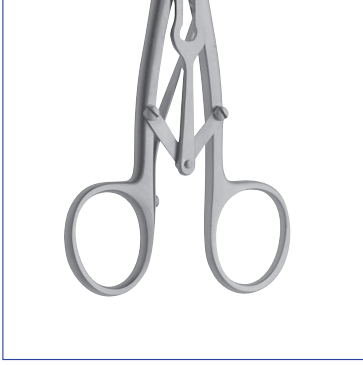
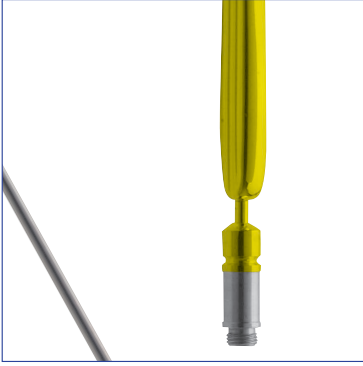


HNO/SINUSKOPIE
ENT/SINUSCOPY
ORL/SINUSCOPIÁ







HADEO

INSTRUMENTE GERMANY



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	19	0,97	0,038
19	6,33	0,249	18	1,07	0,042
20	6,67	0,263	17	1,27	0,050
21	7,00	0,2756	16	1,50	0,059
22	7,33	0,288	15	1,65	0,065
23	7,67	0,302	14	1,83	0,072
24	8,00	0,3150	13	2,11	0,083
25	8,33	0,328	12	2,41	0,095
26	8,67	0,341	11	2,77	0,109
27	9,00	0,3543	10	3,05	0,120
28	9,33	0,367	9	3,40	0,134
29	9,67	0,380	8	3,76	0,148
30	10,00	0,3973	7	4,19	0,165
31	10,33	0,407	6	4,57	0,180
32	10,67	0,420		5,16	0,203
34	11,33	0,446			
36	12,00	0,4724			
38	12,67	0,494			
40	13,33	0,5199			
45	15,00	0,5905			

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

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

GARANTIE / WARRANTY / GARANTIA / GARANZIA

GARANTIE

Wir gewähren auf alle Hadeo Instrumente 3 Jahre Garantie. Voraussetzung ist der sach- und fachgerechte Einsatz der Instrumente.

Von der Garantie sind Verschleißerscheinungen ausgeschlossen.

WARRANTY

Our Hadeo products are free from manufacturing defects in material and workmanship. We therefore give on all instruments a guarantee of 3 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 Hadeo 3 años de garantía contra cualquier defecto de fabricación, siempre y cuando se usen adecuadamente. De la garantía excluimos la manifestación de desgaste.

GARANZIA

Siamo convinti della nostra qualità e concediamo 3 anni di garanzia sulla funzione dei tutti gli strumenti Hadeo sotto la presupposizione che l'utilizzo è da esperto.

Escluso della garanzia sono tracce di consumo.

Arbeitsanweisung Aufbereitung (Reinigung) und Sterilisation von resterilisierbaren chirurgischen Instrumenten

Hersteller:
Hadeo Instrumente

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

Reinigungsvorbereitung

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

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

Überfüllung von Instrumentensieben und Wasch-Trays vermeiden.

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

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

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

Sterilisation ist kein Ersatz für Sauberkeit!

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

Hadeo Instrumente

IMPORTANT INFORMATION CONCERNING PREPARING AND STERILIZING SURGICAL INSTRUMENTS

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

1. INITIAL USE

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

2. TREATING INSTRUMENTS AFTER USAGE

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

3. TESTING FOR CORRECT FUNCTIONING

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

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

4. STERILIZATION

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

5. IN GENERAL

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

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

SUGERENCIAS PARA LA LIMPIEZA, ESTERILIZACIÓN Y MANTENIMIENTO DE INSTRUMENTOS QUIRÚRGICOS

ENJUAGADO

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

LIMPIEZA

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

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

a.- Limpieza en la pila de ultrasonido

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

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

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

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

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

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

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

b.- Limpieza con lavadora

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

c.- Limpieza manual

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

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

SECADO, LUBRIFICACIÓN E INSPECCIÓN

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

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

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

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

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

ESTERILIZACIÓN EN AUTOCLAVE

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

Instrumentos individuales:

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

Instrumentos en serie:

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

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

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

ATENCIÓN

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

ESTERILIZACIÓN EN FRÍO

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

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

Recuerde bien la diferencia entre:

ESTÉRIL - término absoluto (ningún organismo logra sobrevivir) y

DESINFECTADO - perfectamente limpio.

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

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

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

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



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

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ENDOSKOPE

ENDOSCOPES

ENDOSCOPIOS

HADEO
INSTRUMENTE GERMANY

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
 Nasolaryngoscopia Ultra-slim



R805-130402-034

300 mm Nutzlänge / working length / largo útil

3,4 mm Durchmesser / diameter / diametro

130° aufwärts / abwärts Schwenkbereich des distalen Endes
 up / down Bending range of distal tip
 hacia arriba / hacia abajo distal final girable

0° Blickwinkel / direction of view / direccion de vista

Endoskope / Optische Zange
Endoscopes / Optical Forceps
Endoscopios / Pinza opticaautoklavierbar / autoclavable / autoclavable
max. 134°C, 2,3 bar

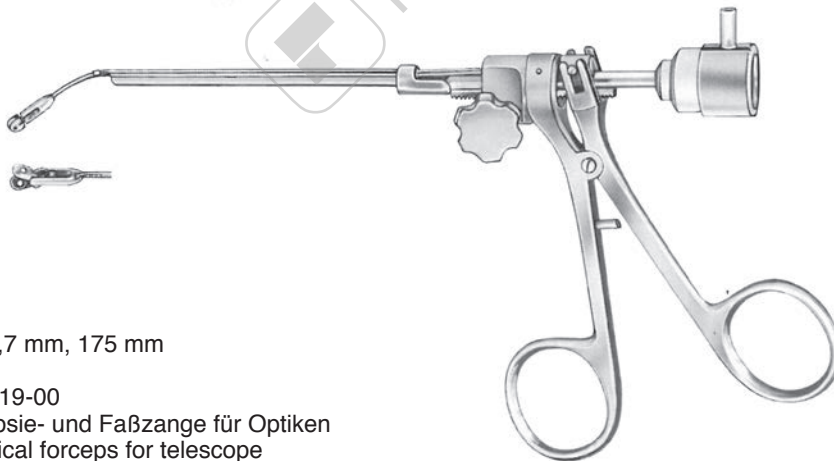
Sinuskop - Sinuscope - Sinuscopio



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°

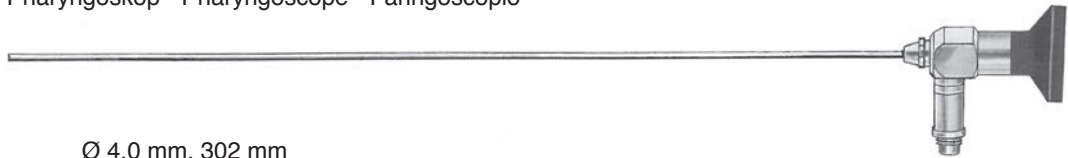
Ø 2,7 mm, 175 mm

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



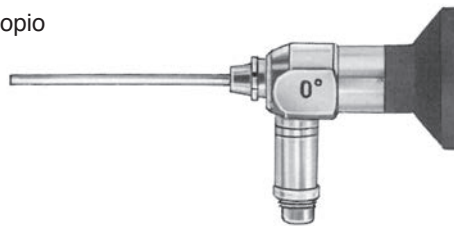
Ø 4,0 mm, 302 mm

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

Wondershare
PDFelement

Endoskope
Endoscopes
Endoscopiosautoklavierbar / 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

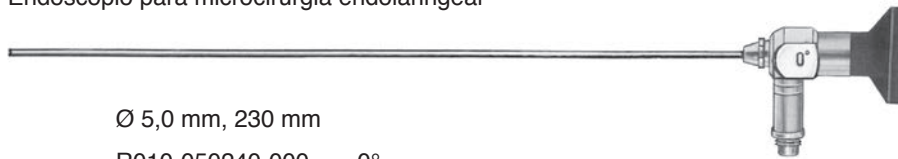
Ø 11 mm, 173 mm

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 microcirurgia endolaringeal



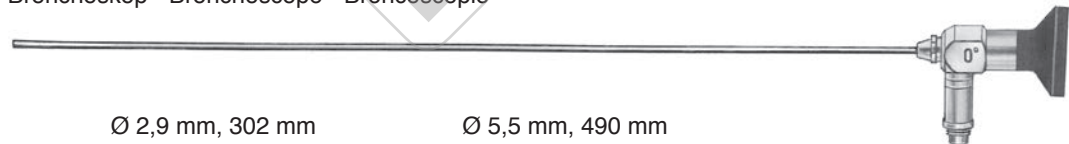
Ø 5,0 mm, 230 mm

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°

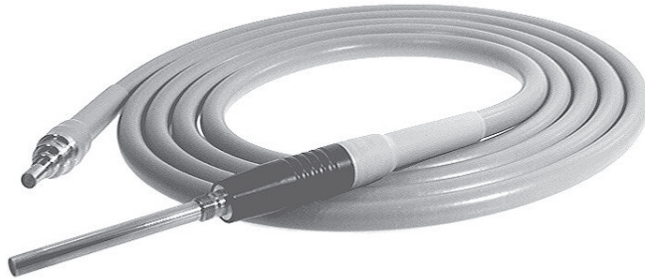
R010-030302-030 30°

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



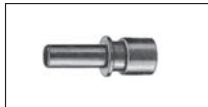
verklebt für Halogen Licht bonded for Halogen Light para luz halogena	Ø	cm	verschmolzen für Xenon Licht fused for Xenon Light para luz Xenon
R900-035180-00	3,5	180	R901-035180-00
R900-035230-00	3,5	230	R901-035230-00
R900-035300-00	3,5	300	R901-035300-00
R900-035350-00	3,5	350	R901-035350-00
R900-048180-00	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

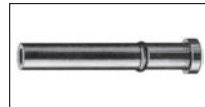


Adapter zu Lichtquelle
Adapters to light source
Adaptador a la fuente de luz

INNEN - IN - INTERIOR



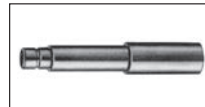
R900-000000-01
Storz / Aesculap



R900-000000-11
Fuji



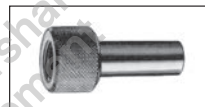
R900-000000-03
Wolf / Henke Sass /
Dyonics / Medicon /
Comeg



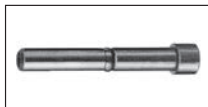
R900-000000-13
Heine-Optotechnik



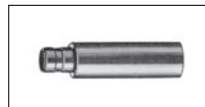
R900-000000-05
ACM / British /
Codman



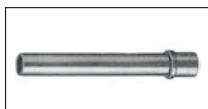
R900-000000-15
Winter+IBE



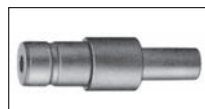
R900-000000-07
Olympus



R900-000000-21
MLW



R900-000000-09
Pentax



R900-000000-31
Volpi / Schöilly /
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

STIRNLAMPEN

HEAD LIGHTS

LÁMPARAS FRONTALES



Wondershare
PDFelement



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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

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

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

03180-92
Stirnreifen, allein

03180-92
head band, only

03180-92
cinta, suelta

03180-93
Spiegel, allein
90 mm ø

03180-93
Mirror, only
90 mm ø

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- \varnothing 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 homogénea haz de luz con soportes laterales. Facilmente ajustable con el sistema de rueda. Suministrado sin adaptador para fuente de luz.



03192-01

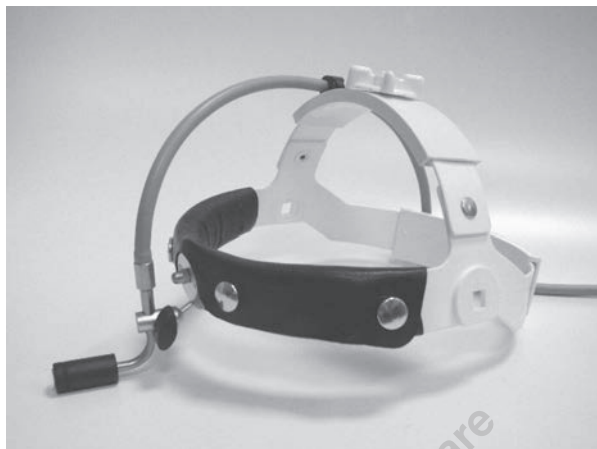
wie 03192-00, aber Projektorseite 90°
same as 03192-00, but projector side 90° angled
como 03192-00, pero terminal para proyector angulado en 90°



03193-20

Adapter
Adapter
Adaptador

HNO Stirnleuchte, 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- \varnothing 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 \varnothing 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

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



03195-01
ø 55 mm

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



03195-06
6 Volt



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
Lámpara frontal Xenon con caja para batería



03194-01
Ersatzlampe mit Reflektor
Spare lamp with reflector
Lámpara de repuesto con reflector

Wondershare
PDFelement

03196-00
Kabellose OP-LED-Stirnleuchte,
schwarz, mit Kopfbügel und Akku

Wireless OP-LED-Headlight,
black, with headband

Lámpara frontal LED, inalámbrica,
negra con cinta y batería





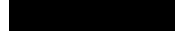


BOHRER

BURRS

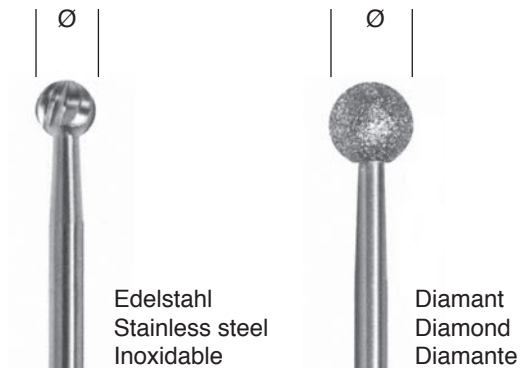
BROCAS

HADEO
INSTRUMENTE GERMANY



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



Edelstahl
 Stainless steel
 Inoxidable

Diamant
 Diamond
 Diamante

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

Bohrer 70 mm, Schaft 2,35 mm
 Burrs, 70 mm, Schaft 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	



HOCHFREQUENZ-
CHIRURGIE

HIGH FREQUENCY
SURGERY

CIRUGIA DE ALTA
FRECUENCIA



Wondershare
PDFelement

HADEO
INSTRUMENTE GERMANY



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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°

Schaft
shaft
vástago
Ø 2,4 mm

Serie STANDARD



91020-01



91020-02

Schaft
shaft
vástago
Ø 4 mm



91020-03



91020-04



Ø mm
5 91022-05



Ø mm
10 91024-10



Ø mm
2 91030-02

Schaft
shaft
vástago
Ø 4 mm

10 91022-10
20 91022-20

15 91024-15
20 91024-20

4 91030-04
6 91030-06

Bipolare Koagulation
Bipolar Coagulation
Coagulación bipolar



91102-11
11 cm, 4 3/8"

91104-11
11 cm, 4 3/8"

91109-11
11 cm, 4 3/8"
45°
0.5 mm

91113-11
11 cm, 4 3/8"
45°
0.5 mm

91115-11
11 cm, 4 3/8"
45°
0.5 mm



91122-16
16,5 cm, 6 1/2"
0.5 mm

91123-16
16,5 cm, 6 1/2"
0.5 mm

91124-16
16,5 cm, 6 1/2"
1 mm

91125-16
16,5 cm, 6 1/2"
0.5 mm

91127-16
16,5 cm, 6 1/2"
1 mm

Bipolare Koagulation
Bipolar Coagulation
Coagulación bipolar



91142-16
16,5 cm, 6 □“
1 mm



91144-16
16,5 cm, 6 □“
0.5 mm



91146-16
16,5 cm, 6 □“
1 mm



91152-19
19,5 cm, 7 □“
0.3 mm



91154-19
19,5 cm, 7 □“
1 mm



91157-19
19,5 cm, 7 □“
1 mm



91159-19
19,5 cm, 7 □“
2 mm

Bipolare Koagulation
Bipolar Coagulation
Coagulación bipolar



91162-19
19,5 cm, 7 □“
0.3 mm



91164-19
19,5 cm, 7 □“
1 mm



91166-19
19,5 cm, 7 □“
2 mm



91167-19
19,5 cm, 7 □“
1 mm



91169-19
19,5 cm, 7 □“
1 mm



91172-03 - 91172-12
22,5 cm, 8.9“



91172-03
0,3 mm



91172-07
0,7 mm









91172-12
1,2 mm

Verbindungskabel, bipolar
Connection Cords, bipolar
Cables de conexión, bipolar

Unit side

Instrument side

	Cable length Meter	Flat plug europe	
			
Erbe / Storz 12,5 mm Ø 	3	R065-040125-003	R065-040125-103
	5	R065-040125-005	R065-040125-105
Martin / Berchtold 8 mm Ø AESCULAP Wolf 	3	R065-020080-003	R065-020080-103
	5	R065-020080-005	R065-020080-105
Valleylab / Lamidey / EMC 	3	R065-040285-003	R065-040285-103
	5	R065-040285-005	R065-040285-105
2-Pin U.S. Standard Eschmann 	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

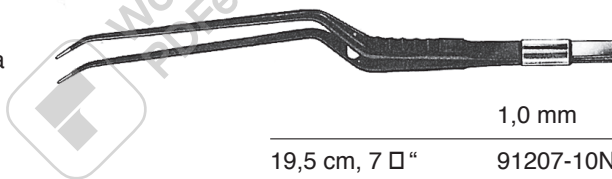
abgewinkelt 45°
angled 45°
angulada 45°



	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 STICKBipolare Koagulation
Bipolar Coagulation
Coagulación bipolarbayonett gerade
bayonet straight
bayoneta recta

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

bayonett nach oben
bayonet upwards
bayoneta hacia arriba

	1,0 mm
19,5 cm, 7 □“	91207-10N
22,0 cm, 8 □“	91227-10N

bayonett nach unten
bayonet downwards
bayoneta hacia abajo

	0,5 mm	1,0 mm
16,0 cm, 6 □“	91168-05N	91168-10N
19,5 cm, 7 □“		91208-10N
22,0 cm, 8 □“		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.

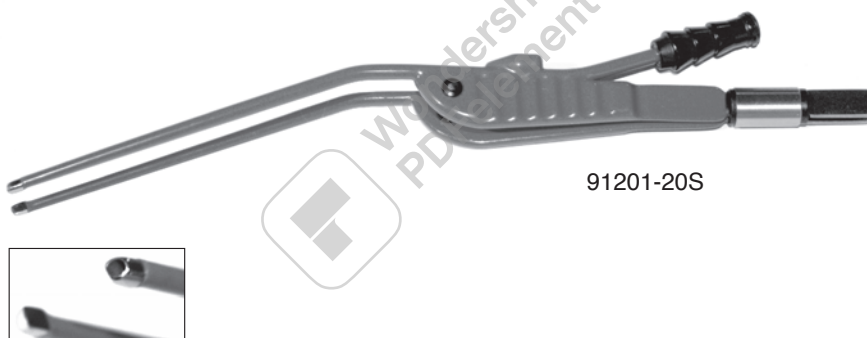
An der Schlaucholive können verschiedene Schlauchdurchmesser angeschlossen werden.

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.



91201-20S

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"



Wondershare
PDFelement

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 □"





OTOLOGIE

OTOLOGY

OTOLOGÍA

HADEO
INSTRUMENTE GERMANY

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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 \varnothing für 2 Batterien Typ C. Mit abnehmbarem Abdeckglas in Kunststoff-Fassung mit Plastikconnector für den pneumatischen Test. Die verchromte Schwenklinse ist abnehmbar und vergrößert 4,0-fach. Die Lichtstärke kann anhand des Rheostates reguliert werden. Mit 3 wiederverwendbaren Ohrtrichtern 2, 3 und 4 mm \varnothing . 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 \varnothing 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 \varnothing para dos pilas tipo C. Con cristal de cubierto desmontable en armadura plástica. Con conector plástico para el test neumático. La lente giratoria es desmontable y amplifica 4,0 veces mas. La intensidad de la luz es regulable con el reostato. Con tres especulos reutilizables 2, 3 y 4 mm \varnothing . 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 o a -20 dioptrías. Y con una apertura: gran círculo. Con mango a pilas: cromado 28 mm ø para dos pilas tipo C. La intensidad de la luz es regulable con el reostato. Completo en bolsa de plástico de color gris plata.

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 Plastikconnector für pneumatischen Test. Abnehmbarer Schwenklinse (Vergrößerung 4,0-fach). 3 wiederverwendbaren Ohrtrichtern 2, 3 und 4 mm \varnothing . 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 \varnothing 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 \varnothing for 2 C-cell batteries. Chrome-plated. With thumb wheel for securing pin-contact heads. Rheostat for adjustment of illumination.

No. 03161-02

Este estuche de diagnóstico con iluminación standard 2,5 V es muy popular y muy económico, apropiado para estudiantes y médicos. Juego, compuesto de: Cabeza otoscopio cromado, con cierre de tornillo. Con cristal de cubierto en armadura plástica, con conector plástico para el test neumático. Con lente giratorio desmontable (amplificación: 4 veces más). Cabeza oftalmoscopio May con cierre de tornillo. Con ayuda de la rueda de lentes se puede elegir lentes de corrección de 0 a +20 y 0 a -20 dioptrías. Con una apertura: gran círculo. Mango a pilas cromado, 28 mm \varnothing 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) Ophthalmoskop, 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.
Contents 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 pneumatischen Test und Plastikröhrchen mit jeweils 5 wiederverwendbaren Ohrtrichtern 2,5 und 4,0 mm geliefert. Komplet in modernem schwarzen Kunststoffetui.

Nr. 03171-00 - Otoskop mit Griff AA.

Nr. 03171-01 - Ophthalmoskop mit Griff AA.

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

Economically priced state-of-the-art quality instrument made of plastics, gray color, with Xenon illumination XL 2,5 V. Due to its small size it is most suitable for each practitioner's bag. Otoloscope: 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. Otoloscope 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 - Otoloscope with AA-handle.

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

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

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

- schwarz
black
negro
- 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



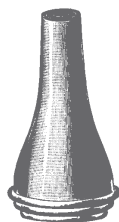
TOYNBEE
45012-00
Set = 5,5 - 7,5 mm

- 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

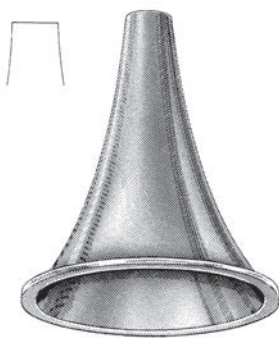
- Innen Ø
- = 4,5 mm
45015-45
 - = 5,5 mm
45015-55
 - = 6,5 mm
45015-65



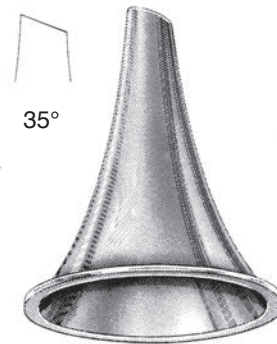
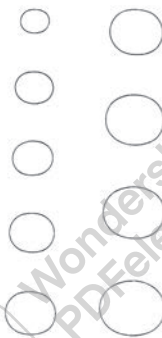
BOUCHERON
45018-00
Set = 4

- 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
Especulos auriculares

6,5 mm



45030-06

7,5 mm



45030-07

8,2 mm

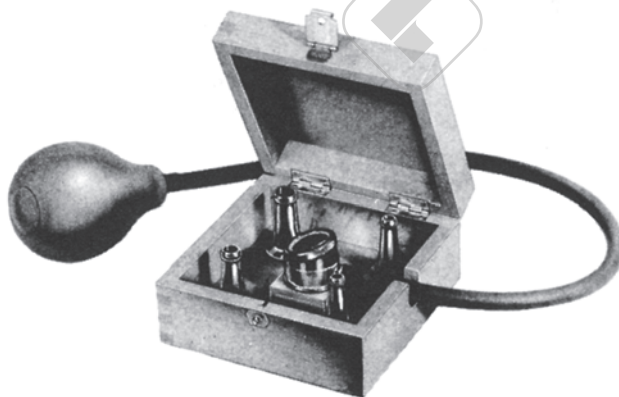


45030-08

10 mm



45030-10

BRUENINGS
45030-04

45030-04

Komplett bestehend aus:
4 Spekula, Saugkammer mit
Gebläse, HolzetuiComplete consisting of:
4 specula, suction head and rubber
tube with bulb, wooden caseCompuesto 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

Ohrspekula
Ear Specula
Espéculos auriculares



7,5 mm Ø



45036-06



8,5 mm Ø



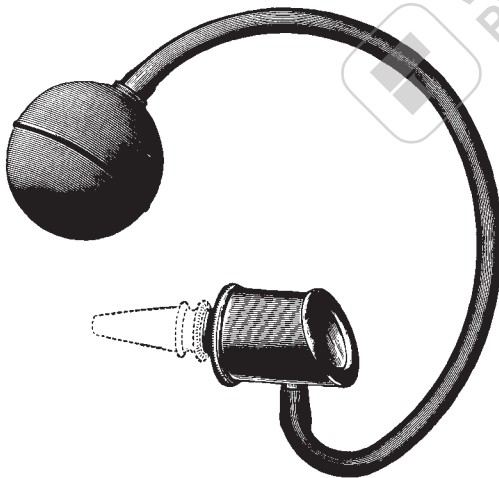
45036-07



9,5 mm Ø



45036-08



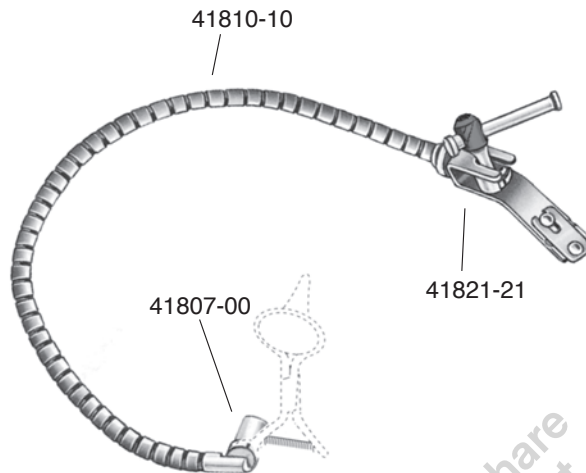
45036-03
Komplett bestehend aus:
Ohrspekulum, 3 Spekula, 1 Gebläse

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

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

SIEGLE
45036-03

Ohrspekulahalter
Ear Specula Holder
Soporte para espejos auriculares



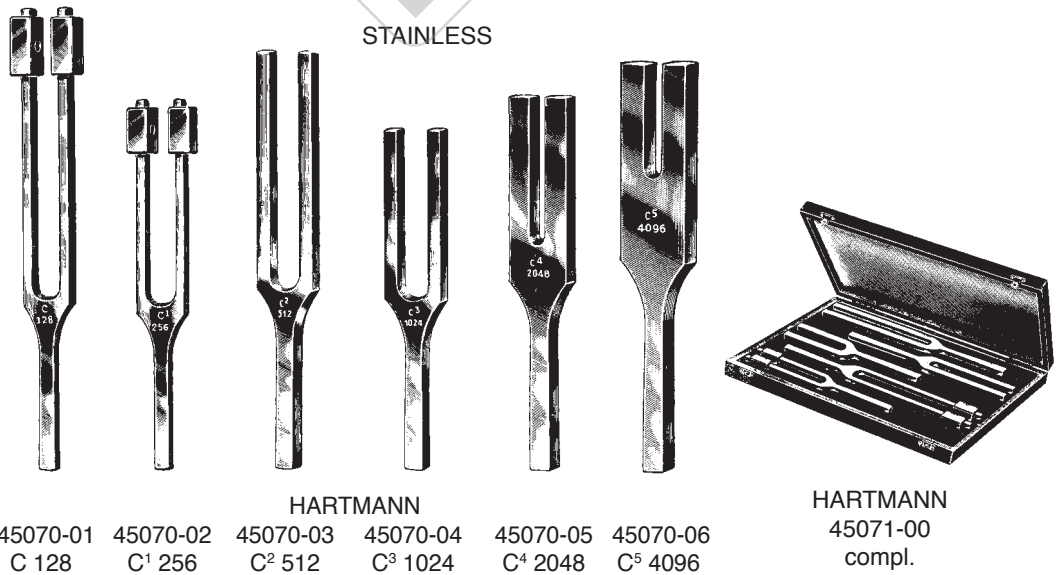
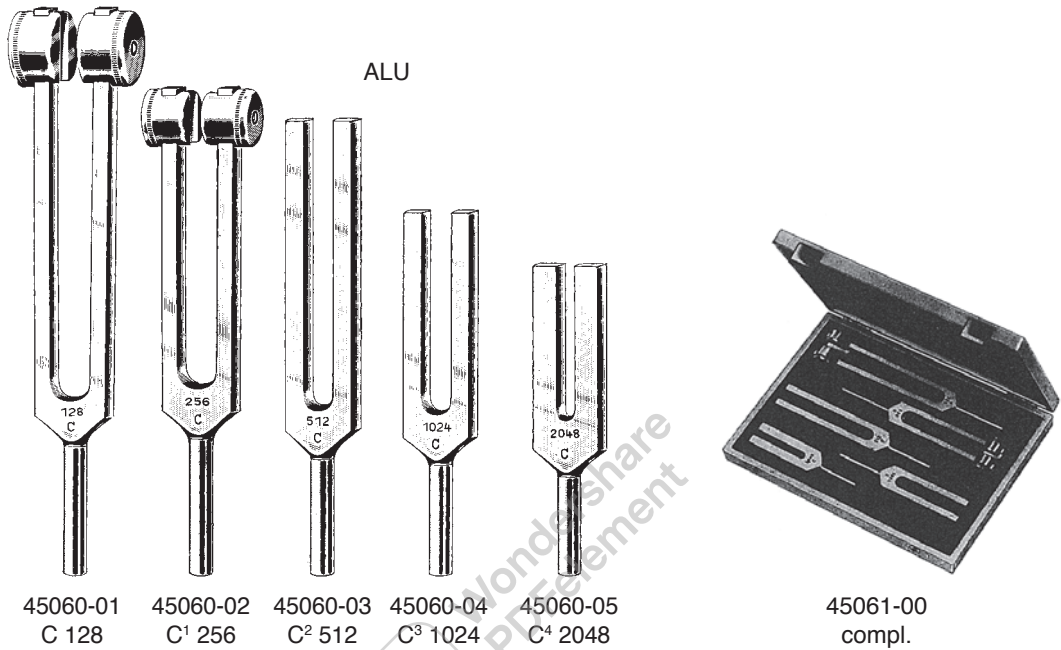
YASARGIL

- 41803-01 Ohrspekulahalter, komplett, bestehend aus:
ear specula holder, complete, consisting of:
soporte para espejos 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
Ohrspekulahalter alleine
Ear specula holder only
Soporte para espejos auriculares, suelto

Stimmgabeln
Tuning Forks
Diapasones



Stimmgabeln
Tuning Forks
Diapasones



45072-01
a¹ 440

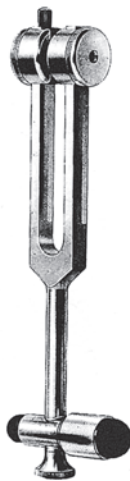


LUCAE

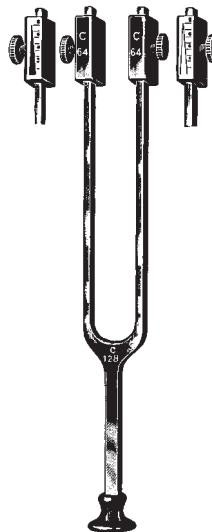
- 45073-01 C 128
- 45073-02 C¹ 256
- 45073-03 C² 512
- 45073-04 C³ 1024
- 45073-05 C⁴ 2048
- 45073-06 C⁵ 4096



LUCAE
45074-01
C 128



45075-00

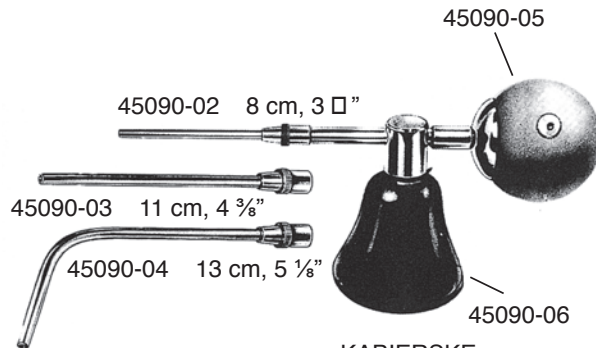


RYDEL-SEIFFERT
45076-01 C 128 / C 64

Lärmtrommel, Pulverbläser
Noise Apparatus, Powder Blowers
Ensordecador, Lanzapolvo

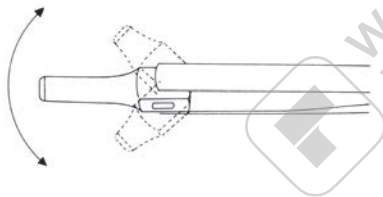


BARANY
45080-00



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



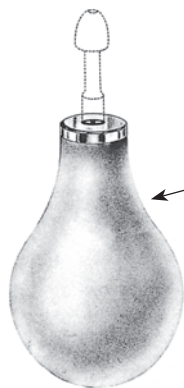
UNIVERSAL
45090-08

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



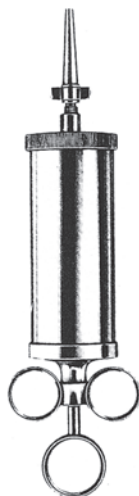
45091-17
17 mm Ø



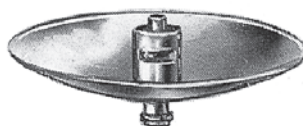
45091-22
22 mm Ø

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

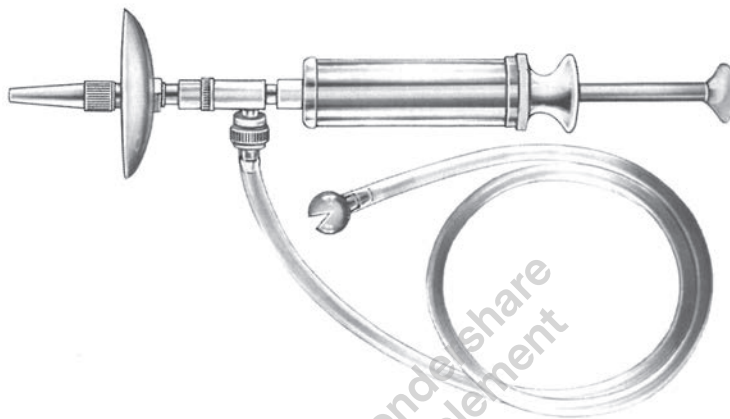


45097-02



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

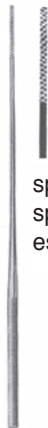
Ohrsonden, Watteträger
Ear Probe, Cotton Applicators
Sondas auriculares, Porta-algodones

ø 1 mm
Silber



STACKE
21115-10
10,5 cm 4.1"

ø 1,2 mm



spiralförmig
spiral threads
estrías espirales

FARRELL

4 □ " 21270-12 12,0 cm
5 □ " 21270-14 14,0 cm
6 □ " 21270-16 16,5 cm

ø 1,2 mm



FARRELL

21272-12 12,0 cm
21272-14 14,0 cm
21272-16 16,5 cm

ø 1 mm



spiralförmig
spiral threads
estrías espirales

FROHN

4 □ " 21277-12 12,0 cm
5 □ " 21277-14 14,0 cm
6 □ " 21277-16 16,0 cm

Watteträger
Cotton Applicators
Porta-algodones



spiralförmig
spiral threads
estrías espirales



HADEO
21290-12 12,0 cm, 4 □“
21290-14 14,0 cm, 5 □“
21290-16 16,0 cm, 6 □“

HADEO
21292-12 12,0 cm, 4 □“
21292-14 14,0 cm, 5 □“
21292-16 16,0 cm, 6 □“



UCKERMANN
21310-15 15 cm, 6“

ø 3 mm



JOBSON-HORNE
21320-12 12 cm, 4 □“
21320-18 18 cm, 7“

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



GROSS
45171-12
12 cm, 4 □"



GROSS
45173-12
12 cm, 4 □"



45180-01



45180-02



45180-03

BILLEAU
16 cm, 6 □"



LANGENBECK
45181-13
13 cm, 5 1/8"

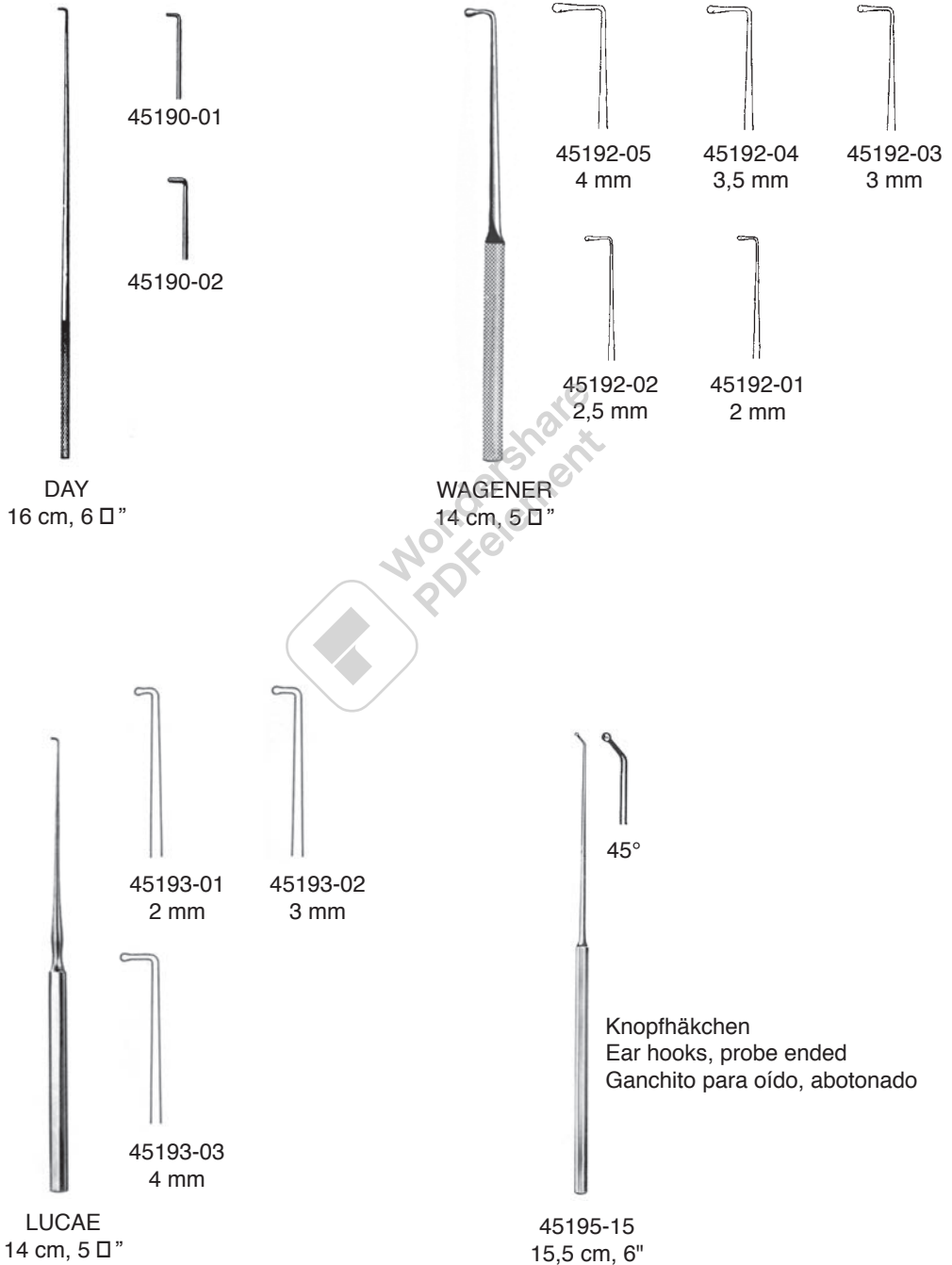


ZAUFAL
45184-16
16 cm, 6 □"



ZAUFAL-JANSEN
45185-15
15 cm, 6"

Häkchen
Ear Hooks
Ganchitos



Ohrschlingen
Ear Loops
Lazos auriculares



45194-01



45194-02



45194-03



45194-04



SHAPLEIGH
13 cm, 5 1/8"



45195-00



45195-01















45195-02










WEBER-LOCH
16 cm, 6 1/8"

Ohrküretten
Ear Currettes
Curetas auriculares

	Innen Ø Inner Ø interior Ø	1.5 mm	1.9 mm	2.5 mm	2.7 mm
Küretten Currettes 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 □"

Ohrküretten
Ear Currettes
Curetas auriculares

	Innen Ø Inner Ø interior Ø	3.4 mm	4.0 mm	4.5 mm
Küretten Currettes 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 □"

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

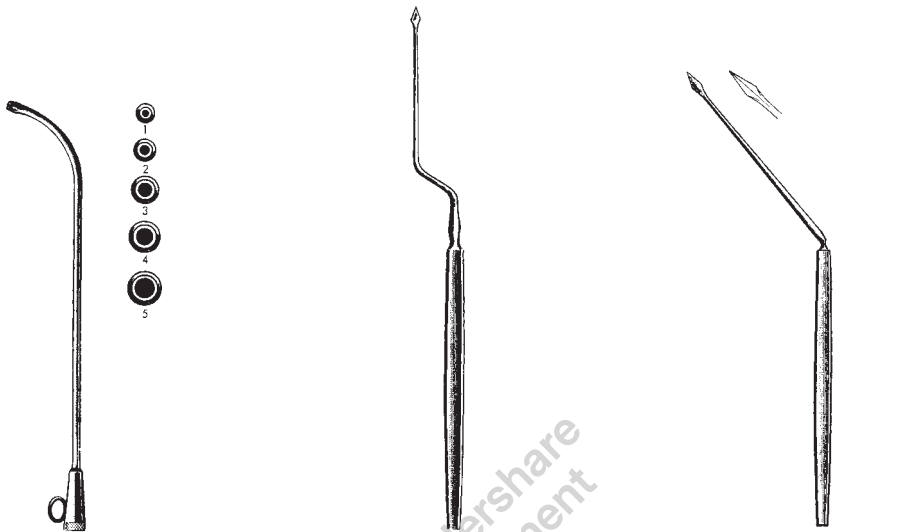


Fig. HARTMANN
1 45133-01 2,5 mm
2 45133-02 3,0 mm
3 45133-03 3,5 mm
4 45133-04 4,0 mm
5 45133-05 5,0 mm

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 1/4"



POLITZER
45160-15
15 cm, 6"



SEXTON
45162-18
18 cm, 7"

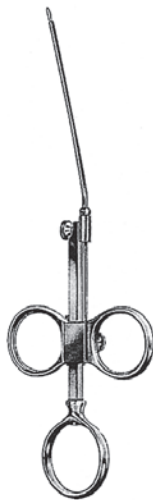


SEXTON
45164-17
17 cm, 6 3/4"

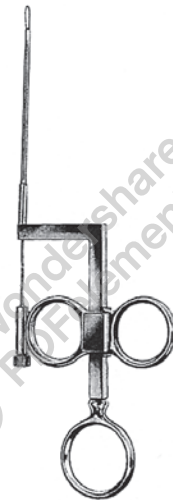


SEXTON
45165-17
17 cm, 6 3/4"

Ohrpolypenschnürer
Ear Polypus Snares
Polipotomos auriculares



KRAUSE
45220-16
16 cm, 6 □"



WILDE
45222-17
17 cm, 6 □"

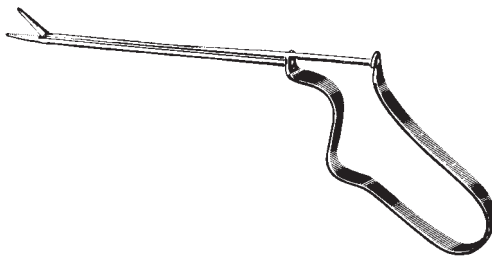


45225-02
doz./doc./dozz.
0,2 mm

Fremdkörperheber
Foreign Body Levers
Elevadores para cuerpos extraños

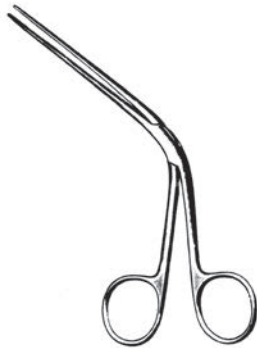


QUIRE
45251-10
10 cm, 4"



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

Ohrzängchen
Ear Forceps
Pinzas auriculares



TILLEY
45243-14
14 cm, 5 □"



LITTAUER
45245-12
12 cm, 4 □"

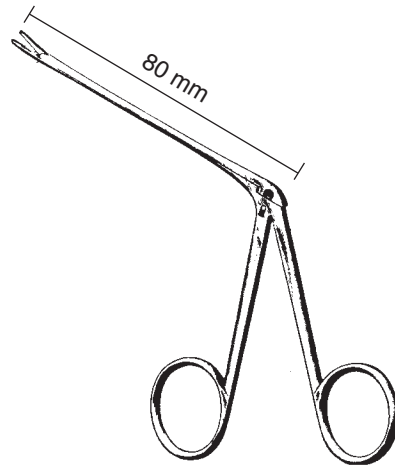


HARTMANN
45246-12
12 cm, 4 □"



HARTMANN
45246-14
14 cm, 5 □"

Mikro Ohrzängchen
Micro Ear Forceps
Micro pinzas auriculares



o 1 mm Ø



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



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



HARTMANN
45261-08 8,5 cm, 3.4"
45261-14 14,0 cm, 5 1/2"
45261-16 16,0 cm, 6 1/2"



HARTMANN
45263-08 8,5 cm, 3.4"
45263-14 14,0 cm, 5 1/2"



HARTMANN
45265-08
8,5 cm, 3.4"



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

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"

o 2 mm Ø



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

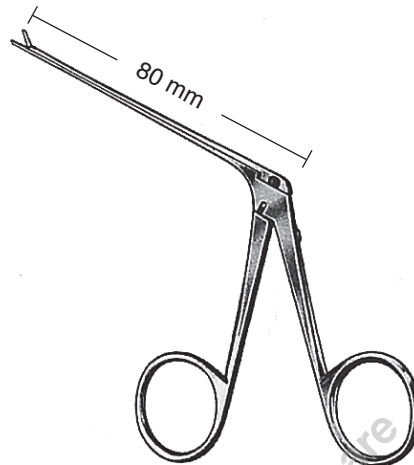


HARTMANN-HOFFMANN
45275-08
8,5 cm, 3.4"



45276-08 Entenschnabel
14 cm, 5 1/2" Duckbill
Pico de pato

Mikro Ohrzängchen
Micro Ear Forceps
Micro pinzas auriculares



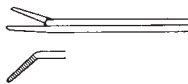
A
45350-40
0,9 x 4 mm



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



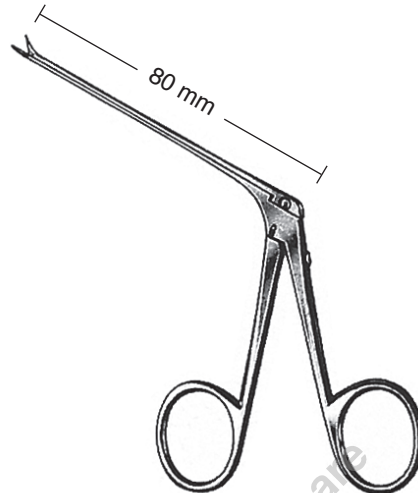
E
45359-40
0,9 x 4 mm



A
45360-35
0,6 x 3 mm

extra zart
very delicate
muy fina

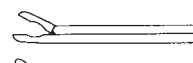
- A: gerade / straight / recta
- B: rechts / right / derecha
- C: links / left / izquierda
- D: aufgebogen / curved up / curva hacia arriba
- E: nach unten gebogen / curved down / curva hacia abajo

Mikro Ohrzängchen
Micro Ear Forceps
Micro pinzas auriculares

A

45361-01
0,6 x 4,5 mm45362-45
0,9 x 4,5 mm

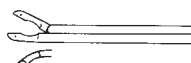
C

45361-02
0,6 x 4,5 mm45363-45
0,9 x 4,5 mm

B

45361-03
0,6 x 4,5 mm45365-45
0,9 x 4,5 mm

D

45361-04
0,6 x 5,0 mm45367-50
0,9 x 5,0 mm

E

45361-05
0,6 x 5,0 mm45369-50
0,9 x 5,0 mm

- A: gerade / straight / recta
 B: rechts / right / derecha
 C: links / left / iz quierda
 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



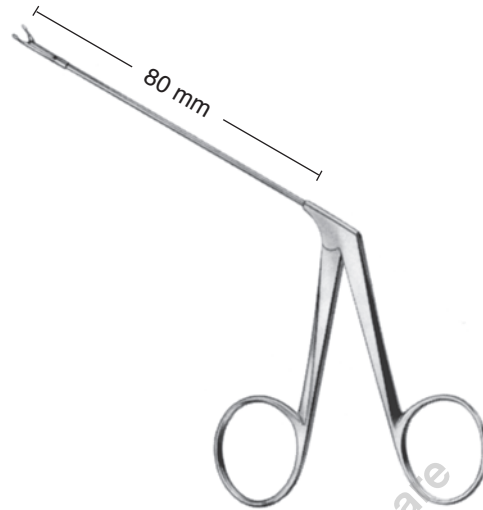
C
45393-50
1 x 5 mm



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

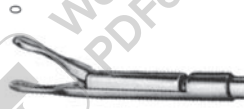
Mikro Ohrzängchen
Micro Ear Forceps
Micro pinzas auriculares



WULLSTEIN



A
45400-01
0,9 x 1 mm



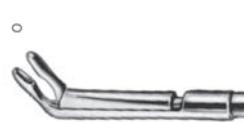
A
45400-02
0,8 x 1,3 mm



A
45400-03
1 mm



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



D
45402-10
0,9 x 1 mm



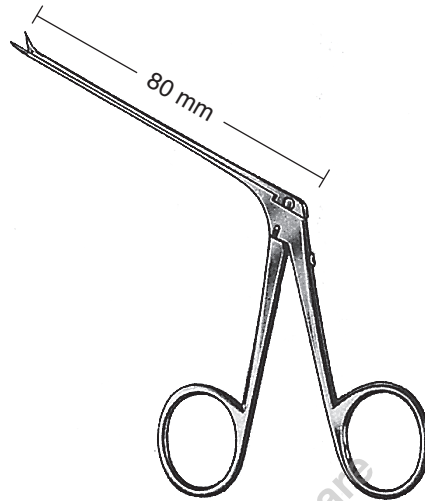
C
45403-13
0,8 x 1,3 mm



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



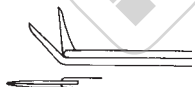
A
BELLUCCI
45300-30
3 mm
extra zart
very delicate
muy fina



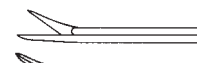
A
BELLUCCI
45310-40
micro mini
4 mm



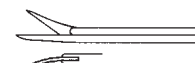
A
BELLUCCI
45312-55
micro standard
5,5 mm



D
BELLUCCI
45313-55
micro standard
5,5 mm



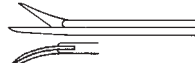
B
BELLUCCI
45315-55
micro standard
5,5 mm



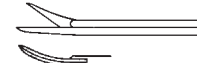
C
BELLUCCI
45317-55
micro standard
5,5 mm



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



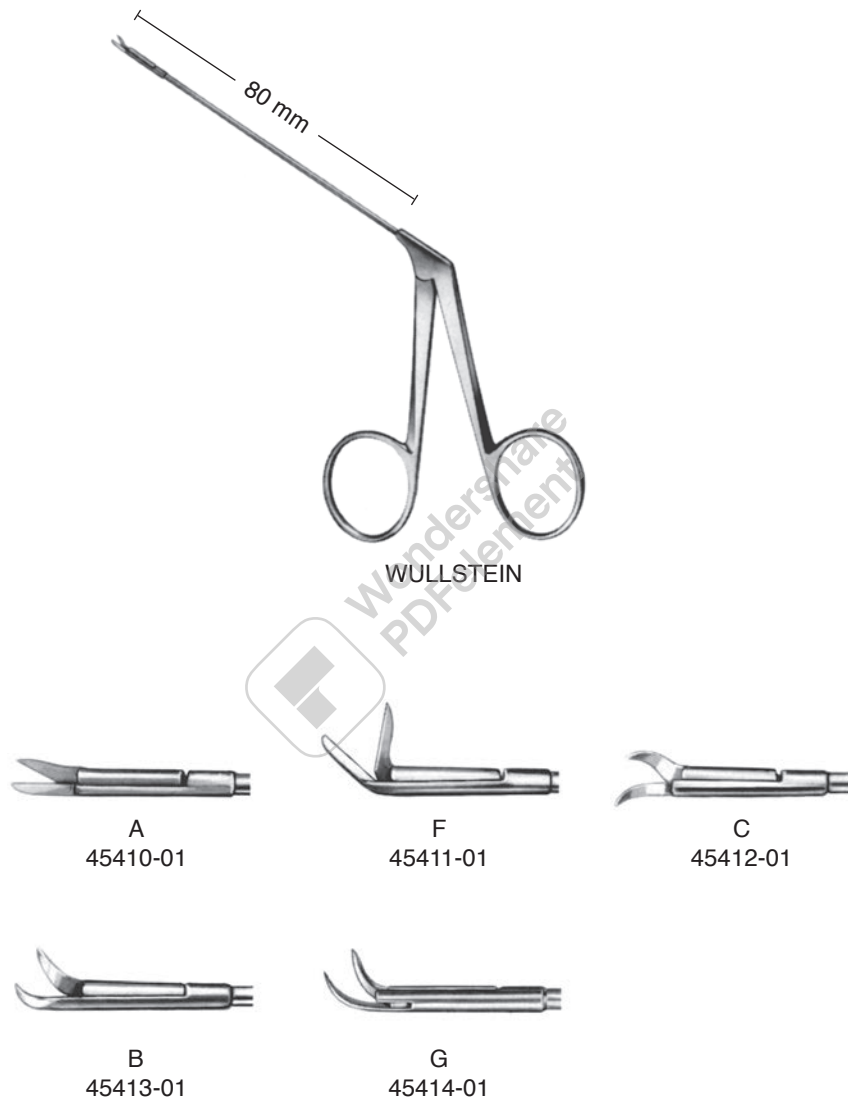
B
FISCH
45324-03
3,0 mm



C
FISCH
45325-03
3,0 mm

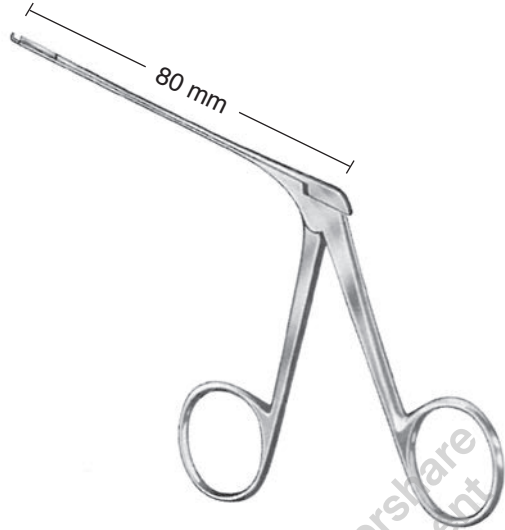
B: rechts / right / derecha
C: links / left / izquierda

Mikro Ohrscheren
Micro Ear Scissors
Micro tijeras auriculares



- 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

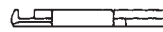
micro ø 1,3 mm



45385-01

aufwärts
upward
arriba

mini ø 1,8 mm

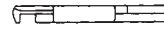


45387-01



45385-02

abwärts
downward
abajo

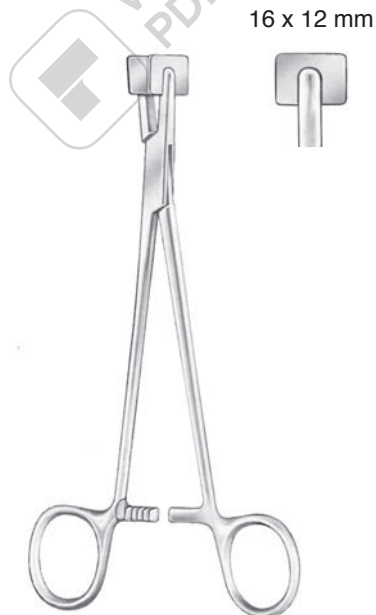


45387-02

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

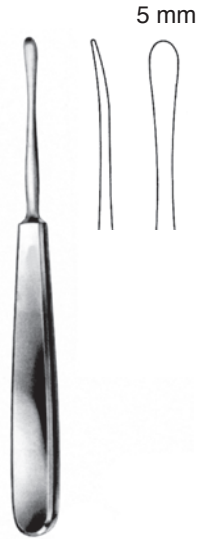


SCHUKNECHT
45430-00



HOUSE-GELFOAM
45440-19
19 cm, 7 □"

Elevatoren, Raspatorien
Elevators, Raspatories
Elevadores, Periostótomos



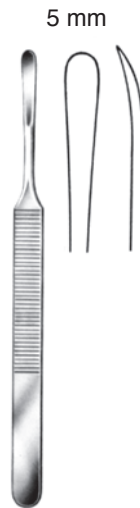
SEBILEAU
33707-17
17,5 cm, 7"



QUERVAIN
33708-19
19,5 cm, 7 1/4"



LANGENBECK
33710-19
19 cm, 7 1/2"



KÖNIG
33714-15
15,5 cm, 6"

Raspatorien
Raspatories
Periostótomos

4 mm



WILLIGER
33711-16
16 cm, 6 □"

6,5 mm



WILLIGER
33712-16
16 cm, 6 □"

5 mm



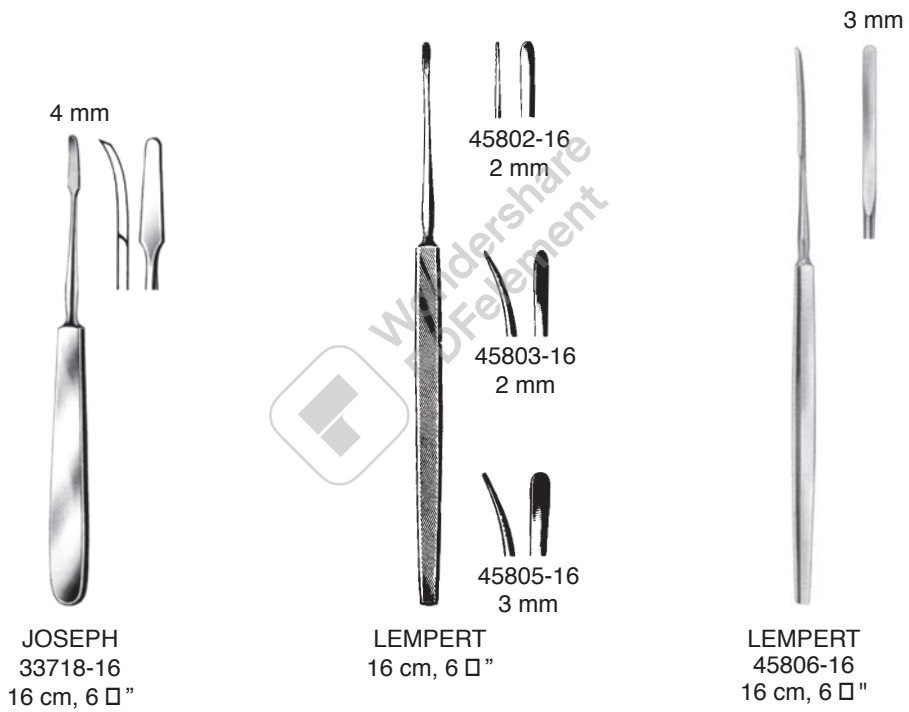
WILLIGER
33713-16
16 cm, 6 □"

5,5 mm



WILLIGER
33713-17
17 cm, 6 □"

Raspatorien, Elevatoren
Raspatories, Elevators
Periostótomos, Elevadores



Raspatorien
Raspatories
Periostótomos

mit Ferrozellgriff
with Ferrozell-Handle
con mango de Ferrozell

6 mm



33740-19
19 cm, 7 □"

3 mm



33741-18
18,5 cm, 7 □"

6 mm



33742-18
18,5 cm, 7 □"

6 mm



33743-18
18,5 cm, 7 □"

Raspatorien
Raspatories
Periostótomos



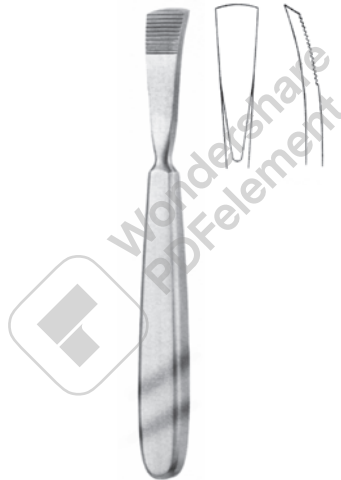
Raspatorien, Elevatoren
Raspatories, Elevators
Periostótomos, Elevadores

6 mm



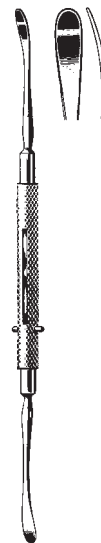
LEMPERT
45807-20
20,5 cm, 8"

15 mm



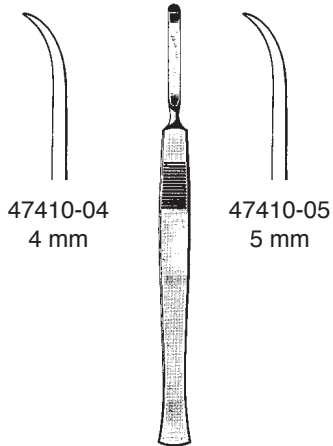
JANSEN
33701-16
16,5 cm, 6 1/2"

4,5 mm



FREER
47415-18
18 cm, 7"

Elevatoren, Raspatorien
Elevators, Raspatories
Elevadores, Periostótomos



McKENTY
15 cm, 6"



MOLT
33716-18
18 cm, 7"

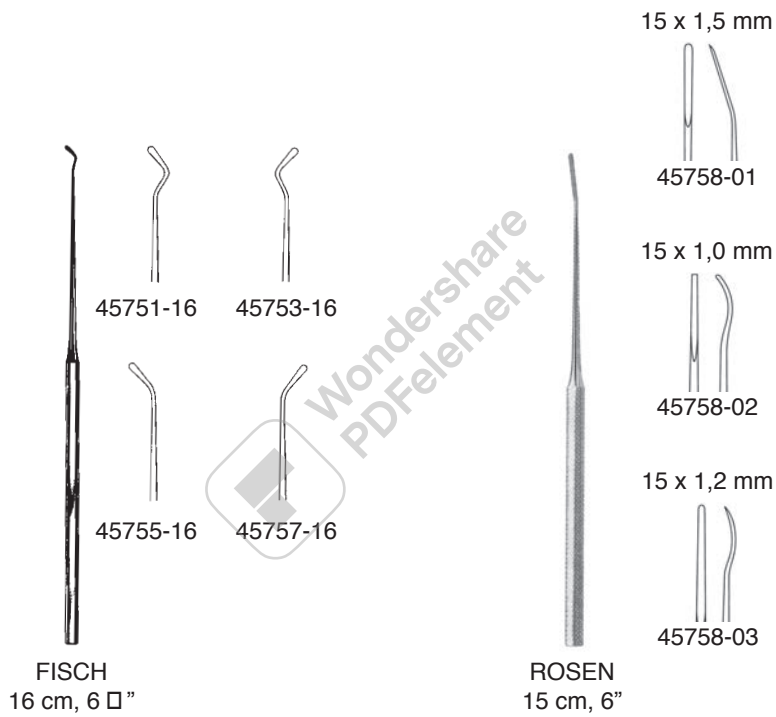


MILLER
17 cm, 6 1/2"

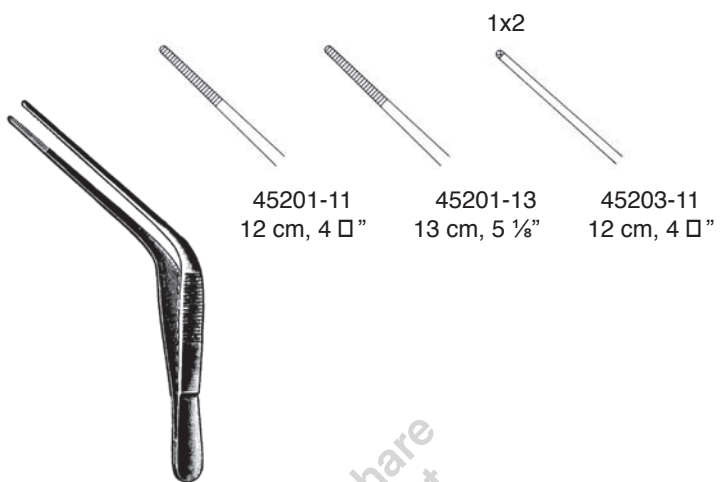


WULLSTEIN
45806-17
17 cm, 6 1/2"

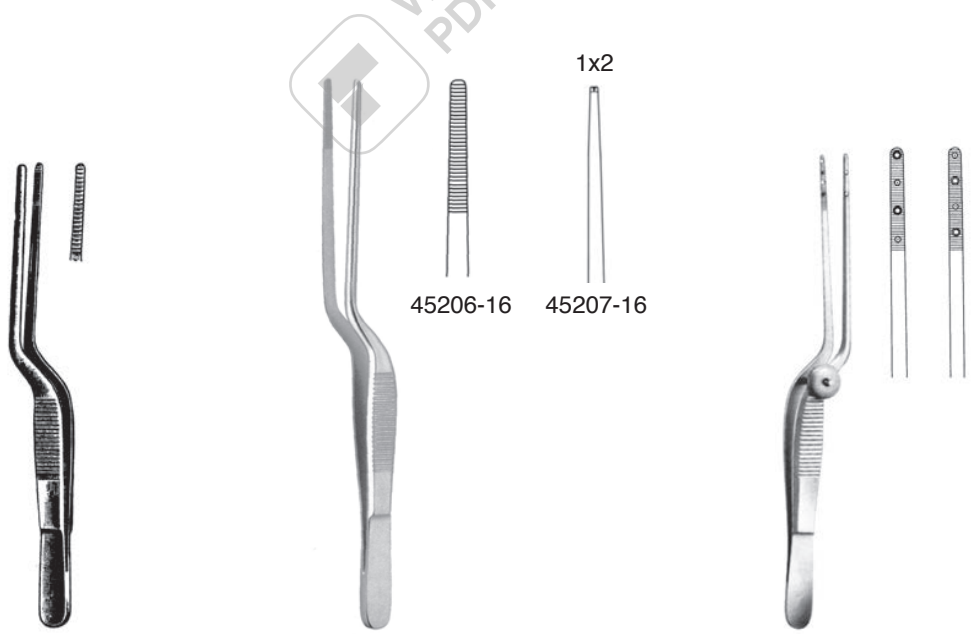
Dissektor, Raspatorien
Excavator, Raspatories
Disector, Periostótomos



Ohrpinzetten
Ear Forceps
Pinzas auriculares



WILDE (TROELTSCH)



LUCAE
45206-14
14 cm, 5 □"

LUCAE
45207-16
16 cm, 6 □"

COTTLE
45208-14
14 cm, 5 □"

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



STANDARD
11120-11
11,5 cm 4 □"



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 1/4"

Fig. 3



11403-03
12 cm, 4 1/4"

Fig. 3c



11403-04
11 cm, 4 3/8"

Fig. 4



11404-04
11 cm, 4 3/8"

Fig. 5



11405-05
11 cm, 4 3/8"

Fig. 7



11407-07
12 cm, 4 1/4"

Ohrpinzetten
Ear Forceps
Pinzas auriculares



ADSON
11170-12 12,0 cm, 4 □“
11170-15 15,0 cm, 6“

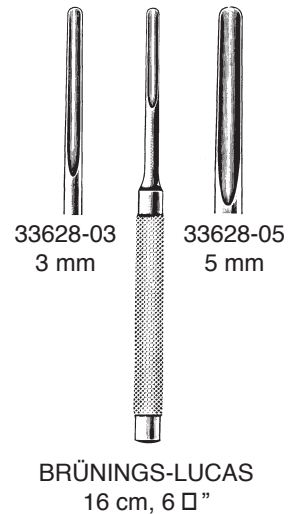
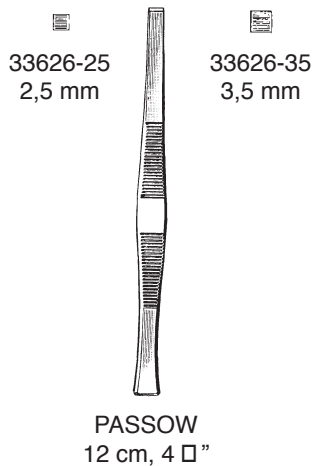
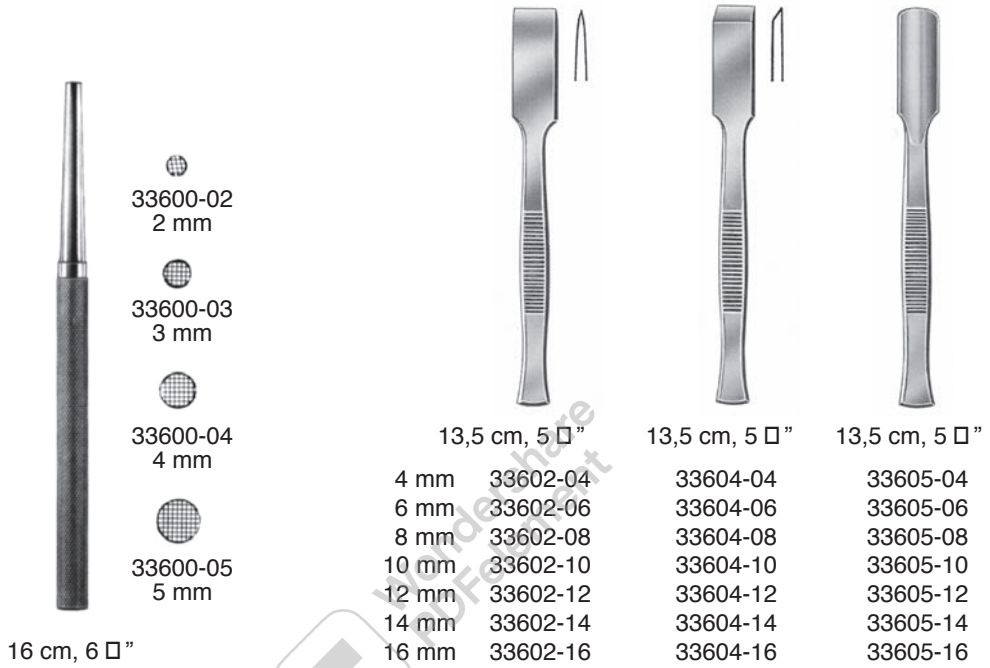


ADSON
11180-12 12,0 cm, 4 □“
11180-15 15,0 cm, 6“



DERLACKI
45209-12
12 cm, 4 □”

Flachmeißel, Hohlmeißel, Stößel
Chisels, Gouges, Tampers
Cinceles, Gubias, Hemostático



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



PARTSCH

13,5 cm, 5 □"

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 □"

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



12 mm

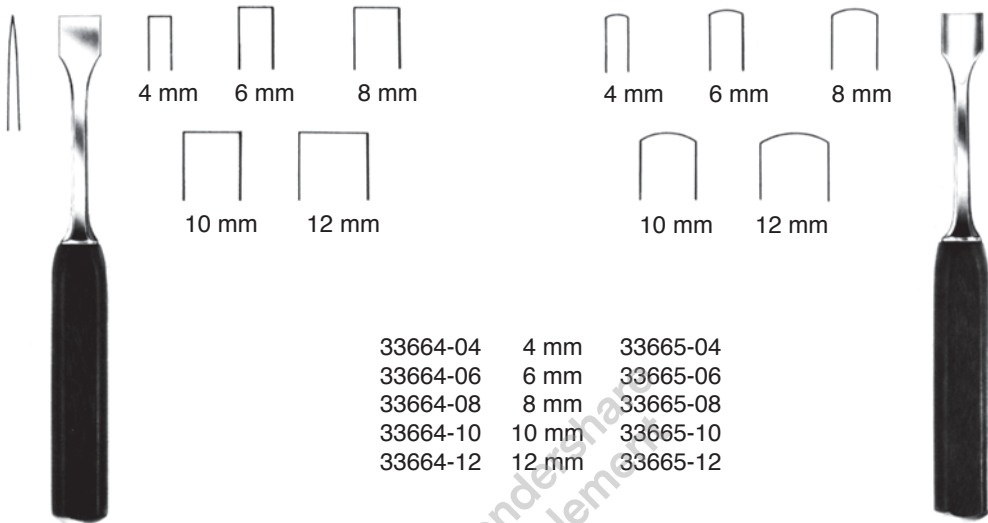


15 mm

12,5 cm, 5"	mm	17 cm, 6 □"
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

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"

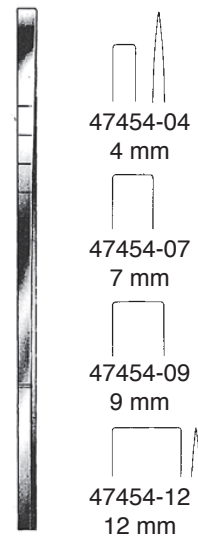
33664-04	4 mm	33665-04
33664-06	6 mm	33665-06
33664-08	8 mm	33665-08
33664-10	10 mm	33665-10
33664-12	12 mm	33665-12



FREER
47450-04
15 cm, 6"

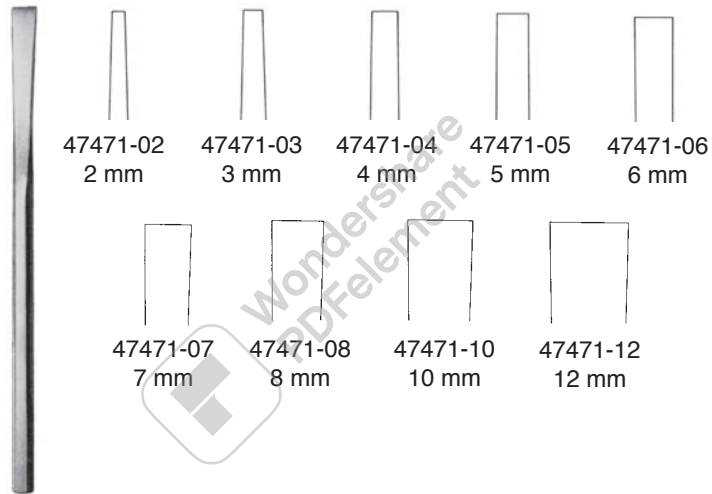


FREER
47451-04
15 cm, 6"



COTTLE
18 cm, 7"

Septum Osteotom
Rhinoplastic Osteotome
Osteotomo para rinoplastia



SHEEHAN
16 cm, 6 □"

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 1/4"
33693-32 320 g

Ø 25 mm



135 g
33694-01 18,5 cm, 7 1/4"
33694-03 Ersatzbacken
Nylon Caps
Tapas de repuesto

Ø 22 mm



PARTSCH
33698-98
18 cm, 7"
199 g

Ø 30 mm



COTTLE
18 cm, 7" 240 g
33700-05

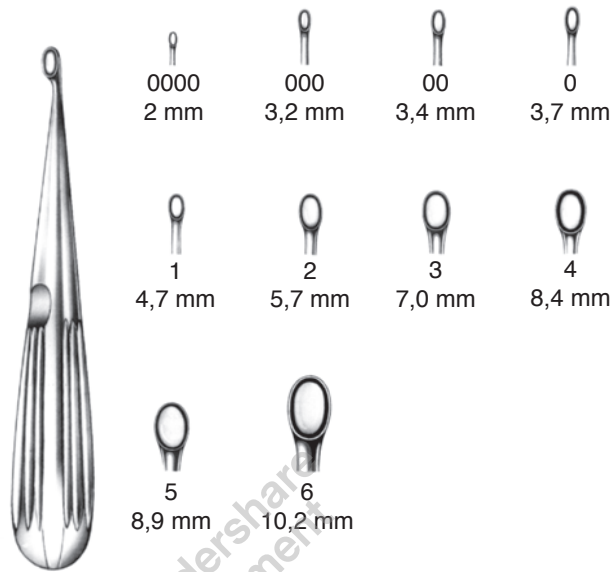
Ø 27 mm



HAJEK
21 cm, 8 1/4" 140 g
33700-08

Scharfe Löffel
Bone Currettes
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



SPRATT
17 cm, 6 □"



LEMPERT
17,5 cm, 7"



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



JANSEN
33495-16 16 cm, 6 □"



Scharfe Löffel
Bone Currettes
Cucharillas cortantes



BARTH
33393-18, 18 cm, 7"



HALLE
21 cm, 8 1/4"

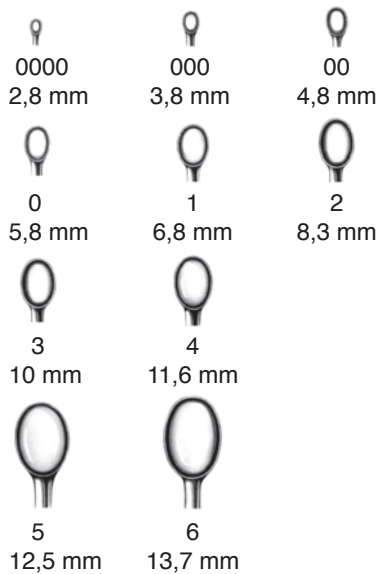
Fig.
1 33476-01 4,8 mm
2 33476-02 5,8 mm
3 33476-03 6,8 mm

biegsam
malleable
maleable

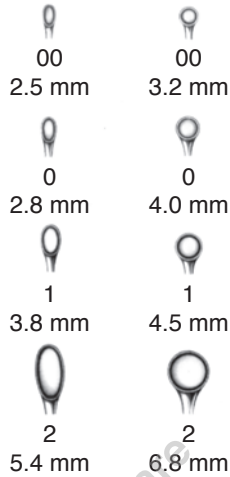


VOLKMANN
17 cm, 6 1/4"

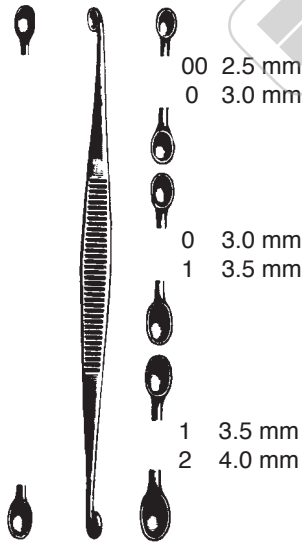
Fig. VOLKMANN
0000 33469-96
000 33469-97
00 33469-98
0 33470-00
1 33470-01
2 33470-02
3 33470-03
4 33470-04
5 33470-05
6 33470-06



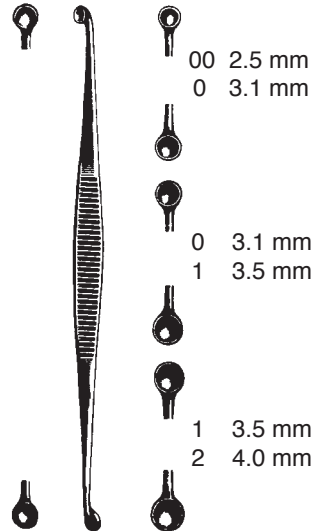
Scharfe Löffel
Bone Currettes
Cucharillas cortantes



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

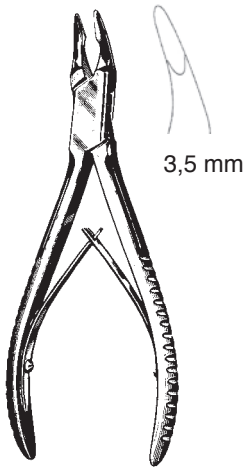


WILLIGER	
13,5 cm, 5 1/2"	Fig.
33496-00	00/0
33496-01	0/1
33496-12	1/2

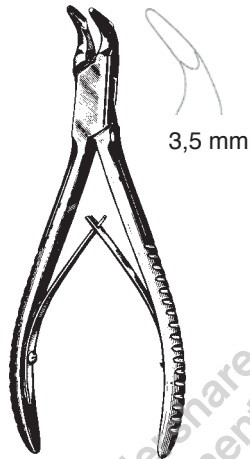


MARTINI	
13,5 cm, 5 1/2"	Fig.
33498-00	00/0
33498-01	0/1
33498-12	1/2

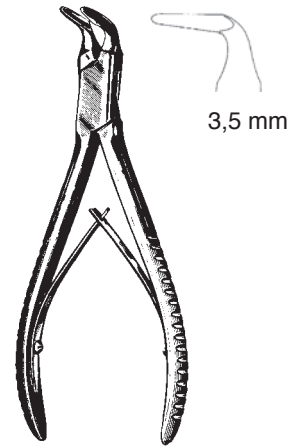
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias



BLUMENTHAL
33115-15
15,5 cm, 6"



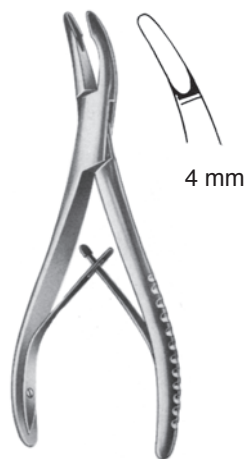
BLUMENTHAL
33117-15
15,5 cm, 6"



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"

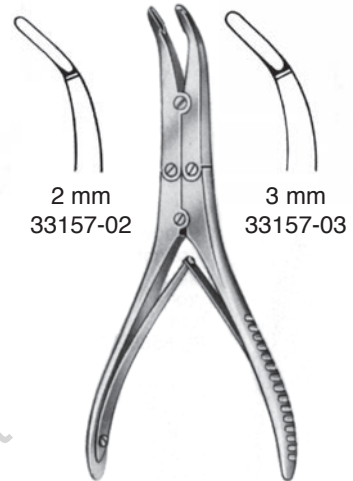
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias



— LEMPERT —
33150-16 33151-16
16 cm, 6 1/2"



BEYER
33156-18
18 cm, 7"



KLEINERT-KUTZ
15 cm, 6"



BEYER
33201-18
18 cm, 7"



ZAUFAL-JANSEN
33205-18
18 cm, 7"



— BÖHLER —
33211-15 33213-15
15 cm, 6"

Knochensplitterzangen
Bone Cutting Forceps
Pinzas cortantes para huesos



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



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



MC INDOE
33283-17
17 cm, 6 1/2"

Knochenstanzen
Bone Punches
Pinzas sacabocado

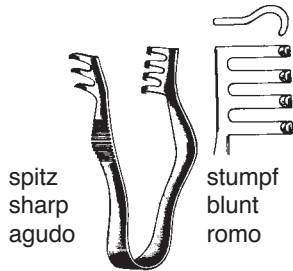
**KERRISON**

3x3 mm 47303-03
4x4 mm 47303-04
5x5 mm 47303-05
6x6 mm 47303-06
17 cm, 6 1/2"

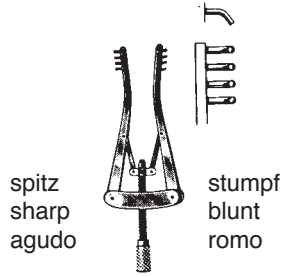
**CITELLI**

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

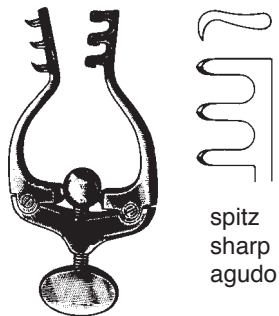
Wundsperrer
Retractors
Separadores



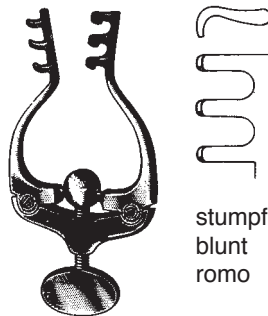
FINSSEN
19610-07 7 cm, 2 □“ 19611-07



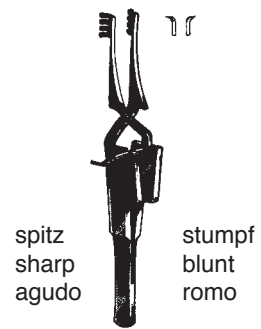
ALM
19620-07 7 cm, 2 □“ 19621-07
19620-10 10 cm, 4“ 19621-10



JANSSEN
19630-10
10 cm, 4“

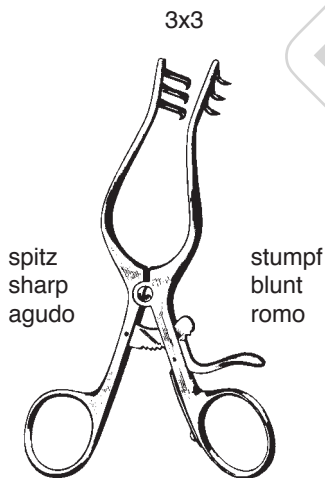
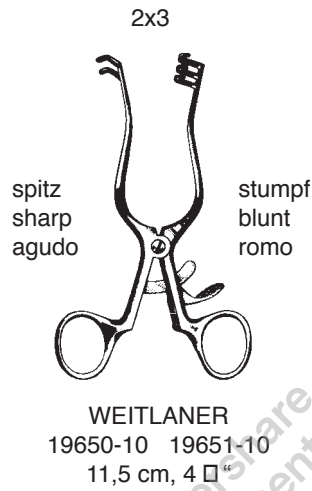


JANSSEN
19631-10
10 cm, 4“

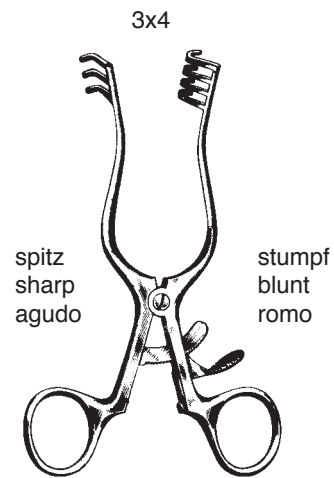


HOLZHEIMER
19634-10 19635-10
10 cm, 4“

Wundsperrer
Retractors
Separadores

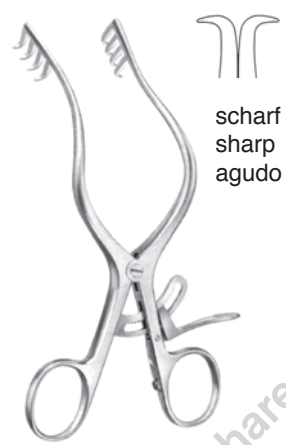


WEITLANER-WULLSTEIN
19654-13 19655-13
13 cm, 5 1/8 "



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

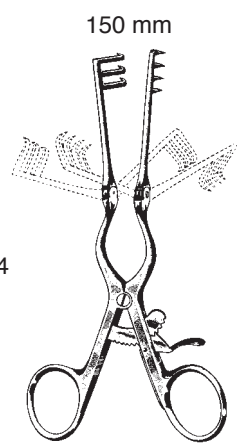
Wundsperrer
Retractors
Separadores



MOLLISON
19674-15
15 cm, 6"



FISCH
19683-17
17 cm, 6 1/2"

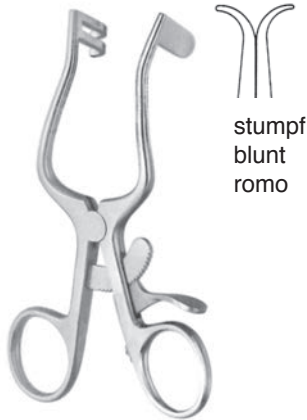


19684-14
spitz
sharp
agudo

19685-14
stumpf
blunt
romo

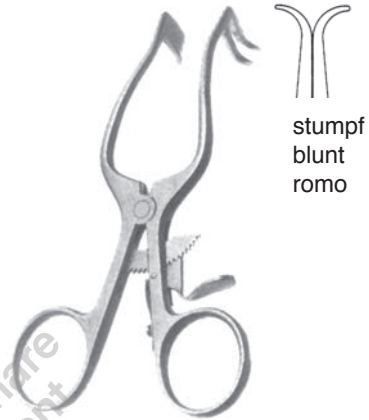
ADSON
14 cm, 5 1/2"

Wundsperrer
Retractors
Separadores



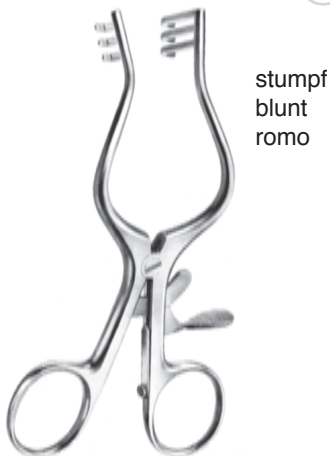
stumpf
blunt
romo

PLESTER
19672-11
11 cm, 4 3/8"



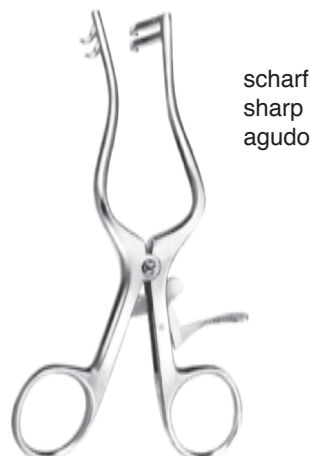
stumpf
blunt
romo

PLESTER
19673-11
11 cm, 4 3/8"



stumpf
blunt
romo

WULLSTEIN
19675-13
13 cm, 5 1/4"



scharf
sharp
agudo

PLESTER
19677-10 10 cm, 4"
19677-13 13 cm, 5 1/8"

Wundhaken
Retractors
Separadores



19283-01

gerade
straight
recto

WILLIGER
12 cm, 4 1/4"



19283-02

links gebogen
left curved
curvado hacia la izquierda



19283-03

rechts gebogen
right curved
curvado hacia la derecha

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 □"



— STRABISMUS —
09370-11 09371-11
09374-11 TC 09375-11 TC
11 cm, 4 3/8"



GORNEY
10050-12
12,5 cm, 5"

Chirurgische Scheren
Operating Scissors
Tijeras para cirugía



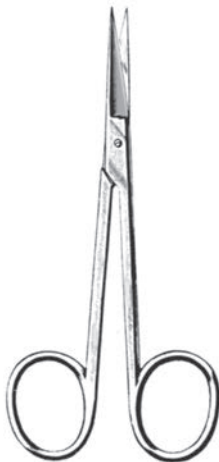
STANDARD

09110-11 11,5 cm, 4 1/4"
09110-13 13,0 cm, 5"
09110-14 14,5 cm, 5 1/4"



STANDARD

09111-11 11,5 cm, 4 1/4"
09111-13 13,0 cm, 5"
09111-14 14,5 cm, 5 1/4"



IRIS

11 cm, 4 3/8"



09340-11
09344-11 TC

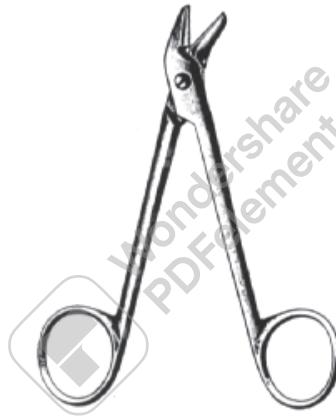
gerade
straight
rectas



09341-11
09345-11 TC

gebogen
curved
curvas

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

**UNIVERSAL**

09831-12 12 cm, 4 □“
09835-12 TC 12 cm, 4 □“

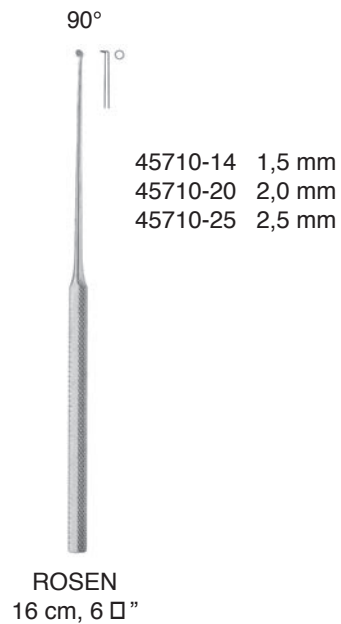
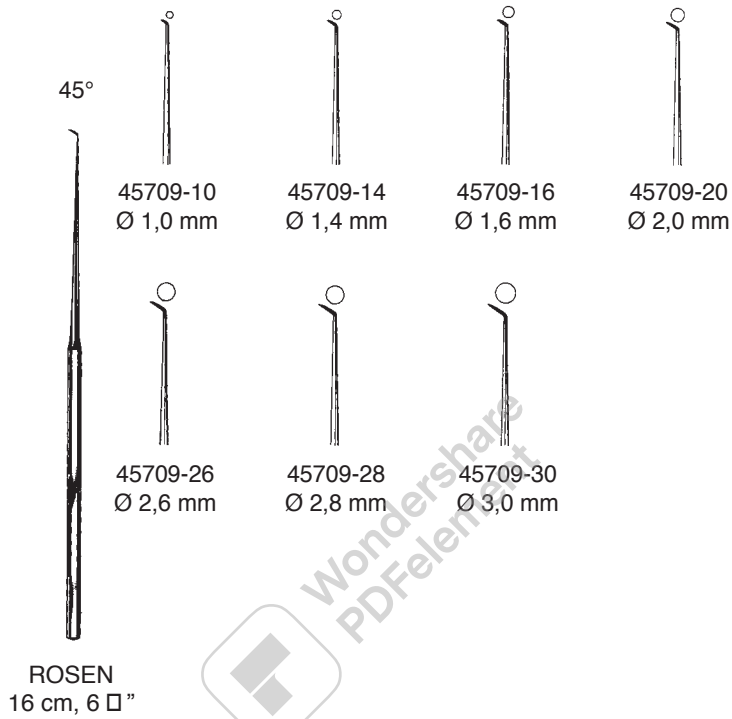
Mikro Scheren
Micro Scissors
Micro-Tijeras

10 mm

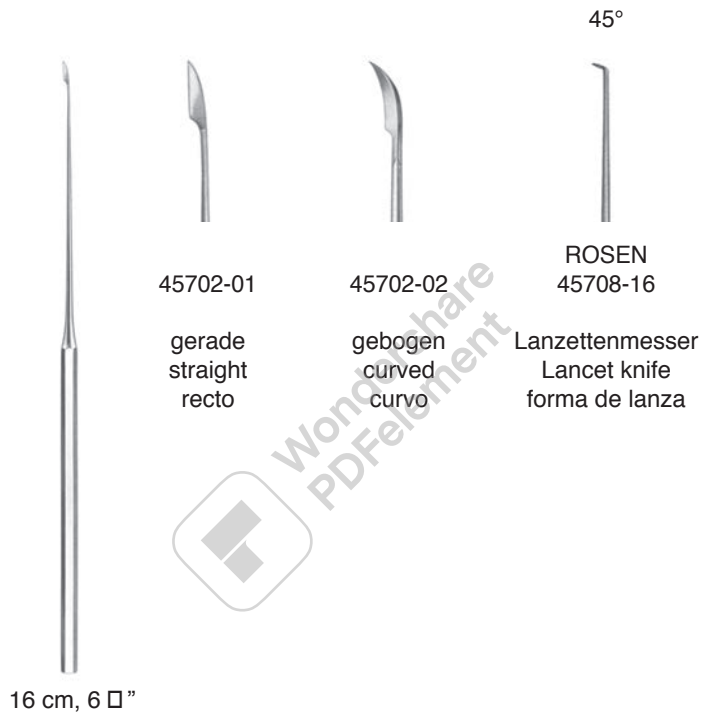


10202-14 14,5 cm, 5 1/4" 10203-14

Messer
Knives
Cuchillos



Messer
Knives
Cuchillos



Messer
Knives
Cuchillos



SCHUKNECHT
45701-01
16 cm, 6 1/2"



SCHUKNECHT
45701-02
16 cm, 6 1/2"



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



BARRAQUER

ohne Sperre
without lock
sin cremallera

mit Sperre
with lock
con cremallera

				
11,5 cm, 4 1/8"	25660-12	25661-12	25720-12	25731-12
13,0 cm, 5 1/8"	25660-13	25661-13	25720-13	25731-13
14,0 cm, 5 1/2"	25660-14	25661-14	25720-14	25731-14
18,0 cm, 7"	25700-18	25701-18	25730-18	25731-18

mit diamantiertem Maul
with diamond jaw
con boca de diamante

11,5 cm, 4 1/8"		
13,0 cm, 5 1/8"		
14,0 cm, 5 1/2"		
18,0 cm, 7"		
	25720-12D	25671-12D
	25720-13D	25671-13D
	25720-14D	25671-14D
	25730-18D	25731-18D

T= Titan, titanium, titanio

				
15,0 cm, 6"	93250-15T	93251-15T	93260-15T	93261-15T
18,0 cm, 7"	93250-18T	93251-18T	93260-18T	93261-18T

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



CASTROVIEJO



14,0 cm, 5 □“
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 □“
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 □“
18,0 cm, 7“

25672-14D
25672-18D

25673-14D
25673-18D

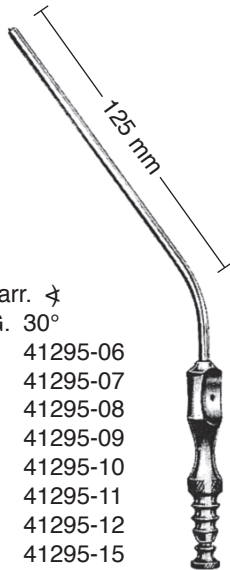
T= Titan, titanium, titanio
Maul / jaw / boca 0,4mm

14,0 cm, 5 □“
18,0 cm, 7“

25672-14T
25672-18T

25673-14T
25673-18T

Saugrohre
Suction Tubes
Tubos de aspiración



- Charr. ↗
F.G. 30°
- | | |
|----|----------|
| 6 | 41295-06 |
| 7 | 41295-07 |
| 8 | 41295-08 |
| 9 | 41295-09 |
| 10 | 41295-10 |
| 11 | 41295-11 |
| 12 | 41295-12 |
| 15 | 41295-15 |

FRAZIER/FERGUSSON
19 cm, 7 □"

Wondershare
PDFelement



ZÖLLNER
41302-02



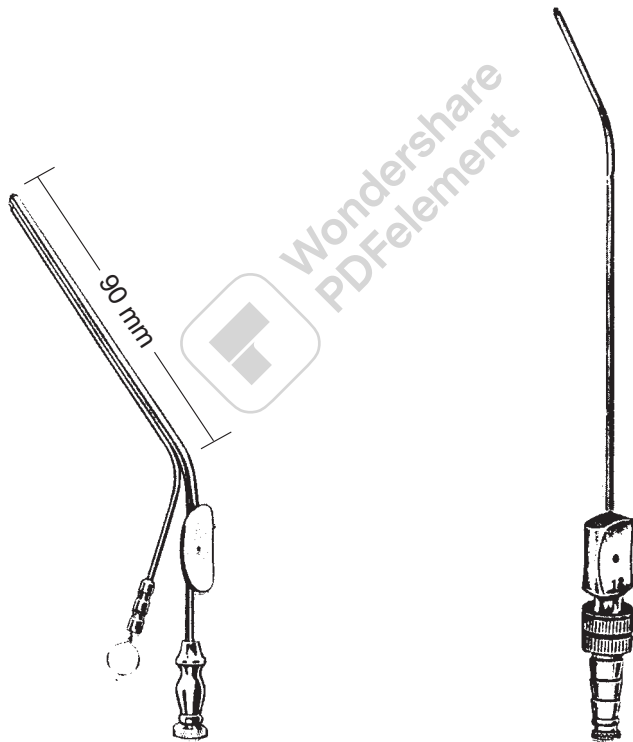
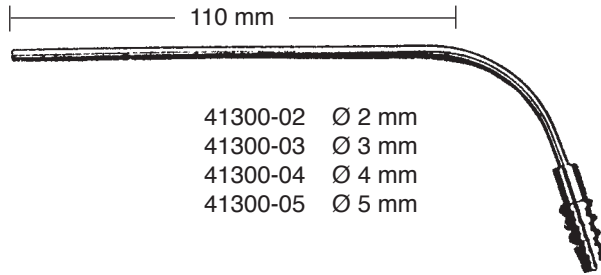
- | | |
|----------|----------|
| 0,5 mm Ø | 41306-05 |
| 0,7 mm Ø | 41306-07 |
| 0,9 mm Ø | 41306-09 |
| 1,2 mm Ø | 41306-12 |

Kanüle für Sauggriff
Zöllner und Wullstein

Tip for Suction Handle
Zöllner and Wullstein

Cánula para mango
Zöllner y Wullstein

Saugrohre
Suction Tubes
Tubos de aspiración



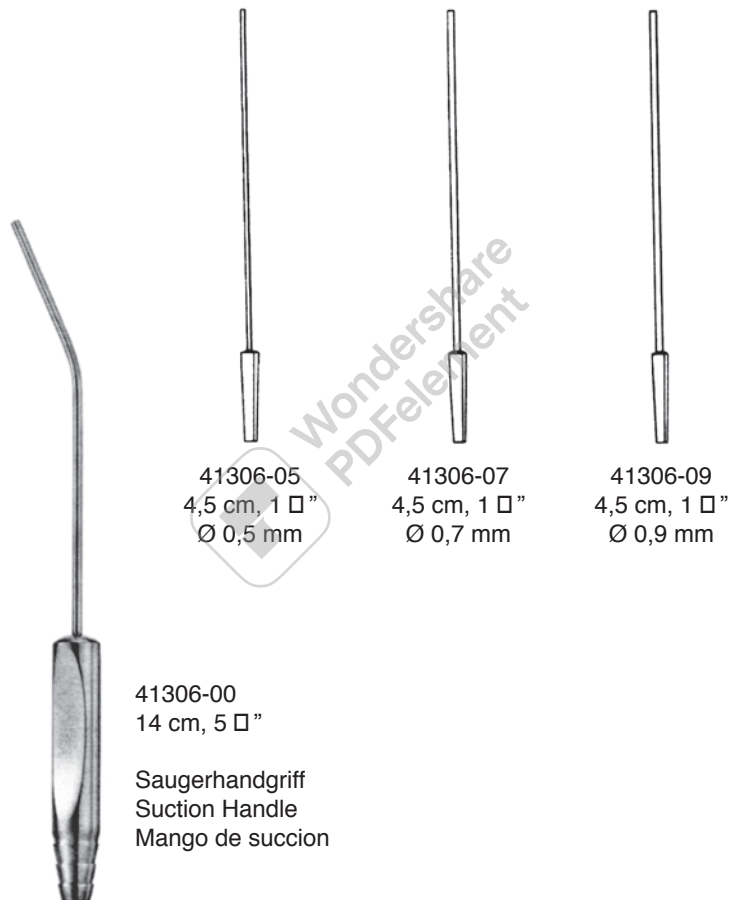
HOUSE
9 cm, 3 1/4"

- | | |
|----------|----------------|
| 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 |

PLESTER 30°
Charr. 6 41304-06
Charr. 8 41304-08
Charr. 10 41304-10

Saugrohre
Suction Tubes
Tubos de aspiración

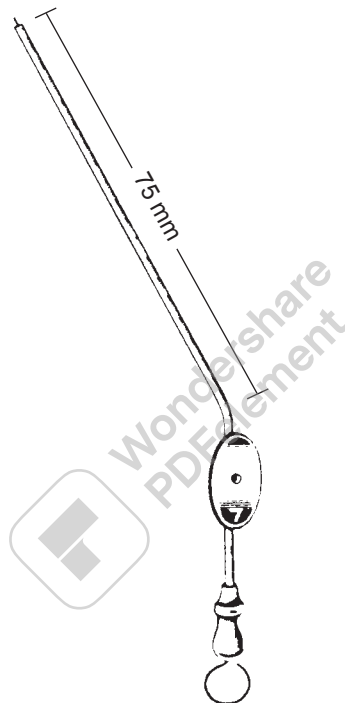
Mikro-Saugkanüle
Micro suction cannula
Micro tubo de aspiración



WULLSTEIN
41308-00

komplett, 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 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



Sauggriff
Suction Handle
Mango de succion

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 □"

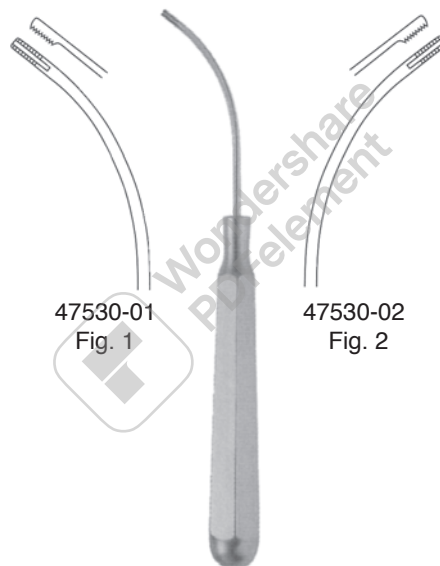


Kanüle für Sauggriff
Tip for Suction Handle
Cánula para mango de succion

ROSEN
10 cm, 4"

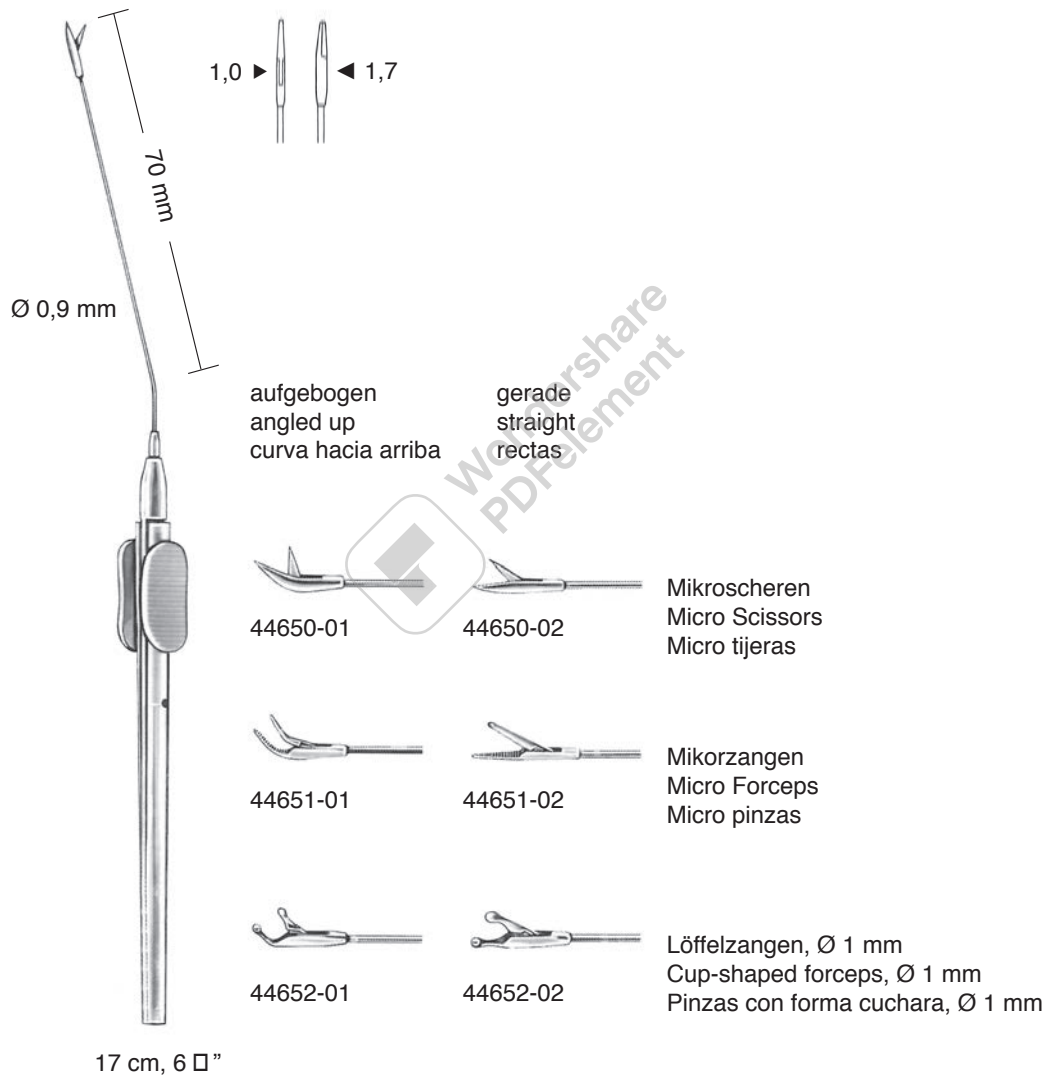
0,5 mm Ø 41305-05	1,2 mm Ø 41305-12
0,6 mm Ø 41305-06	1,5 mm Ø 41305-15
0,7 mm Ø 41305-07	1,8 mm Ø 41305-18
0,8 mm Ø 41305-08	2,0 mm Ø 41305-20
0,9 mm Ø 41305-09	2,5 mm Ø 41305-25
1,0 mm Ø 41305-10	3,0 mm Ø 41305-30

Knorpelzeile
Cartilage Files
Limas para el cartilago

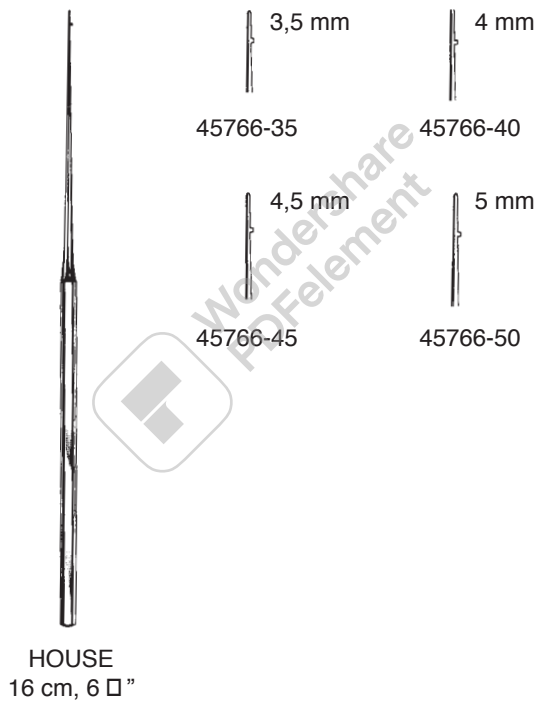


DINGMAN Set
47530-00 15 cm, 6"

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







Mikro Meßsonde
Micro Measuring Rod
Sonda para mesurar



Mikro Küretten
Micro Curettes
Micro curetas



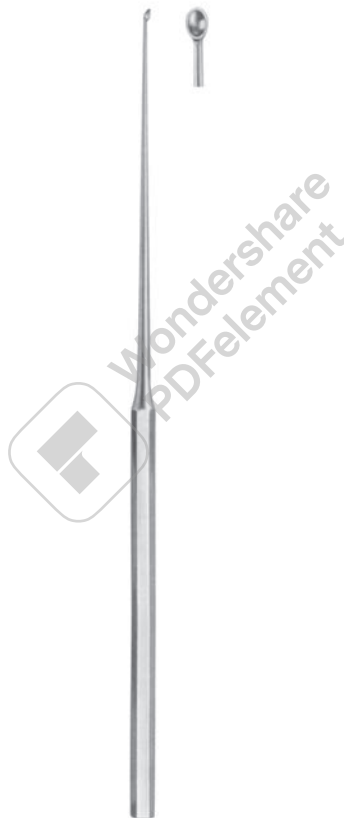
mm  
1,0/1,2 45760-01
1,5/1,8 45760-02

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"

Nadeln und Hakchen
Needles and Hooks
Agujas y Ganchos



16 cm, 6 1/4"



BARBARA /
ROSEN
45710-15



stumpf
blunt
roma

BARBARA /
ROSEN
45711-15



BARBARA /
ROSEN
45713-15



BARBARA /
ROSEN
45715-17



25°

SHAMBAUGH
0,3 45720-03
0,6 45720-06
1,0 45720-10



45°

SHAMBAUGH
45722-03
45722-04
45722-06
45722-08
45722-10
45722-12
45722-15
45722-20
45722-25



90°

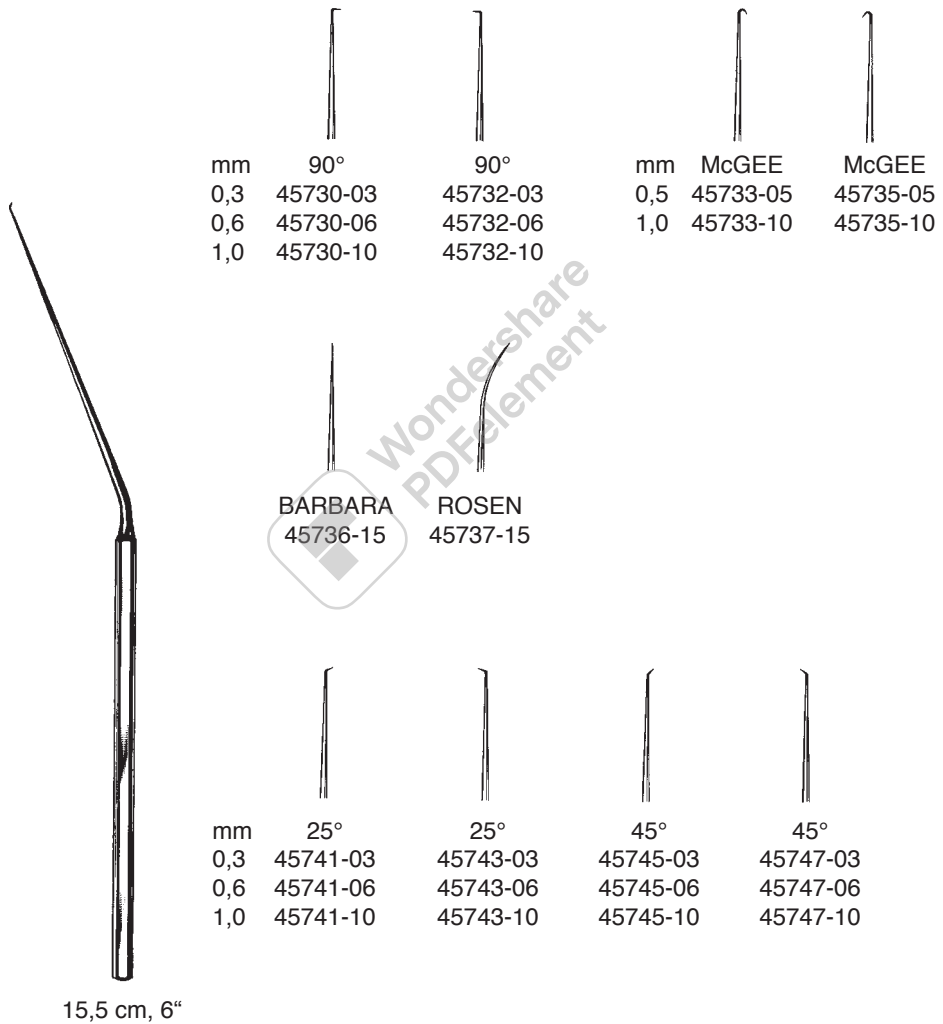
SHAMBAUGH
45724-03
45724-04
45724-06
45724-08
45724-10
45724-12
45724-15
45724-20
45724-25



BARBARA

45725-05 0,5 mm
45725-10 1,0 mm

Nadeln und Häkchen
Needles and Hooks
Agujas y Ganchos



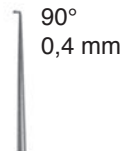
Häkchen
Hooks
Ganchitos



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 guía



16 cm, 6 □"

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

1,0 mm



45756-10
Elevatorium
Elevators
Elevador



45756-20
1,0 mm

45756-30
1,2 mm

Raspatorien
Raspatories
Periostótomos

1,8 mm



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



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



16,5 cm, 6 □“

RHINOLOGIE
SINUSKOPIE

RHINOLOGY
SINUSCOPY

RINOLOGÍA
SINUSCOPIA



Wondershare
PDFelement

HADEO
INSTRUMENTE GERMANY



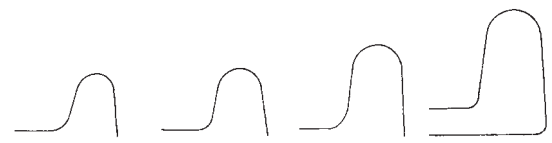
Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!
Indication and Contraindication please refer to our user's manual!
Indicaciones y Contraindicaciones se encuentran en la instrucciones de uso correspondientes!

Nasenspekula
Nasal Specula
Espéculos nasales

selbsthaltend
self-retaining
autoestático



THUDICHUM
6,5 cm, 2 □“

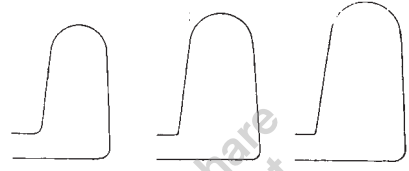


47050-01
Fig. 1

47050-02
Fig. 2

47050-03
Fig. 3

47050-04
Fig. 4



47050-05
Fig. 5

47050-06
Fig. 6

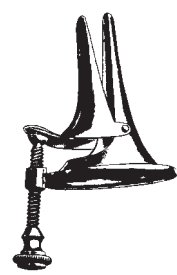
47050-07
Fig. 7



47060-01

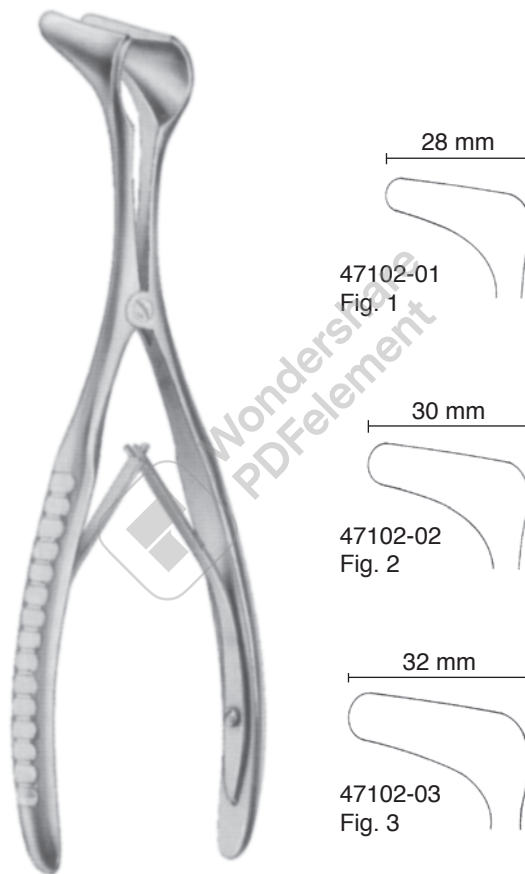
47060-02

47060-03



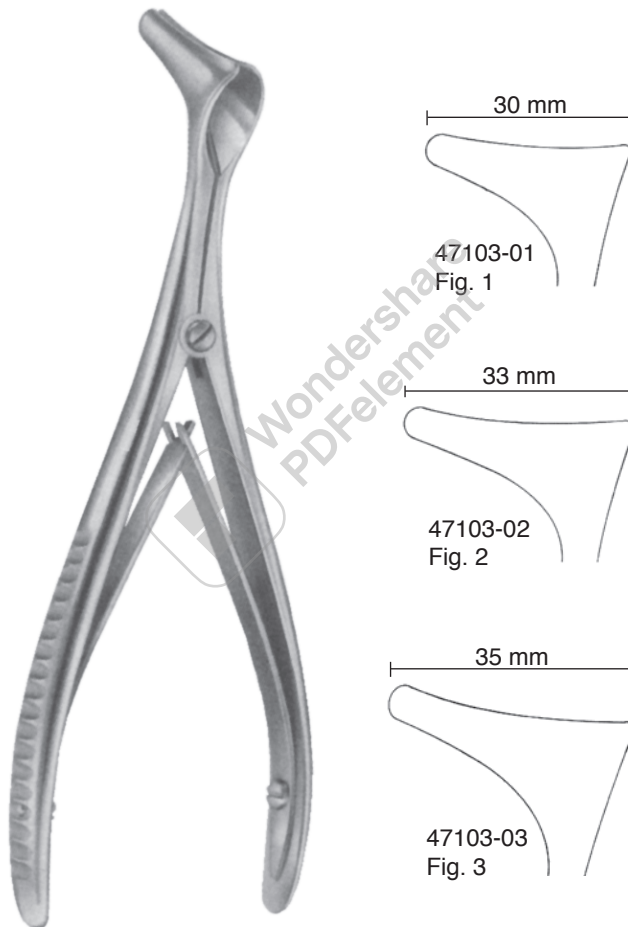
VOLTOLINI

Nasenspekula
Nasal Specula
Espéculos nasales

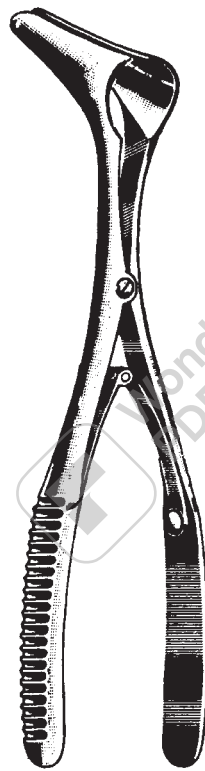


HARTMANN-HALLE
15 cm, 6"

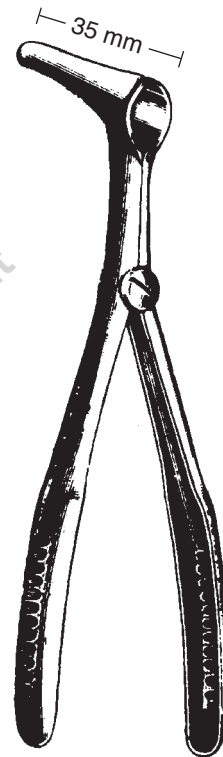
Nasenspekula
Nasal Specula
Espéculos nasales



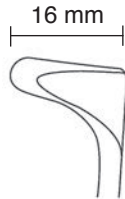
HARTMANN
16 cm, 6 1/4"

Nasenspekula
Nasal Specula
Espéculos nasalesleichtes Modell
lightweight
modelo ligeroMod. WIEN
14 cm, 5 ″

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

Mod. WIEN
14 cm, 5 ″
47113-03

Nasenspekula
Nasal Specula
Espéculos nasales



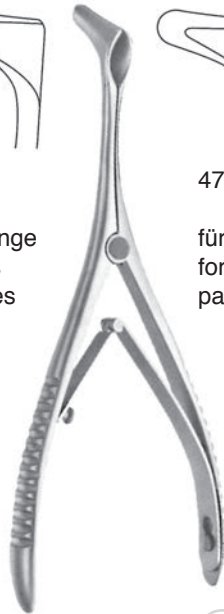
47116-13

für Säuglinge
for babies
para bebés

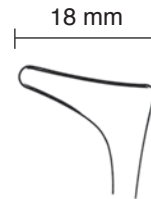


47116-14

für Kleinkinder
for infants
para niños



TIECK-HALLE
13,5 cm, 5 1/8"



HADEO
47118-13
12,5 cm, 5"



KILLIAN
13 cm, 5 1/8"



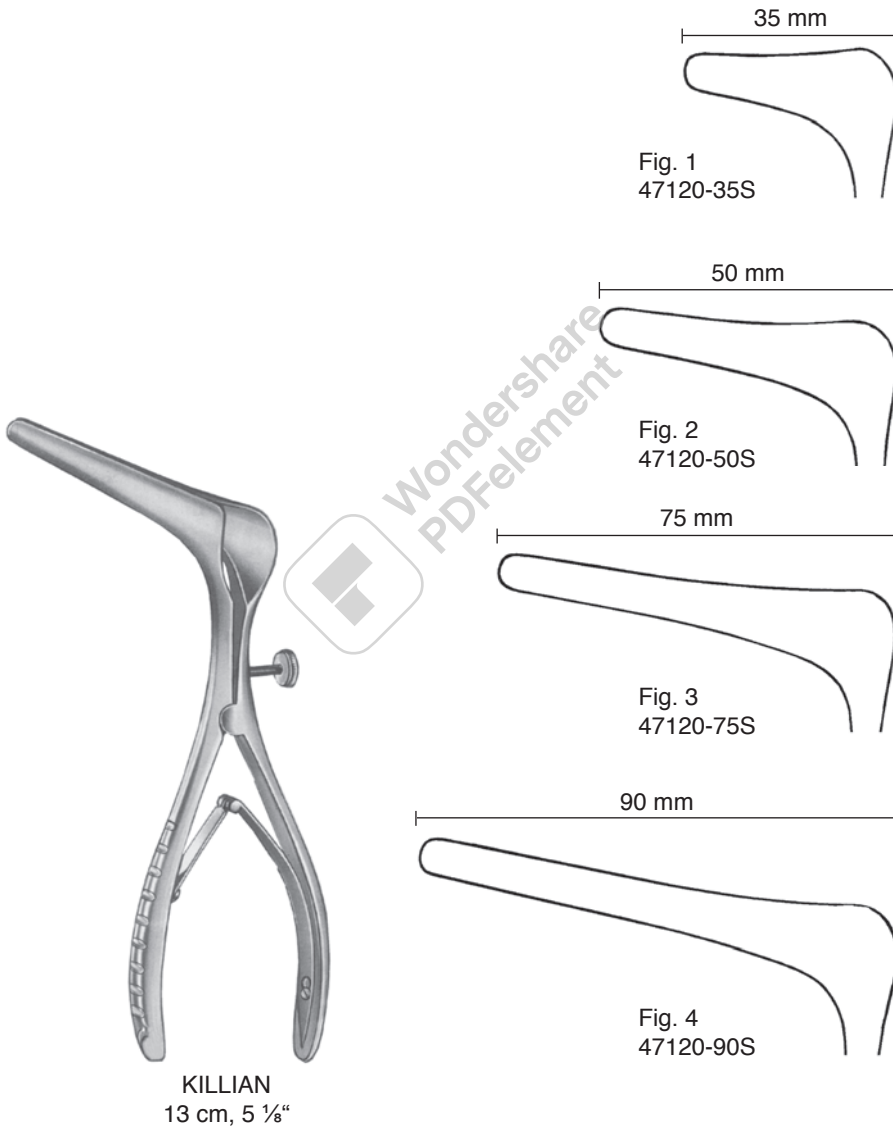
47120-35
35 mm

47120-50
50 mm

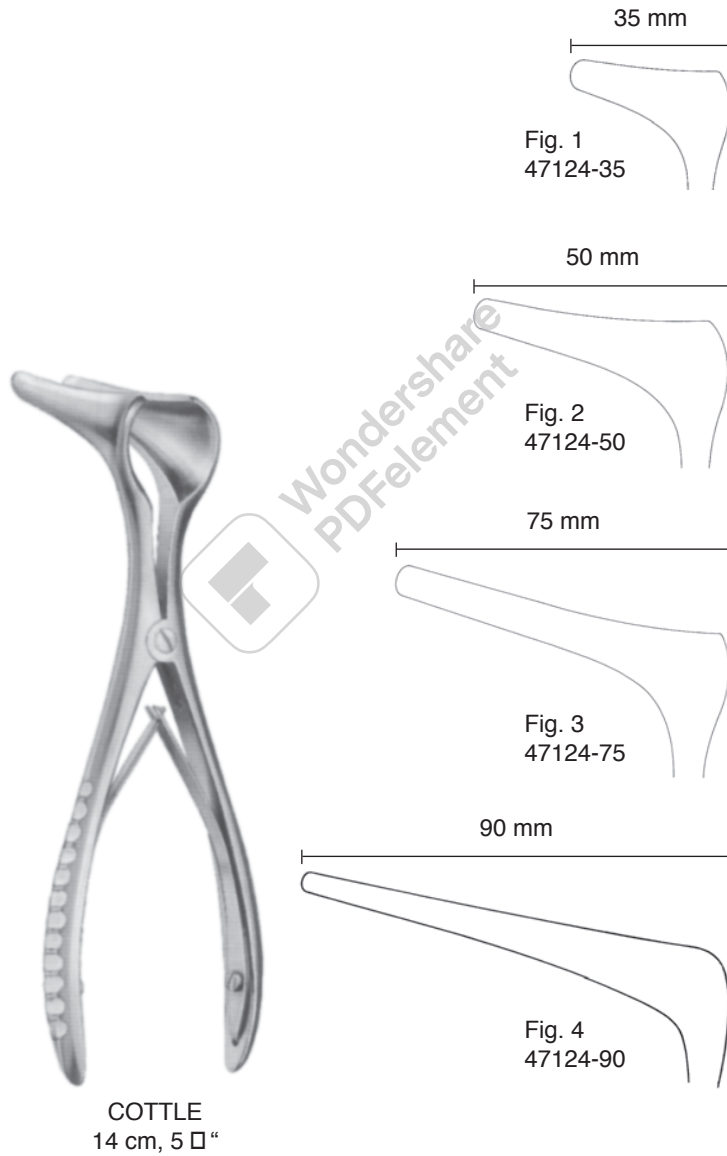
47120-75
75 mm

47120-90
90 mm

Nasenspekula
Nasal Specula
Espéculos nasales



Nasenspekula
Nasal Specula
Espéculos nasales



Nasenspekula
Nasal Specula
Espéculos nasales

35 mm

Fig. 1
47124-35S

50 mm

Fig. 2
47124-50S

75 mm

Fig. 3
47124-75S

90 mm

Fig. 4
47124-90S



COTTLE
14 cm, 5 1/4"

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

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

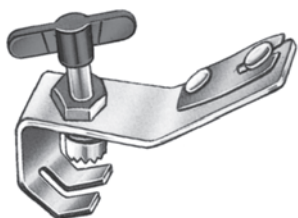


41850-41

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

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



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"

1x2



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"



1x2

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

Nasenpinzetten
Nasal Forceps
Pinzas nasales



45201-11
12 cm, 4 □"

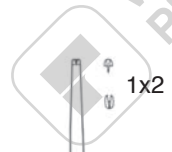
45201-13
13 cm, 5 1/8"

45203-11
12 cm, 4 □"

WILDE (TROELTSCH)



LUCAE
45206-14 14 cm, 5 □"
45206-16 16 cm, 6 □"

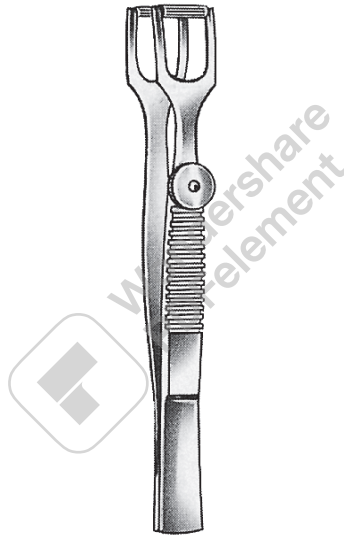


45207-16



COTTLE
45208-14
14 cm, 5 □"

Columella-Pinzette
Columella Forceps
Pinzas para columna



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"

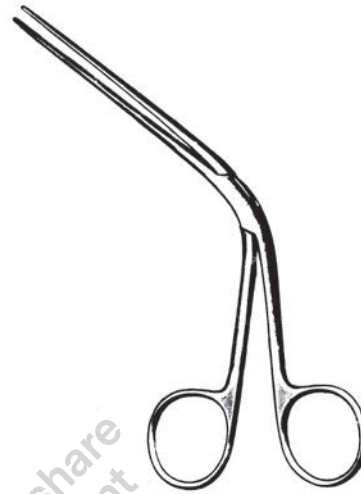


HARTMANN
47161-20 20 cm, 8"

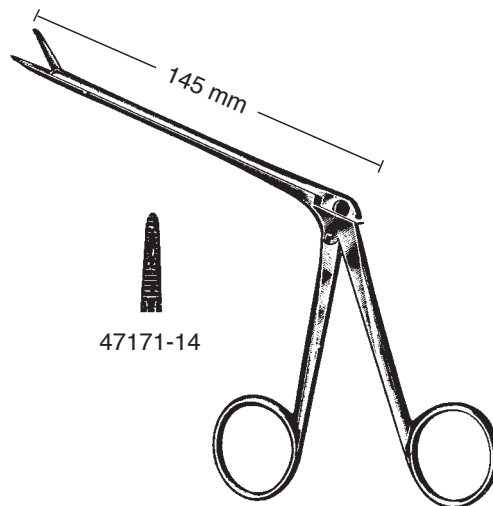
Nasentamponzangen
Nasal Dressing Forceps
Pinzas nasales para taponamiento



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



TILLEY
45243-14
14 cm, 5 1/2"



47171-14

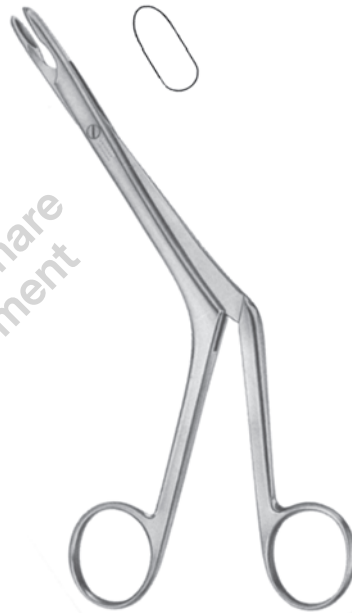
47173-14

NOYES
14,5 cm, 5 3/4"

Polypenzangen
Nasal Polypus Forceps
Pinzas para pólipos

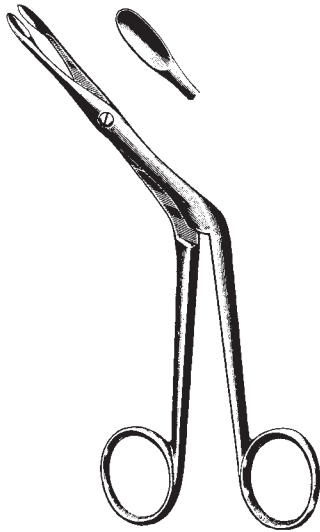


LITTAUER
47167-18
18 cm, 7"



HEYMANN-KNIGHT
47169-18
18 cm, 7"

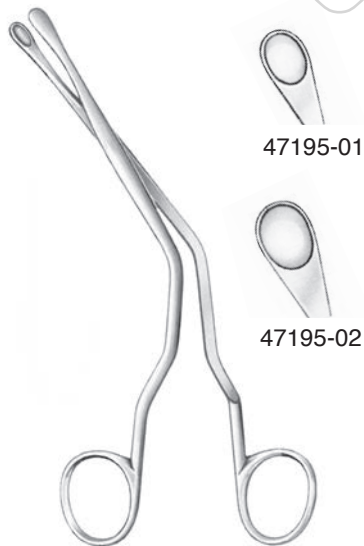
Nasen Septumzangen
Nasal Septum Forceps
Pinzas para el tabique nasal



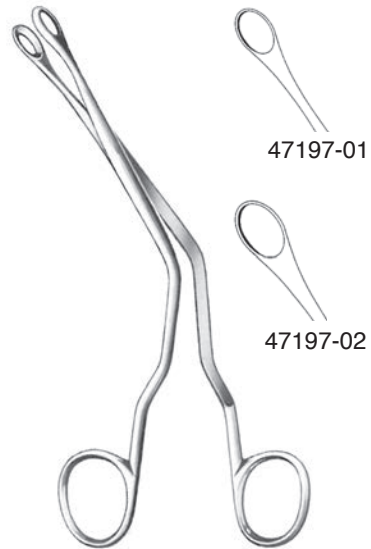
HEYMANN
47181-18
18 cm, 7"



KNIGHT
47185-18
18 cm, 7"

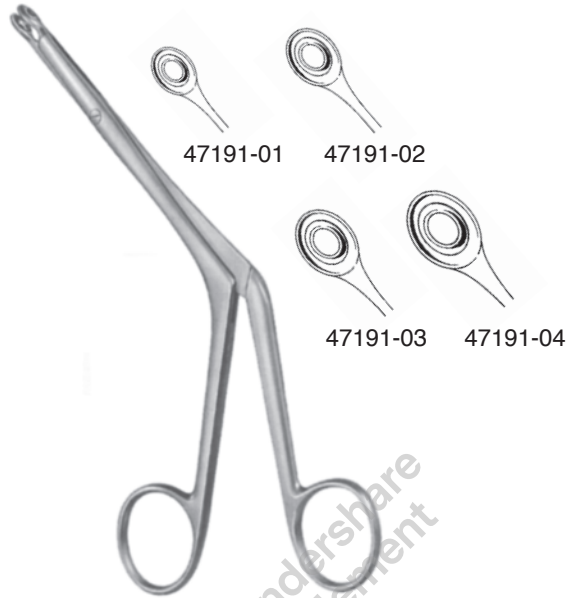


LUC
19 cm, 7 1/2"



LUC
19 cm, 7 1/2"

Nasen Septumzangen
Nasal Septum Forceps
Pinzas para el tabique nasal



47191-01

47191-02

47191-03

47191-04

BRUENINGS
19 cm, 7 1/2"



Vomerzange
Vomer Forceps
Pinza para el vómer

CRAIG
47192-18
18 cm, 7"



47193-01

47193-02

CRAIG-DOMNICK
17 cm, 6 1/2"

Nasen Septumzangen
Nasal Septum Forceps
Pinzas para el tabique nasal



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

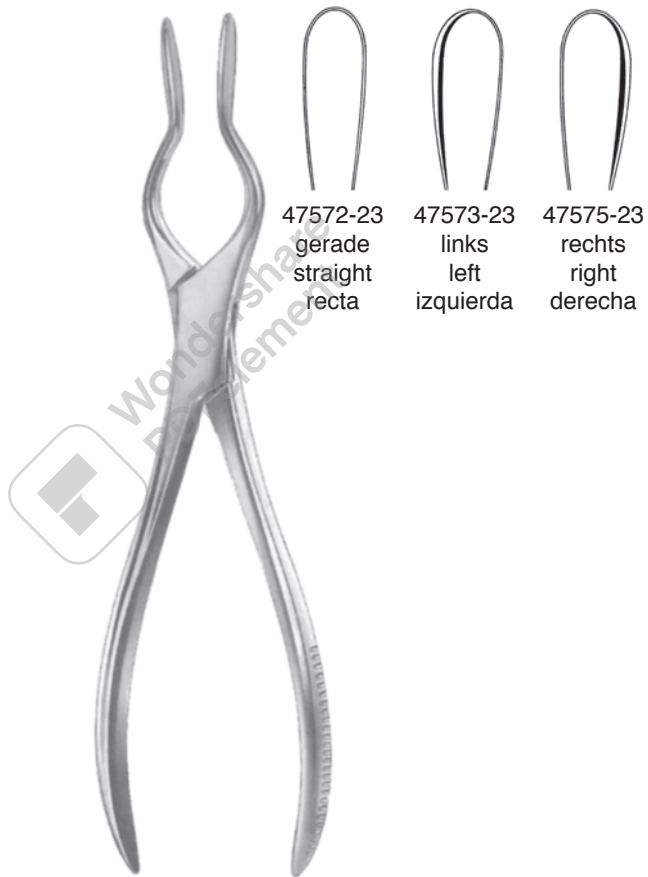


MIDDLETON-JANSEN
47325-19
19 cm, 7 1/2"

Septumrichtzangen
Septum Straightening Forceps
Pinza para enderezar el tabique nasal



ASCH
47571-23
23 cm, 9"



WALSHAM
47572-23
23 cm, 9"

Quetschzange
Morselizer Forceps
Pinza para aplastar



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

Polypenschnürer
Nasal Polypus Snares
Polipótomos

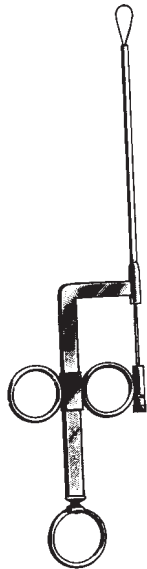


KRAUSE-VOSS
47350-26
26 cm, 10 □"

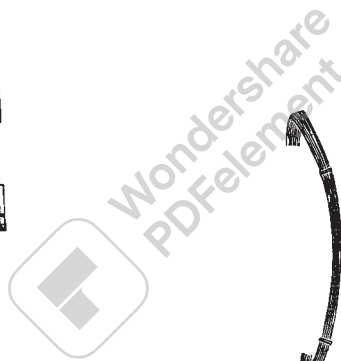


KRAUSE
47351-26
26 cm, 10 □"

Polypenschnürer
Nasal Polypus Snares
Polipótomos



WILDE
47352-24
24 cm, 9 □"



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

47355-03 0,3 mm

Siebbeinzangen
Ethmoid Forceps
Pinzas para etmoides

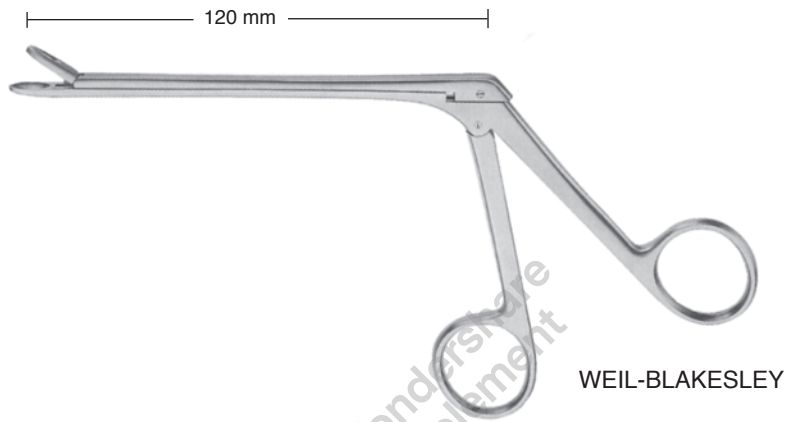
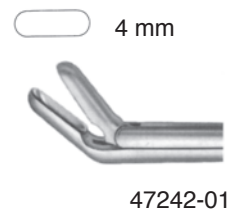
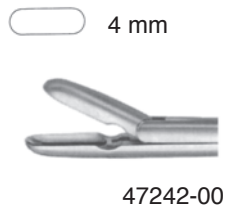
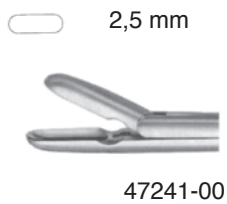
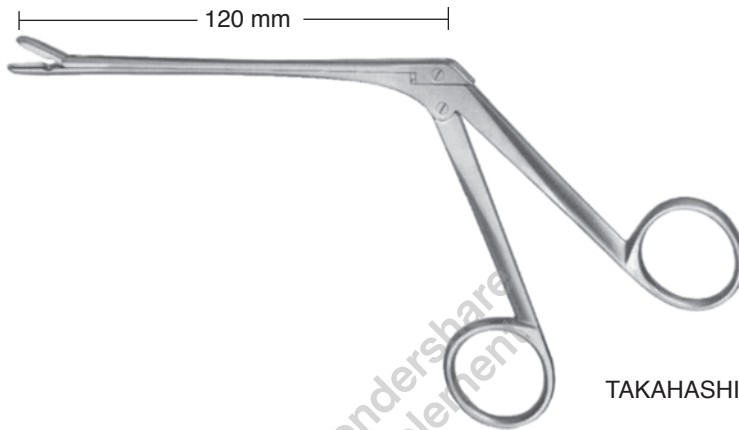
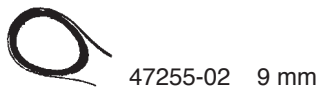
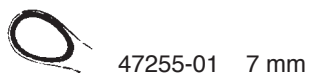
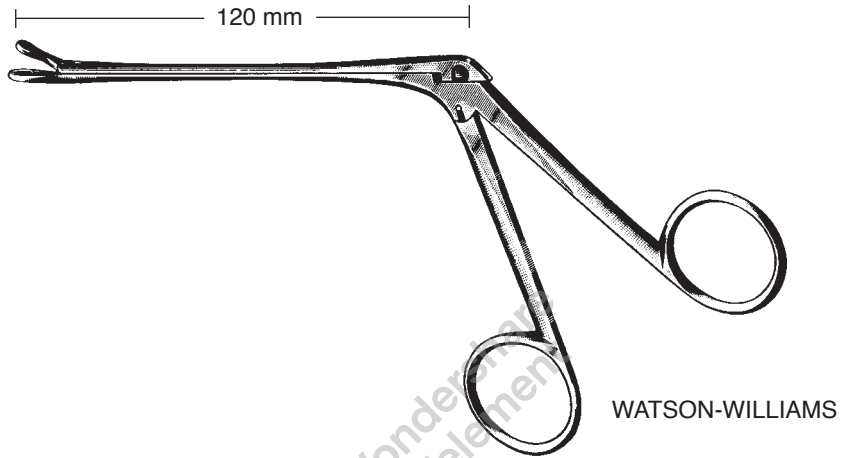


	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	47223-00 2,5 mm	47223-01 3,0 mm	47223-02 3,6 mm	47223-03 4,2 mm	47223-04 4,8 mm	47223-05 5,8 mm
	47224-00 2,5 mm	47224-01 3,0 mm	47224-02 3,6 mm	47224-03 4,2 mm	47224-04 4,8 mm	47224-05 5,8 mm
		47225-01 3,0 mm	47225-02 3,6 mm	47225-03 4,2 mm	47225-04 4,8 mm	

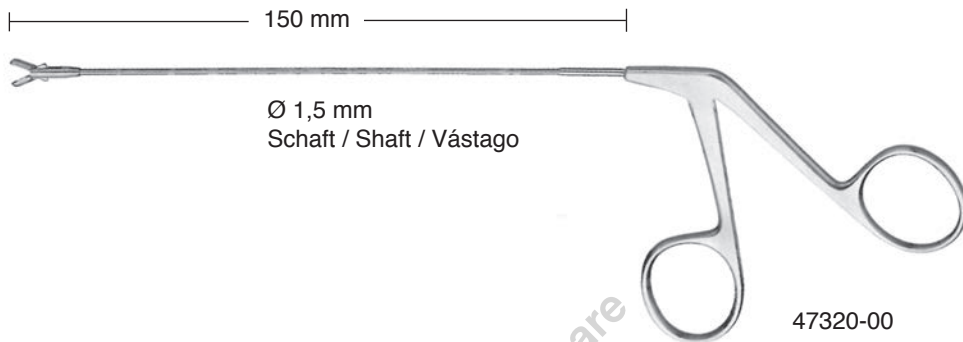
Siebbeinzangen
Ethmoid Forceps
Pinzas para etmoides



Siebbeinzangen
Ethmoid Forceps
Pinzas para etmoides



Nasenzange
Nasal Forcep
Pinza nasal

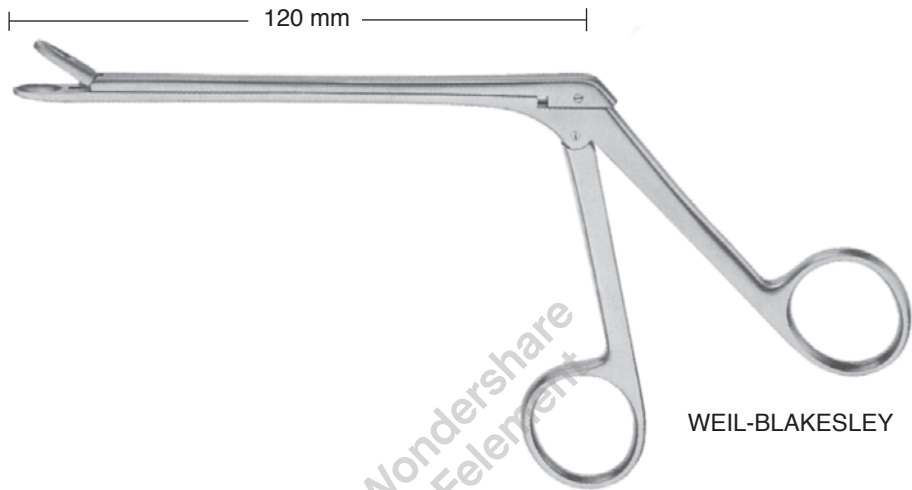


3 x 5 mm






Biopsiezange mit Löffelmaul
Biopsy Forceps with cup jaw
Pinza para biopsia con boca en forma de cucharilla

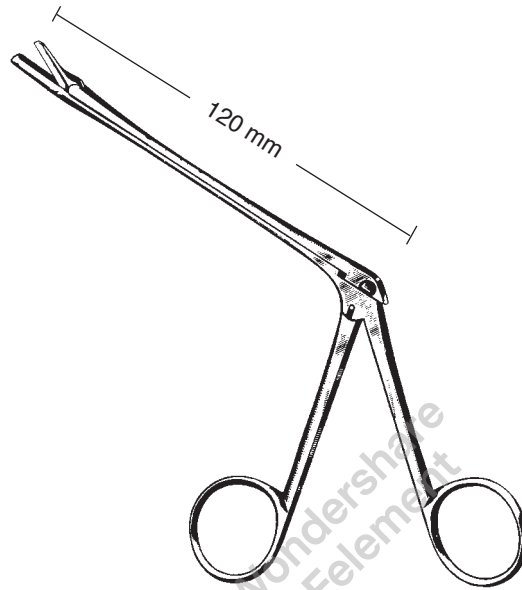
Nasal Cutting Forceps
Pinzas nasales cortantes




WEIL-BLAKESLEY


			
	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

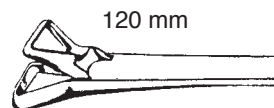
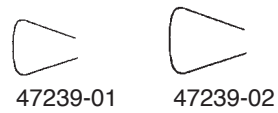
 47235-07
7 mm

 47235-09
9 mm

 47235-11
11 mm

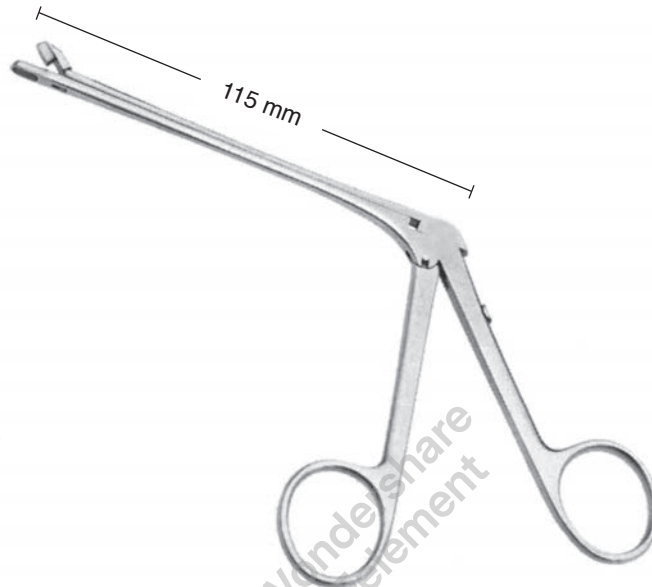


HARTMANN



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



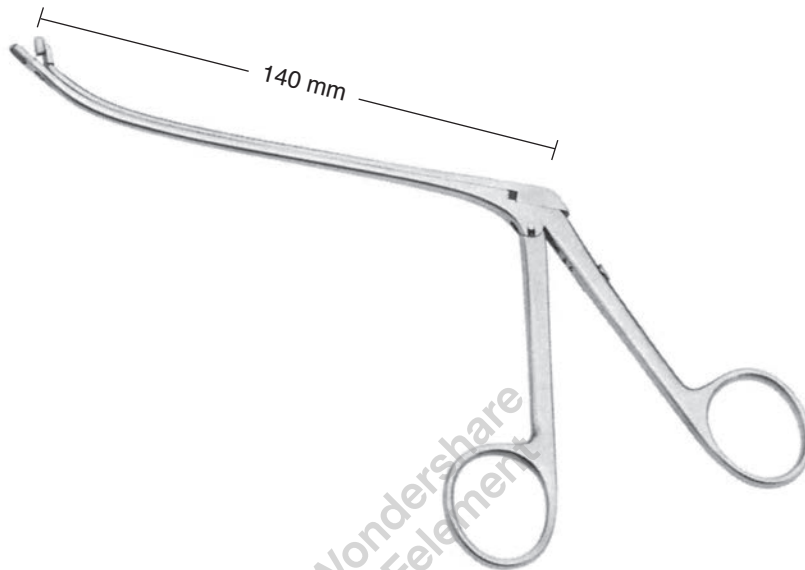
47230-05
 1,4 x 5 mm

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

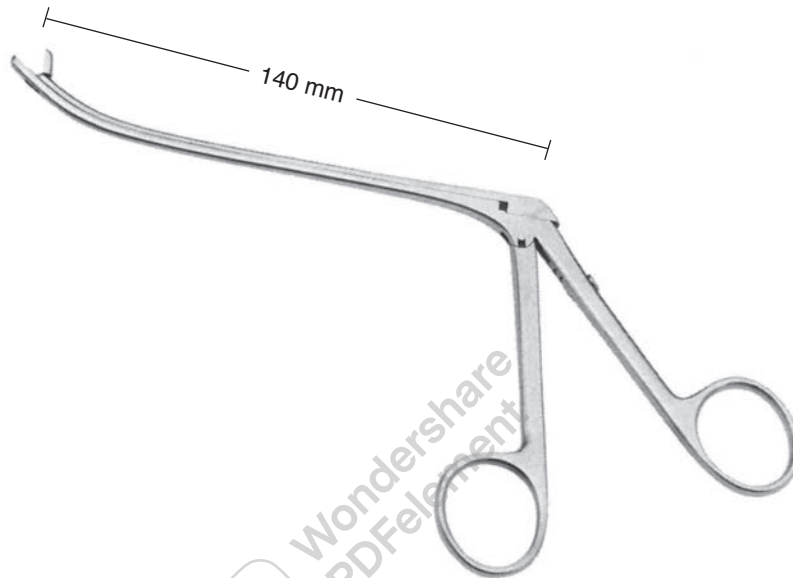
fein, gerade
delicate, straight
fina, recta



47233-01
3 x 5 mm

fein, aufgewinkelt
delicate, angled
fina, angulada hacia arriba

Scharfe Nasenzangen
Nasal Cutting Forceps
Pinzas nasales cortantes



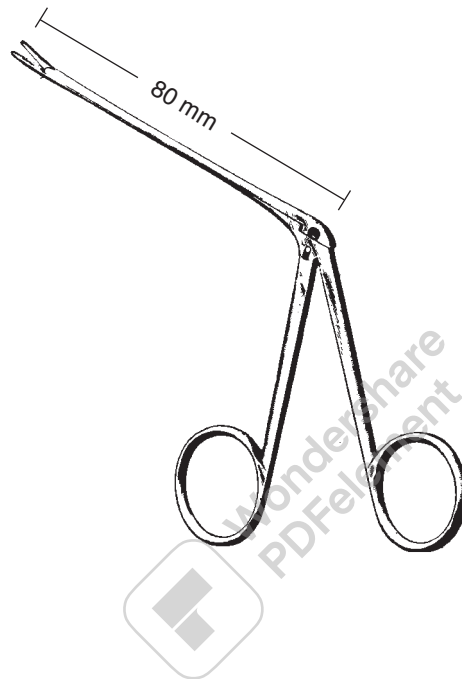
47233-02
4 x 5 mm

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"



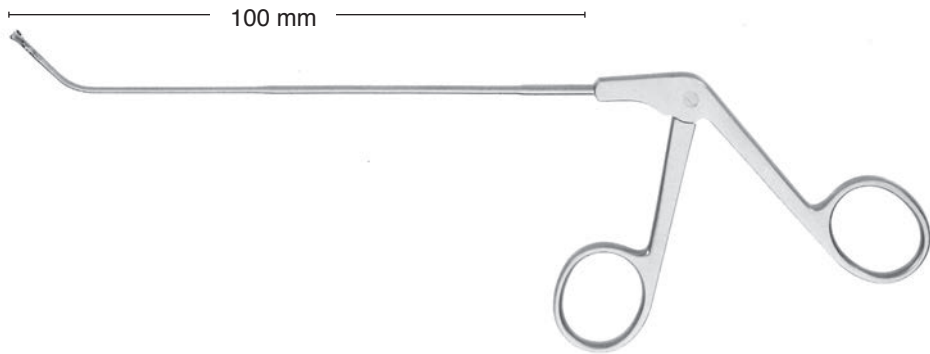
Ø mm	HARTMANN
2,0	45267-20 8,5 cm, 3.4"
2,5	45267-25 8,5 cm, 3.4"

○ 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

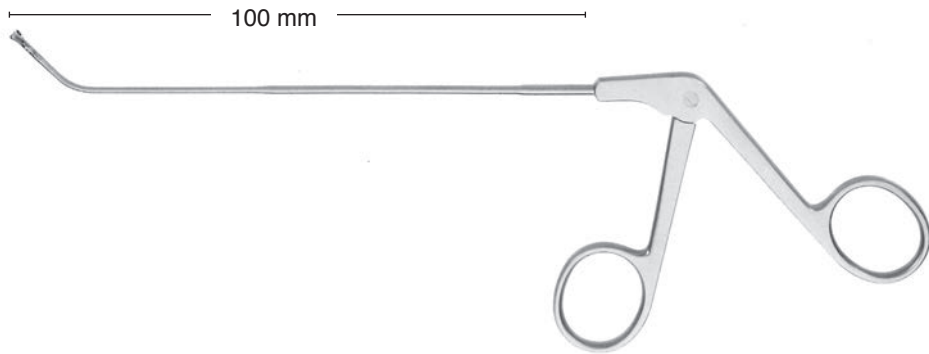
90° rückwärts öffnend nach unten
90° backward opening downwards
apertura de 90° hacia atrás hacia abajo



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 rígida



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



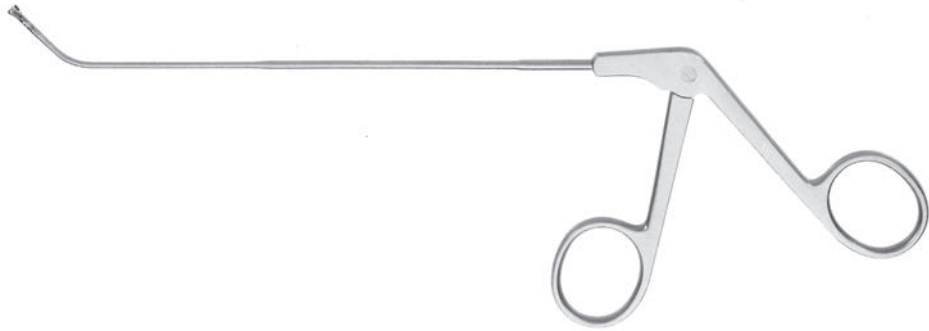
47324-03

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



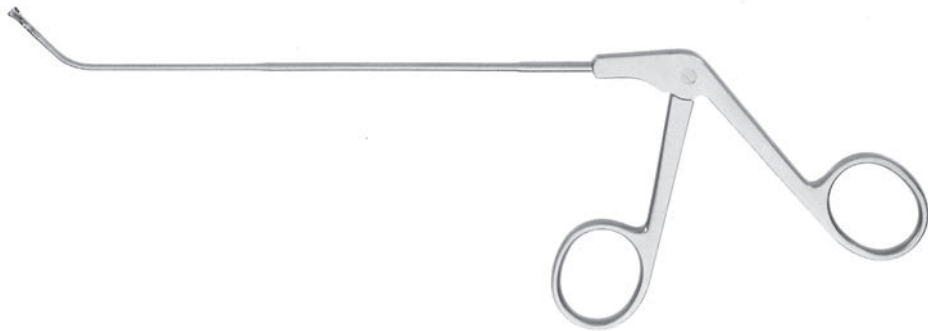
Doppellöffel, vertikal öffnend
 Cup, double action vertical jaw
 Boca en forma cuchara de doble accion, boca vertical

	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

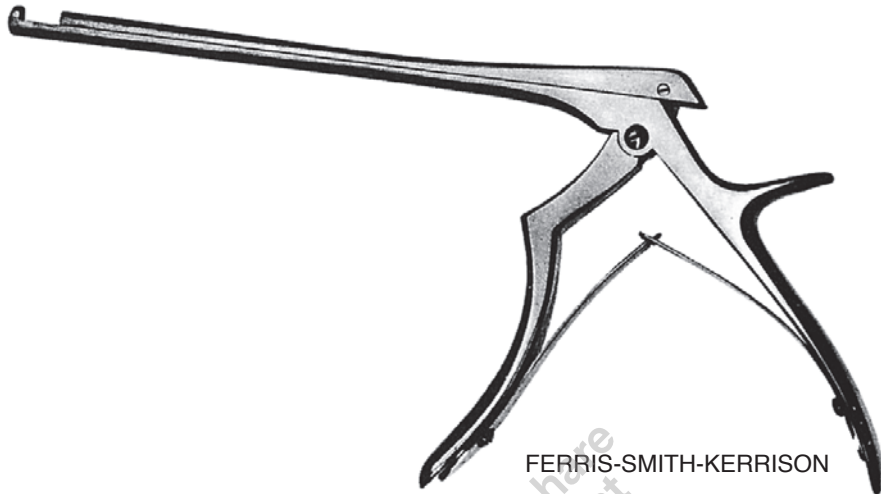
BLAKESLEY Nasenzange, Arbeitslänge 130 mm
 BLAKESLEY nasal forceps, working length 130 mm
 Pinza nasal BLAKESLEY, largo util de 130 mm

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

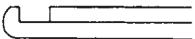
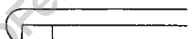



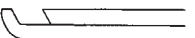
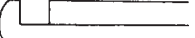

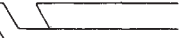

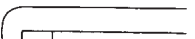
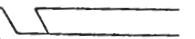
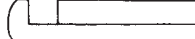
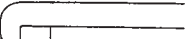
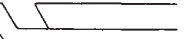
Schnitt / Cut / corte	3,0 mm	3,5 mm	4,0 mm
	47223-30	47223-35	47223-40
	47226-30	47226-35	47226-40

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

FERRIS-SMITH-KERRISON

	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

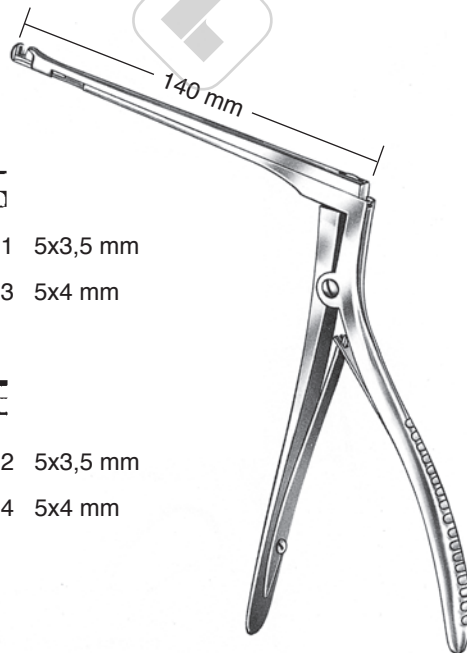
auch lieferbar mit Dünnpfuf
also available with thin foot plate
tambien disponible con lámina de punzonar estrecha

Stanzen
Punches
Pinzas



KERRISON
17 cm, 6 1/4"

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



⌒ 47304-01 5x3,5 mm

⌒ 47304-03 5x4 mm



⌒ 47304-02 5x3,5 mm

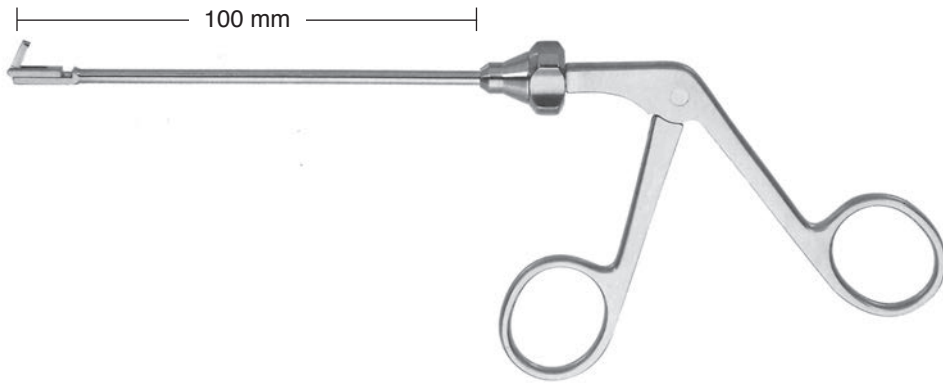
⌒ 47304-04 5x4 mm

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

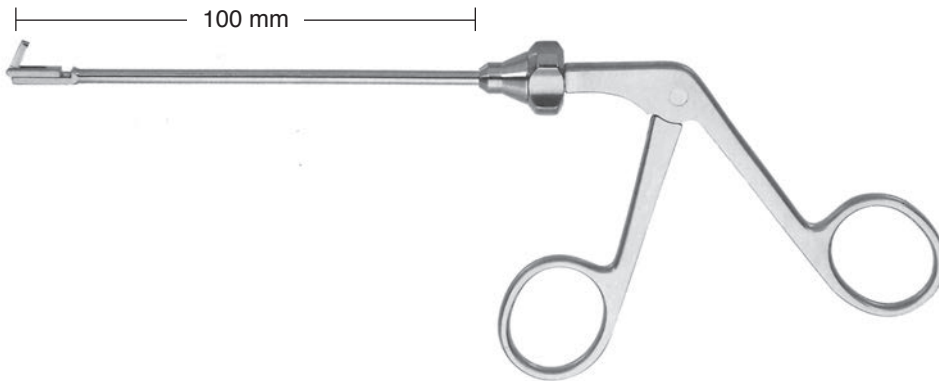
- 47316-00 rechts schneidend / right cutting / corte hacia la derecha
 47317-00 links schneidend / left cutting / corte hacia la izquierda
 47315-00 nach oben schneidend / upward cutting / corte hacia arriba
 47314-00 nach unten schneidend / downward cutting / corte hacia abajo



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

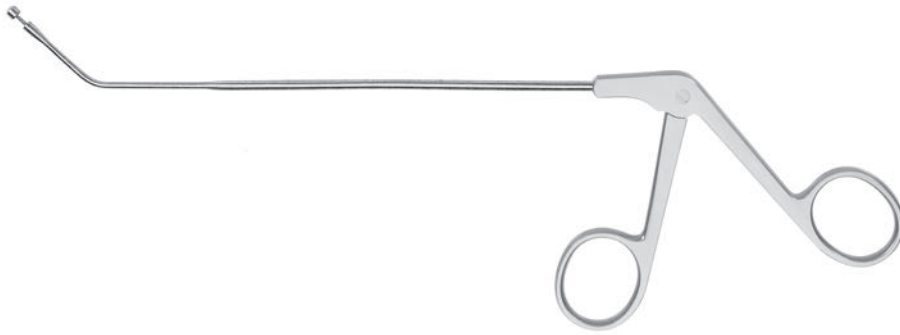


Ø 3,0 mm

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



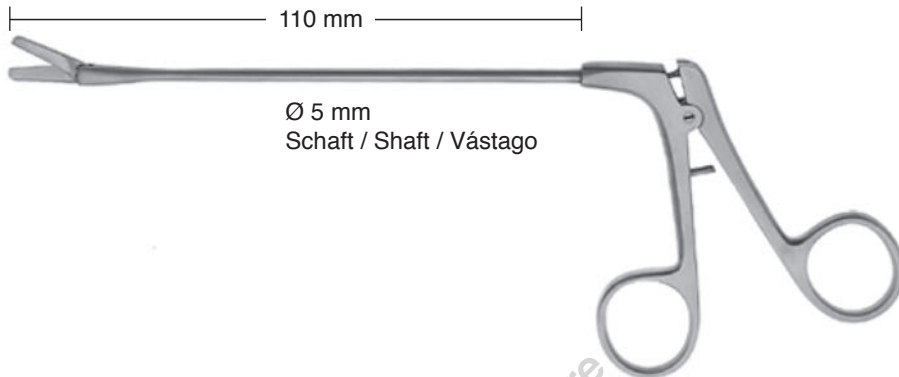
360° schneidend / cutting / cortante

gerader Schaft
 shaft straight
 vástago recto

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

Ø 3,5 mm 47319-35
 Ø 4,5 mm 47319-45

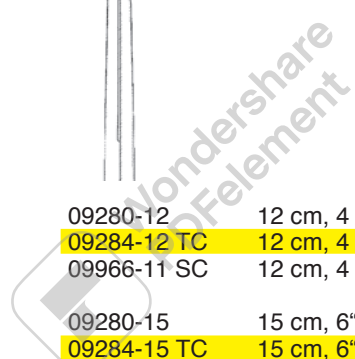
47320-35
 47320-45

Nasenscheren
Nasal Scissors
Tijeras nasales47305-01
gerade
straight
recta47305-02
rechts gebogen
right curved
curvada hacia la derecha47305-03
links gebogen
left curved
curvada hacia la izquierda

Präparierscheren
Dissecting Scissors
Tijeras de disección



METZENBAUM



09280-12	12 cm, 4 □"	09281-12
09284-12 TC	12 cm, 4 □"	09285-12 TC
09966-11 SC	12 cm, 4 □"	09967-11 SC
09280-15	15 cm, 6"	09281-15
09284-15 TC	15 cm, 6"	09285-15 TC
09970-14 SC	15 cm, 6"	09971-14 SC
09280-18	18 cm, 7"	09281-18
09284-18 TC	18 cm, 7"	09285-18 TC
09970-18 SC	18 cm, 7"	09971-18 SC

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

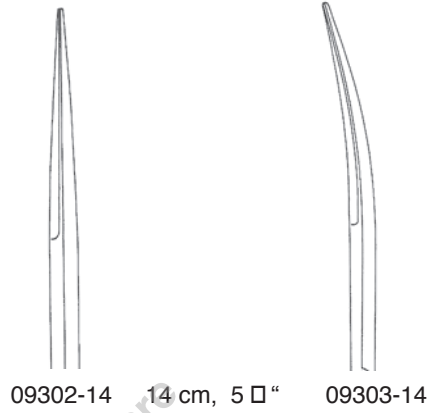
18 cm, 7"
18 cm, 7"

09283-18
09287-18 TC

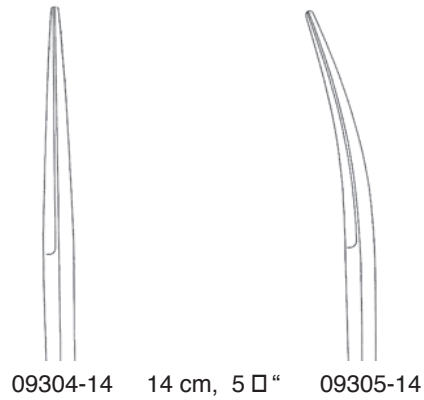
Dissecting Scissors
Tijeras de disección



SANVENERO



JOSEPH



Präparierscheren
Dissecting Scissors
Tijeras de disección

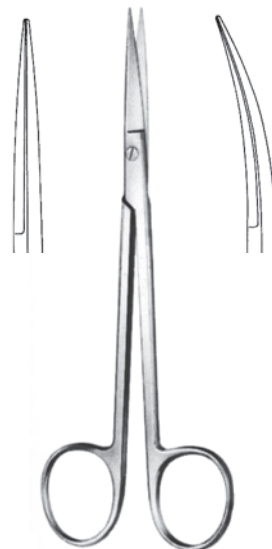


- | | |
|--------------------|----------------------|
| 09310-12 | 12 cm, 4 1/4" |
| 09314-12 TC | 12 cm, 4 1/4" |
| 09995-12 SC | 12 cm, 4 1/4" |
| 09310-15 | 15 cm, 6" |

KILNER (RAGNELL)



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



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

Feine Scheren
Delicate Scissors
Tijeras finas



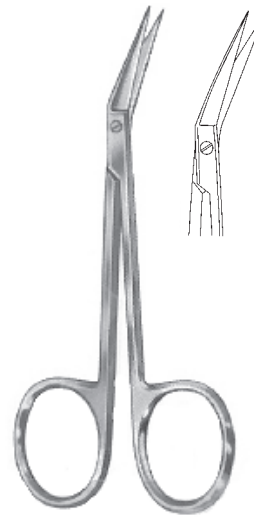
IRIS

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



BONN

09342-08 8 cm, 3 1/8" 09343-08



IRIS

09346-11
11 cm, 4 3/8"

Feine Scheren
Delicate Scissors
Tijeras finas



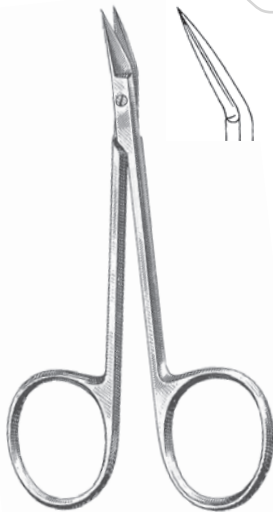
Feine Scheren
Delicate Scissors
Tijeras finas



LITTLER
09349-12
12 cm, 4 1/4"



GRAEFE
09350-10
10 cm, 4"



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



COTTLE
09358-11
11 cm, 4 3/8"

Feine Scheren
Delicate Scissors
Tijeras finas



GRADLE
09350-09 9,5 cm, 3 □" 09351-09



09352-09 9,5 cm, 3 □" 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 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 3/8" 09371-11
09374-11TC 11 cm, 4 3/8" 09375-11TC

Feine Scheren
Delicate Scissors
Tijeras finas



WAGNER
12 cm, 4 □"



09828-12



09826-12



09824-12
0982-12SC



WAGNER
12 cm, 4 □"



09823-12



09829-12



09825-12
09825-12 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 1/4"
09802-11 11 cm, 4 3/8"

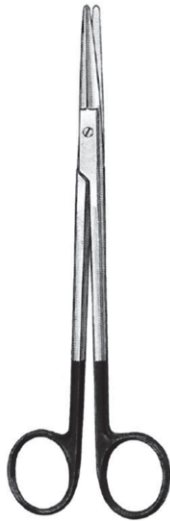


LITTAUER
09804-14
14 cm, 5 1/2"



O`BRIEN
09805-09
9 cm, 3 1/4"

Face Lift Scheren
Face Lift Scissors
Face Lift tijeras



GORNEY
19 cm, 7 1/2"

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



GORNEY-FREEMAN

10061-19	19 cm, 7 1/2"
10061-19 TC	19 cm, 7 1/2"
10061-19 SC	19 cm, 7 1/2"
10061-23	23 cm, 9"
10061-23 TC	23 cm, 9"
10061-23 SC	23 cm, 9"

Face Lift Scheren
Face Lift Scissors
Face Lift tijeras



KAYE

10028-14 TC	14 cm, 5 1/2"	10029-14 TC
10034-14 SC	14 cm, 5 1/2"	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 3/4"	10045-14
10048-14 SC	14,5 cm, 5 3/4"	10049-14 SC



BEUSE

10050-14	14 cm, 5 1/2"	10051-14
10050-18	18 cm, 7"	10051-18

Blepharoplastik Scheren
Blepharoplasty Scissors
Tijeras para blefaroplastia



GREENBERG-PAR

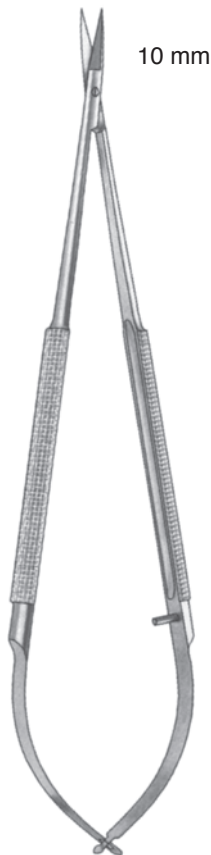
10201-11 11,5 cm, 4 □“
10201-11SC 11,5 cm, 4 □“



KAYE

10206-11 11,5 cm, 4 □“ 10207-11
10206-11SC 11,5 cm, 4 □“ 10207-11SC

Mikro Scheren
Micro Scissors
Micro tijeras



10 mm

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

10202-11

10203-11

14,5 cm, 5 \square "

10202-14
10202-14T

10203-14
10203-14T

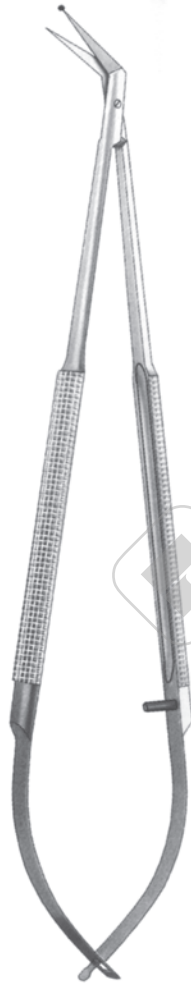
18 cm, 7"

10202-18
10202-18T

10203-18
10203-18T

T= Titan, titanium, titanio

Mikro Scheren
Micro Scissors
Micro tijeras



18 cm, 7"



25°

10220-25

10220-25T



45°

10220-45

10220-45T



60°

10220-60

10220-60T



90°

10220-90

10220-90T



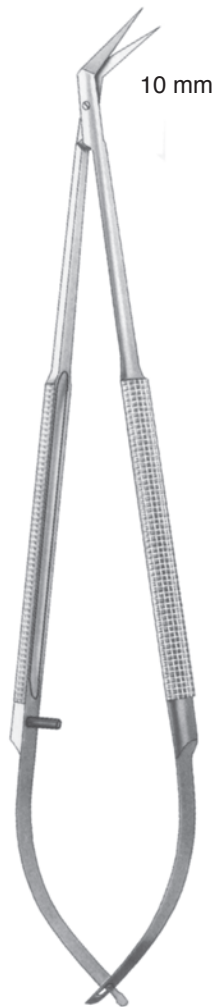
125°




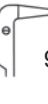

10220-00

10220-00T

T= Titan, titanium, titanio

Mikro Scheren
Micro Scissors
Micro tijeras



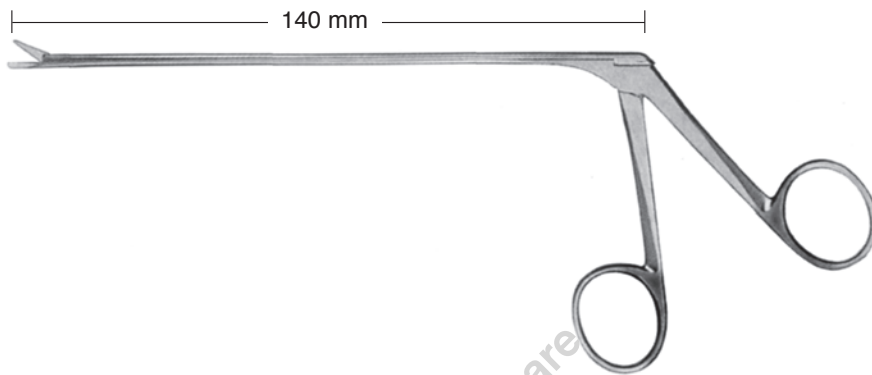
	11 cm 4 3/8"	14,5 cm 5 3/4"	18 cm 7"
 25°	10226-11	10226-14	10226-18 10226-18T
 45°	10227-11	10227-14	10227-18 10227-18T
 60°	10228-11	10228-14	10228-18 10228-18T
 90°	10229-11	10229-14	10229-18 10229-18T
 125°	10230-11	10230-14	10230-18 10230-18T

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-agujas



DERF
25110-12 12 cm, 4 □“ 25114-12 TC



WEBSTER
25128-13 13 cm, 5 1/8“
25129-13 TC 13 cm, 5 1/8“

BABY-WEBSTER
25136-11 11 cm, 4 3/8“
25137-11 TC 11 cm, 4 3/8“

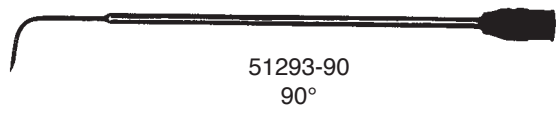
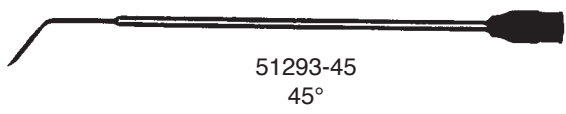
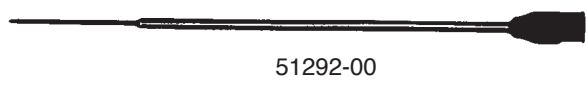
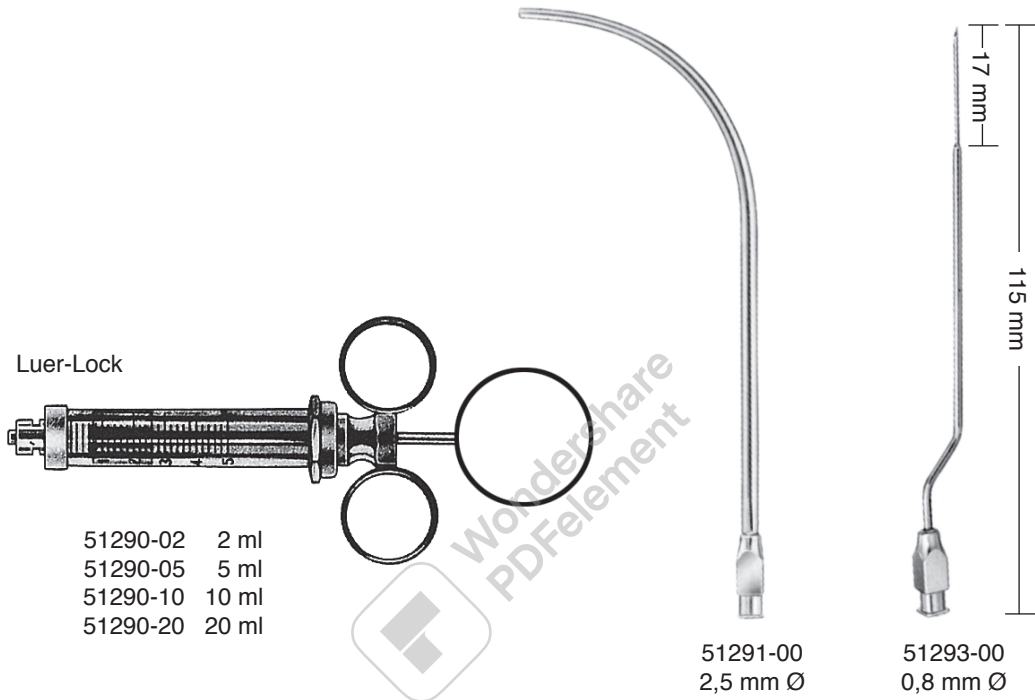


HALSEY
25130-13 13 cm, 5 1/8“ 25140-13
25134-13 TC 13 cm, 5 1/8“ 25144-13 TC



CRILE-WOOD
25160-15 15 cm, 6“ 25164-15 TC

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



Saugrohre
Suction Tubes
Tubos de aspiración

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

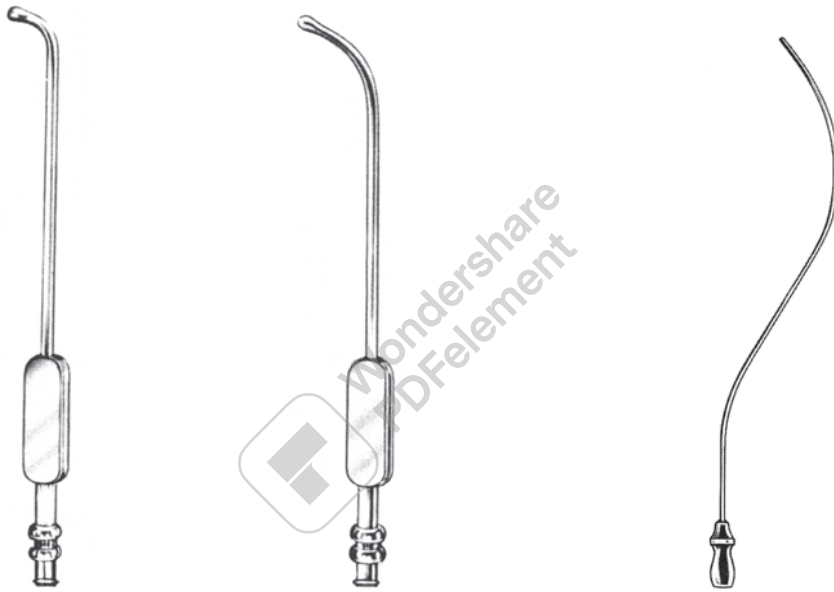


41312-10
Nutzlänge 10 cm, 4"
Working length 10 cm, 4"
Largo útil 10 cm, 4"

41312-26
Nutzlänge 26 cm, 10 □"
Working length 26 cm, 10 □"
Largo útil 26 cm, 10 □"

Kabelanschluß männlich
Cable connector male
Conexion del cable macho

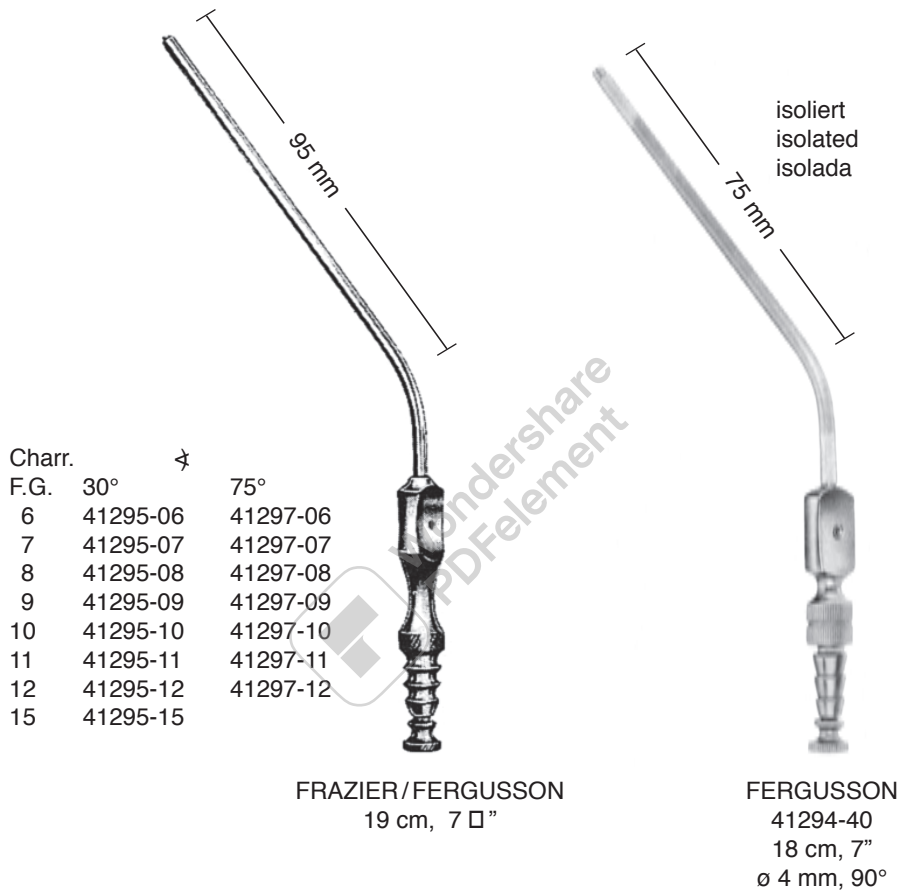
Spülkanülen
Irrigating Tubes
Canulas irrigadoras



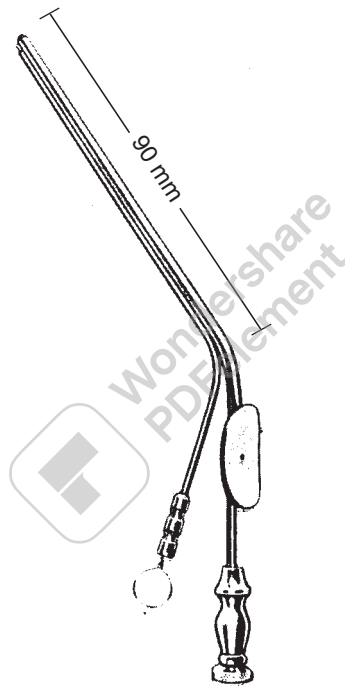
EICKEN (KILLIAN)
14,5 cm, 5 □"
Ø

47331-20	2,0 mm	47332-20
47331-25	2,5 mm	47332-25
47331-30	3,0 mm	47332-30
47331-40	4,0 mm	47332-40

KILLIAN
Ø 1,5 mm
47345-15

Saugkanülen
Suction Tubes
Cánulas aspiradoras

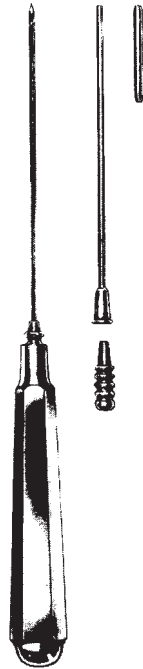
Saugrohre
Suction Tubes
Tubos de aspiración



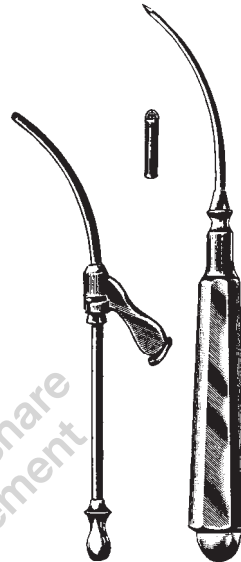
HOUSE
9 cm, 3 1/4"

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

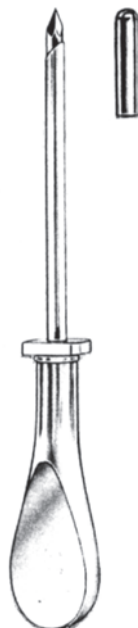
Trokare
Trocars
Trócares



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
Bisturios nasales



JOSEPH
16 cm, 6 1/4"



47370-16 47371-16
stumpf, blunt,
romos



47372-16 47373-16
spitz, pointed,
agudos



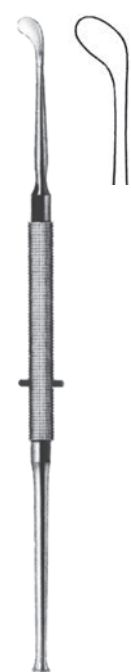
Wondershare
PDFelement



FREER
47374-16
16,5 cm, 6 1/4"



JOSEPH
47375-16
16,5 cm, 6 1/4"

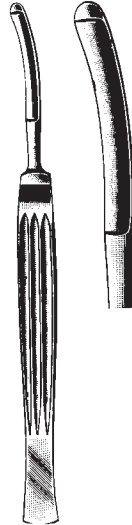


FREER
47375-19
19 cm, 7 1/4"

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



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



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



COTTLE
47380-15
15 cm, 6"



COTTLE
47382-15
15 cm, 6"



JOSEPH
47384-15
15 cm, 6"



JOSEPH
47385-15
15 cm, 6"



Hadeo
19 cm, 7 1/4"



47386-01
spitz
pointed
agudo

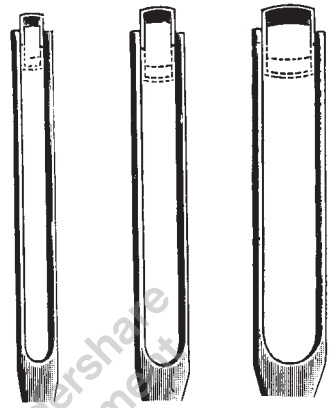


47386-02
stumpf
blunt
romo

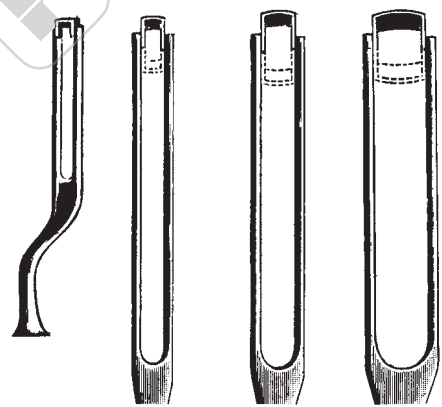
Schwingmesser
Septum Swivel Knives
Bisturios para el tabique nasal



BALLENGER
20 cm, 8"



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



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

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



FREER-INGALS
47372-17
17 cm, 6 1/8"



MASING
47377-13
13 cm, 5 1/8"

Dermatome
Dermátomos

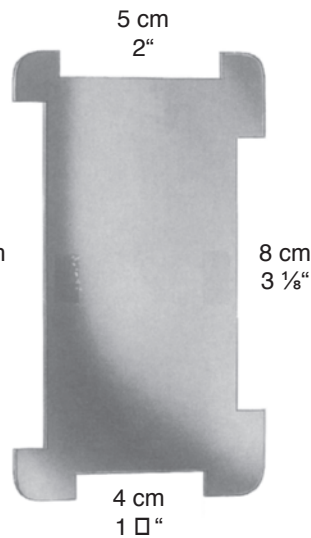


SCHINK
07490-00
30 cm, 11 1/4"

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



07490-01
Ersatzklinge
Spare blade
Hoja de repuesto



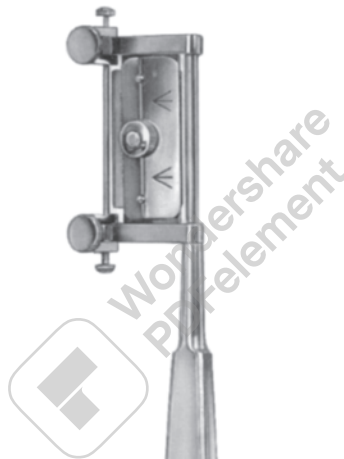
07490-02

Spannplatte
Skin straightening plate
Placa para extender la piel

Dermatome
Dermatome
Dermàtomos



HUMBY
07495-31
31 cm, 12 □“



SILVER
07498-00
19 cm, 7 □“



WATSON
07499-00
30 cm, 11 □“

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



McKENY
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"



5 mm



MASING
47414-21
21 cm, 8"

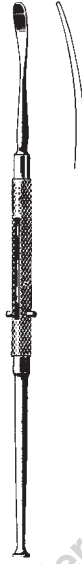


5 mm

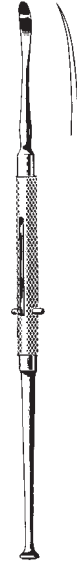
Septum Elevatoren
Septum Elevators
Elevadores para el tabique



FREER
47415-18
18 cm, 7"



FREER
47417-19
19 cm, 7 1/4"



FREER
47419-19
19 cm, 7 1/4"



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



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



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 1/4"



HOWARTH
47421-21
21,5 cm, 8 1/4"



COTTLE
47421-23
23 cm, 9"



COTTLE JOSEPH
47422-22
22 cm, 8 1/4"



COTTLE
47423-22
22 cm, 8 1/4"

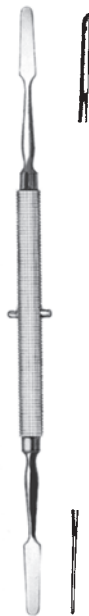
Septum Elevatoren
Septum Elevators
Elevadores para el tabique



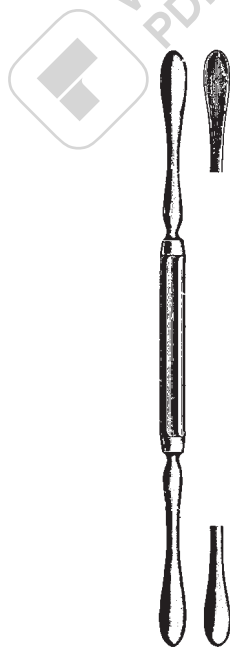
COTTLE
47424-16
16 cm, 6 □"



COTTLE
47425-19
19 cm, 7 □"



KILLIAN
47426-22
22 cm, 8 □"



HAJEK-BALLENGER
47428-21
22 cm, 8 □"



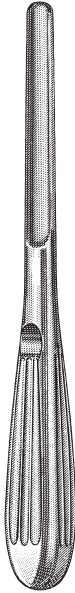
BALLENGER
47430-22
22 cm, 8 □"

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"

Antrum-Elevator
Antrum Elevator
Elevador para el antro



GOLDMANN
33720-20
20 cm, 8"

Raspatorien
Raspatories
Periostótomos

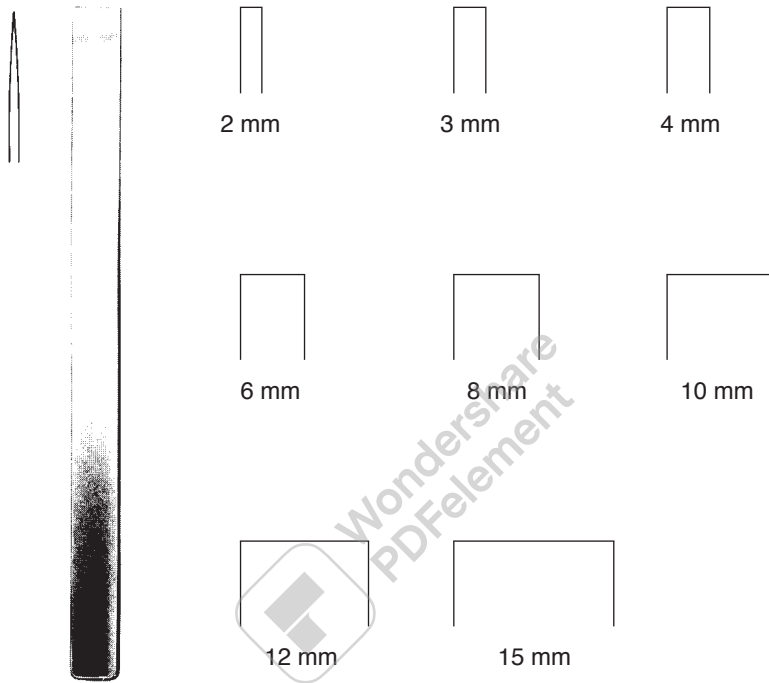


Osteotom mit Ferrozellgriff
Osteotome with Ferrozell-Handle
Osteótomo con mango de Ferrozell



LEXER
22 cm, 8 □"

Osteotome
Osteotomes
Osteotomo



MINI-LAMBOTTE

12,5 cm, 5"	mm	17 cm, 6 1/2"
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

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



COTTLE
18 cm, 7"



47454-04
4 mm



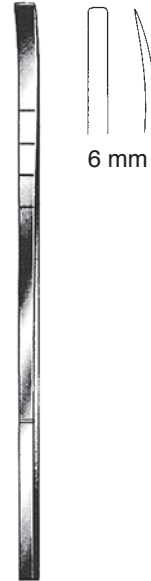
47454-07
7 mm



47454-09
9 mm



47454-12
12 mm



COTTLE
47455-06
18 cm, 7"



6 mm



COTTLE
18 cm, 7"



47458-04
4 mm



47458-07
7 mm



47458-09
9 mm



47458-12
12 mm



COTTLE
18 cm, 7"



47460-04
4 mm



47460-07
7 mm

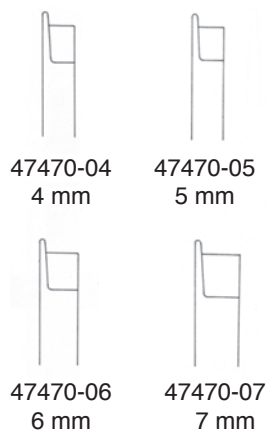


47460-12
12 mm

Septum Meißel
Rhinoplastic Chisels
Cinceles para la plàstica nasal



FOMON
17 cm, 6 □"



47470-04
4 mm

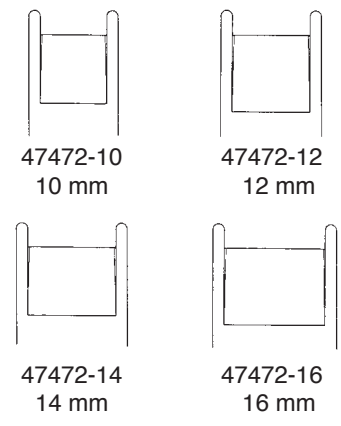
47470-05
5 mm

47470-06
6 mm

47470-07
7 mm



CINELLI
16 cm, 6 □"



47472-10
10 mm

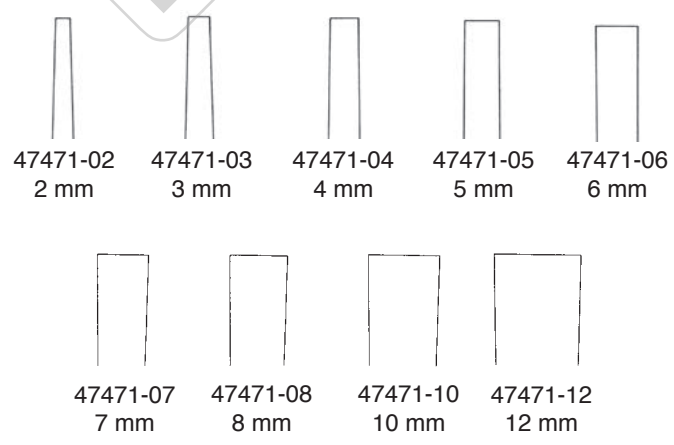
47472-12
12 mm

47472-14
14 mm

47472-16
16 mm



SHEEHAN
16 cm, 6 □"



47471-02
2 mm

47471-03
3 mm

47471-04
4 mm

47471-05
5 mm

47471-06
6 mm

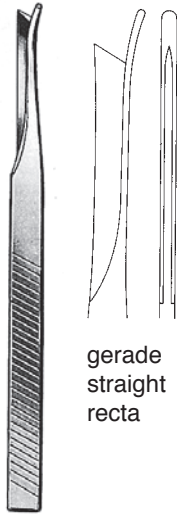
47471-07
7 mm

47471-08
8 mm

47471-10
10 mm

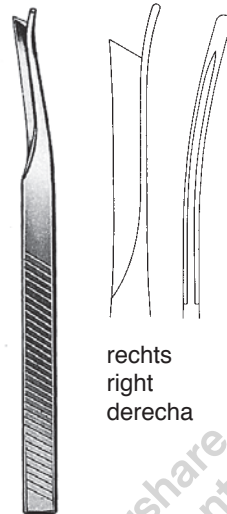
47471-12
12 mm

Septum Meißel, Osteotom
Rhinoplastic Chisels, Osteotomes
Cinceles para la plàstica nasal, Osteótomos



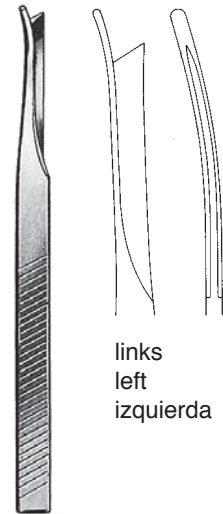
gerade
straight
recta

SILVER
47473-01
18 cm, 7"



rechts
right
derecha

SILVER
47473-02
18 cm, 7"



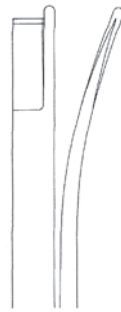
links
left
izquierda

SILVER
47473-03
18 cm, 7"



47474-03

gerade
straight
recta



47474-01

rechts
right
derecha

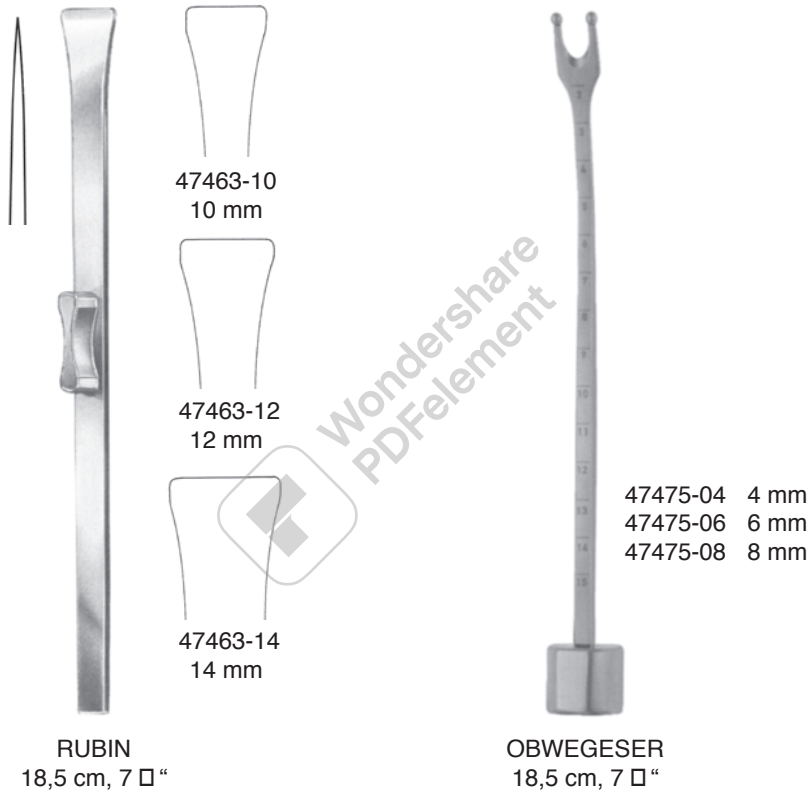


47474-02

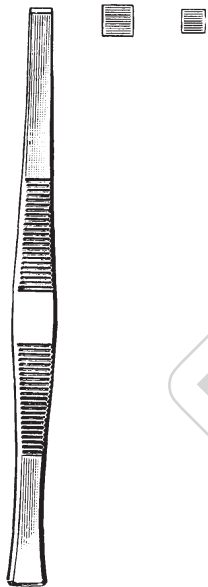
links
left
izquierda

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

Osteotome
Osteotomes
Osteotomos



Meißel
Chisels
Cinceles



PASSOW
12 cm, 4 1/4"
33626-35 3,5 mm
33626-25 2,5 mm



47457-03
3,0 mm

47457-05
4,5 mm

WALTER
18 cm, 7"

Septum Meißel
Rhinoplastic Chisels
Cinceles para la plàstica nasal



KILLIAN-CLAUS
47482-05
17 cm, 6 □"



HAJEK
16 cm, 6 □"

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



WEST
47486-16
16 cm, 6 □"



WEST
47487-16
16 cm, 6 □"



FREER
47489-16
16 cm, 6 □"

Knorpelquetscher
Cartilage Crusher
Machacadora de cartilago



COTTLE
47461-00 7,5 cm, 3"

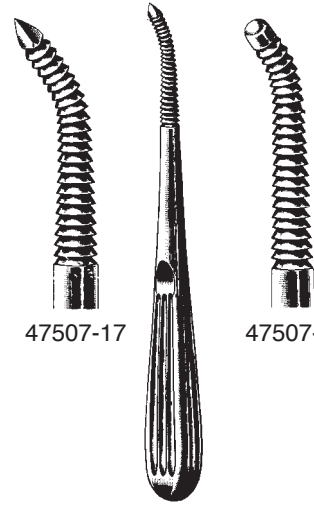
Nasenraspeln
Nasal Rasps
Escofinas nasales



JOSEPH
47502-16 16 cm, 6 □"



MALTZ
47504-18 18 cm, 7"



47507-17

47507-18

WIENER
18 cm, 7"



diamantiert
with diamond coating
con boca de diamante

PEET
47523-01 19 cm 7 □" 47523-02



GLABELLA
47524-01 21 cm, 8 □"

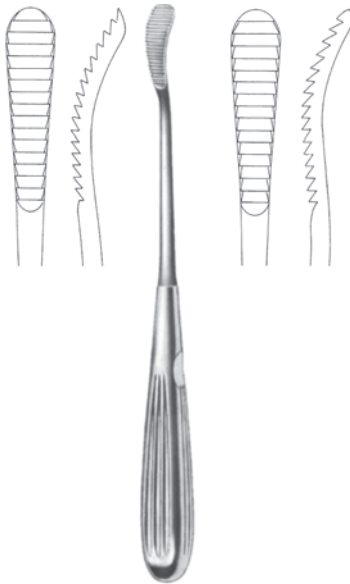
47525-20
fein, 20 Zähne
fine, 20 teeth
fina, 20 dientes



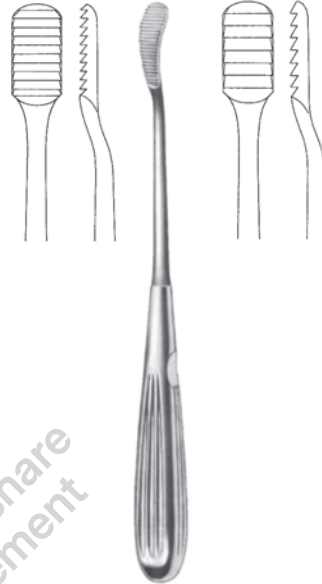
47526-20
grob, 11 Zähne
coarse, 11 teeth
gruesa, 11 dientes

PARKES
21 cm, 8 □"

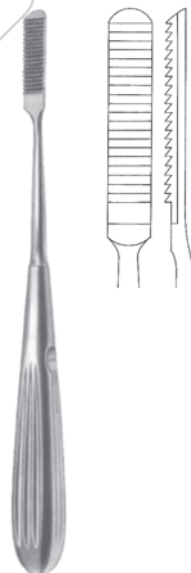
Nasenraspeln
Nasal Rasps
Escofinas nasales



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

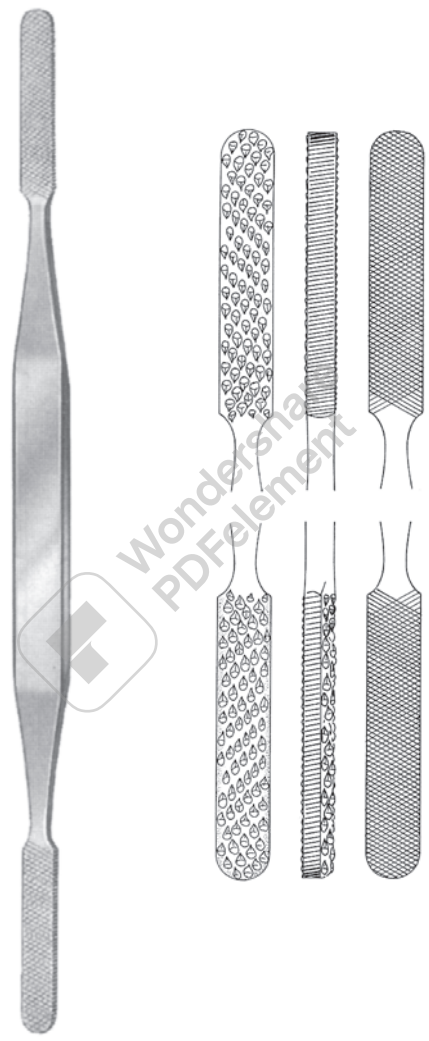


JOSEPH (LEWIS)
47514-16 18 cm, 7" 47516-16



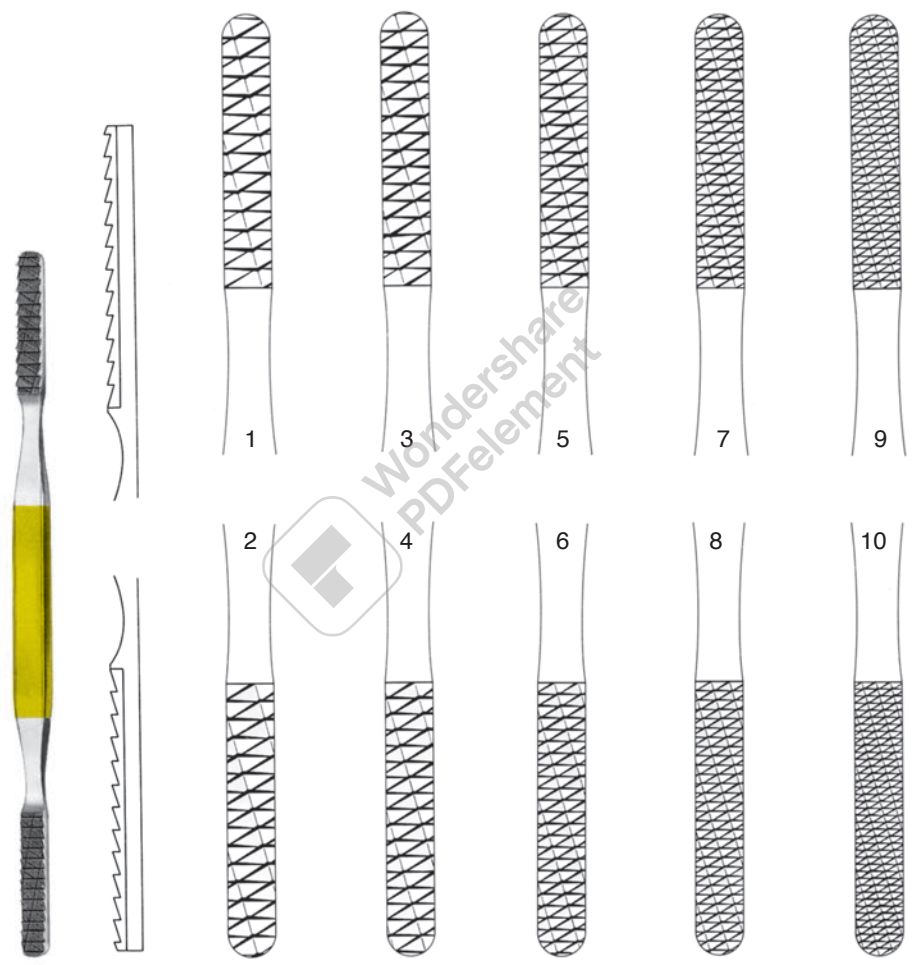
MALTZ (COTTLE)
47518-21 21 cm, 8 1/4"

Nasenraspel
Nasal Rasp
Escofina nasal



FOMON
47520-21
21 cm, 8 □“

Nasenraspeln
Nasal Rasps
Escofinas nasales



FOMON
20 cm, 8"

Fig. 1/2
47522-01 TC

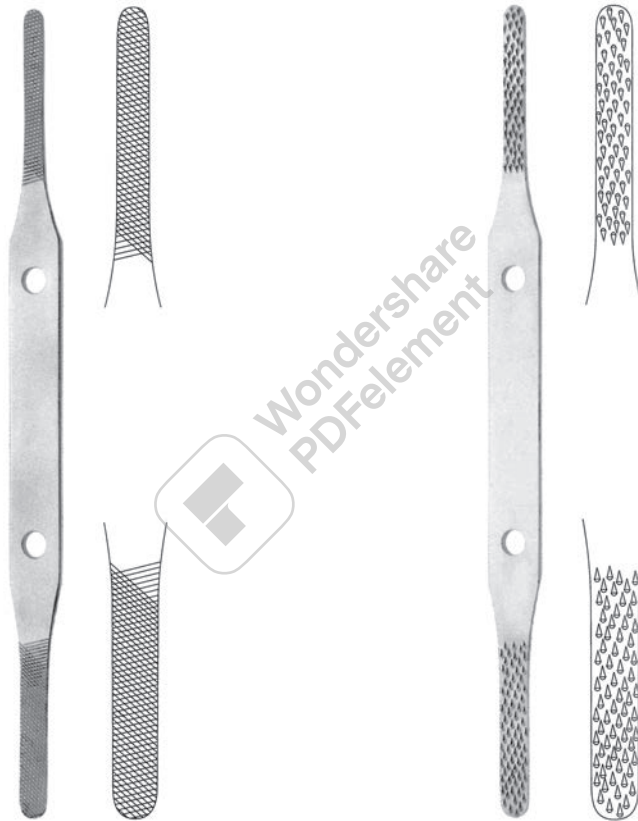
Fig. 3/4
47522-04 TC

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 □“

MASING
47528-02
21 cm, 8 □“

Nasenraspeln
Nasal Rasps
Escofinas nasales

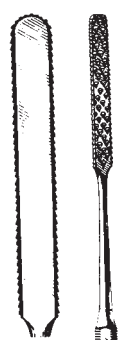


Fig. 1
47526-16



Fig. 2
47527-16

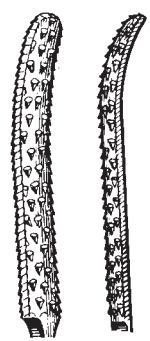
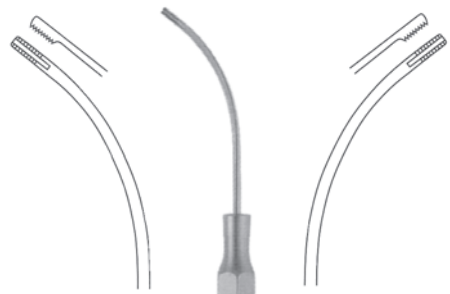


Fig. 3
47529-16



GALLAHER
16 cm, 6 □"

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

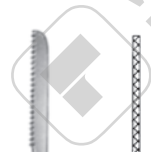


47530-01
Fig. 1

47530-02
Fig. 2



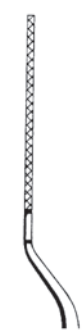
DINGMAN Set
47530-00
15 cm, 6"



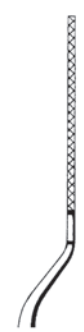
JOSEPH
19 cm, 7 1/2"



47533-19
gerade
straight
recta



47532-19
links
left
izquierda



47534-19
rechts
right
derecha

Nasensägen
Nasal Saws
Sierras nasales

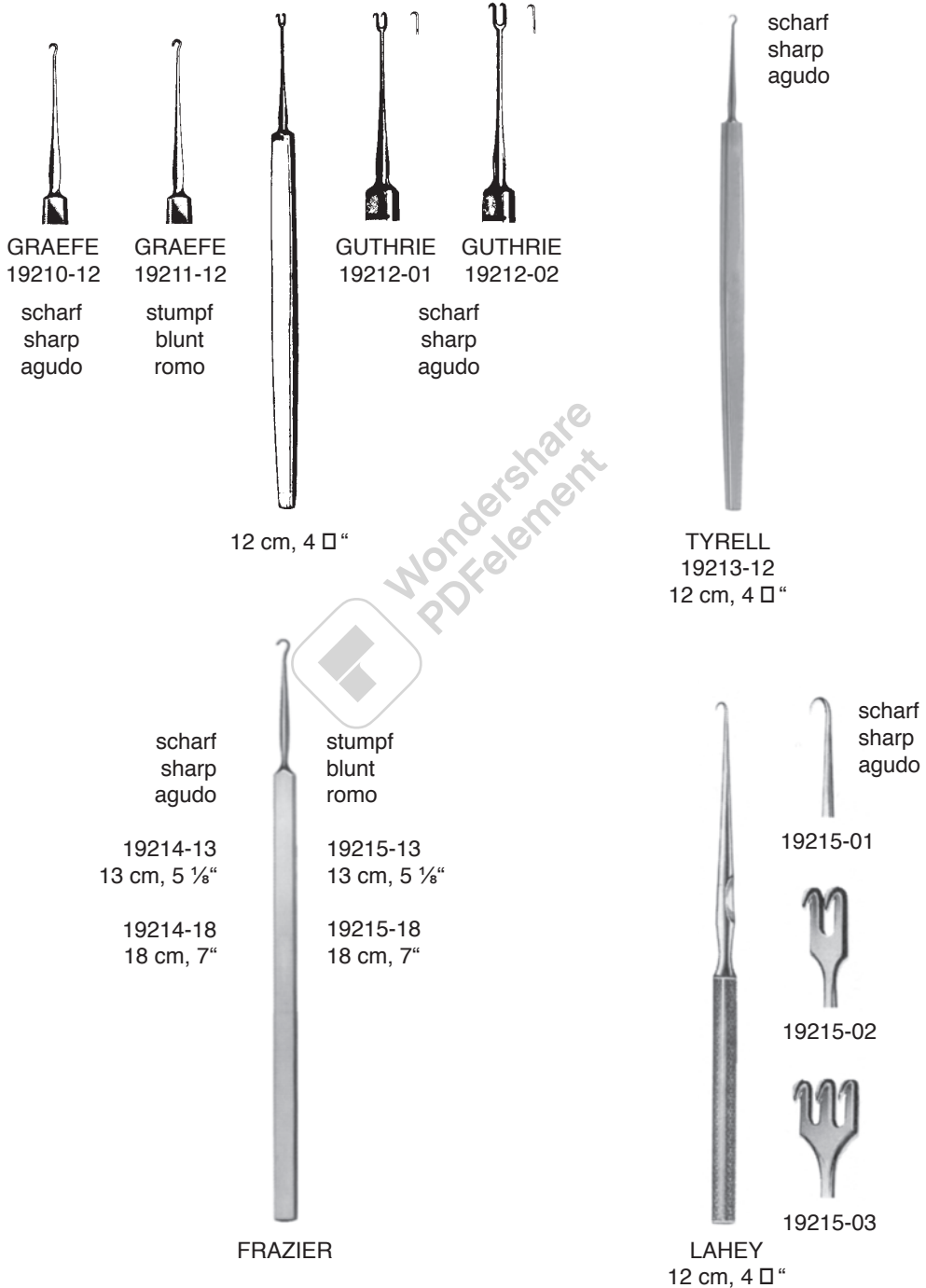


JOSEPH
47535-01 17 cm, 6" 47535-02



LINDEMANN
47535-20 20 cm, 8"

Feine Wundhäkchen
Fine Retractors
Ganchos finos



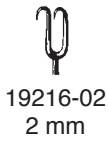
Feine Wundhäkchen
Fine Retractors
Ganchos finos



JOSEPH
16 cm, 6 1/4"



19216-01
1 mm



19216-02
2 mm



19216-05
5 mm



19216-07
7 mm



19216-10
10 mm



KLEINERT-KUTZ
13 cm, 5 1/8"



19217-03



19217-05



19217-07

Feine Wundhäkchen
Fine Retractors
Ganchos finos

3 mm



BARSKY
19218-01
15 cm, 6"

3 mm



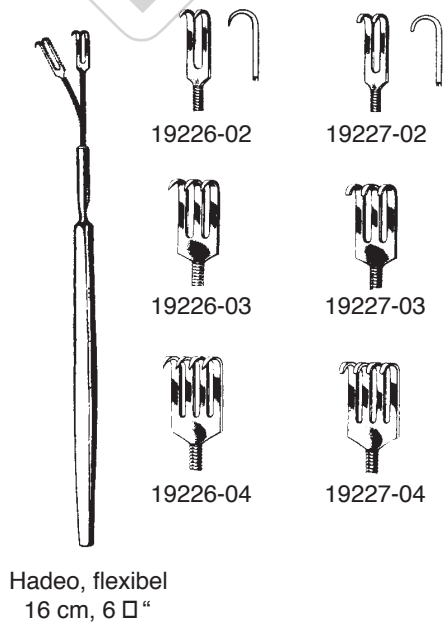
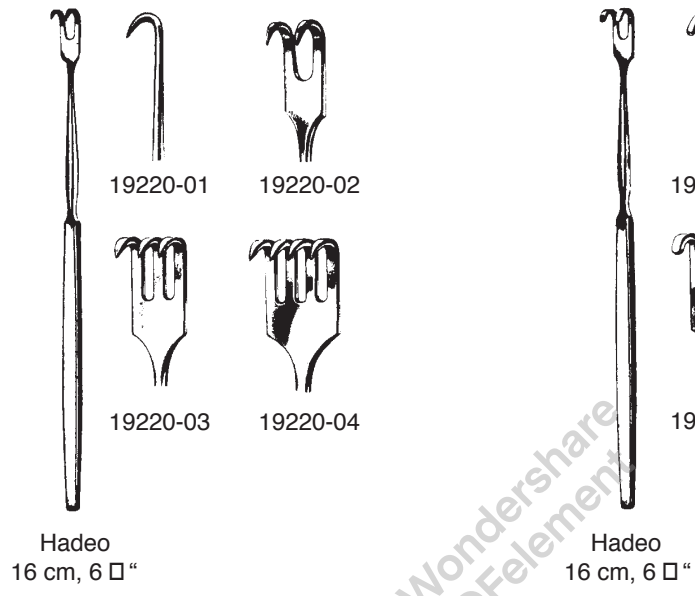
BARSKY
19218-02
15 cm, 6"

3 mm



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

Feine Wundhäkchen
Fine Retractors
Ganchos finos



Feine Wundhäkchen
Fine Retractors
Ganchos finos



spitz
sharp
agudo

ROLLET
43376-13
13,5 cm, 5 1/8"



stumpf
blunt
romo

KNAPP
43377-13
13 cm, 5 1/8"



LUCAE
14 cm, 5 1/2"



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



COTTLE
47540-16
16 cm, 6 □"



MASING
47541-14
14 cm, 5 □"



AUFRICHT
47542-12
12 cm, 4 □"



AUFRICHT
47551-16
16 cm, 6 □"

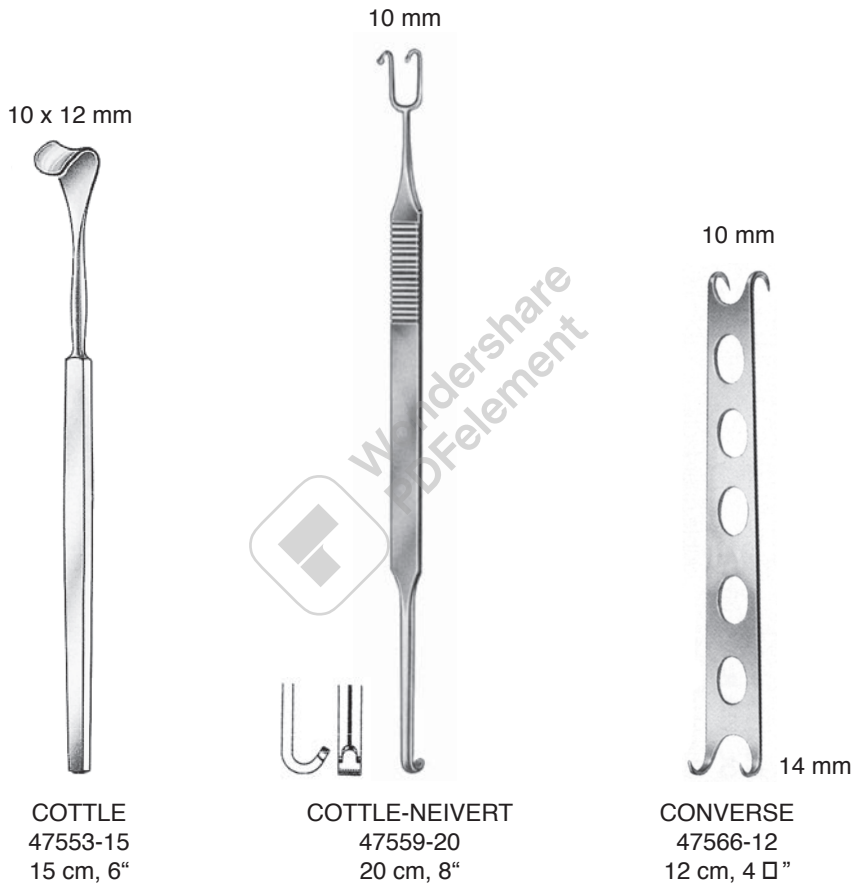


AUFRICHT
47551-16CL
16 cm, 6 □"



MASING-NEIVERT
47552-16
20 cm, 8 □"

Nasenflügelhäkchen
Alar Retractor
Gancho para las alas de la nariz

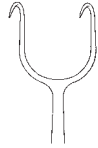


Nasenflügelhäkchen
Alar Retractor
Gancho para las alas de la nariz

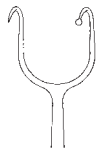
10 mm



COTTLE
14,5 cm, 5 1/4"



47554-01



47554-02



47554-03

3 x 11 mm



KILNER
47555-08
8 cm, 3 1/8"

10 mm



FOMON
47556-16
16 cm, 6 1/4"



FOMON
47557-17
17 cm, 6 3/4"

Feine Wundhäkchen
Fine Retractors
Ganchos finos



FREER
47558-15
15 cm, 6"



Fig. 1
47560-18

Fig. 2
47562-18

GILLIES
18 cm, 7"

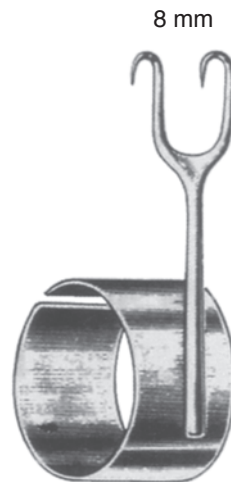


COTTLE
47564-16
16 cm, 6 1/4"

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

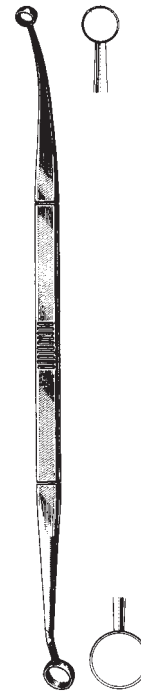


47387-01
vorwärts schneidend
forward cutting
corte hacia adelante



47387-02
rückwärts schneidend
backward cutting
corte hacia atras

ANTRUM
19 cm, 7 1/2"



FAULKNER
47601-21
21 cm, 8 1/2"



COAKLEY
17 cm, 6 1/2"



47607-01
Fig. 1



47607-02
Fig. 2



47607-03
Fig. 3



47607-04
Fig. 4

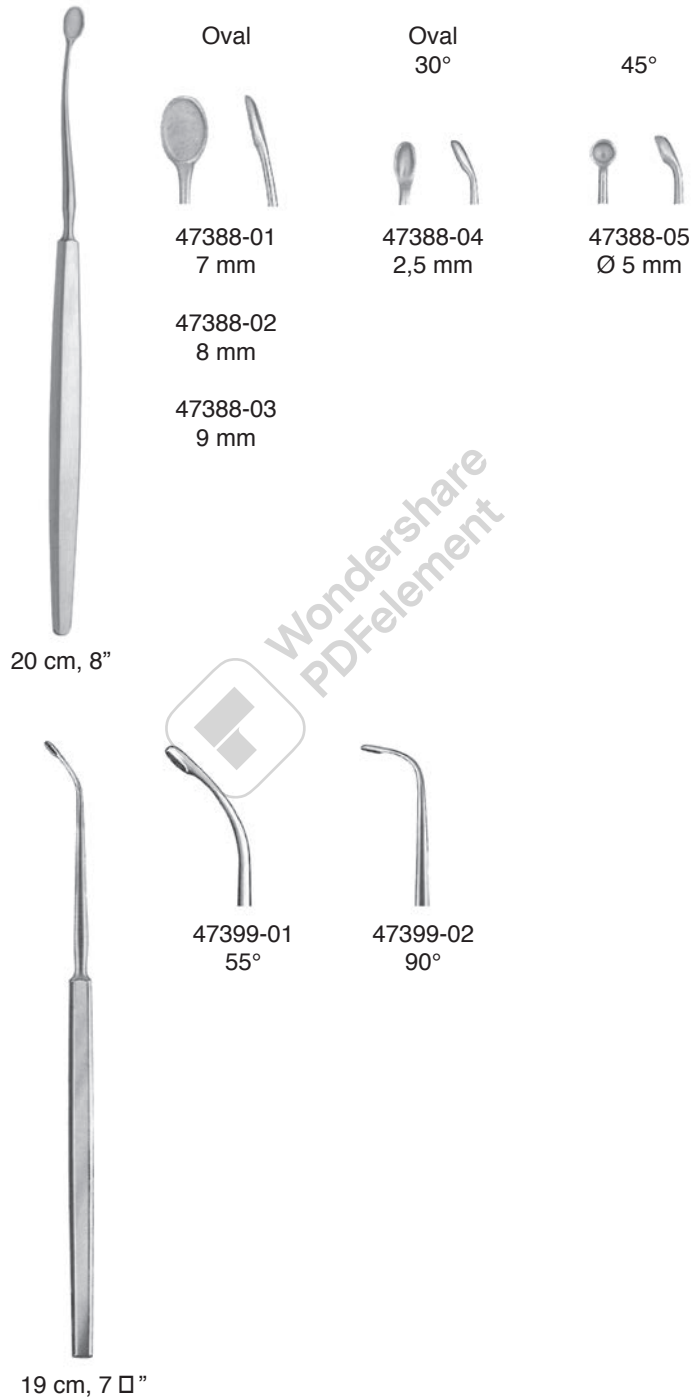


47607-05
Fig. 5

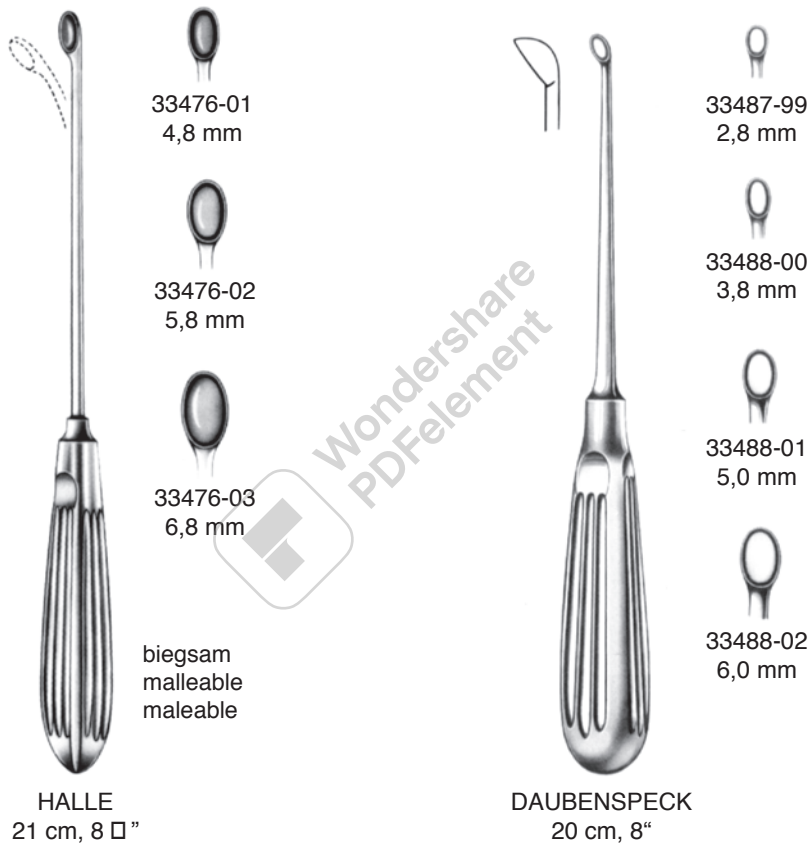


47607-06
Fig. 6

Antrum Kürette, Antrumlöffel
Antrum Curettes
Cucharillas para antro



Scharfe Löffel
Bone Currettes
Cucharillas cortantes



Hämmer
Bone Mallets
Martillos

Ø 25 mm



GERZOG
33686-25
18 cm, 7" 250g

Ø 25 mm



33694-01 18,5 cm, 7 □", 135 g
33694-03 Ersatzbacken
Nylon Caps
Tapas de repuesto

Ø 25 mm



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

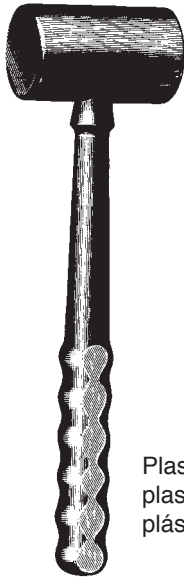
Ø 20 mm



MEAD
33693-32
17 cm, 6 □" 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, Diladores



RITTER-HALLE
16 cm, 6 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 1/4"
Ø 1,2 mm
Ø 1,5 mm



WILDER
43602-01



WILDER
43602-02



WILDER
43602-03

Sonden
Probes
Sondas

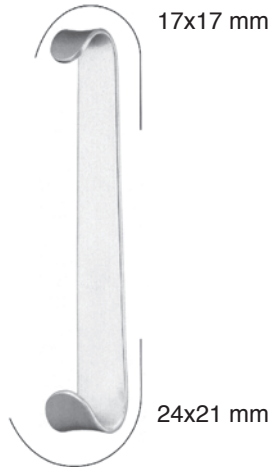
geknöpft
buttoned
abotonada



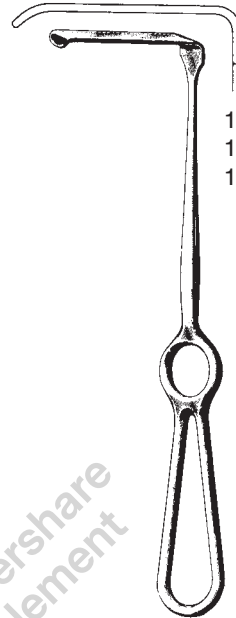
rostfrei
stainless steel
acero inoxidable

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 1/8"



19314-07 35x 7 mm
19314-14 70x14 mm
19314-20 60x20 mm

KOCHER-LANGENBECK
21 cm, 8 1/4"

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

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

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



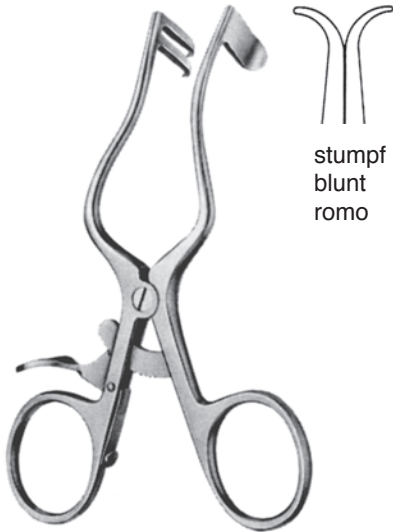
MIDDELDORPF



Kieferhöhlenhaken
Antrum Retractor
Separador para antro

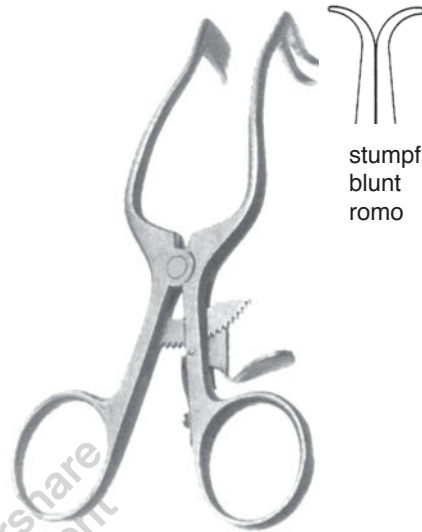
BRÜNING-SBRUNK
19499-00 19 cm, 7 1/2"

Wundspreizer
Self-retaining Retractors
Separadores autoestáticos



stumpf
blunt
romo

PLESTER
19672-11
11 cm, 4 3/8"



stumpf
blunt
romo

PLESTER
19673-11
11 cm, 4 3/8"



2x2

scharf
sharp
agudo

PLESTER
19677-10 10 cm, 4"
19677-13 13 cm, 5 1/8"

Wundspreizer
Self-retaining Retractors
Separadores autoestáticos



FISCH
19690-17
17 cm, 6 □“



FISCH
19691-17
17 cm, 6 □“



ADENOTOMIE UND
TONSILLEKTOMIE

ADENOTOMY AND
TONSILLECTOMY

ADENOTOMÍA Y
TONSILECTOMÍA



Wondershare
PDFelement

HADEO
INSTRUMENTE GERMANY

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 1/4"
Pack. à 100

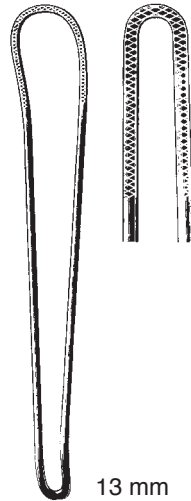
19 mm



23 mm

KROENIG
49104-15
15 cm, 6"

23 mm



13 mm

FRENZEL
49105-16
16,5 cm, 6 1/2"

16 mm



49106-01
14,5 cm, 5 3/4"

15 mm



19 mm

BRUENINGS
49107-19
19 cm, 7 1/2"

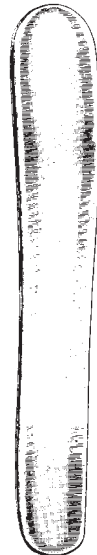
20 mm



20 mm

CAWOOD-MINNESOTA
49108-15
15 cm, 6"

23 mm



19 mm

BUCHWALD
49109-19
19 cm, 7 1/2"

Zungendrücker
Tongue Depressors
Baja-lenguas



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



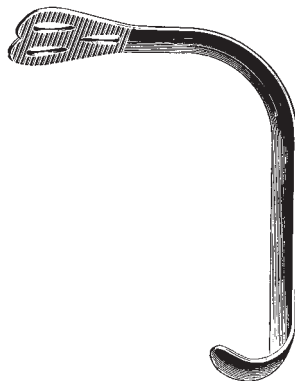
HARTMANN
49111-15
15 cm, 6"



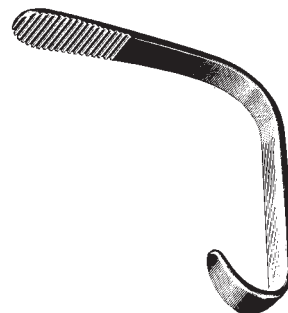
49115-01
Fig. 1
14 cm, 5 1/2"



49115-02
Fig. 2
15 cm, 6"



WIEDER
49115-01 - 49115-02

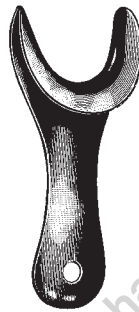


ANDREW
49117-11
11 cm, 4 3/8"

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



TOBOLD
49119-14
14,5 cm, 5 □"



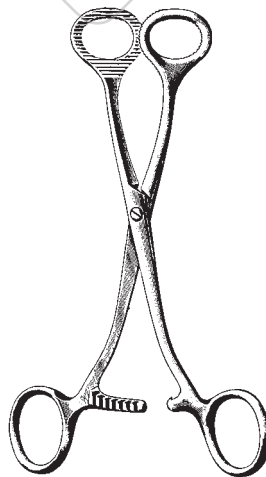
49230-11
11 cm, 4 3/8"



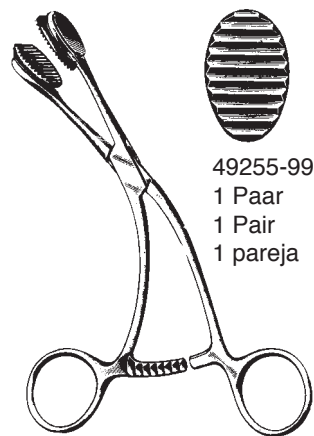
STERNBERG
49231-12 12 cm, 4 □"
49231-14 14 cm, 5 □"
49231-16 16 cm, 6 □"



49235-19
19 cm, 7 □"



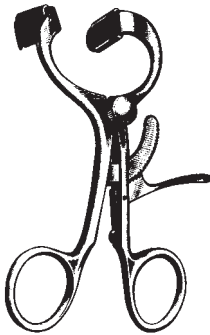
COLLIN
49250-16 16 cm, 6 □"
49250-18 18 cm, 7"



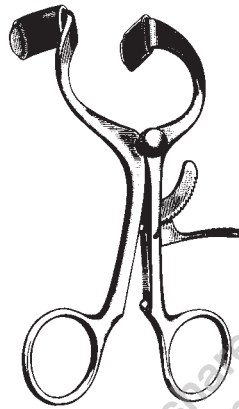
YOUNG
49255-16
16 cm, 6 □"

49255-99
1 Paar
1 Pair
1 pareja

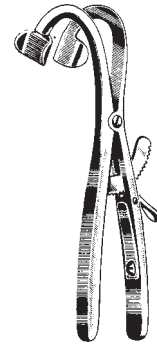
Mundsperrer
Mouth Gags
Abre-Bocas



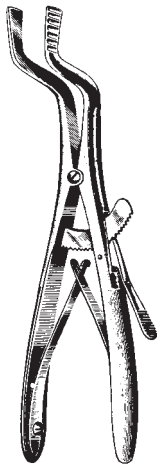
DOYEN-JANSEN (MOLT)
49265-12
12 cm, 4 1/4"



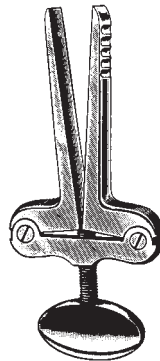
DOYEN-JANSEN (MOLT)
49265-14
14 cm, 5 1/4"



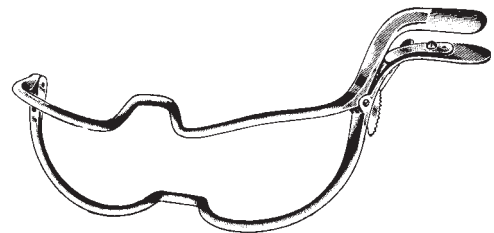
DENHART
49267-12
12 cm, 4 1/4"



ROSER-KOENIG
49270-16 16 cm, 6 1/4"
49270-19 19 cm, 7 1/4"

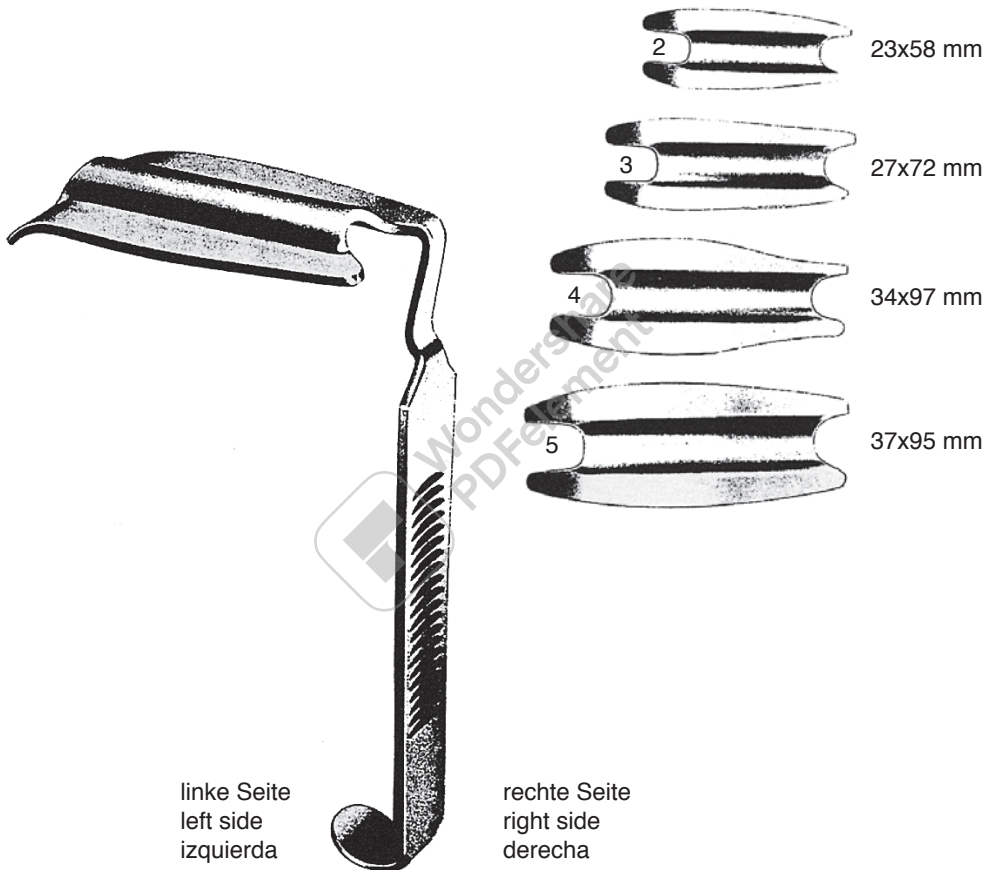


HEISTER
49272-13
13 cm, 5 1/8"



JENNINGS
49274-09 9 cm, 3 1/4"
49274-11 11 cm, 4 3/8"
49274-13 13 cm, 5 1/8"
49274-15 15 cm, 6"

Zungenspatel
Tongue Depressor
Baja-lengua



linke Seite
left side
izquierda

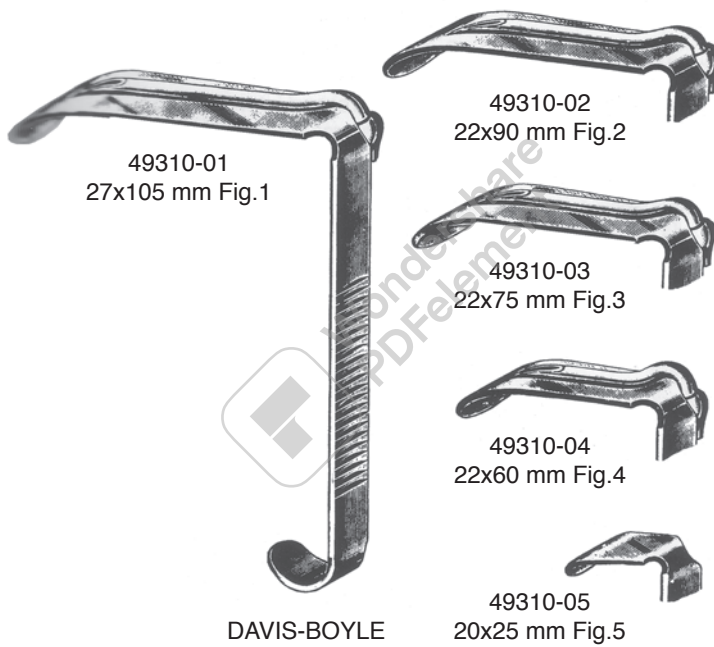
rechte Seite
right side
derecha

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

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

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

Zungenspatel
Tongue Depressor
Baja-lengua



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

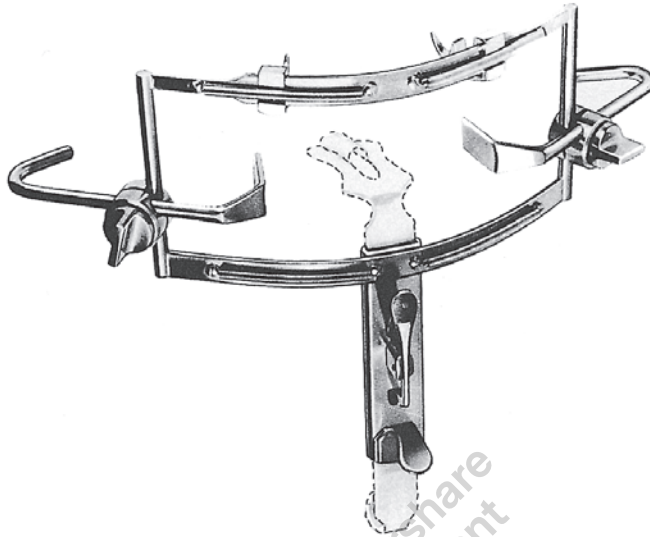
49315-02
32 x 75 mm
Fig. 2

KILNER-DOUGHTY
49315-00
compl.

49315-03
28 x 65 mm
Fig. 3

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

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.

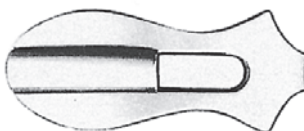
mit 3 auswechselbaren Zungendrucker,
 2 seitliche Wangenhaken und 2 Zahnhaken

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



2 28x65 mm
 49317-02

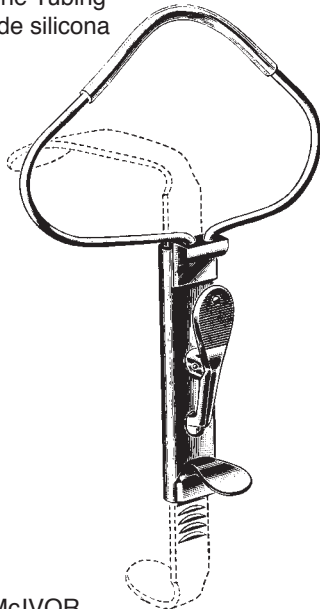
con 3 baja-lenguas intercambiables,
 2 valvas giratorias p. los labios,
 2 ganchos graduables



3 31x75 mm
 49317-03

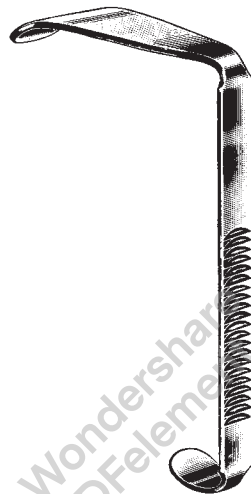
Mundsperrer, Gaumenplatte
Mouth Gags, Palate Blade
Abre-Bocas, placa para el paladar

49320-20
Silikon-Schlauch
Silicone Tubing
tubo de silicona

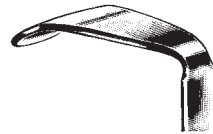


McIVOR
49320-00
compl.

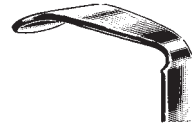
49320-10



49320-01
27x95 mm Fig. 1



49320-02
22x85 mm Fig. 2



49320-03
22x70 mm Fig. 3



DAVIS-MEYER
49340-00

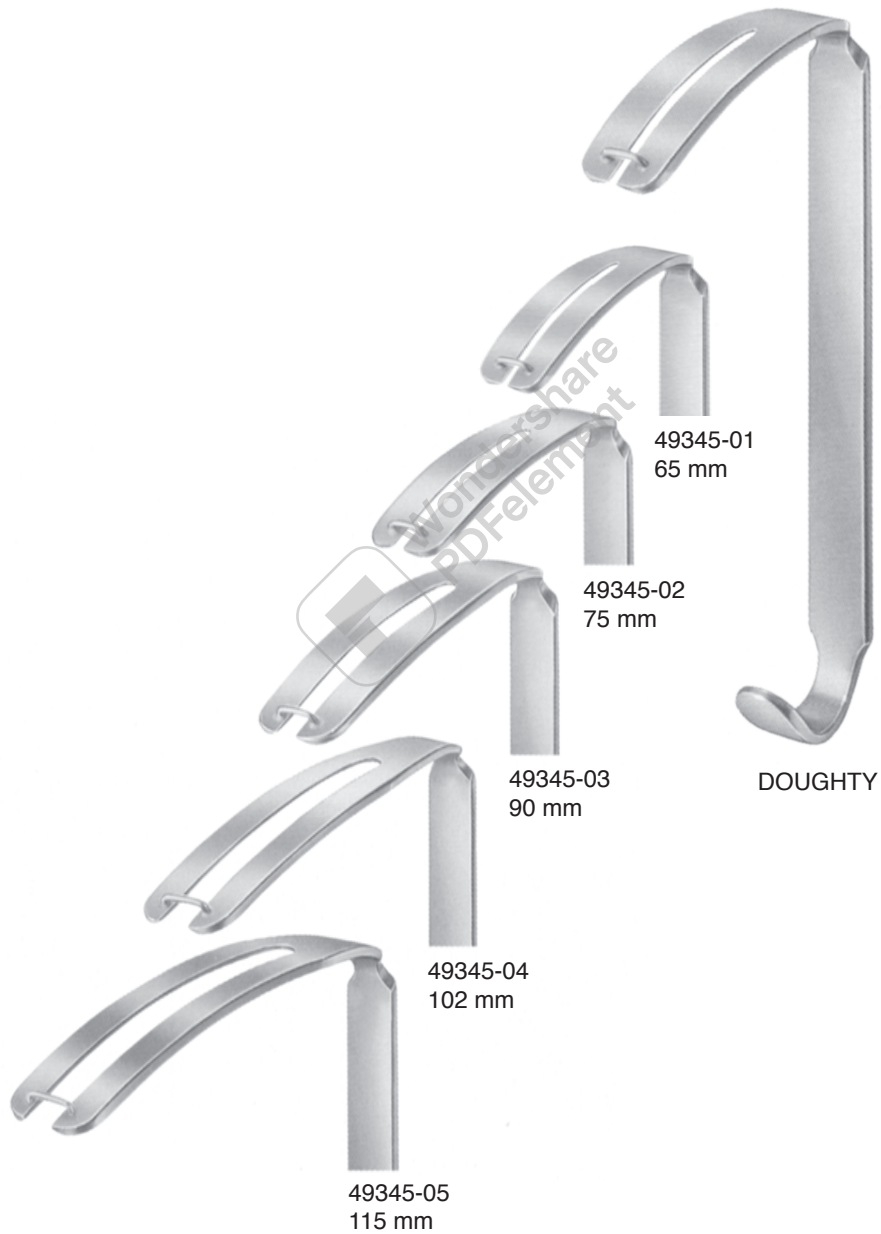


49341-00

Zungenspatel
Tongue Blades
Baja-lenguas



Zungenspatel
Tongue Blades
Baja-lenguas



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

Holz
wood
madera

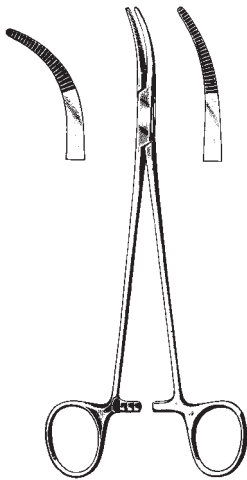


MAUNDER
49360-10

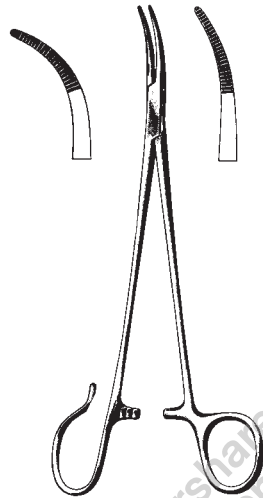


NEGUS
49400-01

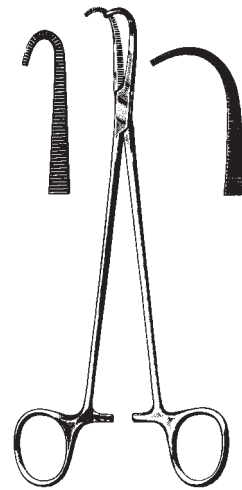
Tonsillenzangen
Tonsil Forceps
Pinzas para coger las amígdalas



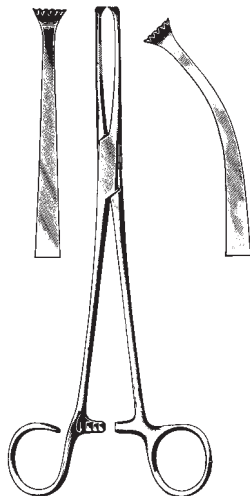
19 cm, 7 1/2"
SAWTELL SCHNIDT
51181-19 51183-19



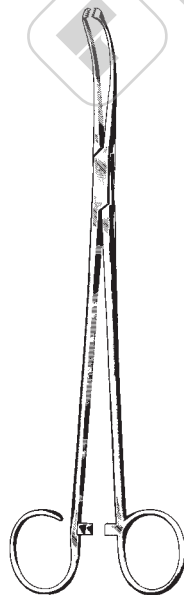
19 cm, 7 1/2"
SAWTELL SCHNIDT
51185-19 51187-19



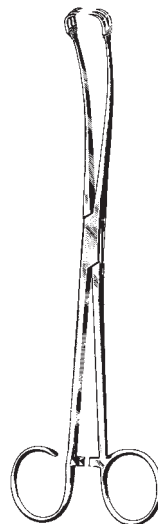
19 cm, 7 1/2"
NEGUS NEGUS
51191-19 51193-19



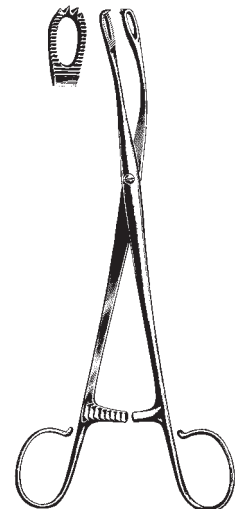
19 cm, 7 1/2"
COLVER
51202-19 51203-19



WHITE
51205-18 18 cm, 7"
51205-23 23 cm, 9"



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

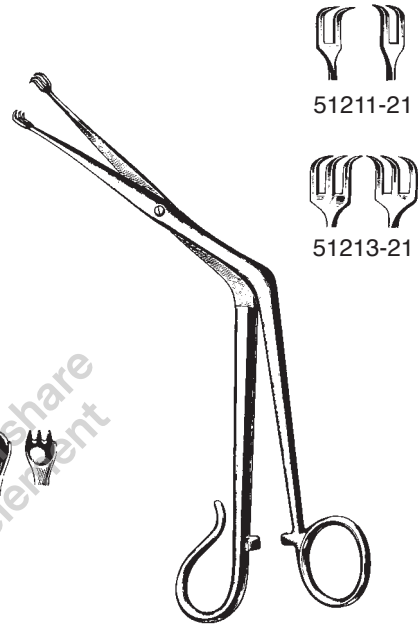


BLOHMKE
51209-20
20 cm, 8"

Tonsillenzangen, Tonsillenpinzette
Tonsil Forceps
Pinzas para amígdalas



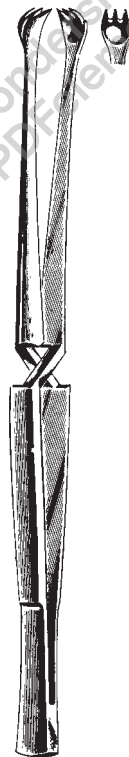
ABRAHAM
51210-20
20 cm, 8"



51211-21

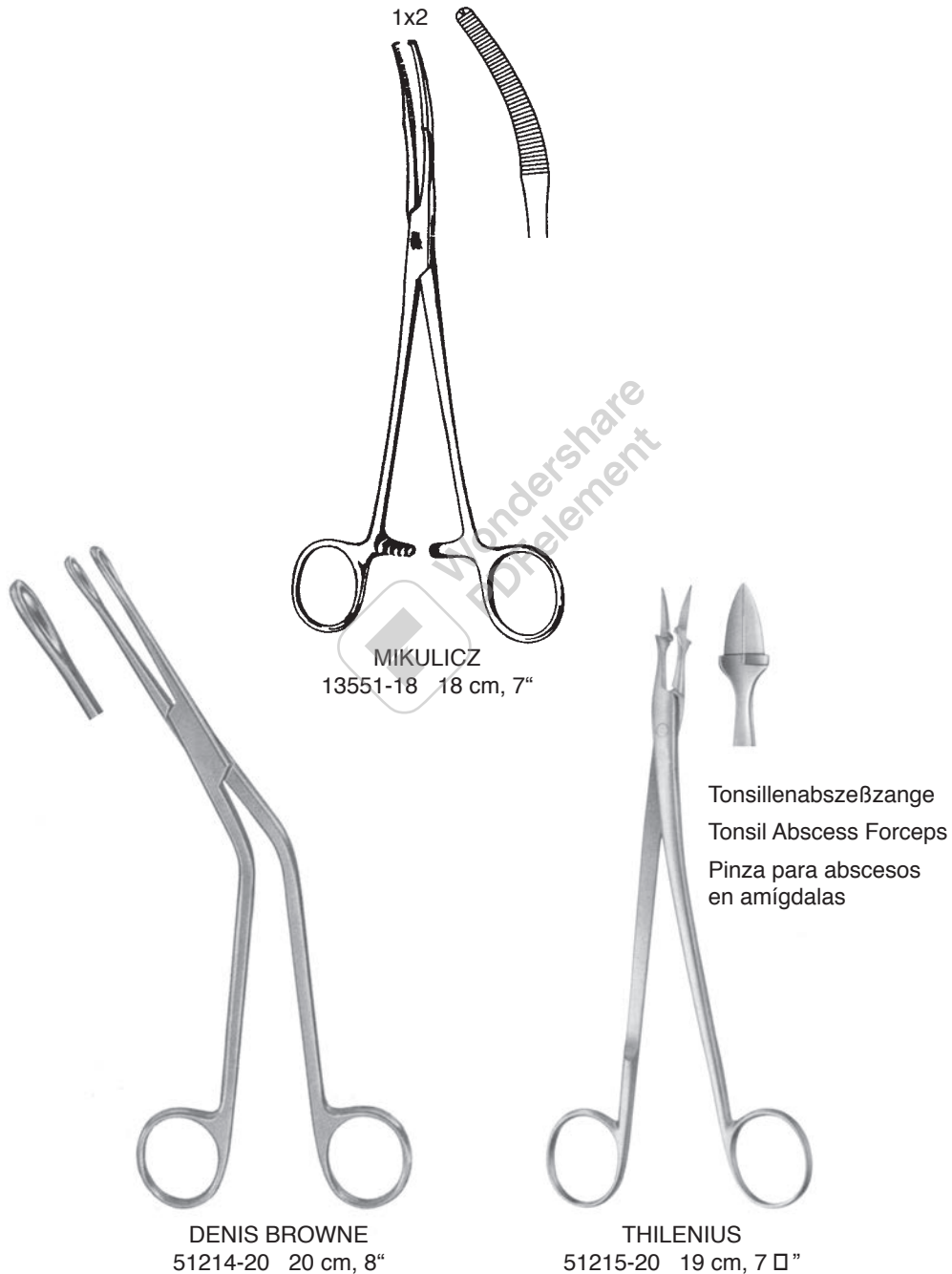
51213-21

TYDING
21 cm, 8 1/4"

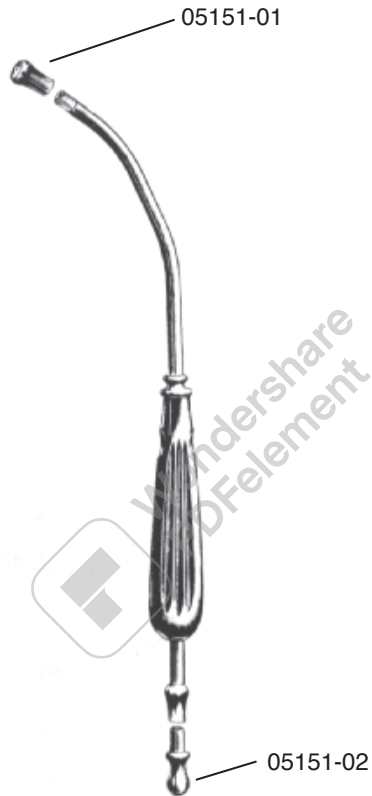


MARSCHIK
51219-22
22 cm, 8 1/2"

Tonsillenklemme, Tonsillenzange
Tonsil Forceps
Pinzas para amígdalas



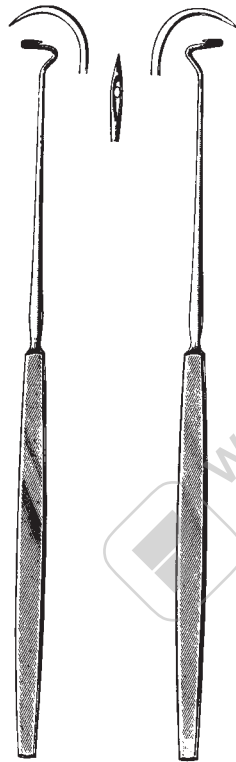
Saugrohr
Suction Tube
Tubo de succion



BABY-YANKAUER
05150-21 21 cm, 8 □"

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

Tonsillennadeln
Tonsil Needles
Agujas para amígdalas



DUPUY-WEISS
51165-22 51167-22
22 cm 8 □"



CLAUS
51168-23
23 cm 9"

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



NAGER
51170-24
24 cm 9 1/2"



FISHER
51171-22
22,5 9"

Tonsillennmesser
Tonsil Knives
Bisturries para amígdalas



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



ABRAHAM
51173-21
21 cm, 8 1/2"

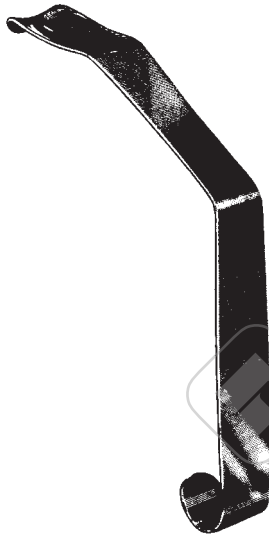


CANFIELD
51174-21
21 cm, 8 1/2"

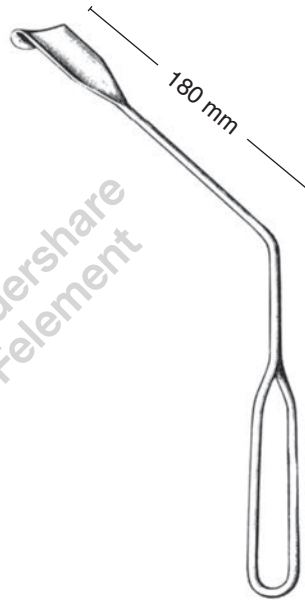


BRUENINGS
51177-23
23 cm, 9"

Uvulahaken
Uvula Retractors
Separadores uvulares

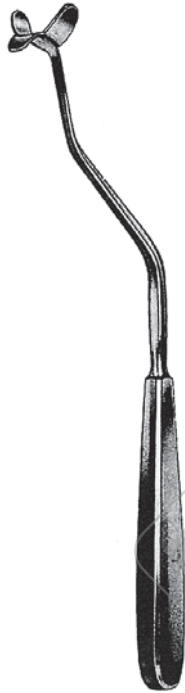


LOVE 15 cm, 6"
51103-18 18 mm
51103-20 20 mm
51103-22 22 mm



LOTHROP
51104-18 18 mm

Gaumensegelhalter
Soft Palate Retractors
Separadores para la vela palatina

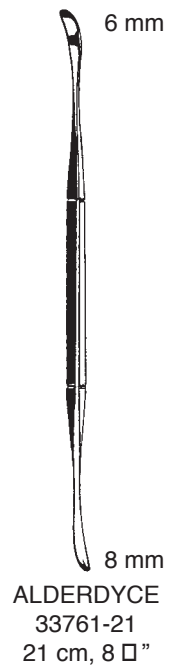
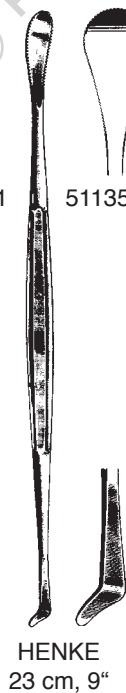
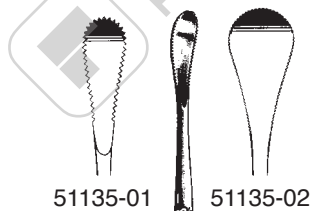
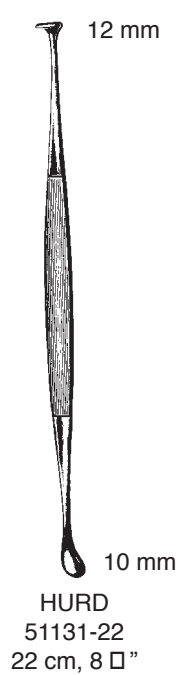


HOFER
51109-24
24 cm, 9 1/2"



NAGER
51111-23
23 cm, 9"

Tonsillenelevatoren, Tonsillendisektoren
Tonsil Elevators, Tonsil Dissectors
Elevadores/disectores para amígdalas



Tonsillendisektoren
Tonsil Dissectors
Disectores para amígdalas

Enukleator
Enucleator
Enucleador

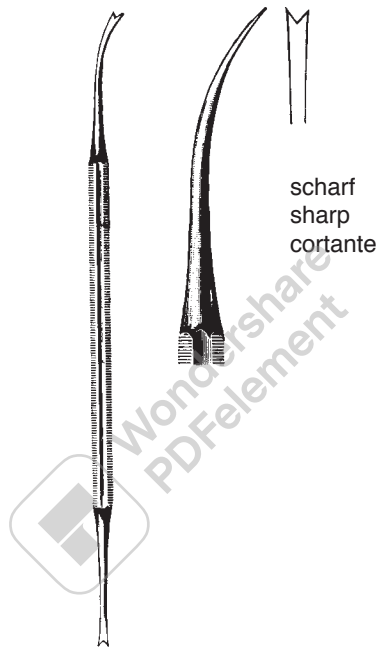


CARPENTER
51139-25
25 cm, 10"



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

Tamponstopfer
Gauze Packer
Tamponador tonsilar



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

Speichelgangsonde
Salivary Duct Probe
Sonda para el canal de saliva

geknöpft
buttoned
abotonada



rostfrei
stainless steel
acero inoxidable

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 1/4"	11116-21 TC
11112-25	25 cm, 10"	11116-25 TC



1x2

POTTS-SMITH

11126-18	18 cm, 7"	
11126-21	21 cm, 8 1/4"	
11126-25	25 cm, 10"	

Tupferzangen
Dressing Forceps
Pinzas porta-esponjas

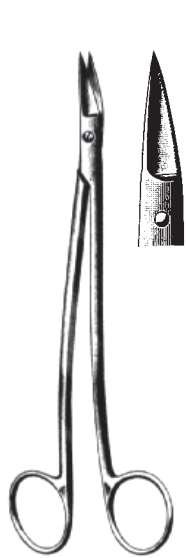


DUPLAY
17131-21 21 cm, 8 1/4"

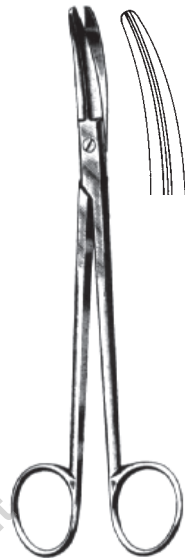


17133-17 17 cm, 6 3/4"

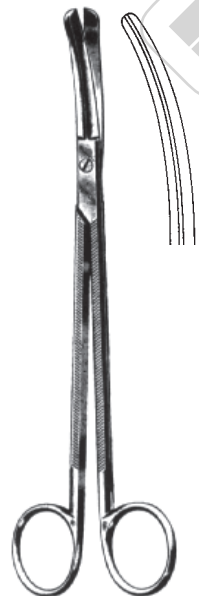
Tonsillenscheren
Tonsil Scissors
Tijeras para amígdalas



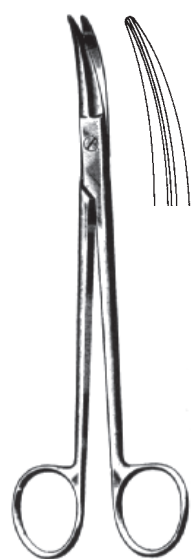
— DEAN —
09425-17 09427-17
17 cm, 6 1/2"



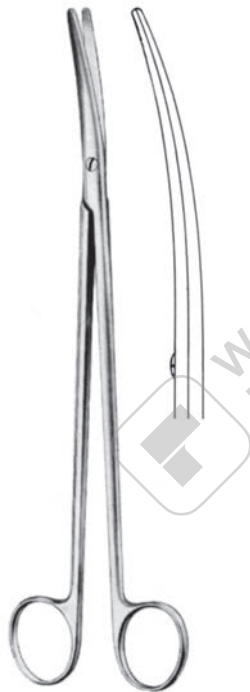
BOETTCHER
09435-18
18 cm, 7"



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



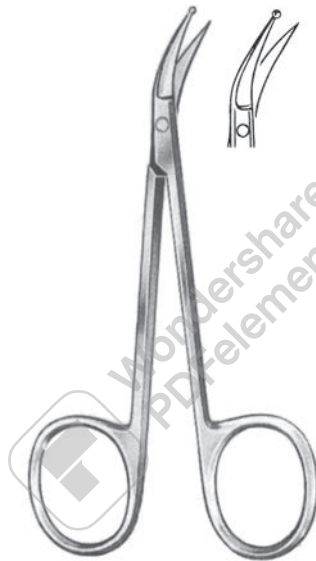
PRINCE
09439-17
17 cm, 6 1/2"

Präparierscheren
Dissecting Scissors
Tijeras de disección

METZENBAUM

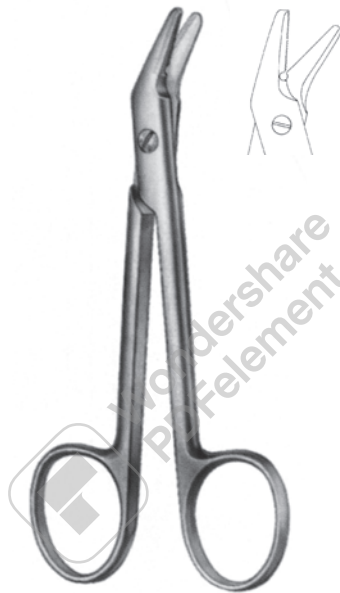
09281-12	09285-12 TC
12 cm	4 1/4"
09281-15	09285-15 TC
15 cm	6"
09281-18	09285-18 TC
18 cm	7"
09281-20	09285-20 TC
20 cm	8"
09281-23	09285-23 TC
23 cm	9"
09281-25	09285-25 TC
25 cm	10"
09281-28	09285-28 TC
28 cm	11"
09281-30	09285-30 TC
30 cm	12"

Speichelgangschere
Salival Scissors
Tijeras para el canal de saliva



PERWITZSCHKY
09364-10
10 cm, 4"

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

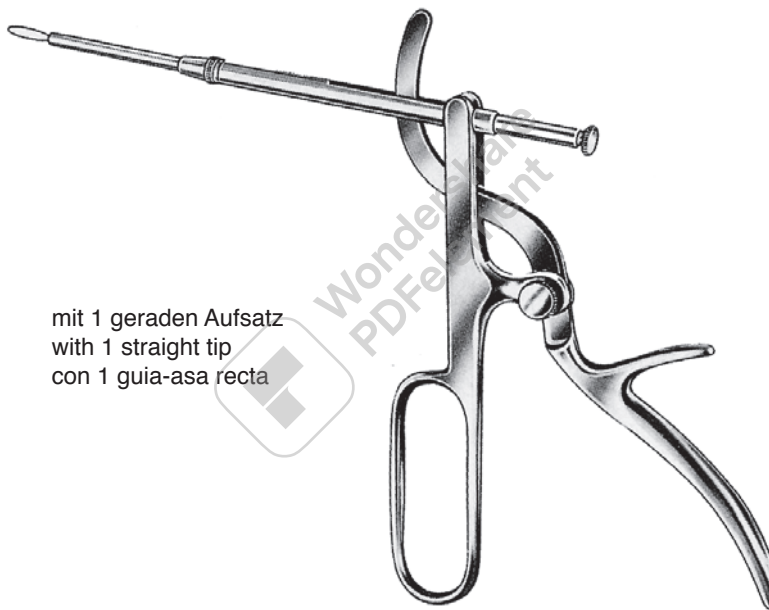


UNIVERSAL

09831-12 12 cm, 4 1/4"

09835-12 TC 12 cm, 4 1/4"

Tonsillenschnürer
Tonsil Snares
Cierranudos para amígdalas



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

TYDING
51260-00

Tonsillenschnürer
Tonsil Snares
Cierranudos para amígdalas



EVES
51250-28
28 cm, 11"

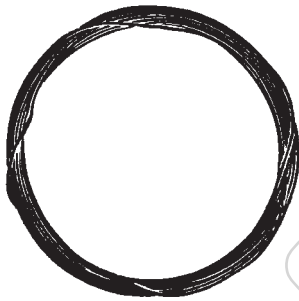


EVES
51252-28
28 cm, 11"

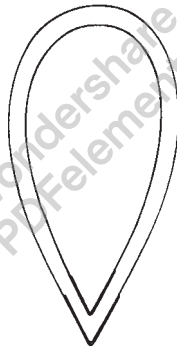


BRUENINGS
51256-28
28 cm, 11"

Tonsillendraht
Tonsil Wire
Hilos para amígdalas



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

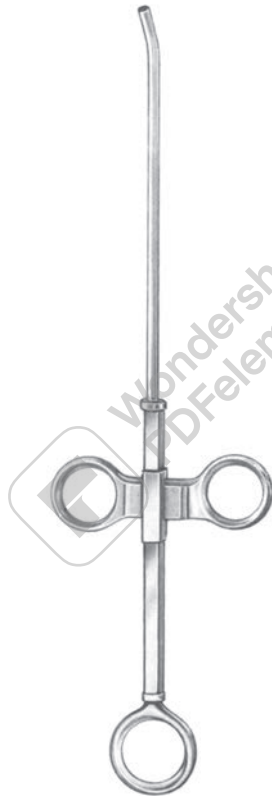


51257-40 40 mm
51257-50 50 mm
Pack of 100 pcs



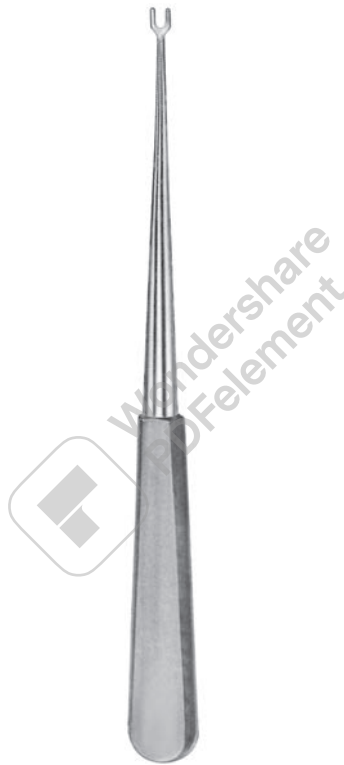
51259-03 0,3 mm
51259-04 0,4 mm
51259-05 0,5 mm
Pack of 12 pcs

Tonsillenschnürer
Tonsil Snares
Cierranudos para amígdalas



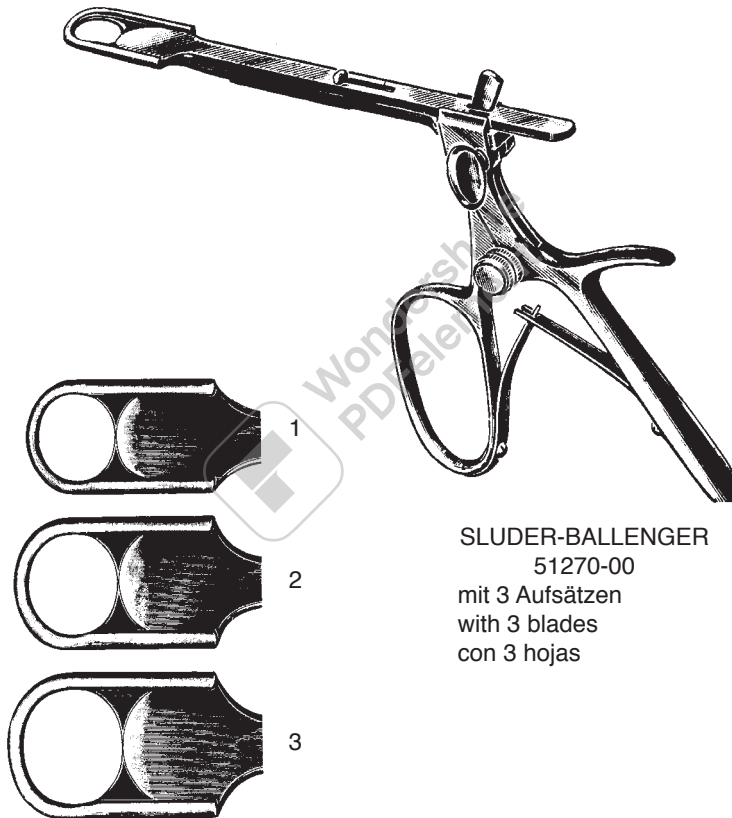
ROEDER "E"
51265-00
27 cm, 10 □"

Fadengabel
Knot Tier
Horquilla de hilos



NEGUS
51176-20
20,5 cm, 8"

Tonsillotom
Tonsillectome
Amigdalótomo

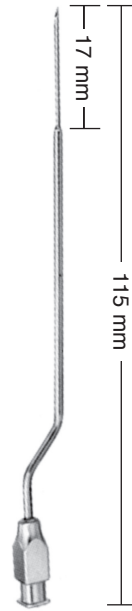


SLUDER-BALLENGER
51270-00
mit 3 Aufsätzen
with 3 blades
con 3 hojas

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



51291-00
2,5 mm Ø



51293-00
0,8 mm Ø



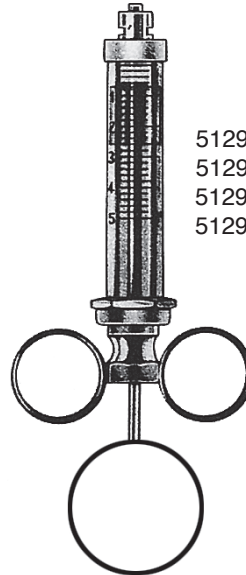
51293-90
90°



51293-45
45°



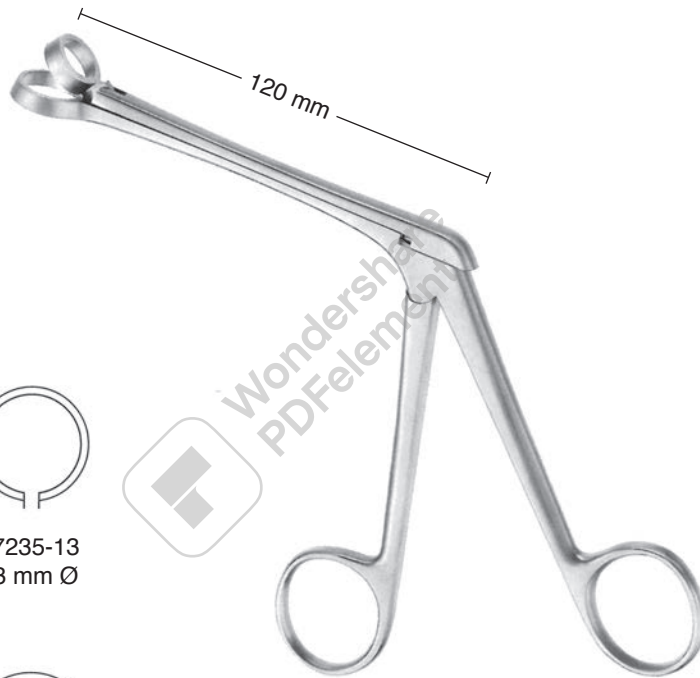
51292-00



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

Tonsillenzangen
Tonsil Punches
Pinzas para amígdalas

scharf
sharp
cortante



47235-13
13 mm Ø



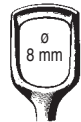
47235-15
15 mm Ø

HARTMANN

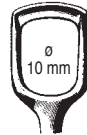
Ringmesser
Adenoid Curettes
Cuchillos para vegetaciones adenoideas



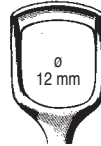
BECKMANN
22 cm, 8 □"



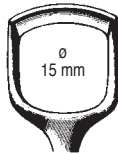
47620-00
Fig. 0



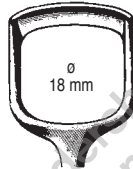
47620-01
Fig. 1



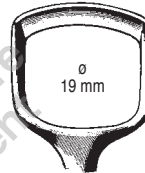
47620-02
Fig. 2



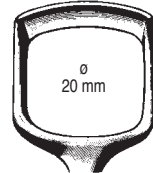
47620-03
Fig. 3



47620-04
Fig. 4



47620-05
Fig. 5



47620-06
Fig. 6



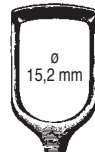
BARNHILL
21 cm, 8 □"



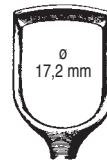
47630-00
Fig. 0



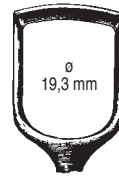
47630-01
Fig. 1



47630-02
Fig. 2



47630-03
Fig. 3

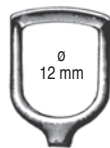


47630-04
Fig. 4

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



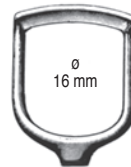
St. CLAIR-THOMSON
21 cm, 8 1/4"



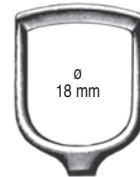
47636-01
Fig. 1



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

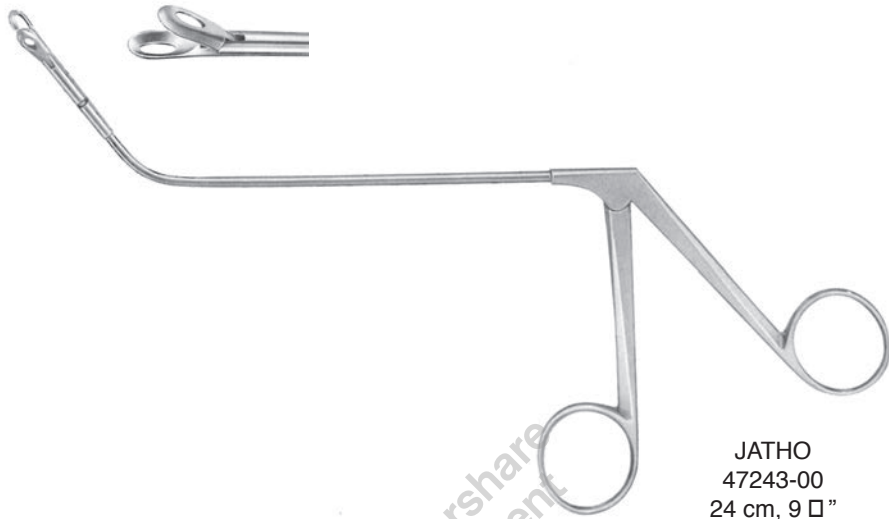


47641-03
Fig. 3
ø 18 mm

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 1/2"



JURASZ
47244-00 19 cm, 7 1/2"





TRACHEOTOMIE

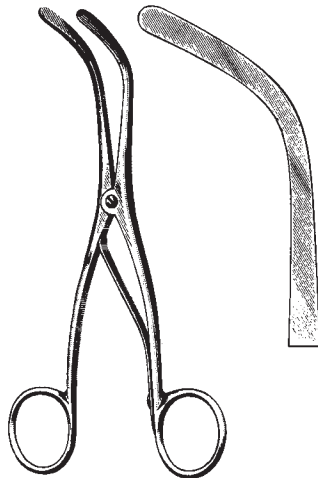
TRACHEOTOMY

TRAQUEOTOMÍA

HADEO
INSTRUMENTE GERMANY

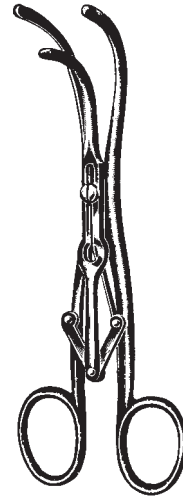
Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!
Indication and Contraindication please refer to our user's manual!
Indicaciones y Contraindicaciones se encuentran en la instrucciones de uso correspondientes!

Tracheal Dilatoren, Trachealhaken, Trachealwundspreizer
 Tracheal Dilators, Tracheal Hooks, Tracheal Retractors
 Diladores traqueales, Ganchos traqueales, Retractor traqueal



TROUSSEAU-BABY
55111-13 13 cm, 5 1/8"

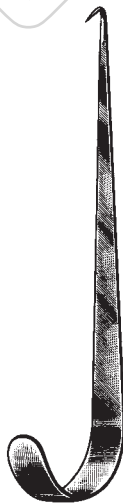
TROUSSEAU
55111-14 14 cm, 5 1/4"



LABORDE
55113-14
14 cm, 5 1/4"



BOSE
55115-07
7 cm, 2 3/4"



JACKSON
55116-15
15 cm, 6"



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

Trachealhaken, Kanülen
Tracheal Hooks, Tubes
Ganchos traqueales Cánulas



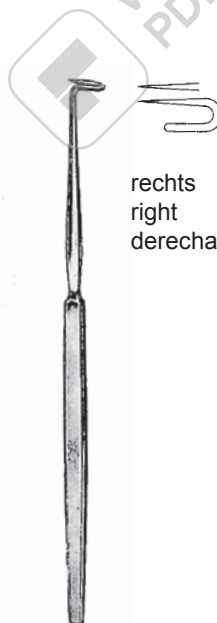
ITERSON
16 cm, 6 1/4"



NEWS
55120-15
15 cm, 6"



BOSE
55122-16
16 cm, 6 1/4"



BOSE
55124-16
16 cm, 6 1/4"

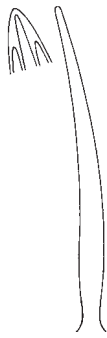


WAGENER-MOSHER
55151-05 5 mm
55151-07 7 mm
55151-09 9 mm

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



55501-15



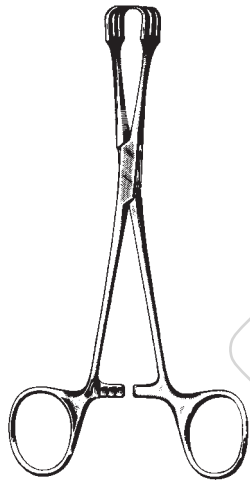
55503-15

KOCHER
15 cm, 6"

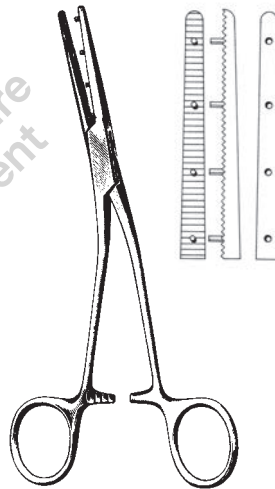


SCHOENBORN
55511-21
21 cm, 8 1/4"

Kropffäßzange, 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 1/2"

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 1/2"
Working length 24 cm, 9 1/2"
Largo útil 24 cm, 9 1/2"





LARYNGOSKOPIE
ENDOLARYNGEALE
MIKROCHIRURGIE

LARYNGOLOGY
ENDOLARYNGEAL
MICROSURGERY

LARINGOSCOPIA
MICRO CIRUGIA
ENDOLARINGEAL

HADEO
INSTRUMENTE GERMANY



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Kaltlicht Laryngoskope
Fiber Optic Laryngoscopes
Laringoscopios de luz fría



Kaltlicht
Cold Light
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

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

Kaltlicht
Cold Light
Luz fría



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



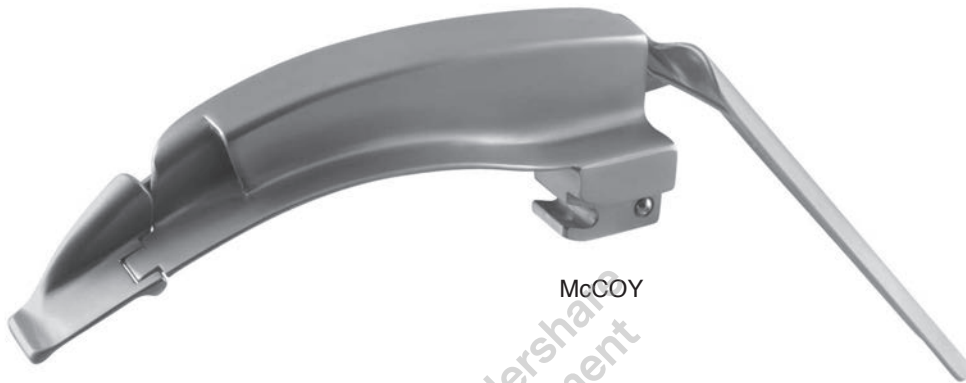
05211-04
136 mm, 5.35"
Nutzlänge
working length
largo útil

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



Kaltlicht
Cold Light
Luz fría



McCOY

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



MILLER

05213-03CL

Set bestehend aus:

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

Set consisting of:

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

Juego compuesto de:

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

05213-04CL

Set bestehend aus:

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

Set consisting of:

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

Juego compuesto de:

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

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



Kaltlicht
Cold Light
Luz fría

MILLER



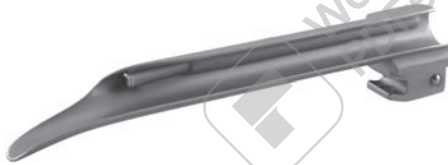
05230-00CL
55 mm, 2.16"
Nutzlänge
working length
largo útil

Fig. 0
für Säuglinge
for babies
para neonatales



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

Fig. 1
für Kinder
for children
para niños



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

Fig. 2
für Jugendliche
for adolescents
para adolescentes



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

Fig. 3
für Frauen
for women
para mujeres



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

Fig. 4
für Männer
for men
para hombres

Laryngoskope Warmlicht
Laryngoscopes Warm Light
Laringoscopios de luz calienteWarmlicht
Warm Light
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

Laryngoskope Warmlicht
Laryngoscopes Warm Light
Laringoscopios de luz calienteWarmlicht
Warm Light
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



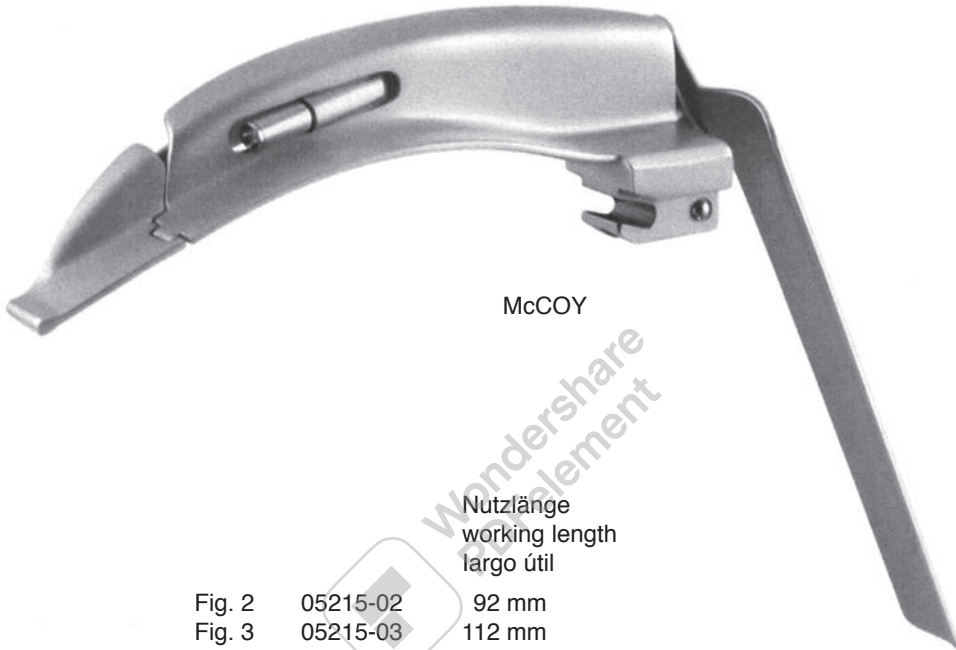
05230-04
188 mm, 7.4"
Nutzlänge
working length
largo útil

Fig. 4
für Männer
for men
para hombres

Warmlicht
Warm Light
Luz caliente



Laryngoskope Warmlicht
Laryngoscopes Warm Light
Laringoscopios de luz caliente



McCOY

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

05238-02



15,5 cm
28 mm Ø

05238-03



05239-03 Xenon 2,5 V

Ersatzlampe
Spare Bulb
Bombilla de recambio

05238-12

05238-13

mit Xenon-Lampe
with Xenon-Lamp
con lampara Xenon

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

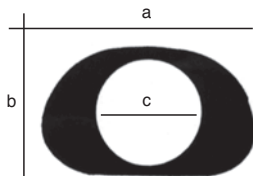
Ersatzlampe
Spare Bulb
Bombilla de recambio

Operations-Laryngoskope
Operation Laryngoscope
Laringoscopios operativo

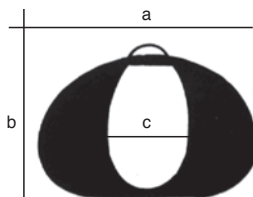
rostfreier Edelstahl
Rohr: innen matt/außen glänzend
Griff: matt

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

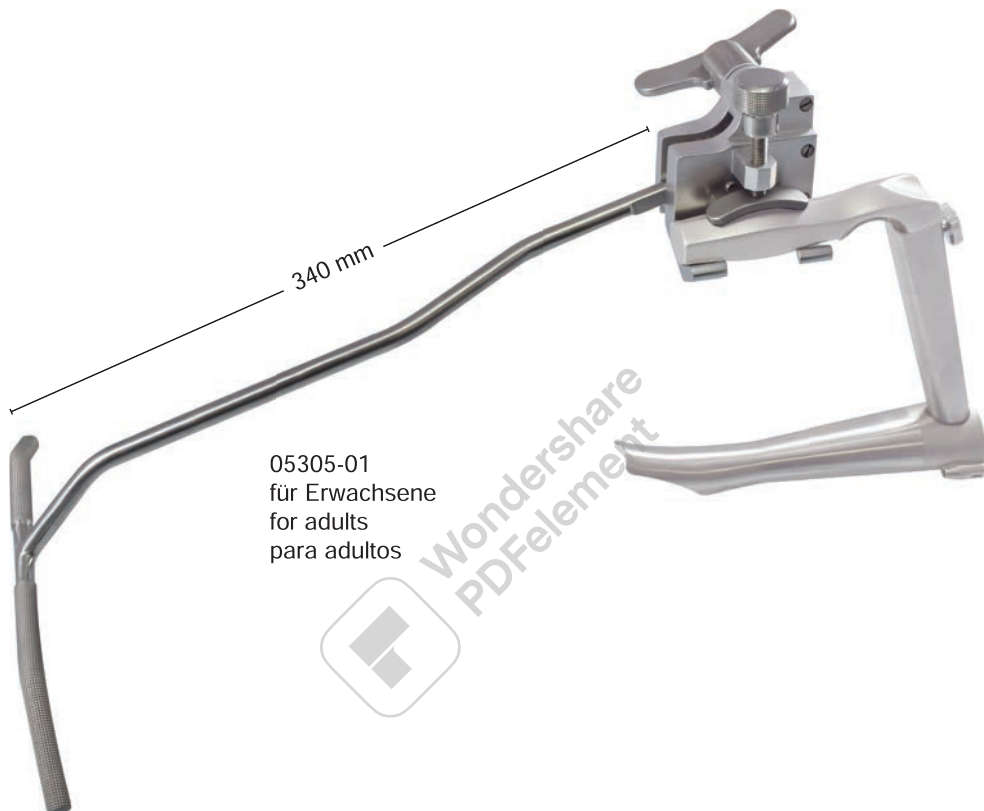
Bruststütze für Kinder, Set bestehend aus: 05300-04 / 05300-05 / 05300-06

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



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



05305-01
für Erwachsene
for adults
para adultos

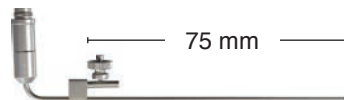
05305-02
Laryngoskope-Handgriff, abnehmbar
Laryngoscope Handle, detachable
Mango para laringoscopios, desmontable

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

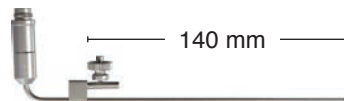


Fiberglas Lichtträger
Fiberglass Light Carriers
Portador de luz fría



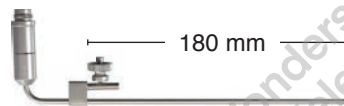
75 mm

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



140 mm

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



180 mm

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

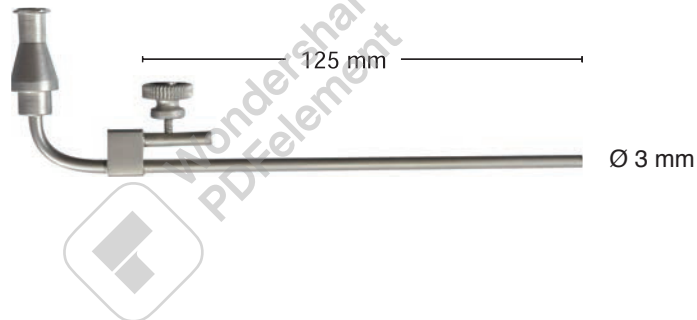
Unsere Fiberglas-Lichtträger werden mit allen Adaptern geliefert.
Our Fiberglass light carriers are supplied with all adapters.
Todos nuestros portadores de luz de fibra optica se suministran
con todos los adaptadores.

Fiberglas Lichtträger
Fiberglass Light Carriers
Portador de luz fría

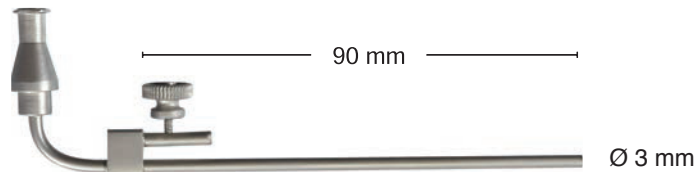


05303-10
Leuchtklammer
Light Clip
Grapa para iluminación

05304-01
Rauchabsaugrohr für Laryngoskope: 05301-03 - 05301-07
Suction tube for Laryngoscopes: 05301-03 - 05301-07
Canúla de succion 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 succion para laringoscopios: 05301-01 - 05301-02



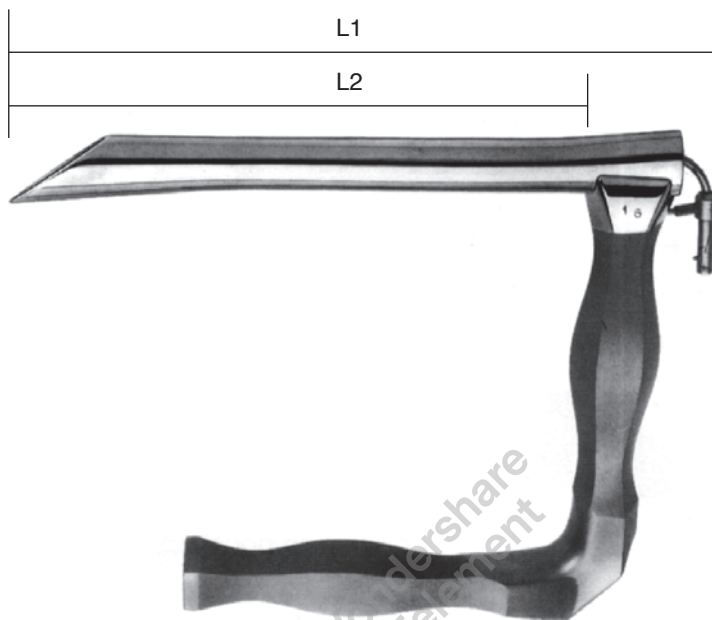
ACMI

WOLF

STORZ

Unsere Fiberglas-Lichtträger werden mit allen Adaptern 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



ACMI



WOLF



STORZ

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

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



ACMI



WOLF



STORZ

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

Operations-Laryngoskope
Operation Laryngoscopes
Laringoscopios operativos

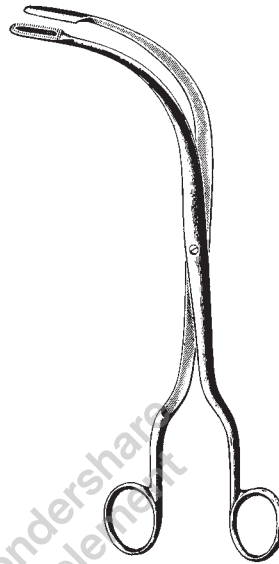
spreizbar
spreadable
desplegable

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

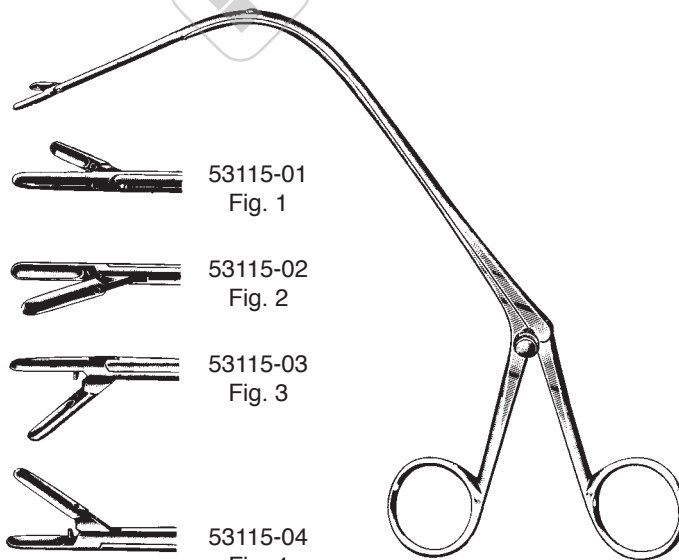


05303-10
Leuchtklammer
Light Clip
Grapa para iluminación

Kehlkopf Polypenzangen
Laryngeal 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 epiglottis



KILLIAN
53102-20
20 cm, 8"



53101-22

53103-22

JACKSON
22 cm, 8 1/2"

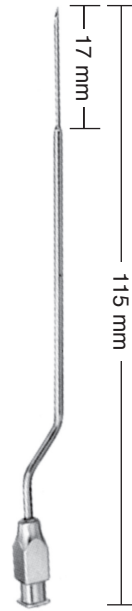


REICHERT
53121-24
24 cm, 9 1/2"

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



51291-00
2,5 mm Ø



51293-00
0,8 mm Ø



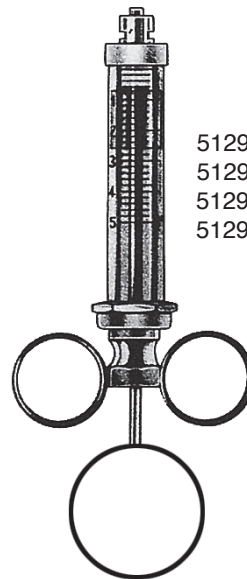
51293-90
90°



51293-45
45°

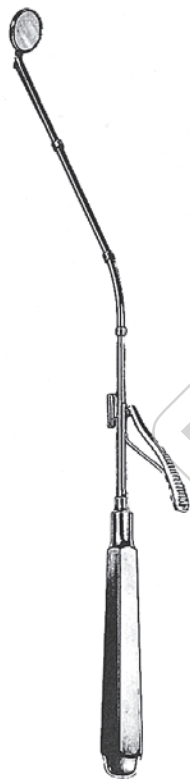


51292-00



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

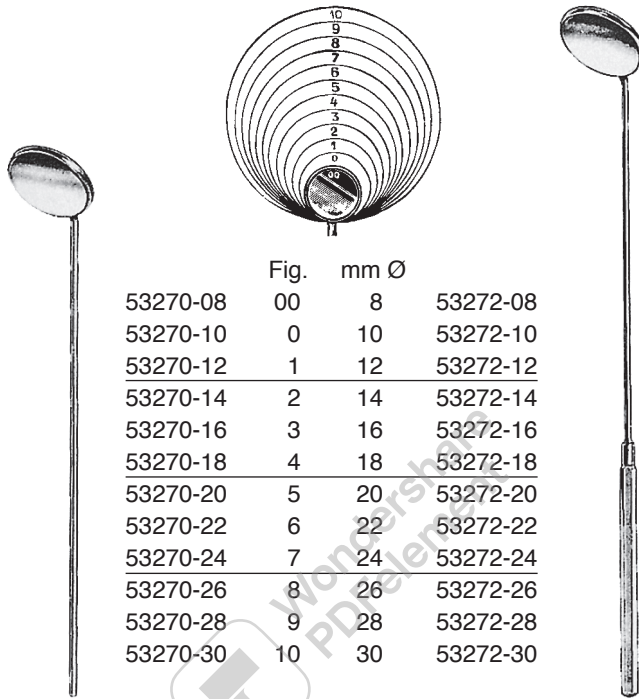


	Fig.	mm Ø	
53270-08	00	8	53272-08
53270-10	0	10	53272-10
53270-12	1	12	53272-12
53270-14	2	14	53272-14
53270-16	3	16	53272-16
53270-18	4	18	53272-18
53270-20	5	20	53272-20
53270-22	6	22	53272-22
53270-24	7	24	53272-24
53270-26	8	26	53272-26
53270-28	9	28	53272-28
53270-30	10	30	53272-30

53270-08 - 53270-30

53272-08 - 53272-30



53274-12



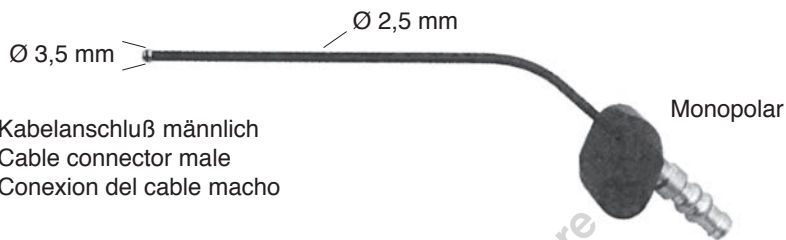
53276-10

Kehlkopf watteträger
Laryngeal Cotton Carriers
Porta-algodones laringeales



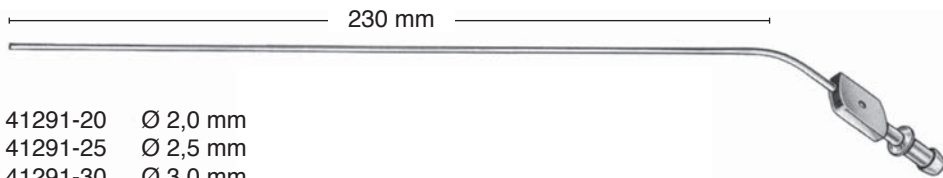
Saugrohre
Suction Tubes
Tubos de aspiración

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

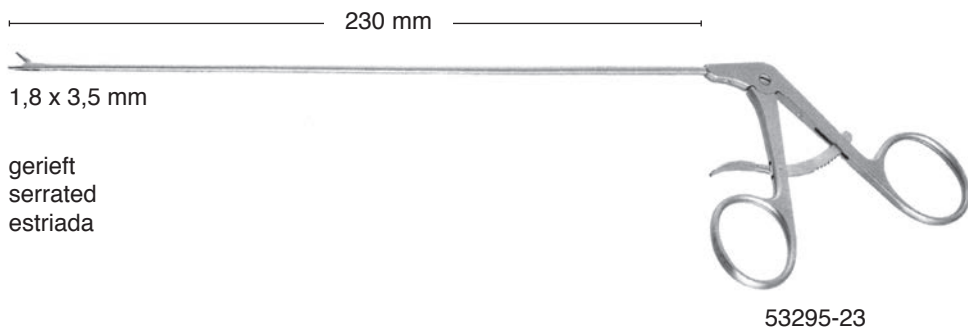
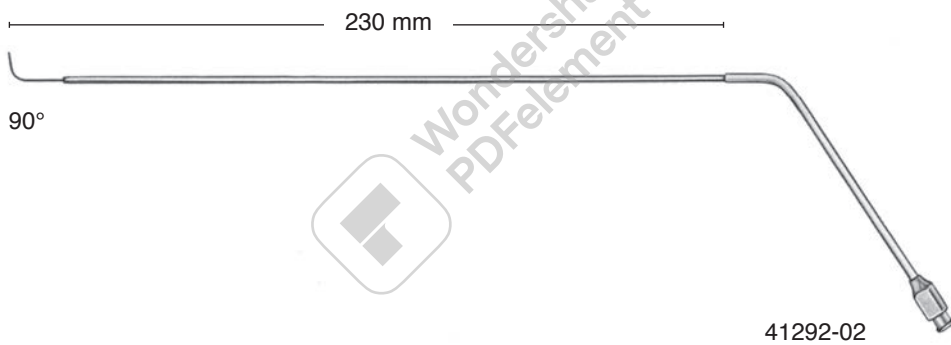
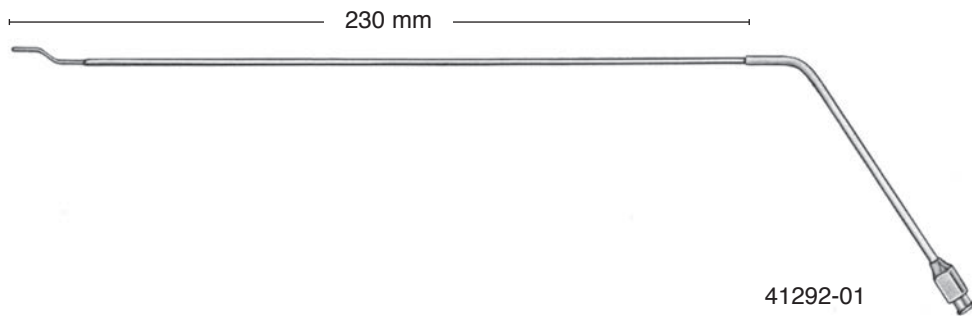


41312-10 Nutzlänge 10 cm, 4"
Working length 10 cm, 4"
Largo útil 10 cm, 4"

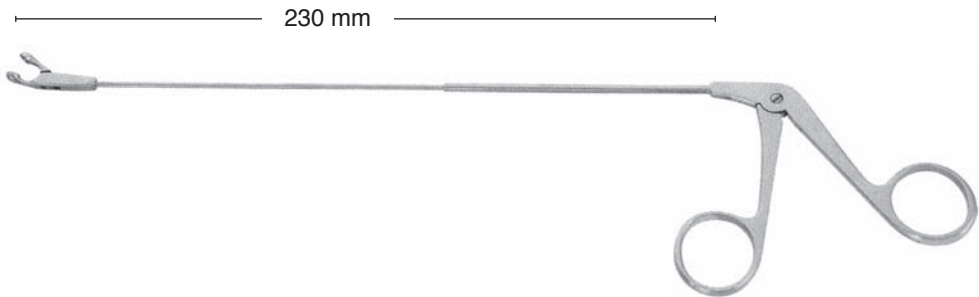
41312-26 Nutzlänge 26 cm, 10 □"
Working length 26 cm, 10 □"
Largo útil 26 cm, 10 □"



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



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

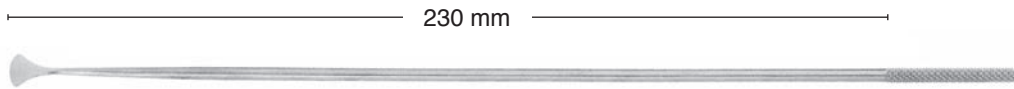
	gerade straight recta	53280-04	53280-19
	nach links gebogen curved to left curvada hacia la izquierda	53280-05	53280-20
	nach rechts gebogen curved to right curvada hacia la derecha	53280-06	53280-21
	aufgebogen curved up curvada hacia arriba	53280-07	53280-22



Mikro-Scheren

Micro Scissors

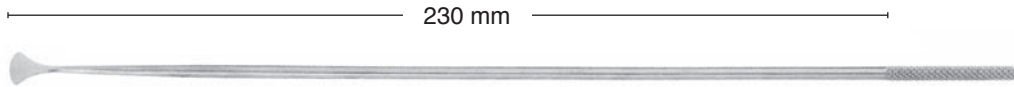
Micro tijeras







	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 laringoscopia


	Messer, sichelförmig, gebogen, spitz Knife, sickle shaped, curved, pointed Cuchillo en forma de hoz, agudo, curvo	53290-01
	Messer, oval, gerade Knife, oval, straight Cuchillo, recto, ovalado	53290-02
	Messer, Rundschnittform, vertikal schneidend Knife, round, cuts vertically Cuchillo, corte redondo, corte vertical	53290-03
	Messer, oval 45°, 2,5mm Knife, oval 45°, 2,5 mm Cuchillo, ovalado en 45°, 2,5mm	53290-04
	Häkchen, stumpf 90°, mit Sondenknopf Hook, blunt angled 90° with probe end Ganchito, romo en 90°, abotonado	53290-05
	Häkchen, stumpf, mit Sondenknopf Hook, blunt with probe end Ganchito, romo, abotonado	53290-06
	Knotenführer Knot tier Baja nudos	53290-07

Instrumente für Laryngoskopie
 Instruments for Laryngology
 Instrumentos para laringoscopia



	Messer, gerader Schnitt, spitz Knife, straight cut, pointed Cuchillo, corte recto, agudo	53290-11
	Messer, golfstockförmig, gebogen, rund Knife, golf stick shaped, curved round Cuchillo en forma de golf, curvo, redondo	53290-12
	Häkchen, scharf Hook, sharp Ganchito, agudo	53290-13
	Umstechungsnadel, nach links gebogen Needle, curved to left Aguja, curvada hacia la izquierda	53290-14
	Umstechungsnadel, nach rechts gebogen Needle, curved to right Aguja, curvada hacia la derecha	53290-15
	Saugraspatorium Suction Elevator Legra de succion	53290-16



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

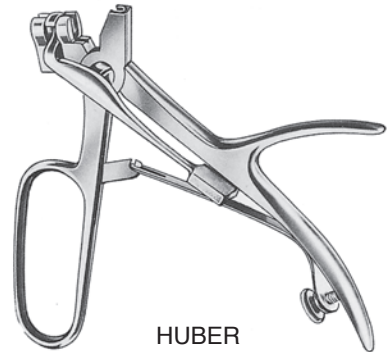


BRUENINGS
53131-20
20 cm, 8"



BRUENINGS

- | | | | |
|----------|----------------|----------|----------------|
| 53132-20 | 20 cm, 8" | 53132-50 | 50 cm, 19 1/2" |
| 53132-30 | 30 cm, 11 1/2" | 53132-60 | 60 cm, 23 1/2" |
| 53132-40 | 40 cm, 15 1/2" | | |



HUBER
53130-00



FRAENKEL
53150-00



SEIFERT
53152-00



FRAENKEL
53154-00



SCHEINMANN
53155-00



SCHEINMANN
53157-00



BRUENINGS
53158-02 - 53158-03



BRUENINGS
53160-02 - 53160-03



LANGE
53162-00



53164-01



53164-02



KRAUSE
53164-01 - 53164-02



KRAUSE
53166-00



SCHUMACHER
53170-00



BARACANI
53175-00



53177-01



53177-02



CORDES
53177-01 - 53177-02



BRONCHOSKOPIE

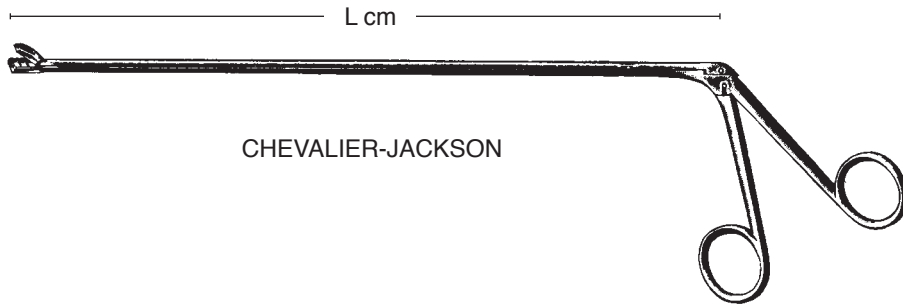
BRONCHOSCOPY

BRONCOSCOPIA

HADEO
INSTRUMENTE GERMANY

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



CHEVALIER-JACKSON

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
30 cm / 11 1/4"	53230-01	53230-02	53230-03	53230-04
40 cm / 15 1/4"	53240-01	53240-02	53240-03	53240-04
50 cm / 19 1/4"	53250-01	53250-02	53250-03	53250-04
60 cm / 23 1/4"	53260-01	53260-02	53260-03	53260-04

Ø 4 mm

	Fig. 5	Fig. 6	Fig. 7	Fig. 8
30 cm / 11 1/4"	53230-05	53230-06	53230-07	53230-08
40 cm / 15 1/4"	53240-05	53240-06	53240-07	53240-08
50 cm / 19 1/4"	53250-05	53250-06	53250-07	53250-08
60 cm / 23 1/4"	53260-05	53260-06	53260-07	53260-08

SÄTZE

SET

SET



HADEO
INSTRUMENTE GERMANY

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Indication and Contraindication please refer to our user's manual!
Indicaciones y Contraindicaciones se encuentran en la instrucciones de uso correspondientes!

SET/440:	Grundsieb H NO / 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, BRUENINGS 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, STRUEMPEL 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, FARABEUUF straight, 15cm, 12,5mm	1x1
45807-20	elevator, LEMPERS 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, LEMPERS 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,JOHNSON-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 otologia	
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 cirugía 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, COTTLE 15cm	1x1
47415-18	FREER septum elevator, 18cm double ended, sharp/blunt	1x1
47451-04	septum chisel, FREER 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, LEMPERS 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 stanard, 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/FERGUSON 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 osteotome, 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 ostetome, COTTLE 18cm, straight, 4mm	1x1
47454-07	rhinoplastic osteotome, 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 cirugía endoscópica del seno paranasal	
23181-40	Sinoscopy-trocar 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, intergrated fiber optic for illumination, 175mm work.length	1x1
R500-040175-030	Sinuscope 4mm Ø, 30° angle of view autoclavable, intergrated 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	Sinoscopy forceps, shaft length 12cm, horizontal cutting, oval, 70°	1x1
47318-70	Sinoscopy 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 Adenoidectomy 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	1x1
	53290-01 - 53290-07	
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 traqueotomía	
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 threaded, 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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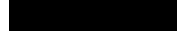


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