Forbici delicate CONVERSE/WILMER/WALTER	22
Forbici delicate Cottle	22
Forbici delicate Grable	23
Forbici delicate Graefe	22
Forbici delicate IRIS	20
Forbici delicate Knapp	21
Forbici delicate Littler	22
Forbici delicate Wagner	25
Forbici endoscopici	156
Forbici gingivali Chadwick	26
Forbici gingivali Goldmann-Fox	29
Forbici gingivali La Grange	26
Forbici gingivali Mc Indoe	29
Forbici nasali Caplan	122
Forbici nasali Cottle	27
Forbici nasali Cottle-Masing	27

G

Ganci per tracheotomia Jackson	90
Gancio per tracheotomia News	90
GERALD pinza chirurgica 1x2	43
GERALD pinze anatomiche	43
GERALD pinze chirurgiche	44
GERZOG Martello metallico	100
GILLIES Divaricatori	89
GILLIES pinze 1x2 denti	43
GILLIES portaghi tagliente	94
GLABELLA raspa nasale	134
GOLDMANN-FOX forbici gingivali	29
Goniometro Moeltgen	2
Goniometro per le dita	2
GORNEY dissettore	102
GORNEY divaricatore	84
GORNEY face lift forbici	30
GORNEY forbici nasali	122
GORNEY-FREEMAN face lift forbici	30
GRADLE forbici delicate	23

GRAEFE forbici delicate.....	22
GRAEFE pinza morsi dentellati.....	41
GRAEFE pinze per iride	52
GRAEFE uncinetto acuto	69
GRAEFE uncinetto smusso.....	69
GREEN pinze fissatrici	56
GREENBERG-PAR forbici bleforoplastica	32
GROSSMAN, strumento per marcare	4
GUILLEN cannula di aspirazione	109
GUTHRIE uncinetto doppio acuto	69
GUTHRIE uncinetto doppio smusso.....	69

H

HAJEK sgorbia	132
HAJEK-BALLINGER elevatore per setto.....	104
HALPREN strumento per marcare	5
HALSEY portaghi	91
HALSTED-Mosquito micro pinze	60
HALSTED-Mosquito pinze.....	60
HARTMANN pinza per polipi nasali.....	117
HARTMANN pinze emostatiche	59
HARTMANN specoli nasali.....	111
HARTMANN-HALLE specoli nasali	110
HEYMANN forbici nasali.....	27
HEYMANN KNIGHT pinza nasale.....	118
HOLZHEIMER divaricatori.....	75
HOWARTH elevatore per setto	103
HUMBY dermatomo	7
HUMBY uncinetto doppio per pelle	71

I

IRIS forbici delicate	20
-----------------------------	----

J

JACKSON ganci per tracheotomia	90
JANSEN divaricatori	75
JANSEN-GRUENWALD pinza auricolare	57
JENNINGS apribocca	141
JOSEPH (LEWIS) raspa nasale	135
JOSEPH bisturi per cartilagine	124
JOSEPH bisturi per rinoplastica	124
JOSEPH elevatore per setto	102
JOSEPH forbici per dissezione	18
JOSEPH lima per ossa	134
JOSEPH Periototomo	101
JOSEPH sega nasale	138

JOSEPH sega nasale angolata	139
JOSEPH uncino mucosa	70
JOST tritacartilagine	133

K

KASDAN divaricatore	73
KAYE face lift forbici	31
KAYE forbici blefaroplastica	32
KELLY forbici per dissezione	19
KELLY pinze emostatiche	51
KELLY RANKIN pinze emostatiche	61
KILLAN specoli nasali.....	113-114
KILLIAN CLAUS sgorbia	132
KILLIAN elevatore per setto	103-104
KILLIAN sgorbia	130
KILNER DOUGHTY abbassalingua	143
KILNER DOUGHTY apribocca	143
KILNER forbici per dissezione	19
KILNER retrattore nasale	88
Klapp divaricatori	72
KLEINERT-KUTZ uncinetto acuto per pelle	70
KNAPP divaricatore	86
KNAPP forbici delicate	21
KNIGHT pinza per il setto	118

L

La GRANGE forbici gingivali	26
LAHEY divaricatori	70
Lama di ricambio per dermatomo	6
Lama di ricambio, non sterile	7
Lame per bisturi	11
LANGE divaricatore	89
LANGENBECK elevatore	101
LANGENBECK Endo disettore	77
LANGENBECK-COTTLER Endo disettori	77
LERCHE pinza 5x6 denti	41
LERICHE pinze emostatiche	63
LEXER forbici per dissezione	15
LEXER-BABY forbici per dissezione	15
Lima per ossa Joseph	134
LITTAUER forbici taglia fili	28
LITTLER forbici delicate	22
LOCKWOOD, Separatori mammari	82
LOCKWOOD strumento per marcare	3
LUBET-BARBON pinza per medicature	117

M

MacCollum-DINGMANN separatori mammati	81
MAINIAC retrattore nasale	87
MALTZ (COTTELE) raspa nasale	135
MALTZ raspa nasale	134
Manici per lame bisturi	8-12
Martelli	100
Martello intranasale Quisling	100
Martello Mead	100
Martello metallico Cottle	100
Martello metallico Gerzog	100
Martello metallico Partsch	100
MARTINEZ-KILNER divaricatore	89
MASING elevatore per periostio	102
MASING-NEIVERT retrattore nasale	87
MAYO forbici per dissezione	13
Mayo-HaberISSER pinze torcifili	97
MAYO-Hegar portaghi	92
MAYO-Stille forbici per dissezione	14
MC INDOE cesoia per ossa	99
MC INDOE forbici gingivali	29
McINDOE pinza 1x2 denti	42
MCINDOE pinza anatomica	42
McIVOR abbassalingua	144
McIVOR apribocca completo	144
McKENTY elevatore per setto	102-103
McKISSOCK, strumento per marcare	5
MEAD martello	100
METZENBAUM forbici per dissezione	16-17
MEYERDING divaricatori	74
Micro forbici	33-35
Micro pinze ad anello	48
Micro pinze Halsted-Mosquito	60
Micro pinze per legature	47
Micro portaghi Barraquer	95
Micro portaghi Castroviejo	96
MICROVASCULAR portaghi	93
MIDDLETON JANSEN pinza per il setto nasale	123
MILLARD uncini	84
MILLER divaricatore	86
MINI-LAMBOTTE osteotomo	132

MINI-LANGENBECK Endo dissettore	77
MOELTGEN goniometro	2
MYLES pinza nasale tagliente.....	121

N

NEIVERT-ANDERSON Osteotomo ...	130
NEWS gancio per tracheotomia	90

O

O'BRIEN forbici taglia fili	28
OBWEGESER divaricatore	146-148
OBWEGESER Osteotomo	131
OBWEGESER periostotomo	149
OCHSNER pinza per dissezione	45
O'CONNOR divaricatore	86
OLSEN HEGAR portaghi.....	93
Osteotomo Cinelli	127
Osteotomo Cottle.....	129
Osteotomo fomon	127
Osteotomo Mini-Lambotte	132
Osteotomo nasale Silver	130
Osteotomo nasale West	132
Osteotomo Neivert-Anderson	130
Osteotomo Obwegeser.....	131
Osteotomo Rubin.....	129
Osteotomo sheehan	127
Osteotomo Tessier.....	151
Ottica per endoplastica.....	152

P

PARKES raspa nasale.....	134
PARTSCH martello metallico	100
PECK-JOSEPH face lift forbici	31
PEET raspa nasale.....	134
PENNINGTON Elevatore per setto ...	103
Periostotomo doppio Dingman	150
Periostotomo Fomon	101
Periostotomo Joseph.....	101
Periostotomo Obwegeser	149
PIERCE Elevatore per setto.....	103
Pinza 1 x 2 denti Potts-Smith	36
Pinza 1x2 denti McIndoe	42
Pinza 5x6 denti Lerche	41
Pinza a baionetta Taylor	44
Pinza anantomica McIndoe	42
Pinza anatomica Bonney.....	45
Pinza anatomica Cushing.....	41
Pinza anatomica Potts-Smith	36
Pinza auricolare Jansen-Gruenwald....	57
Pinza auricolare Wilde (Troeltsch).....	57

Pinza chirurgica 1x2 Gerald	43
Pinza chirurgica Cushing.....	41
Pinza chirurgica Stille	37
Pinza con cucchiaio, modello russo	42
Pinza depilatoria Barraquer	55
Pinza emostatica ADSON.....	64
Pinza fenestrata Collin-Duval	42
Pinza fenestrata Duval	42
Pinza morsi dentellati Graefe	41
Pinza nasale Heymann-Knight	118
Pinza nasale tagliente Myles	121
Pinza nasale tagliente Schmeden	121
Pinza nasale tagliente Takahashi	121
Pinza p. diss. 1x2 denti.....	37
Pinza p. dissezione.micro	43
Pinza per appiattamento setto nasale Rubin.....	122
Pinza per columella Cottle	57
Pinza per dissezione Ochsner	45
Pinza per il setto Knight	118
Pinza per il setto nasale Brünings	119
Pinza per il setto nasale Craig	119
Pinza per il setto nasale Middleton	123
Pinza per medicature Lubet-Baron	117
Pinza per medicature Westmacott	117
Pinza per polipi nasali HARTMANN	117
Pinza per raddrizzare il setto nasale	140
Asch	140
Pinza per raddrizzare il setto nasale	140
Walsham	140
Pinza sgorbia Beyer	98
Pinza sgorbia BOEHLER	98
Pinza sgorbia Friedmann	98
Pinza sgorbia mini Friedman	98
Pinza tagliente nasale	120
Weil-Blakesley	120
Pinza tagliente per il setto nasale	119
Luc	119
Pinza torcifili Berry	97
Pinza USA 1x2 denti	37
Pinza USA p.dissezione	36
Pinze 1x2 denti Gillies	43
Pinze 1x2 denti Semken	43
Pinze ADSON, chirurgiche	39
Pinze ADSON, chirurgiche/ anatomiche	38
Pinze ADSON-BROWN, chirurgiche	40
Pinze anatomiche Durante	45
Pinze anatomiche Gerald	43
Pinze anatomiche Semken	43
Pinze anatomiche Stille	36
Pinze atraumatiche DeBakey	50-51
Pinze auricolari Lucae	57
Pinze auricolari Troeltsch	57
Pinze chirurgiche 2x3 denti	37
Pinze chirurgiche 3x4 denti	37
Pinze chirurgiche 4x5 denti	37
Pinze chirurgiche Brown	41
Pinze chirurgiche Ferris-Smith	42
Pinze chirurgiche Gerald	44
Pinze chirurgiche Stille-Barraya	45
Pinze chirurgiche Waugh	41
Pinze da presa per endoscopia	157
Pinze emostatiche Collier-Crile	61
Pinze emostatiche Crile	62
Pinze emostatiche Crile-Rankin	62
Pinze emostatiche Hartmann	59
Pinze emostatiche Kelly	61
Pinze emostatiche Kelly-Rankin	61
Pinze emostatiche Leriche	63
Pinze emostatiche Providence-Hospital	61
Pinze emostatiche Rochester-Ochsner	63
Pinze emostatiche	63
Rochester-Pean	63
Pinze fissatrici Green	56
Pinze Halsted-Mosquito	60
Pinze muscolari BERKE	55
Pinze per calazio Desmarres	55
Pinze per dissezione chirurgiche	37
Pinze per dissezione, chirurgiche/anatomiche	36
Pinze per iride Bishop-Harman	53
Pinze per iride Graefe	52
Pinze per schegge	46
Pinze per sutura Castroviejo	55
Pinze per sutura mod. Bonn	54
Pinze per sutura mod. Tuebingen	54
Pinze per tessuti Singley	45
Pinze torcifili Mayo-Haberisser	97
PITANGUY strumento per marcare	3
Placca per palpebre	58
Placca per stendipelle	6
Portaghi Baby Olsen-Hegar	93
Portaghi Baby-Webster	91
Portaghi Baumgartner	92
Portaghi Crile-Wood	92
Portaghi DeBakey	92
Portaghi Derf	91
Portaghi Halsey	91

Portaghi Mayo-Hegar	92
Portaghi microvascular.....	93
Portaghi Olsen-Hegar.....	93
Portaghi Ryder.....	93
Portaghi tagliente Gillies.....	94
Portaghi Webster.....	91
POTTS SMITH pinze anatomiche	36
POTTS-SMITH pinza 1 x 2 denti.....	36
Providence-Hospital pinze emostatiche	61

Q

QUISLING martello intranasale	100
-------------------------------------	-----

R

RAGNEL divaricatore doppio	65
RAMUS divaricatore	148
Raspa nasal Dingman	138
Raspa nasale Aufricht.....	135
Raspa nasale doppia Fomon	136-137
Raspa nasale Glabella	134
Raspa nasale Joseph Lewis.....	135
Raspa nasale Maltz	134
Raspa nasale Maltz (Cottle).....	135
Raspa nasale Parkes	134
Raspa nasale Peet	134
Raspa nasale Wiener	134
REDA coltello falcato	125
Regolo metal.grad.mm/pollici	2
Retrattore nasale Freer	88
Retrattore nasale Kilner	88
Retrattore nasale Maliniac	87
Retrattore nasale Masing-Neivert.....	87
Retrattori nasali Aufricht	87
Retrattori nasali Converse	87
Retrattori nasali Cottle	87-88
Retrattori nasali Fomon	88
Retrattore nasale Cottle-Neivert.....	88
REYNOLDS forbici per dissezione	19
REYNOLDS (Transauxillary)	
Separatori mammari	81-82
RIBBON spatole addominali	66
ROCHESTER OCHSNER pinze emostatiche	63
ROCHESTER PEAN pinze emostatiche	63
ROLLET divaricatore	86
ROUX mini divaricat.doppio	65
RUBIN osteotomo	129
RUBIN pinza per appiattamento setto nasale	122

RUSSEL-DAVIS abbassalingua	145
RYDER portaghi	93

S

SANVENERO forbici per dissezione	18
Scalpello per plastica nasale Cottle	129
Scalpelli per plastica nasale Freer	128
SCHINK Dermatomo	6
SCHMEDEN pinza nasale tagliente	121
SCULPO divaricatori con camicia per chirurgia plastica	79
Sega nasale angolata Joseph	139
Sega nasale Joseph	138

SEMKEN pinze 1x2 denti	43
------------------------------	----

SEMKEN pinze anatomiche	43
-------------------------------	----

Separatori mammari Agris-Dingman	81
--	----

Separatori mammari	
--------------------	--

MacCollum-Dingmann	81
--------------------------	----

Separatori mammari LOCKWOOD	82
-----------------------------------	----

Separatori mammari REYNOLDS (Transauxillary)	81
--	----

Separatori mammari Silverstein	82
--------------------------------------	----

Separatori mammari Tebbetts	81
-----------------------------------	----

Sgorbia Freer	132
---------------------	-----

Sgorbia Hajek	132
---------------------	-----

Sgorbia Killian	130
-----------------------	-----

Sgorbia Killian-Claus	132
-----------------------------	-----

Sgorbia nasale West	132
---------------------------	-----

Sgorbia periototomo Boies	102
---------------------------------	-----

SHEEHAN scalpelli nasale	127
--------------------------------	-----

SILVER dermatomo	7
------------------------	---

SILVER osteotomo nasale	130
-------------------------------	-----

SILVERSTEIN separatori mammari	82
--------------------------------------	----

SINGLEY pinze per tessuti	45
---------------------------------	----

SINUS elevatore per setto	103
---------------------------------	-----

Spatola	80
---------------	----

Spatole addominali Ribbon	66
---------------------------------	----

Spazzolino	138
------------------	-----

Specoli nasal	112
---------------------	-----

Specoli nasal Cottle	115-116
----------------------------	---------

Specoli nasal Hartmann	111
------------------------------	-----

Specoli nasal Hartmann-Halle	110
------------------------------------	-----

Specoli nasal Killian	113-114
-----------------------------	---------

Specoli nasal Tieck-Halle	112
---------------------------------	-----

Specoli nasal, mod. Wien	112
--------------------------------	-----

SPENCER forbici taglia fili	28
-----------------------------------	----

SPINA-NASALIS divaricatore	148
----------------------------------	-----

STEVENS forbici delicate	24
--------------------------------	----

STILLE pinza chirurgica	37
-------------------------------	----

STILLE pinze anatomiche	36
-------------------------------	----

STILLE-BARRAYA pinze	
----------------------	--

chirurgiche	45
-------------------	----

STRANDELL-STILLE divaricatori	74
-------------------------------------	----

Strumenti per labbra e palato	105
-------------------------------------	-----

Strumenti per labbra e palato Blair	106
---	-----

Strumento per marcare	
-----------------------	--

D'Assumpcao	3
-------------------	---

Strumento per marcare Lockwood	3
--------------------------------------	---

Strumento per marcare Pitanguy	3
--------------------------------------	---

Strumento per marcare, Ackermann	5
--	---

Strumento per marcare, FREEMAN	4
--------------------------------------	---

Strumento per marcare, GROSSMAN	4
---------------------------------------	---

Strumento per marcare, Halpren	5
--------------------------------------	---

Strumento per marcare, McKissock	5
--	---

T

TAKAHASHI pinza nasale tagliente	121
--	-----

TAYLOR pinza a baionetta	44
--------------------------------	----

TAYLOR pinza anatomica	44
------------------------------	----

TAYLOR pinza chirurgica 1x2	44
-----------------------------------	----

TEBBETTS divaricatori	78
-----------------------------	----

TEBBETTS Separatori mammari	81
-----------------------------------	----

Telaio solo per Davis Boyle	142
-----------------------------------	-----

Telaio solo per Davis-Meyer	144
-----------------------------------	-----

Telaio solo per Dingmann	143
--------------------------------	-----

Telaio solo per Kilner-Doughty	143
--------------------------------------	-----

TESSIER divaricatore	150
----------------------------	-----

TESSIER Osteotomo	151
-------------------------	-----

TIECK HALLE specoli nasali	112
----------------------------------	-----

Tritacartilagine Cottle	133
-------------------------------	-----

Tritacartilagine Jost	133
-----------------------------	-----

TROELTSCH pinze auricolari	57
----------------------------------	----

TYRELL uncinetto acuto	69
------------------------------	----

U

Uncinetto acuto Frazier	70
-------------------------------	----

Uncinetto acuto Graefe	69
------------------------------	----

Uncinetto acuto per pelle	
---------------------------	--

Kleinert-Kutz	70
---------------------	----

Uncinetto acuto Tyrell	69
------------------------------	----

Uncinetto doppio acuto Guthrie	69
--------------------------------------	----

Uncinetto doppio per pelle Humby	71
--	----

Uncinetto doppio smusso Guthrie	69
---------------------------------------	----

Uncinetto per pelle Barsky	71
----------------------------------	----

Uncinetto smusso Frazier	70
--------------------------------	----

Uncinetto smusso Graefe	69
-------------------------------	----

Uncini Millard	84
----------------------	----

Uncini per dura-madre Adson	85
-----------------------------------	----

Uncini per nervi Crile	85
------------------------------	----

Uncini per nervi Cushing	85
--------------------------------	----

Uncini per nervi destra e sinistra	77
--	----

Uncini per pelle Anderson.....84
Uncino mucosa Joseph.....70

V

VOLKMANN divaricatori.....73

W

WAGNER forbici delicate25
WALSHAM pinza per raddrizzare il
setto nasale140
WALTER/CONVERSE/WILMER
forbici delicate.....22
WATSON dermatomo7
WAUGH pinze chirurgiche.....41
WEBSTER portaghi.....91
WEIL BLAKESLEY pinza tagliente
nasale120
WEITLANER divaricatori76
WEST osteotomo nasale132
WEST sgorbia nasale132
WESTMACOTT pinza per medicature
.....117
WIEDER abbassalingua141
WIENER divaricatori.....86
WIENER raspa nasale.....134
WILDE (TROELTSCH) pinza
auricolare.....57
WILLIGER dissettori.....101

Y

YANCOSKIE divaricatori83

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Other catalogues and prospects

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ENT

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