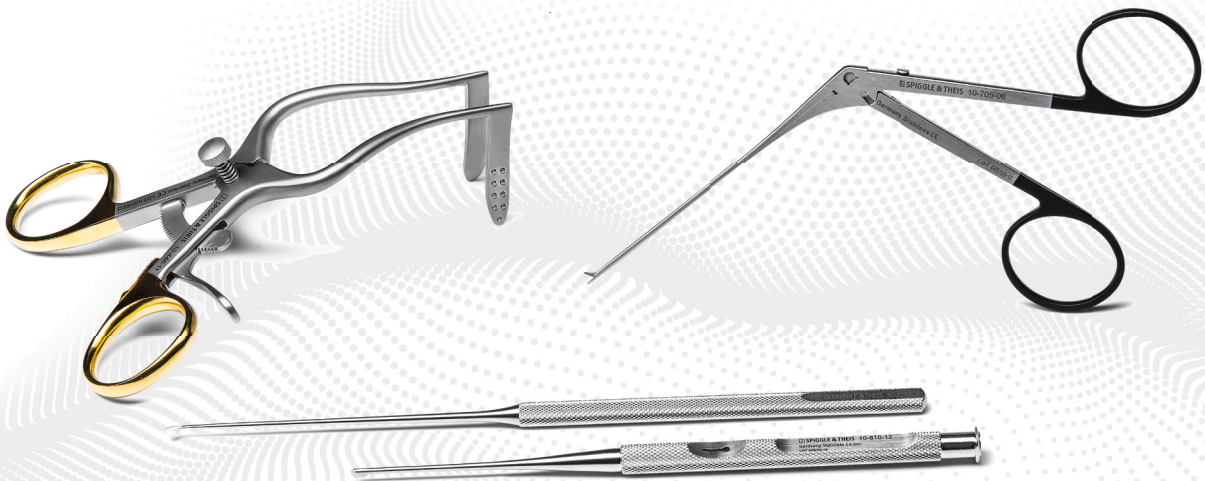


Otologie Instrumentarium

Otology Instruments



Quality you can rely on



Über Uns

About Us

Geschichte

SPIGGLE & THEIS Medizintechnik GmbH wurde 1994 von den Geschäftsführern **David Spiggle** und **Detlef Theis** gegründet. Bis heute haben wir uns vom reinen Vertriebsunternehmen zu einem renommierten Hersteller von Medizinprodukten im Bereich der HNO-Chirurgie weiterentwickelt. Weltweit exportieren wir in über 75 Länder und in Deutschland zählen mehr als 700 Kliniken zu unseren Kunden.

Das Maß der Dinge

Im chirurgischen Instrumentenbau gilt das Siegel **“Made in Germany”** auch heute noch als Inbegriff von Qualität. Unsere chirurgischen Instrumente werden in allen Produktionsstufen unter strengsten Qualitätsanforderungen nahezu komplett in Deutschland produziert und sind somit noch größtenteils echt **“Made in Germany”**. Zur Verarbeitung wird ausschließlich Instrumentenstahl bester Güte verwendet, welcher den hohen Anforderungen moderner Chirurgie auch dauerhaft gerecht wird.

Sicherheit

Die Gesundheit der Patienten und somit die Sicherheit und Qualität unserer Produkte stehen im Mittelpunkt unseres Handelns. In diesem Sinne ist **SPIGGLE & THEIS Medizintechnik GmbH** bereits seit 1997 **ISO-zertifiziert** und unsere Produkte nach der strengen europäischen Richtlinie für Medizinprodukte CE-gekennzeichnet. Alle unsere Produkte unterliegen einer permanenten Qualitätskontrolle - von der Auswahl des Rohmaterials über die einzelnen Fertigungsschritte bis zum Versand.

Erfahrung

Unsere Mitarbeiter haben zum Teil mehr als 30 Jahre Berufserfahrung im Umgang mit chirurgischen Instrumenten. Durch dieses umfassende Know-How sowie den langjährigen und individuellen Kontakt mit den Anwendern, besitzen wir nicht nur theoretisches Wissen, sondern kennen auch deren Bedürfnisse und Ansprüche. Dies hilft uns bei der steten, praxisorientierten Weiterentwicklung unserer Produkte. Somit garantieren wir hohe Kompetenz und individuellen Service bei der Betreuung unserer Kunden.

History

SPIGGLE & THEIS Medizintechnik GmbH was founded in 1994 by the managing directors **David Spiggle** and **Detlef Theis**. The company has evolved from being purely a distributor to the established manufacturer of medical products in the area of ENT that it is today. We can count over 700 clinics amongst our German customers and export to over 75 countries world-wide.

The Seal Of Highest Quality

The stamp **“Made in Germany”** is still the epitome of quality standards in the production of surgical instruments in the world today. The majority of our surgical instruments are subjected to the strictest quality requirements at every step of their production, in the truest sense of the words, **“Made in Germany”**. Only the highest standard of instrument steel, capable of consistently meeting the demands of modern surgery, is used in the production.

Safety First

The health of our patients and therefore the safety and quality of our products plays the central role in our decisions. **SPIGGLE & THEIS Medizintechnik GmbH** has been **ISO certified**. Our products are CE-marked in accordance with the strict European guideline for medical products since 1997. All our products undergo continual quality checks, from the selection of raw materials, to the individual stages of production and finally their dispatch.

Experience

Our colleagues in instrument development can look back on over 30 years of professional practical experience with ENT-surgical instruments. We offer more than theoretical knowledge – we understand our customers needs. We enjoy close, personal contact to many of the best surgeons world-wide. This enables us to continually develop innovative products. We guarantee the highest level of competence and individual service in meeting our customers requirements.



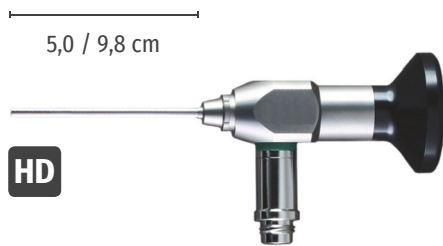
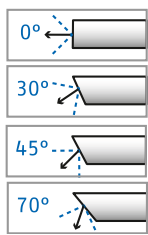
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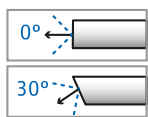
01 Ambulantes Ohr-Instrumentarium

Diagnostic Ear Instruments



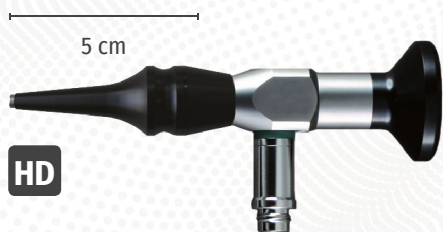
Otoskop, HD, autoklavierbar / Otoscope, HD, autoclavable

Art.-Nr./No.	Größe / Size (mm)	Länge / Length (cm)	Winkel / Angle
10-102-00	2,7	5,0	0°
10-102-30	2,7	5,0	30°
10-104-00	2,4	9,8	0°
10-104-30	2,4	9,8	30°



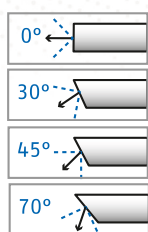
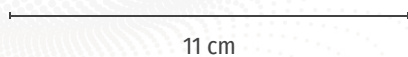
Gehörgangs-Endoskop, HD, autoklavierbar, AD 4 mm, 5 cm /
Ear canal endoscope, HD, autoclavable, OD 4 mm, 5 cm

Art.-Nr./No.	Winkel / Angle
10-106-00	0°
10-107-30	30°



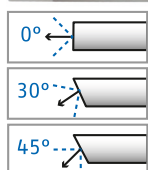
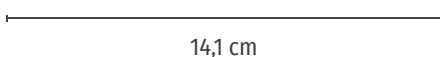
Gehörgangs-Endoskop mit Ohrspekulum,
HD, autoklavierbar, AD 3 mm, 5 cm /
Ear canal endoscope with ear speculum,
HD, autoclavable, OD 3 mm, 5 cm

Art.-Nr./No.	Winkel / Angle
10-108-00	0°
10-108-99	Ersatzspekulum für 10-108-00 / spare speculum for 10-108-00



Otoskop, HD, Großbild, autoklavierbar, AD 3 mm, 11 cm /
Otoscope, HD, large picture, autoclavable, OD 3 mm, 11 cm

Art.-Nr./No.	Winkel / Angle
10-109-00	0°
10-109-30	30°
10-109-45	45°
10-109-70	70°



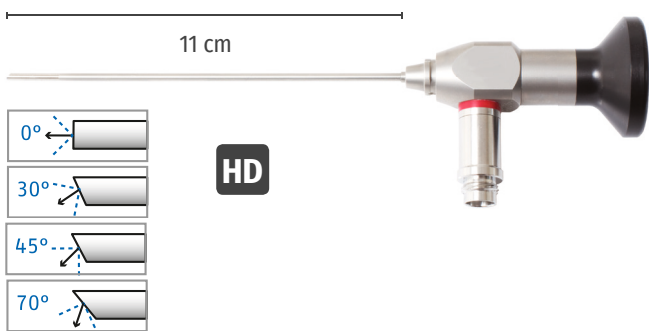
Otoskop, HD, Großbild, autoklavierbar, AD 3 mm, 14,1 cm /
Otoscope, HD, large picture, autoclavable, OD 3 mm, 14,1 cm

Art.-Nr./No.	Winkel / Angle
10-090-00	0°
10-090-30	30°
10-090-45	45°



01 Ambulantes Ohr-Instrumentarium

Diagnostic Ear Instruments



Otoskop, HD, Großbild, autoklavierbar, AD 2,4 mm, 11 cm /
Otoscope, HD, large picture, autoclavable, OD 2.4 mm, 11 cm

Art.-Nr./No.	Winkel / Angle
10-111-00	0°
10-111-30	30°
10-111-45	45°
10-111-70	70°

LED-Leuchtgriffe / LED light handles



Art.-Nr./No.	Description
70-211-00	LED-Hochleistungs-Leuchtgriff, 230 V, bestehend aus: (70-211-10, 70-211-20, 70-211-30, 70-211-40) LED high performance light-handle, 230 V, consisting of: (70-211-10, 70-211-20, 70-211-30, 70-211-40)
70-211-01	LED-Hochleistungs-Leuchtgriff, 120 V, bestehend aus: (70-211-10, 70-211-20, 70-211-30, 70-211-50) LED high performance light-handle, 120 V, consisting of: (70-211-10, 70-211-20, 70-211-30, 70-211-50)
70-211-10	LED-Handgriff, schwarz, mit Helligkeitsdimmer, Ausschaltautomatik, 3 W, 5500° K, 17500 Lux, zur Verwendung mit Li-Io-Akku 3,5 V und Endoskop-Adapter, 50 Std. Brenndauer / LED light handle, black, with brightness dimmer, automatic switch-off, 3 W, 5500° K, 17500 lux, to use with Li-Io chargeable battery 3.5 V and endoscope adapter, 50 hours run-time
70-211-20	Li-Ionen-Akku, 3,5 V, für LED-Handgriff Li-ion rechargeable battery, 3.5 V, for LED light-handle
70-211-30	Endoskopie-Adapter für LED-Handgriff, passend für Standardgewinde an Endoskopen (AcMI-Gewinde) / Endoscope adapter for LED light-handle, fits standard endoscope threads (AcMi-thread)
70-211-40	Ladegerät für bis zu 2 LED-Handgriffe, 3,5 V, 230 V, Standgerät, Wandhalterung / Charging base for up to 2 LED light-handles, 3.5 V, 230 V, table model, with wall holder
70-211-50	Ladegerät für bis zu 2 LED-Handgriffe, 3,5 V, 120 V, Standgerät, Wandhalterung / Charging base for up to 2 LED light-handles, 3.5 V, 120 V, table model, with wall holder

01 Ambulantes Ohr-Instrumentarium

Diagnostic Ear Instruments



**Halogen Super Spot Stirnlampe
mit integriertem Lichtleitkabel, Kabellänge 2,30 m /
Halogen Super Spot headlight
with integrated light cable, length of cable 2.30 m**

10-110-00

**Lichtleiter mit Irisblende für Kaltlicht-Stirnlampe
10-110-00 (ohne Stirnreifen), mit Storz-Adapter /
Light cable with iris, for headlight 10-110-00
(without headband), with Storz adapter**

10-110-03



**Kabellose Hochleistungs-LED Stirnlampe
"HighLite" mit Komfort-Stirnreifen, Ladegerät /
Cordless high definition LED headlight "HighLite",
comfortable headband, transformer and charger**

Art.-Nr./No.	Beschreibung / Description
10-120-00	Mit integriertem Akku-Pack / with integrated battery pack
10-122-00	Mit mobilem Akku-Pack / with mobile battery pack



**HR-Binokularlupe 2,5 x / 340 mm
mit Spritzschutz und schwenkbarem Lupenträger,
Nachrüstsatz für "HighLite" /
HR binocular loupe 2.5 x / 340 mm
with cover and loupe holder, attachment for "HighLite"**

10-120-01



**Stirnlampen-Ladestation, EN50 unplugged /
Headlight transformer, EN50 unplugged**

10-120-10



01 Ambulantes Ohr-Instrumentarium

Diagnostic Ear Instruments



**Kombi-Tasche für LED-Leuchte /
Bag for LED headlight**

10-120-99



**Kabellose LED Stirnlampe "Superlite III" mit Komfort-Stirnreifen
und zwei aufladbaren Akkus, USB-Ladekabel /
Cordless LED headlight "Superlite III" with comfortable headband
and two rechargeable cells, USB charging cable**

10-126-00

01 Ambulantes Ohr-Instrumentarium

Diagnostic Ear Instruments



**Binokularlupe, 2,5x Vergrößerung, 34 cm Arbeitsabstand /
Binocular loupe, 2.5x magnification, working distance 34 cm**

10-140-00



**Blessing Nystagmusbrille, mit Batteriegriff, weiß /
Blessing Nystagmus spectacles, integrated battery handle, white**

10-142-00

10-141-00



**Frenzel Nystagmusbrille, schwarz /
Frenzel Nystagmus spectacles, black**

Art.-Nr./No.

Beschreibung / Description

10-141-00 mit Kabelanschluss / with cable connection

10-141-01 mit Batteriehandgriff / with battery handle

10-141-99 Steckernetzteil für Nystagmusbrille 10-141-00 /
power supply for Nystagmus spectacles 10-141-00



10-141-01



**Mini Otoskop 3000,
mit Batteriegriff 2,5 V, Batterien, 4 Dauergebrauchs-Ohrtrichter,
10 Einmal-Ohrtrichter, Etui /
Mini otoscope 3000,
with battery handle 2.5 V, batteries, 4 multi use ear specula,
10 disposable ear specula, cover**

10-143-00



01 Ambulantes Ohr-Instrumentarium

Diagnostic Ear Instruments



XHL Xenon Ersatzlampe, 2,5 V, für Mini Otoskop 3000 /
XHL xenon spare bulb, 2.5 V, for Mini otoscope 3000

10-143-99



HNO Fiber Otoskop Beta 200,
USB Ladegriff mit USB Kabel, Steckernetzteil, 4 Dauergebrauchs-
Ohrtrichter, 10 Einmal-Ohrtrichter, Ersatzlampe, Etui /
ENT fibre otoscope Beta 200,
usb rechargeable handle with usb cable, power supply, 4 multi
use ear specula, 10 disposable ear specula, spare bulb, case

10-145-80



XHL Xenon Ersatzlampe, 2,5 V, für Beta 200 /
XHL xenon spare bulb, 2.5 V, for Beta 200

10-145-98



XHL Xenon Ersatzlampe, 3,5 V, für Beta 200 /
XHL xenon spare bulb, 3.5 V, for Beta 200

10-145-99



Ziegler Stirnspiegel, 9 cm / Ziegler head mirror, 9 cm

Art.-Nr./No.	Größe / Size (mm)
10-145-24	2,4
10-145-30	3,0
10-145-40	4,0
10-145-50	5,0
10-145-01	Set bestehend aus / contains: 2,4 mm, 3,0 mm, 4,0 mm, 5,0 mm

01 Ambulantes Ohr-Instrumentarium

Diagnostic Ear Instruments



Einmal-Ohrtrichter für Otoskope Beta 200 und Mini Otoskop 3000, schwarz, 1000 Stück/Box / Ear specula, disposable, for otoscopes Beta 200 and Mini otoscope 3000, black, 1000 pieces/box

Art.-Nr./No.	Größe / Size (mm)
10-148-25	2,5
10-148-40	4,0



Politzer Luftdusche bestehend aus: Gummibirne, Einsteckkonus, Ohrolive, Nasenolive (15, 17 und 22 mm) / Politzer air bag consists of: rubber bulb, connecting nozzle, ear olive, nose olive (15, 17 und 22 mm)

10-151-00



Politzer Ohrolive / Politzer ear olive

10-151-03



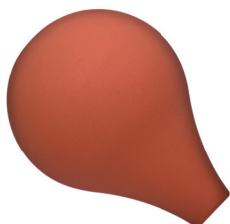
Politzer Nasenolive / Politzer nose olive

Art.-Nr./No.	Größe / Size (mm)
10-151-15	15
10-151-17	17
10-151-22	22



Politzer Einsteckkonus / Politzer connecting nozzle

10-151-01



Politzer Gummibirne / Politzer rubber bulb

10-151-02



01 Ambulantes Ohr-Instrumentarium

Diagnostic Ear Instruments



**Kabierske Pulverbläser,
komplett mit drei Kanülen für Ohr, Nase, Rachen, Hals;
mit Glas und Ventilball /
Kabierske powder blower,
complete with three cannulae for ear, nose, pharynx, larynx;
with bottle and rubber ball**

10-155-00



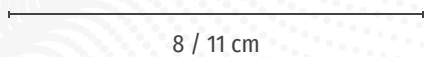
**Kabierske Ersatzglas, 30 ccm /
Kabierske spare bottle, 30 ccm**

10-155-01



Kabierske Ventilball / Kabierske rubber ball

10-155-02

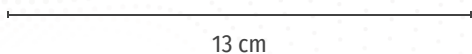


8 / 11 cm



Kabierske Kanüle, gerade / Kabierske cannula, straight

Art.-Nr./No.	Länge / Length (cm)
10-155-08	8
10-155-11	11



13 cm



**Kabierske Kanüle, gebogen, 13 cm /
Kabierske cannula, curved, 13 cm**

10-155-13



**Barany Lärmtrommel mit Olive /
Barany sound apparatus with olive tip**

10-160-00



Olive für Barany Lärmtrommel / Olive tip for Barany sound apparatus

10-160-99

01 Ambulantes Ohr-Instrumentarium

Diagnostic Ear Instruments



**Stimmgabel mit Fuß, a1 = 440 Hz /
Tuning fork with foot, a1 = 440 Hz**

10-171-01



10-170-00 10-170-01 10-170-02 10-170-03 10-170-04 10-170-05

Lucae Stimmgabel mit Fuß / Lucae tuning fork with foot

Art.-Nr./No.

10-170-00	c = 128 Hz
10-170-01	c1 = 256 Hz
10-170-02	c2 = 512 Hz
10-170-03	c3 = 1024 Hz
10-170-04	c4 = 2048 Hz
10-170-05	c5 = 4096 Hz



10-172-00 10-172-01 10-172-02 10-172-03 10-172-04 10-172-05

Hartmann Stimmgabel / Hartmann tuning fork

Art.-Nr./No.

10-172-00	c = 128 Hz
10-172-01	c1 = 256 Hz
10-172-02	c2 = 512 Hz
10-172-03	c3 = 1024 Hz
10-172-04	c4 = 2048 Hz
10-172-05	c5 = 4096 Hz
10-179-00	Set aus c - c4, mit Etui Set / containing c - c4, with case



Brünings anastigmatische Ohrlupe

Set mit Ohrlupe, Gummiball, 4 Trichtern, Etui /

Brünings anastigmatic aural magnifier

set with magnifier, rubber bulb, 4 specula, case

10-180-00



Brünings Gummiball, inklusive Schlauch und Steckkonus /

Brünings rubber bulb, including tube and cone

10-182-01



01 Ambulantes Ohr-Instrumentarium

Diagnostic Ear Instruments



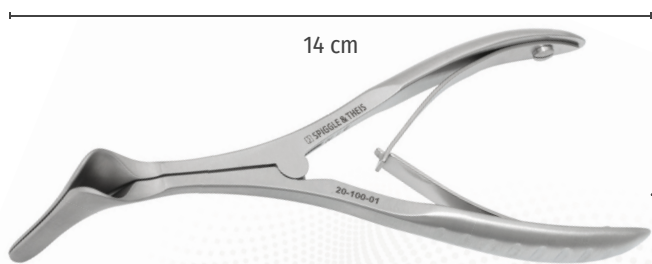
10-182-02



10-182-04

Brünings Lupe, geschlossen / Brünings loupe head, closed

Art.-Nr./No.	Vergrößerung / Magnification
10-182-02	2,5 x
10-182-04	0



Gehörgangs- und Nasenspekulum, 14 cm / Ear canal and nasal speculum, 14 cm

20-100-01



10-183-10

10-183-01

10-183-02

10-183-03

10-183-04

Brünings Ohrtrichter / Brünings ear speculum

Art.-Nr./No.	
10-183-10	0
10-183-01	1
10-183-02	2
10-183-03	3
10-183-04	4

Hartmann Ohrtrichter / Hartmann ear speculum



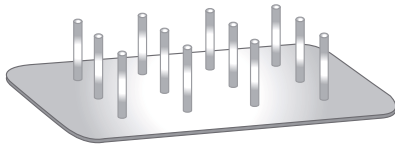
Art.-Nr./No.	Größe / Size	ID / ID (mm)
10-200-00	0	3,3 / 2,0
10-200-01	1	4,3 / 3,2
10-200-02	2	5,2 / 4,0
10-200-03	3	6,5 / 5,2
10-200-04	4	7,8 / 6,5

Hartmann Ohrtrichter zur Nachbehandlung, matt /

Hartmann ear speculum for post treatment, satin finished



Art.-Nr./No.	ID / ID (mm)	AD / OD (mm)
10-201-01	8	9
10-201-02	9	10



**Metallständer mit 12 Aufnahmen für Ohrtrichter /
Metal stand with 12 seatings for ear speculum**

10-204-99



Farrior Ohrtrichter, rund / Farrior ear speculum, round

Art.-Nr./No.	ID / ID (mm)	AD / OD (mm)
10-186-01	3,3	4,3
10-186-02	4,3	5,1
10-186-03	4,8	5,6
10-186-04	5,3	6,1
10-186-05	5,8	6,6
10-186-06	6,3	7,1
10-186-07	6,7	7,5
10-186-08	7,2	8,0



**Farrior Ohrtrichter, oval, schwarz, 20° /
Farrior ear speculum, oval, black, 20°**

Art.-Nr./No.	ID / ID (mm)	AD / OD (mm)
10-188-01	3,0 x 4,0	4,0 x 5,0
10-188-02	4,0 x 5,0	5,0 x 6,0
10-188-03	4,5 x 5,5	5,5 x 6,5
10-188-04	5,0 x 6,0	6,0 x 7,0
10-188-05	5,5 x 6,5	6,5 x 7,5
10-188-06	6,0 x 7,0	7,0 x 8,0
10-188-07	6,5 x 7,5	7,5 x 8,5
10-188-08	7,0 x 8,0	8,0 x 9,0
10-188-09	7,5 x 8,5	8,5 x 9,5



**Farrior Ohrtrichter, oval, schwarz, 35° /
Farrior ear speculum, oval, black, 35°**

Art.-Nr./No.	ID / ID (mm)	AD / OD (mm)
10-190-01	3,0 x 4,0	4,0 x 5,0
10-190-02	4,0 x 5,0	5,0 x 6,0
10-190-04	5,0 x 6,0	6,0 x 7,0
10-190-05	5,5 x 6,5	6,5 x 7,5
10-190-06	6,0 x 7,0	7,0 x 8,0
10-190-07	6,5 x 7,5	7,5 x 8,5
10-190-08	7,0 x 8,0	8,0 x 9,0
10-190-09	7,5 x 8,5	8,5 x 9,5



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Zöllner Ohrtrichter, Leichtmetall, schwarz eloxiert / Zöllner ear speculum, light metal, black anodized

Art.-Nr./No.	ID / ID (mm)	AD / OD (mm)
10-192-01	4,5 x 5,5	5,5 x 6,5
10-192-02	5,5 x 6,5	6,5 x 7,5
10-192-03	6,5 x 7,5	7,5 x 8,5
10-192-04	7,5 x 8,5	8,5 x 9,5
10-192-05	8,5 x 9,5	9,5 x 10,5
10-192-06	9,5 x 10,5	10,5 x 11,5



Politzer Ohrtrichter für Kinder / Politzer ear speculum for infants

Art.-Nr./No.	ID / ID (mm)	AD / OD (mm)
10-202-01	2,0	3,0
10-202-02	3,0	4,5
10-202-03	4,0	5,5



Holmgren Ohrtrichter, spreizbar, schwarz / Holmgren ear speculum, expandable, black

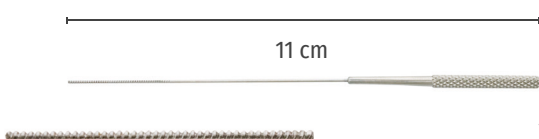
Art.-Nr./No.	ID / ID (mm)	AD / OD (mm)
10-203-05	4	5
10-203-06	5	6
10-203-07	6	7



Watteträger, Spitze 1,2 mm, 12 cm, 5 Stück / Cotton carrier, tip 1.2 mm, 12 cm, 5 pieces



Art.-Nr./No.	Beschreibung / Description
10-205-01	gerieft / serrated
10-205-02	dreikant, glatt / triangular, smooth
10-205-03	dreikant, gerieft / triangular, serrated



Attik Watteträger, extra fein, gerieft, Ø 0,8 mm, 11 cm, 5 Stück / Attic cotton carrier, very fine, serrated, Ø 0.8 mm, 11 cm, 5 pieces

10-205-04

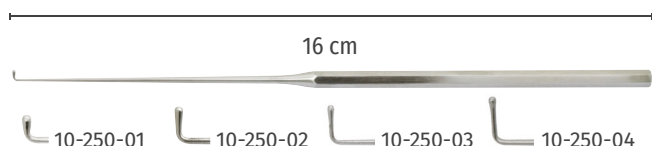
01 Ambulantes Ohr-Instrumentarium

Diagnostic Ear Instruments



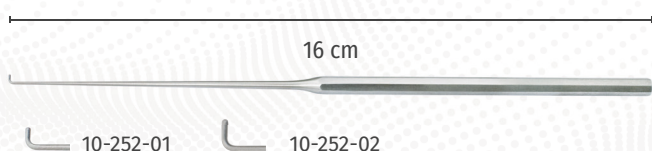
**Watteträger, dreikant, gerieft, Ø 0,9 mm, 13 cm /
Cotton carrier, triangular, serrated, Ø 0.9 mm, 13 cm**

10-206-13



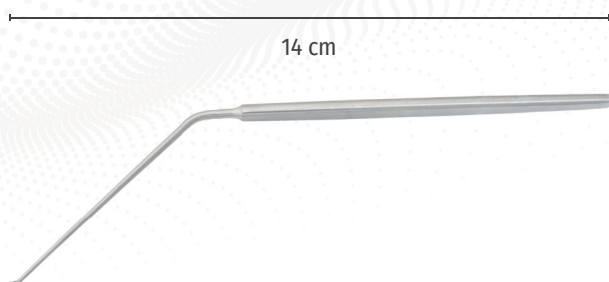
Lucae Cerumenhäkchen, 16 cm / Lucae cerumen hook, 16 cm

Art.-Nr./No.	Größe / Size
10-250-01	1 (2 mm)
10-250-02	2 (3 mm)
10-250-03	3 (4 mm)
10-250-04	4 (5 mm)



Day Cerumenhäkchen, 16 cm / Day cerumen hook, 16 cm

Art.-Nr./No.	Größe / Size
10-252-01	1 (2,5 mm)
10-252-02	2 (3,5 mm)



**Ohrkürette, Schaft kniegebogen, 14 cm /
Ear curette, shaft angled, 14 cm**

Art.-Nr./No.	Größe / Size	Winkel / Angle
10-258-00	0	Ring 35° aufwärts, stumpf / upwards, blunt
10-258-01	1	Ring 35° aufwärts, stumpf / upwards, blunt
10-258-02	2	Ring 35° aufwärts, stumpf / upwards, blunt
10-258-03	3	Ring 35° aufwärts, stumpf / upwards, blunt
10-259-00	0	Ring gerade, stumpf / straight, blunt
10-259-01	1	Ring gerade, stumpf / straight, blunt
10-259-02	2	Ring gerade, stumpf / straight, blunt
10-259-03	3	Ring gerade, stumpf / straight, blunt



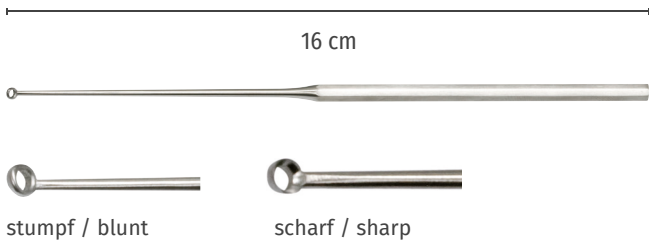
**Billeau Ohrschlinge, gerade, 16,5 cm /
Billeau ear loop, straight, 16.5 cm**

Art.-Nr./No.	Größe / Size
10-263-01	1
10-263-02	2
10-263-03	3



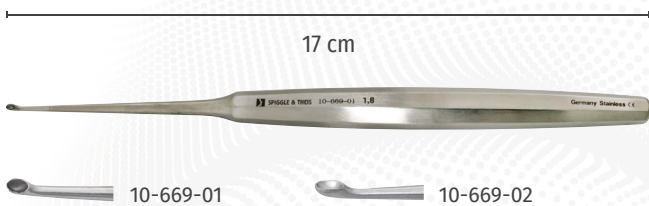
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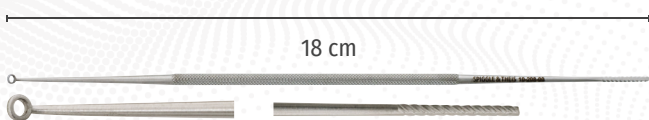
Buck Ohrkürette, leicht gebogen, 16 cm / Buck ear curette, slightly curved, 16 cm

Art.-Nr./No.	Größe / Size	Beschreibung / Description
10-260-20	00 (1,5 mm)	stumpf / blunt
10-260-10	0 (2,0 mm)	stumpf / blunt
10-260-01	1 (2,5 mm)	stumpf / blunt
10-260-02	2 (3,0 mm)	stumpf / blunt
10-260-03	3 (4,0 mm)	stumpf / blunt
10-261-20	00 (1,5 mm)	scharf / sharp
10-261-10	0 (2,0 mm)	scharf / sharp
10-261-01	1 (2,5 mm)	scharf / sharp
10-261-02	2 (3,0 mm)	scharf / sharp
10-261-03	3 (4,0 mm)	scharf / sharp



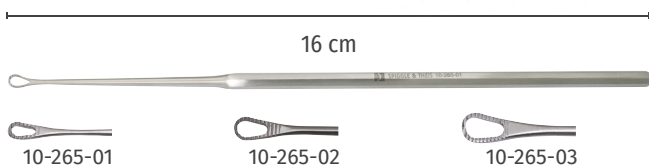
Gehörgangskürette, scharf, 17 cm / Ear canal curette, sharp, 17 cm

Art.-Nr./No.	Größe / Size (mm)
10-669-01	1,8
10-669-02	2,1



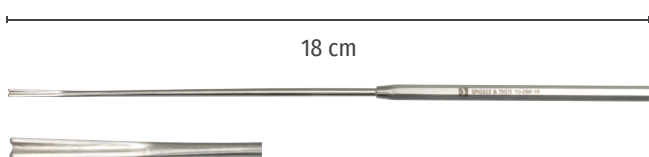
Jobson Watteträger/Kürette, 18 cm / Jobson cotton carrier/curette, 18 cm

10-208-00



Snellen Ohrschlinge, gebogen, gerieft, 16 cm / Snellen ear loop, curved, serrated, 16 cm

Art.-Nr./No.	Größe / Size (mm)
10-265-01	1
10-265-02	2
10-265-03	3

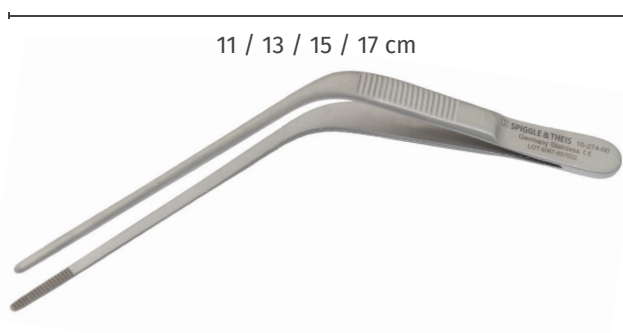
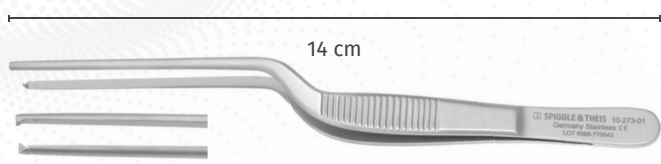
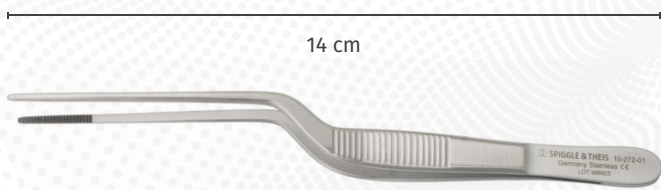
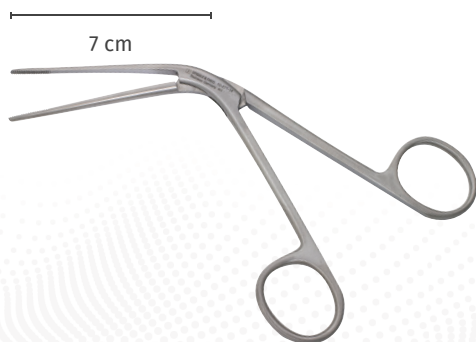


Ohr-Tamponade-Stopfer Modell Großhadern, 18 cm / Gauze applicator type Großhadern, 18 cm

10-268-18

01 Ambulantes Ohr-Instrumentarium

Diagnostic Ear Instruments



Hartmann Tamponadezängchen, Schaft 6 cm / Hartmann ear tampon forceps, shaft 6 cm

Art.-Nr./No.	Beschreibung / Description
10-269-01	fein / fine
10-269-02	extra fein / extra fine

Tilley Ohrtamponadezängchen, Schaft 7 cm / Tilley dressing and sponge holding forceps, shaft 7 cm

10-271-14

Lucae Ohrpinzette, bajonett, 14 cm / Lucae dressing forceps, bayonet, 14 cm

Art.-Nr./No.	Beschreibung / Description
10-272-01	fein, 2 mm / fine
10-272-02	extra fein, 1 mm / extra fine

Lucae Ohrpinzette, bajonett, fein, 1:2 Zähne, 2 mm, 14 cm / Lucae dressing forceps, bayonet, fine, 1:2 teeth, 2 mm, 14 cm

10-273-01

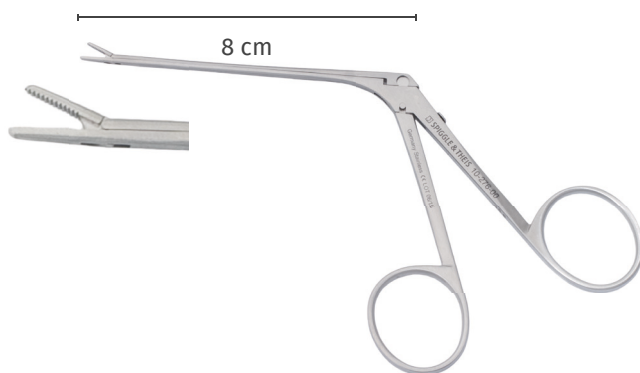
Troeltsch Ohrpinzette, kniegebogen, 2 mm / Troeltsch dressing forceps, angled, 2 mm

Art.-Nr./No.	Länge / Length (cm)
10-274-00	13
10-274-01	11
10-274-02	15
10-274-03	17



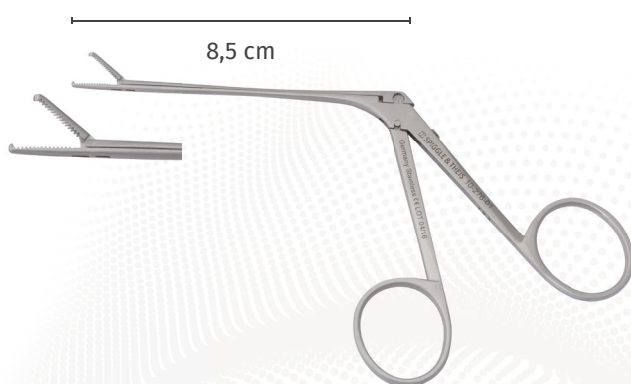
01 Ambulantes Ohr-Instrumentarium

Diagnostic Ear Instruments



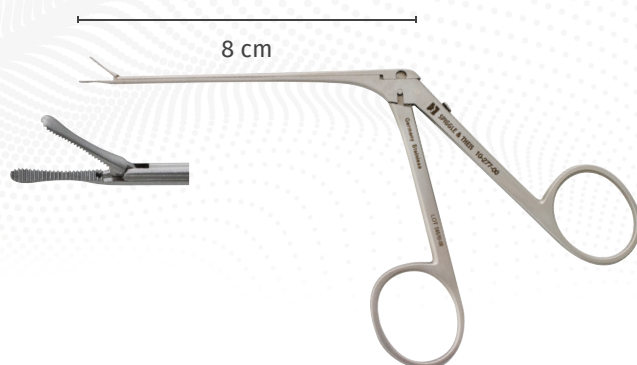
**Hartmann Ohrzängchen,
gerade, gerieft, 7 x 1,8 mm, 8 cm /
Hartmann ear forceps,
straight, serrated, 8 x 1.8 mm, 8 cm**

10-276-00



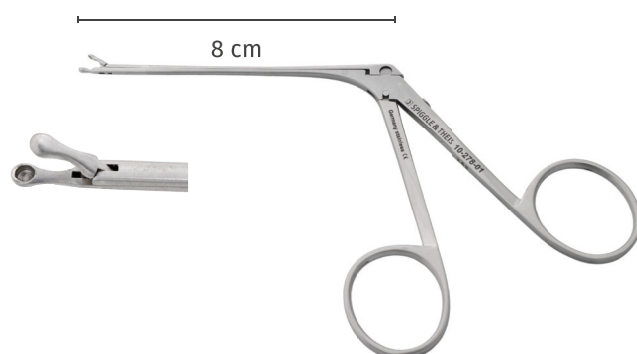
**Hartmann Ohrzängchen,
gerieft, gerade, 1:2 Zähne, 2,5 x 10 mm, 8,5 cm /
Hartmann ear forceps,
serrated, straight, 1:2 teeth, 2.5 x 10 mm, 8.5 cm**

10-276-01



**Duckbill Ohrzängchen, schnabelförmig,
gerieft, 8 cm /
Duckbill ear forceps, flat jaws, serrated, 8 cm**

10-277-00

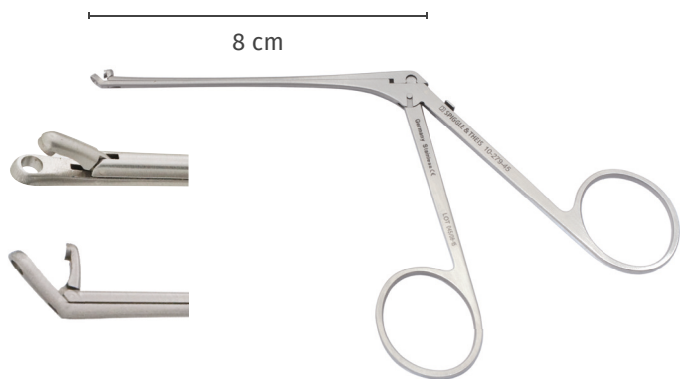


**Hartmann Ohrzängchen, runde Löffel, 8 cm /
Hartmann ear forceps, round cups, 8 cm**

Art.-Nr./No.	Größe / Size
10-278-01	1 (1,5 mm)
10-278-02	2 (2,0 mm)
10-278-03	3 (2,5 mm)
10-278-04	4 (3,0 mm)

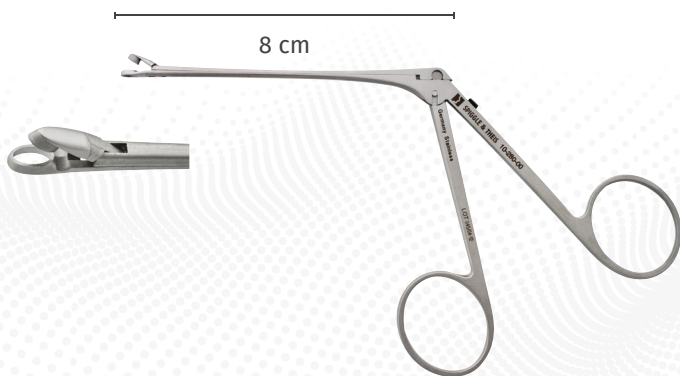
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Diagnostic Ear Instruments



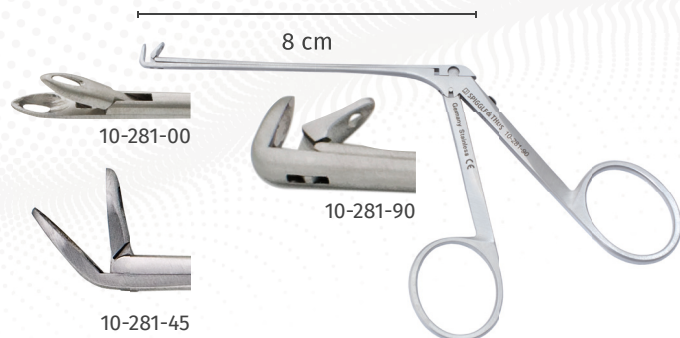
**Hoffmann Ohrzängchen,
durchschneidend, rund, 8 cm /
Hoffmann ear forceps,
throughcutting, round, 8 cm**

Art.-Nr./ No.	Größe / Size (mm)	Winkel / Angle
10-279-00	2,5	gerade / straight
10-279-01	2,0	gerade / straight
10-279-45	2,0	45° aufwärts / upwards



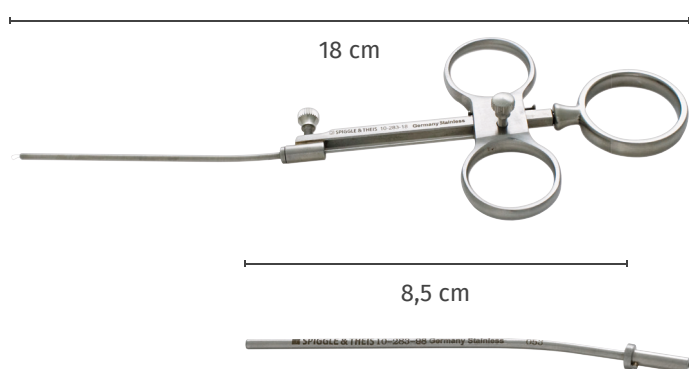
**Hoffmann Ohrzängchen,
durchschneidend, oval, 1,8 x 3,4 mm, 8 cm /
Hoffmann ear forceps,
throughcutting, oval, 1,8 x 3,4 mm, 8 cm**

10-280-00



**Strümpel Ohrzängchen, oval, gefenestert /
Strümpel ear forceps, oval, fenestrated**

Art.-Nr./No.	Größe / Size	Winkel / Angle
10-281-00	7,0 x 2,5 mm, 8,0 cm	0°
10-281-45	6,5 x 2,5 mm, 8,7 cm	45°
10-281-90	6,0 x 2,5 mm, 8,7 cm	90°



**Krause Ohrpolypenschnürer, 18 cm /
Krause ear polyp snare, 18 cm**

10-283-18

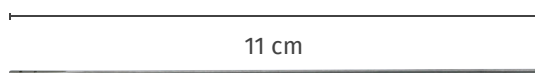
**Führungsrohr
für Krause Ohrpolypenschnürer, 8,5 cm /
Cannula for Krause ear polyp snare, 8,5 cm**

10-283-98



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Diagnostic Ear Instruments



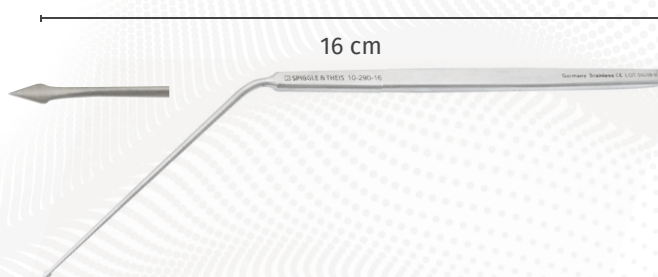
**Schlingenführer
für Krause Ohrpolypenschnürer, 11 cm /
Stylet for Krause ear polyp snare, 11 cm**

10-283-99



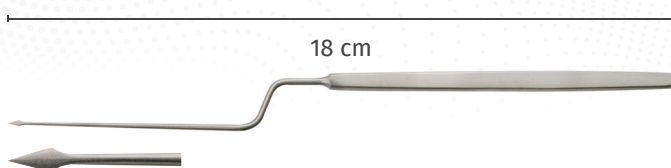
**Schlingen für Krause Ohrpolypenschnürer,
0,2 mm, 7,5 cm /
Wire loops for Krause ear polyp snare,
0.2 mm, 7.5 cm**

Art.-Nr./No.	Stück / Pieces
10-284-12	12
10-284-00	100



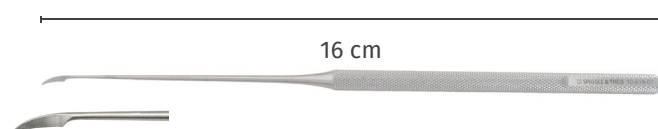
**Politzer Parazentesemesser,
kniegebogen, 16 cm /
Poltizer myringotomy blade, angled, 16 cm**

10-290-16



**Lucae Parazentesemesser,
bajonett, gebogen, 18 cm /
Lucae myringotomy blade,
bayonet, angled, 18 cm**

10-291-18

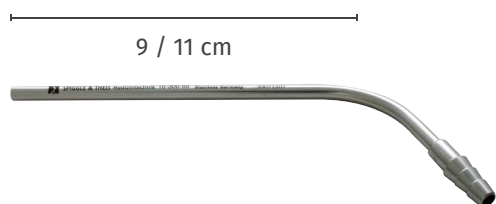


**Wullstein Sichelmesser,
leicht gebogen, fein, 16 cm /
Wullstein sickle knife,
slightly curved, delicate, 16 cm**

10-618-01

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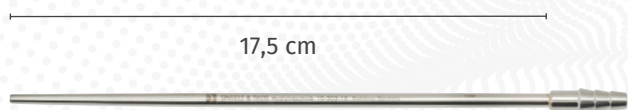
**Saugrohr, kniegebogen, zylindrisch, 9 cm /
Suction tube, angled, cylindrical, 9 cm**

Art.-Nr./No.	AD / OD (mm)	Länge / Length (cm)
10-300-10	1,0	9
10-300-15	1,5	9
10-300-20	2,0	9
10-300-25	2,5	11
10-300-30	3,0	11
10-300-40	4,0	11
10-300-50	5,0	11



**Saugrohr, kniegebogen, 11,5 cm, konisch /
Suction tube, angled, 11.5 cm, conical**

Art.-Nr./No.	AD / OD (mm)	Länge / Length (cm)
10-302-30	3,0	11,5
10-302-35	3,5	11,5
10-302-45	4,5	13,0



**Saugrohr,
gerade, biegsam, konisch, 3,0 mm, 19,5 cm /
Suction tube,
straight, bendable, conical, 3.0 mm, 19.5 cm**

10-303-18



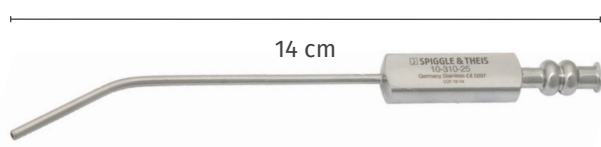
**Wollstein Saughandgriff mit Unterbrecher,
10,5 cm /
Wollstein suction handle with suction control,
10.5 cm**

10-305-11



**House Saughandgriff mit Unterbrecher, 5 cm /
House suction handle with suction control, 5 cm**

10-306-05



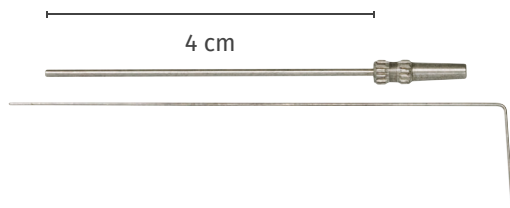
**Zöllner Saugrohr, gewinkelt, 2,5 mm, 14 cm /
Zöllner suction tube, angled, 2.5 mm, 14 cm**

10-310-25



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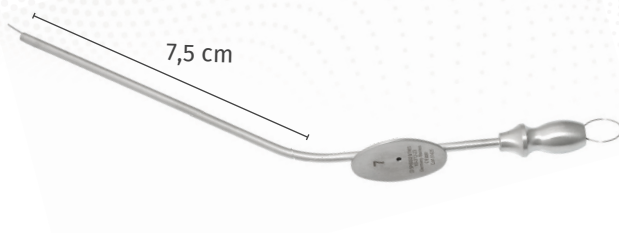
**Zöllner Aufsatzsauger mit Mandrin, 0,7 mm, 4 cm /
Zöllner suction tip with stylet, 0.7 mm, 4 cm**

10-310-07



**House Nadelsauger, Luer-Lock, 5 Stück/Box /
House suction cannula, Luer-Lock, 5 pieces/box**

Art.-Nr./No.	AD / OD (mm)	Länge / Length (cm)
10-308-06-05	0,6 ◦	7
10-308-08-05	0,8 ◦	7
10-308-10-05	1,0 ◦	7
10-308-12-05	1,2 ◦	7
10-308-15-05	1,5 ◦	7
10-308-18-05	1,8 ◦	7
10-308-20-05	2,0 ◦	7
10-308-22-05	2,2 ◦	7
10-308-25-05	2,5 ◦	7
10-308-30-05	3,0 ◦	7
10-309-06-05	0,6 ◦	6
10-309-08-05	0,8 ◦	6
10-309-10-05	1,0 ◦	6
10-309-12-05	1,2 ◦	6



**Baron Saugrohr mit Griffplatte und Unterbrecher, 7,5 cm /
Baron suction tube with suction control, 7.5 cm**

Art.-Nr./No.	AD / OD (mm)
10-312-10	1,0
10-312-17	1,5
10-312-23	2,3

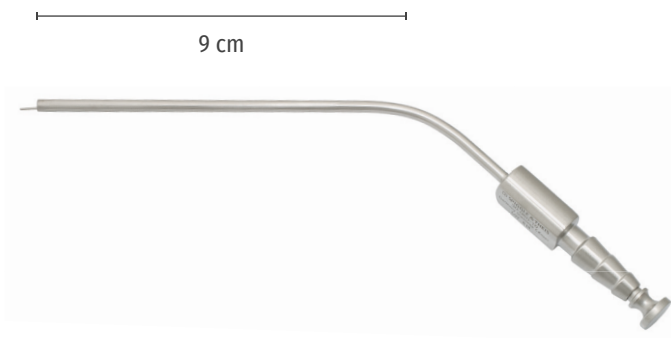


**Schuknecht Saugrohr mit Unterbrecher, 45°, 9 cm /
Schuknecht suction tube with suction control, 45°, 9 cm**

Art.-Nr./No.	ID / ID (mm)
10-314-20	0,9
10-314-22	0,7
10-314-24	0,6

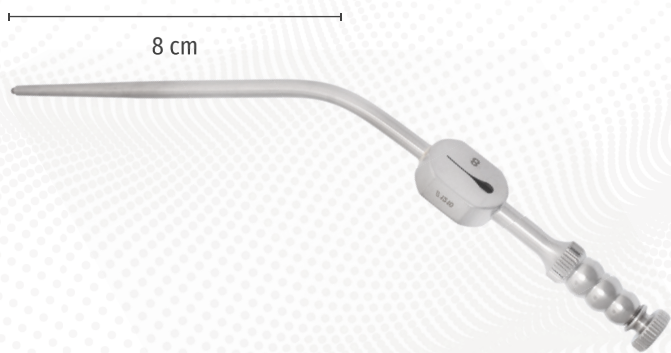
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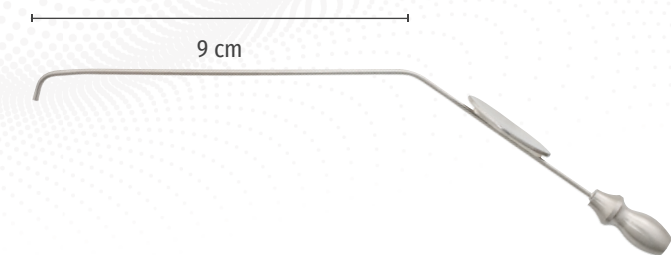
**Frazier Saugrohr,
mit Griffplatte und Unterbrecher, 9 cm /
Frazier suction tube, with suction control, 9 cm**

Art.-Nr./No.		AD / OD Ch/Fr = mm
30-080-05	○	5 = 1,6
30-080-06	○	6 = 2,0
30-080-07	○	7 = 2,3
30-080-08	○	8 = 2,7
30-080-09	○	9 = 3,0
30-080-10	○	10 = 3,3
30-080-12	○	12 = 4,0
30-080-15	○	15 = 5,0



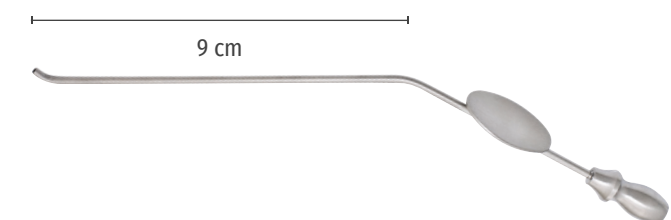
**Frazier Saugrohr, konisch,
mit tränenförmigem Unterbrecher, 8 cm /
Frazier suction tube, conical,
with tear shaped suction control, 8 cm**

Art.-Nr./No.		AD / OD Ch/Fr = mm
30-105-06	○	6 = 2,0
30-105-08	○	8 = 2,7
30-105-10	○	10 = 3,3



**Verhoeven Saugrohr mit Griffplatte,
abwärts gebogen, 9 cm /
Verhoeven suction tube with finger plate,
downwards curved, 9 cm**

Art.-Nr./No.		AD / OD
10-314-15	○	1,5
10-313-24	○	2,0



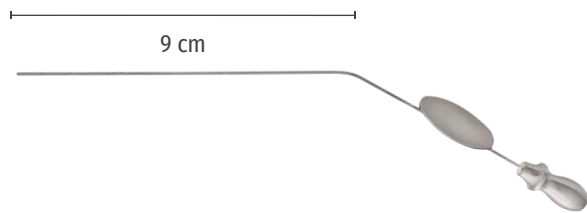
**Verhoeven Saugrohr mit Griffplatte,
aufgebogen, 9 cm /
Verhoeven suction tube with finger plate,
upcurved, 9 cm**

Art.-Nr./No.		AD / OD
10-314-14	○	1,5
10-313-23	○	2,0



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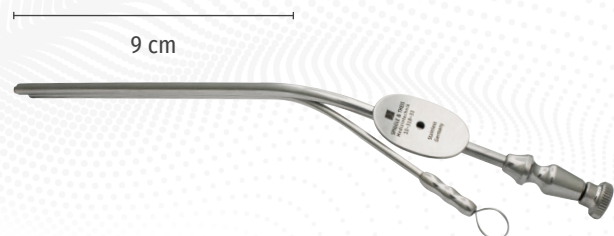
**Verhoeven Saugrohr mit Griffplatte, 9 cm, gerade /
Verhoeven suction tube with finger plate, 9 cm, straight**

Art.-Nr./No.		ID / ID (mm)
10-313-12	○	1,2
10-314-13	○	1,5
10-313-20	○	2,0



**Plester Saugrohr mit Griffplatte und Unterbrecher, 14 cm /
Plester suction tube with suction control, 14 cm**

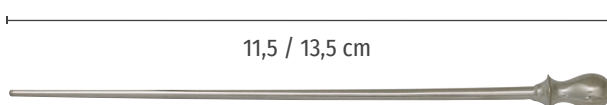
Art.-Nr./No.		ID / ID (mm)
10-315-15	○	1,5
10-315-20	○	2,0
10-315-25	○	2,5
10-315-30	○	3,0



**House Saug- und Spülrohr mit Unterbrecher, zylindrisch, 9 cm /
House suction and irrigation tube with suction control,
cylindrical, 9 cm**

10-318-14	○	
10-318-15	○	
10-318-23	○	
10-318-33	○	
10-318-45	○	

Art.-Nr./No.		ID / ID (mm)
10-318-14		1,2 x 0,9
10-318-15		1,5 x 1,3
10-318-23		2,3 x 1,5
10-318-33		3,3 x 2,3
10-318-45		4,0 x 2,0



**Wullstein Saugrohr, Silber, gerade /
Wullstein suction tube, silver, straight**

Art.-Nr./No.	AD / OD (mm)		Länge / Length (cm)	Beschreibung / Description
10-320-00	1,5	○	11,5	konisch / conical
10-321-15	1,5	○	11,5	zylindrisch / cylindrical
10-321-20	2,0	○	13,5	zylindrisch / cylindrical

02 Antrotomie

Antrotomy



Langenbeck Raspatorium, Breite 16 mm, 19,5 cm /
Langenbeck raspatory, width 16 mm, 19.5 cm

10-348-19



Farabœuf Periost Raspatorium, Breite 13 mm, 15 cm /
Farabœuf periost raspatory, width 13 mm, 15 cm

Art.-Nr./No.	Beschreibung / Description
10-350-13	gebogen / curved
10-351-13	gerade / straight



Cottle Raspatorium, gebogen, 20 cm /
Cottle raspatory, curved, 20 cm

Art.-Nr./No.	Größe / Size (mm)
10-352-08	8
10-352-14	14



Lempert Raspatorium, 17 cm /
Lempert raspatory, 17 cm

Art.-Nr./No.	Größe / Size (mm)	Beschreibung / Description
10-353-02	2	leicht gebogen / slightly curved
10-353-03	3	leicht gebogen / slightly curved
10-353-04	4	leicht gebogen / slightly curved
10-353-05	5	leicht gebogen / slightly curved
10-354-03	3	stark gebogen / strongly curved



Plester Gehörgangsraspatorium, flach gebogen, 8 mm, 18 cm /
Plester raspatory, slightly curved, 8 mm, 18 cm

10-355-08



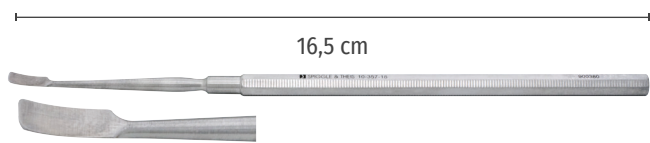
Wullstein Raspatorium, 16,5 cm /
Wullstein raspatory, 16.5 cm

Art.-Nr./No.	Größe / Size (mm)
10-356-00	4,0
10-356-01	2,5



02 Antrotomie

Antrotomy



**Wullstein Raspatorium, abgerundete Ecken, 4 mm, 16,5 cm /
Wullstein raspatory, with rounded edges, 4 mm, 16.5 cm**

10-357-18



**Shambough-Derlacki Duckbill-Raspatorium,
leicht gebogen, 3 mm, 14,5 cm /**

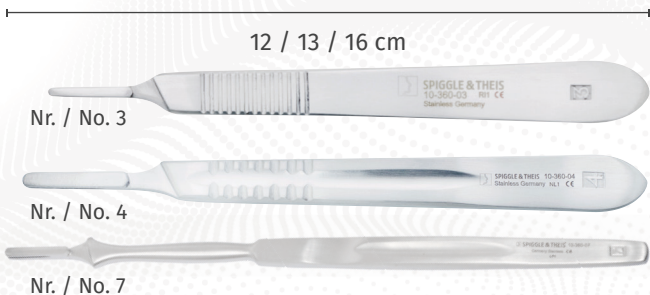
**Shambough-Derlacki duckbill raspatory,
slightly curved, 3 mm, 14.5 cm**

10-358-15



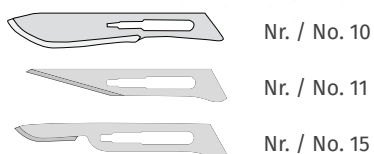
**Freer Doppelevatorium, scharf/stumpf, 18 cm /
Freer elevator, double ended, sharp/blunt, 18 cm**

20-305-18



Skalpell-Griff / Scalpel handle

Art.-Nr./No.	Nr. / No.	Länge / Length (cm)
10-360-03	3	12
10-360-04	4	13
10-360-07	7	16



Skalpell-Klingen, einzeln steril verpackt, 100 Stück / Scalpel blades, single sterile packed, 100 pieces

Art.-Nr./No.	Nr. / No.	Beschreibung / Description
10-360-10	10	gerundet / rounded
10-360-11	11	spitz / pointed
10-360-15	15	gerundet / rounded



Trautmann Hohlmeißel, 13,5 cm / Trautmann gouge, 13.5 cm

Art.-Nr./No.	Größe / Size (mm)
10-365-02	2
10-365-04	4
10-365-06	6
10-365-08	8

02 Antrotomie

Antrotomy



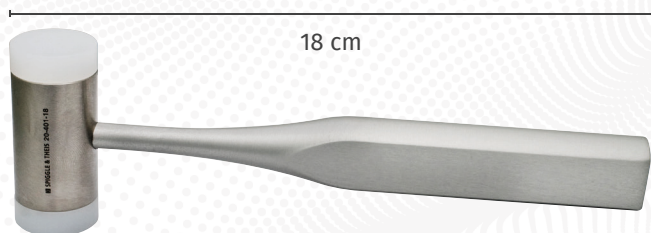
Trautmann Flachmeißel, 13,5 cm / Trautmann chisel, 13.5 cm

Art.-Nr./No.	Größe / Size (mm)	
10-366-02	2	┌
10-366-04	4	┌
10-366-06	6	┌
10-366-08	8	┌



Cottle Hammer, 18 cm / Cottle mallet, 18 cm

20-400-18



Metallhammer mit auswechselbaren Nylonbacken, 25 mm, 320 g, 18 cm /

Metal mallet with replaceable nylon facings, 25 mm, 320 g, 18 cm

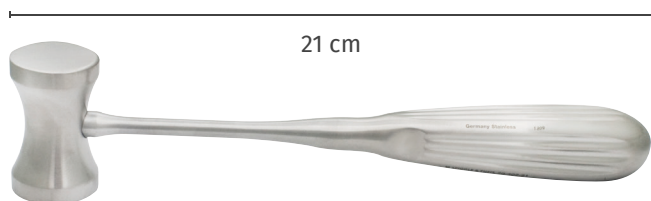
20-401-18



Nylon-Ersatzbacken für Metallhammer, 25 mm, Paar /

Nylon spare facings for metal mallet, 25 mm, pair

20-401-99



Hajek Metallhammer, 200 g, 21 cm /

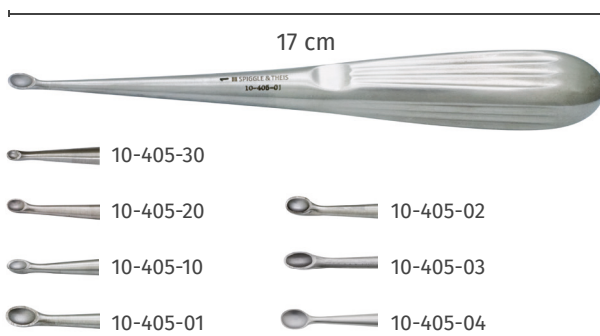
Hajek metal mallet, 200 g, 21 cm

20-402-21



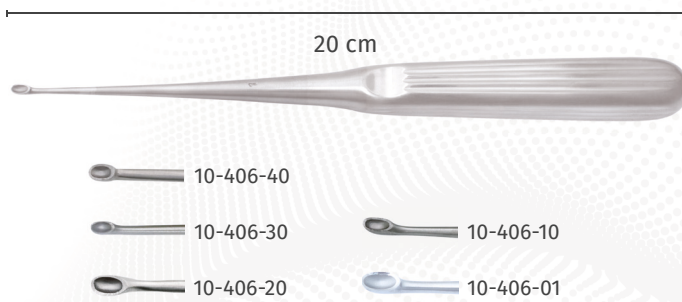
02 Antrotomie

Antrotomy



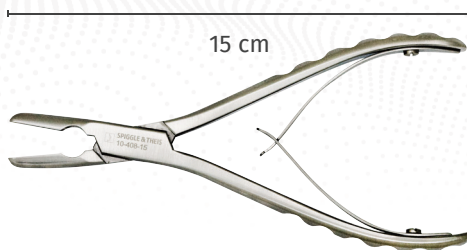
**Spratt Mastoid-Löffel, 17 cm /
Spratt mastoid curette, 17 cm**

Art.-Nr./No.	Größe / Size
10-405-30	000
10-405-20	00
10-405-10	0
10-405-01	1
10-405-02	2
10-405-03	3
10-405-04	4



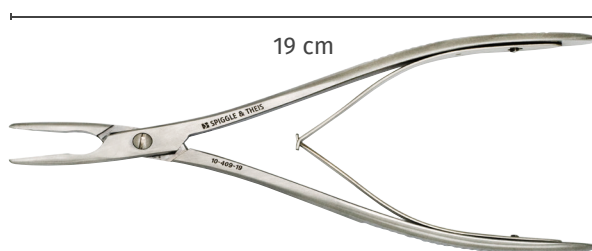
**Lempert Mastoid-Löffel, 20 cm /
Lempert mastoid curette, 20 cm**

Art.-Nr./No.	Größe / Size
10-406-40	0000
10-406-30	000
10-406-20	00
10-406-10	0
10-406-01	1



**Luer Knochenzange, gebogen, 15 cm /
Luer rongeur, curved, 15 cm**

10-408-15



**Lempert Knochenzange, 19 cm /
Lempert rongeur, 19 cm**

Art.-Nr./No.	Beschreibung / Description
10-409-19	gerade / straight
10-410-19	gebogen / curved

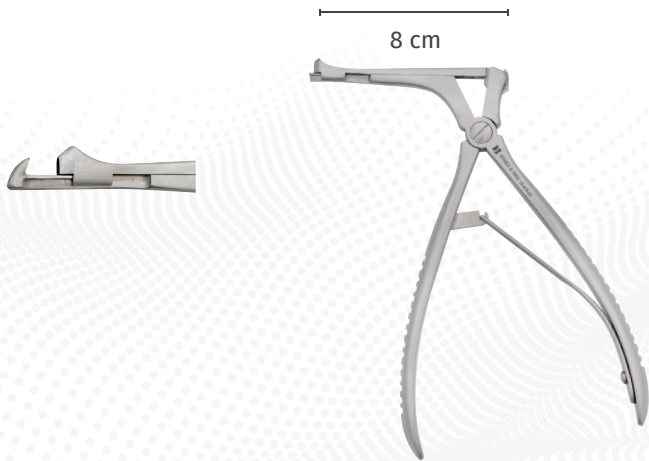
02 Antrotomie

Antrotomy



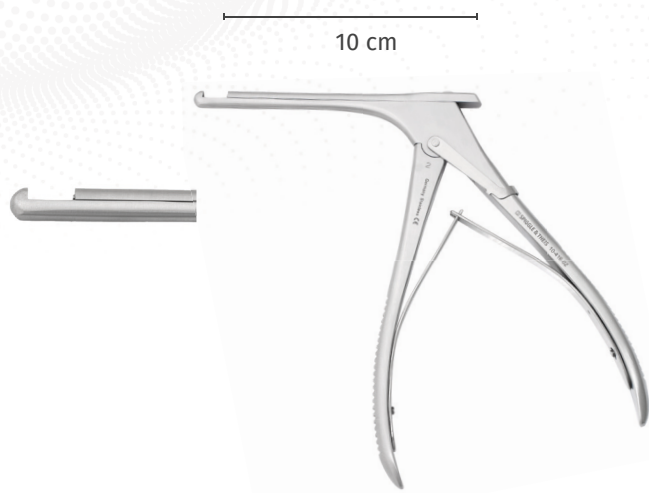
**Beyer Knochenzange,
gebogen, Doppelgelenk, 18 cm /
Beyer rongeur,
curved, double joint 18 cm**

10-412-18



**Citelli Knochenstanze, 8 cm /
Citelli bone punch, 8 cm**

Art.-Nr./No.	Größe / Size
10-415-01	1 (1 mm)
10-415-02	2 (2 mm)
10-415-03	3 (3 mm)



**Kerrison Knochenstanze,
komplett zerlegbar, 10 cm /
Kerrison bone punch,
fully detachable, 10 cm**

Art.-Nr./No.	Größe / Size
10-416-01	1 (4,0 mm)
10-416-02	2 (4,5 mm)
10-416-03	3 (5,0 mm)



Präzision - Schärfe - Sicherheit Precision - Sharpness - Safety

Low- and HighSpeed		Osteotomiebohrer, Hartmetall oder Stahl, 70 mm / Osteotomy burs, carbide or steel, 70 mm
LowSpeed		Osteotomiebohrer, Cross-Cut, Hartmetall oder Stahl, 70 mm / Osteotomy burs, Cross-Cut, carbide or steel, 70 mm
Low- and HighSpeed		Osteotomiebohrer, A-Verzahnung, Stahl, 70 mm / Osteotomy burs, A-toothing, steel, 70 mm
Low- and HighSpeed		Diamantbohrer, mittlere Körnung, 70 mm / Diamond burs, medium grain, 70 mm
LowSpeed		Diamantbohrer, extra grobe Körnung, 70 mm / Diamond burs, extra-coarse grain, 70 mm
HighSpeed		Diamantbohrer, super grobe Körnung, 70 mm / Diamond burs, super coarse grain, 70 mm

Bitte beachten Sie, dass es im Bereich der Rotierenden Instrumente eine Vielzahl an Schaftanschliffen, Längen, Kopf- formen und anderen Details gibt. Aus diesem Grund ist es nicht möglich, alle Varianten an dieser Stelle abzubilden.

Eine Übersicht über das komplette Produktsortiment erhalten Sie auf **Anfrage unter: +49 (0) 2206 90 81 - 0**

Please notice that there are many standards of shank, length, head form and various other details in the range of rotary instruments. For this reason it is impossible to show all available variations on this page.

For a complete overview of our entire bur assortment **please call: +49 (0) 2206 90 81 - 0**

Vorteile unserer Rotierenden Instrumente:

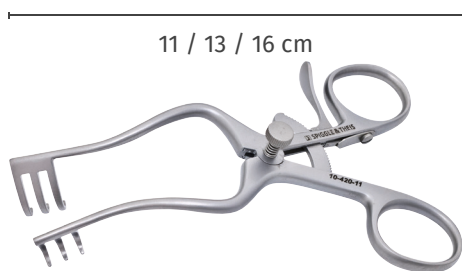
- Minimierte Vibrationen
- Weiche Drehbewegungen, die sowohl Bohrer als auch Handstücke schonen
- Effiziente Materialabtragung durch optimal designte Bohrköpfe

Advantages of our rotary instruments:

- Minimum vibration
- Smooth rotary action protects burs and handpieces
- Efficient removal of tissue due to optimized bur head design

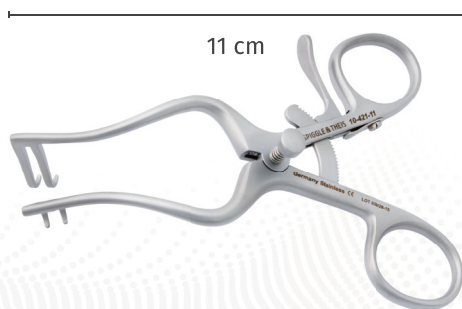
04 Wundsperrer

Retractors



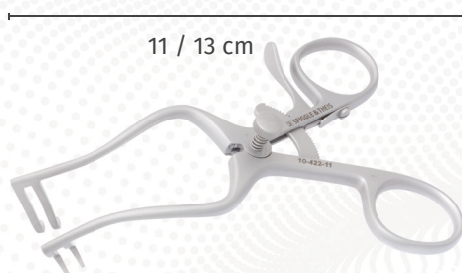
**Wullstein Wundsperrer, 3:3 Zähne, halbscharf, zerlegbar /
Wullstein retractor, 3:3 prongs, semi-sharp, detachable**

Art.-Nr./No.	Länge / Length (cm)
10-420-11	11
10-420-13	13
10-420-16	16



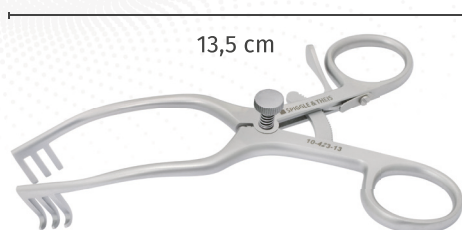
**Plester Wundsperrer,
2:2 Zähne, halbscharf, extra fein, 11 cm, zerlegbar /
Plester retractor,
2:2 prongs, semi-sharp, extra fine, 11 cm, detachable**

10-421-11



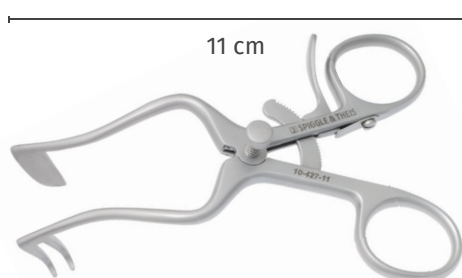
**Plester Wundsperrer, 2:2 Zähne, halbscharf, zerlegbar /
Plester retractor, 2:2 prongs, semi-sharp, detachable**

Art.-Nr./No.	Länge / Length (cm)
10-422-11	11,0
10-422-13	13,5



**Schuknecht-Fisch Wundsperrer,
gewinkelt, 3:3 Zähne, halbscharf, 13,5 cm, zerlegbar /
Schuknecht-Fisch retractor,
angled, 3:3 prongs, semi-sharp, 13.5 cm, detachable**

10-423-13



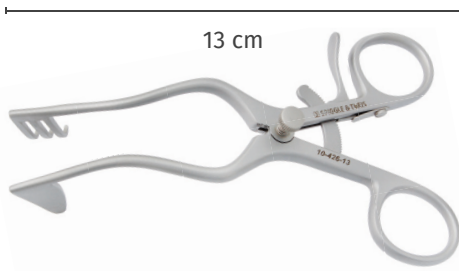
**Plester Wundsperrer, 11 cm, zerlegbar /
Plester retractor, 11 cm, detachable**

Art.-Nr./No.	Beschreibung / Description
10-426-11	2 Zähne rechts, Blatt links / 2 prongs right, blade left
10-427-11	2 Zähne links, Blatt rechts / 2 prongs left, blade right



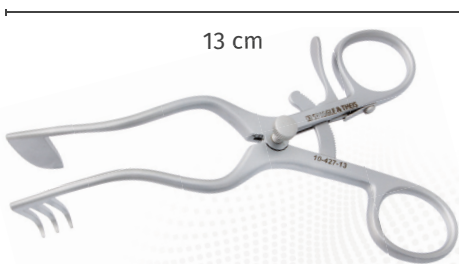
04 Wundsperrer

Retractors



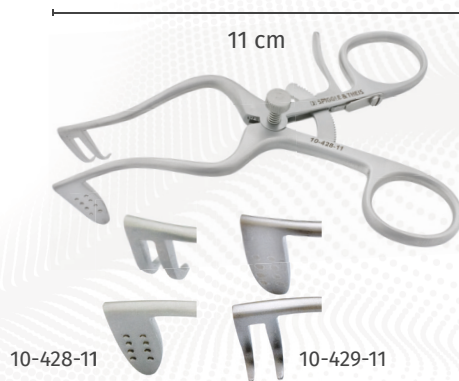
**Plester Wundsperrer,
3 Zähne rechts, Blatt links, 13 cm, zerlegbar /
Plester retractor,
3 prongs right, blade left, 13 cm, detachable**

10-426-13



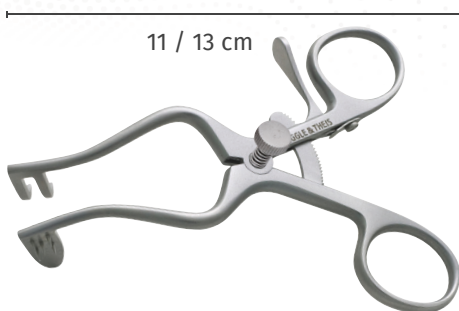
**Plester Wundsperrer,
3 Zähne links, Blatt rechts, 13 cm, zerlegbar /
Plester retractor,
3 prongs left, blade right, 13 cm, detachable**

10-427-13



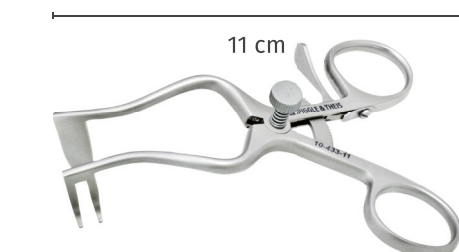
**Helms Wundsperrer, 11 cm, zerlegbar /
Helms retractor, 11 cm, detachable**

Art.-Nr./No.	Beschreibung / Description
10-428-11	2 Zähne rechts, Blatt mit Noppen links / 2 prongs right, studded blade left
10-429-11	2 Zähne links, Blatt mit Noppen rechts / 2 prongs left, studded blade right



**Perkins Wundsperrer,
2 Zähne rechts, gezahntes Blatt links, zerlegbar /
Perkins retractor,
2 prongs right, pointed blade left, detachable**

Art.-Nr./No.	Länge / Length (cm)
10-432-11	11,5
10-432-13	13,0

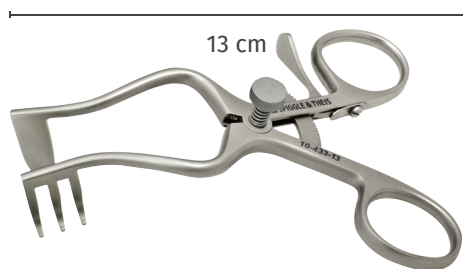


**Perkins Wundsperrer,
2 Zähne links, gezahntes Blatt rechts, 11 cm, zerlegbar /
Perkins retractor,
2 prongs left, pointed blade right, 11 cm, detachable**

10-433-11

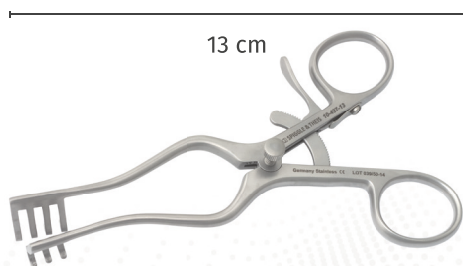
04 Wundsperrer

Retractors



Perkins Wundsperrer,
3 Zähne links, gezahntes Blatt rechts, 13 cm, zerlegbar /
Perkins retractor,
3 prongs left, pointed blade right, 13 cm, detachable

10-433-13



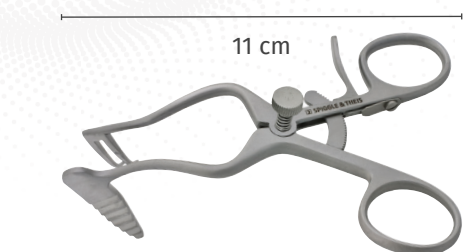
Weitlaner Wundsperrer,
3:4 Zähne, stumpf, zerlegbar, gerade, 13 cm /
Weitlaner retractor,
3:4 prongs, blunt, detachable, straight, 13 cm

10-437-13



Weitlaner Wundsperrer,
2:3 Zähne, halbscharf, zerlegbar /
Weitlaner retractor,
2:3 prongs, semi-sharp, detachable

Art.-Nr./No.	Länge / Length (cm)
10-434-11	11
10-434-13	13



Wigand endauraler Wundsperrer, 11 cm, zerlegbar /
Wigand endaural retractor, 11 cm, detachable

Art.-Nr./No.	Beschreibung / Description
10-430-11	2 Zähne rechts, geriefte Platte links / 2 prongs right, serrated plate left
10-431-11	2 Zähne links, geriefte Platte rechts / 2 prongs left, serrated plate right



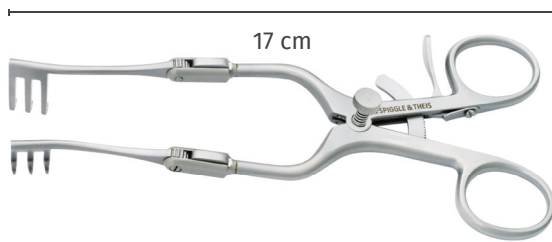
Mollison Wundsperrer,
4:4 Zähne, 15,5 cm, zerlegbar
Mollison retractor,
4:4 prongs, 15.5 cm, detachable

10-435-15



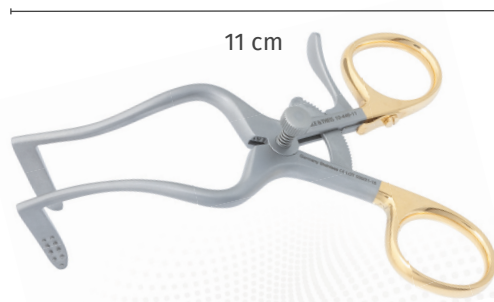
04 Wundsperrer

Retractors



**Fisch Wundsperrer mit Gelenken,
3:3 Zähne, halbscharf, 17 cm, zerlegbar /
Fisch retractor, with joint,
3:3 prongs, semi-sharp, 17 cm, detachable**

10-438-17



**Preyer Wundsperrer,
schmales Blatt, Griff vergoldet,
beidseits mit Noppen, 11 cm, zerlegbar /
Preyer retractor,
slim blade, gold plated grip,
studded on both sides, 11 cm, detachable**

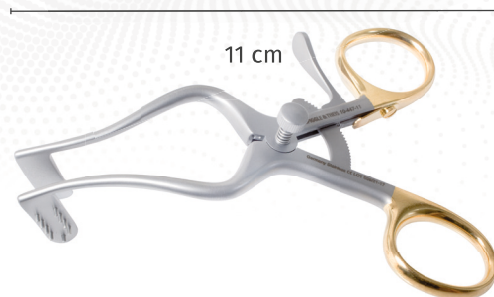
10-446-11

Black Line
Ultimate Edition



**Preyer Wundsperrer Black Line,
schmales Blatt, Griff vergoldet,
beidseits mit Noppen, 11 cm, zerlegbar /
Preyer retractor Black Line,
slim blade, gold plated grip,
studded on both sides, 11 cm, detachable**

10-446-11B



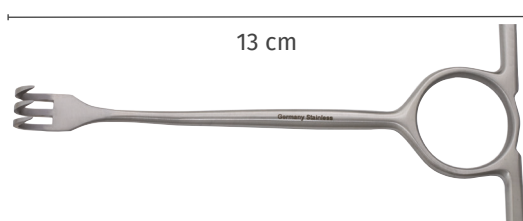
**Dazert Wundsperrer,
beidseits mit langen Noppen, Griff vergoldet, zerlegbar, 11 cm /
Dazert retractor,
long studs on both sides, gold plated grip, detachable, 11 cm**

10-447-11



**Williger Wundhaken, 4 scharfe Zähne, 13 cm /
Williger retractor, 4 sharp prongs, 13 cm**

10-466-13

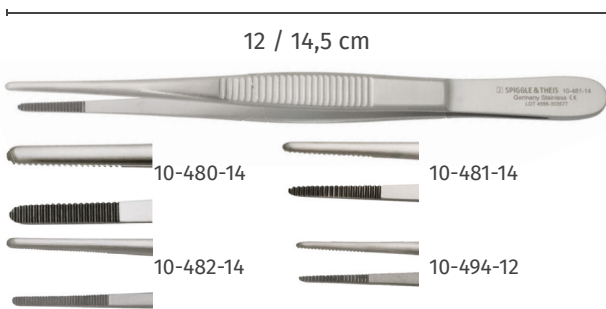


**Williger Wundhaken, 3 scharfe Zähne, 13 cm /
Williger retractor, 3 sharp prongs, 13 cm**

10-467-13

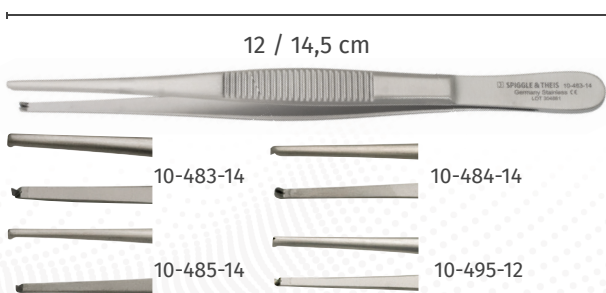
05 Pinzetten

Dressing forceps



Pinzette, anatomisch, gerade / Dressing forceps, anatomical, straight

Art.-Nr./No.	Spitze / Tip (mm)	Länge / Length (cm)
10-480-14	3,5	14,5
10-481-14	2,0	14,5
10-482-14	1,7	14,5
10-494-12	1,3	12,0



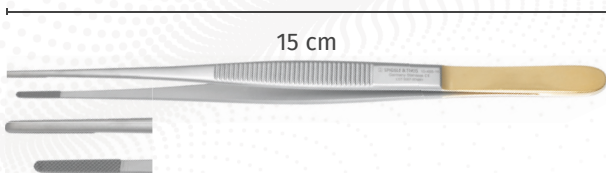
Pinzette, chirurgisch, 1:2 Zähne, gerade / Dressing forceps, 1:2 teeth, straight

Art.-Nr./No.	Spitze / Tip (mm)	Länge / Length (cm)
10-483-14	2,3	14,5
10-484-14	1,7	14,5
10-485-14	1,4	14,5
10-495-12	1,5	12,0



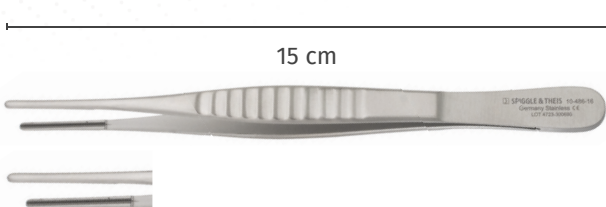
McIndoe Pinzette, anatomisch, gerade, 2 mm, 15 cm / McIndoe dressing forceps, anatomical, straight, 2 mm, 15 cm

10-485-15



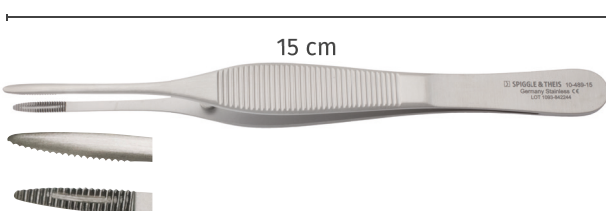
Pinzette, Hartmetall, anatomisch, gerade, 1,5 mm, 15 cm / Dressing forceps, tungsten carbide, anatomical, straight, 1,5 mm, 15 cm

10-488-15



DeBakey Pinzette, atraumatisch, gerade, 15 cm / DeBakey dressing forceps, atraumatic, straight, 15 cm

Art.-Nr./No.	Spitze / Tip (mm)
10-486-16	2,0
10-487-16	1,5



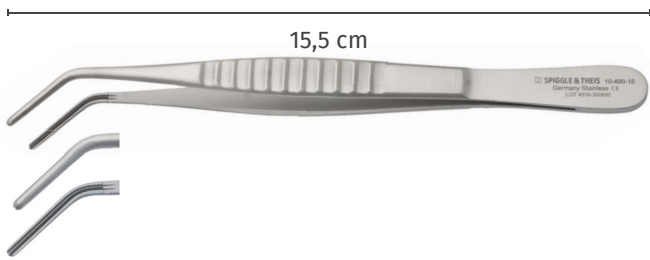
Helms Pinzette, anatomisch, gerade, 2,8 mm, 15 cm / Helms dressing forceps, anatomical, straight, 2,8 mm, 15 cm

10-489-15



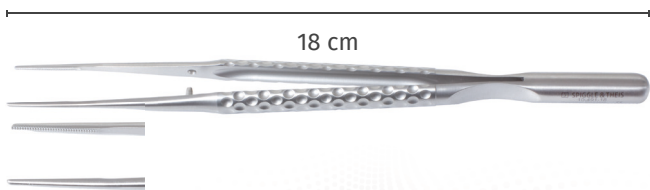
05 Pinzetten

Dressing forceps



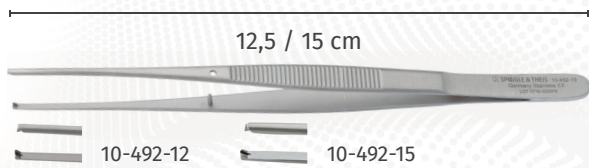
**DeBakey Pinzette, atraumatisch, gewinkelt, 15,5 cm /
DeBakey dressing forceps, atraumatic, angled, 15.5 cm**

Art.-Nr./No.	Spitze / Tip (mm)
10-490-16	2,0



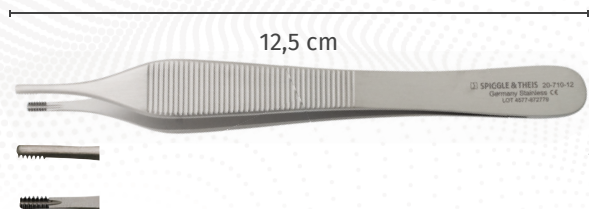
**Atrauma-Mikro-Pinzette,
mit Gewicht, gerade, Führungsstift, Golfball-Design, 1,2 mm, 18 cm /
Atrauma micro forceps,
with counterweight & guide pin, straight, golfball-design,
1.2 mm, 18 cm**

10-491-18



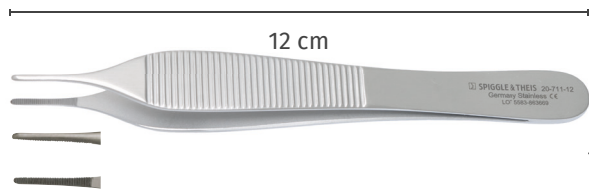
**Semken Pinzette, fein, 1:2 Zähne /
Semken dressing forceps, fine, 1:2 teeth**

Art.-Nr./No.	Länge / Length (cm)
10-492-12	12,5
10-492-15	15,0



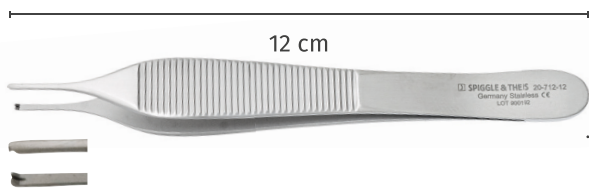
**Adson-Brown Pinzette, 7:8 Zähne, 12,5 cm /
Adson-Brown forceps, 7:8 teeth, 12.5 cm**

20-710-12



**Adson Pinzette, anatomisch, 12 cm /
Adson dressing forceps, anatomical, 12 cm**

20-711-12

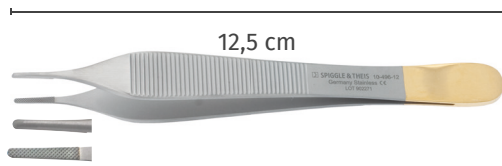


**Adson Pinzette, chirurgisch, 1:2 Zähne, 12 cm /
Adson dressing forceps, 1:2 teeth, 12 cm**

20-712-12

05 Pinzetten

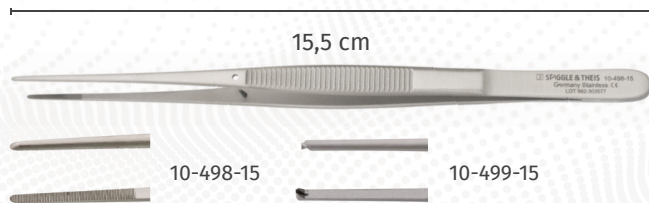
Dressing forceps



Adson Pinzette, Hartmetall, anatomisch, 12,5 cm /
Adson dressing forceps, tungsten carbide, anatomical, 12.5 cm
 10-496-12

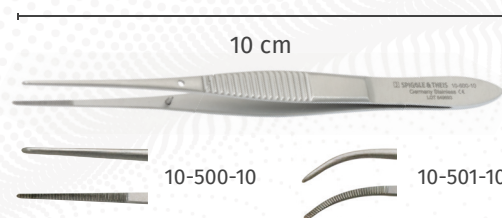


Derlacki Gehörknöchelchen-Pinzette, 7:8 Zähne, 12,5 cm /
Derlacki ossicle holding forceps, 7:8 teeth, 12.5 cm
 10-497-12



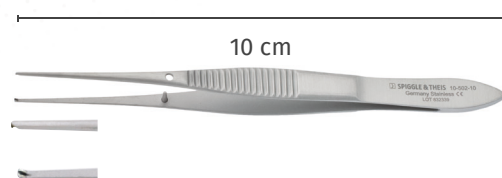
Wullstein Pinzette, gerade, 1 mm, 15,5 cm /
Wullstein dressing forceps, straight, 1 mm, 15.5 cm

Art.-Nr./No.	Beschreibung / Description
10-498-15	anatomisch / anatomical
10-499-15	chirurgisch / 1:2 teeth

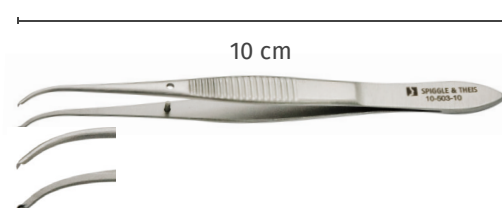


Graefe Pinzette, anatomisch, 0,7 mm, 10 cm /
Graefe dressing forceps, anatomical, 0.7 mm, 10 cm

Art.-Nr./No.	Beschreibung / Description
10-500-10	gerade / straight
10-501-10	gebogen / curved



Graefe Pinzette, chirurgisch, 1:2 Zähne, gerade, 0,7 mm, 10 cm /
Graefe dressing forceps, 1:2 teeth, straight, 0.7 mm, 10 cm
 10-502-10



Graefe Pinzette, chirurgisch, 1:2 Zähne, gebogen, 0,7 mm, 10 cm /
Graefe dressing forceps, 1:2 teeth, curved, 0.7 mm, 10 cm
 10-503-10



05 Ring-Pinzetten

Ring-forceps

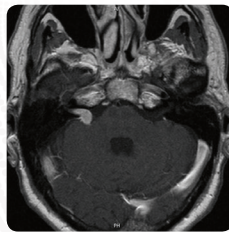


Dr. med. Rainer Zimmermann
Leitender Oberarzt der Universitäts-
HNO-Klinik Tübingen

Dr. Rainer Zimmermann M.D.,
Senior consultant at the ENT
clinic, University of Tübingen

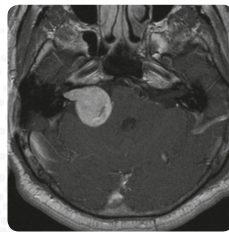
Operative Zugänge zum inneren Gehör- gang, insbesondere auch zur Akustikus- neurinom-Chirurgie, sind meist sehr klein. Häufig vermisst der HNO-Chirurg ein ge- eignetes Instrument, um zum Beispiel beim Fundus des inneren Gehörganges um die "Ecke" greifen zu können. Hierzu eignen sich Ringpinzetten mit verschie- denen Winkeln und verschiedenen Größen, sowohl mit als auch ohne Koagulations- möglichkeit. In der Praxis haben sich die neu konstruierten Pinzetten hervorragend bewährt.

Operative access to the inner ear, particu- larly during acoustic neurinoma surgery is often very small. It would be helpful for the surgeon if, when working in the inner ear canal, he had an instrument with which he can reach around corners. Ring forceps meet this need. They are available in various angles and sizes, as well as with and without coagulation facilities. In practice, the newly constructed ring forceps have proved themselves to be an excellent solution.



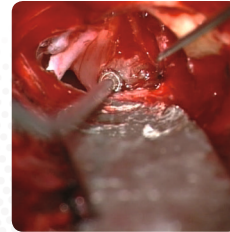
Intra-extrameatales AN links
(Grad II)

Intra-extrameatal AN left
(2nd degree)



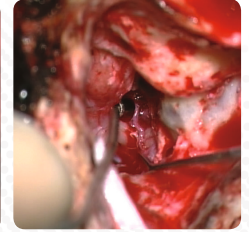
Intra-extrameatales AN rechts
(Grad IV-V)

Intra-extrameatal AN right
(4th - 5th degree)



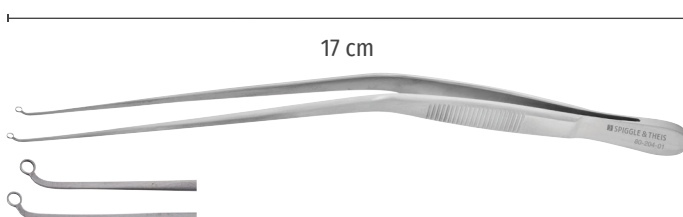
Transtemporale AN-Operation
links

Transtemporal AN surgery
left



Translabrynthäre AN-Operation
rechts

Translabrynthine AN surgery
right



sehr fein, 16 cm / very fine, 16 cm

Art.-Nr./No.	AD / OD (mm)
80-201-01	1,0
80-201-02	2,0
80-201-03	3,0

**Zimmermann Akustikusneurinom,
sehr fein, 16 cm / Zimmermann Acoustic
neurinoma, very fine, 16 cm**

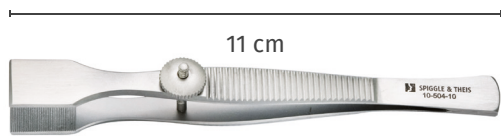
Art.-Nr./No.	Winkel / Angle	AD / OD (mm)
80-202-01	70°-80° aufwärts upwards	1,0
80-202-02	45° aufwärts upwards	2,0

**Zimmermann Akustikusneurinom,
80° aufwärts, AD 2 mm, ID 1 mm, 17 cm /
Zimmermann Acoustic neurinoma,
80° upwards, OD 2 mm, ID 1 mm, 17 cm**

80-204-01

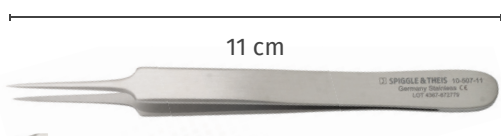
05 Pinzetten

Dressing forceps



**Hildmann Knorpelpinzette, gerade, 11 cm /
Hildmann cartilage forceps, straight, 11 cm**

10-504-10



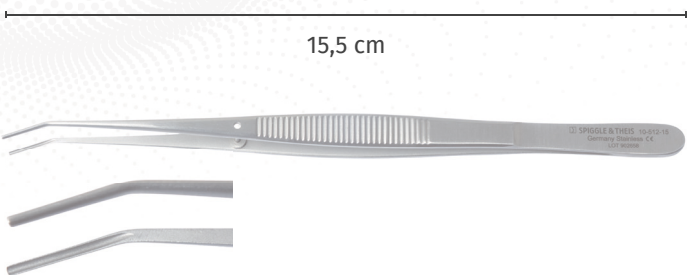
**Uhrmacherpinzette, spitz, 11 cm /
Jeweller forceps, pointed, 11 cm**

10-507-11



**Uhrmacherpinzette, spitz, 14,5 cm /
Jeweller forceps, pointed, 14.5 cm**

10-507-14



**Einführpinzette, gewinkelt, Längsnut, 15,5 cm /
Insertion forceps, angled, longitudinal groove,
15,5 cm**

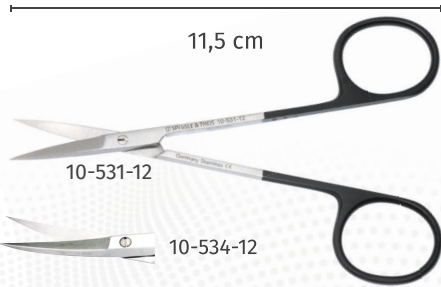
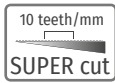
10-512-15





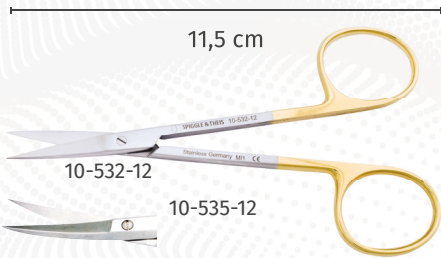
Schere, gerade, spitz-spitz /
Scissors, straight, pointed

Art.-Nr./No.	Länge / Length (cm)	Beschreibung / Description
10-530-10	10,5	sehr fein / very fine
10-530-12	11,5	



Schere, supercut, spitz-spitz, sehr fein, 11,5 cm /
Scissors, supercut, pointed, very delicate, 11.5 cm

Art.-Nr./No.	Beschreibung / Description
10-531-12	gerade / straight
10-534-12	gebogen / curved



Schere, Hartmetall, spitz-spitz, 11,5 cm /
Scissors, tungsten carbide, pointed, 11.5 cm

Art.-Nr./No.	Beschreibung / Description
10-532-12	gerade / straight
10-535-12	gebogen / curved



Schere Black Line, Hartmetall, spitz-spitz, 11,5 cm /
Scissors Black Line, tungsten carbide, pointed, 11.5 cm

Art.-Nr./No.	Beschreibung / Description
10-532-12B	gerade / straight
10-532-12WB	gerade, Wellenschliff / straight, Wavecut
10-535-12B	gebogen / curved
10-535-12WB	gebogen, Wellenschliff / curved, Wavecut



Schere, gebogen, spitz-spitz, extra fein, 10,5 cm /
Scissors, curved, pointed, very fine, 10.5 cm

10-536-10

06 Scheren

Scissors



Schere, gebogen, spitz-spitz /
Scissors, curved, pointed

Art.-Nr./No.	Länge / Length (cm)
10-533-10	10,5
10-533-12	11,5



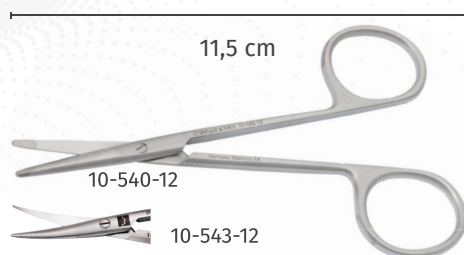
Joseph Schere, spitz-spitz, 14,5 cm /
Joseph scissors, pointed, 14.5 cm

Art.-Nr./No.	Beschreibung / Description
20-600-14	gerade / straight
20-601-14	gebogen / curved



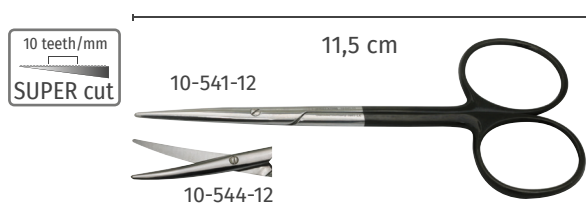
Joseph Schere, Hartmetall, spitz-spitz, 14 cm /
Joseph scissors, tungsten carbide, pointed, 14 cm

Art.-Nr./No.	Beschreibung / Description
20-602-14	gerade / straight
20-603-14	gebogen / curved



Schere, stumpf-stumpf, 11,5 cm /
Scissors, blunt, 11.5 cm

Art.-Nr./No.	Beschreibung / Description
10-540-12	gerade / straight
10-543-12	gebogen / curved



Schere, supercut, stumpf-stumpf, 11,5 cm /
Scissors, supercut, blunt, 11.5 cm

Art.-Nr./No.	Beschreibung / Description
10-541-12	gerade / straight
10-544-12	gebogen / curved



06 Scheren

Scissors



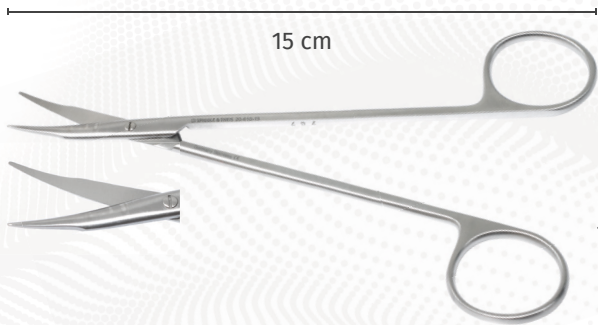
**Schere, Hartmetall, gerade, stumpf-stumpf, 11,5 cm /
Scissors, tungsten carbide, straight, blunt, 11.5 cm**

10-542-12



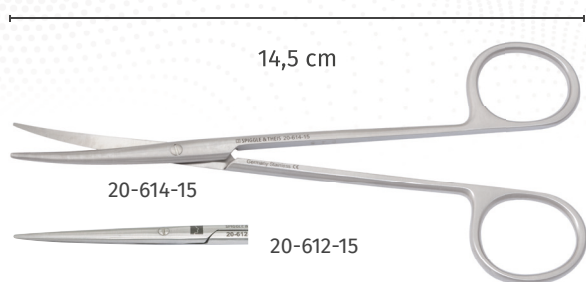
**Baby-Metzenbaum Schere,
Hartmetall, gebogen, stumpf-stumpf, 11,5 cm /
Baby Metzenbaum dissecting scissors,
tungsten carbide, curved, blunt, 11.5 cm**

10-545-12



**Reynolds Schere,
stumpf-stumpf, gebogen, verjüngte Spitzen, 15 cm /
Reynolds scissors,
blunt, curved, tapered tips, 15 cm**

20-610-15



**Metzenbaum Schere, stumpf-stumpf, 14,5 cm /
Metzenbaum scissors, blunt, 14.5 cm**

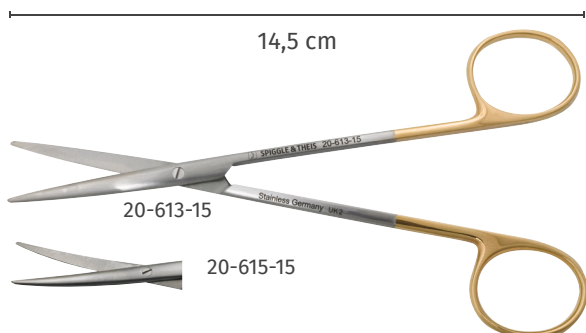
Art.-Nr./No.

Beschreibung / Description

20-612-14 gebogen / curved

20-612-15 gerade / straight

20-614-15 gebogen, fein / curved, fine



**Metzenbaum Schere, Hartmetall, stumpf-stumpf, 14,5 cm /
Metzenbaum scissors, tungsten carbide, blunt, 14.5 cm**

Art.-Nr./No.

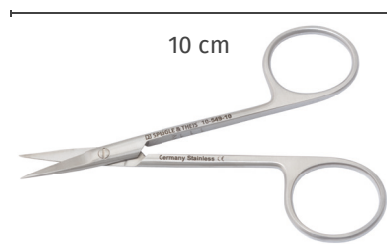
Beschreibung / Description

20-613-15 gerade / straight

20-615-15 gebogen / curved

06 Scheren

Scissors



**Schuknecht Drahtschneidescherchen,
gezahnt, gerade, 10 cm /
Schuknecht wire cutting scissors,
serrated, straight, 10 cm**

10-549-10



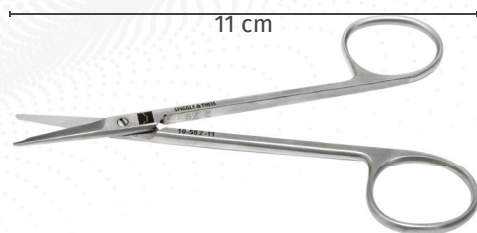
**Universalschere, gebogen, spitz-stumpf, 13 cm /
Universal scissors, curved, pointed-blunt, 13 cm**

10-550-13



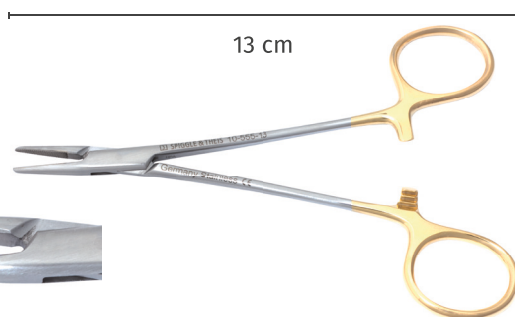
**Cooper-Schere, gebogen, spitz-stumpf, 14,5 cm /
Cooper scissors, curved, pointed-blunt, 14.5 cm**

80-448-15



**Spencer Drahtschneideschere, 11 cm /
Spencer wire cutting scissors, 11 cm**

10-552-11



**Halsey Nadelhalter, Hartmetall, fein, 13 cm /
Halsey needle holder, tungsten carbide, delicate, 13 cm**

Art.-Nr./No.

Beschreibung / Description

10-555-13

10-556-13

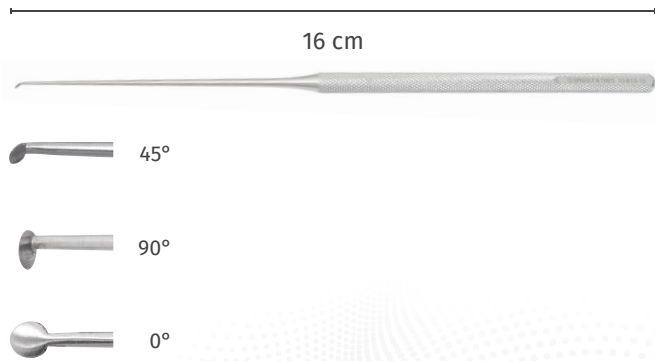
ohne Sperre / without ratchet

Linkshänder-Scheren
auf Anfrage /
Left handed scissors
on request



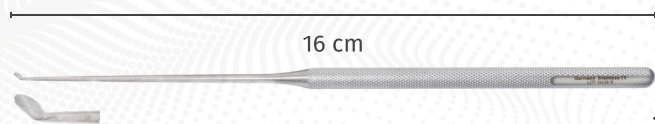
07 Mikrochirurgische Instrumente

Microsurgery Instruments



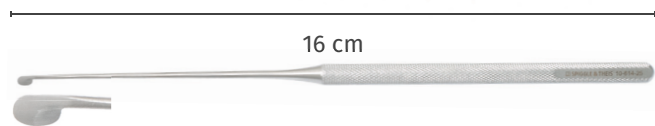
Rosen Rundschnittmesser, 16 cm / Rosen round knife, 16 cm

Art.-Nr./No.	Größe / Size (mm)	Winkel / Angle
10-610-10	1,0	45°
10-610-12	1,2	45°
10-610-15	1,5	45°
10-610-18	1,8	45°
10-610-20	2,0	45°
10-610-23	2,3	45°
10-610-25	2,5	45°
10-610-30	3,0	45°
10-611-06	0,6	90°
10-611-10	1,0	90°
10-611-15	1,5	90°
10-611-20	2,0	90°
10-611-25	2,5	90°
10-612-10	1,0	0°
10-612-15	1,5	0°
10-612-20	2,0	0°
10-612-25	2,5	0°
10-612-30	3,0	0°



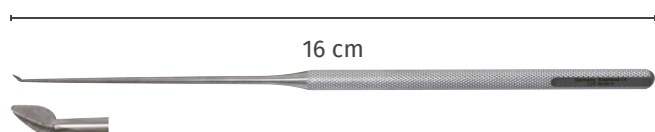
Rosen Raspatorium, oval, 45°, 16 cm / Rosen raspatory, oval, 45°, 16 cm

10-613-00



Plester Rundschnittmesser, vertikal, oval, 3,5 x 2,5 mm, 16 cm / Plester flap knife, vertical, oval, 3,5 x 2,5 mm, 16 cm

10-614-25

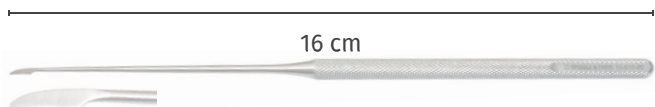


Rosen Lanzettmesser, dreieckig, 45°, 16 cm / Rosen lancet knife, triangular, 45°, 16 cm

10-615-00

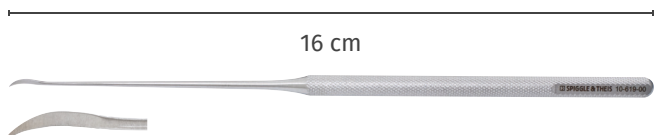
07 Mikrochirurgische Instrumente

Microsurgery Instruments



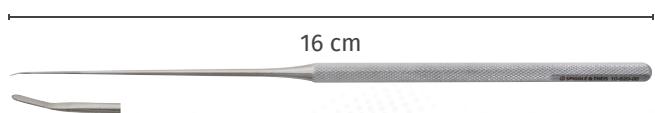
Plester Sichelmesser, gerade, fein, 16 cm /
Plester sickle knife, straight, delicate, 16 cm

10-616-00



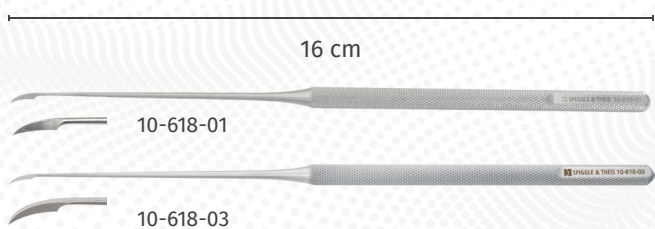
Fisch Tenotom, 16 cm /
Fisch sickle knife, 16 cm

10-619-00



Stapesgelenk-Messer, 2,2 mm, 20°, 16 cm /
Incudostapedial joint knife, 2.2 mm, 20°, 16 cm

10-620-00



Wullstein Sichelmesser, fein, 16 cm /
Wullstein sickle knife, delicate, 16 cm

Art.-Nr./No.

Beschreibung / Description

20-618-01

leicht gebogen / slightly curved

20-618-03

stark gebogen / strongly curved



Wullstein Sichelmesser, leicht gebogen, sehr fein, 16 cm /
Wullstein sickle knife, very delicate, slightly curved, 16 cm

10-618-02



Wullstein Mikronadel, 16 cm /
Wullstein micro needle, 16 cm

Art.-Nr./No.

Beschreibung / Description

10-625-01

gerade, spitz / straight, pointed

10-625-02

sehr leicht gebogen, spitz /
 very slightly curved, pointed

10-625-03

stark gebogen, spitz /
 strongly curved, pointed

10-625-04

leicht gebogen, spitz /
 slightly curved, pointed

10-625-12

sehr leicht gebogen, stumpf /
 very slightly curved, blunt

10-625-01

10-625-02

10-625-03

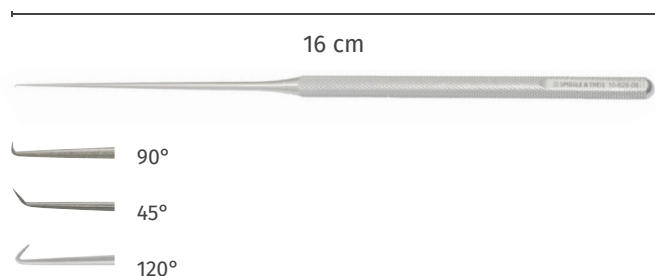
10-625-04

10-625-12



07 Mikrochirurgische Instrumente

Microsurgery Instruments



Wullstein Mikrohäkchen, 16 cm /

Wullstein micro hook, 16 cm

Art.-Nr./No.	Hakenlänge / Length of hook (mm)	Winkel / Angle
10-628-02	0,2	90°
10-628-04	0,4	90°
10-628-05	0,5	90°
10-628-06	0,6	90°
10-628-08	0,8	90°
10-628-10	1,0	90°
10-628-12	1,2	90°
10-628-15	1,5	90°
10-628-20	2,0	90°
10-628-25	2,5	90°
10-628-40	4,0	90°
10-630-02	0,2	45°
10-630-04	0,4	45°
10-630-06	0,6	45°
10-630-08	0,8	45°
10-630-10	1,0	45°
10-630-12	1,2	45°
10-630-15	1,5	45°
10-630-20	2,0	45°
10-630-25	2,5	45°
10-631-18	1,8	120°

Wullstein Mikrohäkchen “Colour Line“, 16 cm

Wullstein Microhook “Colour Line“, 16 cm

Die Verwendung von Etiketten oder Aufklebern zur Kennzeichnung von Instrumenten gilt inzwischen als überholt. Beschriftungsverlust, Klebereste und Hygienrisiken sind nun keine zwangsläufigen Begleitumstände der eindeutigen Instrumentenidentifizierung mehr.

Die Farbcodierung von SPIGGLE & THEIS führt zu einer schnellen und sicheren Identifizierung von Winkel und Länge der Wullstein Mikrohäkchen aus der “Colour Line“-Serie.

The use of labels or stickers for marking instruments is now considered obsolete. Caption loss, adhesive residue and hygiene risks are now no more inevitable concomitants of the unique instrument identification.

The colour coding of SPIGGLE & THEIS leads to a rapid and reliable identification of angle and length of the Wullstein microhook from the “Colour Line“ series.

Eigenschaften der Farbcodierung:

- Biokompatibel
- Sterilisierbar
- Langlebig
- Hitze resistent
- Nicht magnetisch
- Chemie resistent

Characteristics of Colour coding:

- Biocompatible
- Sterilizable
- Long lasting
- Thermal resistance
- NON-magnetic
- Chemical resistance



Schnelle Identifizierung von Winkel und Länge des Häkchens: /

Fast identification of angle and length of the hook:

Farbcodierung grün / Colour coding green = 45°

Farbcodierung rot / Colour coding red = 90°

Längenidentifizierung pro Ring / Length per ring = 0,2 mm

Art.-Nr./No.	Ringe / Rings	Hakenlänge / Length of hook (mm)	Winkel / Angle
10-626-02	1 roter / red	0,2	90°
10-626-04	2 rote / red	0,4	90°
10-626-06	3 rote / red	0,6	90°
10-626-08	4 rote / red	0,8	90°
10-626-10	5 rote / red	1,0	90°
10-627-02	1 grüner / green	0,2	45°
10-627-04	2 grüne / green	0,4	45°
10-627-06	3 grüne / green	0,6	45°
10-627-08	4 grüne / green	0,8	45°



07 Mikrochirurgische Instrumente

Microsurgery Instruments



Prof. Dr. Marco Caversaccio
Chefarzt, Inselspital, HNO-Klinik
der Universität-Bern, Schweiz

Prof. Dr. Marco Caversaccio
Department of ORL, Head and Neck Surgery,
University Inselspital Bern, Switzerland

Die Ausmessung der Perforationsgrösse einer Trommelfellperforation ist essentiell. Durch drei verschiedene Grössen kann das Gewebe optimal zurechtgeschnitten und zur Deckung der Trommelfellperforation eingesetzt werden. In der Praxis haben sich die verschiedenen Tympanosizer sehr bewährt und zu einer qualitativen Verbesserung des zurechtzuschneidenden Gewebes geführt, was auch zu einer Operationszeitreduktion geführt hat.

The measurement of the perforation size of an eardrum perforation is essential. By three different sizes, the tissue can be optimally trimmed and used to cover the eardrum perforation. In practice, the various tympanosizers have proven to be very useful and lead to a qualitative improvement in the tissue to be cut, which has also led to an operation time reduction.



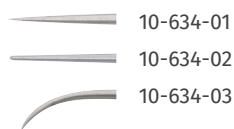
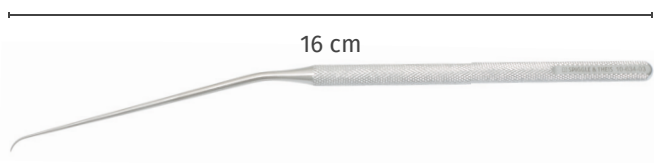
**Caversaccio Tympano Sizer,
kniegebogen, geschwärzt /
Caversaccio Tympano Sizer,
shaft angled, black coated**

Art.-Nr./No.	Größe / Size (mm)
10-609-02 TAN	2,0
10-609-04 TAN	4,0
10-609-06 TAN	6,0



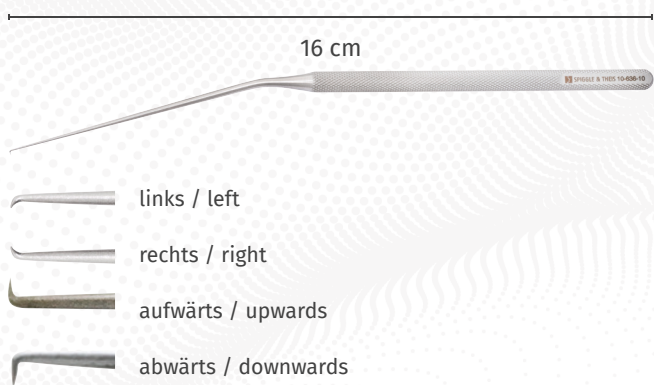
07 Mikrochirurgische Instrumente

Microsurgery Instruments



Schuknecht Mikronadel,
Schaft gewinkelt, Nadel gerade, 16 cm /
Schuknecht micro needle,
shaft angled, straight needle, 16 cm

Art.-Nr./No.	Beschreibung / Description
10-634-01	scharf / sharp
10-634-02	stumpf / blunt
10-634-03	stark abwärts gebogen / strongly curved downwards



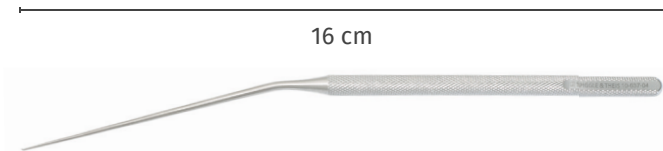
Schuknecht Mikrohäkchen, Schaft kniegebogen, 16 cm /
Schuknecht micro hook, angled shaft, 16 cm

Art.-Nr./No.	Hakenlänge / Length of hook (mm)	Winkel / Angle
10-635-02	0,2	90° aufwärts / upwards
10-635-04	0,4	90° aufwärts / upwards
10-635-06	0,6	90° aufwärts / upwards
10-635-08	0,8	90° aufwärts / upwards
10-635-10	1,0	90° aufwärts / upwards
10-635-12	0,2	90° links / left
10-635-14	0,4	90° links / left
10-635-16	0,6	90° links / left
10-635-18	0,8	90° links / left
10-635-22	0,2	90° rechts / right
10-635-24	0,4	90° rechts / right
10-635-26	0,6	90° rechts / right
10-635-28	0,8	90° rechts / right
10-636-02	0,2	90° abwärts / downwards
10-636-04	0,4	90° abwärts / downwards
10-636-06	0,6	90° abwärts / downwards
10-636-08	0,8	90° abwärts / downwards
10-636-10	1,0	90° abwärts / downwards




07 Mikrochirurgische Instrumente

Microsurgery Instruments



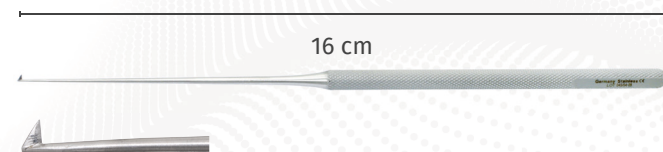
16 cm

 aufwärts / upwards

 abwärts / downwards

Schuknecht Mikrohäkchen, Schaft gewinkelt, 16 cm / Schuknecht micro hook, angled shaft, 16 cm

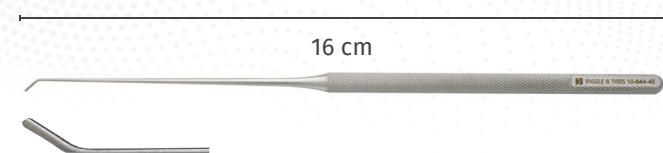
Art.-Nr./No.	Hakenlänge / Length of hook (mm)	Winkel / Angle
10-637-02	0,2	45° aufwärts / upwards
10-637-04	0,4	45° aufwärts / upwards
10-637-06	0,6	45° aufwärts / upwards
10-637-08	0,8	45° aufwärts / upwards
10-637-10	1,0	45° aufwärts / upwards
10-637-62	0,2	45° rechts / right
10-638-02	0,2	45° abwärts / downwards
10-638-04	0,4	45° abwärts / downwards
10-638-06	0,6	45° abwärts / downwards
10-638-08	0,8	45° abwärts / downwards
10-638-10	1,0	45° abwärts / downwards



16 cm

Plester Häkchen retrograd, 2 mm, 16 cm, zum Anrauen des Trommelfells / Plester hook, retrograde, 2 mm, 16 cm, to abrade the tympanic membrane

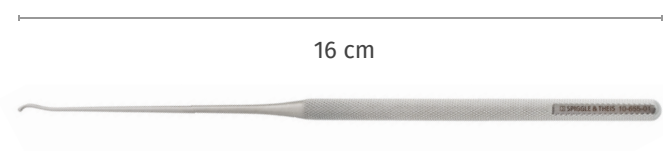
10-640-00



16 cm

Plester Antrümhäkchen, 4 mm, stumpfes Ende, 16 cm / Plester antrum hook, 4 mm, blunt tip, 16 cm

Art.-Nr./No.	Winkel / Angle
10-644-45	45°
10-644-90	90°



16 cm

Fisch Dissektor, doppelt gebogen, 16 cm / Fisch dissector, double curved, 16 cm

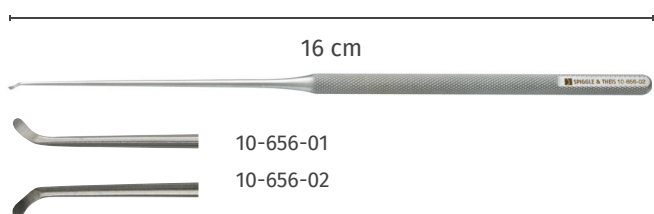
Art.-Nr./No.	Winkel / Angle
10-655-01	rechts / right
10-655-02	links / left

 10-655-01

 10-655-02

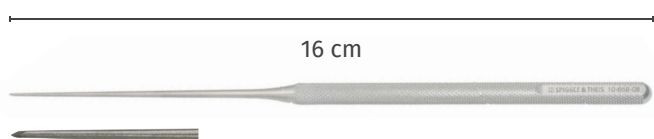
07 Mikrochirurgische Instrumente

Microsurgery Instruments



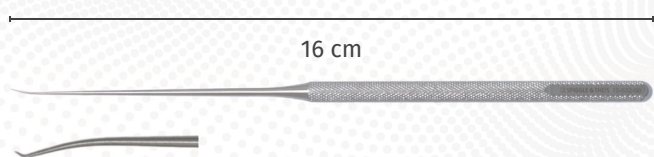
**Fisch Dissektor, einfach gebogen, 16 cm /
Fisch dissector, single curved, 16 cm**

Art.-Nr./No.	Winkel / Angle
10-656-01	rechts / right
10-656-02	links / left



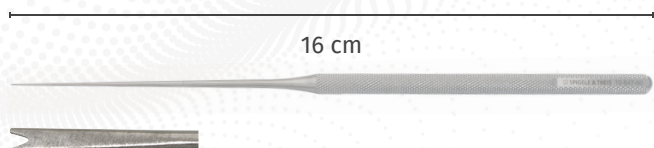
**Fisch Fußplatten-Perforator, 16 cm /
Fisch footplate perforator, 16 cm**

Art.-Nr./No.	AD / OD (mm)
10-658-03	0,3
10-658-04	0,4
10-658-05	0,5
10-658-06	0,6
10-658-08	0,8



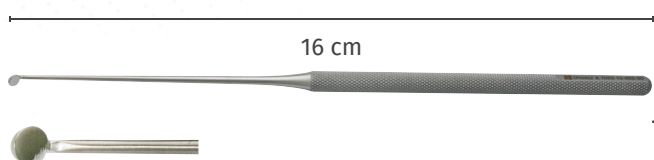
**Zenner Fußplattenhäkchen, 45°, 0,6 mm, gebogener Schaft, 16 cm /
Zenner footplate hook, 45°, 0.6 mm, curved shaft, 16 cm**

10-632-00



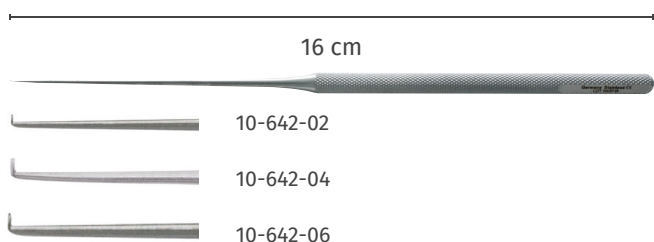
**Plester Einführungsgabel für Stapes-Prothesen, 16 cm /
Plester guiding fork for stapes prostheses, 16 cm**

10-647-00



**Paukenspiegel, 3 mm, 16 cm /
Atticus mirror, 3 mm, 16 cm**

10-662-30



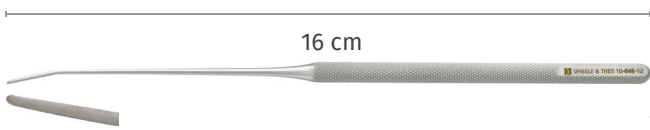
**Plester Fußplattenhäkchen, 16 cm /
Plester footplate hook, 16 cm**

Art.-Nr./No.	Hakenlänge / Length of hook (mm)
10-642-02	0,2
10-642-04	0,4
10-642-06	0,6



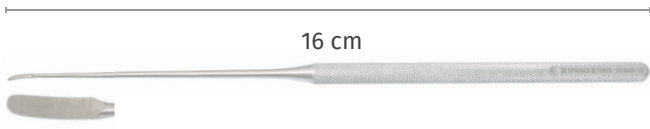
07 Mikrochirurgische Instrumente

Microsurgery Instruments



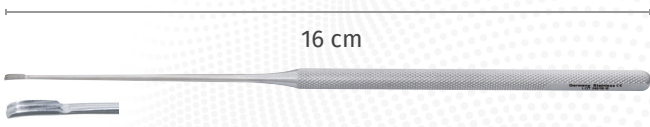
Rosen Raspatorium, 1 x 12 mm, 16 cm /
Rosen raspatory, 1 x 12 mm, 16 cm

10-648-12



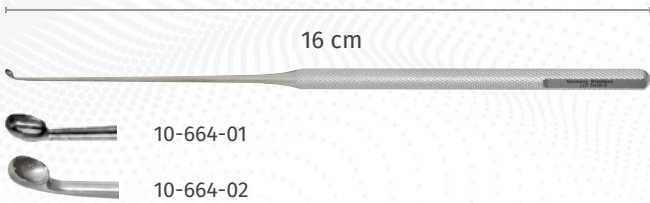
Beales Elevatorium, 1,8 x 8 mm, 16 cm /
Beales elevator, 1,8 x 8 mm, 16 cm

10-649-18



Mikro-Ritz-Instrument zur Anthelix-Plastik,
leicht gebogen, 1,5 x 5 mm, 3 konkave Schneiden, 16 cm /
Micro scratching instrument for anthelixplasty,
slightly curved, 1,5 x 5 mm, 3 concave blades, 16 cm

10-663-01

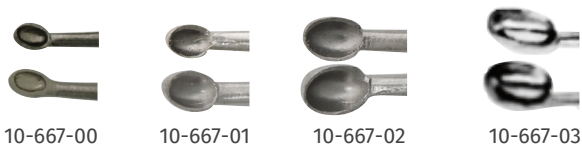


Mikrolöffel, oval, 1,5 x 2,5 mm, 16 cm /
Curette, oval cup, 1,5 x 2,5 mm, 16 cm

Art.-Nr./No.	Schaft / Shaft	Winkel / Angle
10-664-01	gerade / straight	gerade / straight
10-664-02	gerade / straight	45°
10-664-03	gewinkelt / angled	gerade / straight
10-664-04	gewinkelt / angled	45°



House Doppellöffel, leicht gebogen, 17 cm /
House curette, double ended, slightly curved, 17 cm



Art.-Nr./No.	Größe / Size (mm)
10-667-00	1,0 x 1,6 / 1,2 x 2,0 (Gr. / Sz. 0)
10-667-01	1,5 x 2,5 / 1,8 x 2,8 (Gr. / Sz. 1)
10-667-02	2,2 x 3,0 / 2,5 x 3,2 (Gr. / Sz. 2)
10-667-03	2,6 x 3,2 / 2,8 x 3,5 (Gr. / Sz. 3)

07 Mikrochirurgische Instrumente

Microsurgery Instruments

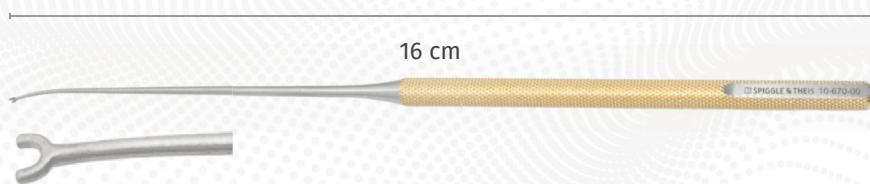


Prof. Dr. med. Serena Preyer
Chefärztin der HNO-Klinik des
Diakonissenkrankenhauses Karlsruhe

Prof. Dr. med. Serena Preyer
Chief physician of the ENT Clinic
Deaconess Hospital, Karlsruhe

Mit der Verwendung der neuen superelastischen Nitinol/PTFE-Stapes-Prothesen entfällt bei der Stapesplastik der kritische Operationsschritt des Crimpens des Flachband-Hakens am langen Ambossfortsatz. Da der Durchmesser des langen Ambossfortsatzes eine große Variabilität aufweist, stehen neben der Standard-Prothese mit einem Flachband-Haken Durchmesser von 0,7 +/- 0,1 mm auch Prothesen mit kleinerem und größerem Haken zur Verfügung. Die Ambossgabel, mit einem Durchmesser von 0,7 mm, kann intraoperativ über den Ambossfortsatz geschoben werden und hilft bei der Wahl der erforderlichen Flachband-Haken Größe.

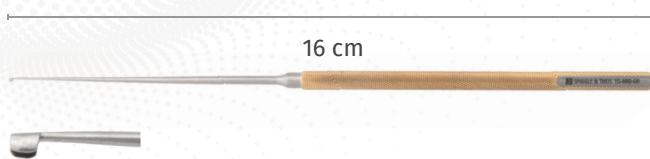
When the new super-elastic Nitinol/PTFE Stapes prostheses are used, it is no longer necessary to carry out the critical phase in stapes surgery whereby the hook of the prosthesis has to be crimped onto the long incus process. The diameter of the long incus process is extremely variable and there is a whole range of prostheses available, from the standard sizes, with hooks of 0.7mm ± 0.1mm, to those with smaller or larger hooks. The incus fork has a diameter of 0.7mm, during the operation it can be eased over the incus process to help establish which hook size is required.



16 cm

Preyer Ambossgabel / Preyer Incus fork

10-670-00



16 cm

**Müller Einführungsinstrument
für Cochlea Implantate, gerade, vergoldeter Griff, 16 cm /
Müller insertion fork for cochlea implants,
straight, gold plated handle, 16 cm**

10-660-00



Tisch Mikrolöffel / Tisch micro curette



Art.-Nr./No.	Größe / Size (mm)	Winkel / Angle
10-665-00	universal	Handgriff / handle
10-665-01	(1) 1,5 x 2,3	gerade / straight
10-665-02	(2) 2,0 x 3,5	gerade / straight
10-665-03	(3) 3,0 x 5,0	gerade / straight
10-665-04	(1) 1,5 x 2,3	15° gewinkelt / angled
10-665-05	(2) 2,0 x 3,5	15° gewinkelt / angled
10-665-06	(3) 3,0 x 5,0	15° gewinkelt / angled



07a Titan Instrumente nach Prof. Wollenberg

Prof. Wollenberg Titanium Instruments

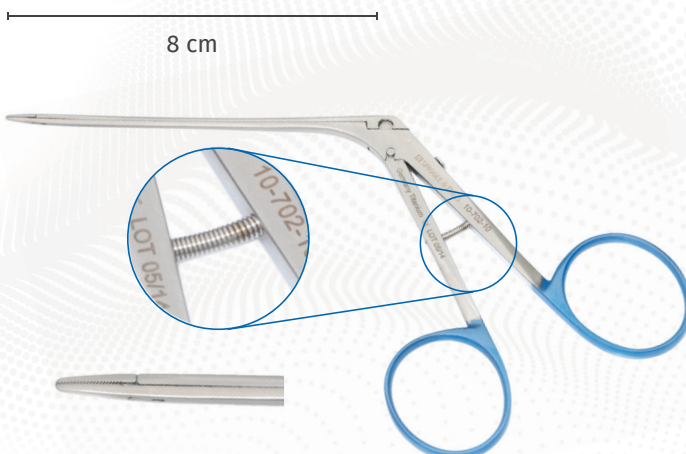


Prof. Dr. med. Barbara Wollenberg
Direktorin der Universität
HNO Klinik Lübeck

Prof. Dr. med. Barbara Wollenberg,
Director of the University ENT Clinic,
Lübeck

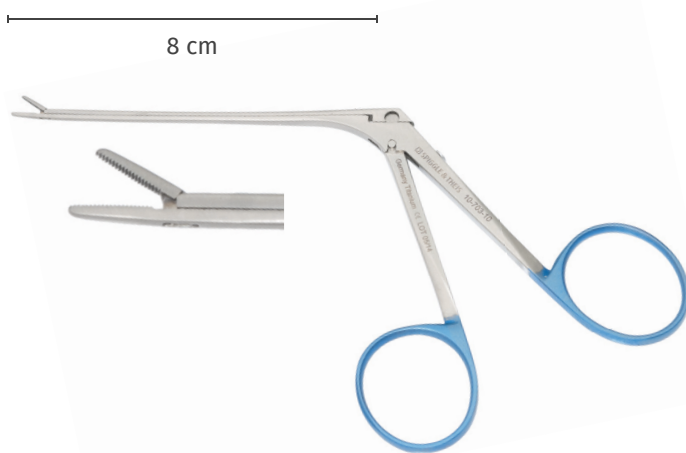
Die Implantation der Vibrant Soundbridge (VSB) hat sich in der Therapie der sensorineuralen und der kombinierten Schwerhörigkeiten in z.B. voroperierten Ohren oder bei komplexeren Missbildungen des Mittelohres bewährt. Die Ankopplung der VSB an die vorhandenen anatomischen Strukturen kann durch den Einsatz nicht magnetischer Titan Instrumente erheblich erleichtert werden. Mithilfe der vorgestellten Instrumente, die frequent bei solchen Operationen zum Einsatz kommen, kann die VSB leicht positioniert werden und wird nicht mehr versehentlich von magnetischer Geisterhand bewegt.

Vibrant Soundbridge (VSB) implantation is well established in the surgical treatment of sensorineural as well as combined hearing loss in eg revision middle ear surgery or complex atresia cases. Coupling the VSB to existing anatomical structures can be greatly facilitated using non magnetic Titanium instruments. With the help of the presented instruments frequently used during such operations, the VSB can be easily positioned and will no longer be displaced by a magnetic ghost hand.



**Hartmann Ohrzängchen,
Titan, blau, gerieft, gerade, fein,
selbstschließend, 8 cm /
Hartmann ear forceps,
titanium, blue, serrated, delicate, straight,
self closing, 8 cm**

Art.-Nr./No.	Größe / Size (mm)
10-702-10	0,6 x 6
10-702-11	1,0 x 6

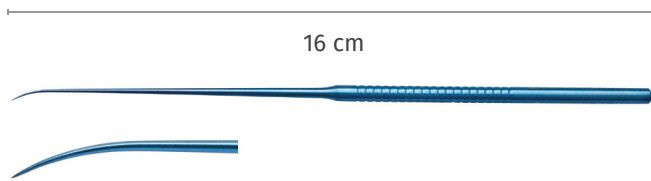


**Hartmann Ohrzängchen,
Titan, blau, gerieft, gerade, fein,
0,6 x 6 mm, 8 cm /
Hartmann ear forceps,
titanium, blue, serrated, straight, fine,
0.6 x 6 mm, 8 cm**

10-703-10

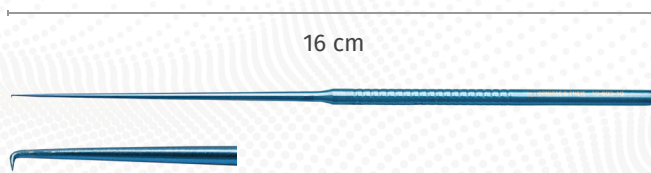
07a Titan Instrumente nach Prof. Wollenberg

Prof. Wollenberg Titanium Instruments



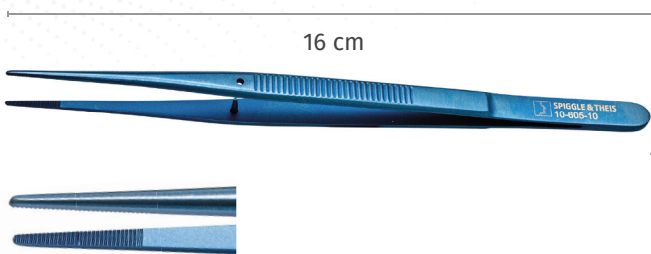
Mikro-Nadel,
Titan, blau, nicht magnetisch, 16 cm /
Micro needle,
titanium, blue, non-magnetic, 16 cm

Art.-Nr./No.	Beschreibung / Description
10-600-00	kurze Biegung, leicht gebogen / short curve, slightly curved
10-601-00	lange Biegung, sehr leicht gebogen / long curve, very slightly curved



Mikro-Häkchen,
Titan, blau, scharf, nicht magnetisch, 1 mm, 16 cm /
Micro hook,
titanium, blue, sharp, non-magnetic, 1 mm, 16 cm

Art.-Nr./No.	Winkel / Angle
10-603-10	90°
10-604-10	45°



Mikro-Pinzette,
Titan, blau, anatomisch, nicht magnetisch, 1 mm, 15 cm /
Micro forceps,
titanium, blue, anatomical, non-magnetic, 1 mm, 15 cm

10-605-10



07b Endoskopische/Mikroskopische Instrumente nach Prof. Panetti

Endoscopic/Microscopic Instruments by Prof. Panetti



Prof. Giuseppe Panetti, Neapel / Naples

Jedes Instrument besitzt einen Saugkanal mit Sogregulierung im Handstück. Die Arbeitsteile der Instrumente entsprechen in Form und Funktion denen klassischer Schneidinstrumente für die Mittelohrchirurgie. Die Saugfunktion ermöglicht gleichzeitiges Schneiden und Absaugen mit nur einem Instrument. Durch die Saugkraft des Instruments wird die Effizienz deutlich erhöht. Das Beschlagen der Optik wird deutlich verringert, Gewebeablagerungen an der Endoskopspitze können leicht mit Kochsalzlösung entfernt werden.

Each instrument has a suction duct with control hole on the hand piece; Despite being newly developed the tips of the instruments are the tried and tested forms classically used in middle ear dissection. The suction function enables simultaneous suction and dissection. Dissection is more effective when supported by the suction facility. Any otoendoscopic fogging or blood stains around the tip of the endoscope can be easily removed by rinsing with a hydro-saline solution. This presents a clear operating field, without interrupting the surgical procedure.

Vorteile der Endoskopischen/Mikroskopischen Instrumente Prof. Panetti:

- Vereinfacht das Entfernen versteckter Cholesteatome
- Spart Zeit
- Weniger traumatisch für den Patienten
- Präparieren und Schneiden bei gleichzeitiger, integrierter Absaugung
- Effektive Sogsteuerung

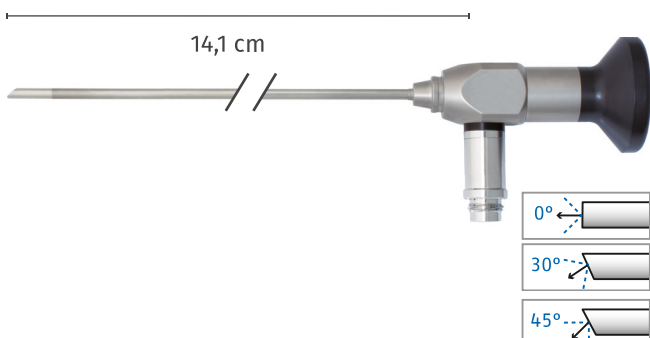
Advantages of the Endoscopic/Microscopic Instruments Prof. Panetti:

- Enables easier removal of residual cholesteatoma
- Saves time
- Less traumatic for the patient
- Dissection and preparation with concurrent suction
- Effective suction control



Otoskop, Großbild, HD, 3 mm, 30°
(wahlweise 0°, 45° oder 70°), 11 cm /
Otoscope, large picture, HD, 3 mm, 30°
(optional 0°, 45° or 70°), 11 cm

Art.-Nr./No.	Winkel / Angle
10-109-00	0°
10-109-30	30°
10-109-45	45°
10-109-70	70°

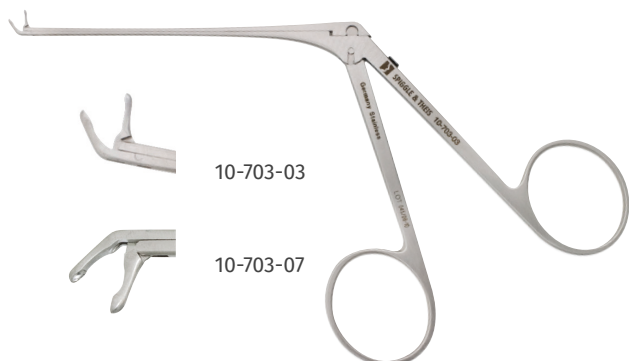


Otoskop, HD, Großbild, autoklavierbar, AD 3 mm, 14,1 cm /
Otoscope, HD, large picture, autoclavable, OD 3 mm, 14.1 cm

Art.-Nr./No.	Winkel / Angle
10-190-00	0°
10-190-30	30°
10-190-45	45°

07b Endoskopische/Mikroskopische Instrumente nach Prof. Panetti

Endoscopic/Microscopic Instruments by Prof. Panetti



10-703-03

10-703-07

Mikro-Ohrzängchen, ovale Löffel, fein, 0,8 x 1,3 mm, 8 cm /
Micro ear forceps, oval cups, fine, 0.8 x 1.3 mm, 8 cm

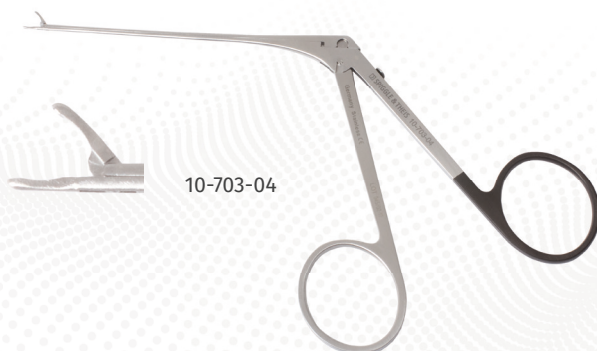
Art.-Nr./No.

10-703-03

aufwärts gebogen / curved upwards

10-703-07

abwärts gebogen / curved downwards



10-703-04

Mikro-Ohrzängchen,
ovale Löffel, gerade, extrafein, 0,5 x 1,0 mm, 8 cm /
Micro ear forceps,
oval cups, straight, extrafine, 0.5 x 1.0 mm, 8 cm

10-703-10



Saug-Sichelmesser für Akustikus-Neurinom, gebogen, Luer-Lock, 17 cm /
Suction sickle knife for acoustic neuroma, curved, Luer-Lock, 17 cm

10-830-17



Saug-Kürette für Akustikus-Neurinom, gebogen, Luer-Lock, 17 cm /
Suction curette for acoustic neuroma, curved, Luer-Lock, 17 cm

10-831-17



Saug-Dissektor für Akustikus-Neurinom, links gebogen, Luer-Lock, 17 cm /
Suction dissector for acoustic neuroma, left curved, Luer-Lock, 17 cm

10-832-17





Saug-Dissektor für Akustikus-Neurinom, rechts gebogen, Luer-Lock, 17 cm /
Suction dissector for acoustic neuroma, right curved, Luer-Lock, 17 cm



10-833-17








07b Endoskopische/Mikroskopische Instrumente nach Prof. Panetti

Endoscopic/Microscopic Instruments by Prof. Panetti

		Saug-Dissektor für Trommelfell, einfach gebogen, 3 mm, 13 cm, Luer-Lock / Suction dissector for ear drum, single curved, 3 mm, 13 cm, Luer-Lock	
10-800-12			
10-801-12			
		Art.-Nr./No.	Richtung / Direction
		10-800-12	links / left
		10-801-12	rechts / right

		Saug-Dissektor für Sinus Tympani, doppelt gebogen, 6 mm, 13 cm, Luer-Lock / Suction dissector for sinus tympani, double curved, 6 mm, 13 cm, Luer-Lock	
10-802-12			
10-803-12			
		Art.-Nr./No.	Richtung / Direction
		10-802-12	rückwärts links / backward left
		10-803-12	rückwärts rechts / backward right

		Saug-Dissektor für Attik, doppelt gebogen, 6 mm, 13 cm, Luer-Lock / Suction dissector for atticus, double curved, 6 mm, 13 cm, Luer-Lock	
10-804-12			
10-805-12			
		Art.-Nr./No.	Richtung / Direction
		10-804-12	vorwärts links / forward left
		10-805-12	vorwärts rechts / forward right

		Saug-Mikrohäkchen, 45°, 13 cm, Luer-Lock / Suction micro hook, 45°, 13 cm, Luer-Lock	
10-806-12			
10-867-12			
10-807-12			
		Art.-Nr./No.	Haken / Hook (mm)
		10-806-12	1,0
		10-867-12	1,5
		10-807-12	2,0



Maßstab / scale 1:1 (13 cm Länge)

07b Endoskopische/Mikroskopische Instrumente nach Prof. Panetti

Endoscopic/Microscopic Instruments by Prof. Panetti

Saug-Rundschnittmesser, 45°, 13 cm, Luer-Lock / Suction separator, 45°, 13 cm, Luer-Lock

	Art.-Nr./ No.	Größe / Size (mm)	Beschreibung / Description
10-808-12	10-808-12	2,5	Saugöffnung innen / suction inner side
10-809-12	10-809-12	2,0	Saugöffnung außen / suction outer side
10-811-12	10-811-12	2,5	Saugöffnung außen / suction outer side

Saug-Messer, oval, 13 cm, Luer-Lock / Suction knife, oval, 13 cm, Luer-Lock

	Art.-Nr./No.	Beschreibung / Description
10-810-12	10-810-12	seitliche Öffnung links / lateral opening left
10-812-12	10-812-12	seitliche Öffnung rechts / lateral opening right

Saug-Dissektor für Trommelfell, einfach gebogen, sehr fein, 13 cm, Luer-Lock / Suction dissector for ear drum, single curved, very delicate, 13 cm, Luer-Lock

	Art.-Nr./No.	Beschreibung / Description
10-813-12	10-813-12	seitliche Öffnung links / lateral opening left side
10-814-12	10-814-12	seitliche Öffnung rechts / lateral opening right side

Saug-Sichelmesser, gebogen, 13 cm, Luer-Lock / Suction sickle knife, curved, 13 cm, Luer-Lock

10-815-12

Saug-Kürette, gebogen, 13 cm, Luer-Lock / Suction curette, curved, 13 cm, Luer-Lock

10-816-12



07b Endoskopische/Mikroskopische Instrumente nach Prof. Panetti

Endoscopic/Microscopic Instruments by Prof. Panetti

10-817-12

10-818-12



Saug-Dissektor, stumpf, 13 cm, Luer-Lock /
Suction dissector, blunt, 13 cm, Luer-Lock

Art.-Nr./No.

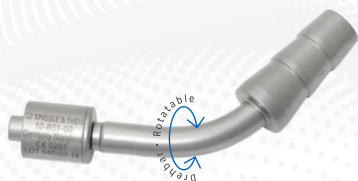
10-817-12 links aufgebogen / upcurved left

10-818-12 rechts aufgebogen / upcurved right



Preyer Saug-Finder, stumpf, 13 cm, Luer-Lock /
Preyer Suction finder, blunt, 13 cm, Luer-Lock

10-819-12



Saugadapter, drehbar, 55° gebogen,
Luer-Lock männlich, Schlauchansatz /
Suction adapter, rotatable, 55° curved,
luer-lock male, hose connector

10-851-00



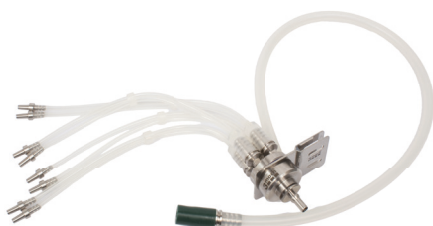
System-Siebkorb für Panetti-Instrumentarium /
System Screen Basket for Panetti Instruments

Art.-Nr./No.

10-840-01

10-841-01

klein / small

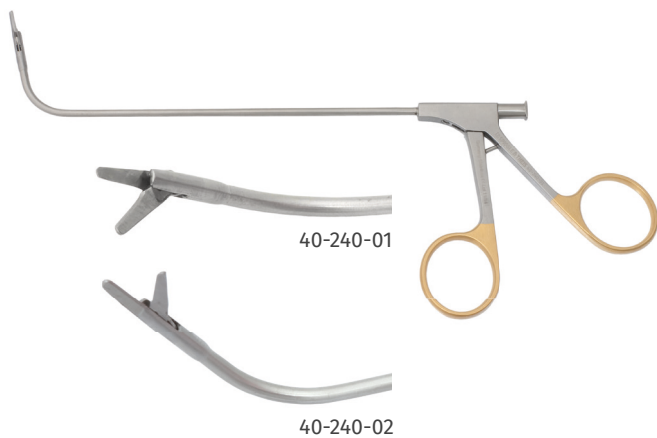


Spülkomponente für System-Siebkorb Panetti-Instrumentarium /
Irrigation component for System Screen Basket Panetti Instruments

10-845-01

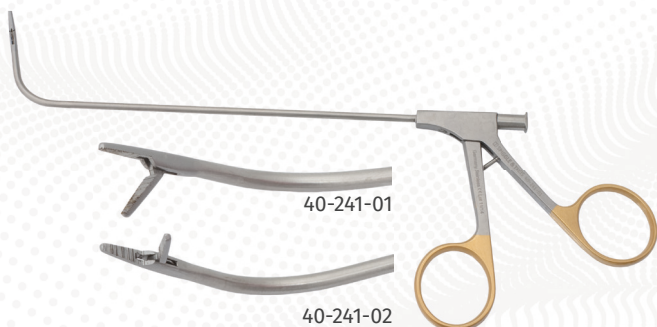
07c Tubeninstrumentarium

Instruments for the tuba Eustachii



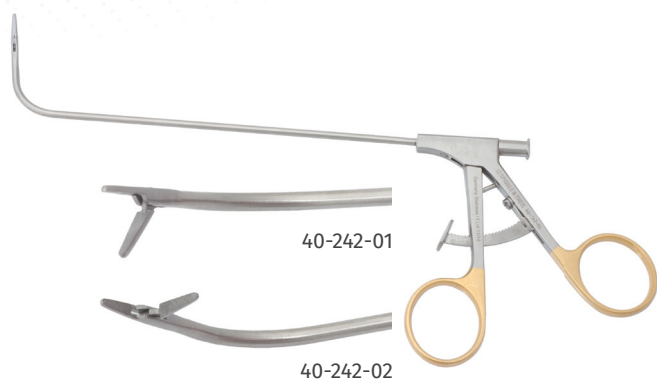
**Tubalstruments Schere,
85° aufgebogen, Griff vergoldet, 15 cm /
Tubalstruments scissors,
85° curved, gold plated grip, 15 cm**

Art.-Nr./No.	Beschreibung / Description
40-240-01	horizontal / horizontal
40-240-02	vertikal / vertical



**Tubalstruments Fassungzange,
85° aufgebogen, Griff vergoldet, 15 cm /
Tubalstruments forceps,
85° curved, gold plated grip, 15 cm**

Art.-Nr./No.	Beschreibung / Description
40-241-01	horizontal / horizontal
40-241-02	vertikal / vertical



**Tubalstruments Nadelhalter,
85° aufgebogen, gerieft, Griff vergoldet, 15 cm /
Tubalstruments needle holder,
85° curved, serrated, gold plated grip, 15 cm**

Art.-Nr./No.	Beschreibung / Description
40-242-01	horizontal / horizontal
40-242-02	vertikal / vertical



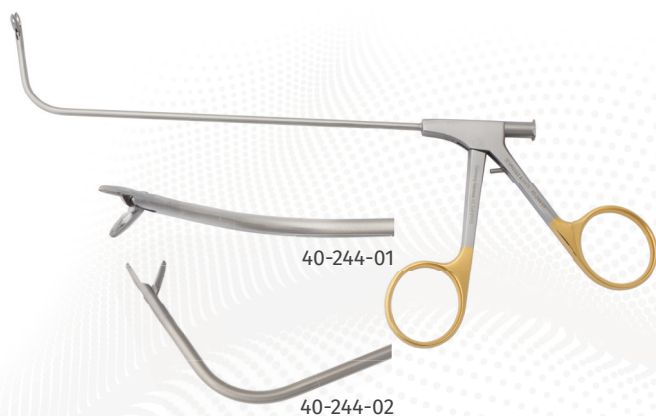
07c Tubeninstrumentarium

Instruments for the tuba Eustachii



TubalInstruments Sauger,
85° aufgebogen, Olive, 17 cm /
TubalInstruments suction tube,
85° curved, rounded tip, 17 cm

40-243-00



TubalInstruments Blakesley,
85° aufgebogen, 2,5 mm, Griff vergoldet, 15 cm /
TubalInstruments Blakesley,
85° curved, 2.5 mm, gold plated grip, 15 cm

Art.-Nr./No.	Beschreibung / Description
40-244-01	horizontal / horizontal
40-244-02	vertikal / vertical



TubalInstruments Löffelzange,
85° aufwärts gebogen, 2,5 mm, Griff vergoldet,
15 cm /
TubalInstruments, oval cups,
85° upwards curved, 2.5 mm, gold plated grip,
15 cm

Art.-Nr./No.	Beschreibung / Description
40-245-01	horizontal / horizontal
40-245-02	vertikal / vertical

08 Ohrzängchen

Ear forceps

Unsere Ohrzängchen werden in drei unterschiedlichen Ausführungen angeboten. Um sie leichter unterscheiden zu können, wurden sie wie folgt markiert:

Beide Griffe blank: fein (1,8 mm) - ein Griff geschwärzt: extrafein (1,5 mm) - beide Griffe geschwärzt: superfein (1,3 mm).

Alle Ohrzängchen sind zur besseren Reinigung zerlegbar.

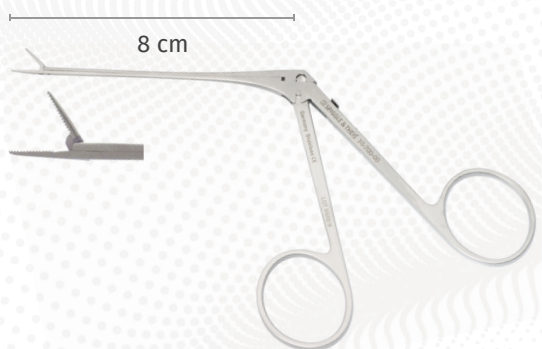
Our ear forceps are available in three different models. For ease of recognition they are marked as follows:

delicate (both grips are shiny, 1.8 mm), extra delicate (one grip is blackened, 1.5 mm) and super delicate (both grips are blackened, 1.3 mm). All our ear forceps are dismountable for cleaning purposes.



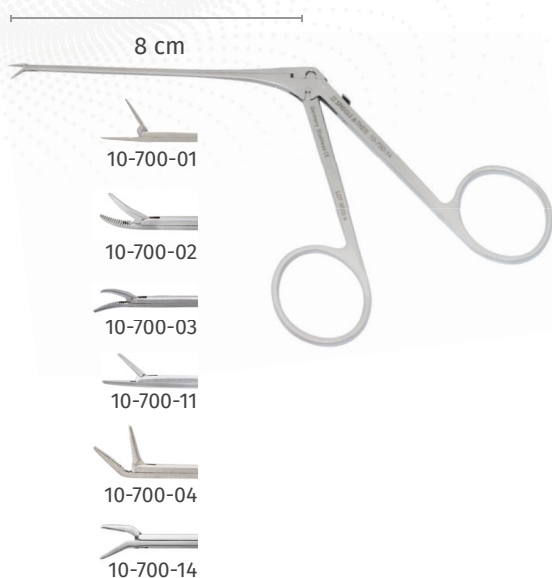
**Hartmann Ohrzängchen,
gerieft, gerade, fein, 0,8 x 6 mm, 8 cm /
Hartmann ear forceps,
serrated, delicate, straight, 0.8 x 6 mm, 8 cm**

10-276-02



**Hartmann Ohrzängchen,
gerieft, gerade, fein, 0,8 x 7 mm, 8 cm /
Hartmann ear forceps,
serrated, delicate, straight, 0.8 x 7 mm, 8 cm**

10-700-00



**Hartmann Ohrzängchen, fein, 0,8 x 4 mm, 8 cm /
Hartmann ear forceps, delicate, 0.8 x 4 mm, 8 cm**

Art.-Nr./No.	Beschreibung / Description
10-700-01	gerade, gerieft / straight, serrated
10-700-11	gerade, glatt / straight, smooth
10-700-02	rechts gebogen, gerieft / curved right, serrated
10-700-03	links gebogen, gerieft / curved left, serrated
10-700-04	aufwärts gebogen, gerieft / curved upwards, serrated
10-700-08	rechts, gerieft, horizontal öffnend / right, serrated, horizontally open
10-700-09	links, gerieft, horizontal öffnend / left, serrated, horizontally open
10-700-14	abwärts gebogen, gerieft / curved downwards, serrated



08 Ohrzängchen

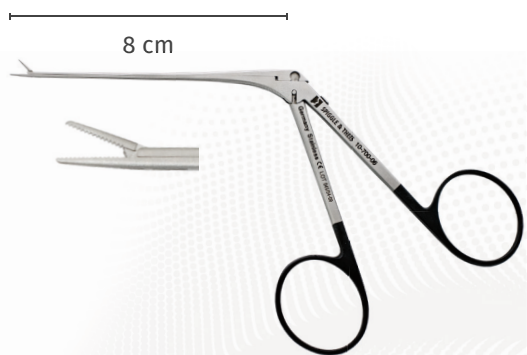
Ear forceps



**Hartmann Ohrzängchen,
gerieft, extrafein, gerade, 0,6 x 4 mm,
Schafthöhe 1,5 mm, 8 cm /**

**Hartmann ear forceps,
serrated, extra delicate, straight, 0.6 x 4 mm,
shaft height 1.5 mm, 8 cm**

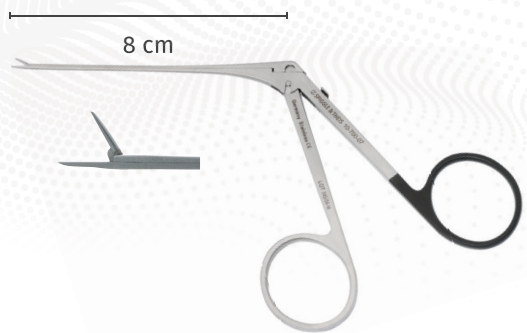
10-700-05



**Hartmann Ohrzängchen,
gerieft, superfine, gerade, 0,6 x 4 mm, Schafthöhe 1,3 mm, 8 cm /**

**Hartmann ear forceps,
serrated, super delicate, straight, 0.6 x 4 mm, shaft height 1.3 mm, 8 cm**

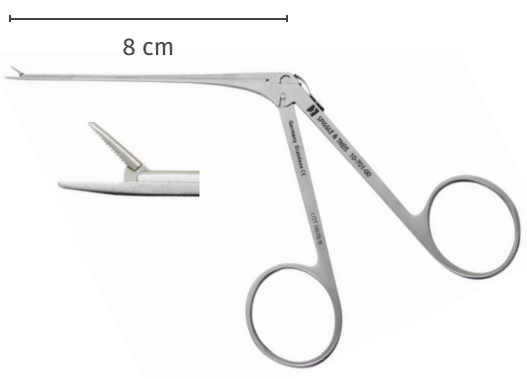
10-700-06



**Fisch Ohrzängchen,
extrafein, glatt, 0,6 x 3,5 mm, 8 cm /**

**Fisch ear forceps,
extra delicate, smooth, 0.6 x 3.5 mm, 8 cm**

10-700-07



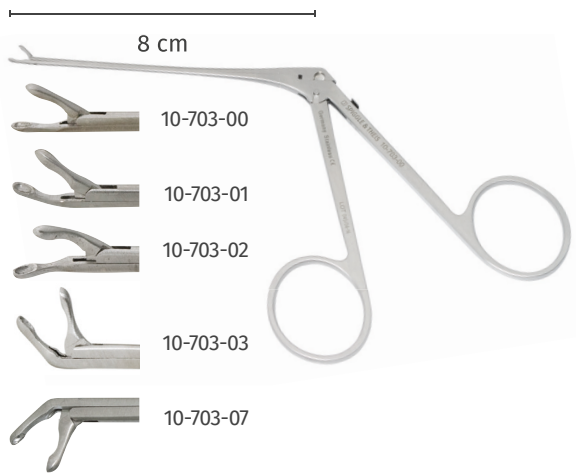
**Hartmann Ohrzängchen,
gerieft, gerade, fein, selbst schließend, 0,8 x 4 mm, 8 cm /**

**Hartmann ear forceps,
serrated, delicate, straight, self closing, 0.8 x 4 mm, 8 cm**

10-701-00

08 Ohrzängchen

Ear forceps



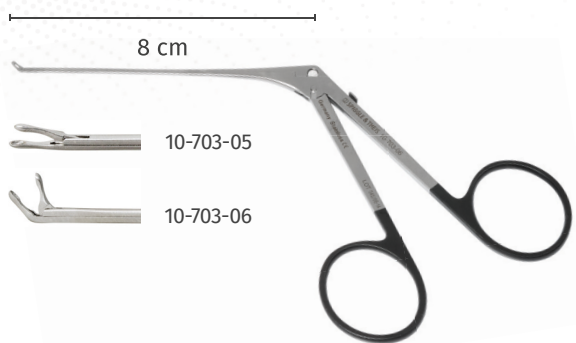
**Mikro Ohrzängchen,
ovale Löffel, fein, 0,8 x 1,3 mm, 8 cm /
Micro ear forceps,
oval cups, delicate, 0.8 x 1.3 mm, 8 cm**

Art.-Nr./No.	Beschreibung / Description
10-703-00	gerade / straight
10-703-01	rechts gebogen / curved right
10-703-02	links gebogen / curved left
10-703-03	aufwärts gebogen / curved upwards
10-703-07	abwärts gebogen / curved downwards



**Mikro Ohrzängchen,
ovale Löffel, gerade, extrafein, 0,5 x 1 mm, 8 cm /
Micro ear forceps,
oval cups, straight, super delicate, 0.5 x 1 mm, 8 cm**

10-703-04



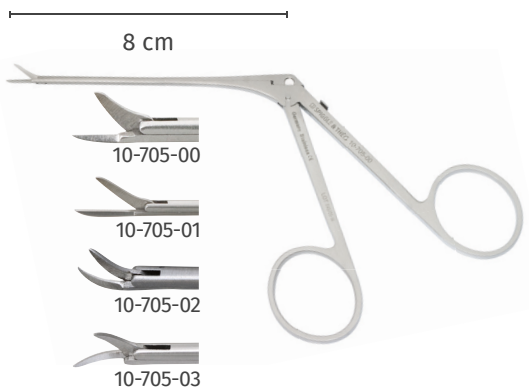
**Mikro Ohrzängchen,
superfein, ovale Löffel, 0,5 x 1 mm, 8 cm /
Micro ear forceps,
super delicate, oval cups, 0.5 x 1 mm, 8 cm**

Art.-Nr./No.	Beschreibung / Description
10-703-05	gerade / straight
10-703-06	aufwärts gebogen / curved upwards



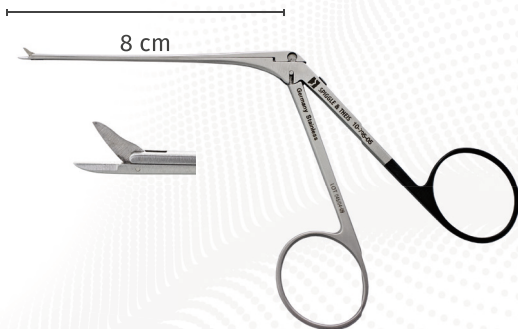
08 Ohrzängchen

Ear forceps



**Bellucci Ohrscherchen, fein, 8 cm /
Bellucci ear scissors, delicate, 8 cm**

Art.-Nr./ No.	Größe / Size (mm)	Beschreibung / Description
10-705-00	8	gerade / straight
10-705-01	4	gerade / straight
10-705-02	4	rechts gebogen / curved right
10-705-03	4	links gebogen / curved left
10-705-04	4	aufwärts gebogen / curved upwards
10-705-08	8	rechts gebogen / curved right
10-705-09	8	links gebogen / curved left



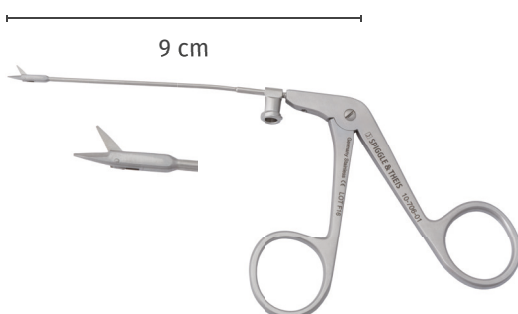
**House-Bellucci Ohrscherchen,
gerade, extrafein, 3 x 1,5 mm, 8 cm /
Bellucci ear scissors,
straight, super delicate, 3 x 1.5 mm, 8 cm**

10-705-05



**House-Bellucci Ohrscherchen,
gerade, superfein, 2 x 1,3 mm, 8 cm /
Bellucci ear scissors,
straight, super delicate, 2 x 1.3 mm, 8 cm**

10-705-06



**Wullstein Rohrschaft Ohrscherchen,
leicht gebogen, Spülkanal, 4 mm Schneidentlänge, 9 cm /
Wullstein tubular shaft micro scissors,
slightly curved, irrigation channel, 4 mm blade, 9 cm**

Art.-Nr./No.	Beschreibung / Description
10-706-01	gerade / straight
10-706-02	aufwärts gebogen / curved upwards
10-706-03	rechts gebogen / curved right
10-706-04	links gebogen / curved left

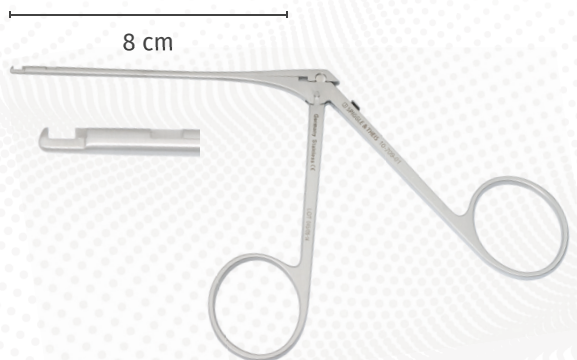
08 Ohrzängchen

Ear forceps



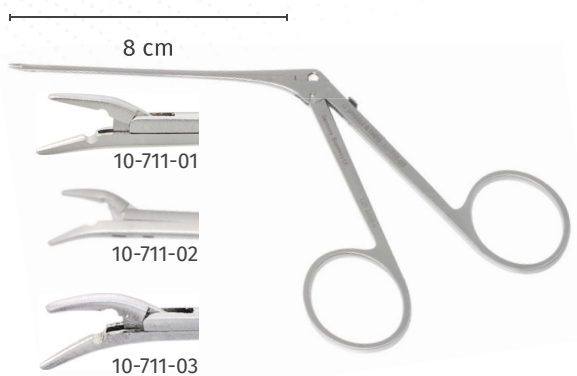
**Fisch Crurotomie Scherchen, 8 cm /
Fisch crurotomy scissors, 8 cm**

Art.-Nr./No.	Beschreibung / Description
10-708-01	rechts gebogen / curved right
10-708-02	links gebogen / curved left



**Dieter Hammerkopfstanze, 8 cm /
Dieter malleus nipper, 8 cm**

Art.-Nr./No.	Beschreibung / Description
10-709-01	aufwärts schneidend / upwards cutting
10-709-02	abwärts schneidend / downwards cutting



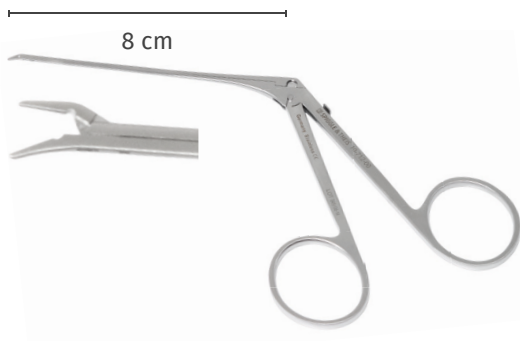
**McGee Drahtschließzängchen, 0,8 x 3,5 mm, 8 cm /
McGee wire closing forceps, 0.8 x 3.5 mm, 8 cm**

Art.-Nr./No.	Beschreibung / Description
10-711-01	gerade / straight
10-711-02	rechts gebogen / curved right
10-711-03	links gebogen / curved left



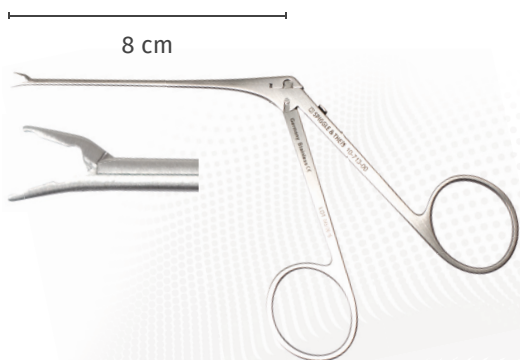
08 Ohrzängchen

Ear forceps



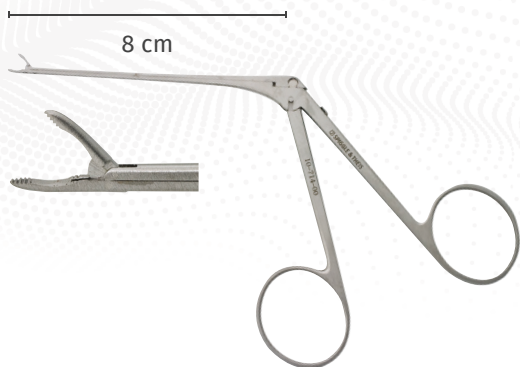
**Fisch-McGee Drahtschließzängchen, gerade, 0,6 x 3,5 mm, 8 cm /
Fisch-McGee wire closing forceps, straight, 0.6 x 3.5 mm, 8 cm**

10-712-00



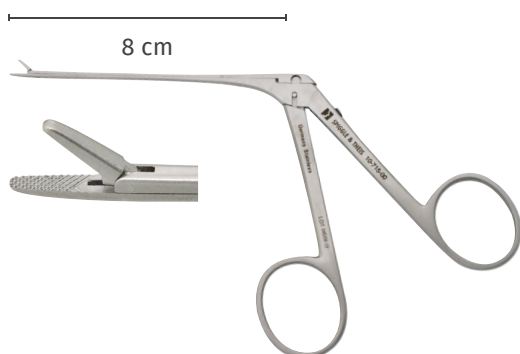
**Müller Drahtschließzängchen,
0,8 x 3,5 mm, gerade, bogenförmiges Maulteil, 8 cm /
Müller wire closing forceps,
0.8 x 3.5 mm, straight, rounded tip, 8 cm**

10-713-00



**Greven Drahtschließzängchen, gerade, 0,8 x 5 mm, 8 cm /
Greven wire closing forceps, straight, 0.8 x 5 mm, 8 cm**

10-714-00

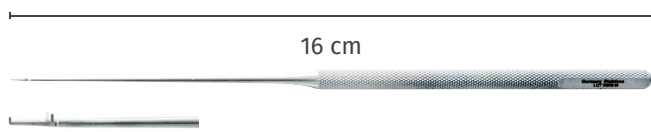


**Kürzzängchen für Mittelohr-Implantate,
gerade, 1,4 x 4 mm, 8 cm /
Shortening forceps for middle ear implants,
straight, 1.4 x 4 mm, 8 cm**

10-715-00

09 Mess- und Kürzinstrumente

Measuring and Shortening Instruments



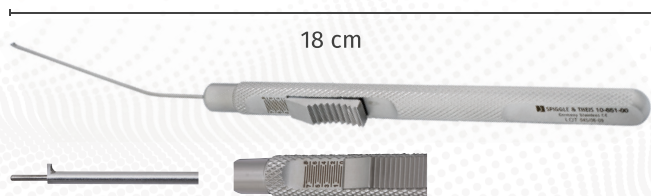
**Referenz-Instrument für Stapes-Prothesen,
3,5 / 4,0 / 4,5 mm, 16 cm /**
Reference instrument for stapes prostheses,
3.5 / 4.0 / 4.5 mm, 16 cm

10-650-00



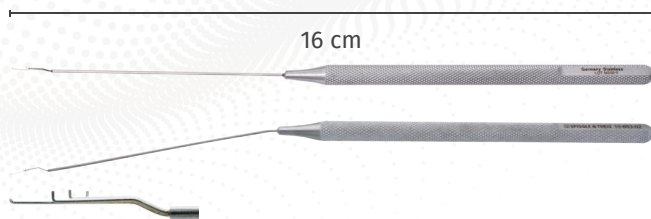
**Referenz-Instrument für Stapes-Prothesen,
Typ Tübingen /**
Reference instrument for stapes prostheses,
Typ Tübingen

10-650-01



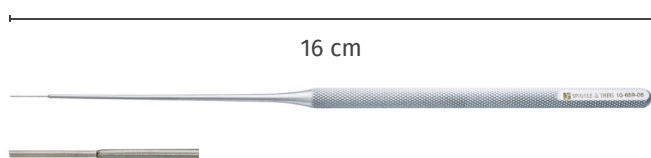
**Referenz-Instrument für Mittelohrprothesen,
verschiebbar von 0-8 mm, 18 cm /**
Reference instrument for middle ear prostheses,
slide button control from 0-8 mm, 18 cm

Art.-Nr./No.	Beschreibung / Description
10-651-00	nicht zerlegbar / non-dismountable
10-652-00	zerlegbar / dismountable



**Fisch Referenz-Instrument für Stapes-Prothesen,
3,5 / 4,0 / 4,5 mm, 16 cm /**
Fisch reference instrument for stapes prostheses,
3.5 / 4.0 / 4.5 mm, 16 cm

Art.-Nr./No.	Beschreibung / Description
10-653-01	gerade / straight
10-653-02	gebogen / curved



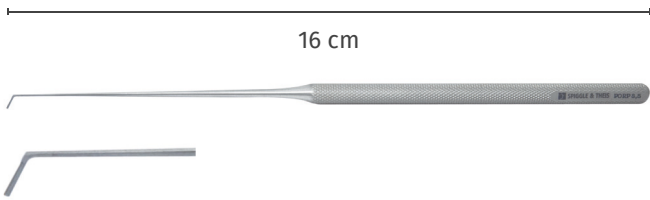
Fisch Referenz-Zylinder für Stapes-Prothesen, 16 cm /
Fisch reference caliper for stapes prostheses, 16 cm

Art.-Nr./No.	AD / OD (mm)
10-659-04	0,4
10-659-06	0,6
10-659-08	0,8














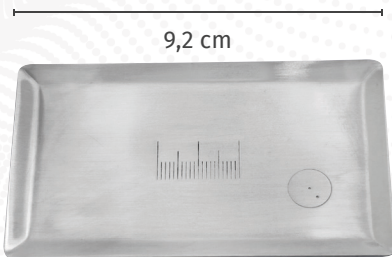
09 Mess- und Kürzinstrumente

Measuring and Shortening Instruments



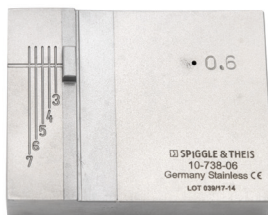
Referenz-Instrument für Mittelohrprothesen, 16 cm /
Reference instrument for middle ear prostheses, 16 cm

Art.-Nr./No.	Länge / Length (mm)		Winkel / Angle
10-654-25	2,50		60°
10-654-27	2,75		60°
10-654-30	3,00		60°
10-654-32	3,25		60°
10-654-35	3,50		60°
10-654-37	3,75		60°
10-654-40	4,00		60°
10-654-42	4,25		60°
10-654-45	4,50		60°
10-654-47	4,75		60°
10-654-50	5,00		60°



Präparier-Tablett aus Edelstahl, mit Skala, 92 x 54 mm /
Preparation tray, stainless steel, with scale, 92 x 54 mm

10-735-00



Fisch Schneide- und Präparierblock für PTFE-Stapes-Prothesen /
Fish cutting and preparation jig for PTFE stapes prostheses

Art.-Nr./No.	Größe / Size (mm)
10-738-04	0,4
10-738-06	0,6

09 Mess- und Kürzinstrumente

Measuring and Shortening Instruments



**Schneideblock für PTFE-Stapes-Prothesen, 0,4 und 0,6 mm /
Piston cutting jig for PTFE stapes prostheses, 0.4 and 0.6 mm**

10-740-00



**Schuknecht Drahtbiegegerät für Stapes-Prothesen, zerlegbar /
Schuknecht wire bending die for stapes prostheses, detachable**

10-742-00



**PTFE-Schutzhülse mit Fenster für Ohrzängchen,
11,5 cm, autoklavierbar 10 Stück pro Box /
PTFE protective sleeve for ear forceps, with window,
11.5 cm, autoclavable, 10 pieces per box**

10-719-00

**Verkauf ohne Ohrzängchen
Shipping without forceps**



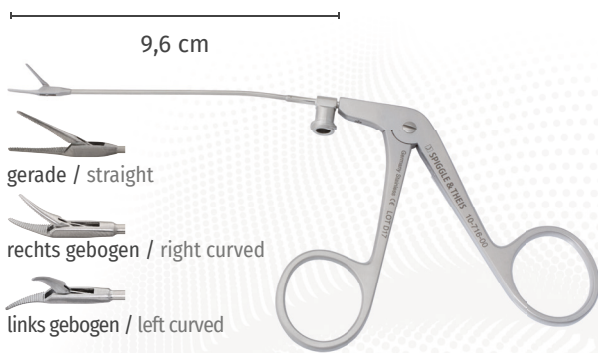
10 Allgemeines

Miscellaneous

Geschützte Oberfläche für alle SPIGGLE & THEIS Instrumente, macht das Instrument weitgehend resistent gegen mechanische und chemische Einflüsse. Reduziert Licht- und Laser-Reflexe. Einfach bei Ihrer Bestellung "TAN" hinter die jeweilige Artikel-Nummer setzen.

TAN
Titan-Aluminium-Nitrit Oberflächenbeschichtung, schwarz
Titanium-aluminium-nitrite-coating, black

A protective surface for all SPIGGLE & THEIS instruments, makes the instruments resistant to mechanical and chemical influences whilst reducing light and laser reflections. Order by simply adding "TAN" behind the respective article number.



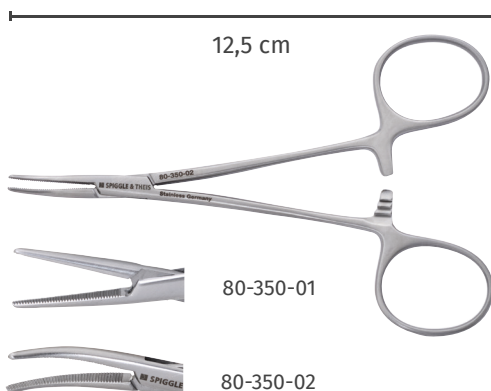
**Heermann Ohrzängchen,
Rohrschaft leicht gebogen, Spülkanal, gerieft /
Heermann ear forceps, tubular model, shaft slightly curved,
irrigation channel, serrated**

Art.-Nr./ No.	Größe / Size (mm)	Länge / Length (cm)	Maulteil / Jaws
10-716-00	9 x 2,0	9,6	gerade / straight
10-716-02	9 x 2,0	9,6	links gebogen / left curved
10-716-03	9 x 2,0	9,6	rechts gebogen / right curved



**Metallständer für 6 Ohrzängchen /
Metal stand for 6 ear forceps**

10-718-00



**Halstead Mosquito-Klemme, anatomisch, 12,5 cm /
Halstead Mosquito haemostatic forceps, anatomical, 12.5 cm**

Art.-Nr./No.	Beschreibung / Description
80-350-01	gerade / straight
80-350-02	gebogen / curved

10 Allgemeines

Miscellaneous



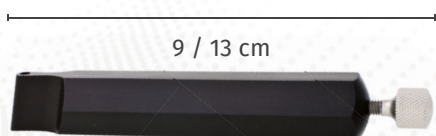
**Präparierplatte aus Glas,
eine Seite angeraut, 9,5 x 7 x 0,5-0,6 cm /
Cutting block, glass,
one side silk finished, 9.5 x 7 x 0.5-0.6 cm**

10-733-09



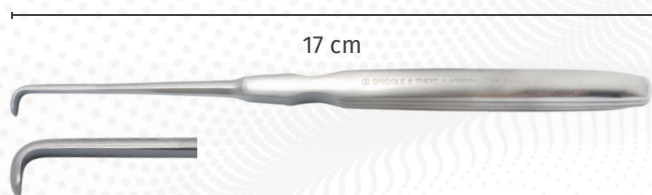
**Heermann Hammer, 19,5 cm /
Heermann mallet, 19.5 cm**

10-720-21



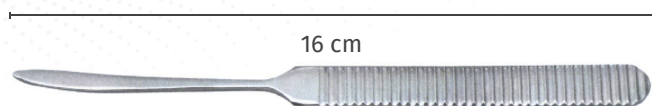
**Heermann Handgriff, schwarz /
Heermann handle, black**

Art.-Nr./No.	Größe / Size
10-722-13	13 cm, groß / large
10-723-09	9 cm, klein / small



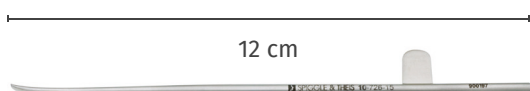
**Mühling Raspatorium, 17 cm /
Mühling raspatory, 17 cm**

Art.-Nr./No.	Größe / Size (mm)
1-1220/01	4
1-1220/04	6



**Williger Elevatorium, gebogen, 16 cm /
Williger elevator, curved, 16 cm**

1-1010/05



**Heermann Hohlmeißel,
gebogen, mit Fähnchen, 12 cm /
Heermann gouge,
curved, with tab, 12 cm**

Art.-Nr./No.	Größe / Size (mm)
10-726-10	1,0
10-726-15	1,5
10-726-30	3,0

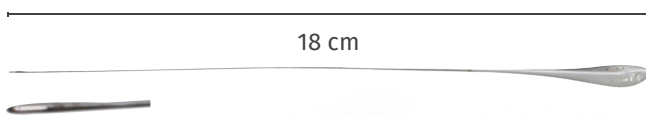


10 Allgemeines Miscellaneous



**Heermann Mikrohäkchen, mit Fähnchen, 12,5 cm /
Heermann micro hook, with tab, 12.5 cm**

Art.-Nr./No.	Größe / Size
10-727-01	1
10-727-02	2
10-727-03	3
10-727-04	4



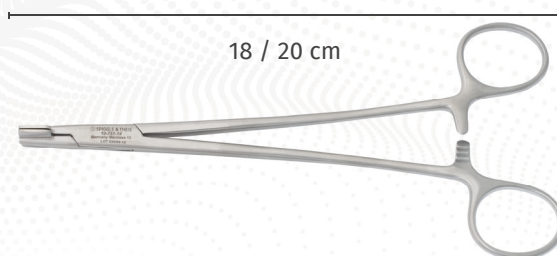
**Seiffert Speichelgangsonde, Silber, 0,5 mm, 18 cm /
Seiffert salivary duct probe, silver, 0.5 mm, 18 cm**

10-729-18



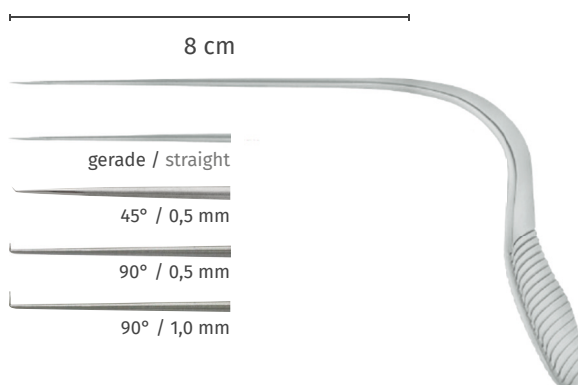
Shea Venenpresse / Shea vein press

Art.-Nr./No.	Größe / Size (mm)
10-730-16	16
10-730-30	30



**House Quetsch-Zange /
House pressure forceps**

Art.-Nr./No.	Länge / Length (cm)	Größe / Size (mm)
10-731-14	18	11 x 14
10-731-30	20	30 x 30



Zöllner Mikroinstrumente, 8 cm / Zöllner micro instruments, 8 cm

Art.-Nr./No.	Hakenlänge / Length of hook (mm)	Winkel / Angle
10-639-01		Nadel gerade, spitz / needle straight, pointed
10-639-02	0,5	45° aufwärts / upward
10-639-03	0,5	45° abwärts / downwards
10-639-04	0,5	90° aufwärts / upward
10-639-05	0,5	90° abwärts / downwards
10-639-06	1,0	90° aufwärts / upward
10-639-07	1,0	90° abwärts / downwards

10 Allgemeines

Miscellaneous



**Drahtbiede- und Schneideschere,
Hartmetall, gezahnt, gewinkelt, 12 cm /
Wire bending and cutting scissors,
tungsten carbide, with teeth, angled, 12 cm**

10-745-12



**Arkansas Ölstein, keilförmig, 9 x 4 cm,
zum Schleifen von feinen Instrumenten und Meißeln /
Arkansas oil whetstone, wedge-shaped, 9 x 4 cm,
for sharpening delicate instruments and chisels**

10-747-00



**Flexibler Spannarm zur Verwendung mit selbsthaltenden
NNH-Spekula, mit Verlängerungsstange /
Flexible holding arm for use with self retaining nasal specula,
inclusive holding rods**

30-700-00



**Gelenkkloben zur Befestigung am OP-Tisch,
passend für 30-700-00 und 40-337-00 /
Rotation clamp for fixation to operating table,
for 30-700-00 and 40-337-00**

30-700-01



**Ohrspekulumhalter für flexiblen Spannarm,
passend für alle Ohrtrichter /
Ear speculum clamp for flexible holding arm,
suitable for all ear specula**

10-750-00



**Endoskophalter für flexiblen Spannarm,
passend für alle Endoskope /
Endoscope clamp for flexible holding arm,
suitable for all endoscopes**

10-751-00



10 Allgemeines

Miscellaneous



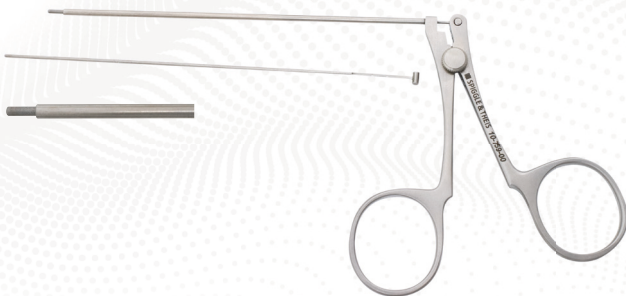
**Felsenbeinhalter Modell Würzburg,
Wanne aus rostsicherem Edelstahl, Kunststoffrahmen;
Felsenbein in jeder Position einstellbar /
Würzburg temporal bone holder,
stainless steel bowl, plastic frame; temporal bone
can be set in all positions**

10-755-00



**Universal-Einführungszängchen
für Paukenröhrchen, mit Spülkanal /
Universal ventilation tube inserter,
with irrigation channel**

10-758-00



**Einführungszängchen für Kunststoff-Paukenröhrchen
mit je einem Mandrin für PR 1 mm und 1,2 mm ϕ /
Ventilation tube insertion forceps with mandrin
for both VT 1 mm and 1.2 mm ϕ**

10-759-00



**T-Tube Einföhrungsinstrument, zerlegbar,
für T-Tubes mit 5 mm und 12 mm Länge /
T-tube insertion instrument, dismantable,
for t-tubes with 5 mm and 12 mm length**

10-760-00



**Spezial-Ölspray,
Pflegespray für Instrumente, Dose 500 ml /
Special oilspray,
preservation spray for instruments, 500 ml**

80-650-00

10 Allgemeines

Miscellaneous



Metallschale / Metal bowl

Art.-Nr./No.		Durchmesser / Diameter (mm)	Höhe / Height (mm)	Fassungs- vermögen / Capacity (ml)
80-501-01	B1	Ø 40	H=19	20
80-501-02	B2	Ø 60	H=39	60
80-501-03	B3	Ø 85	H=40	160
80-501-04	B4	Ø 110	H=55	400



Medizinbecher, Edelstahl, graduert /

Medicine cup, stainless steel, graduated

Art.-Nr./No.		Durchmesser / Diameter (mm)	Höhe / Height (mm)	Fassungs- vermögen / Capacity (ml)
80-503-03		Ø 50	H=25	30
80-504-05		Ø 53	H=45	50



Lösungsschale, Edelstahl / Solution bowl, stainless steel

Art.-Nr./No.		Durchmesser / Diameter (mm)	Höhe / Height (mm)	Fassungs- vermögen / Capacity (ml)
80-506-30	B1	Ø 100	H=60	300
80-507-40	B2	Ø 120	H=70	400
80-509-75	B3	Ø 150	H=75	750



Tablettenschale, Edelstahl, Ø 65 mm, H=20 mm /

Tablet dish, stainless steel, Ø 65 mm, H=20 mm

80-512-00



Petrischale, Klarglas, mit Deckel / Petri dish, clear glass, with lid

Art.-Nr./No.	AD / OD (mm)	Höhe / Height (mm)
80-515-06	60	15
80-515-08	80	15
80-515-10	150	20



Medikamenten-Schälchen, Glas, schwarz, mit Deckel, 4 x 4 cm /

Medication dish, glass, black, with lid, 4 x 4 cm

80-517-00



10 Allgemeines

Miscellaneous



80-519-00



80-519-01



80-519-02



80-519-03

Medikamenten-Schälchen, Dappenglas, farbig, Ø 3,2 cm / Medication dish, dappen-glass, colored, Ø 3.2 cm

Art.-Nr./No.	Farbe / Color
80-519-00	kristall / crystal
80-519-01	grün / green
80-519-02	rosa / pink
80-519-03	topas / topaz



Porzellan-Schälchen, rund, mit Ausguss / China bowl, round, with spout

Art.-Nr./No.	Durchmesser / Diameter (cm)
80-520-06	Ø 8
80-520-08	Ø 10



Nierenschale, Edelstahl / Kidney bowl, stainless steel

Art.-Nr./No.	Größe / Size (cm)
80-525-17	17,5
80-525-25	25,0



Kornzangen-Behälter, Edelstahl / Forceps holder, stainless steel

Art.-Nr./No.	Durchmesser / Diameter (cm)	Höhe / Height (cm)
80-528-13	Ø 5,0	13,5
80-528-18	Ø 5,0	18,0
80-528-20	Ø 9,5	20,0



Kornzangen-Behälter, Glas, Edelstahldeckel mit Ausschnitt, Ø 8 cm, Höhe 20 cm / Forceps holder, glass, stainless steel lid with opening, Ø 8 cm, height 20 cm

80-530-20

11 Sterilisationssysteme

Sterilization Systems



**Norm-Sterilisations-Container,
Normal-Boden, Ventil-Deckel mit Thermoloc,
Aluminium, Griff-Farbe nach Wahl /
Norm sterilisation container,
unperforated bottom, valve lid with thermoloc,
aluminium, handle color of your choice**

Art.-Nr./No.	Größe / Size (cm)
80-630-12	29,6 x 27,5 x 12
80-630-14	29,6 x 27,5 x 14
80-630-21	29,6 x 27,5 x 21
80-660-12	59,6 x 27,5 x 12
80-660-14	59,6 x 27,5 x 14
80-660-21	59,6 x 27,5 x 21



**Siebkorb, Edelstahl-Drahtgeflecht, Fallgriffe /
Basket, stainless-steel wire mesh, sliding handles**

Art.-Nr./No.	Größe / Size (cm)
80-670-25	24,5 x 24,5 x 6
80-670-40	40,0 x 24,5 x 6
80-670-49	48,5 x 24,5 x 6



**Codier-Schild, 6 x 2 cm, 20 Zeichen /
Coding label, 6 x 2 cm, 20 characters**

Art.-Nr./No.	Farbe / Color
80-680-01	schwarz / black
80-680-02	rot / red
80-680-03	braun / brown
80-680-04	grün / green
80-680-05	gelb / yellow
80-680-06	lila / purple
80-680-07	blau / blue

**Einweg-Container-Siegel, blau, 500 Stück/Box /
Container seal, disposable, blue, 500 pieces/box**

80-683-00

**Entsorgungsmarke, Edelstahl, zum Aufstecken, 2,5 x 3 cm,
inklusive Gravur bis zu 5 Zeichen /
Clip on coding clamp, stainless steel, 2,5 x 3 cm,
including engraving up to 5 characters**

80-685-00

**Indikator-Klebe-Etikett, Lasche rechts, 1000 Stück/Box /
Adhesive indicator label, latch right side, 1000 pieces/box**

80-684-00

**Klemmschild aus Edelstahl, hitzebeständig, 6 x 4 cm, 25 Stück/Box /
Label holder with clip, stainless steel, heat resistant, 6 x 4 cm,
25 pieces/box**

80-688-00



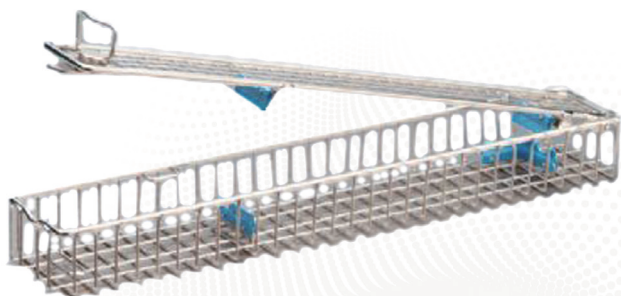
11 Sterilisationssysteme

Sterilization Systems



**Endoskopie-Siebkorb mit Deckel, Edelstahl, e-poliert /
Endoscope container with lid, stainless steel, e-polished**

Art.-Nr./No.	Größe / Size (cm)
80-690-01	29 x 8 x 5,2 für 1 Endoskop / for 1 endoscope
80-690-02	67 x 8 x 5,2 für 1 Endoskop / for 1 endoscope



**Endoskopie-Siebkorb mit Deckel, Edelstahl, e-poliert /
Endoscope container with lid, stainless steel, e-polished**

Art.-Nr./No.	Größe / Size (cm)
80-691-01	46 x 8 x 5,2 für 1 Endoskop / for 1 endoscope
80-692-01	67 x 8 x 5,2 für 1 Endoskop / for 1 endoscope



**Sterilisations-System "Instru-Safe"
für Mikro-Ohr-Instrumentarium komplette Ausstattung / 2 Boxen:
Sterilizing & protection system "Instru-Safe"
for micro ear surgery complete equipment / 2 boxes:**

80-600-00

Bestehend aus:

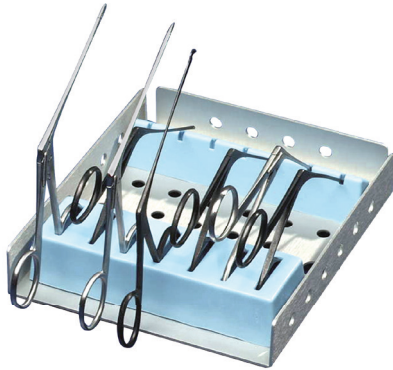
- Instrumentenbox für feine Instrumente
- Instrumentenbox für grobe Instrumente
- 2 Module "Ohrzängchen" (Art.-Nr. 80-601-01)
- 2 Module "Häkchen/Messer" (Art.-Nr. 80-601-08)
- 1 Modul "Ohrtrichter" (Art.-Nr. 80-601-03)
- 1 Modul "Mikroaugröhrchen" (Art.-Nr. 80-601-04)

Consisting of:

- Instrument box for delicate instruments
- Instrument box for larger instruments
- 2 trays "ear forceps" (Art.-No. 80-601-01)
- 2 trays "hooks and knives" (Art.-No. 80-601-08)
- 1 tray "ear specula" (Art.-No. 80-601-03)
- 1 tray "micro suction tubes" (Art.-No. 80-601-04)

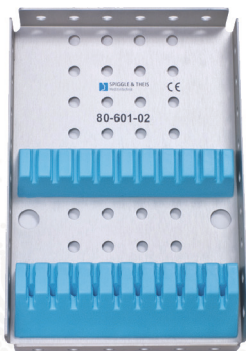
11 Sterilisationssysteme

Sterilization Systems



**Modul "Ohrzängchen", 14,8 x 13 x 2,5 cm /
Tray "Ear forceps", 14.8 x 13 x 2.5 cm**

80-601-01



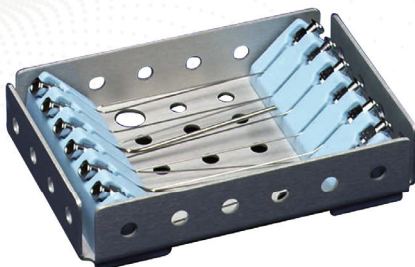
**Modul "Häkchen/Messer", 19,4 x 13 x 2,5 cm /
Tray "Hooks and knives", 19.4 x 13 x 2.5 cm**

80-601-02



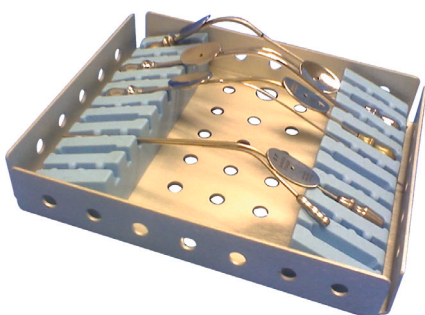
**Modul "Ohrtrichter", 8,9 x 13 x 2,5 cm /
Tray "Ear specula", 8.9 x 13 x 2.5 cm**

80-601-03



**Modul "Mikroaugröhrchen", 8,9 x 13 x 2,5cm /
Tray "Micro suction tubes", 8.9 x 13 x 2.5 cm**

80-601-04



**Modul "Baron Saugrohre", 14,9 x 13 x 2,5 cm /
Tray "Baron suction tubes", 14.9 x 13 x 2.5 cm**

80-601-05



11 Sterilisationssysteme

Sterilization Systems



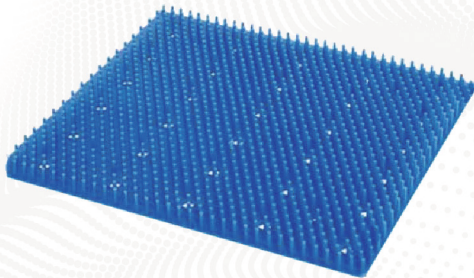
**Modul "Häkchen/Messer II", 19,4 x 11,7 x 2,5 cm /
Tray "Hooks and knives II", 19.4 x 11.7 x 2.5 cm**

80-601-08



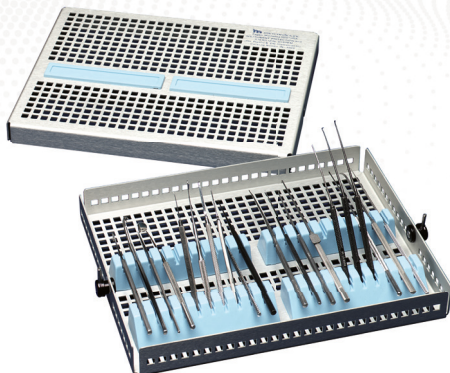
**Instrumentenbox für feine Instrumente, 50 x 24,5 x 8 cm /
Instrument box for delicate instruments, 50 x 24.5 x 8 cm**

80-602-30



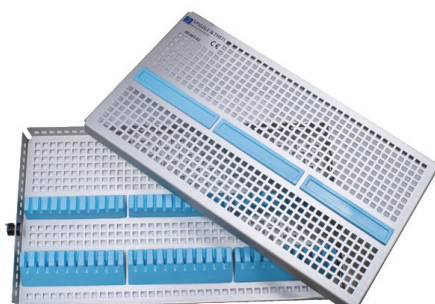
**Noppenmatte, fein, zuschneidbar, 45,7 x 33 x 1,65 cm /
Fingermat, fine, custom cut, 45.7 x 33 x 1.65 cm**

80-602-32



**Instrumenten Box mit Deckel
für 20 Häkchen/Messer, 27,9 x 22,2 x 3,8 cm /
Instrument box with lid
for 20 hooks and knives, 27.9 x 22.2 x 3.8 cm**

80-603-01



**Instrumenten Box mit Deckel
für 30 Häkchen/Messer, 38,1 x 22,2 x 3,8 cm /
Instrument box with lid
for 30 hooks and knives, 38.1 x 22.2 x 3.8 cm**

80-603-02

11 Sterilisationssysteme

Sterilization Systems



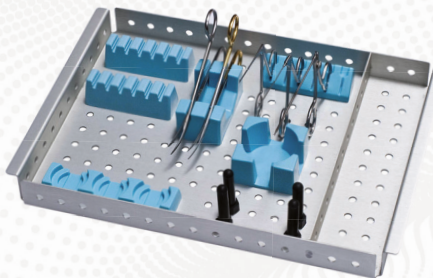
Instrumenten Box mit Deckel
für 10 Haken/Messer, 12,7 x 22,2 x 3,8 cm /
Instrument box with lid
for 10 hooks and knives, 12.7 x 22.2 x 3.8 cm

80-603-03



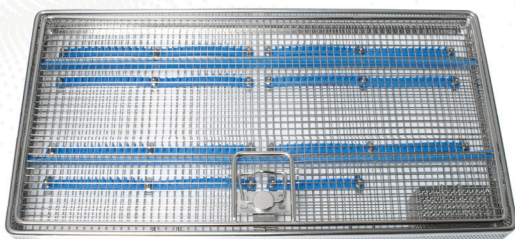
Instrumenten Box mit Deckel für
15 Mikro-Instrumente, 21,5 x 22,2 x 3,8 cm /
Instrument box with lid
for 15 micro instruments, 21.5 x 22.2 x 3.8 cm

80-603-04



Sterilisations-System "Instru-Safe"
für Parazentese-Set zur Aufnahme von Ohrtrichtern,
Ohrzängchen, Haken und Nadeln /
Sterilizing and protection set "Instru-Safe"
for myringotomy set, holds ear-specula, forceps,
knives and hooks

80-605-00



HNO-Spülkorb, Edelstahl mit abnehmbarem Deckel,
Kleinteilekorb und Instrumentenaufnahmen,
e-polier, 480 x 250 x 40 mm /
ENT instrument tray, stainless steel with removable lid, small
parts basket and instrument holders,
e-polished, 480 x 250 x 40 mm

80-695-00



Spül- und Sterilisierkorb
für Mikro-Endoskope, Edelstahl, 24,5 x 24,5 cm /
Irrigation- and sterilization basket
for micro endoscopes, stainless steel, 24.5 x 24.5 cm

Will be configured on
request to meet
your individual needs



12 Endoskopische/Mikroskopische Instrumente Set nach Prof. Panetti 10-890-00

Endoscopic/Microscopic Instrument Set by Prof. Panetti 10-890-00

Bestehend aus / Consisting of:

- | | | | |
|-----------|--|-----------|--|
| 10-800-12 | 1x Saug-Dissektor für Trommelfell, einfach links gebogen, 3 mm
1x Suction dissector for ear drum, single curved, left side, 3 mm | 10-814-12 | 1x Saug-Dissektor, einfach gebogen, rechts, sehr fein, Luer-Lock
1x Suction dissector lateral opening right side, very fine |
| 10-801-12 | 1x Saug-Dissektor für Trommelfell, einfach rechts gebogen, 3 mm
1x Suction dissector for ear drum, single curved, right side, 3 mm | 10-816-12 | 1x Saug-Kürette, gebogen / 1x Suction curette, curved |
| 10-802-12 | 1x Saug-Dissektor für Sinus Tympani, doppelt rückwärts links gebogen, 6 mm / 1x Suction dissector for sinus tympani, double curved, backwards, left side, 6 mm | 10-851-00 | 2x Saugadapter, drehbar, 55° gebogen, Luer-Lock männlich, Schlauchansatz / 2x Rotatable suction adapter, 55° curved, luer-lock male, hose connector |
| 10-803-12 | 1x Saug-Dissektor für Sinus Tympani, doppelt rückwärts rechts gebogen, 6 mm / 1x Suction dissector for sinus tympani, double curved, backwards, right side, 6 mm | 10-703-03 | 1x Mikro-Ohrzängchen, ovale Löffel, fein, 0,8 x 1,3 mm, aufgebogen, 8 cm / 1x Micro ear forceps, oval cups, fine, 0.8 x 1.3 mm, upwards curved, 8 cm |
| 10-804-12 | 1x Saug-Dissektor für Attik, doppelt vorwärts links gebogen, 6 mm
1x Suction dissector for atticus, double curved, forwards, left side, 6 mm | 10-703-04 | 1x Mikro Ohrzängchen, ovale Löffel, gerade, extrafein, 0,5 x 1,0 mm, 8 cm / 1x Micro ear forceps, oval cups, extra fine, 0.5 x 1.0 mm, straight, 8 cm |
| 10-805-12 | 1x Saug-Dissektor für Attik, doppelt vorwärts rechts gebogen, 6 mm
1x Suction dissector for atticus, double curved, forwards, right side, 6 mm | 10-703-07 | 1x Mikro-Ohrzängchen, ovale Löffel, fein, 0,8 x 1,3 mm, abgebogen, 8 cm / 1x Micro ear forceps, oval cups, fine, 0.8 x 1.3 mm, downwards curved 8 cm |
| 10-806-12 | 1x Saug-Mikrohäkchen, 45°, 1,0 mm /
1x Suction micro hook, 45°, 1.0 mm | 10-446-11 | 1x Preyer Wundsperrer, schmales Blatt beidseits mit Noppen, 11 cm, zerlegbar Griff vergoldet / 1x Preyer retractor, slim blade, gold plated grip, studded on both sides, 11 cm, detachable |
| 10-807-12 | 1x Saug-Mikrohäkchen, 45°, 2,0 mm /
1x Suction micro hook, 45°, 2.0 mm | 10-840-01 | 1x System-Siebkorb für Panetti-Instrumentarium /
1x System screen basket for Panetti instruments |
| 10-808-12 | 1x Saug-Rundschnittmesser, 45°, Saugöffnung links, 2,5 mm /
1x Suction separator, 45°, suction left side, 2.5 mm | 10-845-01 | 2x Spülkomponente für System-Siebkorb Panetti-Instrumentarium
2x Irrigation component for system screen basket Panetti instruments |
| 10-811-12 | 1x Saug-Rundschnittmesser, 45°, Saugöffnung rechts, 2,5 mm /
1x Suction separator, 45°, suction right side, 2.5 mm | 10-109-30 | 1x Otoskop, Großbild, HD, 3 mm, 30° (wahlweise 0°, 45° oder 70°), 110 mm / 1x Otoscope, large picture, HD, 3 mm, 30° (optional 0°, 45° or 70°), 110 mm |
| 10-810-12 | 1x Saug-Messer oval, seitliche Öffnung links, 2,5 mm /
1x Suction oval knife, lateral opening left side, 2.5 mm | | |
| 10-813-12 | 1x Saug-Dissektor, einfach gebogen, links, sehr fein, Luer-Lock
1x Suction dissector lateral opening left side, very fine | | |

12 Endoskopische/Mikroskopische Instrumente Set nach Prof. Panetti 10-895-00

Endoscopic/Microscopic Instrument Set by Prof. Panetti 10-895-00

Prof. Panetti Set für Endoskopische/Mikroskopische Instrumente, wie 10-890-00, jedoch ohne Otoskop
Prof. Panetti Endoscopic/Microscopic Instrument Set, as 10-890-00, yet without Otoscope

12 Endoskopische/Mikroskopische Instrumente Set nach Prof. Panetti 10-896-00

Endoscopic/Microscopic Instrument Set by Prof. Panetti 10-896-00

Bestehend aus / Consisting of:

10-800-12	1x Saug-Dissektor für Trommelfell, einfach links gebogen, 3 mm / 1x Suction dissector for ear drum, single curved, left side, 3 mm	10-703-04	1x Mikro Ohrzängchen, ovale Löffel, gerade, extrafein, 0,5 x 1,0 mm, 8 cm / 1x Micro ear forceps, oval cups, extra fine, 0.5 x 1.0 mm, straight, 8 cm
10-801-12	1x Saug-Dissektor für Trommelfell, einfach rechts gebogen, 3 mm / 1x Suction dissector for ear drum, single curved, right side, 3 mm	10-841-01	1x System-Siebkorb für Panetti-Instrumentarium, klein / 1x System screen basket for Panetti instruments, small
10-807-12	1x Saug-Mikrohäkchen, 45°, 2,0 mm / 1x Suction micro hook, 45°, 2.0 mm	10-845-01	1x Spülkomponente für System-Siebkorb Panetti-Instru- mentarium / 1x Irrigation component for system screen basket Panetti instruments
10-808-12	1x Saug-Rundschnittmesser, 45°, Saugöffnung links, 2,5 mm / 1x Suction separator, 45°, suction left side, 2.5 mm	10-109-30	1x Otoskop, Großbild, HD, 3 mm, 30° (wahlweise 0°, 45° oder 70°), 110 mm / 1x Otoscope, large picture, HD, 3 mm, 30° (optional 0°, 45° or 70°), 110 mm
10-812-12	1x Saug-Messer oval, seitliche Öffnung rechts, 2,5 mm / 1x Suction oval knife, lateral opening right side, 2.5 mm		
10-815-12	1x Saug-Sichelmesser gebogen, 13 cm / 1x Suction sickle knife, curved, 13 cm		
10-851-00	1x Saugadapter, drehbar, 55° gebogen, Luer-Lock männlich, Schlauchansatz / 1x Rotatable suction adapter, 55° curved, luer-lock male, hose connector		

12 Bohrer-Set 10-908-00

Burs Set 10-908-00

Bohrerlänge: 70 mm
Bur length: 70 mm

Bestehend aus / Consisting of:

DR070010691	1x Diamant-Bohrer, mittlere Körnung, Ø 0,6 mm / Diamond bur, medium grain, Ø 0.6 mm	CR070010806	1x Osteotomie-Bohrer, HM, Ø 0,8 mm, 6 Schneiden / Osteotomy bur, TC, Ø 0.8 mm, 6 blades
DR070010891	1x Diamant-Bohrer, mittlere Körnung, Ø 0,8 mm / Diamond bur, medium grain, Ø 0.8 mm	CR070011006	1x Osteotomie-Bohrer, HM, Ø 1,0 mm, 6 Schneiden / Osteotomy bur, TC, Ø 1.0 mm, 6 blades
DR070011091	1x Diamant-Bohrer, mittlere Körnung, Ø 1,0 mm / Diamond bur, medium grain, Ø 1.0 mm	CR070011206	1x Osteotomie-Bohrer, HM, Ø 1,2 mm, 6 Schneiden / Osteotomy bur, TC, Ø 1.2 mm, 6 blades
DR070011491	1x Diamant-Bohrer, mittlere Körnung, Ø 1,4 mm / Diamond bur, medium grain, Ø 1.4 mm	CR070011606	1x Osteotomie-Bohrer, HM, Ø 1,6 mm, 6 Schneiden / Osteotomy bur, TC, Ø 1.6 mm, 6 blades
DR070011891	1x Diamant-Bohrer, mittlere Körnung, Ø 1,8 mm / Diamond bur, medium grain, Ø 1.8 mm	CR070012106	1x Osteotomie-Bohrer, HM, Ø 2,1 mm, 6 Schneiden / Osteotomy bur, TC, Ø 2.1 mm, 6 blades
DR070012191	1x Diamant-Bohrer, mittlere Körnung, Ø 2,1 mm / Diamond bur, medium grain, Ø 2.1 mm	CR070012708	1x Osteotomie-Bohrer, HM, Ø 2,7 mm, 8 Schneiden / Osteotomy bur, TC, Ø 2.7 mm, 8 blades
DR070012791	1x Diamant-Bohrer, mittlere Körnung, Ø 2,7 mm / Diamond bur, medium grain, Ø 2.7 mm	CR070013508	1x Osteotomie-Bohrer, HM, Ø 3,5 mm, 8 Schneiden / Osteotomy bur, TC, Ø 3.5 mm, 8 blades
DR070013191	1x Diamant-Bohrer, mittlere Körnung, Ø 3,1 mm / Diamond bur, medium grain, Ø 3.1 mm	CR070014510	1x Osteotomie-Bohrer, HM, Ø 4,5 mm, 10 Schneiden / Osteotomy bur, TC, Ø 4.5 mm, 10 blades
DR070014091	1x Diamant-Bohrer, mittlere Körnung, Ø 4,0 mm / Diamond bur, medium grain, Ø 4.0 mm	CR070015012	1x Osteotomie-Bohrer, HM, Ø 5,0 mm, 12 Schneiden / Osteotomy bur, TC, Ø 5.0 mm, 12 blades
DR070015091	1x Diamant-Bohrer, mittlere Körnung, Ø 5,0 mm / Diamond bur, medium grain, Ø 5.0 mm	CR070016014	1x Osteotomie-Bohrer, HM, Ø 6,0 mm, 14 Schneiden / Osteotomy bur, TC, Ø 6.0 mm, 14 blades
DR070016091	1x Diamant-Bohrer, mittlere Körnung, Ø 6,0 mm / Diamond bur, medium grain, Ø 6.0 mm	CR070017016	1x Osteotomie-Bohrer, HM, Ø 7,0 mm, 16 Schneiden / Osteotomy bur, TC, Ø 7.0 mm, 16 blades
DR070017091	1x Diamant-Bohrer, mittlere Körnung, Ø 7,0 mm / Diamond bur, medium grain, Ø 7.0 mm	BS23507034	1x Bohrerständer für 34 rotierende Instrumente der Länge 70 mm / Stand for 34 rotary instruments, length: 70 mm
CR070010506	1x Osteotomie-Bohrer, HM, Ø 0,5 mm, 6 Schneiden / Osteotomy bur, TC, Ø 0.5 mm, 6 blades		



12 Tympanoplastik/Stapesplastik-Set 10-900-00

Tympanoplasty/Stapesplasty Set 10-900-00

Bestehend aus / Consisting of:

- 10-420-11 Wullstein Wundsperrer, 3:3 Zähne, 11 cm, halbscharf, 2 Stück / Wullstein retractor, 3:3 prongs, 11 cm, semi-sharp, 2 pieces
- 10-428-11 Helms Wundsperrer, 2 Zähne rechts, Blatt mit Noppen links, 11,5 cm / Helms retractor, 2 prongs right, blade with studs left, 11.5 cm
- 10-429-11 Helms Wundsperrer, 2 Zähne links, Blatt mit Noppen rechts, 11,5 cm / Helms retractor, 2 prongs left, blade with studs right, 11.5 cm
- 10-438-17 Fisch Wundsperrer mit Gelenken, 3:3 Zähne, halbscharf, 16,5 cm / Fisch retractor, adjustable, 3:3 prongs, semi-sharp, 16.5 cm
- 20-100-01 Hartmann Nasen-Spekulum, für Erwachsene / Hartmann nose specula, for adults
- 20-601-14 Joseph Schere, spitz-spitz, gebogen, 14,5 cm / Joseph scissors, pointed, curved, 14.5 cm
- 20-610-15 Reynolds Schere, stumpf-stumpf, gebogen, verjüngte Spitze, 16 cm / Reynolds scissors, blunt-blunt, curved, tapered tips, 16 cm
- 10-534-12 Supercut Schere für Fascie, spitz-spitz, gebogen, 11,5 cm, extrafein / Supercut scissors for fascie, pointed, curved, 11.5 cm, extra delicate
- 10-482-14 Pinzette, anatomisch, 1,7 mm, 14,5 cm / Forceps, anatomical, 1.7 mm, 14.5 cm
- 10-485-14 Pinzette, chirurgisch, 1,4 mm, 14,5 cm / Forceps, surgical, 1.4 mm, 14.5 cm
- 10-489-15 Helms Pinzette, anatomisch, 15 cm / Helms forceps, anatomical, 15 cm
- 10-504-10 Hildmann Knorpel-Pinzette, gerade, 11 cm / Hildmann cartilage forceps, straight, 11 cm
- 10-200-01 Hartmann Ohrtrichter, Gr. 1 / Hartmann speculum, size 1
- 10-200-02 Hartmann Ohrtrichter, Gr. 2 / Hartmann speculum, size 2
- 10-200-03 Hartmann Ohrtrichter, Gr. 3 / Hartmann speculum, size 3
- 10-200-04 Hartmann Ohrtrichter, Gr. 4 / Hartmann speculum, size 4
- 10-466-13 Williger Wundhaken, 4-zinkig, scharf / Williger retractor, 4 prongs, sharp
- 10-355-08 Plester Gehörgangsraspatorium, 8 mm / Plester raspatory, 8 mm
- 10-356-00 Wullstein Raspatorium, schmal (Schippchen) / Wullstein raspatory, slender
- 10-261-10 Buck Ohrkürette, scharf, Gr. 0 / Buck ear curette, sharp, size 0
- 10-261-02 Buck Ohrkürette, scharf, Gr. 2 / Buck ear curette, sharp, size 2
- 30-105-06 Frazier Saugrohr, 6 Ch., konisch, tränenförmige Sogsteuerung, AL 80 mm / Frazier suction tube, 6 Fr., conical, tearform suction control, WL 80 mm
- 30-105-10 Frazier Saugrohr, 10 Ch., konisch, tränenförmige Sogsteuerung, AL 80 mm / Frazier suction tube, 10 Fr., conical, tearform suction control, WL 80 mm
- 10-321-20 Wullstein Silber-Saugrohr, zylindrisch, 2 mm, biegsam / Wullstein silver suction tube, cylindrical, 2 mm, bendable
- 10-305-11 Wullstein Saughandgriff mit Unterbrecher, 10,5 cm / Wullstein suction handle with suction control, 10.5 cm
- 10-308-08-05 House Nadelsauger, Luer, 0,8 mm / House suction cannula, Luer lock, 0.8 mm
- 10-308-12-05 House Nadelsauger, Luer, 1,2 mm / House suction cannula, Luer lock, 1.2 mm
- 10-308-15-05 House Nadelsauger, Luer, 1,5 mm / House suction cannula, Luer lock, 1.5 mm
- 10-308-20-05 House Nadelsauger, Luer, 2,0 mm / House suction cannula, Luer lock, 2.0 mm
- 10-665-00 Tisch Handgriff für Mikrolöffel / Tisch handle for micro curette
- 10-665-04 Tisch Mikrolöffel, 15°, Gr. 1 / Tisch micro curette, 15°, size 1
- 10-665-05 Tisch Mikrolöffel, 15°, Gr. 2 / Tisch micro curette, 15°, size 2
- 10-665-06 Tisch Mikrolöffel, 15°, Gr. 3 / Tisch micro curette, 15°, size 3
- 10-729-18 Seiffert Speichelgangsonde, Silber / Seiffert salivary duct probe, silver
- 10-644-90 Plester Antrum-Häkchen, stumpf, 90°, 4 mm / Plester antrum hook, blunt, 90°, 4 mm
- 10-648-12 Rosen Raspatorium, 1,2 x 12 mm / Rosen raspatory, 1.2 x 12 mm
- 10-610-12 Rosen Rundschnittmesser, 1,2 mm, 45° / Rosen round knife, 1.2 mm, 45°
- 10-610-18 Rosen Rundschnittmesser, 1,8 mm, 45° / Rosen round knife, 1.8 mm, 45°
- 10-610-25 Rosen Rundschnittmesser, 2,5 mm, 45° / Rosen round knife, 2.5 mm, 45°
- 10-614-25 Plester Rundschnittmesser, oval, seitlich / Plester round knife, oval
- 10-618-02 Wullstein Sichelmesser, leicht gebogen, sehr fein / Wullstein sickle knife, slightly curved, delicate
- 10-625-02 Wullstein Mikronadel, sehr leicht gebogen, spitz, 2 Stück / Wullstein micro needle, very slightly curved, pointed, 2 pieces
- 10-630-06 Wullstein Mikrohäkchen, 45°, 0,6 mm / Wullstein micro hook, 45°, 0.6 mm
- 10-630-08 Wullstein Mikrohäkchen, 45°, 0,8 mm / Wullstein micro hook, 45°, 0.8 mm
- 10-628-06 Wullstein Mikrohäkchen, 90°, 0,6 mm / Wullstein micro hook, 90°, 0.6 mm
- 10-628-08 Wullstein Mikrohäkchen, 90°, 0,8 mm / Wullstein micro hook, 90°, 0.8 mm
- 10-628-15 Wullstein Mikrohäkchen, 90°, 1,5 mm / Wullstein micro hook, 90°, 1.5 mm
- 10-642-04 Plester Fußplattenhäkchen, rund, 0,4 mm / Plester footplate hook, round, 0.4 mm
- 10-652-00 Referenz-Instrument, 0-8 mm, zerlegbar / Reference instrument, 0-8 mm, dismountable
- 10-658-03 Fußplatten-Perforator, 0,3 mm / Footplate-perforator, 0.3 mm
- 10-658-05 Fußplatten-Perforator, 0,5 mm / Footplate-perforator, 0.5 mm
- 10-738-04 Präparierblock für Stapesprothesen, 0,4 mm / Preparation jig for stapes prostheses, 0.4 mm
- 10-733-09 Präparierblock für Fascie und Knorpel, Glas / Preparation jig for fascie and cartilage, glass
- 10-700-05 Hartmann Ohrzangchen, gerieft, gerade, extrafein / Hartmann ear forceps, serrated, straight, extra delicate
- 10-703-00 Mikro-Ohrzangchen, ovale Löffel, gerade, fein / Micro ear forceps, oval curette, straight, delicate
- 10-705-00 Shea-Bellucci Ohrscherchen, gerade / Shea-Bellucci ear forceps, straight
- 10-701-00 Mikro-Ohrzangchen, gerieft, gerade, fein, selbstschließend / Micro ear forceps, serrated, straight, delicate, self-closing
- 10-709-01 Dieter Hammerkopfstanze, gerade, aufwärts schneidend, fein / Dieter malleus nipper, straight, upwards cutting, delicate
- 10-711-01 McGee Drahtschließzangchen, gerade / McGee wire closing forceps, straight
- 10-719-00 PTFE Schutzhülse für Ohrzangchen, 6 Stück / PTFE cover for ear forceps, 6 pieces
- 10-731-14 House Quetschzange, 11 x 14 mm / House pressure forceps, 11 x 14 mm
- 10-481-14 Pinzette, anatomisch, 14,5 cm, 2 mm / Forceps, anatomical, 14.5 cm, 2 mm
- 10-555-13 Halsey Nadelhalter, Hartmetall, 13 cm, fein / Halsey needle holder, tungsten carbide, 13 cm, delicate
- 10-550-13 Universalschere, 13 cm, spitz-stumpf, gebogen / Universal scissors, 13 cm, blunt / pointed, curved
- 80-100-16 Bipolare Pinzette, 16 cm, gerade, 0,5 mm / Bipolar forceps, 16 cm, straight, 0.5 mm
- 80-501-01 Metallschale B1, Ø 40 mm, Volumen 0,02 l, Höhe 19 mm / Metal bowl B1, 40 mm Ø, 20 ml, 19 mm height
- 80-501-02 Metallschale B2, Ø 60 mm, Volumen 0,06 l, Höhe 39 mm / Metal bowl B2, 60 mm Ø, 60 ml, 39 mm height
- 80-501-04 Metallschale B6, Ø 110 mm, Volumen 0,40 l, Höhe 55 mm / Metal bowl B6, 110 mm Ø, 400 ml, 55 mm height
- 10-747-00 Arkansas-Öl-Stein zum Schleifen von Instrumenten / Arkansas oil whetstone for sharpening instruments
- 1710001-B Silikonfolie Miltheis, blau, steril, 0,13 x 40 x 6 mm, 10 x 3 Stück / Silicone foil Miltheis, blue, sterile, 0.13 x 40 x 6 mm, 10 x 3 pieces
- 80-600-00 Sterilisations-System "Instru-Safe" für Mikro-Ohr-Instrumentarium / Sterilizing & protection system "Instru-Safe" for micro ear surgery
- 80-018-50 Bipolares Anschlusskabel, 4 m, passend für Erbe/Storz, autoklavierbar / Bipolar connecting cable, 4 m, comp. w. Erbe/Storz, autoclavable

12 Parazentese-Set 10-901-00

Paracentesis Set 10-901-00

Bestehend aus / Consisting of:

10-200-01	Hartmann Ohrtrichter, Gr. 1 / Hartmann ear specula, size 1	10-308-10-05	House Nadelsauger, Luer-Lock, 7 cm, 1,0 mm, 5 Stück / House suction cannula, Luer lock, 7 cm, 1.0 mm, 5 pieces
10-200-02	Hartmann Ohrtrichter, Gr. 2 / Hartmann ear specula, size 2	10-308-12-05	House Nadelsauger, Luer-Lock, 7 cm, 1,2 mm, 5 Stück / House suction cannula, Luer lock, 7 cm, 1.2 mm, 5 pieces
10-200-03	Hartmann Ohrtrichter, Gr. 3 / Hartmann ear specula, size 3	10-308-15-05	House Nadelsauger, Luer-Lock, 7 cm, 1,5 mm, 5 Stück / House suction cannula, Luer lock, 7 cm, 1.5 mm, 5 pieces
10-200-04	Hartmann Ohrtrichter, Gr. 4 / Hartmann ear specula, size 4	10-308-20-05	House Nadelsauger, Luer-Lock, 7 cm, 2,0 mm, 5 Stück / House suction cannula, Luer lock, 7 cm, 2.0 mm, 5 pieces
10-260-01	Buck Ohrkürette, stumpf, leicht gebogen, Gr. 1 / Buck ear curette, blunt, slightly curved, size 1	10150	Titan-Paukenröhrchen, Typ Kragenknopf, 1,5 mm, 10 Stück pro Box / Titanium ventilation tube, type collar-button, 1.5 mm, 10 pieces/box
10-618-01	Wullstein Sichelmesser, leicht gebogen, fein, 16 cm / Wullstein sickle knife, slightly curved, fine, 16 cm	80-605-00	Systemkomponente "Instru-Safe" für Parazentese-Set zur Aufnahme von Ohrtrichtern, Ohrzängchen, Häkchen und Nadeln / System module "Instru-Safe" for myringotomy set, holds ear-specula, forceps, knives and hooks
10-700-00	Hartmann Ohrzängchen, gerieft, gerade, fein, 0,8 x 7,0 mm, 8 cm / Hartmann ear forceps, serrated, straight, fine, 0.8 x 7.0 mm, 8 cm		
10-628-08	Wullstein Mikrohäkchen, 90°, 0,8 mm, 16 cm / Wullstein micro hook, 90°, 0.8 mm, 16 cm		
10-625-02	Wullstein Mikronadel, sehr leicht gebogen, spitz, 16 cm / Wullstein micro needle, very slightly curved, pointed, 16 cm		
10-305-11	Wullstein Saughandgriff mit Unterbrecher, 10,5 cm, Luer-Lock / Wullstein suction handle with interruptor, 10.5 cm, Luer lock		

12 Ohrmuschel-Set 10-905-00

Otoplasty Set 10-905-00

Bestehend aus / Consisting of:

10-360-03	1x Skalpellgriff Nr. 3, 12,5 cm / 1x Scalpel handle no. 3, 12.5 cm	20-582-05	1x Joseph Doppel-Häkchen, 2-zinkig, scharf, 6 mm, 16 cm / 1x Joseph double hook, 2 prongs, sharp, 6 mm, 16 cm
10-360-11	1x Skalpell-Klingen, Nr. 11, 100 Stück / 1x Scalpel blades, no. 11, 100 pieces	20-584-17	1x Fomon Nasenflügelhaken, 2-zinkig, stumpf, 12 mm, 16 cm / 1x Fomon ala hook, 2 prongs, blunt, 12 mm, 16 cm
10-360-15	1x Skalpell-Klingen, Nr. 15, 100 Stück / 1x Scalpel blades, no. 15, 100 pieces	80-503-03	1x Medizinbecher Edelstahl, graduert, 30 ml / 1x Medicine cup, stainless steel, graduated, Ø 50 mm, 30 ml
10-533-12	1x Schere, gebogen, spitz-spitz, 11,5 cm / 1x Scissors, curved, pointed, 11.5 cm	40-553-01	1x Injektionskanüle, gerade, Luer-Lock, 0,8 mm, 12 cm / 1x Injection cannula straight, 0.8 mm, 12 cm, Luer-lock
20-601-14	1x Joseph Schere, spitz-spitz, gebogen, 14,5 cm / 1x Joseph scissors, pointed, curved, 14.5 cm	30-080-08	1x Frazier Saugrohr mit Griffplatte und Unterbrecher, 8 Ch., 9 cm / 1x Frazier suction tube with suction control, 8 Fr., 9 cm
10-543-12	1x Schere, gebogen, stumpf-stumpf, 11,5 cm / 1x Scissors, curved, blunt, 11.5 cm	30-080-10	1x Frazier Saugrohr mit Griffplatte und Unterbrecher, 10 Ch., 9 cm / 1x Frazier suction tube with suction control, 10 Fr., 9 cm
80-448-15	1x Cooper Schere, gebogen, spitz-stumpf, 14,5 cm / 1x Cooper scissors, curved, sharp/blunt, 14.5 cm	80-350-02	6x Halstead-Mosquito-Klemme gebogen, anatomisch, 12,5 cm / 6x Halstead-Mosquito artery forceps, curved, anatomical, 12.5 cm
10-502-10	1x Graefe Pinzette, chirurgisch, 1:2 Zähne, gerade, 0,7 mm, 10 cm / 1x Graefe dressing forceps, 1:2 teeth, straight, 0.7 mm, 10 cm	80-360-14	1x Präparierklemme ohne Sperre, leicht gebogen, anat., 14,5 cm / 1x Artery Forceps without ratchet, anatomical, slightly curved, 14.5 cm
20-710-12	1x Adson-Brown Pinzette, 7:8 Zähne, 12,5 cm / 1x Adson-Brown forceps, 7:8 teeth, 12.5 cm	80-365-14	1x Pean Arterienklemme gerade, anatomisch, fein, 14 cm / 1x Pean artery forceps anatomical, fine, straight, 14 cm
10-481-14	1x Pinzette, anatomisch, gerade, 2 mm, 14,5 cm / 1x Dressing forceps, anatomical, straight, 2 mm, 14.5 cm	80-392-11	6x Backhaus Tuchklemme, gebogen, scharf, 11 cm / 6x Backhaus towel clamp, sharp, curved, 11 cm
10-484-14	1x Pinzette, chirurgisch, 1:2 Zähne, gerade, 1,7 mm, 14,5 cm / 1x Dressing forceps, surgical, 1:2 teeth, straight, 1.7 mm, 14.5 cm	10-555-13	1x Halsey Nadelhalter, Hartmetall, fein, 13 cm / 1x Halsey needle holder TC, delicate, 13 cm
10-206-13-05	1x Watteträger, dreikant, gerieft, 0,9 mm Ø, 13 cm, 5 Stück/Box / 1x Cotton carrier, triangular, serrated, 0.9 mm Ø, 13 cm, 5 pieces/box	80-123-16	1x Bipolare Pinzette, NON-STICK, kniegebogen, extra fein, 0,2 mm, 16,5 cm / 1x Bipolar forceps, NON-STICK, angled, extra fine, 0.2 mm, 16.5 cm
20-500-13	1x Cottle Septum-Messer, 14 cm / 1x Cottle septum knife, 14 cm	80-018-50	1x Bipolares Anschlusskabel, 4,5 m, für Erbe/Storz, autoklavierbar / 1x Bipolar connecting cable, 4.5 m, compatible with Erbe/Storz
20-305-18	1x Freer Doppellevatorium, scharf/stumpf, 18,5 cm / 1x Freer elevator, double ended, sharp/blunt, 18.5 cm		
20-311-20	1x Freer-Joseph Doppel-Raspatorium, 20 cm / 1x Freer-Joseph raspatory, double-ended, 20 cm		
10-356-00	1x Wullstein Raspatorium, 4 mm breit, 16,5 cm / 1x Wullstein raspatory, 4 mm wide, 16.5 cm		
20-577-16	1x Cottle Hauthäkchen, 1-zinkig, gebogen, scharf, 14,5 cm / 1x Cottle skin hook, 1-zinkig, curved, sharp, 14.5 cm		



12 Instrumenten-Set für Retroaurikuläre Ohr-Chirurgie 10-906-00

Retroauricular ear Set 10-906-00

Bestehend aus / Consisting of:

77HW001	Bohrhandstück 1:1, gewinkelt für Bohrer L. 70mm / Osteo-handpiece, 1:1, angled, for 70 mm burs	10-466-13	Williger Wundhaken, 4 scharfe Zähne, 13,5 cm / Williger retractor, 4 sharp prongs, 13.5 cm
BS23507034	Bohrerstände für 34 rotierende Instrumente der L 70 mm / Stand for 34 rotary instruments, length: 70 mm	10-355-08	Plester Gehörgangsraspatorium, flach gebogen, 8 mm, 18 cm / Plester raspatory, curved, 8 mm, 18 cm
CR070010506	Osteotomie-Bohrer, HM, Ø 0,5 mm, 6 Schneiden / Osteotomy bur, TC, Ø 0.5 mm, 6 blades	10-356-00	Wullstein Raspatorium, 4 mm, 16,5 cm / Wullstein raspatory, 4 mm, 16,5 cm
CR070010806	Osteotomie-Bohrer, HM, Ø 0,8 mm, 6 Schneiden / Osteotomy bur, TC, Ø 0.8 mm, 6 blades	10-261-10	Buck Ohrkürette, scharf, leicht gebogen, Gr. 0, 2,0 mm, 16 cm / Buck ear curette, sharp, slightly curved, size 0, 2.0 mm, 16 cm
CR070011006	Osteotomie-Bohrer, HM, Ø 1,0 mm, 6 Schneiden / Osteotomy bur, TC, Ø 1.0 mm, 6 blades	10-261-02	Buck Ohrkürette, scharf, leicht gebogen, Gr. 2, 3,0 mm, 16 cm / Buck ear curette, sharp, slightly curved, size 2, 3.0 mm, 16 cm
CR070011206	Osteotomie-Bohrer, HM, Ø 1,2 mm, 6 Schneiden / Osteotomy bur, TC, Ø 1.2 mm, 6 blades	10-305-11	Wullstein Saughandgriff mit Unterbrecher, 10,5 cm / Wullstein suction handle with suction control, 10.5 cm
CR070011406	Osteotomie-Bohrer, HM, Ø 1,4 mm, 6 Schneiden / Osteotomy bur, TC, Ø 1.4 mm, 6 blades	10-308-08-05	House Nadelsauger, Luer-Lock, 7 cm, 0,8 mm, 5 Stück/Box / House suction cannula, Luer-Lock, 7 cm, 0.8 mm, 5 pieces/box
CR070011606	Osteotomie-Bohrer, HM, Ø 1,6 mm, 6 Schneiden / Osteotomy bur, TC, Ø 1.6 mm, 6 blades	10-308-12-05	House Nadelsauger, Luer-Lock, 7 cm, 1,2 mm, 5 Stück/Box / House suction cannula, Luer-Lock, 7 cm, 1.2 mm, 5 pieces/box
CR070011806	Osteotomie-Bohrer, HM, Ø 1,8 mm, 6 Schneiden / Osteotomy bur, TC, Ø 1.8 mm, 6 blades	10-308-15-05	House Nadelsauger, Luer-Lock, 7 cm, 1,5 mm, 5 Stück/Box / House suction cannula, Luer-Lock, 7 cm, 1.5 mm, 5 pieces/box
CR070012106	Osteotomie-Bohrer, HM, Ø 2,1 mm, 6 Schneiden / Osteotomy bur, TC, Ø 2.1 mm, 6 blades	10-308-20-05	House Nadelsauger, Luer-Lock, 7 cm, 2,0 mm, 5 Stück/Box / House suction cannula, Luer-Lock, 7 cm, 2.0 mm, 5 pieces/box
CR070012708	Osteotomie-Bohrer, HM, Ø 2,7 mm, 8 Schneiden / Osteotomy bur, TC, Ø 2.7 mm, 8 blades	10-648-12	Rosen Raspatorium, 1,0 x 12 mm, 16 cm / Rosen raspatory, 1.0 x 12 mm, 16 cm
CR070013508	Osteotomie-Bohrer, HM, Ø 3,5 mm, 8 Schneiden / Osteotomy bur, TC, Ø 3.5 mm, 8 blades	10-610-18	Rosen Rundschneidmesser, 45°, 1,8 mm, 16 cm / Rosen round knife, 45°, 1.8 mm, 16 cm
CR070014510	Osteotomie-Bohrer, HM, Ø 4,5 mm, 10 Schneiden / Osteotomy bur, TC, Ø 4.5 mm, 10 blades	10-610-25	Rosen Rundschneidmesser, 45°, 2,5 mm, 16 cm / Rosen round knife, 45°, 2.5 mm, 16 cm
CR070015012	Osteotomie-Bohrer, HM, Ø 5,0 mm, 12 Schneiden / Osteotomy bur, TC, Ø 5.0 mm, 12 blades	10-614-25	Plester Rundschneidmesser, vertikal, oval, 3,5 x 2,5 mm, 16 cm / Plester flap knife, vertical, oval, 3.5 x 2.5 mm, 16 cm
CR070016014	Osteotomie-Bohrer, HM, Ø 6,0 mm, 14 Schneiden / Osteotomy bur, TC, Ø 6.0 mm, 14 blades	10-625-02	Wullstein Mikronadel, sehr leicht gebogen, spitz, 16 cm / Wullstein micro needle, very slightly curved, pointed, 16 cm
CR070017016	Osteotomie-Bohrer, HM, Ø 7,0 mm, 16 Schneiden / Osteotomy bur, TC, Ø 7.0 mm, 16 blades	10-630-08	Wullstein Mikrohäkchen, 45°, 0,8 mm, 16 cm / Wullstein micro hook, 45°, 0.8 mm, 16 cm
DR070010691	Diamant-Bohrer, mittlere Körnung, Ø 0,6 mm / Diamond bur, medium grain, Ø 0.6 mm	10-628-08	Wullstein Mikrohäkchen, 90°, 0,8 mm, 16 cm / Wullstein micro hook, 90°, 0.8 mm, 16 cm
DR070010791	Diamant-Bohrer, mittlere Körnung, Ø 0,7 mm / Diamond bur, medium grain, Ø 0.7 mm	10-628-15	Wullstein Mikrohäkchen, 90°, 1,5 mm, 16 cm / Wullstein micro hook, 90°, 1.5 mm, 16 cm
DR070010891	Diamant-Bohrer, mittlere Körnung, Ø 0,8 mm / Diamond bur, medium grain, Ø 0.8 mm	10-733-09	Präparierplatte aus Glas, eine Seite angeraut, 9,5 x 7 x 0,5-0,6 cm / Cutting block, glass, one side satin finished, 9.5 x 7 x 0.5-0.6 cm
DR070011291	Diamant-Bohrer, mittlere Körnung, Ø 1,2 mm / Diamond bur, medium grain, Ø 1.2 mm	10-701-00	Hartmann Ohrzangchen, gerieft, gerade, fein, 0,8 x 4,0 mm, 8 cm / Hartmann ear forceps, serrated, fine, straight, 0.8 x 4.0 mm, 8 cm
DR070011691	Diamant-Bohrer, mittlere Körnung, Ø 1,6 mm / Diamond bur, medium grain, Ø 1.6 mm	10-703-00	Mikro Ohrzangchen, ovale Löffel, gerade, fein, 0,8 x 1,3 mm, 8 cm / Micro ear forceps, oval cups, straight, fine, 0.8 x 1.3 mm, 8 cm
DR070012191	Diamant-Bohrer, mittlere Körnung, Ø 2,1 mm / Diamond bur, medium grain, Ø 2.1 mm	10-705-00	Shea-Bellucci Ohrschere, gerade, 8 mm, 8 cm / Shea-Bellucci ear scissors, straight, 8 mm, 8 cm
DR070012591	Diamant-Bohrer, mittlere Körnung, Ø 2,5 mm / Diamond bur, medium grain, Ø 2.5 mm	10-719-00	PTFE-Schutzhülse mit Fenster, für Ohrzangchen, 11,5 cm, autokl., 10 Stk. / PTFE-protecting sleeve for ear forceps, 11.5 cm, 10 pieces per box
DR070012991	Diamant-Bohrer, mittlere Körnung, Ø 2,9 mm / Diamond bur, medium grain, Ø 2.9 mm	10-731-14	House Quetsch-Zange, 11 x 14 mm, 18 cm / House pressure forceps, 11 x 14 mm, 18 cm
DR070013591	Diamant-Bohrer, mittlere Körnung, Ø 3,5 mm / Diamond bur, medium grain, Ø 3.5 mm	10-481-14	Pinzette, anatomisch, gerade, 2 mm, 14,5 cm / Dressing forceps, anatomical, straight, 2 mm, 14.5 cm
DR070014591	Diamant-Bohrer, mittlere Körnung, Ø 4,5 mm / Diamond bur, medium grain, Ø 4.5 mm	10-555-13	Halsey Nadelhalter, Hartmetall, fein, 13 cm / Halsey needle holder, TC, delicate, 13 cm
DR070016091	Diamant-Bohrer, mittlere Körnung, Ø 6,0 mm / Diamond bur, medium grain, Ø 6.0 mm	10-550-13	Universalschere, gebogen, spitz-stumpf, 13 cm / Universal scissors, curved, blunt-sharp, 13 cm
DR070017091	Diamant-Bohrer, mittlere Körnung, Ø 7,0 mm / Diamond bur, medium grain, Ø 7.0 mm	80-123-16	Bipolare Pinzette, NON-STICK, kniegebogen, extra fein, 0,2 mm, 16,5 cm / Bipolar forceps, NON-STICK, angled, extra fine, 0.2 mm, 16.5 cm
SR070095012	Osteotomie-Bohrer, rostfr. Stahl, Omni E, Ø 5,0 mm, 12 Schn., Knospe / Osteotomy bur, stainless steel, Omni E, Ø 5.0 mm, 12 bl., bud shape	80-018-50	Bipolares Anschlusskabel, 4,5 m, passend für Erbe/Storz, autoklavierbar / Bipolar connecting cable, 4.5 m compatible with Erbe/Storz, autoclavable
10-420-11	Wullstein Wundsperrer, 3:3 Zähne, halbscharf, 11 cm / Wullstein retractor, 3:3 prongs, semi-sharp, 11 cm	80-501-01	Metallschale B1, Ø 40 mm, Volumen 0,02 l, Höhe 19 mm / Metal bowl B1, 40 mm Ø, height 19 mm, 20 ml
10-438-17	Fisch Wundsperrer mit Gelenken, 3:3 Zähne, halbscharf, 16,5 cm / Fisch retractor, with joint, 3:3 prongs, semi-sharp, 16.5 cm	80-501-02	Metallschale B2, Ø 60 mm, Volumen 0,06 l, Höhe 29 mm / Metal bowl B2, 60 mm Ø, height 29 mm, 60 ml
20-601-14	Joseph Schere, spitz-spitz, gebogen, 14,5 cm / Joseph scissors, pointed, curved, 14.5 cm	80-501-04	Metallschale B4, Ø 110 mm, Volumen 0,4 l, Höhe 55 mm / Metal bowl B4, 110 mm Ø, height 55 mm, 400 ml
20-610-15	Reynolds Schere, stumpf-stumpf, gebogen, verjüngte Spitze, 16 cm / Reynolds scissors, blunt-blunt, tapered tips, curved, 16 cm	80-392-09	Backhaus Tuchklemme, gebogen, scharf, 9 cm / Backhaus towel clamp, sharp, curved, 9 cm
10-482-14	Pinzette, anatomisch, gerade, 1,7 mm, 14,5 cm / Dressing forceps, anatomical, straight, 1.7 mm, 14.5 cm	80-350-02	Halstead-Mosquito Klemme, gebogen, anatomisch, 12,5 cm / Halstead-Mosquito artery forceps, curved, anatomical, 12.5 cm
10-485-14	Pinzette, chirurgisch, 1:2 Zähne, gerade, 1,4 mm, 14,5 cm / Dressing forceps, surgical, 1:2 teeth, straight, 1.4 mm, 14.5 cm	10-747-00	Arkansas Ölstein, keilförmig, 90 x 40 mm / Arkansas oil whet stone, wedge-shaped, 90 x 40 mm
10-489-15	Helms Pinzette, anatomisch, gerade, 2,8 mm, 15 cm / Helms dressing forceps, surgical, straight, 2.8 mm, 15 cm		
10-504-10	Hildmann Knorpelpinzette, gerade, 11 cm / Hildmann cartilage forceps, straight, 11 cm		

Bohrerlänge: 70 mm
Bur length: 70 mm

12 Tympanoplastik-Set 10-909-00

Tympanoplasty Set 10-909-00

Bestehend aus / Consisting of:

- 10-450-11 Wullstein Wundsperrer, 3:3 Zähne, 11,5 cm, 2 Stück /
Wullstein retractor, 3:3 prongs, 11.5 cm, 2 pieces
- 10-458-11 Helms Wundsperrer, 2 Zähne rechts, Blatt mit Noppen links, 11 cm /
Helms retractor, 2 prongs right, blade with studs, 11 cm
- 10-459-11 Helms Wundsperrer, 2 Zähne links, Blatt mit Noppen rechts, 11,5 cm /
Helms retractor, 2 prongs left, blade with studs right, 11.5 cm
- 10-468-17 Fisch Wundsperrer mit Gelenken, 3:3 Zähne, halbscharf, 16,5 cm /
Fisch retractor, adjustable, 3:3 prongs, semi-sharp, 16.5 cm
- 20-100-01 Hartmann Nasenspekulum, zerlegbar, für Erwachsene /
Hartmann nose specula, dismantlable, for adults
- 20-601-14 Joseph Schere, spitz-spitz, gebogen, 14,5 cm /
Joseph scissors, pointed, curved, 14.5 cm
- 20-610-15 Reynolds Schere, stumpf-stumpf, gebogen, verjüngte Spitze, 16 cm /
Reynolds scissors, blunt, curved, tapered tips, 16 cm
- 10-534-12 Supercut Schere für Fascie, spitz-spitz, gebogen, 11,5 cm, extrafein /
Supercut scissors for fascie, pointed, curved, 11.5 cm, extra delicate
- 10-482-14 Pinzette, anatomisch, gerade, 1,7 mm, 14,5 cm /
Forceps, anatomical, straight, 1.7 mm, 14.5 cm
- 10-485-14 Pinzette, chirurgisch, 1:2 Zähne, gerade, 1,4 mm, 14,5 cm /
Forceps, 1:2 teeth, straight, 1.4 mm, 14.5 cm
- 10-489-15 Helms Pinzette, anatomisch, gerade, 2,8 mm, 15 cm /
Helms forceps, anatomical, straight, 2.8 mm, 15 cm
- 20-710-12 Adson Brown Pinzette, 7:8 Zähne, 12,5 cm /
Adson Brown forceps, 7:8 teeth, 12.5 cm
- 10-504-10 Hildmann Knorpelpinzette, gerade, 11 cm /
Hildmann cartilage forceps, straight, 11 cm
- 10-200-01 Hartmann Ohrtrichter, Gr. 1 / Hartmann speculum, size 1
- 10-200-02 Hartmann Ohrtrichter, Gr. 2 / Hartmann speculum, size 2
- 10-200-03 Hartmann Ohrtrichter, Gr. 3 / Hartmann speculum, size 3
- 10-200-04 Hartmann Ohrtrichter, Gr. 4 / Hartmann speculum, size 4
- 10-466-13 Williger Wundhaken, 4-zinkig, scharf, 13,5 cm /
Williger retractor, 4 prongs, sharp, 13.5 cm
- 10-355-08 Plester Gehörgangsraspatorium, 8 mm, 18 cm /
Plester raspatory, 8 mm, 18 cm
- 10-356-00 Wullstein Raspatorium, 4 mm, 16,5 cm /
Wullstein raspatory, 4 mm, 16.5 cm
- 10-261-10 Buck Ohrkürette, Gr. 0, scharf, leicht gebogen, 2,0 mm, 16 cm /
Buck ear curette, size 0, sharp, slightly curved, 2.0 mm, 16 cm
- 10-261-02 Buck Ohrkürette, Gr. 2, scharf, leicht gebogen, 3,0 mm, 16 cm /
Buck ear curette, size 2, sharp, slightly curved, 2.0 mm, 16 cm
- 30-105-06 Frazier Saugrohr, 6 Ch., konisch, tränenförmige Sogsteuerung, AL 80 mm /
Frazier suction tube, 6 Fr., conical, tearform suction control, WL 80 mm
- 30-105-10 Frazier Saugrohr, 10 Ch., konisch, tränenförmige Sogsteuerung, AL 80 mm /
Frazier suction tube, 10 Fr., conical, tearform suction control, WL 80 mm
- 10-305-11 Wullstein Saughandgriff mit Unterbrecher, 10,5 cm /
Wullstein suction handle with suction control, 10.5 cm
- 10-308-08-05 House Nadelsauger, Luer Lock, 0,8 mm, 5 Stück/Box /
House suction cannula, Luer lock, 0.8 mm, 5 pieces/box
- 10-308-12-05 House Nadelsauger, Luer Lock, 1,2 mm, 5 Stück/Box /
House suction cannula, Luer lock, 1.2 mm, 5 pieces/box
- 10-308-15-05 House Nadelsauger, Luer Lock, 1,5 mm, 5 Stück/Box /
House suction cannula, Luer lock, 1.5 mm, 5 pieces/box
- 10-308-20-05 House Nadelsauger, Luer Lock, 2,0 mm, 5 Stück/Box /
House suction cannula, Luer lock, 2.0 mm, 5 pieces/box
- 10-667-00 Doppellöffel nach House, Gr.0, leicht gebogen, 17 cm /
House curette, double ended, size 0, slightly curved, 17 cm
- 10-667-01 Doppellöffel nach House, Gr.1, leicht gebogen, 17 cm /
House curette, double ended, size 1, slightly curved, 17 cm
- 10-667-02 Doppellöffel nach House, Gr.2, leicht gebogen, 17 cm /
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- 10-610-12 Rosen Rundschnittmesser, 1,2 mm, 45°, 16 cm /
Rosen round knife, 1.2 mm, 45°, 16 cm
- 10-610-18 Rosen Rundschnittmesser, 1,8 mm, 45°, 16 cm /
Rosen round knife, 1.8 mm, 45°, 16 cm
- 10-610-25 Rosen Rundschnittmesser, 2,5 mm, 45°, 16 cm /
Rosen round knife, 2.5 mm, 45°, 16 cm
- 10-614-25 Plester Rundschnittmesser, oval, vertikal, 16 cm /
Plester round knife, oval, vertical, 16 cm
- 10-618-02 Wullstein Sichelmesser, leicht gebogen, sehr fein, 16 cm /
Wullstein sickle knife, slightly curved, delicate, 16 cm
- 10-625-02 Wullstein Mikronadel, sehr leicht gebogen, spitz, 16 cm, 2 Stück /
Wullstein micro needle, very slightly curved, pointed, 16 cm, 2 pieces
- 10-627-02 Wullstein Mikrohäkchen "Color line", 45°, 0,2 mm, 16 cm /
Wullstein micro hook "Color line", 45°, 0.2 mm, 16 cm
- 10-627-04 Wullstein Mikrohäkchen "Color line", 45°, 0,4 mm, 16 cm /
Wullstein micro hook "Color line", 45°, 0.4 mm, 16 cm
- 10-627-06 Wullstein Mikrohäkchen "Color line", 45°, 0,6 mm, 16 cm /
Wullstein micro hook "Color line", 45°, 0.6 mm, 16 cm
- 10-626-06 Wullstein Mikrohäkchen "Color line", 90°, 0,6 mm, 16 cm /
Wullstein micro hook "Color line", 90°, 0.6 mm, 16 cm
- 10-626-08 Wullstein Mikrohäkchen "Color line", 90°, 0,8 mm, 16 cm /
Wullstein micro hook "Color line", 90°, 0.8 mm, 16 cm
- 10-626-10 Wullstein Mikrohäkchen, "Color line" 90°, 1,0 mm, 16 cm /
Wullstein micro hook "Color line", 90°, 1.0 mm, 16 cm
- 10-700-01 Hartmann Ohrzängchen, gerieft, fein, gerade, 8 cm /
Hartmann ear forceps, serrated, delicate, straight, 8 cm
- 10-703-00 Mikro-Ohrzängchen, ovale Löffel, gerade, fein, 8 cm /
Micro Ear forceps, oval curette, straight, delicate, 8 cm
- 10-705-01 Bellucci Ohr Schere, gerade, fein, 4,0 mm, 8 cm /
Bellucci ear forceps, straight, delicate, 4.0 mm, 8 cm
- 10-555-13 Halsey Nadelhalter, Hartmetall, fein, 13 cm /
Halsey needle holder, tungsten carbide, delicate, 13 cm
- 10-550-13 Universalschere, spitz-stumpf, gebogen, 13 cm /
Universal scissors, blunt / pointed, curved, 13 cm
- 80-501-01 Metallschale B1, Ø 40 mm, Volumen 0,02 l, Höhe 19 mm /
Metal bowl B1, 40 mm Ø, 20 ml, 19 mm height
- 80-501-02 Metallschale B2, Ø 60 mm, Volumen 0,06 l, Höhe 29 mm /
Metal bowl B2, 60 mm Ø, 60 ml, 29 mm height
- 80-501-04 Metallschale B4, Ø 110 mm, Volumen 0,40 l, Höhe 55 mm /
Metal bowl B4, 110 mm Ø, 400 ml, 55 mm height
- 80-660-14 Norm-Sterilisations-Container, Normalboden, Thermoloc, Aluminium /
Norm sterilisation container, unperforated bottom, Thermoloc, alu
- 80-670-49 Siebkorb, Edelstahl-Drahtgeflecht, Fallgriffe, 485 x 245 x 60 mm /
Basket, stainless-steel wire mesh, slide handles, 485 x 245 x 60 mm
- 80-680-04 Codier-Schild, 60 x 20 mm, Farbe: grün, 20 Buchstaben, 2x /
Coding labels, 60 x 20 mm, color: green, 20 letters, 2x
- 80-106-16 Bipolare Pinzette, NON-STICK, gerade, Spitze gewinkelt, 1,0 mm, 16 cm /
Bipolar forceps, NON-STICK, straight, angled tip, 1.0 mm, 16 cm
- 80-018-50 Bipolares Anschlusskabel, 4,5 m, passend für Erbe/Storz, autoklavierbar /
Bipolar connecting cable, 4.5 m, comp. w. Erbe/Storz, autoclavable



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10-665-02.....	55	10-758-00.....	78	70-211-50.....	6		
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Notizen

Notes



Umrechnungstabelle - Ch/Fr - mm - inch

Conversion table - Ch/Fr - mm - inch

Charrière (CH) French (F)	mm	Inch
1	0,33	0,013
2	0,67	0,025
3	1,00	0,039
4	1,33	0,051
5	1,67	0,065
6	2,00	0,079
7	2,33	0,092
8	2,67	0,105
9	3,00	0,118
10	3,33	0,131
11	3,67	0,144
12	4,00	0,156
13	4,33	0,170
14	4,67	0,184
15	5,00	0,197
16	5,33	0,210
17	5,67	0,223
18	6,00	0,237
19	6,33	0,249
20	6,67	0,263
21	7,00	0,276
22	7,33	0,288
23	7,67	0,302
24	8,00	0,315
25	8,33	0,328
26	8,67	0,341
27	9,00	0,354
28	9,33	0,367
29	9,67	0,380
31	10,23	0,407
32	10,67	0,420
34	11,33	0,446
36	12,00	0,472
38	12,67	0,494
40	13,33	0,520
45	15,00	0,591



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Änderungen und Irrtümer – einschließlich Bilder - vorbehalten.
Produktsortiment kann pro Land abweichen.

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Product range might vary per country.



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