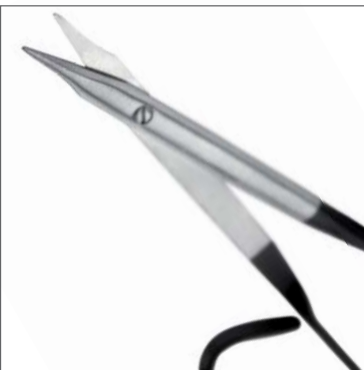




Katalog instrumenata za plastičnu kirurgiju



Plastische Chirurgie
Plastic Surgery
Cirugía Plástica
Chirurgia Plastica



Reda Instrumente GmbH

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Ausgabe Nr. 2
Datum: 09/2011

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

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

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

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

GARANTIE / WARRANTY / GARANTIA / GARANZIA

GARANTIE

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

WARRANTY

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

GARANTIA

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

GARANZIA

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

Arbeitsanweisung **Aufbereitung (Reinigung) und Sterilisation von resterilisierbaren** **chirurgischen Instrumenten**

DIN EN ISO 17664:2004 (D)

Hersteller:
REDA Instrumente GmbH, Gänsäcker 34
78532 Tuttlingen

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

Reinigungsvorbereitung

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

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

Überfüllung von Instrumentensieben und Wasch-Trays vermeiden.

Gelenkinstrumente vor dem Aufbereiten öffnen. Zerlegbare Instrumente gemäß Bedienungsanleitung (Piktogramm) zur Reinigung zerlegen. Reinigungsgerechtes Zubehör verwenden. Für die manuelle Reinigung nie Metallbürsten oder Metallschwämme verwenden. Spülmaschinen und Ultraschallanlagen nicht überladen. Spül- oder Schallschatten vermeiden. Dosierung, Einwirkzeit und Einwirktemperatur bei der Desinfektion und Reinigung unbedingt einhalten. Nach der Reinigung sorgfältig spülen. Möglichst vollentsalztes (demineralisiertes) Wasser verwenden. Nach dem Spülen ausreichend trocknen. Abgenutzte, korrodierte, deformierte, poröse oder anderweitig beschädigte Instrumente aussortieren.

Aus hygienischen Gründen müssen Instrumente, die zur Reparatur eingesandt werden komplett aufbereitet werden. Gelenkinstrumente nach jeder Aufbereitung mit einem Pflegemittel auf Basis von Paraffinöl behandeln (gilt nicht für flexible Endoskope und Zubehör). Funktionsprüfung in zusammengebautem Zustand durchführen. Instrumente mit Rastensperre vor der Sterilisation nur im ersten Zahn schließen.

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

Sterilisation ist kein Ersatz für Sauberkeit!

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

Reda Instrumente GmbH
78532 Tuttlingen

IMPORTANT INFORMATION CONCERNING PREPARING AND STERILIZING SURGICAL INSTRUMENTS

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

1. INITIAL USE

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

2. TREATING INSTRUMENTS AFTER USAGE

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

3. TESTING FOR CORRECT FUNCTIONING

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

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

4. STERILIZATION

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

5. IN GENERAL

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

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

SUGERENCIAS PARA LA LIMPIEZA, ESTERILIZACIÓN Y MANTENIMIENTO DE INSTRUMENTOS QUIRÚRGICOS

ENJUAGADO

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

LIMPIEZA

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

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

a.- Limpieza en la pila de ultrasonido

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

Los instrumentos con bisagras o juntas (articulaciones) tienen que sumergirse en la pila 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 concienzudamente los instrumentos con agua corriente tras lavado con ultrasonidos para quitar los residuos de la solución de lavado.

b.- Limpieza con lavadora

Seguir las indicaciones del fabricante. Asegurarse de que los instrumentos hayan sido 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 concienzudamente los instrumentos más delicados y, si es posible, enjuagar, limpiar y esterilizar estos instrumentos separadamente.
- Verificar que toda la superficie de estos instrumentos esté limpia.
- Tras haber cepillado los instrumentos, 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 juntas y asegurarse de que las partes internas de las bisagras estén perfectamente enjuagadas como la superficie externa del instrumento.

SECADO, LUBRIFICACIÓN E INSPECCIÓN

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

Todos los instrumentos con juntas 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 cánulas metálicas de aspiración estén bien limpias en su interior.
- Los instrumentos cortantes y los bisturíes tengan las hojas bien afiladas y no estropeadas.

ESTERILIZACIÓN EN AUTOCLAVE

Tras haber enjuagado, limpiado, secado, 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 preceder con el ciclo desecado según las instrucciones del fabricante. Si la portezuela del autoclave se abre completamente antes del ciclo de secado, el aire frío de la habitación entraría en la cámara del autoclave causando la formación de condensación sobre los instrumentos y de consecuencia aparecerían las manchas de agua que vemos a menudo en los mismos.

ESTERILIZACIÓN EN FRÍO:

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

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

Recuerde bien la diferencia entre:

ESTÉRIL - término absoluto (ningún organismo logra sobrevivir) y

DESINFECTADO - perfectamente limpio.

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

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

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

Si se tratan en el modo correcto los instrumentos contruidos 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°!

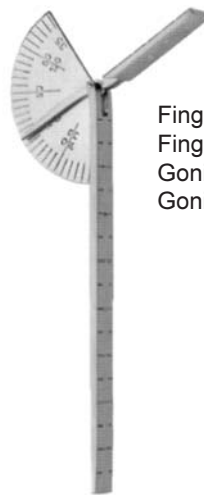
Prima della sterilizzazione, assicurarsi che gli strumenti siano perfettamente funzionanti ed integri. La sterilizzazione non sostituisce la pulitura.

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



Winkelmesser
Goniometer
Goniómetro
Goniometro

MOELTGEN
03312-01
24 cm, 9 1/2"



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

03314-01
13 cm, 5 1/8"



03340-10	10 cm	4"
03340-15	15 cm	6"
03340-20	20 cm	8"
03340-30	30 cm	11 3/4"
03340-50	50 cm	19 3/4"

Markierungsinstrumente
Marking Instruments
Instrumentos para marcar
Strumenti per marcare

Facelift-Markierer
Facelift marker
Marcador para facelift
Marcatore per facelift



PITANGUY
03370-16
16 cm, 6 $\frac{1}{4}$ "



D'ASSUMPACO
03380-30
28 cm, 11"



LOCKWOOD
03390-30
32,5 cm, 12 $\frac{3}{4}$ "

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



McKISSOCK

03400-38 38 mm, 1½"
03400-42 42 mm, 1⅔"
03400-45 45 mm, 1¾"



FREEMAN

03500-38 38 mm, 1½"
03500-42 42 mm, 1⅔"
03500-44 45 mm, 1¾"



0-20 mm

CASTROVIEJO

43583-07 7 cm, 2¾"
43583-18 18 cm, 7"



COLLIER

73193-30
30 cm, 11¾"

Dermatome
Dermatome
Dermàtomo
Dermatomo



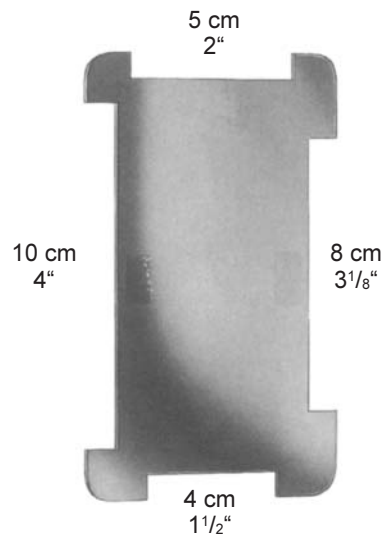
SCHINK
07490-00
30 cm, 11³/₄"

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
Dermátomo
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)



07103-03
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, 5¹/₈"
07109-15 15,5 cm, 6"

Skalpellklingen
Scalpel Blades, Sterile
Hojas de bisturí, estéril
Lame per bisturi, sterili



07110-00



07111-00



07112-00



07113-00



07115-00



07116-00



07118-00



07119-00



07120-00



07121-00



07122-00



07123-00



07124-00



07125-00



Packung mit 100 Stück
box of 100 each
en cajas de 100 unidades
confezione di 100 pezzi

Skalpellklingen-Entferner
Scalpel Blade Remover
Quita hojas
Togli lama

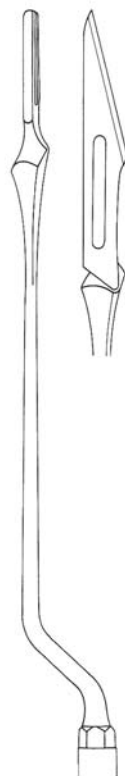


07130-00

Skalpellgriffe
Scalpel Handles
Mangos de bisturíes
Manici per lama bisturi



LANDOLT
93385-21 21 cm, 8¹/₄"
93385-25 25 cm, 10"



93390-21 21 cm, 8¹/₄"

Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione



MAYO



09160-14	14 cm, 5 $\frac{1}{2}$ "	09161-14
09164-14 TC	14 cm, 5 $\frac{1}{2}$ "	09165-14 TC
09962-14 SC	14 cm, 5 $\frac{1}{2}$ "	09963-14 SC
09160-17	17 cm, 6 $\frac{3}{4}$ "	09161-17
09164-17 TC	17 cm, 6 $\frac{3}{4}$ "	09165-17 TC
09962-17 SC	17 cm, 6 $\frac{3}{4}$ "	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, 6³/₄"



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

16 cm, 6 1/4"

09194-16 TC

16 cm, 6 1/4"



09191-16

09195-16 TC



LEXER-BABY



09202-10

10 cm, 4"

09206-10 TC

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, 4³/₄"	09285-12 TC
09966-11 SC	12 cm, 4³/₄"	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
09274-18 TC

15 cm, 6"
18 cm, 7"

09275-15 TC
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

09282-23
09286-23 TC

23 cm, 9"
23 cm, 9"

09283-23
09287-23 TC

Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione



SANVENERO



09302-14

14 cm, 5 1/2"



09303-14



JOSEPH



09304-14

14 cm, 5 1/2"



09305-14

Präparierscheren
Dissecting Scissors
Tijeras de disección
Forbici per dissezione

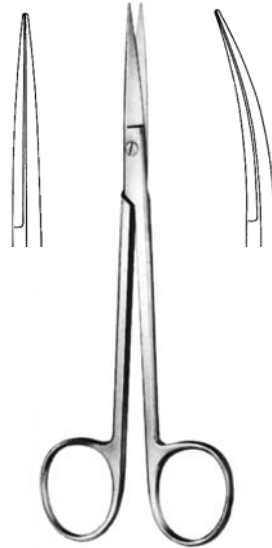


09310-12	12 cm, 4 ³ / ₄ "
09314-12 TC	12 cm, 4³/₄"
09995-12 SC	12 cm, 4³/₄"
09310-15	15 cm, 6"

KILNER (RAGNELL)



REYNOLDS (JAMESON)	
09321-15	15 cm, 6"
09993-15 SC	15 cm, 6"
09321-18	18 cm, 7"



KELLY		
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, 6 ¹ / ₄ "	09545-16 SC

Feine Scheren
Delicate Scissors
Tijeras finas
Forbici delicate



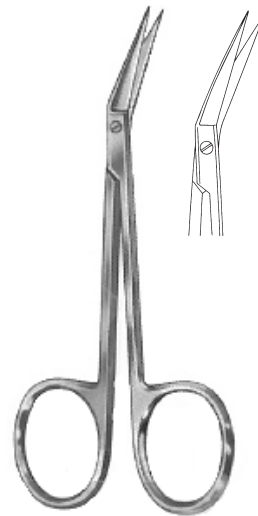
IRIS

09340-09	9 cm, 3 $\frac{1}{2}$ "	09341-09
09340-10	10 cm, 4"	09341-10
09340-11	11 cm, 4 $\frac{3}{8}$ "	09341-11
09344-11 TC	11 cm, 4$\frac{3}{8}$"	09345-11 TC
09980-11 SC	11 cm, 4$\frac{3}{8}$"	09981-11 SC



BONN

09342-08 8 cm, 3 $\frac{1}{8}$ " 09343-08



IRIS

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

Feine Scheren
Delicate Scissors
Tijeras finas
Forbici delicate



KNAPP
10 cm, 4"



09348-01



09348-02



09348-03



09348-04



09348-05



09348-06

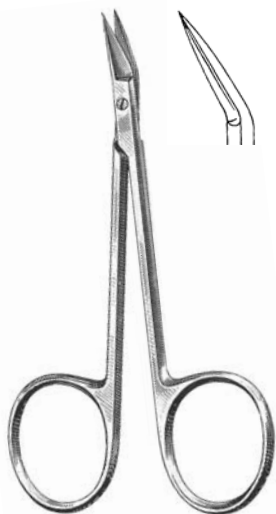
Feine Scheren
Delicate Scissors
Tijeras finas
Forbici delicate



LITTLER
09349-12
12 cm, 4³/₄"



GRAEFE
09350-10
10 cm, 4"

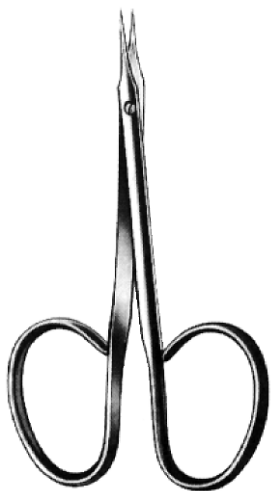


CONVERSE/WILMER/WALTER
09352-10
10 cm, 4"

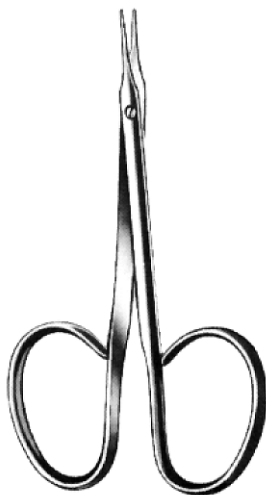


COTTLE
09358-11
11 cm, 4³/₈"

Feine Scheren
Delicate Scissors
Tijeras finas
Forbici delicate



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



— 09352-09 9,5 cm, 3³/₄" 09353-09

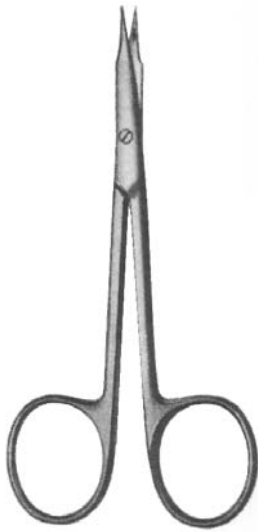


— 09354-10 10 cm, 4" 09355-10



— 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



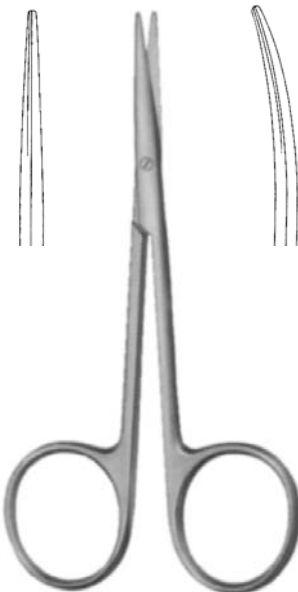
stumpf
blunt
romo
smussi



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"



09828-12



09826-12



09824-12
09982-12SC



WAGNER
12 cm, 4³/₄"



09823-12

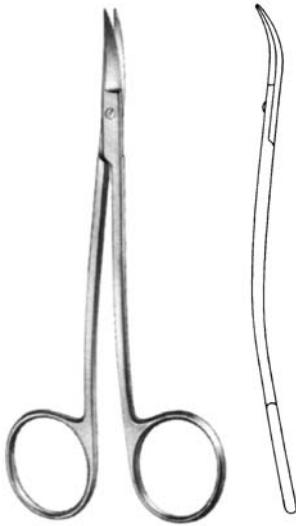


09829-12



09825-12
09983-12 SC

Zahnfleischscheren
Gum Scissors
Tijeras para encias
Forbici gengivali



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"



COTTLE
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, 3½"
09802-11 11 cm, 4⅜"



LITTAUER
09804-14
14 cm, 5½"



O'BRIEN
09805-09
9 cm, 3½"

Knorpelscheren/Zahnfleischscheren
Cartilage Scissors/Gum Scissors
Tijeras para cartilago/Tijeras para encías
Forbici per cartilagine/Forbici gengivali



MC INDOE
09614-19
19 cm, 7 1/2"

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

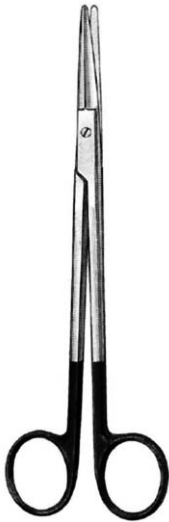


09820-13

GOLDMAN-FOX
13 cm, 5 1/8"

09821-13
09821-13SC

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



GORNEY



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



GORNEY-FREEMAN

10061-19

19 cm, 7 1/2"

10061-19 TC

19 cm, 7 1/2"

10061-19 SC

19 cm, 7 1/2"

10061-23

23 cm, 9"

10061-23 TC

23 cm, 9"

10061-23 SC

23 cm, 9"

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

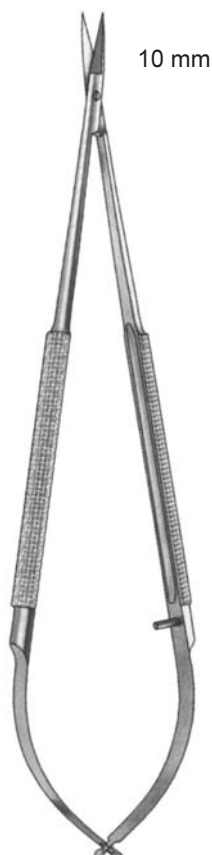
10201-11 11,5 cm 4 $\frac{1}{2}$ "
10201-11SC 11,5 cm 4 $\frac{1}{2}$ "



KAYE

10206-11	11,5 cm, 4 $\frac{1}{2}$ "	10207-11
10206-11SC	11,5 cm, 4$\frac{1}{2}$"	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
10202-14T

10203-14
10203-14T

18 cm
7"

10202-18
10202-18T

10203-18
10203-18T

21 cm
8¹/₄"

10202-21
10202-21T

10203-21
10203-21T

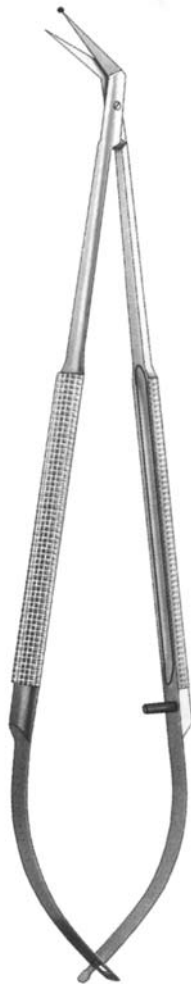
23 cm
9"

10202-23

10203-23

T= Titan, titanium, titanio, titanio

Mikro Scheren
Micro Scissors
Micro tijeras
Micro Forbice



18 cm 7"



25°

10220-25

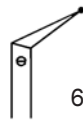
10220-25T



45°

10220-45

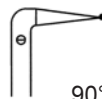
10220-45T



60°

10220-60

10220-60T



90°

10220-90

10220-90T



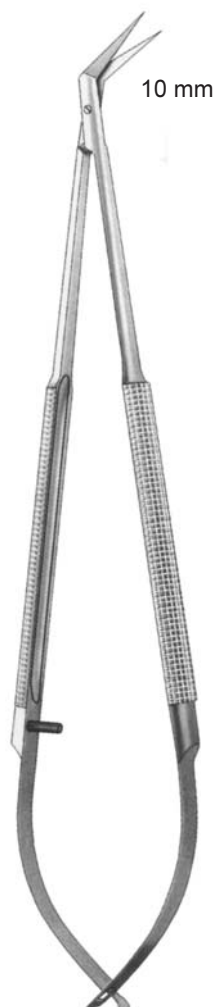
125°

10220-00

10220-00T

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

11104-13

11106-13

14,5 5 3/4"

11102-14

11103-14

11104-14

15,0 6"

11106-15

15,5 6"

11104-15

16,0 6 1/4"

11102-16

18,0 7"

11102-18

11104-18

20,0 8"

11102-20

21,0 8 1/4"

11104-21

schmal
narrow
estrecha
stretta



POTTS-SMITH



POTTS-SMITH
1x2

cm

11,5 4 1/2"

11110-11

13,0 5 1/8"

11110-13

14,5 5 3/4"

11110-14

11114-14 TC

16,0 6 1/4"

11110-16

11114-16 TC

18,0 7"

11110-18

11112-18

11116-18 TC

11126-18

20,0 8"

11110-20

11114-20 TC

21,0 8 1/4"

11110-25

11112-21

11116-21 TC

11126-21

25,0 10"

11110-25

11114-25 TC

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	11160-16			
18,0	7"	11132-18 TC	11140-18					
20,0	8"	11132-20 TC	11140-20					

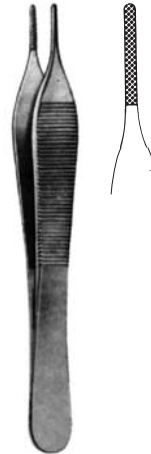
Anatomische und chirurgische Pinzetten
Dressing and Tissue Forceps
Pinzas de disección sin/con dientes
Pinze per dissezione, chirurgiche/anatomiche



ADSON
11170-12 12,0 cm, 4 $\frac{3}{4}$ "
11170-15 15,0 cm, 6"



ADSON
11170-12F 12 cm, 4 $\frac{3}{4}$ "



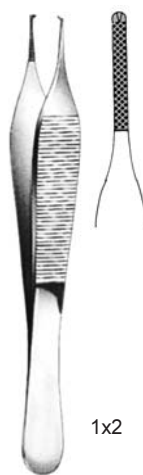
ADSON
11174-12 TC 12,0 cm, 4 $\frac{3}{4}$ "
11174-15 TC 15,0 cm, 6"



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



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



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



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

1x2

2x3

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



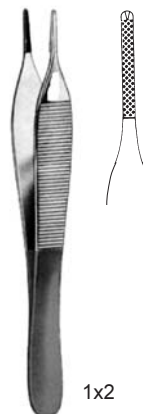
1x2

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



1x2

ADSON
11180-12F 12 cm, 4 $\frac{3}{4}$ "



1x2

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



BEASELEY BABCOCK
11182-12 12 cm, 4 $\frac{3}{4}$ "



1x2

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



1x2

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

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



7x7

ADSON-BROWN

11188-12 12,0 cm, 4 $\frac{3}{4}$ "

11188-15 15,0 cm, 6"

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



7x7

ADSON-BROWN

11188-12F 12 cm, 4 $\frac{3}{4}$ "



7x7

ADSON-BROWN

11191-12 12 cm, 4 $\frac{3}{4}$ "

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



1x2

WAUGH

- 11187-18 18 cm, 7"
- 11187-20 20 cm, 8"
- 11187-25 25 cm, 10"
- 11187-30 30 cm, 11 3/4"



9x9

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

CUSHING
11220-17

- 11224-17 TC**
17,0 cm, 6 3/4"



11223-17

CUSHING
11222-17

- 11225-17 TC**
17,0 cm, 6 3/4"

1x2



5x6

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"



1x2

McINDOE
11257-15
15,0 cm, 6"



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

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



SEMKEN

11260-12 12,5 cm, 5"

11260-15 15,5 cm, 6"

11261-15 TC 15,5 cm, 6"



1x2

SEMKEN

11270-12 12,5 cm, 5"

11270-15 15,5 cm, 6"

11271-15 TC 15,5 cm, 6"

11271-18 TC 18 cm, 7"



1x2

GILLIES

11272-15 15,5 cm, 6"

11273-15 TC 15,5 cm, 6"



11274-06
0,6 mm

11274-08
0,8 mm

11274-10
1,0 mm

15,5 cm, 6"



GERALD

11302-17 17,5 cm, 6.9"

11302-23 23,0 cm, 9"

11304-17 TC 17,0 cm, 6 3/4"



GERALD
11303-17
17,5 cm, 6.9"

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



GERALD
11305-17
17,5 cm, 6.9"



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



GERALD
11311-17
17,5 cm, 6.9"



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



GERALD
11313-17
17,5 cm, 6.9"



11314-01



11314-02

TAYLOR
17 cm, 6 3/4"



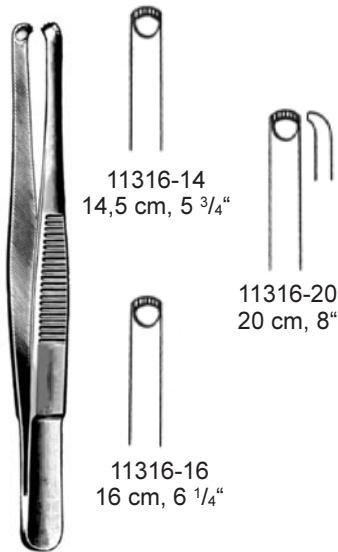
11315-01



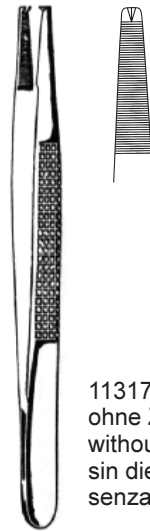
11315-02

TAYLOR
17 cm, 6 3/4"

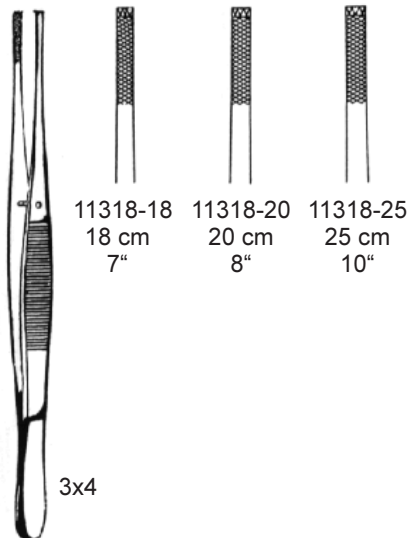
Anatomische und chirurgische Pinzetten
Dressing and Tissue Forceps
Pinzas de disección sin/con dientes
Pinze per dissezione, chirurgiche/anatomiche



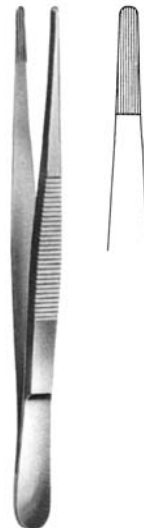
DURANTE



BONNEY
18 cm, 7"



STILLE-BARRAYA



OCHSNER
11319-14
14,5 cm, 5 3/4"



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

3



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

3c



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

Fig.: 4



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

5



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

7



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

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



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



	0,3 mm	0,8 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



1x2

	0,3 mm	0,3 mm
15 cm, 6"	12090-15D	12091-15D
	0,4 mm	0,4 mm
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

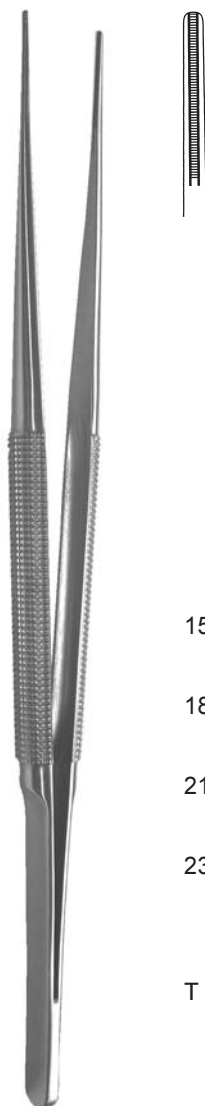
Mikro- Ring-Pinzette mit diamantiertem Maul + TITAN
 Micro Ring Forceps with Diamond Jaw + Titanium
 Micro Pinzas con anillo con boca de diamante + Titanio
 Micro Pinza ad anello con morso diamantato +Titanio



	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
18 cm, 7"	12117-18 TC	12118-18 TC
21 cm, 8 ¹ / ₄ "	12117-21 TC	12118-21 TC
23 cm, 9"	12117-23 TC	12118-23 TC

De BAKEY TC

Atraumatische Pinzetten
Atraumatic Tissue Forceps
Pinzas atraumaticas
Pinze Atraumatiche



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



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"



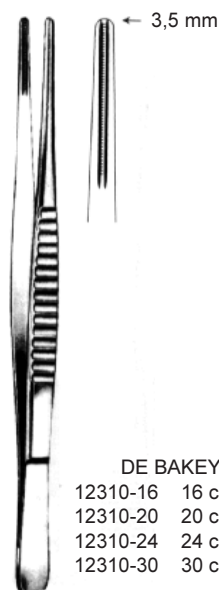
DE BAKEY
12308-16 16 cm, 6 1/4"
12308-20 20 cm, 8"
12308-24 24 cm, 9 1/2"
12308-30 30 cm, 11 3/4"



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"



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"



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



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



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"



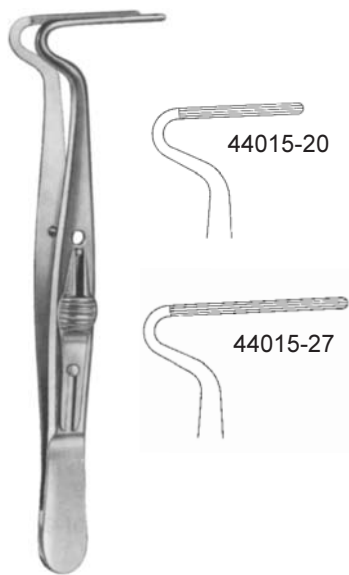
1x2

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

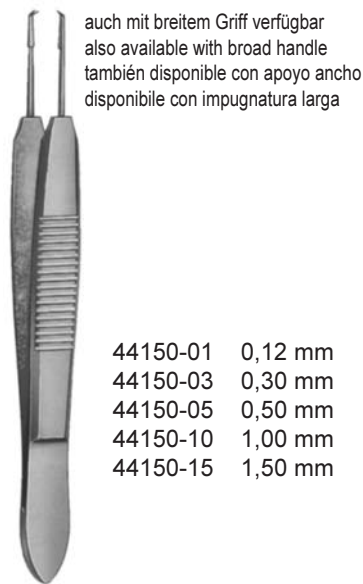


MOD. TUEBINGEN
43953-10
10 cm, 4"

Muskelpinzetten, Nahtpinzetten, Chalazionspinzetten, Cilienpinzetten
 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



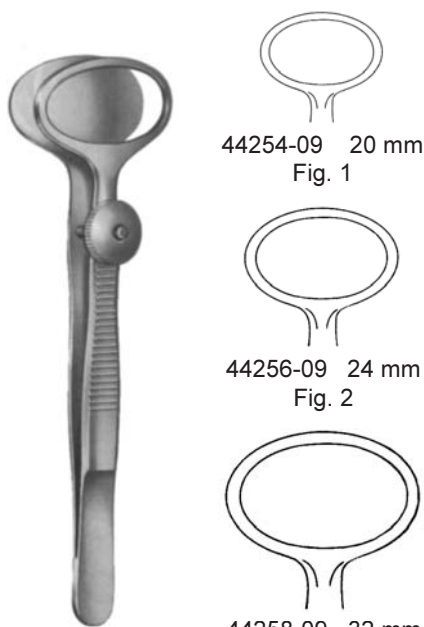
BERKE
 10 cm, 4"



auch mit breitem Griff verfügbar
 also available with broad handle
 también disponible con apoyo ancho
 disponibile con impugnatura larga

44150-01 0,12 mm
 44150-03 0,30 mm
 44150-05 0,50 mm
 44150-10 1,00 mm
 44150-15 1,50 mm

CASTROVIEJO
 10 cm, 4"



DESMARRES
 9 cm, 3 1/2"



BARRAQUER
 44425-10 10,5 cm, 4.1"

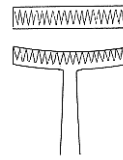
Fixierpinzetten
Fixation forceps
Pinzas para fijación
Pinze fissatrici



GREEN
10 cm, 4"



44076-05
5 mm

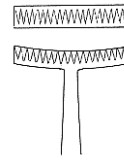


44076-10
10 mm

ohne Sperre
without catch
sin cierre
senza cremagliera



44078-05
5 mm



44078-10
10 mm

mit Sperre
with catch
con cierre
con cremagliera

Ohrpinzetten, Columellapinzette
 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"
 45206-16 16 cm, 6¹/₄"



COTTLE
 45208-14 14 cm, 5¹/₂"



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



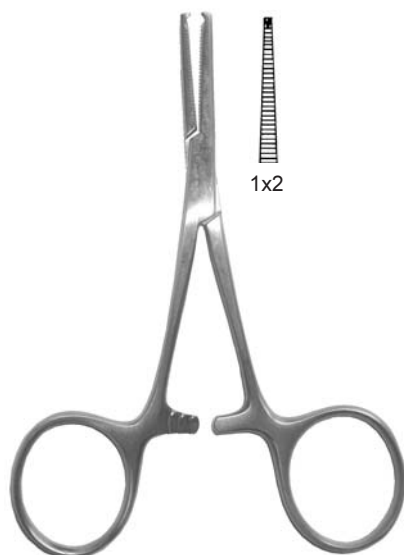
HARTMANN
13210-10 10 cm, 4"

Micro - HARTMANN
13214-10 10 cm, 4"

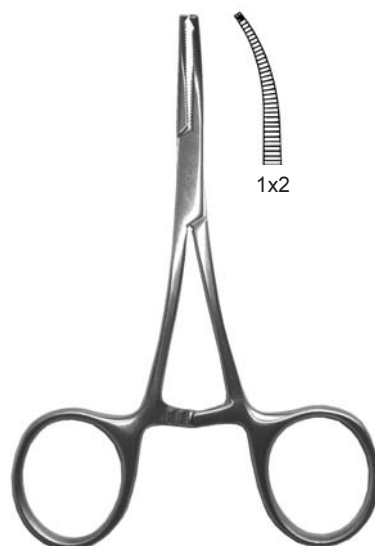


HARTMANN
13211-10 10 cm, 4"

Micro - HARTMANN
13215-10 10 cm, 4"

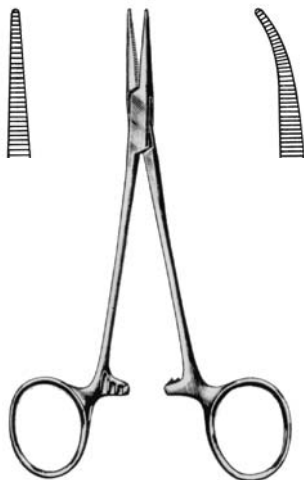


HARTMANN
13212-10 10 cm, 4"



HARTMANN
13213-10 10 cm, 4"

Arterienklemmen
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	

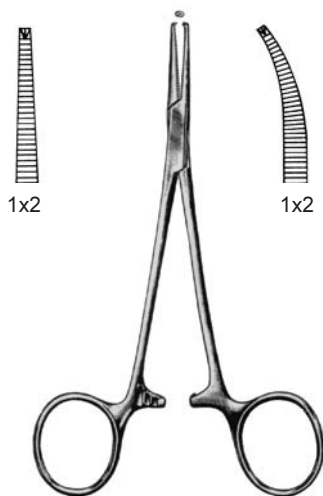


HALSTED-MOSQUITO micro

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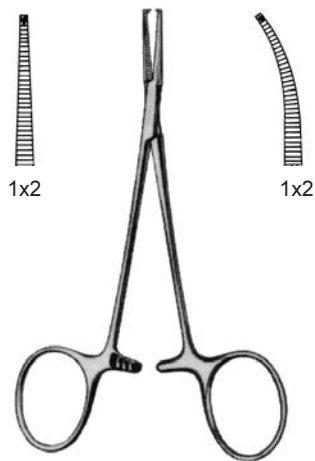
JACOBSEN micro

13226-12	21,0 cm, 8¼"	13227-12
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HALSTED-MOSQUITO

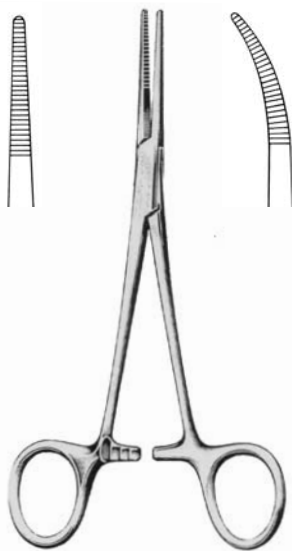
13230-12	12,5 cm, 5"	13231-12
13230-14	14,0 cm, 5½"	13231-14
13230-18	18,0 cm, 7"	13231-18
13230-21	21,0 cm, 8¼"	13231-21



HALSTED-MOSQUITO micro

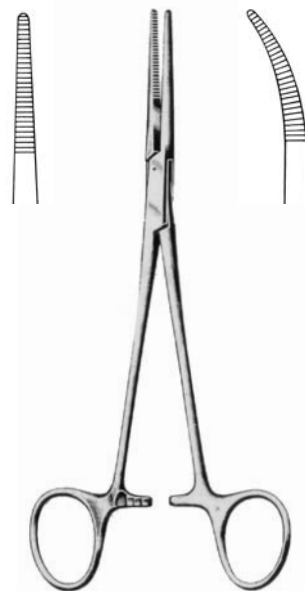
13232-12	12 cm, 4¾"	13233-12
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Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinze emostatiche



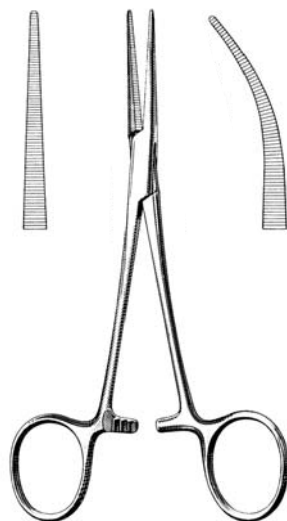
KELLY

13240-14	14 cm, 5½"	13241-14
13240-18	18 cm, 7"	13241-18
13244-14	14 cm, 5½"	13245-14



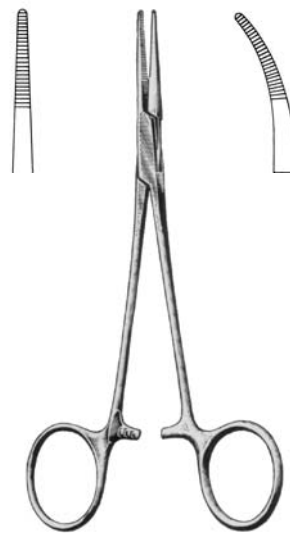
KELLY-RANKIN

13242-16	16 cm, 6¼"	13243-16
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COLLER-CRILE

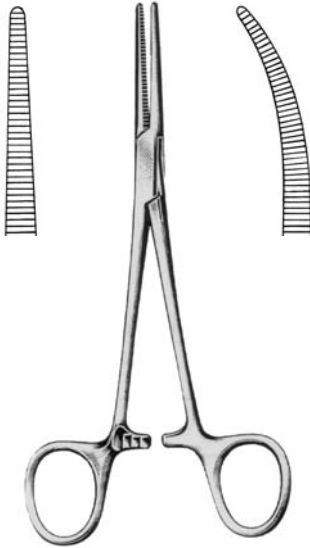
13256-14	14 cm, 5½"	13257-14
13258-16	16 cm, 6¼"	13259-16



PROVIDENCE-HOSPITAL

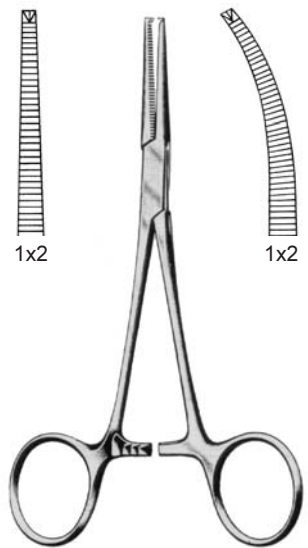
13270-14	14 cm, 5½"	13271-14
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Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinze emostatiche



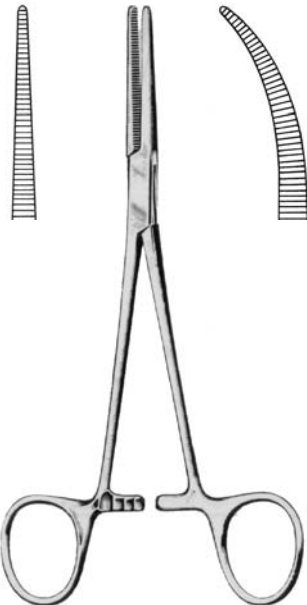
CRILE

13250-14	14 cm, 5½"	13251-14
13250-18	18 cm, 7"	13251-18
13254-14	14 cm, 5½"	13255-14



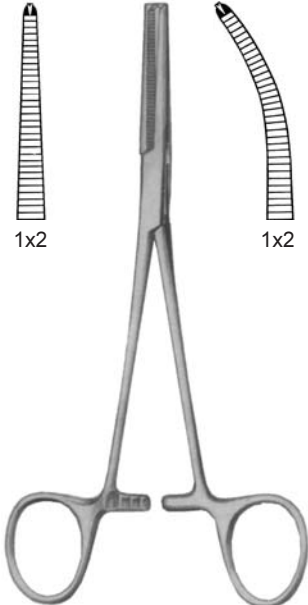
CRILE

13260-14	14 cm, 5½"	13261-14
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CRILE-RANKIN

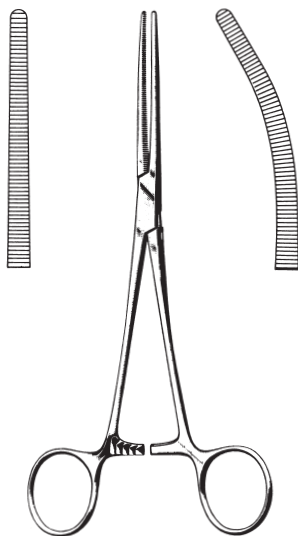
13262-16	16 cm, 6¼"	13263-16
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CRILE-RANKIN

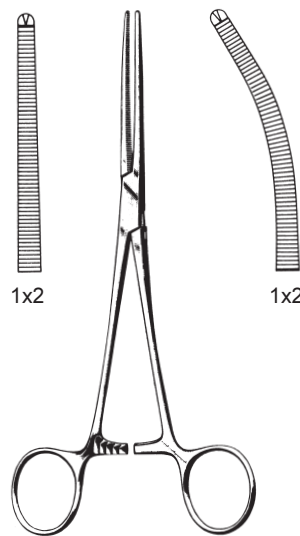
13264-16	16 cm, 6¼"	13265-16
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Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinze emostatiche



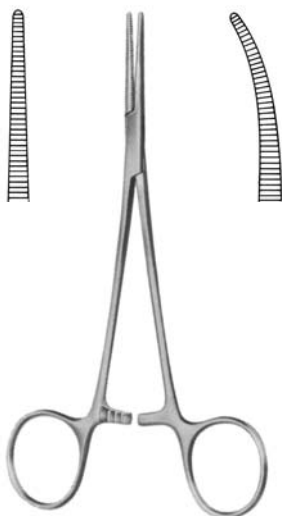
ROCHESTER-PEAN

13310-13 13,0 cm, 5¹/₈" 13311-13
13310-14 14,0 cm, 5¹/₂" 13311-14
13310-16 16,0 cm, 6¹/₄" 13311-16



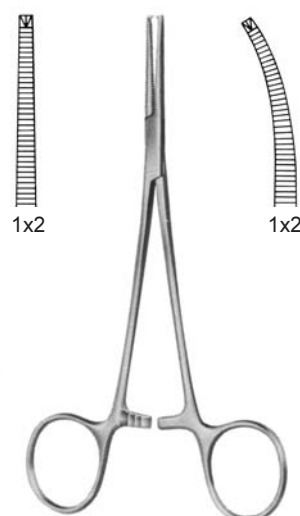
ROCHESTER-OGHSNER

13320-13 13,0 cm, 5¹/₈" 13321-13
13320-14 14,0 cm, 5¹/₂" 13321-14
13320-16 16,0 cm, 6¹/₄" 13321-16



LERICHE

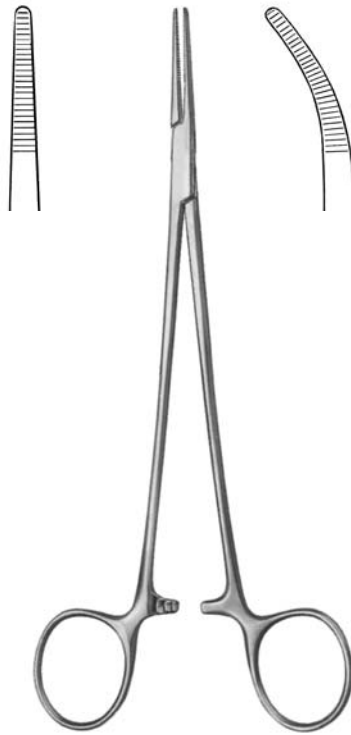
13380-15 15 cm, 6" 13381-15



LERICHE

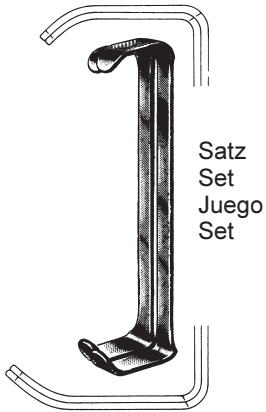
13382-15 15 cm, 6" 13383-15

Arterienklemmen
Artery Forceps
Pinzas hemostáticas
Pinze emostatiche



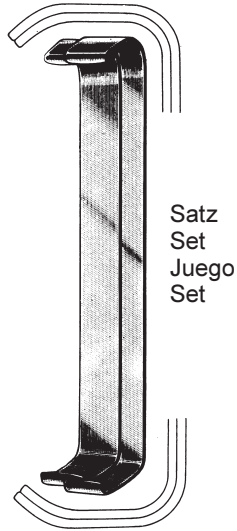
ADSON
13410-18 18,5 cm, 7¹/₄" 13411-18

Wundhaken
Retractors
Separadores
Divaricatori



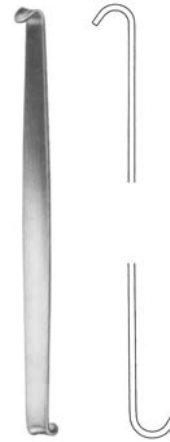
Satz
Set
Juego
Set

FARABEUF
19102-12
12 cm, 4³/₄"



Satz
Set
Juego
Set

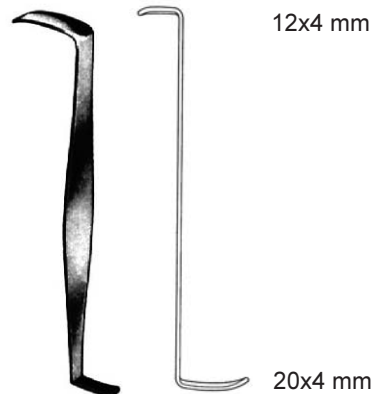
FARABEUF
19102-15
15 cm, 6"



ROUX mini
19124-15
14 cm, 5¹/₂"



RAGNELL
19125-14
14 cm, 5¹/₂"



CRILE
19127-11
13 cm, 5¹/₈"

Bauch- und Darmspatel, biegsam
Abdominal and Intestinal Spatulas, malleable
Espátulas abdominales e intestinales, maleables
Spatole addominali e intestinali, malleabili



RIBBON

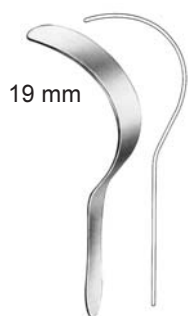
19168-06	6x200 mm
19168-08	8x200 mm
19168-10	10x200 mm
19168-12	12x200 mm
19168-17	17x200 mm
19168-20	20x200 mm
19168-25	25x200 mm
19169-25	25x250 mm



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



19 mm

DEAYER
19180-19
19 cm, 7½"



22 mm

DEAYER
19181-22
21,5 cm, 8½"



25 mm

DEAYER
19181-25
23 cm, 9"



25 mm

DEAYER
19183-25
30 cm, 11¾"



25 mm

DEAYER
19185-25
33 cm, 13"



25 mm

DEAYER
19187-25
36 cm, 14"

Wundhaken
Retractors
Separadores
Divaricatori



FREEMAN
19188-12
20 cm, 8", 12 mm wide



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

FREEMAN
19188-12CL
20 cm, 8", 12 mm wide

Feine Wundhaken
Retractors
Separadores
Divaricatori



GRAEFE
19210-12

scharf
sharp
agudo
acuto



GRAEFE
19211-12

stumpf
blunt
romo
smusso



12 cm, 4³/₄"



GUTHRIE
19212-01

scharf
sharp
agudo
acuto



GUTHRIE
19212-02



TYRELL
19213-12
12 cm, 4³/₄"

scharf
sharp
agudo
acuto

Feine Wundhaken
Retractors
Separadores
Divaricatori



FRAZIER

A	B
scharf	stumpf
sharp	blunt
agudo	romo
acuto	smusso

A 19214-13	13 cm, 5 ¹ / ₈ "
A 19214-18	18 cm, 7"
B 19215-13	13 cm, 5 ¹ / ₈ "
B 19215-18	18 cm, 7"



LAHEY
12 cm, 4³/₄"

19215-01



19215-02



19215-03



JOSEPH
16 cm, 6¹/₄"



19216-01
1 mm



19216-02
2 mm



19216-05
5 mm



19216-07
7 mm



19216-10
10 mm



KLEINERT-KUTZ
13 cm, 5¹/₈"



19217-03



19217-05



19217-07

Feine Wundhaken
Retractors
Separadores
Divaricatori



BARSKY
19218-01
15 cm, 6"

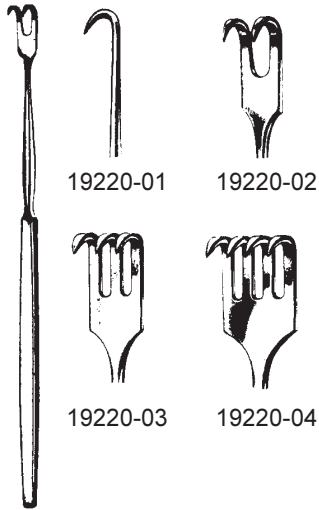


BARSKY
19218-02
15 cm, 6"

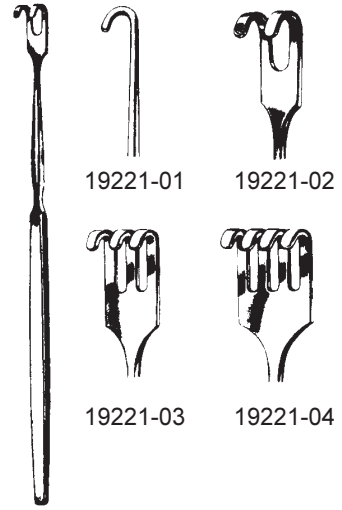


HUMBY
19218-11
11,5 cm, 4 1/2"

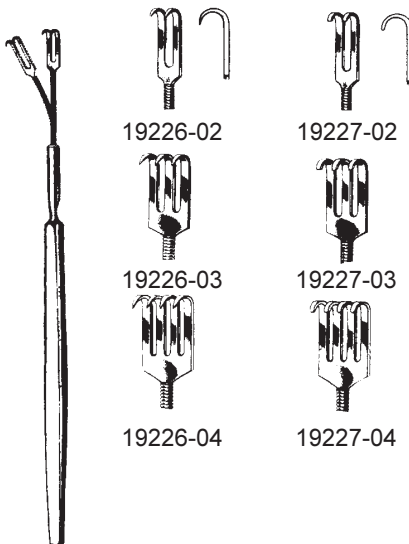
Wundhaken
Retractors
Separadores
Divaricatori



Reda
16 cm, 6 1/4"



Reda
16 cm, 6 1/4"



Reda, flexibel
16 cm, 6 1/4"



KLAPP
17,5 cm, 6.9"

Wundhaken
Retractors
Separadores
Divaricatori



DESMARRES
19230-00 16 cm, 6 1/4"



19230-10 10 mm



19230-16 16 mm



19230-12 12 mm



19230-18 18 mm



19230-14 14 mm



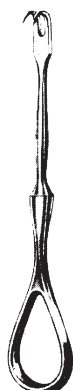
DESMARRES
19234-00 14 cm, 5 1/2"

8 mm

10 mm



KASDAN
19237-16 16 cm, 6 1/4"



VOLKMANN
11,5 cm, 4 1/2"



19270-02



19271-02



19270-03



19271-03



19270-04



19271-04



19270-06



19271-06

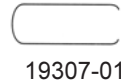
Wundhaken
Retractors
Separadores
Divaricatori



MEYERDING
18 cm, 7"



STRANDELL-STILLE
17 cm, 6³/₄"



Wundsperrer
Retractors
Separadores
Divaricatori

3x4

spitz
sharp
agudo
acuto



stumpf
blunt
romo
smusso

FINSEN

19610-07

7 cm, 2³/₄"

19611-07

4x4

spitz
sharp
agudo
acuto



stumpf
blunt
romo
smusso

ALM

19620-07

7 cm, 2³/₄"

19621-07

19620-10

10 cm, 4"

19621-10

3x3

spitz
sharp
agudo
acuto



stumpf
blunt
romo
smusso

JANSEN

19630-10

10 cm, 4"

19631-10

4x4

spitz
sharp
agudo
acuto



stumpf
blunt
romo
smusso

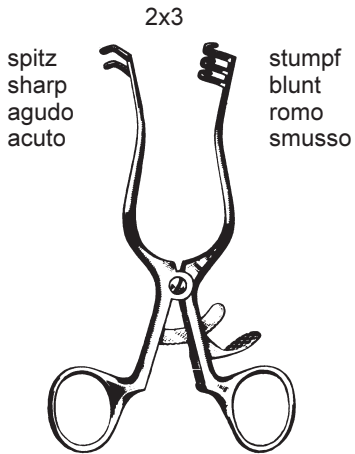
HOLZHEIMER

19634-10

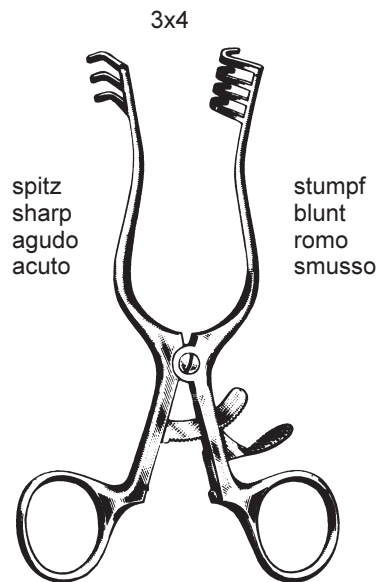
10 cm, 4"

19635-10

Wundsperrer
Retractors
Separadores
Divaricatori



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



WEITLANER
19670-14 14 cm, 5 1/2" 19671-14

Endo Dissektoren
Endo dissectors
Disectores
Dissettori



24 cm, 9 1/2"



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 cirugía 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



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

TEBBETTS

19980-01	80 mm x 16 mm
19980-02	100 mm x 25 mm
19980-03	120 mm x 25 mm
19980-04	120 mm x 30 mm
19980-05	150 mm x 25 mm
19980-06	150 mm x 30 mm

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



BREAST
19970-01 26 cm, 10 1/4"



CORONAL
19980-18 18 cm, 7"



YANKOSKIE
19990-18 18 cm, 7"



YANKOSKIE
19991-18
23 cm, 9", 150 mm wide



FREEMAN
19995-22
18 cm, 7", 22 mm
19995-38
18 cm, 7", 38 mm wide

3 Finger
3 prongs
3 dientes
3 rebbi



5 Finger
5 prongs
5 dientes
5 rebbi

ANDERSON
19998-03 12 cm, 4 3/4" 19998-05

Spatel
Spatula
Espatula
Spatola



biegsam
malleable
maleable
malleabile

2,5 x 15 cm
1" x 6"

19992-31
31,5 cm, 12 1/2"

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

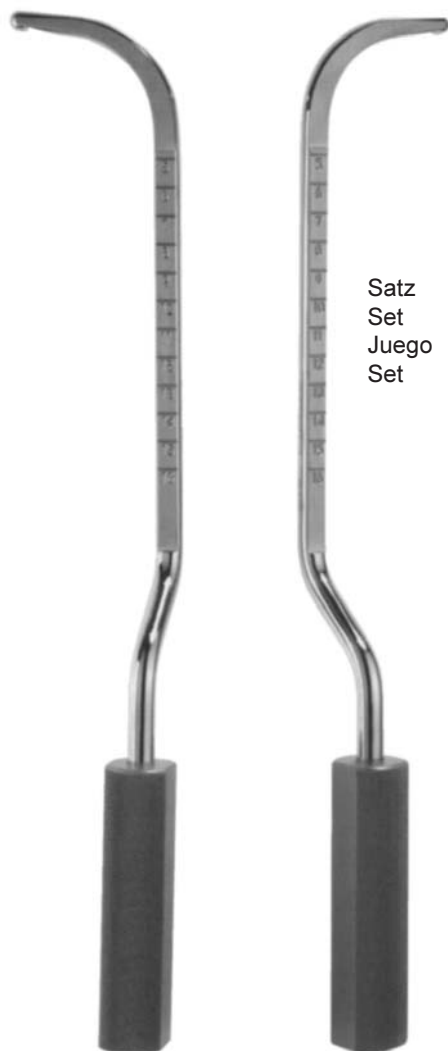


GORNEY
19996-04
7,5 cm, 3", 38 mm



FREEMAN
19997-09
9 cm, 3 1/2", 20 mm

Brustdissektoren
Breast Dissectors
Separadores mamarios
Separatori mammari



Satz
Set
Juego
Set

AGRIS-DINGMAN
19999-00 36 cm, 14"

Brustdissektoren
Breast Dissectors
Separadores mamarios
Separatori mammari



MacCOLLUM-DINGMAN
19999-01
41 cm, 16"



TEBBETTS
19999-02
33 cm, 13"



TEBBETTS
19999-03
33 cm, 13"



SILVERSTEIN
19999-04
35,6 cm, 14"

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



BIGGS

19999-30	30 mm
19999-50	50 mm

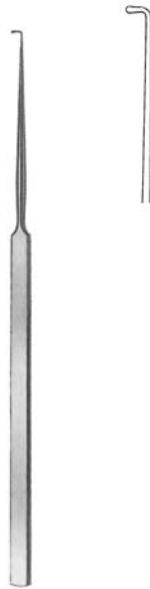
19999-30 CL	30 mm
19999-50 CL	50 mm

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

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"



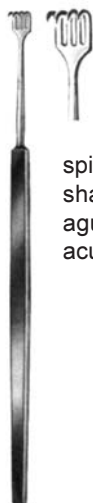
spitz
sharp
agudo
acuti

WIENER
43372-13
13 cm, 5¹/₈"



stumpf
blunt
romo
smussi

WIENER
43373-13
13 cm, 5¹/₈"



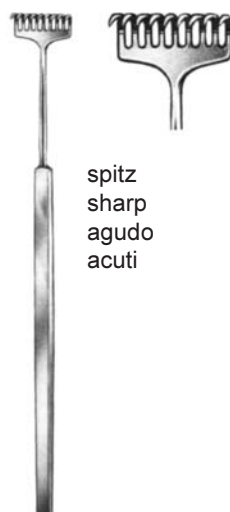
spitz
sharp
agudo
acuti

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, 3 1/2"	18 x 9,5 mm
47538-02	9 cm, 3 1/2"	28 x 12,5 mm
47538-03	9 cm, 3 1/2"	41 x 13,5 mm
47538-04	9 cm, 3 1/2"	53 x 13,5 mm

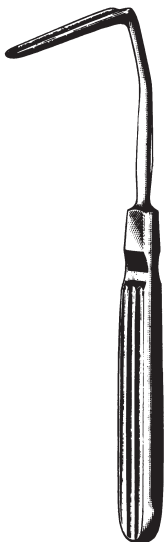


COTTLE
47540-16
16 cm, 6 1/4"



MALINIAC
47550-11
11 cm, 4 3/8"

10 x 12 mm



AUFRICHT
47551-16
16 cm, 6 1/4"



AUFRICHT
47551-16L
16 cm, 6 1/4"



MASING-NEIVERT
47552-16
16 cm, 6 1/4"



COTTLE
47553-15
15 cm, 6"

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



47554-01



47554-02



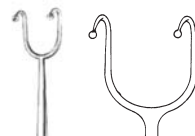
47554-03

COTTLE
 14,5 cm, 5³/₄"

3 x 11 mm



KILNER
 47555-08 8 cm, 3¹/₈"



FOMON
 47556-16 16 cm, 6¹/₄"



FOMON
 47557-17 17 cm, 6³/₄"

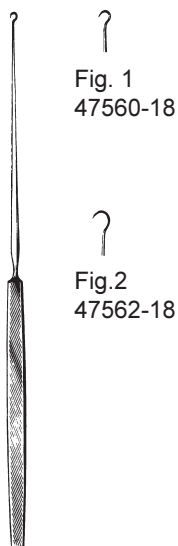


FREER
 47558-15 15 cm, 6"



COTTLE-NEIVERT
 47559-20 20 cm, 8"

Feine Wundhaken
Retractors
Separadores
Divaricatori



GILLIES
18 cm, 7"



LANGE
47563-22 23 cm, 9"



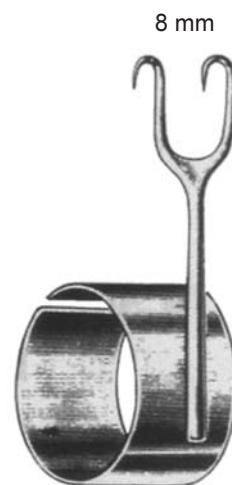
COTTLE
47564-16 16 cm, 6 1/4"



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

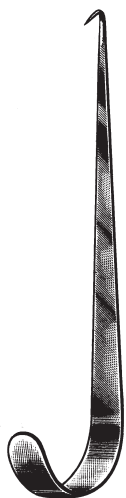


MARTINEZ-KILNER
47567-11 11 cm, 4 3/8"



COTTLE
47568-08

Trachealhaken
Trachea Hooks
Ganchos para traqueotomía
Ganci per tracheotomia



JACKSON
55116-15
15 cm, 6"



JACKSON
55117-17
17 cm, 6³/₄"



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"



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

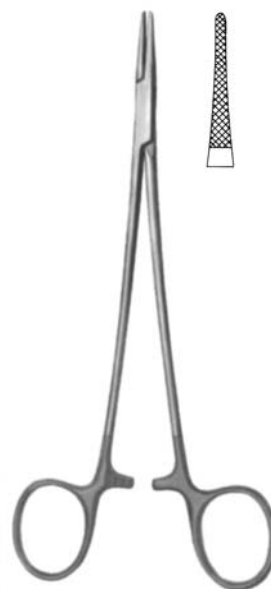


1 mm

RYDER

2 mm

25224-13TC	13 cm, 5 ¹ / ₈ "	25225-13 TC
25224-15TC	15 cm, 6"	25225-15 TC
25224-16TC	16 cm, 6 ¹ / ₄ "	25225-16 TC
25224-18TC	18 cm, 7"	25225-18 TC
25224-20TC	20 cm, 8"	25225-20 TC



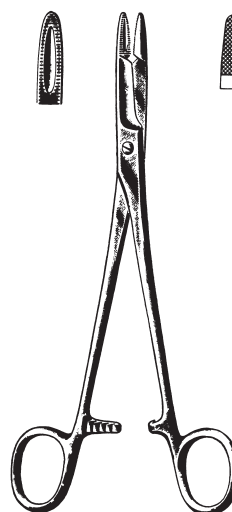
MICROVASCULAR

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



BABY OLSEN-HEGAR

25405-12	12 cm, 4 ³ / ₄ "	25406-12
25408-12TC	12 cm, 4 ³ / ₄ "	25407-12TC



OLSEN-HEGAR

25410-14	14 cm, 5 ¹ / ₂ "	25414-14TC
25410-17	17 cm, 6 ³ / 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 portaghi, con cremagliera



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

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

25673-14D
25673-18D

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

14,0 cm, 5 1/2"
18,0 cm, 7"
21,5 cm, 8 1/2"

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

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

CASTROVIEJO

Drahtzangen
Wire Twisting Forceps
Pinza para torcer hilos
Pinza torcifili



MAYO-HABERISSER TC



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



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



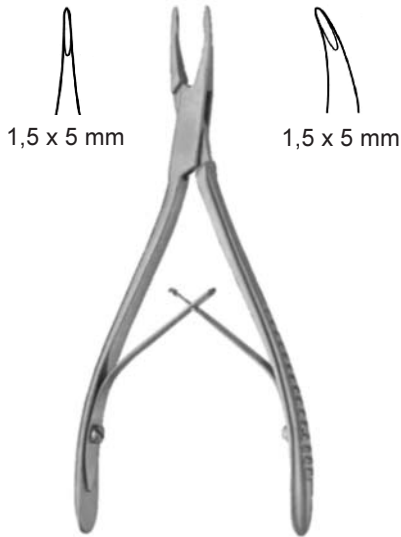
34554-20 TC 20 cm, 8" 34555-20 TC



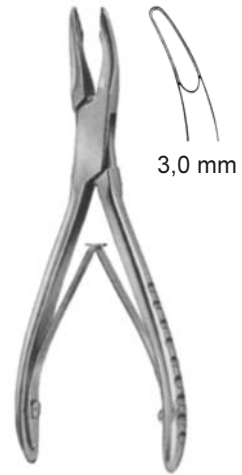
BERRY TC

34556-18TC 18 cm, 7"

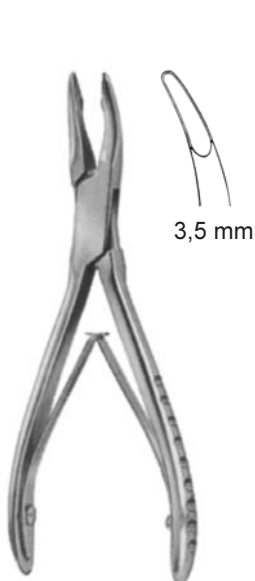
Hohlmeißelzange
Bone Rongeurs
Pinzas-gubias
Pinze sgorbie



MICRO FRIEDMANN
33100-01 14,5 cm, 5³/₄" 33100-02



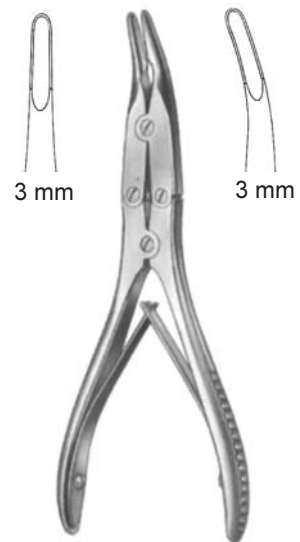
FRIEDMANN MINI
33101-12 12 cm, 4³/₄"



FRIEDMANN
33101-14 14 cm, 5¹/₂"



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"



COTTLE-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, 7 1/4", 135 g
33694-03 Ersatzbacken
Nylon Caps
Tapas de repuesto
Placche di ricambio

Ø 25 mm



33694-02 18,5 cm, 7 1/4"
mit Nylonbacke
with nylon tap
con tapa de nylon
con placca di nylon

Ø 20 mm



MEAD
33693-32
17 cm, 6 3/4" 320 g

Ø 22 mm



PARTSCH
33698-98
18 cm, 7" 199 g



QUISLING
33696-75
17 cm, 6 3/4"

Ø 30 mm



COTTLE
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



4 mm

WILLIGER
16 cm, 6 1/4"
33711-16



6,5 mm

WILLIGER
16 cm, 6 1/4"
33712-16



5,5 mm

WILLIGER
33713-17
16 cm, 6 1/4"



4 mm

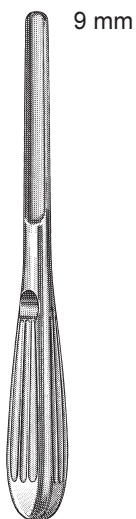
JOSEPH
33718-16
16 cm, 6 1/4"



4 mm

FOMON
33719-17
16 cm, 6 1/4"

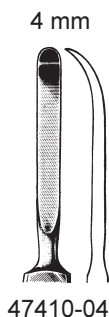
Elevatoren, Raspatoren
Elevators, Raspatories
Elevadores, Legras
Elevatori, Periostotomi



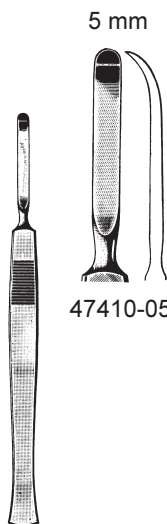
BOIES
33720-19
19 cm, 7 1/2"



GORNEY
33720-21
21 cm, 8 1/4"



47410-04



47410-05

McKENTY
15 cm, 6"



JOSEPH
47411-16
16 cm, 6 1/4"



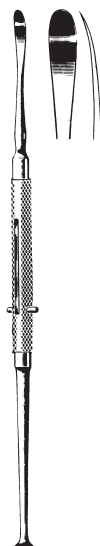
MASING
47414-21
22 cm, 8 3/4"



FREER
47415-18
18 cm, 7"



FREER
47417-19
19 cm, 7 1/2"



FREER
47419-19
19 cm, 7 1/2"

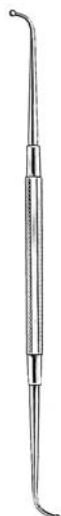
Elevatoren, Raspatoren
Elevators, Raspatories
Elevadores, Legras
Elevatori, Periostotomi



KILLIAN
47420-01
18,5 cm, 7 1/4"



PIERCE
47420-02
21 cm, 8 1/4"



SINUS
47420-03
18 cm, 7"



PENNINGTON
47420-04
21 cm, 8 1/4"



McKENTY
47420-20
22 cm, 8 3/4"



HOWARTH
47421-21
21,5 cm, 8 1/2"



COTTLE
47421-23
23 cm, 9"



COTTLE JOSEPH
47422-22
22 cm, 8 3/4"

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



COTTLE
47423-22 22 cm, 8³/₄"



COTTLE
47424-16 16 cm, 6¹/₄"



COTTLE
47425-19 19 cm, 7¹/₂"



KILLIAN
47426-22 22 cm, 8³/₄"

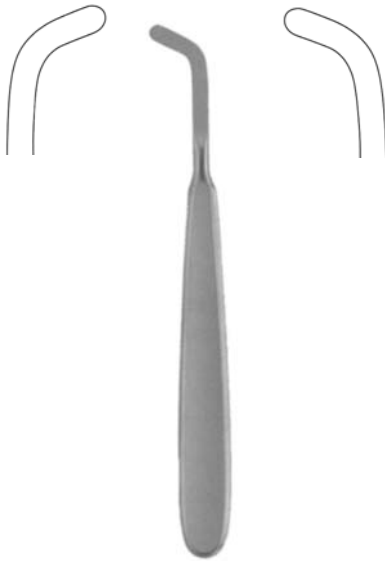


HAJEK-BALLENGER
47428-21 22 cm, 8³/₄"



BALLENGER
47430-22 22 cm, 8³/₄"

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



49278-01 14 cm, 5 1/2" 49278-02



CRIONIN
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, 8 1/4"
Ø 4 mm



Arbeitslänge
working length
largo útil
lunghezza utile
75 mm

BARON

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

Saugkanülen
Suction Tubes
Tubos de aspiracion
Cannula aspirante

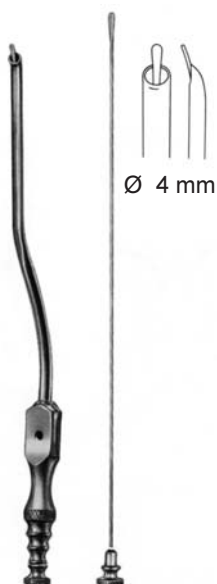


FRAZIER/FERGUSSON
19 cm, 7 1/2"

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

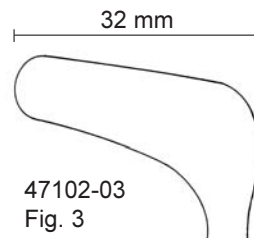
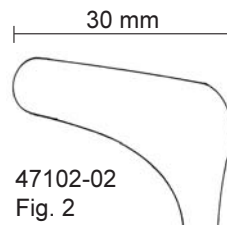
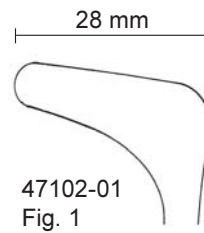


GULEN
47347-20
19 cm, 7½"
Ø 4 mm

Nasenspekula
Nasal Speculum
Espéculos nasales
Specoli nasali



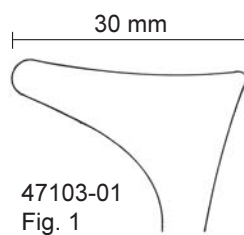
HARTMANN-HALLE
15 cm, 6"



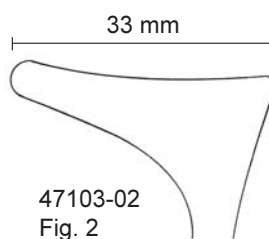
Nasenspekula
Nasal Speculum
Espéculos nasales
Specoli nasali



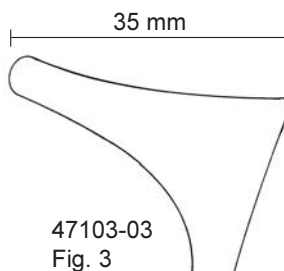
HARTMANN
16 cm, 6 1/4"



47103-01
Fig. 1



47103-02
Fig. 2

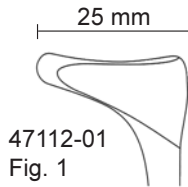


47103-03
Fig. 3

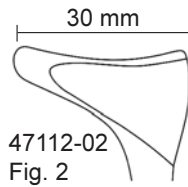
Nasenspekula
Nasal Speculum
Espéculos nasales
Specoli nasali



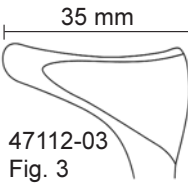
Mod. WIEN
14 cm, 5½"



Baby, bebé, neonato



Kind, child, niño, bambino



Erwachsene, Adult, adulto



TIECK-HALLE
47116-13
13,5 cm, 5¼"

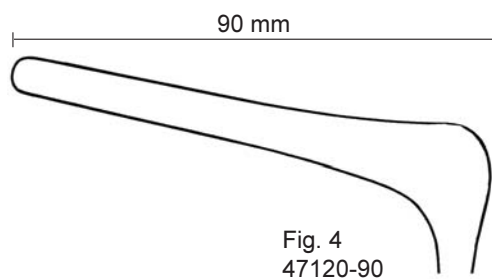
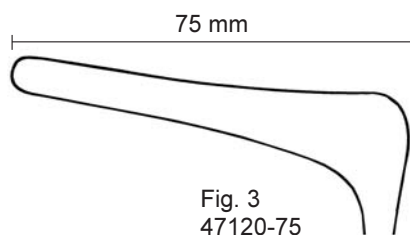
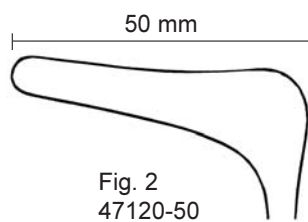
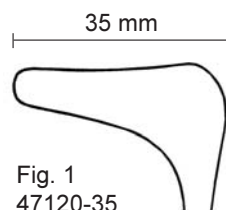


REDA
47118-13
12,5 cm, 5"

Nasenspekula
Nasal Specula
Espéculos nasales
Specoli nasali



KILLIAN
13 cm, 5¹/₈"



Nasenspekula
Nasal Specula
Espéculos nasales
Specoli nasali



KILLIAN
13 cm, 5¹/₈"

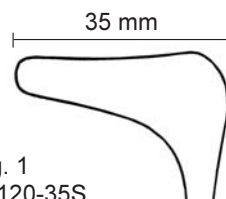


Fig. 1
47120-35S

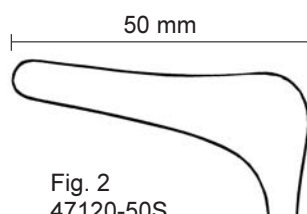


Fig. 2
47120-50S

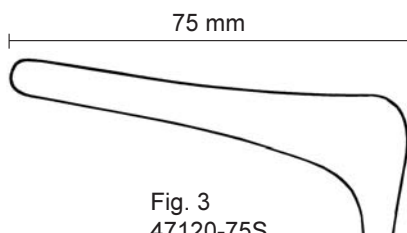


Fig. 3
47120-75S

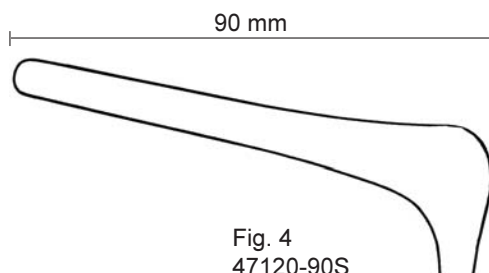


Fig. 4
47120-90S

Nasenspekula
Nasal Speculum
Espéculos nasales
Specoli nasali

35 mm

Fig. 1
47124-35

50 mm

Fig. 2
47124-50

75 mm

Fig. 3
47124-75

90 mm

Fig. 4
47124-90



COTTLE
14 cm, 5½"

Nasenspekula
Nasal Speculum
Espéculos nasales
Specoli nasali



COTTLE
14 cm, 5 1/2"

35 mm



Fig. 1
47124-35S

50 mm

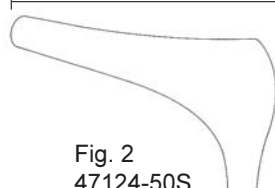


Fig. 2
47124-50S

75 mm

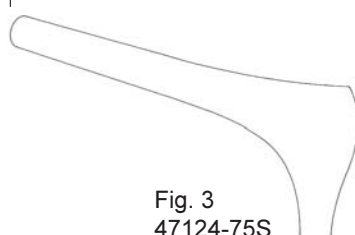


Fig. 3
47124-75S

90 mm

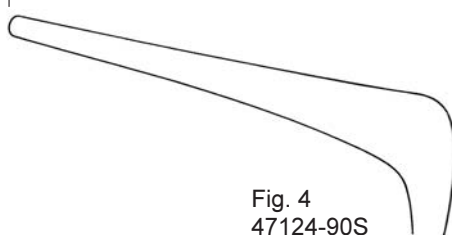


Fig. 4
47124-90S

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"

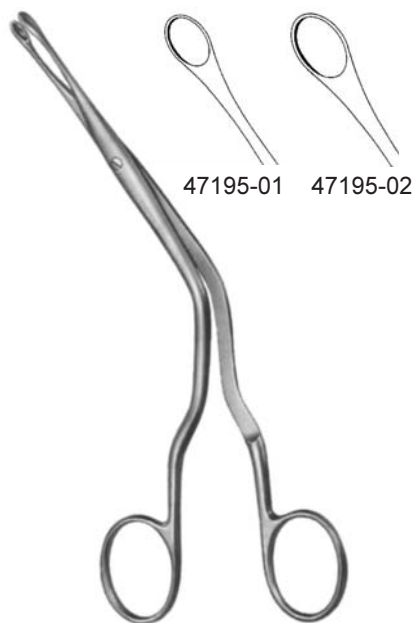


KNIGHT
47185-18
18 cm, 7"

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



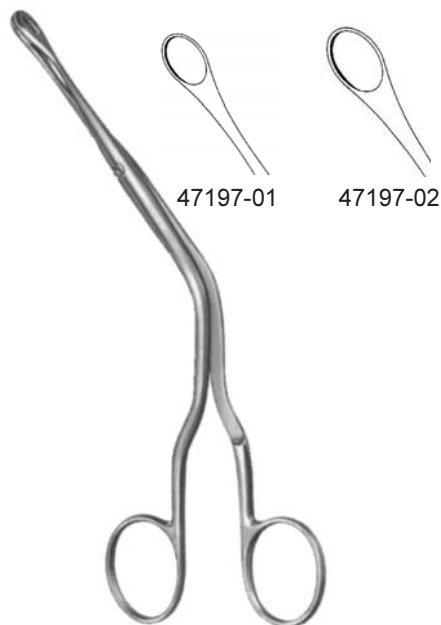
BRUENINGS
19 cm, 7½"



LUC
19 cm, 7½"



GRAIG
47192-16 16 cm, 6½"



LUC
19 cm, 7½"

Scharfe Nasenzange
Nasal Cutting Forceps
Pinzas cortantes nasales
Pinze taglienti nasali

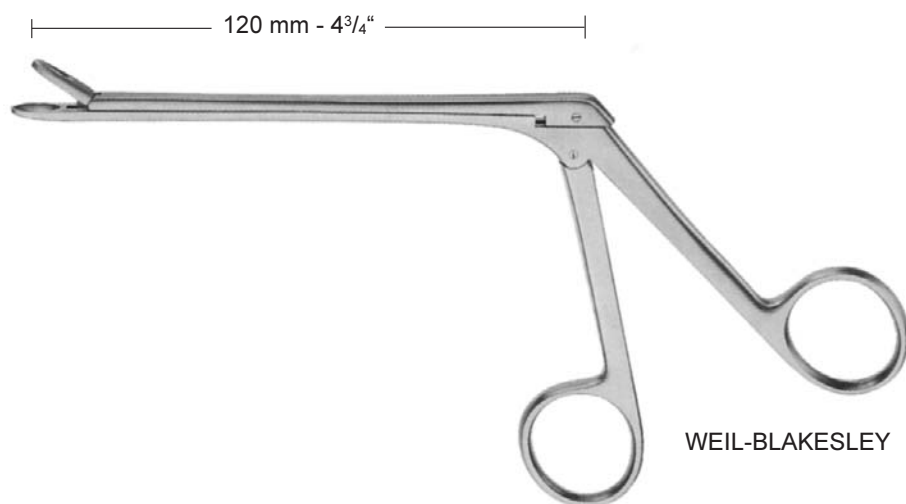


	Fig.1	Fig. 2	Fig.3	Fig.4	Fig. 5
	47223-01 3,0 mm	47223-02 3,6 mm	47223-03 4,2 mm	47223-04 4,8 mm	47223-05 5,8 mm
	47224-01 3,0 mm	47224-02 3,6 mm	47224-03 4,2 mm	47224-04 4,8 mm	47224-05 5,8 mm
	47225-01 3,0 mm	47225-02 3,6 mm	47225-03 4,2 mm	47225-04 4,8 mm	
	47226-01 2,0 mm	47226-02 2,5 mm	47226-03 3,0 mm		
	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



47239-01



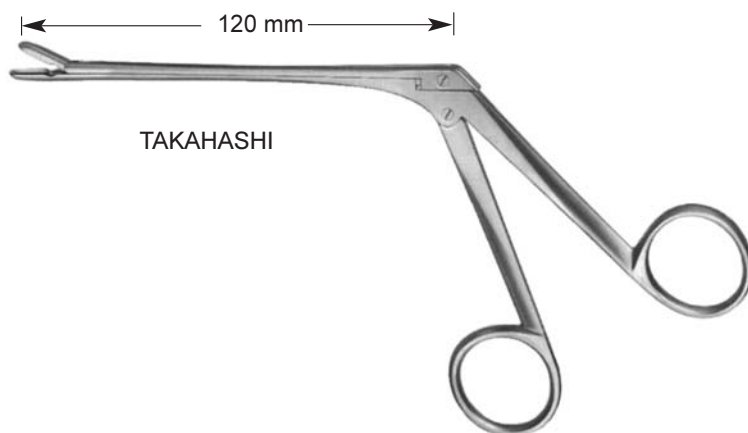
47239-02



MYLES



SCHMEDEN



TAKAHASHI

4 mm



47242-00

4 mm



47242-01

Septumzange, Scharfe Nasenzange
Septum Forcep, Nasal Cutting Forceps
Pinza para el tabique nasal, Pinza cortante nasal
Pinza per setto nasale, pinze taglienti nasali



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



CAPLAN
47256-20
20 cm, 8"

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

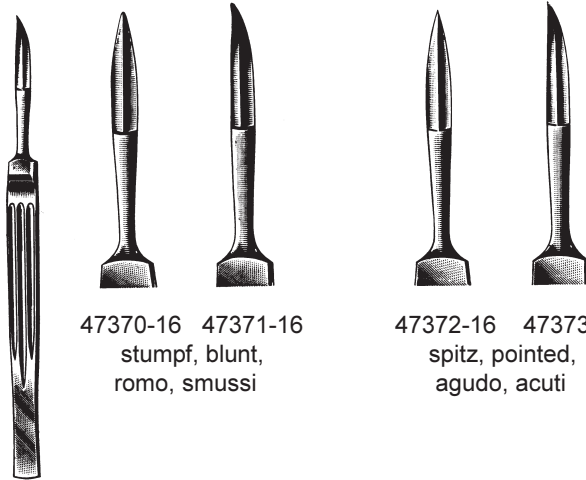


MIDDLETON-JANSEN
47323-19
19 cm, 7 1/2"



MIDDLETON-JANSEN
47325-19
19 cm, 7 1/2"

Rhinoplastikmesser
Rhinoplasty knives
Cuchillos nasales
bisturi nasale



47370-16 47371-16
stumpf, blunt,
romo, smussi

47372-16 47373-16
spitz, pointed,
agudo, acuti

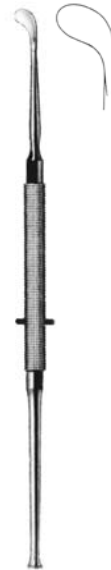
JOSEPH
16 cm, 6¹/₄"



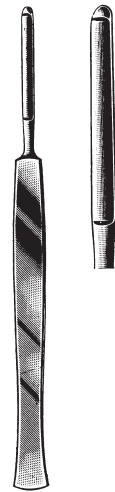
FREER
47374 - 16
16,5 cm, 6¹/₂"



JOSEPH
47375 - 16
16 cm, 6¹/₄"

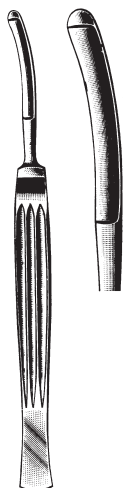


FREER
47375 - 19
19 cm, 7¹/₂"



JOSEPH
47376 - 16
16 cm, 6¹/₄"

Rhinoplastikmesser
Rhinoplasty knives
Cuchillos nasales
bisturi nasale



CONVERSE
47379 - 16
16 cm, 6 $\frac{1}{4}$ "



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 $\frac{1}{2}$ "



47386-01
spitz
pointed
agudo
acuto



47386-02
stumpf
blunt
romo
smusso

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



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



47390-03
3 mm



47390-04
4 mm



47390-05
5 mm



47392-03
3 mm



47392-04
4 mm



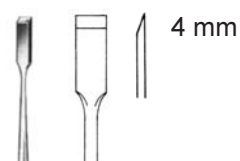
47392-05
5 mm

Kapselmesser
Capsulotorz knife
Cuchillo para capsula
Coltello per capsula

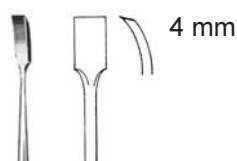


FOERSTER
47394-27 27 cm, 10 1/2"

Septum Elevatoren
Septum Elevators
Elevadores para el tabique
Elevatori per setto

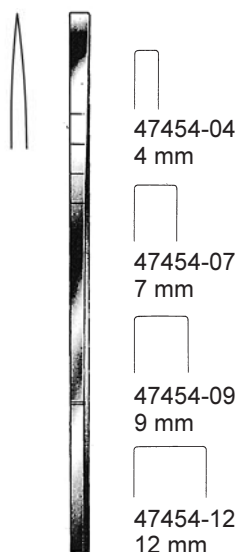


FREER
47450-04
15 cm, 6"



FREER
47451-04
15 cm, 6"

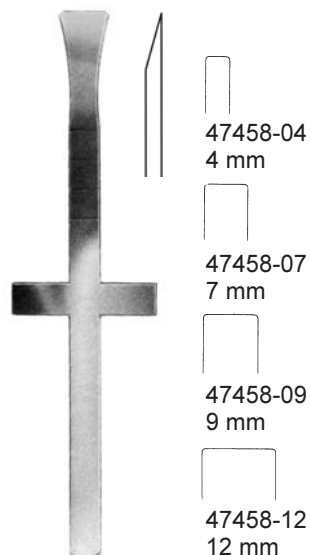
Septum Meißel, Osteotome
Rhinoplastic Chisels, Osteotomes
Cinceles para la plástica nasal, Osteotomos
Scalpelli per plastica nasale, Osteotomi



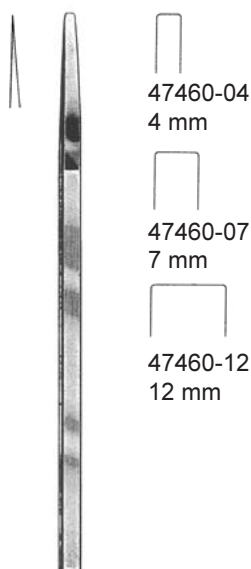
COTTLE
18 cm, 7"



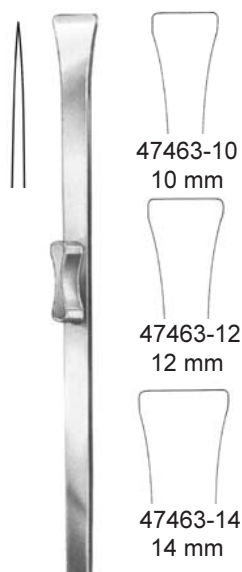
COTTLE
47455-06
18 cm, 7"



COTTLE
18 cm, 7"

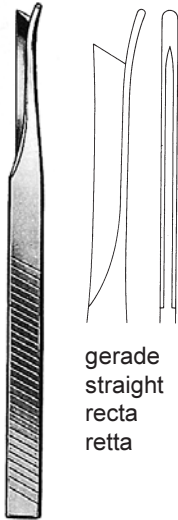


COTTLE
18 cm, 7"



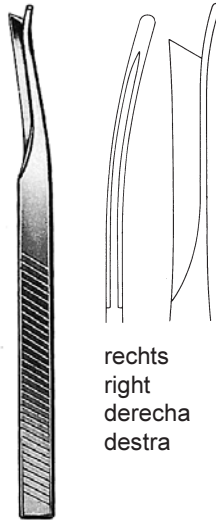
RUBIN
18,5 cm, 7 1/4"

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



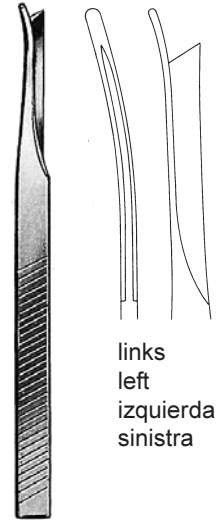
gerade
straight
recta
retta

SILVER
47473-01
18 cm, 7"



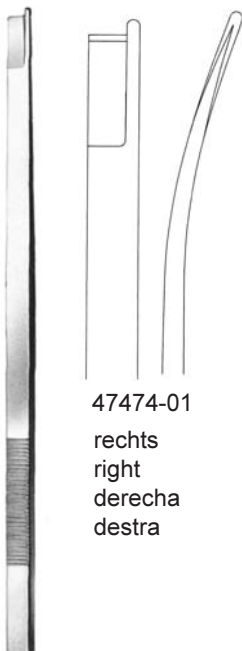
rechts
right
derecha
destra

SILVER
47473-02
18 cm, 7"



links
left
izquierda
sinistra

SILVER
47473-03
18 cm, 7"



47474-01
rechts
right
derecha
destra



47474-02
links
left
izquierda
sinistra



47474-03
gerade
straight
recta
retta



5 mm



KILLIAN
47481-05 16 cm, 6 1/4"

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

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
 47484-04 4 mm
 47484-06 6 mm
 47484-08 8 mm
 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"



2 mm



3 mm



4 mm



5 mm



6 mm



8 mm



10 mm



12 mm



15 mm

12,5 cm, 5"

mm

17 cm, 6³/₄"

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

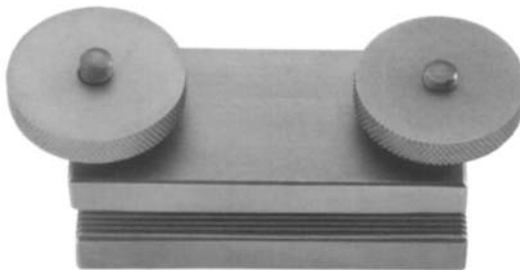
33652-15

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



WIENER
18 cm, 7"



47507-18



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"

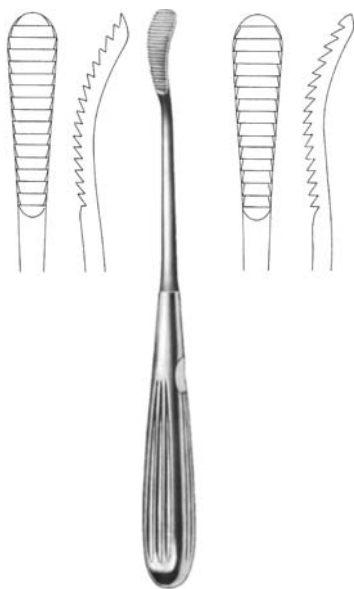


47525-20
fein, fine, fino, fina
20 Zähne
20 teeth
20 dientes
20 denti

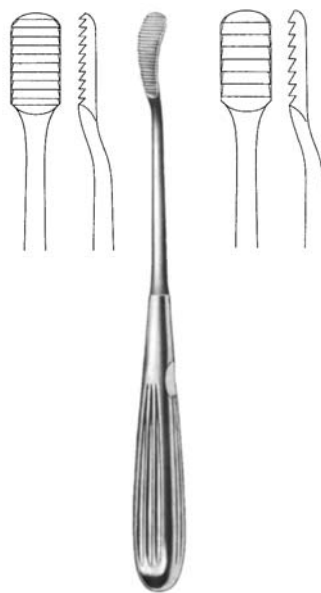
47526-20
grob, coarse, gruesa, grossa
11 Zähne
11 teeth
11 dientes
11 denti

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

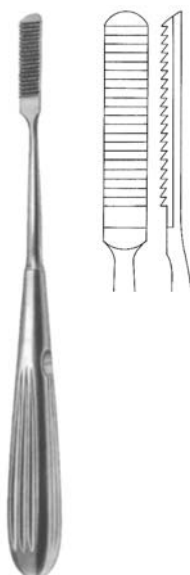
Nasenraspeln
Nasal Rasps
Escofinas nasales
Raspa nasale



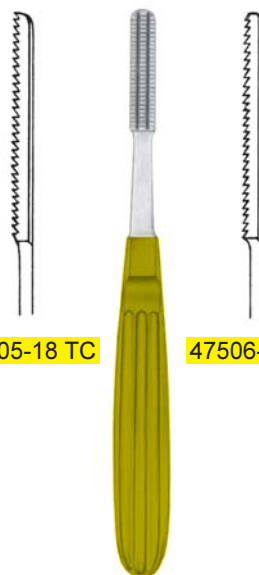
AUFRICHT
47511-21 21 cm, 8 1/4" 47513-21



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



MALTZ (COTTLE)
47518-21 21 cm, 8 1/4"

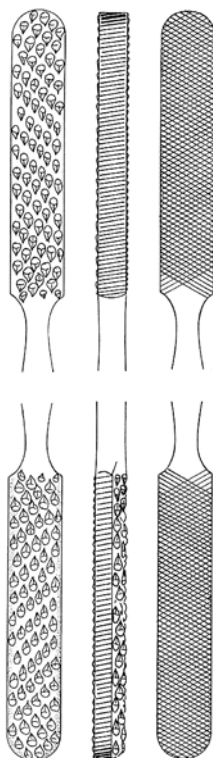


47505-18 TC

47506-18 TC

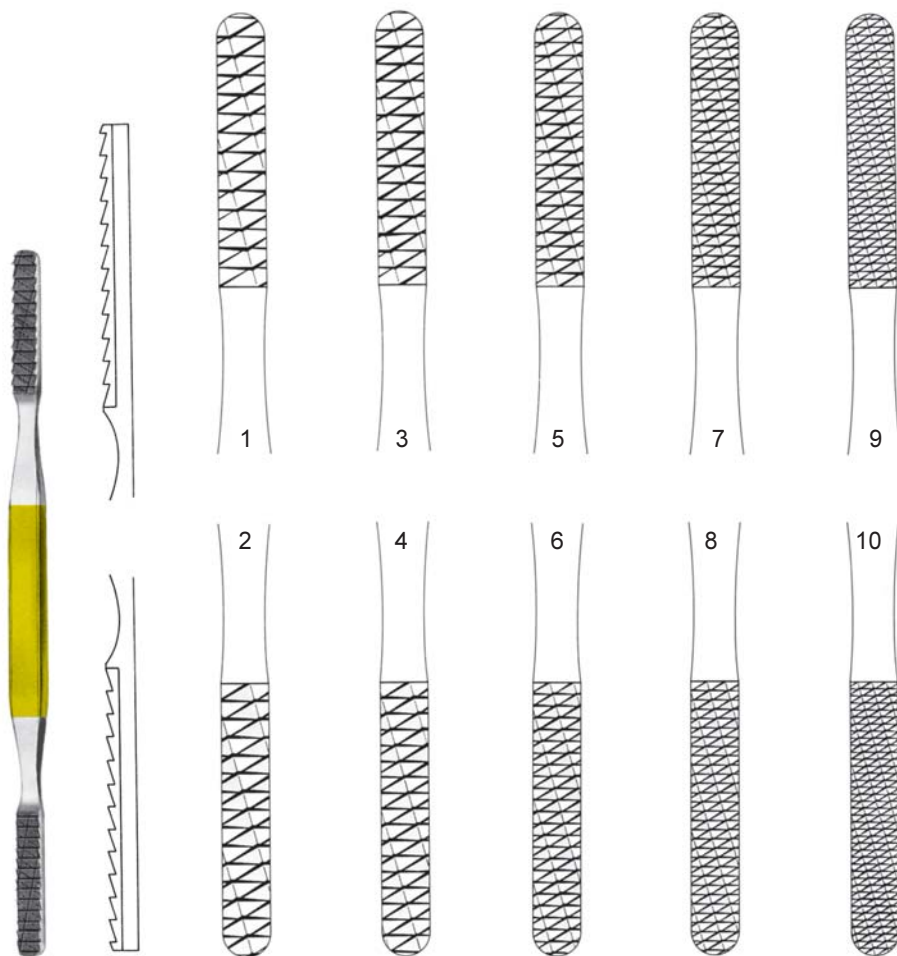
MALTZ
17,5 cm, 6.9"

Nasenraspeln
Nasal Rasps
Escofinas nasales
Raspa nasale



FOMON
47520-21
21 cm, 8¹/₄"

Nasenraspeln
Nasal Rasps
Escofinas nasales
Raspa nasale



FOMON

47522-01TC - 47522-09 TC

20 cm, 8"

Fig. 1/2

47522-01 TC

Fig. 3/4

47522-04 TC

Fig. 5/6

47522-05 TC

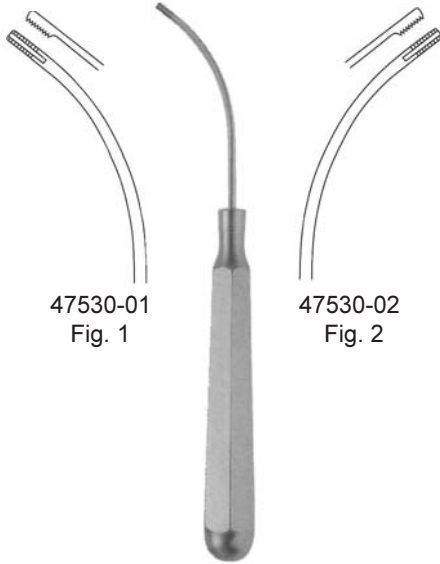
Fig. 7/8

47522-07 TC

Fig. 9/10

47522-09 TC

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



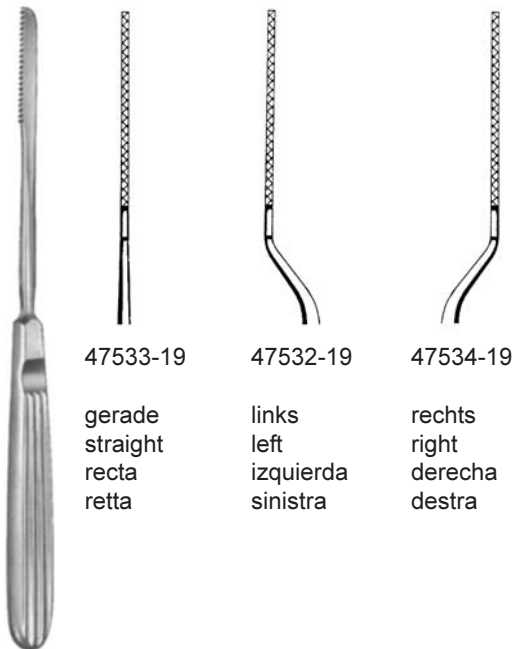
47530-01
 Fig. 1

47530-02
 Fig. 2

Drahtbürste zum Reinigen von Raspeln
 Wirebrush for cleaning the rasps
 Cepillo de alambre para limpiar las escofinas
 Spazzolino di fili metallici per pulire le raspe

DINGMAN Set
 47530-00 15 cm, 6"

47531-00 16 cm, 6 1/4"



47533-19

gerade
 straight
 recta
 retta

47532-19

links
 left
 izquierda
 sinistra

47534-19

rechts
 right
 derecha
 destra

JOSEPH
 19 cm, 7 1/2"

Nasensägen
Nasal Saws
Sierras nasales
Seghe nasale



JOSEPH
47535-01 17 cm, 6³/₄" 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

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



WIEDER



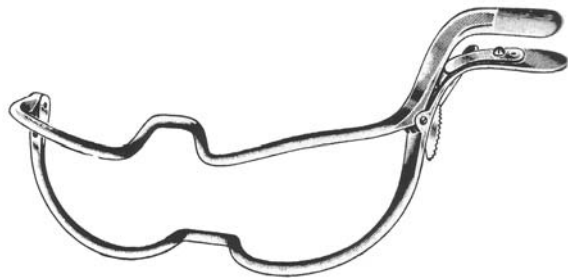
49115-01
Fig. 1
14 cm, 5½"



49115-02
Fig. 2
15 cm, 6"

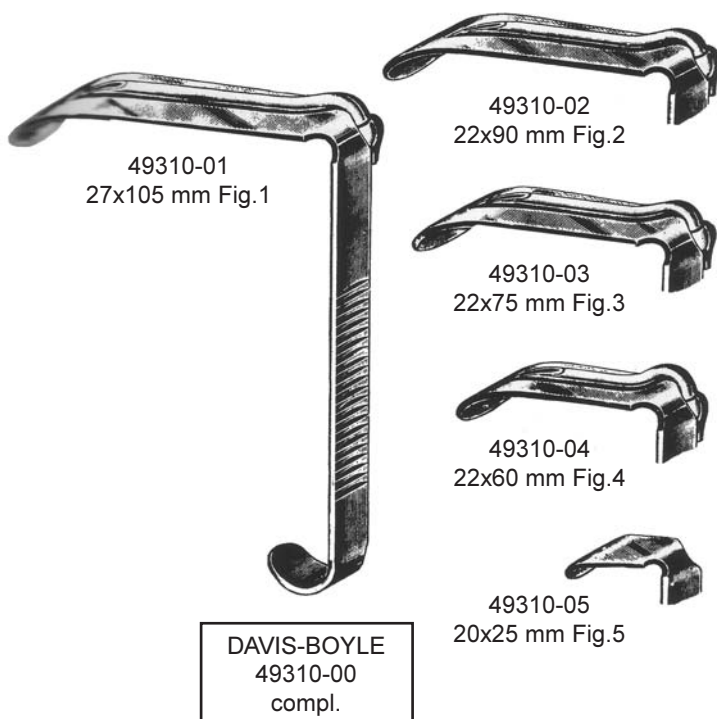


ANDREW
49117-11
11 cm, 4¾"



JENNINGS
49274-09 9 cm, 3½"
49274-11 11 cm, 4¾"
49274-13 13 cm, 5⅛"
49274-15 15 cm, 6"

Mundsperrer
Mouth Gags
Abre-Bocas
Apribocca

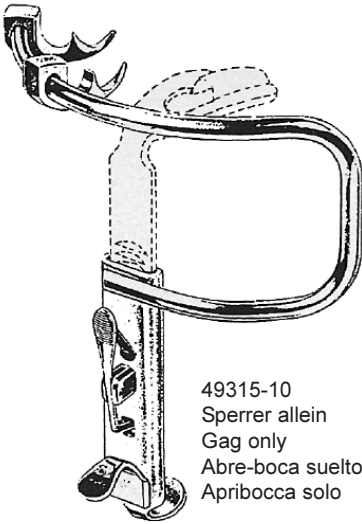


Sperrer allein
Gag only
Abre-boca suelto
Apribocca solo

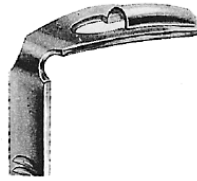
DAVIS-BOYLE

	für Erwachsene for adults para adultos per adulti	für Kinder for children para niños per bambini
links left izquierda sinistra	49310-10	49310-11
rechts right derecha destra	49310-12	49310-09

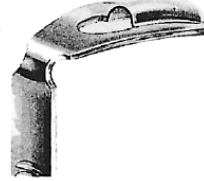
Mundsperrer
Mouth Gags
Abre-Bocas
Apribocca



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



49315-01
Fig.1



49315-02
Fig.1



49315-03
Fig.1

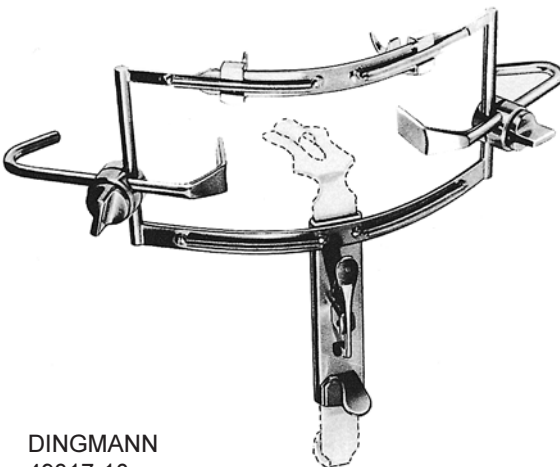
KILNER-DOUGHTY
49315-00
compl.

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

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

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

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



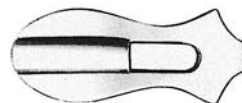
DINGMANN
49317-10
Sperrer allein, Gag only
Abre-boca suelto, Apribocca solo



1 24x62 mm
49317-01

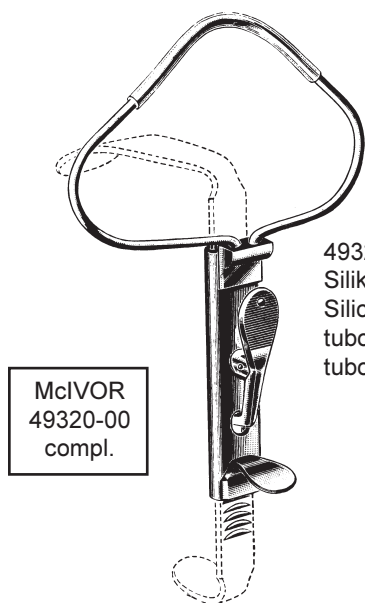


2 28x65 mm
49317-02



3 31x75 mm
49317-03

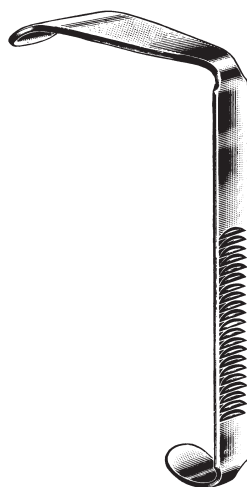
Mundsperrer, Zungenspatel
Mouth Gags, Tongue depressor
Abre-Bocas, Baja-lengua
Apribocca, Abbassalingua



McIVOR
49320-00
compl.

49320-10

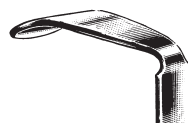
49320-20
Silikon-Schlauch
Silicon Tubing
tubo de silicona
tubo in silicone



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 cirugía de boca -mandíbula- facial

Divaricatori, Periostotomi per bocca, mascella, viso

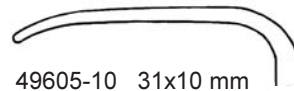


OBWEGESER

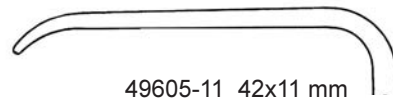
22 cm, 8³/₄"



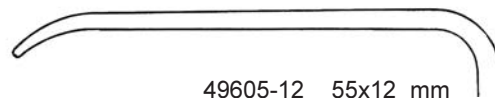
49605-07 25x7 mm



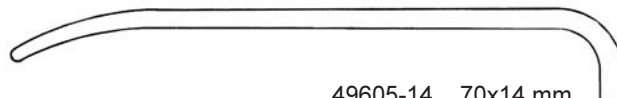
49605-10 31x10 mm



49605-11 42x11 mm



49605-12 55x12 mm



49605-14 70x14 mm

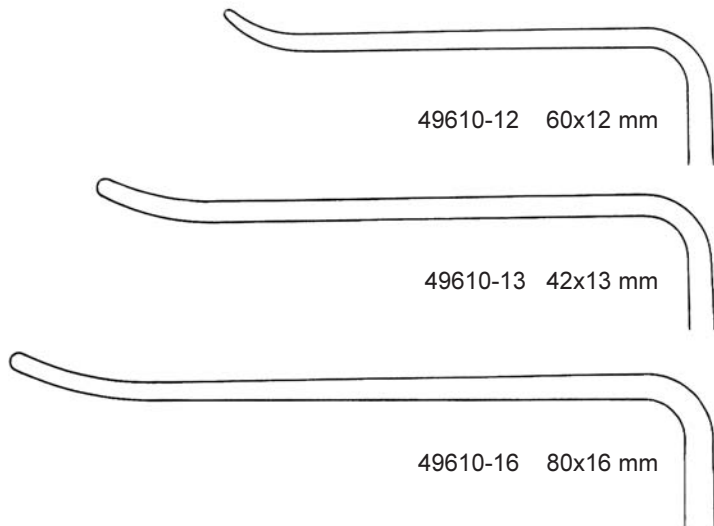


49605-16 80x16 mm

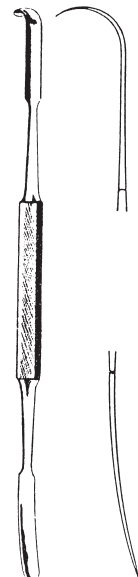
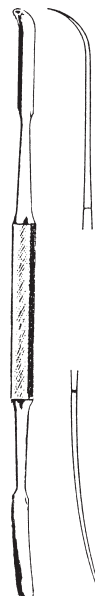
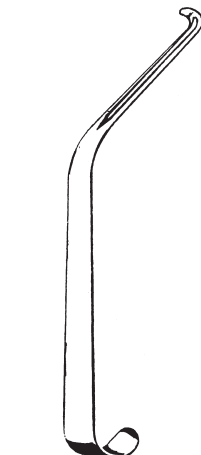
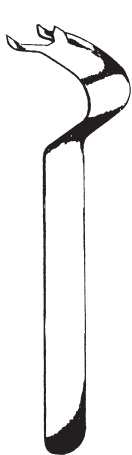
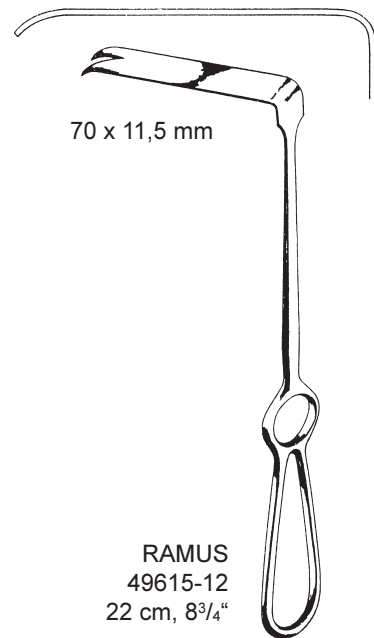
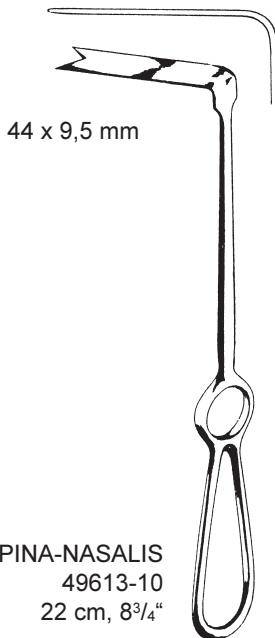
Wundhaken für Mund-Kiefer-Gesicht
Retractors, Raspatories for Mouth-, Jaw- and Face Surgery
Separadores para cirugía de boca -mandíbula- facial
Divaricatori, Periostotomi per bocca, mascella, viso



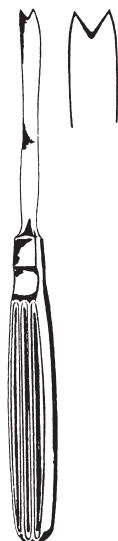
OBWEGESER
22 cm, 8³/₄"



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



Raspatorien, Elevatoren
 Periosteal Elevators
 Legras
 Periostotomi



OBWEGESER
 49635-18 17,5 cm, 7"



OBWEGESER
 20 cm, 8"

5 mm



49640-05

7 mm



49640-07

9 mm



49640-09



OBWEGESER
 17,5 cm, 7"

6 mm



49650-06

7 mm



49650-07

9 mm



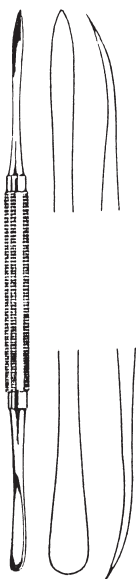
49650-09

11 mm



49650-11

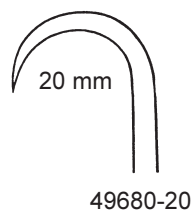
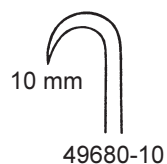
Raspator, Wundhaken, Elevator
 Raspatories, Retractor, Elevators
 Legras, Separadores, Elevadores
 Periostotomo, Divaricatore, Elevatore



DINGMAN
 49660-18 18 cm, 7"



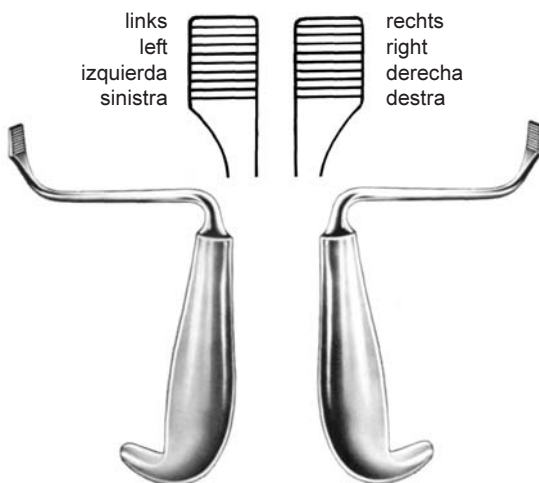
19 cm, 7 1/2"



DINGMAN
 49685-21 21 cm, 8 1/4"

links left
 izquierda sinistra

rechts right
 derecha destra



TESSIER
 49691-15 15 cm, 6"

TESSIER
 49692-15 15 cm, 6"

Osteotome
Osteotome
Osteótomos
Osteotomi



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

TESSIER
20,5 cm 8"



49667-10 10 mm
49667-15 15 mm

TESSIER
20,5 cm 8"



7 mm

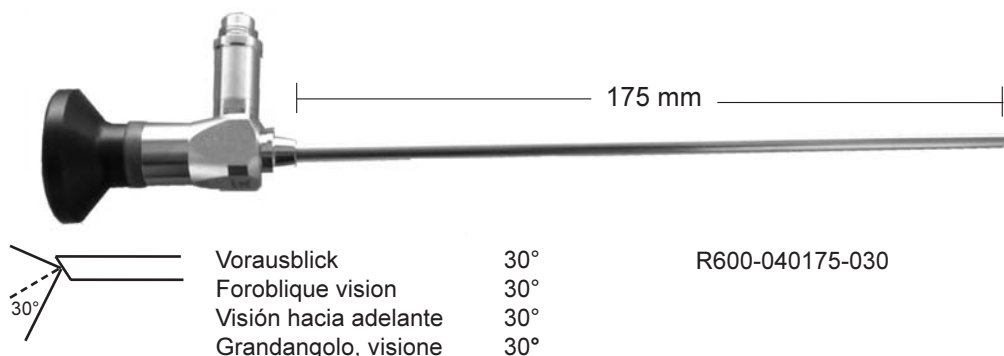
49700-01
21,5 cm, 8 1/2"



10 mm

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

Endoskopische Instrumente
Endoscopic Instruments
Instrumentos para endoscopia
Strumenti endoscopici

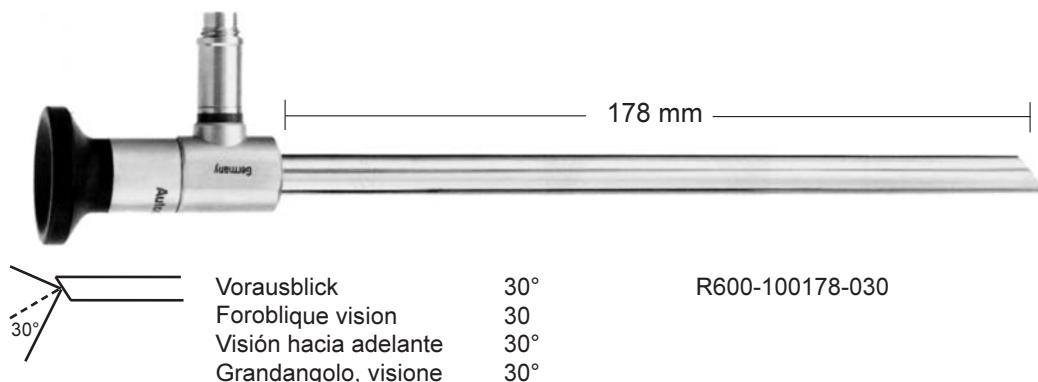


Endoskop für plastische Chirurgie 4 mm Ø, 30° Blickrichtung, 175 mm Nutzlänge, autoklavierbar, integrierte Faser für Ausleuchtung

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



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 cirugía 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



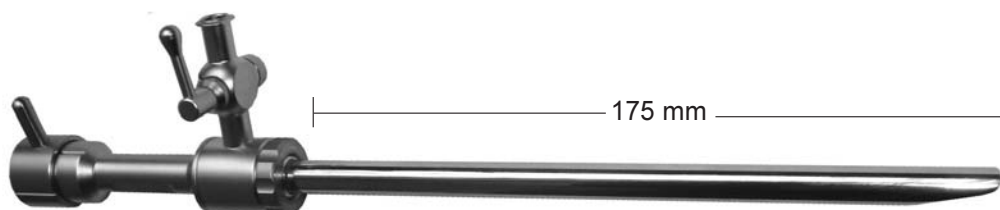
R610-040175-001

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



R610-040175-005

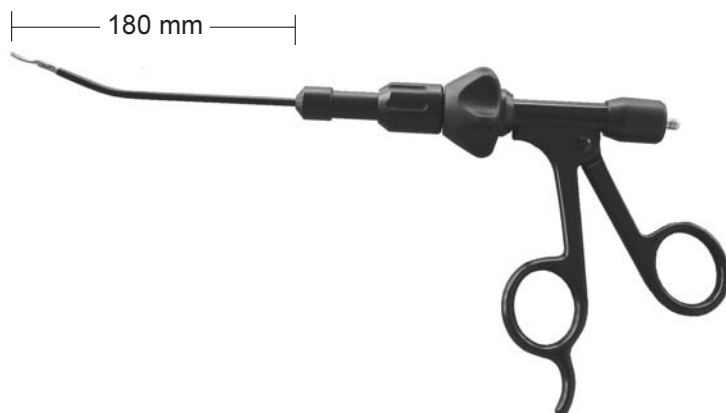
Schaft für Plastische Chirurgie, schnabelförmig, 1 Hahn, drehbar, passend für 4 mm Optik mit 175 mm Nutzlänge

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



R631-030160-110

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

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



R631-030160-112

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

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



R631-030160-116

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

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



R631-030160-212

Maryland Faszange 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

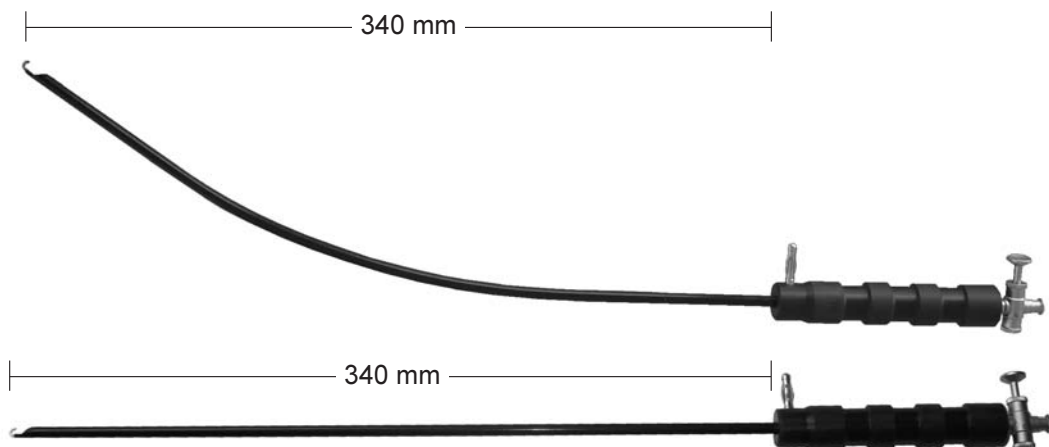
Faßzange, retrograd gezahnt, drehbar für rechte und linke Anwendung, 3 mm Ø, Griff mit HF-Anschluß, isoliert

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

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 raspatory, 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 raspe 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

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