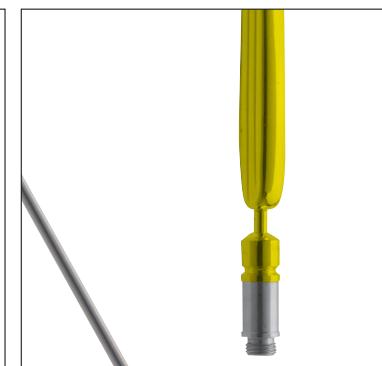


HNO/SINUSKOPIE  
ENT/SINUSCOPY  
ORL/SINUSCOPIA



**REDA**  
INSTRUMENTE GMBH





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

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<http://www.Reda-Instrumente.de>

Ausgabe Nr. 1  
Datum: 12/2016

Charrière (Ch) French (F)	Durchmesser in mm	Inches	Gauge (G)	Durchmesser in mm	Inches
1	0,33	0,013	35	0,13	0,005
2	0,67	0,025	34	0,18	0,007
3	1,00	0,039	33	0,20	0,008
4	1,33	0,051	32	0,23	0,009
5	1,67	0,065	31	0,25	0,010
6	2,00	0,0787	30	0,30	0,012
7	2,33	0,092	29	0,33	0,013
8	2,67	0,105	28	0,36	0,014
9	3,00	0,1181	27	0,41	0,016
10	3,33	0,131	26	0,46	0,018
11	3,67	0,144	25	0,51	0,020
12	4,00	0,1575		0,53	0,021
13	4,33	0,170	24	0,56	0,022
14	4,67	0,184	23	0,64	0,025
15	5,00	0,1968	22	0,71	0,028
16	5,33	0,210	21	0,81	0,032
17	5,67	0,223	20	0,89	0,035
18	6,00	0,2362		0,97	0,038
19	6,33	0,249	19	1,07	0,042
20	6,67	0,263	18	1,27	0,050
21	7,00	0,2756	17	1,50	0,059
22	7,33	0,288	16	1,65	0,065
23	7,67	0,302	15	1,83	0,072
24	8,00	0,3150	14	2,11	0,083
25	8,33	0,328	13	2,41	0,095
26	8,67	0,341	12	2,77	0,109
27	9,00	0,3543	11	3,05	0,120
28	9,33	0,367	10	3,40	0,134
29	9,67	0,380	9	3,76	0,148
30	10,00	0,3973	8	4,19	0,165
31	10,33	0,407	7	4,57	0,180
32	10,67	0,420	6	5,16	0,203
34	11,33	0,446			
36	12,00	0,4724			
38	12,67	0,494			
40	13,33	0,5199			
45	15,00	0,5905			

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

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

## GARANTIE / WARRANTY / GARANTIA

### 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.

## Arbeitsanweisung

### Aufbereitung (Reinigung) und Sterilisation von resterilisierbaren chirurgischen Instrumenten

DIN EN ISO 17664:2004 (D)

Hersteller:  
REDA Instrumente GmbH, Gänsäcker 34  
78532 Tuttlingen

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

#### Reinigungsvorbereitung

Fabrikneue Instrumente müssen vor der ersten Anwendung den gesamten Aufbereitungsprozess durchlaufen. Instrumente unmittelbar nach Anlieferung aus den Folienverpackungen entnehmen und in trockenen Räumen bei gleichbleibender Raumtemperatur luftoffen lagern, um Kondensationsbildung zu vermeiden.

Die Instrumente keinen Sonnenlichteinstrahlungen oder Dämpfen durch Chemikalien (Säuren oder scharfe Reinigern) aussetzen.

Vor der ersten Sterilisation alle Schutzkappen und Folien vollständig entfernen und anschließend reinigen.

Gebrauchte Instrumente unmittelbar nach Beendigung des Eingriffs von Blut, Gewebe und Arzneimittel reinigen. Instrumente in eine freigegebene Lösung eines kombinierten Reinigungs- und Desinfektionsmittels, das keine proteinfixierende Wirkung besitzt, einlegen.

Dosierung des Herstellers beachten. Nicht in NaCl Lösung einlegen, ansonsten Gefahr für Loch- bzw. Spannungsriß-Korrosion

Überfüllung von Instrumentensieben und Wasch-Trays vermeiden.

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

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

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

Funktionsprüfung in zusammengebautem Zustand durchführen.

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

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

Sterilisation ist kein Ersatz für Sauberkeit!

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

Reda Instrumente GmbH  
78532 Tuttlingen

## **IMPORTANT INFORMATION CONCERNING PREPARING AND STERILIZING SURGICAL INSTRUMENTS**

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

### **1. INITIAL USE**

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

### **2. TREATING INSTRUMENTS AFTER USAGE**

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

### **3. TESTING FOR CORRECT FUNCTIONING**

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

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

### **4. STERILIZATION**

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

### **5. IN GENERAL**

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

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

## SUGERENCIAS PARA LA LIMPIEZA, ESTERILIZACIÓN Y MANTENIMIENTO DE INSTRUMENTOS QUIRÚRGICOS

### ENJUAGADO

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

### LIMPIEZA

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

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

#### a.- Limpieza en la pila de ultrasonido

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

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

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

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

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

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

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

#### b.- Limpieza con lavadora

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

#### c.- Limpieza manual

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

- Usar cepillos rígidos de plástico, nylon, etc.
- Cepillar concientudamente los instrumentos más delicados y, si es posible, enjuagar, limpiar y esterilizar estos instrumentos separadamente.
- Verificar que toda la superficie de estos instrumentos esté limpia.
- Tras haber cepillado los instrumentos, enjuagárlos 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, LUBRICACIÓN E INSPECCIÓN

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

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

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

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

- Las puntas de las pinzas estén al mismo nivel.

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

### ESTERILIZACIÓN EN AUTOCLAVE

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

#### Instrumentos individuales:

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

#### Instrumentos en serie:

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

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

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

### ATENCIÓN

Al final del ciclo de esterilización - antes del ciclo de secado- abrir ligeramente la portezuela del autoclave y proceder con el ciclo desecado según las instrucciones del fabricante. Si la portezuela del autoclave se abre 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)

**DESINFECTADO** - perfectamente limpio.

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

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

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

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



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REINIGUNG, PFLEGE UND STERILISATION  
CLEANING, CARE AND STERILIZATION  
LIMPIEZA, MANTENIMIENTO Y ESTERILIZACION

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



**ENDOSKOPE**

**ENDOSCOPES**

**ENDOSCOPIOS**

**REDA**

[www.Redainstrumente.de](http://www.Redainstrumente.de)

Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!

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

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

Ultra-slim Nasolaryngoskop  
Ultra-slim Nasolaryngoscope  
Nasolaringoscopio Ultra-slim



R805-130402-034

300 mm Nutzlänge / working length / largo útil

3,4 mm Durchmesser / diameter / diametro

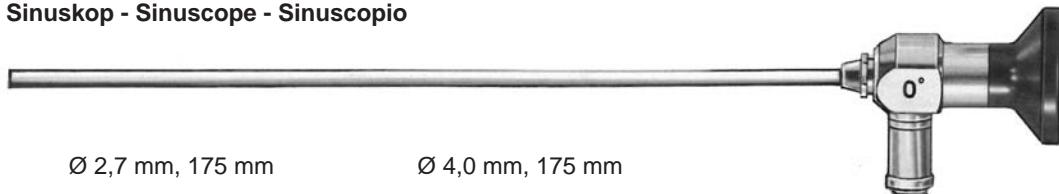
130°	aufwärts / abwärts up / down hacia arriba / hacia abajo	Schwenkbereich des distalen Endes Bending range of distal tip distal final girable
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0° Blickwinkel / direction of view / dirección de vista

Endoskope / Optische Zange  
Endoscopes / Optical Forceps  
Endoscopios / Pinza optica

autoklavierbar / autoclavable / autoclavable  
max. 134°C, 2,3 bar

**Sinuskop - Sinuscope - Sinuscopio**

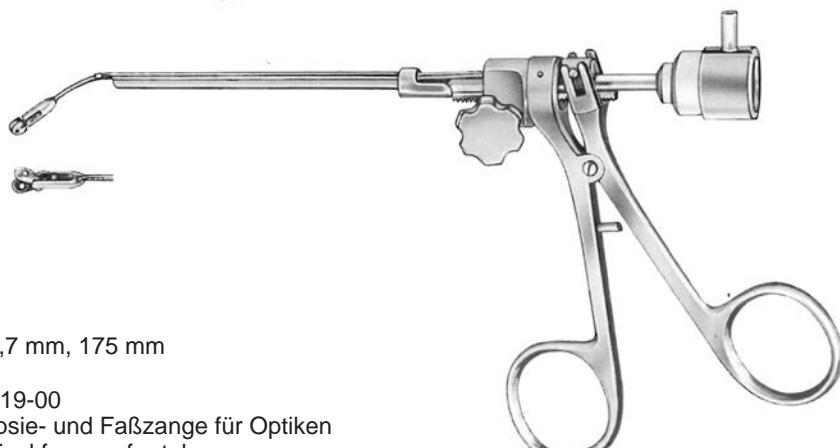


Ø 2,7 mm, 175 mm

R400-027175-000      0°  
R400-027175-030      30°  
R400-027175-070      70°

Ø 4,0 mm, 175 mm

R400-040175-000      0°  
R400-040175-030      30°  
R400-040175-045      45°  
R400-040175-070      70°



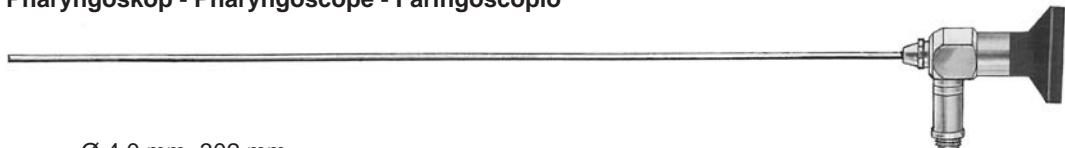
Ø 2,7 mm, 175 mm

47319-00  
Biopsie- und Faßzange für Optiken  
Optical forceps for telescope  
Pinza optica de biopsia y agarre

Endoskope  
Endoscopes  
Endoscopios

autoklavierbar / autoclavable / autoclavable  
max. 134°C, 2,3 bar

**Pharyngoskop - Pharyngoscope - Faringoscopio**



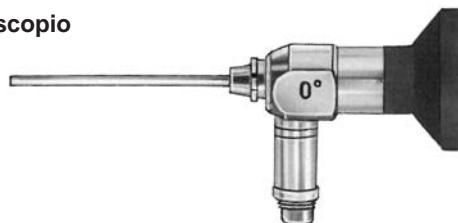
Ø 4,0 mm, 302 mm

R300-040302-000      0°  
R300-040302-030      30°  
R300-040302-070      70°

Endoskope  
Endoscopes  
Endoscopios

autoklavierbar / autoclavable / autoclavable  
max. 134°C, 2,3 bar

#### Otoskop - Otoscope - Otoscopio



Ø 2,7 mm, 41 mm

R501-027041-000      0°  
R501-027041-030      30°

Ø 4,0 mm, 50 mm

R501-040050-000      0°  
R501-040050-030      30°

#### Laryngoskop - Laryngoscope - Laringoscopio



Ø 10 mm, 147,5 mm

R503-100148-070      70°

Ø 11 mm, 145 mm

R503-110145-090      90°

Ø 10 mm, 173 mm

R503-100173-070      70° mit Lichtleiter / integrated light cable / con portador de luz

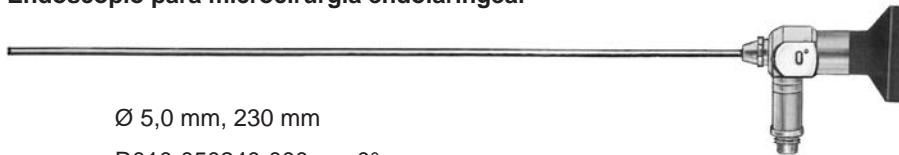
Ø 11 mm, 173 mm

R503-110173-090      90° mit Lichtleiter / integrated light cable / con portador de luz

Endoskope  
Endoscopes  
Endoscopios

autoklavierbar / autoclavable / autoclavable  
max. 134°C, 2,3 bar

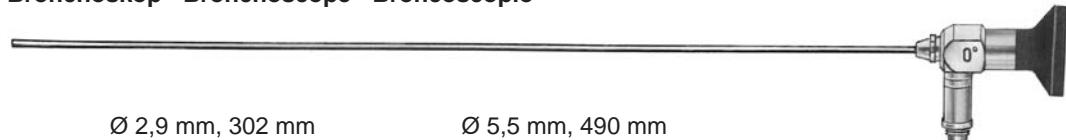
**Endoskop zur endolaryngealen Mikrochirurgie**  
**Endoscope for endolaryngeal microsurgery**  
**Endoscopio para microcirugía endolaringeal**



Ø 5,0 mm, 230 mm

R010-050240-000      0°  
R010-050240-030      30°  
R010-050240-070      70°

**Bronchoskop - Bronchoscope - Broncoscopio**



Ø 2,9 mm, 302 mm

R010-030302-000      0°  
R010-030302-030      30°

Ø 5,5 mm, 490 mm

R010-055490-000      0°  
R010-055490-030      30°

Fiberglas-Lichtkabel ohne Adapter  
 Light Guide Cables without Adapters  
 Cable de fibra optica sin adaptadores



verklebt für Halogen Licht bonded for Halogen Light para luz haloxena	Ø	cm	verschmolzen für Xenon Licht fused for Xenon Light para luz Xenon
R900-035180-00	3,5	180	R901-035180-00
R900-035230-00	3,5	230	R901-035230-00
R900-035300-00	3,5	300	R901-035300-00
R900-035350-00	3,5	350	R901-035350-00
<hr/>			
R900-048180-00	4,8	180	R901-048180-00
R900-048230-00	4,8	230	R901-048230-00
R900-048250-00	4,8	250	R901-048250-00
R900-048300-00	4,8	300	R901-048300-00
R900-048350-00	4,8	350	R901-048350-00

Adapter  
Adapters  
Adaptadores



Adapter zu Lichtquelle  
Adapters to light source  
Adaptador a la fuente de luz

INNEN - IN - INTERIOR



**R900-000000-01**  
Storz / Aesculap



**R900-000000-11**  
Fuji



**R900-000000-03**  
Wolf / Henke Sass /  
Dyonics / Medicon /  
Comeg



**R900-000000-13**  
Heine-Optotechnik



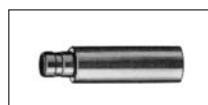
**R900-000000-05**  
ACM / British /  
Codman



**R900-000000-15**  
Winter+IBE



**R900-000000-07**  
Olympus



**R900-000000-21**  
MLW



**R900-000000-09**  
Pentax



**R900-000000-31**  
Volpi / Schöelly /  
RFO



Adapter zu Endoskope  
Adapter to Endoscope-side  
Adaptador al endoscopio

AUSSEN - OUT - EXTERIOR



**R900-000000-02**  
Storz / Winter+IBE /  
Aesculap / Olympus



**R900-000000-06**  
ACM / British /  
Codman



**R900-000000-04**  
Wolf

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



**STIRNLAMPEN**

**HEAD LIGHTS**

**LÁMPARAS FRONTALES**

**REDA**

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Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!

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

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Nystagmusbrille  
Nystagmus Spectacles  
Anteojos para nistagmo



FRENZEL

03167-03

Beleuchtete Nystagmusbrille  
mit querliegendem Batterie-  
handgriff und festen Gläsern

03167-03

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

03167-03

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

Energiequelle:

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

Source of energy:

2 bulbs 4-volt  
2 baby-battery cells 1.5 V

Alimentación:

2 unidades de bombillas de  
4 voltios  
2 unidades de pilas de  
1.5 voltios



03165-07

Ersatzlampe

Spare bulb

Bombilla de repuesto

Stirnspiegel  
Head Mirror  
Espejos frontales



03180-93  
ø 90 mm



ZIEGLER  
03180-90  
compl.



03180-92

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

03180-92  
Stirnstreifen, allein

03180-93  
Spiegel, allein  
90 mm ø

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

03180-92  
head band, only

03180-93  
Mirror, only  
90 mm ø

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

03180-92  
cinta, suelta

03180-93  
Espejo, suelto  
90 mm ø

HNO Stirnleuchte  
Miniature Headlight  
Lampara frontal mini



03192-00

Fiberoptische Miniaturstirnleuchte für den OP-Bereich. Miniatur-Hochleistungs-Optik, Faserbündel- ø 3,5 mm, heller / homogener Lichtfleck, ledergepolstertes Stirnband mit seitlichen Kopfstützen und Stellrad. Lieferung ohne Adapter für Lichtquelle.

03192-00

Fibre Optic miniature headlight for operation theatre. Perfect view by very small optic. The fibre bundle diameter of 3.5 mm and the double lens system effects a small and homogenous light spot with lateral head supports. Easily adjustable by hand wheel. Supplied without adapter for light source.

03192-00

Frontal de luz fría para profunda e intensiva iluminación. El cable de fibra optica de 3,5 mm de diametro y su sistema de doble lente ofrece una iluminacion clara y homogenea haz de luz con soportes laterales. Facilmente ajustable con el sistema de rueda. Suministrado sin adaptador para fuente de luz.



03192-01

wie 03192-00, aber Projektorseite 90°  
same as 03192-00, but projector side 90° angled  
como 03192-00, pero terminal para proyector angulado en 90°



03193-20

Adapter  
Adapter  
Adaptador

HNO Stirnlampe, Kaltlicht  
 Headlight Microfocus, Fibre Optic  
 Lampara frontal mini, luz fria



03193-00

Stirnlampe mit stufenlos variablem Mikrofokus zur blendfreien Tiefenausleuchtung. Durch kleinen Lichtaustritt und verstellbarer Kleinoptik optimales Sichtfeld. Komplett mit 2,2 m F/O-Kabel (Faserbündel- ø 3,5 mm) und ledergepolstertem Kopfbügel-Stirnreif. Ohne Adapter für Lichtquelle.

03193-00

Headlight with stepless variable micro focus for intensive depth illumination. Very small focus. 2.2 m F/O cable (fibre bundle ø 3.5 mm). Ergonomic and leather padded headband with crossband. Supplied without adapter for light source.

03193-00

Frontal de luz con focus variable y progresion continua con cable de 2,2 m largo y 3,5 mm de diámetro. Cabezal recubierto de piel e ergonómico. Se suministra sin adaptador para fuente de luz.



03193-01

wie 03193-00, aber Projektorseite 90°  
 same as 03193-00, but projector side 90° angled  
 como 03193-00, pero terminal para proyector angulado en 90°

03193-20

Adapter  
 Adapter  
 Adaptador

Stirnlampe  
Head Light  
Lámpara frontal



CLAR  
03195-00



03195-01  
Ø 55 mm



03195-06  
6 Volt

komplett mit Stirnstreifen und Kabel  
complete with head band and cable  
completo con cinta frontal y cable

Spiegel aus Glas ohne Fassung  
Glass Mirror without frame  
Reflector de cristal, sin montura



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

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

Stirnlampe  
Head Light  
Lámpara frontal

03194-00

Xenon Stirnlampe mit Batteriebox  
Xenon headlight with battery box  
Lampara frontal Xenon con caja para bateria



03194-01

Ersatzlampe mit Reflektor  
Spare lamp with reflector  
Lampara de repuesto con reflector

03196-00

Kabellose OP-LED-Stirnlampe,  
schwarz, mit Kopfbügel und Akku

Wireless OT-LED-Headlight,  
black, with headband

Lampara frontal LED, inalam-  
brica, negra con cinta y bateria





**Reda Instrumente GmbH**  
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**BOHRER**

**BURRS**

**BROCAS**

**REDA**

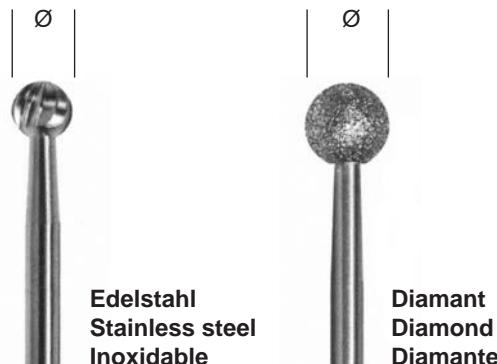
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Bohrer 70 mm, Schaft 2,35 mm  
Burrs, 70 mm, Shaft 2.35 mm  
Brocas, 70 mm, vástago 2,35 mm



Ø 0,60 mm	50236-06
Ø 0,70 mm	50242-07
Ø 0,80 mm	50236-08
Ø 1,00 mm	50236-10
Ø 1,40 mm	50236-14
Ø 1,50 mm	50242-15
Ø 1,80 mm	50236-18
Ø 2,00 mm	50242-20
Ø 2,30 mm	50236-23
Ø 2,50 mm	50242-25
Ø 2,70 mm	50242-27
Ø 3,00 mm	50242-30
Ø 3,10 mm	50236-31
Ø 3,50 mm	50236-35
Ø 4,00 mm	50236-40
Ø 4,50 mm	50236-45
Ø 5,00 mm	50236-50
Ø 6,00 mm	50236-60
Ø 7,00 mm	50236-70
	50242-35
	50242-40
	50242-45
	50242-50
	50242-60
	50242-70

Bohrer 70 mm, Schaft 2,35 mm  
 Burrs, 70 mm, Shaft 2.35 mm  
 Brocas, 70 mm, vástago 2,35 mm



**Hartmetall  
Tungsten Carbide  
Tungsteno**

**Hartmetall grob  
Tungsten Carbide coarse  
Tungsteno grueso**

Ø 0,60 mm	50237-06	
Ø 0,70 mm		
Ø 0,80 mm	50237-08	
Ø 1,00 mm	50237-10	
Ø 1,40 mm	50237-14	
Ø 1,50 mm		
Ø 1,80 mm	50237-18	
Ø 2,00 mm		
Ø 2,30 mm	50237-23	
Ø 2,50 mm	50237-25	
Ø 2,70 mm	50237-27	
Ø 3,00 mm	50237-30	
Ø 3,10 mm		
Ø 3,50 mm	50237-35	50238-35
Ø 4,00 mm	50237-40	50238-40
Ø 4,50 mm	50237-45	50238-45
Ø 5,00 mm	50237-50	50238-50
Ø 6,00 mm	50237-60	
Ø 7,00 mm	50237-70	



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**HOCHFREQUENZ-  
CHIRURGIE**

**HIGH FREQUENCY  
SURGERY**

**CIRUGIA DE ALTA  
FRECUENCIA**

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Hochfrequenz-Chirurgie  
High Frequency Surgery  
Electrocirugía

Mindestbestellmenge 10  
Minimum order quantity 10  
Cantidad minima 10



91010-01  
Fig. 1



91010-02  
Fig. 2 45°



91010-03  
Fig. 3 120°



91010-11  
Fig. 11  
Ø 3 mm



91010-12  
Fig. 12  
Ø 5 mm



91010-13  
Fig. 13  
Ø 8 mm



91010-14  
Fig. 14



91010-15  
Fig. 15 45°  
7,0x1,5 mm



91010-16  
Fig. 16 45°  
7 mm



91010-17  
Fig. 17  
6,0x1,3 mm



91010-18  
Fig. 18 30°  
7,0x1,7 mm



91010-21  
Fig. 21  
7,0x1,7 mm



91010-31  
Fig. 31 45°  
Ø 0,6 mm



91010-33  
Fig. 33 45°  
Ø 1,7 mm



91010-34  
Fig. 34 45°  
Ø 3,0 mm



91010-35  
Fig. 35



91010-36  
Fig. 36 90°

Schaft  
shaft  
vástago  
Ø 2,4 mm

Mindestbestellmenge 10  
Minimum order quantity 10  
Cantidad minima 10

Hochfrequenz-Chirurgie  
High Frequency Surgery  
Electrocirugía



91011-51  
Fig. 51 45°  
Ø 3 mm



91011-52  
Fig. 52 45°  
7,0x1,7 mm



91011-53  
Fig. 53 45°



91011-54  
Fig. 54



91011-55  
Fig. 55



91011-56  
Fig. 56 45°  
Ø 5 mm



91011-61  
Fig. 61 45°



91011-62  
Fig. 62 90°

### Serie STANDARD



91020-01



91020-02

Schaft  
shaft  
vástago  
Ø 2,4 mm

Schaft  
shaft  
vástago  
Ø 4 mm



91020-03



91020-04



Ø mm

5	91022-05
10	91022-10
20	91022-20



Ø mm

10	91024-10
15	91024-15
20	91024-20



Ø mm

2	91030-02
4	91030-04
6	91030-06

Schaft  
shaft  
vástago  
Ø 4 mm

Bipolare Koagulation  
Bipolar Coagulation  
Coagulación bipolar



91102-11  
11 cm, 4  $\frac{3}{8}$ "



91104-11  
11 cm, 4  $\frac{3}{8}$ "



91109-11  
11 cm, 4  $\frac{3}{8}$ "  
45°  
0.5 mm



91113-11  
11 cm, 4  $\frac{3}{8}$ "  
45°  
0.5 mm



91115-11  
11 cm, 4  $\frac{3}{8}$ "  
45°  
0.5 mm



91122-16  
16,5 cm, 6  $\frac{1}{2}$ "  
0.5 mm



91123-16  
16,5 cm, 6  $\frac{1}{2}$ "  
0.5 mm



91124-16  
16,5 cm, 6  $\frac{1}{2}$ "  
1 mm



91125-16  
16,5 cm, 6  $\frac{1}{2}$ "  
0.5 mm



91127-16  
16,5 cm, 6  $\frac{1}{2}$ "  
1 mm

Bipolare Koagulation  
Bipolar Coagulation  
Coagulación bipolar



91142-16  
16,5 cm, 6 ½“  
1 mm



91144-16  
16,5 cm, 6 ½“  
0.5 mm



91146-16  
16,5 cm, 6 ½“  
1 mm



91152-19  
19,5 cm, 7 ¾“  
0.3 mm



91154-19  
19,5 cm, 7 ¾“  
1 mm



91157-19  
19,5 cm, 7 ¾“  
1 mm



91159-19  
19,5 cm, 7 ¾“  
2 mm

Bipolare Koagulation  
Bipolar Coagulation  
Coagulación bipolar



91162-19  
19,5 cm, 7  $\frac{3}{4}$ "  
0.3 mm



91164-19  
19,5 cm, 7  $\frac{3}{4}$ "  
1 mm



91166-19  
19,5 cm, 7  $\frac{3}{4}$ "  
2 mm



91167-19  
19,5 cm, 7  $\frac{3}{4}$ "  
1 mm



91169-19  
19,5 cm, 7  $\frac{3}{4}$ "  
1 mm



91172-03  
0,3 mm



91172-07  
0,7 mm



91172-12  
1,2 mm

91172-03 - 91172-12  
22,5 cm, 8.9"

**Unit side**

Erbe / Storz 12,5 mm Ø



Martin / Berchtold 8 mm Ø  
AESCULAP  
Wolf



Valleylab / Lamidey / EMC



2-Pin U.S. Standard  
Eschmann



**Instrument side**

Cable length  
Meter

Flat plug europe



3

R065-040125-003

R065-040125-103

5

R065-040125-005

R065-040125-105

3

R065-020080-003

R065-020080-103

5

R065-020080-005

R065-020080-105

3

R065-040285-003

R065-040285-103

5

R065-040285-005

R065-040285-105

3

R065-040000-003

R065-040000-103

5

R065-040000-005

R065-040000-105

Bipolare Koagulation  
Bipolar Coagulation  
Coagulación bipolar

## NON STICK

gerade  
straight  
recta



	0,3 mm	0,5 mm	1,0 mm	2,0 mm
11,0 cm, 4 3/8"	91110-03N	91110-05N	91110-10N	
16,0 cm, 6 1/4"	91160-03N	91160-05N	91160-10N	91160-20N
18,0 cm, 7"		91180-05N	91180-10N	91180-20N
19,5 cm, 7 3/4"		91200-05N	91200-10N	91200-20N
22,0 cm, 8 3/4"			91220-10N	91220-20N
24,0 cm, 9 1/2"			91240-10N	
30,0 cm, 12"			91300-10N	91300-20N

abgewinkelt 45°  
angled 45°  
angulada 45°



	0,3 mm	0,5 mm	1,0 mm	2,0 mm
11,0 cm, 4 3/8"	91112-03N	91112-05N	91112-10N	
16,0 cm, 6 1/4"		91162-05N	91162-10N	
18,0 cm, 7"			91182-10N	91182-20N
19,5 cm, 7 3/4"		91202-05N	91202-10N	91202-20N
22,0 cm, 8 3/4"			91222-10N	91222-20N
24,0 cm, 9 1/2"			91242-10N	

## NON STICK

Bipolare Koagulation  
Bipolar Coagulation  
Coagulación bipolar

bayonett gerade  
bayonet straight  
bayoneta recta



	0,3 mm	0,5 mm	1,0 mm	2,0 mm
16,0 cm, 6 1/4"	91166-03N	91166-05N	91166-10N	91166-20N
19,5 cm, 7 3/4"		91206-05N	91206-10N	91206-20N
22,0 cm, 8 3/4"		91226-05N	91226-10N	91226-20N
24,0 cm, 9 1/2"		91246-05N	91246-10N	91246-20N

bayonett nach oben  
bayonet upwards  
bayoneta hacia arriba



	1,0 mm
19,5 cm, 7 3/4"	91207-10N
22,0 cm, 8 3/4"	91227-10N

bayonett nach unten  
bayonet downwards  
bayoneta hacia abajo



	0,5 mm	1,0 mm
16,0 cm, 6 1/4"	91168-05N	91168-10N
19,5 cm, 7 3/4"		91208-10N
22,0 cm, 8 3/4"		91228-10N

Bipolare Saugpinzetten  
Bipolar Suction Forceps  
Pinza de succión bipolar

Saugpinzetten zum Absaugen von Blut und Sekret vor der Koagulation bzw. zum Absaugen von Rauch während der Koagulation.

Europäischer Flachstecker zum Anschluß von bipolaren Kabeln für praktisch alle gebräuchlichen HF-Generatoren.

Der Saugkanal mit Unterbrecherloch ist in einem Schenkel der Pinzette integriert.

An der Schlaucholive können verschiedene Schlauchdurchmesser angeschlossen werden.

Suction forceps for extraction of blood and debris by suction right before coagulation or extraction of smoke while coagulating.

European flat socket connector for bipolar cables for nearly all common high frequency generators.

Suction channel integrated inside the forceps.

Suction connector matches different suction tube diameters.



Pinza de succión para sangre y líquidos antes de efectuar la coagulación como también para la eliminación de humo durante la coagulación. Enchufe plano europeo para conectar cables bipolares de equipos de alta frecuencia en uso corrientemente.

El canal de succión con su agujero de interrupción está incorporado en un lado de la pinza.

El diseño de la oliva de conexión permite la adaptación de tubos de varios diámetros.

Monopolar Saugkoagulator  
Monopolar Suction Coagulator  
Coagulador de succión monopolar antiadherente

## NON STICK

gerade, biegsam  
straight, malleable  
recta, maleable

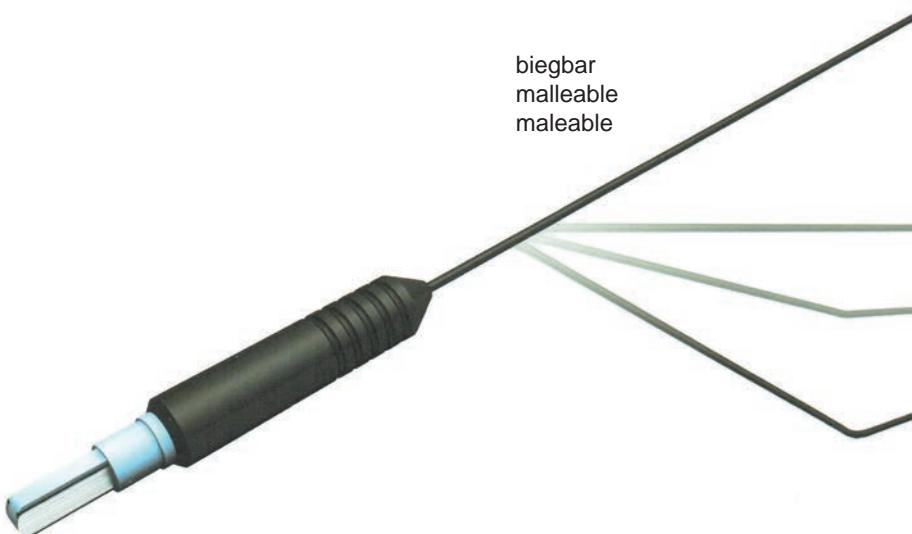


91179-18N  
18 cm, 7"

Bipolare Stichkoagulationselektrode  
Bipolar Stitch Coagulation Electrodes  
Electrodos de coagulación de puncion, bipolar



Bipolare Koagulationselektrode MICRODOME  
Bipolar Coagulation Elektrode MICRODOME  
Electrodo de coagulación bipolar MICRODOME



91178-14  
14 cm, 5 ½"



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**OTOLOGIE**

**OTOTOLOGY**

**OTOLOGÍA**

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Diagnostik-Bestecke mit Standardbeleuchtung  
Diagnostic Sets with Standard Illumination  
Estuches de diagnóstico con iluminación standard

**UNI I**



**Nr. 03161-00**

Weltbekanntes und preiswertes Otoskop mit Standardbeleuchtung 2,5 V. Besonders geeignet für Studenten und Ärzte.  
**Set bestehend:** Aus **Otoskopkopf** verchromt, mit Steckverschluß. **Verchromter Batteriegriff 28 mm ø** für 2 Batterien Typ C. Mit abnehmbarem Abdeckglas in Kunststoff-Fassung mit Plastikkonnektor für den pneumatischen Test. Die verchromte Schwenklinse ist abnehmbar und vergrößert 4,0-fach. Die Lichtstärke kann anhand des Rheostaten reguliert werden. Mit 3 wiederverwendbaren Ohrrichtern 2, 3 und 4 mm ø. Komplett in silberfarbener Kunststofftasche.

**No. 03161-00**

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

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

**No. 03161-00**

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

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

Diagnostik-Bestecke mit Standardbeleuchtung  
Diagnostic Sets with Standard Illumination  
Estuches de diagnóstico con iluminación standard

**UNI II**



**Nr. 03161-01**

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

**No. 03161-01**

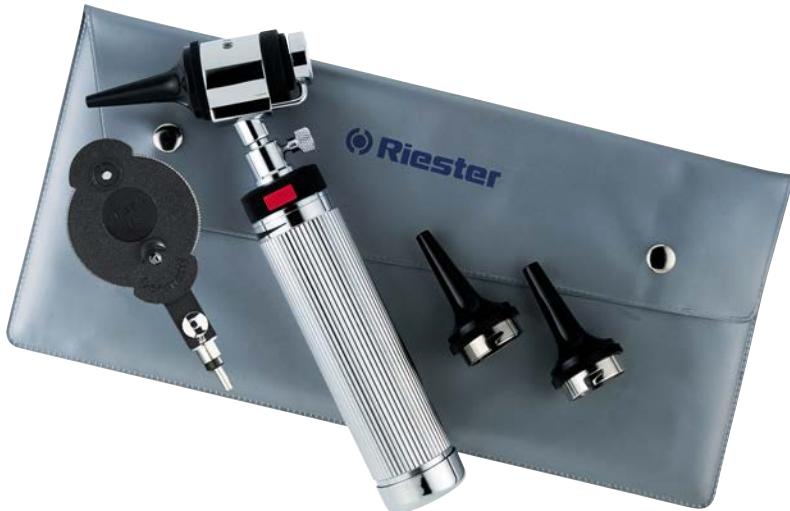
World-famous ophthalmoscope set at a budget price for physicians and students. 2,5 V standard illumination for use with 2 batteries Type C. Set includes: **May ophthalmoscope head**: Pin contact fitting. Lens selection wheel permits choice of corrective lenses from 0 to +20 and 0 to -20 diopters. Single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

**No. 03161-01**

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

Diagnostik-Bestecke mit Standardbeleuchtung  
Diagnostic Sets with Standard Illumination  
Estuches de diagnóstico con iluminación standard

**UNI III**



**Nr. 03161-02**

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

**No. 03161-02**

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

**No. 03161-02**

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

Diagnostik-Bestecke mit Standardbeleuchtung  
Diagnostic Sets with Standard Illumination  
Estuches de diagnóstico con iluminación standard



**ECO "T" 03161-03T**

- a) Otoskop, mit Schraubverschluss und 3 Ohrtrichtern, 2-3-4 mm  
Otoscope with screw fitting and 3 ear speculas with, 2-3-4 mm  
Otoscopio, con cierre a tornillo y con 3 espéculos auriculares de 2-3-4 mms
- b) Oftalmoskop, 0 bis +20 und 0 bis -20 Dioptrien, mit Schraubverschluss  
Ophthalmoscope from 0 to +20 and 0 to -20 dioptres with screw fitting  
Oftalmoscopio, 0 a + 20 y 0 a - 20 dioptrías, con cierre a tornillo
- c) Nasenspekulum  
Nasal Speculum  
Espéculo nasal
- d) Lampenträger mit Schraubverschluss  
Bent arm illuminator with screw fitting  
Porta-lámpara, con cierre a tornillo
- e) 2 Kehlkopfspiegel No. 3 und 4  
2 laryngeal mirrors no. 3 and 4  
Espejos laringeos Nos. 3 y 4
- f) Mundspatelhalter  
Tongue blade holder  
Abaja-lenguas
- g) Batteriegriff für 2 Batterien mit Schraubverschluss (ohne Batterien)  
Battery handle for 2 batteries  
Mango para 2 pilas, con cierre a tornillo (sin pilas)
- h) Ersatzlämpchen 2.5 V  
Spare lamp 2.5 V  
Bombillo de repuesto 2.5 V

**ECO "C" 03161-03C**

Inhalt gleich wie oben, mit drehbarem Schnellverschluss.  
Contains same as above, but with quick plug-in connector.  
Mismo contenido como arriba pero con CIERRE RAPIDO GIRATORIO.

Diagnostik-Bestecke mit Xenonbeleuchtung  
Diagnostic Sets with Xenon Illumination  
Estuches de diagnóstico con iluminación Xenon



**RI-MINI**



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

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

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

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

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

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

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

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

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

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

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

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

Ohrspekula  
Ear Specula  
Espéculos auriculares



POLITZER  
45009-00  
Set = 3

Innen Ø  
○ = 2,0 mm  
45009-02

○ = 3,0 mm  
45009-03

○ = 4,0 mm  
45009-04



HARTMANN  
45010-00  
Set = 4,5 - 7,5 mm

Innen Ø  
○ = 2,0 mm  
45010-20  
○ = 3,0 mm  
45010-30  
○ = 4,5 mm  
45010-45  
○ = 5,5 mm  
45010-55  
○ = 6,5 mm  
45010-65  
○ = 7,5 mm  
45010-75



HARTMANN  
45011-00  
Set 3-7 mm

Innen Ø  
○ = 2,0 mm  
45011-03  
○ = 3,5 mm  
45011-04  
○ = 5,0 mm  
45011-05  
○ = 6,5 mm  
45011-07  
○ = 7,5 mm  
45011-08



TOYNBEE  
45012-00  
Set = 5,5 - 7,5 mm

Innen Ø  
○ = 4,0 mm  
45012-40  
○ = 5,5 mm  
45012-55  
○ = 6,5 mm  
45012-65  
○ = 7,5 mm  
45012-75



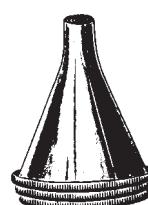
GRUBER, rund  
45014-00  
Set = 4

Innen Ø  
○ = 4,5 mm  
45014-45  
○ = 5,5 mm  
45014-55  
○ = 6,5 mm  
45014-65  
○ = 7,5 mm  
45014-75



GRUBER, oval  
45015-00  
Set = 3

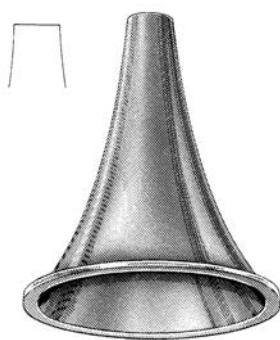
Innen Ø  
○ = 4,5 mm  
45015-45  
○ = 5,5 mm  
45015-55  
○ = 6,5 mm  
45015-65



BOUCHERON  
45018-00  
Set = 4

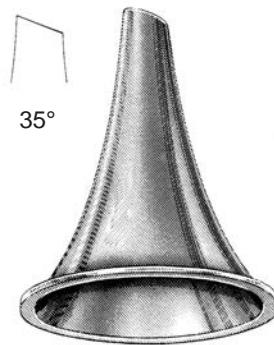
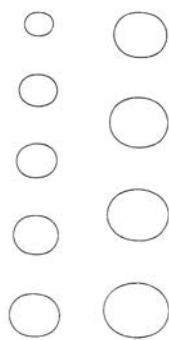
Innen Ø  
○ = 5,0 mm  
45018-50  
○ = 6,0 mm  
45018-60  
○ = 7,0 mm  
45018-70  
○ = 8,0 mm  
45018-80

Ohrspekula  
Ear Specula  
Espéculos auriculares



FARRIOR

- 45019-30 3,0 x 4,0 mm
- 45019-40 4,0 x 5,0 mm
- 45019-45 4,5 x 5,5 mm
- 45019-50 5,0 x 6,0 mm
- 45019-55 5,5 x 6,5 mm
- 45019-60 6,0 x 7,0 mm
- 45019-65 6,5 x 7,5 mm
- 45019-70 7,0 x 8,0 mm
- 45019-75 7,5 x 8,5 mm



FARRIOR

- 45020-30 3,0 x 4,0 mm
- 45020-40 4,0 x 5,0 mm
- 45020-45 4,5 x 5,5 mm
- 45020-50 5,0 x 6,0 mm
- 45020-55 5,5 x 6,5 mm
- 45020-60 6,0 x 7,0 mm
- 45020-65 6,5 x 7,5 mm
- 45020-70 7,0 x 8,0 mm
- 45020-75 7,5 x 8,5 mm

Ohrspekula  
Ear Specula  
Espéculos auriculares

6,5 mm



45030-06

7,5 mm



45030-07

8,2 mm

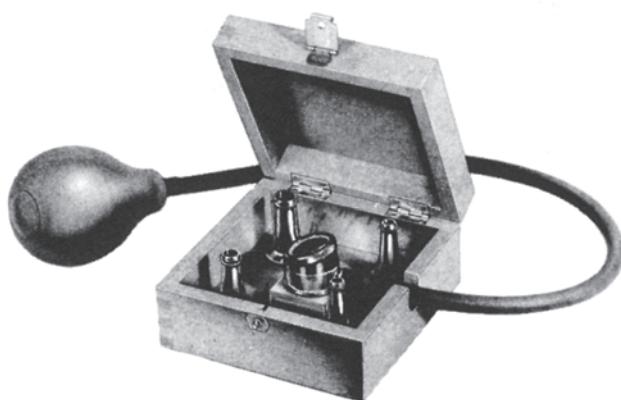


45030-08

10 mm



45030-10



BRUENINGS

45030-04

45030-04

Komplett bestehend aus:  
4 Spekula, Saugkammer mit  
Gebläse, Holzetsui

Complete consisting of:  
4 specula, suction head and rubber  
tube with bulb, wooden case

Compuesto de:  
4 espéculos, cámara de aspiración,  
insuflador de goma, en estuche de  
madera

Ersatzteile / spare parts / repuestos

45036-09

Lupe / Magnification glass / lupa

45036-10

Saugpumpe / rubber ball / pera de  
goma

Ohrspeekula  
Ear Specula  
Espéculos auriculares



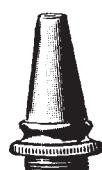
7,5 mm Ø



8,5 mm Ø



9,5 mm Ø



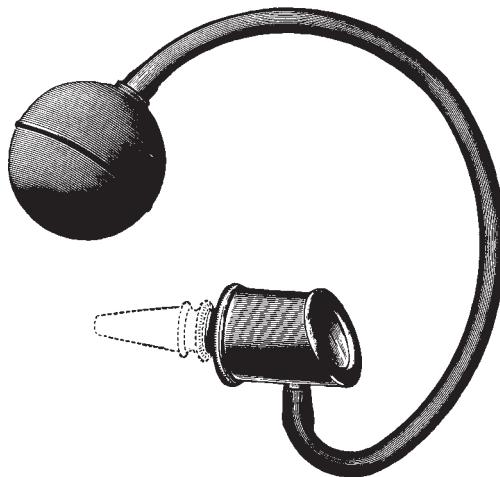
45036-06



45036-07



45036-08



SIEGLE  
45036-03

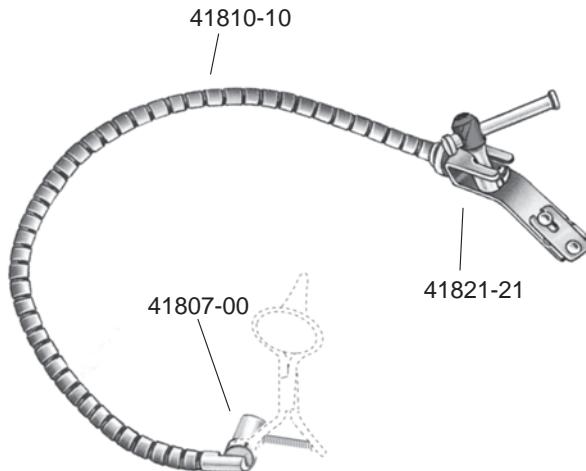
**45036-03**

Komplett bestehend aus:  
Ohrspeekulum, 3 Spekula, 1 Gebläse

Complete consisting of:  
Ear Specula, 1 rubber tube with bulb

Completo, compuesto de:  
Otoscopio con 3 espéculos, insuflador y tubo

Ohrspeekulahalter  
Ear Specula Holder  
Soporte para especulos auriculares



**YASARGIL**

41803-01 Ohrspeekulahalter, komplett, bestehend aus:  
ear specula holder, complete, consisting of:  
soporte para especulos auriculares completo, compuesto de:

41810-10 flexibler Spannarm  
flexible arm, only  
brazo flexible, suelto

41821-21 Fixiervorrichtung zum Befestigen an Rohrteilen bis Ø 16 mm  
clamp for fixation on bars up to Ø 16 mm  
dispositivo de fijacion para tubos hasta Ø 16 mm

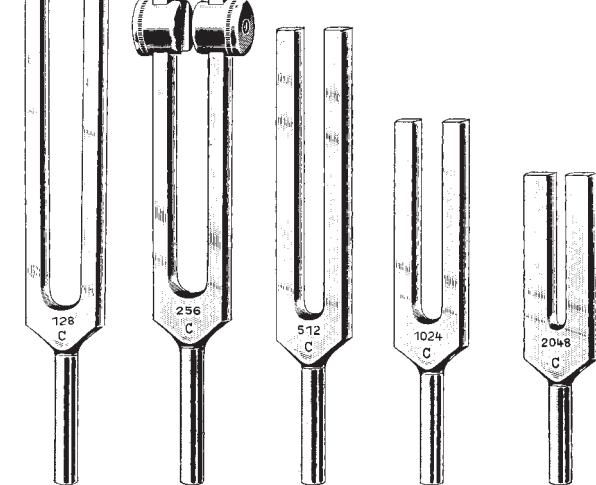


41807-00  
Ohrspeekulahalter alleine  
Ear specula holder only  
Soporte para especulos auriculares, suelto

Stimmgabeln  
Tuning Forks  
Diapasones



ALU



45060-01  
C 128

45060-02  
C<sup>1</sup> 256

45060-03  
C<sup>2</sup> 512

45060-04  
C<sup>3</sup> 1024

45060-05  
C<sup>4</sup> 2048



45061-00  
compl.



STAINLESS



HARTMANN  
45071-00  
compl.

45070-01  
C 128

45070-02  
C<sup>1</sup> 256

45070-03  
C<sup>2</sup> 512

45070-04  
C<sup>3</sup> 1024

45070-05  
C<sup>4</sup> 2048

45070-06  
C<sup>5</sup> 4096

Stimmgabeln  
Tuning Forks  
Diapasones



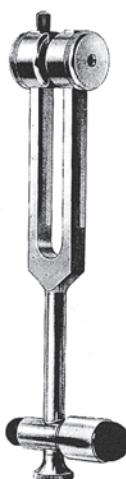
45072-01  
a<sup>1</sup> 440



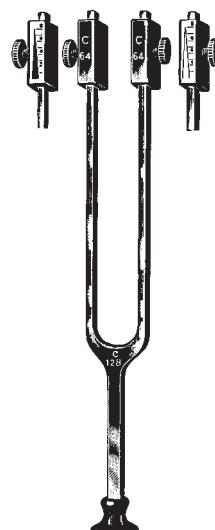
LUCAE  
45073-01 C 128  
45073-02 C<sup>1</sup> 256  
45073-03 C<sup>2</sup> 512  
45073-04 C<sup>3</sup> 1024  
45073-05 C<sup>4</sup> 2048  
45073-06 C<sup>5</sup> 4096



LUCAE  
45074-01  
C 128



45075-00

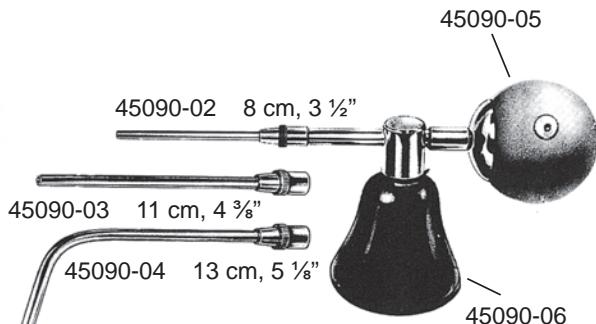


RYDEL-SEIFFERT  
45076-01 C 128 / C 64

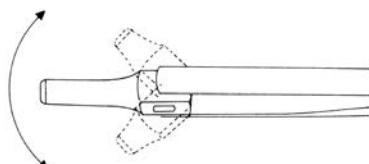
Lärmtrömmel, Pulverbläser  
Noise Apparatus, Powder Blowers  
Ensorcedor, Lanzapolvo



BARANY  
45080-00



KABIERSKE  
45090-00 30 ccm  
komplett mit 3 Kanülen und Gummiball  
complete with 3 cannulas and rubber bulb  
completo con 3 cánulas y pera de goma



UNIVERSAL  
45090-08

komplett mit beweglicher Düse,  
Schraubflasche 30 ccm und Halbgebläse

complete with movable tube, screw bottle  
30 ccm and rubber bulb

completo con tubo móvil, botella con rosca de  
30 ccm y pera de goma

Luftdusche, Ohrspritze  
Air Bag, Ear Syringe  
Insuflador de aire, Jeringa auricular



45091-02  
Gummibirne alleine  
Rubber bulb only  
Pera de goma, sola



45091-03



45091-04  
4 mm Ø



45091-15  
15 mm Ø



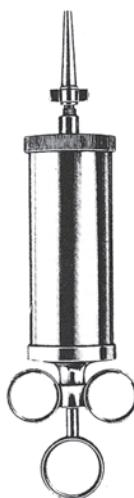
45091-17  
17 mm Ø



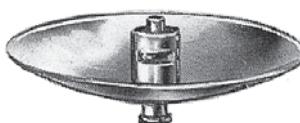
45091-22  
22 mm Ø

POLITZER  
45091-00 Set  
incl.  
45091-03  
45091-15  
45091-17  
45091-22

POLITZER  
45091-01 Set  
incl.  
45091-03  
45091-04  
45091-15  
45091-17  
45091-22



ml REINER, compl.  
50 45096-50  
75 45096-75  
100 45097-10  
150 45097-15



45097-01

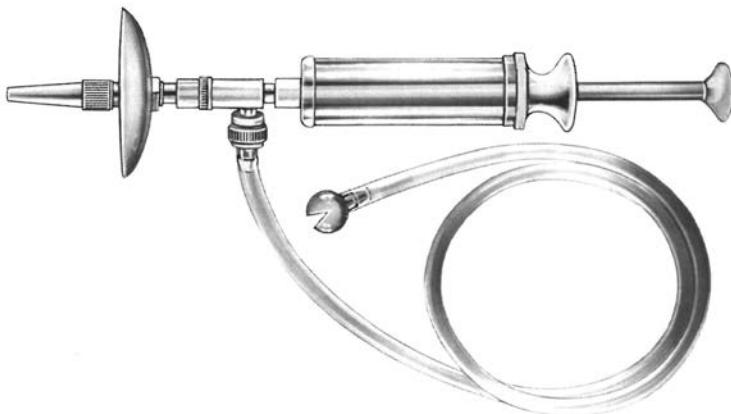


45097-02



45097-03

Ohrspritze  
Ear Syringe  
Jeringa auricular



45096-00

Ohrspritze komplett, 10 ml selbstfüllend mit Luer-Lock Ansatz  
Ear syringe, 10 ml one hand filling and emptying, Luer-Lock attachment  
Jeringa auricular, 10 ml, con conexión Luer-Lock

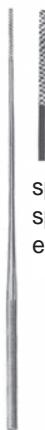
Ohrsonden, Watteträger  
 Ear Probe, Cotton Applicators  
 Sondas auriculares, Porta-algodones

$\varnothing$  1 mm  
 Silber



STACKE  
 21115-10  
 10,5 cm 4.1"

$\varnothing$  1,2 mm



spiralförmig  
 spiral threads  
 estrías espirales

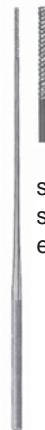
$\varnothing$  1,2 mm



FARRELL

4 $\frac{3}{4}$ "	21270-12	12,0 cm
5 $\frac{1}{2}$ "	21270-14	14,0 cm
6 $\frac{1}{2}$ "	21270-16	16,5 cm

$\varnothing$  1 mm



spiralförmig  
 spiral threads  
 estrías espirales

FROHN

4 $\frac{3}{4}$ "	21277-12	12,0 cm
5 $\frac{1}{2}$ "	21277-14	14,0 cm
6 $\frac{1}{4}$ "	21277-16	16,0 cm

Watteträger  
Cotton Applicators  
Porta-algodones



spiralförmig  
spiral threads  
estrías espirales



REDA  
21290-12 12,0 cm, 4  $\frac{3}{4}$ "  
21290-14 14,0 cm, 5  $\frac{1}{2}$ "  
21290-16 16,0 cm, 6  $\frac{1}{4}$ "

REDA  
21292-12 12,0 cm, 4  $\frac{3}{4}$ "  
21292-14 14,0 cm, 5  $\frac{1}{2}$ "  
21292-16 16,0 cm, 6  $\frac{1}{4}$ "

$\varnothing$  1,3 mm



UCKERMANN  
21310-15 15 cm, 6"

$\varnothing$  3 mm



JOBSON-HORNE  
21320-12 12 cm, 4  $\frac{3}{4}$ "  
21320-18 18 cm, 7"

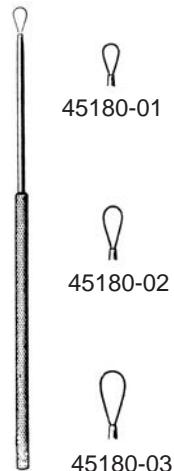
Löffel, Schlingen, Hebel  
Ear Spoons, Loops, Elevator  
Cucharas, Asas, Elevador



GROSS  
45171-12  
12 cm, 4  $\frac{3}{4}$ "



GROSS  
45173-12  
12 cm, 4  $\frac{3}{4}$ "



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



LANGENBECK  
45181-13  
13 cm, 5  $\frac{1}{8}$ "



ZAUFAL  
45184-16  
16 cm, 6  $\frac{1}{4}$ "

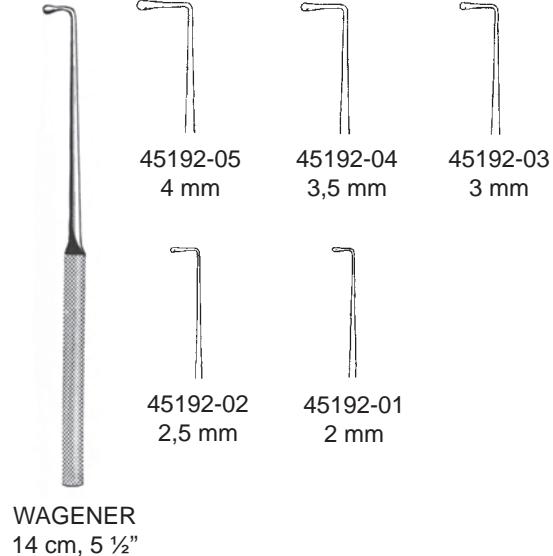


ZAUFAL-JANSEN  
45185-15  
15 cm, 6"

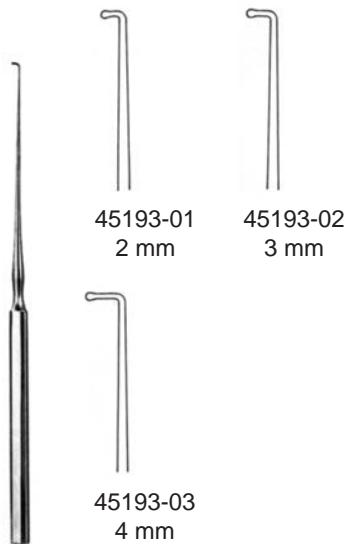
Häkchen  
Ear Hooks  
Ganchitos



DAY  
16 cm, 6 1/4"



WAGENER  
14 cm, 5 1/2"

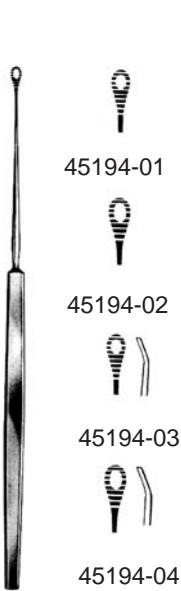


LUCAE  
14 cm, 5 1/2"



45°  
Knopfhäkchen  
Ear hooks, probe ended  
Ganchito para oído, abotonado  
45195-15  
15,5 cm, 6"

Ohrschlingen  
Ear Loops  
Lazos auriculares



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



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

Ohrküretten  
Ear Curettes  
Curetas auriculares

	Innen Ø Inner Ø interior Ø	1.5 mm	1.9 mm	2.5 mm	2.7 mm
Küretten Curettes Curetas					
		Fig. 00	0	1	2
stumpf blunt romas		45109-00	45110-00	45110-01	45110-02
scharf sharp cortantes		45111-00	45112-00	45112-01	45112-02
stumpf blunt romas		45114-00	45115-00	45115-01	45115-02
scharf sharp cortantes		45116-00	45117-00	45117-01	45117-02

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

	Innen Ø Inner Ø interior Ø	3.4 mm	4.0 mm	4.5 mm	
Küretten Curettes Curetas					
		3	4	5	
stumpf blunt romas			45110-03	45110-04	45110-05
scharf sharp cortantes			45112-03	45112-04	45112-05
stumpf blunt romas			45115-03	45115-04	45115-05
scharf sharp cortantes			45117-03	45117-04	45117-05

BUCK  
14,5 cm, 5 ¾"

Ohrkatheter, Trommelfellnadel  
Catheters, Tympanum Knives  
Cateteres, agujas para timpano

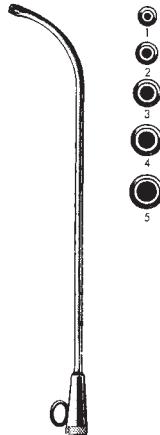


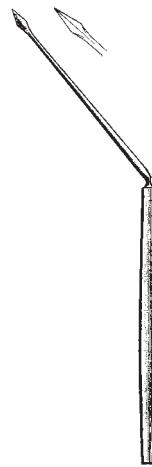
Fig. HARTMANN

- 1 45133-01 2,5 mm
- 2 45133-02 3,0 mm
- 3 45133-03 3,5 mm
- 4 45133-04 4,0 mm
- 5 45133-05 5,0 mm



POLITZER

- 45150-18
- 18 cm, 7"



POLITZER

- 45151-16
- 16,5 cm, 6 1/2"



für Kinder  
for children  
para niños

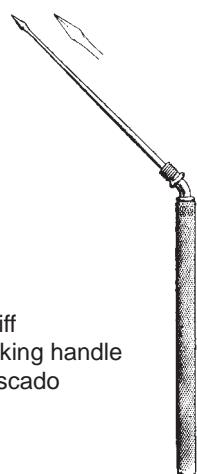
LUCAE  
45152-01  
18 cm, 7"



für Erwachsene  
for adults  
para adultos

LUCAE  
45152-02  
18 cm, 7"

Trommelfellnadel  
Tympanum Knives  
Cuchillos para timpano



mit Schraubgriff  
with screw-locking handle  
con mango roscado

POLITZER  
45153-16  
16 cm, 6 ¼"



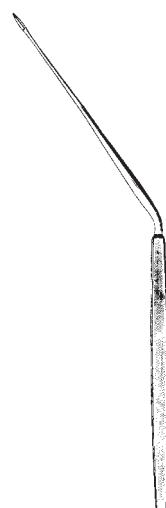
POLITZER  
45160-15  
15 cm, 6"



SEXTON  
45162-18  
18 cm, 7"

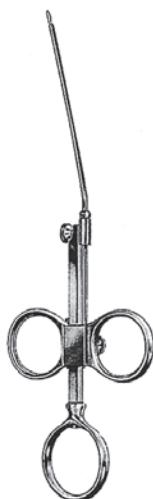


SEXTON  
45164-17  
17 cm, 6 ¾"

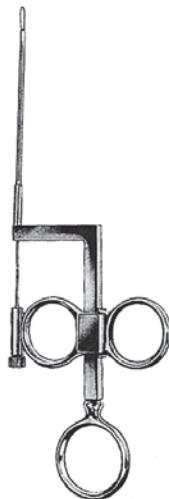


SEXTON  
45165-17  
17 cm, 6 ¾"

Ohrpolypenschnürer  
Ear Polypus Snares  
Polipotomos auriculares



KRAUSE  
45220-16  
16 cm, 6 ¼"



WILDE  
45222-17  
17 cm, 6 ¾"

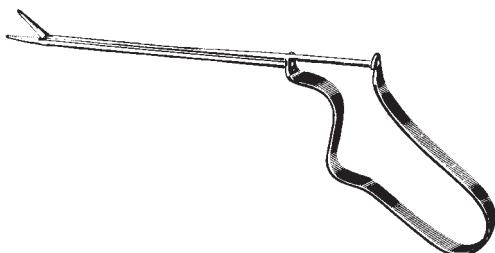


45225-02  
doz./doc./dozz.  
0,2 mm

Fremdkörperhebel  
Foreign Body Levers  
Elevadores para cuerpos extraños

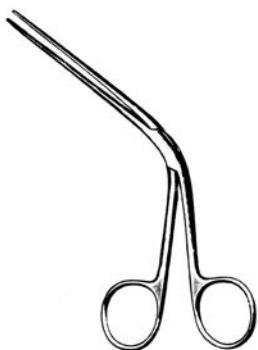


QUIRE  
45251-10  
10 cm, 4"



BUCK  
45253-11  
11 cm, 4 3/8"

Ohrzängchen  
Ear Forceps  
Pinzas auriculares



TILLEY  
45243-14  
14 cm, 5 ½"



LITTAUER  
45245-12  
12 cm, 4 ¾"

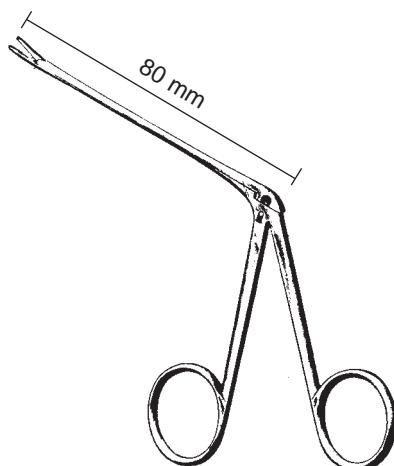


HARTMANN  
45246-12  
12 cm, 4 ¾"



HARTMANN  
45246-14  
14 cm, 5 ½"

Mikro Ohrzängchen  
Micro Ear Forceps  
Micro pinzas auriculares



HARTMANN-WULLSTEIN  
45255-08  
8,5 cm, 3.4"

○ 1 mm Ø

HARTMANN-WULLSTEIN  
45257-08  
8,5 cm, 3.4"



HARTMANN  
45261-08 8,5 cm, 3.4"  
45261-14 14,0 cm, 5 ½"  
45261-16 16,0 cm, 6 ¼"



HARTMANN  
45263-08 8,5 cm, 3.4"  
45263-14 14,0 cm, 5 ½"



HARTMANN  
45265-08  
8,5 cm, 3.4"



Ø mm HARTMANN  
2,0 45267-20 8,5 cm, 3.4"  
2,5 45267-25 8,5 cm, 3.4"  
3,0 45267-30 8,5 cm, 3.4"

3 mm Ø



HARTMANN  
45269-30  
8,5 cm, 3.4"



STRUEMPEL  
45271-08 8,5 cm, 3.4"  
2,5x5 mm



HARTMANN  
45273-08  
8,5 cm, 3.4"

○ 2 mm Ø



HARTMANN-WEINGÄRTNER  
45274-08  
8,5 cm, 3.4"

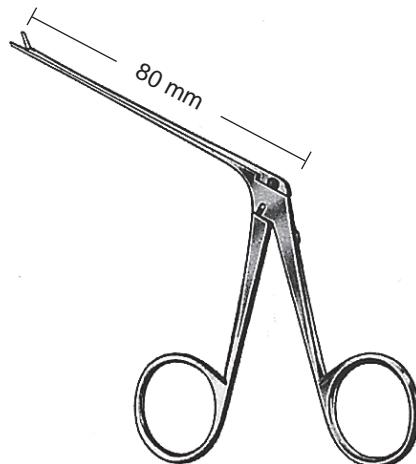


HARTMANN-HOFFMANN  
45275-08  
8,5 cm, 3.4"



45276-08  
14 cm, 5 ½"  
Entenschnabel  
Duckbill  
Pico de pato

Mikro Ohrzängchen  
Micro Ear Forceps  
Micro pinzas auriculares



**A**  
45350-40  
0,9 x 4 mm



**A**  
45350-70  
0,9 x 7 mm



**A**  
45352-40  
0,9 x 4 mm



**C**  
45353-60  
0,9 x 6 mm



**B**  
45355-60  
0,9 x 6 mm



**D**  
45357-40  
0,9 x 4 mm



**E**  
45359-40  
0,9 x 4 mm



**A**  
45360-35  
0,6 x 3 mm  
extra zart  
very delicate  
muy fina

**A: gerade / straight / recta**

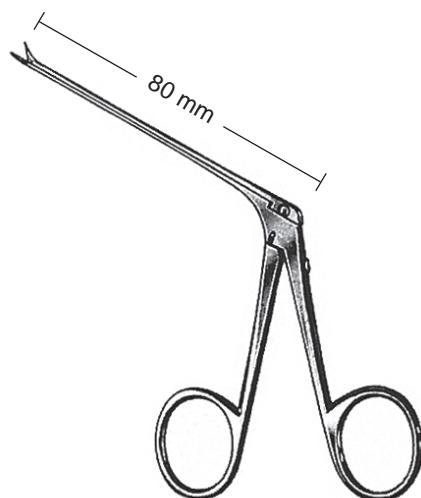
**B: rechts / right / derecha**

**C: links / left / izquierda**

**D: aufgebogen / curved up / curva hacia arriba**

**E: nach unten gebogen / curved down / curva hacia abajo**

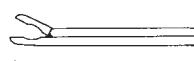
Mikro Ohrzängchen  
Micro Ear Forceps  
Micro pinzas auriculares



**A**  
45361-01  
0,6 x 4,5 mm



**C**  
45361-02  
0,6 x 4,5 mm



**B**  
45361-03  
0,6 x 4,5 mm



**D**  
45361-04  
0,6 x 5,0 mm



**E**  
45361-05  
0,6 x 5,0 mm

45367-50  
0,9 x 5,0 mm

45369-50  
0,9 x 5,0 mm

**A:** gerade / straight / recta

**B:** rechts / right / derecha

**C:** links / left / izquierda

**D:** aufgebogen / curved up / curva hacia arriba

**E:** nach unten gebogen / curved down / curva hacia abajo

Mikro Ohrzängchen  
Micro Ear Forceps  
Micro pinzas auriculares



**A**  
45390-35  
0,8 x 3,5 mm



**A**  
45390-50  
1 x 5 mm



**F**  
45391-35  
0,8 x 3,5 mm



**E**  
45392-35  
0,8 x 3,5 mm



**C**  
45393-50  
1 x 5 mm



**B**  
45394-50  
1 x 5 mm

**A: gerade / straight / recta**

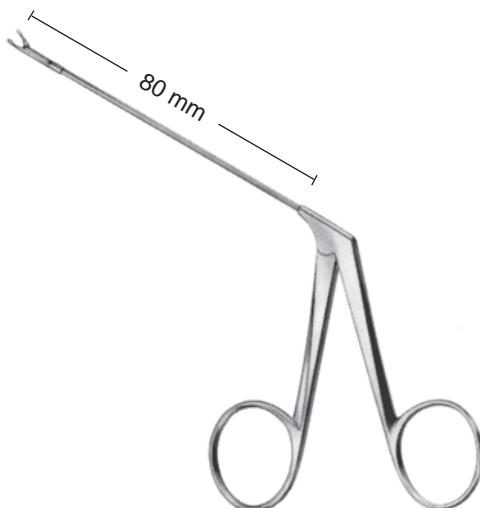
**B: rechts / right / derecha**

**C: links / left / izquierda**

**E: nach unten gebogen / curved down / curva hacia abajo**

**F: nach oben gebogen / curved upwards / curva hacia arriba**

Mikro Ohrzängchen  
Micro Ear Forceps  
Micro pinzas auriculares



WULLSTEIN



**A**  
45400-01  
0,9 x 1 mm



**A**  
45400-02  
0,8 x 1,3 mm



**A**  
45400-03  
1 mm



**A**  
45401-25  
1,7 x 2,5 mm



**D**  
45402-10  
0,9 x 1 mm



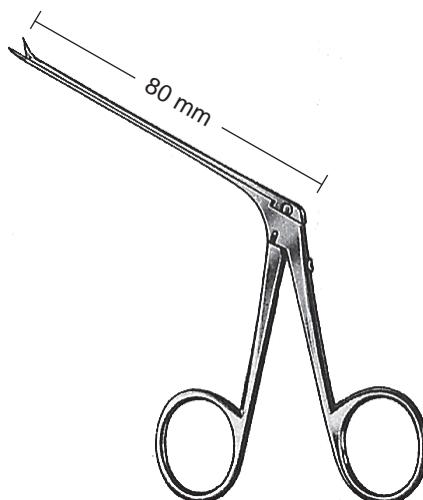
**C**  
45403-13  
0,8 x 1,3 mm



**B**  
45404-13  
0,8 x 1,3 mm

**A:** gerade / straight / recta  
**B:** rechts / right / derecha  
**C:** links / left / izquierda  
**D:** aufgebogen / curved up / curva hacia arriba

Mikro Ohrscheren  
Micro Ear Scissors  
Micro tijeras auriculares



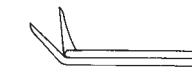
**A**  
BELLUCCI  
45300-30  
3 mm  
extra zart  
very delicate  
muy fina



**A**  
BELLUCCI  
45310-40  
micro mini  
4 mm



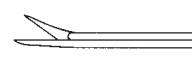
**A**  
BELLUCCI  
45312-55  
micro standard  
5,5 mm



**D**  
BELLUCCI  
45313-55  
micro standard  
5,5 mm



**B**  
BELLUCCI  
45315-55  
micro standard  
5,5 mm



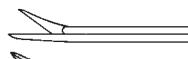
**C**  
BELLUCCI  
45317-55  
micro standard  
5,5 mm



**A**  
SHEA  
45320-70  
7,0 mm



**C**  
SHEA  
45321-70  
7,0 mm



**B**  
SHEA  
45322-70  
7,0 mm

**A:** gerade / straight / recta

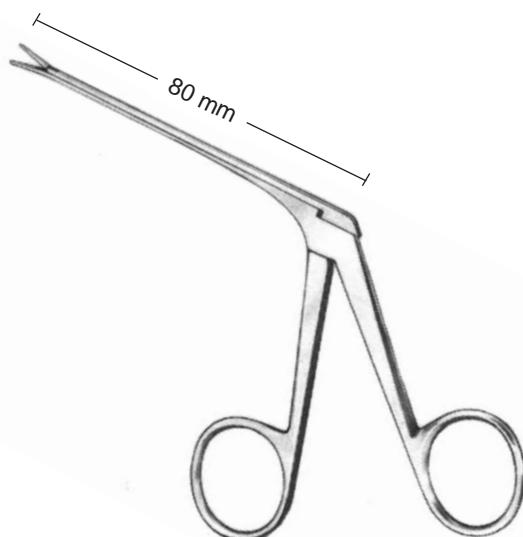
**B:** rechts / right / derecha

**C:** links / left / izquierda

**D:** aufgebogen / curved up / curva hacia arriba

**E:** nach unten gebogen / curved down / curva hacia abajo

Drahtbiegezängchen, Faßzängchen  
Wire Bending Forceps, Grasping Forceps  
Pinzas plegadoreas del alambre, Pinza prensora



McGEE  
45371-40  
0,8 x 4,0 mm



GREVEN  
45370-50  
0,8 x 5,0 mm



SCHUKNECHT  
45372-60  
0,8 x 6,0 mm

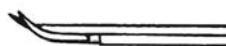
Mikro Ohrscheren  
Micro Ear Scissors  
Micro tijeras auriculares



FISCH



**B**  
FISCH  
45324-03  
3,0 mm



**C**  
FISCH  
45325-03  
3,0 mm

**B:** rechts / right / derecha  
**C:** links / left / izquierda

Mikro Ohrscheren  
Micro Ear Scissors  
Micro tijeras auriculares



WULLSTEIN



**A**  
45410-01



**F**  
45411-01



**C**  
45412-01



**B**  
45413-01



**G**  
45414-01

**A: gerade / straight / recta**

**B: rechts / right / derecha**

**C: links / left / izquierda**

**F: nach oben gebogen / curved upwards / curva hacia arriba**

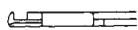
**G: horizontal schneidend / horizontal cutting / corte horizontal**

Hammerkopfstanze  
Malleus Punch  
Pinza para cabeza del martillo



DIETER

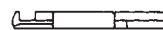
micro  $\varnothing$  1,3 mm



45385-01

aufwärts  
upward  
arriba

mini  $\varnothing$  1,8 mm



45387-01



45385-02

abwärts  
downward  
abajo



45387-02

Biegegerät, Quetschzange  
Bending Device, Pressure Forceps  
Dispositivo para modelar, Pinza para aplastar



SCHUKNECHT  
45430-00

16 x 12 mm

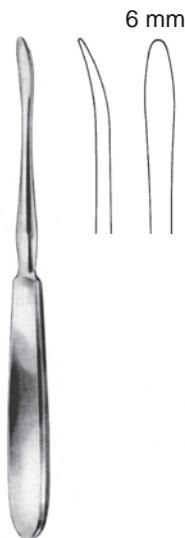


HOUSE-GELFOAM  
45440-19  
19 cm, 7 1/2"

Elevatoren, Raspatorien  
Elevators, Raspatories  
Elevadores, Periostótomas



SEBILLEAU  
33707-17  
17,5 cm, 7"



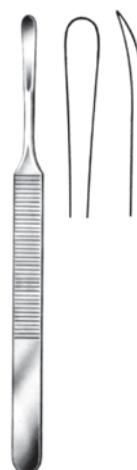
QUERVAIN  
33708-19  
19,5 cm, 7 ¾"

16 mm



LANGENBECK  
33710-19  
19 cm, 7 ½"

5 mm



KÖNIG  
33714-15  
15,5 cm, 6"

Raspatorien  
Raspatories  
Periostótomas

4 mm



6,5 mm



WILLIGER  
33711-16  
16 cm, 6  $\frac{1}{4}$ "

WILLIGER  
33712-16  
16 cm, 6  $\frac{1}{4}$ "

5 mm



WILLIGER  
33713-16  
16 cm, 6  $\frac{1}{4}$ "

5,5 mm



WILLIGER  
33713-17  
17 cm, 6  $\frac{3}{4}$ "

Raspatorien, Elevatoren  
Raspatories, Elevators  
Periostótomas, Elevadores

4 mm



JOSEPH  
33718-16  
16 cm, 6  $\frac{1}{4}$ "

45802-16  
2 mm

45803-16  
2 mm

45805-16  
3 mm

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

3 mm

LEMPERT  
45806-16  
16 cm, 6  $\frac{1}{4}$ "

Raspatorien  
Raspatories  
Periostótomas

6 mm



3 mm



mit Ferrozellgriff  
with Ferrozell-Handle  
con mango de Ferrozell

33740-19  
19 cm, 7 1/2"

33741-18  
18,5 cm, 7 1/4"

6 mm



33742-18  
18,5 cm, 7 1/4"

6 mm



33743-18  
18,5 cm, 7 1/4"

Raspatorien  
Raspatories  
Periostótomas



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



FARABEUF  
33702-15  
15 cm, 5.9"



FARABEUF  
33703-15  
15 cm, 5.9"

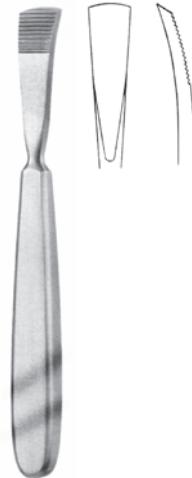
Raspatorien, Elevatoren  
Raspatories, Elevators  
Periostótomas, Elevadores

6 mm



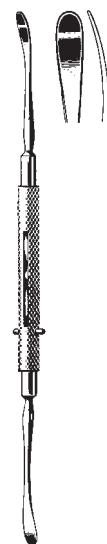
LEMPERT  
45807-20  
20,5 cm, 8"

15 mm



JANSEN  
33701-16  
16,5 cm, 6 1/2"

4,5 mm



FREER  
47415-18  
18 cm, 7"

Elevatoren, Raspatorien  
Elevators, Raspatories  
Elevadores, Periostótomas



47410-04  
4 mm



47410-05  
5 mm

McKENTY  
15 cm, 6"



MOLT  
33716-18  
18 cm, 7"

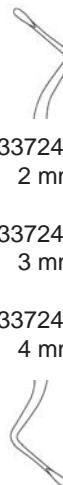


33724-02  
2 mm

33724-03  
3 mm

33724-04  
4 mm

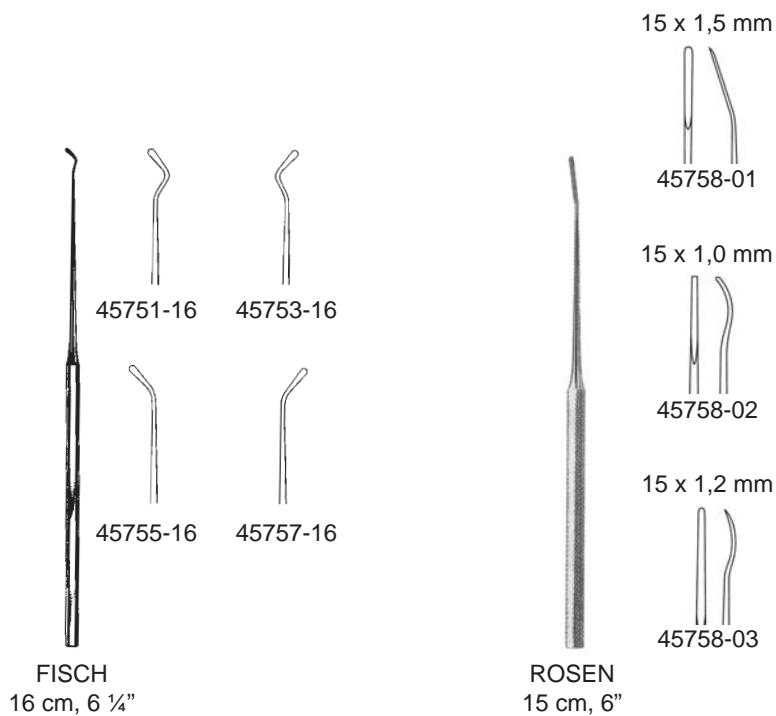
MILLER  
17 cm, 6 ¾"



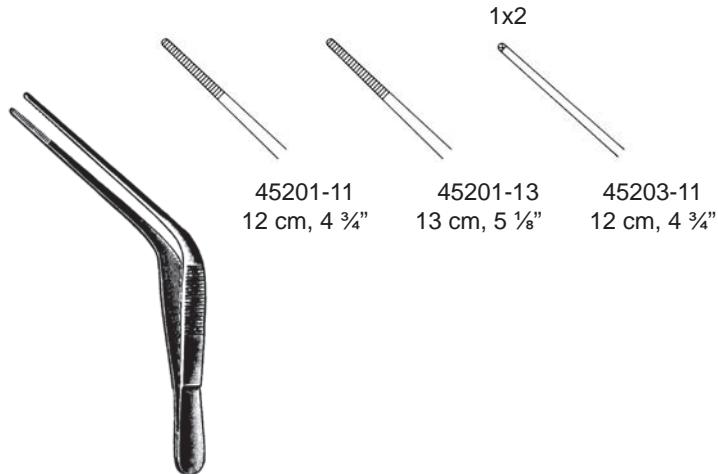
2,2 mm

WULLSTEIN  
45806-17  
17 cm, 6 ¾"

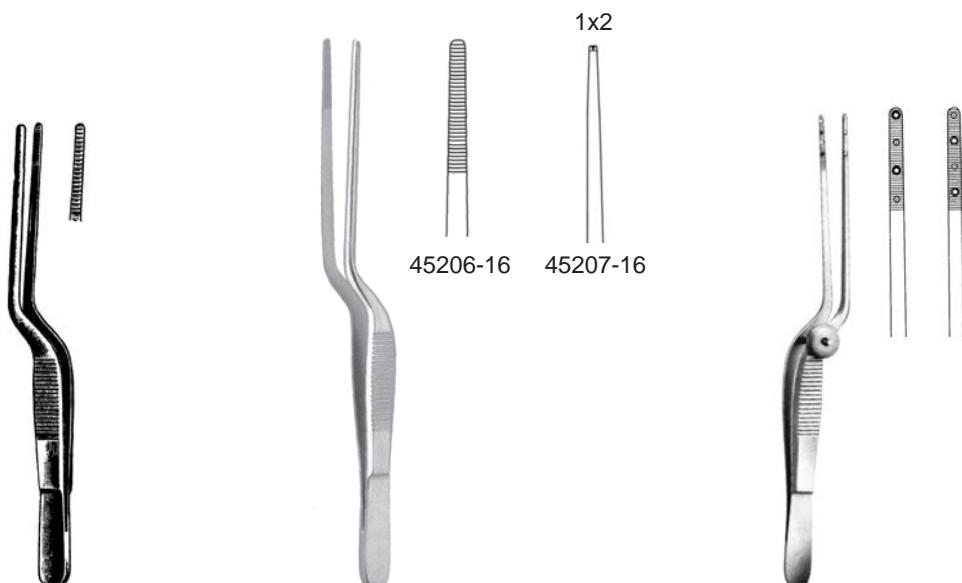
Dissektor, Raspatorien  
Excavator, Raspatories  
Dissector, Periostótomas



Ohrpinzetten  
Ear Forceps  
Pinzas auriculares



WILDE (TROELTSCH)



LUCAE  
45206-14  
14 cm, 5 ½"

LUCAE  
16 cm, 6 ¼"

COTTLE  
45208-14  
14 cm, 5 ½"

Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes



STANDARD  
11120-11  
11,5 cm 4 1/2"



GRAEFE  
11190-10  
10,5 cm, 4.1"



SEMKEN  
11260-12 12,5 cm, 5"  
11260-15 15,5 cm, 6"



SEMKEN  
11270-12 12,5 cm, 5"  
11270-15 15,5 cm, 6"

Uhrmacherpinzetten  
Jeweler Type Forceps  
Pinzas de relojero

Fig. 1



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

Fig. 3



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

Fig. 3c



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

Fig. 4



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

Fig. 5



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

Fig. 7



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

Ohrpinzetten  
Ear Forceps  
Pinzas auriculares



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



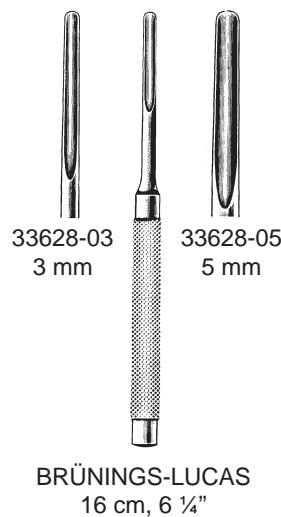
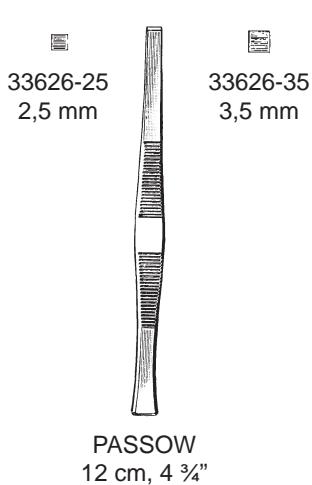
ADSON  
11180-12 12,0 cm, 4  $\frac{3}{4}$ "  
11180-15 15,0 cm, 6"



DERLACKI  
45209-12  
12 cm, 4  $\frac{3}{4}$ "

Flachmeißel, Hohlmeißel, Stössel  
 Chisels, Gouges, Tampons  
 Cinceles, Gubias, Hemostático

	33600-02 2 mm		13,5 cm, 5 1/4"		13,5 cm, 5 1/4"		13,5 cm, 5 1/4"
	33600-03 3 mm			4 mm	33602-04	33604-04	33605-04
	33600-04 4 mm			6 mm	33602-06	33604-06	33605-06
	33600-05 5 mm			8 mm	33602-08	33604-08	33605-08
16 cm, 6 1/4"				10 mm	33602-10	33604-10	33605-10
				12 mm	33602-12	33604-12	33605-12
				14 mm	33602-14	33604-14	33605-14
				16 mm	33602-16	33604-16	33605-16



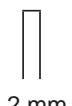
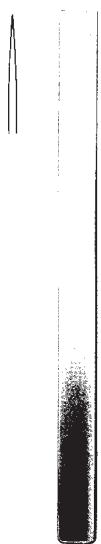
Flachmeißel, Hohlmeißel, Osteotome  
 Chisels, Gouges, Osteotome  
 Cinceles, Gubias, Osteótomo



PARTSCH  
 13,5 cm, 5 1/4"  
 33620-02 2 mm  
 33620-03 3 mm  
 33620-04 4 mm  
 33620-05 5 mm  
 33620-06 6 mm



PARTSCH  
 13,5 cm, 5 1/4"  
 33623-02 2 mm  
 33623-03 3 mm  
 33623-04 4 mm  
 33623-05 5 mm  
 33623-06 6 mm



2 mm



3 mm



4 mm



6 mm



8 mm



10 mm

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



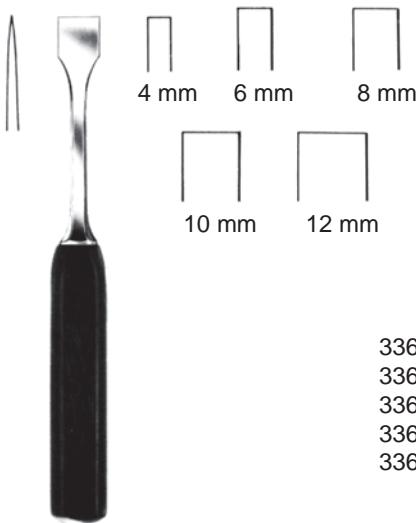
12 mm



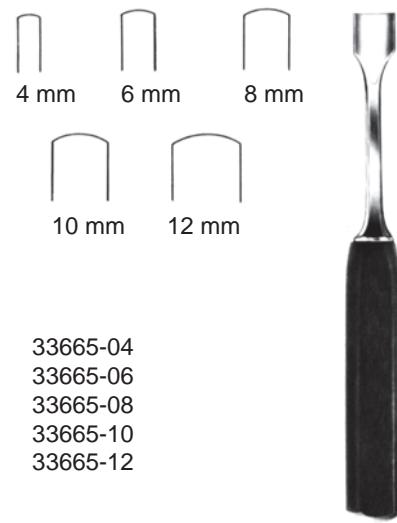
15 mm

MINI-LAMBOTTE

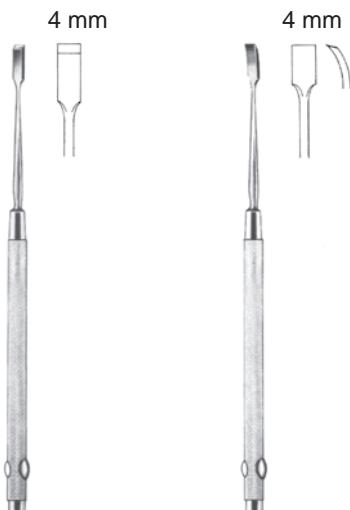
Flachmeißel und Hohlmeißel mit Ferrozellgriff, Osteotome  
 Chisels and Gouges with Ferrozell-Handle, Osteotome  
 Cinceles, Gubias con mango de Ferrozell, Osteótomo



LEXER MINI  
18 cm, 7"



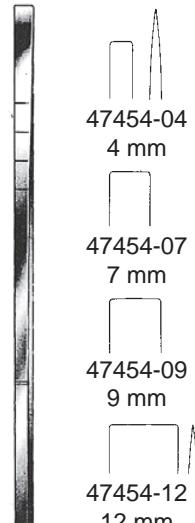
LEXER MINI  
18 cm, 7"



FREEER  
47450-04  
15 cm, 6"

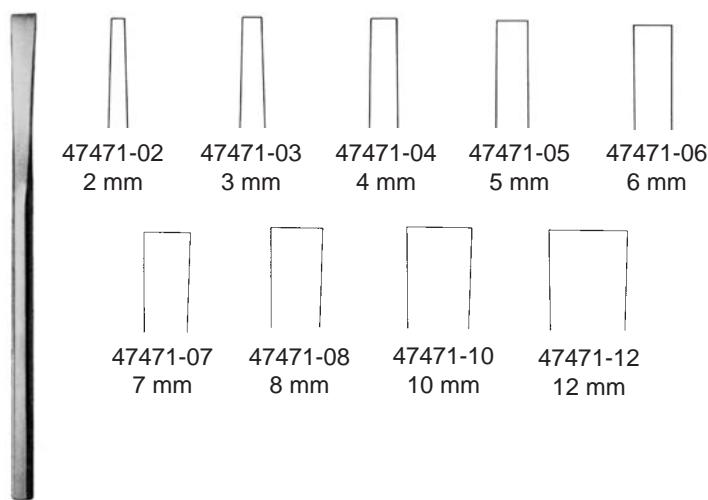


FREEER  
47451-04  
15 cm, 6"



COTTELE  
18 cm, 7"

Septum Osteotom  
Rhinoplastic Osteotome  
Osteotomo para rinoplastia



Hämmer  
Mallets  
Martillos

massiv, mit auswechselbaren Ferrozellbacken  
solid, with interchangeable Ferrozell jaws  
macizo, con tapas intercambiables de Ferrozell

Ø 20 mm



MEAD  
17 cm, 6  $\frac{3}{4}$ "  
33693-32 320 g

Ø 25 mm



135 g

33694-01 18,5 cm, 7  $\frac{1}{4}$ "  
33694-03 Ersatzbacken  
Nylon Caps  
Tapas de repuesto

Ø 27 mm

Ø 22 mm



PARTSCH  
33698-98  
18 cm, 7"  
199 g

Ø 30 mm



COTTE  
18 cm, 7" 240 g  
33700-05



HAJEK  
21 cm, 8  $\frac{1}{4}$ " 140 g  
33700-08

Scharfe Löffel  
Bone Curettes  
Cucharillas cortantes

Fig.	SPRATT
0000	33474-96
000	33474-97
00	33474-98
0	33475-00
1	33475-01
2	33475-02
3	33475-03
4	33475-04
5	33475-05
6	33475-06

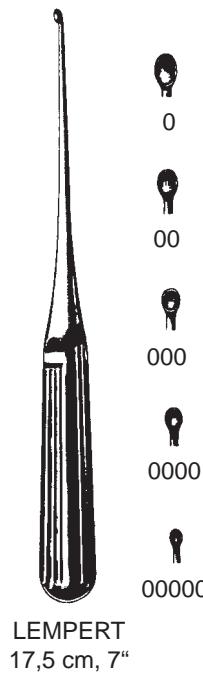
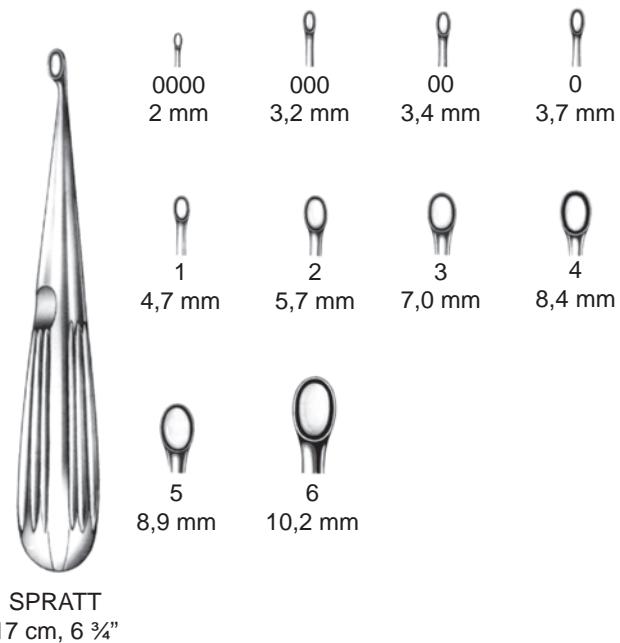


Fig. 0	33490-10	3,3 mm
00	33490-20	3,0 mm
000	33490-30	2,7 mm
0000	33490-40	2,4 mm
00000	33490-50	2,0 mm



Scharfe Löffel  
Bone Curettes  
Cucharillas cortantes

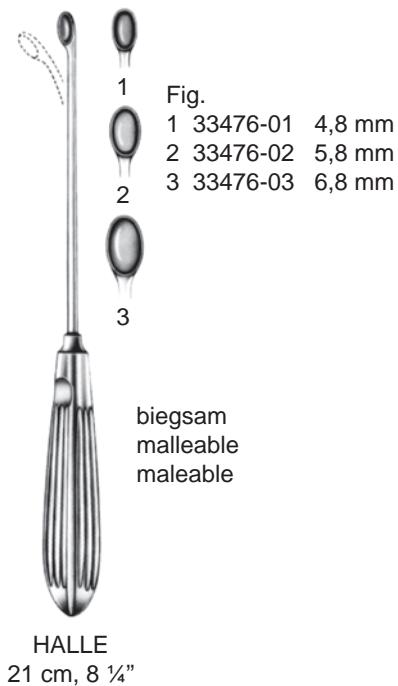
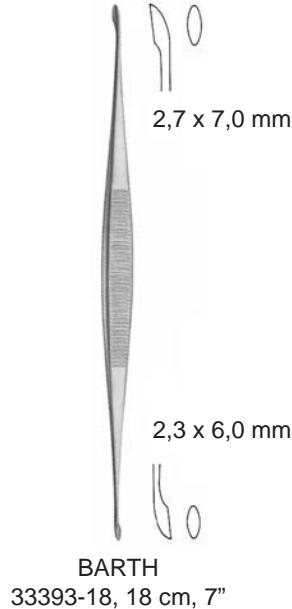
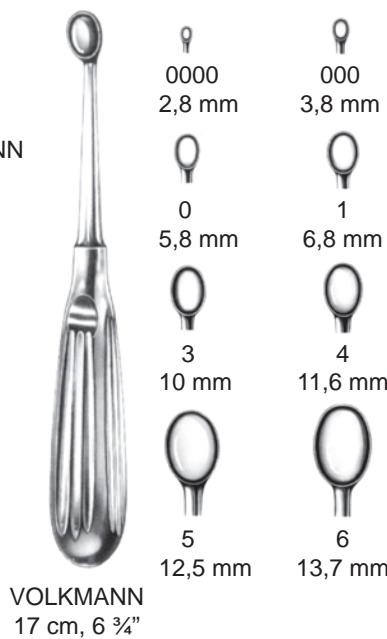
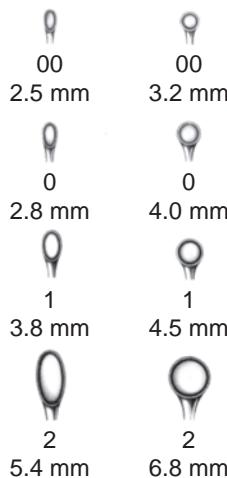


Fig.	VOLKMANN
0000	33469-96
000	33469-97
00	33469-98
0	33470-00
1	33470-01
2	33470-02
3	33470-03
4	33470-04
5	33470-05
6	33470-06

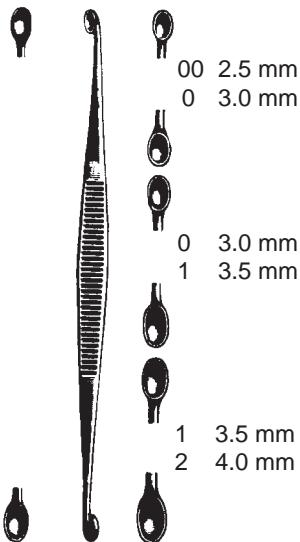


Scharfe Löffel  
Bone Curettes  
Cucharillas cortantes

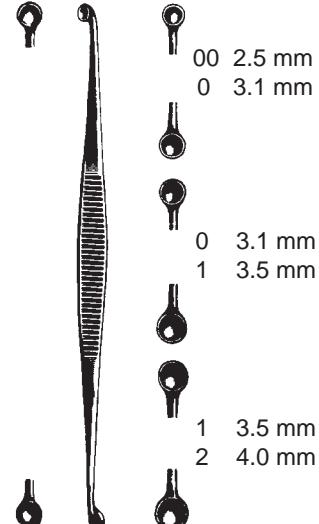


WILLIGER  
17,5 cm, 7"

Fig. 00	33485-99	33486-99
0	33486-00	33487-00
1	33486-01	33487-01
2	33486-02	33487-02

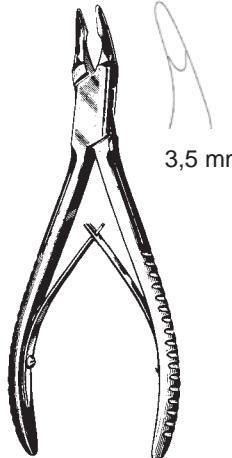


WILLIGER  
13,5 cm, 5 1/4" Fig.  
33496-00 00/0  
33496-01 0/1  
33496-12 1/2

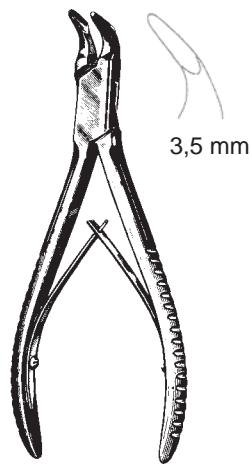


MARTINI  
13,5 cm, 5 1/4" Fig.  
33498-00 00/0  
33498-01 0/1  
33498-12 1/2

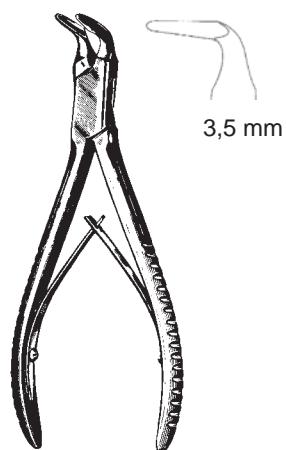
Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias



BLUMENTHAL  
33115-15  
15,5 cm, 6"



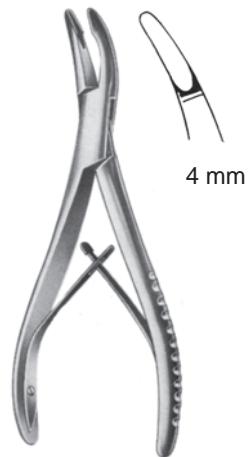
BLUMENTHAL  
33117-15  
15,5 cm, 6"



BLUMENTHAL  
33119-15  
15,5 cm, 6"



LUER  
33131-15  
15 cm, 5.9"

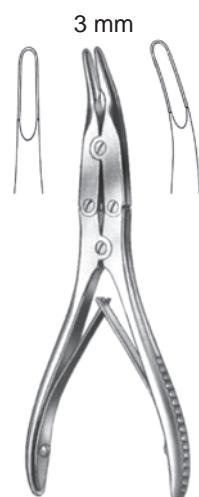
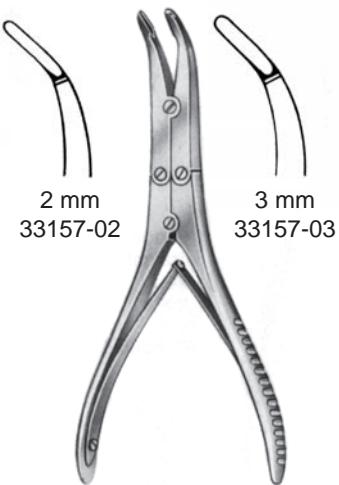
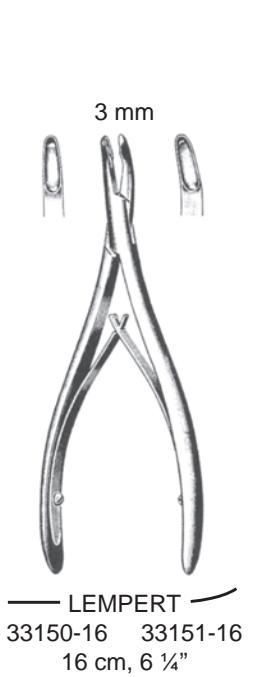


LUER  
33133-15  
15 cm, 5.9"



BANE-HARTMANN  
33148-18  
17,5 cm, 7"

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias



Knochensplitterzangen  
Bone Cutting Forceps  
Pinzas cortantes para huesos



— BÖHLER —  
33280-15      33281-15  
15 cm, 6"



COTTL-E-KAZANJIAN  
33282-19  
19 cm, 7 1/2"



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

Knochenstanzen  
Bone Punches  
Pinzas sacabocado

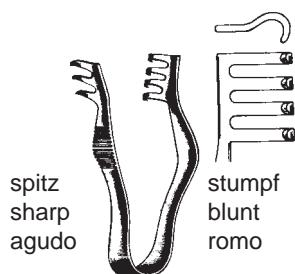


**KERRISON**  
3x3 mm 47303-03  
4x4 mm 47303-04  
5x5 mm 47303-05  
6x6 mm 47303-06  
17 cm, 6  $\frac{3}{4}$ "

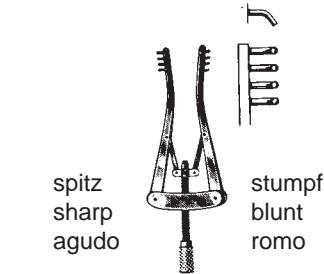


**CITELLI**  
47311-10 1,0 mm  
47311-25 2,5 mm  
47311-30 3,0 mm

Wundsperrer  
Retractors  
Separadores



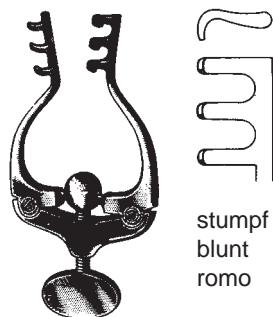
**FINSEN**  
19610-07 7 cm, 2  $\frac{3}{4}$ " 19611-07



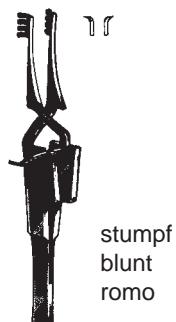
**ALM**  
19620-07 7 cm, 2  $\frac{3}{4}$ " 19621-07  
19620-10 10 cm, 4" 19621-10



**JANSEN**  
19630-10  
10 cm, 4"

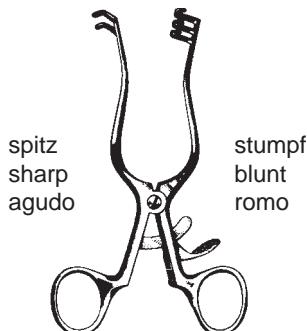


**JANSEN**  
19631-10  
10 cm, 4"



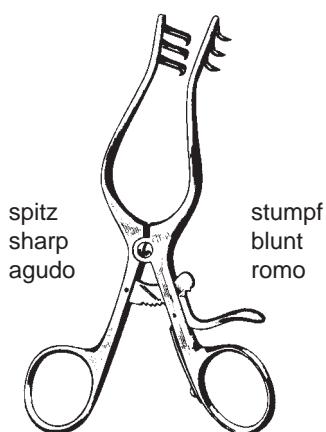
**HOLZHEIMER**  
19634-10 19635-10  
10 cm, 4"

2x3



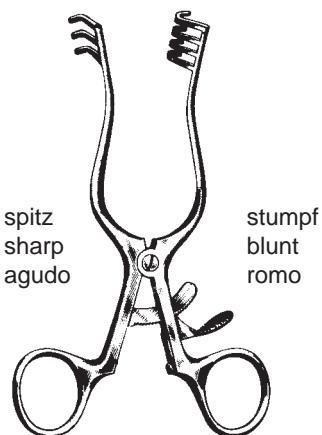
WEITLANER  
19650-10 19651-10  
11,5 cm, 4 ½"

3x3



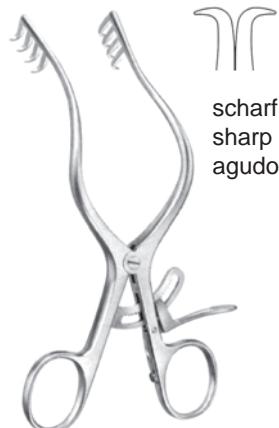
WEITLANER-WULLSTEIN  
19654-13 19655-13  
13 cm, 5 ⅛"

3x4



WEITLANER  
19670-14 14,0 cm, 5 ½" 19671-14  
19670-16 16,5 cm, 6 ½" 19671-16

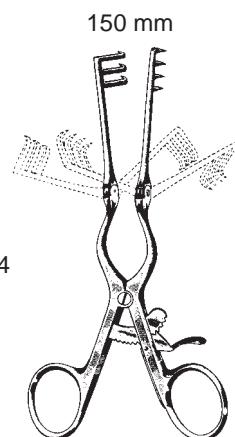
Wundsperrer  
Retractors  
Separadores



MOLLISON  
19674-15  
15 cm, 6"



FISCH  
19683-17  
17 cm, 6 ¾"



ADSON  
14 cm, 5 ½"

19685-14  
spitz  
sharp  
agudo

Wundsperrer  
Retractors  
Separadores



PLESTER  
19672-11  
11 cm, 4  $\frac{3}{8}$ "



stumpf  
blunt  
romo



PLESTER  
19673-11  
11 cm, 4  $\frac{3}{8}$ "



stumpf  
blunt  
romo



WULLSTEIN  
19675-13  
13 cm, 5  $\frac{1}{8}$ "



stumpf  
blunt  
romo



PLESTER  
19677-10 10 cm, 4"  
19677-13 13 cm, 5  $\frac{1}{8}$ "



scharf  
sharp  
agudo

Wundhaken  
Retractors  
Separadores



19283-01

gerade  
straight  
recto



19283-02

links gebogen  
left curved  
curvado hacia la izquierda



19283-03

rechts gebogen  
right curved  
curvado hacia la derecha

WILLIGER  
12 cm, 4 ¾"

Präparierscheren  
Dissecting Scissors  
Tijeras de disección



METZENBAUM  
09280-15 09284-15 TC  
15 cm 6"



METZENBAUM  
09281-15 09285-15 TC  
15 cm 6"



METZENBAUM FINO  
09282-15 09286-15 TC  
15 cm 6"



METZENBAUM FINO  
09283-15 09287-15 TC  
15 cm 6"

Präparierscheren  
Dissecting Scissors  
Tijeras de disección



— JOSEPH —  
09304-14 14 cm 09305-14  
5 ½"



— STRABISMUS —  
09370-11 09371-11  
09374-11 TC 09375-11 TC  
11 cm, 4 ¾"



GORNEY  
10050-12  
12,5 cm, 5"

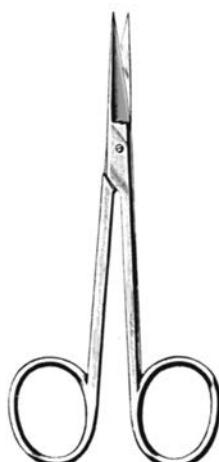
Chirurgische Scheren  
Operating Scissors  
Tijeras para cirugía



STANDARD  
09110-11 11,5 cm, 4 ½“  
09110-13 13,0 cm, 5“  
09110-14 14,5 cm, 5 ¾“



STANDARD  
09111-11 11,5 cm, 4 ½“  
09111-13 13,0 cm, 5“  
09111-14 14,5 cm, 5 ¾“



IRIS  
11 cm, 4 ¾“



09340-11 09341-11  
09344-11 TC 09345-11 TC  
gerade gebogen  
straight curved  
rectas curvas

Draht-, Blechscheren  
Wire and Plate Scissors  
Tijeras para alambre y láminas



UNIVERSAL

09831-12      12 cm, 4  $\frac{3}{4}$ "  
**09835-12 TC**      12 cm, 4  $\frac{3}{4}$ "

Mikro Scheren  
Micro Scissors  
Micro-Tijeras

10 mm

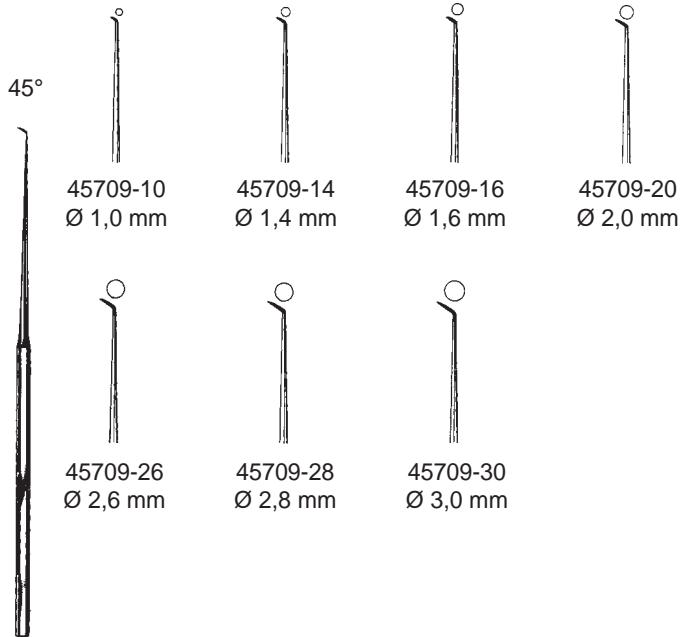


10202-14

14,5 cm, 5 ¾"

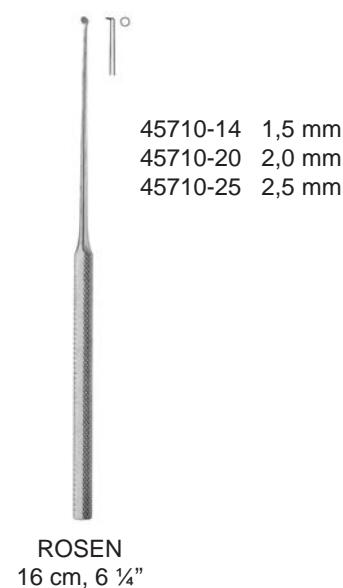
10203-14

Messer  
Knives  
Cuchillos



ROSEN  
16 cm, 6 1/4"

90°



ROSEN  
16 cm, 6 1/4"

45°



45702-01

gerade  
straight  
recto



45702-02

gebogen  
curved  
curvo



ROSEN  
45708-16

Lanzettmesser  
Lancet knife  
forma de lanza

16 cm, 6 1/4"

Messer  
Knives  
Cuchillos



SCHUKNECHT  
45701-01  
16 cm, 6 1/4"



SCHUKNECHT  
45701-02  
16 cm, 6 1/4"



SCHUKNECHT  
45703-15  
15,5 cm, 6"



WULLSTEIN  
45704-15  
15,5 cm, 6"



TABB  
45705-15  
15,5 cm, 6"



PLESTER  
45706-35  
15,5 cm, 6"

Mikro Nadelhalter  
Micro Needle Holders  
Micro-porta-agujas



ohne Sperre  
without lock  
sin cremallera



11,5 cm, 4 ½“  
13,0 cm, 5 ¼“  
14,0 cm, 5 ½“  
18,0 cm, 7“

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



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

mit Sperre  
with lock  
con cremallera



25720-12  
25720-13  
25720-14  
25730-18



25731-12  
25731-13  
25731-14  
25731-18

mit diamantiertem Maul  
with diamond jaw  
con boca de diamante

11,5 cm, 4 ½“  
13,0 cm, 5 ¼“  
14,0 cm, 5 ½“  
18,0 cm, 7“

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

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

T= Titan, titanium, titanio



15,0 cm, 6“  
18,0 cm, 7“

93250-15T  
93250-18T



93251-15T  
93251-18T



93260-15T  
93260-18T



93261-15T  
93261-18T

BARRAQUER

Mikro Nadelhalter mit Sperre  
 Micro Needle Holders, with Lock  
 Micro-porta-agujas con cremallera



14,0 cm, 5 ½"  
 18,0 cm, 7"



25670-14  
 25670-18



25671-14  
 25671-18



25672-14  
 25672-18



25673-14  
 25673-18

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

14,0 cm, 5 ½"  
 18,0 cm, 7"

25674-14  
 25674-18

25675-14  
 25675-18

25676-14  
 25668-18

25677-14  
 25691-18

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

14,0 cm, 5 ½"  
 18,0 cm, 7"

25672-14D  
 25672-18D

25673-14D  
 25673-18D

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

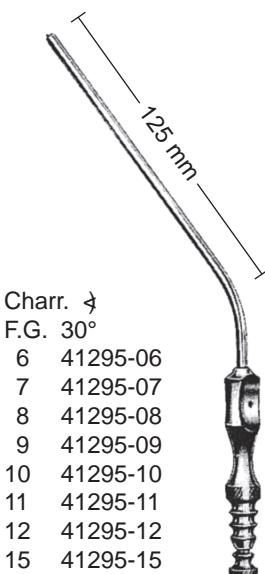
14,0 cm, 5 ½"  
 18,0 cm, 7"

25672-14T  
 25672-18T

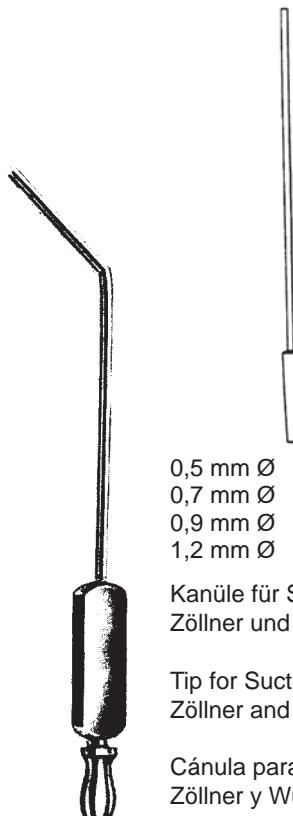
25673-14T  
 25673-18T

CASTROVIEJO

Saugrohre  
Suction Tubes  
Tubos de aspiración



FRAZIER/FERGUSSON  
19 cm, 7 ½"



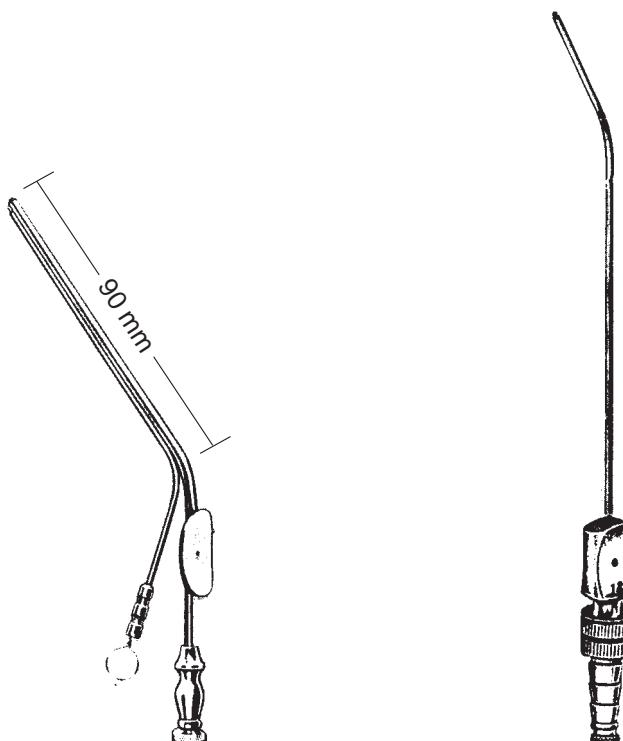
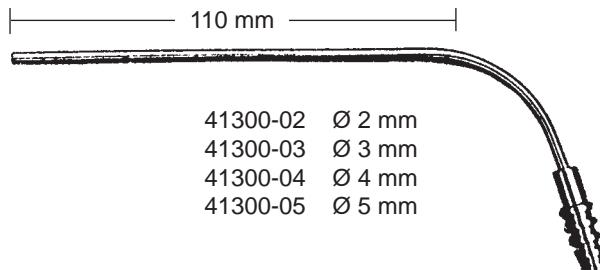
Kanüle für Sauggriff  
Zöllner und Wullstein

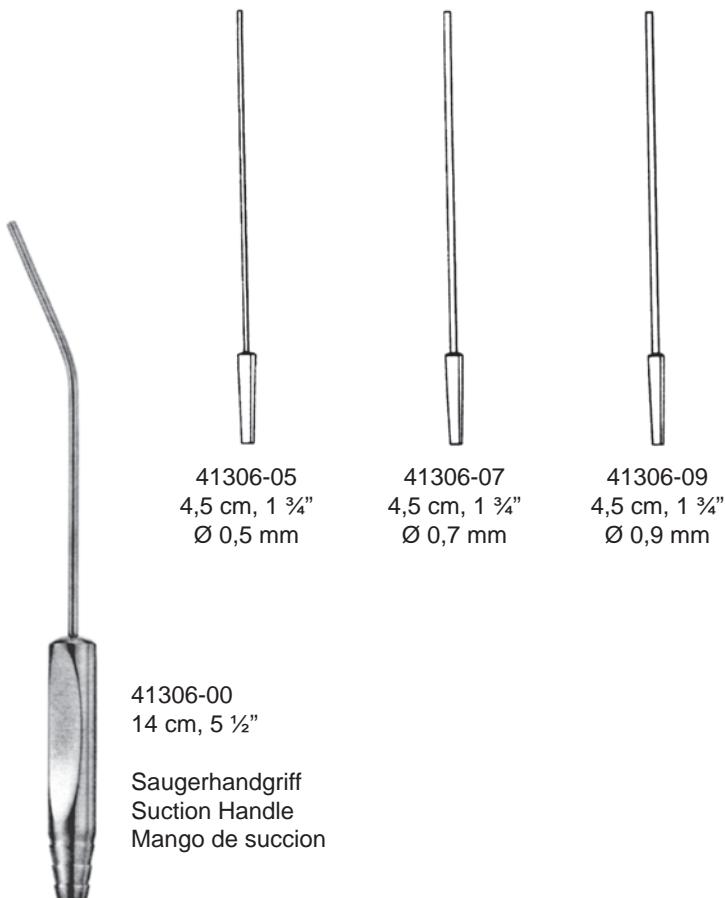
Tip for Suction Handle  
Zöllner and Wullstein

Cánula para mango  
Zöllner y Wullstein

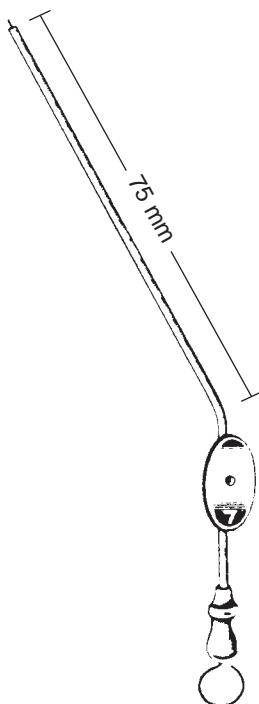
ZÖLLNER  
41302-02

Saugrohre  
Suction Tubes  
Tubos de aspiración



Mikro-Saugkanüle  
Micro suction cannula  
Micro tubo de aspiraciónWULLSTEIN  
41308-00komplett, mit Griff und drei Aufsätzen  
complete, with handle and 3 tips  
completo, con mango y 3 puntas

Saugrohre  
Suction Tubes  
Tubos de aspiración



**BARON**  
16 cm, 6  $\frac{1}{4}$ "  
41299-03 3FR 1,0 mm  
41299-05 5FR 1,6 mm  
41299-07 7FR 2,3 mm

Saug- und Spülinstrumente  
Aspirating and Irrigation Instruments  
Instrumentos de aspiracion y irrigacion

LUER



WULLSTEIN  
41307-00

Saugadapter  
mit Saugunterbrecher

Suction adapter  
with finger cut-off

Adaptador para  
aspiración con interrupto

LUER



HOUSE  
41300-00  
5,5 cm, 2 1/4"

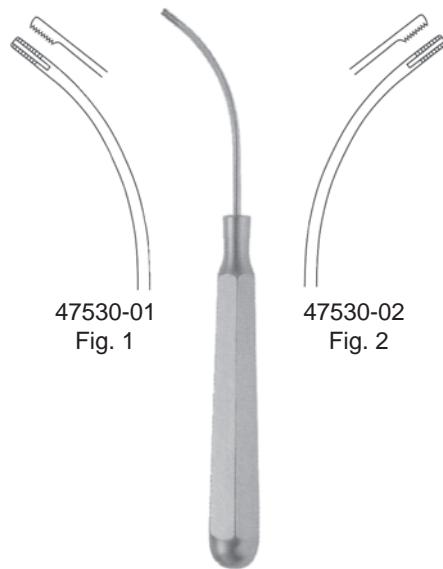


Kanüle für Sauggriff  
Tip for Suction Handle  
Cánula para mango de succion

ROSEN  
10 cm, 4"

0,5 mm Ø 41305-05	1,2 mm Ø 41305-12
0,6 mm Ø 41305-06	1,5 mm Ø 41305-15
0,7 mm Ø 41305-07	1,8 mm Ø 41305-18
0,8 mm Ø 41305-08	2,0 mm Ø 41305-20
0,9 mm Ø 41305-09	2,5 mm Ø 41305-25
1,0 mm Ø 41305-10	3,0 mm Ø 41305-30

Knorpelfeile  
Cartilage Files  
Limas para el cartílago

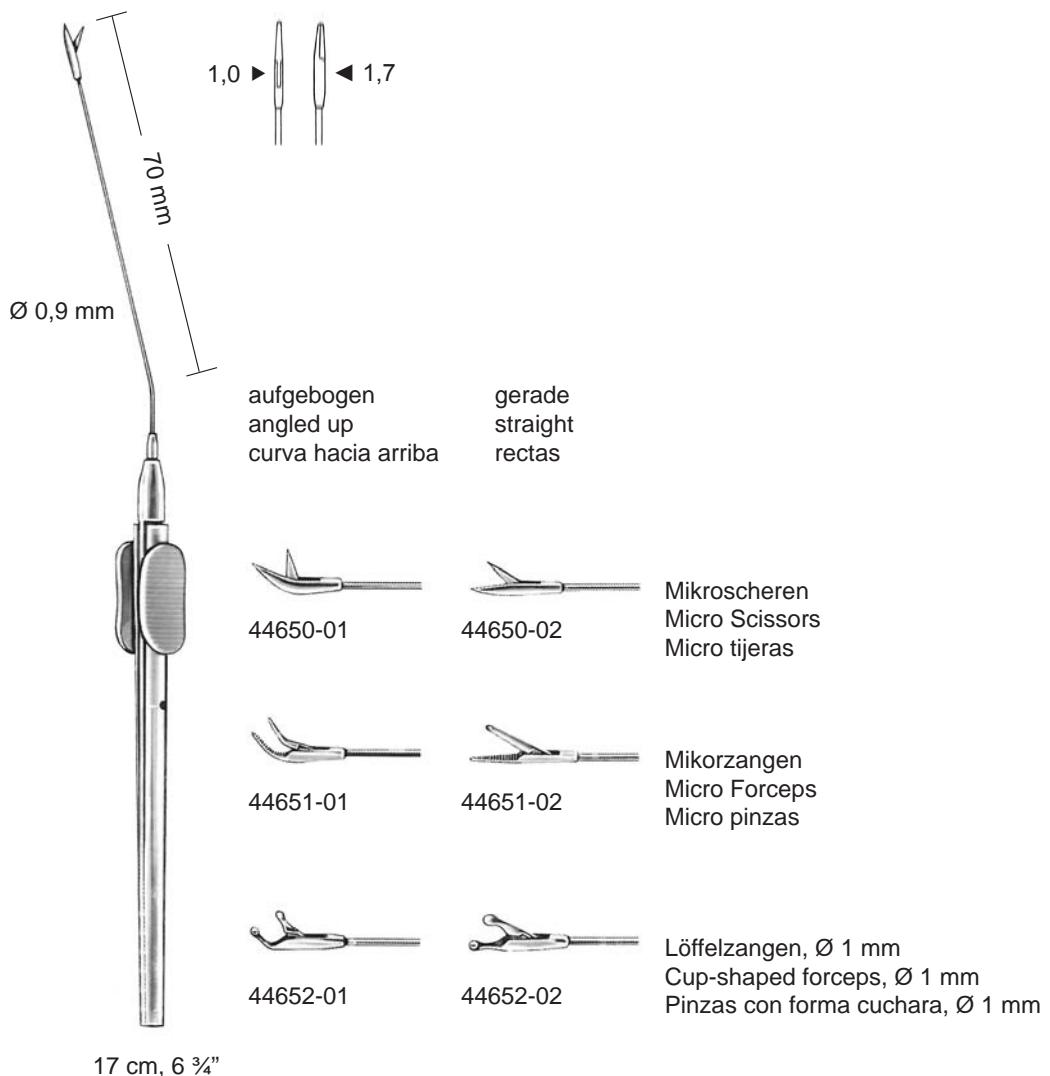


47530-01  
Fig. 1

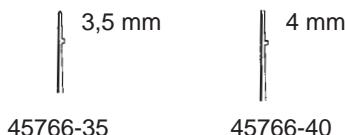
47530-02  
Fig. 2

DINGMAN Set  
47530-00 15 cm, 6"

Mikro Scheren und Mikro Zangen  
 Micro Scissors and Forceps  
 Micro tijeras y pinzas



Mikro Meßsonde  
Micro Measuring Rod  
Sonda para mesurar



HOUSE  
16 cm, 6 1/4"

Mikro Küretten  
Micro Curettes  
Micro curetas



mm         
1,0/1,2    45760-01  
1,5/1,8    45760-02

mm         
1,0/1,2    45762-01  
1,5/1,8    45762-02

HOUSE  
15 cm, 6"

Scharfer Löffel  
Sharp Spoon  
Cucharilla cortante

1,5 x 2,5 mm



SHEA  
45770-01  
16 cm, 6 1/4"



BARBARA /  
ROSEN  
45710-15



BARBARA /  
ROSEN  
45711-15



BARBARA /  
ROSEN  
45713-15



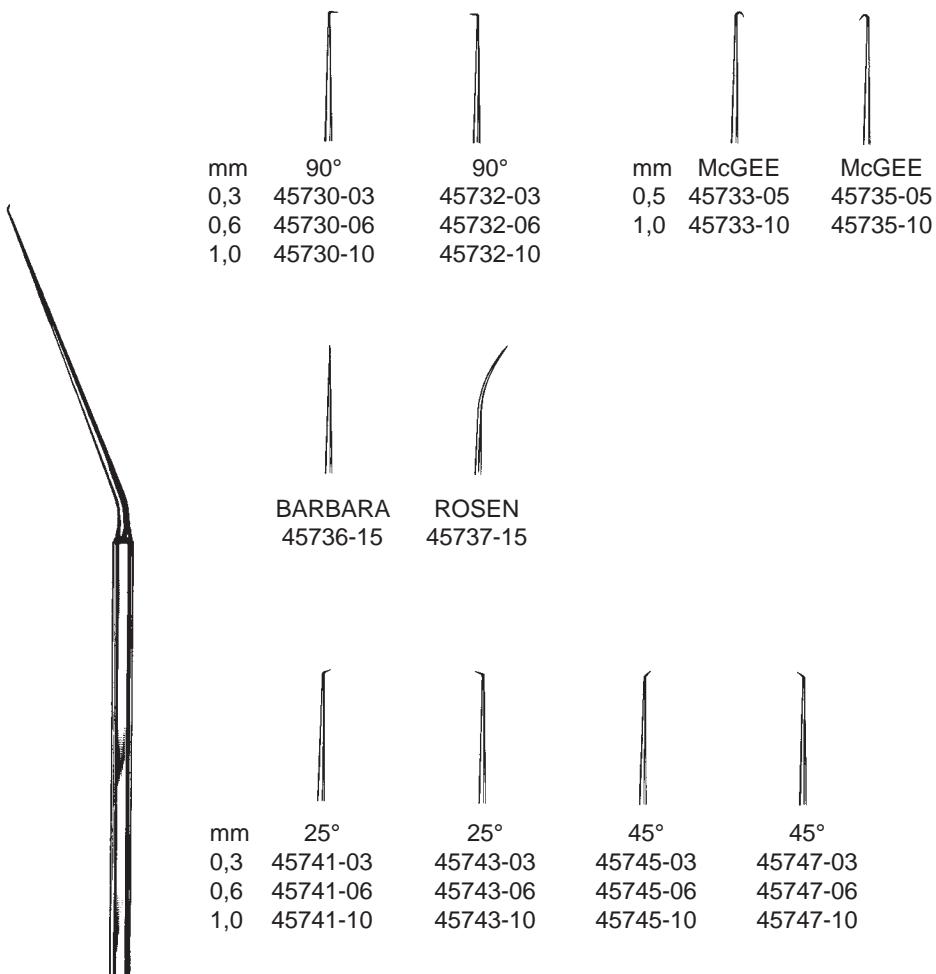
BARBARA /  
ROSEN  
45715-17



	25°	45°	90°	BARBARA
mm	SHAMBAUGH	SHAMBAUGH	SHAMBAUGH	45725-05 0,5 mm
0,3	45720-03	45722-03	45724-03	45725-10 1,0 mm
0,6	45720-06	45722-04	45724-04	
1,0	45720-10	45722-06	45724-06	
1,2		45722-08	45724-08	
1,5		45722-10	45724-10	
2,0		45722-12	45724-12	
2,5		45722-15	45724-15	
		45722-20	45724-20	
		45722-25	45724-25	

16 cm, 6 1/4"

Nadeln und Häkchen  
Needles and Hooks  
Agujas y Ganchos



15,5 cm, 6"



45746-20  
abgewinkelt  
angled  
angulado



45748-16  
retrograd schneidend  
reverse cutting  
ganchito, corte retrogrado



45749-16  
abgewinkelt, oval  
angled, oval-blunt  
angulado, ovalado



45750-16  
abgewinkelt, zylindrisch  
angled, cylindric  
angulado, cilíndrico



45770-16  
abgewinkelt, zylindrisch  
angled, cylindric  
angulado, cilíndrico



45771-16  
Führungsgabel  
Guide fork  
Horquilla de guia

16 cm, 6 1/4"

Elevatorium, Raspatorium, Löffel  
Elevators, Raspatories, Spoon  
Elevadores, Periostótomas, Cucharilla

1,0 mm



45756-10  
Elevatorium  
Elevators  
Elevador



45756-20  
1,0 mm  
45756-30  
1,2 mm

Raspatoriens  
Raspatories  
Periostótomo

1,8 mm



45756-50  
Raspatorium stark gebogen  
Raspatories strongly curved  
Periostótomo fuertemente curvado



45756-40  
Löffel leicht gebogen  
Spoon slightly bent  
Cucharilla ligeramente curvada

16,5 cm, 6 ½"

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



**RHINOLOGIE  
SINUSKOPIE**

**RHINOLOGY  
SINUSCOPY**

**RINOLOGÍA  
SINUSCOPIA**

**REDA**

[www.Redainstrumente.de](http://www.Redainstrumente.de)

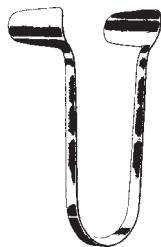
Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!

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

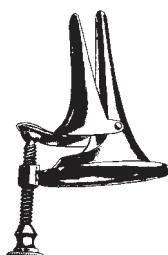
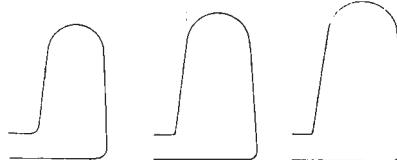
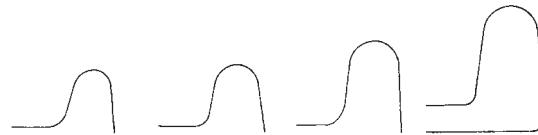
Indicaciones y Contraindicaciones se encuentran en la instrucciones de uso correspondientes!

Nasenspekula  
Nasal Specula  
Espéculos nasales

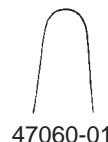
selbsthaltend  
self-retaining  
autoestático



THUDICHUM  
6,5 cm, 2 ½"



VOLTOLINI



47060-01



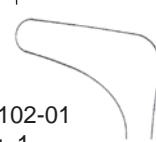
47060-02



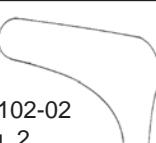
47060-03

Nasenspekula  
Nasal Specula  
Espéculos nasales

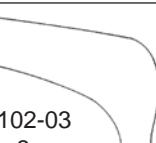


28 mm  
  
47102-01  
Fig. 1



30 mm  
  
47102-02  
Fig. 2



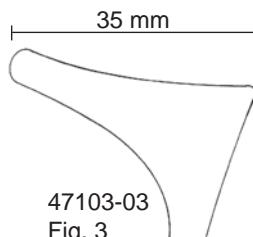
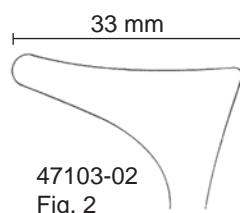
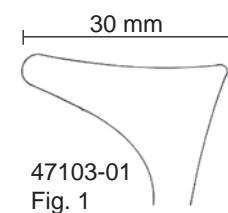
32 mm  
  
47102-03  
Fig. 3

HARTMANN-HALLE  
15 cm, 6"

Nasenspekula  
Nasal Specula  
Espéculos nasales



HARTMANN  
16 cm, 6 1/4"



## Nasenspekula Nasal Specula Espéculos nasales

leichtes Modell  
lightweight  
modelo ligero

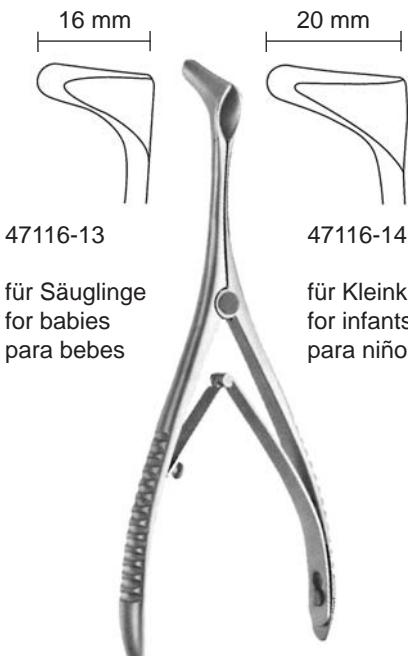


Mod. WIEN  
14 cm. 5 ½"

- |                         |          |       |
|-------------------------|----------|-------|
| Baby, bebé              | 47112-01 | 25 mm |
| Kind, child, niño       | 47112-02 | 30 mm |
| Erwachs., adult, adulto | 47112-03 | 35 mm |

Mod. WIEN  
14 cm, 5 ½“  
47113-03

Nasenspekula  
Nasal Specula  
Espátulas nasales



47116-13

für Säuglinge  
for babies  
para bebés

47116-14

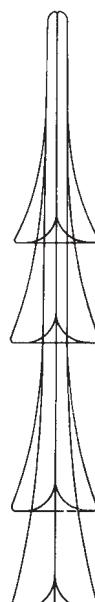
für Kleinkinder  
for infants  
para niños



REDA  
47118-13  
12,5 cm, 5"



KILLIAN  
13 cm, 5 1/8"



47120-35  
35 mm

47120-50  
50 mm

47120-75  
75 mm

47120-90  
90 mm

Nasenspekula  
Nasal Specula  
Espéculos nasales



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

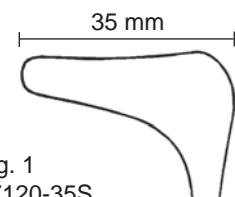


Fig. 1  
47120-35S

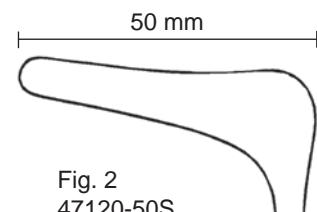


Fig. 2  
47120-50S

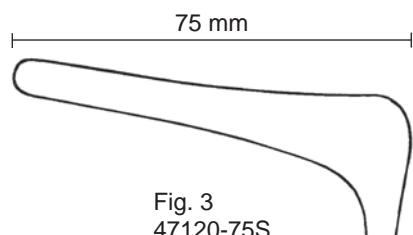


Fig. 3  
47120-75S

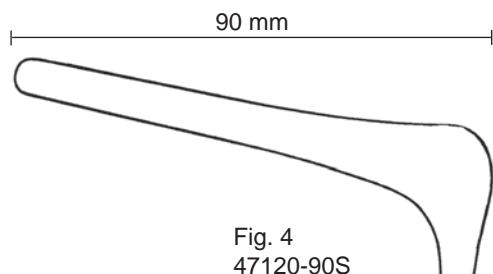


Fig. 4  
47120-90S

Nasenspekula  
Nasal Specula  
Espéculos nasales



COTTLE  
14 cm, 5 ½"

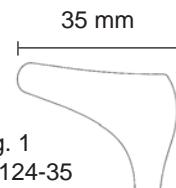


Fig. 1  
47124-35

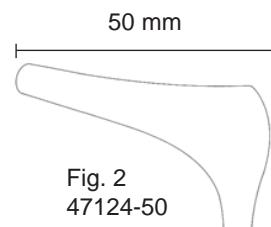


Fig. 2  
47124-50

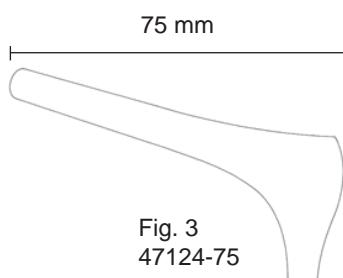


Fig. 3  
47124-75

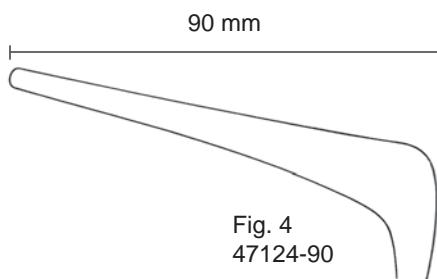


Fig. 4  
47124-90

Nasenspekula  
Nasal Specula  
Espéculos nasales



COTTLÉ  
14 cm, 5 1/2"

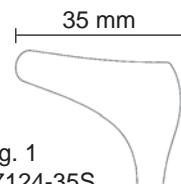


Fig. 1  
47124-35S

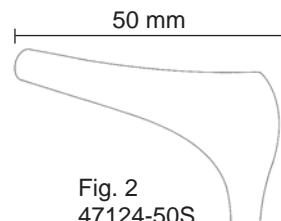


Fig. 2  
47124-50S

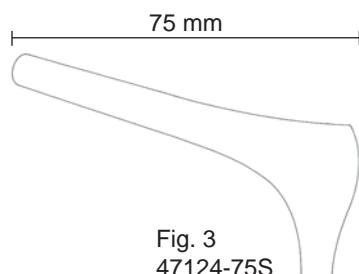


Fig. 3  
47124-75S

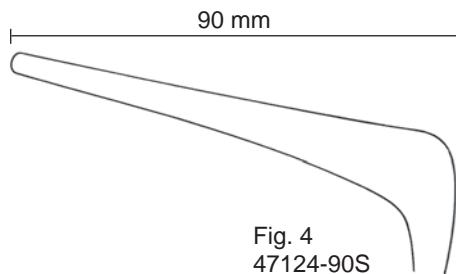


Fig. 4  
47124-90S

LEYLA Retraktor System  
LEYLA Retractor System  
Separador de sistema LEYLA



41843-50

Kugelgelenkkloben zum Befestigen an der OP-Tischschiene und zur Aufnahme des Haltearms 41850-41

ball and socket joint for fixation of holding rod 41850-41 at the operating table

articulation esferica, para sujetar el brazo de soporte rigido sobre la mesa de operaciones 9 x 32 mm

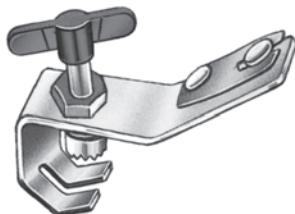


41850-41

starrer Haltearm, auseinandernehmbar, zur Fixation im Kugelgelenkkloben 41843-50 und zur wahlweisen Aufnahme des Kupplungskopf

holding rod, detachable, for fixation in ball and socket joint 41843-50 and to hold a desired coupling head

brazo de soporte rigido, desmontable, para fijacion a la articulacion esferica 41843-50 y opcionalmente a las cabezas



41821-21

Fixierzange zum Befestigen an Rohrteilen bis Ø 16 mm

clamp for fixation on bars up to Ø 16 mm

dispositivo de fijacion para tubos hasta Ø 16 mm



41842-44

Kupplungskopf, drehbar, zur Aufnahme von 1 flexiblen Spannarm 41810-10

coupling head, turnable, to hold 1 flexible arm 41810-10

acoplamiento, para fijacion de un brazo flexible 41810-10

Nasenpinzetten  
Nasal Forceps  
Pinzas nasales



TROELTSCH  
47151-15  
15 cm, 6"

TROELTSCH  
47151-18  
18 cm, 7"

Nasenpinzetten  
Nasal Forceps  
Pinzas nasales



JANSEN-GRUENWALD  
47154-20  
20 cm, 8"



JANSEN  
47155-20  
20 cm, 8"

Nasenpinzetten  
Nasal Forceps  
Pinzas nasales



GRAEFE  
11190-10 10,5 cm, 4.1"

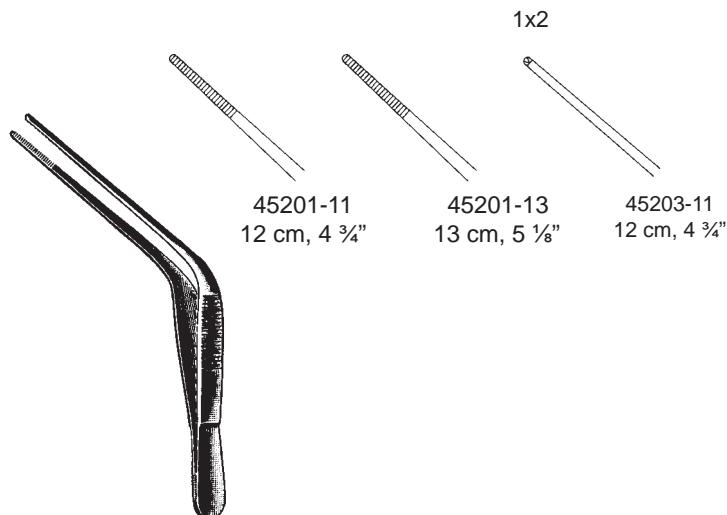


McINDOE  
11258-15 15,0 cm, 6"  
11259-15 TC 15,0 cm, 6"



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

Nasenpinzetten  
Nasal Forceps  
Pinzas nasales



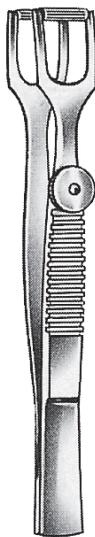
WILDE (TROELTSCH)



LUCAE  
45206-14 14 cm, 5 ½"  
45206-16 16 cm, 6 ¼"

COTTLER  
45208-14  
14 cm, 5 ½"

Columella-Pinzellette  
Columella Forceps  
Pinzas para columnela



COTTLE  
47565-10  
10 cm, 4"

Nasentamponzangen  
Nasal Dressing Forceps  
Pinzas nasales para taponamiento



WESTMACOTT  
47158-20 20 cm, 8"



LUBET-BARBON  
47159-20 20 cm, 8"



HARTMANN  
47161-16 16 cm, 6 1/4"

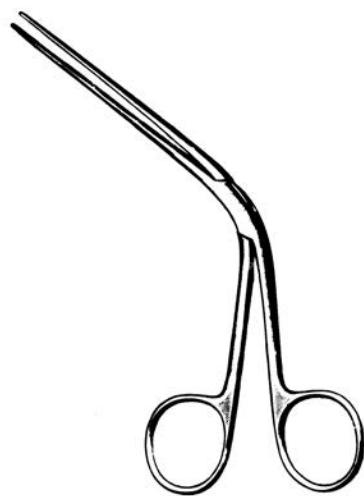


HARTMANN  
47161-20 20 cm, 8"

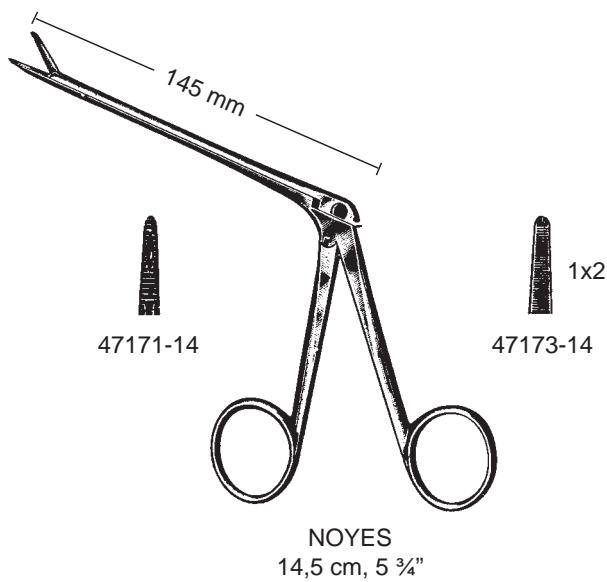
Nasentamponzangen  
Nasal Dressing Forceps  
Pinzas nasales para taponamiento



LISTER (Sinus)  
17210-13 13 cm, 5  $\frac{1}{8}$ "  
17210-16 16 cm, 6  $\frac{1}{4}$ "  
17210-18 18 cm, 7"

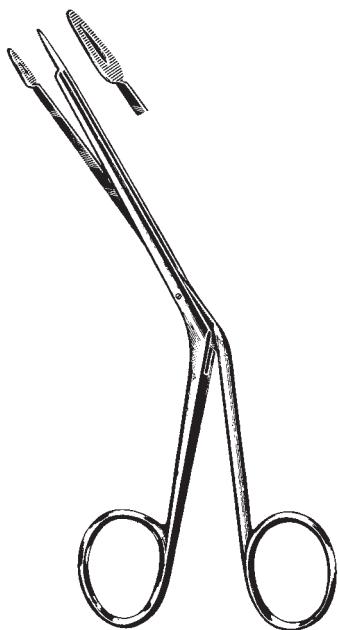


TILLEY  
45243-14  
14 cm, 5  $\frac{1}{2}$ "



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

Polypenzangen  
Nasal Polypus Forceps  
Pinzas para pólipos

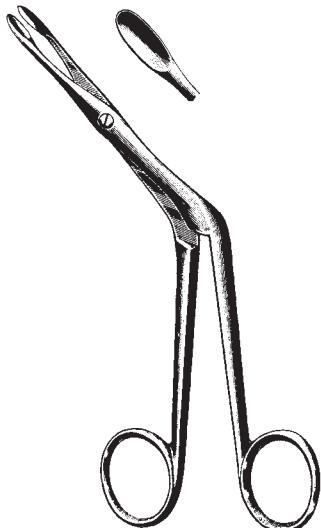


LITTAUER  
47167-18  
18 cm, 7"



HEYMANN-KNIGHT  
47169-18  
18 cm, 7"

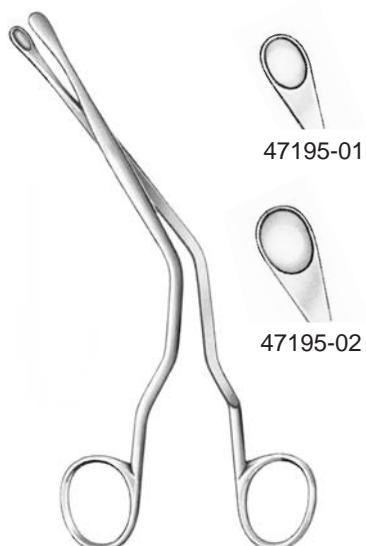
Nasen Septumzangen  
Nasal Septum Forceps  
Pinzas para el tabique nasal



HEYMANN  
47181-18  
18 cm, 7"



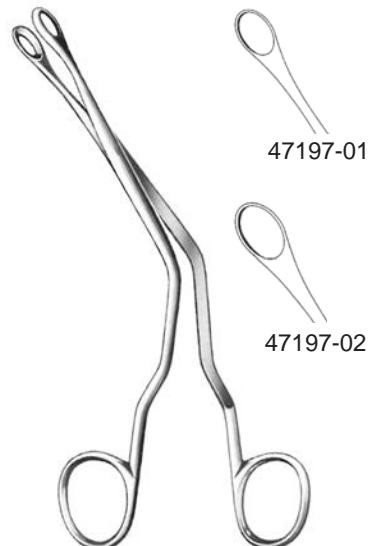
KNIGHT  
47185-18  
18 cm, 7"



47195-01

47195-02

LUC  
19 cm, 7 1/2"



47197-01

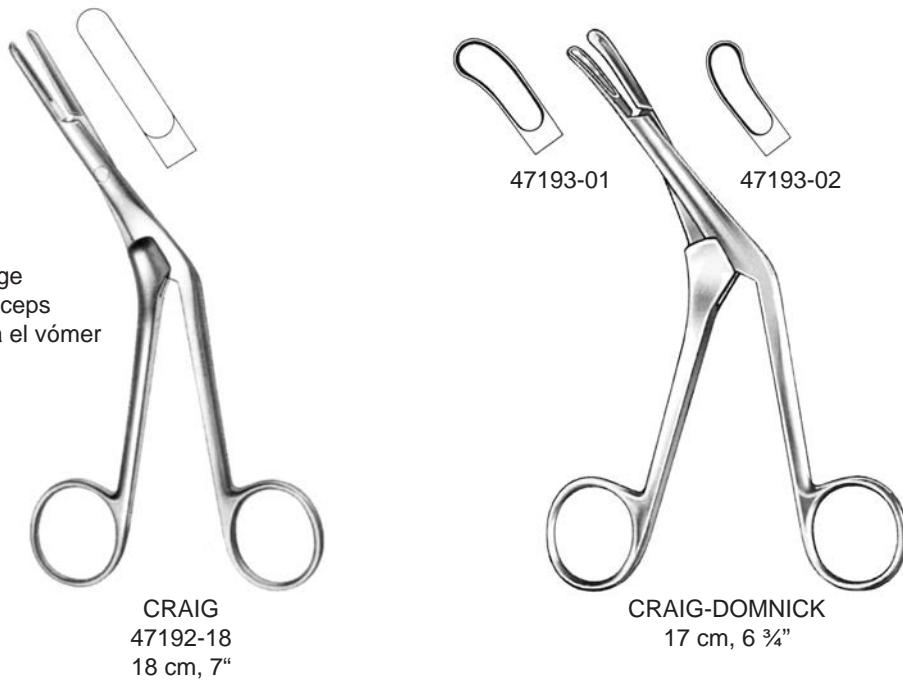
47197-02

LUC  
19 cm, 7 1/2"

Nasen Septumzangen  
Nasal Septum Forceps  
Pinzas para el tabique nasal



Vomerzange  
Vomer Forceps  
Pinza para el vómer



Nasen Septumzangen  
Nasal Septum Forceps  
Pinzas para el tabique nasal



MIDDLETON-JANSEN  
47323-19  
19 cm, 7  $\frac{1}{2}$ "



MIDDLETON-JANSEN  
47325-19  
19 cm, 7  $\frac{1}{2}$ "

Septumrichtzangen  
Septum Straightening Forceps  
Pinza para enderezar el tabique nasal



ASCH  
47571-23  
23 cm, 9"



WALSHAM  
47572-23  
23 cm, 9"



47572-23  
gerade  
straight  
recta



47573-23  
links  
left  
izquierda



47575-23  
rechts  
right  
derecha

Quetschzange  
Morselizer Forceps  
Pinza para aplastar



RUBIN  
47251-21  
21 cm, 8  $\frac{1}{4}$ "

Polypenschnürer  
Nasal Polypus Snares  
Polipótomas

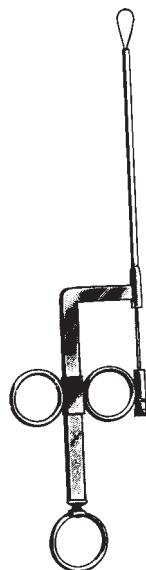


KRAUSE-VOSS  
47350-26  
26 cm, 10 1/4"



KRAUSE  
47351-26  
26 cm, 10 1/4"

Polypenschnüller  
Nasal Polypus Snares  
Polipótomas



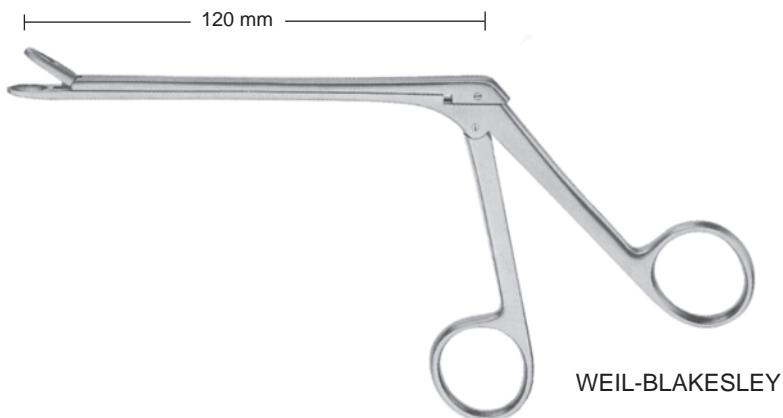
WILDE  
47352-24  
24 cm, 9 ½"



Bündel mit 12 Stück  
Bundle of 12 pieces  
paquete de 12 piezas

47355-03 0,3 mm

Siebbeinzangen  
Ethmoid Forceps  
Pinzas para etmoides



WEIL-BLAKESLEY



Fig. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



47223-00  
2,5 mm



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



47224-00  
2,5 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

Siebbeinzangen  
Ethmoid Forceps  
Pinzas para etmoides



TAKAHASHI



2,5 mm



4 mm



4 mm



47241-00

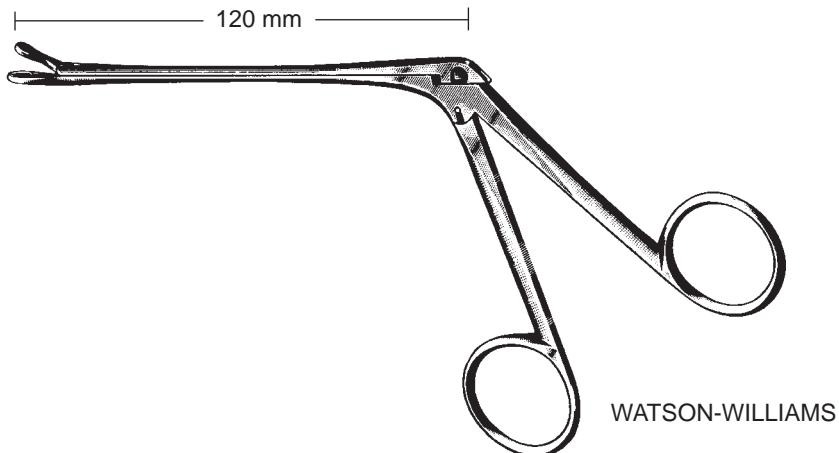


47242-00



47242-01

Siebbeinzangen  
Ethmoid Forceps  
Pinzas para etmoides

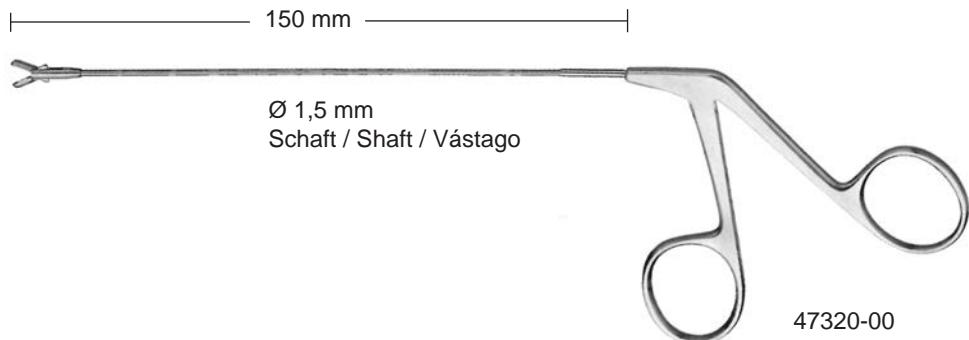


47255-01 7 mm

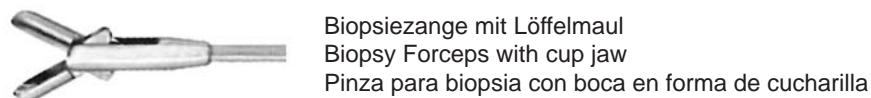


47255-02 9 mm

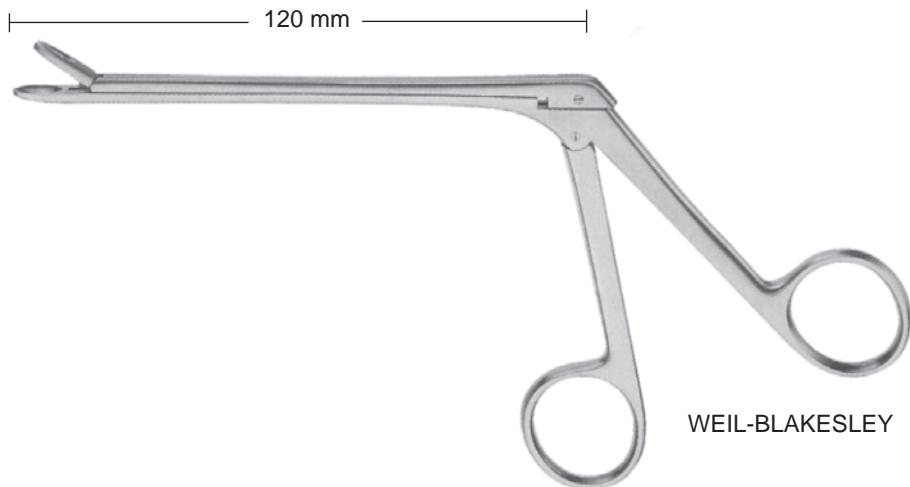
Nasenzange  
Nasal Forcep  
Pinza nasal



3 x 5 mm



Nasenzangen, durchschneidend  
Nasal Cutting Forceps  
Pinzas nasales cortantes



47226-01  
2,0 mm



47226-02  
2,5 mm



47226-03  
3,0 mm



47227-01  
2,0 mm

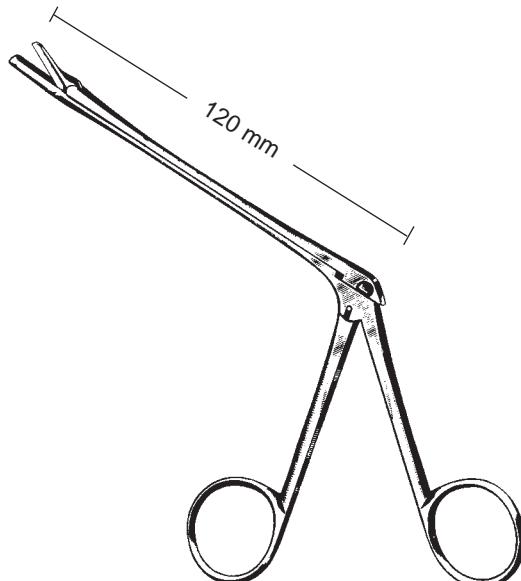


47227-02  
2,5 mm



47227-03  
3,0 mm

Nasenzangen, durchschneidend  
Nasal Cutting Forceps  
Pinzas nasales cortantes



STRUYCKEN  
47240-19

○ 47235-05  
5 mm

○ 47235-07  
7 mm

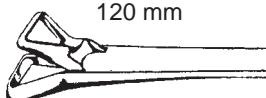
○ 47235-09  
9 mm

○ 47235-11  
11 mm

47239-01      47239-02  
120 mm

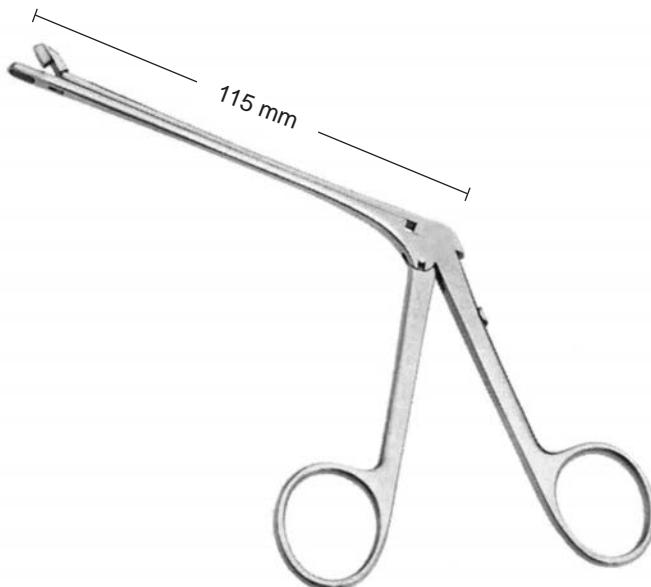


HARTMANN



SCHMEDEN

Scharfe Nasenzangen, durchschneidend  
Nasal Cutting Forceps  
Pinzas nasales cortantes



gerade  
straight  
recta



47230-00  
2,7 x 6,8 mm



47230-01  
3 x 7,7 mm

aufgewinkelt  
angled up  
angulada hacia arriba



47230-02  
2,2 x 6,5 mm



47230-03  
2,6 x 6,5 mm



47230-04  
3 x 6,5 mm

fein, gerade  
delicate, straight  
fina, recta



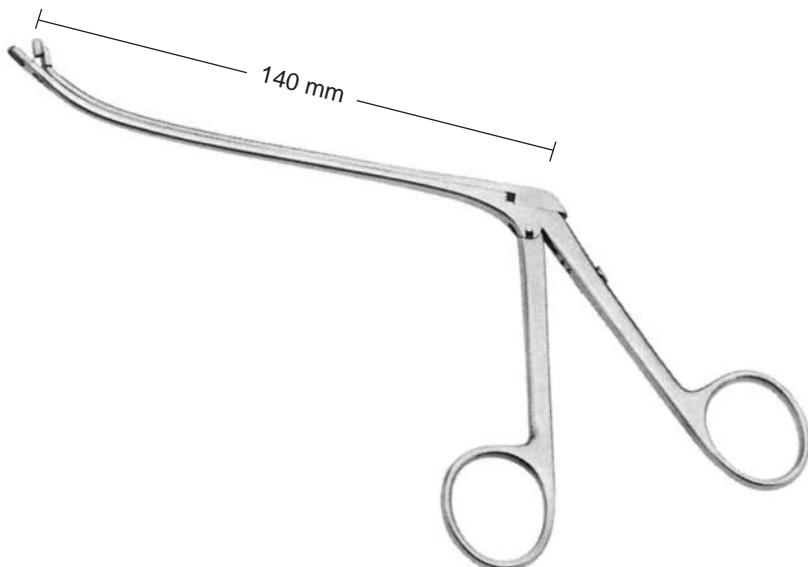
47230-05  
1,4 x 5 mm

fein, aufgewinkelt  
delicate, angled up  
fina, angulada hacia arriba



47230-06  
1,4 x 4 mm

Scharfe Nasenzangen  
Nasal Cutting Forceps  
Pinzas nasales cortantes



47231-00  
3 x 7,4 mm

aufgebogen  
curved up  
curvada hacia arriba



47231-01  
1,4 x 5 mm

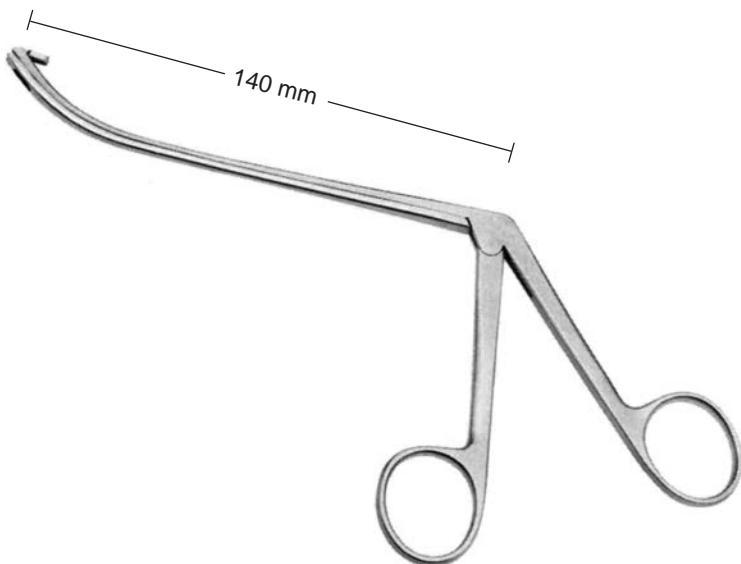
fein, aufgebogen  
delicate, curved up  
fina, curvada hacia arriba



47231-02  
1,4 x 4 mm

fein, aufgebogen, gewinkelt  
delicate, curved up, angled  
fina, curvada hacia arriba, angulada

Scharfe Nasenzange  
Nasal Cutting Forcep  
Pinza nasal cortante



47232-00  
2,6 x 4,5 mm

rückwärts schneidend, aufgebogen  
backward cutting, curved up  
corte retrogrado, curvada hacia arriba

Scharfe Nasenzangen  
Nasal Cutting Forceps  
Pinzas nasales cortantes



47233-00  
3 x 5 mm

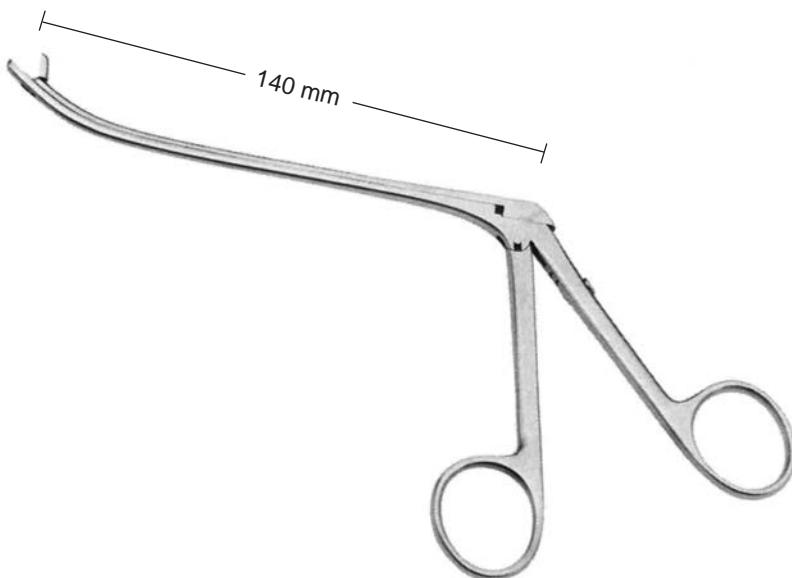
fein, gerade  
delicate, straight  
fina, recta



47233-01  
3 x 5 mm

fein, aufgewinkelt  
delicate, angled  
fina, angulada hacia arriba

Scharfe Nasenzangen  
Nasal Cutting Forceps  
Pinzas nasales cortantes



47233-02  
4 x 5 mm

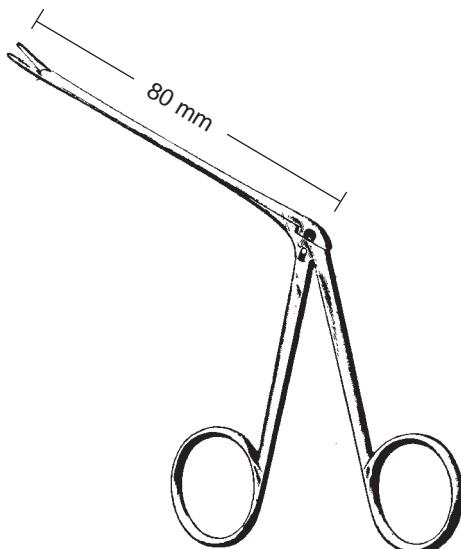
aufgebogen  
curved up  
curvada hacia arriba



47233-03  
3 x 5 mm

fein, aufgebogen  
delicate, curved up  
fina, curvada hacia arriba

Fremdkörperzängchen  
Ear Polypus Forceps  
Pinzas para pólipos



○ 1 mm Ø



HARTMANN-WULLSTEIN  
45257-08  
8,5 cm, 3.4"

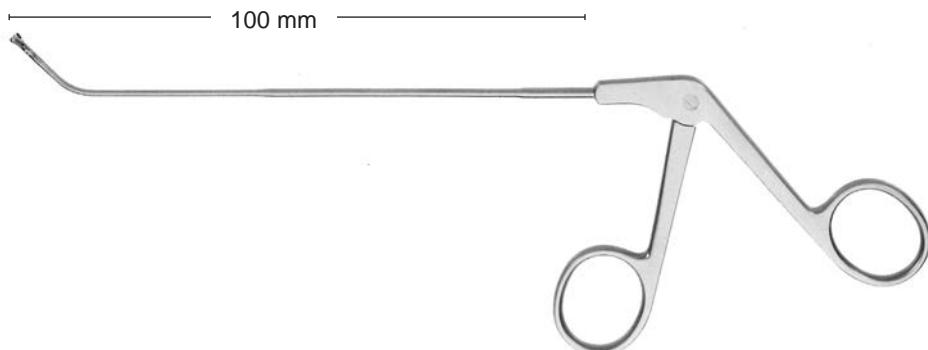
Ø mm      HARTMANN  
2,0    45267-20 8,5 cm, 3.4"  
2,5    45267-25 8,5 cm, 3.4"

○ 2 mm Ø



HARTMANN-HOFFMANN  
45275-08  
8,5 cm, 3.4"

Kieferhöhlen-Fasszange  
Maxillary Sinus Forceps  
Pinza de agarre para el seno maxilar



Maulteil starr  
Jaw rigid  
Boca rigida

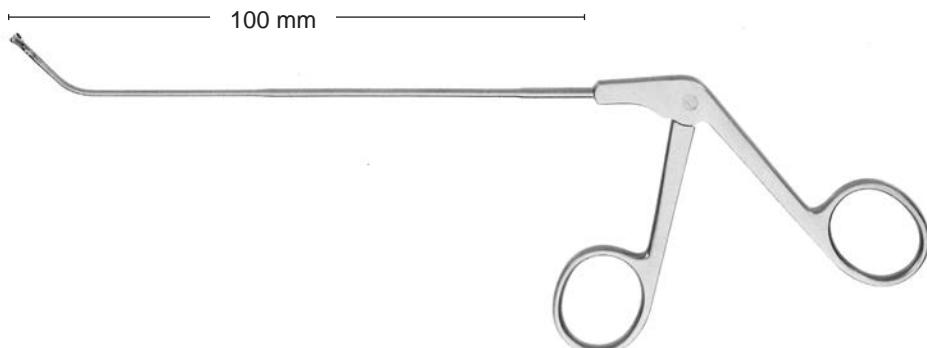


47324-01  
90° rückwärts öffnend nach unten  
90° backward opening downwards  
apertura de 90° hacia atrás hacia abajo



47324-02  
120° rückwärts öffnend nach unten  
120° backward opening downwards  
apertura de 120° hacia atrás hacia abajo

Kieferhöhlen-Fasszange  
Maxillary Sinus Forceps  
Fórceps del seno maxilar



Maulteil starr  
Jaw rigid  
Boca rigida



47324-05  
90° rückwärts öffnend nach oben  
90° backward opening top  
apertura de 90° hacia atrás hacia arriba

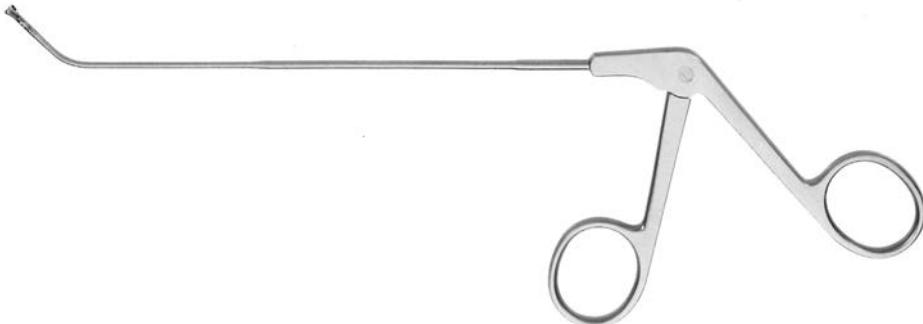


47324-04  
90° rückwärts öffnend nach rechts  
90° backward opening right  
apertura de 90° hacia atrás hacia la derecha



47324-03  
90° rückwärts öffnend nach links  
90° backward opening left  
apertura de 90° hacia atrás hacia la izquierda

Nasenzangen, durchschneidend  
Nasal Cutting Forceps  
Pinzas nasales cortantes



nach oben gebogen  
curved upward  
curvada hacia arriba



Doppellöffel, horizontal öffnend  
Cup, double action horizontal jaw  
Boca en forma cuchara de doble accion, boca horizontal

	70°	90°	110°
Ø 2 mm	47316-70	47316-90	47316-11
Ø 3 mm	47317-70	47317-90	47317-11
Ø 4 mm	47320-70	47320-90	47320-11



Doppellöffel, vertikal öffnend  
Cup, double action vertical jaw  
Boca en forma cuchara de doble accion, boca vertical

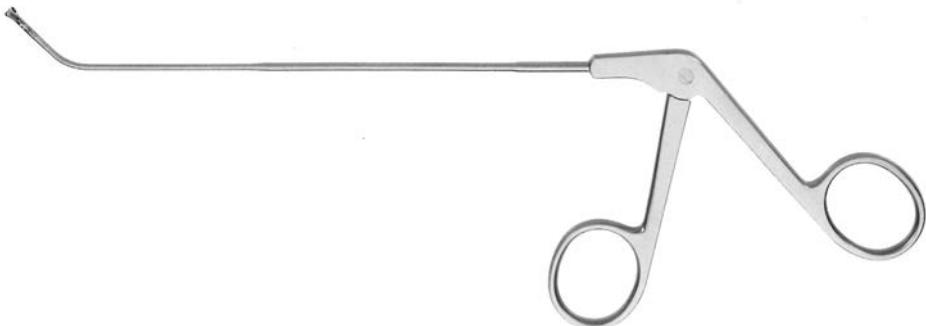
	70°	90°	110°
Ø 2 mm	47321-70	47321-90	47321-11
Ø 3 mm	47318-70	47318-90	47318-11
Ø 4 mm	47322-70	47322-90	47322-11



Doppellöffel BUTTERFLY, horizontal öffnend  
BUTTERFLY cup, double action horizontal jaw  
Boca en forma cuchara de doble accion BUTTERFLY,  
boca horizontal

	80°	100°
Ø 3 mm	47323-80	47323-10

Biopsie Stanze  
Biopsy Punch  
Pinza para biopsia



Biopsie Stanze, Schnitt 2,5 x 5 mm, einfach vertikalen Kiefer  
Biopsy punch, cut 2.5 x 5 mm, single action vertical jaw  
Pinza para biopsia, corte de 2,5 x 5 mm, boca vertical de simple accion

	Schaft Shaft Vástago	vertikal öffnend vertical opening apertura vertical	links öffnend left opening apertura a la izquierda	rechts öffnend right opening apertura a la derecha
Arbeitslänge 90 mm Working length 90 mm Largo util de 90 mm	70° gebogen curved curvo	47325-01	47325-02	47325-03
Arbeitslänge 105 mm Working length 105 mm Largo util de 105 mm	gerade straight recto	47326-01	47326-02	47326-03
Arbeitslänge 105 mm Working length 105 mm Largo util de 105 mm	70° gebogen curved curvo	47327-01	47327-02	47327-03

Nasenzangen, Rohrschaft, einfachbeweglich  
Nasal Forceps, Tube Shaft, single action jaws  
Pinzas nasales, vastago tubular, simple accion

BLAKESLEY Nasenzange, Arbeitslänge 130 mm  
BLAKESLEY nasal forceps, working length 130 mm  
Pinza nasal BLAKESLEY, largo util de 130 mm

Maul gefenstert und gerade  
Jaw fenestrated, straight  
Boca fenestrada y recta

Schnitt / Cut / corte	3,0 mm	3,5 mm	4,0 mm
	47223-30	47223-35	47223-40
	47226-30	47226-35	47226-40

Maul gefenstert und 45° nach oben abgewinkelt  
Jaw fenestrated and 45° angled upwards  
Boca fenestrada y angulada hacia arriba en 45°

Schnitt / Cut / corte	3,0 mm	3,5 mm	4,0 mm
	47224-30	47224-35	47224-40
	47227-30	47227-35	47227-40

Knochenstanzen  
Bone Punch  
Pinzas para huesos



	90°	90°	40°
18 cm, 7"	41510-01 1 mm	41511-01 1 mm	41512-01 1 mm
18 cm, 7"	41510-02 2 mm	41511-02 2 mm	41512-02 2 mm
18 cm, 7"	41510-03 3 mm	41511-03 3 mm	41512-03 3 mm
18 cm, 7"	41510-04 4 mm	41511-04 4 mm	41512-04 4 mm
18 cm, 7"	41510-05 5 mm	41511-05 5 mm	41512-05 5 mm

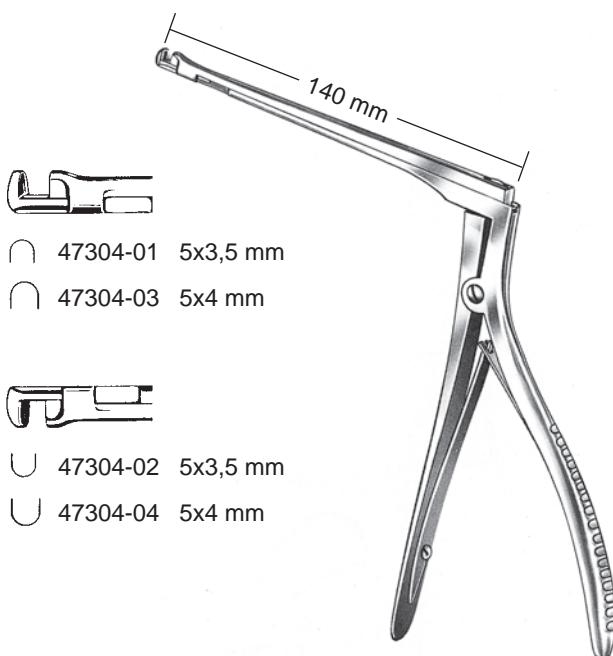
auch lieferbar mit Dünnsfuß  
also available with thin foot plate  
tambien disponible con lámina de punzonar estrecha

Stanzen  
Punches  
Pinzas



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

3x3 mm 47303-03  
4x4 mm 47303-04  
5x5 mm 47303-05  
6x6 mm 47303-06



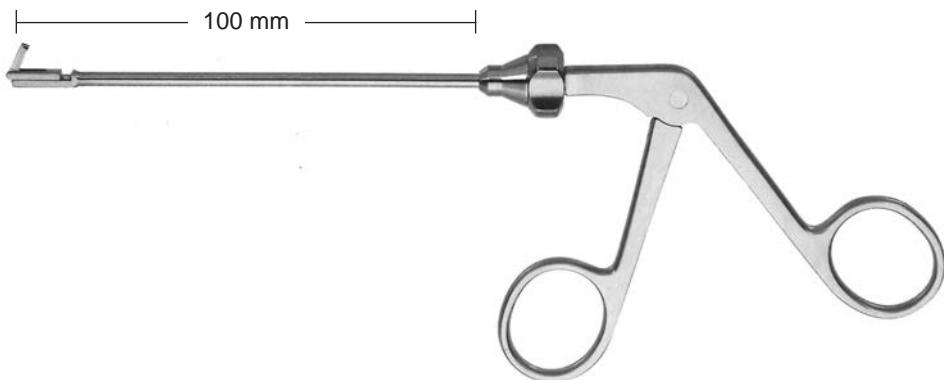
HAJEK-KOFLER

Stanze  
Punch  
Pinza



HAJEK-KOFLER  
47316-16  
3,5 mm

Antrumstanzen  
Antrum Punches  
Pinzas para antro



Retro Stanzen  
Retro Punches  
Pinza retrograda



Ø 4,5 mm

starr, Schnitt 2,5 x 6,5 mm  
rigid, cut 2.5 x 6.5 mm  
rigida, corte 2,5 x 6,5 mm

- 47310-00 rechts schneidend / right cutting / corte hacia la derecha  
47311-00 links schneidend / left cutting / corte hacia la izquierda  
47312-00 nach oben schneidend / upward cutting / corte hacia arriba  
47313-00 nach unten schneidend / downward cutting / corte hacia abajo



Ø 3,0 mm

starr, Schnitt 2,0 x 5,0 mm  
rigid, cut 2.0 x 5.0 mm  
rigida, corte 2,0 x 5,0 mm

- 47316-00 rechts schneidend / right cutting / corte hacia la derecha  
47317-00 links schneidend / left cutting / corte hacia la izquierda  
47315-00 nach oben schneidend / upward cutting / corte hacia arriba  
47314-00 nach unten schneidend / downward cutting / corte hacia abajo

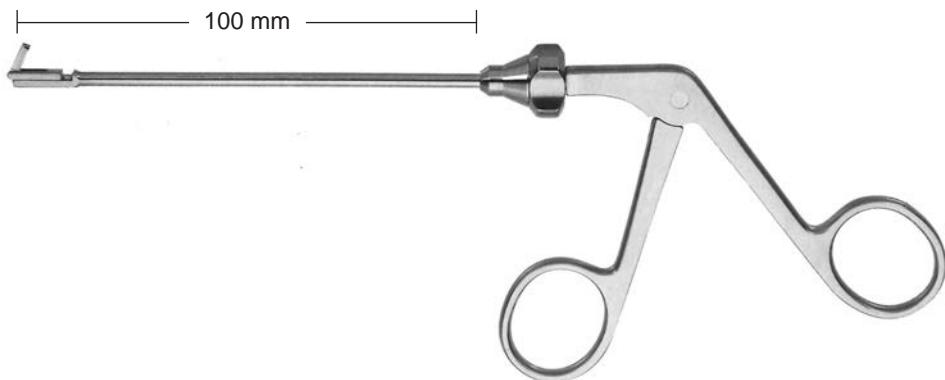


Ø 3,0 mm

Schnitt 2,0 x 5,0 mm  
Cut 2.0 x 5.0 mm  
corte 2,0 x 5,0 mm

- 47318-00 **360° drehbar / rotatable / giratoria**

Antrumstanzen  
Antrum Punches  
Pinzas para antro



Retro Stanzen, für Kinder  
Retro punches, for children  
Pinza retrograda, para niños



Ø 3,0 mm

starr, Schnitt 1,5 x 3,5 mm  
rigid, cut 1.5 x 3.5 mm  
rigida, corte 1,5 x 3,5 mm

47321-00 rechts schneidend / right cutting / corte hacia la derecha  
47322-00 links schneidend / left cutting / corte hacia la izquierda  
47323-00 nach oben schneidend / upward cutting / corte hacia arriba  
47324-00 nach unten schneidend / downward cutting / corte hacia abajo

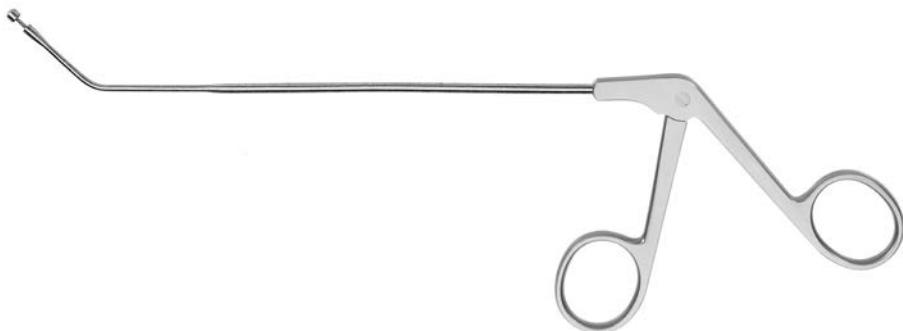


Ø 3,0 mm

Schnitt 1,5 x 3,5 mm  
Cut 1.5 x 3.5 mm  
corte 1,5 x 3,5 mm

47325-00 **360° drehbar / rotatable / giratoria**

Zirkular Stanze  
Circular Punch  
Pinza circular



360° schneidend / cutting / cortante

gerader Schaft  
shaft straight  
vástago recto

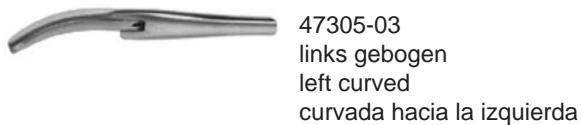
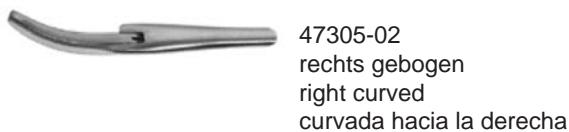
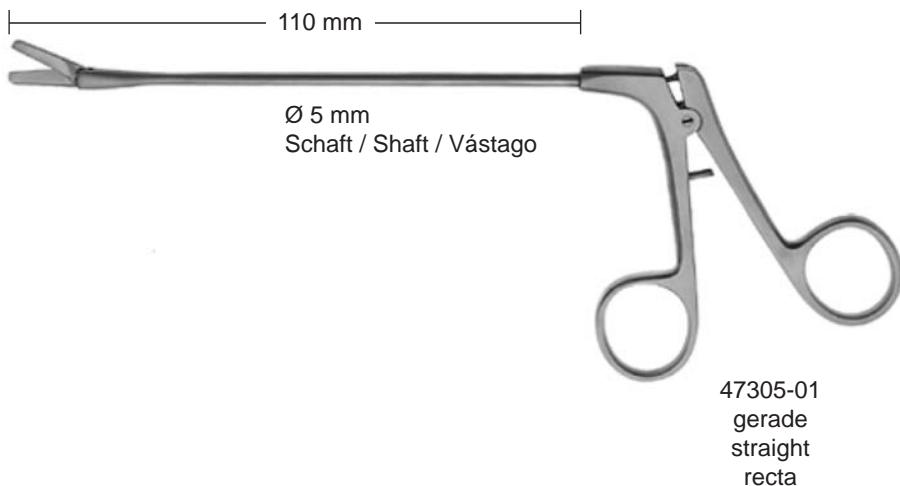
45° nach oben gebogen  
45° curved upward  
curvada hacia arriba en 45°

Ø 3,5 mm  
Ø 4,5 mm

47319-35  
47319-45

47320-35  
47320-45

Nasenscheren  
Nasal Scissors  
Tijeras nasales



Präparierscheren  
Dissecting Scissors  
Tijeras de disección



09280-12	12 cm, 4 ¾"	09281-12
09284-12 TC	12 cm, 4 ¾"	09285-12 TC
<b>09966-11 SC</b>	<b>12 cm, 4 ¾"</b>	<b>09967-11 SC</b>
09280-15	15 cm, 6"	09281-15
09284-15 TC	15 cm, 6"	09285-15 TC
<b>09970-14 SC</b>	<b>15 cm, 6"</b>	<b>09971-14 SC</b>
09280-18	18 cm, 7"	09281-18
09284-18 TC	18 cm, 7"	09285-18 TC
<b>09970-18 SC</b>	<b>18 cm, 7"</b>	<b>09971-18 SC</b>

METZENBAUM

Präparierscheren  
Dissecting Scissors  
Tijeras de disección



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

Präparierscheren  
Dissecting Scissors  
Tijeras de disección



SANVENERO



09302-14 14 cm, 5 ½"



09303-14



JOSEPH



09304-14 14 cm, 5 ½"



09305-14

Präparierscheren  
Dissecting Scissors  
Tijeras de disección

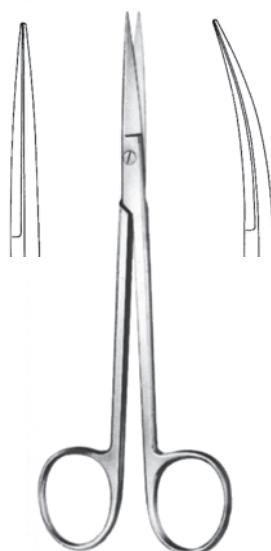


09310-12	12 cm, 4 ¾"
<b>09314-12 TC</b>	<b>12 cm, 4 ¾"</b>
<b>09995-12 SC</b>	<b>12 cm, 4 ¾"</b>
09310-15	15 cm, 6"

KILNER (RAGNELL)



REYNOLDS (JAMESON)	
09321-15	15 cm, 6"
<b>09993-15 SC</b>	<b>15 cm, 6"</b>
09321-18	18 cm, 7"



KELLY	
09540-16	16 cm, 6 ¼"
<b>09542-16 TC</b>	<b>16 cm, 6 ¼"</b>
<b>09544-16 SC</b>	<b>16 cm, 6 ¼"</b>
	<b>09545-16 SC</b>

Feine Scheren  
Delicate Scissors  
Tijeras finas



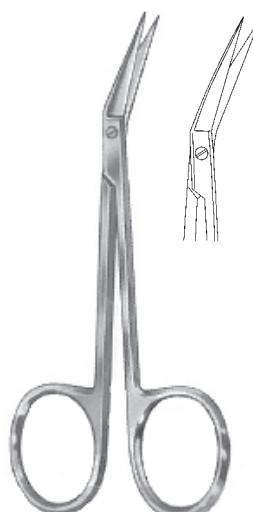
IRIS

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
<b>09344-11 TC</b>	<b>11 cm, 4 <math>\frac{3}{8}</math>"</b>	<b>09345-11 TC</b>
<b>09980-11 SC</b>	<b>11 cm, 4 <math>\frac{3}{8}</math>"</b>	<b>09981-11 SC</b>



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



09348-01



09348-02



09348-03



09348-04



09348-05



09348-06

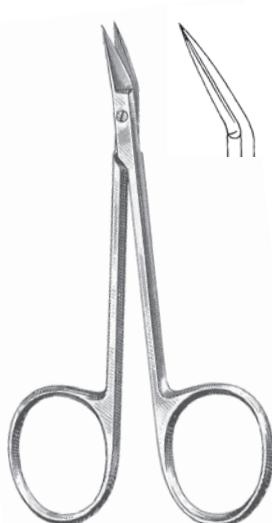
Feine Scheren  
Delicate Scissors  
Tijeras finas



LITTLER  
09349-12  
12 cm, 4  $\frac{3}{4}$ "



GRAEFE  
09350-10  
10 cm, 4"



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



COTTLE  
09358-11  
11 cm, 4  $\frac{3}{8}$ "

Feine Scheren  
Delicate Scissors  
Tijeras finas



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



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



09354-10 10 cm, 4" 09355-10



09356-10 10 cm, 4" 09357-10

Feine Scheren  
Delicate Scissors  
Tijeras finas



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

spitz  
sharp  
aguda



09360-11  
09984-11SC



09361-11  
09985-11 SC

stumpf  
blunt  
roma



09362-11



09363-11



STRABISMUS

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

Feine Scheren  
Delicate Scissors  
Tijeras finas



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



09828-12



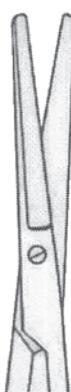
09826-12



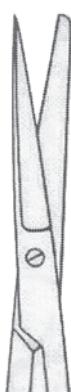
09824-12  
**09982-12SC**



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



09823-12



09829-12



09825-12  
**09983-12 SC**

Nasenscheren  
Nasal Scissors  
Tijeras nasales



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



SPENCER  
09802-09 9 cm, 3 ½"  
09802-11 11 cm, 4 ¾"



LITTAUER  
09804-14  
14 cm, 5 ½"



O'BRIEN  
09805-09  
9 cm, 3 ½"

Face Lift Scheren  
Face Lift Scissors  
Face Lift tijeras



GORNEY  
19 cm, 7 ½"

10010-19                    10011-19  
**10012-19 TC**              **10013-19 TC**  
**10014-19 SC**              **10015-19 SC**



GORNEY-FREEMAN

10061-19                    19 cm, 7 ½"  
**10061-19 TC**              19 cm, 7 ½"  
**10061-19 SC**              19 cm, 7 ½"

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



KAYE

10028-14 TC	14 cm, 5 ½"	10029-14 TC
10034-14 SC	14 cm, 5 ½"	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, 5 ¾"	10045-14
10048-14 SC	14,5 cm, 5 ¾"	10049-14 SC



BEUSE

10050-14	14 cm, 5 ½"	10051-14
10050-18	18 cm, 7"	10051-18

Blepharoplastik Scheren  
Blepharoplasty Scissors  
Tijeras para blefaroplastia



GREENBERG-PAR  
10201-11            11,5 cm, 4 ½"  
**10201-11SC**      11,5 cm, 4 ½"



KAYE  
10206-11            11,5 cm, 4 ½"      10207-11  
**10206-11SC**      11,5 cm, 4 ½"      **10207-11SC**

Mikro Scheren  
Micro Scissors  
Micro tijeras



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

10202-11

10203-11

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

10202-14

**10202-14T**

10203-14

**10203-14T**

18 cm, 7"

10202-18

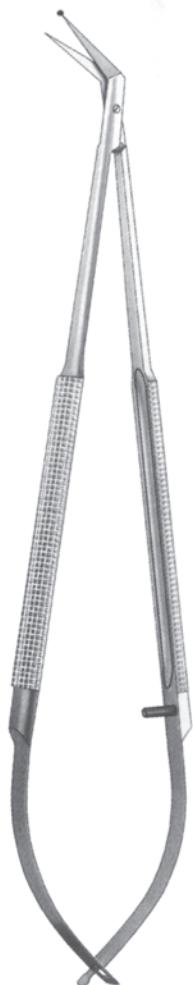
**10202-18T**

10203-18

**10203-18T**

T= Titan, titanium, titanio

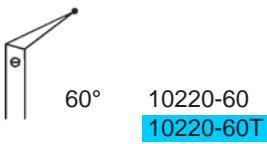
Mikro Scheren  
Micro Scissors  
Micro tijeras



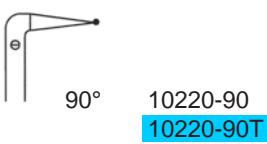
25°  
**10220-25**  
**10220-25T**



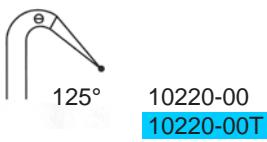
45°  
**10220-45**  
**10220-45T**



60°  
**10220-60**  
**10220-60T**



90°  
**10220-90**  
**10220-90T**



125°  
**10220-00**  
**10220-00T**

18 cm, 7"

T= Titan, titanium, titanio

Mikro Scheren  
Micro Scissors  
Micro tijeras



	11 cm 4 $\frac{3}{8}$ "	14,5 cm 5 $\frac{3}{4}$ "	18 cm 7"
25°	10226-11	10226-14	10226-18 <b>10226-18T</b>
45°	10227-11	10227-14	10227-18 <b>10227-18T</b>
60°	10228-11	10228-14	10228-18 <b>10228-18T</b>
90°	10229-11	10229-14	10229-18 <b>10229-18T</b>
125°	10230-11	10230-14	10230-18 <b>10230-18T</b>

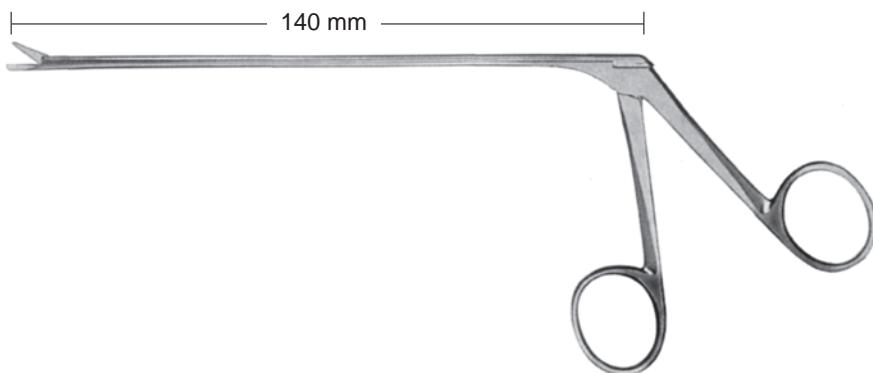
T= Titan, titanium, titanio

Nasenschere  
Nasal Scissor  
Tijera nasal



CAPLAN  
47256-20  
20 cm, 8"

Tumorschere  
Tumor Scissors  
Tijera para tumores



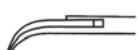
93755-14

gerade  
straight  
recta



93756-14

rechts gebogen  
curved right  
curvada hacia la derecha



93757-14

links gebogen  
curved left  
curvada hacia la izquierda

Knochensplitterzangen  
Bone Cutting Forceps  
Pinzas cortantes para huesos



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

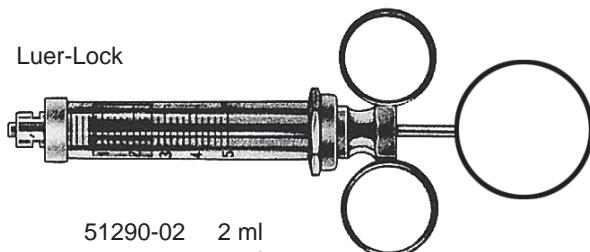


MC INDOE  
33283-17  
17 cm, 6 3/4"

Nadelhalter  
Needle Holders  
Porta-agujasDERF  
25110-12 12 cm, 4  $\frac{3}{4}$ " **25114-12 TC**WEBSTER  
25128-13 13 cm, 5  $\frac{1}{8}$ "  
**25129-13 TC 13 cm, 5  $\frac{1}{8}$ "**BABY-WEBSTER  
25136-11 11 cm, 4  $\frac{3}{8}$ "  
**25137-11 TC 11 cm, 4  $\frac{3}{8}$ "**HALSEY  
25130-13 13 cm, 5  $\frac{1}{8}$ " 25140-13  
**25134-13 TC 13 cm, 5  $\frac{1}{8}$ " 25144-13 TC**CRILE-WOOD  
25160-15 15 cm, 6" **25164-15 TC**

Saug- und Spülinstrumente  
Suction and Irrigation Instruments  
Instrumentos de aspiración y irrigacion

Luer-Lock



51290-02 2 ml  
51290-05 5 ml  
51290-10 10 ml  
51290-20 20 ml

51291-00  
2,5 mm Ø  
51293-00  
0,8 mm Ø



Koagulations-Saugrohr, gerade  
Coagulation Suction Tube, straight  
Tubo de succión y coagulación, recto

Ø 3,5 mm

Ø 2,5 mm

Monopolar

41312-10

Nutzlänge 10 cm, 4"

Working length 10 cm, 4"

Largo útil 10 cm, 4"

41312-26

Nutzlänge 26 cm, 10 ¼"

Working length 26 cm, 10 ¼"

Largo útil 26 cm, 10 ¼"

Kabelanschluß männlich

Cable connector male

Conexión del cable macho

Spülkanülen  
Irrigating Tubes  
Canulas irrigadoras



EICKEN (KILLIAN)

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

$\varnothing$

47331-20

2,0 mm

47332-20

47331-25

2,5 mm

47332-25

47331-30

3,0 mm

47332-30

47331-40

4,0 mm

47332-40

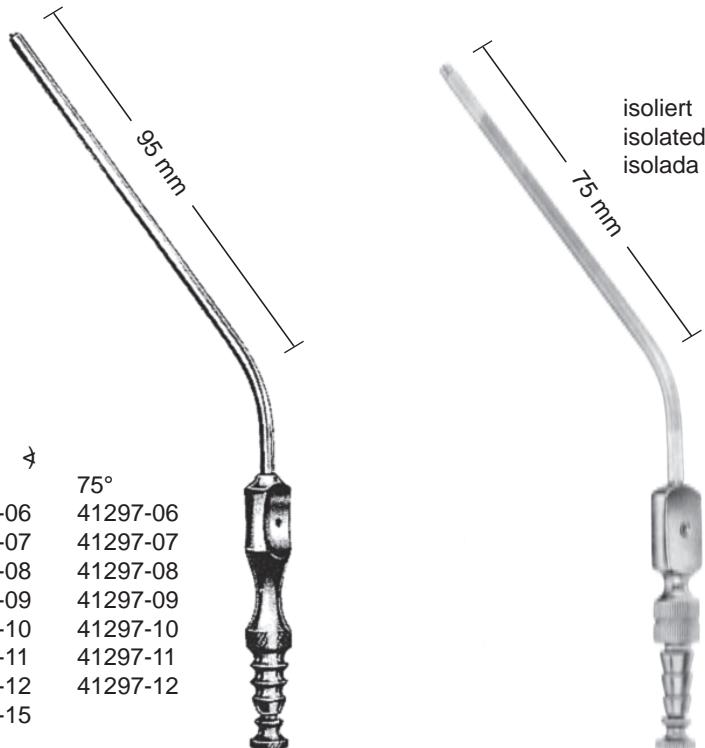


KILLIAN

$\varnothing$  1,5 mm

47345-15

Saugkanülen  
Suction Tubes  
Cánulas aspiradoras

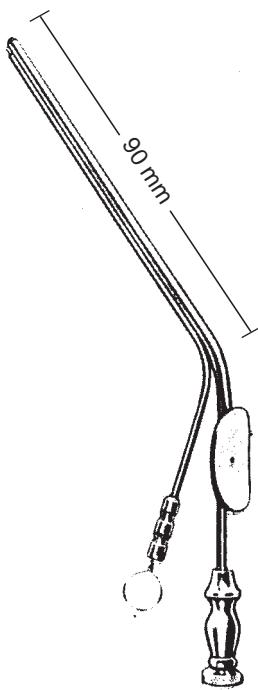


Charr.	30°	75°
6	41295-06	41297-06
7	41295-07	41297-07
8	41295-08	41297-08
9	41295-09	41297-09
10	41295-10	41297-10
11	41295-11	41297-11
12	41295-12	41297-12
15	41295-15	

FRAZIER / FERGUSSON  
19 cm, 7 1/2"

FERGUSSON  
41294-40  
18 cm, 7"  
ø 4 mm, 90°

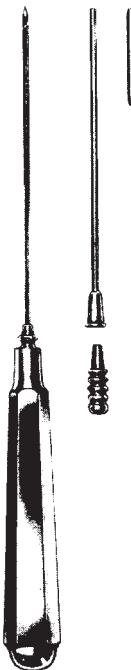
Saugrohre  
Suction Tubes  
Tubos de aspiración



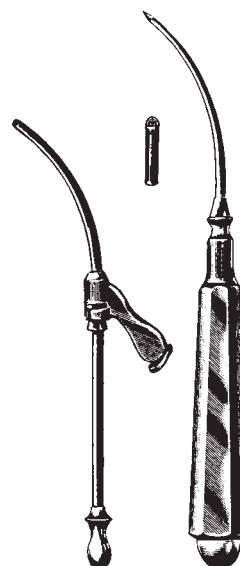
HOUSE  
9 cm, 3 ½"

- 41303-09 Ø 0,9 x 0,7 mm
- 41303-12 Ø 1,2 x 0,9 mm
- 41303-15 Ø 1,5 x 1,2 mm
- 41303-18 Ø 1,8 x 1,8 mm
- 41303-25 Ø 2,5 x 2,0 mm
- 41303-30 Ø 3,0 x 2,0 mm
- 41303-45 Ø 4,5 x 2,0 mm

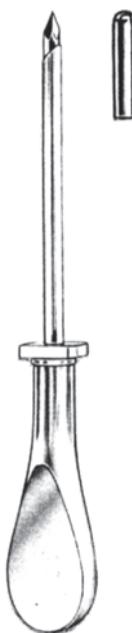
Trokare  
Trocars  
Trócares



LICHTWITZ  
23128-19 1,75 mm Ø



COAKLEY  
23140-02 2,25 mm Ø



SINOSKOPIE TROKAR  
Universal  
8,5 cm, 3.4"

23181-40 für Optik mit Ø 4,0 mm  
for optics Ø 4,0 mm  
para la óptica de Ø 4,0 mm

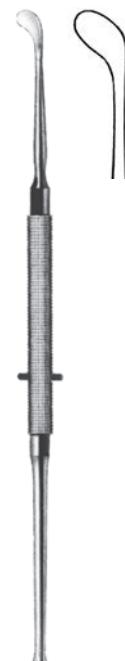
Nasenmesser  
Nasal Knives  
Bisturis nasales



47370-16      47371-16  
stumpf, blunt,  
romos

47372-16      47373-16  
spitz, pointed,  
agudos

JOSEPH  
16 cm, 6 1/4"

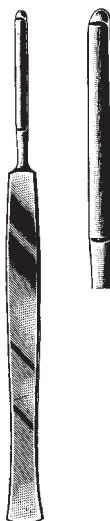


FREER  
47374-16  
16,5 cm, 6 1/2"

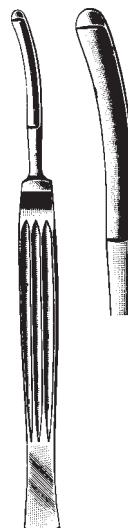
JOSEPH  
47375-16  
16,5 cm, 6 1/2"

FREER  
47375-19  
19 cm, 7 1/2"

Nasenplastik- und Operationsmesser, Sichelmesser  
Rhinoplastic and Nasal Knives, Septum Sickle Knives  
Bisturies para plastica y operaciones de la nariz, Bisturies para el tabique nasal



JOSEPH  
47376-16  
16 cm, 6 1/4"



CONVERSE  
47379-16  
16 cm, 6 1/4"



COTTLER  
47380-15  
15 cm, 6"



COTTLER  
47382-15  
15 cm, 6"



JOSEPH  
47384-15  
15 cm, 6"



JOSEPH  
47385-15  
15 cm, 6"



47386-01  
spitz  
pointed  
agudo

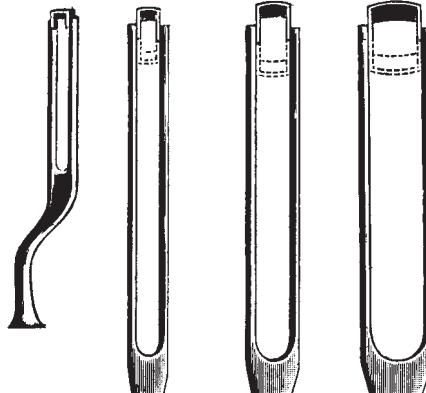


47386-02  
stumpf  
blunt  
romo

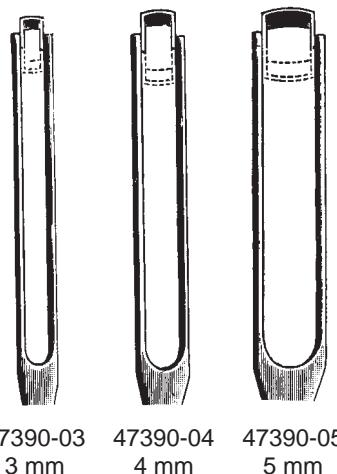
Schwingmesser  
Septum Swivel Knives  
Bisturis para el tabique nasal



BALLENGER  
20 cm, 8"

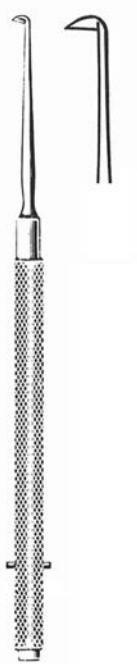


47392-03    47392-04    47392-05  
3 mm        4 mm        5 mm



47390-03    47390-04    47390-05  
3 mm        4 mm        5 mm

Submukosamesser, Knorpelritzmesser  
Submucosa Knife, Cartilage Knife  
Cuchillo para submucosa, Cuchillo para rajar cartílagos



FREER-INGALS  
47372-17  
17 cm, 6  $\frac{3}{4}$ "



MASING  
47377-13  
13 cm, 5  $\frac{1}{8}$ "

Dermatome  
Dermatome  
Dermátomos



SCHINK  
07490-00  
30 cm, 11 ¾"

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



07490-01

Ersatzklinge  
Spare blade  
Hoja de repuesto



10 cm  
4"

8 cm  
3 1/8"

4 cm  
1 1/2"

07490-02

Spannplatte  
Skin straightening plate  
Placa para extender la piel

Dermatome  
Dermatome  
Derma<sup>tm</sup>tos



HUMBY  
07495-31  
31 cm, 12  $\frac{1}{4}$ "

SILVER  
07498-00  
19 cm, 7  $\frac{1}{2}$ "

WATSON  
07499-00  
30 cm, 11  $\frac{3}{4}$ "

---

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

07496-31

07296-00

07499-01

Septum Elevatoren  
Septum Elevators  
Elevadores para el tabique



McKENTY  
15 cm, 6"



47410-04  
4 mm



47410-05  
5 mm



HALLE  
47410-16  
16,5 cm, 6 1/2"



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

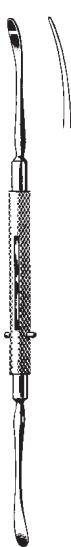


ROGER  
47413-19  
19 cm, 7 1/2"



MASING  
47414-21  
21 cm, 8"

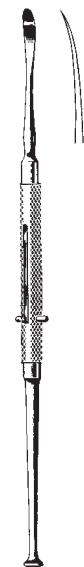
Septum Elevatoren  
Septum Elevators  
Elevadores para el tabique



FREER  
47415-18  
18 cm, 7"



FREER  
47417-19  
19 cm, 7 ½"



FREER  
47419-19  
19 cm, 7 ½"



KILLIAN  
47420-01  
18,5 cm, 7 ¼"



PIERCE  
47420-02  
21 cm, 8 ¼"



SINUS  
47420-03  
18 cm, 7"

Septum Elevatoren  
Septum Elevators  
Elevadores para el tabique



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"

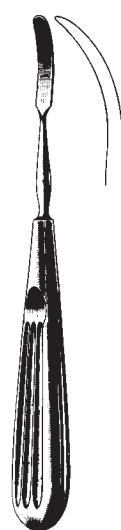


COTTLE JOSEPH  
47422-22  
22 cm, 8 3/4"



COTTLE  
47423-22  
22 cm, 8 3/4"

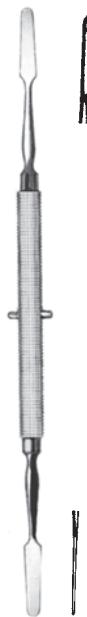
Septum Elevatoren  
Septum Elevators  
Elevadores para el tabique



COTTE  
47424-16  
16 cm, 6  $\frac{1}{4}$ "



COTTE  
47425-19  
19 cm, 7  $\frac{1}{2}$ "



KILLIAN  
47426-22  
22 cm, 8  $\frac{3}{4}$ "



HAJEK-BALLINGER  
47428-21  
22 cm, 8  $\frac{3}{4}$ "



BALLINGER  
47430-22  
22 cm, 8  $\frac{3}{4}$ "

Elevatoren  
Elevators  
Elevadores

Nasenfraktur-Elevator  
Nasal fracture elevator  
Elevador para fracturas nasales

Septumfraktur-Elevator  
Septum fracture elevator  
Elevador para fracturas del tabique nasal

9 mm



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

6 mm



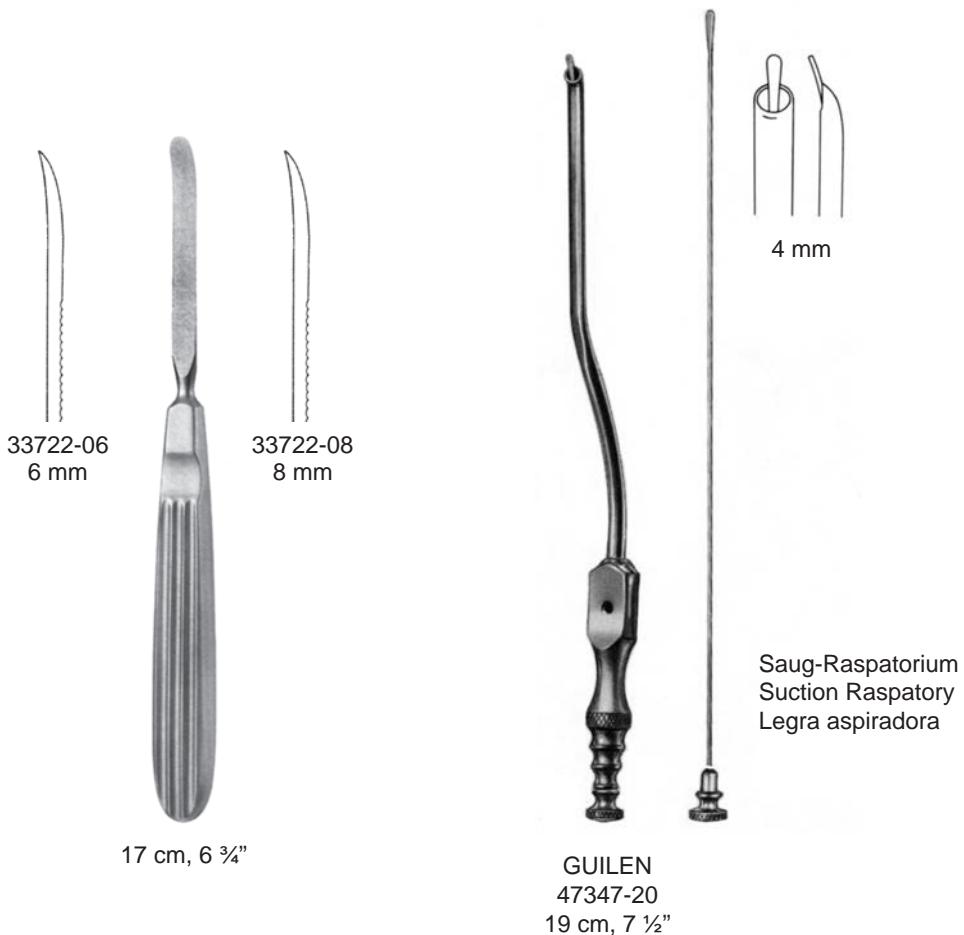
SEWALL  
47412-20  
20 cm, 8"



GOLDMANN  
33720-20  
20 cm, 8"

Antrum-Elevator  
Antrum Elevator  
Elevador para el antro

Raspatorien  
Raspatories  
Periostótomas



Osteotom mit Ferrozellgriff  
Osteotome with Ferrozell-Handle  
Osteótomo con mango de Ferrozell



LEXER  
22 cm, 8  $\frac{3}{4}$ "

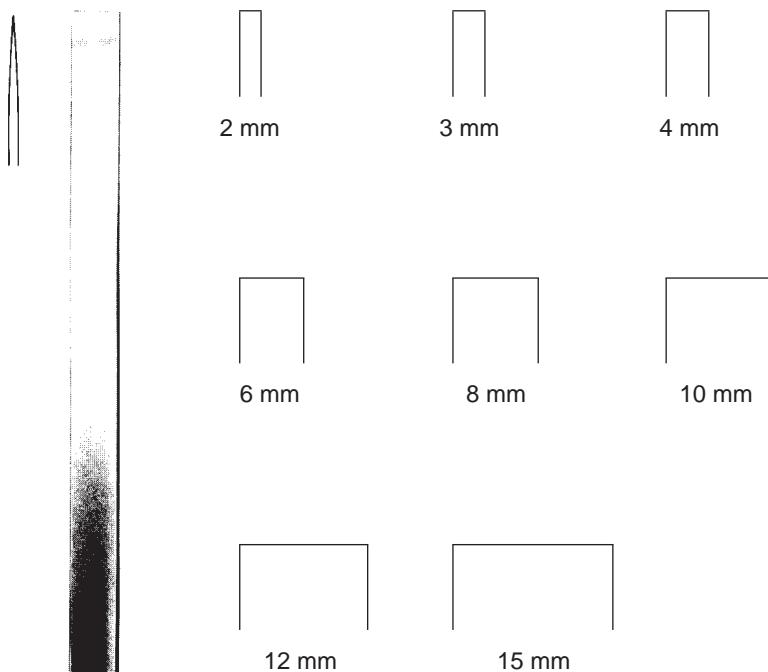


33660-15  
15 mm



33660-20  
20 mm

Osteotome  
Osteotomes  
Osteotomo



**MINI-LAMBOTTE**

12,5 cm, 5"	mm	17 cm, 6 $\frac{3}{4}$ "
33654-02	2	33652-02
33654-03	3	33652-03
<u>33654-04</u>	<u>4</u>	<u>33652-04</u>
33654-06	6	33652-06
33654-08	8	33652-08
<u>33654-10</u>	<u>10</u>	<u>33652-10</u>
33654-12	12	33652-12
33654-15	15	33652-15

Septum Meißel  
Rhinoplastic Chisels  
Cinceles para la plàstica nasal

4 mm



FREER  
47450-04  
15 cm, 6"

4 mm



FREER  
47451-04  
15 cm, 6"

Septum Meißel  
Rhinoplastic Chisels  
Cinceles para la plástica nasal



COTTLER  
18 cm, 7"



47454-04  
4 mm



47454-07  
7 mm



47454-09  
9 mm



47454-12  
12 mm



COTTLER  
47455-06  
18 cm, 7"



6 mm



COTTLER  
18 cm, 7"



47458-04  
4 mm



47458-07  
7 mm



47458-09  
9 mm



47458-12  
12 mm



COTTLER  
18 cm, 7"



47460-04  
4 mm



47460-07  
7 mm



47460-12  
12 mm

Septum Meißel  
Rhinoplastic Chisels  
Cinceles para la plástica nasal



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



47470-04  
4 mm



47470-05  
5 mm



47470-06  
6 mm



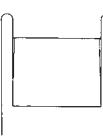
47470-07  
7 mm



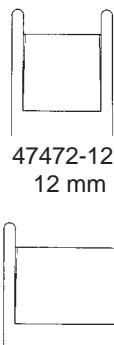
CINELLI  
16 cm, 6  $\frac{1}{4}$ "



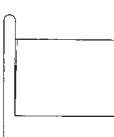
47472-10  
10 mm



47472-14  
14 mm



47472-12  
12 mm



47472-16  
16 mm



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

47471-02  
2 mm



47471-03  
3 mm



47471-04  
4 mm



47471-05  
5 mm



47471-06  
6 mm



47471-07  
7 mm



47471-08  
8 mm

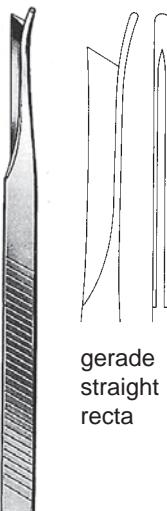


47471-10  
10 mm

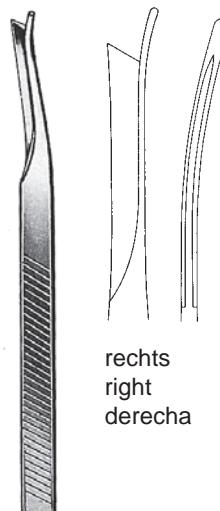


47471-12  
12 mm

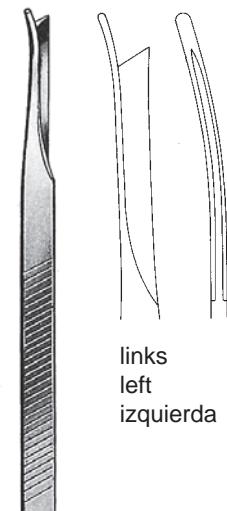
Septum Meißel, Osteotom  
 Rhinoplastic Chisels, Osteotomes  
 Cinceles para la plástica nasal, Osteótomas



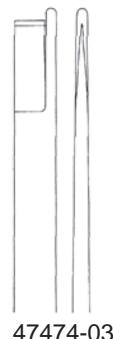
SILVER  
 47473-01  
 18 cm, 7"



SILVER  
 47473-02  
 18 cm, 7"



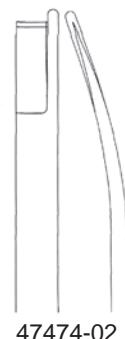
SILVER  
 47473-03  
 18 cm, 7"



47474-03  
 gerade  
 straight  
 recta



47474-01  
 rechts  
 right  
 derecha



47474-02  
 links  
 left  
 izquierda

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

Osteotome  
Osteotomes  
Osteotomos



RUBIN  
18,5 cm, 7 1/4"



47463-10  
10 mm

47463-12  
12 mm

47463-14  
14 mm

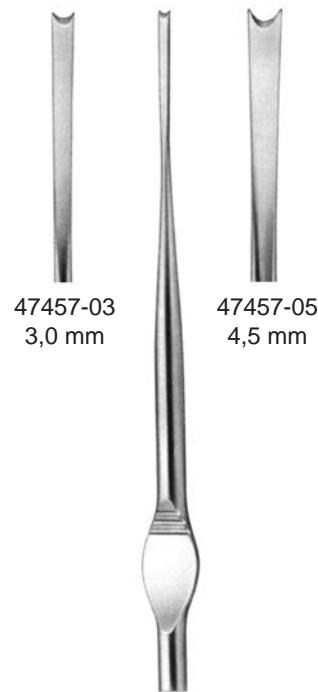


OBWEGESER  
18,5 cm, 7 1/4"

47475-04 4 mm  
47475-06 6 mm  
47475-08 8 mm



PASSOW  
12 cm, 4  $\frac{3}{4}$ "  
33626-35 3,5 mm  
33626-25 2,5 mm



WALTER  
18 cm, 7"

Septum Meißel  
Rhinoplastic Chisels  
Cinceles para la plàstica nasal



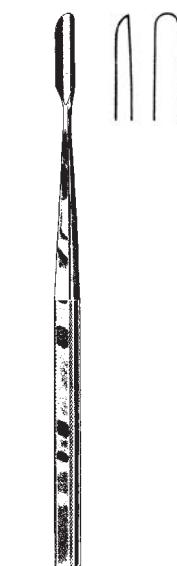
KILLIAN-CLAUS  
47482-05  
17 cm, 6  $\frac{3}{4}$ "



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



WEST  
47486-16  
16 cm, 6  $\frac{1}{4}$ "



WEST  
47487-16  
16 cm, 6  $\frac{1}{4}$ "



FREER  
47489-16  
16 cm, 6  $\frac{1}{4}$ "

Knorpelquetscher  
Cartilage Crusher  
Machacadora de cartílago



COTTLE  
47461-00 7,5 cm, 3"

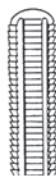
Nasenraspeln  
Nasal Rasps  
Escofinas nasales



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



MALTZ  
47504-18 18 cm, 7"



47507-17



WIENER  
18 cm, 7"



diamantiert  
with diamond coating  
con boca de diamante

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



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

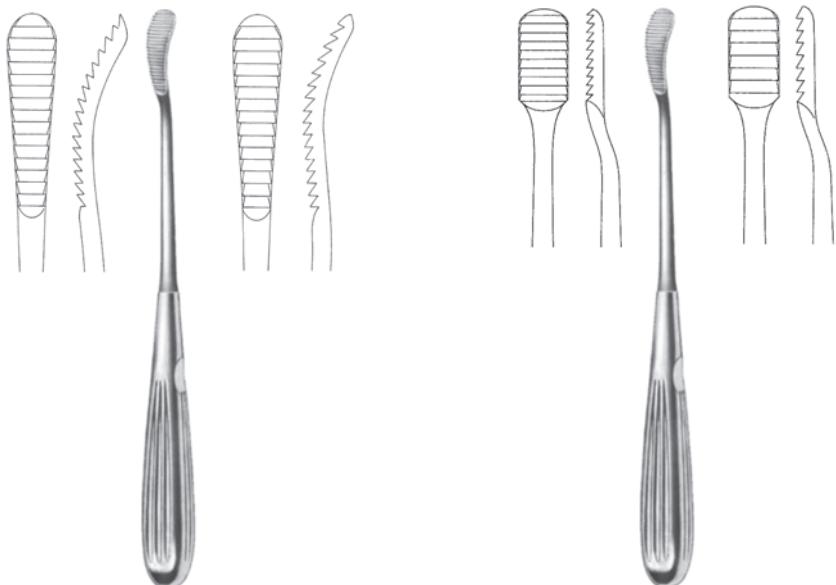


PARKES  
21 cm, 8 1/4"

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

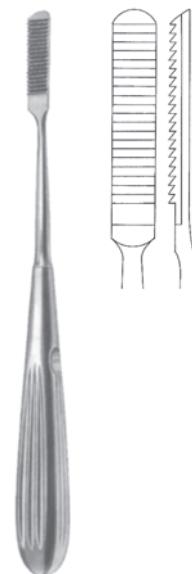
47526-20  
groß, 11 Zähne  
coarse, 11 teeth  
gruesa, 11 dientes

Nasenraspeln  
Nasal Raps  
Escofinas nasales



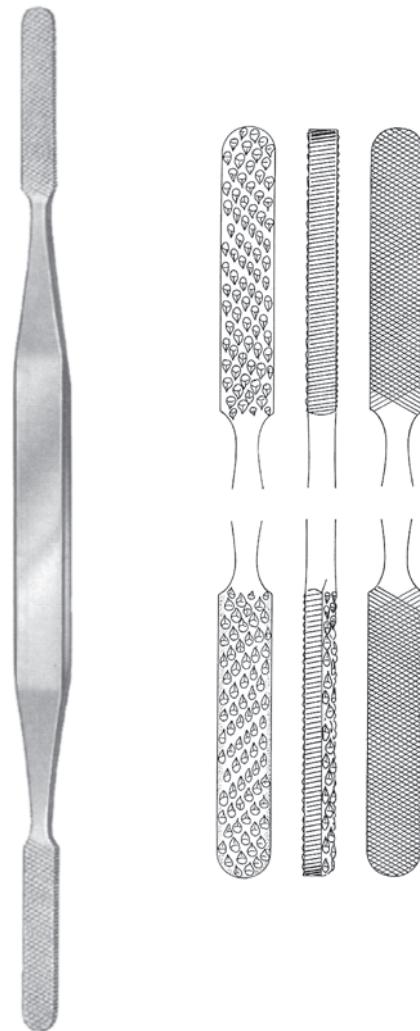
AUFRICHT  
47511-21 21 cm, 8 ¼" 47513-21

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



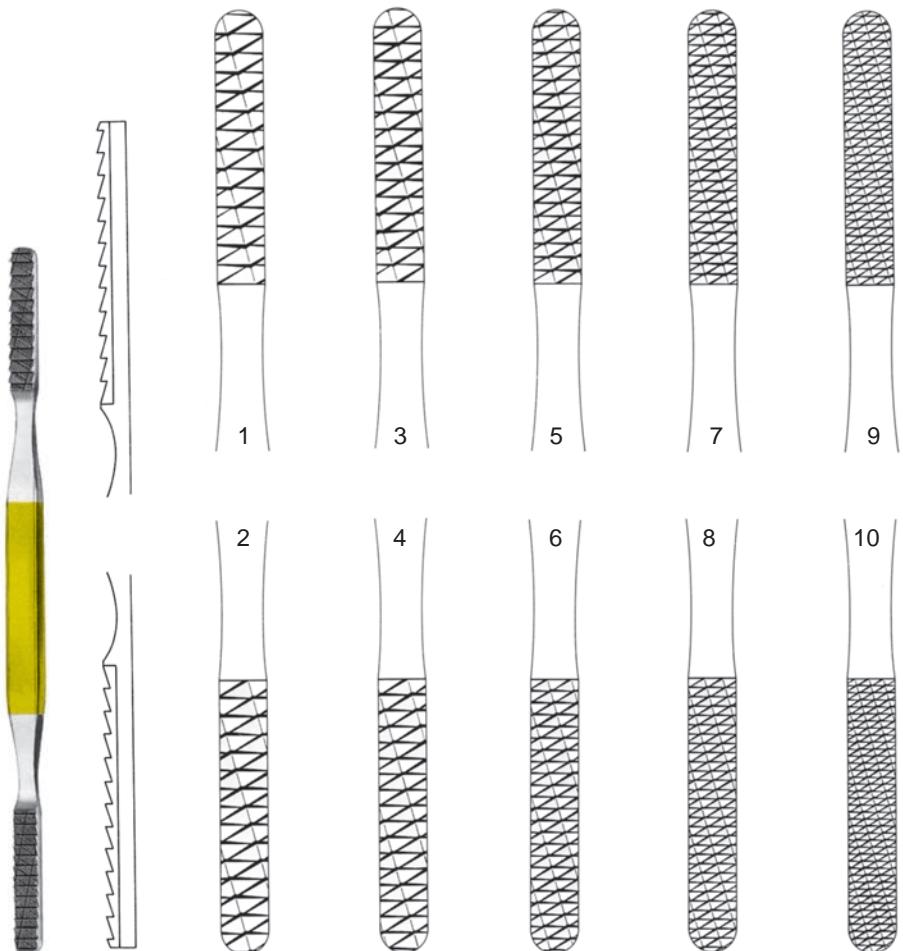
MALTZ (COTTLE)  
47518-21 21 cm, 8 ¼"

Nasenraspel  
Nasal Rasp  
Escofina nasal



FOMON  
47520-21  
21 cm, 8 1/4"

Nasenraspeln  
Nasal Raps  
Escofinas nasales



FOMON  
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  
Nasal Rasps  
Escofinas nasales



MASING  
47528-01  
21 cm, 8 1/4"



MASING  
47528-02  
21 cm, 8 1/4"

Nasenraspeln  
Nasal Rasps  
Escofinas nasales



Fig. 1  
47526-16

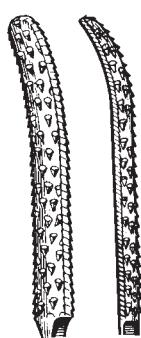


Fig. 2  
47527-16

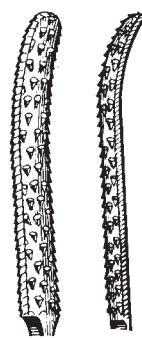
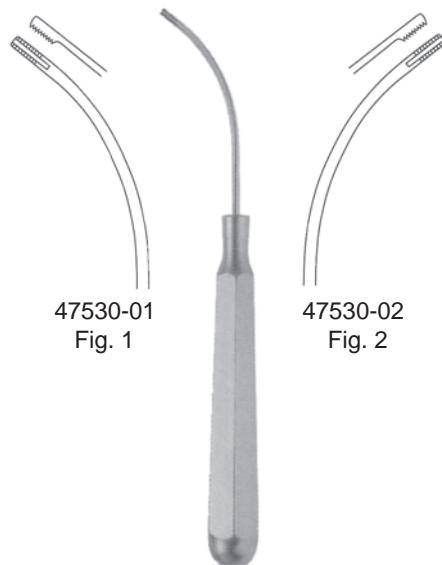


Fig. 3  
47529-16

GALLAHER  
16 cm, 6 1/4"

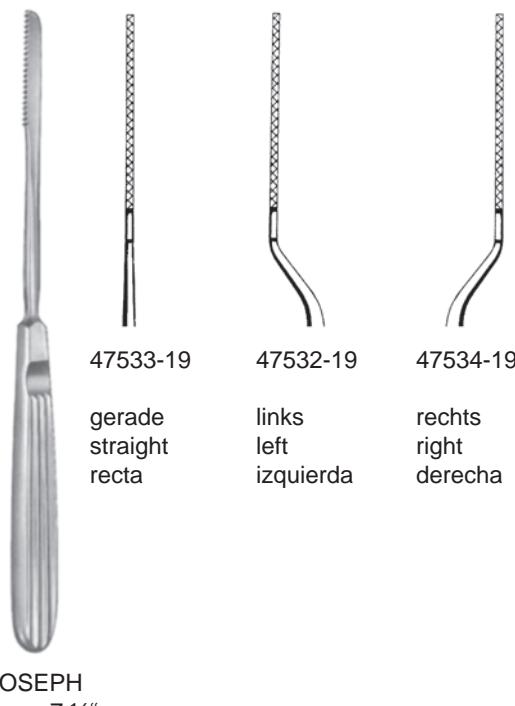
Nasenraspeln, Nasensägen  
Nasal Rasps, Nasal Saws  
Escofinas nasales, Sierras nasales



47530-01  
Fig. 1

47530-02  
Fig. 2

DINGMAN Set  
47530-00  
15 cm, 6"



gerade  
straight  
recta

links  
left  
izquierda

rechts  
right  
derecha

JOSEPH  
19 cm, 7 1/2"

Nasensägen  
Nasal Saws  
Sierras nasales

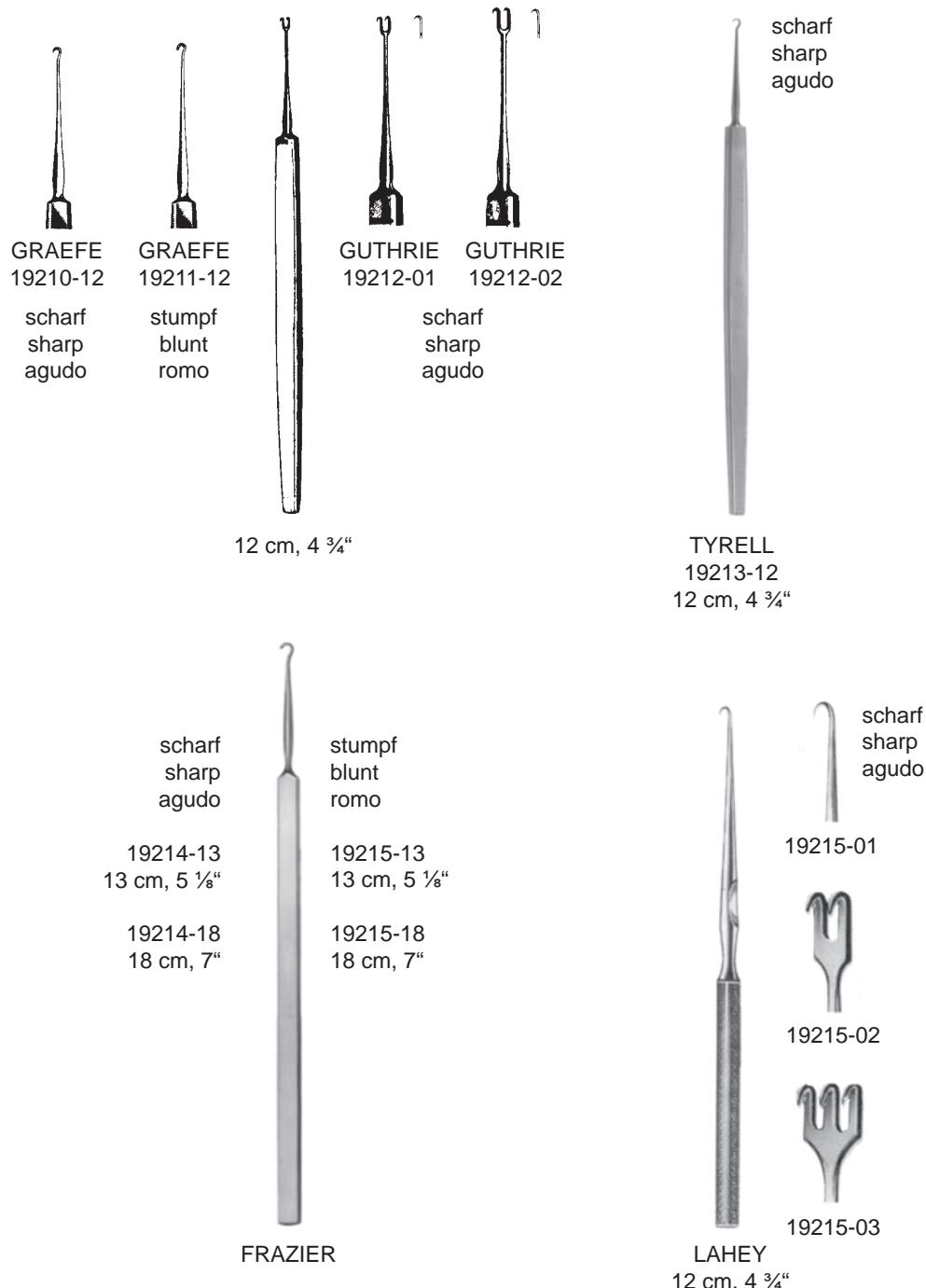


JOSEPH  
47535-01      17 cm, 6 ¾"      47535- 02



LINDEMANN  
47535-20      20 cm, 8"

Feine Wundhähkchen  
Fine Retractors  
Ganchos finos



Feine Wundhäkchen  
Fine Retractors  
Ganchos finos



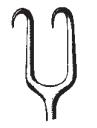
JOSEPH  
16 cm, 6  $\frac{1}{4}$ "



19216-02  
2 mm



19216-07  
7 mm



19216-10  
10 mm



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



19217-03



19217-05



19217-07

Feine Wundhäkchen  
Fine Retractors  
Ganchos finos

3 mm



BARSKY  
19218-01  
15 cm, 6"

3 mm



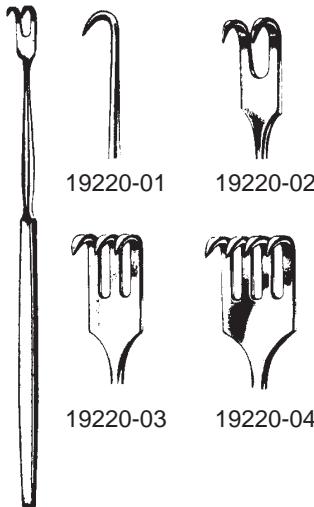
BARSKY  
19218-02  
15 cm, 6"

3 mm

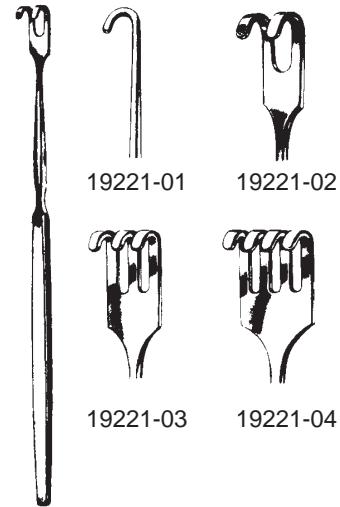


HUMBY  
19218-11  
11,5 cm, 4 1/2"

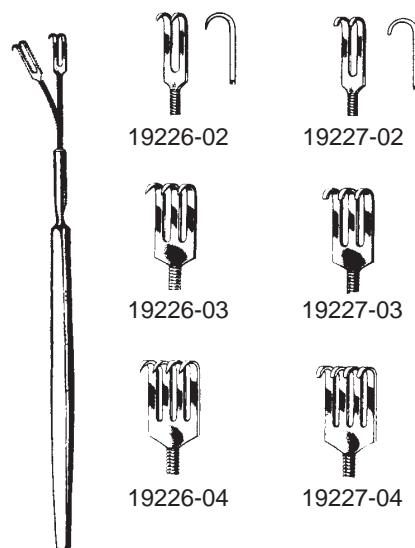
Feine Wundhäkchen  
Fine Retractors  
Ganchos finos



Reda  
16 cm, 6 1/4"



Reda  
16 cm, 6 1/4"



Reda, flexibel  
16 cm, 6 1/4"

Feine Wundhäkchen  
Fine Retractors  
Ganchos finos



spitz  
sharp  
agudo



stumpf  
blunt  
romo

ROLLET

43376-13

13,5 cm, 5 1/4"

KNAPP

43377-13

13 cm, 5 1/8"



45193-01  
2 mm



45193-02  
3 mm



45193-03  
4 mm



BERGMANN  
47569-14  
14 cm, 5 1/2"

Nasenhaken  
Nasal Retractor  
Retractores nasales



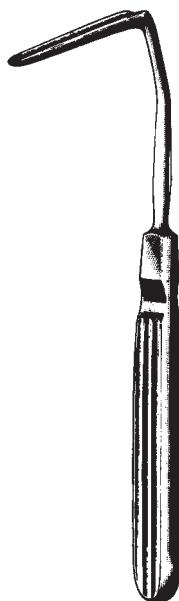
COTTLER  
47540-16  
16 cm, 6  $\frac{1}{4}$ "



MASING  
47541-14  
14 cm, 5  $\frac{1}{2}$ "



AUFRICHT  
47542-12  
12 cm, 4  $\frac{3}{4}$ "



AUFRICHT  
47551-16  
16 cm, 6  $\frac{1}{4}$ "

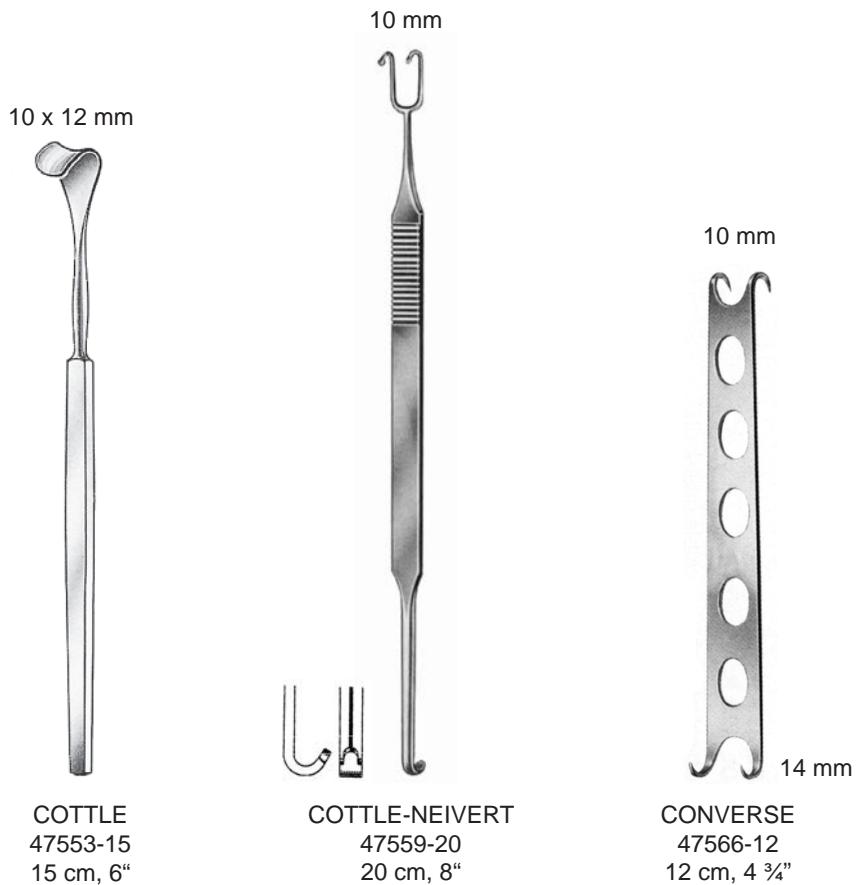


AUFRICHT  
47551-16CL  
16 cm, 6  $\frac{1}{4}$ "



MASING-NEIVERT  
47552-16  
20 cm, 8"

Nasenflügelhäkchen  
Alar Retractor  
Gancho para las alas de la nariz

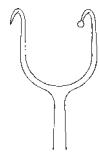


Nasenflügelhäkchen  
Alar Retractor  
Gancho para las alas de la nariz

10 mm



47554-01



47554-02



47554-03

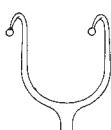
COTTLE  
14,5 cm, 5  $\frac{3}{4}$ "

3 x 11 mm



KILNER  
47555-08  
8 cm, 3  $\frac{1}{8}$ "

10 mm



FOMON  
47556-16  
16 cm, 6  $\frac{1}{4}$ "



FOMON  
47557-17  
17 cm, 6  $\frac{3}{4}$ "

Feine Wundhäkchen  
Fine Retractors  
Ganchos finos



FREER  
47558-15  
15 cm, 6"



GILLIES  
18 cm, 7"



Fig. 1  
47560-18



Fig. 2  
47562-18

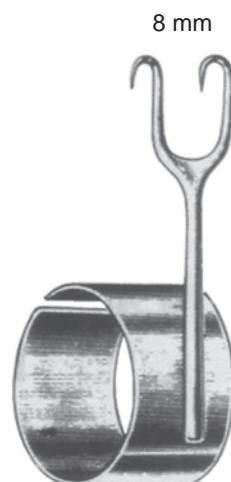


COTTLE  
47564-16  
16 cm, 6 1/4"

Choanahaken, Fingerringhäkchen  
Choana Hook, Retractor with Finger Ring  
Gancho para coanas, Ganchito con anillo

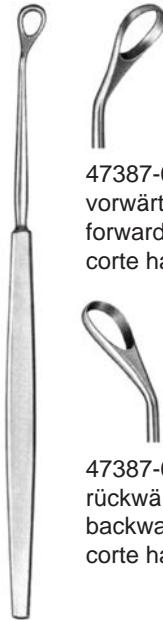


LANGE  
47563-22  
23 cm, 9"



COTTLE  
47568-08

Antrumküretten  
Antrum Curettes  
Curetas para el antro

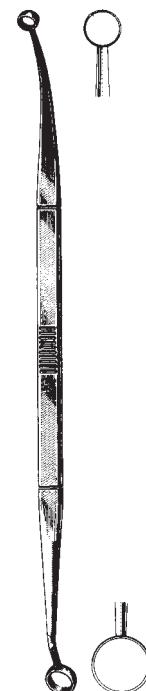


47387-01  
vorwärts schneidend  
forward cutting  
corte hacia adelante



47387-02  
rückwärts schneidend  
backward cutting  
corte hacia atras

ANTRUM  
19 cm, 7 1/2"



FAULKNER  
47601-21  
21 cm, 8 1/4"



COAKLEY  
17 cm, 6 3/4"



47607-01  
Fig. 1



47607-02  
Fig. 2



47607-03  
Fig. 3



47607-04  
Fig. 4



47607-05  
Fig. 5



47607-06  
Fig. 6

Antrum Kürette, Antrumlöffel  
Antrum Curettes  
Cucharillas para antro



Oval



47388-01  
7 mm

47388-02  
8 mm

47388-03  
9 mm

Oval

$30^\circ$



47388-04  
2,5 mm

$45^\circ$



47388-05  
 $\varnothing$  5 mm

20 cm, 8"

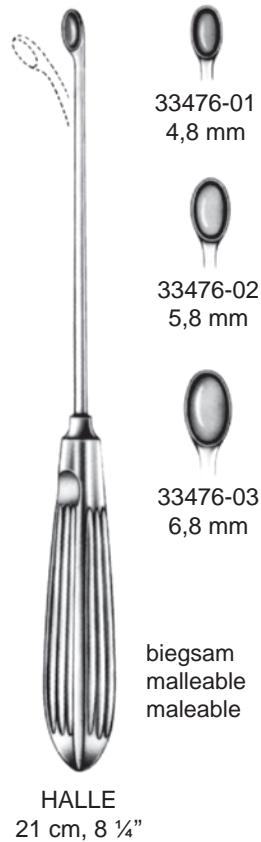


47399-01  
 $55^\circ$

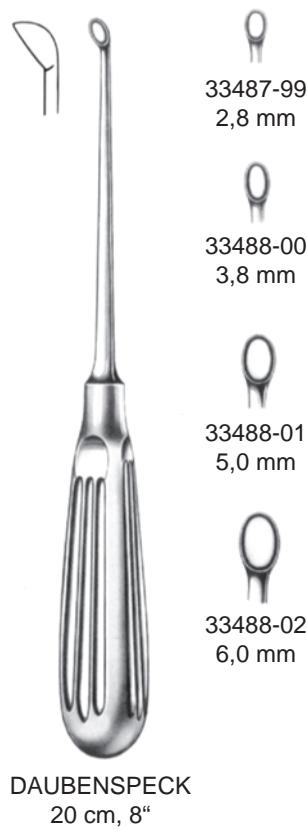
47399-02  
 $90^\circ$

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

Scharfe Löffel  
Bone Curettes  
Cucharillas cortantes



HALLE  
21 cm, 8 1/4"



DAUBENSPECK  
20 cm, 8"

Hämmer  
Bone Mallets  
Martillos

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

Ø 25 mm



33694-02 18,5 cm, 7 1/4"  
1 Nylonbacke  
1 Nylon Cap  
1 tapa de nylon

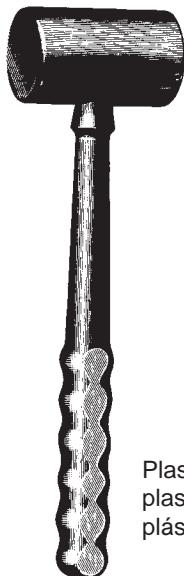
Ø 20 mm



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

Hämmer  
Bone Mallets  
Martillos

Ø 42 mm



Plastik  
plastic  
plástico

33695-40  
26 cm, 10 1/4"  
400 g

Ø 12 mm



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

Ø 22 mm



PARTSCH  
33698-98  
18 cm, 7" 199 g

Ø 30 mm



COTTLE  
33700-05  
18 cm, 7" 240 g

Nasensonde, Dilatatoren  
Nasal Probe, Dilators  
Sondas nasales, Dilatadores



RITTER-HALLE  
16 cm, 6  $\frac{1}{4}$ "  
47342-25 Ø 2,5 mm  
47342-30 Ø 3,0 mm  
47342-40 Ø 4,0 mm



SINUS  
47420-03  
18 cm, 7"



FRONTAL  
47427-21  
21 cm, 8  $\frac{1}{2}$ "



WILDER  
43602-01



WILDER  
43602-02



WILDER  
43602-03

Sonden  
Probes  
Sondas

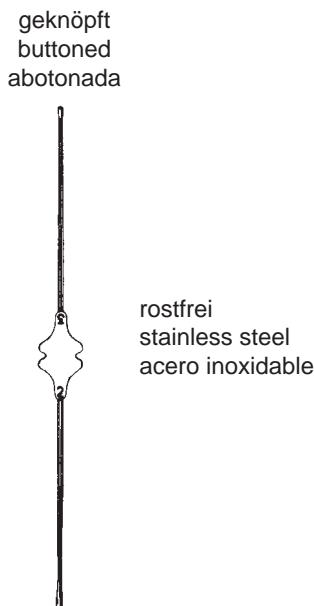
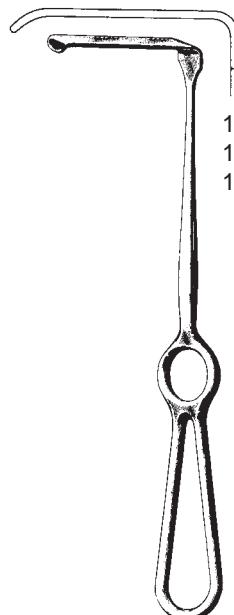


Fig.	BOWMAN	Ø mm
0000/000	43613-00	0,6/0,7
00/0	43614-00	0,7/0,8
0/1	43614-01	0,8/0,9
1/2	43614-12	0,9/1,1
2/3	43614-23	1,1/1,3
3/4	43614-34	1,3/1,4
4/5	43614-45	1,4/1,5
5/6	43614-56	1,5/1,6
6/7	43614-67	1,6/1,8
7/8	43614-78	1,8/1,9

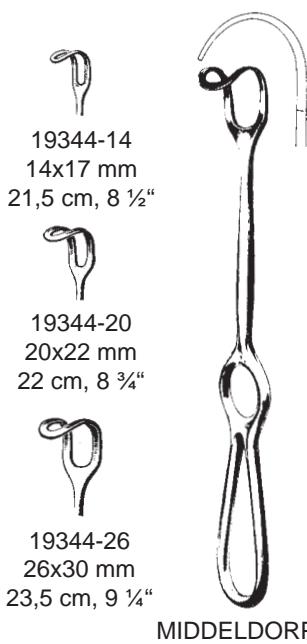
Wundhaken  
Retractors  
Separadores



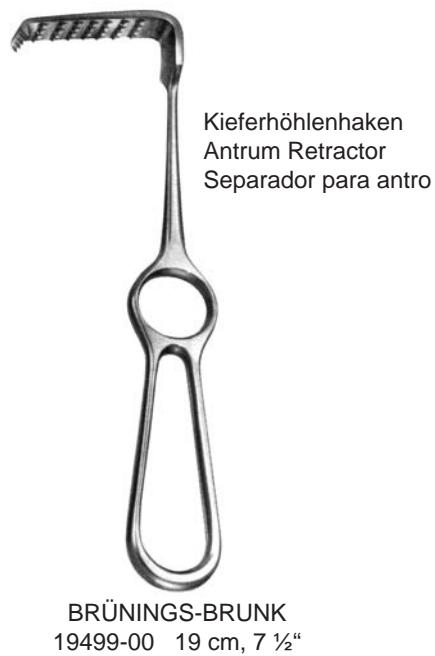
ROUX BABY  
19122-13  
13 cm, 5  $\frac{1}{8}$ "



KOCHER-LANGENBECK  
21 cm, 8  $\frac{1}{4}$ "



MIDDELDORFF

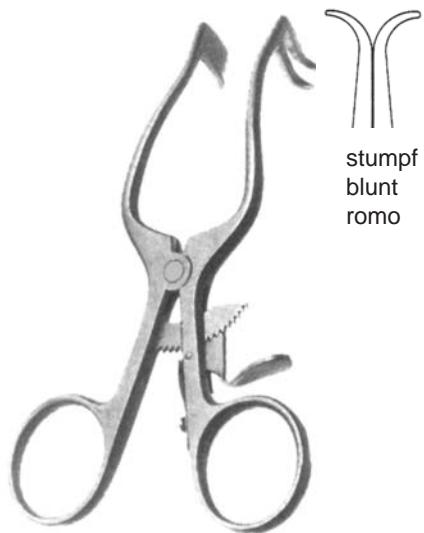


BRÜNING'S-BRUNK  
19499-00 19 cm, 7  $\frac{1}{2}$ "

Wundspreizer  
Self-retaining Retractors  
Separadores autoestáticos



PLESTER  
19672-11  
11 cm, 4  $\frac{3}{8}$ "



PLESTER  
19673-11  
11 cm, 4  $\frac{3}{8}$ "



PLESTER  
19677-10 10 cm, 4"  
19677-13 13 cm, 5  $\frac{1}{8}$ "

Wundspreizer  
Self-retaining Retractors  
Separadores autoestáticos



FISCH  
19690-17  
17 cm, 6  $\frac{3}{4}$ "



FISCH  
19691-17  
17 cm, 6  $\frac{3}{4}$ "



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



## **ADENOTOMIE UND TONSILLEKTOMIE**

## **ADENOTOMY AND TONSILLECTOMY**

## **ADENOTOMÍA Y TONSILECTOMÍA**



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Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!

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

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

Zungenspatel, Wangen- und Lippenhalter  
Tongue Depressors, Cheek and Lip Retractors  
Baja-lenguas, Separadores para labios y mejillas



Holz  
wood  
madera

49102-16  
16 cm, 6  $\frac{1}{4}$ "  
Pack. à 100

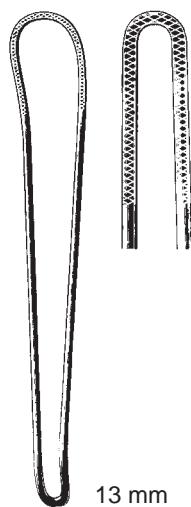
19 mm



KROENIG  
49104-15  
15 cm, 6"

23 mm

23 mm



FRENZEL  
49105-16  
16,5 cm, 6  $\frac{1}{2}$ "

13 mm



16 mm



15 mm

19 mm



20 mm

CAWOOD-MINNESOTA  
49108-15  
15 cm, 6"



23 mm

19 mm

49106-01  
14,5 cm, 5  $\frac{3}{4}$ "

BRUENINGS  
49107-19  
19 cm, 7  $\frac{1}{2}$ "

CAWOOD-MINNESOTA  
49108-15  
15 cm, 6"

BUCHWALD  
49109-19  
19 cm, 7  $\frac{1}{2}$ "

Zungendrücker  
Tongue Depressors  
Baja-lenguas



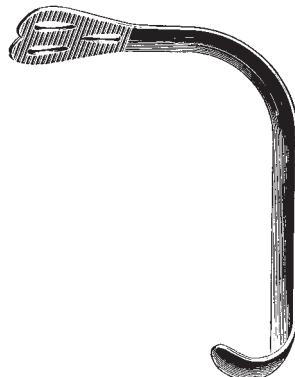
MORITZ-SCHMIDT  
49110-19  
19 cm, 7 1/2"



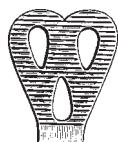
HARTMANN  
49111-15  
15 cm, 6"



49115-01  
Fig. 1  
14 cm, 5 1/2"



WIEDER  
49115-01 - 49115-02

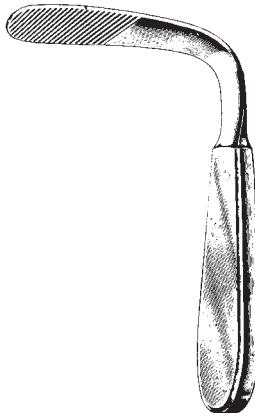


49115-02  
Fig. 2  
15 cm, 6"

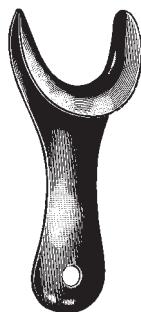


ANDREW  
49117-11  
11 cm, 4 3/8"

Zungendrücker, Wangen- und Lippenhalter, Zungenzangen  
Tongue Depressor, Cheek and Lip Retractor, Tongue Holding Forceps  
Baja-lenguas, Separadores para labios y mejillas, Pinza tira-lenguas



TOBOLD  
49119-14  
14,5 cm, 5 ¾"



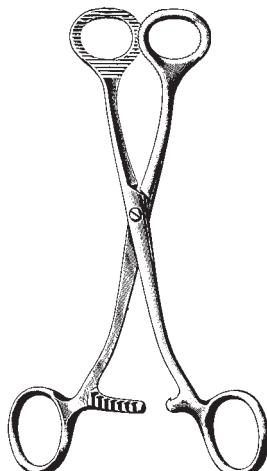
49230-11  
11 cm, 4 ⅞"



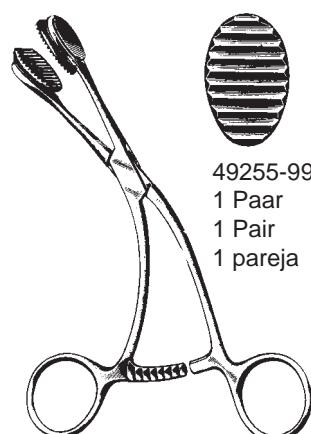
STERNBERG  
49231-12 12 cm, 4 ¾"  
49231-14 14 cm, 5 ½"  
49231-16 16 cm, 6 ¼"



49235-19  
19 cm, 7 ½"

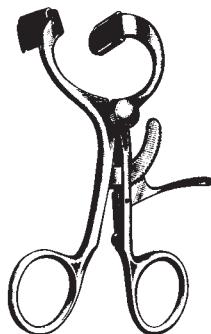


COLLIN  
49250-16 16 cm, 6 ¼"  
49250-18 18 cm, 7"

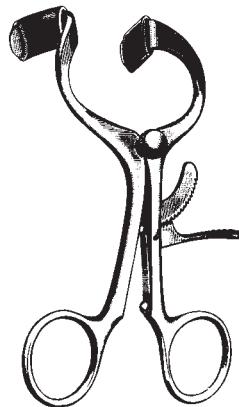


YOUNG  
49255-16  
16 cm, 6 ¼"

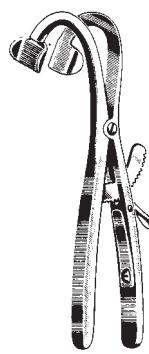
Mundsperrer  
Mouth Gags  
Abre-Bocas



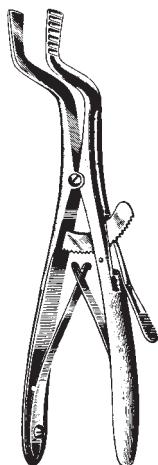
DOYEN-JANSEN (MOLT)  
49265-12  
12 cm, 4  $\frac{3}{4}$ "



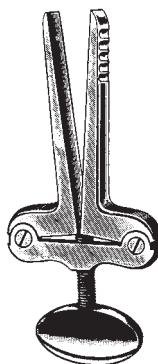
DOYEN-JANSEN (MOLT)  
49265-14  
14 cm, 5  $\frac{1}{2}$ "



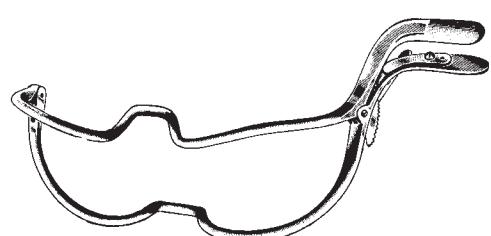
DENHART  
49267-12  
12 cm, 4  $\frac{3}{4}$ "



ROSER-KOENIG  
49270-16 16 cm, 6  $\frac{1}{4}$ "  
49270-19 19 cm, 7  $\frac{1}{2}$ "

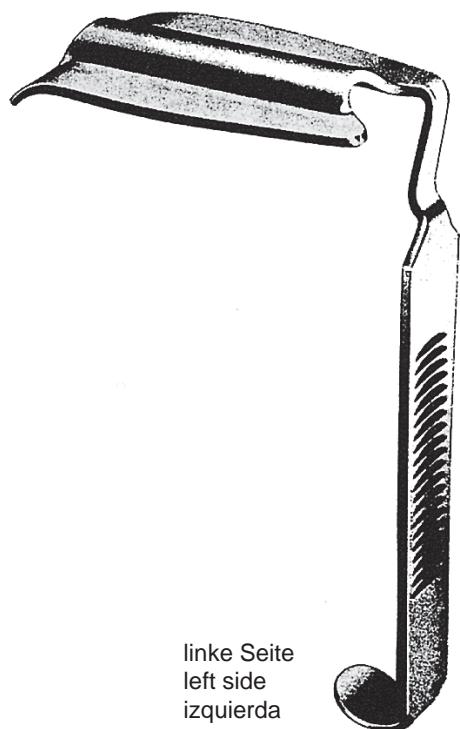


HEISTER  
49272-13  
13 cm, 5  $\frac{1}{8}$ "



JENNINGS  
49274-09 9 cm, 3  $\frac{1}{2}$ "  
49274-11 11 cm, 4  $\frac{5}{8}$ "  
49274-13 13 cm, 5  $\frac{1}{8}$ "  
49274-15 15 cm, 6"

Zungenspatel  
Tongue Depressor  
Baja-lengua



linke Seite  
left side  
izquierda

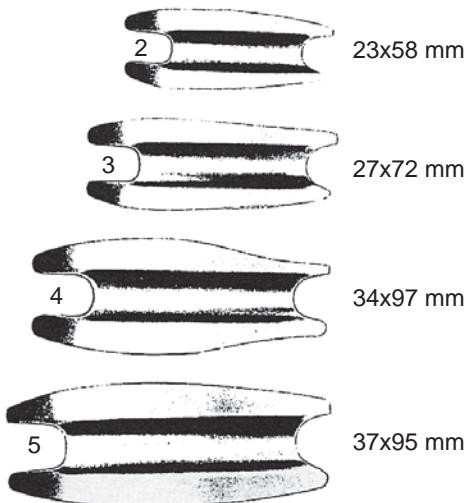
rechte Seite  
right side  
derecha

RING

49287-02  
49287-03  
49287-04  
49287-05

Fig. 2  
Fig. 3  
Fig. 4  
Fig. 5

49288-02  
49288-03  
49288-04  
49288-05



Zungenspatel  
Tongue Depressor  
Baja-lengua



DAVIS-BOYLE

Mundsperrer  
Mouth Gags  
Abre-Bocas



für Erwachsene  
for adults  
para adultos

für Kinder  
for children  
para niños

links  
left  
izquierda

49310-10

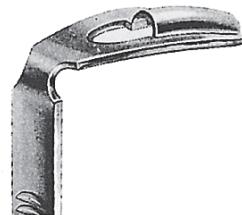
49310-11

rechts  
right  
derecha

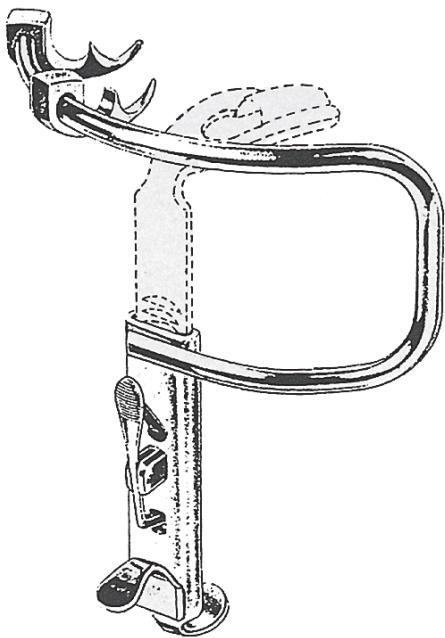
49310-12

49310-09

Mundsperrer  
Mouth Gag  
Abre-Bocas



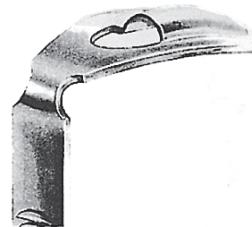
49315-01  
37 x 80 mm  
Fig. 1



49315-10  
Sperrer allein  
Mouth Gag only  
Abre-boca suelto

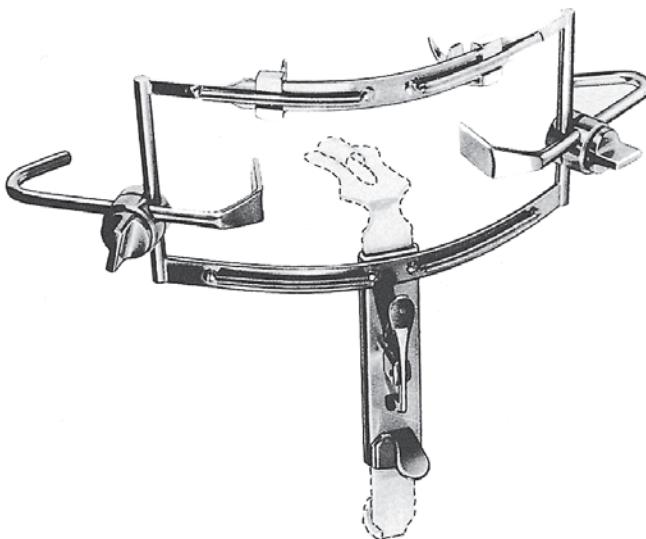


KILNER-DOUGHTY  
49315-00  
compl.  
Fig. 2

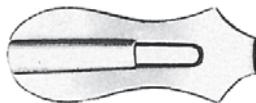


49315-03  
28 x 65 mm  
Fig. 3

Mundsperrer  
Mouth Gag  
Abre-Bocas



DINGMANN  
49317-10  
Sperrer allein / Mouth Gag only  
Abre-boca suelto



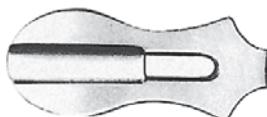
1 24x62 mm  
49317-01

**49317-00 DINGMANN, compl.**

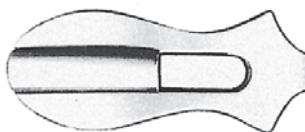
mit 3 auswechselbaren Zungendrückern,  
2 seitliche Wangenhaken und 2 Zahnhaken

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

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



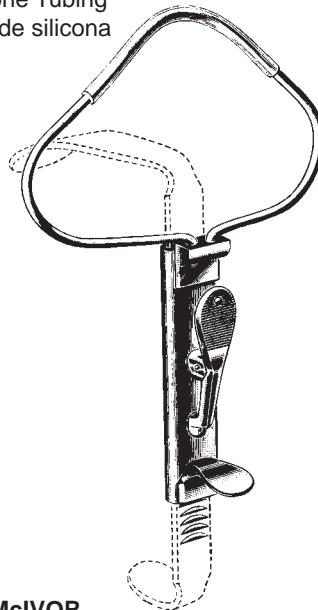
2 28x65 mm  
49317-02



3 31x75 mm  
49317-03

Mundsperrer, Gaumenplatte  
 Mouth Gags, Palate Blade  
 Abre-Bocas, placa para el paladar

49320-20  
 Silikon-Schlauch  
 Silicone Tubing  
 tubo de silicona

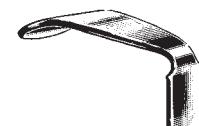


**McIVOR**  
 49320-00  
 compl.

49320-10

49320-01  
 27x95 mm Fig. 1

49320-02  
 22x85 mm Fig. 2



49320-03  
 22x70 mm Fig. 3



**DAVIS-MEYER**  
 49340-00

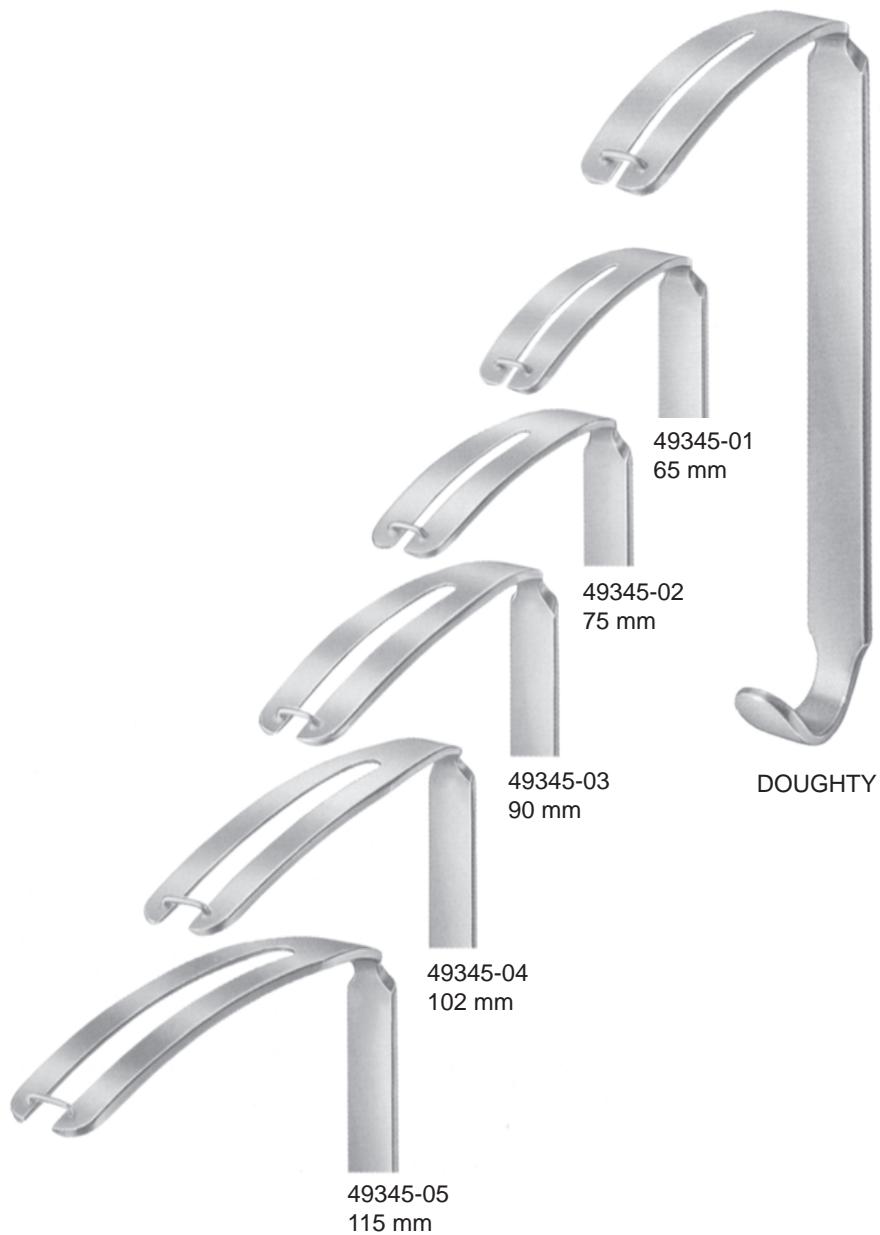


49341-00

Zungenspatel  
Tongue Blades  
Baja-lenguas



Zungenspatel  
Tongue Blades  
Baja-lenguas



Mundkeil, Bruststütze  
Oral Wedges, Chest Support  
Abre-Bocas, Soporte de pecho

Holz  
wood  
madera

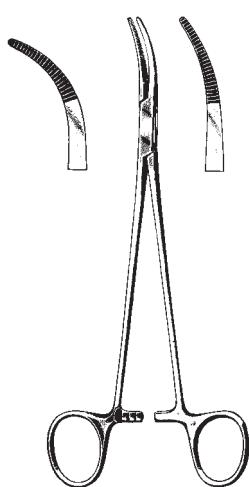


MAUNDER  
49360-10

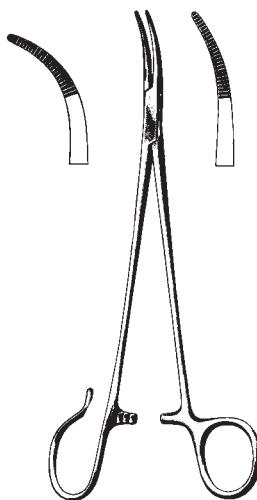


NEGUS  
49400-01

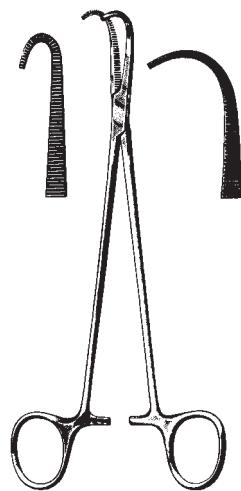
Tonsillenzangen  
Tonsil Forceps  
Pinzas para coger las amígdalas



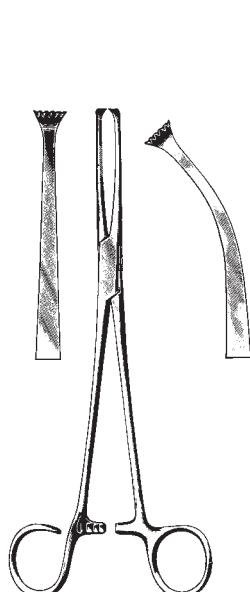
19 cm, 7 1/2"  
SAWTELL      SCHNIDT  
51181-19      51183-19



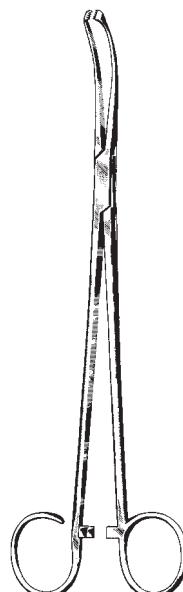
19 cm, 7 1/2"  
SAWTELL      SCHNIDT  
51185-19      51187-19



19 cm, 7 1/2"  
NEGUS      NEGUS  
51191-19      51193-19

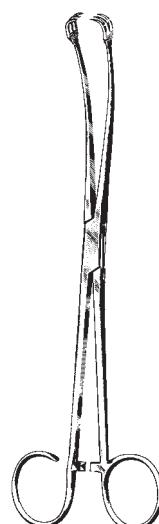


19 cm, 7 1/2"  
COLVER  
51202-19      51203-19

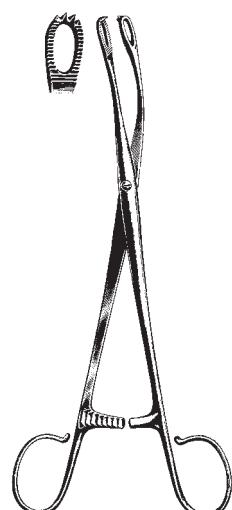


WHITE      18 cm, 7"  
51205-18      51205-23

                23 cm, 9"



BALLENGER  
51207-21  
21,5 cm, 8 1/2"

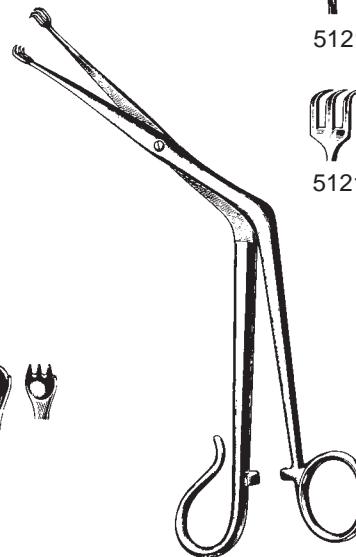


BLOHMKE  
51209-20  
20 cm, 8"

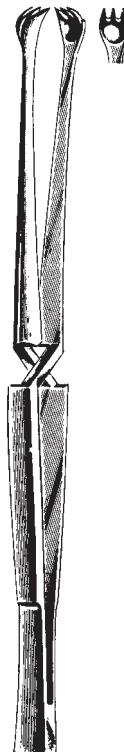
Tonsillenzangen, Tonsillenpinzette  
Tonsil Forceps  
Pinzas para amígdalas



ABRAHAM  
51210-20  
20 cm, 8"



TYDING  
21 cm, 8 1/4"



MARSCHIK  
51219-22  
22 cm, 8 3/4"

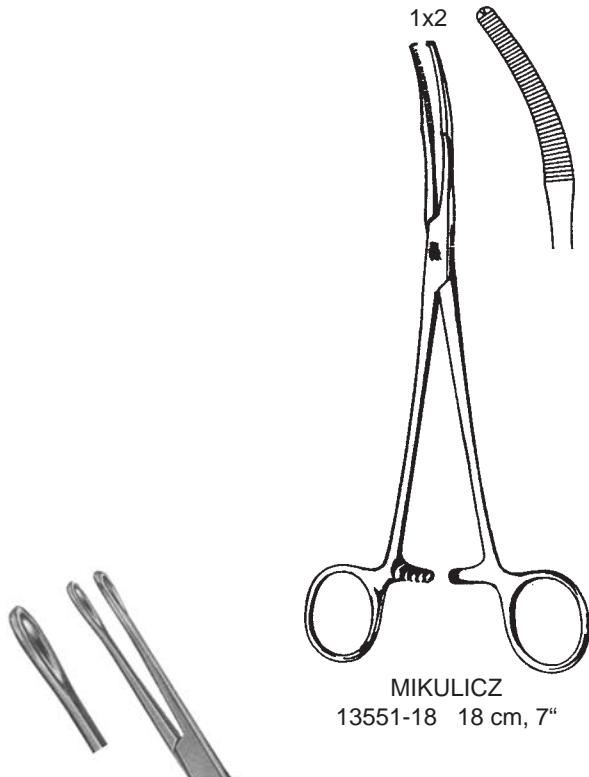


51211-21



51213-21

Tonsillenkleme, Tonsillenzange  
Tonsil Forceps  
Pinzas para amígdalas

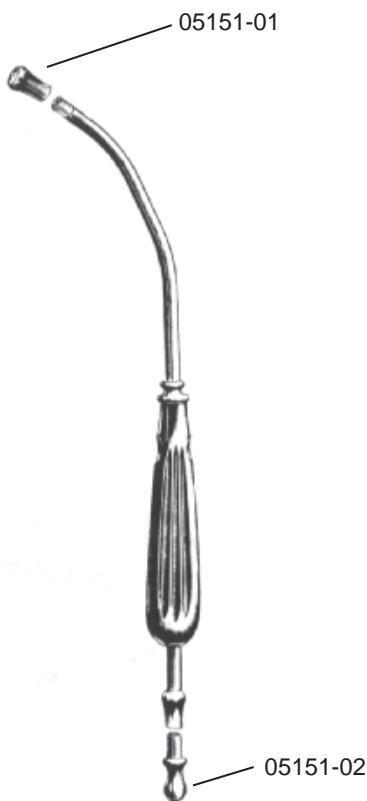


Tonsillenabszeßzange  
Tonsil Abscess Forceps  
Pinza para abscesos  
en amígdalas

DENIS BROWNE  
51214-20 20 cm, 8"

THILENIUS  
51215-20 19 cm, 7 ½"

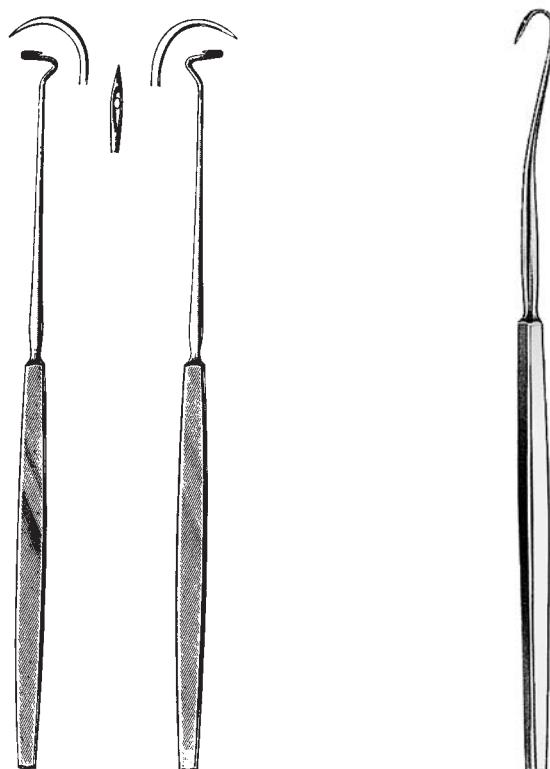
Saugrohr  
Suction Tube  
Tubo de succion



BABY-YANKAUER  
05150-21 21 cm, 8 ¼"

YANKAUER, compl.  
05150-27 27 cm, 10 ½"

Tonsillennadeln  
Tonsil Needles  
Agujas para amígdalas



DUPUY-WEISS  
51165-22 51167-22  
22 cm 8  $\frac{3}{4}$ "

CLAUS  
51168-23  
23 cm 9"

Tonsillennadeln, Tonsillenmesser  
Tonsil Needles, Tonsil Knives  
Agujas para amígdalas, Bisturies para amígdalas



NAGER  
51170-24  
24 cm 9 ½"



FISHER  
51171-22  
22,5 9"

Tonsillenmesser  
Tonsil Knives  
Bisturies para amígdalas



ABRAHAM  
51172-19  
19 cm, 7 1/2"



ABRAHAM  
51173-21  
21 cm, 8 1/4"

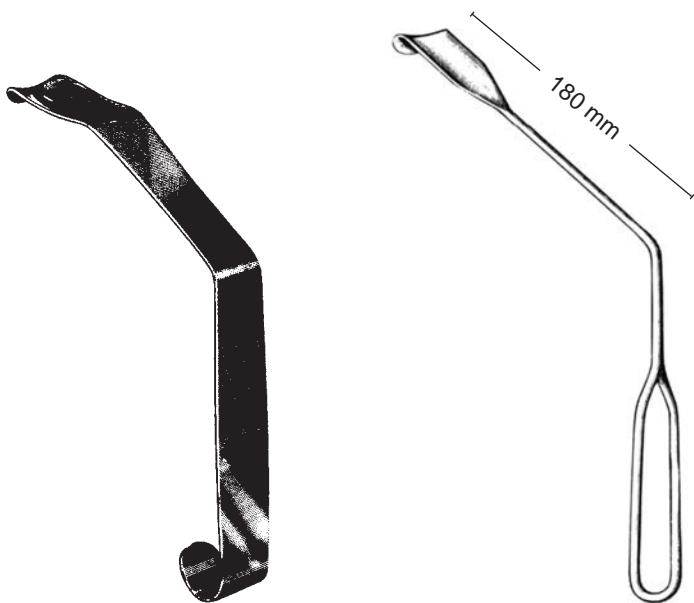


CANFIELD  
51174-21  
21 cm, 8 1/4"



BRUENINGS  
51177-23  
23 cm, 9"

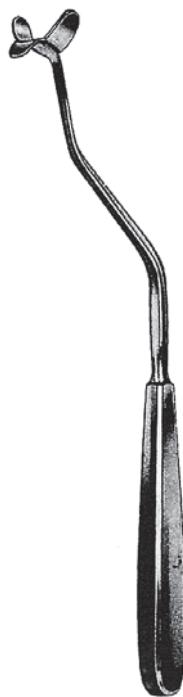
Uvulahaken  
Uvula Retractors  
Separadores uvulares



LOVE 15 cm, 6"  
51103-18 18 mm  
51103-20 20 mm  
51103-22 22 mm

LOTHROP  
51104-18 18 mm

Gaumensegelhalter  
Soft Palate Retractors  
Separadores para la vela palatina



HOFER  
51109-24  
24 cm, 9 1/2"



NAGER  
51111-23  
23 cm, 9"

Tonsillenelevatorien, Tonsillendissektoren  
Tonsil Elevators, Tonsil Dissectors  
Elevadores/disectores para amígdalas

12 mm

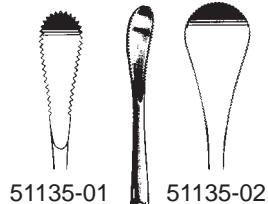


10 mm

HURD  
51131-22  
22 cm, 8 1/4"



LOPEZ-REINKE  
51133-23  
23 cm, 9"



51135-01

51135-02

6 mm

YANKAUER  
51134-21  
21 cm, 8 1/4"

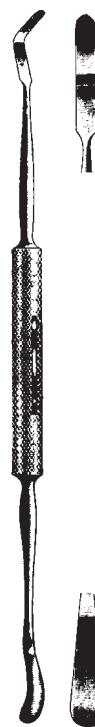


HENKE  
23 cm, 9"

ALDERDYCE  
33761-21  
21 cm, 8 1/4"

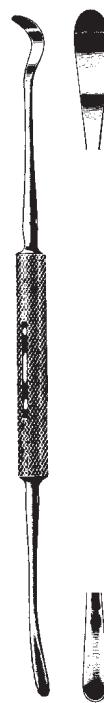


Tonsillendissektoren  
Tonsil Dissectors  
Dissectores para amígdalas



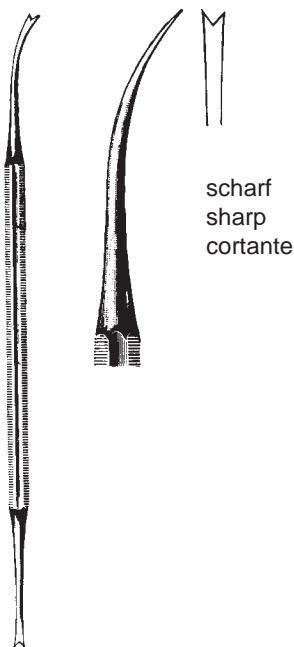
Enukleator  
Enucleator  
Enucleador

CARPENTER  
51139-25  
25 cm, 10"



CARPENTER  
51143-24  
24 cm, 9 1/2"

Tamponstopfer  
Gauze Packer  
Tamponador tonsilar



scharf  
sharp  
cortante

LUNIATSCHEK  
51151-19  
19 cm, 7 1/2"

Speichelgangsonde  
Salivary Duct Probe  
Sonda para el canal de saliva

geknöpft  
buttoned  
abotonada

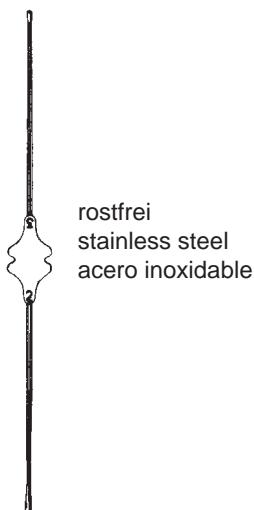


Fig.	BOWMAN	Ø mm
0000/000	43613-00	0,6/0,7
00/0	43614-00	0,7/0,8
0/1	43614-01	0,8/0,9
1/2	43614-12	0,9/1,1
2/3	43614-23	1,1/1,3
3/4	43614-34	1,3/1,4
4/5	43614-45	1,4/1,5
5/6	43614-56	1,5/1,6
6/7	43614-67	1,6/1,8
7/8	43614-78	1,8/1,9

Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes



POTTS-SMITH

11112-18	18 cm, 7"	11116-18 TC
11112-21	21 cm, 8 ¼"	11116-21 TC
11112-25	25 cm, 10"	11116-25 TC



POTTS-SMITH

11126-18	18 cm, 7"
11126-21	21 cm, 8 ¼"
11126-25	25 cm, 10"

1x2

Tupferzangen  
Dressing Forceps  
Pinzas porta-esponjas



DUPPLAY  
17131-21 21 cm, 8  $\frac{1}{4}$ "

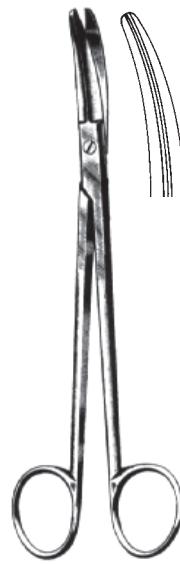


17133-17 17 cm, 6  $\frac{3}{4}$ "

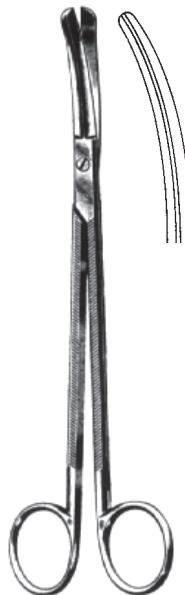
Tonsillenscheren  
Tonsil Scissors  
Tijeras para amígdalas



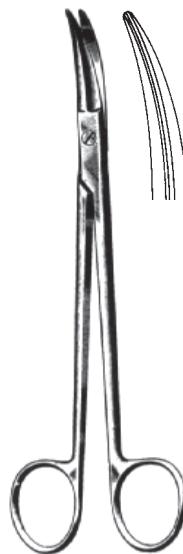
— DEAN —  
09425-17      09427-17  
17 cm, 6  $\frac{3}{4}$ "



BOETTCHER  
09435-18  
18 cm, 7"

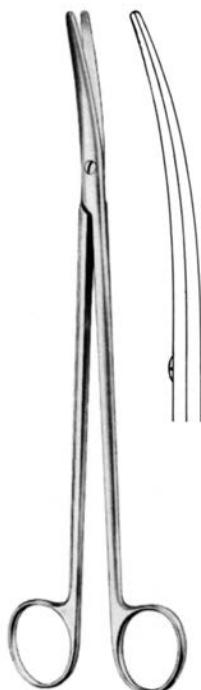


GOOD  
09437-19  
19 cm, 7  $\frac{1}{2}$ "



PRINCE  
09439-17  
17 cm, 6  $\frac{3}{4}$ "

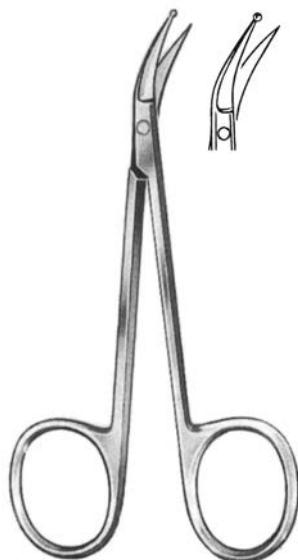
Präparierscheren  
Dissecting Scissors  
Tijeras de disección



METZENBAUM

09281-12	09285-12 TC
12 cm	4 $\frac{3}{4}$ "
09281-15	09285-15 TC
15 cm	6"
09281-18	09285-18 TC
18 cm	7"
09281-20	09285-20 TC
20 cm	8"
09281-23	09285-23 TC
23 cm	9"
09281-25	09285-25 TC
25 cm	10"
09281-28	09285-28 TC
28 cm	11"
09281-30	09285-30 TC
30 cm	12"

Speichelgangschere  
Salival Scissors  
Tijeras para el canal de saliva



PERWITZSCHKY  
09364-10  
10 cm, 4"

Draht-, Blechscheren  
Wire and Plate Scissors  
Tijeras para alambre y láminas

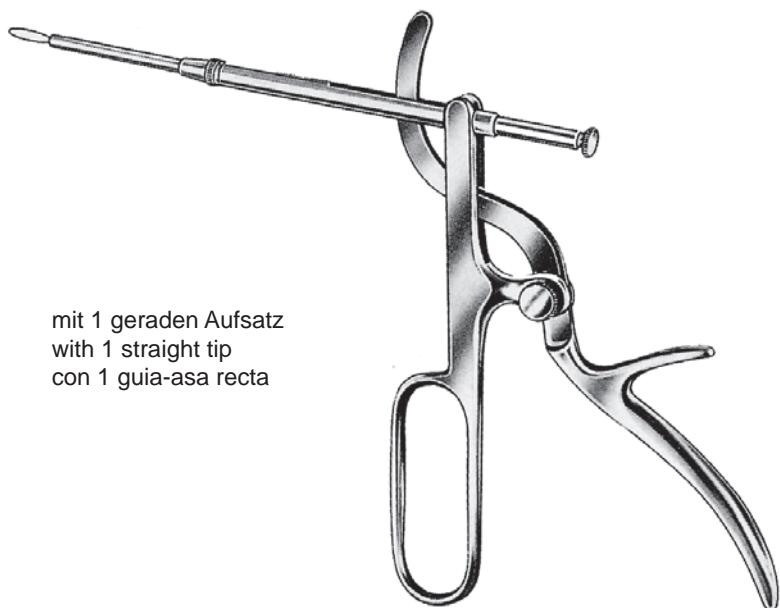


UNIVERSAL

09831-12 12 cm, 4 ¾"

**09835-12 TC 12 cm, 4 ¾"**

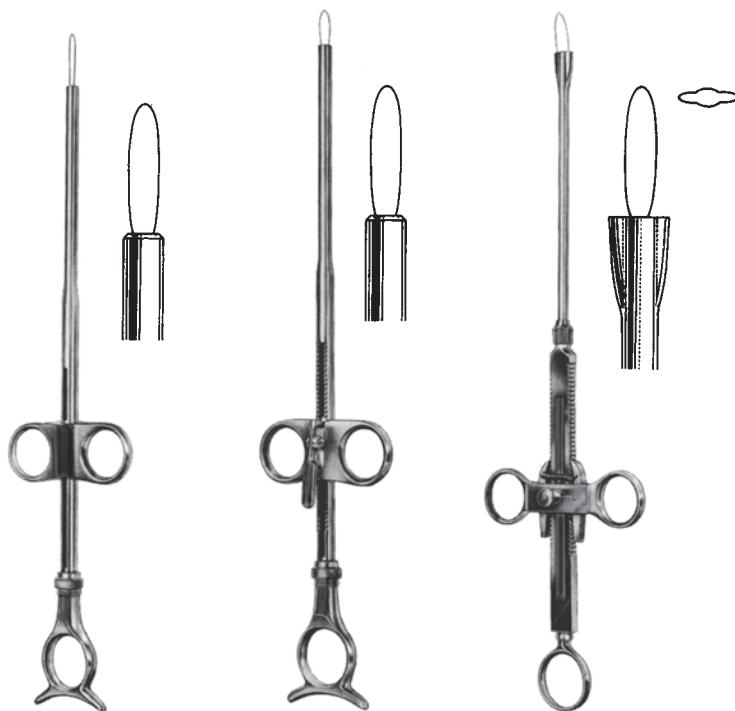
Tonsillenschnürer  
Tonsil Snares  
Cierranudos para amígdalas



mit 1 geraden Aufsatz  
with 1 straight tip  
con 1 guia-asa recta

TYDING  
51260-00

Tonsillenschnüller  
Tonsil Snares  
Cierranudos para amígdalas

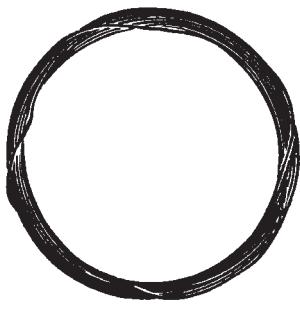


EVES  
51250-28  
28 cm, 11"

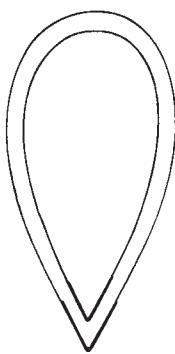
EVES  
51252-28  
28 cm, 11"

BRUENINGS  
51256-28  
28 cm, 11"

Tonsillendraht  
Tonsil Wire  
Hilos para amígdalas



mm Ø  
34520-02 0,2  
34520-03 0,3  
34520-04 0,4

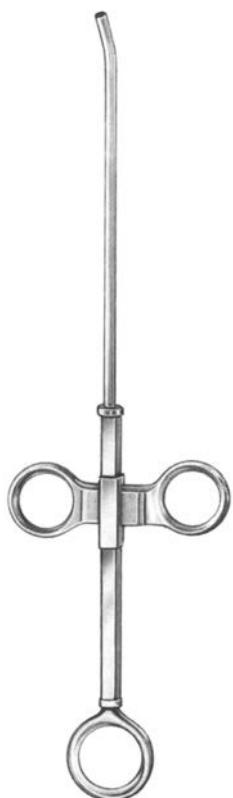


51257-40 40 mm  
51257-50 50 mm  
Pack of 100 pcs



51259-03 0,3 mm  
51259-04 0,4 mm  
51259-05 0,5 mm  
Pack of 12 pcs

Tonsillenschnüller  
Tonsil Snares  
Cierranudos para amígdalas



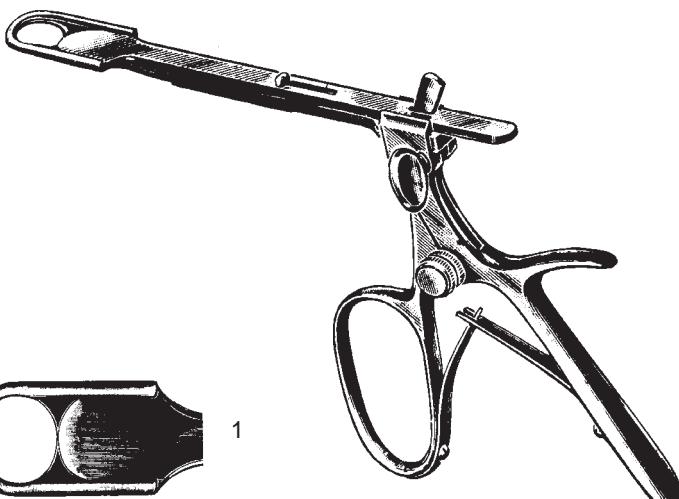
ROEDER "E"  
51265-00  
27 cm, 10  $\frac{3}{4}$ "

Fadengabel  
Knot Tier  
Horquilla de hilos



NEGUS  
51176-20  
20,5 cm, 8"

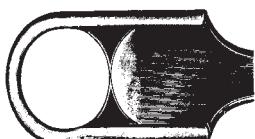
Tonsillotom  
Tonsillectome  
Amigdalótomo



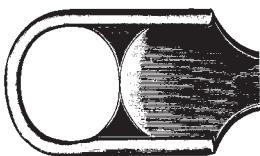
1



2



3

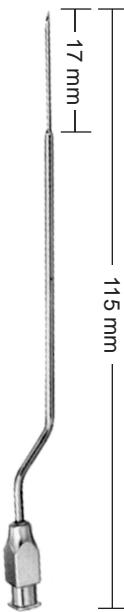


SLUDER-BALLENGER  
51270-00  
mit 3 Aufsätzen  
with 3 blades  
con 3 hojas

Septum Nadeln, Spritzen  
Septum Needles, Syringes  
Agujas para septum, Jeringas



51291-00  
2,5 mm Ø



51293-00  
0,8 mm Ø



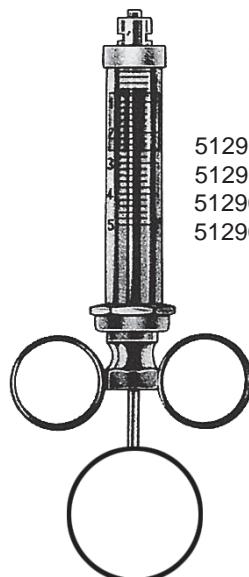
51293-90  
90°



51293-45  
45°

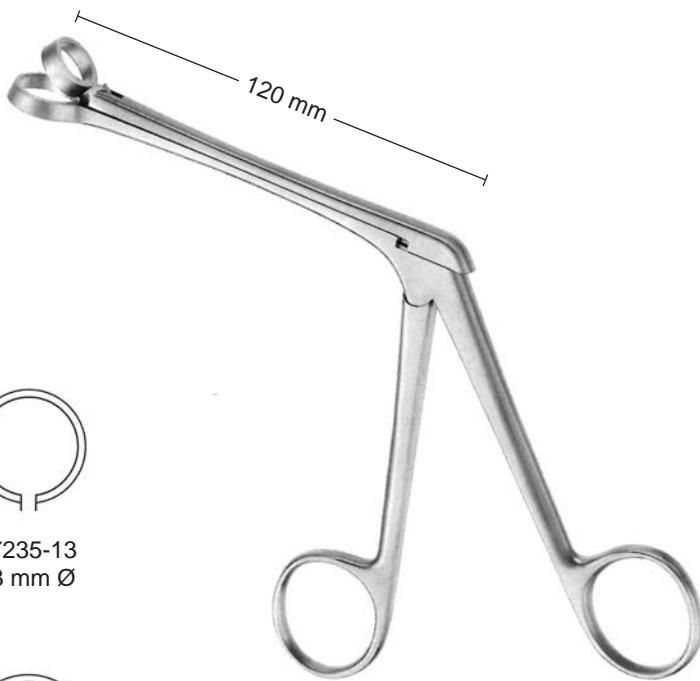


51292-00



Tonsillenzangen  
Tonsil Punches  
Pinzas para amígdalas

scharf  
sharp  
cortante



47235-13  
13 mm Ø



47235-15  
15 mm Ø

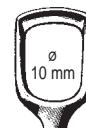
Ringmesser  
Adenoid Curettes  
Cuchillos para vegetaciones adenoideas



BECKMANN  
22 cm, 8 ¾"



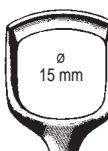
47620-00  
Fig. 0



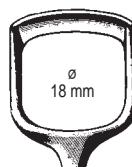
47620-01  
Fig. 1



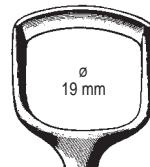
47620-02  
Fig. 2



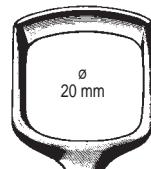
47620-03  
Fig. 3



47620-04  
Fig. 4



47620-05  
Fig. 5



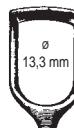
47620-06  
Fig. 6



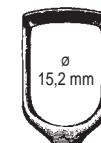
BARNHILL  
21 cm, 8 ¼"



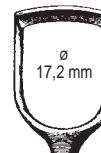
47630-00  
Fig. 0



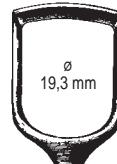
47630-01  
Fig. 1



47630-02  
Fig. 2



47630-03  
Fig. 3

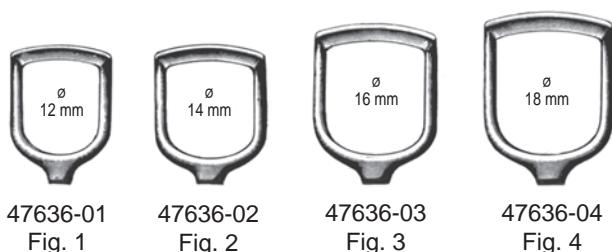


47630-04  
Fig. 4

Ringmesser, Adenotome  
 Adenoid Curettes, Adenotomes  
 Cuchillos para vegetaciones adenoideas, Adenotomos



St. CLAIR-THOMSON  
21 cm, 8 1/4"

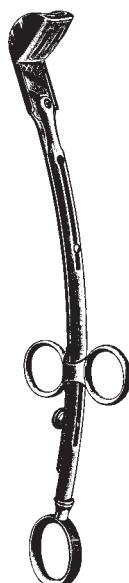


47636-01  
Fig. 1

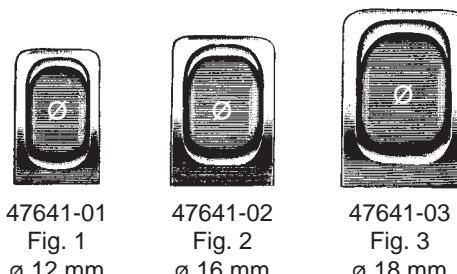
47636-02  
Fig. 2

47636-03  
Fig. 3

47636-04  
Fig. 4



LAFORCE  
25 cm, 10"



47641-01  
Fig. 1  
ø 12 mm

47641-02  
Fig. 2  
ø 16 mm

47641-03  
Fig. 3  
ø 18 mm

Ersatzklingen allein, gelocht  
Spare blades, perforated  
Hojas de repuesto, perforadas

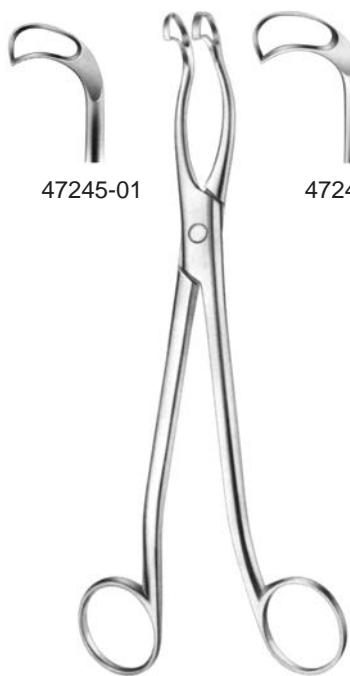
- |        |          |
|--------|----------|
| Fig. 1 | 47642-01 |
| Fig. 2 | 47642-02 |
| Fig. 3 | 47642-03 |

Nasenrachenzangen  
Naso Pharyngeal Forceps  
Pinzas naso-faringeas



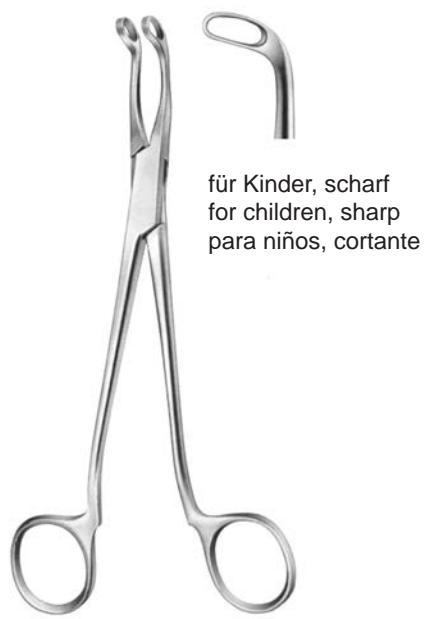
ST. CLAIR-THOMSON  
47246-18    18 cm, 7 1/8"

Nasenrachenzangen  
Naso Pharyngeal Forceps  
Pinzas naso-faringeas



JURASZ  
21 cm, 8 ¼"

47245-02



JURASZ  
47244-00 19 cm, 7 ½"

für Kinder, scharf  
for children, sharp  
para niños, cortante



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



**TRACHEOTOMIE**

**TRACHEOTOMY**

**TRAQUEOTOMÍA**

**REDA**

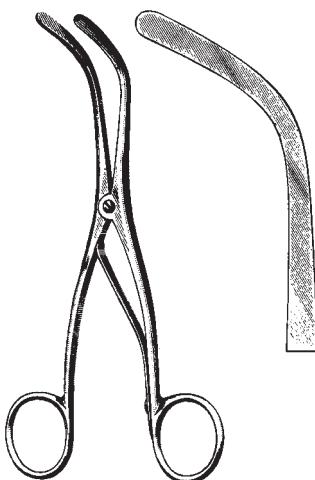
[www.Redainstrumente.de](http://www.Redainstrumente.de)

Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!

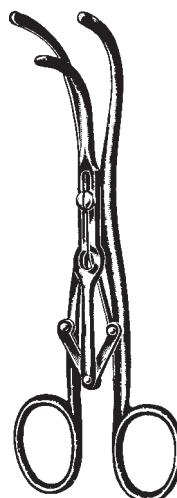
Indication and Contraindication please refer to our user's manual!

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

Tracheal Dilatatoren, Trachealhaken, Trachealwundspreizer  
Tracheal Dilators, Tracheal Hooks, Tracheal Retractors  
Dilatadores traqueales, Ganchos traqueales, Retractor traqueal



TROUSSEAU-BABY  
55111-13 13 cm, 5  $\frac{1}{8}$ "

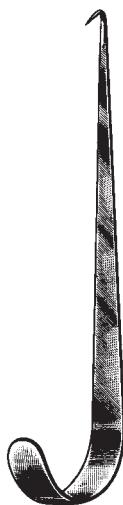


LABORDE  
55113-14  
14 cm, 5  $\frac{1}{2}$ "

TROUSSEAU  
55111-14 14 cm, 5  $\frac{1}{2}$ "



BOSE  
55115-07  
7 cm, 2  $\frac{3}{4}$ "



JACKSON  
55116-15  
15 cm, 6"



JACKSON  
55117-17  
17 cm, 6  $\frac{3}{4}$ "

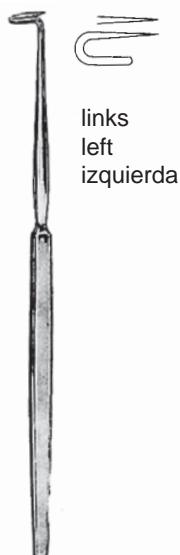
Trachealhaken, Kanülen  
Tracheal Hooks, Tubes  
Ganchos traqueales Cáñulas



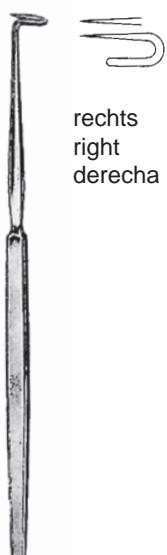
ITERSON  
16 cm, 6 ¼"



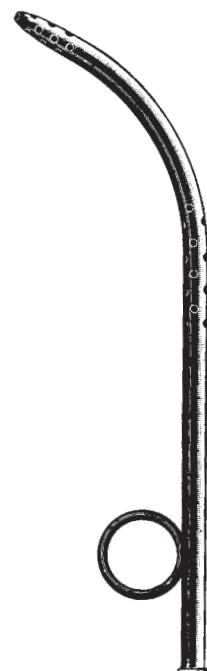
NEWS  
55120-15  
15 cm, 6"



BOSE  
55122-16  
16 cm, 6 ¼"



BOSE  
55124-16  
16 cm, 6 ¼"



WAGENER-MOSHER  
55151-05 5 mm  
55151-07 7 mm  
55151-09 9 mm

Trachealkanülen  
Tracheal Tubes  
Canulas traqueales

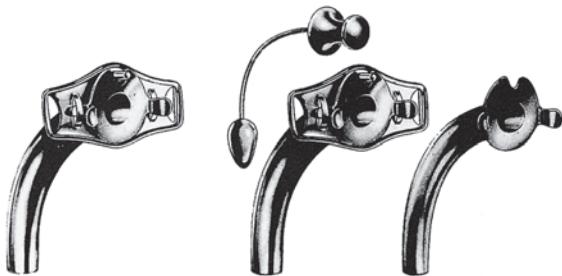
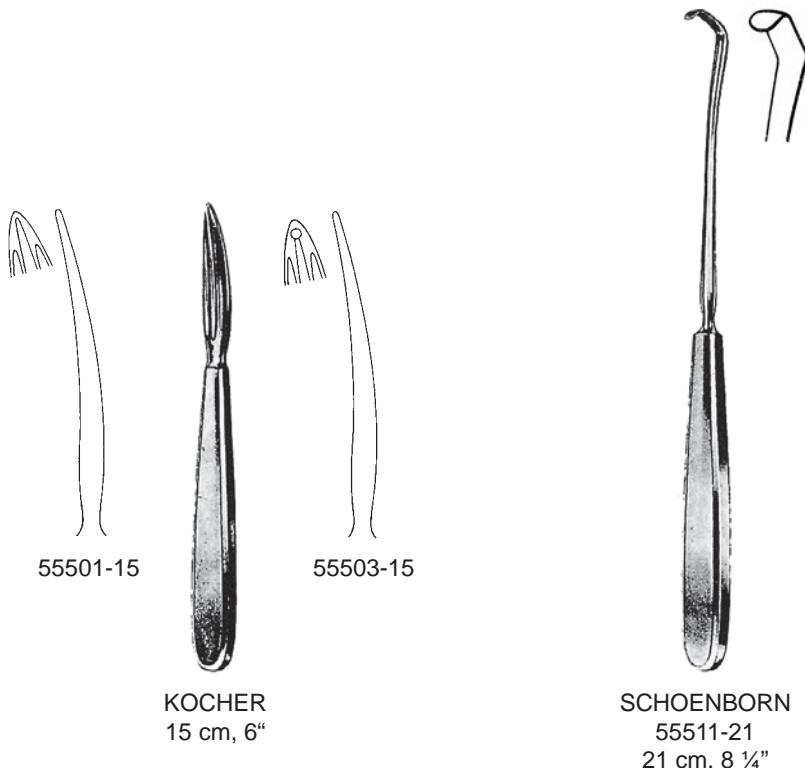
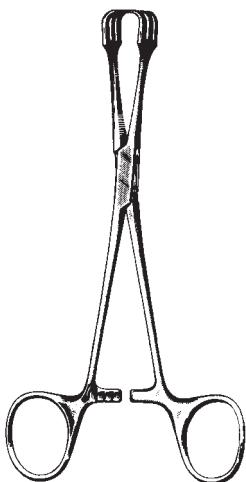


Fig.	Ø mm	Länge des Außenrohrs Length of outer tube Largo de la cánula exterior	LUER Neusilber German silver alpaca	CHEVALIER-JACKSON Neusilber German silver alpaca
0	4	45 mm	55220-04	55240-04
1	5	50 mm	55220-05	55240-05
2	6	55 mm	55220-06	55240-06
3	7	60 mm	55220-07	55240-07
4	8	65 mm	55220-08	55240-08
5	9	70 mm	55220-09	55240-09
6	10	75 mm	55220-10	55240-10
7	11	80 mm	55220-11	55240-11
8	12	85 mm	55220-12	55240-12
9	13	90 mm	55220-13	55240-13

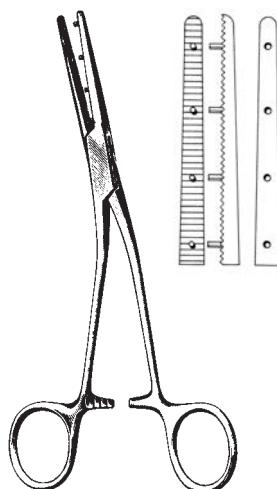
Kropfsonde, Schilddrüsenhaken  
Thyroid Dissectors, Thyroid Retractor  
Sondas para bocio, Separador para la glándula tiroidea



Kropffaßzange, Muskelklemme  
Goitre Seizing Forceps, Muscular Clamp  
Pinza para coger el bocio, Pinza para músculos



**LAHEY**  
55520-15 15 cm, 6"  
55520-20 20 cm, 8"



**MASTIN**  
55523-17  
17 cm, 6 ¾"

Kehlkopf Polypenschnürer  
Laryngeal Polypus Snare  
Cierranudo para pólipos



51259-04  
Ø 0,4 mm  
Pack of 12 pcs

Schnürerdraht  
Snare Wire  
Alambre para polipotomo



53122-00  
Nutzlänge 24 cm, 9 ½"  
Working length 24 cm, 9 ½"  
Largo útil 24 cm, 9 ½"



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



**LARYNGOSKOPIE  
ENDOLARYNGEALE  
MIKROCHIRURGIE**

**LARYNGOLOGY  
ENDOLARYNGEAL  
MICROSURGERY**

**LARINGOSCOPIA  
MICRO CIRUGIA  
ENDOLARINGEAL**

**REDA**

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Kaltlicht Laryngoskope  
Fiber Optic Laryngoscopes  
Laringoscopios de luz fría



McINTOSH

05212-03

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

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

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

05212-04

Set bestehend aus:  
1 Etui  
1 Batteriegriff 05238-03  
4 Spatel (Fig. 1-4)  
1 Ersatzlampe Xenon 05239-03

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

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

Kaltlicht  
Cold Light  
Luz fría



Laryngoskopie-Spatel mit integriertem Kaltlichtträger  
Laryngoscope Blades with Integrated Cold Light Carrier  
Espátulas de laringoscopios con luz fría integrada

McINTOSH



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

Fig. 0  
für Säuglinge  
for babies  
para neonatales



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

Fig. 1  
für Kinder  
for children  
para niños



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

Fig. 2  
für Jugendliche  
for adolescents  
para adolescentes



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

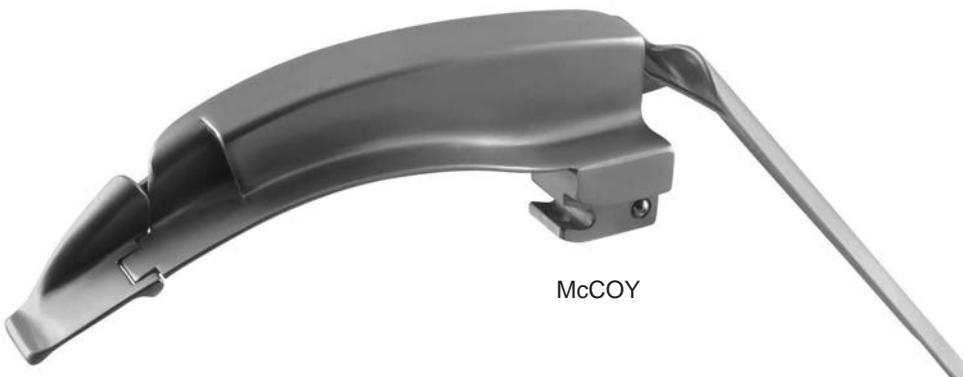
Fig. 3  
für Frauen  
for women  
para mujeres



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

Fig. 4  
für Männer  
for men  
para hombres

Laryngoskopie Spatel mit integriertem Kaltlichtträger  
Laryngoscope Blades with Integrated Cold Light Carrier  
Espátulas de laringoscopios con luz fría integrada



Nutzlänge  
working length  
largo útil

Fig. 2	05217-02	92 mm
Fig. 3	05217-03	112 mm
Fig. 4	05217-04	136 mm

Kaltlicht  
Cold Light  
Luz fría



Kaltlicht Laryngoskope  
Fiber Optic Laryngoscopes  
Laringoscopios de luz fría



05213-03CL

Set bestehend aus:

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

05213-04CL

Set bestehend aus:

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

Set consisting of:

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

Set consisting of:

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

Juego compuesto de:

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

Juego compuesto de:

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

Laryngoskopie-Spatel mit integriertem Kaltlichtträger  
Laryngoscope Blades with Integrated Cold Light Carrier  
Espátulas de laringoscopios con luz fría integrada



MILLER



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

Fig. 0  
für Säuglinge  
for babies  
para neonatales



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

Fig. 1  
für Kinder  
for children  
para niños



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

Fig. 2  
für Jugendliche  
for adolescents  
para adolescentes



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

Fig. 3  
für Frauen  
for women  
para mujeres



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

Fig. 4  
für Männer  
for men  
para hombres

Warmlicht  
Warm Light  
Luz caliente



Laryngoskope Warmlicht  
Laryngoscopes Warm Light  
Laringoscopios de luz caliente



McINTOSH

05203-00

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

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

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

05204-00

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

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

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

Laryngoskopie-Spatel mit integriertem Warmlichtträger  
Laryngoscope Blades with Integrated Warm Light Carrier  
Espátulas de laringoscopios con luz caliente integrada



Warmlicht  
Warm Light  
Luz caliente

McINTOSH



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

Fig. 0  
für Säuglinge  
for babies  
para neonatales



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

Fig. 1  
für Kinder  
for children  
para niños



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

Fig. 2  
für Jugendliche  
for adolescents  
para adolescentes



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

Fig. 3  
für Frauen  
for women  
para mujeres



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

Fig. 4  
für Männer  
for men  
para hombres

Warmlicht  
Warm Light  
Luz caliente



Laryngoskope Warmlicht  
Laryngoscopes Warm Light  
Laringoscopios de luz caliente



MILLER

05213-03

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

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

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

05213-04

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

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

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

Laryngoskope Warmlicht  
Laryngoscopes Warm Light  
Laringoscopios de luz caliente



Warmlicht  
Warm Light  
Luz caliente

#### MILLER



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

Fig. 0  
für Säuglinge  
for babies  
para neonatales



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

Fig. 1  
für Kinder  
for children  
para niños



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

Fig. 2  
für Jugendliche  
for adolescents  
para adolescentes



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

Fig. 3  
für Frauen  
for women  
para mujeres



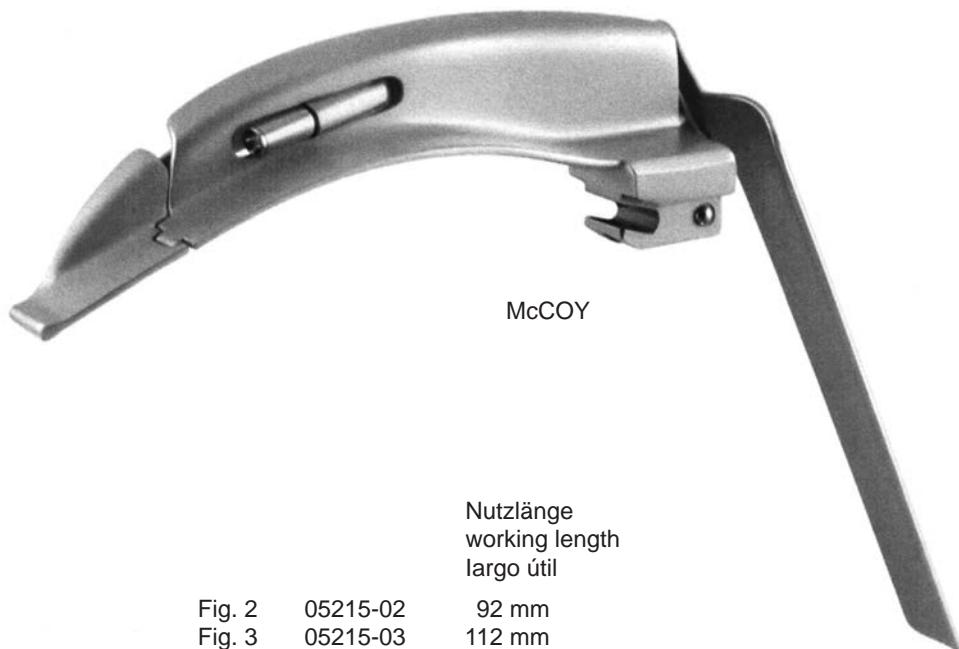
05230-04  
188 mm, 7.4"  
Nutzlänge  
working length  
largo útil

Fig. 4  
für Männer  
for men  
para hombres

Warmlicht  
Warm Light  
Luz caliente



Laryngoskope Warmlicht  
Laryngoscopes Warm Light  
Laringoscopios de luz caliente



Nutzlänge  
working length  
largo útil

Fig. 2	05215-02	92 mm
Fig. 3	05215-03	112 mm
Fig. 4	05215-04	136 mm

Batteriegriffe, Edelstahl  
Battery Handles, Stainless Steel  
Mango de pila, acero inoxidable



Kaltlicht  
Cold Light  
Luz fría



15,5 cm  
19 mm Ø



15,5 cm  
28 mm Ø



05239-03 Xenon 2,5 V

Ersatzlampe  
Spare Bulb  
Bombilla de recambio

05238-02

05238-03

mit Xenon-Lampe  
with Xenon-Lamp  
con lampara Xenon

05238-12

05238-13

mit LED-Lampe  
with LED-Lamp  
con lampara LED

Warmlicht  
Warm Light  
Luz caliente



Batteriegriffe, Edelstahl  
Battery Handles, Stainless Steel  
Mango de pila, acero inoxidable



05233-18  
14 cm  
19 mm Ø



05234-28  
14,5 cm  
29 mm Ø



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



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

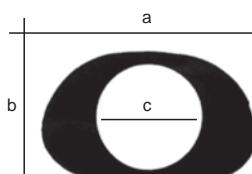
Ersatzlampe  
Spare Bulb  
Bombilla de recambio

Operations-Laryngoskope  
Operation Laryngoscope  
Laringoscopios operativo

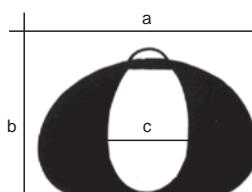
rostfreier Edelstahl  
Rohr: innen matt/außen glänzend  
Griff: matt

stainless steel  
tube: inner surface mat/outer  
surface polished  
handle: mat

acero inoxidable  
Pala: Superficie interior: mate  
Superficie exterior: brillante  
Mango: mate



Nr.	L (mm)	a (mm)	b (mm)	c (mm)	Lichtträger light guide Portador de luz
05301-01	130	19,5	12,0	10,5	05302-01
05301-02	150	20,5	13,0	10,5	05302-01
05301-03	170	26,0	15,5	13,5	05302-02
05301-04	170	28,5	18,5	15,0	05302-02
05301-05	170	31,5	21,5	19,0	05302-02



Nr.	L (mm)	a (mm)	b (mm)	c (mm)	Lichtträger light guide Portador de luz
05301-06	180	25,0	16,0	12,0 x 18,0	05302-02
05301-07	220	25,0	16,0	12,0 x 18,0	05302-03

Operations-Laryngoskope  
Operation Laryngoscope  
Laringoscopios operativo

05300-01

Bruststütze für Erwachsene, Set bestehend aus: 05300-03 / 05300-05 / 05300-06

Chest Support for adults, complete consisting of: 05300-03 / 05300-05 / 05300-06

Soporte pectoral para adultos, compuesto de: 05300-03 / 05300-05 / 05300-06

05300-02

Bruststütze für Kinder, Set bestehend aus: 05300-04 / 05300-05 / 05300-06

Chest Support for children, complete consisting of: 05300-04 / 05300-05 / 05300-06

Soporte pectoral para niños, compuesto de: 05300-04 / 05300-05 / 05300-06

05300-05  
Gelenk  
Joint  
Articulacion



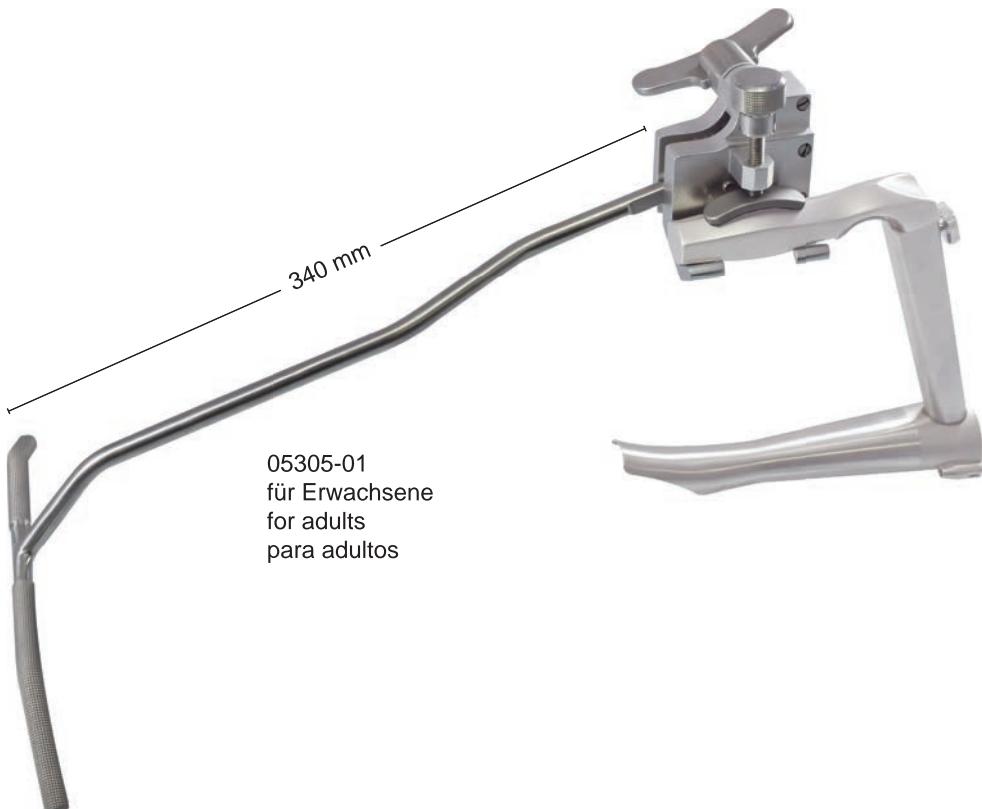
05300-03 - 34 cm, 13.4“  
Stützstange für Erwachsene  
Support rod for adults  
soporte para adultos

05300-04 - 24 cm, 9 ½“  
Stützstange für Kinder  
Support rod for children  
soporte para niños

05300-06 Ring  
Ring  
Anillo



LEWY Bruststütze, für Operations-Laryngoskop  
LEWY Chest Support, for Operation Laryngoscope  
Soporte pectoral LEWY para laringoscopios operativo



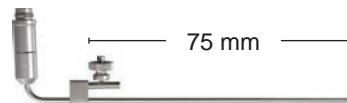
05305-02  
Laryngoskope-Handgriff, abnehmbar  
Laryngoscope Handle, detachable  
Mango para laringoscopios, desmontable

Verwendung mit  
use with  
utilizar con

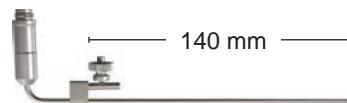
05305-01  
LEWY Bruststütze für Operations-Laryngoskope  
LEWY Chest Support for Operating Laryngoscope  
Soporte pectoral LEWY para laringoscopios operativo



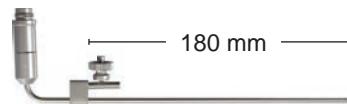
Fiberglas Lichtträger  
Fiberglass Light Carriers  
Portador de luz fría



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



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



05302-03 for Laryngoskope  
05301-07

05303-01

Injektionskanüle für Laryngoskope: 05301-01 - 05301-07

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

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



ACMI



WOLF



STORZ

Unsere Fiberglas-Lichtträger werden mit allen Adapters geliefert.  
Our Fiberglass light carriers are supplied with all adapters.  
Todos nuestros portadores de luz de fibra optica se suministran con todos los adaptadores.

Fiberglas Lichtträger  
Fiberglass Light Carriers  
Portador de luz fría

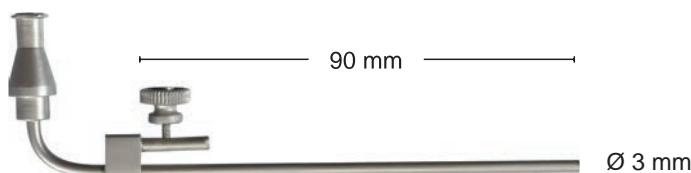


05303-10  
Leuchtklammer  
Light Clip  
Grapa para iluminación

05304-01  
Rauchabsaugrohr für Laryngoskope: 05301-03 - 05301-07  
Suction tube for Laryngoscopes: 05301-03 - 05301-07  
Canúla de succión para laringoscopios: 05301-03 - 05301-07

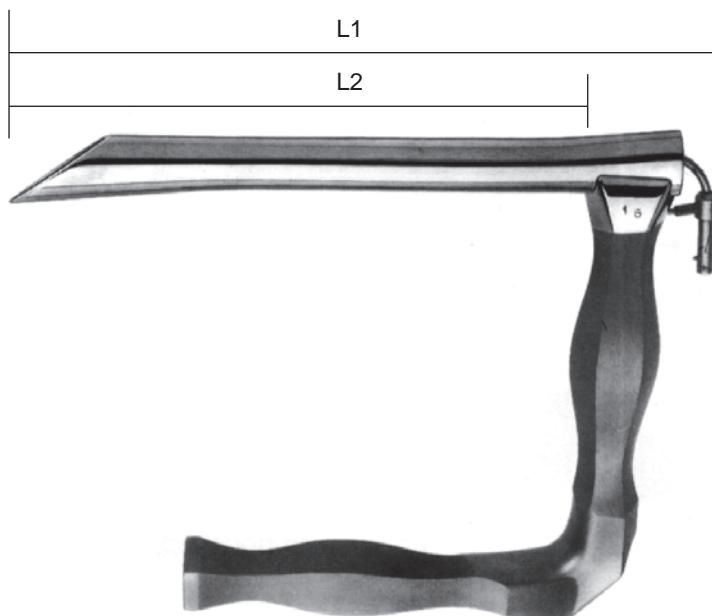


05304-02  
Rauchabsaugrohr für Laryngoskope: 05301-01 - 05301-02  
Suction tube for Laryngoscopes: 05301-01 - 05301-02  
Canúla de succión para laringoscopios: 05301-01 - 05301-02



Unsere Fiberglas-Lichtträger werden mit allen Adapters geliefert.  
Our Fiberglass light carriers are supplied with all adapters.  
Todos nuestros portadores de luz de fibra optica se suministran con todos los adaptadores.

Laryngoskope mit Fiberglass-Lichtträger  
Laryngoscopes with Fiberglass Light Carrier  
Laringoscopios con portador de luz de fibra óptica



HOLINGER

Nr.	L1	L2	Lichtträger light guide Portador de luz
05310-01	180 mm	158 mm	05311-01
05310-02	170 mm	148 mm	05311-02
05310-03	120 mm	98 mm	05311-03
05310-04	90 mm	68 mm	05311-04



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Operations-Laryngoskope  
Operation Laryngoscopes  
Laringoscopios operativos



JACKSON

Nr.	L1	L2	Außen-Dm Outer-dm dm-exterior	Innen-Dm Inner-dm dm-interior	Lichtträger light guide Portador de luz
05320-01	180 mm	158 mm	17,0 mm	14,5 mm	05321-01
05320-02	170 mm	148 mm	14,5 mm	12,5 mm	05321-02
05320-03	120 mm	98 mm	14,0 mm	12,0 mm	05321-03
05320-04	90 mm	68 mm	13,0 mm	10,5 mm	05321-04



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Todos nuestros portadores de luz de fibra optica se suministran con todos los adaptadores.

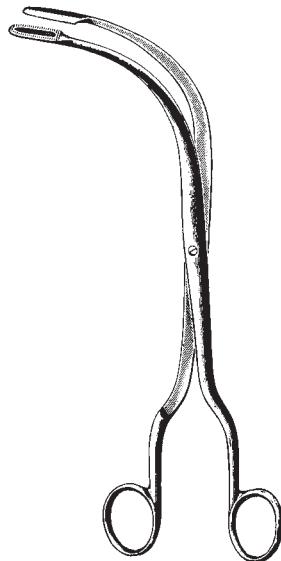


Nr.	L (mm)	a (mm)	b (mm)	c (mm)	Lichtträger light guide Portador de luz
05322-01	130	19,5	12,0	10,5	05302-01
05322-02	150	20,5	13,0	10,5	05302-01
05322-03	170	26,0	15,5	13,5	05302-02
05322-04	170	28,5	18,5	15,0	05302-02
05322-05	170	31,5	21,5	19,0	05302-02
05322-06	180	25,0	16,0	12,0 x 18,0	05302-02
05322-07	220	25,0	16,0	12,0 x 18,0	05302-03

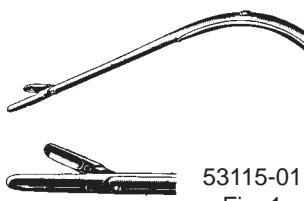


05303-10  
Leuchtklammer  
Light Clip  
Grapa para iluminación

Kehlkopf Polypenzangen  
Lanryngeal Polypus Forceps  
Pinzas para pólipos laringeales



FRAENKEL  
53111-18  
18 cm, 7"



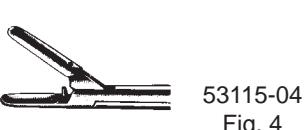
53115-01  
Fig. 1



53115-02  
Fig. 2



53115-03  
Fig. 3



53115-04  
Fig. 4

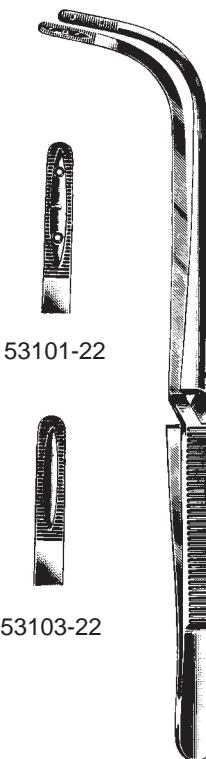


JURASZ  
23 cm, 9"

Kehlkopfschere, Kehlkopfpinzette, Kehldeckelhalter  
Laryngeal Scissors, Laryngeal Forceps, Epiglottis Retractor  
Tijera laringeal, Pinza laringeal, Depresor para epiglotis



KILLIAN  
53102-20  
20 cm, 8"



JACKSON  
22 cm, 8  $\frac{3}{4}$ "

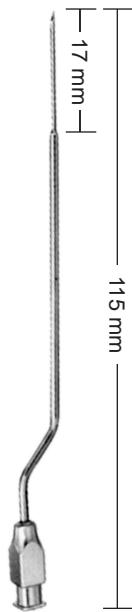


REICHERT  
53121-24  
24 cm, 9  $\frac{1}{2}$ "

Kehlkopfkanülen, Tonsillenspritzen  
Laryngeal Cannulas, Tonsil Syringes  
Cáñulas laringeales, Jeringas



51291-00  
2,5 mm Ø



51293-00  
0,8 mm Ø



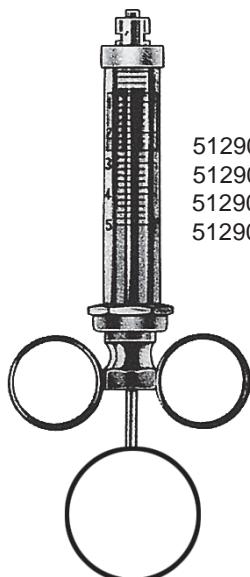
51293-90  
90°



51293-45  
45°

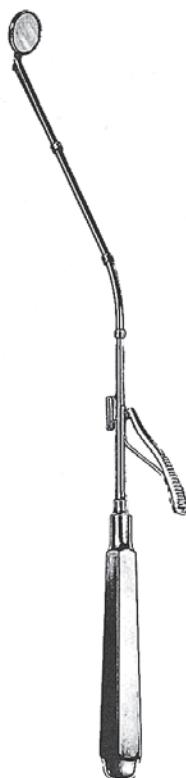


51292-00



51290-02 2 ml  
51290-05 5 ml  
51290-10 10 ml  
51290-20 20 ml

Kehlkopfspiegel  
Laryngeal Mirrors  
Espejos laringeales



MICHEL  
25 cm, 10"



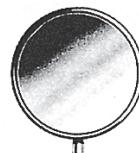
47139-12  
12 mm



47139-14  
14 mm

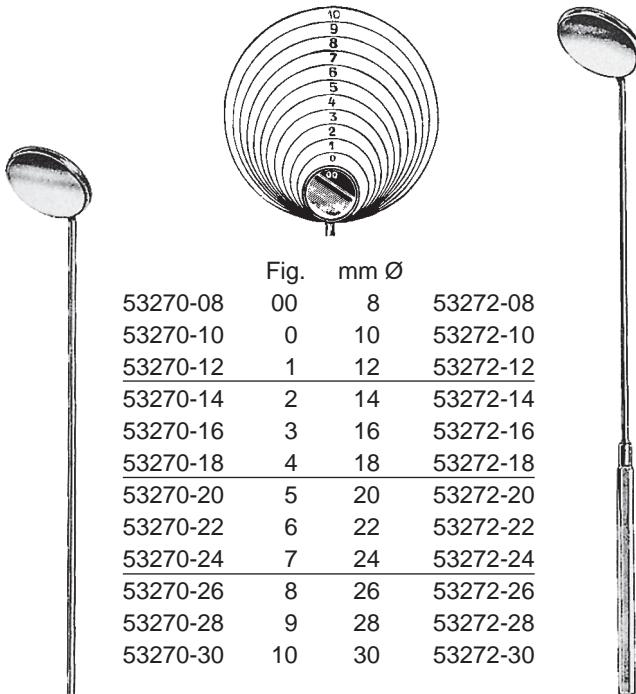


47139-16  
16 mm



47139-18  
18 mm

Kehlkopfspiegel und -griffe  
Laryngeal Mirrors and Handles  
Espejos y mangos laringeales



53270-08 - 53270-30

53272-08 - 53272-30

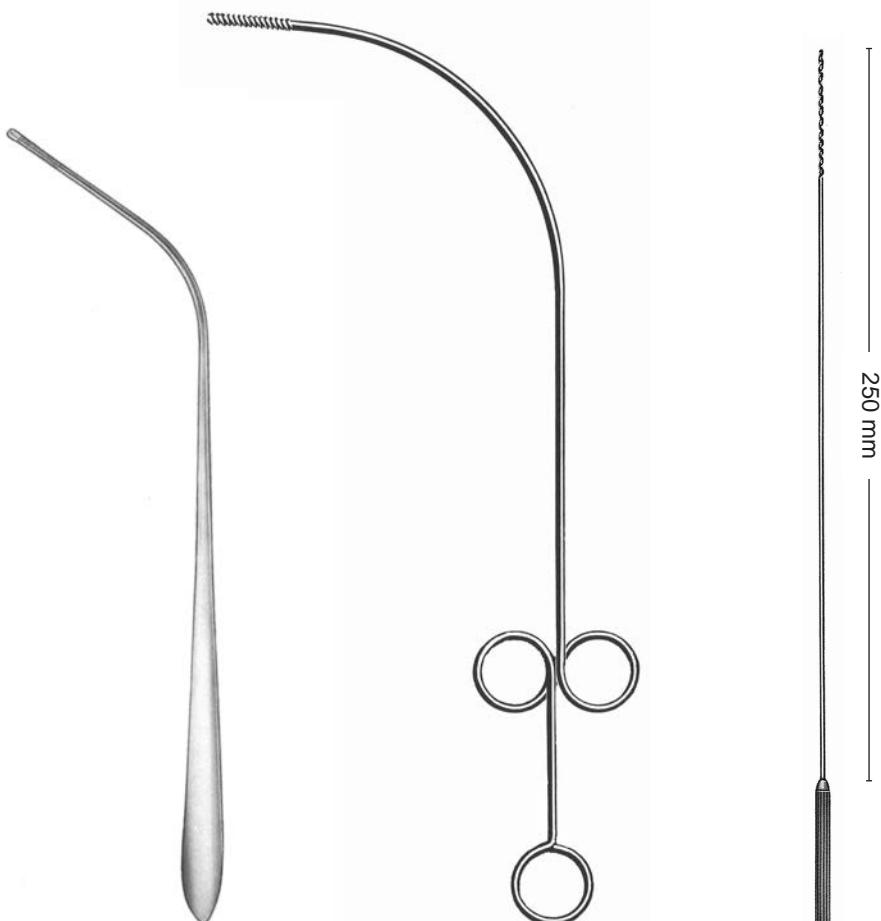


53274-12



53276-10

Kehlkopfwatteträger  
Laryngeal Cotton Carriers  
Porta-algodones laringeales



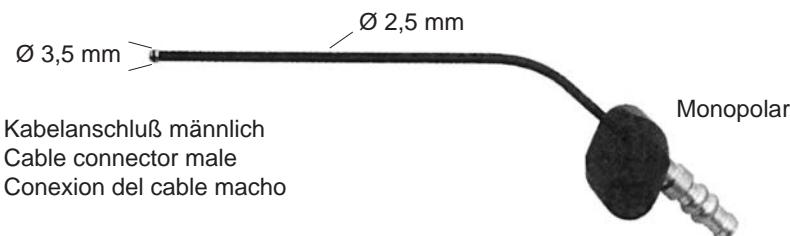
KILLIAN  
21350-25  
25 cm, 10"

FEIN  
21360-26  
26 cm, 10 ¼"

21370-25  
Ø 2,5 mm

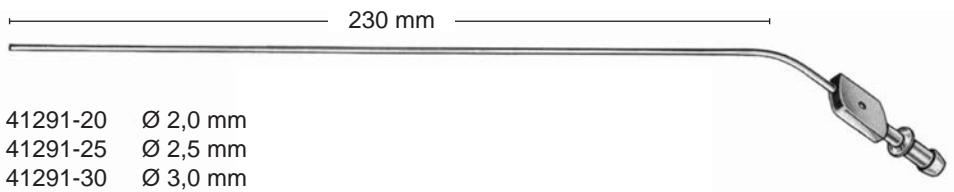
Saugrohre  
Suction Tubes  
Tubos de aspiración

Koagulations-Saugrohr, gerade  
Coagulation Suction Tube, straight  
Tubo de succión y coagulación, recto

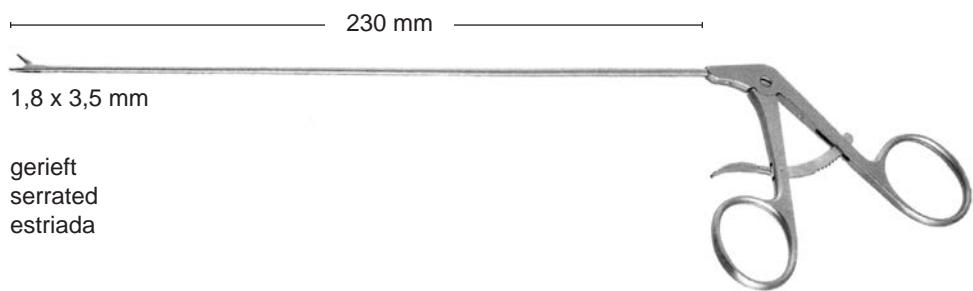
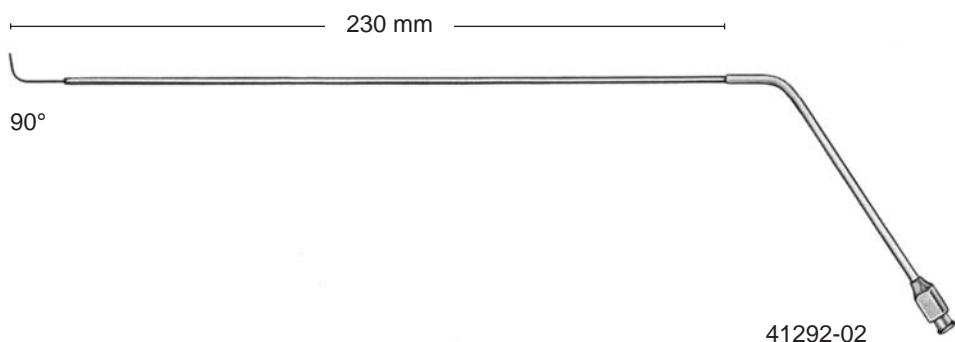
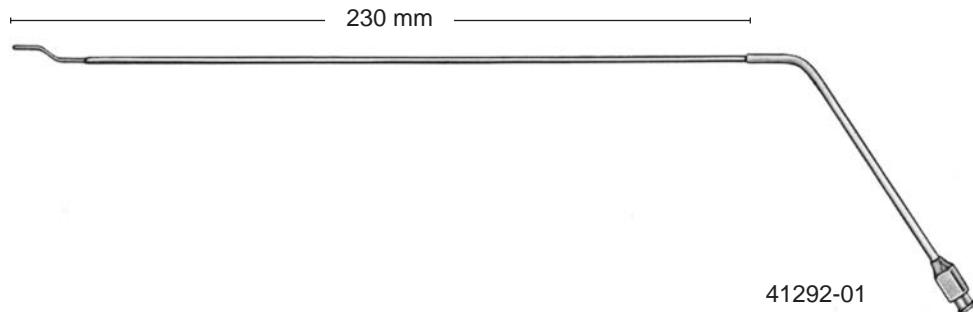


41312-10 Nutzlänge 10 cm, 4"  
Working length 10 cm, 4"  
Largo útil 10 cm, 4"

41312-26 Nutzlänge 26 cm, 10  $\frac{1}{4}$ "  
Working length 26 cm, 10  $\frac{1}{4}$ "  
Largo útil 26 cm, 10  $\frac{1}{4}$ "

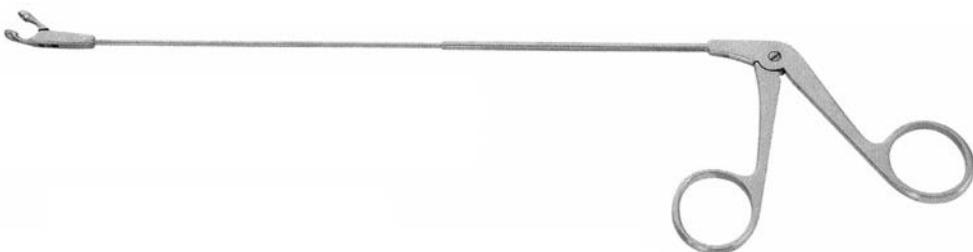


Injektionskanüle, Luer-Lock, Nadelhalter  
Injection Needle, Luer-Lock, Needle Holder  
Canula de inyeccion, conexion Luer-Lock, Porta-aguja



Mikro Rohrschaftzangen  
Micro Laryngeal Forceps  
Micro pinzas con vaina tubular

230 mm



Mikro-Fasszängchen  
Micro Grasping Forceps  
Micro pinzas de agarre

	gerade, gerieft straight, serrated recta, estriada	53280-01 1,5 x 10 mm
	nach links gebogen, gerieft curved to left, serrated curvada hacia la izquierda, estriada	53280-02 1,5 x 8,5 mm
	nach rechts gebogen, gerieft curved to right, serrated curvada hacia la derecha, estriada	53280-03 1,5 x 8,5 mm
	aufgebogen, gerieft curved up, serrated curvada hacia arriba, estriada	53280-16
	dreieckig, gerieft, nach rechts aufgebogen triangular, serrated, curved to right triangulada, estriada, curvada hacia la derecha	53280-17
	dreieckig, gerieft, nach links aufgebogen triangular, serrated, curved to left triangulada, estriada, curvada hacia la izquierda	53280-18

Mikro Rohrschaftzangen  
 Micro Laryngeal Forceps  
 Micro pinzas con vaina tubular

Mikro-Löffelzangen  
 Micro Cup Shaped Forceps  
 Micro pinzas en forma cucharilla      Ø 2 mm      Ø 4 mm



gerade  
 straight  
 recta

53280-04      53280-19



nach links gebogen  
 curved to left  
 curvada hacia la izquierda

53280-05      53280-20



nach rechts gebogen  
 curved to right  
 curvada hacia la derecha

53280-06      53280-21



aufgebogen  
 curved up  
 curvada hacia arriba

53280-07      53280-22

Mikro-Scheren  
 Micro Scissors  
 Micro tijeras



gerade  
 straight  
 recta

53280-08



nach links gebogen  
 curved to left  
 curvada hacia la izquierda

53280-09



nach rechts gebogen  
 curved to right  
 curvada hacia la derecha

53280-10



gerade horizontal  
 straight horizontal  
 recta horizontal

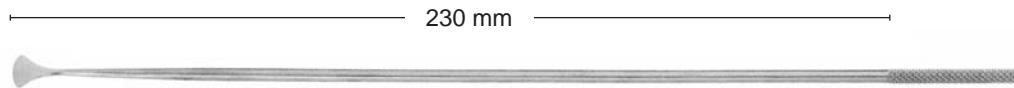
53280-11



aufgebogen 45°  
 curved up 45°  
 curvada hacia arriba en 45°

53280-12

Instrumente für Laryngoskopie  
Instruments for Laryngology  
Instrumentos para laringoscopía



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	Messer, sichelförmig, gebogen, spitz Knife, sickle shaped, curved, pointed Cuchillo en forma de hoz, agudo, curvo	53290-01
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	Messer, oval, gerade Knife, oval, straight Cuchillo, recto, ovalado	53290-02
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	Messer, Rundschnittform, vertikal schneidend Knife, round, cuts vertically Cuchillo, corte redondo, corte vertical	53290-03
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	Messer, oval 45°, 2,5mm Knife, oval 45°, 2,5 mm Cuchillo, ovalado en 45°, 2,5mm	53290-04
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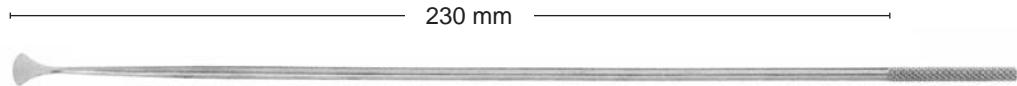
	Häkchen, stumpf 90°, mit Sondenknopf Hook, blunt angled 90° with probe end Ganchito, romo en 90°, abotonado	53290-05
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	Häkchen, stumpf, mit Sondenknopf Hook, blunt with probe end Ganchito, romo, abotonado	53290-06
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	Knotenführer Knot tier Baja nudos	53290-07
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	Messer, gerader Schnitt, spitz Knife, straight cut, pointed Cuchillo, corte recto, agudo	53290-11
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	Messer, golfstockförmig, gebogen, rund Knife, golf stick shaped, curved round Cuchillo en forma de golf, curvo, redondo	53290-12
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	Häkchen, scharf Hook, sharp Ganchito, agudo	53290-13
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	Umstechungsnadel, nach links gebogen Needle, curved to left Aguja, curvada hacia la izquierda	53290-14
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	Umstechungsnadel, nach rechts gebogen Needle, curved to right Aguja, curvada hacia la derecha	53290-15
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	Saugraspatorium Suction Elevator Legra de succión	53290-16
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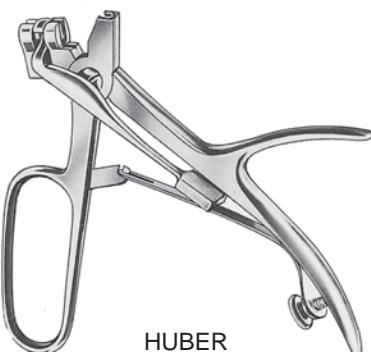


53290-08  
Handgriff für Stabinstrumente  
Handle for microlaryngeal instruments  
Mango para instrumentos microlaringeos

Universalgriffe, Verlängerungsrohre, Aufsätze  
 Universal Handles, Interchangeable Tips, Tubes  
 Mangos universales, Tubos de extension, Puntas



**BRUENINGS**  
 53131-20  
 20 cm, 8"



**HUBER**  
 53130-00

<b>BRUENINGS</b>	
53132-20 20 cm, 8"	53132-50 50 cm, 19 ¾"
53132-30 30 cm, 11 ¾"	53132-60 60 cm, 23 ½"
53132-40 40 cm, 15 ¾"	



**FRAENKEL**  
 53150-00



**SEIFERT**  
 53152-00



**FRAENKEL**  
 53154-00



**SCHEINMANN**  
 53155-00



53158-02  
 53158-03



**SCHEINMANN**  
 53157-00

53160-02  
 53160-03



**BRUENINGS**  
 53158-02 - 53158-03



**BRUENINGS**  
 53160-02 - 53160-03



53164-01



53164-02



**KRAUSE**  
 53164-01 - 53164-02



**KRAUSE**  
 53166-00



**SCHUMACHER**  
 53170-00



**BARACANI**  
 53175-00



53177-01



53177-02



**CORDES**  
 53177-01 - 53177-02

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



**BRONCHOSKOPIE**

**BRONCHOSCOPY**

**BRONCOSCOPIA**

**REDA**

[www.Redainstrumente.de](http://www.Redainstrumente.de)

Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!

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

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

Broncho-Oesophagoskopiezangen  
 Broncho-Esophagoscopy Forceps  
 Pinzas para bronco-esofagoscopia

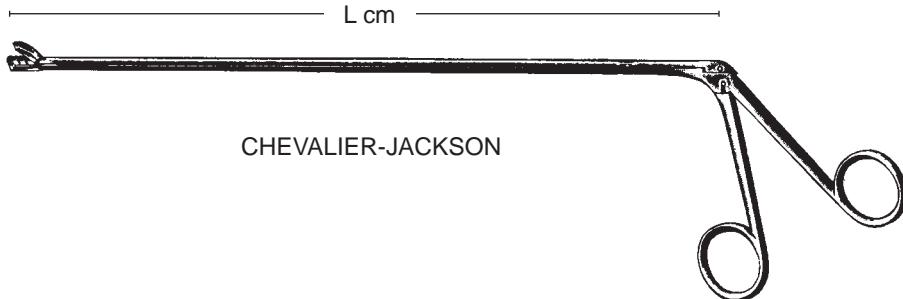


	Fig. 1	Fig. 2	Fig. 3	Fig. 4
30 cm / 11 $\frac{3}{4}$ "	53230-01	53230-02	53230-03	53230-04
40 cm / 15 $\frac{3}{4}$ "	53240-01	53240-02	53240-03	53240-04
50 cm / 19 $\frac{3}{4}$ "	53250-01	53250-02	53250-03	53250-04
60 cm / 23 $\frac{1}{2}$ "	53260-01	53260-02	53260-03	53260-04



	Fig. 5	Fig. 6	Fig. 7	Fig. 8
30 cm / 11 $\frac{3}{4}$ "	53230-05	53230-06	53230-07	53230-08
40 cm / 15 $\frac{3}{4}$ "	53240-05	53240-06	53240-07	53240-08
50 cm / 19 $\frac{3}{4}$ "	53250-05	53250-06	53250-07	53250-08
60 cm / 23 $\frac{1}{2}$ "	53260-05	53260-06	53260-07	53260-08

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



**SÄTZE**

**SET**

**SET**

**REDA**

[www.Redainstrumente.de](http://www.Redainstrumente.de)

Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!

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

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

**SET/440: Grundsieb HNO / Basic set for ENT / Juego basico para ORL**

03180-90	ZIEGLER head mirror 90mm	1x1
45246-14	ear forceps, HARTMANN 14cm	1x1
45206-14	ear forceps bayonet, LUCAE 14cm, without teeth	1x1
65110-15	tissue forceps, ALLIS 4x5 teeth, 15cm	1x1
17170-25	swab forceps serrated, FOERSTER straight, 25cm	1x1
45010-00	ear specula set of 4, HARTMANN	1x1
09304-14	operating sciss.fine, JOSEPH straight, 14,0cm	1x1
09305-14	operating sciss.fine, JOSEPH curved, 14,5cm	1x1
25137-11	BABY WEBSTER Needle Holder 4 3/4 TC smooth	1x1
45110-00	ear curette, BUCK straight, blunt, Fig. 0	1x1
45110-01	ear curette, BUCK straight, blunt, Fig. 1	1x1
45097-10	ear syringe complete, REINER 100ml	1x1
45150-18	paracentesis needle, POLITZER bajonet, 18cm	1x1
41299-03	Suction Tube Baron 3Fr	1x1
41299-05	suction tubes Baron 5Fr.	1x1
41299-07	suction tube, BARON 7 Fr.	1x1
45180-02	ear loop, BILLEAU, Fig.2, 16cm	1x1
45190-01	ear hooklet small, DAY, Fig. 1, 16cm	1x1
47112-01	nasal speculum, MOD.VIENNA for babies	1x1
47112-02	nasal speculum, MOD.VIENNA for children	1x1
47112-03	nasal speculum, MOD.VIENNA for adults	1x1
49107-19	tongue depressor, BRUENNINGS 19cm	2x1
49265-14	mouth gag, DOYEN-JANSEN (Molt) 14cm	1x1
45072-01	Tuning forks w. foot, A1-440	1x1
21272-14	cotton applicators, FARREL triangular, 14cm	1x1
45193-01	hooklet , LUCAE Fig. 1	1x1
45206-16	ear forceps bayonet, LUCAE without teeth, 16cm	1x1
45261-08	ear polypus forceps, HARTMANN 8,5cm	1x1
45271-08	ear forceps, STRUEMPLER D. 2,5 x 5mm, 8,5cm	1x1
11102-14	forceps dressing, 14,5cm	1x1
11120-14	forceps tissue 1x2 t. 14,5 cm	1x1
47351-26	nasal snare angled, KRAUSE 26cm	1x1
47355-03	loops 0,3 mm bundle of 12 ea.	1x1
47332-25	EICKEN (KILLIAN) antrum cannula 2.5mm	1x1
43614-00	BOWMAN lachrymal probe, Fig. 00/0, 0,7/0,8mm Ø	1x1
43614-12	BOWMAN lachrymal probe, Fig. 1/2, D. 0,9/1,1mm	1x1
07103-00	scalpel handle no. 3 12,5cm	1x1
89142-02	jar 50 x 100mm	1x1
53272-10	laryngeal mirror with handle Fig. 0, D. 10mm	5x1
53272-12	laryngeal mirror with handle Fig. 1, D. 12mm	5x1
53272-16	laryngeal mirror with handle Fig. 3, D. 16mm	3x1
53272-18	laryngeal mirror with handle Fig. 4, D. 18mm	3x1
51290-02	tonsil syringe 3 rings LL 2ml	1x1
51292-00	tonsil injection needle straight	1x1
45097-10	ear syringe complete, REINER 100ml	1x1
89139-25	Kidney bowl medium 250 x 140 x 40mm	1x1

**SET/443: Myringotomie Set / Myringotomie Set /  
Juego para miringotomia**

45010-55	ear specula, HARTMANN D. 5,5mm	1x1
45010-65	ear specula, HARTMANN D. 6,5mm	1x1
45010-75	ear specula, HARTMANN D. 7,5mm	1x1
45350-70	ear forceps micro serrated 7mm x 8cm	1x1
45110-01	ear curette, BUCK straight, blunt, Fig. 1	1x1
45165-17	ear knife, SEXTON angled, 17cm	1x1
45151-16	paracentesis needle, POLITZER angled, 16,5cm	1x1
45713-15	needle, BARBARA curved pointed	1x1
45724-10	hooklet, BARBARA 90° angled, 1,0mm	1x1
45180-02	ear loop, BILLEAU, Fig.2, 16cm	1x1
45192-02	hooklet , WAGENER Fig. 2, 14cm	1x1
21272-14	cotton applicators, FARREL triangular, 14cm	1x1
41305-07	suction tubes, ROSEN D. 0,7mm	1x1
41305-09	suction tubes, ROSEN D. 0,9mm	1x1
41305-12	suction tubes, ROSEN D. 1,2mm	1x1
41307-00	WULLSTEIN suction handle for Rosen cann.	1x1
45206-14	ear forceps bayonet, LUCAE 14cm, without teeth	1x1
45246-12	ear forceps, HARTMANN, 12cm	1x1
45255-08	ear polypus forceps, WULLSTEIN 8,5cm	1x1

**SET/441: Set für Mastoidektomie / Mastoidectomy Set /  
Juego para mastoidectomia**

07103-00	scalpel handle no. 3 12,5cm	1x1
47102-02	nasal speculum, HARTMANN-HALLE Fig. 2	1x1
19670-16	retractor, WEITLANER sharp, 16,5cm	1x1
19670-14	retractor, WEITLANER sharp, 14,0cm	1x1
19654-13	retractor, WEITLANER-WULLSTEIN sharp, 13cm	1x1
19280-03	retractor, VOLKMANN pointed, 21,5cm, 3 teeth	2x1
19312-02	retractor, LANGENBECK 21cm, 30x14mm	2x1
33702-15	periosteal elevator, FARABEUF straight, 15cm, 12,5mm	1x1
45807-20	elevator, LEMPERT 20,5cm	1x1
47415-18	FREER septum elevator, 18cm double ended, sharp/blunt	1x1
33605-04	gouge 13,5cm, 4mm	1x1
33605-06	gouge 13,5cm x 6mm	1x1
33605-08	gouge 13,5cm, 8mm	1x1
33602-04	osteotome 13,5cm, 4mm	1x1
33602-06	osteotome 13,5cm, 6mm	1x1
33602-08	osteotome 13,5cm, 8mm	1x1
33700-05	hammer, COTTLE flat/convex D. 30mm, 240gr., 18cm	1x1
47303-03	punch, KERRISON 17cm, shaft 85mm, 3x3mm	1x1
33156-18	bone rongeur, BEYER 18cm	1x1
45760-01	curette, HOUSE 1,0 / 1,2mm	1x1
33490-20	bone curette, LEMPERT 17,5cm, Fig. 00	1x1
33475-00	bone curette, SPRATT 17cm, Fig. 0	1x1
33475-01	bone curette, SPRATT 17cm, Fig. 1	1x1
13221-12	hemost.fcps., HALSTED-MOSQUITO curved, 12,0cm	4x1
13310-14	hemost.fcps. ,ROCHESTER-PEAN straight, 14cm	4x1
13311-14	hemost.fcps. ,ROCHESTER-PEAN curved,14cm	4x1
13320-14	hemost.fcps., ROCHESTER-OCHSNER 1x2 teeth, straight, 14cm	2x1
65110-15	tissue forceps, ALLIS 4x5 teeth, 15cm	2x1
11170-12	forceps dressing serr., ADSON 12cm	1x1
11180-12	forceps tissue 1x2 t.,ADSON 12cm	1x1
11188-12	forceps tissue, ADSON-BROWN 7x7 teeth, 12cm	1x1
11102-14	forceps dressing, 14,5cm	1x1
11120-14	forceps tissue 1x2 t. 14,5 cm	1x1
21320-18	cotton applicator,JOBSON-HORNE 18cm	1x1
09341-10	operating sciss.fine, IRIS curved, 10cm	1x1
09363-11	scissors, STEVENS blunt/blunt, curved 11cm	1x1
09305-14	operating sciss.fine, JOSEPH curved, 14,5cm	1x1
09283-15	diss.scissors,METZENBAUM-FINO curved, 15cm	1x1
09110-14	operating scissors, STANDARD pointed/blunt, straight 14,5cm	1x1
41299-03	Suction Tube Baron 3Fr	1x1
41299-05	suction tubes Baron 5Fr.	1x1
41299-07	suction tube, BARON 7 Fr.	1x1
41295-06	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 6	1x1
41295-08	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 8	1x1
41295-10	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 10	1x1
41307-00	WULLSTEIN suction handle for Rosen cann.	1x1
41305-05	suction tubes, ROSEN D. 0,5mm	2x1

41305-08	Rosen Suction Tube 0,8mm	2x1
41305-09	suction tubes, ROSEN D. 0,9mm	2x1
41305-12	suction tubes, ROSEN D. 1,2mm	2x1
25144-13	needle holder, HALSEY serrated, TC, 13cm	1x1
25164-15	needle holder, CRILE-WOOD serrated, TC, 15cm	1x1
15111-09	towel forceps, BACKHAUS 9cm	6x1
17110-20	dressing forceps, GROSS-MAIER straight, 20cm	1x1
89127-08	Bowl round, stainless steel 80 x 40mm, 0,14 l. ( 5,6 OZ )	1x1
89127-06	round bowl 61x30mm, 0,07 ltr	1x1

**SET/442: Set für Mikrochirurgie (Ohr) / Set for Ear Micro Surgery / Juego para micro otología**

47103-03	nasal specula HARTMANN Fig. 3	1x1
45803-16	elevator, LEMPERT curved, 16cm, 2mm	1x1
33718-16	periosteal elevator, JOSEPH 16cm, 4mm	1x1
11120-11	forceps tissue 1x2 t. 11,5 cm	1x1
11260-15	forceps dressing, SEMKEN 15,5cm	1x1
09141-14	dissecting scissors, DEAVER pointed/blunt, curved, 14,5cm	1x1
19677-13	Plester retractor, 13cm 2x2t., sharp	2x1
19673-11	retractor, PLESTER blunt, 11cm	1x1
19672-11	retractor, PLESTER blunt, 11cm	1x1
19283-01	WILLIGER, wound retractor, 12cm 3 teeth, sharp, straight	1x1
07103-00	scalpel handle no. 3 12,5cm	2x1
09111-14	operating scissors, STANDARD pointed/blunt, curved, 14,5cm	1x1
13310-14	hemost.fcps. , ROCHESTER-PEAN straight, 14cm	1x1
25129-13	needle holder, WEBSTER TC smooth, 13cm	1x1
13220-12	hemost.fcps., HALSTED-MOSQUITO straight, 12,5cm	1x1
13221-12	hemost.fcps., HALSTED-MOSQUITO curved, 12,0cm	2x1
15111-09	towel forceps, BACKHAUS 9cm	6x1
09340-10	operating sciss.fine, IRIS straight, 10cm	1x1
R065-040125-003	Bipolar connecting cable 3 mtr. long for Erbe / Storz HF-generators european flat plug f. instruments	1x1
45010-55	ear specula, HARTMANN D. 5,5mm	1x1
45010-65	ear specula, HARTMANN D. 6,5mm	1x1
45010-75	ear specula, HARTMANN D. 7,5mm	1x1
45350-70	ear forceps micro serrated 7mm x 8cm	1x1
45255-08	ear polypus forceps, WULLSTEIN 8,5cm	1x1
45261-08	ear polypus forceps, HARTMANN 8,5cm	1x1
45362-45	ear fcps.micro spoon oval 4,5mm, straight	1x1
45267-20	ear polypus forceps, HARTMANN D. 2,0mm, 8,5cm	1x1
45310-40	ear scissors micro, BELLUCCI micro mini, 4mm	1x1
45387-01	DIETER, malleurs punches upwards cutting, Ø 1,8mm, 8cm	1x1
45371-40	McGEE, wire bending forceps 0,8 x 4,0mm, 8cm	1x1
41305-10	suction tubes, ROSEN D. 1,0mm	4x1
41305-07	suction tubes, ROSEN D. 0,7mm	4x1
41305-12	suction tubes, ROSEN D. 1,2mm	4x1
41305-15	suction tubes, ROSEN D. 1,5mm	4x1
41305-20	suction tubes, ROSEN D. 2,0mm	4x1
41307-00	WULLSTEIN suction handle for Rosen cann.	1x1
41304-06	suction tubes, PLESTER 30°, Charr.6	1x1
41304-08	suction tubes, PLESTER 30°, Charr.8	1x1
41304-10	suction tubes, PLESTER 30°, Charr.10	1x1
45190-02	ear hooklet medium, DAY, Fig. 2, 16cm	1x1
45192-03	hooklet , WAGENER Fig. 3, 14cm	1x1
45111-00	ear curette Buck straight, sharp, Fig. 00	1x1
45112-00	ear curette Buck straight, sharp, Fig. 0	1x1
45748-16	hook, reverse cutting, 0,6mm/16cm	1x1
45760-01	curette, HOUSE 1,0 / 1,2mm	2x1

45760-02	curette, HOUSE 1,5 / 1,8mm	2x1
45749-16	PLESTER, footplate hook, 16cm 90°angled, oval-blunt	1x1
45722-06	hooklet, BARBARA 45° angled, 0,6mm	1x1
45724-03	hooklet, BARBARA 90° angled, 0,3mm	2x1
45724-06	hooklet, BARBARA 90° angled, 0,6mm	2x1
45771-16	fork PLESTER, 16cm, width 0,6mm	1x1
45722-10	hooklet, BARBARA 45° angled, 1,0mm	1x1
45706-35	Round knife, PLESTER 15,5cm, size 3,5mm	2x1
45709-20	knife circular, ROSEN 2mm	2x1
45704-15	sickle knife, WULLSTEIN 15,5cm	2x1
45713-15	needle, BARBARA curved pointed	2x1
45724-10	hooklet, BARBARA 90° angled, 1,0mm	1x1
91127-16	bipolar forceps angled 1mm, 16,5cm	1x1
89127-08	Bowl round, stainless steel 80 x 40mm, 0,14 l. ( 5,6 OZ )	1x1

**SET/444: Set für Ohrmuschel - Operation /  
Set for Otoplasty Surgery / Juego para cirugia otoplastica**

07103-00	scalpel handle no. 3 12,5cm	1x1
09341-10	operating sciss.fine, IRIS curved, 10cm	1x1
09305-14	operating sciss.fine, JOSEPH curved, 14,5cm	1x1
09358-11	Cottle bulldog-scissors cvd.,11,5cm	1x1
09111-14	operating scissors, STANDARD pointed/blunt, curved, 14,5cm	1x1
11130-11	Tissue Fcps 1x2 teeth 11cm fine	1x1
11188-12	forceps tissue, ADSON-BROWN 7x7 teeth, 12cm	1x1
11102-14	forceps dressing, 14,5cm	1x1
11120-14	forceps tissue 1x2 t. 14,5 cm	1x1
21272-14	cotton applicators, FARREL triangular, 14cm	1x1
47530-01	DINGMAN nasal rasp 15cm, left # 1	1x1
47530-02	DINGMAN nasal rasp 15cm right # 2	1x1
47380-15	nasal plastic knife, COTTE 15cm	1x1
47415-18	FREEER septum elevator, 18cm double ended, sharp/blunt	1x1
47451-04	septum chisel, FREEER 4mm, curved	1x1
47562-18	hooklet delicate, GILLIES 18cm Fig. 2	1x1
19216-05	hooklet sharp 2 prong, JOSEPH 5mm, 16cm	1x1
19221-02	retractor (trach.) blunt 2 prongs, 16cm	1x1
89148-25	medicine cup 25 CC	1x1
51290-05	tonsil syringe 3 ring LL 5ml	1x1
41295-10	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 10	1x1
41295-08	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 8	1x1
13221-12	hemost.fcps.,HALSTED-MOSQUITO curved, 12,0cm	6x1
13240-14	hemost.fcps. , KELLY straight, 14cm	1x1
11190-10	forceps, GRAEFE 10,5cm	1x1
43810-10	GRAEFE iris forceps, anatomic, straight, 10cm	1x1
13310-14	hemost.fcps. ,ROCHESTER-PEAN straight, 14cm	1x1
15111-09	towel forceps, BACKHAUS 9cm	6x1
25144-13	needle holder, HALSEY serrated, TC, 13cm	1x1
91122-16	bipolar forceps pointed straight, 16,5cm total long	1x1
R065-040125-005	Bipolar connecting cable 5mtr. long for Erbe / Storz HF-generators european plug for instruments	1x1

**SET/445: Satz zur Mittelohr-Chirurgie, Tympanoplastik und Stapedektomie /  
Set for tympanic and stapedectomy /  
Juego para cirugía de timpano y estapedectomía**

19654-13	retractor, WEITLANER-WULLSTEIN sharp, 13cm	1x1
19672-11	retractor, PLESTER blunt, 11cm	1x1
19673-11	retractor, PLESTER blunt, 11cm	1x1
19677-13	Plester retractor, 13cm 2x2t., sharp	1x1
47120-50	Nasal speculum, KILLIAN 50mm	1x1
45010-55	ear specula, HARTMANN D. 5,5mm	1x1
07103-00	scalpel handle no. 3 12,5cm	1x1
07109-15	scalpel handle MINI 15,5cm	1x1
47451-04	septum chisel, FREER 4mm, curved	1x1
45802-16	elevator, LEMPERT straight, 16cm, 2mm	1x1
41305-12	suction tubes, ROSEN D. 1,2mm	1x1
41305-15	suction tubes, ROSEN D. 1,5mm	1x1
41305-20	suction tubes, ROSEN D. 2,0mm	1x1
41307-00	WULLSTEIN suction handle for Rosen cann.	1x1
45709-10	knife circular, ROSEN 1.0mm	1x1
45724-06	hooklet, BARBARA 90° angled, 0,6mm	1x1
45724-10	hooklet, BARBARA 90° angled, 1,0mm	1x1
45724-15	hooklet, BARBARA 90° angled, 1,5mm	1x1
45724-25	hooklet, BARBARA 90° angled, 2,5mm	1x1
45766-40	Micro Measuring Rod, HOUSE 4.0mm	1x1
45766-50	Micro Measuring Rod, HOUSE 5.0mm	1x1
11120-11	forceps tissue 1x2 t. 11,5 cm	1x1
11120-14	forceps tissue 1x2 t. 14,5 cm	1x1
11405-05	forceps, jeweller Fig. 5 11cm, 0.15mm	1x1
11170-12	forceps dressing serr., ADSON 12cm	1x1
09285-12	dissecting sciss., METZENBAUM curved, TC 12,0cm	1x1
09340-10	operating sciss.fine, IRIS straight, 10cm	1x1
09358-11	Cottle bulldog-scissors cvd., 11,5cm	1x1
09111-14	operating scissors, STANDARD pointed/blunt, curved, 14,5cm	1x1
13221-12	hemost.fcps., HALSTED-MOSQUITO curved, 12,0cm	1x1
25164-15	needle holder, CRILE-WOOD serrated, TC, 15cm	1x1
45706-35	Round knife, PLESTER 15,5cm, size 3,5mm	1x1
45722-10	hooklet, BARBARA 45° angled, 1,0mm	1x1
45757-16	dissector, FISCH right, 16cm	1x1
45755-16	dissector, FISCH left, 16cm	1x1
45704-15	sickle knife, WULLSTEIN 15,5cm	1x1
45724-03	hooklet, BARBARA 90° angled, 0,3mm	1x1
45724-06	hooklet, BARBARA 90° angled, 0,6mm	1x1
45724-10	hooklet, BARBARA 90° angled, 1,0mm	1x1
21108-14	probe myrtle leaf 14,5 cm	1x1
45371-40	McGEE, wire bending forceps 0,8 x 4,0mm, 8cm	1x1
45362-45	ear fcps.micro spoon oval 4,5mm, straight	1x1
45267-20	ear polypus forceps, HARTMANN D. 2,0mm, 8,5cm	1x1
45255-08	ear polypus forceps, WULLSTEIN 8,5cm	1x1
45310-40	ear scissors micro, BELLUCCI micro mini, 4mm	1x1
45315-55	ear scissors micro, BELLUCCI micro standard, 5,5mm, curved right	1x1
45317-55	ear scissors micro, BELLUCCI micro standard, 5,5mm, curved left	1x1
45324-03	FISCH, ear scissors, cvd. right 3,0x0,75x2,0mm, 8cm	1x1
45325-03	FISCH, ear scissors, cvd. left 3,0x0,75x2,0mm, 8cm	1x1

**SET/450: Nasenseptumsatz / Nasal Septum set /  
Juego para el septo nasal**

47102-03	nasal speculum, HARTMANN-HALLE Fig. 3	1x1
47120-50	Nasal speculum, KILLIAN 50mm	1x1
47120-75	nasal speculum, KILLIAN 75mm	1x1
47120-90	nasal speculum, KILLIAN 90mm	1x1
09341-11	operating sciss.fine, IRIS curved, 11cm	1x1
09305-14	operating sciss.fine, JOSEPH curved, 14,5cm	1x1
09350-10	Graefe scissors, 10cm fine pattern	1x1
47223-01	WEIL-BLAKESLEY nose forceps shaft 120mm, straight, 3.0mm, Fig.1	1x1
47242-00	nasal cutting fcps, TAKAHASHI shaft 120mm, 4x10mm tip, straight	1x1
09401-18	scissors nasal, HEYMANN 18cm	1x1
47159-20	LUBET-BARBON nasal dressing forceps, 20cm	1x1
41295-08	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 8	1x1
49107-19	tongue depressor, BRUENINGS 19cm	1x1
47565-10	COTTLE columella forcep 10cm	1x1
11188-12	forceps tissue, ADSON-BROWN 7x7 teeth, 12cm	1x1
11190-10	forceps, GRAEFE 10,5cm	1x1
11102-14	forceps dressing, 14,5cm	1x1
11120-14	forceps tissue 1x2 t. 14,5 cm	1x1
45206-16	ear forceps bayonet, LUCAE without teeth, 16cm	1x1
21270-14	cotton applicators, FARREL threaded, 14cm	2x1
47380-15	nasal plastic knife, COTTLE 15cm	1x1
47554-01	retractor, COTTLE Fig. 1 14.5cm	1x1
47410-04	septum elevator, McKENTY 15cm, 4mm	1x1
33700-05	hammer, COTTLE flat/convex D. 30mm, 240gr., 18cm	1x1
47415-18	FREER septum elevator, 18cm double ended, sharp/blunt	1x1
47454-04	rhinoplastic ostetome, COTTLE 18cm, straight, 4mm	1x1
47454-07	rhinoplastic osteotome, COTTLE 18cm, straight, 7mm	1x1
47423-22	septum elevator, COTTLE 22cm	1x1
25214-18	needle holder, DE-BAKEY serrated, TC, 18cm	1x1
15111-09	towel forceps, BACKHAUS 9cm	6x1
47351-26	nasal snare angled, KRAUSE 26cm	1x1
47355-03	loops 0,3 mm bundle of 12 ea.	1x1
47385-15	nasal plastic knife, JOSEPH 15cm curved	1x1
89127-08	Bowl round, stainless steel 80 x 40mm, 0,14 l. ( 5,6 OZ )	1x1
33720-19	periosteal elevator, BOIES 19cm, 9mm	1x1
91122-16	bipolar forceps pointed straight, 16,5cm total long	1x1

**SET/451: Rhinoplastiksatz / Rhinoplasty Set / Juego para rinoplastia**

07109-15	scalpel handle MINI 15,5cm	1x1
07103-00	scalpel handle no. 3 12,5cm	1x1
47380-15	nasal plastic knife, COTTLE 15cm	1x1
21272-14	cotton applicators, FARREL triangular, 14cm	2x1
09341-11	operating sciss.fine, IRIS curved, 11cm	1x1
09305-14	operating sciss.fine, JOSEPH curved, 14,5cm	1x1
09617-13	Rhinoplastic scissors, FOMON curved, 13cm	1x1
09401-18	scissors nasal, HEYMANN 18cm	1x1
47454-04	rhinoplastic osteome, COTTLE 18cm, straight, 4mm	1x1
47454-07	rhinoplastic osteome, COTTLE 18cm, straight, 7mm	1x1
47473-01	rhinoplastic chisel, SILVER 18cm, straight	1x1
47473-02	rhinoplastic chisel, SILVER 18cm, curved right	1x1
47473-03	rhinoplastic chisel, SILVER 18cm, curved left	1x1
47554-01	retractor, COTTLE Fig. 1 14.5cm	1x1
47556-16	FOMON Alar Hooklet 16cm	1x1
47559-20	hooklet, COTTLE-NEIVERT double, 20cm	1x1
47551-16	nasal retracator, AUFRICHT 16cm	1x1
47423-22	septum elevator, COTTLE 22cm	1x1
47426-22	septum elevator, KILLIAN 22cm	1x1
47410-04	septum elevator, McKENTY 15cm, 4mm	1x1
45206-14	ear forceps bayonet, LUCAE 14cm, without teeth	1x1
11188-12	forceps tissue, ADSON-BROWN 7x7 teeth, 12cm	1x1
47522-01	nasal rasp, FOMON 20cm, Fig. 1/2 TC	1x1
47522-04	nasal rasp, FOMON 20cm, Fig. 3/4 TC	1x1
47571-23	septum straight.fcps., ASCH 23cm	1x1
33700-05	hammer, COTTLE flat/convex D. 30mm, 240gr., 18cm	1x1
47532-19	nasal saw, JOSEPH 19cm, left	1x1
47534-19	nasal saw, JOSEPH 19cm, right	1x1
47120-75	nasal speculum, KILLIAN 75mm	1x1
47120-90	nasal speculum, KILLIAN 90mm	1x1
47223-01	WEIL-BLAKESLEY nose forceps shaft 120mm, straight, 3.0mm, Fig.1	1x1
47223-03	forceps, WEIL-BLAKESLEY shaft 120mm, straight, 4.2mm, Fig. 3	1x1
47461-00	COTTLE cartilage crusher	1x1
47255-01	nasal cut.fcps WATSON-WILLIAMS 7mm jaw straight, 120mm working lenth	1x1
25164-15	needle holder, CRILE-WOOD serrated, TC, 15cm	1x1
25164-18	needle holder, CRILE-WOOD serrated, TC, 18cm	1x1
41295-08	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 8	1x1
41295-10	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 10	1x1
47565-10	COTTLE columella forcep 10cm	1x1
47411-16	septum elevator, JOSEPH 16cm	1x1
47390-03	swivel knife, BALLENGER straight, 20cm, 3mm	1x1
47380-15	nasal plastic knife, COTTLE 15cm	1x1
33282-19	bone cut.fcps,COTTLE-KAZANJIAN 19cm	1x1
19216-02	hooklet sharp 2 prong, JOSEPH 2mm, 16cm	1x1
47323-19	septum fcps, MIDDLETON-JANSEN 19cm	1x1

**SET/452: Endonasaler Satz / Endonasal set / Juego endonasal**

41295-08	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 8	1x1
41295-10	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 10	1x1
45160-15	ear knife, POLITZER 15cm	1x1
47223-01	WEIL-BLAKESLEY nose forceps shaft 120mm, straight, 3.0mm, Fig. 1	1x1
47223-02	forceps, WEIL-BLAKESLEY shaft 120mm, straight, 3.6mm, Fig. 2	1x1
47223-03	forceps, WEIL-BLAKESLEY shaft 120mm, straight, 4.2mm, Fig. 3	1x1
47224-01	forceps, WEIL-BLAKESLEY shaft 120mm, 45° upcurved, size 1 3,0mm	
47224-02	forceps, WEIL-BLAKESLEY shaft 120mm, curved up, Fig. 2	1x1
47120-35	nasal speculum, KILLIAN 35mm	1x1
47120-50	Nasal speculum, KILLIAN 50mm	1x1
47120-75	nasal speculum, KILLIAN 75mm	1x1
47320-00	Biopsy fcps. with cup jaws	1x1
47195-01	nasal cutting forceps, LUC 19cm Fig. 1	1x1
47240-19	nasal cutting fcps., STRUYCKEN shaft 120mm, tip width 1,0mm	1x1
47315-00	OSTROEM Antrum punch up cutting, 2mm 100mm working length	1x1
09401-18	scissors nasal, HEYMANN 18cm	1x1
47305-01	nasal scissors, str. 11cm	1x1
47332-30	EICKEN (KILLIAN) antrum cannula 3.0mm long curved, 14cm long, stainless steel	1x1
47332-25	EICKEN (KILLIAN) antrum cannula 2.5mm long curved, 14cm long, stainless steel	1x1
47423-22	septum elevator, COTTLE 22cm	1x1
47158-20	WESTMACOTT nasal dressing forceps, 20cm	1x1

**SET/453: Satz für die endoskopische Nasennebenhöhlen-Chirurgie /  
Set for Endoscopic Paranasal Sinus /  
Juego para cirugia endoscopica del seno paranasal**

23181-40	Sinscopy-trocars 5mm Ø, oblique beak 8,5cm long, f. endoscope 4mm Ø w. pyramidal trocar and obturator	1x1
47103-02	nasal specula HARTMANN Fig. 2	1x1
R500-040175-000	Sinuscope 4mm Ø, 0° angle of view autoclavable, integrated fiber optic for illumination, 175mm work.length	1x1
R500-040175-030	Sinuscope 4mm Ø, 30° angle of view autoclavable, integrated fiber optic f. illumination, 175mm work.length	1x1
91159-19	bipolar forceps angled 2mm, 19,5cm	1x1
51293-45	tonsil injection needle 45° angled	1x1
47580-19	Sickle knife 19cm long, pointed	1x1
47415-18	FREER septum elevator, 18cm double ended, sharp/blunt	1x1
47399-01	Antrum spoon 55° 19cm	1x1
47399-02	Antrum spoon, 90°, 19cm	1x1
47388-04	Antrum curette, curved, 20cm/2,5mm, 30° oval	1x1
47423-22	septum elevator, COTTLE 22cm	1x1
41295-08	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 8	1x1
41295-10	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 10	1x1
47332-25	EICKEN (KILLIAN) antrum cannula 2.5mm long curved, 14cm long, stainless steel	1x1
47332-30	EICKEN (KILLIAN) antrum cannula 3.0mm long curved, 14cm long, stainless steel	1x1
47324-01	Maxillary antrum grasping forceps, straight, 90° backward opening, rigid jaw, working length 100mm	1x1
47223-30	nose forceps BLAKESLEY, straight, 3,0mm, working length 130mm	1x1
47223-35	nose forceps BLAKESLEY, straight, 3,5mm, working length 130mm	1x1
47224-30	nose forceps BLAKESLEY, 45° curved up, 3mm, working length 130mm	1x1
47305-01	nasal scissors, str. 11cm	1x1
47317-70	Sinuscopy forceps, shaft length 12cm, horizontal cutting, oval, 70°	1x1
47318-70	Sinuscopy forceps, shaft length 12cm, vertical cutting, oval, 70°	1x1
47320-00	Biopsy fcps. with cup jaws	1x1
47315-00	OSTROEM Antrum punch up cutting, 2mm 100mm working length	1x1
47316-00	OSTROEM Antrum-punch right cutting, 2mm 100mm working length	1x1
47317-00	OSTROEM Antrum-punch left cutting, 2mm 100mm working length	1x1
47240-19	nasal cutting fcps., STRUYCKEN shaft 120mm, tip width 1,0mm	1x1
47319-35	circular fcps. straight, dia. 3,5mm cutting 360°	1x1
47320-45	circular fcps. 4,5mm Ø, 65° upcurved	1x1

**SET/460: Tonsillektomie-Adenotomie Satz /  
Tonsillectomy and Adenoideectomy Set /  
Juego para amigdalactomia y adenotomia**

49342-01	tongue depress.,RUSSEL-DAVIS 29 x 67mm	1x1
49342-02	tongue depress.,RUSSEL-DAVIS 33 x 75mm	1x1
49342-03	tongue depress.,RUSSEL-DAVIS 38 x 85mm	1x1
49340-00	mouth gag only, DAVIS-MEYER	1x1
49111-15	tongue depressor, HARTMANN 15cm	1x1
47235-09	nasal cutting forceps,HARTMANN 9mm	1x1
49107-19	tongue depressor, BRUENINGS 19cm	1x1
53272-14	laryngeal mirror with handle Fig. 2, D. 14mm	1x1
53272-20	laryngeal mirror with handle Fig. 5, D. 20mm	1x1
51292-00	tonsil injection needle straight	1x1
51290-05	tonsil syringe 3 ring LL 5ml	1x1
15111-09	towel forceps, BACKHAUS 9cm	6x1
89127-08	Bowl round, stainless steel 80 x 40mm, 0,14 l. ( 5,6 OZ )	1x1
51256-28	tonsil snare, BRUENINGS 28cm	1x1
51259-04	tonsil loops 0,4mm Ø, pack of 12 pcs.	1x1
51209-20	tonsil seizing forceps,BLOHMKE 20cm	1x1
51205-18	tonsil seizing fcps, WHITE 18cm	1x1
09435-18	tonsil scissors, BOETTCHER curved, 18cm	1x1
05150-27	aspiration tube, YANKAUER complete, 27cm	1x1
51135-01	tonsil elevator, HENKE Fig. 1, 23cm	1x1
51183-19	tonsil forceps, SCHNIDT 19cm curved	1x1
13551-20	peritoneum forceps, MIKULICZ 20cm 1x2 teeth	1x1
11102-20	forceps dressing, 20cm	1x1
11120-20	forceps tissue 1x2 teeth, 20cm	1x1
47630-00	adenoid curette, BARNHILL 21cm, Fig. 0	1x1
47630-01	adenoid curette, BARNHILL 21cm, Fig. 1	1x1
47630-02	adenoid curette, BARNHILL 21cm, Fig. 2	1x1
47630-03	adenoid curette, BARNHILL 21cm, Fig. 3	1x1
47630-04	adenoid curette, BARNHILL 21cm, Fig. 4	1x1
51131-22	tonsil dissector, HURD 22cm	1x1
25214-18	needle holder, DE-BAKEY serrated, TC, 18cm	1x1
47245-01	naso-pharyngeal fcps. JURASZ 21cm, Fig.1	1x1
91154-19	bipolar forceps, 1mm tipstraight, 19,5cm long european flat connector	1x1

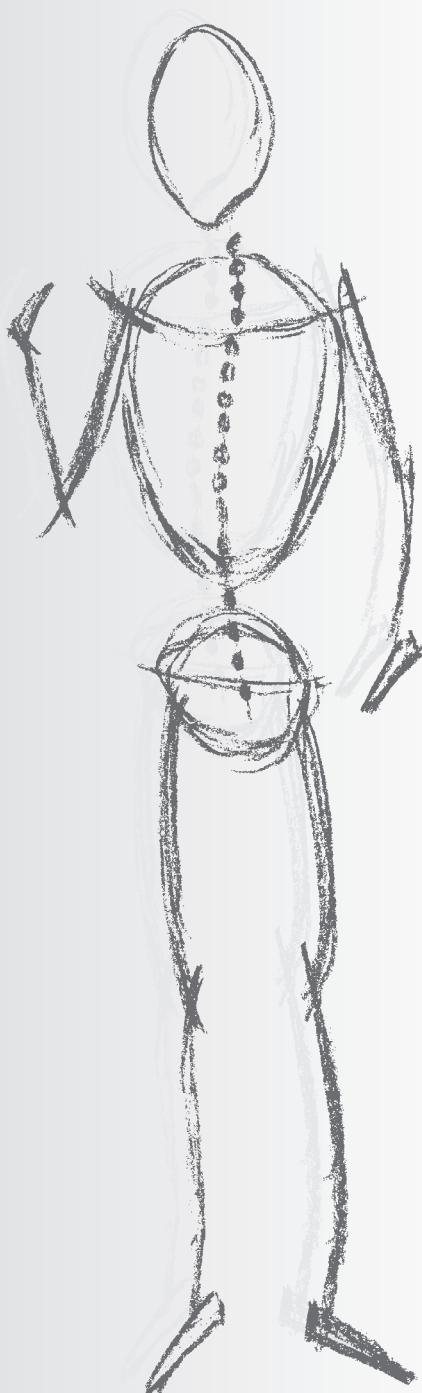
**SET/470: Laryngoskopiesatz für Erwachsene /  
Laryngoscopy Set for Adults /  
Juego de laringoscopia para adultos**

05301-04	operation laryng.,KLEINSASSER 170x28,5x18,5x15mm	1x1
05302-02	fiberglas-light-guide for 05301-03/04/ 05 and 06	1x1
05301-03	operation laryng.,KLEINSASSER 170x26x15,5x13,5mm	1x1
05302-02	fiberglas-light-guide for 05301-03/04/05 and 06	1x1
05301-02	operation laryng.,KLEINSASSER 150x20,5x13x10,5mm	1x1
05302-01	fiberglas-light-guide	1x1
05300-01	Chest support compl.KLEINSASSER for adults	1x1
53295-23	Needle holder with ratchet, straight jaw 1,8x3,5mm, serrated, WL 23cm	1x1
53280-01	micro laryngeal grasp.forceps straight serrated 1,5x10mm	1x1
53280-02	micro laryngeal grasp.forceps curved to left,serr.1,5x8,5mm	1x1
53280-03	micro laryngeal grasp.forceps curved to right,serr.1,5x8,5mm	1x1
53280-04	micro laryngeal cup forceps straight, 2,5mm Ø, 22cm long	1x1
53280-05	micro laryngeal cup forceps angled to left, 2,5mm	1x1
53280-06	micro laryngeal cup forceps angled to right, 2,5mm	1x1
53280-07	micro laryngeal cup forceps angled up 2,5mm	1x1
53280-08	micro laryngeal scissors straight vertical cutting 22cm long	1x1
53280-09	micro laryngeal scissors curved to left	1x1
53280-10	micro laryngeal scissors curved to right	1x1
41291-25	BYRD, suction tube, self cleaning, 2.5m	1x1
41292-01	injection cannula, straight, LUER-LOCK, working length 23cm	1x1
53290-08	handle for micro-laryngeal instruments 53290-01 - 53290-07	1x1
53290-01	micro-laryngeal sickle knife curved	1x1
53290-02	micro-laryngeal separador, oval, horizontal	1x1
53290-05	micro-laryngeal hook, 90° angled, blunt	1x1
41312-26	Coagulation suction tube monopolar 2,5mm button 3,5mm Ø, 260mm working length, angled, HF-connector male	1x1
R060-050040-003	Monopolar HF-connecting cable, 3mtr. lg. 5mm PIN for ERBE / Storz HF-units 4mm socket instrument side	1x1

**SET/480: Tracheotomie Satz / Tracheotomy Set /  
Juego para traqueotomia**

07103-00	scalpel handle no. 3 12,5cm	1x1
49107-19	tongue depressor, BRUENINGS 19cm	1x1
19220-01	retractor (trach.) pointed 1 prong, 16cm	1x1
19220-02	retractor (trach.) pointed 2 prongs, 16cm	1x1
19280-04	retractor, VOLKMANN pointed, 21,5cm, 4 teeth	2x1
55511-21	thyroid retractor, SCHOENBORN 21cm	1x1
19312-02	retractor, LANGENBECK 21cm, 30x14mm	2x1
19314-20	retractor, KOCHER-LANGENBECK 21cm, 60x20mm	2x1
21270-14	cotton applicators, FARREL threatened, 14cm	2x1
47415-18	FREER septum elevator, 18cm double ended, sharp/blunt	1x1
33718-16	periosteal elevator, JOSEPH 16cm, 4mm	1x1
09283-15	diss.scissors,METZENBAUM-FINO curved, 15cm	1x1
09110-14	operating scissors, STANDARD pointed/blunt, straight 14,5cm	1x1
47120-50	Nasal speculum, KILLIAN 50mm	1x1
47120-75	nasal speculum, KILLIAN 75mm	1x1
41295-08	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 8	1x1
41295-12	suction tube, FRAZIER/FERGUSSON 19cm, 30°, Charr. 12	1x1
11102-14	forceps dressing, 14,5cm	1x1
11120-14	forceps tissue 1x2 t. 14,5 cm	2x1
11188-12	forceps tissue, ADSON-BROWN 7x7 teeth, 12cm	1x1
17110-20	dressing forceps, GROSS-MAIER straight, 20cm	1x1
51183-19	tonsil forceps, SCHNIDT 19cm curved	1x1
13310-16	hemost.fcps. ,ROCHESTER-PEAN straight,16cm	1x1
13310-14	hemost.fcps. ,ROCHESTER-PEAN straight, 14cm	1x1
13320-14	hemost.fcps.,ROCHESTER-OCHSNER 1x2 teeth, straight, 14cm	2x1
13221-12	hemost.fcps.,HALSTED-MOSQUITO curved, 12,0cm	4x1
15111-09	towel forceps, BACKHAUS 9cm	6x1
25164-15	needle holder, CRILE-WOOD serrated, TC, 15cm	1x1
19670-14	retractor, WEITLANER sharp, 14,0cm	1x1
47235-07	nasal cutting forceps,HARTMANN 7mm	1x1
55111-14	tracheal dilator, TROUSSEAU 14cm	1x1
55122-16	trachea hook, BOSE 16cm, left	1x1
55124-16	trachea hook, BOSE 16cm, right	1x1
55520-15	goitre seizing forceps, LAHEY 15cm	1x1
55501-15	goitre director, KOCHER 15cm, without hole	1x1
55240-08	trach.tube,CHEVALIER-JACKSON germ.silver,Fig.4, D. 8mm, 65m	1x1
55240-09	trach.tube,CHEVALIER-JACKSON germ.silver,Fig.5, D.9mm, 70mm	1x1
21110-14	grooved director, 14,5cm	1x1
55151-09	tube, WAGENER-MOSHER 9mm	1x1
91154-19	bipolar forceps, 1mm tip straight, 19,5cm long european flat connector	1x1

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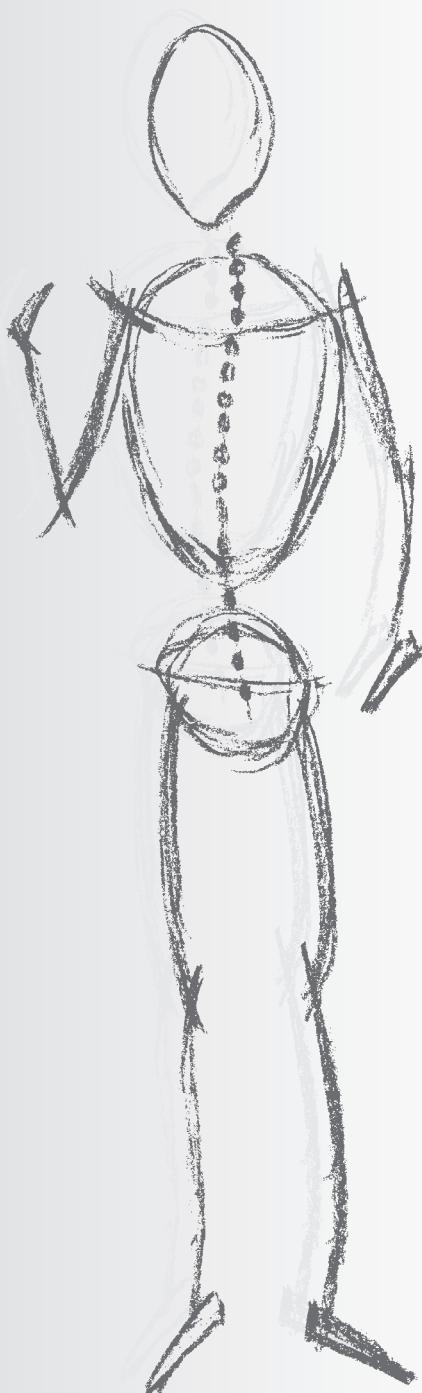
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