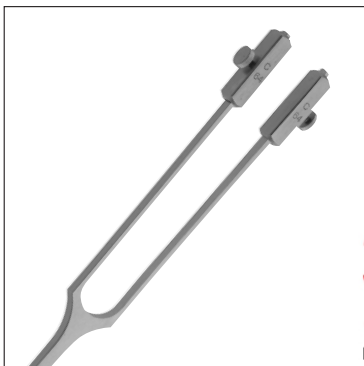


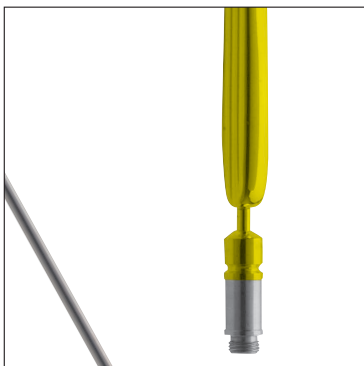
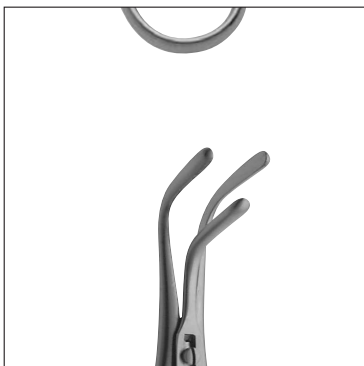
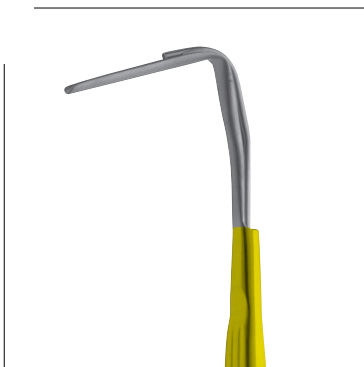
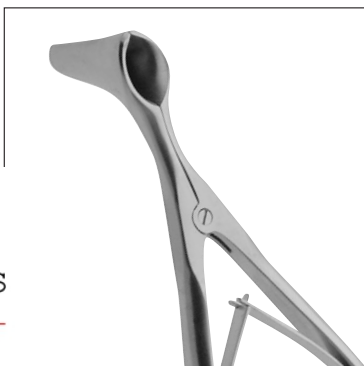


ORL HNO/SINUSKOPIE

DODAVATEL:

3B instruments
— lékařské nástroje —

Petrovická 857
592 31 Nové Město na Mor.
Tel./Fax.: 0616/618 135, 0616/618 317
E-mail: 3B@3b-instruments.cz
Web: www.3b-instruments.cz



REDA
INSTRUMENTE GMBH

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

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

Ausgabe Nr. 1
Datum: 12/2016

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

ENDOSKOPE 13 - 20
ENDOSCOPES
ENDOSCOPIOS

STIRNLAMPEN 21 - 28
HEAD LIGHTS
LÁMPARAS FRONTALES

BOHRER 29 - 32
BURRS
BROCAS

HOCHFREQUENZ-CHIRURGIE 33 - 46
HIGH FREQUENCY SURGERY
CIRUGIA DE ALTA FRECUENCIA

OTOLOGIE UND OHR-MIKROCHIRURGIE 47 - 138
OTOLOGY AND EAR MICROSURGERY
OTOLOGÍA Y MICRO CIRUGIA PARA OIDO

RHINOLOGIE - SINUSKOPIE 139 - 266
RHINOLOGY - SINUSCOPY
RINOLOGÍA - SINUSCOPIA

ADENOTOMIE UND TONSILLEKTOMIE 267 - 312
ADENOTOMY AND TONSILLECTOMY
ADENOTOMÍA Y TONSILECTOMÍA

TRACHEOTOMIE	313 - 320
TRACHEOTOMY	
TRAQUEOTOMÍA	
LARYNGOSKOPIE UND ENDOLARYNGEAL E MIKROCHIRURGIE	321 - 354
LARYNGOLOGY AND ENDOLARYNGEAL MICROSURGERY	
LARINGOSCOPIA Y MICRO CIRUGIA ENDOLARINGEAL	
BRONCHOSKOPIE	355 - 356
BRONCHOSCOPY	
BRONCOSCOPIA	
INSTRUMENTENSÄTZE	357 - 372
INSTRUMENT SETS	
JUEGOS DE INSTRUMENTOS	
NUMMERNVERZEICHNIS	373 - 384
NUMERICAL INDEX	
INDICE NUMERICO	
ALPHABETISCHER INDEX	385 - 419
ALPHABETICAL INDEX	
INDICE ALFABETICO	



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ENDOSKOPE

ENDOSCOPES

ENDOSCOPIOS



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



R805-130402-034

300 mm Nutzlänge / working length / largo útil

3,4 mm Durchmesser / diameter / diametro

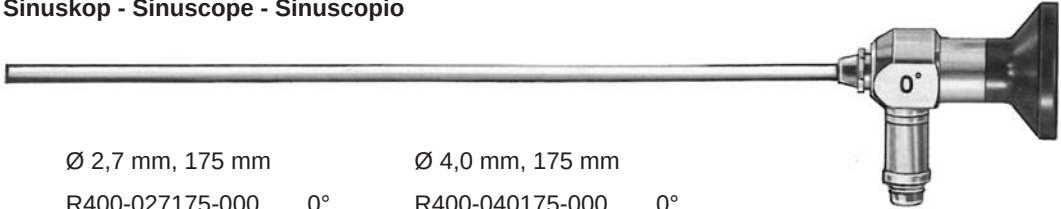
130°	aufwärts / abwärts up / down hacia arriba / hacia abajo	Schwenkbereich des distalen Endes Bending range of distal tip distal final girable
------	---	--

0°	Blickwinkel / direction of view / direccion de vista
----	--

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

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

Sinuskop - Sinuscope - Sinuscopio



Ø 2,7 mm, 175 mm

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

Ø 4,0 mm, 175 mm

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



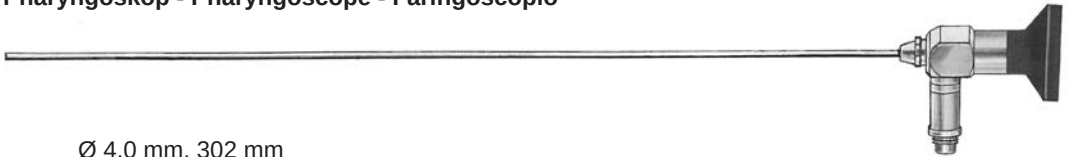
Ø 2,7 mm, 175 mm

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

Endoskope
Endoscopes
Endoscopios

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

Pharyngoskop - Pharyngoscope - Faringoscopio

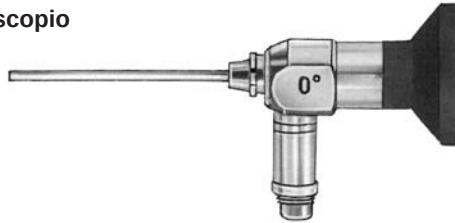


Ø 4,0 mm, 302 mm

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

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

Otoskop - Otoscope - Otoscopio



Ø 2,7 mm, 41 mm

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

Ø 4,0 mm, 50 mm

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

Laryngoskop - Laryngoscope - Laringoscopio



Ø 10 mm, 147,5 mm
R503-100148-070 70°

Ø 11 mm, 145 mm
R503-110145-090 90°

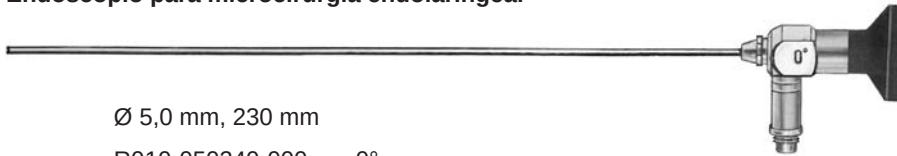
Ø 10 mm, 173 mm
R503-100173-070 70° mit Lichtleiter / integrated light cable / con portador de luz

Ø 11 mm, 173 mm
R503-110173-090 90° mit Lichtleiter / integrated light cable / con portador de luz

Endoskope
Endoscopes
Endoscopios

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

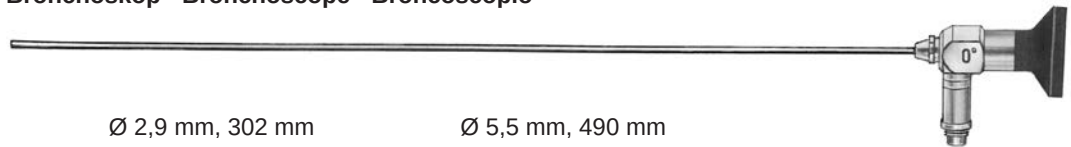
Endoskop zur endolaryngealen Mikrochirurgie
Endoscope for endolaryngeal microsurgery
Endoscopio para microcirurgia endolaringeal



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



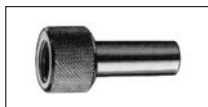
R900-000000-03
Wolf / Henke Sass /
Dyonics / Medicon /
Comeg



R900-000000-13
Heine-Optotechnik



R900-000000-05
ACM / British /
Codman



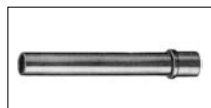
R900-000000-15
Winter+IBE



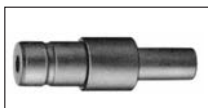
R900-000000-07
Olympus



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



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STIRNLAMPEN

HEAD LIGHTS

LÁMPARAS FRONTALES



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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
Stirnstreifen, 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 ergonomico. 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



03195-06
6 Volt

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



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

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

Stirnlampe
Head Light
Lámpara frontal

03194-00

Xenon Stirnlampe mit Batteriebox
Xenon headlight with battery box
Lámpara frontal Xenon con caja para batería



03194-01

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

03196-00

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

Wireless OT-LED-Headlight,
black, with headband

Lámpara frontal LED, inalám-
brica, negra con cinta y batería





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BOHRER

BURRS

BROCAS



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



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, Shaft 2.35 mm
 Brocas, 70 mm, vástago 2,35 mm



Hartmetall
Tungsten Carbide
Tungsteno

Hartmetall grob
Tungsten Carbide coarse
Tungsteno grueso

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



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**HOCHFREQUENZ-
CHIRURGIE**

**HIGH FREQUENCY
SURGERY**

**CIRUGIA DE ALTA
FRECUENCIA**



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Hochfrequenz-Chirurgie
High Frequency Surgery
Electrocirugía

Mindestbestellmenge 10
Minimum order quantity 10
Cantidad minima 10



91010-01
Fig. 1



91010-02
Fig. 2 45°



91010-03
Fig. 3 120°



91010-11
Fig. 11
Ø 3 mm



91010-12
Fig. 12
Ø 5 mm



91010-13
Fig. 13
Ø 8 mm



91010-14
Fig. 14



91010-15
Fig. 15 45°
7,0x1,5 mm



91010-16
Fig. 16 45°
7 mm



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



91010-18
Fig. 18 30°
7,0x1,7 mm



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



91010-31
Fig. 31 45°
Ø 0,6 mm



91010-33
Fig. 33 45°
Ø 1,7 mm



91010-34
Fig. 34 45°
Ø 3,0 mm



91010-35
Fig. 35



91010-36
Fig. 36 90°

Schaft
shaft
vástagó
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
10 91022-10
20 91022-20



Ø mm
10 91024-10
15 91024-15
20 91024-20



Ø mm
2 91030-02
4 91030-04
6 91030-06

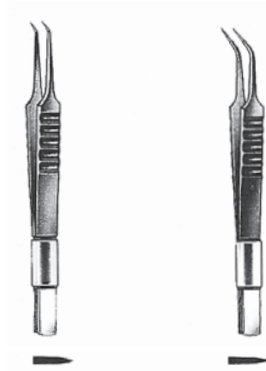
Schaft
shaft
vástago
Ø 4 mm

Bipolare Koagulation
Bipolar Coagulation
Coagulación bipolar



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

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



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

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



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



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

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



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

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



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

Bipolare Koagulation
Bipolar Coagulation
Coagulación bipolar



91142-16
16,5 cm, 6 ½"
1 mm



91144-16
16,5 cm, 6 ½"
0.5 mm



91146-16
16,5 cm, 6 ½"
1 mm



91152-19
19,5 cm, 7 ¾"
0.3 mm



91154-19
19,5 cm, 7 ¾"
1 mm



91157-19
19,5 cm, 7 ¾"
1 mm



91159-19
19,5 cm, 7 ¾"
2 mm

Bipolare Koagulation
Bipolar Coagulation
Coagulación bipolar



91162-19
19,5 cm, 7 3/4"
0.3 mm



91164-19
19,5 cm, 7 3/4"
1 mm



91166-19
19,5 cm, 7 3/4"
2 mm



91167-19
19,5 cm, 7 3/4"
1 mm



91169-19
19,5 cm, 7 3/4"
1 mm



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



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 $\frac{3}{8}$ "	91110-03N	91110-05N	91110-10N	
16,0 cm, 6 $\frac{1}{4}$ "	91160-03N	91160-05N	91160-10N	91160-20N
18,0 cm, 7"		91180-05N	91180-10N	91180-20N
19,5 cm, 7 $\frac{3}{4}$ "		91200-05N	91200-10N	91200-20N
22,0 cm, 8 $\frac{3}{4}$ "			91220-10N	91220-20N
24,0 cm, 9 $\frac{1}{2}$ "			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 $\frac{3}{8}$ "	91112-03N	91112-05N	91112-10N	
16,0 cm, 6 $\frac{1}{4}$ "		91162-05N	91162-10N	
18,0 cm, 7"			91182-10N	91182-20N
19,5 cm, 7 $\frac{3}{4}$ "		91202-05N	91202-10N	91202-20N
22,0 cm, 8 $\frac{3}{4}$ "			91222-10N	91222-20N
24,0 cm, 9 $\frac{1}{2}$ "			91242-10N	

NON STICK

Bipolare Koagulation
Bipolar Coagulation
Coagulación bipolar

bayonett gerade
bayonet straight
bayoneta recta



	0,3 mm	0,5 mm	1,0 mm	2,0 mm
16,0 cm, 6 ¼"	91166-03N	91166-05N	91166-10N	91166-20N
19,5 cm, 7 ¾"		91206-05N	91206-10N	91206-20N
22,0 cm, 8 ¾"		91226-05N	91226-10N	91226-20N
24,0 cm, 9 ½"		91246-05N	91246-10N	91246-20N

bayonett nach oben
bayonet upwards
bayoneta hacia arriba



	1,0 mm
19,5 cm, 7 ¾"	91207-10N
22,0 cm, 8 ¾"	91227-10N

bayonett nach unten
bayonet downwards
bayoneta hacia abajo



	0,5 mm	1,0 mm
16,0 cm, 6 ¼"	91168-05N	91168-10N
19,5 cm, 7 ¾"		91208-10N
22,0 cm, 8 ¾"		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

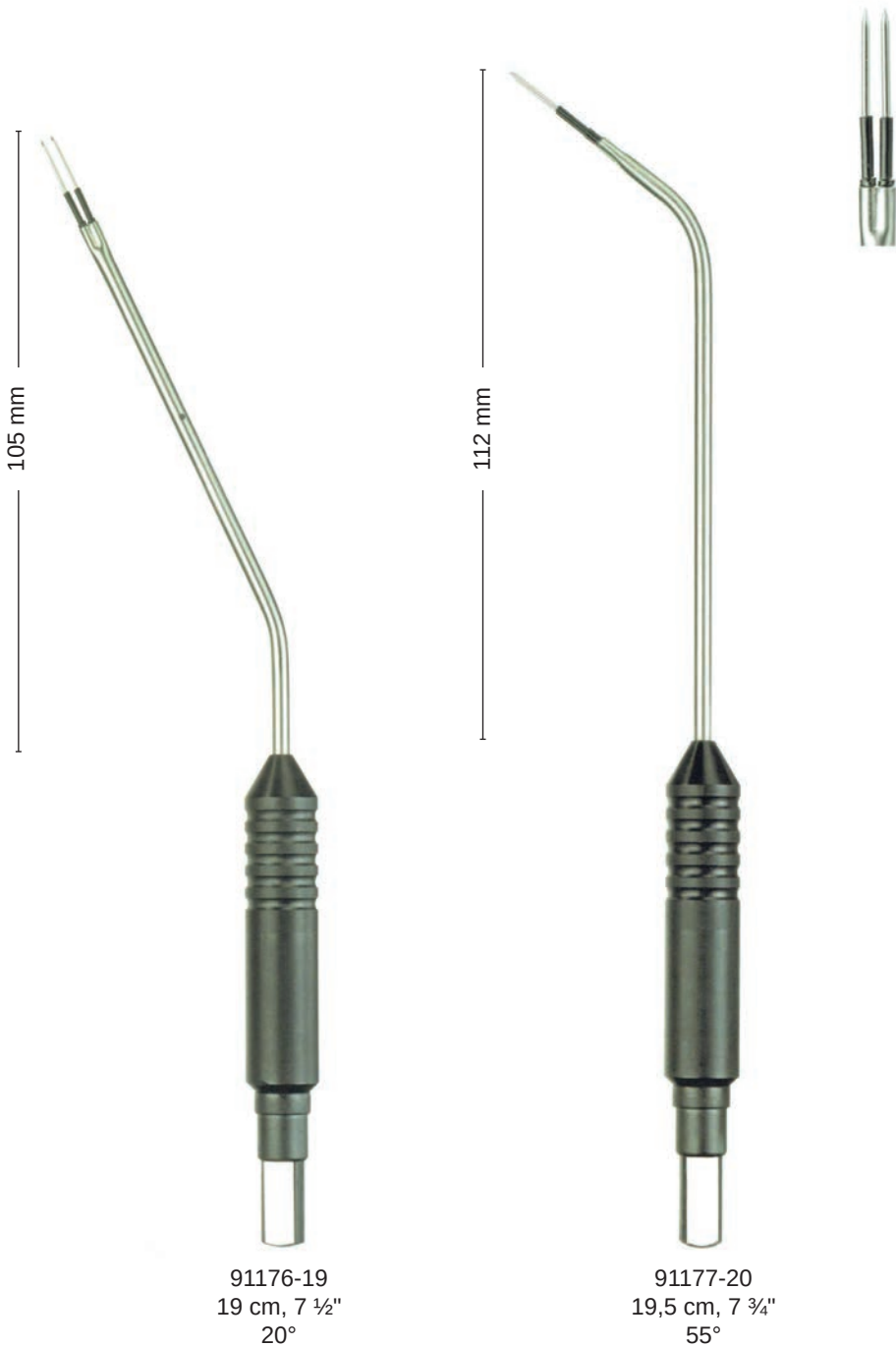
NON STICK

gerade, biegsam
straight, malleable
recta, maleable

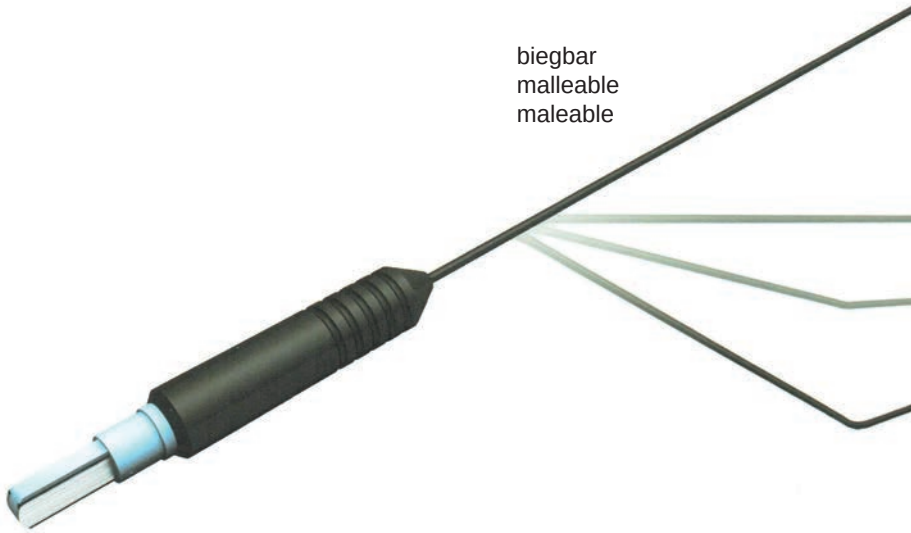


91179-18N
18 cm, 7"

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



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



91178-14
14 cm, 5 ½"



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

OTOLOGIE

OTOLOGY

OTOLOGÍA



www.Red-Instrumente.de

Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!

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

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

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

UNI I



Nr. 03161-00

Weltbekanntes und preiswertes Otoskop mit Standardbeleuchtung 2,5 V. Besonders geeignet für Studenten und Ärzte.
Set bestehend: Aus **Otoskopkopf** verchromt, mit Steckverschluß. **Verchromter Batteriegriff 28 mm Ø** für 2 Batterien Typ C. Mit abnehmbarem Abdeckglas in Kunststoff-Fassung mit 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 Ø. Komplett in silberfarbener Kunststofftasche.

No. 03161-00

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

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

No. 03161-00

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

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

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

UNI II



Nr. 03161-01

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

No. 03161-01

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

No. 03161-01

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

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

UNI III



Nr. 03161-02

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

No. 03161-02

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

No. 03161-02

Este estuche de diagnóstico con iluminación standard 2,5 V es muy popular y muy económico, apropiado para estudiantes y médicos. Juego, compuesto de: **Cabeza otoscopio** cromado, con cierre de tornillo. Con cristal de cubierto en armadura plástica, con conector plástico para el test 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 Ø para dos pilas tipo C. La intensidad de la luz es regulable con el reostato al tope del mango. Todos los partes se presentan en una bolsa plástica de color gris plata.

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



ECO "T" 03161-03T

- a) Otoskop, mit Schraubverschluss und 3 Ohrtrichtern, 2-3-4 mm
Otoscope with screw fitting and 3 ear speculas with, 2-3-4 mm
Otoscopio, con cierre a tornillo y con 3 espéculos auriculares de 2-3-4 mms
- b) 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.
Contens 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 Kunststofftui.

Nr. 03171-00 - Otoskop mit Griff AA.

Nr. 03171-01 - Ophthalmoskop mit Griff AA.

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

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

No. 03171-00 - Ootoscope with AA-handle.

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

No. 03171-02 - Ootoscope/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 tubito de plástico. Todos los juegos se presentan en estuche de plástico negro moderno.

No. 03171-00 - Ootoscopio con mango AA.

No. 03171-01 - Ofthalmoscopio 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



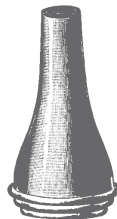
TOYNBEE
45012-00
Set = 5,5 - 7,5 mm

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

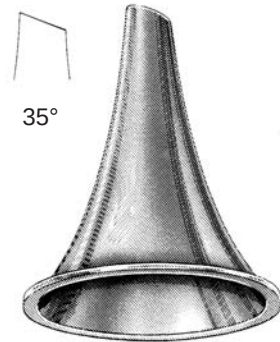
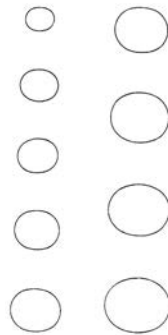
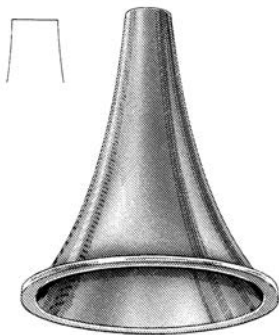
Innen Ø
○ = 4,5 mm
45015-45
○ = 5,5 mm
45015-55
○ = 6,5 mm
45015-65



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
Espéculos auriculares

6,5 mm



45030-06

7,5 mm



45030-07

8,2 mm

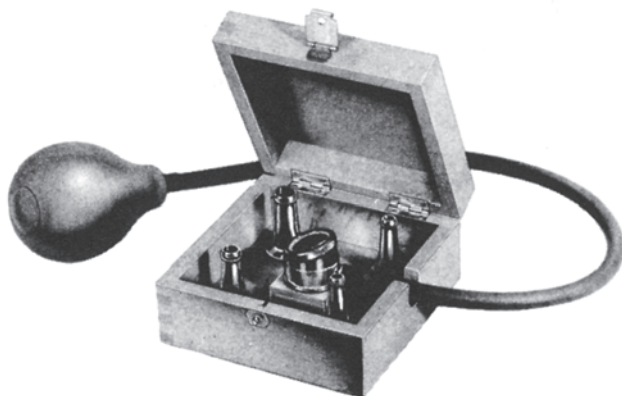


45030-08

10 mm



45030-10



BRUENINGS
45030-04

45030-04

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

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

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

Ersatzteile / spare parts / repuestos

45036-09

Lupe / Magnification glass / lupa

45036-10

Saugpumpe / rubber ball / pera de
goma

Ohrspekula
Ear Specula
Espéculos auriculares



7,5 mm Ø



45036-06



8,5 mm Ø



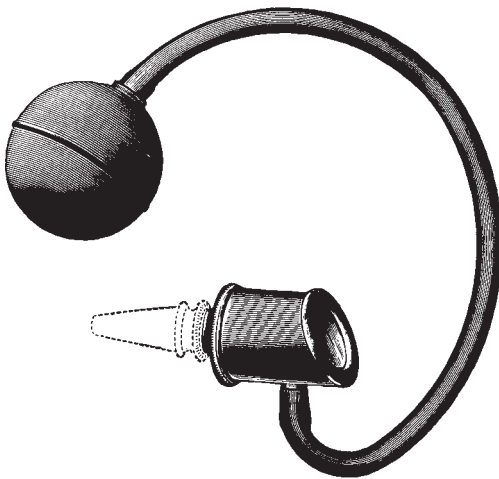
45036-07



9,5 mm Ø



45036-08



SIEGLE
45036-03

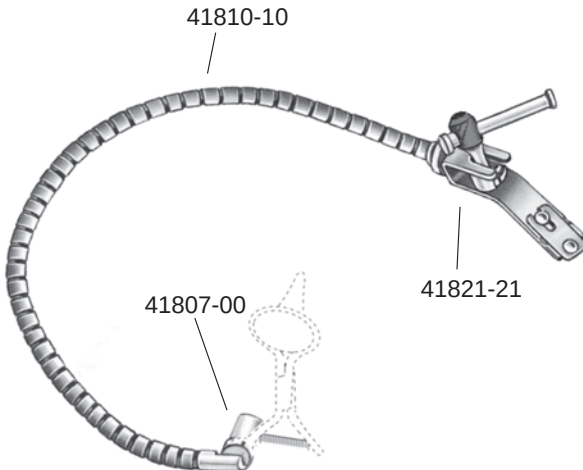
45036-03

Komplett bestehend aus:
Ohrspekulum, 3 Spekula, 1 Gebläse

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

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

Ohrspekulahalter
Ear Specula Holder
Soporte para espejos auriculares



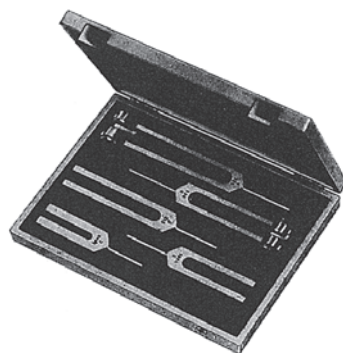
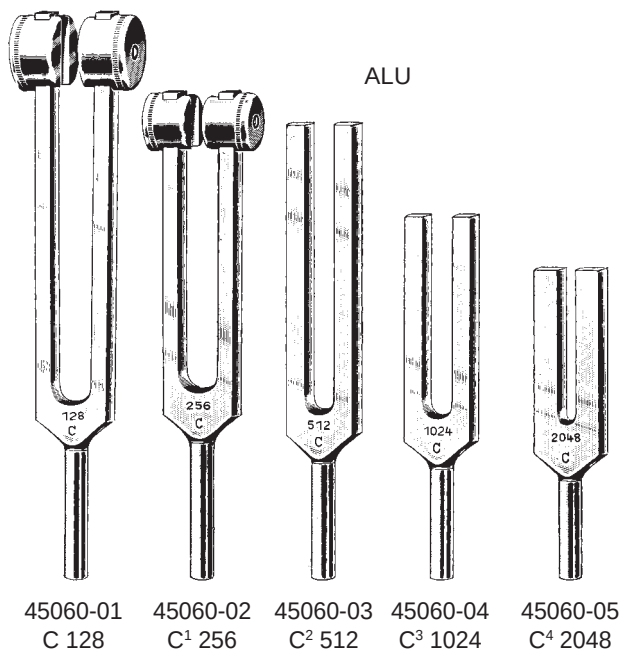
YASARGIL

- 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

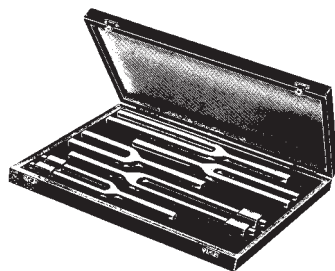
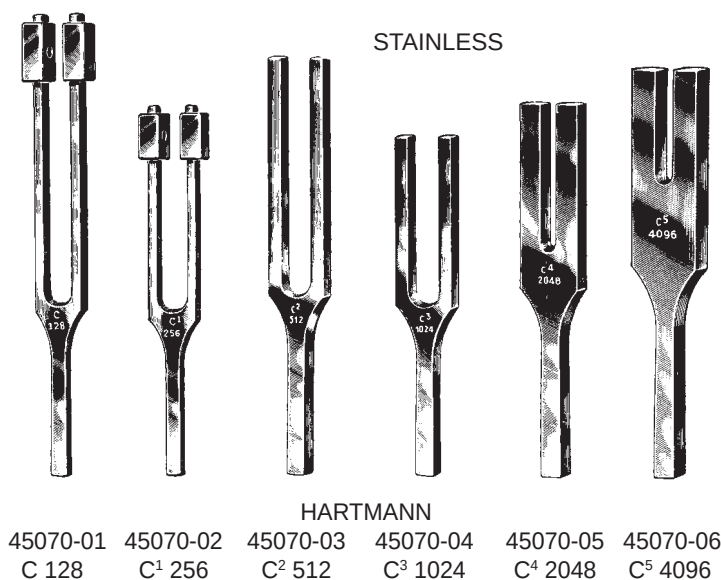


- 41807-00
Ohrspekulahalter alleine
Ear specula holder only
Soporte para espejos auriculares, suelto

Stimmgabeln
Tuning Forks
Diapasones



45061-00
compl.



HARTMANN
45071-00
compl.

Stimmgabeln
Tuning Forks
Diapasones



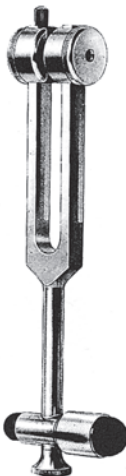
45072-01
a¹ 440



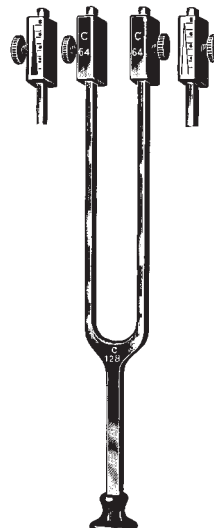
LUCAE
45073-01 C 128
45073-02 C¹ 256
45073-03 C² 512
45073-04 C³ 1024
45073-05 C⁴ 2048
45073-06 C⁵ 4096



LUCAE
45074-01
C 128



45075-00

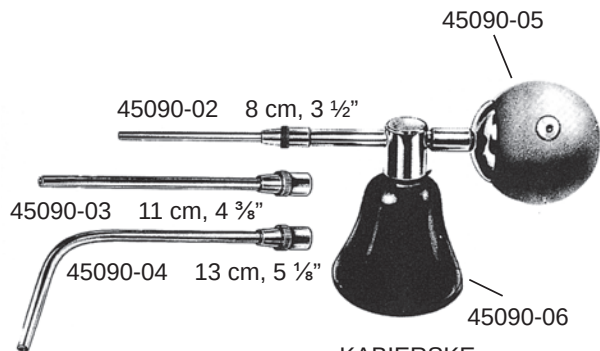


RYDEL-SEIFFERT
45076-01 C 128 / C 64

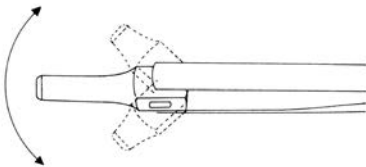
Lärmtrommel, Pulverbläser
Noise Apparatus, Powder Blowers
Ensordecedor, Lanzapolvo



BARANY
45080-00



KABERSKE
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



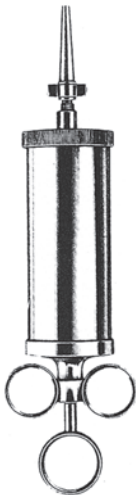
45091-17
17 mm Ø



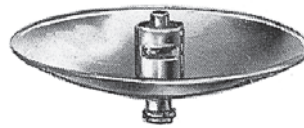
45091-22
22 mm Ø

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

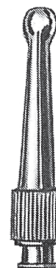
POLITZER
45091-01 Set
incl.
45091-03
45091-04
45091-15
45091-17
45091-22



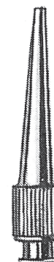
ml REINER, compl.
50 45096-50
75 45096-75
100 45097-10
150 45097-15



45097-01

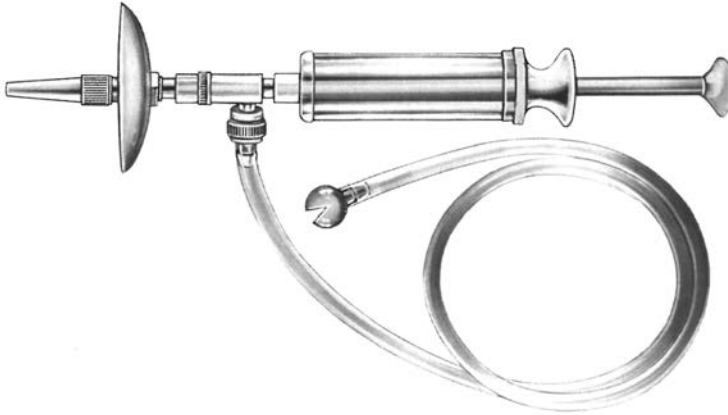


45097-02



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

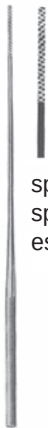
Ohrsonden, Watteträger
Ear Probe, Cotton Applicators
Sondas auriculares, Porta-algodones

Ø 1 mm
Silber



STACKE
21115-10
10,5 cm 4.1"

Ø 1,2 mm



spiralförmig
spiral threads
estrías espirales

FARRELL

4 ¾"	21270-12	12,0 cm
5 ½"	21270-14	14,0 cm
6 ½"	21270-16	16,5 cm

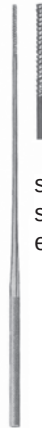
Ø 1,2 mm



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 ¾"	21277-12	12,0 cm
5 ½"	21277-14	14,0 cm
6 ¼"	21277-16	16,0 cm

Watteträger
Cotton Applicators
Porta-algodones



spiralförmig
spiral threads
estrias espirales

REDA

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



REDA

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

Ø 1,3 mm



UCKERMANN

21310-15 15 cm, 6"

Ø 3 mm



JOBSON-HORNE

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

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



GROSS
45171-12
12 cm, 4 3/4"



GROSS
45173-12
12 cm, 4 3/4"



45180-01



45180-02



45180-03

BILLEAU
16 cm, 6 1/4"



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

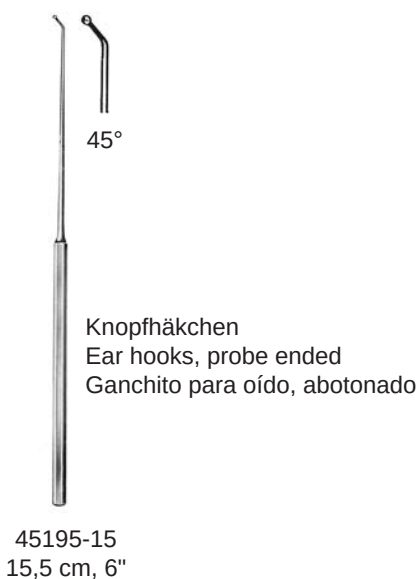
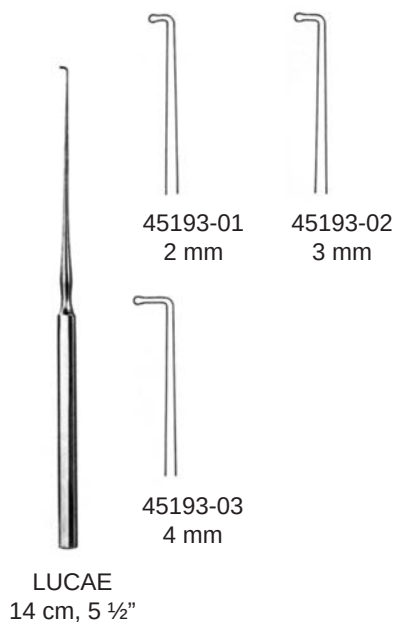
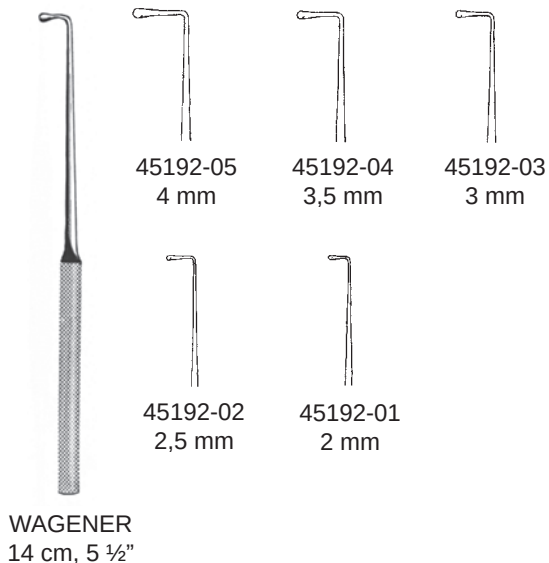


ZAUFAL
45184-16
16 cm, 6 1/4"



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



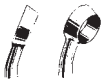
WEBER-LOCH
16 cm, 6 1/4"

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 3/4"

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 3/4"

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

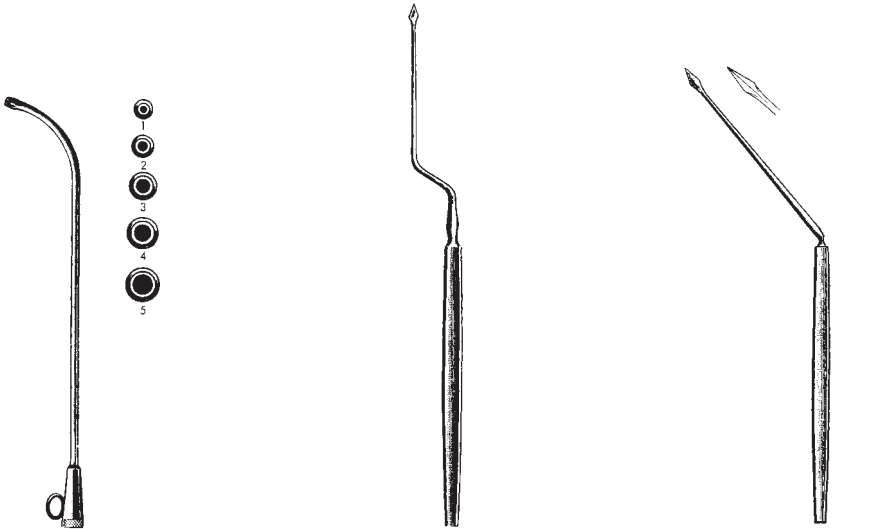


Fig. HARTMANN

- | | | |
|---|----------|--------|
| 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 ½"



für Kinder
for children
para niños

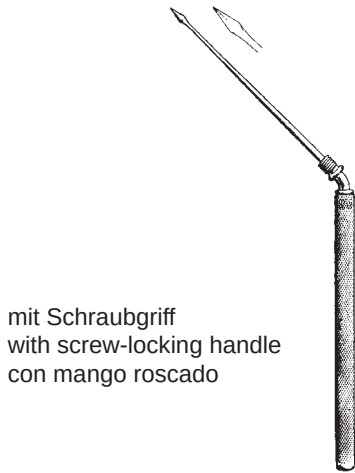
LUCAE
45152-01
18 cm, 7"



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 $\frac{1}{4}$ "



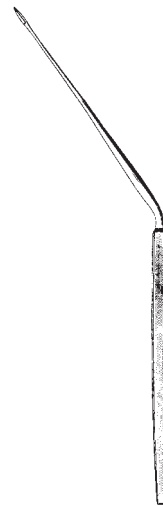
POLITZER
45160-15
15 cm, 6"



SEXTON
45162-18
18 cm, 7"



SEXTON
45164-17
17 cm, 6 $\frac{3}{4}$ "

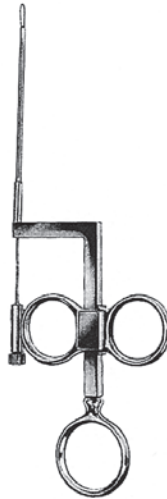


SEXTON
45165-17
17 cm, 6 $\frac{3}{4}$ "

Ohrpolypenschnürer
Ear Polypus Snares
Polipotomos auriculares



KRAUSE
45220-16
16 cm, 6 $\frac{1}{4}$ "



WILDE
45222-17
17 cm, 6 $\frac{3}{4}$ "

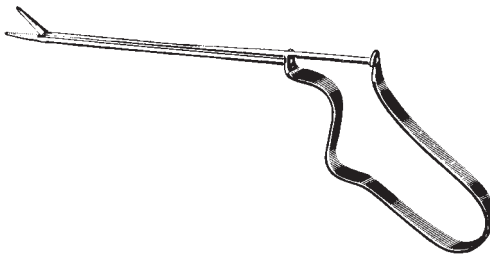


45225-02
doz./doc./dozz.
0,2 mm

Fremdkörperheber
Foreign Body Levers
Elevadores para cuerpos extraños

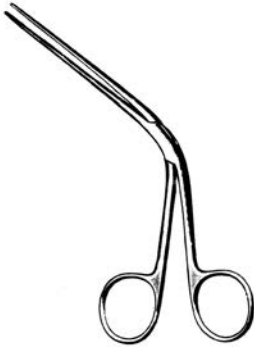


QUIRE
45251-10
10 cm, 4"



BUCK
45253-11
11 cm, 4 $\frac{3}{8}$ "

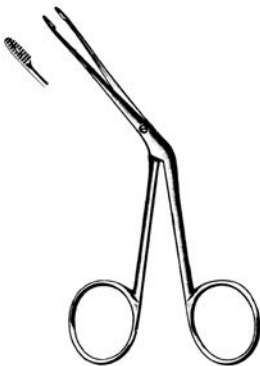
Ohrzängchen
Ear Forceps
Pinzas auriculares



TILLEY
45243-14
14 cm, 5 ½"



LITTAUER
45245-12
12 cm, 4 ¾"

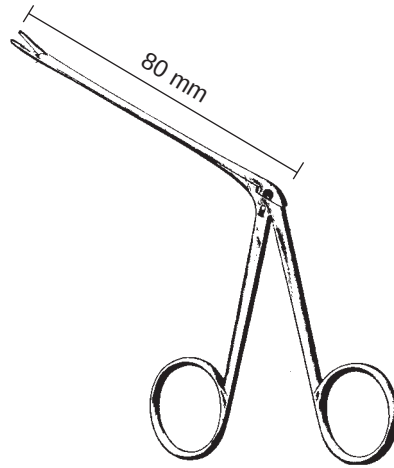


HARTMANN
45246-12
12 cm, 4 ¾"



HARTMANN
45246-14
14 cm, 5 ½"

Mikro Ohrzängchen
Micro Ear Forceps
Micro pinzas auriculares



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

◦ 1 mm Ø



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



HARTMANN
45261-08 8,5 cm, 3.4"
45261-14 14,0 cm, 5 1/2"
45261-16 16,0 cm, 6 1/4"



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



HARTMANN
45265-08
8,5 cm, 3.4"



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

3 mm Ø



HARTMANN
45269-30
8,5 cm, 3.4"



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



HARTMANN
45273-08
8,5 cm, 3.4"

○ 2 mm Ø



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

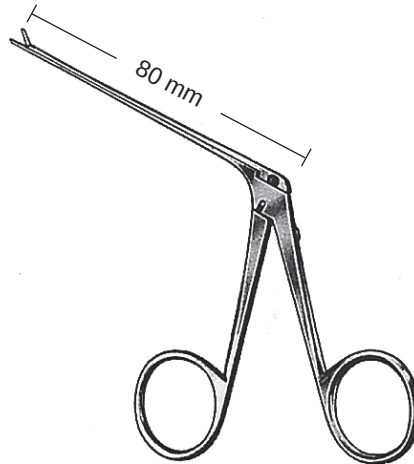


HARTMANN-HOFFMANN
45275-08
8,5 cm, 3.4"



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

Mikro Ohrzängchen
Micro Ear Forceps
Micro pinzas auriculares



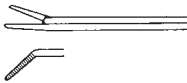
A
45350-40
0,9 x 4 mm



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

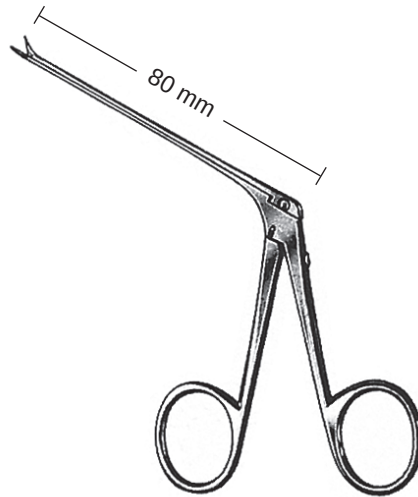
B: rechts / right / derecha

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 mm

45362-45
0,9 x 4,5 mm

**C**

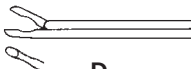
45361-02
0,6 x 4,5 mm

45363-45
0,9 x 4,5 mm

**B**

45361-03
0,6 x 4,5 mm

45365-45
0,9 x 4,5 mm

**D**

45361-04
0,6 x 5,0 mm

45367-50
0,9 x 5,0 mm

**E**

45361-05
0,6 x 5,0 mm

45369-50
0,9 x 5,0 mm

A: gerade / straight / recta

B: rechts / right / derecha

C: links / left / izquierda

D: aufgebogen / curved up / curva hacia arriba

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

Mikro Ohrzängchen
Micro Ear Forceps
Micro pinzas auriculares



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



A
45390-50
1 x 5 mm



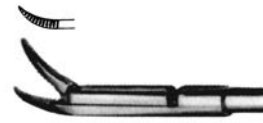
F
45391-35
0,8 x 3,5 mm



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



C
45393-50
1 x 5 mm



B
45394-50
1 x 5 mm

A: gerade / straight / recta

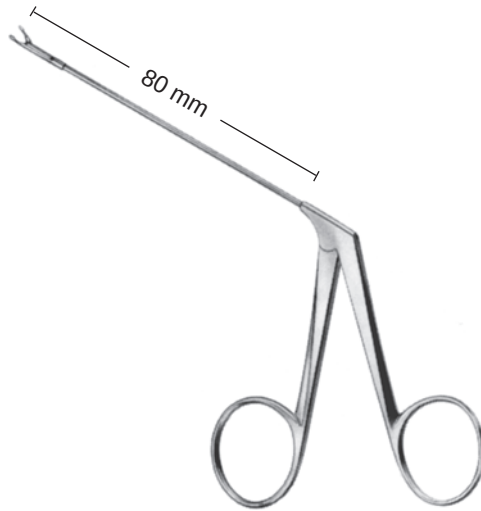
B: rechts / right / derecha

C: links / left / izquierda

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

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

Mikro Ohrzängchen
Micro Ear Forceps
Micro pinzas auriculares



WULLSTEIN



A
45400-01
0,9 x 1 mm



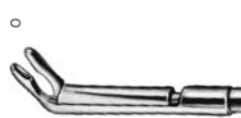
A
45400-02
0,8 x 1,3 mm



A
45400-03
1 mm



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



D
45402-10
0,9 x 1 mm



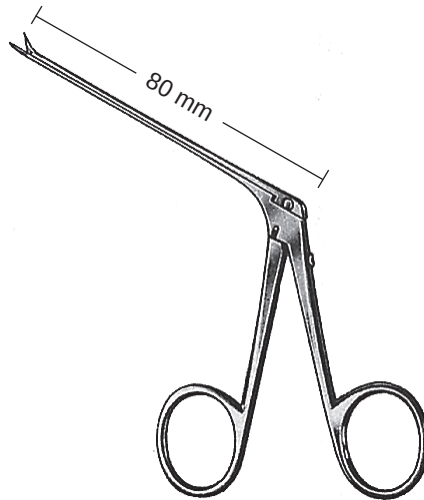
C
45403-13
0,8 x 1,3 mm



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

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

Mikro Ohrscheren
Micro Ear Scissors
Micro tijeras auriculares



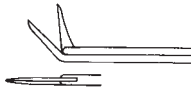
A
BELLUCCI
45300-30
3 mm
extra zart
very delicate
muy fina



A
BELLUCCI
45310-40
micro mini
4 mm



A
BELLUCCI
45312-55
micro standard
5,5 mm



D
BELLUCCI
45313-55
micro standard
5,5 mm



B
BELLUCCI
45315-55
micro standard
5,5 mm



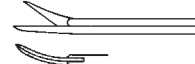
C
BELLUCCI
45317-55
micro standard
5,5 mm



A
SHEA
45320-70
7,0 mm



C
SHEA
45321-70
7,0 mm



B
SHEA
45322-70
7,0 mm

A: gerade / straight / recta

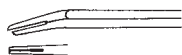
B: rechts / right / derecha

C: links / left / izquierda

D: aufgebogen / curved up / curva hacia arriba

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

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



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



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

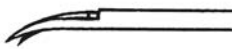


SCHUKNECHT
45372-60
0,8 x 6,0 mm

Mikro Ohrscheren
Micro Ear Scissors
Micro tijeras auriculares



FISCH



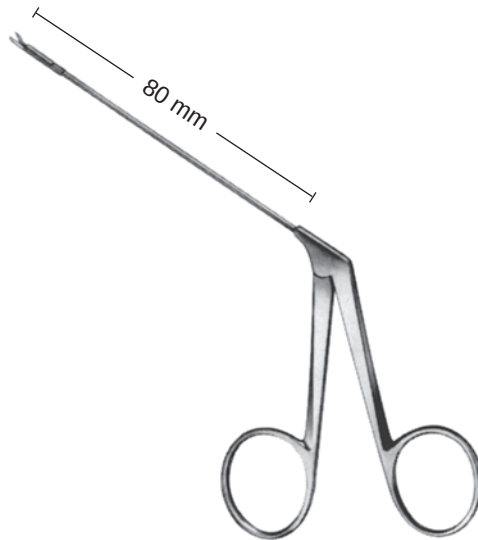
B
FISCH
45324-03
3,0 mm



C
FISCH
45325-03
3,0 mm

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

Mikro Ohrscheren
Micro Ear Scissors
Micro tijeras auriculares



WULLSTEIN



A
45410-01



F
45411-01



C
45412-01



B
45413-01



G
45414-01

A: gerade / straight / recta

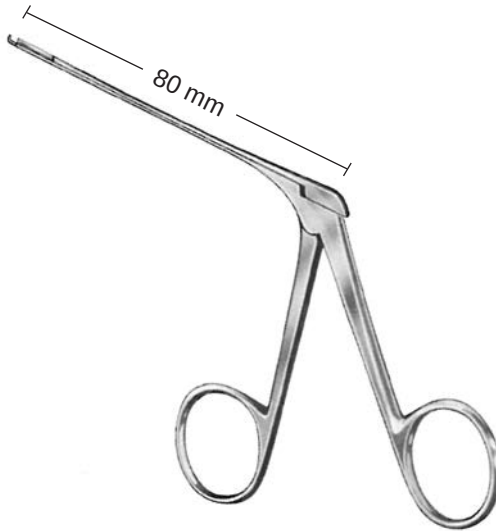
B: rechts / right / derecha

C: links / left / izquierda

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

G: horizontal schneidend / horizontal cutting / corte horizontal

Hammerkopfstanze
Malleus Punch
Pinza para cabeza del martillo



DIETER

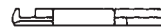
micro ø 1,3 mm



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



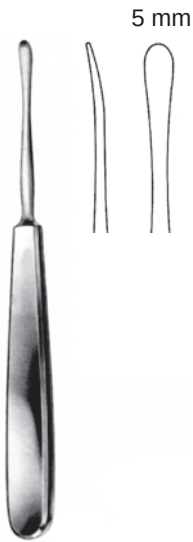
SCHUKNECHT
45430-00

16 x 12 mm



HOUSE-GELFOAM
45440-19
19 cm, 7 ½"

Elevatoren, Raspatorien
Elevators, Raspatories
Elevadores, Periostótomos



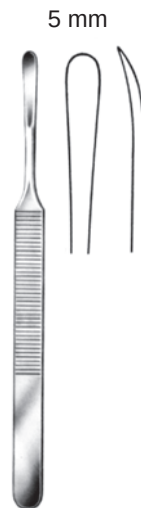
SEBILEAU
33707-17
17,5 cm, 7"



QUERVAIN
33708-19
19,5 cm, 7 $\frac{3}{4}$ "



LANGENBECK
33710-19
19 cm, 7 $\frac{1}{2}$ "



KÖNIG
33714-15
15,5 cm, 6"

4 mm



WILLIGER
33711-16
16 cm, 6 ¼"

6,5 mm



WILLIGER
33712-16
16 cm, 6 ¼"

5 mm



WILLIGER
33713-16
16 cm, 6 ¼"

5,5 mm



WILLIGER
33713-17
17 cm, 6 ¾"

Raspatorien, Elevatoren
Raspatories, Elevators
Periostótomos, Elevadores

4 mm



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

45802-16
2 mm



45803-16
2 mm



45805-16
3 mm



LEMPERT
16 cm, 6 1/4"

3 mm



LEMPERT
45806-16
16 cm, 6 1/4"

Raspatorien
Raspatories
Periostótomos

mit Ferrozellgriff
with Ferrozell-Handle
con mango de Ferrozell

6 mm



33740-19
19 cm, 7 1/2"

3 mm



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

6 mm



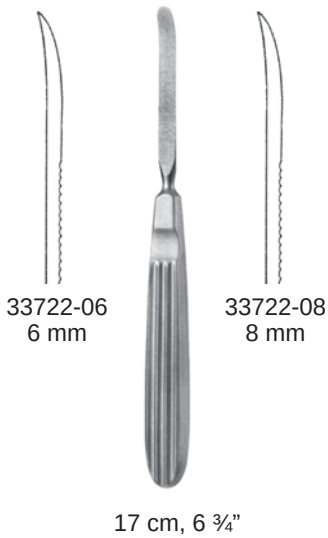
33742-18
18,5 cm, 7 1/4"

6 mm



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

Raspatorien
Raspatories
Periostótomos

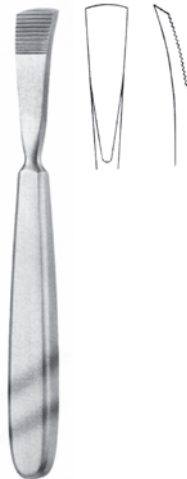


6 mm



LEMPERT
45807-20
20,5 cm, 8"

15 mm



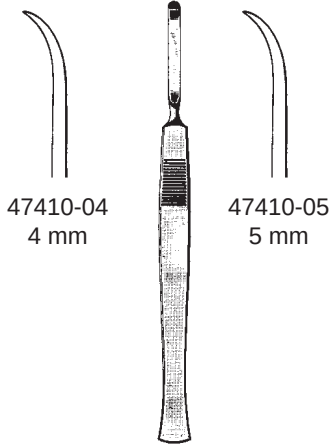
JANSEN
33701-16
16,5 cm, 6 ½"

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"

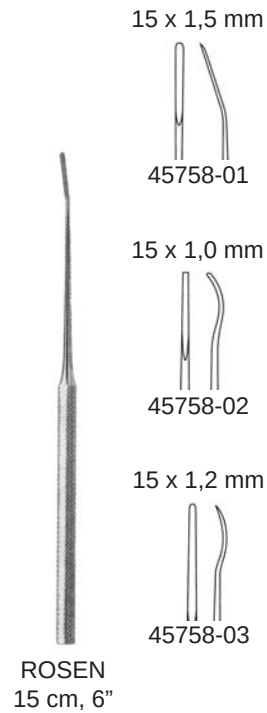
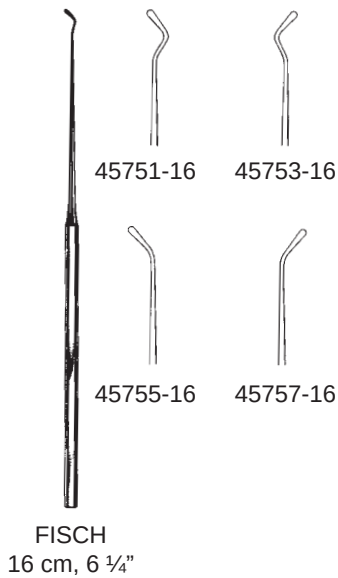


MILLER
17 cm, 6 3/4"

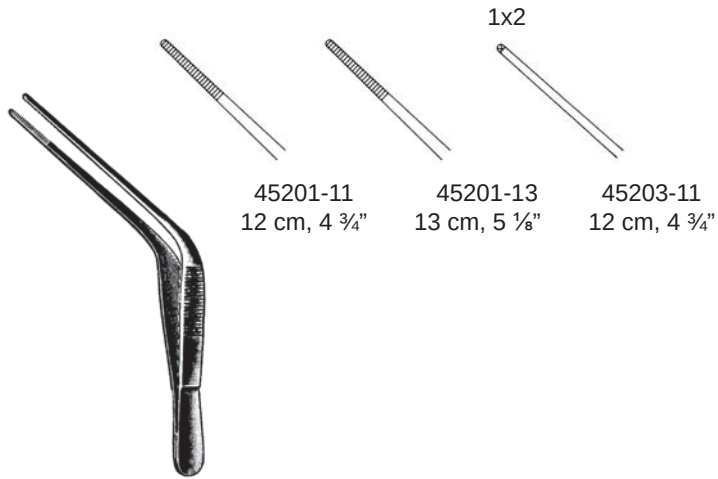


WULLSTEIN
45806-17
17 cm, 6 3/4"

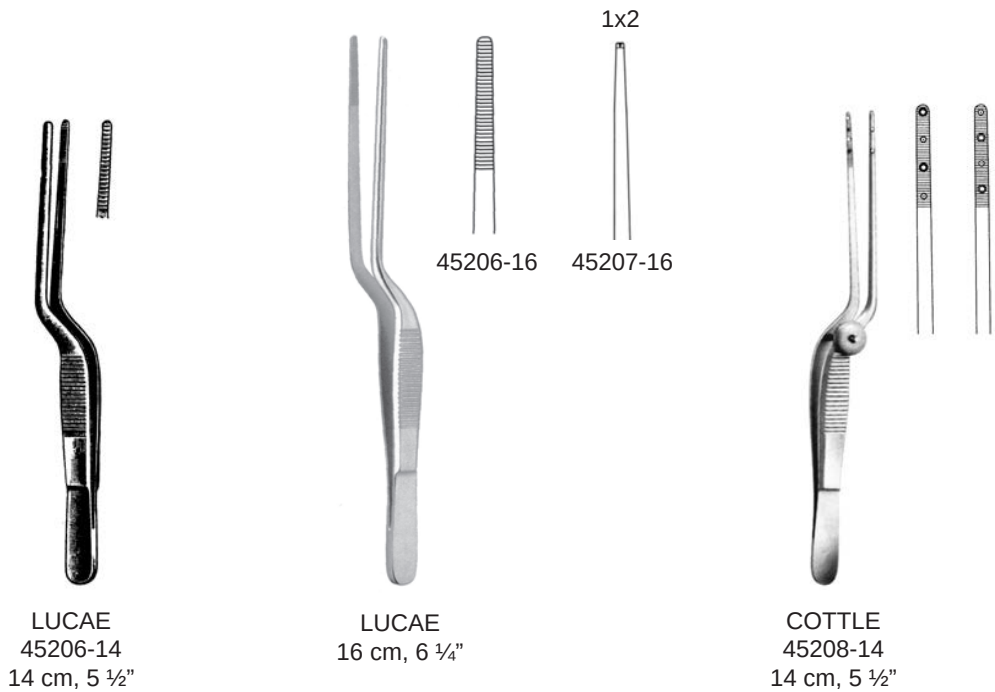
Dissektor, Raspatorien
Excavator, Raspatories
Disector, Periostótomos



Ohrpinzetten
Ear Forceps
Pinzas auriculares



WILDE (TROELTSCH)



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



1x2

STANDARD
11120-11
11,5 cm 4 ½"



GRAEFE
11190-10
10,5 cm, 4.1"



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



1x2

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

Uhrmacherpinzetten
Jeweler Type Forceps
Pinzas de relojero

Fig. 1



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

Fig. 3



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

Fig. 3c



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

Fig. 4



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

Fig. 5



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

Fig. 7



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

Ohrpinzetten
Ear Forceps
Pinzas auriculares



ADSON

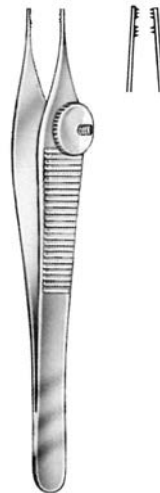
11170-12 12,0 cm, 4 $\frac{3}{4}$ "
11170-15 15,0 cm, 6"



1x2

ADSON

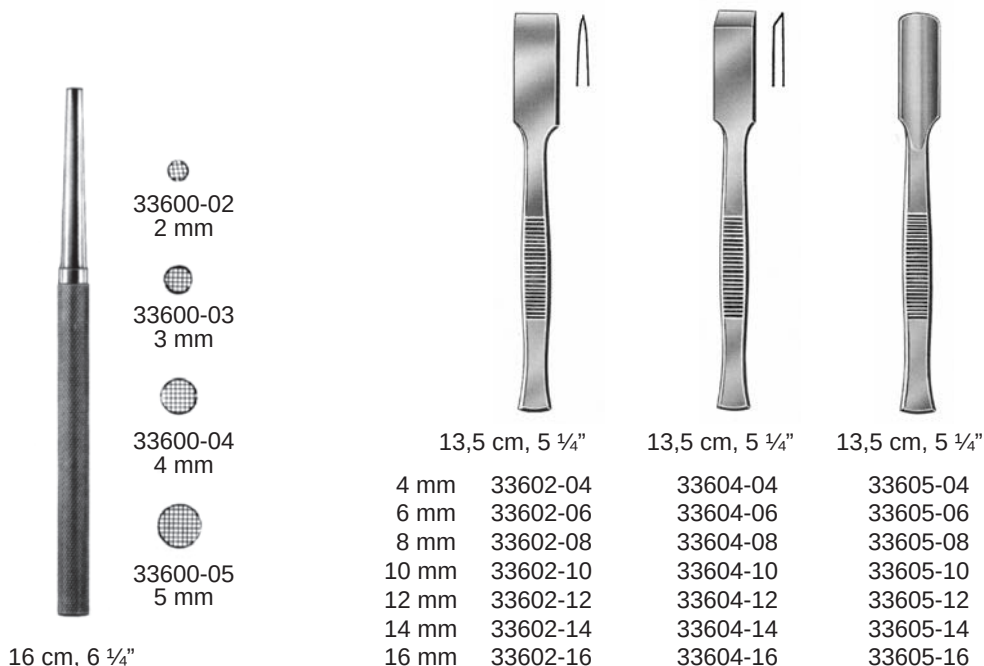
11180-12 12,0 cm, 4 $\frac{3}{4}$ "
11180-15 15,0 cm, 6"



DERLACKI

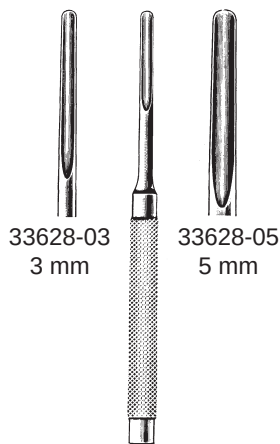
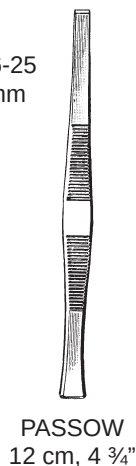
45209-12
12 cm, 4 $\frac{3}{4}$ "

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



33626-25
2,5 mm

33626-35
3,5 mm



BRÜNINGS-LUCAS
16 cm, 6 1/4"

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



PARTSCH

13,5 cm, 5 1/4"

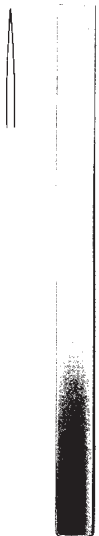
33620-02	2 mm
33620-03	3 mm
33620-04	4 mm
33620-05	5 mm
33620-06	6 mm



PARTSCH

13,5 cm, 5 1/4"

33623-02	2 mm
33623-03	3 mm
33623-04	4 mm
33623-05	5 mm
33623-06	6 mm



2 mm



3 mm



4 mm



6 mm



8 mm



10 mm



12 mm

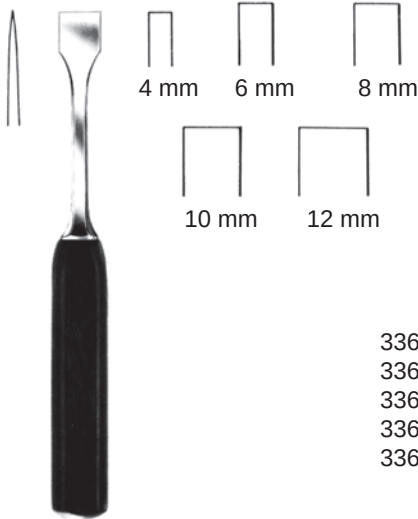


15 mm

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

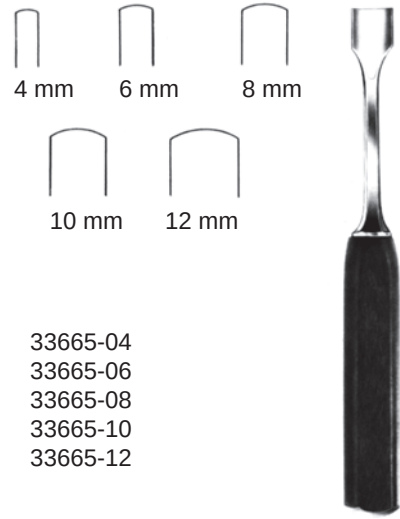
MINI-LAMBOTTE

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"

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



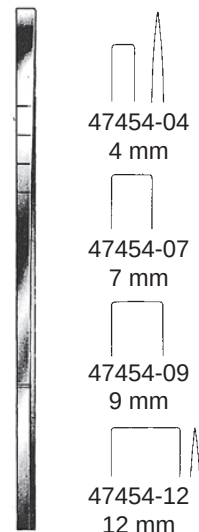
LEXER MINI
18 cm, 7"



FREER
47450-04
15 cm, 6"

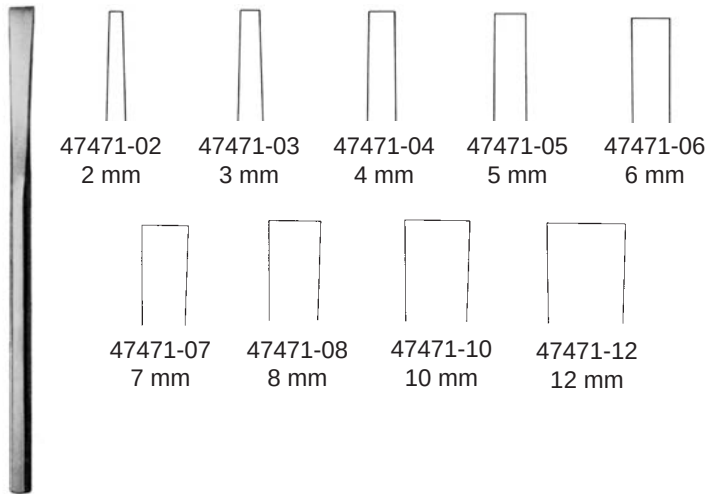


FREER
47451-04
15 cm, 6"



COTTLE
18 cm, 7"

Septum Osteotom
Rhinoplastic Osteotome
Osteotomo para rinoplastia



SHEEHAN
16 cm, 6 1/4"

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 3/4"
33693-32 320 g

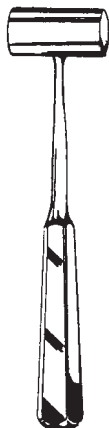
Ø 25 mm



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

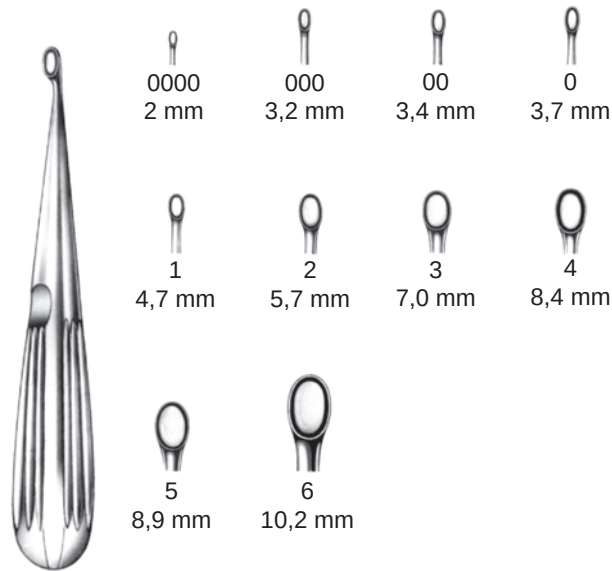
Ø 27 mm



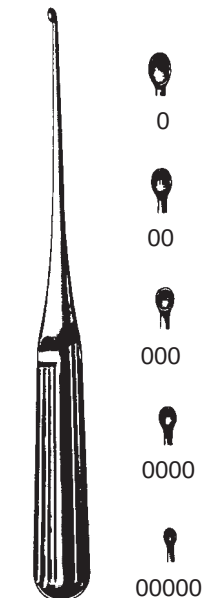
HAJEK
21 cm, 8 1/4" 140 g
33700-08

Scharfe Löffel
Bone Curettes
Cucharillas cortantes

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



SPRATT
17 cm, 6 3/4"



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 1/4"

Scharfe Löffel
Bone Curettes
Cucharillas cortantes



BARTH
33393-18, 18 cm, 7"



HALLÉ
21 cm, 8 ¼"

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

biegsam
malleable
maleable

- 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



VOLKMANN
17 cm, 6 ¾"

- | | | |
|----------------|---------------|--------------|
| 0000
2,8 mm | 000
3,8 mm | 00
4,8 mm |
| 0
5,8 mm | 1
6,8 mm | 2
8,3 mm |
| 3
10 mm | 4
11,6 mm | |
| 5
12,5 mm | 6
13,7 mm | |

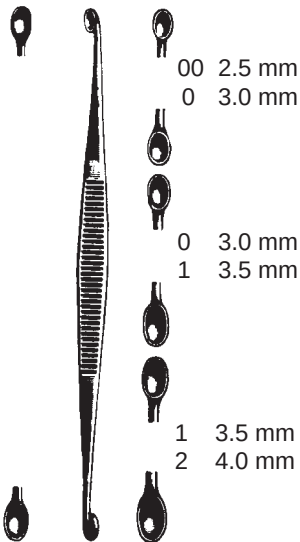
Scharfe Löffel
Bone Curettes
Cucharillas cortantes



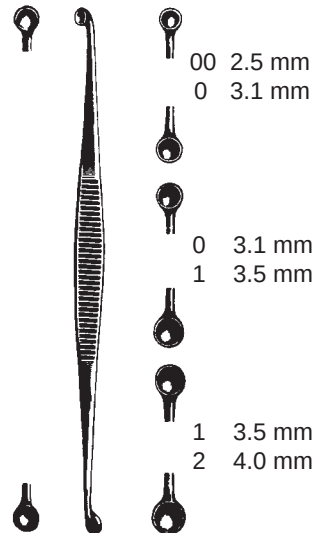
WILLIGER
17,5 cm, 7"

00	00
2.5 mm	3.2 mm
0	0
2.8 mm	4.0 mm
1	1
3.8 mm	4.5 mm
2	2
5.4 mm	6.8 mm

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

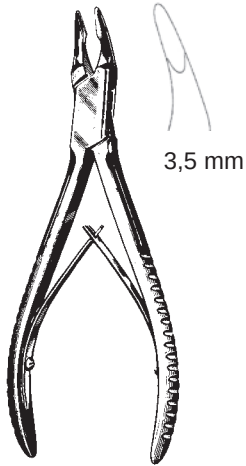


WILLIGER
13,5 cm, 5 1/4" Fig.
33496-00 00/0
33496-01 0/1
33496-12 1/2



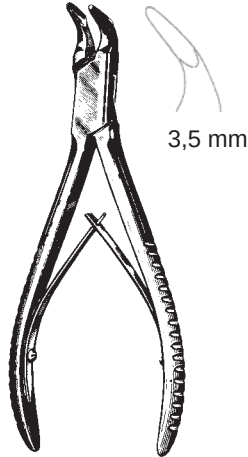
MARTINI
13,5 cm, 5 1/4" Fig.
33498-00 00/0
33498-01 0/1
33498-12 1/2

Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias



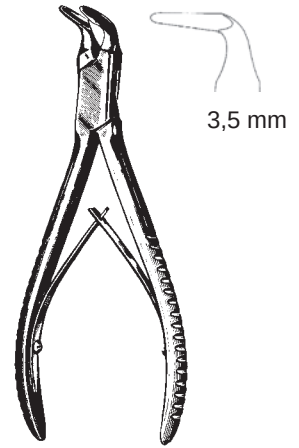
3,5 mm

BLUMENTHAL
33115-15
15,5 cm, 6"



3,5 mm

BLUMENTHAL
33117-15
15,5 cm, 6"



3,5 mm

BLUMENTHAL
33119-15
15,5 cm, 6"



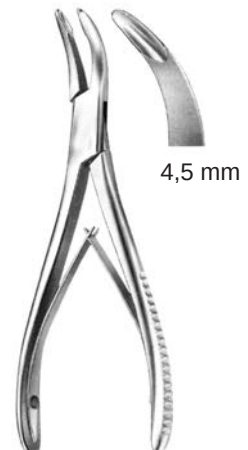
4,5 mm

LUER
33131-15
15 cm, 5.9"



4 mm

LUER
33133-15
15 cm, 5.9"



4,5 mm

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

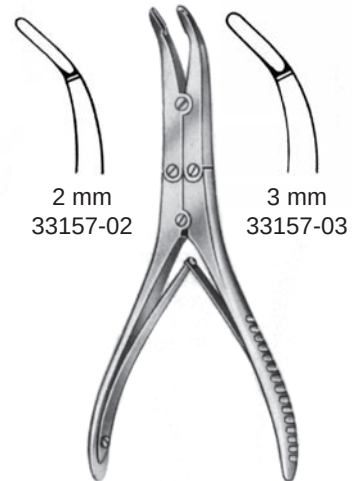
Hohlmeißelzangen
Bone Rongeurs
Pinzas-gubias



— LEMPERT —
33150-16 33151-16
16 cm, 6 1/4"



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 ½"



MC INDOE
33283-17
17 cm, 6 ¾"

Knochenstanzen
Bone Punches
Pinzas sacabocado



KERRISON

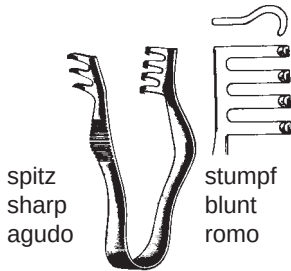
3x3 mm 47303-03
4x4 mm 47303-04
5x5 mm 47303-05
6x6 mm 47303-06
17 cm, 6 $\frac{3}{4}$ "



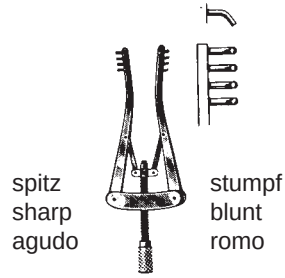
CITELLI

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

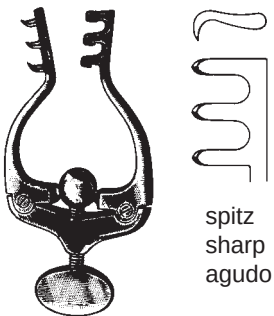
Wundsperrer
Retractors
Separadores



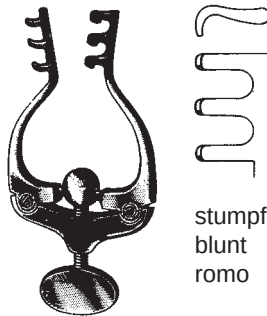
FINSEN
19610-07 7 cm, 2 3/4" 19611-07



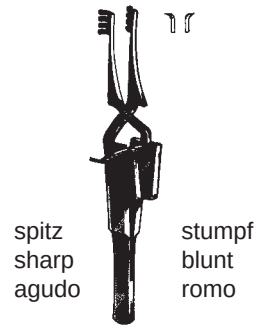
ALM
19620-07 7 cm, 2 3/4" 19621-07
19620-10 10 cm, 4" 19621-10



JANSEN
19630-10
10 cm, 4"

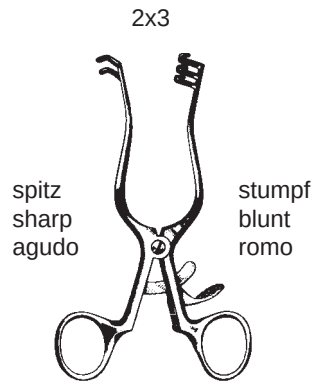


JANSEN
19631-10
10 cm, 4"

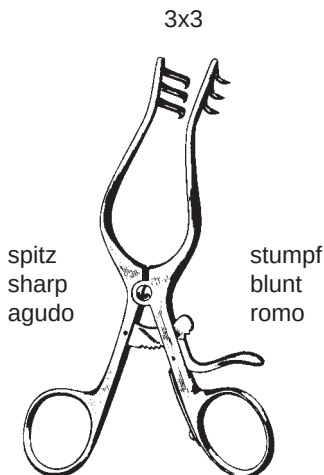


HOLZHEIMER
19634-10 19635-10
10 cm, 4"

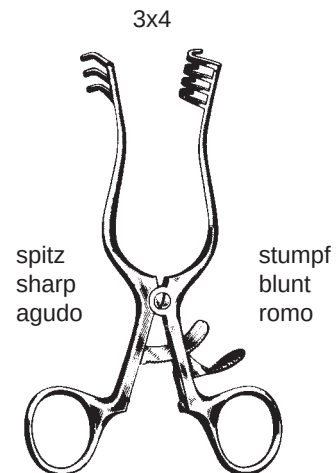
Wundsperrer
Retractors
Separadores



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

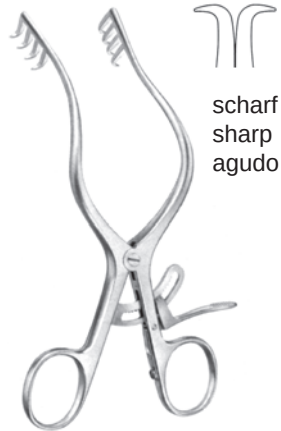


WEITLANER-WULLSTEIN
19654-13 19655-13
13 cm, 5 ⅛"



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

Wundsperrer
Retractors
Separadores



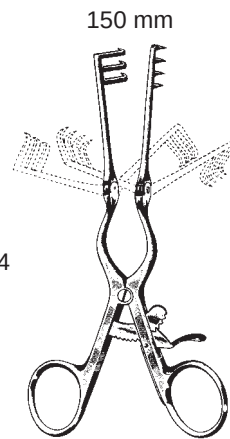
scharf
sharp
agudo

MOLLISON
19674-15
15 cm, 6"



stumpf
blunt
romo

FISCH
19683-17
17 cm, 6 ¾"



150 mm

19684-14

spitz
sharp
agudo

19685-14

stumpf
blunt
romo

ADSON
14 cm, 5 ½"

Wundsperrer
Retractors
Separadores



stumpf
blunt
romo

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



stumpf
blunt
romo

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



stumpf
blunt
romo

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



scharf
sharp
agudo

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

Wundhaken
Retractors
Separadores



19283-01

gerade
straight
recto

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



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"

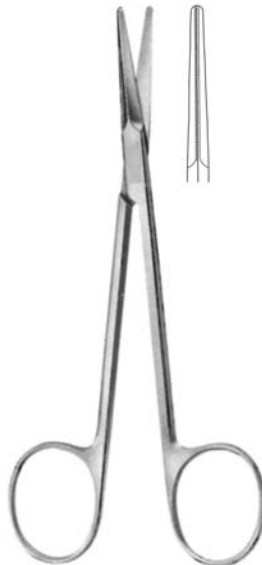
Präparierscheren
Dissecting Scissors
Tijeras de disección



JOSEPH
09304-14 14 cm 09305-14
5 ½"



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



GORNEY
10050-12
12,5 cm, 5"

Chirurgische Scheren
Operating Scissors
Tijeras para cirugía



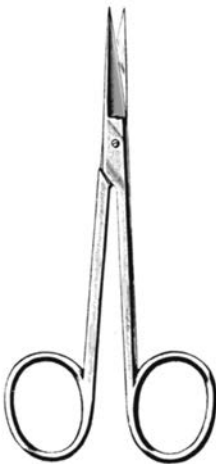
STANDARD

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



STANDARD

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



IRIS
11 cm, 4 ¾"



09340-11
09344-11 TC

gerade
straight
rectas



09341-11
09345-11 TC

gebogen
curved
curvas

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



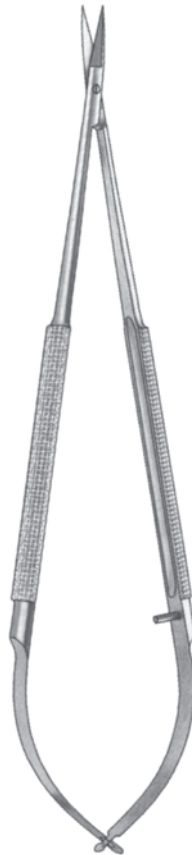
UNIVERSAL

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

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

Mikro Scheren
Micro Scissors
Micro-Tijeras

10 mm

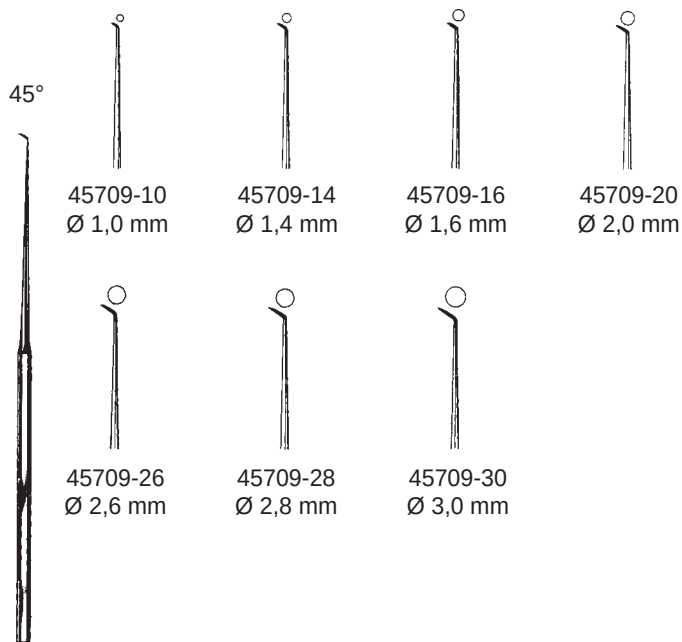


10202-14

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

10203-14

Messer
Knives
Cuchillos



ROSEN
16 cm, 6 ¼"

90°



45710-14	1,5 mm
45710-20	2,0 mm
45710-25	2,5 mm

ROSEN
16 cm, 6 ¼"



16 cm, 6 ¼"



45702-01

gerade
straight
recto



45702-02

gebogen
curved
curvo

45°



ROSEN
45708-16

Lanzettenmesser
Lancet knife
forma de lanza

Messer
Knives
Cuchillos



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



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



SCHUKNECHT
45703-15
15,5 cm, 6"



WULLSTEIN
45704-15
15,5 cm, 6"



TABB
45705-15
15,5 cm, 6"



PLESTER
45706-35
15,5 cm, 6"

Mikro Nadelhalter
Micro Needle Holders
Micro-porta-agujas

ohne Sperre
without lock
sin cremallera

mit Sperre
with lock
con cremallera



11,5 cm, 4 ½"
13,0 cm, 5 ⅛"
14,0 cm, 5 ½"
18,0 cm, 7"



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



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



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



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

mit diamantiertem Maul
with diamond jaw
con boca de diamante

11,5 cm, 4 ½"
13,0 cm, 5 ⅛"
14,0 cm, 5 ½"
18,0 cm, 7"

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

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

T= Titan, titanium, titanio



93250-15T
93250-18T



93251-15T
93251-18T



93260-15T
93260-18T



93261-15T
93261-18T

BARRAQUER

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



14,0 cm, 5 ½"
18,0 cm, 7"



25670-14
25670-18



25671-14
25671-18



25672-14
25672-18



25673-14
25673-18

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

14,0 cm, 5 ½"
18,0 cm, 7"

25674-14	25675-14	25676-14	25677-14
25674-18	25675-18	25668-18	25691-18

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

14,0 cm, 5 ½"
18,0 cm, 7"

25672-14D	25673-14D
25672-18D	25673-18D

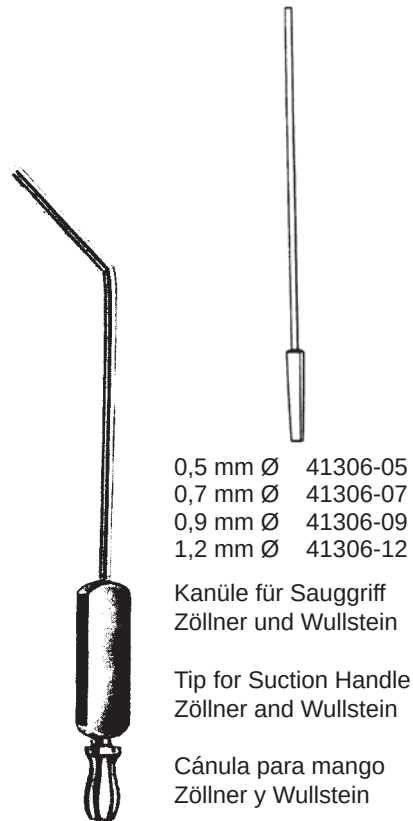
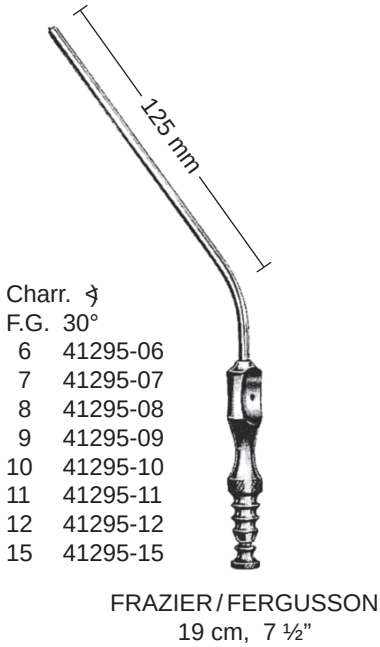
T= Titan, titanium, titanio
Maul / jaw / boca 0,4mm

14,0 cm, 5 ½"
18,0 cm, 7"

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

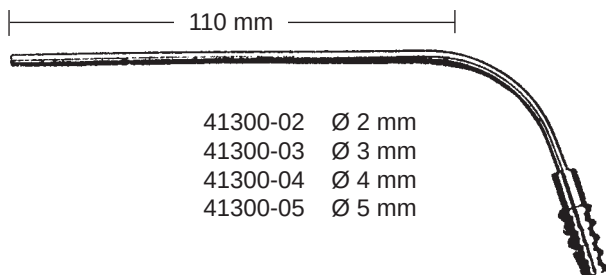
CASTROVIEJO

Saugrohre
Suction Tubes
Tubos de aspiración

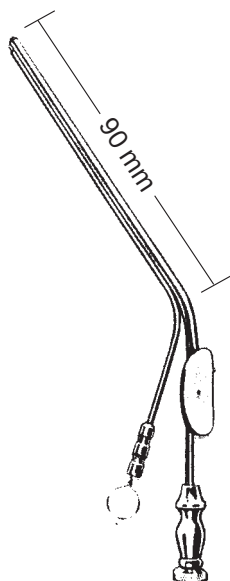


ZÖLLNER
41302-02

Saugrohre
Suction Tubes
Tubos de aspiración



41300-02	Ø 2 mm
41300-03	Ø 3 mm
41300-04	Ø 4 mm
41300-05	Ø 5 mm



HOUSE

9 cm, 3 1/2"

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

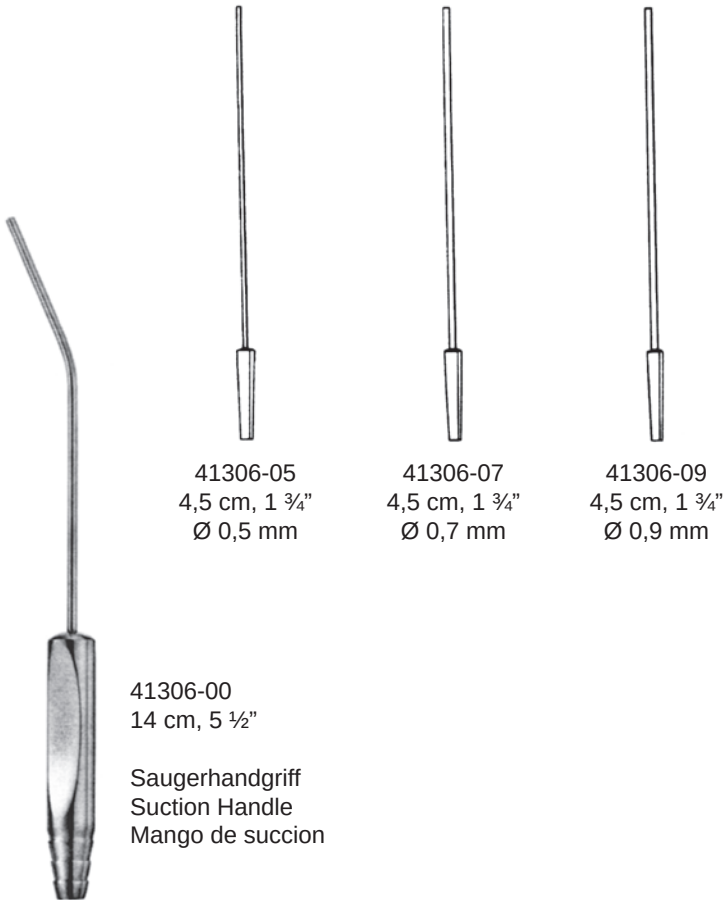


PLESTER 30°

Charr. 6	41304-06
Charr. 8	41304-08
Charr. 10	41304-10

Saugrohre
Suction Tubes
Tubos de aspiración

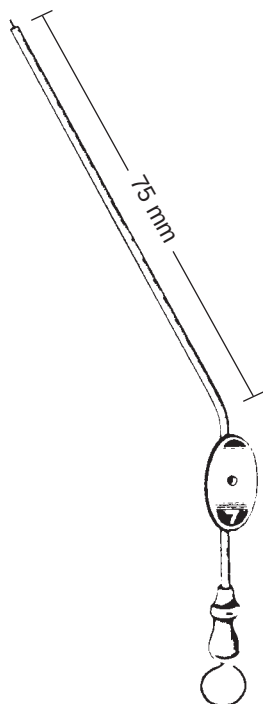
Mikro-Saugkanüle
Micro suction cannula
Micro tubo de aspiración



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 $\frac{1}{4}$ "

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

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

LUER



Sauggriff
Suction Handle
Mango de succion

WULLSTEIN
41307-00

Saugadapter
mit Saugunterbrecher

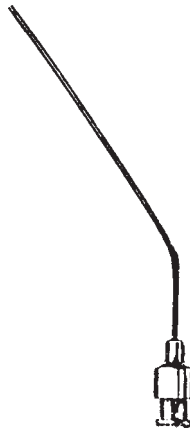
Suction adapter
with finger cut-off

Adaptador para
aspiración con interrupto

LUER



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

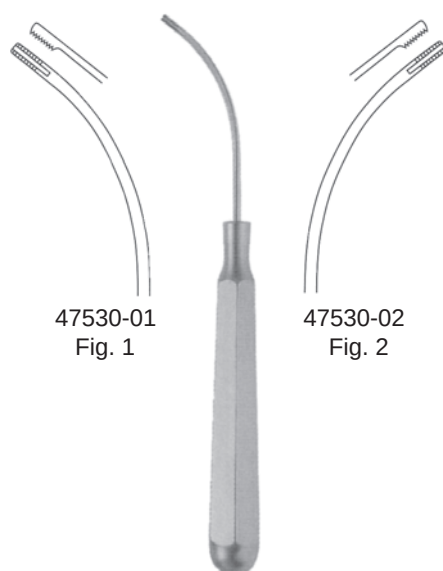


Kanüle für Sauggriff
Tip for Suction Handle
Cánula para mango de succion

ROSEN
10 cm, 4"

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

Knorpelfeile
Cartilage Files
Limas para el cartilago

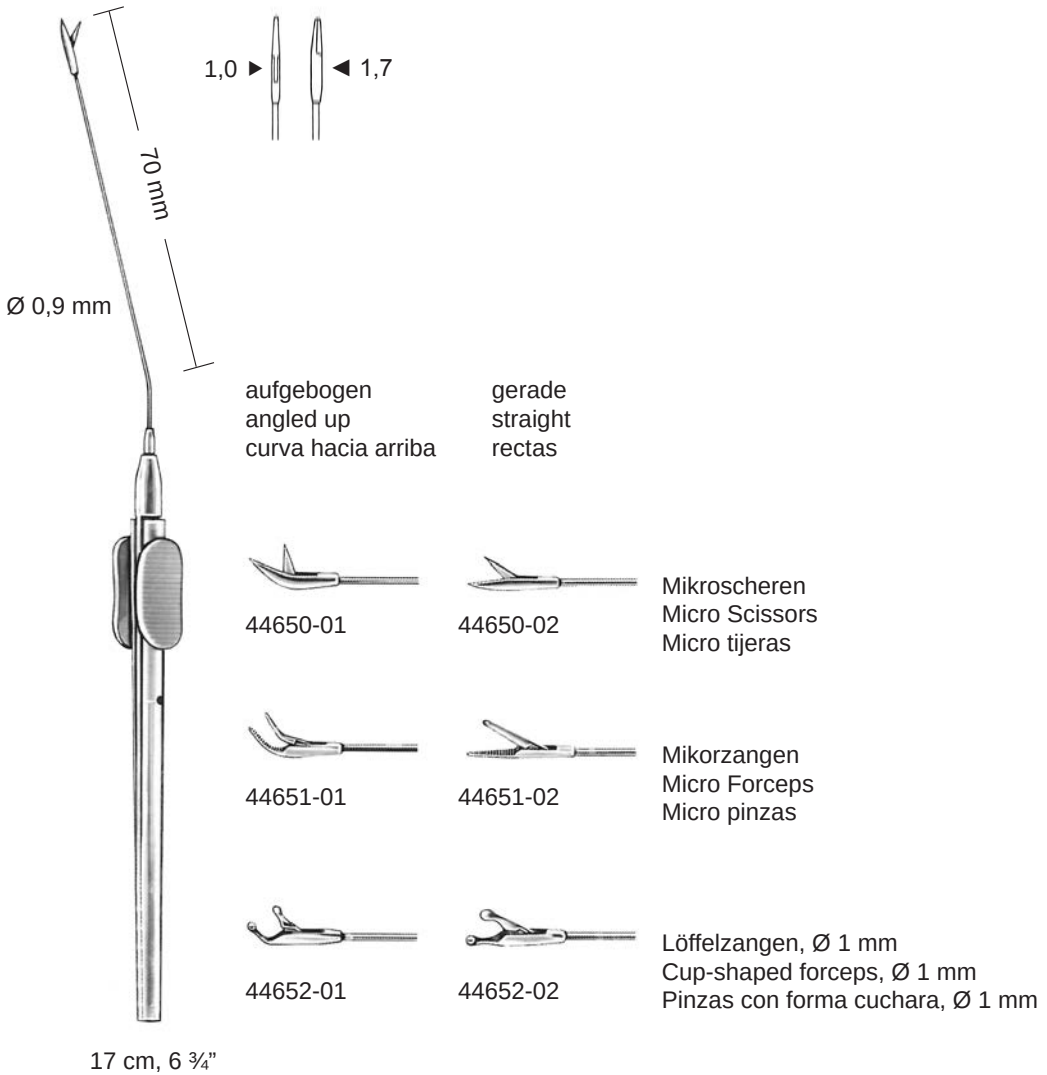


47530-01
Fig. 1

47530-02
Fig. 2

DINGMAN Set
47530-00 15 cm, 6"

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



Mikro Meßsonde
Micro Measuring Rod
Sonda para medir



HOUSE
16 cm, 6 1/4"



3,5 mm

45766-35



4 mm

45766-40



4,5 mm

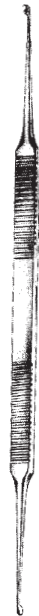
45766-45



5 mm

45766-50

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 Häkchen
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
mm
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

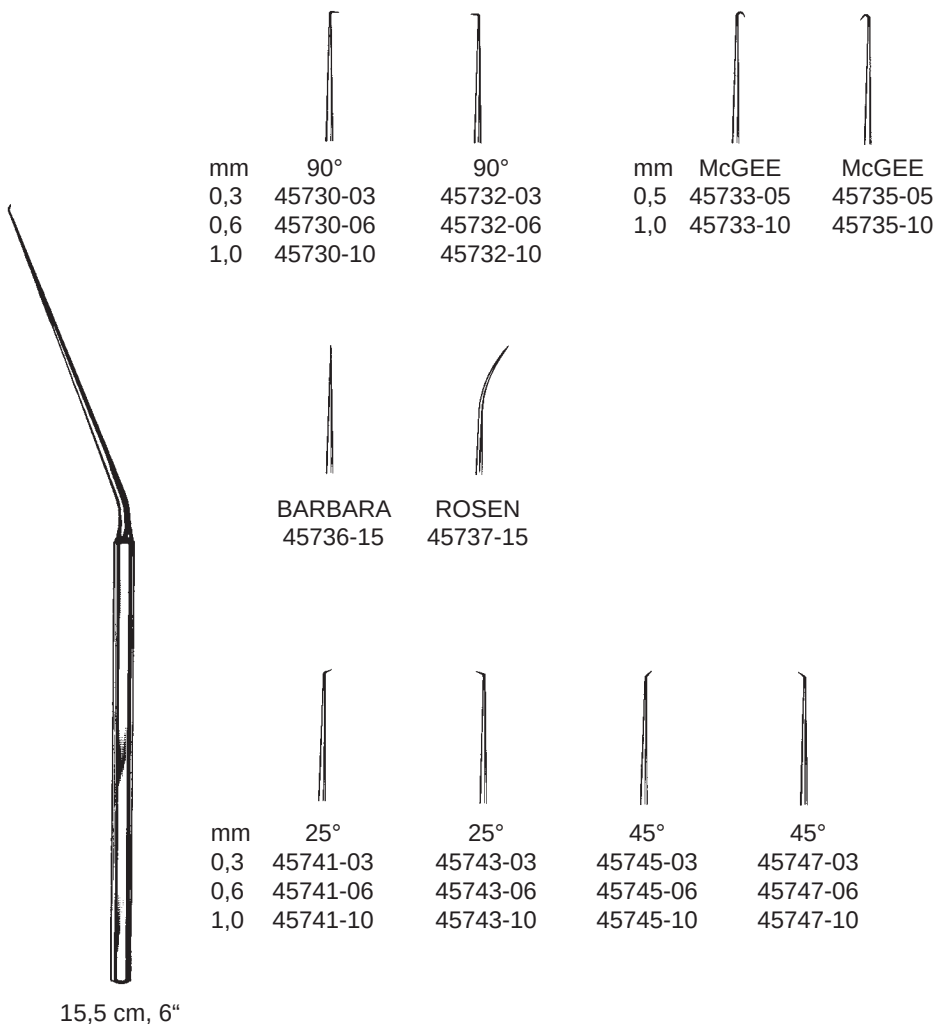


90°
SHAMBAUGH
45724-03
45724-04
45724-06
45724-08
45724-10
45724-12
45724-15
45724-20
45724-25



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

Nadeln und Häkchen
Needles and Hooks
Agujas y Ganchos



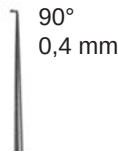
Häkchen
Hooks
Ganchitos



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 1/4"

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
Periostótomo

1,8 mm



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



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



16,5 cm, 6 ½"



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

**RHINOLOGIE
SINUSKOPIE**

**RHINOLOGY
SINUSCOPY**

**RINOLOGÍA
SINUSCOPIA**



www.Red-Instrumente.de

Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!

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

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

Nasenspekula
Nasal Specula
Espéculos nasales

selbsthaltend
self-retaining
autoestático



THUDICHUM
6,5 cm, 2 ½"



47050-01
Fig. 1



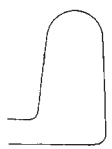
47050-02
Fig. 2



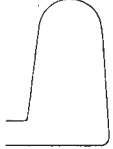
47050-03
Fig. 3



47050-04
Fig. 4



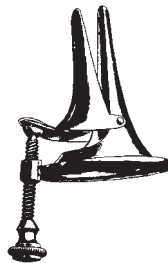
47050-05
Fig. 5



47050-06
Fig. 6



47050-07
Fig. 7



VOLTOLINI



47060-01



47060-02

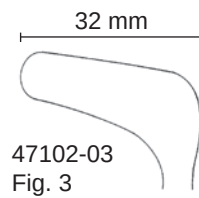
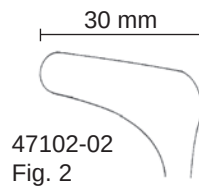
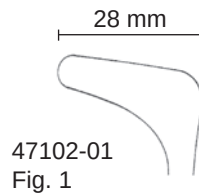


47060-03

Nasenspekula
Nasal Specula
Espéculos nasales



HARTMANN-HALLE
15 cm, 6"

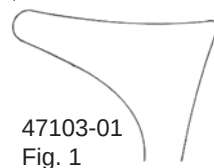


Nasenspekula
Nasal Specula
Espéculos nasales



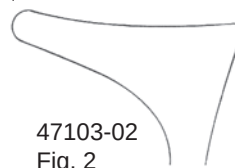
HARTMANN
16 cm, 6 ¼"

30 mm



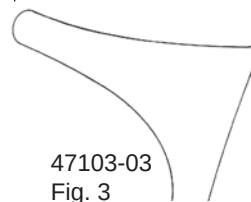
47103-01
Fig. 1

33 mm



47103-02
Fig. 2

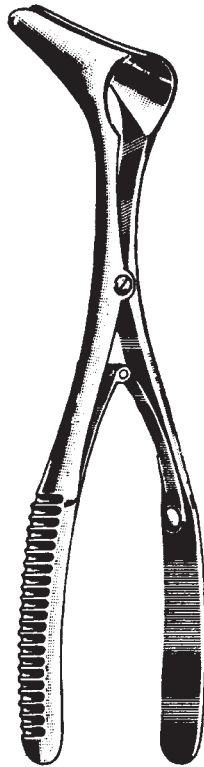
35 mm



47103-03
Fig. 3

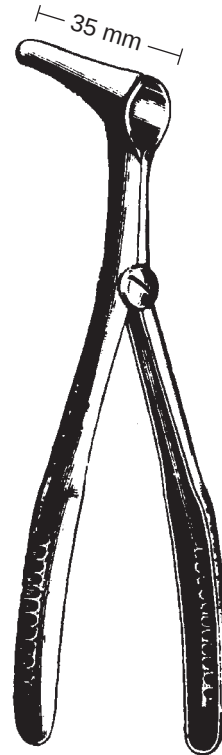
Nasenspekula
Nasal Specula
Espéculos nasales

leichtes Modell
lightweight
modelo ligero



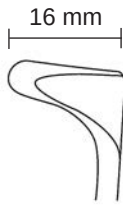
Mod. WIEN
14 cm, 5 ½"

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



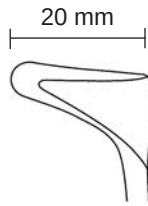
Mod. WIEN
14 cm, 5 ½"
47113-03

Nasenspekula
Nasal Specula
Espéculos nasales



47116-13

für Säuglinge
for babies
para bebés

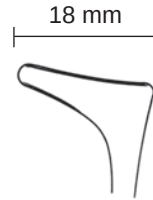


47116-14

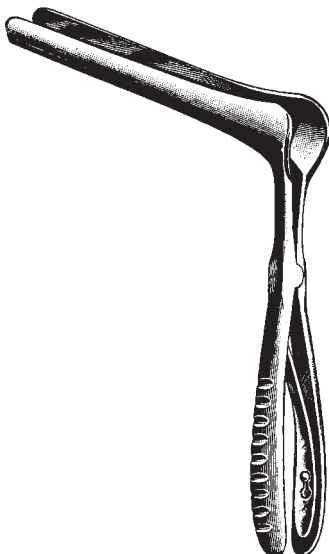
für Kleinkinder
for infants
para niños



TIECK-HALLE
13,5 cm, 5 3/4"



REDA
47118-13
12,5 cm, 5"



KILLIAN
13 cm, 5 1/8"



47120-35
35 mm

47120-50
50 mm

47120-75
75 mm

47120-90
90 mm

Nasenspekula
Nasal Specula
Espéculos nasales



KILLIAN
13 cm, 5 1/8"

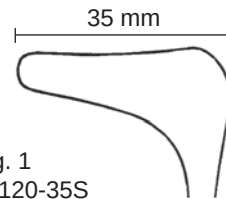


Fig. 1
47120-35S

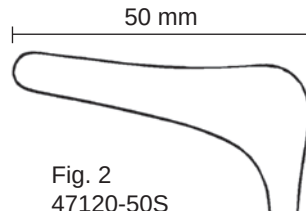


Fig. 2
47120-50S

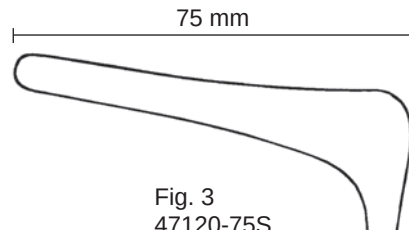


Fig. 3
47120-75S

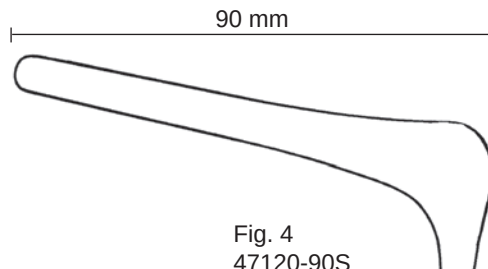


Fig. 4
47120-90S

Nasenspekula
Nasal Specula
Espéculos nasales



COTTLE
14 cm, 5 ½"

35 mm

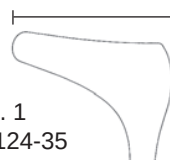


Fig. 1
47124-35

50 mm

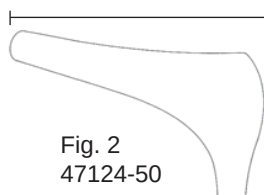


Fig. 2
47124-50

75 mm

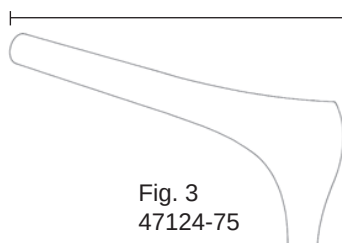


Fig. 3
47124-75

90 mm

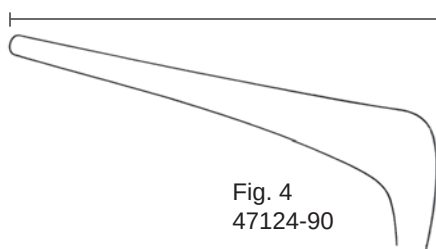
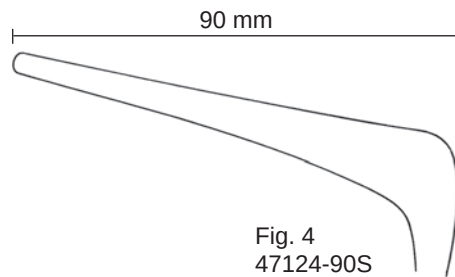
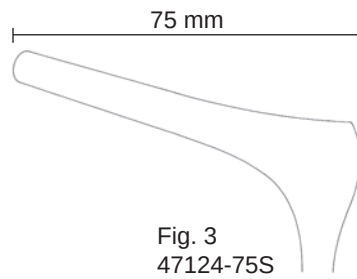
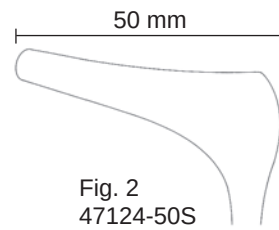
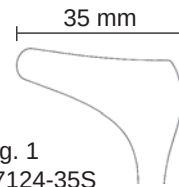


Fig. 4
47124-90

Nasenspekula
Nasal Specula
Espéculos nasales



COTTLE
14 cm, 5 ½"

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

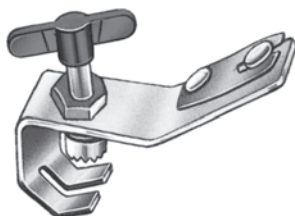


41850-41

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



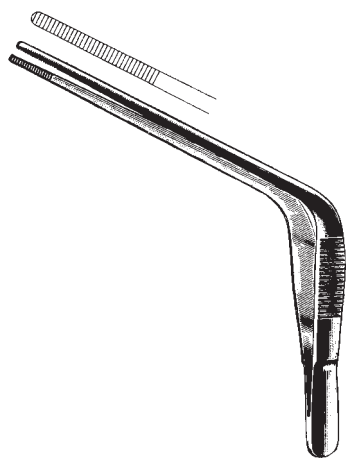
41842-44

Kupplungskopf, drehbar, zur Aufnahme von 1 flexiblenSpannarm 41810-10

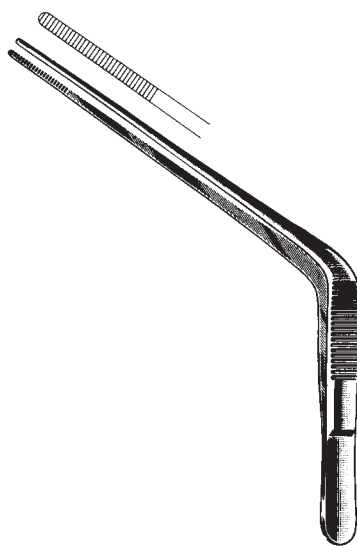
coupling head, turnable, to hold 1 flexible arm 41810-10

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"



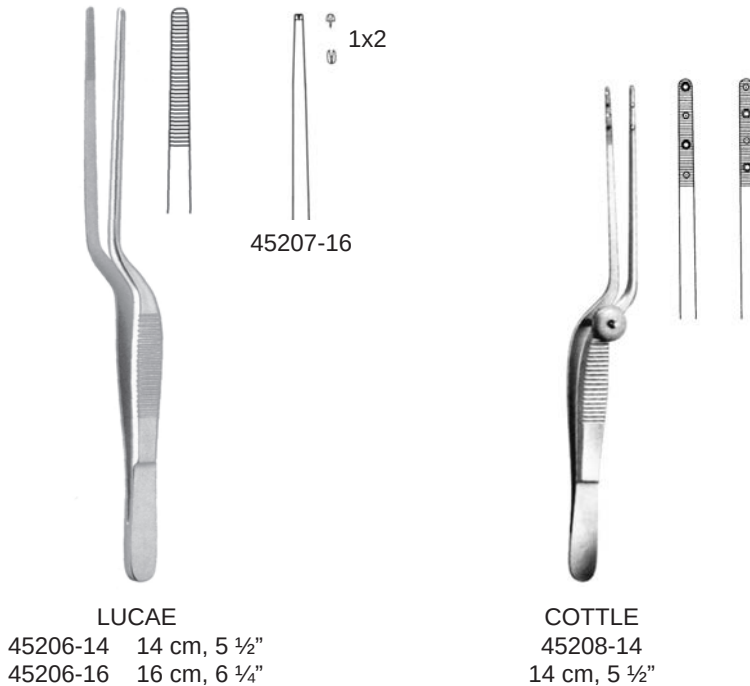
McINDOE
11258-15 15,0 cm, 6"
11259-15 TC 15,0 cm, 6"



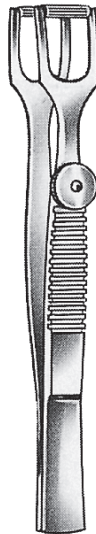
1x2

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

Nasenpinzetten
Nasal Forceps
Pinzas nasales



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"

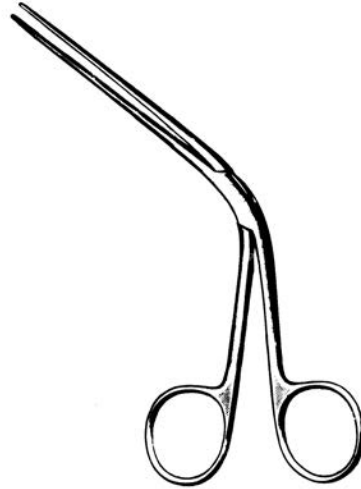


HARTMANN
47161-20 20 cm, 8"

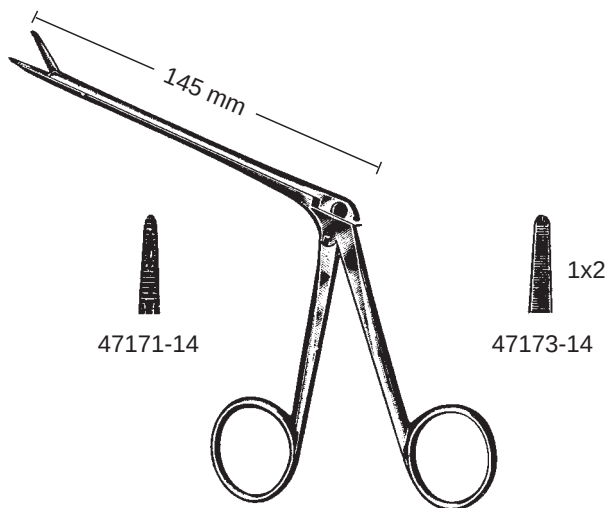
Nasentamponzangen
Nasal Dressing Forceps
Pinzas nasales para taponamiento



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"

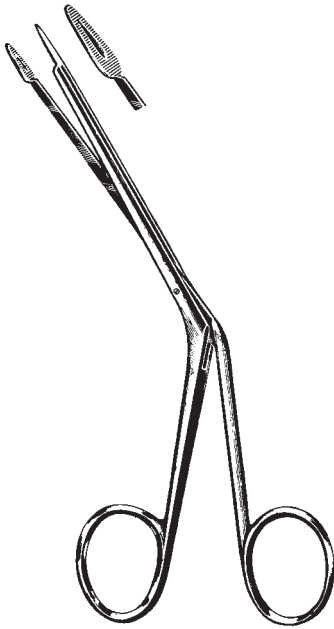


47171-14

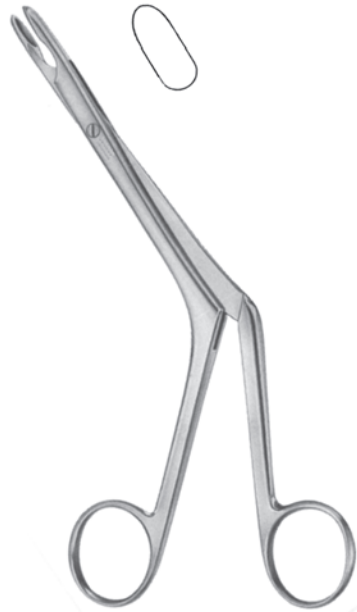
47173-14 1x2

NOYES
14,5 cm, 5 3/4"

Polypenzangen
Nasal Polypus Forceps
Pinzas para pólipos

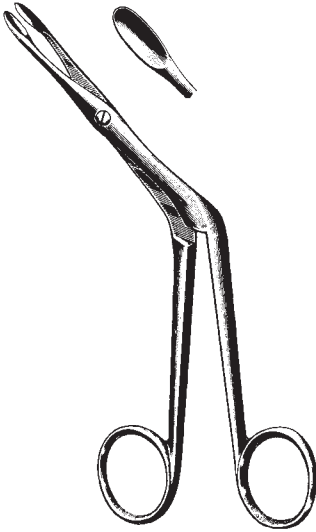


LITTAUER
47167-18
18 cm, 7"



HEYMANN-KNIGHT
47169-18
18 cm, 7"

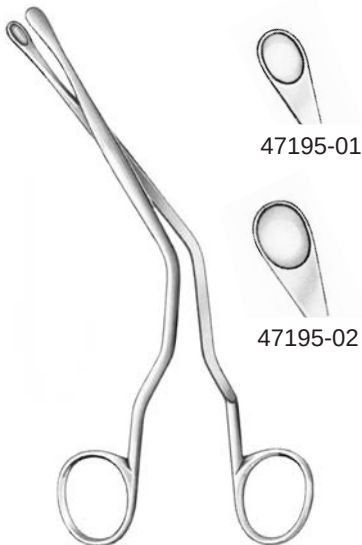
Nasen Septumzangen
Nasal Septum Forceps
Pinzas para el tabique nasal



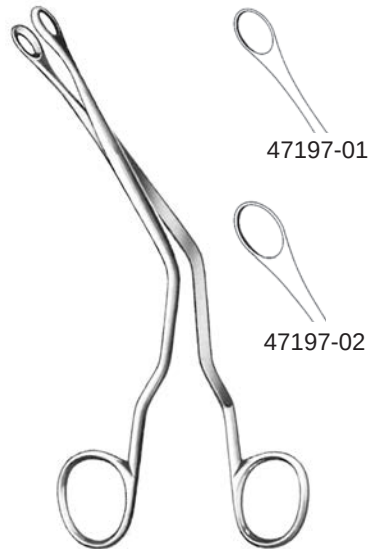
HEYMANN
47181-18
18 cm, 7"



KNIGHT
47185-18
18 cm, 7"



LUC
19 cm, 7 ½"



LUC
19 cm, 7 ½"

Nasen Septumzangen
Nasal Septum Forceps
Pinzas para el tabique nasal



BRUENINGS
19 cm, 7 ½"

Vomerzange
Vomer Forceps
Pinza para el vómer



CRAIG
47192-18
18 cm, 7"



CRAIG-DOMNICK
17 cm, 6 ¾"

Nasen Septumzangen
Nasal Septum Forceps
Pinzas para el tabique nasal



MIDDLETON-JANSEN
47323-19
19 cm, 7 ½"



MIDDLETON-JANSEN
47325-19
19 cm, 7 ½"

Septumrichtzangen
Septum Straightening Forceps
Pinza para enderezar el tabique nasal



ASCH
47571-23
23 cm, 9"



WALSHAM
47572-23
23 cm, 9"



47572-23
gerade
straight
recta



47573-23
links
left
izquierda



47575-23
rechts
right
derecha

Quetschzange
Morselizer Forceps
Pinza para aplastar



RUBIN
47251-21
21 cm, 8 ¼"

Polypenschnürer
Nasal Polypus Snares
Polipótomos

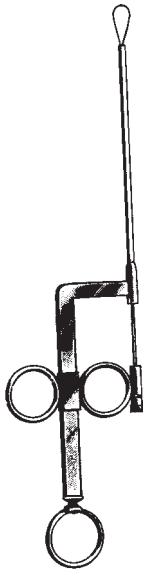


KRAUSE-VOSS
47350-26
26 cm, 10 1/4"



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

Polypenschnürer
Nasal Polypus Snares
Polipótomos



WILDE
47352-24
24 cm, 9 1/2"



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

47355-03 0,3 mm

Siebbeinzangen
Ethmoid Forceps
Pinzas para etmoides

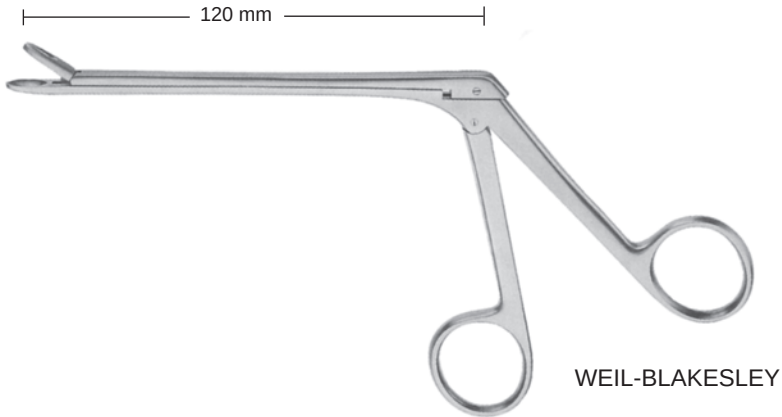
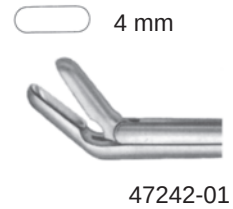
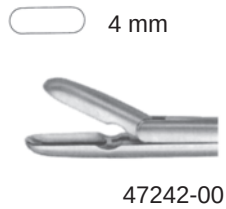
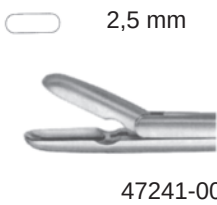
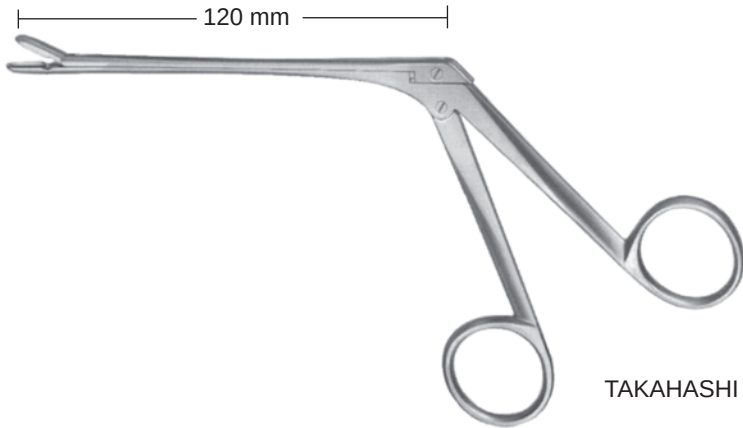
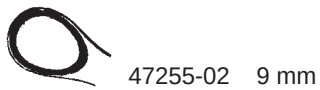
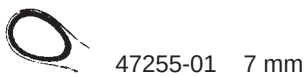
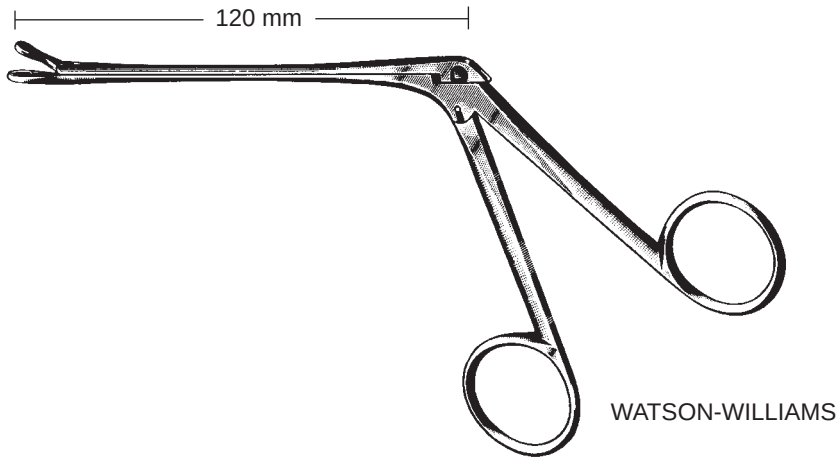


						
	Fig. 0	Fig.1	Fig. 2	Fig.3	Fig.4	Fig. 5
	47223-00 2,5 mm	47223-01 3,0 mm	47223-02 3,6 mm	47223-03 4,2 mm	47223-04 4,8 mm	47223-05 5,8 mm
	47224-00 2,5 mm	47224-01 3,0 mm	47224-02 3,6 mm	47224-03 4,2 mm	47224-04 4,8 mm	47224-05 5,8 mm
		47225-01 3,0 mm	47225-02 3,6 mm	47225-03 4,2 mm	47225-04 4,8 mm	

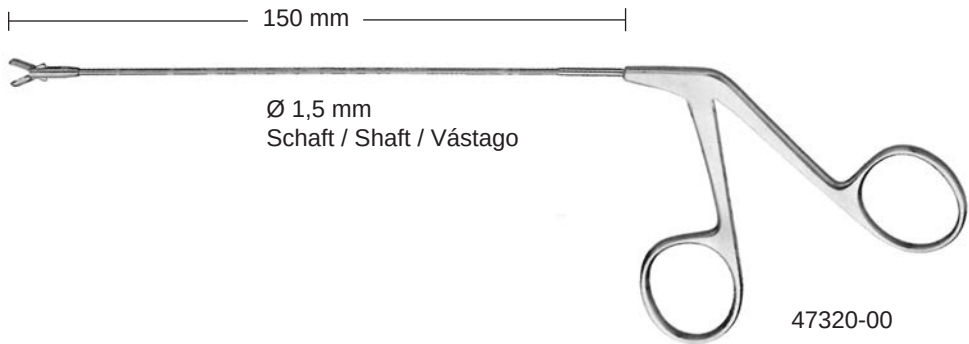
Siebbeinzangen
Ethmoid Forceps
Pinzas para etmoides



Siebbeinzangen
Ethmoid Forceps
Pinzas para etmoides



Nasenzange
Nasal Forcep
Pinza nasal

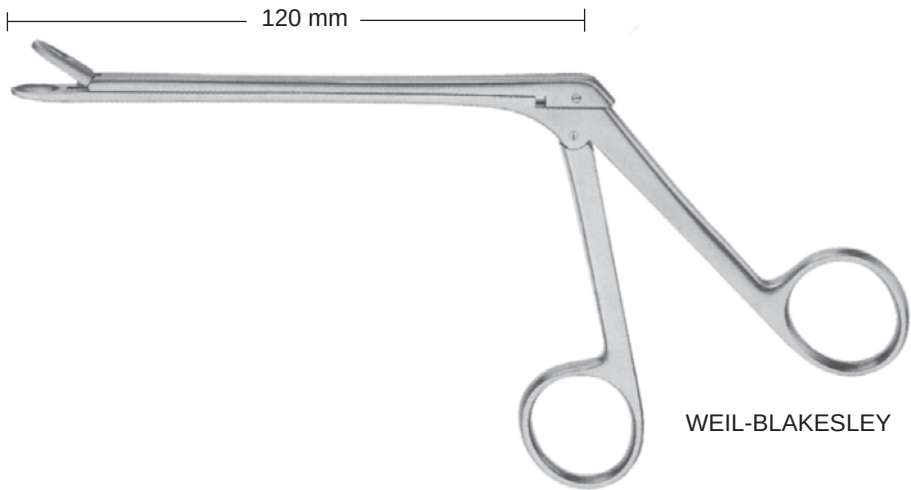


3 x 5 mm



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

Nasenzangen, durchschneidend
Nasal Cutting Forceps
Pinzas nasales cortantes



47226-01
2,0 mm



47226-02
2,5 mm



47226-03
3,0 mm

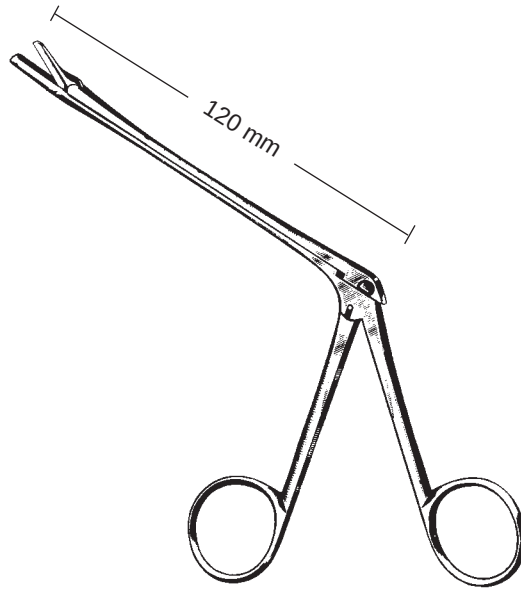


47227-01
2,0 mm

47227-02
2,5 mm

47227-03
3,0 mm

Nasenzangen, durchschneidend
Nasal Cutting Forceps
Pinzas nasales cortantes



STRUYCKEN
47240-19

○ 47235-05
5 mm

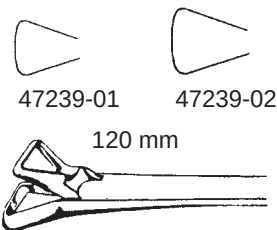
○ 47235-07
7 mm

○ 47235-09
9 mm

○ 47235-11
11 mm



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



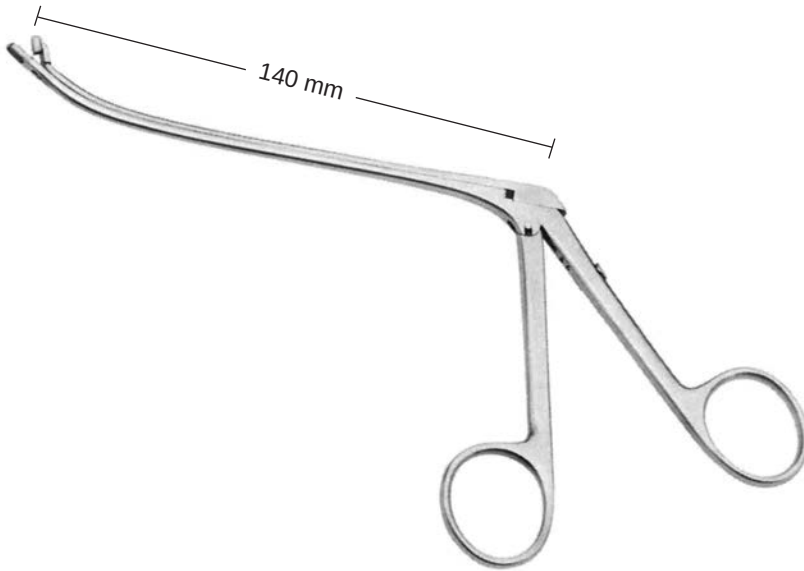
47230-05
 1,4 x 5 mm

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

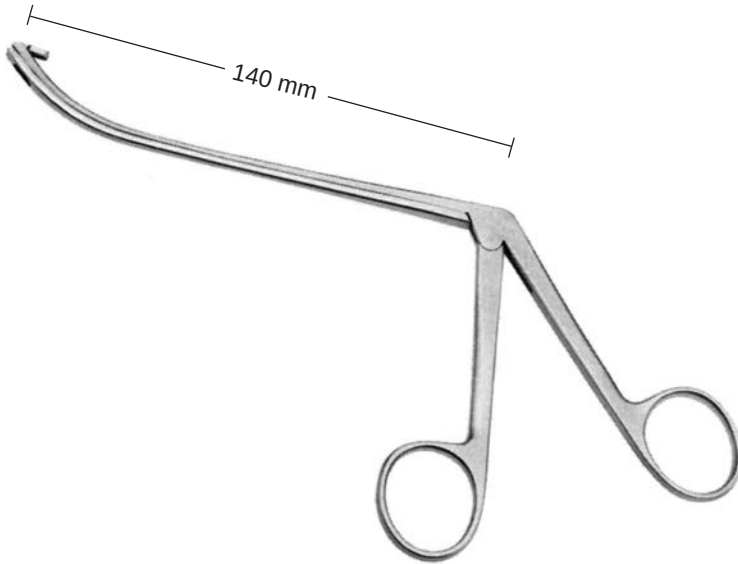
fein, aufgebogen
delicate, curved up
fina, curvada hacia arriba



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

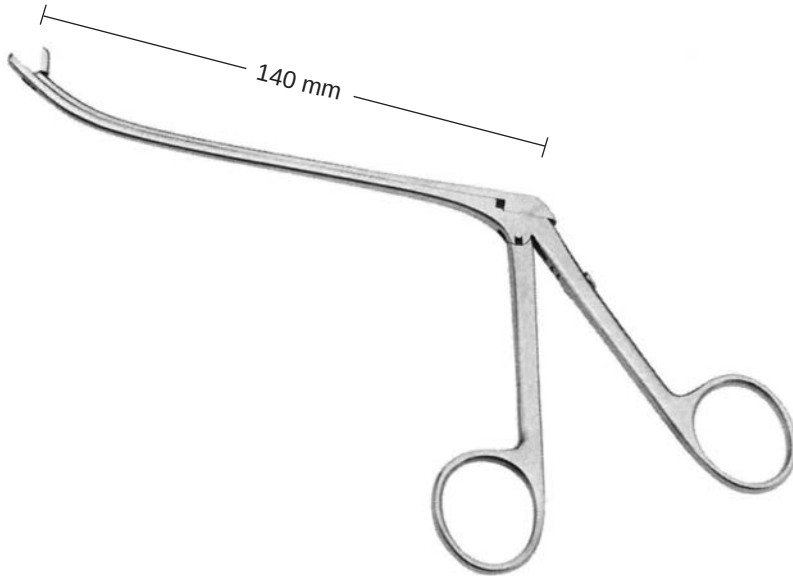
fein, gerade
delicate, straight
fina, recta



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

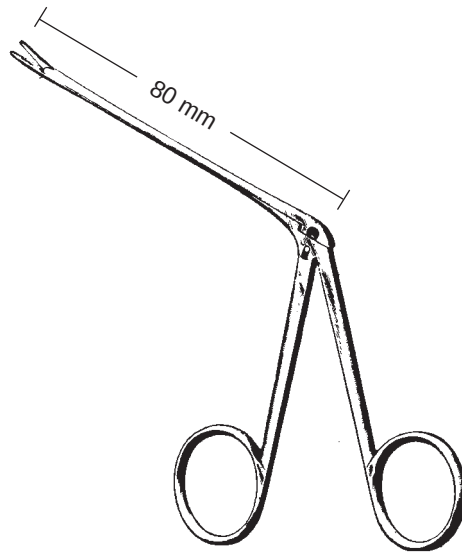
aufgebogen
curved up
curvada hacia arriba



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"



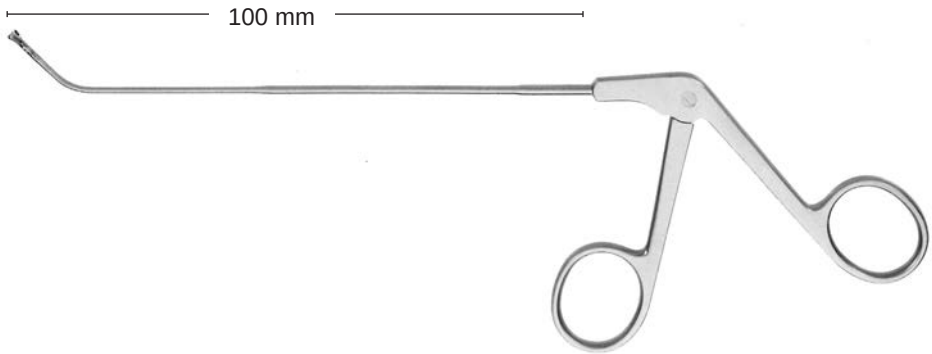
Ø mm	HARTMANN
2,0	45267-20 8,5 cm, 3.4"
2,5	45267-25 8,5 cm, 3.4"

○ 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



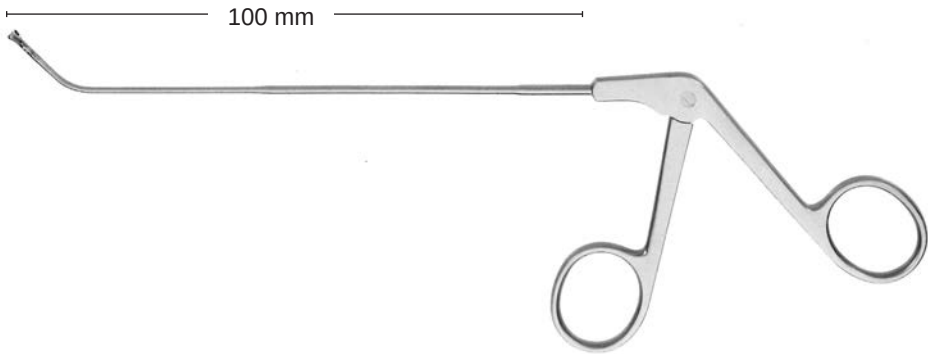
47324-02

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

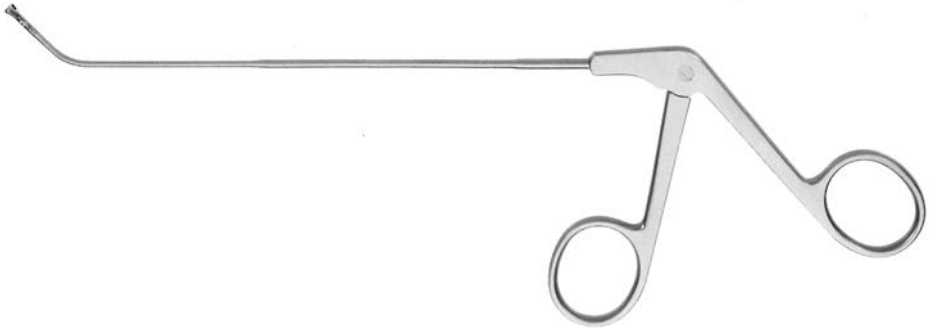


47324-04
90° rückwärts öffnend nach rechts
90° backward opening right
apertura de 90° hacia atrás hacia la derecha



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

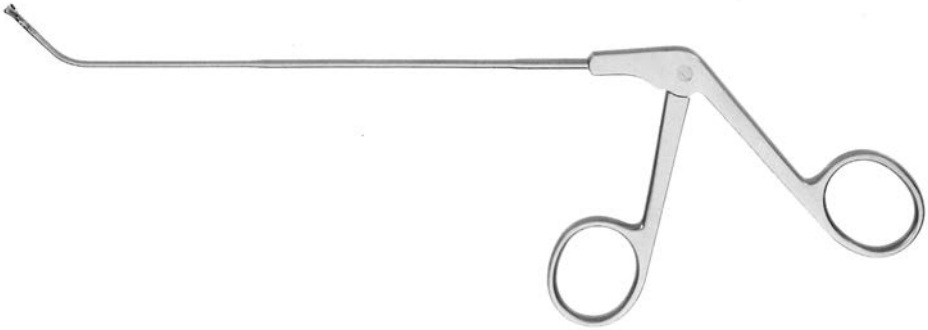
	70°	90°	110°
Ø 2 mm	47321-70	47321-90	47321-11
Ø 3 mm	47318-70	47318-90	47318-11
Ø 4 mm	47322-70	47322-90	47322-11



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

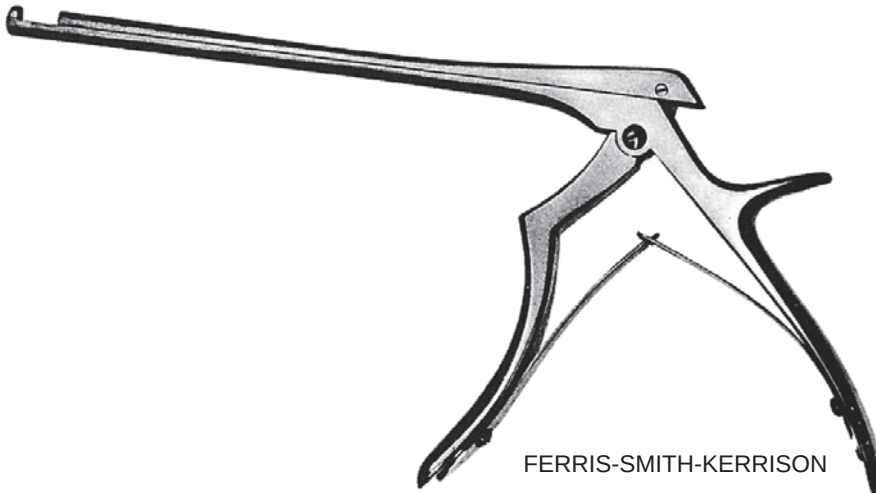
Maul gefenstert und gerade
Jaw fenestrated, straight
Boca fenestrada y recta

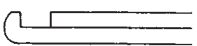
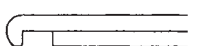
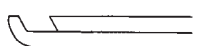
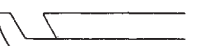
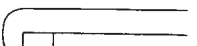
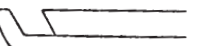
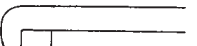
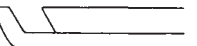
Schnitt / Cut / corte	3,0 mm	3,5 mm	4,0 mm
	47223-30	47223-35	47223-40
	47226-30	47226-35	47226-40

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



	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

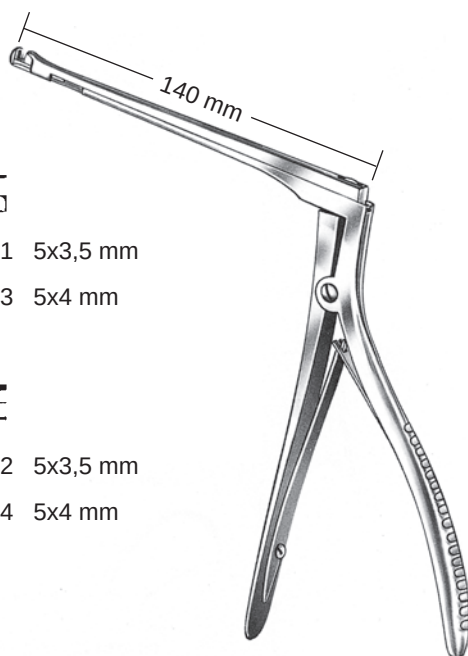
auch lieferbar mit Dünnpfuss
also available with thin foot plate
tambien disponible con lámina de punzonar estrecha

Stanzen
Punches
Pinzas



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

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



⌒ 47304-01 5x3,5 mm

⌒ 47304-03 5x4 mm



⌒ 47304-02 5x3,5 mm

⌒ 47304-04 5x4 mm

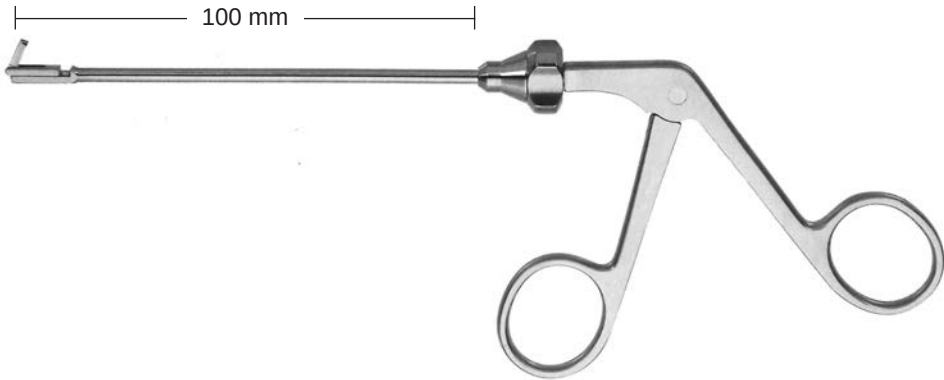
HAJEK-KOFLER

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

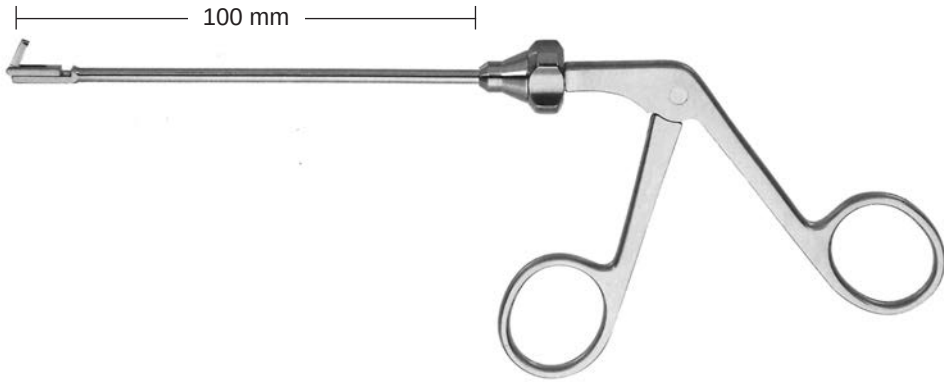


Ø 3,0 mm

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

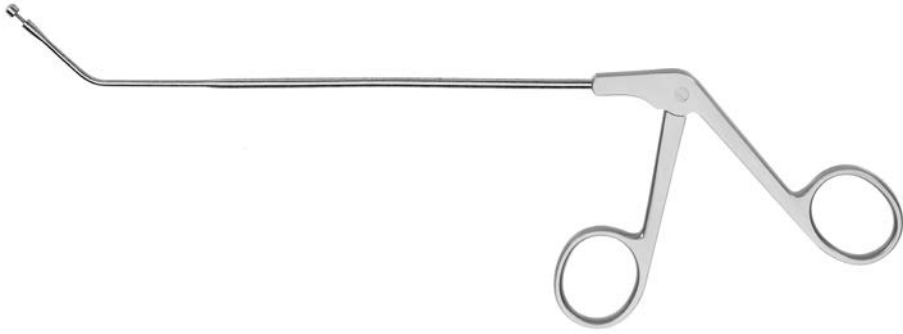


Ø 3,0 mm

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

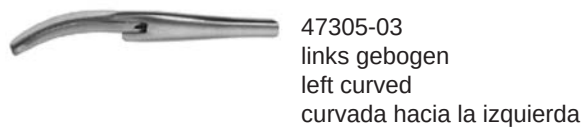
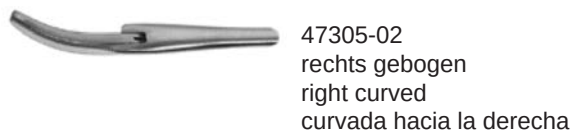
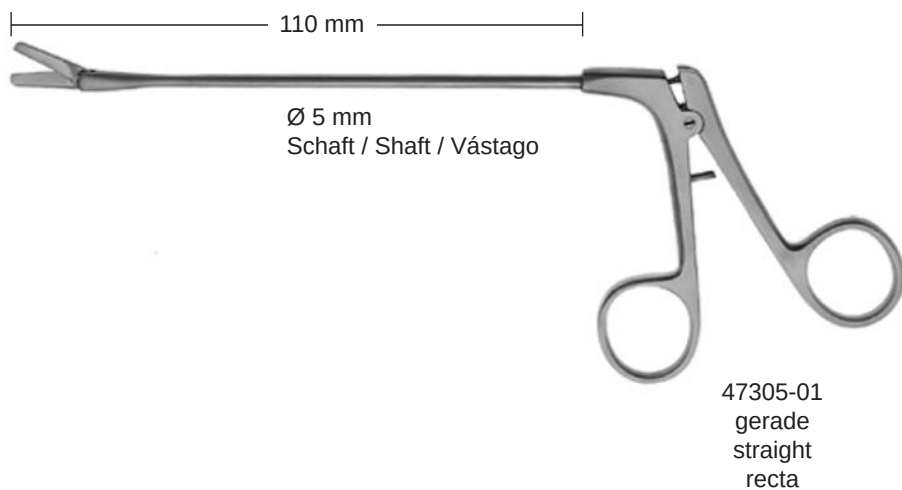
45° nach oben gebogen
45° curved upward
curvada hacia arriba en 45°

Ø 3,5 mm
Ø 4,5 mm

47319-35
47319-45

47320-35
47320-45

Nasenscheren
Nasal Scissors
Tijeras nasales



Präparierscheren
Dissecting Scissors
Tijeras de disección



METZENBAUM



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

Präparierscheren
Dissecting Scissors
Tijeras de disección



METZENBAUM



09270-15
09270-18

15 cm, 6"
18 cm, 7"



09271-15
09271-18

09274-15 TC
09274-18 TC

15 cm, 6"
18 cm, 7"

09275-15 TC
09275-18 TC



METZENBAUM-FINO



09282-15
09286-15 TC

15 cm, 6"
15 cm, 6"



09283-15
09287-15 TC

09282-18
09286-18 TC

18 cm, 7"
18 cm, 7"

09283-18
09287-18 TC

Präparierscheren
Dissecting Scissors
Tijeras de disección



SANVENERO



09302-14

14 cm, 5 1/2"



09303-14



JOSEPH



09304-14

14 cm, 5 1/2"



09305-14

Präparierscheren
Dissecting Scissors
Tijeras de disección

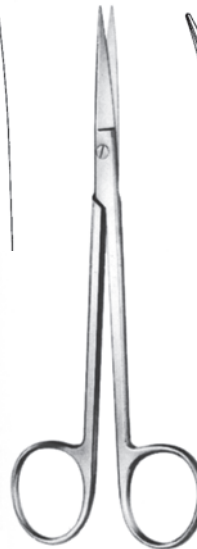


09310-12	12 cm, 4 $\frac{3}{4}$ "
09314-12 TC	12 cm, 4 $\frac{3}{4}$"
09995-12 SC	12 cm, 4 $\frac{3}{4}$"
09310-15	15 cm, 6"

KILNER (RAGNELL)

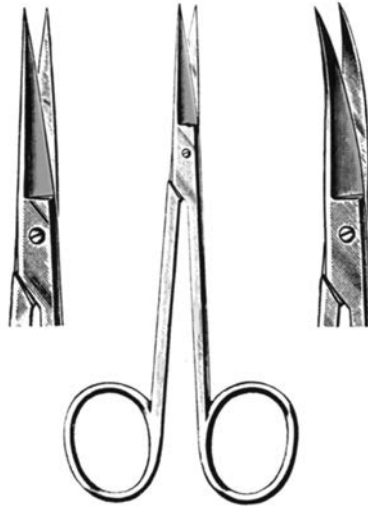


REYNOLDS (JAMESON)	
09321-15	15 cm, 6"
09993-15 SC	15 cm, 6"
09321-18	18 cm, 7"



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



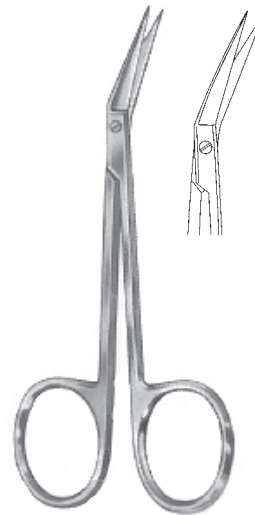
IRIS

09340-09	9 cm, 3 1/2"	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



KNAPP
10 cm, 4"



09348-01



09348-02



09348-03



09348-04



09348-05



09348-06

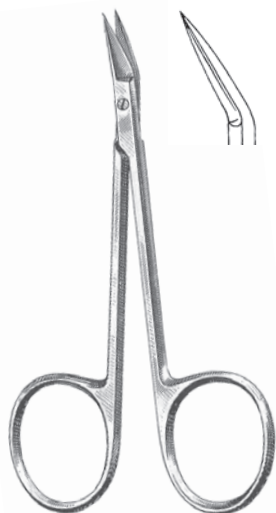
Feine Scheren
Delicate Scissors
Tijeras finas



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



GRAEFE
09350-10
10 cm, 4"

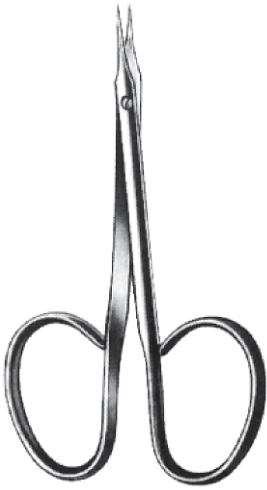


CONVERSE/WILMER/WALTER
09352-10
10 cm, 4"



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

Feine Scheren
Delicate Scissors
Tijeras finas



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



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

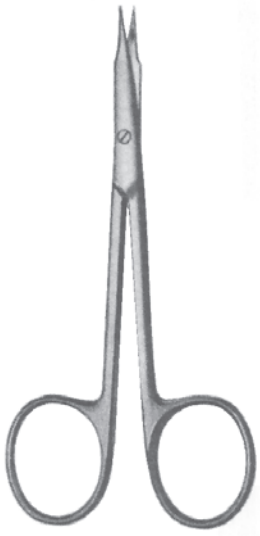


— 09354-10 10 cm, 4" 09355-10



— 09356-10 10 cm, 4" 09357-10

Feine Scheren
Delicate Scissors
Tijeras finas



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

spitz
sharp
aguda



09360-11
09984-11SC



09361-11
09985-11 SC

stumpf
blunt
roma



09362-11



09363-11



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

Feine Scheren
Delicate Scissors
Tijeras finas



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



09828-12



09826-12



09824-12
09982-12SC



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



09823-12



09829-12



09825-12
09983-12 SC

Nasenschere
Nasal Scissors
Tijeras nasales



HEYMAN
09401-18 18 cm, 7"



FOMON
09403-15 15 cm, 6"



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



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



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

Fadenscheren
Stitch Scissors
Tijeras para hilos



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

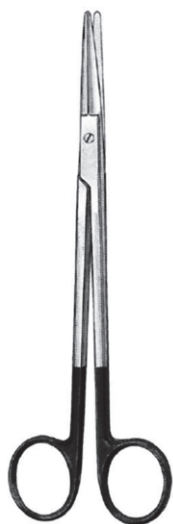


LITTAUER
09804-14
14 cm, 5 ½"



O`BRIEN
09805-09
9 cm, 3 ½"

Face Lift Scheren
Face Lift Scissors
Face Lift tijeras



GORNEY
19 cm, 7 1/2"

10010-19

10012-19 TC

10014-19 SC

10011-19

10013-19 TC

10015-19 SC



GORNEY-FREEMAN

10061-19

10061-19 TC

10061-19 SC

19 cm, 7 1/2"

19 cm, 7 1/2"

19 cm, 7 1/2"

10061-23

10061-23 TC

10061-23 SC

23 cm, 9"

23 cm, 9"

23 cm, 9"

Face Lift Scheren
Face Lift Scissors
Face Lift tijeras



KAYE

10028-14 TC	14 cm, 5 ½"	10029-14 TC
10034-14 SC	14 cm, 5 ½"	10035-14 SC
10030-18 TC	18 cm, 7"	10031-18 TC
10036-18 SC	18 cm, 7"	10037-18 SC
10032-23 TC	23 cm, 9"	10033-23 TC
10038-23 SC	23 cm, 9"	10039-23 SC



PECK-JOSEPH

10044-14	14,5 cm, 5 ¾"	10045-14
10048-14 SC	14,5 cm, 5 ¾"	10049-14 SC



BEUSE

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

Blepharoplastik Scheren
Blepharoplasty Scissors
Tijeras para blefaroplastia



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



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

Mikro Scheren
Micro Scissors
Micro tijeras



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

10202-11

10203-11

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

10202-14
10202-14T

10203-14
10203-14T

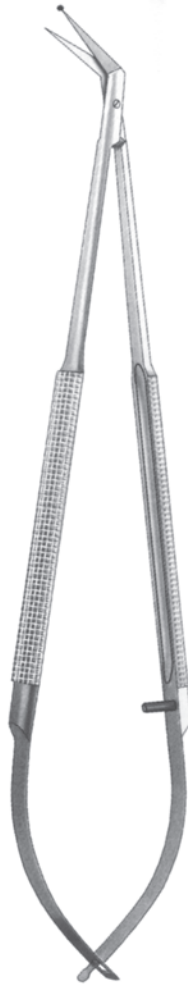
18 cm, 7"

10202-18
10202-18T

10203-18
10203-18T

T= Titan, titanium, titanio

Mikro Scheren
Micro Scissors
Micro tijeras



18 cm, 7"



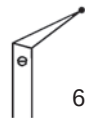
25°

10220-25
10220-25T



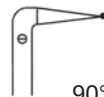
45°

10220-45
10220-45T



60°

10220-60
10220-60T



90°

10220-90
10220-90T

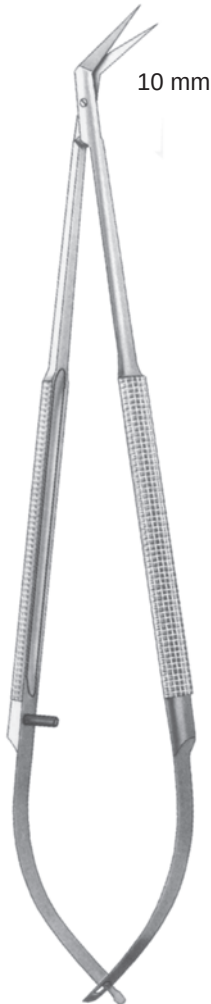


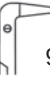
125°

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

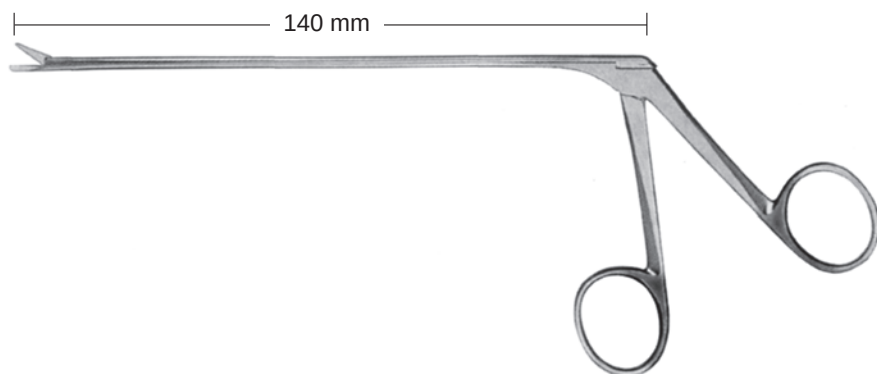
T= Titan, titanium, titanio

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 ½"



MC INDOE
33283-17
17 cm, 6 ¾"

Nadelhalter
Needle Holders
Porta-agujas



DERF
25110-12 12 cm, 4 $\frac{3}{4}$ " 25114-12 TC



WEBSTER
25128-13 13 cm, 5 $\frac{1}{8}$ "
25129-13 TC 13 cm, 5 $\frac{1}{8}$ "

BABY-WEBSTER
25136-11 11 cm, 4 $\frac{3}{8}$ "
25137-11 TC 11 cm, 4 $\frac{3}{8}$ "



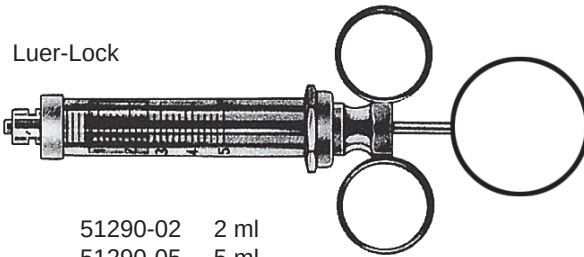
HALSEY
25130-13 13 cm, 5 $\frac{1}{8}$ " 25140-13
25134-13 TC 13 cm, 5 $\frac{1}{8}$ " 25144-13 TC



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

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

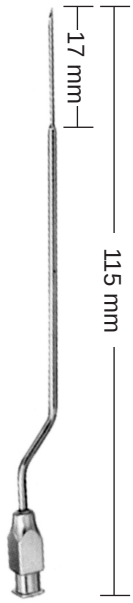
Luer-Lock



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



51291-00
2,5 mm Ø



51293-00
0,8 mm Ø



51292-00



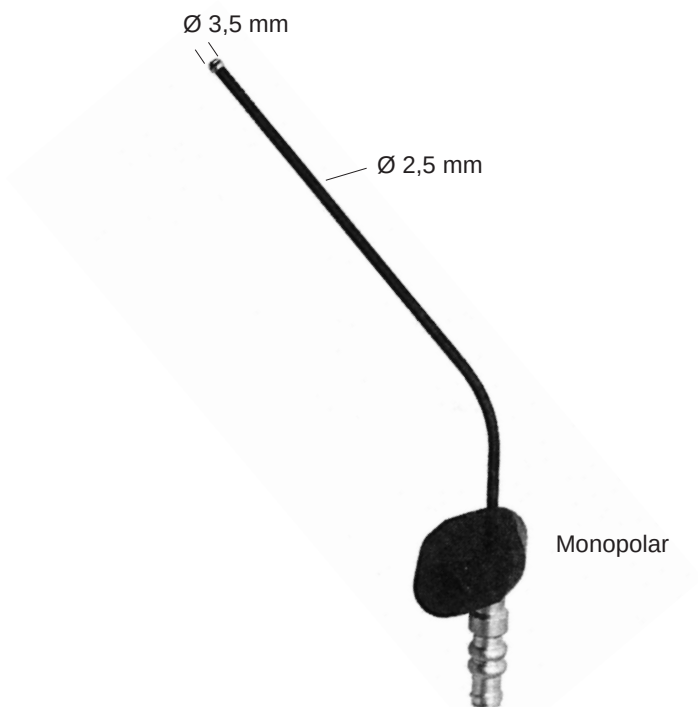
51293-45
45°



51293-90
90°

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 ¼"
Working length 26 cm, 10 ¼"
Largo útil 26 cm, 10 ¼"

Kabelanschluß männlich
Cable connector male
Conexion del cable macho

Spülkanülen
Irrigating Tubes
Canulas irrigadoras



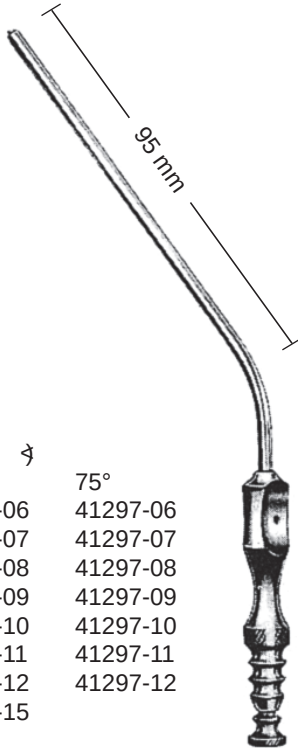
EICKEN (KILLIAN)
14,5 cm, 5 ¾"
Ø

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



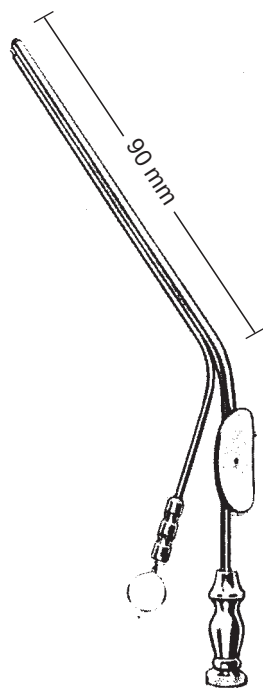
Charr.	30°	75°
F.G.		
6	41295-06	41297-06
7	41295-07	41297-07
8	41295-08	41297-08
9	41295-09	41297-09
10	41295-10	41297-10
11	41295-11	41297-11
12	41295-12	41297-12
15	41295-15	

FRAZIER/FERGUSSON
19 cm, 7 1/2"



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

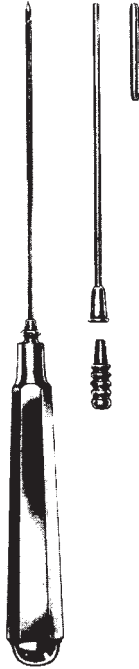
Saugrohre
Suction Tubes
Tubos de aspiración



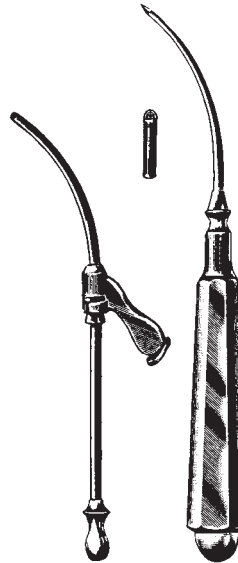
HOUSE
9 cm, 3 ½"

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

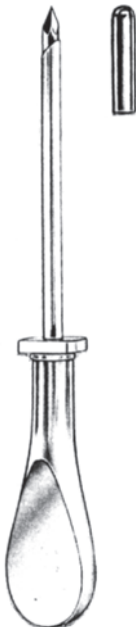
Trokare
Trocars
Trócares



LICHTWITZ
23128-19 1,75 mm Ø



COAKLEY
23140-02 2,25 mm Ø



SINOSKOPIE TROKAR
Universal
8,5 cm, 3.4"

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

Nasenmesser
Nasal Knives
Bisturies nasales



JOSEPH
16 cm, 6 1/4"



47370-16 47371-16
stumpf, blunt,
romos



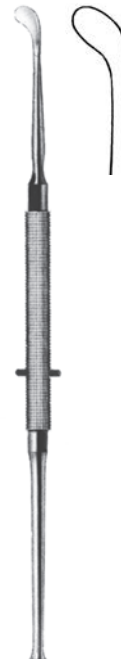
47372-16 47373-16
spitz, pointed,
agudos



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

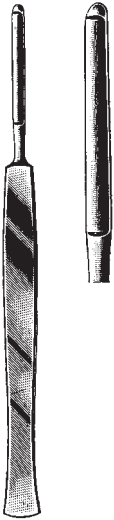


JOSEPH
47375-16
16,5 cm, 6 1/2"

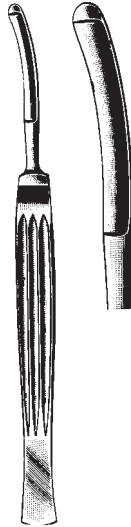


FREER
47375-19
19 cm, 7 1/2"

Nasenplastik- und Operationsmesser, Sichelmesser
 Rhinoplastic and Nasal Knives, Septum Sickle Knives
 Bisturios para plastica y operaciones de la nariz, Bisturios 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"



REDA
 19 cm, 7 1/2"



47386-01
 spitz
 pointed
 agudo



47386-02
 stumpf
 blunt
 romo

Schwingmesser
Septum Swivel Knives
Bisturies 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 $\frac{3}{4}$ "



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

Dermatome
Dermatome
Dermàtomos



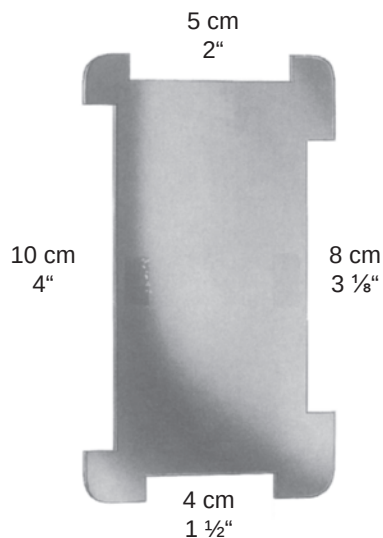
SCHINK
07490-00
30 cm, 11 3/4"

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 ¼"



SILVER
07498-00
19 cm, 7 ½"



WATSON
07499-00
30 cm, 11 ¾"

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

07496-31

07296-00

07499-01

Septum Elevatoren
Septum Elevators
Elevadores para el tabique



McKENTY
15 cm, 6"



47410-04
4 mm



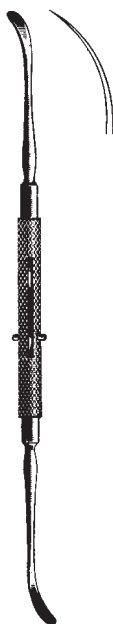
47410-05
5 mm



HALLE
47410-16
16,5 cm, 6 ½"



JOSEPH
47411-16
16 cm, 6 ¼"



ROGER
47413-19
19 cm, 7 ½"



5 mm



5 mm

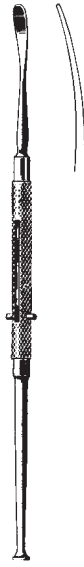


MASING
47414-21
21 cm, 8"

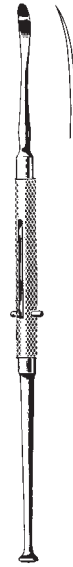
Septum Elevatoren
Septum Elevators
Elevadores para el tabique



FREER
47415-18
18 cm, 7"



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



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



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 3/4"



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



COTTLE
47421-23
23 cm, 9"

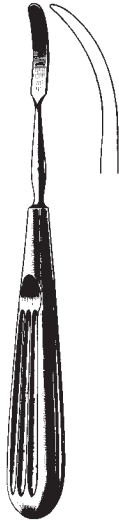


COTTLE JOSEPH
47422-22
22 cm, 8 3/4"



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

Septum Elevatoren
Septum Elevators
Elevadores para el tabique



COTTLE
47424-16
16 cm, 6 1/4"



COTTLE
47425-19
19 cm, 7 1/2"



KILLIAN
47426-22
22 cm, 8 3/4"



HAJEK-BALLENGER
47428-21
22 cm, 8 3/4"



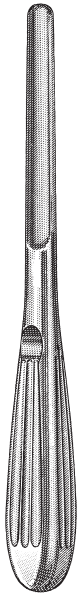
BALLENGER
47430-22
22 cm, 8 3/4"

Elevatoren
Elevators
Elevadores

Nasenfraktur-Elevator
Nasal fracture elevator
Elevador para fracturas nasales

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

9 mm



BOIES
33720-19
19 cm, 7 ½"

6 mm



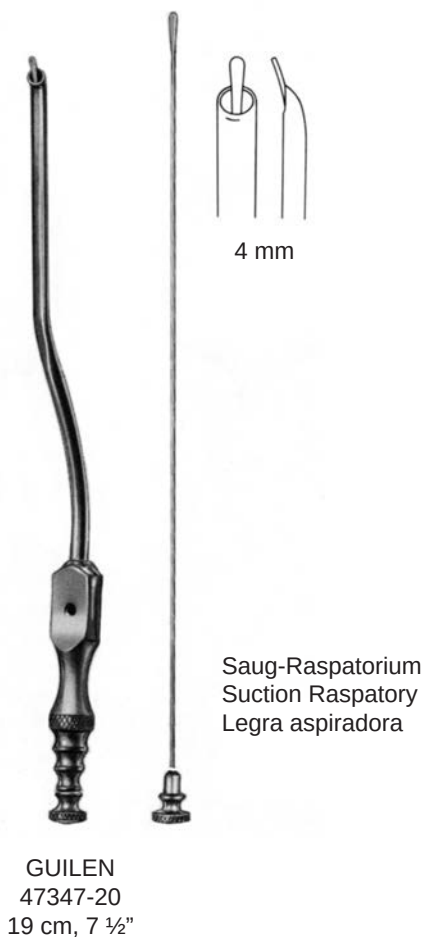
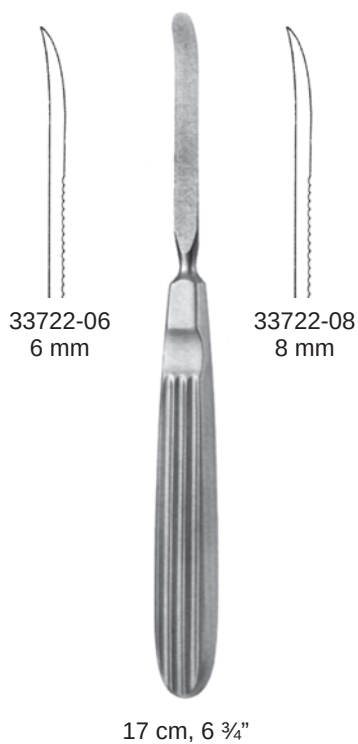
SEWALL
47412-20
20 cm, 8"

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

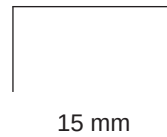
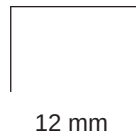
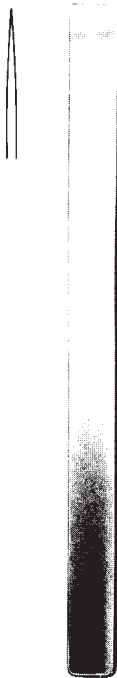


33660-15
15 mm

33660-20
20 mm

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

Osteotome
Osteotomes
Osteotomo



MINI-LAMBOTTE

12,5 cm, 5"	mm	17 cm, 6 ¾"
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 plàstica nasal



47454-04
4 mm



47454-07
7 mm



47454-09
9 mm



47454-12
12 mm

COTTLE
18 cm, 7"



6 mm

COTTLE
47455-06
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



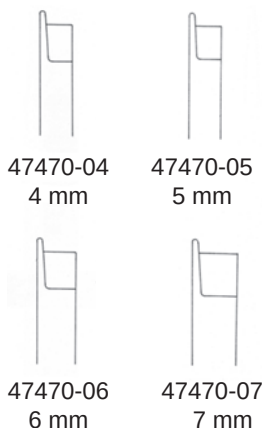
47460-12
12 mm

COTTLE
18 cm, 7"

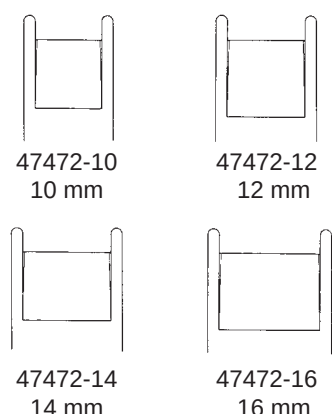
Septum Meißel
Rhinoplastic Chisels
Cinceles para la plàstica nasal



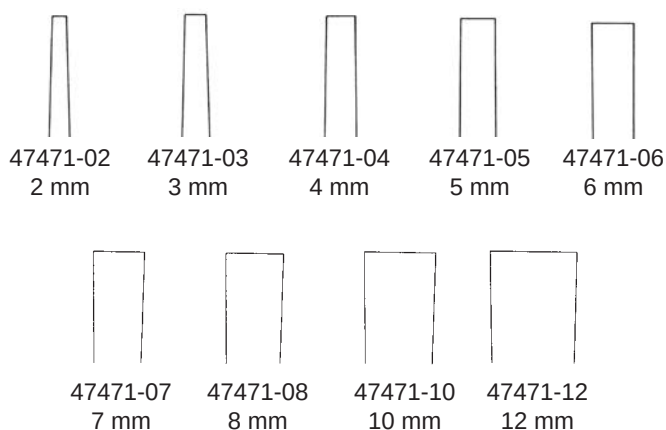
FOMON
17 cm, 6 3/4"



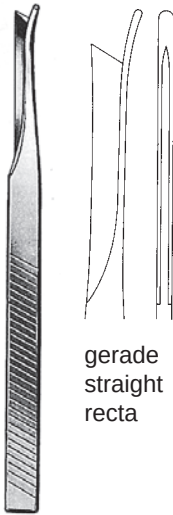
CINELLI
16 cm, 6 1/4"



SHEEHAN
16 cm, 6 1/4"

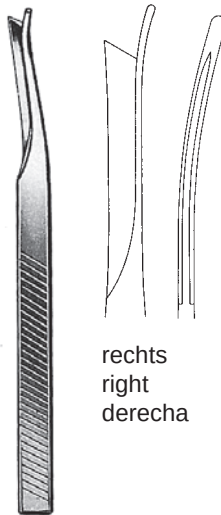


Septum Meißel, Osteotom
Rhinoplastic Chisels, Osteotomes
Cinceles para la plàstica nasal, Osteótomos



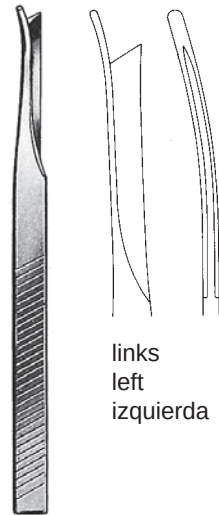
gerade
straight
recta

SILVER
47473-01
18 cm, 7"



rechts
right
derecha

SILVER
47473-02
18 cm, 7"



links
left
izquierda

SILVER
47473-03
18 cm, 7"



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



47474-03

gerade
straight
recta



47474-01

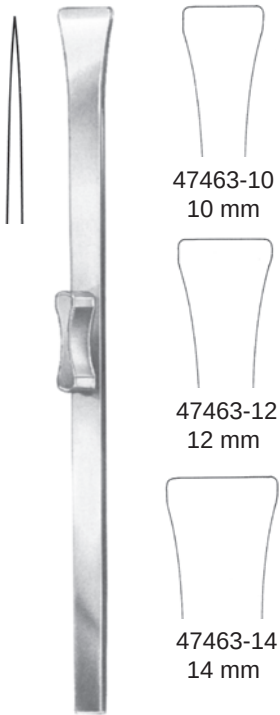
rechts
right
derecha



47474-02

links
left
izquierda

Osteotome
Osteotomes
Osteotomos



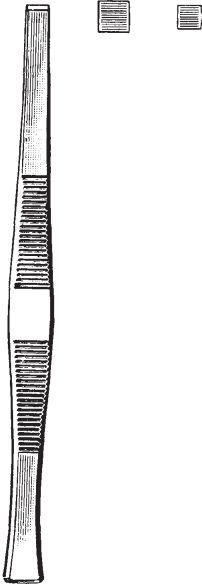
RUBIN
18,5 cm, 7 ¼"



OBWEGESER
18,5 cm, 7 ¼"

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

Meißel
Chisels
Cinceles



PASSOW
12 cm, 4 $\frac{3}{4}$ "
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 3/4"



HAJEK
16 cm, 6 1/4"

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



WEST
47486-16
16 cm, 6 1/4"



WEST
47487-16
16 cm, 6 1/4"

6 mm



FREER
47489-16
16 cm, 6 1/4"

Knorpelquetscher
Cartilage Crusher
Machacadora de cartilago



COTTLE
47461-00 7,5 cm, 3"

Nasenraspeln
Nasal Rasps
Escofinas nasales



JOSEPH
47502-16 16 cm, 6 ¼"



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 ½" 47523-02



GLABELLA
47524-01 21 cm, 8 ¼"

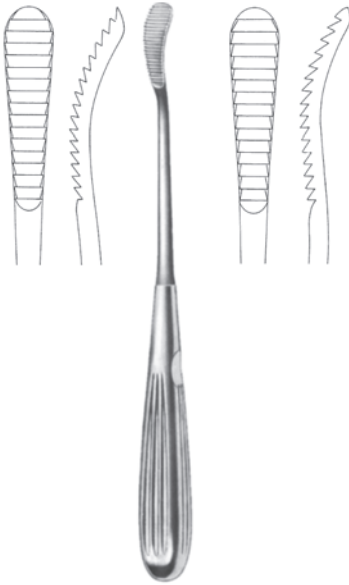
47525-20
fein, 20 Zähne
fine, 20 teeth
fina, 20 dientes



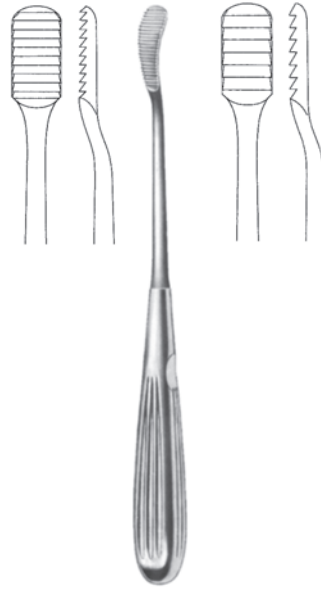
PARKES
21 cm, 8 ¼"

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

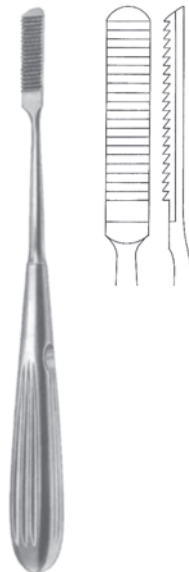
Nasenraspeln
Nasal Rasps
Escofinas nasales



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

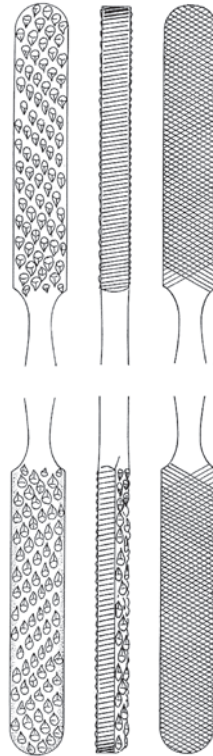


JOSEPH (LEWIS)
47514-16 18 cm, 7" 47516-16



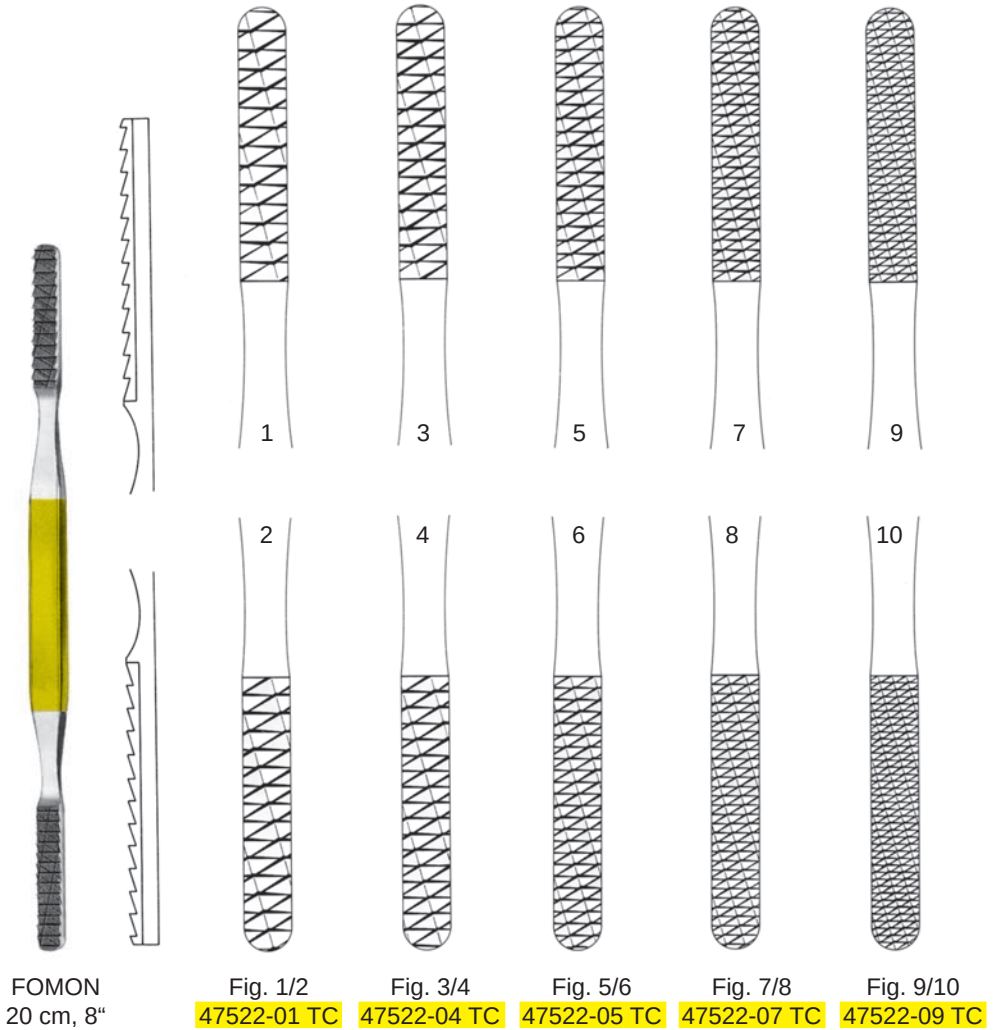
MALTZ (COTTLE)
47518-21 21 cm, 8 ¼"

Nasenraspel
Nasal Rasp
Escofina nasal



FOMON
47520-21
21 cm, 8 ¼"

Nasenraspeln
Nasal Rasps
Escofinas nasales



Nasenraspeln
Nasal Rasps
Escofinas nasales



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



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

Nasenraspeln
Nasal Rasps
Escofinas nasales



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



Fig. 1
47526-16

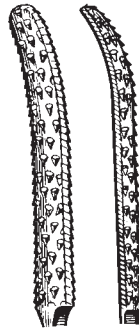


Fig. 2
47527-16

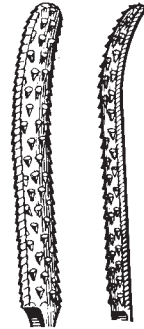
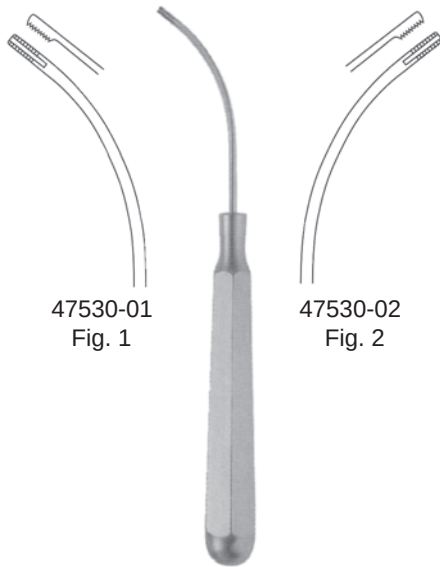


Fig. 3
47529-16

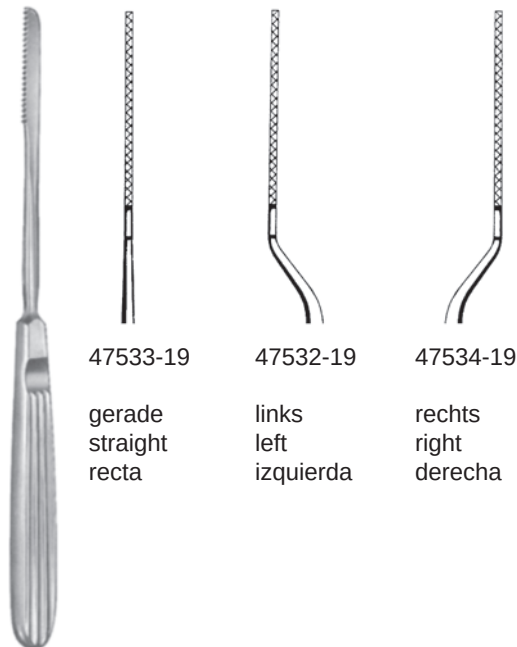
Nasenraspeln, Nasensägen
 Nasal Rasps, Nasal Saws
 Escofinas nasales, Sierras nasales



47530-01
 Fig. 1

47530-02
 Fig. 2

DINGMAN Set
 47530-00
 15 cm, 6"



47533-19
 gerade
 straight
 recta

47532-19
 links
 left
 izquierda

47534-19
 rechts
 right
 derecha

JOSEPH
 19 cm, 7 1/2"

Nasensägen
Nasal Saws
Sierras nasales

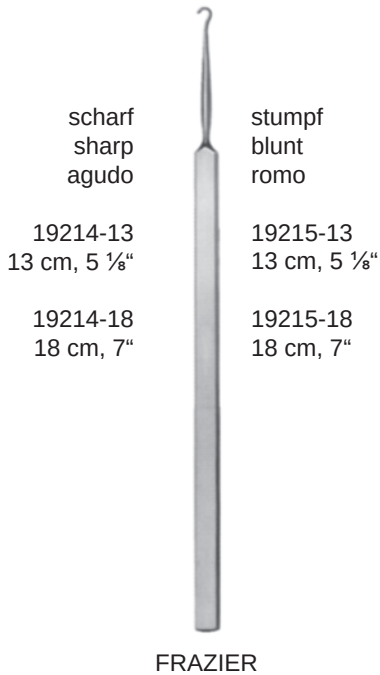
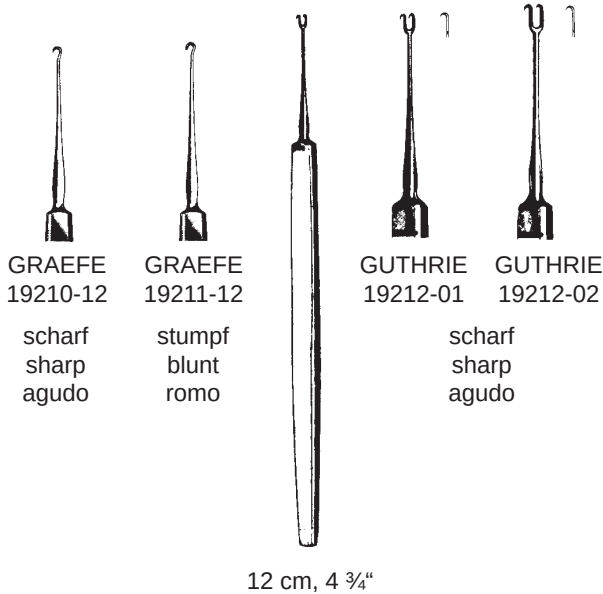


JOSEPH
47535-01 17 cm, 6 3/4" 47535- 02

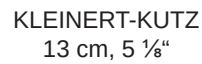
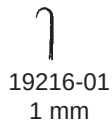


LINDEMANN
47535-20 20 cm, 8"

Feine Wundhäkchen
Fine Retractors
Ganchos finos



Feine Wundhäkchen
Fine Retractors
Ganchos finos



Feine Wundhäkchen
Fine Retractors
Ganchos finos

3 mm



BARSKY
19218-01
15 cm, 6"

3 mm



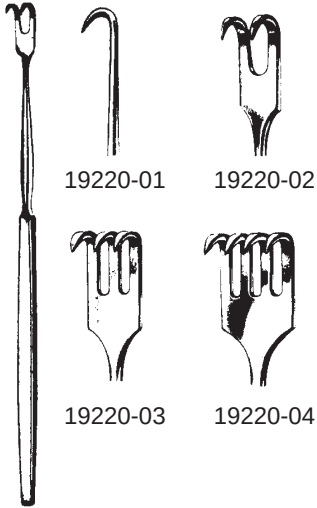
BARSKY
19218-02
15 cm, 6"

3 mm

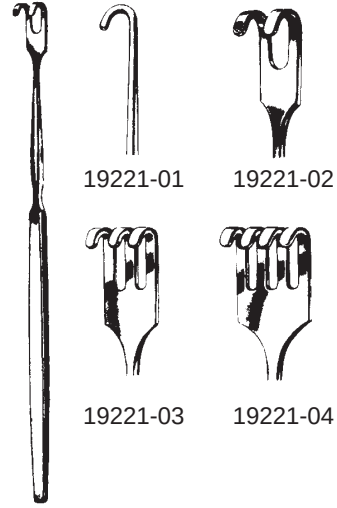


HUMBY
19218-11
11,5 cm, 4 ½"

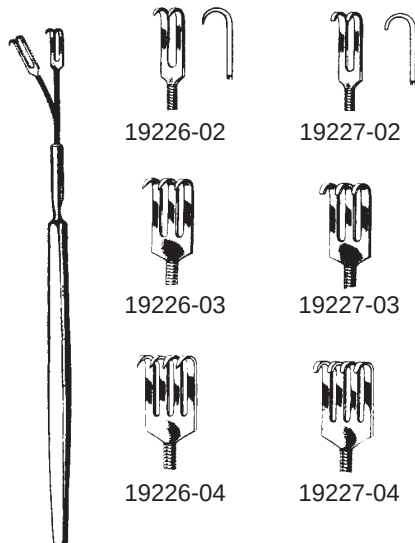
Feine Wundhäkchen
Fine Retractors
Ganchos finos



Reda
16 cm, 6 1/4"



Reda
16 cm, 6 1/4"



Reda, flexibel
16 cm, 6 1/4"

Feine Wundhäkchen
Fine Retractors
Ganchos finos



spitz
sharp
agudo

ROLLET
43376-13
13,5 cm, 5 1/4"



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 ¼"



MASING
47541-14
14 cm, 5 ½"



AUFRICHT
47542-12
12 cm, 4 ¾"



AUFRICHT
47551-16
16 cm, 6 ¼"



AUFRICHT
47551-16CL
16 cm, 6 ¼"



MASING-NEIVERT
47552-16
20 cm, 8"

Nasenflügelhäkchen
Alar Retractor
Gancho para las alas de la nariz

10 x 12 mm



COTTLE
47553-15
15 cm, 6"

10 mm



COTTLE-NEIVERT
47559-20
20 cm, 8"

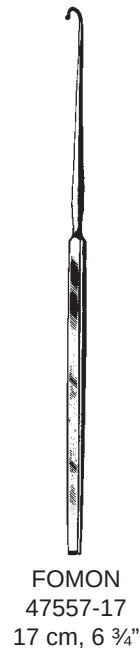
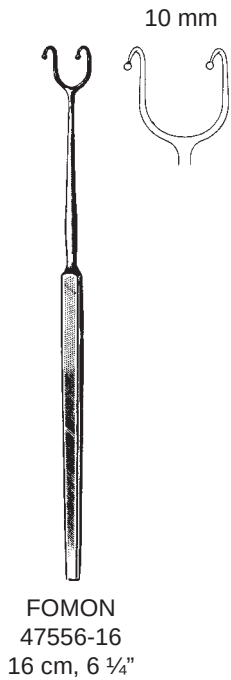
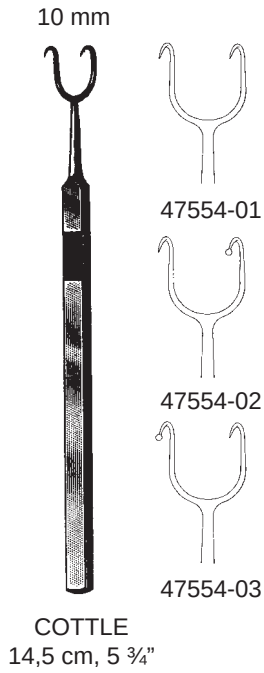
10 mm



14 mm

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

Nasenflügelhäkchen
Alar Retractor
Gancho para las alas de la nariz



Feine Wundhäkchen
Fine Retractors
Ganchos finos



FREER
47558-15
15 cm, 6"



GILLIES
18 cm, 7"



Fig. 1
47560-18



Fig. 2
47562-18

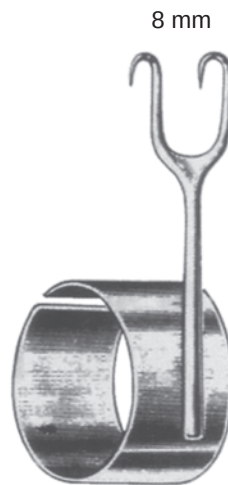


COTTLE
47564-16
16 cm, 6 1/4"

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

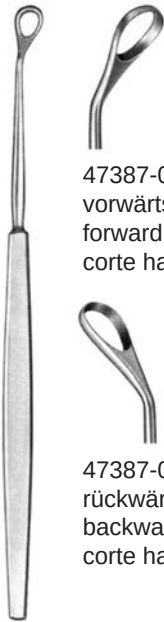


LANGE
47563-22
23 cm, 9"



COTTLE
47568-08

Antrumküretten
Antrum Curettes
Curetas para el antro

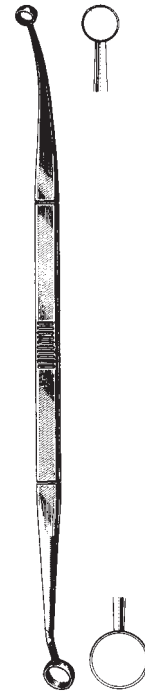


47387-01
vorwärts schneidend
forward cutting
corte hacia adelante



47387-02
rückwärts schneidend
backward cutting
corte hacia atras

ANTRUM
19 cm, 7 1/2"



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



47607-01
Fig. 1



47607-02
Fig. 2



47607-03
Fig. 3



47607-04
Fig. 4



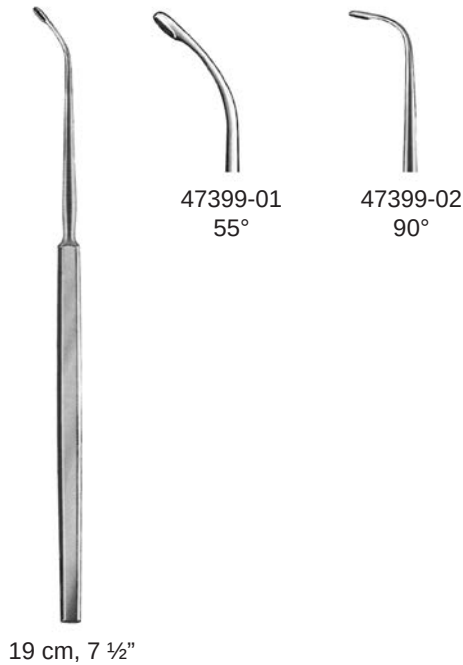
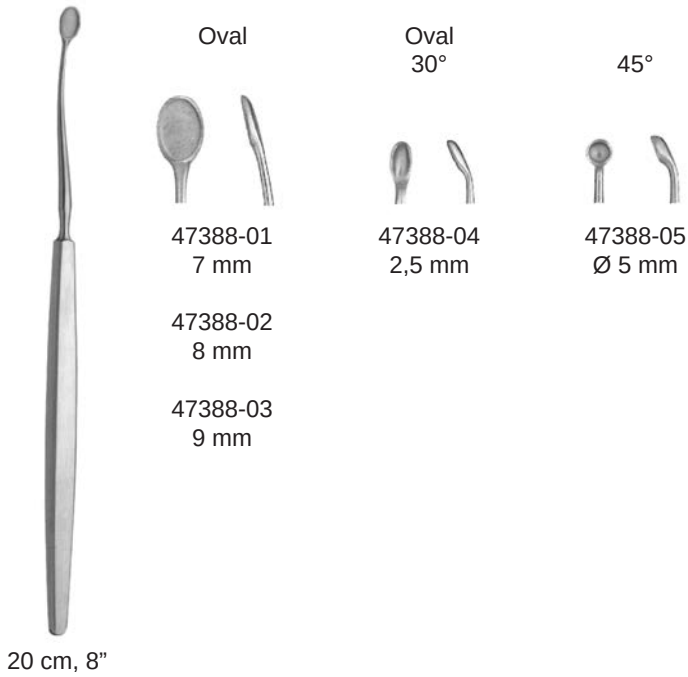
47607-05
Fig. 5



47607-06
Fig. 6

COAKLEY
17 cm, 6 3/4"

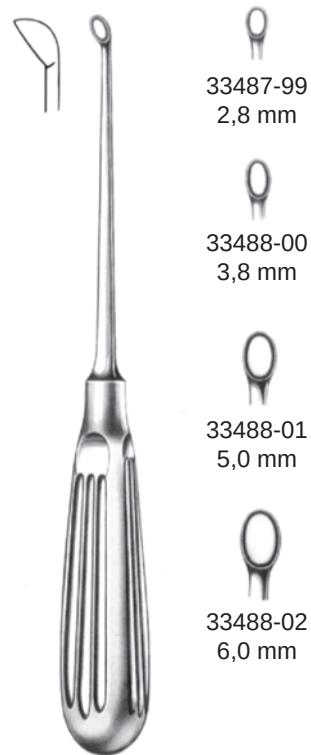
Antrum Kürette, Antrumlöffel
Antrum Curettes
Cucharillas para antro



Scharfe Löffel
Bone Curettes
Cucharillas cortantes



HALLE
21 cm, 8 ¼"



DAUBENSPECK
20 cm, 8"

Hämmer
Bone Mallets
Martillos

Ø 25 mm



GERZOG
33686-25
18 cm, 7" 250g

Ø 25 mm



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

Ø 25 mm



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

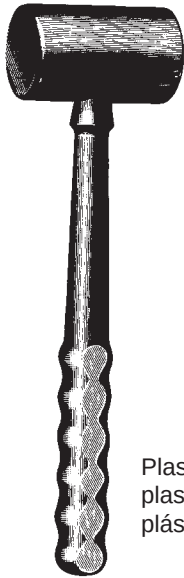
Ø 20 mm



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

Hämmer
Bone Mallets
Martillos

Ø 42 mm



Plastik
plastic
plástico

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

Ø 12 mm



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

Ø 22 mm



PARTSCH
33698-98
18 cm, 7" 199 g

Ø 30 mm



COTTLE
33700-05
18 cm, 7" 240 g

Nasensonde, Dilatatoren
Nasal Probe, Dilators
Sondas nasales, Dilatadores



RITTER-HALLE

16 cm, 6 ¼"

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 ½"



WILDER
43602-01



WILDER
43602-02



WILDER
43602-03

Sonden
Probes
Sondas

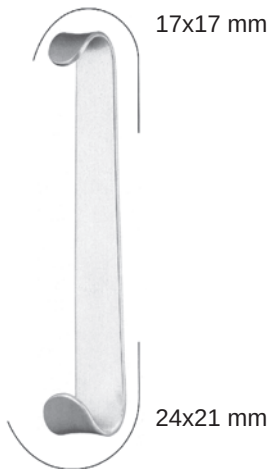
geknöpft
buttoned
abotonada



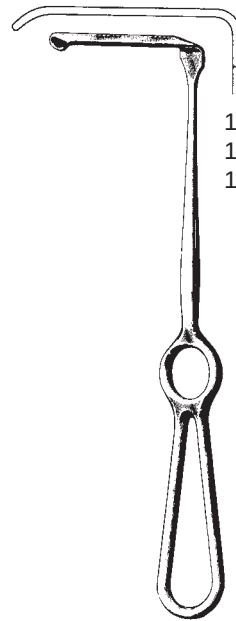
rostfrei
stainless steel
acero inoxidable

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

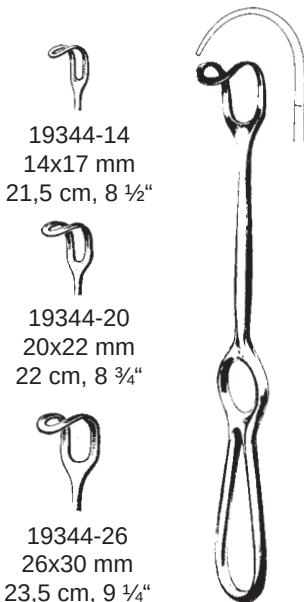
Wundhaken
Retractors
Separadores



ROUX BABY
19122-13
13 cm, 5 1/8"



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



BRÜNINGS-BRUNK
19499-00 19 cm, 7 1/2"

Kieferhöhlenhaken
Antrum Retractor
Separador para antro

Wundspreizer
Self-retaining Retractors
Separadores autoestáticos



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



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 3/4"



FISCH
19691-17
17 cm, 6 3/4"



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Gänsäcker 34 - P.O. Box 131
D-78532 Tuttlingen

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TONSILLEKTOMIE**

**ADENOTOMY AND
TONSILLECTOMY**

**ADENOTOMÍA Y
TONSILECTOMÍA**



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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!

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 ¼"
Pack. à 100

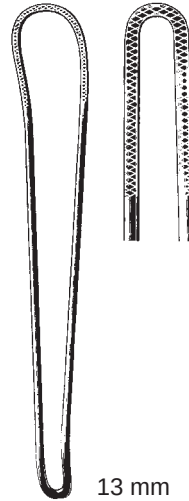
19 mm



23 mm

KROENIG
49104-15
15 cm, 6"

23 mm



13 mm

FRENZEL
49105-16
16,5 cm, 6 ½"

16 mm



49106-01
14,5 cm, 5 ¾"

15 mm



19 mm

BRUENINGS
49107-19
19 cm, 7 ½"

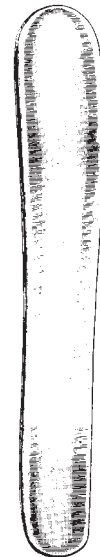
20 mm



20 mm

CAWOOD-MINNESOTA
49108-15
15 cm, 6"

23 mm



19 mm

BUCHWALD
49109-19
19 cm, 7 ½"

Zungendrucker
Tongue Depressors
Baja-lenguas



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



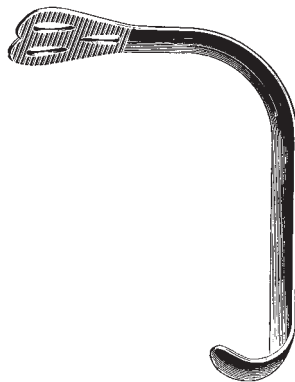
HARTMANN
49111-15
15 cm, 6"



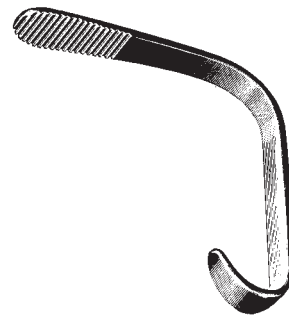
49115-01
Fig. 1
14 cm, 5 1/2"



49115-02
Fig. 2
15 cm, 6"

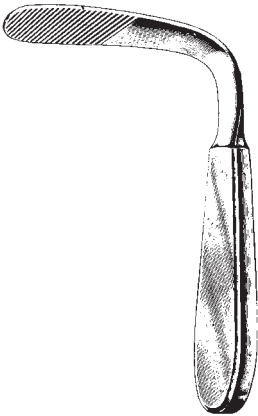


WIEDER
49115-01 - 49115-02

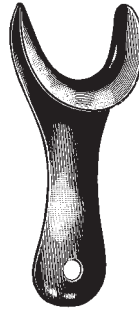


ANDREW
49117-11
11 cm, 4 3/8"

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 $\frac{3}{4}$ "



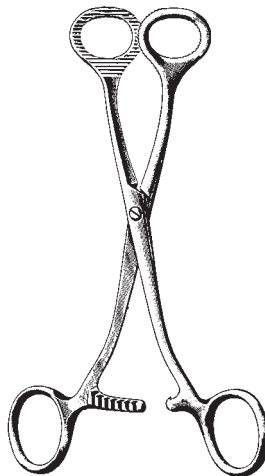
49230-11
11 cm, 4 $\frac{3}{8}$ "



STERNBERG
49231-12 12 cm, 4 $\frac{3}{4}$ "
49231-14 14 cm, 5 $\frac{1}{2}$ "
49231-16 16 cm, 6 $\frac{1}{4}$ "



49235-19
19 cm, 7 $\frac{1}{2}$ "



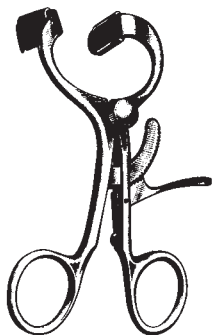
COLLIN
49250-16 16 cm, 6 $\frac{1}{4}$ "
49250-18 18 cm, 7"



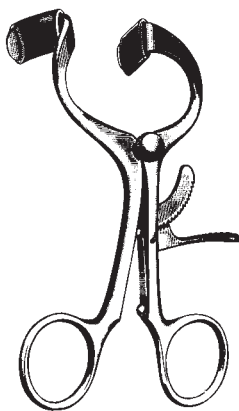
49255-99
1 Paar
1 Pair
1 pareja

YOUNG
49255-16
16 cm, 6 $\frac{1}{4}$ "

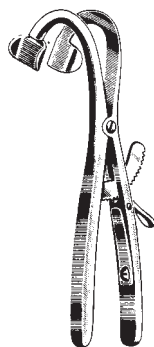
Mundsperrer
Mouth Gags
Abre-Bocas



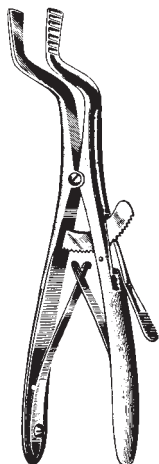
DOYEN-JANSEN (MOLT)
49265-12
12 cm, 4 $\frac{3}{4}$ "



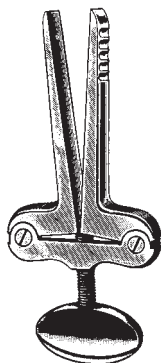
DOYEN-JANSEN (MOLT)
49265-14
14 cm, 5 $\frac{1}{2}$ "



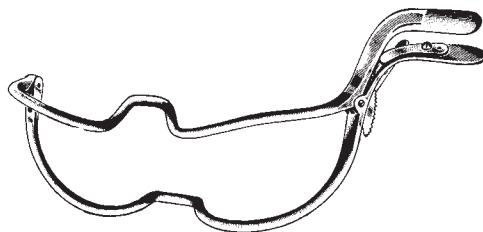
DENHART
49267-12
12 cm, 4 $\frac{3}{4}$ "



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

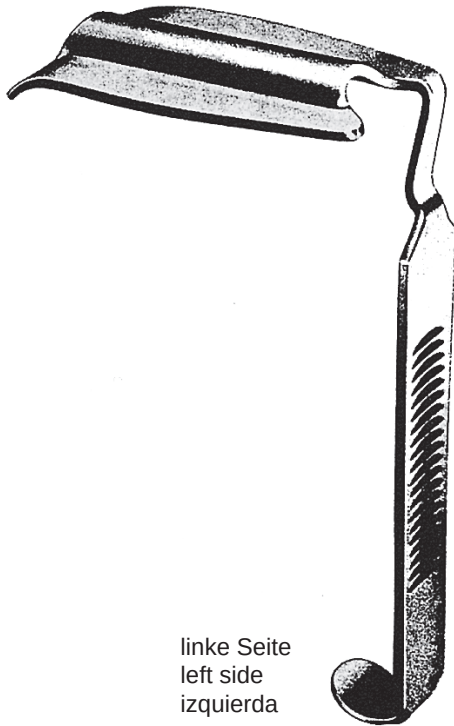


HEISTER
49272-13
13 cm, 5 $\frac{1}{8}$ "



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

Zungenspatel
Tongue Depressor
Baja-lengua

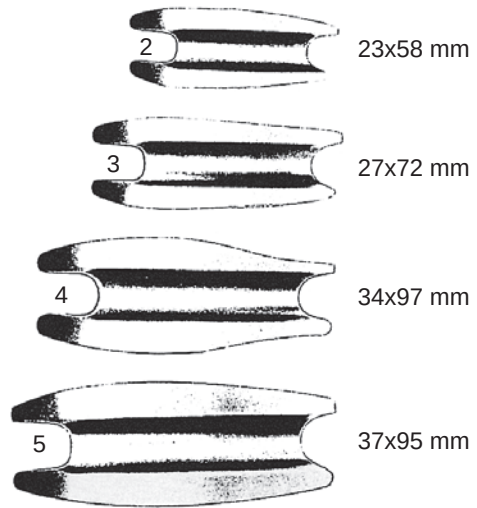


linke Seite
left side
izquierda

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



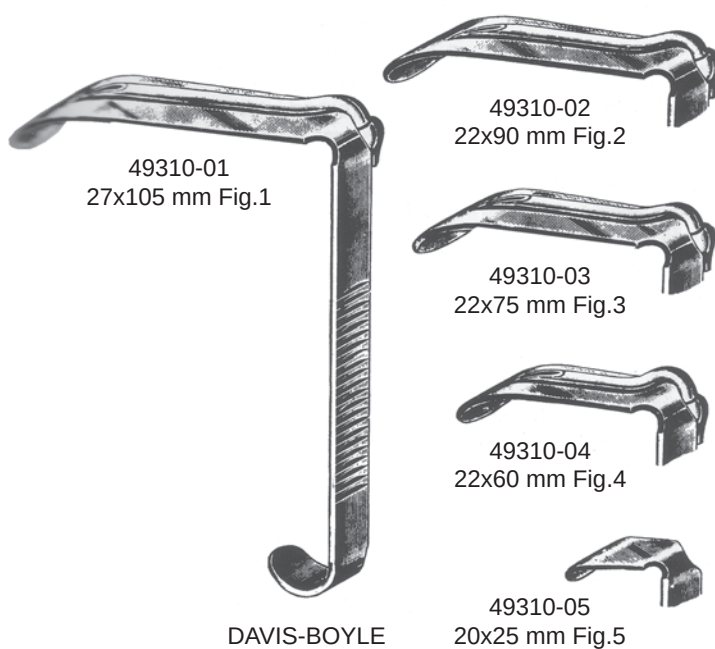
RING
Fig. 2
Fig. 3
Fig. 4
Fig. 5



rechte Seite
right side
derecha

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

Zungenspatel
Tongue Depressor
Baja-lengua



Mundsperrer
Mouth Gags
Abre-Bocas

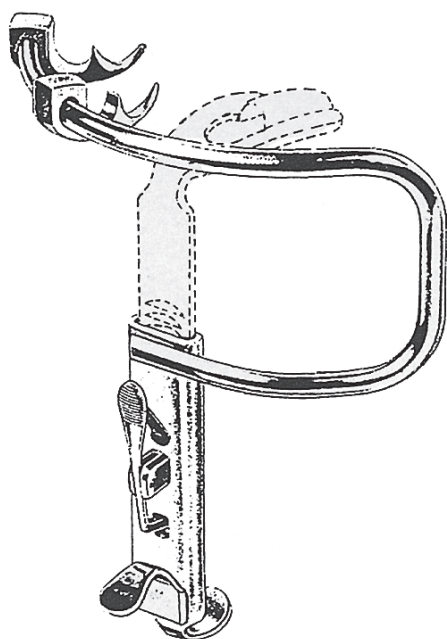


Sperrer allein
Mouth Gag only
Abre-boca suelto

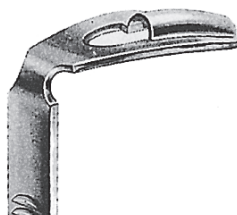
DAVIS-BOYLE

	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



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

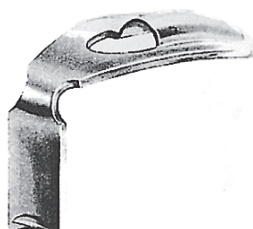


49315-01
37 x 80 mm
Fig. 1



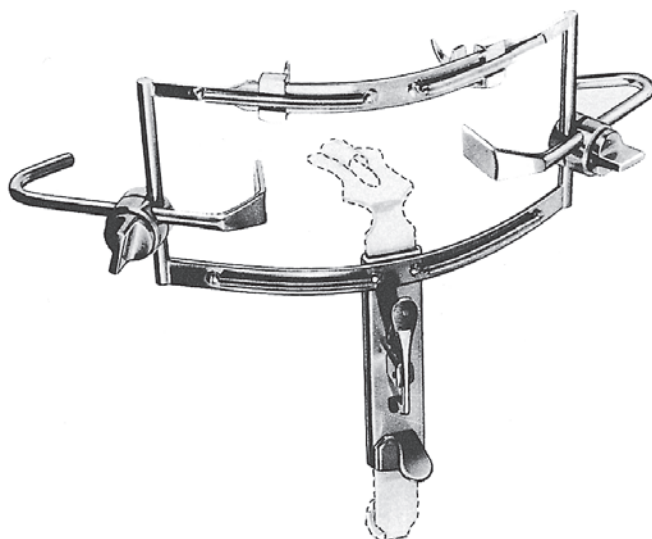
49315-02
32 x 75 mm
Fig. 2

KILNER-DOUGHTY
49315-00
compl.

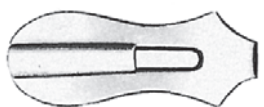


49315-03
28 x 65 mm
Fig. 3

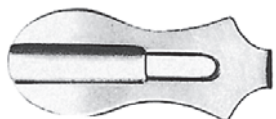
Mundsperrer
Mouth Gag
Abre-Bocas



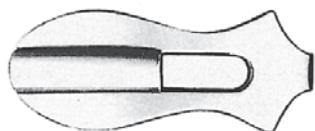
DINGMANN
49317-10
Sperrer allein / Mouth Gag only
Abre-boca suelto



1 24x62 mm
49317-01



2 28x65 mm
49317-02



3 31x75 mm
49317-03

49317-00 DINGMANN, compl.

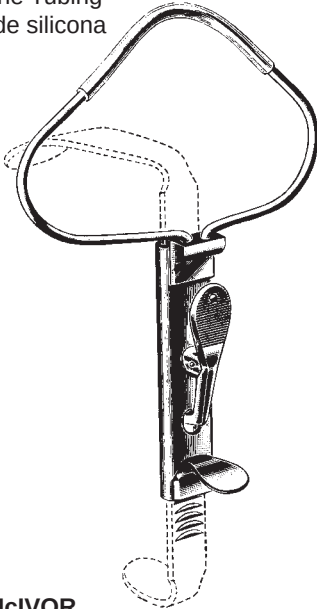
mit 3 auswechselbaren Zungendrucker,
2 seitliche Wangenhaken und 2 Zahnhaken

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

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

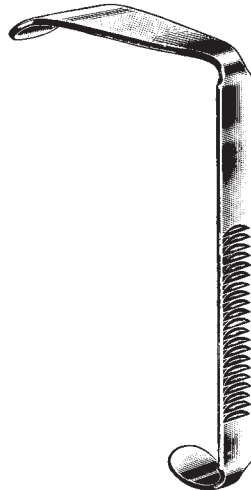
Mundsperrer, Gaumenplatte
Mouth Gags, Palate Blade
Abre-Bocas, placa para el paladar

49320-20
Silikon-Schlauch
Silicone Tubing
tubo de silicona



McIVOR
49320-00
compl.

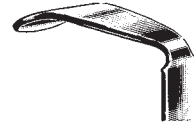
49320-10



49320-01
27x95 mm Fig. 1



49320-02
22x85 mm Fig. 2



49320-03
22x70 mm Fig. 3



DAVIS-MEYER
49340-00

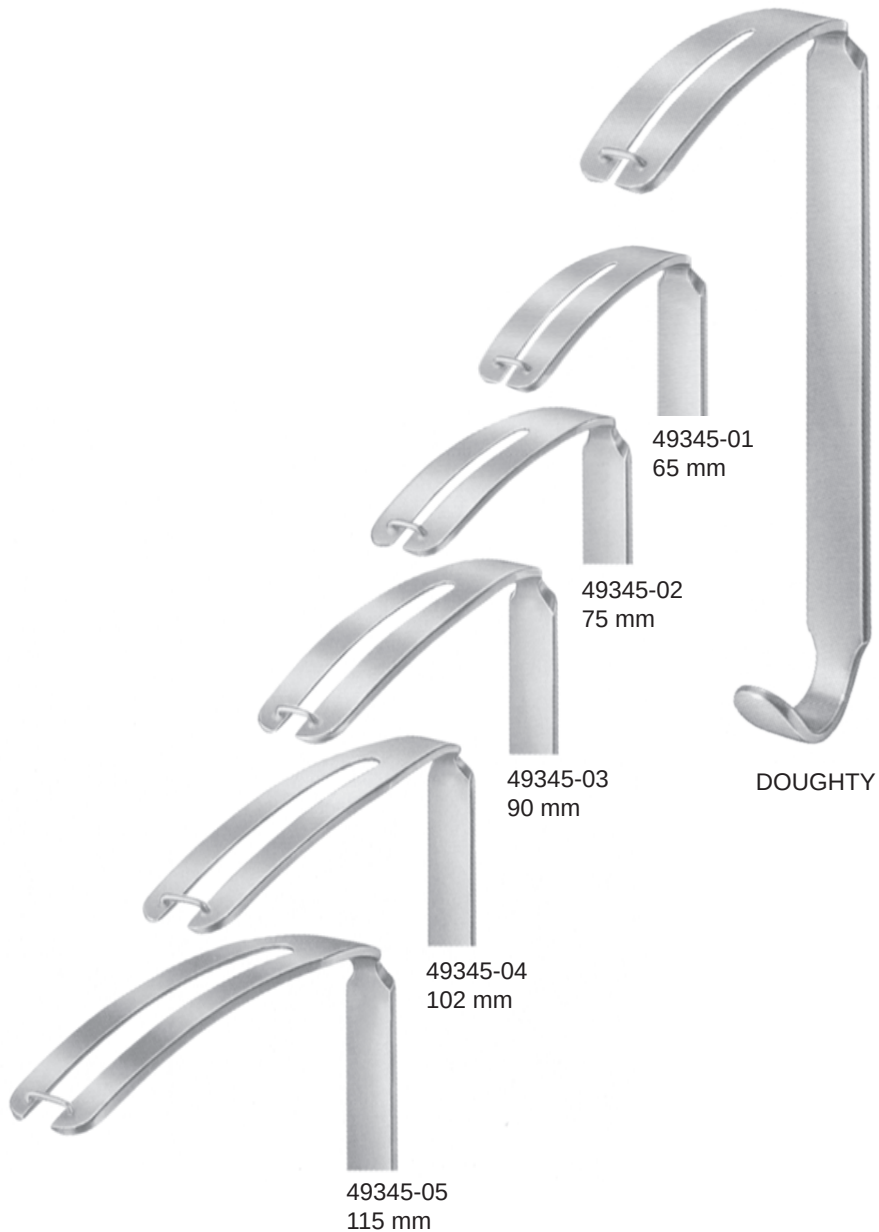


49341-00

Zungenspatel
Tongue Blades
Baja-lenguas



Zungenspatel
Tongue Blades
Baja-lenguas



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

Holz
wood
madera

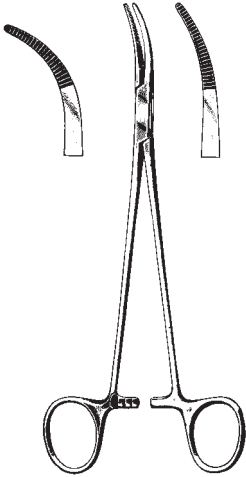


MAUNDER
49360-10

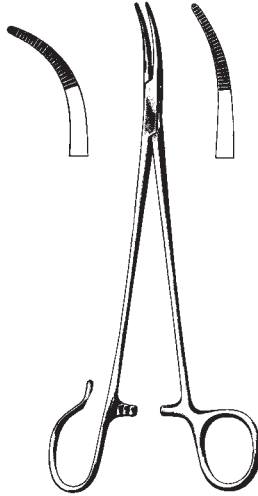


NEGUS
49400-01

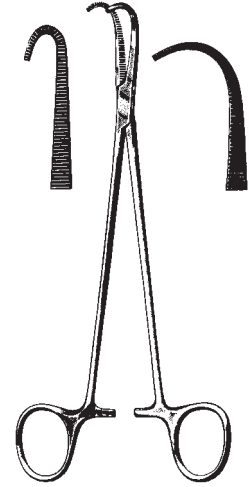
Tonsillenzangen
Tonsil Forceps
Pinzas para coger las amígdalas



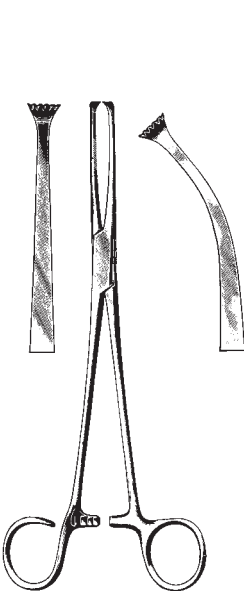
19 cm, 7 ½"
SAWTELL SCHNIDT
51181-19 51183-19



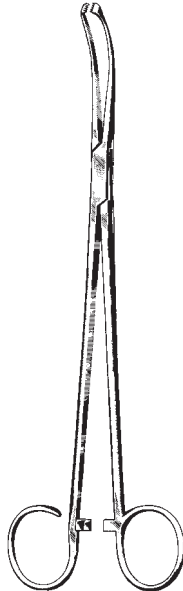
19 cm, 7 ½"
SAWTELL SCHNIDT
51185-19 51187-19



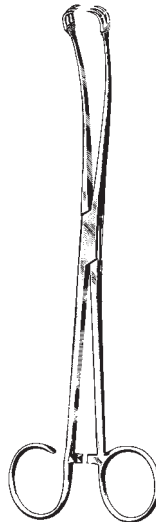
19 cm, 7 ½"
NEGUS NEGUS
51191-19 51193-19



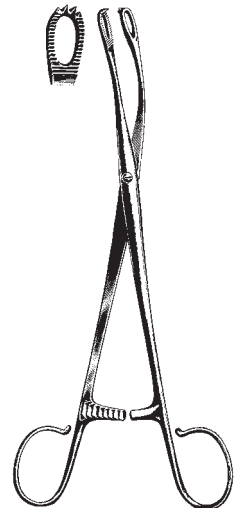
19 cm, 7 ½"
COLVER
51202-19 51203-19



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



BALLENGER
51207-21
21,5 cm, 8 ½"

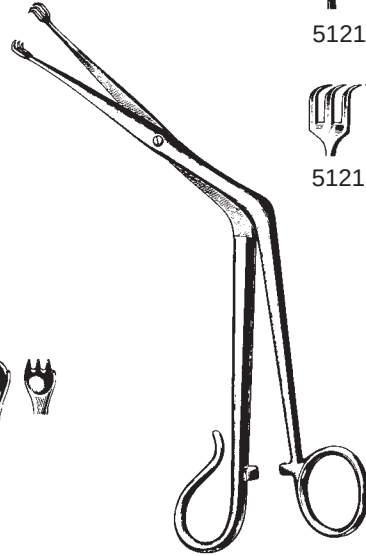


BLOHMKE
51209-20
20 cm, 8"

Tonsillenzangen, Tonsillenpinzette
Tonsil Forceps
Pinzas para amígdalas



ABRAHAM
51210-20
20 cm, 8"



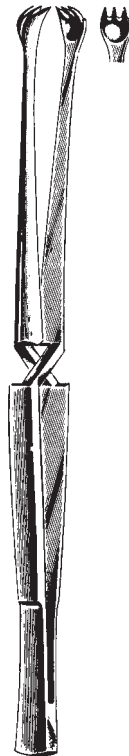
TYDING
21 cm, 8 1/4"



51211-21

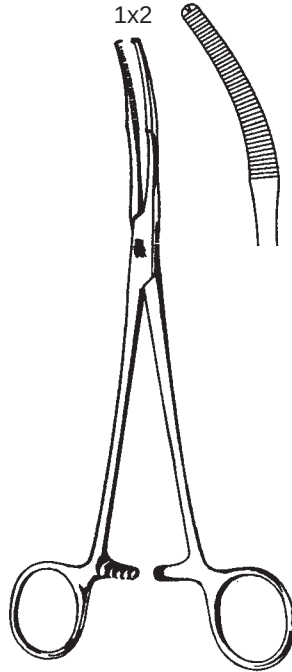


51213-21



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

Tonsillenklemme, Tonsillenzange
Tonsil Forceps
Pinzas para amígdalas



MIKULICZ
13551-18 18 cm, 7"



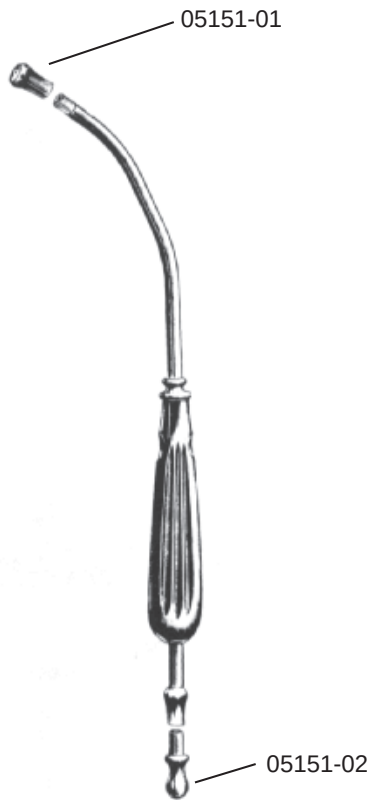
DENIS BROWNE
51214-20 20 cm, 8"



THILENIUS
51215-20 19 cm, 7 1/2"

Tonsillenabszeßzange
Tonsil Abscess Forceps
Pinza para abscesos
en amígdalas

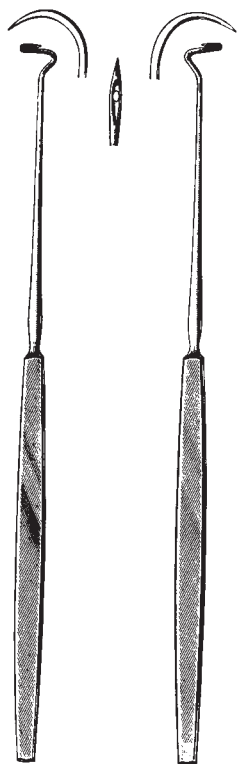
Saugrohr
Suction Tube
Tubo de succion



BABY-YANKAUER
05150-21 21 cm, 8 ¼"

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

Tonsillennadeln
Tonsil Needles
Agujas para amígdalas



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



CLAUS
51168-23
23 cm 9"

Tonsillennadeln, Tonsillenmesser

Tonsil Needles, Tonsil Knives

Agujas para amígdalas, Bisturios para amígdalas



NAGER
51170-24
24 cm 9 ½"



FISHER
51171-22
22,5 9"

Tonsillennmesser
Tonsil Knives
Bisturies para amígdalas



ABRAHAM
51172-19
19 cm, 7 ½"



ABRAHAM
51173-21
21 cm, 8 ¼"

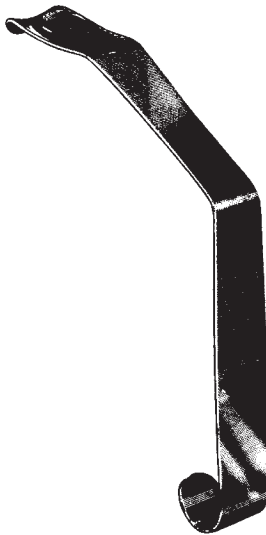


CANFIELD
51174-21
21 cm, 8 ¼"

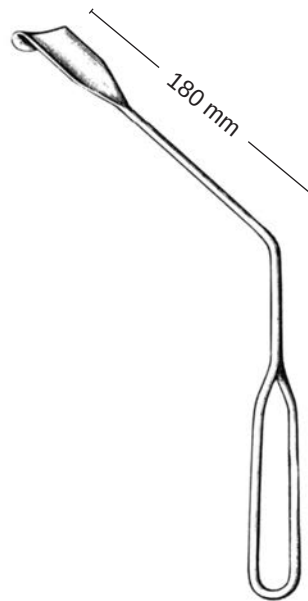


BRUENINGS
51177-23
23 cm, 9"

Uvulahaken
Uvula Retractors
Separadores uvulares

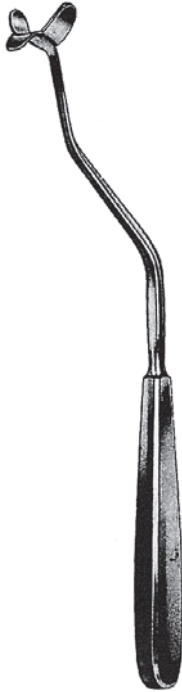


LOVE 15 cm, 6"
51103-18 18 mm
51103-20 20 mm
51103-22 22 mm



LOTHROP
51104-18 18 mm

Gaumensegelhalter
Soft Palate Retractors
Separadores para la vela palatina



HOFER
51109-24
24 cm, 9 ½"



NAGER
51111-23
23 cm, 9"

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

12 mm



10 mm

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



LOPEZ-REINKE
51133-23
23 cm, 9"



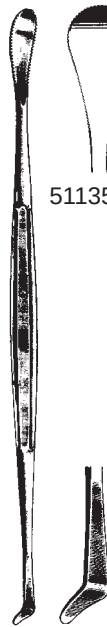
51135-01



51135-02



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



HENKE
23 cm, 9"



6 mm

8 mm

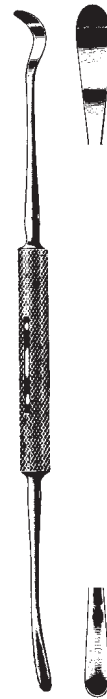
ALDERDYCE
33761-21
21 cm, 8 1/4"

Tonsillendissektoren
Tonsil Dissectors
Disectores para amígdalas

Enukleator
Enucleator
Enucleador

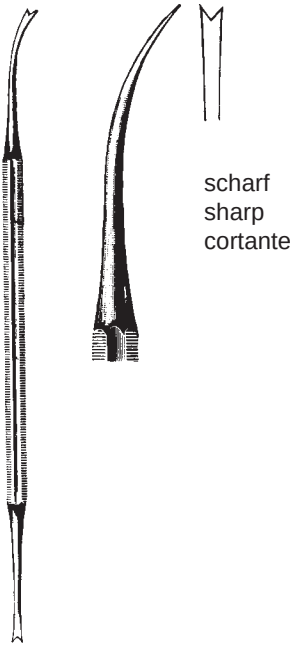


CARPENTER
51139-25
25 cm, 10"



CARPENTER
51143-24
24 cm, 9 ½"

Tamponstopfer
Gauze Packer
Tamponador tonsilar



LUNIATSCHEK
51151-19
19 cm, 7 ½"

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 ¼"	11116-21 TC
11112-25	25 cm, 10"	11116-25 TC



1x2

POTTS-SMITH

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

Tupferzangen
Dressing Forceps
Pinzas porta-esponjas

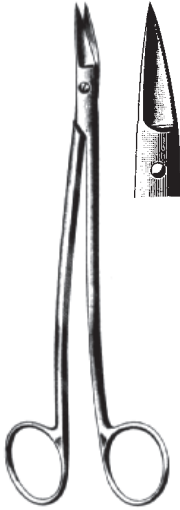


DUPLAY
17131-21 21 cm, 8 1/4"

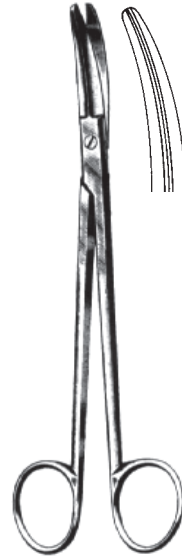


17133-17 17 cm, 6 3/4"

Tonsillenscheren
Tonsil Scissors
Tijeras para amígdalas



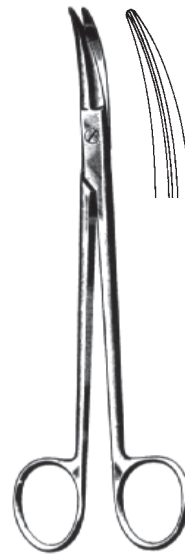
— DEAN —
09425-17 09427-17
17 cm, 6 $\frac{3}{4}$ "



BOETTCHER
09435-18
18 cm, 7"

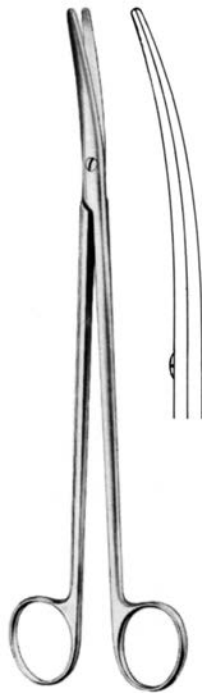


GOOD
09437-19
19 cm, 7 $\frac{1}{2}$ "



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

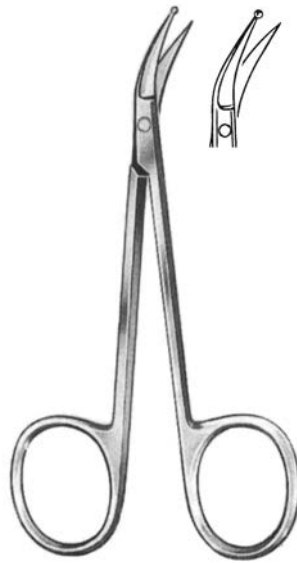
Präparierscheren
Dissecting Scissors
Tijeras de disección



METZENBAUM

09281-12	09285-12 TC
12 cm	4 3/4"
09281-15	09285-15 TC
15 cm	6"
09281-18	09285-18 TC
18 cm	7"
09281-20	09285-20 TC
20 cm	8"
09281-23	09285-23 TC
23 cm	9"
09281-25	09285-25 TC
25 cm	10"
09281-28	09285-28 TC
28 cm	11"
09281-30	09285-30 TC
30 cm	12"

Speichelgangschere
Salival Scissors
Tijeras para el canal de saliva



PERWITZSCHKY
09364-10
10 cm, 4"

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

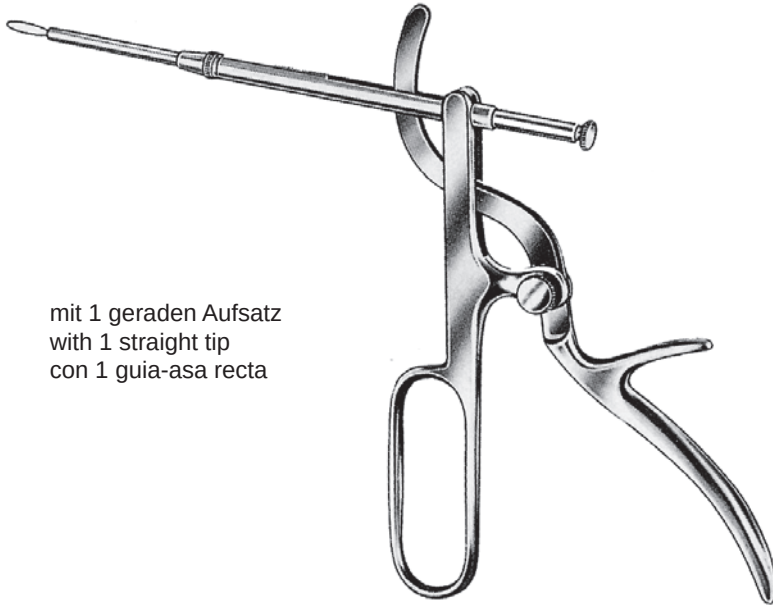


UNIVERSAL

09831-12 12 cm, 4 ¾"

09835-12 TC 12 cm, 4 ¾"

Tonsillenschnürer
Tonsil Snares
Cierranudos para amígdalas



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

TYDING
51260-00

Tonsillenschnürer
Tonsil Snares
Cierranudos para amígdalas



EVES
51250-28
28 cm, 11"



EVES
51252-28
28 cm, 11"

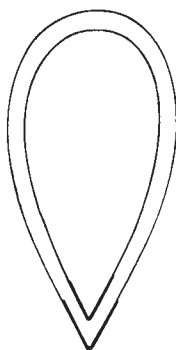


BRUENINGS
51256-28
28 cm, 11"

Tonsillendraht
Tonsil Wire
Hilos para amígdalas



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

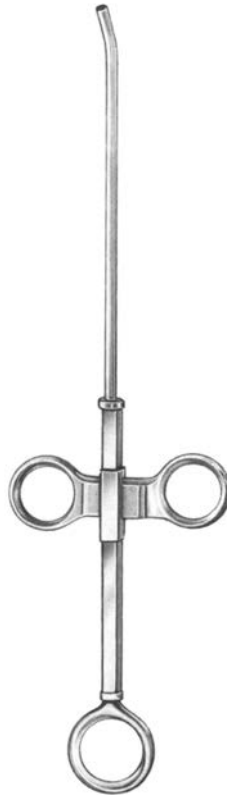


51257-40	40 mm
51257-50	50 mm
Pack of 100 pcs	



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



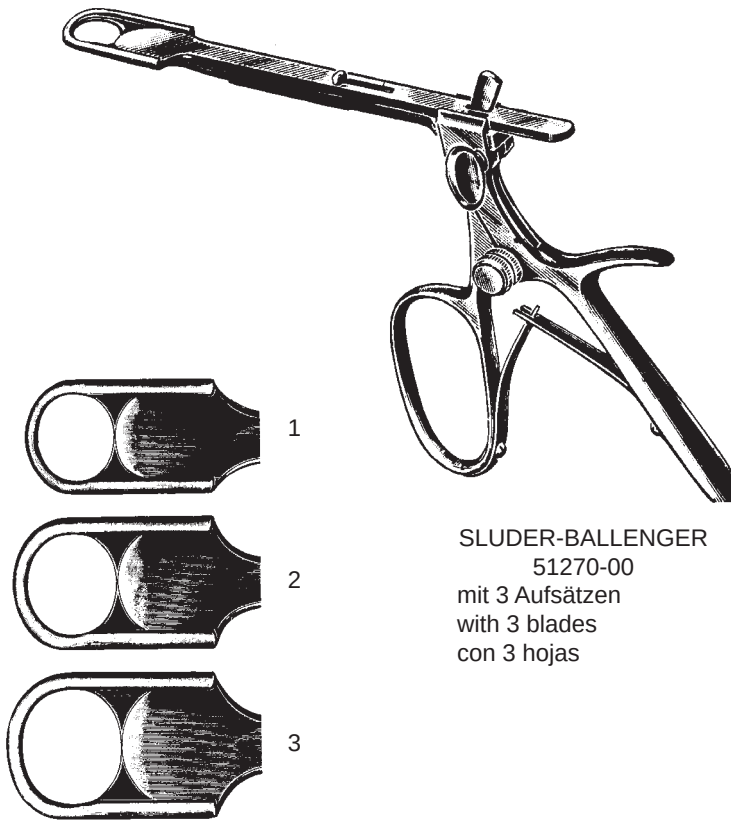
ROEDER "E"
51265-00
27 cm, 10 $\frac{3}{4}$ "

Fadengabel
Knot Tier
Horquilla de hilos



NEGUS
51176-20
20,5 cm, 8"

Tonsillotom
Tonsillectome
Amigdalótomo

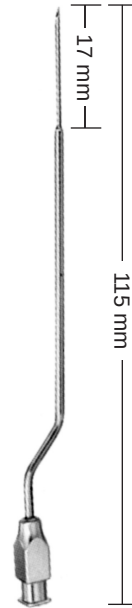


SLUDER-BALLENGER
51270-00
mit 3 Aufsätzen
with 3 blades
con 3 hojas

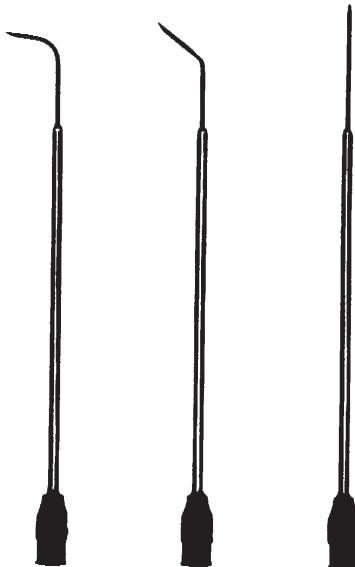
Septum Nadeln, Spritzen
Septum Needles, Syringes
Agujas para septum, Jeringas



51291-00
2,5 mm Ø



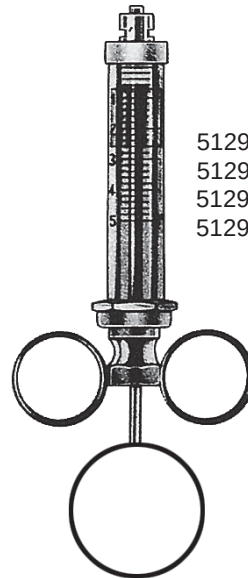
51293-00
0,8 mm Ø



51293-90
90°

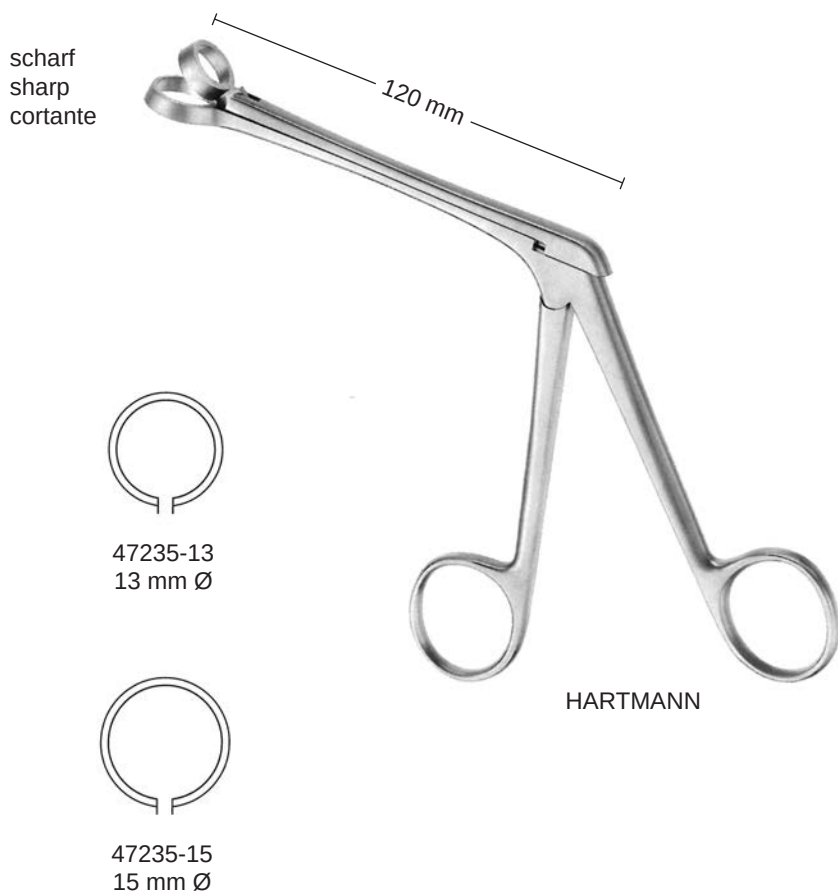
51293-45
45°

51292-00



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

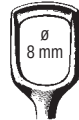
Tonsillenzangen
Tonsil Punches
Pinzas para amígdalas



Ringmesser
Adenoid Currettes
Cuchillos para vegetaciones adenoideas



BECKMANN
22 cm, 8 3/4"



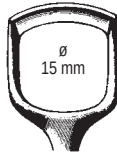
47620-00
Fig. 0



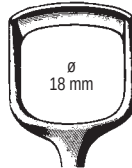
47620-01
Fig. 1



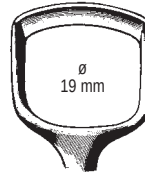
47620-02
Fig. 2



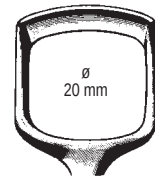
47620-03
Fig. 3



47620-04
Fig. 4



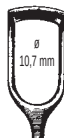
47620-05
Fig. 5



47620-06
Fig. 6



BARNHILL
21 cm, 8 1/4"



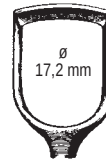
47630-00
Fig. 0



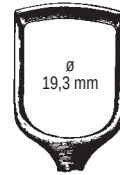
47630-01
Fig. 1



47630-02
Fig. 2



47630-03
Fig. 3



47630-04
Fig. 4

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



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



47636-01
Fig. 1



47636-02
Fig. 2



47636-03
Fig. 3



47636-04
Fig. 4



LAFORCE
25 cm, 10"



47641-01
Fig. 1
ø 12 mm



47641-02
Fig. 2
ø 16 mm

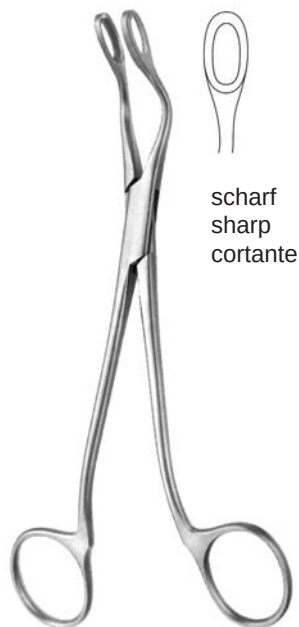
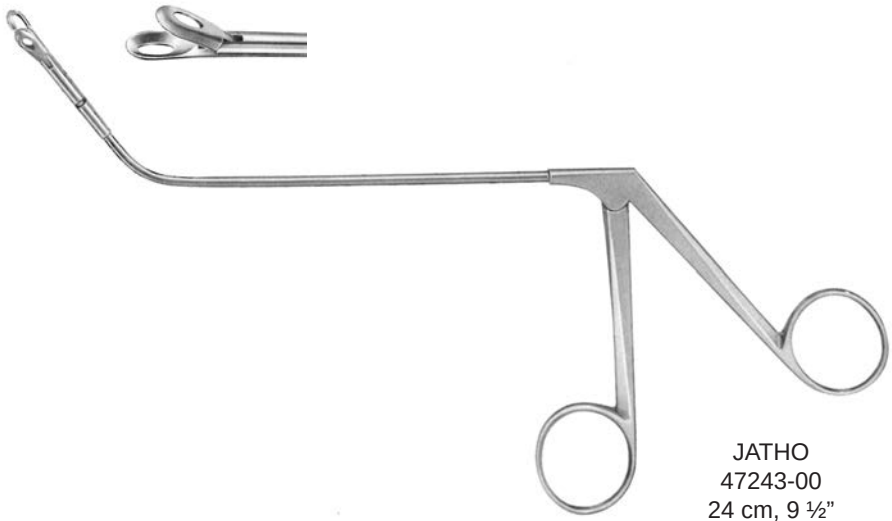


47641-03
Fig. 3
ø 18 mm

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

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

Nasenrachenzangen
Naso Pharyngeal Forceps
Pinzas naso-faringeas



ST. CLAIR-THOMSON
47246-18 18 cm, 7 ⅞"

Nasenrachenzangen
Naso Pharyngeal Forceps
Pinzas naso-faríngeas





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TRACHEOTOMIE

TRACHEOTOMY

TRAQUEOTOMÍA



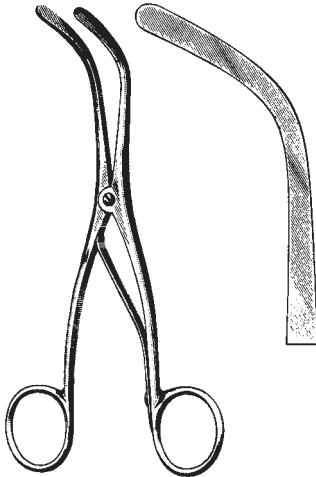
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Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!

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

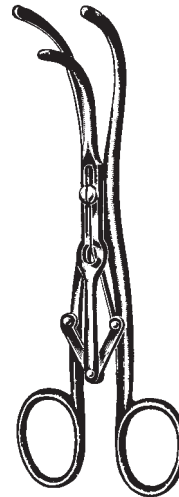
Indicaciones y Contraindicaciones se encuentran en la instrucciones de uso correspondientes!

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



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

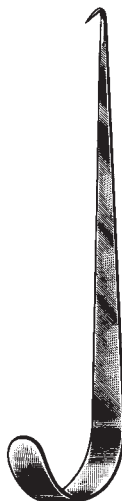
TROUSSEAU
 55111-14 14 cm, 5 1/2"



LABORDE
 55113-14
 14 cm, 5 1/2"



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

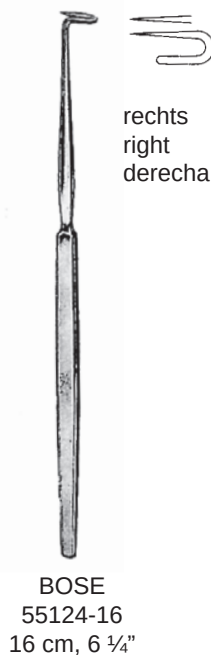
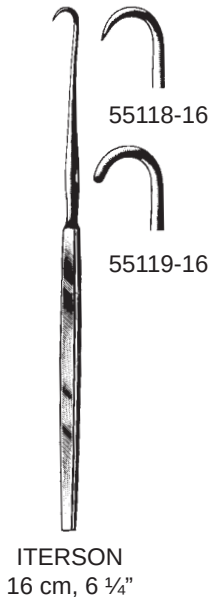


JACKSON
 55116-15
 15 cm, 6"



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

Trachealhaken, Kanülen
Tracheal Hooks, Tubes
Ganchos traqueales Cánulas



Trachealkanülen
Tracheal Tubes
Canulas traqueales

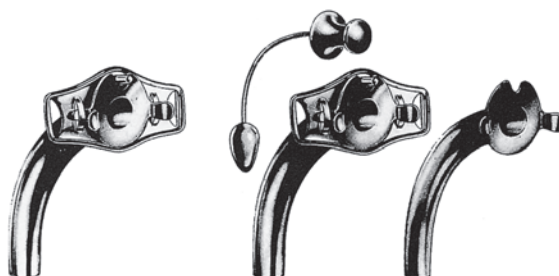


Fig.	Ø mm	Länge des Außenrohrs Length of outer tube Largo de la cánula exterior	LUER Neusilber German silver alpaca	CHEVALIER-JACKSON Neusilber German silver alpaca
0	4	45 mm	55220-04	55240-04
1	5	50 mm	55220-05	55240-05
2	6	55 mm	55220-06	55240-06
3	7	60 mm	55220-07	55240-07
4	8	65 mm	55220-08	55240-08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



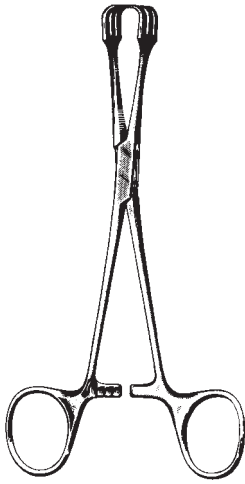
55503-15

KOCHER
15 cm, 6"

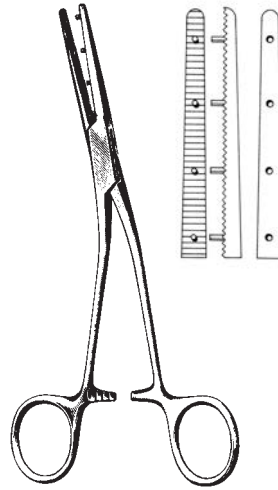


SCHOENBORN
55511-21
21 cm, 8 ¼"

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



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



MASTIN
55523-17
17 cm, 6 $\frac{3}{4}$ "

Kehlkopf Polypenschnürer
Laryngeal Polypus Snare
Cierranudo para pólipos



51259-04
Ø 0,4 mm
Pack of 12 pcs

Schnürerdraht
Snare Wire
Alambre para polipotomo



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



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**LARYNGOSKOPIE
ENDOLARYNGEAL
MIKROCHIRURGIE**

**LARYNGOLOGY
ENDOLARYNGEAL
MICROSURGERY**

**LARINGOSCOPIA
MICRO CIRUGIA
ENDOLARINGEAL**



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

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

Warmlicht
Warm Light
Luz caliente



Laryngoskope Warmlicht
Laryngoscopes Warm Light
Laringoscopios de luz caliente



McINTOSH

05203-00

Set bestehend aus:

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

Set consisting of:

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

Juego compuesto de:

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

05204-00

Set bestehend aus:

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

Set consisting of:

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

Juego compuesto de:

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

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



Warmlicht
 Warm Light
 Luz caliente

McINTOSH



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

Fig. 0
 für Säuglinge
 for babies
 para neonatales



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

Fig. 1
 für Kinder
 for children
 para niños



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

Fig. 2
 für Jugendliche
 for adolescents
 para adolescentes



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

Fig. 3
 für Frauen
 for women
 para mujeres



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

Fig. 4
 für Männer
 for men
 para hombres

Warmlicht
Warm Light
Luz caliente



Laryngoskope Warmlicht
Laryngoscopes Warm Light
Laringoscopios de luz caliente



MILLER

05213-03

Set bestehend aus:

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

Set consisting of:

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

Juego compuesto de:

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

05213-04

Set bestehend aus:

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

Set consisting of:

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

Juego compuesto de:

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

Laryngoskope Warmlicht
Laryngoscopes Warm Light
Laringoscopios de luz caliente



Warmlicht
Warm Light
Luz caliente

MILLER



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

Fig. 0
für Säuglinge
for babies
para neonatales



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

Fig. 1
für Kinder
for children
para niños



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

Fig. 2
für Jugendliche
for adolescents
para adolescentes



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

Fig. 3
für Frauen
for women
para mujeres



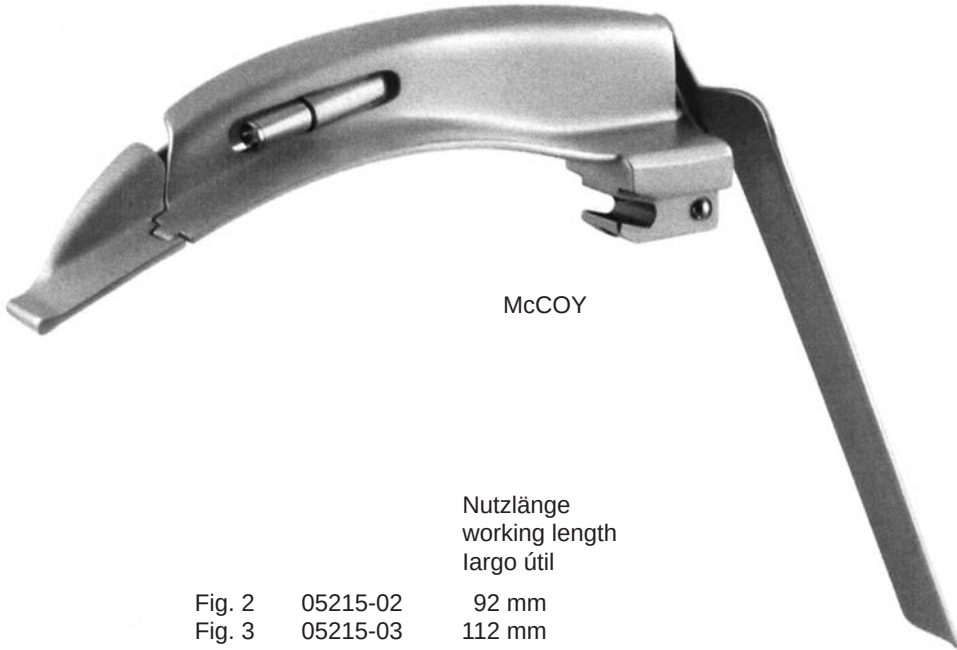
05230-04
188 mm, 7.4"
Nutzlänge
working length
largo útil

Fig. 4
für Männer
for men
para hombres

Warmlicht
Warm Light
Luz caliente



Laryngoskope Warmlicht
Laryngoscopes Warm Light
Laringoscopios de luz caliente



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

mit Xenon-Lampe
with Xenon-Lamp
con lampara Xenon

05238-12

05238-13

mit LED-Lampe
with LED-Lamp
con lampara LED

Warmlicht
Warm Light
Luz caliente



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



05233-18
14 cm
19 mm Ø



05234-28
14,5 cm
29 mm Ø



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



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

Ersatzlampe
Spare Bulb
Bombilla de recambio

Operations-Laryngoskope
Operation Laryngoscope
Laringoscopios operativo

rostfreier Edelstahl

Rohr: innen matt/außen glänzend

Griff: matt

stainless steel

tube: inner surface mat/outer
surface polished

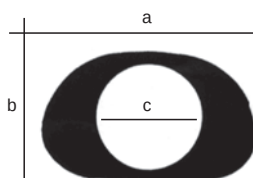
handle: mat

acero inoxidable

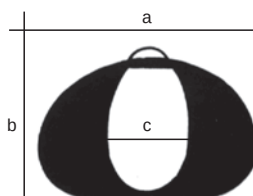
Pala: Superficie interior: mate

Superficie exterior: brillante

Mango: mate



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



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

05300-01

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

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

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

05300-02

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

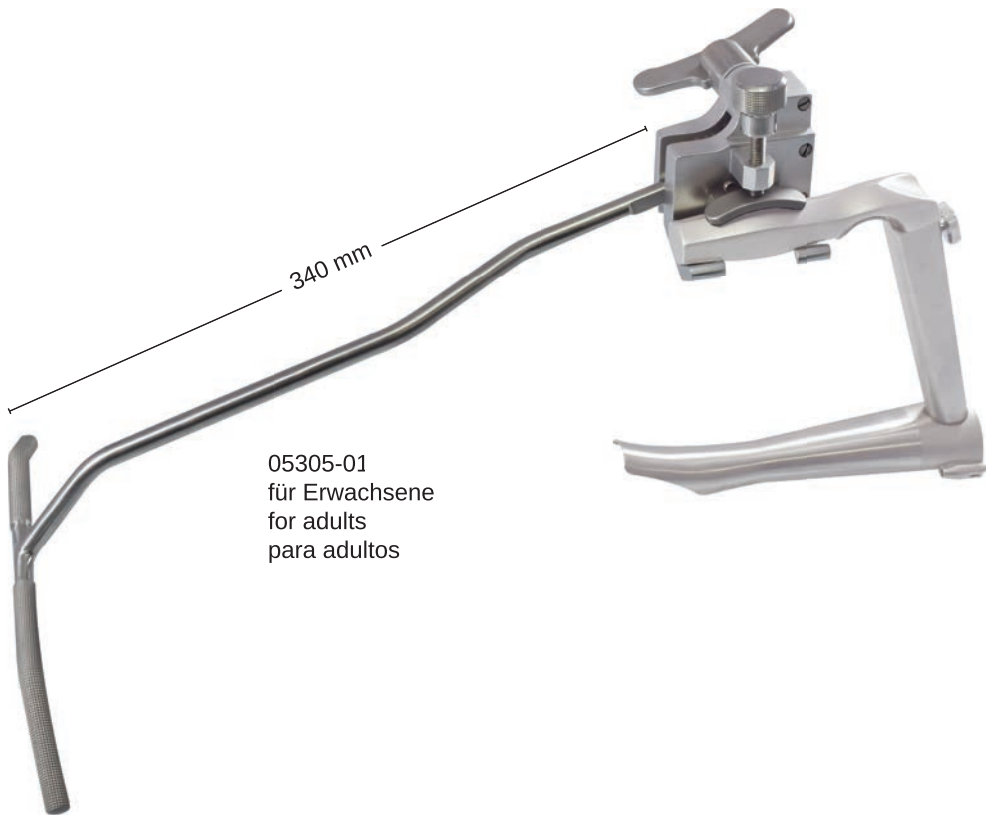
Chest Support for children, complete consisting of: 05300-04 / 05300-05 / 05300-06

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

05300-05
Gelenk
Joint
Articulacion



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



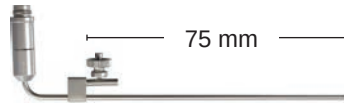
05305-02
Laryngoskope-Handgriff, abnehmbar
Laryngoscope Handle, detachable
Mango para laringoscopios, desmontable



Verwendung mit
use with
utilizar con

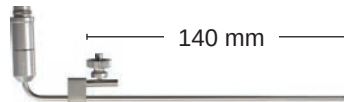
05305-01
LEWY Bruststütze für Operations-Laryngoskope
LEWY Chest Support for Operating Laryngoscope
Soporte pectoral LEWY para laringoscopios operativo

Fiberglas Lichtträger
Fiberglass Light Carriers
Portador de luz fría



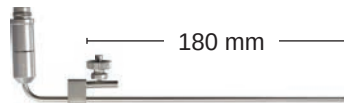
75 mm

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.

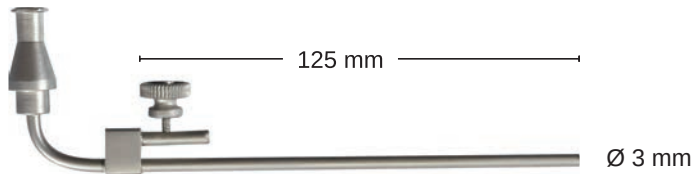
Fiberglas Lichtträger
Fiberglass Light Carriers
Portador de luz fría



05303-10
Leuchtklammer
Light Clip
Grapa para iluminación

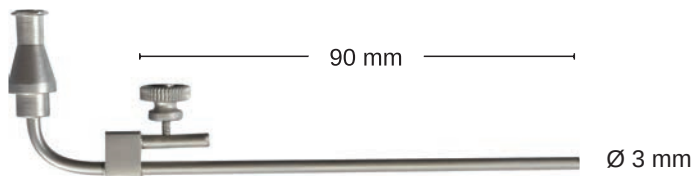
05304-01

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



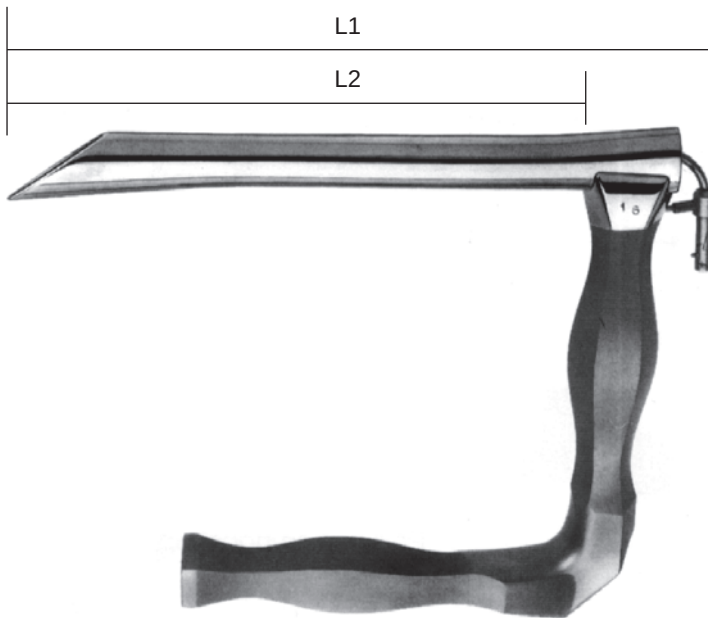
05304-02

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



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

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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

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Operations-Laryngoskope
Operation Laryngoscopes
Laringoscopios operativos



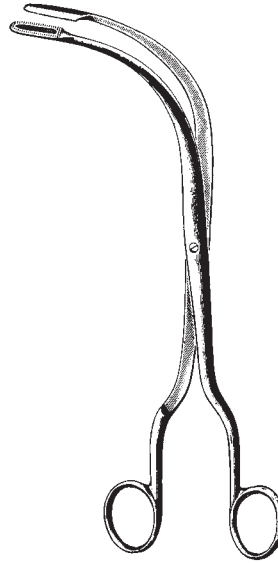
spreizbar
spreadable
desplegable

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

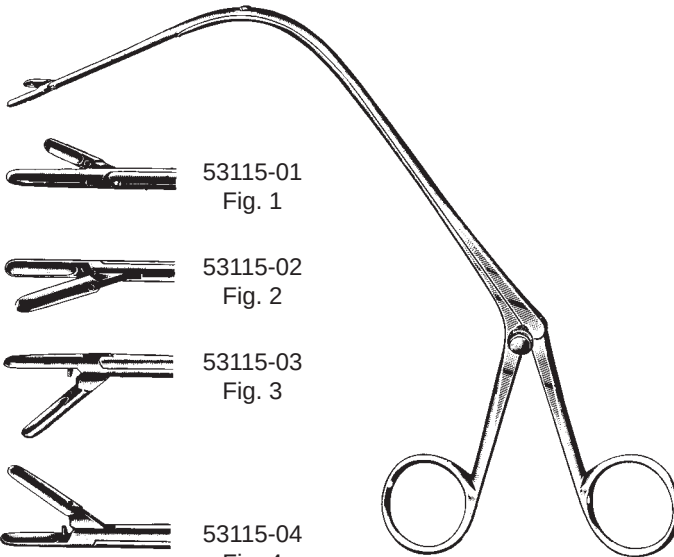


05303-10
Leuchtklammer
Light Clip
Grapa para iluminación

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



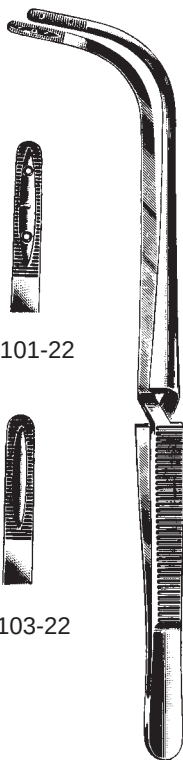
KILLIAN
53102-20
20 cm, 8"



53101-22



53103-22



JACKSON
22 cm, 8 3/4"

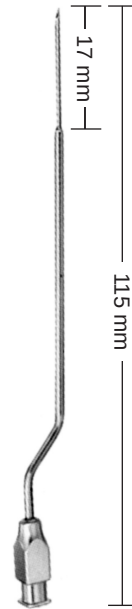


REICHERT
53121-24
24 cm, 9 1/2"

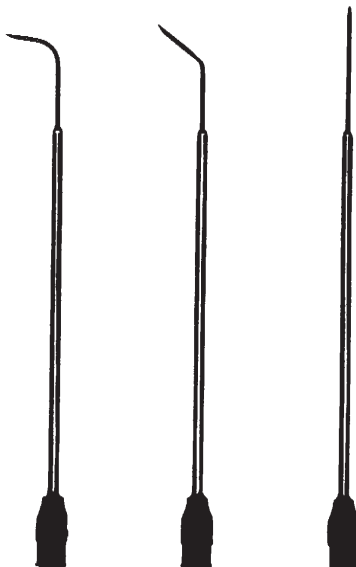
Kehlkopfkanülen, Tonsillenspritzen
Laryngeal Cannulas, Tonsil Syringes
Cánulas laringeales, Jeringas



51291-00
2,5 mm Ø



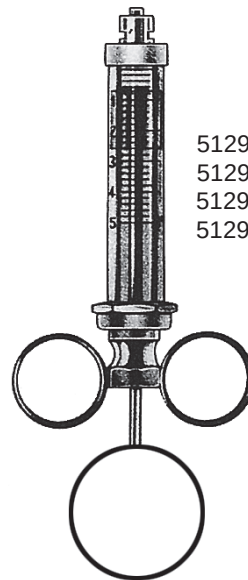
51293-00
0,8 mm Ø



51293-90
90°

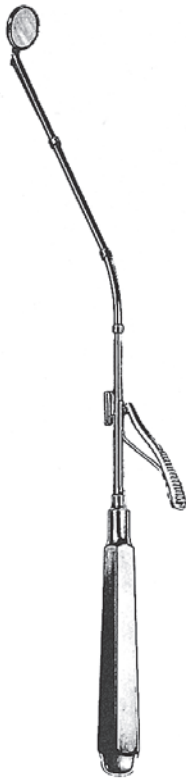
51293-45
45°

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"



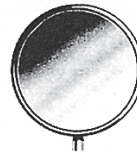
47139-12
12 mm



47139-14
14 mm

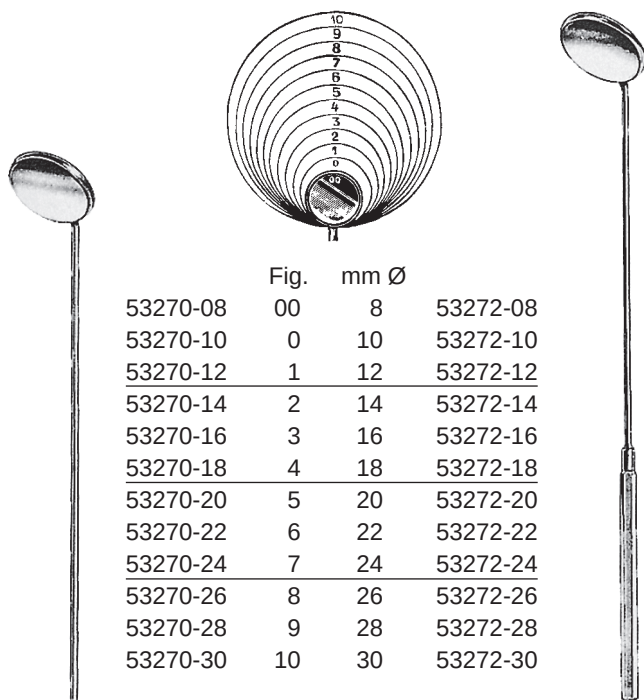


47139-16
16 mm



47139-18
18 mm

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



53270-08 - 53270-30

53272-08 - 53272-30

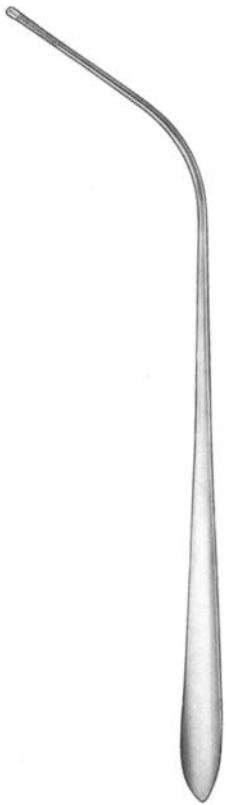


53274-12



53276-10

Kehlkopfwatteträger
Laryngeal Cotton Carriers
Porta-algodones laringeales



KILLIAN
21350-25
25 cm, 10"



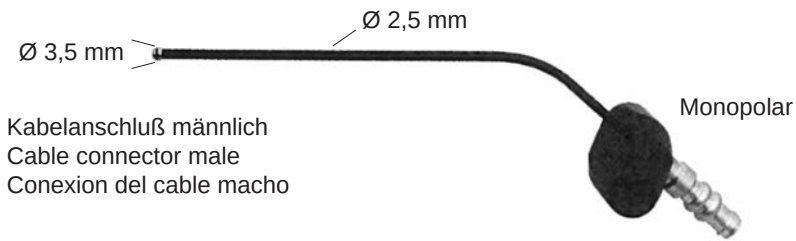
FEIN
21360-26
26 cm, 10 ¼"



21370-25
Ø 2,5 mm

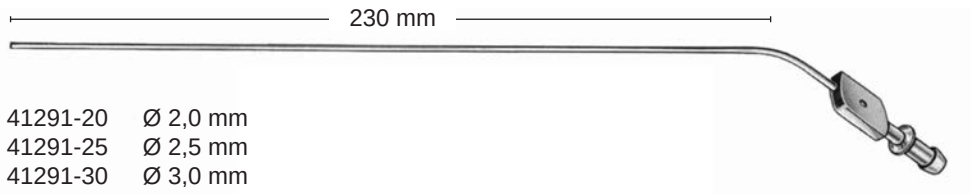
Saugrohre
Suction Tubes
Tubos de aspiración

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



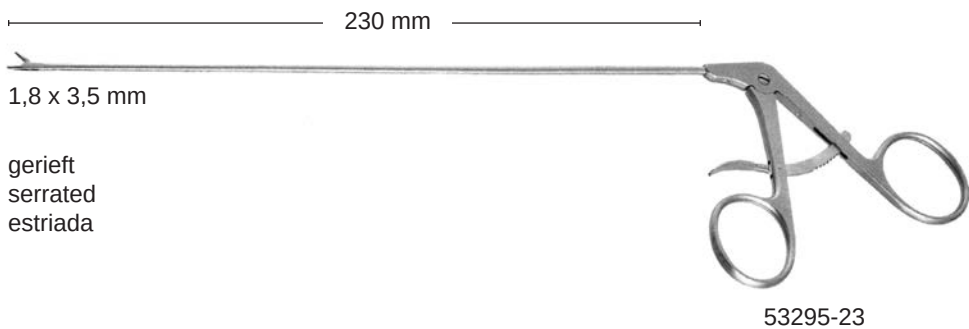
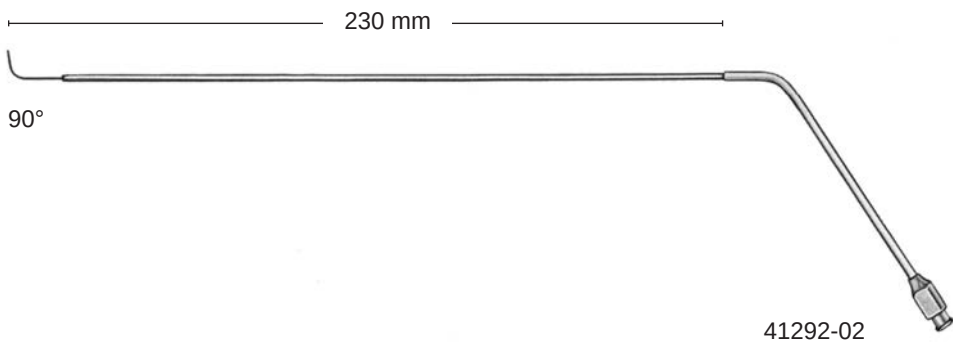
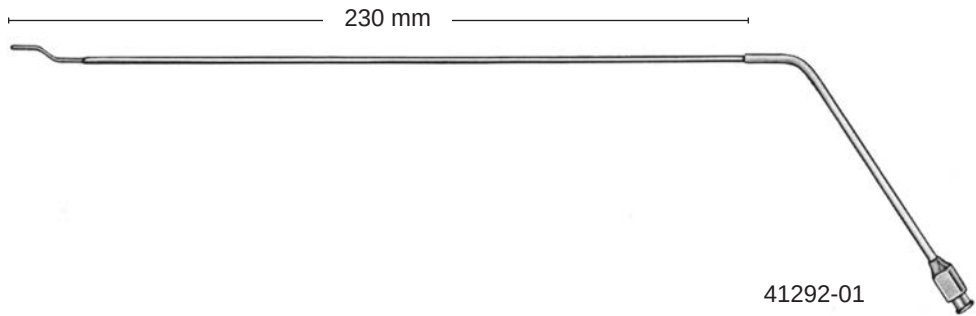
41312-10 Nutzlänge 10 cm, 4"
Working length 10 cm, 4"
Largo útil 10 cm, 4"

41312-26 Nutzlänge 26 cm, 10 1/4"
Working length 26 cm, 10 1/4"
Largo útil 26 cm, 10 1/4"

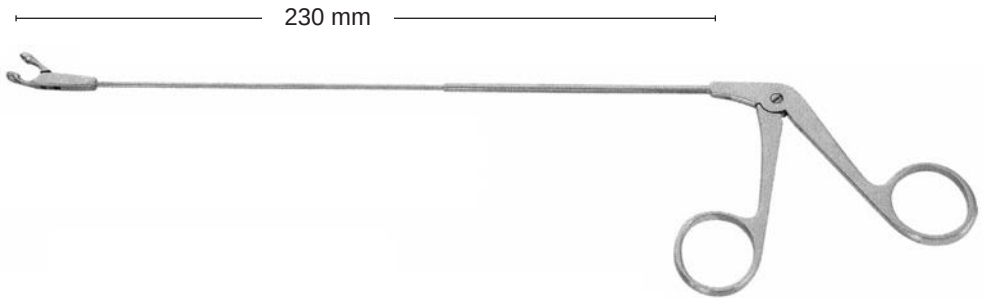


41291-20 Ø 2,0 mm
41291-25 Ø 2,5 mm
41291-30 Ø 3,0 mm

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

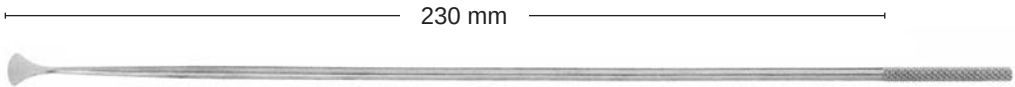
53280-11



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

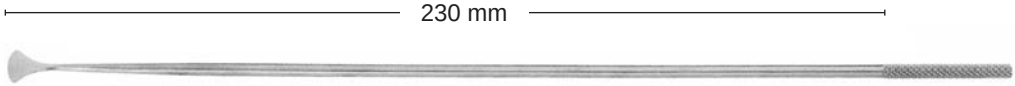
53290-06



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

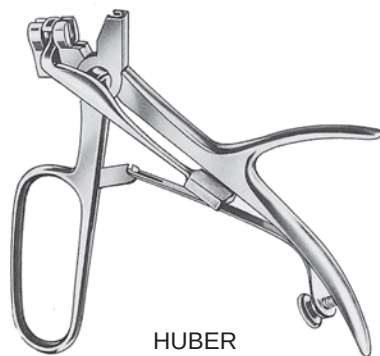


BRUENINGS
 53131-20
 20 cm, 8"



BRUENINGS

53132-20	20 cm, 8"	53132-50	50 cm, 19 3/4"
53132-30	30 cm, 11 3/4"	53132-60	60 cm, 23 1/2"
53132-40	40 cm, 15 3/4"		



HUBER
 53130-00



FRAENKEL
 53150-00



SEIFERT
 53152-00



FRAENKEL
 53154-00



SCHEINMANN
 53155-00



SCHEINMANN
 53157-00



53158-02



53158-03



BRUENINGS
 53158-02 - 53158-03



53160-02



53160-03



BRUENINGS
 53160-02 - 53160-03



LANGE
 53162-00



53164-01



53164-02



KRAUSE
 53164-01 - 53164-02



KRAUSE
 53166-00



SCHUMACHER
 53170-00



BARACANI
 53175-00



53177-01



53177-02



CORDES
 53177-01 - 53177-02



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D-78532 Tuttlingen

BRONCHOSKOPIE

BRONCHOSCOPY

BRONCOSCOPIA



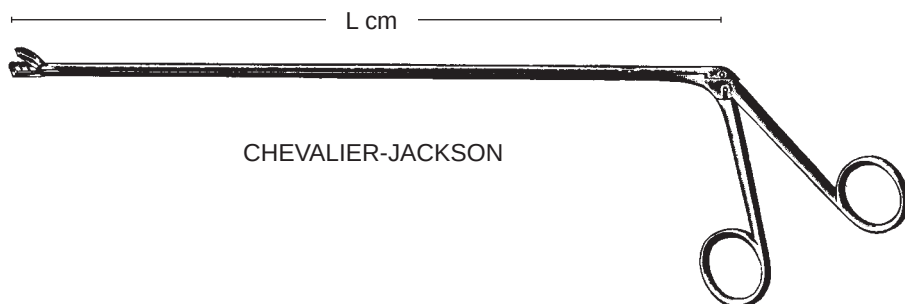
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Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!

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

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

Broncho-Oesophagoskopiezangen
Broncho-Esophagoscopy Forceps
Pinzas para bronco-esofagoscopia



				Ø 4 mm
				
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
30 cm / 11 $\frac{3}{4}$ "	53230-01	53230-02	53230-03	53230-04
40 cm / 15 $\frac{3}{4}$ "	53240-01	53240-02	53240-03	53240-04
50 cm / 19 $\frac{3}{4}$ "	53250-01	53250-02	53250-03	53250-04
60 cm / 23 $\frac{1}{2}$ "	53260-01	53260-02	53260-03	53260-04

				
	Fig. 5	Fig. 6	Fig. 7	Fig. 8
30 cm / 11 $\frac{3}{4}$ "	53230-05	53230-06	53230-07	53230-08
40 cm / 15 $\frac{3}{4}$ "	53240-05	53240-06	53240-07	53240-08
50 cm / 19 $\frac{3}{4}$ "	53250-05	53250-06	53250-07	53250-08
60 cm / 23 $\frac{1}{2}$ "	53260-05	53260-06	53260-07	53260-08



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SÄTZE

SET

SET



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Indikationen und Kontraindikationen finden Sie in der entsprechenden Gebrauchsanweisung!

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

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

SET/440: Grundsieb HNO / Basic set for ENT / Juego basico para ORL

03180-90	ZIEGLER head mirror 90mm	1x1
45246-14	ear forceps, HARTMANN 14cm	1x1
45206-14	ear forceps bayonet, LUCAE 14cm, without teeth	1x1
65110-15	tissue forceps, ALLIS 4x5 teeth, 15cm	1x1
17170-25	swab forceps serrated, FOERSTER straight, 25cm	1x1
45010-00	ear specula set of 4, HARTMANN	1x1
09304-14	operating sciss.fine, JOSEPH straight, 14,0cm	1x1
09305-14	operating sciss.fine, JOSEPH curved, 14,5cm	1x1
25137-11	BABY WEBSTER Needle Holder 4 3/4 TC smooth	1x1
45110-00	ear curette, BUCK straight, blunt, Fig. 0	1x1
45110-01	ear curette, BUCK straight, blunt, Fig. 1	1x1
45097-10	ear syringe complete, REINER 100ml	1x1
45150-18	paracentesis needle, POLITZER bajonet, 18cm	1x1
41299-03	Suction Tube Baron 3Fr	1x1
41299-05	suction tubes Baron 5Fr.	1x1
41299-07	suction tube, BARON 7 Fr.	1x1
45180-02	ear loop, BILLEAU, Fig.2, 16cm	1x1
45190-01	ear hooklet small, DAY, Fig. 1, 16cm	1x1
47112-01	nasal speculum, MOD.VIENNA for babies	1x1
47112-02	nasal speculum, MOD.VIENNA for children	1x1
47112-03	nasal speculum, MOD.VIENNA for adults	1x1
49107-19	tongue depressor, 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, FARABEUF straight, 15cm, 12,5mm	1x1
45807-20	elevator, LEMPERT 20.5cm	1x1
47415-18	FREER septum elevator, 18cm double ended, sharp/blunt	1x1
33605-04	gouge 13,5cm, 4mm	1x1
33605-06	gouge 13.5cm x 6mm	1x1
33605-08	gouge 13,5cm, 8mm	1x1
33602-04	osteotome 13,5cm, 4mm	1x1
33602-06	osteotome 13,5cm, 6mm	1x1
33602-08	osteotome 13,5cm, 8mm	1x1
33700-05	hammer, COTTLE flat/convex D. 30mm, 240gr., 18cm	1x1
47303-03	punch, KERRISON 17cm, shaft 85mm, 3x3mm	1x1
33156-18	bone rongeur, BEYER 18cm	1x1
45760-01	curette, HOUSE 1,0 / 1,2mm	1x1
33490-20	bone curette, LEMPERT 17,5cm, Fig. 00	1x1
33475-00	bone curette, SPRATT 17cm, Fig. 0	1x1
33475-01	bone curette, SPRATT 17cm, Fig. 1	1x1
13221-12	hemost.fcps., HALSTED-MOSQUITO curved, 12,0cm	4x1
13310-14	hemost.fcps., ROCHESTER-PEAN straight, 14cm	4x1
13311-14	hemost.fcps., ROCHESTER-PEAN curved, 14cm	4x1
13320-14	hemost.fcps., ROCHESTER-OCHSNER 1x2 teeth, straight, 14cm	2x1
65110-15	tissue forceps, ALLIS 4x5 teeth, 15cm	2x1
11170-12	forceps dressing serr., ADSON 12cm	1x1
11180-12	forceps tissue 1x2 t., ADSON 12cm	1x1
11188-12	forceps tissue, ADSON-BROWN 7x7 teeth, 12cm	1x1
11102-14	forceps dressing, 14,5cm	1x1
11120-14	forceps tissue 1x2 t. 14,5 cm	1x1
21320-18	cotton applicator, JOBSON-HORNE 18cm	1x1
09341-10	operating sciss.fine, IRIS curved, 10cm	1x1
09363-11	scissors, STEVENS blunt/blunt, curved 11cm	1x1
09305-14	operating sciss.fine, JOSEPH curved, 14,5cm	1x1
09283-15	diss.scissors, METZENBAUM-FINO curved, 15cm	1x1
09110-14	operating scissors, STANDARD pointed/blunt, straight 14,5cm	1x1
41299-03	Suction Tube Baron 3Fr	1x1
41299-05	suction tubes Baron 5Fr.	1x1
41299-07	suction tube, BARON 7 Fr.	1x1
41295-06	suction tube, FRAZIER/FERGUSON 19cm, 30°, Charr. 6	1x1
41295-08	suction tube, FRAZIER/FERGUSON 19cm, 30°, Charr. 8	1x1
41295-10	suction tube, FRAZIER/FERGUSON 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, LEMPert straight, 16cm, 2mm	1x1
41305-12	suction tubes, ROSEN D. 1,2mm	1x1
41305-15	suction tubes, ROSEN D. 1,5mm	1x1
41305-20	suction tubes, ROSEN D. 2,0mm	1x1
41307-00	WULLSTEIN suction handle for Rosen cann.	1x1
45709-10	knife circular, ROSEN 1.0mm	1x1
45724-06	hooklet, BARBARA 90° angled, 0,6mm	1x1
45724-10	hooklet, BARBARA 90° angled, 1,0mm	1x1
45724-15	hooklet, BARBARA 90° angled, 1,5mm	1x1
45724-25	hooklet, BARBARA 90° angled, 2,5mm	1x1
45766-40	Micro Measuring Rod, HOUSE 4.0mm	1x1
45766-50	Micro Measuring Rod, HOUSE 5.0mm	1x1
11120-11	forceps tissue 1x2 t. 11,5 cm	1x1
11120-14	forceps tissue 1x2 t. 14,5 cm	1x1
11405-05	forceps, jeweller Fig. 5 11cm, 0.15mm	1x1
11170-12	forceps dressing serr., ADSON 12cm	1x1
09285-12	dissecting sciss., METZENBAUM curved, TC 12,0cm	1x1
09340-10	operating sciss. fine, IRIS straight, 10cm	1x1
09358-11	Cottle bulldog-scissors cvd., 11,5cm	1x1
09111-14	operating scissors, STANDARD pointed/blunt, curved, 14,5cm	1x1
13221-12	hemost. fcps., HALSTED-MOSQUITO curved, 12,0cm	1x1
25164-15	needle holder, CRILE-WOOD serrated, TC, 15cm	1x1
45706-35	Round knife, PLESTER 15,5cm, size 3,5mm	1x1
45722-10	hooklet, BARBARA 45° angled, 1,0mm	1x1
45757-16	dissector, FISCH right, 16cm	1x1
45755-16	dissector, FISCH left, 16cm	1x1
45704-15	sickle knife, WULLSTEIN 15,5cm	1x1
45724-03	hooklet, BARBARA 90° angled, 0,3mm	1x1
45724-06	hooklet, BARBARA 90° angled, 0,6mm	1x1
45724-10	hooklet, BARBARA 90° angled, 1,0mm	1x1
21108-14	probe myrtle leaf 14,5 cm	1x1
45371-40	McGEE, wire bending forceps 0,8 x 4,0mm, 8cm	1x1
45362-45	ear fcps. micro spoon oval 4,5mm, straight	1x1
45267-20	ear polypus forceps, HARTMANN D. 2,0mm, 8,5cm	1x1
45255-08	ear polypus forceps, WULLSTEIN 8,5cm	1x1
45310-40	ear scissors micro, BELLUCCI micro mini, 4mm	1x1
45315-55	ear scissors micro, BELLUCCI micro 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, LUCAS 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 osteotome, 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/FERGUSON 19cm, 30°, Charr. 8	1x1
41295-10	suction tube, FRAZIER/FERGUSON 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/FERGUSON 19cm, 30°, Charr. 8	1x1
41295-10	suction tube, FRAZIER/FERGUSON 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**

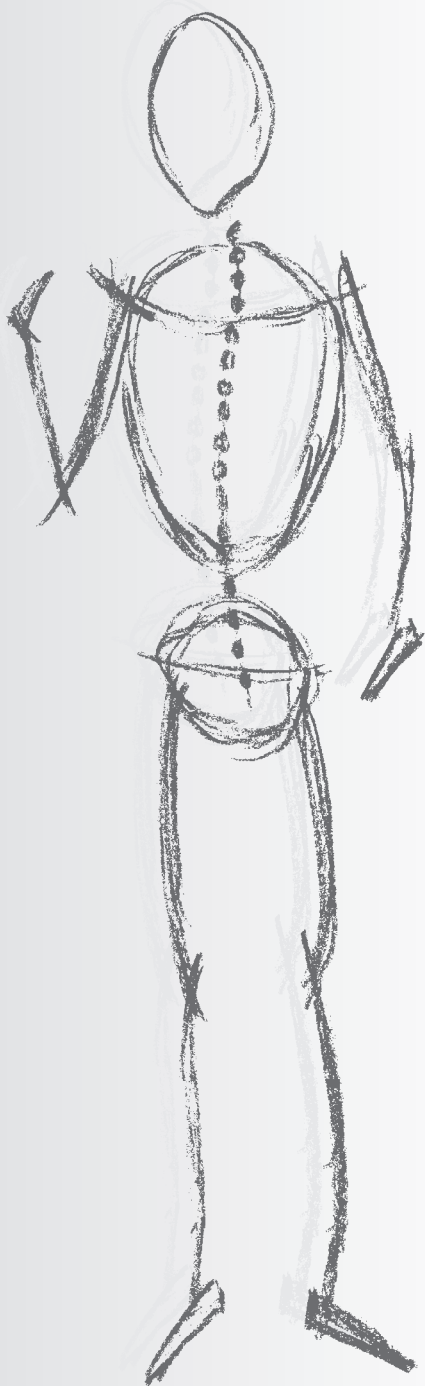
49342-01	tongue depress.,RUSSEL-DAVIS 29 x 67mm	1x1
49342-02	tongue depress.,RUSSEL-DAVIS 33 x 75mm	1x1
49342-03	tongue depress.,RUSSEL-DAVIS 38 x 85mm	1x1
49340-00	mouth gag only, DAVIS-MEYER	1x1
49111-15	tongue depressor, HARTMANN 15cm	1x1
47235-09	nasal cutting forceps,HARTMANN 9mm	1x1
49107-19	tongue 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 threated, 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/FERGUSON 19cm, 30°, Charr. 8	1x1
41295-12	suction tube, FRAZIER/FERGUSON 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	1x1
	european flat connector	



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NUMMERNVERZEICHNIS

NUMERICAL INDEX

INDICE NUMÉRICO



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03161-0048	05217-03324	05311-03.....339	09282-15 115, 189
03161-0149	05217-04324	05311-04.....339	09282-18189
03161-0250	05230-00330	05320-01340	09283-15 115, 189
03161-03C.....51	05230-00CL.....326	05320-02340	09283-18189
03161-03T.....51	05230-01330	05320-03340	09284-12188
03165-0722	05230-01CL.....326	05320-04340	09284-15 115, 188
03167-0322	05230-02330	05321-01340	09284-18188
03171-0052	05230-02CL.....326	05321-02340	09285-12188, 297
03171-0152	05230-03330	05321-03340	09285-15 115, 188,
03171-0252	05230-03CL.....326	05321-04340	 297
03180-9023	05230-04330	05322-01341	09285-18188, 297
03180-9223	05230-04CL.....326	05322-02341	09285-20297
03180-9323	05233-18333	05322-03341	09285-23297
03192-0024	05234-28333	05322-04341	09285-25297
03192-0124	05238-02332	05322-05341	09285-28297
03193-0025	05238-03332	05322-06341	09285-30297
03193-0125	05238-12332	05322-07341	09286-15 115, 189
03193-2024, 25	05238-13332	07296-00221	09286-18189
03194-0027	05239-01333	07490-00220	09287-15 115, 189
03194-0127	05239-02333	07490-01220	09287-18189
03195-0026	05239-03332	07490-02220	09302-14190
03195-0126	05300-01335	07495-31221	09303-14190
03195-0626	05300-02335	07496-31221	09304-14 116, 190
03195-0726	05300-03335	07498-00221	09305-14 116, 190
03195-0826	05300-04335	07499-00221	09310-12191
03196-0027	05300-05335	07499-01221	09310-15191
05150-21284	05300-06335	09110-11117	09314-12191
05150-27284	05301-01334	09110-13117	09321-15191
05151-01284	05301-02334	09110-14117	09321-18191
05151-02284	05301-03334	09111-11117	09340-09192
05203-00327	05301-04334	09111-13117	09340-10192
05204-00327	05301-05334	09111-14117	09340-11 117, 192
05210-00328	05301-06334	09270-15189	09341-09192
05210-01328	05301-07334	09270-18189	09341-10192
05210-02328	05302-01334, 337,	09271-15189	09341-11 117, 192
05210-03328	341	09271-18189	09342-08192
05210-04328	05302-02334, 337,	09274-15189	09343-08192
05211-00323	341	09274-18189	09344-11 117, 192
05211-01323	05302-03334, 337,	09275-15189	09345-11 117, 192
05211-02323	341	09275-18189	09346-11192
05211-03323	05303-01337	09280-12188	09348-01193
05211-04323	05303-10338, 341	09280-15 115, 188	09348-02193
05212-03322	05304-01338	09280-18188	09348-03193
05212-04322	05304-02338	09281-12188, 297	09348-04193
05213-03329	05305-01336	09281-15 115, 188,	09348-05193
05213-03CL.....325	05305-02336	297	09348-06193
05213-04329	05310-01339	09281-18188, 297	09349-12194
05213-04CL.....325	05310-02339	09281-20297	09350-09195
05215-02331	05310-03339	09281-23297	09350-10194
05215-03331	05310-04339	09281-25297	09351-09195
05215-04331	05311-01339	09281-28297	09352-09195
05217-02324	05311-02339	09281-30297	09352-10194

09353-09.....195	09981-11.....192	10206-11.....202	11260-15.....95
09354-10.....195	09982-12.....197	10206-11SC.....202	11270-12.....95
09355-10.....195	09983-12.....197	10207-11.....202	11270-15.....95
09356-10.....195	09984-11.....196	10207-11SC.....202	11272-15.....151
09357-10.....195	09985-11.....196	10220-00.....204	11273-15.....151
09358-11.....194	09993-15.....191	10220-00T.....204	11401-01.....96
09360-11.....196	09995-12.....191	10220-25.....204	11403-03.....96
09361-11.....196	10010-19.....200	10220-25T.....204	11403-04.....96
09362-11.....196	10011-19.....200	10220-45.....204	11404-04.....96
09363-11.....196	10012-19.....200	10220-45T.....204	11405-05.....96
09364-10.....298	10013-19.....200	10220-60.....204	11407-07.....96
09370-11.....116, 196	10014-19.....200	10220-60T.....204	13551-18.....283
09371-11.....116, 196	10015-19.....200	10220-90.....204	17131-21.....295
09374-11.....116, 196	10028-14.....201	10220-90T.....204	17133-17.....295
09375-11.....116, 196	10029-14.....201	10226-11.....205	17210-13.....155
09401-18.....198	10030-18.....201	10226-14.....205	17210-16.....155
09403-15.....198	10031-18.....201	10226-18.....205	17210-18.....155
09405-16.....198	10032-23.....201	10226-18T.....205	19122-13.....263
09405-16TC.....198	10033-23.....201	10227-11.....205	19210-12.....246
09406-10.....198	10034-14.....201	10227-14.....205	19211-12.....246
09407-10.....198	10035-14.....201	10227-18.....205	19212-01.....246
09425-17.....296	10036-18.....201	10227-18T.....205	19212-02.....246
09427-17.....296	10037-18.....201	10228-11.....205	19213-12.....246
09435-18.....296	10038-23.....201	10228-14.....205	19214-13.....246
09437-19.....296	10039-23.....201	10228-18.....205	19214-18.....246
09439-17.....296	10044-14.....201	10228-18T.....205	19215-01.....246
09540-16.....191	10045-14.....201	10229-11.....205	19215-02.....246
09541-16.....191	10048-14.....201	10229-14.....205	19215-03.....246
09542-16.....191	10049-14.....201	10229-18.....205	19215-13.....246
09543-16.....191	10050-12.....116	10229-18T.....205	19215-18.....246
09544-16.....191	10050-14.....201	10230-11.....205	19216-01.....247
09545-16.....191	10050-18.....201	10230-14.....205	19216-02.....247
09617-13.....198	10051-14.....201	10230-18.....205	19216-05.....247
09802-09.....199	10051-18.....201	10230-18T.....205	19216-07.....247
09802-11.....199	10061-19.....200	11112-18.....294	19216-10.....247
09804-14.....199	10061-19SC.....200	11112-21.....294	19217-03.....247
09805-09.....199	10061-19TC.....200	11112-25.....294	19217-05.....247
09823-12.....197	10061-23.....200	11116-18.....294	19217-07.....247
09824-12.....197	10061-23SC.....200	11116-21.....294	19218-01.....248
09825-12.....197	10061-23TC.....200	11116-25.....294	19218-02.....248
09826-12.....197	10201-11.....202	11120-11.....95	19218-11.....248
09828-12.....197	10201-11SC.....202	11126-18.....294	19220-01.....249
09829-12.....197	10202-11.....203	11126-21.....294	19220-02.....249
09831-12.....118, 299	10202-14.....119, 203	11126-25.....294	19220-03.....249
09835-12.....118, 299	10202-14T.....203	11170-12.....97	19220-04.....249
09966-11.....188	10202-18.....203	11170-15.....97	19221-01.....249
09967-11.....188	10202-18T.....203	11180-12.....97	19221-02.....249
09970-14.....188	10203-11.....203	11180-15.....97	19221-03.....249
09970-18.....188	10203-14.....119, 203	11190-10.....95, 151	19221-04.....249
09971-14.....188	10203-14T.....203	11258-15.....151	19226-02.....249
09971-18.....188	10203-18.....203	11259-15.....151	19226-03.....249
09980-11.....192	10203-18T.....203	11260-12.....95	19226-04.....249

19227-02	249	21290-12	64	25673-18T	124	33470-06	104
19227-03	249	21290-14	64	25674-14	124	33474-96	103
19227-04	249	21290-16	64	25674-18	124	33474-97	103
19283-01	114	21292-12	64	25675-14	124	33474-98	103
19283-02	114	21292-14	64	25675-18	124	33475-00	103
19283-03	114	21292-16	64	25676-14	124	33475-01	103
19314-07	263	21310-15	64	25677-14	124	33475-02	103
19314-14	263	21320-12	64	25691-18	124	33475-03	103
19314-20	263	21320-18	64	25700-18	123	33475-04	103
19344-14	263	21350-25	347	25701-18	123	33475-05	103
19344-20	263	21360-26	347	25720-12	123	33475-06	103
19344-26	263	21370-25	347	25720-12D	123	33476-01	104, 258
19499-00	263	23128-19	215	25720-13	123	33476-02	104, 258
19610-07	110	23140-02	215	25720-13D	123	33476-03	104, 258
19611-07	110	23181-40	215	25720-14	123	33485-99	105
19620-07	110	25110-12	209	25720-14D	123	33486-00	105
19620-10	110	25114-12	209	25730-18	123	33486-01	105
19621-07	110	25128-13	209	25730-18D	123	33486-02	105
19621-10	110	25129-13	209	25731-12	123	33486-99	105
19630-10	110	25130-13	209	25731-13	123	33487-00	105
19631-10	110	25134-13	209	25731-14	123	33487-01	105
19634-10	110	25136-11	209	25731-18	123	33487-02	105
19635-10	110	25137-11	209	25731-18D	123	33487-99	258
19650-10	111	25140-13	209	33115-15	106	33488-00	258
19651-10	111	25144-13	209	33117-15	106	33488-01	258
19654-13	111	25160-15	209	33119-15	106	33488-02	258
19655-13	111	25164-15	209	33131-15	106	33490-10	103
19670-14	111	25660-12	123	33133-15	106	33490-20	103
19670-16	111	25660-13	123	33148-18	106	33490-30	103
19671-14	111	25660-14	123	33150-16	107	33490-40	103
19671-16	111	25661-12	123	33151-16	107	33490-50	103
19672-11	113, 264	25661-13	123	33156-18	107	33495-16	103
19673-11	113, 264	25661-14	123	33157-02	107	33496-00	105
19674-15	112	25668-18	124	33157-03	107	33496-01	105
19675-13	113	25670-14	124	33201-18	107	33496-12	105
19677-10	113, 264	25670-18	124	33205-18	107	33498-00	105
19677-13	113, 264	25671-12D	123	33211-15	107	33498-01	105
19683-17	112	25671-13D	123	33213-15	107	33498-12	105
19684-14	112	25671-14	124	33280-15	108	33600-02	98
19685-14	112	25671-14D	123	33281-15	108	33600-03	98
19690-17	265	25671-18	124	33282-19	108, 208	33600-04	98
19691-17	265	25672-14	124	33283-17	108, 208	33600-05	98
21115-10	63	25672-14D	124	33393-18	104	33602-04	98
21270-12	63	25672-14T	124	33469-96	104	33602-06	98
21270-14	63	25672-18	124	33469-97	104	33602-08	98
21270-16	63	25672-18D	124	33469-98	104	33602-10	98
21272-12	63	25672-18T	124	33470-00	104	33602-12	98
21272-14	63	25673-14	124	33470-01	104	33602-14	98
21272-16	63	25673-14D	124	33470-02	104	33602-16	98
21277-12	63	25673-14T	124	33470-03	104	33604-04	98
21277-14	63	25673-18	124	33470-04	104	33604-06	98
21277-16	63	25673-18D	124	33470-05	104	33604-08	98

33604-1098	33665-12100	41295-15125, 213	41511-01.....181
33604-1298	33686-25259	41297-06213	41511-02.....181
33604-1498	33693-32102, 259	41297-07213	41511-03.....181
33604-1698	33694-01102, 259	41297-08213	41511-04.....181
33605-0498	33694-02259	41297-09213	41511-05.....181
33605-0698	33694-03102, 259	41297-10213	41512-01181
33605-0898	33695-40260	41297-11213	41512-02181
33605-1098	33696-75260	41297-12213	41512-03181
33605-1298	33698-98102, 260	41299-03128	41512-04181
33605-1498	33700-05102, 260	41299-05128	41512-05181
33605-1698	33700-08102	41299-07128	41803-0157
33620-0299	33701-1691	41300-00129	41807-0057
33620-0399	33702-1590	41300-02126	41810-1057
33620-0499	33703-1590	41300-03126	41821-2157, 148
33620-0599	33707-1786	41300-04126	41842-44148
33620-0699	33708-1986	41300-05126	41843-50148
33623-0299	33710-1986	41302-02125	41850-41148
33623-0399	33711-1687	41303-09126, 214	43376-13250
33623-0499	33712-1687	41303-12126, 214	43377-13250
33623-0599	33713-1687	41303-15126, 214	43602-01261
33623-0699	33713-1787	41303-18126, 214	43602-02261
33626-2598, 235	33714-1586	41303-25126, 214	43602-03261
33626-3598, 235	33716-1892	41303-30126, 214	43613-00262, 293
33628-0398	33718-1688	41303-45126, 214	43614-00262, 293
33628-0598	33720-19226	41304-06126	43614-01262, 293
33652-0299, 229	33720-20226	41304-08126	43614-12262, 293
33652-0399, 229	33722-0690, 227	41304-10126	43614-23262, 293
33652-0499, 229	33722-0890, 227	41305-05129	43614-34262, 293
33652-0699, 229	33724-0292	41305-06129	43614-45262, 293
33652-0899, 229	33724-0392	41305-07129	43614-56262, 293
33652-1099, 229	33724-0492	41305-08129	43614-67262, 293
33652-1299, 229	33740-1989	41305-09129	43614-78262, 293
33652-1599, 229	33741-1889	41305-10129	44650-01131
33654-0299, 229	33742-1889	41305-12129	44650-02131
33654-0399, 229	33743-1889	41305-15129	44651-01131
33654-0499, 229	33761-21290	41305-18129	44651-02131
33654-0699, 229	34520-02302	41305-20129	44652-01131
33654-0899, 229	34520-03302	41305-25129	44652-02131
33654-1099, 229	34520-04302	41305-30129	45009-0253
33654-1299, 229	41291-20348	41306-00127	45009-0353
33654-1599, 229	41291-25348	41306-05125, 127	45009-0453
33660-15228	41291-30348	41306-07125, 127	45010-0053
33660-20228	41292-01349	41306-09125, 127	45010-2053
33664-04100	41292-02349	41307-00129	45010-3053
33664-06100	41294-40213	41308-00127	45010-4553
33664-08100	41295-06125, 213	41312-10211, 348	45010-5553
33664-10100	41295-07125, 213	41312-26211, 348	45010-6553
33664-12100	41295-08125, 213	41510-01181	45010-7553
33665-04100	41295-09125, 213	41510-02181	45011-0053
33665-06100	41295-10125, 213	41510-03181	45011-0353
33665-08100	41295-11125, 213	41510-04181	45011-0453
33665-10100	41295-12125, 213	41510-05181	45011-0553

45011-07.....53	45060-03.....58	45111-00.....68	45193-03.....66, 250
45011-08.....53	45060-04.....58	45112-00.....68	45194-01.....67
45012-00.....53	45060-05.....58	45112-01.....68	45194-02.....67
45012-40.....53	45061-00.....58	45112-02.....68	45194-03.....67
45012-55.....53	45070-01.....58	45112-03.....69	45194-04.....67
45012-65.....53	45070-02.....58	45112-04.....69	45195-00.....67
45012-75.....53	45070-03.....58	45112-05.....69	45195-01.....67
45014-00.....53	45070-04.....58	45114-00.....68	45195-02.....67
45014-45.....53	45070-05.....58	45115-00.....68	45195-15.....66
45014-55.....53	45070-06.....58	45115-01.....68	45201-11.....94, 152
45014-65.....53	45071-00.....58	45115-02.....68	45201-13.....94, 152
45014-75.....53	45072-01.....59	45115-03.....69	45203-11.....94, 152
45015-00.....53	45073-01.....59	45115-04.....69	45206-14.....94, 152
45015-45.....53	45073-02.....59	45115-05.....69	45206-16.....94, 152
45015-55.....53	45073-03.....59	45116-00.....68	45207-16.....94, 152
45015-65.....53	45073-04.....59	45117-00.....68	45208-14.....94, 152
45018-00.....53	45073-05.....59	45117-01.....68	45209-12.....97
45018-50.....53	45073-06.....59	45117-02.....68	45220-16.....72
45018-60.....53	45074-01.....59	45117-03.....69	45222-17.....72
45018-70.....53	45075-00.....59	45117-04.....69	45225-02.....72
45018-80.....53	45076-01.....59	45117-05.....69	45243-14.....74, 155
45019-30.....54	45080-00.....60	45133-01.....70	45245-12.....74
45019-40.....54	45090-00.....60	45133-02.....70	45246-12.....74
45019-45.....54	45090-02.....60	45133-03.....70	45246-14.....74
45019-50.....54	45090-03.....60	45133-04.....70	45251-10.....73
45019-55.....54	45090-04.....60	45133-05.....70	45253-11.....73
45019-60.....54	45090-05.....60	45150-18.....70	45255-08.....75
45019-65.....54	45090-06.....60	45151-16.....70	45257-08.....75, 175
45019-70.....54	45090-08.....60	45152-01.....70	45261-08.....75
45019-75.....54	45091-00.....61	45152-02.....70	45261-14.....75
45020-30.....54	45091-01.....61	45153-16.....71	45261-16.....75
45020-40.....54	45091-02.....61	45160-15.....71	45263-08.....75
45020-45.....54	45091-03.....61	45162-18.....71	45263-14.....75
45020-50.....54	45091-04.....61	45164-17.....71	45265-08.....75
45020-55.....54	45091-15.....61	45165-17.....71	45267-20.....75, 175
45020-60.....54	45091-17.....61	45171-12.....65	45267-25.....75, 175
45020-65.....54	45091-22.....61	45173-12.....65	45267-30.....75
45020-70.....54	45096-00.....62	45180-01.....65	45269-30.....75
45020-75.....54	45096-50.....61	45180-02.....65	45271-08.....75
45030-04.....55	45096-75.....61	45180-03.....65	45273-08.....75
45030-06.....55	45097-01.....61	45181-13.....65	45274-08.....75
45030-07.....55	45097-02.....61	45184-16.....65	45275-08.....75, 175
45030-08.....55	45097-03.....61	45185-15.....65	45276-08.....75
45030-10.....55	45097-10.....61	45190-01.....66	45300-30.....80
45036-03.....56	45097-15.....61	45190-02.....66	45310-40.....80
45036-06.....56	45109-00.....68	45192-01.....66	45312-55.....80
45036-07.....56	45110-00.....68	45192-02.....66	45313-55.....80
45036-08.....56	45110-01.....68	45192-03.....66	45315-55.....80
45036-09.....55	45110-02.....68	45192-04.....66	45317-55.....80
45036-10.....55	45110-03.....69	45192-05.....66	45320-70.....80
45060-01.....58	45110-04.....69	45193-01.....66, 250	45321-70.....80
45060-02.....58	45110-05.....69	45193-02.....66, 250	45322-70.....80

45324-03	82	45704-15	122	45737-15	136	47050-07	140
45325-03	82	45705-15	122	45741-03	136	47060-01	140
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45350-70	76	45708-16	121	45741-10	136	47060-03	140
45352-40	76	45709-10	120	45743-03	136	47102-01	141
45353-60	76	45709-14	120	45743-06	136	47102-02	141
45355-60	76	45709-16	120	45743-10	136	47102-03	141
45357-40	76	45709-20	120	45745-03	136	47103-01	142
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45360-35	76	45709-28	120	45745-10	136	47103-03	142
45361-01	77	45709-30	120	45746-20	137	47112-01	143
45361-02	77	45710-14	120	45747-03	136	47112-02	143
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45361-04	77	45710-20	120	45747-10	136	47113-03	143
45361-05	77	45710-25	120	45748-16	137	47116-13	144
45362-45	77	45711-15	135	45749-16	137	47116-14	144
45363-45	77	45713-15	135	45750-16	137	47118-13	144
45365-45	77	45715-17	135	45751-16	93	47120-35	144
45367-50	77	45720-03	135	45753-16	93	47120-35S	145
45369-50	77	45720-06	135	45755-16	93	47120-50	144
45370-50	81	45720-10	135	45756-10	138	47120-50S	145
45371-40	81	45722-03	135	45756-20	138	47120-75	144
45372-60	81	45722-04	135	45756-30	138	47120-75S	145
45385-01	84	45722-06	135	45756-40	138	47120-90	144
45385-02	84	45722-08	135	45756-50	138	47120-90S	145
45387-01	84	45722-10	135	45757-16	93	47124-35	146
45387-02	84	45722-12	135	45758-01	93	47124-35S	147
45390-35	78	45722-15	135	45758-02	93	47124-50	146
45390-50	78	45722-20	135	45758-03	93	47124-50S	147
45391-35	78	45722-25	135	45760-01	133	47124-75	146
45392-35	78	45724-03	135	45760-02	133	47124-75S	147
45393-50	78	45724-04	135	45762-01	133	47124-90	146
45394-50	78	45724-06	135	45762-02	133	47124-90S	147
45400-01	79	45724-08	135	45766-35	132	47139-12	345
45400-02	79	45724-10	135	45766-40	132	47139-14	345
45400-03	79	45724-12	135	45766-45	132	47139-16	345
45401-25	79	45724-15	135	45766-50	132	47139-18	345
45402-10	79	45724-20	135	45770-01	134	47151-15	149
45403-13	79	45724-25	135	45770-16	137	47151-18	149
45404-13	79	45725-05	135	45771-16	137	47154-20	150
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45411-01	83	45730-03	136	45803-16	88	47158-20	154
45412-01	83	45730-06	136	45805-16	88	47159-20	154
45413-01	83	45730-10	136	45806-16	88	47161-16	154
45414-01	83	45732-03	136	45806-17	92	47161-20	154
45430-00	85	45732-06	136	45807-20	91	47167-18	156
45440-19	85	45732-10	136	47050-01	140	47169-18	156
45701-01	122	45733-05	136	47050-02	140	47171-14	155
45701-02	122	45733-10	136	47050-03	140	47173-14	155
45702-01	121	45735-05	136	47050-04	140	47181-18	157
45702-02	121	45735-10	136	47050-05	140	47185-18	157
45703-15	122	45736-15	136	47050-06	140	47191-01	158

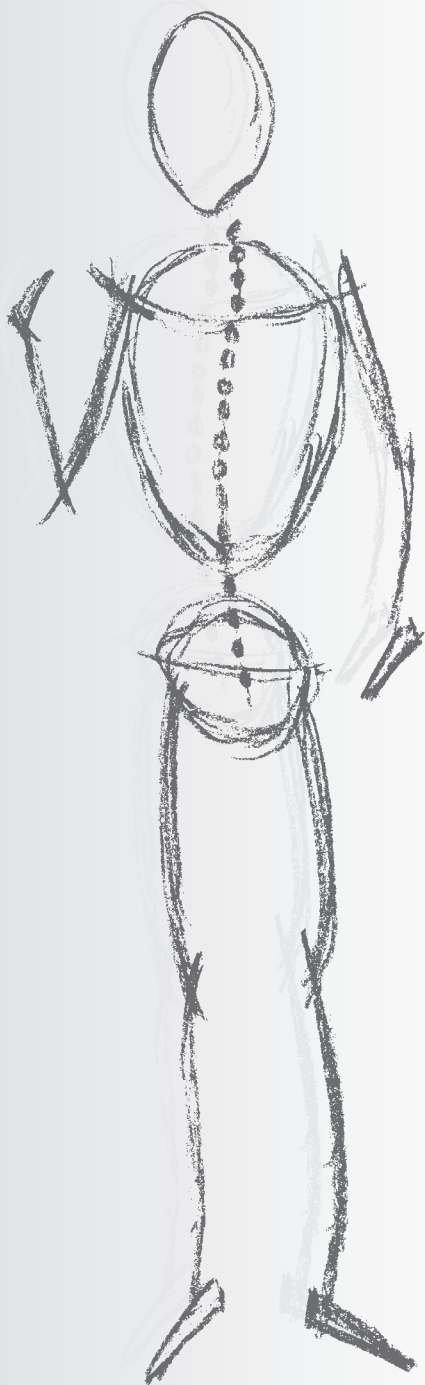
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47223-01164	47235-13307	47320-00167	47370-16216
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47224-30180	47255-02166	47323-00185	47385-15217
47224-35180	47256-20206	47323-10178	47386-01217
47224-40180	47303-03109, 182	47323-19159	47386-02217
47225-01164	47303-04109, 182	47323-80178	47387-01256
47225-02164	47303-05109, 182	47324-00185	47387-02256
47225-03164	47303-06109, 182	47324-01176	47388-01257
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47226-01168	47304-02182	47324-03177	47388-03257
47226-02168	47304-03182	47324-04177	47388-04257
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47227-35180	47311-30109	47326-03179	47399-02257
47227-40180	47312-00184	47327-01179	47410-0492, 222
47230-00170	47313-00184	47327-02179	47410-0592, 222
47230-01170	47314-00184	47327-03179	47410-16222
47230-02170	47315-00184	47331-20212	47411-16222
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47230-04170	47316-11178	47331-30212	47413-19222
47230-05170	47316-16183	47331-40212	47414-21222
47230-06170	47316-70178	47332-20212	47415-1891, 223
47231-00171	47316-90178	47332-25212	47417-19223

47419-19	223	47472-16	232	47541-14	251	47642-01	309
47420-01	223	47473-01	233	47542-12	251	47642-02	309
47420-02	223	47473-02	233	47551-16	251	47642-03	309
47420-03	223, 261	47473-03	233	47551-16CL	251	49102-16	268
47420-04	224	47474-01	233	47552-16	251	49104-15	268
47420-20	224	47474-02	233	47553-15	252	49105-16	268
47421-21	224	47474-03	233	47554-01	253	49106-01	268
47421-23	224	47475-04	234	47554-02	253	49107-19	268
47422-22	224	47475-06	234	47554-03	253	49108-15	268
47423-22	224	47475-08	234	47555-08	253	49109-19	268
47424-16	225	47482-05	236	47556-16	253	49110-19	269
47425-19	225	47484-04	236	47557-17	253	49111-15	269
47426-22	225	47484-06	236	47558-15	254	49115-01	269
47427-21	261	47484-08	236	47559-20	252	49115-02	269
47428-21	225	47486-16	236	47560-18	254	49117-11	269
47430-22	225	47487-16	236	47562-18	254	49119-14	270
47450-04	100, 230	47489-16	236	47563-22	255	49230-11	270
47451-04	100, 230	47502-16	238	47564-16	254	49231-12	270
47454-04	100, 231	47504-18	238	47565-10	153	49231-14	270
47454-07	100, 231	47507-17	238	47566-12	252	49231-16	270
47454-09	100, 231	47507-18	238	47568-08	255	49235-19	270
47454-12	100, 231	47511-21	239	47569-14	250	49250-16	270
47455-06	231	47513-21	239	47571-23	160	49250-18	270
47457-03	235	47514-16	239	47572-23	160	49255-16	270
47457-05	235	47516-16	239	47573-23	160	49265-12	271
47458-04	231	47518-21	239	47575-23	160	49265-14	271
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47458-09	231	47522-01	241	47607-01	256	49270-16	271
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47461-00	237	47523-01	238	47607-06	256	49274-13	271
47463-10	234	47523-02	238	47620-00	308	49274-15	271
47463-12	234	47524-01	238	47620-01	308	49287-02	272
47463-14	234	47525-20	238	47620-02	308	49287-03	272
47470-04	232	47526-16	243	47620-03	308	49287-04	272
47470-05	232	47526-20	238	47620-04	308	49287-05	272
47470-06	232	47527-16	243	47620-05	308	49288-02	272
47470-07	232	47528-01	242	47620-06	308	49288-03	272
47471-02	101, 232	47528-02	242	47630-00	308	49288-04	272
47471-03	101, 232	47529-16	243	47630-01	308	49288-05	272
47471-04	101, 232	47530-00	130, 244	47630-02	308	49310-00	273
47471-05	101, 232	47530-01	130, 244	47630-03	308	49310-01	273
47471-06	101, 232	47530-02	130, 244	47630-04	308	49310-02	273
47471-07	101, 232	47532-19	244	47636-01	309	49310-03	273
47471-08	101, 232	47533-19	244	47636-02	309	49310-04	273
47471-10	101, 232	47534-19	244	47636-03	309	49310-05	273
47471-12	101, 232	47535-01	245	47636-04	309	49310-09	274
47472-10	232	47535-02	245	47641-01	309	49310-10	274
47472-12	232	47535-20	245	47641-02	309	49310-11	274
47472-14	232	47540-16	251	47641-03	309	49310-12	274

49315-00275	50237-3531	51185-19.....281	53131-20354
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49360-10280	51103-22288	51290-05210, 306	53230-06356
49400-01280	51104-18288	51290-10210, 306	53230-07356
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50236-0830	51111-23289	51291-00210, 306,	53240-01356
50236-1030	51131-22290	344	53240-02356
50236-1430	51133-23290	51292-00210, 306,	53240-03356
50236-1830	51134-21290	344	53240-04356
50236-2330	51135-01290	51293-00210, 306,	53240-05356
50236-3130	51135-02290	344	53240-06356
50236-3530	51139-25291	51293-45210, 306,	53240-07356
50236-4030	51143-24291	344	53240-08356
50236-4530	51151-19292	51293-90210, 306,	53250-01356
50236-5030	51165-22285	344	53250-02356
50236-6030	51167-22285	53101-22343	53250-03356
50236-7030	51168-23285	53102-20343	53250-04356
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53260-06	356	53290-05	352	91010-02	34	91127-16	36
53260-07	356	53290-06	352	91010-03	34	91142-16	37
53260-08	356	53290-07	352	91010-11	34	91144-16	37
53270-08	346	53290-08	353	91010-12	34	91146-16	37
53270-10	346	53290-11	353	91010-13	34	91152-19	37
53270-12	346	53290-12	353	91010-14	34	91154-19	37
53270-14	346	53290-13	353	91010-15	34	91157-19	37
53270-16	346	53290-14	353	91010-16	34	91159-19	37
53270-18	346	53290-15	353	91010-17	34	91160-03N	40
53270-20	346	53290-16	353	91010-18	34	91160-05N	40
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53270-30	346	55115-07	314	91010-35	34	91162-19	38
53272-08	346	55116-15	314	91010-36	34	91164-19	38
53272-10	346	55117-17	314	91011-51	35	91166-03N	41
53272-12	346	55118-16	315	91011-52	35	91166-05N	41
53272-14	346	55119-16	315	91011-53	35	91166-10N	41
53272-16	346	55120-15	315	91011-54	35	91166-19	38
53272-18	346	55122-16	315	91011-55	35	91166-20N	41
53272-20	346	55124-16	315	91011-56	35	91167-19	38
53272-22	346	55151-05	315	91011-61	35	91168-05N	41
53272-24	346	55151-07	315	91011-62	35	91168-10N	41
53272-26	346	55151-09	315	91020-01	35	91169-19	38
53272-28	346	55220-04	316	91020-02	35	91172-03	38
53272-30	346	55220-05	316	91020-03	35	91172-07	38
53274-12	346	55220-06	316	91020-04	35	91172-12	38
53276-10	346	55220-07	316	91022-05	35	91176-19	44
53280-01	350	55220-08	316	91022-10	35	91177-20	44
53280-02	350	55220-09	316	91022-20	35	91178-14	45
53280-03	350	55220-10	316	91024-10	35	91179-18N	43
53280-04	351	55220-11	316	91024-15	35	91180-05N	40
53280-05	351	55220-12	316	91024-20	35	91180-10N	40
53280-06	351	55220-13	316	91030-02	35	91180-20N	40
53280-07	351	55240-04	316	91030-04	35	91182-10N	40
53280-08	351	55240-05	316	91030-06	35	91182-20N	40
53280-09	351	55240-06	316	91102-11	36	91200-05N	40
53280-10	351	55240-07	316	91104-11	36	91200-10N	40
53280-11	351	55240-08	316	91109-11	36	91200-20N	40
53280-12	351	55240-09	316	91110-03N	40	91201-20S	42
53280-16	350	55240-10	316	91110-05N	40	91202-05N	40
53280-17	350	55240-11	316	91110-10N	40	91202-10N	40
53280-18	350	55240-12	316	91112-03N	40	91202-20N	40
53280-19	351	55240-13	316	91112-05N	40	91206-05N	41
53280-20	351	55501-15	317	91112-10N	40	91206-10N	41
53280-21	351	55503-15	317	91113-11	36	91206-20N	41
53280-22	351	55511-21	317	91115-11	36	91207-10N	41
53290-01	352	55520-15	318	91122-16	36	91208-10N	41
53290-02	352	55520-20	318	91123-16	36	91220-10N	40
53290-03	352	55523-17	318	91124-16	36	91220-20N	40
53290-04	352	91010-01	34	91125-16	36	91222-10N	40

91222-20N.....40	R400-027175-070...15
91226-05N.....41	R400-040175-000...15
91226-10N.....41	R400-040175-030...15
91226-20N.....41	R400-040175-045...15
91227-10N.....41	R400-040175-070...15
91228-10N.....41	R501-027041-000...17
91240-10N.....40	R501-027041-030...17
91242-10N.....40	R501-040050-000...17
91246-05N.....41	R501-040050-030...17
91246-10N.....41	R503-100148-070...17
91246-20N.....41	R503-100173-070...17
91300-10N.....40	R503-110145-090...17
91300-20N.....40	R503-110173-090...17
93250-15T123	R805-130402-034...14
93250-18T123	R900-000000-01....20
93251-15T123	R900-000000-02....20
93251-18T123	R900-000000-03....20
93260-15T123	R900-000000-04....20
93260-18T123	R900-000000-05....20
93261-15T123	R900-000000-06....20
93261-18T123	R900-000000-07....20
93755-14207	R900-000000-09....20
93756-14207	R900-000000-11....20
93757-14207	R900-000000-13....20
R010-030302-000...18	R900-000000-15....20
R010-030302-030...18	R900-000000-21....20
R010-050240-000...18	R900-000000-31....20
R010-050240-030...18	R900-035180-00....19
R010-050240-070...18	R900-035230-00....19
R010-055490-000...18	R900-035300-00....19
R010-055490-030...18	R900-035350-00....19
R065-020080-003...39	R900-048180-00....19
R065-020080-005...39	R900-048230-00....19
R065-020080-103...39	R900-048250-00....19
R065-020080-105...39	R900-048300-00....19
R065-040000-003...39	R900-048350-00....19
R065-040000-005...39	R901-035180-00....19
R065-040000-103...39	R901-035230-00....19
R065-040000-105...39	R901-035300-00....19
R065-040125-003...39	R901-035350-00....19
R065-040125-005...39	R901-048180-00....19
R065-040125-103...39	R901-048230-00....19
R065-040125-105...39	R901-048250-00....19
R065-040285-003...39	R901-048300-00....19
R065-040285-005...39	R901-048350-00....19
R065-040285-103...39	
R065-040285-105...39	
R300-040302-000...16	
R300-040302-030...16	
R300-040302-070...16	
R400-027175-000...15	
R400-027175-030...15	



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

ALPHABETISCHER INDEX

ALPHABETICAL INDEX

INDEX ALPHABÉTICO



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A			
ABRAHAM, Tonsillennmesser	287	AUFRICT, Nasenhaken	251
ABRAHAM, Tonsillenzange	282	AUFRICT, Nasenraspel	239
Absaugrohr f. Laryngoskope	338	Aufsatz, BARACANI	354
ACM-Kaltlichtkabeladapter	20	Aufsatz, BRUENINGS	354
Adapter	20	Aufsatz, CORDS	354
Adapter Winter+IBE	20	Aufsatz, FRAENKEL	354
Adapter, ACM	20	Aufsatz, KRAUSE	354
Adapter, Aesculap	20	Aufsatz, LANGE	354
Adapter, British	20	Aufsatz, SCHEINMANN	354
Adapter, Codman	20	Aufsatz, SCHUMACHER	354
Adapter, Comeg	20	Aufsatz, SEIFERT	354
Adapter, Dyonics	20	B	
Adapter, Endoskope	20	BABY-METZENBAUM,	
Adapter, Fuji	20	Supercutschere	188
Adapter, Heine	20	BABY-WEBSTER, Nadelhalter	209
Adapter, Henke-Sass-Wolf	20	BABY-YANKAUER, Saugrohr	284
Adapter, HOUSE	129	Ball, KABIERSKE	60
Adapter, Kaltlichtkabel	20	BALLENGER, Schwingmesser	218
Adapter, Lichtquellen	20	BALLENGER, Septumlevatorium	225
Adapter, Medicon	20	BALLENGER, Tonsillenzange	281
Adapter, MLW	20	BALLENGER-HAJEK,	
Adapter, Olympus	20	Septumlevatorium	225
Adapter, Pentax	20	BALLENGER-SLUDER,	
Adapter, Stirnleuchte	24, 25	Tonsillotom	305
Adapter, Storz	20	BANE-HARTMANN,	
Adapter, Volpi-Schölly-RFO	20	Hohlmeißelzange	106
Adapter, Wolf	20	BARACANI, Aufsatz	354
Adenotom, LAFORCE	309	BARANY, Lärmtrummel	60
ADSON, anatomische Pinzette	97	BARBARA, Hähchen	135, 136
ADSON, chirurgische Pinzette	97	BARBARA, Nadel	135
ADSON, Wundspreizer	112	BARNHILL, Ringmesser	308
ALDERDYCE, Tonsillendissektor	290	BARON, Saugrohr	128
ALM, Wundspreizer	110	BARRAQUER, Mikro Nadelhalter	123
anatomische Pinzette, ADSON	97	BARSKY, Wundhähchen	248
anatomische Pinzette, McINDOE	151	BARTH, scharfer Löffel	104
anatomische Pinzette,		Batteriegriffe	332, 333
POTTS-SMITH	294	BECKMANN, Ringmesser	308
anatomische Pinzette, SEMKEN	95	BELLUCCI, Mikro Ohrschere	80
ANDERSON-NEIVERT, Osteotom	233	BERGMANN, Wundhähchen	250
ANDREW, Zungendrucker	269	BEUSE, Face-Lift-Schere	201
Antihaftpinzetten, bipolar	40, 41	BEYER, Hohlmeißelzange	107
Antrumhähchen, PLESTER	137	Biegegerät, SCHUHKNIGHT	85
Antrumküretten	256, 257	BILLEAU, Ohrschlinge	65
Antrumkürette, COAKLEY	256	Biopsie- u. Faßzange, Optiken	15
Antrumkürette, FAULKNER	256	Biopsiestanze	179
Antrumlöffel	257	Biopsiezange	167
Antrumraspel, WIENER	238	bipolare Koagulationselektoden	44, 45
Antrumstanze	184, 185	bipolare Pinzetten	36-38, 41
Antrumstanze, OSTROEM	184	bipolare Saugpinzette	42
Arthroskop	15	bipolare Stichkoagulationselektrode	44
ASCH, Septumrichtzange	160	bipolare Verbindungskabel	39
		bipolare Pinzette, antihafte	40, 41
		BLAKESLEY, Nasenzange	
			164, 168, 180
		Bleischschere, UNIVERSAL	118, 299
		Blepharoplastischere,	
		GREENBERG-PAR	202
		Blepharoplastischere, KAYE	202
		BLOHMKE, Tonsillenzange	281
		BLUMENTHAL,	
		Hohlmeißelzange	106
		Blutstillungsmeißel,	
		PASSOW	98, 235
		BOEHLER, Hohlmeißelzange	107
		BOETTCHE, Tonsillenschere	296
		Bohrer, HNO	30, 31
		BOIES, Elevatorium	226
		BONN, feine Schere	192
		BOSE, Trachealhaken	315
		BOSE, Trachealwundspreizer	314
		BOUCHERON, Ohrspekula	53
		BOWMAN, Sonde	262, 293
		Brille, FRENZEL	22
		Bronchoskop	18
		Bronchoskopiezange,	
		CHEVALIER-JACKSON	356
		Bronchoskopiezange,	
		JACKSON-CHEVALIER	356
		BRUENINGS, Aufsatz	354
		BRUENINGS, Ohrspekula	55
		BRUENINGS, Septumzange	158
		BRUENINGS, Tonsillennmesser	287
		BRUENINGS, Tonsillenschnürer	301
		BRUENINGS,	
		Verlängerungsrohr	354
		BRUENINGS, Zungenspatel	268
		BRÜNINGS-BRUNK,	
		Wundhaken	263
		BRÜNINGS-LUCAS, Hohlmeißel	98
		Bruststütze, Erwachsene	335
		Bruststütze, Kinder	335
		Bruststütze, LEWY	336
		Bruststütze, NEGUS	280
		BUCHWALD, Zungenspatel	268
		BUCK, Fremdkörperzähgchen	73
		BUCK, Ohrkürette	68, 69
		Bügel, McIVOR Mundsperrerr	277
		C	
		CANFIELD, Tonsillennmesser	287
		CAPLAN, Nasenschere	206
		CARPENTER,	
		Tonsillendissektor	291

CARPENTER,
Tonsillenukleator.....291
CASTROVIEJO,
Mikro Nadelhalter124
CAWOOD-MINNESOTA,
Wangenhalter268
CHEVALIER-JACKSON,
Bronchoskopiezange.....356
CHEVALIER-JACKSON,
Trachealkanüle316
chirurgische Pinzette95
chirurgische Pinzette, ADSON.....97
chirurgische Pinzette, GILLIES.....151
chirurgische Pinzette, GRAEFE95
chirurgische Pinzette,
POTTS-SMITH294
chirurgische Pinzette,
SEMKEN95, 151
chirurgische Pinzette,
STANDARD95
chirurgische Schere,
STANDARD117
CINELLI, Septummeißel.....232
CITELLI, Stanze109
CLAR, Stirnlampe26
CLAUS, Tonsillennadel.....285
CLAUS-KILLIAN,
Septummeißel236
COAKLEY, Antrumkürette.....256
COAKLEY, Trokar215
COLLIN, Zungenzange.....270
Columella-Pinzette, COTTLE153
COLVER, Tonsillenzange281
CONVERSE,
Nasenflügelhäkchen252
CONVERSE, Nasenmesser217
CONVERSE/WILMER/WALTER,
feine Schere194
CORDES, Aufsatz354
COTTLE, Columella-Pinzette153
COTTLE, feine Schere194
COTTLE, Fingerringhäkchen.....255
COTTLE, Fixierpinzette94, 152
COTTLE, Hammer.....102, 260
COTTLE, Knorpelquetscher237
COTTLE, Nasenflügelhäkchen
.....252, 253
COTTLE, Nasenhaken251
COTTLE, Nasenmesser217
COTTLE, Nasenschere198
COTTLE, Nasenspekula.....146, 147
COTTLE, Osteotom.....100, 231

COTTLE, Septumlevatorium
.....224, 225
COTTLE, Septummeißel231
COTTLE-JOSEPH,
Septumlevatorium.....224
COTTLE-KAZANJIAN,
Knochensplitterzange.....108, 208
COTTLE-MALTZ, Nasenraspel239
COTTLE-MASING, Nasenschere.198
COTTLE-NEIVERT,
Nasenflügelhäkchen252
CRAIG, Septumzange158
CRAIG-DOMNICK, Vomerzange..158
CRILE-WOOD, Nadelhalter.....209
Cystoskop.....16

D

DAUBENSPECK, scharfer Löffel..258
DAVIS-BOYLE, Mundsperrerr274
DAVIS-BOYLE, Zungenspatel273
DAVIS-MEYER, Mundsperrerr.....277
DAY, Wundhäkchen.....66
DEAN, Tonsillenschere.....296
Deckelhalter, REICHERT343
DENHART, Mundsperrerr271
DENIS-BROWNE,
Tonsillenzange283
DERF, Nadelhalter209
DERLACKI,
Gehörknöchelpinzette.....97
Dermatom, HUMBY.....221
Dermatom, SCHINK220
Dermatom, SILVER221
Dermatom, WATSON221
Diagnostik-Besteck.....48, 50-52
DIETER, Hammerkopfstanze84
Dilatator, LABORDE314
Dilatator, RITTER-HALLE.....261
Dilatator, TROUSSEAU.....314
Dilatator, TROUSSEAU-BABY314
DINGMAN, Nasenfeile.....130
DINGMAN, Nasenraspel244
DINGMANN, Mundsperrerr.....276
DINGMANN, Zungendrucker.....276
Dissektor, ALDERYCE.....290
Dissektor, CARPENTER.....291
Dissektor, FISCH.....93
Dissektor, HENKE290
Dissektor, HURD290
Dissektor, LOPEZ-REINKE290
DOUGHTY, Zugenspatel279

DOYEN-JANSEN (MOLT),
Mundsperrerr271
Draht f. Tonsillenschnürer.....302, 319
Drahtbiegezüngchen, McGEE.....81
Drahtbiegezüngchen,
SCHUHKNECHT81
Drahtschere, UNIVERSAL.....118, 299
Drahtschlinge, Elektroden35
Drahtschlingen.....163
DUCKBILL, Ohrzüngchen75
DUPLAY, Tupferzange295
DUPUY-WEISS, Tonsillennadel....285

E

EICKEN (KILLIAN) Spülkanüle.....212
Einsteckkonus, POLITZER61
Elektrode, Koagulation34, 35
Elektrode, bipolar.....44
Elektroden34, 35, 44
Elektroden, monopolar34, 35
Elektrodenballkoagulation35
Elektrodenbrahtschlinge35
Elektrodenlanzette.....35
Elektrodenadel Mini.....34, 35
Elektrodenadel, monopolar35
Elektrodenachlinge Mini.....34, 35
Elevatorium.....138
Elevatorium, BALLENGER.....225
Elevatorium,
BALLENGER-HAJEK225
Elevatorium, BOIES.....226
Elevatorium, COTTLE224
Elevatorium, COTTLE-JOSEPH..224
Elevatorium, FREER91, 223
Elevatorium, GOLDMANN.....226
Elevatorium,
HAJEK-BALLENGER225
Elevatorium, HALLE222
Elevatorium, HENKE290
Elevatorium, HOWARTH224
Elevatorium, JOSEPH222
Elevatorium, JOSEPH-COTTLE..224
Elevatorium, KILLIAN223, 225
Elevatorium, LEMPERS88
Elevatorium, MASING222
Elevatorium, McKENTY..92, 222, 224
Elevatorium, PENNINGTON.....224
Elevatorium, PIERCE223
Elevatorium, QUERVAIN.....86
Elevatorium, ROGER222
Elevatorium, SEBILEAU.....86
Elevatorium, SEWALL226

Elevatorium, SINUS.....223
 Elevatorium, YANKAUER290
 Endoskope.....14-18
 E nukleator, CARPENTER291
 Ersatzflasche, KABIERSKE.....60
 Ersatzklinge, Dermatom220, 221
 Ersatzklingen, LAFORCE309
 Ersatzl mpchen..22, 26, 27, 332, 333
 Ersatzl mpchen f. FRENZEL22
 EVES, Tonsillenschn rer301

F

Face-Lift-Schere, BEUSE.....201
 Face-Lift-Schere, GORNEY200
 Face-Lift-Schere,
 GORNEY-FREEMAN200
 Face-Lift-Schere, KAYE.....201
 Face-Lift-Schere,
 PECK-JOSEPH201
 Fadengabel, Laryngoskopie352
 Fadengabel, NEGUS.....304
 Fadenschere, LITTAUER199
 Fadenschere, O'BRIEN199
 Fadenschere, SPENCER199
 FARABEUF, Raspatorium.....90
 FARRELL, Wattetr ger63
 FARRIOR, Ohrspekula54
 Fa z ngchen, GREVEN81
 Fa z ngchen, Mikro78
 Fa zange, Kieferh hle176, 177
 Fa zange, LAHEY.....318
 Fa zange f. Optiken15
 FAULKNER, Antrumk urette256
 Feile, DINGMAN.....130
 FEIN, Kehlkopfwattetr ger347
 feine Schere, BONN192
 feine Schere,
 CONVERSE/WILMER/WALTER ..194
 feine Schere, COTTLE194
 feine Schere, GRADLE.....195
 feine Schere, GRAEFE.....194
 feine Schere, IRIS117, 192
 feine Schere, JOSEPH.....116, 190
 feine Schere, KILNER
 (RAGNELL)191
 feine Schere, KNAPP193
 feine Schere, LITTLER.....194
 feine Schere, SANVENERO.....190
 feine Schere, STEVENS.....196
 feine Schere,
 STRABISMUS116, 196
 feine Schere, WAGNER197

feine Schere, WALTER/
 WILMER/CONVERSE194
 FERGUSSON, Saugrohr213
 FERGUSSON/FRAZIER,
 Saugrohr.....125, 213
 FERRIS-SMITH-KERRISON,
 Stanze181
 Fiberglas-Kaltlichtkabel19
 Fiberglas-Lichttr ger.....337, 338
 Fingerringh kchen, COTTLE.....255
 FINSSEN, Wundspreizer110
 FISCH, Dissektor93
 FISCH, Mikro Ohrschere82
 FISCH, Wundspreizer.....112, 265
 FISHER, Tonsillennmesser.....286
 Fixierpinzette, COTTLE94, 152
 Fixierpinzette, GRAEFE95, 151
 Fixiervorrichtung, YASARGIL57
 Flachmei el98, 99
 Flachmei el, PARTSCH99
 Flachmei el, WALTER235
 flexibler Spannarm, YASARGIL.....57
 FOMON, Nasenfl gelh kchen.....253
 FOMON, Nasenraspel240, 241
 FOMON, Nasenschere198
 FOMON, Septumosteotom232
 FRAENKEL, Aufsatz354
 FRAENKEL, Kehlkopfzange342
 FRAZIER, Wundh kchen246
 FRAZIER/FERGUSSON,
 Saugrohr.....125, 213
 FREER, Septumelevatorium ..91, 223
 FREER, Septummei el
100, 230, 236
 FREER, Septummesser216
 FREER, Wundh kchen254
 FREER-INGALS,
 Submukosamesser.....219
 Fremdk rperhebel, QUIRE.....73
 Fremdk rperz ngchen, BUCK73
 Fremdk rperz ngchen,
 HARTMANN75
 Fremdk rperz ngchen,
 HARTMANN-HOFFMANN.....75, 175
 Fremdk rperz ngchen,
 HARTMANN-WEING RTNER75
 Fremdk rperz ngchen,
 HARTMANN-WULLSTEIN75, 175
 Fremdk rperz ngchen,
 STRUEMPEL75
 FRENZEL, Nystagmus Brille22
 FRENZEL, Zungenspatel268

FROHN, Wattetr ger63
 FRONTAL, Nasensonde.....261
 F hrungsgabel, PLESTER137
 FUJI-Kaltlichtkabeladapter20
 Fu plattenh kchen, PLESTER137

G

GALLAHER, Nasenraspel243
 Gaumenplatte, DAVIS-MEYER277
 Geh rkn chelpinzette,
 DERLACKI.....97
 Gelenk, Brustst tze335
 Gelenkkloben, LEYLA.....148
 GERZOG, Hammer259
 GILLIES, chirurgische Pinzette.....151
 GILLIES, Wundh kchen254
 GLABELLA, Nasenraspel238
 GOLDMANN,
 Septumelevatorium.....226
 GOOD, Tonsillenschere296
 GORNEY, Face-Lift-Schere.....200
 GORNEY, Pr parierschere.....116
 GORNEY-FREEMAN,
 Face-Lift-Schere200
 GRADLE, feine Schere.....195
 GRAEFE, chirurgische Pinzette95
 GRAEFE, feine Schere194
 GRAEFE, Fixierpinzette95, 151
 GRAEFE, Wundh kchen246
 GREENBERG-PAR,
 Blepharoplastikschere202
 GREVEN, Fa z ngchen81
 Griff, HUBER354
 Griff, Kaltlicht332
 Griff, Kehlkopfspiegel346
 Griff, Laryngoskop336
 Griff, Warmlicht333
 Griff, WULLSTEIN127, 129
 GROSS, Ohrk urette.....65
 GROSS, Ohrl ffel u. -H kchen.....65
 GRUBER, Ohrspekula.....53
 GUILLEN, Saugraspatorium.....227
 Gummibirne, POLITZER61
 GUTHRIE, Wundh kchen246

H

HAJEK, Hammer102
 HAJEK, Septummei el.....236
 HAJEK-BALLENGER,
 Septumelevatorium.....225
 HAJEK-KOFLER, Stanze182, 183
 H kchen25, 66, 135-137, 246-250

Häkchen, BARBARA	135, 136	Hammer, HAJEK	102	Hohlmeißelzange, BOEHLER	107
Häkchen, BARSKY	248	Hammer, MEAD	102, 259	Hohlmeißelzange, KLEINERT-KUTZ	107
Häkchen, BERGMANN	250	Hammer, PARTSCH	102, 260	Hohlmeißelzange, LEMPert	107
Häkchen, CONVERSE	252	Hammer, QUISLING	260	Hohlmeißelzange, LUER	106
Häkchen, COTTLE	252-255	Hammerkopfstanze, DIETER	84	Hohlmeißelzange, ZAUFAL-JANSEN	107
Häkchen, COTTLE-NEIVERT	252	Handgriff f. Laryngoskope	336	HOLINGER, Laryngoskop	339
Häkchen, DAY	66	Handgriff f. Stabinstrumente, Laryngoskopie	353	HOLZHEIMER, Wundspreizer	110
Häkchen, FOMON	253	HARTMANN, Fremdkörperzängchen	75	Holzspatel	268
Häkchen, FRAZIER	246	HARTMANN, Nasenspekula	142	HOUSE, Mikro Kürette	133
Häkchen, FREER	254	HARTMANN, Nasentamponzange	154	HOUSE, Mikro Meßsonde	132
Häkchen, GILLIES	254	HARTMANN, Ohrkatheter	70	HOUSE, Saugadapter	129
Häkchen, GRAEFE	246	HARTMANN, Ohrspekula	53	HOUSE, Saugrohr	126, 214
Häkchen, GROSS	65	HARTMANN, Ohrzängchen	74	HOUSE-GELFOAM, Quetschzange	85
Häkchen, GUTHRIE	246	HARTMANN, scharfe Nasenzange	169	HOWARTH, Septumlevatorium	224
Häkchen, HUMBY	248	HARTMANN, Stimmgabel	58	HUBER, Universalgriff	354
Häkchen, JOSEPH	247	HARTMANN, Tonsillenzange	307	HUMBY, Dermatome	221
Häkchen, KILNER	253	HARTMANN, Zungendrucker	269	HUMBY, Wundhäkchen	248
Häkchen, KLEINERT-KUTZ	247	HARTMANN-HALLE, Nasenspekula	141	HURD, Tonsillendisektor	290
Häkchen, KNAPP	250	HARTMANN-HOFFMANN, Fremdkörperzängchen	75, 175	I	
Häkchen, Knopf	66	HARTMANN-WEINGÄRTNER, Fremdkörperzängchen	75	IBE+Winter, Adapter	20
Häkchen, LAHEY	246	HARTMANN-WULLSTEIN, Fremdkörperzängchen	75, 175	Injektionskanüle	337, 349
Häkchen, LANGE	255	Hebel, QUIRE	73	IRIS, feine Schere	117, 192
Häkchen, Laryngoskopie	352	Hebel, ZUFAL	65	ITERSON, Trachealhaken	315
Häkchen, LUCAE	66, 250	HEINE-Kaltlichtkabeladapter	20	J	
Häkchen, McGEE	136	HEISTER, Mundsperrerr	271	JACKSON, Kehlkopfpinzette	343
Häkchen, Mikro, Laryngoskopie	353	HENKE, Tonsillendisektor	290	JACKSON, Laryngoskope	340
Häkchen, NEIVERT-COTTLE	252	HENKE, Tonsillenelevatorium	290	JACKSON, Trachealhaken	314
Häkchen, PLESTER	137	HEYMANN, Nasenschere	198	JACKSON-CHEVALIER, Bronchoskopiezange	356
Häkchen, REDA	249	HEYMANN, Septumzange	157	JAMESON-REYNOLDS, Schere	191
Häkchen, ROLLET	250	HEYMANN-KNIGHT, Polypenzange	156	JANSEN, Nasentamponpinzette	150
Häkchen, SHAMBAUGH	135	HNO-Bohrer	30, 31	JANSEN, Raspatorium	91
Häkchen, TYRELL	246	HNO-Stirnleuchte	25	JANSEN, scharfer Löffel	103
Häkchen, WAGENER	66	HOFER, Wundhaken	289	JANSEN, Wundspreizer	110
Häkchen, WILLIGER	114	Hohlmeißel	98, 99	JANSEN-MIDDLETON, Septumzange	159
Haken, AUFRICHT	251	Hohlmeißel, BRÜNNINGS-LUCAS	98	JANSEN-ZAUFAL, Ohrhebel	65
Haken, BOSE	315	Hohlmeißel, FREER	236	JATHO, Nasenrachenzange	310
Haken, COTTLE	251	Hohlmeißel, LEXER MINI	100	JENNINGS, Mundsperrerr	271
Haken, ITERSON	315	Hohlmeißel, PARTSCH	99	JOBSON-HORNE, Watteträger	64
Haken, JACKSON	314	Hohlmeißelzange, BANE-HARTMANN	106	JOSEPH (LEWIS), Nasenraspel	239
Haken, MASING	251	Hohlmeißelzange, BEYER	107	JOSEPH, Elevatorium	222
Haken, MASING-NEIVERT	251	Hohlmeißelzange, BLUMENTHAL	106	JOSEPH, feine Schere	116, 190
Haken, NEIVERT-MASING	251			JOSEPH, Nasenmesser	216, 217
Haken, NEWS	315			JOSEPH, Nasenraspel	238
Haken, SCHOENBORN	317			JOSEPH, Nasensäge	244, 245
HALLE, scharfer Löffel	104, 258			JOSEPH, Raspatorium	88
HALLE, Septumlevatorium	222				
HALLE-RITTER, Nasensonde	261				
HALSEY, Nadelhalter	209				
Haltearm, LEYLA	148				
Hammer	102, 259, 260				
Hammer, COTTLE	102, 260				
Hammer, GERZOG	259				

JOSEPH, Wundhäkchen247
JOSEPH-COTTLE,
Septumlevatorium.....224
JURASZ, Kehlkopfzange.....342
JURASZ, Nasenrachenzange311

K

Kabel, bipolar.....39
KABIERKE, Ersatzflasche.....60
KABIERKE, Ohrkanüle.....60
KABIERKE, Pulverbläser60
KABIERKE, Ventilball.....60
Kaltlichtkabel, Fiberglas.....19
Kaltlichtgriff.....332
Kaltlichtkabeladapter20
Kaltlichtkabeladapter, ACM.....20
Kaltlichtkabeladapter, Fuji.....20
Kaltlichtkabeladapter, Heine.....20
Kaltlichtkabeladapter, MLW20
Kaltlichtkabeladapter, Olympus20
Kaltlichtkabeladapter, Pentax20
Kaltlichtkabeladapter, Wolf20
Kanüle, CHEVALIER-JACKSON316
Kanüle, EICKEN (KILLIAN)212
Kanüle, Injektion337, 349
Kanüle, Kehlkopf210, 306, 344
Kanüle, KILLIAN212
Kanüle, KILLIAN-EICKEN212
Kanüle, LUER316
Kanüle, Mikro.....125, 127
Kanüle, Ohr, KABIERKE60
Kanüle, ROSEN.....129
Kanüle, Septum210, 306, 344
Kanüle, WAGENER-MOSHER.....315
Katheter, HARTMANN.....70
KAYE, Blepharoplastischschere.....202
KAYE, Face-Lift-Schere201
Kehlideckelhalter, REICHERT343
Kehlkopfkanüle.....210, 306, 344
Kehlkopfpinzette, JACKSON.....343
Kehlkopfpolypenschnürer319
Kehlkopfschere, KILLIAN343
Kehlkopfspiegel346
Kehlkopfspiegel, MICHEL.....345
Kehlkopfwatteträger, FEIN.....347
Kehlkopfwatteträger, KILLIAN347
Kehlkopfzange, FRAENKEL.....342
Kehlkopfzange, JURASZ.....342
KELLY, Präparierschere191
KERRISON, Stanze109, 182
Kieferhöhlenfaßzange176, 177
KILLIAN, Kehlkopfschere343

KILLIAN, Kehlkopfwatteträger347
KILLIAN, Nasenspekula144, 145
KILLIAN, Septumlevatorium
.....223, 225
KILLIAN, Spülkanüle212
KILLIAN-CLAUS, Septummeißel.....236
KILLIAN-EICKEN, Spülkanüle.....212
KILNER (RAGNELL),
feine Schere191
KILNER, Nasenflügelhäkchen253
KILNER-DOUGHTY,
Mundsperrer275
KLEINERT-KUTZ,
Hohlmeißelzange.....107
KLEINERT-KUTZ,
Wundhäkchen.....247
Kleintransformator26
Klemme,
BOETTCHER (SCHNIDT)281
Klemme, MASTIN.....318
Klemme, MIKULICZ283
Klemme, NEGUS.....281
Klemme, SAWTELL.....281
Klemme, SCHNIDT281
Klemme, SCHNIDT
(BOETTCHER).....281
KNAPP, feine Schere193
KNAPP, Wundhäkchen.....250
KNIGHT, Septumzange157
Knochendraht302
Knochensplitterzange,
COTTLE-KAZANJIAN108, 208
Knochensplitterzange,
McINDOE108, 208
Knochenstanze, CITELLI.....109
Knochenstanze,
FERRIS-SMITH-KERRISON181
Knochenstanze, KERRISON109
Knopfhäkchen.....66
Knorpelfeile, DINGMAN.....130
Knorpelquetscher, COTTLE237
Knorpelritzmesser, MASING.....219
Koagulationselektrode, bipolar .44, 45
Koagulationselektrode Mini35
Koagulationssaugrohr.....211, 348
KOCHER, Kropfsonde.....317
KOCHER-LANGENBECK,
Wundhaken263
KOENIG, Raspatorium86
KOFER-HAJEK, Stanze182
Kornzange295
Kornzange, DUPLAY295

KRAUSE, Aufsatz354
KRAUSE, Polypenschnürer.....72, 162
KRAUSE-VOSS,
Polypenschnürer.....162
KROENIG, Zungenspatel268
Kropffaßzange, LAHEY318
Kropfsonde, KOCHER.....317
Kugelelektrode.....35
Kugelenkklappen, LEYLA148
Kupplungskopf, LEYLA.....148
Kürette, Antrum.....256, 257
Kürette, BUCK.....68, 69
Kürette, COAKLEY256
Kürette, FAULKNER256
Küretten, HOUSE133

L

LABORDE, Trachealdilatator.....314
LAFORCE, Adenotom309
LAHEY, Kropffaßzange.....318
LAHEY, Wundhäkchen246
LAMBOTTE Mini, Osteotom ..99, 229
Lämpchen.....22, 26, 27, 332, 333
LANGE, Aufsatz354
LANGE, Nasenflügelhäkchen.....255
LANGENBECK, Ohrschlinge.....65
LANGENBECK, Raspatorium.....86
Lanzette, Elektrode.....35
Lanzettenmesser, ROSEN121
Laparoskop.....18
Lärmtrommel, BARANY.....60
Laryngoskop, HOLINGER339
Laryngoskop, JACKSON.....340
Laryngoskope ..17, 334-336, 339-341
Laryngoskope Handgriff336
Laryngoskopie Instrumente ..352, 353
Laryngoskopie, Injektionskanüle ..337
Laryngoskopie, Nadelhalter349
Laryngoskop-Optik17
Laryngoskop-Set ..322, 325, 327, 329
Laryngoskop-Spatel, McCOY
.....324, 331
Laryngoskop-Spatel, McINTOSH
.....323, 328
Laryngoskop-Spatel, MILLER
.....326, 330
LED-Stirnlampe27
LEMPERT, Elevatorium88
LEMPERT, Hohlmeißelzange107
LEMPERT, Raspatorium.....88, 91
LEMPERT, scharfer Löffel103
Leuchtklammer.....338, 341

LEWIS-JOSEPH, Nasenraspel.....	239	M	Messer, FREER.....	216
LEWY, Bruststütze.....	336	MALTZ (COTTLE), Nasenraspel ..	Messer, FREER-INGALS	219
LEXER Mini, Hohlmeißel.....	100	MALTZ, Nasenraspel.....	Messer, JOSEPH.....	216, 217
LEXER Mini, Osteotom.....	100	MARSCHIK, Tonsillenzange.....	Messer, MASING.....	219
LEXER, Osteotom.....	100, 228	MARTIN, Verbindungskabel,	Messer Mikro,	
LEYLA, Gelenkkloben.....	148	bipolar.....	Laryngoskopie.....	352, 353
LEYLA, Haltearm.....	148	MARTINI, scharfer Löffel.....	Messer, PLESTER.....	122
LEYLA, Kugelgelenkkloben.....	148	MASING, Elevatorium.....	Messer, POLITZER.....	71
LEYLA, Kupplungskopf.....	148	MASING, Knorpelritzmesser.....	Messer, REDA.....	217
Lichtträger, Fiberglas.....	337, 338	MASING, Nasenhaken.....	Messer, ROSEN.....	120, 121
LICHTWITZ, Trokar.....	215	MASING, Nasenraspel.....	Messer, SCHUKNECHT.....	122
LINDEMANN, Nasensäge.....	245	MASING-NEIVERT,	Messer, SEXTON.....	71
Lippenhalter.....	270	Nasenhaken.....	Messer, St. CLAIR-THOMSON	309
LISTER (Sinus), Tamponzange.....	155	MASTIN, Muskelklemme.....	Messer, TABB.....	122
LITTAUER, Fadenschere.....	199	MAUNDER, Mundkeil.....	Messer, WULLSTEIN.....	122
LITTAUER, Ohrzängchen.....	74	MAY, Ophthalmoskop.....	Meßsonde Mikro, HOUSE.....	132
LITTAUER, Polypenzange.....	156	McCOY,	METZENBAUM,	
LITTLER, feine Schere.....	194	Laryngoskopspatel.....	Präparierschere.....	115, 188, 189, 297
Löffel.....	138	McGEE, Drahtbiegezängchen.....	MICHEL, Kehlkopfspiegel.....	345
Löffel, Antrum.....	257	McGEE, Häkchen.....	MICRODOME,	
Löffel, BARTH.....	104	McINDOE,	Koagulationselektrode bipolar.....	45
Löffel, DAUBENSPECK.....	258	anatomische Pinzette.....	MIDDELDORPF, Wundhaken.....	263
Löffel, GROSS.....	65	McINDOE,	MIDDLETON-JANSEN,	
Löffel, HALLE.....	104, 258	Knochensplitterzange.....	Septumzange.....	159
Löffel, JANSEN.....	103	McINTOSH, Laryngoskop-Set.....	Mikro Faßzängchen.....	78
Löffel, LEMPERT.....	103	327	Mikro Häkchen, Laryngoskopie.....	353
Löffel, MARTINI.....	105	McINTOSH,	Mikro Löffelzängchen,	
Löffel, SHEA.....	134	Laryngoskopspatel.....	WULLSTEIN.....	79
Löffel, SPRATT.....	103	323, 328	Mikro Löffelzange.....	131
Löffel, VOLKMANN.....	104	McIVOR, Mundsperrerr.....	Mikro Messer, Laryngoskopie.....	353
Löffel, WILLIGER.....	105	McIVOR, Zungenspatel.....	Mikro Nadelhalter,	
Löffelzängchen Mikro,		McKENTY,	BARRAQUER.....	123
WULLSTEIN.....	79	Septumelevatorium.....	Mikro Nadelhalter,	
Löffelzange Mikro.....	131	92, 222, 224	CASTROVIEJO.....	124
LOPEZ-REINKE,		MEAD, Hammer.....	Mikro Nadelhalter, TITAN.....	123
Tonsillendissektor.....	290	102, 259	Mikro Ohrscherchen,	
LOTHROP, Uvulahaken.....	288	Meißel.....	WULLSTEIN.....	83
LOVE, Uvulahaken.....	288	98, 99	Mikro Ohrscherche, BELLUCCI.....	80
LUBET-BARBON,		Meißel, CINELLI.....	Mikro Ohrscherche, SHEA.....	80
Nasentamponzange.....	154	232	Mikro Ohrscheren.....	80, 82, 83, 131
LUC, Siebbeinzange.....	157	Meißel, CLAUS-KILLIAN.....	Mikro Ohrzängchen.....	76, 77
LUCAE, Ohr-Nasen-Pinzette.....	94, 152	236	Mikro Ohrzange.....	131
LUCAE, Stimmgabel.....	59	Meißel, FREER.....	Mikro Rohrschaftzange.....	350, 351
LUCAE, Trommelfellnadel.....	70	100, 230, 236	Mikro Sichelmesser,	
LUCAE, Wundhäkchen.....	66, 250	Meißel, HAJEK.....	Laryngoskopie.....	352
LUER, Hohlmeißelzange.....	106	236	Mikro Kürette, HOUSE.....	133
LUER, Trachealkanüle.....	316	Meißel, KILLIAN-CLAUS.....	Mikro Meßsonde, HOUSE.....	132
Luftdusche, POLITZER.....	61	236	Mikro Ohrzängchen.....	75-81
LUNIATSCHEK, Tamponstopfer.....	292	Meißel, PASSOW.....	Mikro Saugkanüle.....	125, 127
Lupe, BRUENINGS.....	55	98, 235	Mikro Schere, REDA.....	203
		Meißel, SILVER.....	Mikro Scheren.....	119, 203-205
		233	Mikro Scheren, TITAN.....	203-205
		Meißel, WALTER.....		
		235		
		Meißel, WEST.....		
		236		
		Messer, ABRAHAM.....		
		287		
		Messer, BALLENGER.....		
		218		
		Messer, BARNHILL.....		
		308		
		Messer, BECKMANN.....		
		308		
		Messer, BRUENINGS.....		
		287		
		Messer, CANFIELD.....		
		287		
		Messer, CONVERSE.....		
		217		
		Messer, COTTLE.....		
		217		
		Messer, FISHER.....		
		286		

MIKULICZ, Tonsillenklemme283
 MILLER, Laryngoskop-Set...325, 329
 MILLER, Laryngoskopspatel
326, 330
 MILLER, Raspatorium92
 Miniatur-Stirnleuchte23
 MINI-LAMBOTTE, Osteotom...99, 229
 MLW-Kaltlichtkabeladapter20
 Mod. VIENNA, Nasenspekula143
 MOLLISON, Wundspreizer112
 MOLT, Mundsperrerr271
 MOLT, Raspatorium92
 MORITZ-SCHMIDT,
 Zungendrucker269
 Mundkeil, MAUNDER280
 Mundsperrerr, DAVIS-BOYLE274
 Mundsperrerr, DAVIS-MEYER277
 Mundsperrerr, DENHART271
 Mundsperrerr, DINGMANN276
 Mundsperrerr, DOYEN-JANSEN ...271
 Mundsperrerr, HEISTER271
 Mundsperrerr, JENNINGS271
 Mundsperrerr,
 KILNER-DOUGHTY275
 Mundsperrerr, McIVOR277
 Mundsperrerr, MOLT271
 Mundsperrerr, ROSER-KOENIG ...271
 Muskelklemme, MASTIN318

N

Nadel, BARBARA135
 Nadel, CLAUS285
 Nadel, DUPUY-WEISS285
 Nadel, Elektrode Mini34, 35
 Nadel, LUCAE70
 Nadel, NAGER286
 Nadel, POLITZER70, 71
 Nadel, ROSEN136
 Nadel, Tonsille210, 306, 344
 Nadelelektrode, monopolar34
 Nadelhalter, BABY-WEBSTER209
 Nadelhalter, BARRAQUER123
 Nadelhalter, CASTROVIEJO124
 Nadelhalter, CRILE-WOOD209
 Nadelhalter, DERF209
 Nadelhalter, HALSEY209
 Nadelhalter, Laryngoskopie349
 Nadelhalter Mikro, TITAN123
 Nadelhalter, WEBSTER209
 NAGER, Tonsillennadel286
 NAGER, Wundhaken289
 Nasenraspel, PEET238

Nasenhäkchen, CONVERSE252
 Nasenhäkchen, COTTLE252-254
 Nasenhäkchen,
 COTTLE-NEIVERT252
 Nasenhäkchen, FOMON253
 Nasenhäkchen, KILNER253
 Nasenhäkchen, LANGE255
 Nasenhäkchen,
 NEIVERT-COTTLE252
 Nasenhaken, AUFRICHT251
 Nasenhaken, COTTLE251
 Nasenhaken,
 MASING-NEIVERT251
 Nasenhaken,
 NEIVERT-MASING251
 Nasenmesser, CONVERSE217
 Nasenmesser, COTTLE217
 Nasenmesser, JOSEPH216, 217
 Nasen-Ohr-Pinzette, LUCAE..94, 152
 Nasenolive, POLITZER61
 Nasenpinzette, LUCAE94, 152
 Nasenpinzette,
 TROELTSCH-WILDE94, 152
 Nasenpinzette, WILDE
 (TROELTSCH)94, 152
 Nasenrachenzange, JATHO310
 Nasenrachenzange, JURASZ311
 Nasenrachenzange,
 St. CLAIR-THOMSON310
 Nasenraspel, MALTZ (COTTLE) .239
 Nasenraspel, (JOSEPH (LEWIS) .239
 Nasenraspel, AUFRICHT239
 Nasenraspel, COTTLE-MALTZ ...239
 Nasenraspel, DINGMAN244
 Nasenraspel, FOMON240, 241
 Nasenraspel, GALLAHER243
 Nasenraspel, GLABELLA238
 Nasenraspel, JOSEPH238
 Nasenraspel, LEWIS-JOSEPH239
 Nasenraspel, MALTZ238
 Nasenraspel, MASING242
 Nasenraspel, PARKES238
 Nasensäge, JOSEPH244, 245
 Nasensäge, LINDEMANN245
 Nasenschere, CAPLAN206
 Nasenschere,
 COTTLE-MASING198
 Nasenschere,
 MASING-COTTLE198
 Nasenschere187
 Nasenschere, COTTLE198
 Nasenschere, FOMON198

Nasenschere, HEYMANN198
 Nasensonde, FRONTAL261
 Nasensonde, RITTER-HALLE261
 Nasensonde, SINUS261
 Nasensonde, WILDER261
 Nasenspekula140-147
 Nasenspekula, COTTLE146, 147
 Nasenspekula, HARTMANN142
 Nasenspekula,
 HARTMANN-HALLE141
 Nasenspekula, KILLIAN144, 145
 Nasenspekula, REDA144
 Nasenspekula, THUDICHUM140
 Nasenspekula, TIECK-HALLE144
 Nasenspekula, VIENNA143
 Nasenspekula, VOLTOLINI140
 Nasentamponzange,
 HARTMANN154
 Nasentamponzange,
 LUBET-BARBON154
 Nasentamponzange,
 WESTMACOTT154
 Nasentamponzinzette, JANSEN...150
 Nasentamponzinzette,
 TROELTSCH149
 Nasenzange, ASCH160
 Nasenzange, Biopsie167
 Nasenzange, BLAKESLEY...164, 168
 Nasenzange, durchschneidend178
 Nasenzange, HARTMANN169
 Nasenzange, SCHMEDEN169
 Nasenzange, STRUYCKEN169
 Nasenzange, TAKAHASHI165
 Nasenzange, WALSHAM160
 Nasenzange,
 WATSON-WILLIAMS166
 Nasenzange,
 WEIL-BLAKESLEY164, 168
 Nasenzangen169-174
 Nasopharyngo-Laryngoskop14
 NEGUS, Bruststütze280
 NEGUS, Fadengabel304
 NEGUS, Tonsillenklemme281
 NEIVERT-ANDERSON,
 Osteotom233
 NEIVERT-COTTLE,
 Nasenflügelhäkchen252
 NEIVERT-MASING,
 Nasenhaken251
 NEWS, Trachealhaken315
 Non-Stick, Saugkoagulator,
 monopolar43

NOYES, Polypenzange155
Nystagmus Brille, FRENZEL22

O

O'BRIEN, Fadenschere199
OBWEGESER, Osteotom234
Ohrhäkchen66
Ohrhäkchen, DAY66
Ohrhäkchen, GROSS65
Ohrhäkchen, WAGENER66
Ohrhebel, JANSEN-ZAUFAL65
Ohrhebel, ZAUFAL65
Ohrhebel, ZAUFAL-JANSEN65
Ohrkanüle, KABIERSKE60
Ohrkatheter, HARTMANN70
Ohrkürette, BUCK68, 69
Ohrkürette, GROSS65
Ohröffel, GROSS65
Ohrmesser, POLITZER71
Ohrmesser, SEXTON71
Ohr-Nasen-Pinzette, LUCAE94, 152
Ohrolive, POLITZER61
Ohrpinzette,
TROELTSCH-WILDE94, 152
Ohrpinzette,
WILDE (TROELTSCH)94, 152
Ohrscherer Mikro, BELLUCCI80
Ohrscherer Mikro, SHEA80
Ohrscherer, FISCH82
Ohrscheren Mikro80, 82, 83, 131
Ohrschlinge, BILLEAU65
Ohrschlinge, LANGENBECK65
Ohrschlinge, SHAPLEIGH67
Ohrschlinge, WEBER-LOCH67
Ohrsonde, STACHE63
Ohrspekula, BRUENINGS55
Ohrspekula, FARRIOR54
Ohrspekula, GRUBER53
Ohrspekula, HARTMANN53
Ohrspekula, POLITZER53
Ohrspekula, SIEGLE56
Ohrspekula, TOYNBEE53
Ohrspekula, BOUCHERON53
Ohrspekulahalter, YASARGIL57
Ohrspritze61, 62
Ohrspritze, REINER61
Ohrspritze, selbstfüllend62
Ohrtrichterhalter, YASARGIL57
Ohrzängchen Mikro75-81
Ohrzängchen, DUCKBILL75
Ohrzängchen, HARTMANN74
Ohrzängchen, LITTAUER74

Ohrzängchen, WULLSTEIN79
Ohrzange Mikro131
Olympus-Kaltlichtkabeladapter20
Ophthalmologie Schere195
Ophthalmoskop, MAY49
Ophthalmoskop, UNI II49
OP-Laryngoskope334-336, 341
Osteotom98
Osteotom,
ANDERSON-NEIVERT233
Osteotom, COTTLE100, 231
Osteotom, FOMON232
Osteotom, LEXER228
Osteotom, LEXER MINI100
Osteotom, MINI-LAMBOTTE99, 229
Osteotom,
NEIVERT-ANDERSON233
Osteotom, OBWEGESER234
Osteotom, RUBIN234
Osteotom, SHEEHAN101, 232
OSTROEM, Antrumstanze184
Otoskop17, 48
Otoskop,
Diagnostik-Besteck UNI I48
Otoskop,
Diagnostik-Besteck UNI III50

P

PARKES, Nasenraspel238
PARTSCH, Flachmeißel99
PARTSCH, Hammer102, 260
PARTSCH, Hohlmeißel99
PASSOW,
Blutstillungsmeißel98, 235
PECK-JOSEPH,
Face-Lift-Schere201
PEET, Nasenraspel238
PENNINGTON,
Septumlevatorium224
Pentax-Kaltlichtkabeladapter20
PERWITZSCHKY,
Speichelgangschere298
Pharyngoskop16
PIERCE, Septumlevatorium223
Pinzette, ADSON97
Pinzette, anatomisch95
Pinzette, chirurgisch95
Pinzette, COTTLE153
Pinzette, DERLACKI97
Pinzette, GILLIES151
Pinzette, GRAEFE95, 151
Pinzette, JACKSON343

Pinzette, JANSEN150
Pinzette, LUCAE94, 152
Pinzette, McINDOE151
Pinzette, POTTS-SMITH294
Pinzette, SEMKEN95, 151
Pinzette, TROELTSCH149
Pinzette,
TROELTSCH-WILDE94, 152
Pinzette, WILDE
(TROELTSCH)94, 152
Pinzette, bipolar36-38, 40, 41
Pinzette, COTTLE94, 152, 153
Pinzette, Uhrmacher96
PLESTER, Antrumahäkchen137
PLESTER, Führungsgabel137
PLESTER, Fußplattenhäkchen137
PLESTER, Rundmesser122
PLESTER, Saugrohr126
PLESTER, Schaber137
PLESTER, Wundspreizer113, 264
POLITZER, Einsteckkonus61
POLITZER, Gummibirne61
POLITZER, Luftdusche61
POLITZER, Nasenolive61
POLITZER, Ohrmesser71
POLITZER, Ohrolive61
POLITZER, Ohrspekula53
POLITZER, Trommelfellnadel70, 71
Polypenschnürer, Kehlkopf319
Polypenschnürer, KRAUSE72, 162
Polypenschnürer,
KRAUSE-VOSS162
Polypenschnürer,
VOSS-KRAUSE162
Polypenschnürer, WILDE72, 163
Polypenzange, FRAENKEL342
Polypenzange, JURASZ342
Polypenzange,
KEYMANN-KNIGHT156
Polypenzange, LITTAUER156
Polypenzange, NOYES155
POTTS-SMITH,
anatomische Pinzette294
POTTS-SMITH,
chirurgische Pinzette294
Präparierschere, GORNEY116
Präparierschere, KELLY191
Präparierschere,
METZENBAUM115, 188, 189, 297
Präparierschere,
REYNOLDS (JAMESON)191
PRINCE, Tonsillenschere296

Pulverbläser, KABIERSKE60
Pulverbläser, UNIVERSAL60

Q

QUERVAIN, Elevatorium86
Quetschzange,
HOUSE-GELFOAM85
Quetschzange, RUBIN161
QUIRE, Fremdkörperhebel73
QUISLING, Hammer260

R

RAGNELL-KILNER,
feine Schere191
Rasierklingen221
Raspatorien86-92, 138, 227
Raspatorien, Ferrozellgriff89
Raspatorium, FARABEUF90
Raspatorium, GUILLEN227
Raspatorium, JANSEN91
Raspatorium, JOSEPH88
Raspatorium, KOENIG86
Raspatorium, LANGENBECK86
Raspatorium, LEMPERT88
Raspatorium, MILLER92
Raspatorium, MOLT92
Raspatorium, ROSEN93
Raspatorium z. Saugen,
Laryngoskopie353
Raspatorium, WILLIGER87
Raspatorium, WULLSTEIN92
Raspel, AUFRICHT239
Raspel, COTTLE-MALTZ239
Raspel, DINGMAN244
Raspel, FOMON240, 241
Raspel, GALLAHER243
Raspel, GLABELLA238
Raspel, JOSEPH238
Raspel, JOSEPH (LEWIS)239
Raspel, LEWIS-JOSEPH239
Raspel, MALTZ238
Raspel, MALTZ (COTTLE)239
Raspel, MASING242
Raspel, PARKES238
Raspel, PEET238
Raspel, WIENER238
Rauchabsaugrohr338
REDA, Mikro Schere203
REDA, Nasenspekula144
REDA, Sichelmesser217
REDA, Stimmgabel58
REDA, Watteträger64

REDA, Wundhäkchen249
REICHERT, Kehledeckelhalter343
REINER, Ohrspritze61
REYNOLDS (JAMESON),
Präparierschere191
RFO-Schölly-Volpi, Adapter20
Ring f. Bruststütze335
RING, Zungenspatel272
Ringmesser, BARNHILL308
Ringmesser, BECKMANN308
Ringmesser,
St. CLAIR-THOMSON309
RITTER-HALLE, Nasensonde261
ROEDER, Tonsillenschnürer303
ROGER, Septumelevatorium222
Rohr, BRUENINGS354
Rohrschaftzange Mikro350, 351
ROLLET, Wundhäkchen250
ROSEN, Lanzettenmesser121
ROSEN, Messer120, 121
ROSEN, Nadel136
ROSEN, Raspatorium93
ROSEN, Saugrohr129
ROSER-KOENIG, Mundsperrer271
ROUX-BABY, Wundhaken263
RUBIN, Osteotom234
RUBIN, Septumquetschzange161
Rundmesser, PLESTER122
RUSSEL-DAVIS, Zungenspatel278
RYDEL-SEIFFERT, Stimmgabel59

S

Säge, JOSEPH244, 245
Säge, LINDEMANN245
SANVENERO, feine Schere190
Sattelhäkchen, COTTLE252
Saugadapter, HOUSE129
Saugball, BRUENINGS55
Sauggriff, WULLSTEIN127, 129
Saugkanüle Mikro125, 127
Saugkoagulator,
Non-Stick, monopolar43
Saugpinzette, bipolar42
Saugraspatorium, GUILLEN227
Saugraspatorium,
Laryngoskopie353
Saugrohr126, 348
Saugrohr, BABY-YANKAUER284
Saugrohr, BARON128
Saugrohr, FERGUSON213
Saugrohr,
FRAZIER/FERGUSON125, 213

Saugrohr, HOUSE126, 214
Saugrohr, Koagulation211, 348
Saugrohr, PLESTER126
Saugrohr, ROSEN129
Saugrohr, WULLSTEIN127
Saugrohr, YANKAUER284
Saugrohr, ZÖLLNER125
Saugrohre125-129
SAWTELL, Tonsillenklemme281
Schaber, PLESTER137
Schälmesser Mikro,
Laryngoskopie352
scharfe Nasenzange,
SCHMEDEN169
scharfe Nasenzange,
TAKAHASHI165
scharfe Nasenzange,
WATSON-WILLIAMS166
scharfe Nasenzangen165, 169-174
scharfe Nasenzangen,
HARTMANN169
scharfer Löffel, BARTH104
scharfer Löffel, DAUBENSPECK258
scharfer Löffel, HALLE104, 258
scharfer Löffel, JANSEN103
scharfer Löffel, LEMPERT103
scharfer Löffel, MARTINI105
scharfer Löffel, SHEA134
scharfer Löffel, SPRATT103
scharfer Löffel, VOLKMANN104
scharfer Löffel, WILLIGER105
SCHEINMANN, Aufsatz354
Scherchen Mikro, WULLSTEIN83
Schere, BABY-METZENBAUM188
Schere, BELLUCCI80
Schere, BEUSE201
Schere, BOETTCHER296
Schere, BONN192
Schere, CAPLAN206
Schere, chirurgisch,
STANDARD117
Schere, CONVERSE/
WILMER/WALTER194
Schere, COTTLE194, 198
Schere, COTTLE-MASING198
Schere, DEAN296
Schere, FISCH82
Schere, FOMON198
Schere, GOOD296
Schere, GORNEY116, 200
Schere, GORNEY-FREEMAN200
Schere, GRADLE195

Schere, GRAEFE	194	Schnürer, BRUENINGS.....	301	Septummeißel, COTTLE	231
Schere, GREENBERG-PAR.....	202	Schnürer, EVES.....	301	Septummeißel, FOMON	232
Schere, HEYMANN	198	Schnürer, KRAUSE	162	Septummeißel, FREER	100, 230, 236
Schere, IRIS	117, 192	Schnürer, KRAUSE-VOSS	162	Septummeißel, HAJEK.....	236
Schere, JOSEPH.....	116, 190	Schnürer, ROEDER.....	303	Septummeißel, KILLIAN-CLAUS..	236
Schere, KAYE.....	201, 202	Schnürer, VOSS-KRAUSE	162	Septummeißel, SHEEHAN	232
Schere, KELLY	191	Schnürer, WILDE.....	163	Septummeißel, SILVER.....	233
Schere, KILLIAN.....	343	SCHOENBORN, Schilddrüsenhaken	317	Septummeißel, WEST	236
Schere, KILNER (RAGNELL)	191	Schölly-Volpi-RFO, Adapter.....	20	Septummesser, COTTLE	217
Schere, KNAPP	193	SCHUHKNECHT, Biegegerät.....	85	Septummesser, FREER	216
Schere, LITTAUER.....	199	SCHUHKNECHT, Drahtbiegezängchen	81	Septumosteotom, COTTLE	231
Schere, LITTLER.....	194	SCHUHKNECHT, Messer	122	Septumosteotom, FOMON.....	232
Schere, MASING-COTTLE.....	198	SCHUHKNECHT, Sichelmesser	122	SHEEHAN	101, 232
Schere, METZENBAUM.....	115, 188, 189, 297	SCHUMACHER, Aufsatz	354	Septumquetschzange, RUBIN.....	161
Schere, O'BRIEN.....	199	Schwungmesser, BALLENGER.....	218	Septumrichtzange, ASCH	160
Schere, Ophthalmologie.....	195	SEBILEAU, Elevatorium	86	Septumrichtzange, WALSHAM	160
Schere, PECK-JOSEPH.....	201	SEIFERT, Aufsatz	354	Septumzange, BRUENINGS.....	158
Schere, PERWITZSCHKY.....	298	SEIFFERT-RYDEL, Stimmgabel	59	Septumzange, CRAIG	158
Schere, PRINCE.....	296	SEMKEN, anatomische Pinzette.....	95	Septumzange, HEYMANN	157
Schere, REDA	203	SEMKEN, chirurgische Pinzette	95, 151	Septumzange, JANSEN-MIDDLETON	159
Schere, REYNOLDS (JAMESON).....	191	Septumelevatorium, BALLENGER	225	Septumzange, MIDDLETON-JANSEN	159
Schere, SANVENERO.....	190	Septumelevatorium, BALLENGER-HAJEK	225	Set, Laryngoskope	322, 325, 327, 329
Schere, SHEA.....	80	Septumelevatorium, COTTLE	224, 225	SEWALL, Elevatorium	226
Schere, SPENCER.....	199	Septumelevatorium, COTTLE-JOSEPH.....	224	SEXTON, Ohrmesser	71
Schere, STEVENS	196	Septumelevatorium, FREER ..	91, 223	SHAMBAUGH, Hähchen	135
Schere, STRABISMUS.....	116, 196	Septumelevatorium, GOLDMANN.....	226	SHAPLEIGH, Ohrschlinge.....	67
Schere, Tumor	207	Septumelevatorium, HAJEK-BALLENGER	225	SHEA, Mikro Ohrschere	80
Schere, UNIVERSAL.....	118, 299	Septumelevatorium, HALLE	222	SHEA, scharfer Löffel	134
Schere, WAGNER	197	Septumelevatorium, HOWARTH ..	224	SHEEHAN, Septumosteotom	101, 232
Schere, WILMER/ WALTER/CONVERSE.....	194	Septumelevatorium, JOSEPH-COTTLE.....	224	Sichelmesser.....	121, 122
Schere Mikro	119, 203-205	Septumelevatorium, KILLIAN	223, 225	Sichelmesser Mikro, Laryngoskopie	352
Schere, Nase.....	187	Septumelevatorium, McKENTY.....	92, 222, 224	Sichelmesser, REDA	217
Schere, Ohr	80, 82, 83, 131	Septumelevatorium, PENNINGTON.....	224	Sichelmesser, SCHUHKNECHT	122
Schere, TITAN	203-205	Septumelevatorium, PIERCE	223	Sichelmesser, WULLSTEIN.....	122
Schilddrüsenhaken, SCHOENBORN.....	317	Septumelevatorium, ROGER	222	Siebbeinzange, LUC.....	157
SCHINK, Dermatome	220	Septumelevatorium, SINUS.....	223	Siebbeinzange, TAKAHASHI.....	165
Schlinge, BILLEAU	65	Septumkanüle.....	210, 306, 344	Siebbeinzange, WEIL-BLAKESLEY.....	164
Schlinge, Elektrode Mini	34, 35	Septummeißel, CINELLI.....	232	Siebbeinzangen, WATSON-WILLIAMS.....	166
Schlinge, LANGENBECK	65	Septumelevatorium, SINUS.....	223	SIEGLE, Ohrspekula	56
Schlinge, SHAPLEIGH.....	67	Septumkanüle.....	210, 306, 344	Silikonschlauch f. McIVOR	
Schlinge, WEBER-LOCH	67	Septummeißel, CLAUS-KILLIAN..	236	Mundsperrer	277
Schlingen, Polypenschnürer.....	72			SILVER, Dermatome	221
SCHMEDEN, scharfe Nasenzange.....	169				
SCHNIDT (BOETTCHER), Tonsillenklemme	281				
SCHNIDT, Tonsillenklemme	281				
Schnürdraht.....	163				

SILVER, Septummeißel.....	233	Stanze, KERRISON.....	109, 182	Tele-Laryngoskop	17
Sinoskopietrokar.....	215	Stanze, KOFLER-HAJEK	182	THILENIUS, Tonsillenzange	283
SINUS, Nasensonde	261	Stanze, OSTROEM	184	THUDICHUM, Nasenspekula.....	140
SINUS, Septumlevatorium.....	223	Stanze, SMITH-KERRISON	181	TIECK-HALLE, Nasenspekula.....	144
Sinusdilator, HALLE-RITTER	261	Stanze, Zirkular	186	TILLEY, Tamponzange	74, 155
Sinuskop.....	15	STERNBERG, Wangenhalter.....	270	TITAN Mikro Nadelhalter	123
Sinuskopiezange.....	178, 179	STEVENS, feine Schere.....	196	TITAN Mikro Scheren	203-205
SLUDER-BALLENGER,		STEVENS, Supercuttschere.....	196	TOBOLD, Zungendrucker.....	270
Tonsillotom.....	305	Stichkoagulationselektrode,		Tonsillendissektor,	
SMITH-KERRISON, Stanze	181	bipolar.....	44	ALDERDYCE.....	290
Sonde, BOWMAN.....	262, 293	Stimmgabel, HARTMANN	58	Tonsillendissektor,	
Sonde, FRONTAL.....	261	Stimmgabel, LUCAE.....	59	CARPENTER	291
Sonde, KOCHER.....	317	Stimmgabel, REDA.....	58	Tonsillendissektor, HENKE.....	290
Sonde, RITTER-HALLE.....	261	Stimmgabel, RYDEL-SEIFFERT	59	Tonsillendissektor, HURD	290
Sonde, SINUS	261	Stimmgabel, SEIFFERT-RYDEL	59	Tonsillendissektor,	
Sonde, STACKE	63	Stimmgabeln.....	58, 59	LOPEZ-REINKE	290
Sonde, WILDER	261	Stirnlampe	26, 27	Tonsillendraht	302, 319
Spannarm, YASARGIL	57	Stirnlampe, CLAR.....	26	Tonsillenelevatorium, HENKE.....	290
Spannplatte, Dermatome.....	220	Stirnlampe, LED	27	Tonsillenelevatorium,	
Spatel, BRUENINGS.....	268	Stirnlampe, XENON.....	27	YANKAUER	290
Spatel, BUCHWALD	268	Stirnleuchte.....	24-27	Tonsillenenukleator,	
Spatel, DOUGHTY	279	Stirnspiegel, ZIEGLER	23	CARPENTER	291
Spatel, FRENZEL	268	Stirnstreifen f. ZIEGLER	23	Tonsillenklemme,	
Spatel, KROENIG	268	Stopfer, LUNIATSCHEK	292	BOETTCHER (SCHNIDT).....	281
Spatel, Laryngoskop.....	323-331	Storz-Aesculap-		Tonsillenklemme, MIKULICZ	283
Spatel, McIVOR	277	Kaltlichtkabeladapter	20	Tonsillenklemme, NEGUS	281
Spatel, RING	272	Stössel	98	Tonsillenklemme, SAWTELL	281
Spatel, RUSSEL-DAVIS	278	STRABISMUS,		Tonsillenklemme, SCHNIDT	281
Speicheldrüsenschere,		feine Schere	116, 196	Tonsillenklemme, SCHNIDT	
PERWITZSCHKY	298	STRUEMPEL,		(BOETTCHER).....	281
SPENCER, Fadenschere	199	Fremdkörperzängchen	75	Tonsillennadel, ABRAHAM	287
Spiegel, CLAR	26	STRUYCKEN,		Tonsillennadel, BRUENINGS.....	287
Spiegel, MICHEL	345	scharfe Nasenzange.....	169	Tonsillennadel, CANFIELD	287
Spiegel, ZIEGLER	23	Stützstange, Laryngoskop	335	Tonsillennadel, FISHER.....	286
SPRATT, scharfer Löffel	103	Submukosamesser,		Tonsillennadel.....	210, 306, 344
Spritze, Tonsille	210, 306, 344	FREER-INGALS	219	Tonsillennadel, CLAUS.....	285
Spülkanüle, EICKEN (KILLIAN).....	212	Supercuttschere,		Tonsillennadel, DUPUY-WEISS.....	285
Spülkanüle, KILLIAN	212	BABY-METZENBAUM	188	Tonsillennadel, NAGER	286
Spülkanüle, KILLIAN-EICKEN.....	212	Supercuttschere, STEVENS.....	196	Tonsillenschere, BOETTCHER.....	296
St. CLAIR-THOMSON,		Supercuttschere, WAGNER	197	Tonsillenschere, DEAN.....	296
Nasenrachenzange	310			Tonsillenschere, GOOD.....	296
St. CLAIR-THOMSON,		T		Tonsillenschere, PRINCE	296
Ringmesser	309	TABB, Messer.....	122	Tonsillenschnürer, BRUENINGS	301
STACKE, Ohrsonde.....	63	TAKAHASHI,		Tonsillenschnürer, EVES	301
STANDARD, Pinzette, chirurgisch..	95	scharfe Nasenzange.....	165	Tonsillenschnürer, ROEDER	303
STANDARD, Schere, chirurgisch	117	Tamponpinzette, JANSEN.....	150	Tonsillenschnürer, TYDING	300
Stanze, Antrum.....	184, 185	Tamponpinzette, TROELTSCH.....	149	Tonsillenspritze	210, 306, 344
Stanze, CITELLI	109	Tamponstopfer, LUNIATSCHEK	292	Tonsillenzange, ABRAHAM	282
Stanze, DIETER	84	Tamponzange, LISTER (Sinus).....	155	Tonsillenzange, BALLENGER	281
Stanze,		Tamponzange, LUBET-BARBON	154	Tonsillenzange, BLOHMKE	281
FERRIS-SMITH-KERRISON	181	Tamponzange, TILLEY	74, 155	Tonsillenzange, COLVER	281
Stanze, HAJEK-KOFLER	182, 183	Tamponzange, WESTMACOTT	154	Tonsillenzange, DENIS-BROWN.....	283

Tonsillenzange, HARTMANN307
 Tonsillenzange, MARSCHIK282
 Tonsillenzange, THILENIUS283
 Tonsillenzange, TYDING282
 Tonsillenzange, WHITE281
 Tonsillotom,
 BALENGER-SLUDER305
 TOYNBEE, Ohrspekula53
 Trachealdilatator,
 TROUSSEAU-BABY314
 Trachealhaken, BOSE315
 Trachealhaken, JACKSON314
 Trachealhaken, NEWS315
 Trachealkanüle,
 CHEVALIER-JACKSON316
 Trachealkanüle, LUER316
 Trachealkanüle,
 WAGENER-MOSHER315
 Trachealwundspreizer, BOSE314
 Tracheldilatator, LABORDE314
 Tracheldilatator, TROUSSEAU314
 Trachelhaken, ITERSON315
 Transformator26
 TROELTSCH,
 Nasentamponpinzette149
 TROELTSCH-WILDE,
 Ohr-Nasen-Pinzette94, 152
 Trokar, COAKLEY215
 Trokar, LICHTWITZ215
 Trokar, Sinoskopie215
 Trommelfellnadel, LUCAE70
 Trommelfellnadel, POLITZER ..70, 71
 TROUSSEAU, Trachealdilatator...314
 TROUSSEAU-BABY,
 Trachealdilatator314
 Tumorschere207
 Tupferzange, DUPLAY295
 TYDING, Tonsillenschnürer300
 TYDING, Tonsillenzange282
 TYRELL, Wundhäkchen246

U

UCKERMANN, Watteträger64
 Uhrmacherpinzetten96
 Umstechungsnadel,
 Laryngoskopie353
 UNIVERSAL,
 Draht- u. Bleischere118, 299
 UNIVERSAL, Pulverbläser60
 Uvulahaken, LOTHROP288
 Uvulahaken, LOVE288

V

Ventilball, KABIERSKE60
 Verbindungskabel, bipolar39
 Verlängerungsrohr,
 BRUENINGS354
 VIENNA, Nasenspekula143
 VOLKMANN, scharfer Löffel104
 Volpi-Schölly-RFO, Adapter20
 VOLTOLINI, Nasenspekula140
 Vomerzange,
 CRAIG-DOMINICK158
 VOSS-KRAUSE,
 Polypenschnürer162

W

WAGENER, Wundhäkchen66
 WAGENER-MOSHER,
 Trachealkanüle315
 WAGNER, feine Schere197
 WAGNER, Supercutschere197
 WALSHAM, Septumrichtzange ...160
 WALTER, Flachmeißel235
 Wangenhalter270
 Wangenhalter,
 CAWOOD-MINNESOTA268
 Wangenhalter, STERNBERG270
 Warmlichtgriff333
 WATSON, Dermatom221
 WATSON-WILLIAMS,
 scharfe Nasenzange166
 Watteträger63, 64, 347
 Watteträger, FARRELL63
 Watteträger, FEIN347
 Watteträger, FROHN63
 Watteträger, JOBSON-HORNE64
 Watteträger, KILLIAN347
 Watteträger, REDA64
 Watteträger, UCKERMANN64
 WEBER-LOCH, Ohrschlinge67
 WEBSTER, Nadelhalter209
 WEIL-BLAKESLEY,
 Nasenzange164, 168
 WEITLANER, Wundspreizer111
 WEST, Septummeißel236
 WESTMACOTT,
 Nasentamponzange154
 WHITE, Tonsillenzange281
 WIEDER, Zungendrucker269
 WIEN, Nasenspekula143
 WIENER, Antrumraspel238
 WILDE (TROELTSCH),
 Ohr-Nasen-Pinzette94, 152

WILDE, Polypenschnürer72, 163
 WILDER, Nasensonde261
 WILLIGER, Raspatorium87
 WILLIGER, scharfer Löffel105
 WILLIGER, Wundhaken114
 Winter+IBE, Adapter20
 Wolf-Kaltlichtkabeladapter20
 WULLSTEIN,
 Mikro Löffelzängchen79
 WULLSTEIN,
 Mikro Ohrscherchen83
 WULLSTEIN,
 Mikro Ohrzängchen79
 WULLSTEIN, Raspatorium92
 WULLSTEIN, Sauggriff127, 129
 WULLSTEIN, Saugrohr127
 WULLSTEIN, Sichelmesser122
 WULLSTEIN, Wundspreizer113
 Wundhäkchen, BARSKY248
 Wundhäkchen, BERGMANN250
 Wundhäkchen, FRAZIER246
 Wundhäkchen, FREER254
 Wundhäkchen, GILLIES254
 Wundhäkchen, GRAEFE246
 Wundhäkchen, GUTHRIE246
 Wundhäkchen, HUMBY248
 Wundhäkchen, JOSEPH247
 Wundhäkchen,
 KLEINERT-KUTZ247
 Wundhäkchen, KNAPP250
 Wundhäkchen, LAHEY246
 Wundhäkchen, LUCAE66, 250
 Wundhäkchen, REDA249
 Wundhäkchen, ROLLET250
 Wundhäkchen, TYRELL246
 Wundhaken,
 BRÜNINGS-BRUNK263
 Wundhaken, HOFER289
 Wundhaken,
 KOCHER-LANGENBECK263
 Wundhaken, LOTHROP288
 Wundhaken, LOVE288
 Wundhaken, MASING251
 Wundhaken, MIDDELDORPF263
 Wundhaken, NAGER289
 Wundhaken, ROUX-BABY263
 Wundhaken, WILLIGER114
 Wundsperrer110-113
 Wundsperrer, ADSON112
 Wundsperrer, ALM110
 Wundsperrer, BOSE314
 Wundsperrer, FINSEN110

Wundsperrerr, FISCH 112, 265
Wundsperrerr, HOLZHEIMER 110
Wundsperrerr, JANSEN 110
Wundsperrerr, MOLLISON 112
Wundsperrerr, PLESTER 113, 264
Wundsperrerr, WEITLANER 111
Wundsperrerr, WULLSTEIN 113

X

Xenon-Stirnlampe 27

Y

YANKAUER, Saugrohr 284
YANKAUER,
Tonsillenelevatorium 290
YASARGIL,
Fixiervorrichtung 57, 148
YASARGIL, flexibler Spannarm 57
YASARGIL, Ohrspekulahalter 57
YASARGIL, Ohrtrichterhalter 57
YOUNG, Zungenzange 270

Z

Zängchen, BUCK 73
Zängchen, DUCKBILL 75
Zängchen, GREVEN 81
Zängchen, HARTMANN 74, 75
Zängchen,
HARTMANN-HOFFMANN 75, 175
Zängchen,
HARTMANN-WEINGÄRTNER 75
Zängchen,
HARTMANN-WULLSTEIN 75, 175
Zängchen, LITTAUER 74
Zängchen, McGEE 81
Zängchen, Mikro 75-81
Zängchen, Ohr 76, 77
Zängchen, SCHUHKNECHT 81
Zängchen, STRUEMPER 75
Zängchen, TILLEY 74, 155
Zängchen, WULLSTEIN 79
Zange, ABRAHAM 282
Zange, ASCH 160
Zange, BALLENGER 281
Zange, Biopsie 15, 167
Zange, BLAKESLEY 164, 168, 180
Zange, BLOHMKE 281
Zange, BRUENINGS 158
Zange, CHEVALIER-JACKSON 356
Zange, COLLIN 270
Zange, COLVER 281
Zange, CRAIG 158

Zange, CRAIG-DOMINICK 158
Zange, DENIS-BROWN 283
Zange, FRAENKEL 342
Zange, HARTMANN 154, 169, 307
Zange, HEYMANN 157
Zange, HOUSE-GELFOAM 85
Zange, JACKSON-CHEVALIER 356
Zange, JANSEN-MIDDLETON 159
Zange, JATHO 310
Zange, JURASZ 311, 342
Zange, KEYMANN-KNIGHT 156
Zange, KNIGHT 157
Zange, LAHEY 318
Zange, LITTAUER 156
Zange, LUBET-BARBON 154
Zange, LUC 157
Zange, MARSCHIK 282
Zange, McINDOE 108, 208
Zange, MIDDLETON-JANSEN 159
Zange, NOYES 155
Zange, Ohr 131
Zange, RUBIN 161
Zange, Sinuskopie 178, 179
Zange, St. CLAIR-THOMSON 310
Zange, STRUYCKEN 169
Zange, THILENIUS 283
Zange, TYDING 282
Zange, WALSHAM 160
Zange, WATSON-WILLIAMS 166
Zange, WEIL-BLAKESLEY 164, 168
Zange, WESTMACOTT 154
Zange, WHITE 281
Zange, YOUNG 270
ZAUFAL, Ohrhebel 65
ZAUFAL-JANSEN,
Hohlmeißelzange 107
ZAUFAL-JANSEN, Ohrhebel 65
ZIEGLER, Stirnspiegel 23
Zirkularstanze 186
ZÖLLNER, Saugrohr 125
Zungendrucker, ANDREW 269
Zungendrucker, DINGMANN 276
Zungendrucker, HARTMANN 269
Zungendrucker,
KILNER-DOUGHTY 275
Zungendrucker,
MORITZ-SCHMIDT 269
Zungendrucker, TOBOLD 270
Zungendrucker, WIEDER 269
Zungenspatel 268
Zungenspatel, BRUENINGS 268
Zungenspatel, BUCHWALD 268

Zungenspatel, DAVIS-BOYLE 273
Zungenspatel, DOUGHTY 279
Zungenspatel, FRENZEL 268
Zungenspatel, Holz 268
Zungenspatel, KROENIG 268
Zungenspatel, McIVOR 277
Zungenspatel, RING 272
Zungenspatel, RUSSEL-DAVIS 278
Zungenzange, COLLIN 270
Zungenzange, YOUNG 270
Zystoskop 16

- A**
- ABRAHAM forceps282
- ABRAHAM knife287
- adaptor for cable20
- adenoid BARNHILL308
- adenoid curette BECKMANN308
- adenoid curette
- St. CLAIR-THOMSON309
- adenotome LAFORCE309
- ADSON dressing forceps97
- ADSON tissue forceps97
- ADSON retractor111
- air bag POLITZER61
- alar retractor CONVERSE252
- alar retractor COTTLE252, 253
- alar retractor
- COTTLE-NEIVERT252
- alar retractor FOMON253
- alar retractor KILNER253
- ALDERDYCE tonsil dissector290
- ALM retractor109
- ANDREW tongue depressor269
- antrum curette COAKLEY256
- antrum curette FAULKNER256
- antrum elevator SEWALL226
- antrum punch184, 185
- antrum curette256, 257
- applicator cotton FARRELL63
- applicator cotton FROHN63
- applicator cotton
- JOBSON-HORNE64
- applicator cotton REDA64
- applicator cotton UCKERMANN64
- ASCH septum straightening
- forceps160
- AUFRICHT nasal rasp239
- AUFRICHT nasal retractor251
- B**
- BALLENGER septum elevator225
- BALLENGER tonsil forceps281
- BALLENGER
- septum swivel knife218
- BANE-HARTMANN
- bone rongeur106
- BARACANI tip354
- BARANY noise apparatus60
- BARBARA needle ROSEN135, 136
- BARNHILL adenoid curette308
- BARON suction tube128
- BARRAQUER
- micro needle holder123
- BARSKY retractor248
- BARTH bone curette104
- BECKMANN adenoid curette308
- BELLUCCI micro ear scissors80
- bending device SCHUKNECHT85
- BERGMANN retractor250
- BEUSE face lift scissors201
- BEYER bone rongeur107
- BILLEAU ear loop65
- biopsy forceps15
- biopsy punch179
- bipolar suction forceps42
- bipolar forceps36, 37, 38
- bipolar cable39
- bipolar stitch electrode44, 45
- bipolar forceps NON STICK40, 41
- blades tongue DOUGHTY279
- blades tongue RUSSEL-DAVIS278
- blepharoplasty scissors
- GREENBERG-PAR202
- blepharoplasty scissors KAYE202
- BLOHMKE tonsil forceps281
- BLUMENTHAL bone rongeur106
- BOETTCHEr tonsil scissors296
- BÖHLER bone rongeur107, 108
- BOIES nasal fracture elevator226
- bone rongeur
- BANE-HARTMANN106
- bone curette BARTH104
- bone rongeur BEYER107
- bone rongeur BLUMENTHAL106
- bone rongeur BÖHLER107, 108
- bone punch CITELLI109
- bone rongeur
- COTTLE-KAZANJIAN108
- bone curette DAUBENSPECK258
- bone punch
- FERRIS-SMITH-KERRISON181
- bone curette HALLE104, 258
- bone rongeur KLEINERT-KUTZ107
- bone curette LEMPert103
- bone rongeur LEMPert107
- bone rongeur LUER106
- bone curette MARTINI105
- bone rongeur MC INDOE108
- bone tamper PASSOW98, 235
- bone curette SPRATT103
- bone curette VOLKMANN104
- bone curette WILLIGER105
- bone rongeur ZAUFAL-JANSEN107
- bone curette JANSEN103
- bone cutting forceps
- COTTLE-KAZANJIAN208
- bone cutting forceps MC INDOE208
- BONN scissors192
- BOSE tracheal spreader314, 315
- BOUCHERON ear specula53
- BOWMAN lacrimal probe262
- BOWMAN salivary duct probe293
- bronchoscope forceps
- CHEVALIER-JACKSON356
- bronchoscope18
- BRUENINGS tongue depressor268
- BRUENINGS
- nasal septum forceps158
- BRUENINGS tonsil knife287
- BRUENINGS tonsil snare301
- BRUENINGS ear specula set55
- BRUENINGS handle354
- BRUENINGS tip354
- BRÜNINGS-BRUNK retractor263
- BRÜNINGS-LUCAS gouge98
- BUCHWALD tongue depressor268
- BUCK ear curette68, 69
- BUCK foreign body lever73
- burr30, 31
- C**
- cable bipolar39
- cable light guide19
- CANFIELD tonsil knife287
- cannula EICKEN212
- cannula KILLIAN212
- cannula laryngeal210, 306, 344
- cannula septum210, 306, 344
- cannula tracheal
- CHEVALIER-JACKSON316
- cannula tracheal LUER316
- CAPLAN nasal scissors206
- CARPENTER tonsil enucleator291
- carrier cotton FEIN347
- carrier cotton KILLIAN347
- carrier cotton347
- carrier fibreglass light337, 338
- cartilage crusher COTTLE237
- cartilage file DINGMANN130
- cartilage knife MASING219
- CASTROVIEJO
- micro needle holder124
- catheter ear HARTMANN70
- CAWOOD-MINNESOTA
- tongue depressor268
- cheek retractor STERNBERG270
- cheek retractor270

chest support LEWY.....	336	COTTLE-JOSEPH		DENIS BROWNE tonsil forceps ...	283
chest support NEGUS.....	280	septum elevator.....	224	depressor tongue ANDREW.....	269
CHEVALIER-JACKSON		COTTLE-KAZANJIAN		depressor tongue BRUENINGS ...	268
tracheal cannula.....	316	bone cutting forceps.....	208	depressor tongue BUCHWALD	268
CHEVALIER-JACKSON		COTTLE-KAZANJIAN		depressor tongue	
bronchoscope forceps.....	356	bone rongeur.....	108	CAWOOD-MINNESOTA.....	268
chisel FREER.....	100	COTTLE-MASING		depressor tongue	
chisel PARTSCH.....	99	nasal scissors.....	198	DAVIS-BOYLE.....	273
chisel WALTER.....	235	COTTLE-NEIVERT		depressor tongue FRENZEL.....	268
chisel.....	98	alar retractor.....	252	depressor tongue HARTMANN	269
chisel rhinoplasty CINELLI.....	232	cotton applicator FARRELL.....	63	depressor tongue KROENIG.....	268
chisel rhinoplasty COTTLE.....	231	cotton carrier FEIN.....	347	depressor tongue	
chisel rhinoplasty FOMON.....	232	cotton applicator FROHN.....	63	MORITZ-SCHMIDT.....	269
chisel rhinoplasty		cotton applicator		depressor tongue RING.....	272
NEIVERT-ANDERSON.....	233	JOBSON-HORNE.....	64	depressor tongue TOBOLD.....	270
chisel rhinoplasty SHEEHAN.....	232	cotton carrier KILLIAN.....	347	depressor tongue WIEDER.....	269
chisel rhinoplasty SILVER.....	233	cotton applicator REDA.....	64	depressor tongue.....	268
chisel septum FREER.....	230	cotton applicator UCKERMANN....	64	DERF needle holder.....	209
choana hook LANGE.....	255	cotton carrier.....	347	DERLACKI tissue forceps.....	97
CINELLI rhinoplasty chisel.....	232	CRAIG nasal septum forceps.....	158	dermatome HUMBY.....	221
circular punch.....	186	CRAIG-DOMNICK		dermatome SCHINK.....	220
CITELLI bone punch.....	109	nasal septum forceps.....	158	dermatome SILVER.....	221
clamp muscular MASTIN.....	318	CRILE-WOOD needle holder.....	209	dermatome WATSON.....	221
CLAUS tonsil needle.....	285	crusher cartilage COTTLE.....	237	diagnostic set.....	48, 49, 50, 51, 52
coagulation suction tube.....	211	curette adenoid BARNHILL.....	308	DIETER malleus punch.....	84
coagulator monopolar suction.....	43	curette adenoid BECKMANN.....	308	dilator lachrymal WILDER.....	261
COAKLEY antrum curette.....	256	curette adenoid		dilator sinus RITTER-HALLE.....	261
COAKLEY trocar.....	215	St. CLAIR-THOMSON.....	309	dilator tracheal LABORDE.....	314
COLLIN tongue forceps.....	270	curette antrum COAKLEY.....	256	dilator tracheal TROUSSEAU.....	314
columella forceps COTTLE.....	153	curette antrum FAULKNER.....	256	dilator tracheal	
COLVER tonsil forceps.....	281	curette antrum.....	256, 257	TROUSSEAU-BABY.....	314
CONVERSE nasal knife.....	217	curette bone BARTH.....	104	DINGMANN cartilage file.....	130
CONVERSE alar retractor.....	252	curette bone DAUBENSPECK.....	258	DINGMANN mouth gag.....	276
CONVERSE scissors.....	194	curette bone HALLE.....	104, 258	DINGMANN nasal rasp.....	244
CORDES tip.....	354	curette bone LEMPert.....	103	dissecting scissors GORNEY.....	116
COTTLE rhinoplasty chisel.....	231	curette bone MARTINI.....	105	dissecting scissors JAMESON.....	191
COTTLE cartilage crusher.....	237	curette bone SPRATT.....	103	dissecting scissors	
COTTLE septum elevator.....	224, 225	curette bone VOLKMANN.....	104	JOSEPH.....	116, 190
COTTLE columella forceps.....	153	curette bone WILLIGER.....	105	dissecting scissors KELLY.....	191
COTTLE ear forceps.....	94	curette bone JANSEN.....	103	dissecting scissors KILNER.....	191
COTTLE nasal forceps.....	152	curette ear BUCK.....	68, 69	dissecting scissors	
COTTLE nasal knife.....	217	curette micro HOUSE.....	133	METZENBAUM	115, 188, 189, 297
COTTLE nasal rasp.....	239			dissecting scissors	
COTTLE alar retractor.....	252, 253			METZENBAUM FINO.....	115, 189
COTTLE finger ring retractor.....	255			dissecting scissors RAGNELL.....	191
COTTLE nasal retractor.....	251			dissecting scissors REYNOLDS...191	
COTTLE nasal scissors.....	198			dissecting scissors	
COTTLE nasal specula.....	146, 147			SANVENERO.....	190
COTTLE mallet.....	102, 260			dissecting scissors	
COTTLE osteotome.....	100			STRABISMUS.....	116, 196
COTTLE retractor.....	254			dissector FISCH.....	93
COTTLE scissors.....	194			dissector thyroid KOCHER.....	317

dissector tonsil ALDERDYCE290
 dissector tonsil HURD290
 dissector tonsil LOPEZ-REINKE ..290
 DOUGHTY tongue blades279
 DOYEN-JANSEN mouth gag271
 dressing forceps ADSON.....97
 dressing forceps DUPLAY295
 dressing forceps GRAEFE95
 dressing forceps POTTS-SMITH..294
 dressing forceps SEMKEN.....95
 dressing forceps STANDARD.....95
 dressing forceps295
 DUCKBILL micro ear forceps75
 DUPLAY dressing forceps.....295
 DUPUY-WEISS tonsil needle285

E

ear specula BOUCHERON.....53
 ear curette BUCK68, 69
 ear forceps COTTLE94
 ear hook DAY66
 ear specula GRUBER.....53
 ear specula HARTMANN.....53
 ear catheter HARTMANN70
 ear forceps HARTMANN74
 ear forceps LITTAUER74
 ear hook LUCAE.....66
 ear forceps LUCAE.....94
 ear syringe REINER61
 ear loop SHAPLEIGH67
 ear probe STACKE.....63
 ear hook WAGENER66
 ear forceps WILDE
 (TROELTSCH).....94
 ear loop ZAUFAL65
 ear elevator ZAUFAL-JANSEN.....65
 ear specula55, 56
 ear syringe62
 ear loop BILLEAU.....65
 ear specula FARRIOR.....54
 ear spoon GROSS.....65
 ear loop LANGENBECK.....65
 ear specula POLITZER53
 ear forceps TILLEY.....74
 ear specula TOYNBEE.....53
 ear loop WEBER-LOCH67
 ear hook65, 66
 ear polypus forceps
 HARTMANN175
 ear polypus forceps
 HARTMANN-HOFFMANN.....175
 ear polypus forceps

HARTMANN-WULLSTEIN175
 ear polypus snare KRAUSE72
 ear polypus snare WILDE.....72
 ear specula holder YASARGIL.....57
 ear specula set BRUENINGS.....55
 ear specula set SIEGLE56
 EICKEN cannula212
 electrode bipolar stitch.....44, 45
 electrodes34, 35
 elevator FREER.....91
 elevator LEMPert.....88, 91
 elevator McKENTY.....92
 elevator QUERVAIN86
 elevator SEBILEAU86
 elevator138
 elevator antrum SEWALL226
 elevator ear ZAUFAL-JANSEN.....65
 elevator nasal FRONTAL.....261
 elevator nasal SINUS.....261
 elevator nasal fracture BOIES226
 elevator septum BALLENGER225
 elevator septum COTTLE.....224, 225
 elevator septum
 COTTLE-JOSEPH.....224
 elevator septum FREER.....223
 elevator septum
 HAJEK-BALLENGER225
 elevator septum HALLE.....222
 elevator septum HOWARTH.....224
 elevator septum JOSEPH.....222
 elevator septum KILLIAN.....223, 225
 elevator septum MASING.....222
 elevator septum McKENTY .222, 224
 elevator septum PENNINGTON...224
 elevator septum PIERCE.....223
 elevator septum ROGER.....222
 elevator septum SINUS.....223
 elevator septum fracture
 GOLDMANN.....226
 elevator tonsil HENKE290
 elevator tonsil YANKAUER290
 elevator laryngeal suction352
 endoscope18
 enucleator tonsil CARPENTER.....291
 epiglottis retractor REICHERT.....343
 ethmoid forceps TAKAHASHI.....165
 ethmoid forceps
 WATSON-WILLIAMS.....166
 ethmoid forceps
 WEIL-BLAKESLEY164
 EVES tonsil snare.....301

F

face lift scissors BEUSE.....201
 face lift scissors GORNEY.....200
 face lift scissors
 GORNEY-FREEMAN200
 face lift scissors KAYE.....201
 face lift scissors
 PECK-JOSEPH201
 FARABEUF raspatory90
 FARRELL cotton applicator63
 FARRIOR ear specula.....54
 FAULKNER antrum curette256
 FEIN cotton carrier347
 FERGUSSON suction tube213
 FERRIS-SMITH-KERRISON
 bone punch.....181
 fibreglass light carrier337, 338
 fibreglass laryngoscope339
 file cartilage DINGMANN.....130
 finger ring retractor COTTLE255
 FINSSEN retractor109
 FISCH micro ear scissors.....82
 FISCH dissector93
 FISCH retractor111, 265
 FISHER tonsil knife286
 FOMON rhinoplasty chisel.....232
 FOMON nasal rasp.....240, 241
 FOMON alar retractor.....253
 FOMON nasal scissors.....198
 forceps biopsy15
 forceps bipolar36, 37, 38
 forceps bipolar NON STICK40, 41
 forceps bone cutting
 COTTLE-KAZANJIAN208
 forceps bone cutting MC INDOE ..208
 forceps bronchoscope
 CHEVALIER-JACKSON356
 forceps columella COTTLE153
 forceps dressing ADSON.....97
 forceps dressing DUPLAY295
 forceps dressing GRAEFE95
 forceps dressing POTTS-SMITH..294
 forceps dressing SEMKEN.....95
 forceps dressing STANDARD.....95
 forceps dressing295
 forceps ear COTTLE94
 forceps ear HARTMANN74
 forceps ear LITTAUER74
 forceps ear LUCAE.....94
 forceps ear WILDE
 (TROELTSCH).....94
 forceps ear TILLEY.....74

forceps ear polypus	(Sinus)	155	forceps tonsil WHITE.....	281
HARTMANN	forceps nasal dressing		forceps tonsil abscess	
forceps ear polypus	LUBET-BARBON.....	154	THILENIUS.....	283
HARTMANN-HOFFMANN.....	forceps nasal dressing NOYES.....	155	forceps micro laryngeal	350, 351
forceps ear polypus	forceps nasal dressing TILLEY.....	155	forceps bipolar suction	42
HARTMANN-WULLSTEIN	forceps nasal dressing		foreign body lever BUCK.....	73
forceps ethmoid TAKAHASHI.....	WESTMACOTT.....	154	foreign body lever QUIRE.....	73
forceps ethmoid	forceps nasal polypus		fork tuning HARTMANN	58
WATSON-WILLIAMS.....	HEYMANN-KNIGHT	156	fork tuning LUCAE.....	59
forceps ethmoid	forceps nasal polypus		fork tuning RYDEL-SEIFFERT	59
WEIL-BLAKESLEY.....	LITTAUER	156	fork tuning	58, 59
forceps jeweler	forceps nasal septum		FRAENKEL	
forceps laryngeal JACKSON.....	BRUENINGS	158	laryngeal polypus forceps.....	342
forceps laryngeal polypus	forceps nasal septum CRAIG.....	158	FRAENKEL tip	354
FRAENKEL.....	forceps nasal septum		FRAZIER retractor	246
forceps laryngeal polypus	CRAIG-DOMNICK	158	FRAZIER/FERGUSSON	
JURASZ.....	forceps nasal septum		suction tube	125, 213
forceps maxillary sinus	HEYMANN.....	157	FREER septum chisel	230
forceps micro ear DUCKBILL	forceps nasal septum KNIGHT.....	157	FREER septum elevator.....	223
forceps micro ear HARTMANN	forceps nasal septum LUC	157	FREER nasal knife	216
forceps micro ear	forceps nasal septum		FREER chisel	100
HARTMANN-HOFFMANN.....	MIDDLETON-JANSEN	159	FREER elevator	91
forceps micro ear	forceps naso pharyngeal		FREER gouge	236
HARTMANN-WEINGÄRTNER.....	JATHO	310	FREER retractor	254
forceps micro ear	forceps naso pharyngeal		FREER-INGALS mucosa knife.....	219
HARTMANN-WULLSTEIN	JURASZ.....	311	FRENZEL nystagmus spectacle	22
forceps micro ear ...75, 76, 77, 78, 79	forceps naso pharyngeal		FRENZEL tongue depressor	268
forceps morselizer RUBIN.....	St. CLAIR-THOMSON.....	310	FROHN cotton applicator	63
forceps nasal COTTLE.....	forceps pressure		FRONTAL nasal elevator.....	261
forceps nasal GILLIES.....	HOUSE-GELFOAM.....	85		
forceps nasal GRAEFE	forceps seizing LAHEY	318	G	
forceps nasal JANSEN.....	forceps septum straightening		gag mouth DAVIS-BOYLE.....	274
forceps nasal	ASCH.....	160	gag mouth DAVIS-MEYER	277
JANSEN-GRUENWALD	forceps septum straightening		gag mouth DENHART	271
forceps nasal LUCAE	WALSHAM	160	gag mouth DINGMANN.....	276
forceps nasal McINDOE.....	forceps tissue ADSON.....	97	gag mouth DOYEN-JANSEN	271
forceps nasal TROELTSCH.....	forceps tissue DERLACKI	97	gag mouth HEISTER.....	271
forceps nasal WILDE	forceps tissue POTTS-SMITH	294	gag mouth JENNINGS	271
(TROELTSCH).....	forceps tissue SEMKEN	95	gag mouth KILNER-DOUGHTY	275
forceps nasal	forceps tongue YOUNG.....	270	gag mouth MAUNDER	280
forceps nasal cutting	forceps tongue COLLIN.....	270	gag mouth McIVOR.....	277
HARTMANN	forceps tonsil ABRAHAM.....	282	gag mouth MOLT.....	271
forceps nasal cutting	forceps tonsil BALLENGER.....	281	gag mouth ROSER-KOENIG.....	271
SCHMEDEN	forceps tonsil BLOHMKE.....	281	GALLAHER nasal rasp.....	243
forceps nasal cutting	forceps tonsil COLVER.....	281	gauze packer LUNIATSCHEK.....	292
STRUYCKEN	forceps tonsil DENIS BROWNE	283	GERZOG mallet	259
forceps nasal cutting	forceps tonsil MARSCHIK	282	GILLIES nasal forceps.....	151
WEIL-BLAKESLEY.....	forceps tonsil MIKULICZ.....	283	GILLIES retractor	254
forceps nasal cutting170-174, 178	forceps tonsil NEGUS.....	281	GLABELLA nasal rasp.....	238
forceps nasal dressing	forceps tonsil SAWTELL.....	281	GOLDMANN	
HARTMANN	forceps tonsil SCHNIDT	281	septum fracture elevator.....	226
forceps nasal dressing LISTER	forceps tonsil TYDING.....	282	GOOD tonsil scissors	296

GORNEY dissecting scissors 116
 GORNEY face lift scissors 200
 GORNEY-FREEMAN
 face lift scissors 200
 gouge BRÜNNINGS-LUCAS 98
 gouge FREER 236
 gouge LEXER MINI 100
 gouge PARTSCH 99
 gouge WEST 236
 gouge 98
 gouge rhinoplasty HAJEK 236
 gouge rhinoplasty
 KILLIAN-CLAUS 236
 GRADLE scissors 195
 GRAEFE dressing forceps 95
 GRAEFE nasal forceps 151
 GRAEFE retractor 246
 GRAEFE scissors 194
 GREENBERG-PAR
 blepharoplasty scissors 202
 GREVEN micro ear scissors 81
 GROSS ear spoon 65
 GRUBER ear specula 53
 GUILÉN raspatory suction 227
 GUTHRIE retractor 246

H

HAIJEK rhinoplasty gouge 236
 HAJEK mallet 102
 HAJEK-BALLENGER
 septum elevator 225
 HAJEK-KOFLER punch 182, 183
 HALLE bone curette 104, 258
 HALLE septum elevator 222
 HALSEY needle holder 209
 handle BRUENINGS 354
 handle HUBER 354
 handle laryngeal 346
 handle laryngoscope 332, 333
 handle suction WULLSTEIN 129
 HARTMANN ear catheter 70
 HARTMANN tongue depressor 269
 HARTMANN ear forceps 74
 HARTMANN
 ear polypus forceps 175
 HARTMANN micro ear forceps 75
 HARTMANN
 nasal cutting forceps 169
 HARTMANN
 nasal dressing forceps 154
 HARTMANN tuning fork 58
 HARTMANN tonsil punch 307

HARTMANN ear specula 53
 HARTMANN nasal specula 142
 HARTMANN-HALLE
 nasal specula 141
 HARTMANN-HOFFMANN
 ear polypus forceps 175
 HARTMANN-HOFFMANN
 micro ear forceps 75
 HARTMANN-WEINGÄRTNER
 micro ear forceps 75
 HARTMANN-WULLSTEIN
 ear polypus forceps 175
 HARTMANN-WULLSTEIN
 micro ear forceps 75
 head mirror ZIEGLER 23
 head light 24, 25, 26, 27
 HEISTER mouth gag 271
 HENKE tonsil elevator 290
 HEYMANN
 nasal septum forceps 157
 HEYMANN nasal scissors 198
 HEYMANN-KNIGHT
 nasal polypus forceps 156
 HOFER palate retractor 289
 HOLZHEIMER retractor 109
 hook PLESTER 137
 hook choana LANGE 255
 hook ear DAY 66
 hook ear LUCAE 66
 hook ear WAGENER 66
 hook ear 65, 66
 hook laryngeal 352, 353
 hook tracheal ITERSON 315
 hook tracheal JACKSON 314
 hook tracheal NEWS 315
 hooklet McGEE 136
 HOUSE micro curette 133
 HOUSE measuring rod 132
 HOUSE suction tube 126, 214
 HOUSE-GELFOAM
 pressure forceps 85
 HOWARTH septum elevator 224
 HUBER handle 354
 HUMBY dermatome 221
 HUMBY retractor 248
 HURD tonsil dissector 290

I

injection needle 349
 instrument handle laryngeal 353
 IRIS operating scissors 117, 192
 ITERSON tracheal hook 315

J

JACKSON laryngeal forceps 343
 JACKSON tracheal hook 314
 JAMESON dissecting scissors 191
 JANSEN bone curette 103
 JANSEN nasal forceps 150
 JANSEN raspatory 91
 JANSEN retractor 109
 JANSEN-GRUENWALD
 nasal forceps 150
 JATHO naso pharyngeal forceps 310
 JENNINGS mouth gag 271
 jeweler forceps 96
 JOBSON-HORNE cotton
 applicator 64
 JOSEPH septum elevator 222
 JOSEPH nasal knife 216, 217
 JOSEPH nasal rasp 238, 239
 JOSEPH nasal saw 244, 245
 JOSEPH
 dissecting scissors 116, 190
 JOSEPH raspatory 88
 JOSEPH retractor 247
 JURASZ
 laryngeal polypus forceps 342
 JURASZ
 naso pharyngeal forceps 311

K

KABIERKE powder blower 60
 KAYE blepharoplasty scissors 202
 KAYE face lift scissors 201
 KELLY dissecting scissors 191
 KERRISON punch 109, 182
 KILLIAN cotton carrier 347
 KILLIAN septum elevator 223, 225
 KILLIAN laryngeal scissors 343
 KILLIAN nasal specula 144, 145
 KILLIAN cannula 212
 KILLIAN-CLAUS
 rhinoplasty gouge 236
 KILNER alar retractor 253
 KILNER dissecting scissors 191
 KILNER-DOUGHTY mouth gag 275
 KLEINERT-KUTZ bone rongeur 107
 KLEINERT-KUTZ retractor 247
 KNAPP retractor 250
 KNAPP scissors 193
 knife PLESTER 122
 knife ROSEN 120, 121
 knife SCHUKNECHT 122
 knife TABB 122

knife WULLSTEIN122
 knife121
 knife cartilage MASING219
 knife laryngeal352, 353
 knife mucosa FREER-INGALS219
 knife nasal CONVERSE217
 knife nasal COTTLE217
 knife nasal FREER216
 knife nasal JOSEPH216, 217
 knife septum swivel
 BALLENGER218
 knife sickle REDA217
 knife tonsil ABRAHAM287
 knife tonsil BRUENINGS287
 knife tonsil CANFIELD287
 knife tonsil FISHER286
 knife tympanum LUCAE70
 knife tympanum POLITZER70, 71
 knife tympanum SEXTON71
 KNIGHT nasal septum forceps157
 knot tier NEGUS304
 knot laryngeal tier352
 KOCHER thyroid dissector317
 KOCHER-LANGENBECK
 retractor263
 KÖNIG raspatory86
 KRAUSE ear polypus snare72
 KRAUSE nasal polypus snare162
 KRAUSE tip354
 KRAUSE-VOSS
 nasal polypus snare162
 KROENIG tongue depressor268

L

LABORDE tracheal dilator314
 lachrial probe BOWMAN262
 lachrial dilator WILDER261
 LAFORCE adenotome309
 LAHEY seizing forceps318
 LAHEY retractor246
 LANGE choana hook255
 LANGE tip354
 LANGENBECK ear loop65
 LANGENBECK raspatory86
 laryngeal micro scissors351
 laryngeal suction elevator352
 laryngeal forceps JACKSON343
 laryngeal scissors KILLIAN343
 laryngeal mirror MICHEL345
 laryngeal knot tier352
 laryngeal cannula210, 306, 344
 laryngeal mirror346

laryngeal handle346
 laryngeal knife352, 353
 laryngeal hook352, 353
 laryngeal needle352
 laryngeal instrument handle353
 laryngeal micro forceps350, 351
 laryngeal polypus snare319
 laryngeal needle holder349
 laryngeal polypus forceps
 FRAENKEL342
 laryngeal polypus forceps
 JURASZ342
 laryngoscope McCOY324, 331
 laryngoscope McINTOSH
322, 323, 327, 328
 laryngoscope MILLER
325, 326, 329, 330
 laryngoscope17
 laryngoscope handle332, 333
 laryngoscope spare bulb332, 333
 laryngoscope fibreglass339
 laryngoscope operation
334, 335, 340, 341
 LEMPert bone curette103
 LEMPert bone rongeur107
 LEMPert elevator88, 91
 LEMPert raspatory88
 lever foreign body BUCK73
 lever foreign body QUIRE73
 LEWIS nasal rasp239
 LEWY chest support336
 LEXER osteotome228
 LEXER MINI gouge100
 LEXER MINI osteotome100
 LEYLA retractor148
 LICHTWITZ trocar215
 light fibreglass carrier337, 338
 light guide cable19
 LINDEMANN nasal saw245
 LISTER (Sinus)
 nasal dressing forceps155
 LITTAUER ear forceps74
 LITTAUER
 nasal polypus forceps156
 LITTAUER stitch scissors199
 LITTLER scissors194
 loop ear SHAPLEIGH67
 loop ear ZAUFAL65
 loop ear BILLEAU65
 loop ear LANGENBECK65
 loop ear WEBER-LOCH67
 LOPEZ-REINKE tonsil dissector290

LOTHROP uvula retractor288
 LOVE uvula retractor288
 LUBET-BARBON
 nasal dressing forceps154
 LUC nasal septum forceps157
 LUCAE ear forceps94
 LUCAE nasal forceps152
 LUCAE tuning fork59
 LUCAE ear hook66
 LUCAE tympanum knife70
 LUCAE retractor250
 LUER tracheal cannula316
 LUER bone rongeur106
 LUNIATSCHEK gauze packer292

M

mallet COTTLE102, 260
 mallet GERZOG259
 mallet HAJEK102
 mallet MEAD102, 259
 mallet PARTSCH102, 260
 mallet QUISLING260
 mallet102, 259
 mallet plastic260
 malleus punch DIETER84
 MALTZ nasal rasp238, 239
 MARSCHIK tonsil forceps282
 MARTINI bone curette105
 MASING septum elevator222
 MASING cartilage knife219
 MASING nasal rasp242
 MASING nasal retractor251
 MASING-NEIVERT
 nasal retractor251
 MASTIN muscular clamp318
 MAUNDER mouth gag280
 maxillary sinus forceps176, 177
 MC INDOE
 bone cutting forceps208
 MC INDOE bone rongeur108
 McCOY laryngoscope324, 331
 McGEE hooklet136
 McGHEE micro ear scissors81
 McINDOE nasal forceps151
 McINTOSH laryngoscope
322, 323, 327, 328
 McIVOR mouth gag277
 McKENTY septum elevator222, 224
 McKENTY elevator92
 MEAD mallet102, 259
 measuring rod HOUSE132

METZENBAUM dissecting scissors 115, 188, 189, 297	mouth gag DINGMANN 276	nasal retractor MASING 251
METZENBAUM FINO	mouth gag DOYEN-JANSEN 271	nasal retractor
dissecting scissors..... 115, 189	mouth gag HEISTER 271	MASING-NEIVERT 251
MICHEL laryngeal mirror 345	mouth gag JENNINGS 271	nasal forceps McINDOE 151
micro needle holder	mouth gag KILNER-DOUGHTY ... 275	nasal rasp PARKES 238
BARRAQUER 123	mouth gag MAUNDER 280	nasal rasp PEET 238
micro needle holder	mouth gag McIVOR 277	nasal specula REDA 144
CASTROVIEJO 124	mouth gag MOLT 271	nasal elevator SINUS 261
micro laryngeal forceps 350, 351	mouth gag ROSER-KOENIG 271	nasal specula THUDICHUM 140
micro curette HOUSE 133	mucosa knife FREER-INGALS 219	nasal specula TIECK-HALLE 144
micro larangeal scissors 351	muscular clamp MASTIN 318	nasal forceps TROELTSCH 149
micro scissors 119, 131, 203-205		nasal specula VOLTOLINI 140
micro ear scissors BELLUCCI 80	N	nasal specula WIEN 143
micro ear forceps DUCKBILL 75	NAGER tonsil needle 286	nasal rasp WIENER 238
micro ear scissors FISCH 82	NAGER palate retractor 289	nasal forceps WILDE
micro ear scissors GREVEN 81	nasal rasp AUFRICHT 239	(TROELTSCH) 152
micro ear forceps HARTMANN 75	nasal retractor AUFRICHT 251	nasal forceps 167, 180
micro ear forceps	nasal scissors CAPLAN 206	nasal scissors 187
HARTMANN-HOFFMANN 75	nasal knife CONVERSE 217	nasal cutting forceps
micro ear forceps	nasal specula COTTLE 146, 147	HARTMANN 169
HARTMANN-WEINGÄRTNER 75	nasal forceps COTTLE 152	nasal cutting forceps
micro ear forceps	nasal scissors COTTLE 198	SCHMEDEN 169
HARTMANN-WULLSTEIN 75	nasal knife COTTLE 217	nasal cutting forceps
micro ear scissors McGHEE 81	nasal rasp COTTLE 239	STRUYCKEN 169
micro ear scissors	nasal retractor COTTLE 251	nasal cutting forceps
SCHUKNECHT 81	nasal scissors	WEIL-BLAKESLEY 168
micro ear scissors SHEA 80	COTTLE-MASING 198	nasal cutting forceps 170-174, 178
micro ear scissors WULLSTEIN 83	nasal rasp DINGMANN 244	nasal dressing forceps
micro ear forceps ... 75, 76, 77, 78, 79	nasal scissors FOMON 198	HARTMANN 154
MIDDELDORPF retractor 263	nasal rasp FOMON 240, 241	nasal dressing forceps
MIDDLETON-JANSEN	nasal knife FREER 216	LISTER (Sinus) 155
nasal septum forceps 159	nasal elevator FRONTAL 261	nasal dressing forceps
MIKULICZ tonsil forceps 283	nasal rasp GALLAHER 243	LUBET-BARBON 154
MILLER laryngoscope	nasal forceps GILLIES 151	nasal dressing forceps NOYES 155
..... 325, 326, 329, 330	nasal rasp GLABELLA 238	nasal dressing forceps TILLEY 155
MILLER raspatory 92	nasal forceps GRAEFE 151	nasal dressing forceps
MINI-LAMBOTTE osteotome	nasal specula HARTMANN 142	WESTMACOTT 154
..... 99, 229	nasal specula	nasal fracture elevator BOIES 226
mirror head ZIEGLER 23	HARTMANN-HALLE 141	nasal polypus forceps
mirror laryngeal MICHEL 345	nasal scissors HEYMANN 198	HEYMANN-KNIGHT 156
mirror laryngeal 346	nasal forceps JANSEN 150	nasal polypus snare KRAUSE 162
MOLLISON retractor 111	nasal forceps	nasal polypus snare
MOLT mouth gag 271	JANSEN-GRUENWALD 150	KRAUSE-VOSS 162
MOLT raspatory 92	nasal knife JOSEPH 216, 217	nasal polypus forceps
monopolar suction coagulator 43	nasal rasp JOSEPH 238, 239	LITTAUER 156
MORITZ-SCHMIDT	nasal saw JOSEPH 244, 245	nasal polypus snare WILDE 163
tongue depressor 269	nasal specula KILLIAN 144, 145	nasal septum forceps
morselizer forceps RUBIN 161	nasal rasp LEWIS 239	BRUENINGS 158
mouth gag DAVIS-BOYLE 274	nasal saw LINDEMANN 245	nasal septum forceps CRAIG 158
mouth gag DAVIS-MEYER 277	nasal forceps LUCAE 152	nasal septum forceps
mouth gag DENHART 271	nasal rasp MALTZ 238, 239	CRAIG-DOMNICK 158
	nasal rasp MASING 242	nasal septum forceps HEYMANN 157

nasal septum forceps KNIGHT.....157
nasal septum forceps LUC.....157
nasal septum forceps
MIDDLETON-JANSEN.....159
naso pharyngeal forceps JATHO..310
naso pharyngeal forceps
JURASZ.....311
naso pharyngeal forceps
St. CLAIR-THOMSON.....310
nasolaryngoscope14
needle BARBARA ROSEN...135, 136
needle SHAMBOUGH.....135
needle injection349
needle laryngeal352
needle tonsil CLAUS285
needle tonsil DUPUY-WEISS285
needle tonsil NAGER.....286
needle tonsil210, 306, 344
needle holder CRILE-WOOD209
needle holder DERF.....209
needle holder HALSEY.....209
needle holder WEBSTER.....209
needle holder
WEBSTER-BABY209
needle holder laryngeal349
needle holder micro
BARRAQUER.....123
needle holder micro
CASTROVIEJO124
NEGUS tonsil forceps.....281
NEGUS knot tier.....304
NEGUS chest support280
NEIVERT-ANDERSON
rhinoplasty chisel.....233
NEWS tracheal hook.....315
noise apparatus BARANY.....60
NON STICK bipolar forceps40, 41
NOYES nasal dressing forceps....155
nystagmus spectacle FRENZEL22

O

O BRIEN stitch scissors199
OBWEGESER osteotome234
operating scissors IRIS.....117, 192
operating scissors STANDARD117
operation laryngoscope
.....334, 335, 340, 341
osteotome COTTLE.....100
osteotome LEXER.....228
osteotome LEXER MINI100
osteotome MINI-LAMBOTTE
.....99, 229

osteotome OBWEGESER234
osteotome RUBIN.....234
osteotome WEST236
osteotome98
osteotome septum SHEEHAN.....101
otoscope17

P

palate retractor HOFER.....289
palate retractor NAGER.....289
PARKES nasal rasp.....238
PARTSCH chisel99
PARTSCH gouge99
PARTSCH mallet102, 260
PASSOW bone tamper.....98, 235
PECK-JOSEPH face lift scissors..201
PEET nasal rasp.....238
PENNINGTON septum elevator ...224
PERWITZSCHKY
salival scissors.....298
pharyngoscope16
PIERCE septum elevator.....223
plastic mallet260
PLESTER suction tube.....126
PLESTER hook137
PLESTER knife122
PLESTER retractor112, 264
POLITZER tympanum knife.....70, 71
POLITZER ear specula.....53
POLITZER air bag61
polypus laryngeal snare.....319
POTTS-SMITH dressing forceps..294
POTTS-SMITH tissue forceps.....294
powder blower KABERSKE.....60
powder blower UNIVERSAL.....60
pressure forceps
HOUSE-GELFOAM.....85
PRINCE tonsil scissors.....296
probe ear STACHE.....63
probe lachrymal BOWMAN262
probe salivary duct BOWMAN.....293
punch HAJEK-KOFER.....182, 183
punch KERRISON.....109, 182
punch antrum184, 185
punch biopsy179
punch bone CITELLI.....109
punch bone
FERRIS-SMITH-KERRISON.....181
punch circular186
punch malleus DIETER84
punch tonsil HARTMANN.....307

Q

QUERVAIN elevator86
QUIRE foreign body lever.....73
QUISLING mallet260

R

RAGNELL dissecting scissors.....191
rasp nasal AUFRICHT239
rasp nasal COTTLE.....239
rasp nasal DINGMANN244
rasp nasal FOMON.....240, 241
rasp nasal GALLAHER.....243
rasp nasal GLABELLA.....238
rasp nasal JOSEPH.....238, 239
rasp nasal LEWIS.....239
rasp nasal MALTZ238, 239
rasp nasal MASING242
rasp nasal PARKES.....238
rasp nasal PEET.....238
rasp nasal WIENER.....238
raspatory FARABEUF.....90
raspatory suction GUILLEN.....227
raspatory JANSEN91
raspatory JOSEPH88
raspatory KÖNIG.....86
raspatory LANGENBECK.....86
raspatory LEMPET.....88
raspatory MILLER.....92
raspatory MOLT.....92
raspatory ROSEN.....93
raspatory WILLIGER87
raspatory WULLSTEIN.....92
raspatory86-93, 138, 227
REDA cotton applicator64
REDA sickle knife.....217
REDA nasal specula.....144
REDA retractor249
REICHERT epiglottis retractor....343
REINER ear syringe61
retractor ADSON.....111
retractor ALM.....109
retractor BARSKY.....248
retractor BERGMANN250
retractor BRÜNNINGS-BRUNK263
retractor COTTLE.....254
retractor FINSEN109
retractor FISCH111, 265
retractor FRAZIER246
retractor FREER.....254
retractor GILLIES.....254
retractor GRAEFE246
retractor GUTHRIE.....246

retractor HOLZHEIMER.....109	rhinoplasty chisel SILVER233	scissors CONVERSE194
retractor HUMBY248	RING tongue depressor.....272	scissors COTTLE194
retractor JANSEN109	RITTER-HALLE sinus dilator.....261	scissors GRADLE.....195
retractor JOSEPH.....247	rod measuring HOUSE.....132	scissors GRAEFE.....194
retractor KLEINERT-KUTZ247	ROEDER "E" tonsil snare.....303	scissors KNAPP.....193
retractor KNAPP.....250	ROGER septum elevator.....222	scissors LITTLER194
retractor	ROLLET retractor250	scissors STEVENS.....196
KOCHER-LANGENBECK263	rongeur bone	scissors WAGNER197
retractor LAHEY246	BANE-HARTMANN106	scissors WALTER194
retractor LEYLA.....148	rongeur bone BEYER.....107	scissors WILMER194
retractor LUCAE.....250	rongeur bone BLUMENTHAL.....106	scissors blepharoplasty
retractor MIDDELDORPF.....263	rongeur bone BÖHLER107, 108	GREENBERG-PAR202
retractor MOLLISON.....111	rongeur bone	scissors blepharoplasty KAYE.....202
retractor PLESTER.....112, 264	COTTLE-KAZANJIAN108	scissors dissecting GORNEY116
retractor REDA249	rongeur bone KLEINERT-KUTZ ...107	scissors dissecting JAMESON191
retractor ROLLET250	rongeur bone LEMPert107	scissors dissecting
retractor ROUX-BABY263	rongeur bone LUER.....106	JOSEPH116, 190
retractor WEITLANER.....110	rongeur bone MC INDOE.....108	scissors dissecting KELLY.....191
retractor	rongeur bone ZAUFAL-JANSEN ..107	scissors dissecting KILNER.....191
WEITLANER-WULLSTEIN.....110	ROSEN needle BARBARA...135, 136	scissors dissecting
retractor WILLIGER.....113	ROSEN suction tube129	METZENBAUM115, 188, 189, 297
retractor WULLSTEIN.....112	ROSEN knife120, 121	scissors dissecting
retractor alar CONVERSE.....252	ROSEN raspatory93	METZENBAUM FINO.....115, 189
retractor alar COTTLE.....252, 253	ROSER-KOENIG mouth gag.....271	scissors dissecting RAGNELL.....191
retractor alar	ROUX-BABY retractor263	scissors dissecting REYNOLDS...191
COTTLE-NEIVERT.....252	RUBIN morselizer forceps161	scissors dissecting
retractor alar FOMON.....253	RUBIN osteotome234	SANVENERO190
retractor alar KILNER253	RUSSEL-DAVIS tongue blades....278	scissors dissecting
retractor cheek STERNBERG270	RYDEL-SEIFFERT tuning fork59	STRABISMUS116, 196
retractor cheek270		scissors face lift BEUSE.....201
retractor epiglottis REICHERT.....343		scissors face lift GORNEY.....200
retractor finger ring COTTLE.....255		scissors face lift
retractor nasal AUFRICHT.....251		GORNEY-FREEMAN200
retractor nasal COTTLE251		scissors face lift KAYE.....201
retractor nasal MASING251		scissors face lift PECK-JOSEPH..201
retractor nasal		scissors laryngeal KILLIAN.....343
MASING-NEIVERT.....251		scissors micro119, 131, 203-205
retractor palate HOFER.....289		scissors micro ear BELLUCCI.....80
retractor palate NAGER.....289		scissors micro ear FISCH.....82
retractor thyroid SCHOENBORN..317		scissors micro ear GREVEN81
retractor uvula LOTHROP288		scissors micro ear McGHEE.....81
retractor uvula LOVE.....288		scissors micro ear SCHUKNECHT.81
REYNOLDS dissecting scissors...191		scissors micro ear SHEA.....80
rhinoplasty chisel CINELLI232		scissors micro ear WULLSTEIN83
rhinoplasty chisel COTTLE.....231		scissors nasal CAPLAN.....206
rhinoplasty chisel FOMON.....232		scissors nasal COTTLE.....198
rhinoplasty gouge HAJEK.....236		scissors nasal COTTLE-MASING 198
rhinoplasty gouge		scissors nasal FOMON.....198
KILLIAN-CLAUS.....236		scissors nasal HEYMANN198
rhinoplasty chisel		scissors nasal187
NEIVERT-ANDERSO233		scissors operating IRIS.....117, 192
rhinoplasty chisel SHEEHAN.....232		scissors operating STANDARD117

S

salival scissors	
PERWITZSCHKY.....298	
salivary duct probe BOWMAN.....293	
SANVENERO	
dissecting scissors.....190	
saw nasal JOSEPH244, 245	
saw nasal LINDEMANN245	
SAWTELL tonsil forceps.....281	
SCHEINMANN tip354	
SCHINK dermatome220	
SCHMEDEN	
nasal cutting forceps.....169	
SCHNIDT tonsil forceps281	
SCHOENBORN	
thyroid retractor317	
SCHUKNECHT	
micro ear scissors.....81	
SCHUKNECHT bending device85	
SCHUKNECHT knife122	
SCHUMACHER tip354	
scissors BONN.....192	

scissors salival		SHEEHAN septum osteotome.....101	STACKE ear probe.....63	
PERWITZSCHKY	298	sickle knife REDA.....217	STANDARD dressing forceps.....95	
scissors stitch LITTAUER	199	SIEGLE ear specula set	56	
scissors stitch O BRIEN	199	SILVER rhinoplasty chisel	233	
scissors stitch SPENCER.....199		SILVER dermatome	221	
scissors tonsil BOETTCHER.....296		sinus dilator RITTER-HALLE.....261	STEVENs scissors.....196	
scissors tonsil DEAN	296	SINUS nasal elevator	261	
scissors tonsil GOOD	296	SINUS septum elevator.....223	stitch scissors LITTAUER	199
scissors tonsil PRINCE.....296		sinuscope	15	
scissors tumor	207	sinuscopy trocar UNIVERSAL	214	
scissors wire UNIVERSAL.... 118, 299		SLUDER-BALLENGER		
scissors micro larangeal	351	tonsillectome	305	
SEBILAU elevator	86	snare ear polypus KRAUSE	72	
SEIFERT tip	354	snare ear polypus WILDE.....72		
seizing forceps LAHEY.....318		snare nasal polypus KRAUSE.....162		
SEMKEN dressing forceps.....95		snare nasal polypus		
SEMKEN tissue forceps.....95		KRAUSE-VOSS.....162		
septum elevator BALLENGER.....225		snare nasal polypus WILDE	163	
septum elevator COTTLE.....224, 225		snare tonsil BRUENINGS.....301		
septum elevator		snare tonsil EVES.....301		
COTTLE-JOSEPH.....224		snare tonsil ROEDER "E".....303		
septum elevator FREER.....223		snare tonsil TYDING.....300		
septum chisel FREER	230	snare laryngeal polypus.....319		
septum elevator		spare bulb	22	
HAJEK-BALLENGER	225	spare bulb laryngoscope	332, 333	
septum elevator HALLE.....222		specula ear BOUCHERON.....53		
septum elevator HOWARTH.....224		specula ear GRUBER.....53		
septum elevator JOSEPH.....222		specula ear HARTMANN.....53		
septum elevator KILLIAN.....223, 225		specula ear	55, 56	
septum elevator MASING.....222		specula ear FARRIOR.....54		
septum elevator McKENTY ..222, 224		specula ear POLITZER	53	
septum elevator PENNINGTON...224		specula ear TOYNBEE.....53		
septum elevator PIERCE.....223		specula nasal COTTLE	146, 147	
septum elevator ROGER.....222		specula nasal HARTMANN	142	
septum osteotome SHEEHAN.....101		specula nasal		
septum elevator SINUS	223	HARTMANN-HALLE.....141		
septum cannula	210, 306, 344	specula nasal KILLIAN	144, 145	
septum fracture elevator		specula nasal REDA.....144		
GOLDMANN.....226		specula nasal THUDICHUM.....140		
septum straightening forceps		specula nasal TIECK-HALLE	144	
ASCH.....160		specula nasal VOLTOLINI	140	
septum straightening forceps		specula nasal WIEN	143	
WALSHAM	160	SPENCER stitch scissors.....199		
septum swivel knife		spoon SHEA.....134		
BALLENGER.....218		spoon	138	
SEWALL antrum elevator	226	spoon ear GROSS.....65		
SEXTON tympanum knife	71	SPRATT bone curette.....103		
SHAMBOUGH needle	135	spreader tracheal BOSE.....314, 315		
SHAPLEIGH ear loop	67	St. CLAIR-THOMSON		
SHEA micro ear scissors.....80		adenoid curette.....309		
SHEA spoon	134	St. CLAIR-THOMSON		
SHEEHAN rhinoplasty chisel.....232		naso pharyngeal forceps	310	

tip CORDES	354	tonsil dissector HURD	290	tube suction	348
tip FRAENKEL	354	tonsil dissector LOPEZ-REINKE	290	tube suction HOUSE	126, 214
tip KRAUSE	354	tonsil forceps MARSCHIK	282	tube tracheal	
tip LANGE	354	tonsil forceps MIKULICZ	283	WAGENER-MOSHER	315
tip SCHEINMANN	354	tonsil needle NAGER	286	tube coagulation suction	211
tip SCHUMACHER	354	tonsil forceps NEGUS	281	tumor scissors	207
tip SEIFERT	354	tonsil scissors PRINCE	296	tuning fork HARTMANN	58
tissue forceps ADSON	97	tonsil snare ROEDER "E"	303	tuning fork LUCAE	59
tissue forceps DERLACKI	97	tonsil forceps SAWTELL	281	tuning fork RYDEL-SEIFFERT	59
tissue forceps POTTS-SMITH	294	tonsil forceps SCHNIDT	281	tuning fork	58, 59
tissue forceps SEMKEN	95	tonsil forceps TYDING	282	TYDING tonsil forceps	282
TOBOLD tongue depressor	270	tonsil snare TYDING	300	TYDING tonsil snare	300
tongue depressor ANDREW	269	tonsil forceps WHITE	281	tympa-num knife LUCAE	70
tongue depressor BRUENINGS	268	tonsil elevator YANKAUER	290	tympa-num knife POLITZER	70, 71
tongue depressor BUCHWALD	268	tonsil wire	302	tympa-num knife SEXTON	71
tongue depressor		tonsil syringe	210, 306, 344		
CAWOOD-MINNESOTA	268	tonsil needle	210, 306, 344		
tongue depressor		tonsil abscess forceps			
DAVIS-BOYLE	273	THILENIUS	283	U	
tongue blades DOUGHTY	279	tonsillectome		UCKERMANN cotton applicator	64
tongue depressor FRENZEL	268	SLUDER-BALLENGER	305	UNIVERSAL wire scissors	118, 299
tongue depressor HARTMANN	269	TOYNBEE ear specula	53	UNIVERSAL trocar sinuscopy	214
tongue depressor KROENIG	268	tracheal spreader BOSE	314, 315	UNIVERSAL powder blower	60
tongue depressor		tracheal cannula		uvula retractor LOTHROP	288
MORITZ-SCHMIDT	269	CHEVALIER-JACKSON	316	uvula retractor LOVE	288
tongue depressor RING	272	tracheal hook ITERSON	315		
tongue blades RUSSEL-DAVIS	278	tracheal hook JACKSON	314	V	
tongue depressor TOBOLD	270	tracheal dilator LABORDE	314	VOLKMANN bone curette	104
tongue depressor WIEDER	269	tracheal cannula LUER	316	VOLTOLINI nasal specula	140
tongue forceps YOUNG	270	tracheal hook NEWS	315		
tongue depressor	268	tracheal dilator TROUSSEAU	314	W	
tongue forceps COLLIN	270	tracheal dilator		WAGENER ear hook	66
tonsil forceps ABRAHAM	282	TROUSSEAU-BABY	314	WAGENER-MOSHER	
tonsil knife ABRAHAM	287	tracheal tube		tracheal tube	315
tonsil dissector ALDERDYCE	290	WAGENER-MOSHER	315	WAGNER scissors	197
tonsil forceps BALLENGER	281	trocar COAKLEY	215	WALSHAM septum straightening	
tonsil forceps BLOHMKE	281	trocar LICHTWITZ	215	forceps	160
tonsil scissors BOETTCHER	296	trocar sinuscopy UNIVERSAL	214	WALTER chisel	235
tonsil knife BRUENINGS	287	TROELTSCH nasal forceps	149	WALTER scissors	194
tonsil snare BRUENINGS	301	TROUSSEAU tracheal dilator	314	WATSON dermatome	221
tonsil knife CANFIELD	287	TROUSSEAU-BABY		WATSON-WILLIAMS	
tonsil enucleator CARPENTER	291	tracheal dilator	314	ethmoid forceps	166
tonsil needle CLAUS	285	tube suction BARON	128	WEBER-LOCH ear loop	67
tonsil forceps COLVER	281	tube suction FERGUSSON	213	WEBSTER needle holder	209
tonsil scissors DEAN	296	tube suction		WEBSTER-BABY needle holder	209
tonsil forceps DENIS BROWNE	283	FRAZIER/FERGUSSON	125, 213	WEIL-BLAKESLEY	
tonsil needle DUPUY-WEISS	285	tube suction PLESTER	126	ethmoid forceps	164
tonsil snare EVES	301	tube suction ROSEN	129	WEIL-BLAKESLEY	
tonsil knife FISHER	286	tube suction WULLSTEIN	127	nasal cutting forceps	168
tonsil scissors GOOD	296	tube suction YANKAUER	284	WEITLANER retractor	110
tonsil punch HARTMANN	307	tube suction YANKAUER BABY	284	WEITLANER-WULLSTEIN	
tonsil elevator HENKE	290	tube suction ZÖLLNER	125	retractor	110
				WEST gouge	236
				WEST osteotome	236

WESTMACOTT	
nasal dressing forceps.....	154
WHITE tonsil forceps.....	281
WIEDER tongue depressor	269
WIEN nasal specula	143
WIENER nasal rasp.....	238
WILDE ear polypus snare.....	72
WILDE nasal polypus snare	163
WILDE (TROELTSCH)	
ear forceps.....	94
WILDE (TROELTSCH)	
nasal forceps	152
WILDER lachrimal dilator	261
WILLIGER bone curette	105
WILLIGER raspatory	87
WILLIGER retractor	113
WILMER scissors	194
wire scissors UNIVERSAL....	118, 299
wire tonsil	302
WULLSTEIN suction handle.....	129
WULLSTEIN micro ear scissors....	83
WULLSTEIN suction tube.....	127
WULLSTEIN knife	122
WULLSTEIN raspatory	92
WULLSTEIN retractor	112
Y	
YANKAUER tonsil elevator.....	290
YANKAUER suction tube.....	284
YANKAUER BABY suction tube ...	284
YASARGIL ear specula holder	57
YOUNG tongue forceps.....	270
Z	
ZAUFAL ear loop.....	65
ZAUFAL-JANSEN ear elevator.....	65
ZAUFAL-JANSEN bone rongeur ...	107
ZIEGLER head mirror.....	23
ZÖLLNER suction tube.....	125
bipolar cable	39
light guide cable.....	19
laryngeal cannula	210, 306, 344
septum cannula	210, 306, 344
cotton carrier.....	347
antrum curette	256, 257
tongue depressor.....	268
biopsy forceps	15
bipolar forceps.....	36, 37, 38
dressing forceps	295
jeweler forceps	96
maxillary sinus forceps	176, 177
micro ear forceps...75, 76, 77, 78, 79	
nasal forceps	167, 180
nasal cutting forceps.....	170-174, 178
tuning fork.....	58, 59
laryngeal handle	346
laryngoscope handle	332, 333
ear hook.....	65, 66
laryngeal hook	352, 353
laryngeal instrument handle	353
laryngeal knife	352, 353
fibreglass laryngoscope	339
operation laryngoscope	
.....	334, 335, 340, 341
laryngeal mirror.....	346
injection needle.....	349
laryngeal needle	352
tonsil needle	210, 306, 344
laryngeal needle holder	349
FRENZEL nystagmus spectacle....	22
mallet plastic.....	260
antrum punch.....	184, 185
biopsy punch	179
circular punch	186
cheek retractor.....	270
micro scissors.....	119, 131, 203-205
nasal scissors	187
tumor scissors	207
laryngoscope spare bulb	332, 333
ear specula.....	55, 56
ear syringe.....	62
tonsil syringe.....	210, 306, 344
suction tube	348
tonsil wire.....	302

A			
ABRAHAM bisturi	287	ANTRUM cureta	256
ABRAHAM pinza	282	articulacion	335
abre-boca	271, 274-277, 280	articulacion esferica	148
abre-boca BOYLE-DAVIS	274	asa	65, 67, 72, 163
abre-boca DAVIS-BOYLE	274	asa BILLEAU	65
abre-boca DAVIS-MEYER	277	asa LANGENBECK	65
abre-boca DENHART	271	asa LOCH-WEBER	67
abre-boca DINGMANN	276	asa SHAPLEIGH	67
abre-boca DOUGHTY-KILNER	275	asa WEBER-LOCH	67
abre-boca		ASCH pinza	160
DOYEN-JANSEN (MOLT)	271	AUFRICT escofina	239
abre-boca HEISTER	271	AUFRICT retractor	251
abre-boca		auricular especulo	53-56
JANSEN-DOYEN (MOLT)	271	auricular pinza	74-79
abre-boca JENNINGS	271		
abre-boca KILNER-DOUGHTY	275	B	
abre-boca KOENIG-ROSER	271	BABY ROUX separador	263
abre-boca MAUNDER	280	BABY-TROUSSEAU dilatador	314
abre-boca McIVOR	277	BABY-WEBSTER porta aguja	209
abre-boca MEYER-DAVIS	277	BABY-YANKAUER	
abre-boca		tubo de succion	284
MOLT (DOYEN-JANSEN)	271	baja nudos	352
abre-boca ROSER-KOENIG	271	baja-lengua	
acoplamiento	148		268-270, 272-273, 275-279
adaptador	20, 24-25, 129	baja-lengua ANDREW	269
adaptador HOUSE	129	baja-lengua BOYLE-DAVIS	273
adenotomo LAFORCE	309	baja-lengua BRUENINGS	268
ADSON pinza	97	baja-lengua BUCHWALD	268
ADSON separador	112	baja-lengua DAVIS-BOYLE	273
aguja	70-71, 135-136, 210,	baja-lengua DAVIS-RUSSEL	278
.....	285-286, 306, 344, 352-353	baja-lengua DINGMANN	276
aguja BARBARA / ROSEN ...	135, 136	baja-lengua DOUGHTY	279
aguja CLAUS	285	baja-lengua DOUGHTY-KILNER	275
aguja DUPUY-WEISS	285	baja-lengua FRENZEL	268
aguja LUCAE	70	baja-lengua HARTMANN	269
aguja NAGER	286	baja-lengua KILNER-DOUGHTY	275
aguja POLITZER	70-71	baja-lengua KROENING	268
aguja ROSEN / BARBARA ...	135, 136	baja-lengua McIVOR	277
aguja WEISS-DUPUY	285	baja-lengua MORITZ-SCHMIDT	269
alambre para polipotomo	319	baja-lengua RUSSEL-DAVIS	278
ALDERDYCE elevador	290	baja-lengua SCHMIDT-MORITZ	269
ALM separador	110	baja-lengua TOBOLD	270
amigdalotomo		baja-lengua WIEDER	269
BALLENGER-SLUDER	305	BALLENGER bisturi	218
amigdalotomo		BALLENGER elevador	225
SLUDER-BALLENGER	305	BALLENGER pinza	281
ANDERSON-NEIVERT		BALLENGER-HAJEK elevador	225
osteotomo	233	BALLENGER-SLUDER	
ANDREW baja-lengua	269	amigdalotomo	305
anillo	335	BANE-HARTMANN pinza gubia ...	106
anteojos FRENZEL	22	BARACANI punta	354
		BARANY ensordecedor	60
		BARBARA / ROSEN aguja ...	135, 136
		BARBARA gancho	135, 136
		BARBON-LUBET pinza	154
		BARNHILL cuchillo	308
		BARON tubo de aspiracion	128
		BARRAQUER porta aguja	123
		BARSKY gancho	248
		BARTH cucharilla	104
		BECKMANN cuchillo	308
		BELLUCCI tijera	80
		BERGMANN gancho	250
		BEUSE tijera	201
		BEYER pinza gubia	107
		BILLEAU asa	65
		bipolar cable	39
		bipolar electrodo	44-45
		bipolar pinza	36-38, 40-42
		bipolar pinza de succion	42
		bisturi	216-219, 286-287
		bisturi ABRAHAM	287
		bisturi BALLENGER	218
		bisturi BRUENINGS	287
		bisturi CANFIELD	287
		bisturi CONVERSE	217
		bisturi COTTLE	217
		bisturi FISHER	286
		bisturi FREER	216
		bisturi JOSEPH	216-217
		bisturi REDA	217
		BLAKESLEY pinza	180
		BLAKESLEY-WEIL pinza	164, 168
		BLOHMKE pinza	281
		BLUMENTHAL pinza gubia	106
		BOETTCHEER tijera	296
		BÖHLER pinza gubia	107-108
		BOIES elevador	226
		bombilla	22, 26, 27, 332-333
		BONN tijera	192
		BOSE gancho	315
		BOSE separador	314
		BOUCHERON especulo auricular ..	53
		BOWMAN sonda	262, 293
		BOYLE-DAVIS abre-boca	274
		BOYLE-DAVIS baja-lengua	273
		brazo de soporte	148
		brazo flexible	57
		broca	30-31
		broncoscopio	18
		BROWNE DENIS pinza	283
		BRUENINGS baja-lengua	268
		BRUENINGS bisturi	287
		BRUENINGS cierranudo	301

BRUENINGS especulo auricular.....	55
BRUENINGS pinza.....	158
BRUENINGS punta.....	354
BRUENINGS tubo de extension.....	354
BRÜNINGS-BRUNK separador.....	263
BRÜNINGS-LUCAS gubia.....	98
BRUNK-BRÜNINGS separador.....	263
BUCHWALD baja-lengua.....	268
BUCK cureta.....	68-69
BUCK elevador.....	73

C

cable.....	19, 39
cable bipolar.....	39
CANFIELD bisturi.....	287
canula CHEVALIER-JACKSON.....	316
canula de inyeccion.....	337, 349
canula de succion.....	338
canula JACKSON-CHEVALIER.....	316
canula LUER.....	316
canula MOSHER-WAGENER.....	315
canula para laringe.....	210, 306, 344
canula traqueal.....	315-316
canula WAGENER-MOSHER.....	315
CAPLAN tijera.....	206
CARPENTER disector.....	291
CARPENTER enucleador.....	291
CASTROVIEJO porta aguja.....	124
cateter.....	70
cateter HARTMANN.....	70
CAWOOD-MINNESOTA separador.....	268
CHEVALIER-JACKSON canula.....	316
CHEVALIER-JACKSON pinza para bronco-esofagoscopia.....	356
cierranudo.....	300-301, 303, 319
cierranudo BRUENINGS.....	301
cierranudo EVES.....	301
cierranudo ROEDER "E".....	303
cierranudo TYDING.....	300
cincel.....	98-100, 230-233, 235-236
cincel CINELLI.....	232
cincel CLAUS-KILLIAN.....	236
cincel COTTLE.....	100, 231
cincel FOMON.....	232
cincel FREER.....	100, 230, 236
cincel HAJEK.....	236
cincel KILLIAN-CLAUS.....	236
cincel PARTSCH.....	99
cincel PASSOW.....	98, 235
cincel SILVER.....	233
cincel WALTER.....	235

cincel WEST.....	236
CINELLI cincel.....	232
cinta.....	23
CITELLI pinza sacabocado.....	109
CLAR lampara frontal.....	26
CLAUS aguja.....	285
CLAUS-KILLIAN cincel.....	236
coagulador de succion monopolar.....	43
COAKLEY cureta.....	256
COAKLEY trocar.....	215
COLLIN pinza.....	270
COLVER pinza.....	281
cono.....	61
CONVERSE bisturi.....	217
CONVERSE gancho.....	252
CONVERSE/WILMER/ WALTER tijera.....	194
CORDES punta.....	354
COTTLE (MALTZ) escofina.....	239
COTTLE bisturi.....	217
COTTLE cincel.....	100, 231
COTTLE elevador.....	224-225
COTTLE especulo nasal.....	146-147
COTTLE gancho.....	252-255
COTTLE machacadora.....	237
COTTLE martillo.....	102, 260
COTTLE pinza.....	94, 152-153
COTTLE retractor.....	251
COTTLE tijera.....	194, 198
COTTLE-KAZANJIAN pinza gubia.....	108, 208
COTTLE-MASING tijera.....	198
COTTLE-NEIVERT gancho.....	252
CRAIG pinza.....	158
CRAIG-DOMNICK pinza.....	158
CRILE-WOOD porta aguja.....	209
cucharilla	103-105, 134, 138, 257-258
cucharilla BARTH.....	104
cucharilla DAUBENSPECK.....	258
cucharilla HALLE.....	104, 258
cucharilla JANSEN.....	103
cucharilla LEMPert.....	103
cucharilla MARTINI.....	105
cucharilla para antro.....	257
cucharilla SHEA.....	134
cucharilla SPRATT.....	103
cucharilla VOLKMANN.....	104
cucharilla WILLIGER.....	105
cuchillo.....	71, 120-122, 219, 308-309, 352-353
cuchillo BARNHILL.....	308

cuchillo BECKMANN.....	308
cuchillo FREER-INGALS.....	219
cuchillo INGALS-FREER.....	219
cuchillo MASING.....	219
cuchillo PLESTER.....	122
cuchillo POLITZER.....	71
cuchillo ROSEN.....	120
cuchillo SCHUKNECHT.....	122
cuchillo SEXTON.....	71
cuchillo St. CLAIR-THOMSON.....	309
cuchillo TABB.....	122
cuchillo THOMSON-St. CLAIR.....	309
cuchillo WULLSTEIN.....	122
cureta.....	65, 68-69, 133, 256
cureta ANTRUM.....	256
cureta BUCK.....	68-69
cureta COAKLEY.....	256
cureta FAULKNER.....	256
cureta HOUSE.....	133
cureta y gancho GROSS.....	65

D

DAUBENSPECK cucharilla.....	258
DAVIS-BOYLE abre-boca.....	274
DAVIS-BOYLE baja-lengua.....	273
DAVIS-MEYER abre-boca.....	277
DAVIS-RUSSEL baja-lengua.....	278
DAY gancho.....	66
DEAN tijera.....	296
DENHART abre-boca.....	271
DENIS BROWNE pinza.....	283
depresor REICHERT.....	343
DERF porta aguja.....	209
DERLACKI pinza.....	97
dermatomo HUMBY.....	221
dermatomo SCHINK.....	220
dermatomo SILVER.....	221
dermatomo WATSON.....	221
diapason.....	58-59
diapason LUCAE.....	59
diapason RYDEL-SEIFFERT.....	59
DIETER pinza.....	84
dilatador.....	261, 314
dilatador BABY-TROUSSEAU.....	314
dilatador LABORDE.....	314
dilatador TROUSSEAU.....	314
dilatador TROUSSEAU-BABY.....	314
dilatador WILDER.....	261
DINGMAN lima.....	130, 244
DINGMANN abre-boca.....	276
DINGMANN baja-lengua.....	276
disector.....	93, 290-291

disector CARPENTER.....	291
disector FISCH	93
disector HURD.....	290
disector LOPEZ-REINKE.....	290
disector REINKE-LOPEZ.....	290
dispositivo de fijacion para tubos	57, 148
dispositivo para modelar	
SCHUKNECHT.....	85
DOMNICK-CRAIG pinza	158
DOUGHTY baja-lengua.....	279
DOUGHTY-KILNER abre-boca	275
DOUGHTY-KILNER baja-lengua.....	275
DOYEN-JANSEN (MOLT)	
abre-boca	271
DUPLAY pinza.....	295
DUPUY-WEISS aguja.....	285

E

ECO estuche diagnostico	51
EICKEN (KILLIAN)	
tubo de aspiracion	212
Electrocirugia.....	34-38, 40-45
electrodo.....	34-35, 44-45
electrodo bipolar	44-45
electrodo bipolar MICRODOME	45
elevador	65, 73, 86, 88, 91-92, 138, 222-226, 290
elevador ALDERDYCE.....	290
elevador BALLENGER	225
elevador BALLENGER-HAJEK	225
elevador BOIES.....	226
elevador BUCK.....	73
elevador COTTLE.....	224-225
elevador FREER.....	91, 223
elevador GOLDMANN.....	226
elevador HAJEK-BALLENGER	225
elevador HALLE	222
elevador HENKE	290
elevador HOWARTH	224
elevador JANSEN-ZAUFEL.....	65
elevador JOSEPH	222
elevador KILLIAN	223, 225
elevador LEMPERT	88, 91
elevador MASING.....	222
elevador McKENTY	92, 222, 224
elevador PENNINGTON.....	224
elevador PIERCE.....	223
elevador QUERVAIN	86
elevador QUIRE	73
elevador ROGER.....	222
elevador SEBILEAU.....	86

elevador SEWALL	226
elevador SINUS.....	223
elevador YANKAUER	290
elevador ZAUFAL	65
elevador ZAUFAL-JANSEN.....	65
endolaringeal endoscopio.....	18
endoscopio	15-18
endoscopio endolaringeal.....	18
ensordecador BARANY.....	60
enucleador CARPENTER.....	291
escofina	238-244
escofina AUFRICHT	239
escofina COTTLE (MALTZ).....	239
escofina FOMON.....	240-241
escofina GALLAHER	243
escofina GLABELLA	238
escofina JOSEPH.....	238
escofina JOSEPH (LEWIS).....	239
escofina LEWIS (JOSEPH).....	239
escofina MALTZ.....	238
escofina MALTZ (COTTLE).....	239
escofina MASING	242
escofina PARKES.....	238
escofina PEET.....	238
escofina WIENER	238
especulo auricular	53-56
especulo auricular BOUCHERON.....	53
especulo auricular BRUENINGS.....	55
especulo auricular FARRIOR	54
especulo auricular GRUBER.....	53
especulo auricular HARTMANN	53
especulo auricular POLITZER.....	53
especulo auricular SIEGLE	56
especulo auricular TOYNBEE.....	53
especulo nasal	140-147
especulo nasal COTTLE	146-147
especulo nasal	
HALLE-HARTMANN.....	141
especulo nasal HALLE-TIECK	144
especulo nasal HARTMANN	142
especulo nasal	
HARTMANN-HALLE.....	141
especulo nasal KILLIAN	144-145
especulo nasal Mod. WIEN	143
especulo nasal REDA.....	144
especulo nasal THUDICHUM.....	140
especulo nasal TIECK-HALLE	144
especulo nasal VOLTOLINI.....	140
especulo nasal WIEN Mod.	143
espejo	23, 26
espejo frontal ZIEGLER.....	23
espejo laringeal	345-346

espejo laringeal MICHEL.....	345
estuche diagnostico.....	48-52
estuche diagnostico ECO	51
estuche diagnostico RI-MINI	52
estuche diagnostico UNI III.....	50
EVES cierranudo.....	301

F

FARABEUF periostotomo.....	90
faringoscopia	16
FARRELL porta-algodon	63
FARRIOR espejito auricular	54
FAULKNER cureta.....	256
FEIN porta-algodon	347
FERGUSON / FRAZIER	
tubo de aspiracion	125, 213
FERGUSON tubo de aspiracion	213
FERRIS-SMITH-KERRISON	
pinza.....	181
FINSEN separador	110
FISCH disector	93
FISCH separador.....	112, 265
FISCH tijera.....	82
FISHER bisturi.....	286
FOMON cincel.....	232
FOMON escofina.....	240-241
FOMON gancho	253
FOMON tijera	198
FRAENKEL pinza	342
FRAENKEL punta.....	354
FRAZIER / FERGUSON	
tubo de aspiracion	125, 213
FRAZIER gancho	246
FREEMAN-GORNEY tijera	200
FREER bisturi.....	216
FREER cincel	100, 230, 236
FREER elevador.....	91, 223
FREER gancho.....	254
FREER-INGALS cuchillo.....	219
FRENZEL anteojos.....	22
FRENZEL baja-lengua	268
FROHN porta-algodon	63
frontal lampara.....	24-27
FRONTAL sonda	261

G

GALLAHER escofina.....	243
gancho	65, 66, 135-137, 246-250, 252-255, 314-315, 352-353
gancho BARBARA	135, 136
gancho BARSKY	248
gancho BERGMANN.....	250

gancho BOSE	315	gubia LEXER MINI	100	HOUSE-GELFOAM pinza	85
gancho CONVERSE.....	252	gubia LUCAS-BRÜNINGS.....	98	HOWARTH elevador	224
gancho COTTLE.....	252-255	gubia MINI LEXER	100	HUBER mango	354
gancho COTTLE-NEIVERT	252	gubia PARTSCH	99	HUMBY dermatomo	221
gancho DAY	66	GUILEN legra	227	HUMBY gancho	248
gancho FOMON	253	GUILEN periostotomo	227	HURD disector.....	290
gancho FRAZIER	246	GUTHRIE gancho.....	246		
gancho FREER	254			I	
gancho GILLIES	254	H		INGALS-FREER cuchillo	219
gancho GRAEFE	246	HAJEK cinkel.....	236	instrumento de aspiracion y	
gancho GUTHRIE.....	246	HAJEK martillo	102	irrigacion	210-211
gancho HUMBY	248	HAJEK-BALLENGER elevador	225	instrumento para laringoscopia	
gancho ITERSON	315	HAJEK-KOFLER pinza.....	182-183		352-353
gancho JACKSON.....	314	HALLE cucharilla.....	104, 258	insuflador de aire POLITZER	61
gancho JOSEPH	247	HALLE elevador	222	IRIS tijera.....	117, 192
gancho KILNER	253	HALLE-HARTMANN		ITERSON gancho.....	315
gancho KLEINERT-KUTZ	247	especulo nasal	141		
gancho KNAPP.....	250	HALLE-RITTER sonda.....	261	J	
gancho KUTZ-KLEINERT.....	247	HALLE-TIECK especulo nasal	144	JACKSON gancho.....	314
gancho LAHEY.....	246	HALSEY porta aguja	209	JACKSON laringoscopio	340
gancho LANGE.....	255	HARTMANN baja-lengua	269	JACKSON pinza laríngeal	343
gancho LUCAE.....	66, 250	HARTMANN cateter	70	JACKSON-CHEVALIER canula.....	316
gancho McGEE	136	HARTMANN especulo auricular	53	JACKSON-CHEVALIER pinza	
gancho NEIVERT-COTTLE	252	HARTMANN especulo nasal	142	para bronco-esofagosocpia.....	356
gancho NEWS	315	HARTMANN pinza		JAMESON (REYNOLDS) tijera	191
gancho PLESTER	137		74-75, 154, 169, 175, 307	JANSEN cucharilla	103
gancho REDA	249	HARTMANN-BANE pinza gubia...106		JANSEN periostotomo.....	91
gancho ROLLET.....	250	HARTMANN-HALLE		JANSEN pinza	150
gancho SHAMBAUGH	135	especulo nasal	141	JANSEN separador	110
gancho WAGENER	66	HARTMANN-HOFFMANN		JANSEN-DOYEN (MOLT)	
gancho y cureta GROSS.....	65	pinza	75, 175	abre-boca	271
GELFOAM-HOUSE pinza	85	HARTMANN-WEINGÄRTNER		JANSEN-GRUENWALD pinza	150
GERZOG martillo	259	pinza	75	JANSEN-MIDDLETON pinza	159
GILLIES gancho	254	HARTMANN-WULLSTEIN		JANSEN-ZAUFAL elevador.....	65
GILLIES pinza	151	pinza	75, 175	JANSEN-ZAUFAL pinza gubia	107
GLABELLA escofina.....	238	HEISTER abre-boca.....	271	JATHO pinza naso-faríngea	310
GOLDMANN elevador	226	HENKE elevador	290	JENNINGS abre-boca	271
GOOD tijera	296	HEYMAN tijera	198	jeringa	61-62, 210, 306, 344
GORNEY tijera	116, 200	HEYMANN pinza.....	157	jeringa REINER	61
GORNEY-FREEMAN tijera.....	200	HEYMANN-KNIGHT pinza.....	156	JOBSON-HORNE porta-algodon ..	64
GRADLE tijera	195	hilo para amígdalas	302	JOSEPH (LEWIS) escofina	239
GRAEFE gancho	246	HOFER separador	289	JOSEPH bisturi.....	216-217
GRAEFE pinza	95, 151	HOFFMANN-HARTMANN		JOSEPH elevador	222
GRAEFE tijera	194	pinza	75, 175	JOSEPH escofina.....	238
grapa para iluminacion.....	338, 341	hoja de repuesto.....	220-221	JOSEPH gancho	247
GREENBERG-PAR tijera	202	HOLINGER laringoscopio.....	339	JOSEPH periostotomo	88
GREVEN tijera.....	81	HOLZHEIMER separador.....	110	JOSEPH sierra nasal.....	244-245
GROSS gancho y cureta.....	65	horquilla NEGUS	304	JOSEPH tijera	116, 190
GRUBER especulo auricular	53	HOUSE adaptador	129	JOSEPH-PECK tijera	201
GRUENWALD-JANSEN pinza	150	HOUSE cureta.....	133	JURASZ pinza	311, 342
gubia.....	98-100	HOUSE sonda.....	132		
gubia BRÜNINGS-LUCAS.....	98	HOUSE tubo de aspiracion ..	126, 214		

K		M
KABIERSKE lanzapolvo.....60	LANGENBECK periostotomo.....86	machacadora COTTLE.....237
KAYE tijera.....201-202	LANGENBECK-KOCHER	MALTZ (COTTLE) escofina.....239
KAZANJIAN-COTTLE	separador.....263	MALTZ escofina.....238
pinza gubia.....108, 208	lanzapolvo.....60	mango de pila.....332-333
KELLY tijera.....191	lanzapolvo KABIERSEKE.....60	mango de succion.....127, 129
KERRISON	lanzapolvo UNIVERSAL.....60	mango de succion
pinza sacabocado.....109, 182	laringoscopio.....17	WULLSTEIN.....127, 129
KERRISON-FERRIS-SMITH	laringoscopio . 322-331, 334, 339-341	mango HUBER.....354
pinza.....181	laringoscopio HOLINGER.....339	mango para espejo laringeal.....346
KILLIAN (EICKEN)	laringoscopio JACKSON.....340	mango para instrumentos
tubo de aspiracion.....212	laringoscopio McCOY.....324, 331	microlaringeos.....353
KILLIAN elevador.....223, 225	laringoscopio McINTOSH	mango para laringoscopio
KILLIAN espejo nasal.....144-145	322-323, 327-328	332-333, 336
KILLIAN porta-algodon.....347	laringoscopio MILLER	MARSCHIK pinza.....282
KILLIAN tijera.....343	325-326, 329-330	martillo.....102, 259-260
KILLIAN tubo de aspiracion.....212	laringoscopio operativo	martillo COTTLE.....102, 260
KILLIAN-CLAUS cincel.....236	334-335, 340-341	martillo GERZOG.....259
KILNER (RAGNELL) tijera.....191	lazo.....65, 67	martillo HAJEK.....102
KILNER gancho.....253	legra de succion.....353	martillo MEAD.....102, 259
KILNER-DOUGHTY abre-boca.....275	legra GUILLEN.....227	martillo PARTSCH.....102, 260
KILNER-DOUGHTY baja-lengua.....275	LEMPERT cucharilla.....103	martillo QUISLING.....260
KLEINERT-KUTZ gancho.....247	LEMPERT elevador.....88, 91	MARTINI cucharilla.....105
KLEINERT-KUTZ pinza gubia.....107	LEMPERT pinza gubia.....107	MASING cuchillo.....219
KNAPP gancho.....250	LEWIS (JOSEPH) escofina.....239	MASING elevador.....222
KNAPP tijera.....193	LEXER MINI gubia.....100	MASING escofina.....242
KNIGHT pinza.....157	LEXER MINI osteotomo.....100	MASING-COTTLE tijera.....198
KNIGHT-HEYMANN pinza.....156	LEXER osteotomo.....228	MASING-NEIVERT retractor.....251
KOCHER sonda.....317	LEYLA separador.....148	MASTIN pinza.....318
KOCHER-LANGENBECK	LICHTWITZ trocar.....215	MAUNDER abre-boca.....280
separador.....263	lima.....130, 238-244	MC INDOE pinza gubia.....108, 208
KOENIG-ROSER abre-boca.....271	lima DINGMAN.....130, 244	McGEE gancho.....136
KOFLER-HAJEK pinza.....182-183	LINDEMANN sierra nasal.....245	McGEE tijera.....81
KÖNIG periostotomo.....86	LISTER (SINUS) pinza.....155	McINDOE pinza.....151
KRAUSE polipotomo.....72, 162	LITTAUER pinza.....74, 156	McIVOR abre-boca.....277
KRAUSE punta.....354	LITTAUER tijera.....199	McIVOR baja-lengua.....277
KRAUSE-VOSS polipotomo.....162	LITTLER tijera.....194	McKENTY elevador.....92, 222, 224
KROENING baja-lengua.....268	LOCH-WEBER asa.....67	MEAD martillo.....102, 259
KUTZ-KLEINERT gancho.....247	LOPEZ-REINKE disector.....290	METZENBAUM FINO tijera..115, 189
KUTZ-KLEINERT pinza gubia.....107	LOTHROP separador.....288	METZENBAUM tijera
	LOVE separador.....288	115, 188-189, 297
L	LUBET-BARBON pinza.....154	MEYER-DAVIS abre-boca.....277
LABORDE dilatador.....314	LUC pinza.....157	MICHEL espejo laringeal.....345
LAFORCE adenotomo.....309	LUCAE aguja.....70	micro pinza.....131, 350-351
LAHEY gancho.....246	LUCAE diapason.....59	micro tijera.....119, 131, 203-205, 351
LAHEY pinza.....318	LUCAE gancho.....66, 250	MICRODOME electrodo bipolar.....45
LAMBOTTE-MINI osteotomo.....99, 229	LUCAE pinza.....94, 152	MIDDELDORPF separador.....263
lampara frontal.....24-27	LUCAS-BRÜNINGS gubia.....98	MIDDLETON-JANSEN pinza.....159
lampara frontal CLAR.....26	LUER canula.....316	MIKULICZ pinza.....283
LANGE gancho.....255	LUER pinza gubia.....106	MILLER periostotomo.....92
LANGE punta.....354	LUNIATSCHEK tamponador.....292	MINI LEXER gubia.....100
LANGENBECK asa.....65		MINI LEXER osteotomo.....100

MINI-LAMBOTTE osteotomo..99, 229
MINNESOTA-CAWOOD
separador268
Mod. WIEN especulo nasal143
MOLLISON separador.....112
MOLT (DOYEN-JANSEN)
abre-boca271
MOLT periostotomo92
monopolar coagulador de succion..43
MORITZ-SCHMIDT baja-lengua ..269
MOSHER-WAGENER canula315

N

NAGER aguja286
NAGER separador.....289
nasolaringoscopia.....14
NEGUS horquilla304
NEGUS pinza281
NEGUS soporte de pecho280
NEIVERT-ANDERSON
osteotomo233
NEIVERT-COTTLE gancho252
NEIVERT-MASING retractor251
NEWS gancho315
NOYES pinza155

O

O'BRIEN tijera199
OBWEGESER osteotomo234
oftalmoscopio UNI II49
optica pinza15
osteotomo
.....99-101, 228-229, 233-234
osteotomo
ANDERSON-NEIVERT233
osteotomo LAMBOTTE-MINI..99, 229
osteotomo LEXER228
osteotomo LEXER MINI100
osteotomo MINI LEXER100
osteotomo MINI-LAMBOTTE..99, 229
osteotomo
NEIVERT-ANDERSON.....233
osteotomo OBWEGESER234
osteotomo RUBIN.....234
osteotomo SHEEHAN101, 232
otoscopio17, 48
otoscopio UNI I48

P

PAR-GREENBERG tijera202
PARKES escofina238
PARTSCH cincel99

PARTSCH gubia.....99
PARTSCH martillo102, 260
PASSOW cincel.....98, 235
PECK-JOSEPH tijera201
PEET escofina238
PENNINGTON elevador224
pera de goma61
periostotomo86-93, 138, 227, 353
periostotomo FARABEUF.....90
periostotomo GUILLEN227
periostotomo JANSEN.....91
periostotomo JOSEPH88
periostotomo KÖNIG86
periostotomo LANGENBECK86
periostotomo MILLER.....92
periostotomo MOLT92
periostotomo ROSEN93
periostotomo WILLIGER.....87
periostotomo WULLSTEIN92
PERWITZSCHKY298
PIERCE elevador223
pinza ABRAHAM282
pinza ADSON97
pinza ASCH160
pinza auricular ...74-79, 84-85, 94-97
pinza BALLENGER281
pinza BARBON-LUBET154
pinza bipolar36-38, 40-42
pinza BLAKESLEY180
pinza BLAKESLEY-WEIL.....164, 168
pinza BLOHMKE281
pinza BROWNE DENIS.....283
pinza BRUENINGS.....158
pinza circular186
pinza COLLIN.....270
pinza COLVER281
pinza COTTLE.....94, 152-153
pinza CRAIG158
pinza CRAIG-DOMNICK158
pinza de diseccion95
pinza de succion bipolar.....42
pinza DENIS BROWNE.....283
pinza DERLACKI97
pinza DIETER.....84
pinza DOMNICK-CRAIG158
pinza DUPLAY295
pinza
FERRIS-SMITH-KERRISION.....181
pinza FRAENKEL342
pinza GELFOAM-HOUSE85
pinza GILLIES151
pinza GRAEFE95, 151

pinza GRUENWALD-JANSEN150
pinza gubia106-108
pinza gubia BANE-HARTMANN...106
pinza gubia BEYER107
pinza gubia BLUMENTHAL106
pinza gubia BÖHLER107-108
pinza gubia
COTTLE-KAZANJIAN108, 208
pinza gubia HARTMANN-BANE...106
pinza gubia JANSEN-ZAUFAL107
pinza gubia
KAZANJIAN-COTTLE108, 208
pinza gubia KLEINERT-KUTZ107
pinza gubia KUTZ-KLEINERT107
pinza gubia LEMPERT107
pinza gubia LUER.....106
pinza gubia MC INDOE108, 208
pinza gubia ZAUFAL-JANSEN107
pinza HAJEK-KOFLER.....182-183
pinza HARTMANN
.....74-75, 154, 169, 175, 307
pinza
HARTMANN-HOFFMANN.....75, 175
pinza
HARTMANN-WEINGÄRTNER75
pinza
HARTMANN-WULLSTEIN75, 175
pinza HEYMANN157
pinza HEYMANN-KNIGHT156
pinza
HOFFMANN-HARTMANN.....75, 175
pinza HOUSE-GELFOAM85
pinza JANSEN150
pinza JANSEN-GRUENWALD150
pinza JANSEN-MIDDLETON159
pinza JURASZ.....311, 342
pinza
KERRISON-FERRIS-SMITH.....181
pinza KNIGHT157
pinza KNIGHT-HEYMANN156
pinza KOFLER-HAJEK.....182-183
pinza LAHEY318
pinza laringeal JACKSON343
pinza LISTER (SINUS).....155
pinza LITTAUER.....74, 156
pinza LUBET-BARBON154
pinza LUC157
pinza LUCAE94, 152
pinza MARSCHIK282
pinza MASTIN318
pinza McINDOE.....151
pinza micro131, 350-351

pinza MIDDLETON-JANSEN	159
pinza MIKULICZ	283
pinza nasal	149-161, 164-186
pinza naso-faringea JATHO	310
ST.CLAIR-THOMSON	310
pinza NEGUS	281
pinza NOYES	155
pinza optica	15
pinza para amigdalas	281-283
pinza para antro.....	184-185
pinza para biopsia	167, 179
pinza para bronco-esofagoscopia	
CHEVALIER-JACKSON	356
pinza para bronco-esofagoscopia	
JACKSON-CHEVALIER	356
pinza porta-esponja.....	295
pinza relojero.....	96
pinza RUBIN.....	161
pinza sacabocado.....	109
pinza sacabocado CITELLI	109
pinza sacabocado	
KERRISON.....	109, 182
pinza SAWTELL	281
pinza SCHMEDEN	169
pinza SCHNIDT	281
pinza SEMKEN.....	95
pinza SINUS (LISTER).....	155
pinza	
SMITH-FERRIS-KERRISON	181
pinza STANDARD	95
pinza STRUEMPEL	75
pinza STRUYCKEN	169
pinza TAKAHASHI	165
pinza THILENIUS	283
pinza TILLEY	74, 155
pinza TROELTSCH	149
pinza TROELTSCH (WILDE).....	94, 152
pinza TYDING	282
pinza WALSHAM	160
pinza WATSON-WILLIAMS	166
pinza WEIL-BLAKESLEY	164, 168
pinza	
WEINGÄRTNER-HARTMANN	75
pinza WESTMACOTT	154
pinza WHITE	281
pinza WILDE (TROELTSCH).....	94, 152
pinza WILLIAMS-WATSON	166
pinza WULLSTEIN	79
pinza	
WULLSTEIN-HARTMANN	75, 175
pinza YOUNG	270

placa para el paladar	277
placa para extender la piel	220
PLESTER cuchillo	122
PLESTER gancho	137
PLESTER separador	113, 264
PLESTER tubo de aspiracion	126
polipotomo	72, 162-163
polipotomo KRAUSE	72, 162
polipotomo KRAUSE-VOSS	162
polipotomo VOSS-KRAUSE	162
polipotomo WILDE.....	72, 163
POLITZER aguja	70-71
POLITZER cuchillo.....	71
POLITZER espejo auricular.....	53
POLITZER insuflador de aire	61
porta aguja.....	123-124, 209, 349
porta aguja BABY-WEBSTER	209
porta aguja BARRAQUER.....	123
porta aguja CASTROVIEJO	124
porta aguja CRILE-WOOD	209
porta aguja DERF	209
porta aguja HALSEY	209
porta aguja WEBSTER.....	209
porta aguja WEBSTER-BABY	209
porta aguja WOOD-CRILE	209
porta-algodon	63-64
porta-algodon	347
porta-algodon FARRELL	63
porta-algodon FEIN	347
porta-algodon FROHN.....	63
porta-algodon JOBSON-HORNE	64
porta-algodon KILLIAN	347
porta-algodon REDA.....	64
porta-algodon UCKERMANN	64
portador de luz.....	334, 337-341
PRINCE tijera	296
punta BARACANI	354
punta BRUENINGS	354
punta CORDES	354
punta FRAENKEL.....	354
punta KRAUSE.....	354
punta LANGE	354
punta SCHEINMANN	354
punta SCHUMACHER.....	354
punta SEIFERT	354

Q

QUERVAIN elevador	86
QUIRE elevador	73
QUISLING martillo.....	260

R

RAGNELL (KILNER) tijera.....	191
REDA bisturi	217
REDA espejo nasal	144
REDA gancho	249
REDA porta-algodon	64
REICHERT depresor	343
REINER jeringa	61
REINKE-LOPEZ disector.....	290
retractor AUFRICHT	251
retractor COTTLE	251
retractor MASING-NEIVERT	251
retractor nasal.....	251
retractor NEIVERT-MASING	251
REYNOLDS (JAMESON) tijera.....	191
RI-MINI estuche diagnostico	52
RITTER-HALLE sonda	261
ROEDER "E" cierranudo	303
ROGER elevador.....	222
ROLLET gancho.....	250
ROSEN / BARBARA aguja	135, 136
ROSEN cuchillo.....	120
ROSEN periostotomo	93
ROSEN tubo de aspiracion	129
ROSER-KOENIG abre-boca	271
ROUX BABY separador	263
RUBIN osteotomo.....	234
RUBIN pinza.....	161
RUSSEL-DAVIS baja-lengua.....	278
RYDEL-SEIFFERT diapason.....	59

S

SANVENERO tijera	190
SAWTELL pinza	281
SCHEINMANN punta	354
SCHINK dermatomo.....	220
SCHMEDEN pinza	169
SCHMIDT-MORITZ baja-lengua.....	269
SCHNIDT pinza	281
SCHOENBORN separador.....	317
SCHUKNECHT cuchillo.....	122
SCHUKNECHT	
dispositivo para modelar.....	85
SCHUKNECHT tijera.....	81
SCHUMACHER punta.....	354
SEBILEAU elevador	86
SEIFERT punta	354
SEMKEN pinza.....	95
separador	110-114, 148, 263-265,
.....	268, 270, 288-289, 314, 317
separador ADSON.....	112
separador ALM	110

separador BABY ROUX	263	SLUDER-BALLENGER		tijera COTTLE	194, 198
separador BOSE	314	amigdalotomo	305	tijera COTTLE-MASING	198
separador BRÜNINGS-BRUNK	263	SMITH-FERRIS-KERRISON		tijera DEAN	296
separador BRUNK-BRÜNINGS	263	pinza	181	tijera FISCH	82
separador		sonda63, 132, 261-262, 293, 317		tijera FOMON	198
CAWOOD-MINNESOTA	268	sonda auricular STACKE	63	tijera FREEMAN-GORNEY	200
separador FINSSEN	110	sonda BOWMAN	262, 293	tijera GOOD	296
separador FISCH	112, 265	sonda FRONTAL	261	tijera GORNEY	116, 200
separador HOFER	289	sonda HALLE-RITTER	261	tijera GORNEY-FREEMAN	200
separador HOLZHEIMER	110	sonda HOUSE	132	tijera GRADLE	195
separador JANSEN	110	sonda KOCHER	317	tijera GRAEFE	194
separador		sonda RITTER-HALLE	261	tijera GREENBERG-PAR	202
KOCHER-LANGENBECK	263	sonda SINUS	261	tijera GREVEN	81
separador		soporte	57, 280, 335-336	tijera HEYMAN	198
LANGENBECK-KOCHER	263	soporte de pecho NEGUS	280	tijera IRIS	117, 192
separador LEYLA	148	soporte para espejos		tijera JAMESON (REYNOLDS)	191
separador LOTHROP	288	auriculares	57	tijera JOSEPH	116, 190
separador LOVE	288	soporte para espejos		tijera JOSEPH-PECK	201
separador MIDDELDORF	263	auriculares YASARGIL	57	tijera KAYE	201-202
separador		soporte pectoral LEWY	336	tijera KELLY	191
MINNESOTA-CAWOOD	268	SPENCER tijera	199	tijera KILLIAN	343
separador MOLLISON	112	SPRATT cucharilla	103	tijera KILNER (RAGNELL)	191
separador NAGER	289	St. CLAIR-THOMSON cuchillo	309	tijera KNAPP	193
separador PLESTER	113, 264	ST. CLAIR-THOMSON		tijera LITTAUER	199
separador ROUX BABY	263	pinza naso-faringea	310	tijera LITTLER	194
separador SCHOENBORN	317	STACKE sonda auricular	63	tijera MASING-COTTLE	198
separador STERNBERG	270	STANDARD pinza	95	tijera McGEE	81
separador WEITLANER	111	STANDARD tijera	117	tijera METZENBAUM	
separador		STERNBERG separador	270	115, 188-189, 297	
WEITLANER-WULLSTEIN	111	STEVENS tijera	196	tijera METZENBAUM FINO ..	115, 189
separador WILLIGER	114	STRABISMUS tijera	116, 196	tijera micro	119, 131, 203-205, 351
separador WULLSTEIN	113	STRUEMPPEL pinza	75	tijera nasal	187-207
separador		STRUYCKEN pinza	169	tijera O'BRIEN	199
WULLSTEIN-WEITLANER	111			tijera para alambre y	
SET	358-372	T		laminas	118, 299
SEWALL elevador	226	TABB cuchillo	122	tijera para amígdalas	296-298
SEXTON cuchillo	71	TAKAHASHI pinza	165	tijera para el canal de saliva	298
SHAMBAUGH gancho	135	tamponador LUNIATSCHEK	292	tijera para tumores	207
SHAPLEIGH asa	67	THILENIUS pinza	283	tijera PAR-GREENBERG	202
SHEA cucharilla	134	THOMSON-St. CLAIR cuchillo	309	tijera PECK-JOSEPH	201
SHEA tijera	80	THUDICHUM espejo nasal	140	tijera PERWITZSCHKY	298
SHEEHAN osteotomo	101, 232	TIECK-HALLE espejo nasal	144	tijera PRINCE	296
SIEGLE espejo auricular	56	tijera	80-83, 115-119, 187-207,	tijera RAGNELL (KILNER)	191
sierra nasal	244-245		296-299, 343	tijera REYNOLDS (JAMESON)	191
sierra nasal JOSEPH	244-245	tijera auricular	80-83	tijera SANVENERO	190
sierra nasal LINDEMANN	245	tijera BELLUCCI	80	tijera SCHUKNECHT	81
SILVER cincel	233	tijera BEUSE	201	tijera SHEA	80
SILVER dermatomo	221	tijera BOETTCHER	296	tijera SPENCER	199
SINUS (LISTER) pinza	155	tijera BONN	192	tijera STANDARD	117
SINUS elevador	223	tijera CAPLAN	206	tijera STEVENS	196
SINUS sonda	261	tijera CONVERSE/WILMER/		tijera STRABISMUS	116, 196
sinuscopio	15	WALTER	194	tijera UNIVERSAL	118, 299

tijera WAGNER	197
tijera WALTER/CONVERSE/	
WILMER	194
tijera WILMER/CONVERSE/	
WALTER	194
tijera WULLSTEIN	83
TILLEY pinza.....	74, 155
TOBOLD baja-lengua.....	270
TOYNBEE espejo auricular	53
transformador	26
trocar COAKLEY	215
trocar LICHTWITZ	215
trocar para sinoscopia	215
TROELTSCH (WILDE) pinza..	94, 152
TROELTSCH pinza	149
TROUSSEAU dilatador	314
TROUSSEAU-BABY dilatador.....	314
tubo de aspiracion 125-129, 284, 348	
tubo de aspiracion BARON	128
tubo de aspiracion EICKEN	
(KILLIAN).....	212
tubo de aspiracion	
FERGUSON	213
tubo de aspiracion	
FERGUSON / FRAZIER	125, 213
tubo de aspiracion	
FRAZIER / FERGUSON	125, 213
tubo de aspiracion HOUSE ..	126, 214
tubo de aspiracion KILLIAN	212
tubo de aspiracion KILLIAN	
(EICKEN).....	212
tubo de aspiracion PLESTER.....	126
tubo de aspiracion ROSEN	129
tubo de aspiracion ZÖLLNER.....	125
tubo de extension BRUENINGS...	354
tubo de silicona.....	277
tubo de succion	
BABY-YANKAUER	284
tubo de succion y coagulacion	
.....	211, 348
tubo de succion YANKAUER.....	284
tubo de succion	
YANKAUER-BABY	284
TYDING cierranudo	300
TYDING pinza	282

U	
UCKERMANN porta-algodon	64
UNI I otoscopio	48
UNI II oftalmoscopio	49
UNI III estuche diagnostico.....	50
UNIVERSAL lanzapolvo	60
UNIVERSAL tijera	118, 299

V	
VOLKMANN cucharilla	104
VOLTOLINI espejo nasal	140
VOSS-KRAUSE polipotomo	162

W	
WAGENER gancho	66
WAGENER-MOSHER canula	315
WAGNER tijera.....	197
WALSHAM pinza.....	160
WALTER cincel.....	235
WALTER/CONVERSE/	
WALTER tijera	194
WATSON dermatomo	221
WATSON-WILLIAMS pinza	166
WEBER-LOCH asa	67
WEBSTER porta aguja.....	209
WEBSTER-BABY porta aguja.....	209
WEIL-BLAKESLEY pinza	164, 168
WEINGÄRTNER-HARTMANN	
pinza	75
WEISS-DUPUY aguja	285
WEITLANER separador	111
WEITLANER-WULLSTEIN	
separador	111
WEST cincel	236
WESTMACOTT pinza	154
WHITE pinza	281
WIEDER baja-lengua	269
WIEN Mod. espejo nasal	143
WIENER escofina.....	238
WILDE (TROELTSCH) pinza..	94, 152
WILDE polipotomo.....	72, 163
WILDER dilatador	261
WILLIAMS-WATSON pinza	166
WILLIGER cucharilla.....	105
WILLIGER periostotomo.....	87
WILLIGER separador	114
WILMER/CONVERSE/	
WALTER tijera	194
WOOD-CRILE porta aguja	209
WULLSTEIN cuchillo	122
WULLSTEIN	
mango de succion	127, 129

WULLSTEIN periostotomo	92
WULLSTEIN pinza	79
WULLSTEIN separador	113
WULLSTEIN tijera	83
WULLSTEIN-HARTMANN pinza	
.....	75, 175
WULLSTEIN-WEITLANER	
separador	111

Y	
YANKAUER elevador	290
YANKAUER tubo de succion.....	284
YANKAUER-BABY	
tubo de succion	284
YASARGIL soporte para espejos	
auriculares	57
YOUNG pinza.....	270

Z	
ZAUFAL elevador	65
ZAUFAL-JANSEN elevador.....	65
ZAUFAL-JANSEN pinza gubia	107
ZIEGLER espejo frontal	23
ZÖLLNER tubo de aspiracion	125

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