



RZ
Medizintechnik
GmbH

Progress in Surgery

FEEL
YOUR
SENSES





OTOLOGY

Instruments and
Equipment for
Otology



100-041-200 240V

100-041-201 110V

Otoskop LED Set im Etui

Inhalt:

- Röhren mit 4 schwarzen, wiederverwendbaren Ohrtrichtern, Größen 2-5mm und je 3 blauen Einwegohrtrichtern 2,5mm (L1/L2) bzw. 2mm (L3) und 4mm
- Operationslinse mit 4-fach Vergrößerung (nur bei L3 im Lieferumfang enthalten)
- Etui mit Sicherheitsverschluss
- Eine Ersatzlampe

Content:

- Tubes with 4 black, reusable ear specula, sizes 2-5mm and each with 3 blue 2.5mm (L1/L2) or 2mm (L3) and 4mm disposable ear specula
- Operation lens with 4-fold magnification (included only with L3)
- Deluxe hard case with safety catch
- One spare lamp



100-041-202 240V

100-041-203 110V

Diagnostic LED Set

Inhalt:

- FO Otoskop
- FO Nasenspekulum
- FO Zungenspatelhalter
- Ersatzlampe
- Röhren mit 4 schwarzen, wiederverwendbaren Ohrtrichtern, Größen 2-5mm und je 3 blauen Einwegohrtrichtern 2,5mm (L1/L2) bzw. 2mm (L3) und 4mm
- Operationslinse mit 4-fach Vergrößerung (nur bei L3 im Lieferumfang enthalten)
- Etui mit Sicherheitsverschluss

Content:

- FO Otolyspe
- FO nasal speculum
- FO tongue blade holder
- Replacement bulb
- Tubes with 4 black, reusable ear specula, sizes 2-5mm and each with 3 blue 2.5mm (L1/L2) or 2mm (L3) and 4mm disposable ear specula
- Operation lens with 4-fold magnification (included only with L3)
- Deluxe hard case with safety catch



100-041-207



100-041-206

100-041-207

Li-Ionen Akku 3.5V für Otoskop Sets 100-041-200/-201/-202/-203

Li-Ion Rechargeable Battery 3.5V

for Otoscope Sets 100-041-200/-201/-202/-203

100-041-206

Li-Ionen Akku 3.5V für Otoskop Set 100-041-204 / -205

Li-Ion Rechargeable Battery 3.5V for Otoscope Set 100-041-204 / -205



100-041-204 240V

100-041-205 110V

Deluxe Diagnostic LED Set

Inhalt:

- FO Otoskop
- FO Ophthalmoskop
- FO Nasenspekulum
- FO Zungenspatelhalter
- FO Lampenträger
- Röhrchen mit 4 schwarzen, wiederverwendbaren Ohrtrichtern, Größen 2-5mm und je 3 blauen Einwegohrtrichtern 2,5mm (L1/L2) bzw. 2mm (L3) und 4mm
- Zwei Kehlkopfspiegel Nr. 3 und Nr. 4
- Etui mit Sicherheitsverschluss
- Zwei Ersatzlampen

Content:

- FO Otoskope
- FO Ophthalmoscope
- FO nasal speculum
- FO tongue blade holder
- FO bent-arm illuminator
- Tubes with 4 black, reusable ear specula, sizes 2-5mm and each with 3 blue 2.5mm (L1/L2) or 2mm (L3) and 4mm disposable ear specula
- Two laryngeal mirrors No. 3 and No. 4
- Deluxe hard case with safety catch
- Two spare lamps



100-041-208

LADEGERÄT für Otoskop 100-041-204, 240V

CHARGER for Otoscope 100-041-204, 240V

100-041-209

LADEGERÄT für Otoskop 100-041-205, 120V

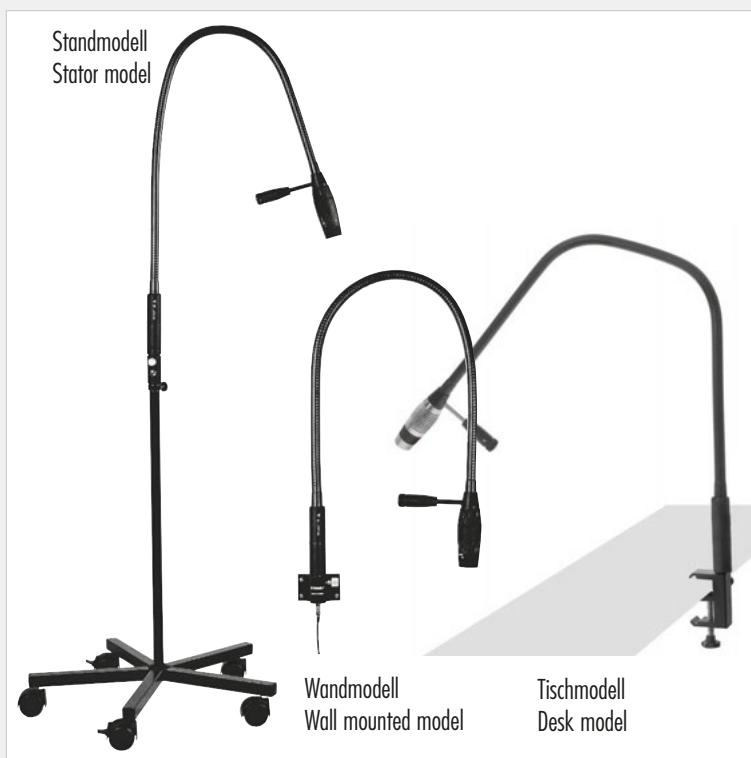
CHARGER for Otoscope 100-041-205, 120V

MODERNE Untersuchungsleuchte mit optimaler Halogenbeleuchtung 8V, geeignet für kleinere Operationen in Praxen von Gynäkologen oder Zahnärzten und für Diagnosen in anderen medizinischen Bereichen. Die fokussierbare Linse an der Vorderseite des Kopfes ermöglicht eine optimale Einstellung der Größe des beleuchteten Untersuchungsfeldes. Die Lichtstärke kann mit Hilfe des seitlich angebrachten Rheostates reguliert werden. Der hochflexible Spezialarm kann in alle Richtungen bewegt werden und bleibt in jeder Position fest stehen. Das Gerät ist als Tischmodell, Wandmodell oder als Standmodell mit Stativ (Basisseinheit mit zum Teil antistatischen und fixierbaren Rollen und Stange) aus pulverbeschichtetem Stahl erhältlich. Durch die praktische Universalklemme kann das Tischmodell auch an Betten oder Wandschienen in Krankenhäusern angebracht werden.

Very attractive state-of-the art examination light with optimal halogen illumination 8V suitable for operations in offices of gynaecologists dentists and for diagnosis in other medical fields. The focussing lens at the instrument head allows to adjust the size of the illuminated examination field. The light intensity can be adjusted by means of the rheostat. The highly flexible special arm can be moved in all directions and remains in the requested position. The examination light is available as desk model, wall model or stand model with mobile stainless steel stand (base with partly antistatic and partly fixable casters and column), gray powder-coated. The practical universal clamp allows to attach the desk model also to beds or rails in hospitals.



100-200-220 220V
100-200-110 110V
Untersuchungsleuchte mit Halogenlampe 8V
Examination light with halogen illumination 8V



100-201-220 220V
100-201-110 110V
Diagnostik Tischmodell, mit Halogenbeleuchtung 8V
Diagnostic desk modell, with halogen illumination 8V

100-202-220 220V
100-202-110 110V
Diagnostik Wandmodell, mit Halogenbeleuchtung 8V
Diagnostic wall mounted model, with halogen illumination 8V

100-203-220 220V
100-203-110 110V
Diagnostik Standmodell, mit Halogenbeleuchtung 8V
Diagnostic stator model, with halogen illumination 8V

100-102-100

XENON OP Stirnleuchte, Stirnband schwarz, KI-Kabel geteilt,
Stirnband mit Kopfbügel

XENON OP Headlight, black head band, super light-weight,
leather padded FO cable bifurcated, top headband

Distanz/Distance	Spot Ø
20 cm	11 mm - 67 mm
30 cm	12 mm - 101 mm
40 cm	13 mm - 136 mm
50 cm	14 mm - 172 mm
60 cm	16 mm - 208 mm



100-103-100

Kopfleuchte mit Kaltlichtkabel Adaptern zur Verwendung an üblichen
Kaltlichtquellen, mit Lederpolsterung

Head Light with light cable for use with all common light sources,
with leather pad at silicone band





100-104-000

CLAR

Stirnlampe 55, komplett, 6 V, mit Celluloidband
Head Light 55, complete, 6 V, with Celluloidband

100-104-001

Weißes Stirnband aus Celluloid allein, zur Stirnlampe 100-104-000
White celluloid headband only, for head light 100-104-000

100-104-002

Reflektor allein, für Stirnlampe 100-104-000
Mirror only, for head light 100-104-000

100-104-006

Ersatz-Birnchen allein, 6Volt
Spare bulb, 6 volt

100-104-003

Ersatz-Schaumgummipolsterung für Stirnband 100-104-001
Spare foam rubber pad, for headband 100-104-001



100-103-120

FO Mini Stirnleuchte STANDARD, fokussierbar,
ergonomisches Stirnband, 2,6mm Ø FO Kabel
FO Head Light STANDARD, focussable, ergonomical
head band, 2.6mm Ø FO cable

100-103-400

LED Kopfleuchte mit Li-Ionen Batterie, Stirnband mit stufenlosem Einstellrad, inkl. Ladegerät
LED Head light with Li-Ion battery, head band with stepless regulation wheel, including charger



100-100-002

ZIEGLER

Stirnband aus Kunststoff allein, schwarz
Headband, plastic, black



100-100-003

ZIEGLER

Stirnband aus Kunststoff allein, weiß
Headband, plastic, white



100-105-010

MURPHY

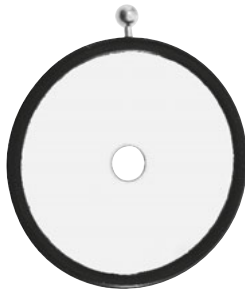
Stirnband aus Celluloid, weiß, allein
Headband, celluloid, white

100-100-006

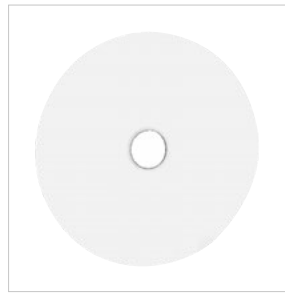
Doppelgelenk aus Metall
Double joint of metal

100-100-006





100-100-011



100-100-001

100-100-011

ZIEGLER Ø 90 mm

Spiegel allein, mit Gummifassung

Head mirror only, rubber coated

100-100-001

ZIEGLER

Reflektionsspiegel allein, 90 mm Ø, mit Metallrand

Head mirror only, 90 mm Ø, with metal-coating



250-039-000



250-037-000



250-038-000



250-044-000



250-048-000



250-045-000



250-051-000



250-052-000



250-059-000

Adapterstücke / Adaptor pieces

250-039-000 RZ/Storz

250-038-000 ACMI/British Standard CUDA

250-048-000 Luxtec

250-051-000 Stryker

250-037-000 Wolf

250-044-000 Olympus

250-045-000 Olympus - Standard

250-052-000 Heine

250-059-000 Pentax



100-610-100

Kopflupe, 1.8 x Vergrößerung mit verstellbarem Kopfband
Head Loup, 1.8x magnification with adjustable head band



100-310-100

FRENZEL

Nystagmus-Leuchtblille, mit festen Gläsern
Nystagmus spectacles with fixed lenses



100-310-200

FRENZEL

Nystagmus-Leuchtblille mit aufklappbaren Gläsern
Nystagmus spectacles with hinged lenses



100-310-300

FRENZEL

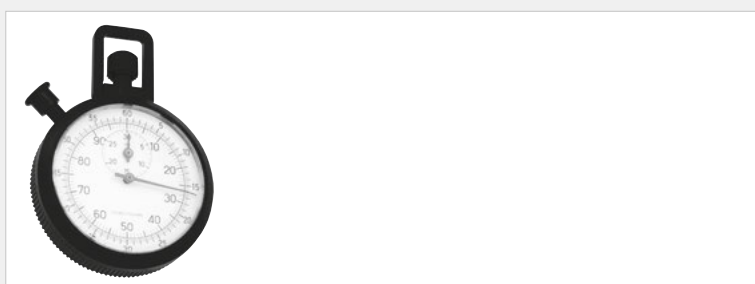
Nystagmus- Leuchtblille, mit angebautem Batterie-Handgriff und festen Gläsern
Nystagmus spectacles, with battery attachment, fixed lenses

100-310-310

Batteriegriff allein, für 100-310-300
Battery handle only, for 100-310-300

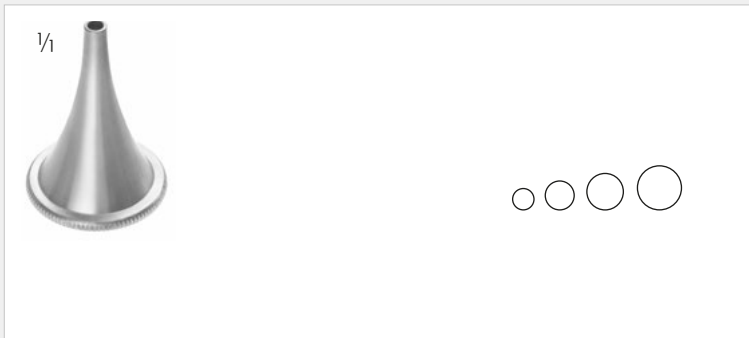
100-310-311

Ersatzlampe, 4 Volt, für Nystagmusbrillen
Spare bulb, 4 volt, for Nystagmus Spectacles



100-310-410

Stoppuhr 1/5 Sek. und 1/100 Min
Stopwatch 1/5 sec. and 1/100 min

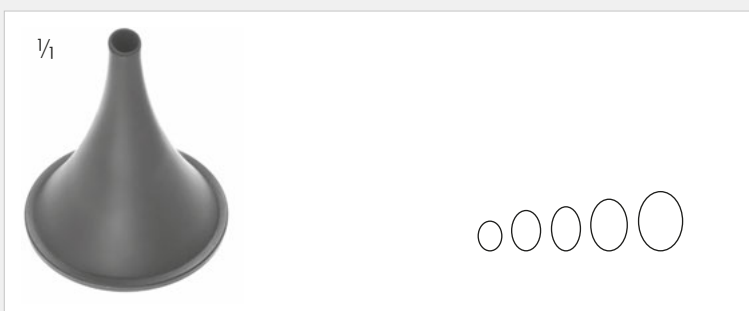


- 410-009-003 Innen/inner Ø: 2mm, Außen/outer Ø: 3mm
 410-009-004 Innen/inner Ø: 3mm, Außen/outer Ø: 4mm
 410-009-005 Innen/inner Ø: 4mm, Außen/outer Ø: 5mm
 410-009-006 Innen/inner Ø: 5mm, Außen/outer Ø: 6mm
 410-009-100 Satz aus 4 Teilen / Set of 4 pieces

POLITZER

Ohrspekula rund, gerade, 19mm Ø Rändel, 27mm Länge, rostfrei, für Kinder

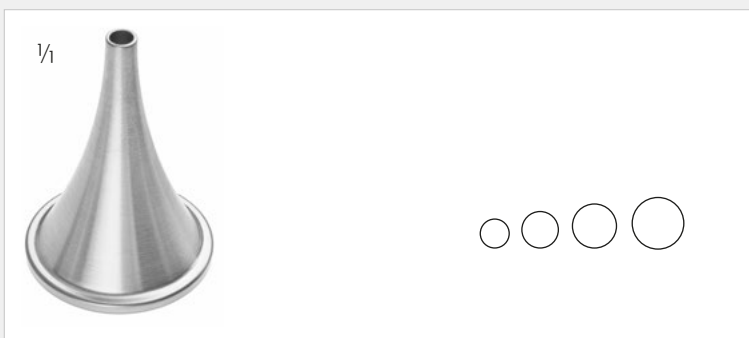
Aural Speculum round, 19mm knurl Ø, straight, 27mm length, stainless, for children



- 410-011-001 Außen/outer Ø: 3.3x4.1mm
 410-011-002 Außen/outer Ø: 4.0x5.5mm
 410-011-003 Außen/outer Ø: 5.0x7.5mm
 410-011-004 Außen/outer Ø: 6.0x8.5mm
 410-011-005 Außen/outer Ø: 7.0mmx9.5mm
 410-011-100 Satz aus 5 Teilen / Set of 5 pieces

SHEA

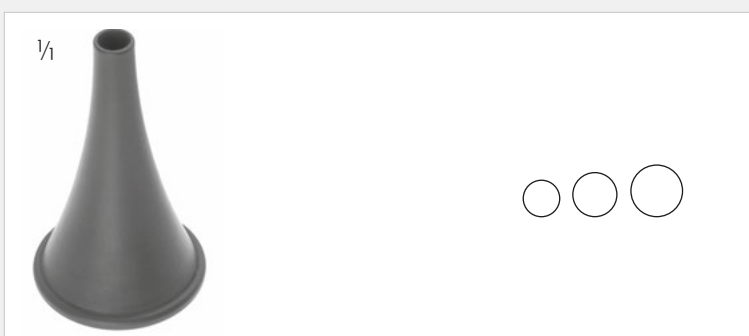
Ohrspekula oval, abgeschrägt, geschwärzt, 38mm Länge
 Aural Speculum oval, angled, black finish, 38mm length



- | | Innen/inner Ø | Außen/outer Ø |
|-------------|-----------------------------------|---------------|
| 410-014-004 | 3mm | 4mm |
| 410-014-005 | 4mm | 5mm |
| 410-014-006 | 5mm | 6mm |
| 410-014-007 | 6mm | 7mm |
| 410-014-100 | Satz aus 4 Teilen/Set of 4 Pieces | |

TOYNBEE

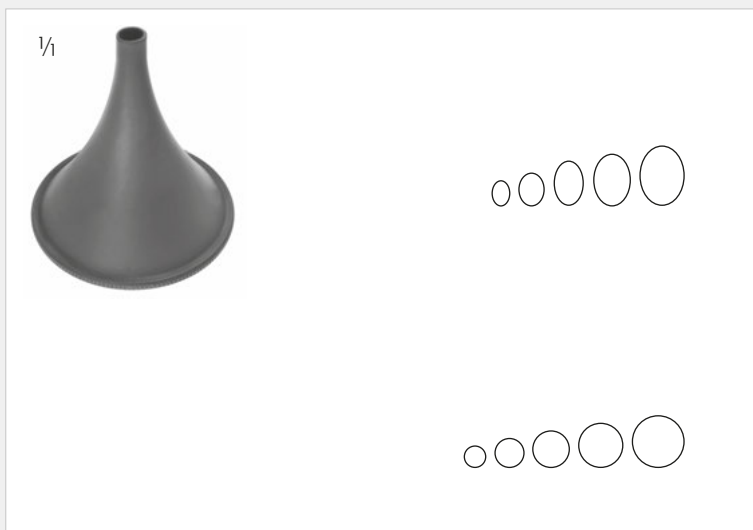
Ohrspekula rund, gerade 36mm Länge
 Aural Speculum round, straight, 36mm length



- | | Innen/inner Ø | Außen/outer Ø |
|-------------|-----------------------------------|---------------|
| 410-014-105 | 4mm | 5mm |
| 410-014-106 | 5mm | 6mm |
| 410-014-107 | 6mm | 7mm |
| 410-014-110 | Satz aus 3 Teilen/Set of 3 Pieces | |

TOYNBEE

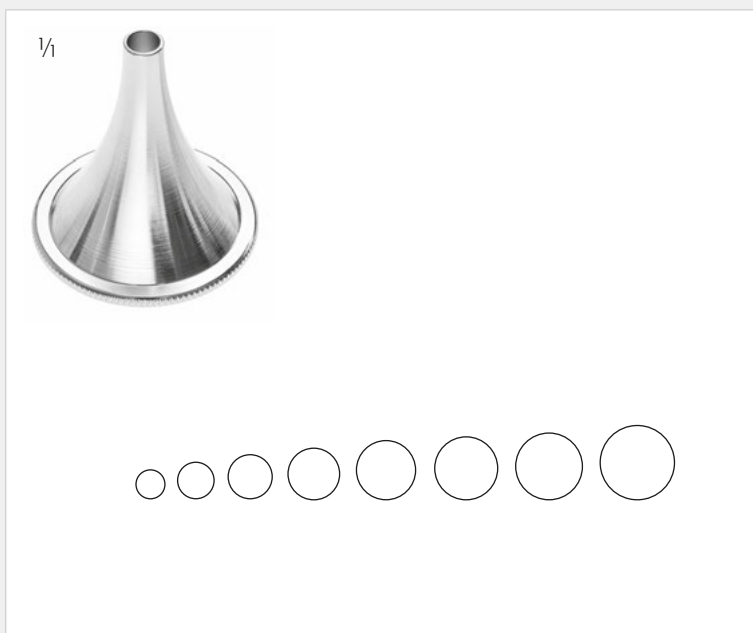
Ohrspekula rund, geschwärzt, 40mm Länge
 Aural Speculum round, black finish, 40mm length



- 410-015-001 Außen/outer $\varnothing$: 2.5x3.5mm
 410-015-002 Außen/outer $\varnothing$: 3.5x4.5mm
 410-015-003 Außen/outer $\varnothing$: 4.0x6.0mm
 410-015-004 Außen/outer $\varnothing$: 5.0x7.0mm
 410-015-005 Außen/outer $\varnothing$: 4.0x8.0mm
 410-015-100 Satz aus 5 Teilen / Set of 5 pieces
 410-016-001 Außen/outer $\varnothing$: 3mm, rund/round
 410-016-002 Außen/outer $\varnothing$: 4mm, rund/round
 410-016-003 Außen/outer $\varnothing$: 5mm, rund/round
 410-016-004 Außen/outer $\varnothing$: 6mm, rund/round
 410-016-005 Außen/outer $\varnothing$: 7mm, rund/round
 410-016-100 Satz aus 5 Teilen / Set of 5 pieces

ROSEN

Ohrspekula gerade, geschwärzt, 38mm Länge
 Aural Speculum straight, black finish, 38mm length



- 410-018-004 Innen/inner $\varnothing$: 3mm, Außen/outer $\varnothing$: 4mm
 Länge/length: 31mm
 410-018-005 Innen/inner $\varnothing$: 4mm, Außen/outer $\varnothing$: 5mm
 Länge/length: 32mm
 410-018-006 Innen/inner $\varnothing$: 5mm, Außen/outer $\varnothing$: 6mm
 Länge/length: 33mm
 410-018-007 Innen/inner $\varnothing$: 6mm, Außen/outer $\varnothing$: 7mm
 Länge/length: 34mm
 410-018-008 Innen/inner $\varnothing$: 7mm, Außen/outer $\varnothing$: 8mm
 Länge/length: 35mm
 410-018-085 Innen/inner $\varnothing$: 7.6mm, Außen/outer
 $\varnothing$: 8.5mm
 Länge/length: 36mm
 410-018-009 Innen/inner $\varnothing$: 8mm, Außen/outer $\varnothing$: 9mm
 Länge/length: 36mm
 410-018-010 Innen/inner $\varnothing$: 8mm, Außen/outer $\varnothing$: 10mm
 Länge/length: 37mm

BOUCHERON

Ohrspekula rund, gerade, verchromt
 Ear speculum, round, straight end, chrome plated



- Erwachsene/Adult: 36mm Länge/length
 410-019-030 Außen/outer $\varnothing$: 3mm
 410-019-040 Außen/outer $\varnothing$: 4mm
 410-019-050 Außen/outer $\varnothing$: 5mm
 410-019-060 Außen/outer $\varnothing$: 6mm
 410-019-075 Außen/outer $\varnothing$: 7.5mm

- Kinder/Children: 27mm Länge/length
 410-019-003 Außen/outer $\varnothing$: 3mm
 410-019-004 Außen/outer $\varnothing$: 4mm
 410-019-005 Außen/outer $\varnothing$: 5mm

HARTMANN

Ohrspekula rund, gerade, rostfrei
 Aural Speculum round, straight, stainless



	Innen/inner Ø	Außen/outer Ø
410-021-001	3x4mm	3.8x4.8mm
410-021-002	4x5mm	4.8x5.8mm
410-021-003	4.5x5.5mm	5.3x6.3mm
410-021-004	5x6mm	5.8x6.8mm
410-021-005	5.5x6.5mm	6.3x7.3mm
410-021-006	6x7mm	6.8x7.8mm
410-021-007	6.5x7.5mm	7.3x8.3mm
410-021-008	7x8mm	7.8x8.8mm
410-021-009	7.5x8.5mm	8.3x9.3mm
410-021-000	Satz mit 9 Stück Set of 9 pieces	

FARRIOR

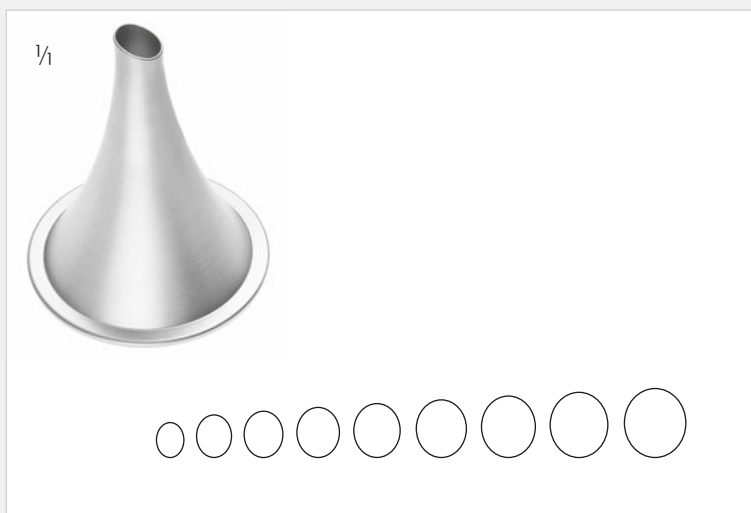
Ohrspekula oval, gerade, 43mm, rostfrei
Aural Speculum oval, straight, 43mm, stainless



	Innen/inner Ø	Außen/outer Ø
410-022-001	3.3mm	4.1mm
410-022-002	4.3mm	5.1mm
410-022-003	4.8mm,	5.6mm
410-022-004	5.3mm	6.1mm
410-022-005	5.8mm	6.6mm
410-022-006	6.3mm	7.1mm
410-022-007	6.7mm	7.5mm
410-022-008	7.2mm	8.0mm
410-022-009	7.7mm	8.5mm
410-022-000	Satz aus 9 Teilen Set of 9 Pieces	

FARRIOR

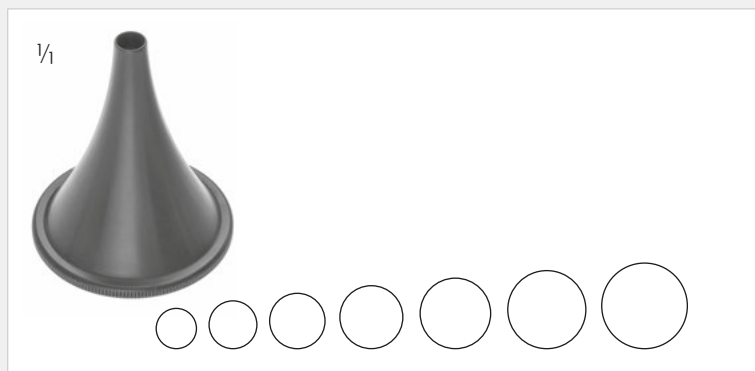
Ohrspekula rund, gerade, 35mm Ø Rändel, 43mm Länge, rostfrei
Aural Speculum round, 35mm knurl Ø, straight, 43mm length, stainless



	Innen/inner Ø	Außen/outer Ø
410-023-001	3x4mm	3.8x4.8mm
410-023-002	4x5mm	4.8x5.8mm
410-023-003	4.5x5.5mm	5.3x6.3mm
410-023-004	5x6mm	5.8x6.8mm
410-023-005	5.5x6.5mm	6.3x7.3mm
410-023-006	6x7mm	6.8x7.8mm
410-023-007	6.5x7.5mm	7.3x8.3mm
410-023-008	7x8mm	7.8x8.8mm
410-023-009	7.5x8.5mm	8.3x9.3mm
410-023-000	Satz mit 9 Stück Set of 9 pieces	

FARRIOR

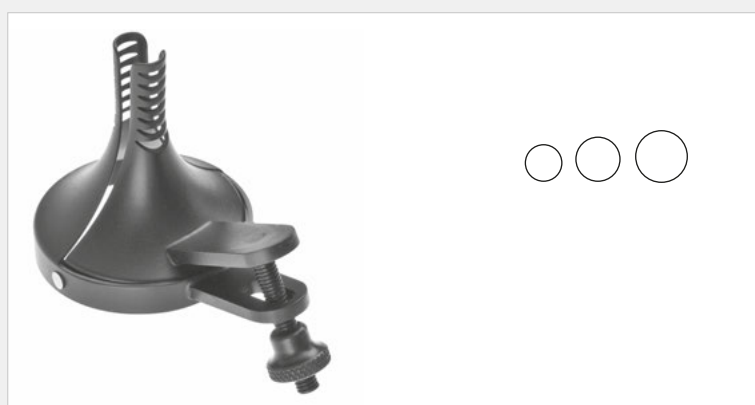
Ohrspekula oval, 20° abgeschrägt, 43mm, rostfrei
Aural Speculum oval, 20° oblique end, 43mm, stainless



	Innen/inner Ø	Außen/outer Ø
410-024-001	4.5mm	5.5mm
410-024-002	5.5mm	6.5mm
410-024-003	6.5mm	7.5mm
410-024-004	7.5mm	8.5mm
410-024-005	8.5mm	9.5mm
410-024-006	9.5mm	10.5mm
410-024-007	10.5mm	11.5mm

FARRIOR

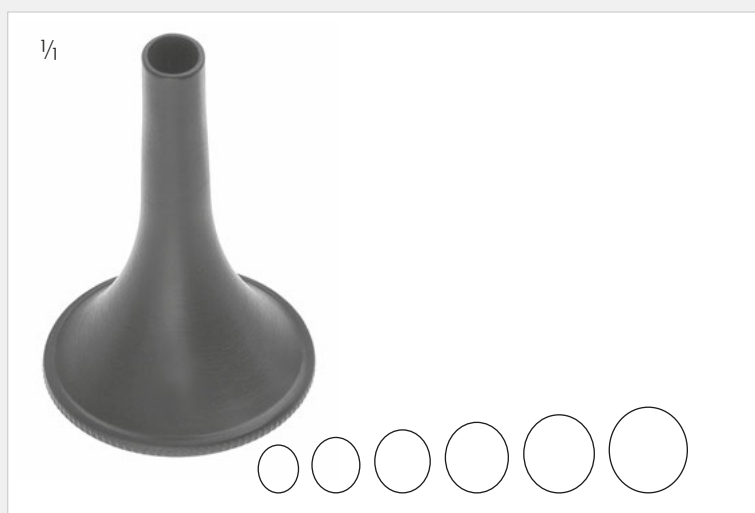
Ohrspekula rund, gerade, 36mm, geschwärzt
Aural Speculum round, 36mm straight end, black finish



	Innen/inner Ø	Außen/outer Ø
410-032-050	4mm	5mm
410-032-060	5mm	6mm
410-032-070	6mm	7mm

HOLMGREN

Ohrspekula, selbsthaltend, geschwärzt
Aural Speculum, self retaining, black finish



	Innen/inner Ø	Außen/outer Ø
410-132-001	4.5x5.5mm	5.5x6.5mm
410-132-002	5.5x6.5mm	6.5x7.5mm
410-132-003	6.5x7.5mm	7.5x8.5mm
410-132-004	7.5x8.5mm	8.5x9.5mm
410-132-005	8.5x9.5mm	9.5x10.5mm
410-132-006	9.5x10.5mm	10.5x11.5mm

ZOELLNER

Ohrspekula oval, gerade, geschwärztes Aluminium, 38mm Länge
Aural Speculum oval, straight, black finished aluminium, 38mm length



170-786-030	30mm Blatt/blade
170-786-050	50mm Blatt/blade
170-786-075	75mm Blatt/blade

SCHWABER

Gelenk Spekula, 165mm
Specula with hinge, 6 1/2 inch



410-150-000 Satz à 4 Stück / Set of 4 sizes

410-150-003 410-150-004 410-150-005



Ø 7,5 mm



Ø 8,0 mm



Ø 9,0 mm

410-150-006



Ø 12,0 mm

BRUENINGS

Anastigmatische Ohrlupe, komplett mit: 1 Lupenkörper voll 410-150-007, 4 Ohrspekula, 1 Saugball mit Gummischlauch und Steckkonus 410-150-008

Aural magnifier, anastigmatic, complete with: 1 diagnostic head 410-150-007, 4 Ear specula, 1 rubber bulb with rubber tube and connection cone 410-150-008



410-150-100 Satz à 6 Stück / Set of 6 sizes

410-150-001 410-150-002 410-150-003



Ø 5,3 mm



Ø 6,5 mm



Ø 7,5 mm

410-150-004 410-150-005 410-150-006



Ø 8,0 mm



Ø 9,0 mm



Ø 12,0 mm

BRUENINGS

Anastigmatische Ohrlupe, komplett mit: 1 Lupenkörper voll 410-150-007, 1 Lupenkörper mit Segment-Ausschnitt, 6 Ohrspekula, 1 Saugball mit Gummischlauch und Steckkonus 410-150-008

Aural magnifier, anastigmatic, complete with: 1 diagnostic head 410-150-007, 1 operating head, 6 ear specula, 1 rubber tube and connection cone 410-150-008



250-066-275

LEYLA

Ohrspekulahalter komplett, einstellbar zum Befestigen an Kopfbügel oder Stange des OP-Tisches. Der Arm wird durch den Spannhebel über einen Exzenter gespannt und in fixe Stellung gebracht.
Aural specula holder, flexible, for attaching to head bow or to the railing of operating table. The flexible part can be put in any fixed position by means of the wing-screw attached to an eccentric.



251-010-000

RZ

Flexibler Arm komplett mit Haltestange ohne Gelenkkloben
Flexible Arm complete with holding rod without Rotating Clamp

251-010-100

Gelenkkloben für flexiblen Spannarm zur Befestigung am OP-Tisch
Rotating clamp for flexible tension arm attachable to operating table



251-010-200

Ohrspekula Halter für flexiblen Spannarm
Aural specula holder for flexible arm

251-010-300

Endoskop Halterung für flexiblen Spannarm
Endoscope clamp for flexible arm

251-010-400

Nasenspekula Halterung für flexiblen Spannarm
Nasal specula clamp for flexible arm



410-200-400

Hörschlauch mit 6 Oliven in 3 Größen auf weißer Kunststoffplatte,
Schlauch mit Winkelstück, Arztolive schwarz

2 Oliven Gr.1	410-200-401
2 Oliven Gr.2	410-200-402
2 Oliven Gr.3	410-200-403
1 Olive schwarz	410-200-404
1 Kunststoffplatte	410-200-405
1 Schlauch	410-200-406
2 Winkelstücke	410-200-407

Auditory tube, complete with:

6 aural pieces in 3 sizes on plastic baseplate, tube with metal elbow,
physician ear piece black

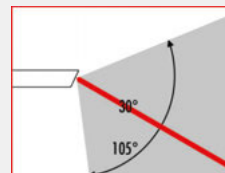
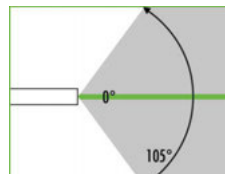
2 aural pieces, size 1	410-200-401
2 aural pieces, size 2	410-200-402
2 aural pieces, size 3	410-200-403
1 aural piece, black	410-200-404
1 plastic base-plate	410-200-405
1 rubber tube	410-200-406
1 metal elbows	410-200-407



410-004-000

Otoskop, 0°, Ø 4 mm, Arbeitslänge 50 mm

Otoscope, 0°, Ø 4 mm, working length 2 inch



410-004-030

Otoskop , 30°, Ø 4 mm, Arbeitslänge 50 mm

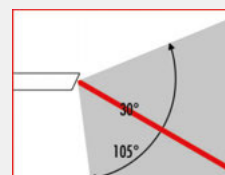
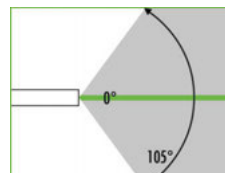
Otoscope , 30°, Ø 4 mm, working length 2 inch



410-027-000

Otoskop, 0°, Ø 2,7 mm, Arbeitslänge 41 mm

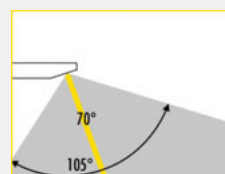
Otoscope, 0°, Ø 2.7 mm, working length 1 1/2 inch



410-027-030

Otoskop , 30°, Ø 2,7 mm, Arbeitslänge 41 mm

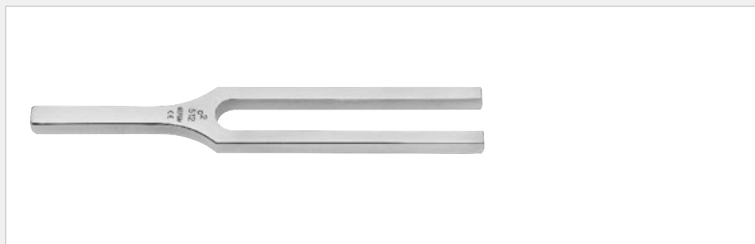
Otoscope , 30°, Ø 2.7 mm, working length 1 1/2 inch



410-027-070

Otoskop , 70°, Ø 2,7 mm, Arbeitslänge 110 mm

Otoscope , 70°, Ø 2.7 mm, working length 4 1/3 mm



410-185-010 = c 128 410-185-110 = c1 256
410-185-210 = c2 512 410-185-310 = c3 1024
410-185-410 = c4 2048 410-185-510 = c5 4096

HARTMANN

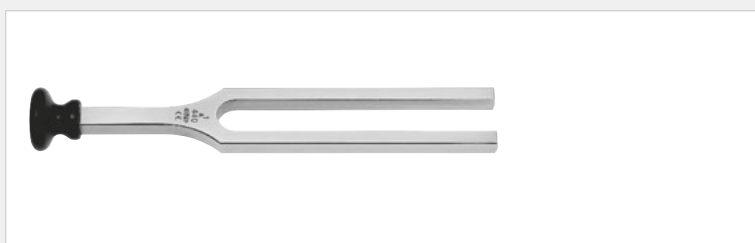
Stimmgabel
Tuning fork



410-174-128 = c 128 410-174-256 = c1 256
410-174-512 = c2 512 410-174-102 = c3 1024
410-174-204 = c4 2048

LUCAE

Stimmgabel mit Fuß
Tuning fork with platform



410-190-440 = c1 440

Stimmgabel mit Fuß
Tuning fork with platform



410-175-128 = c 128

LUCAE

Stimmgabel für den Neurologen, mit Fuß und Dämpfer
Tuning fork (for neurologists), with platform and clamps



410-195-010 = c 128

410-195-110 = c1 256

HARTMANN

Stimmgabel mit Dämpfer
Tuning fork with clamps



410-180-125 = c 64 oder/or c 128

RYDEL-SEIFFER

Stimmgabel mit Fuß, mit Dämpfer c 64,
ohne Dämpfer c 128, abnehmbar
Tuning fork with platform, with clamp c 64,
without clamp c 128, detachable



410-180-010 = c 128 410-180-020 = c1 256

410-180-030 = c2 512 410-180-040 = c3 1024

Stimmgabel aus einer Aluminium-Speziallegierung
Tuning fork, aluminum-alloy



410-185-200

HARTMANN

Stimmungabelsatz in Etui, enthaltend:

Tuning fork set in case containing:

410-195-010	= c	128
410-195-110	= c1	256
410-185-210	= c2	512
410-185-310	= c3	1024
410-185-410	= c4	2048
410-185-510	= c5	4096



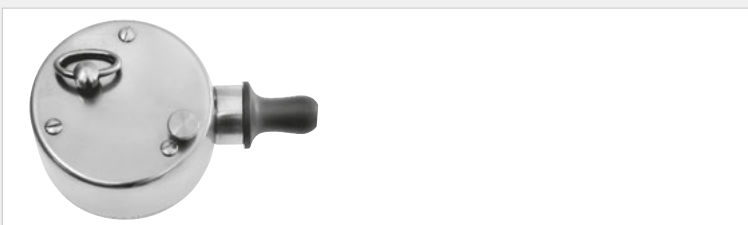
410-195-000

HARTMANN

Stimmungabelsatz in Etui, enthaltend:

Tuning fork set containing:

410-195-010	= c	128
410-195-110	= c1	256
410-185-210	= c2	512
410-185-310	= c3	1024
410-185-410	= c4	2048



410-227-000

BARANY

Lärmtrommel mit Ohrolive

Noise instrument apparatus, with aural piece



410-227-100

BARANY

Lärmtrommel mit Konus

Noise instrument apparatus, with cone



410-797-050 50 ml

410-797-100 100 ml

SYRINGE

Ohrspritze komplett, Ganzmetallausführung mit konischem und abgerundetem Aufsatz

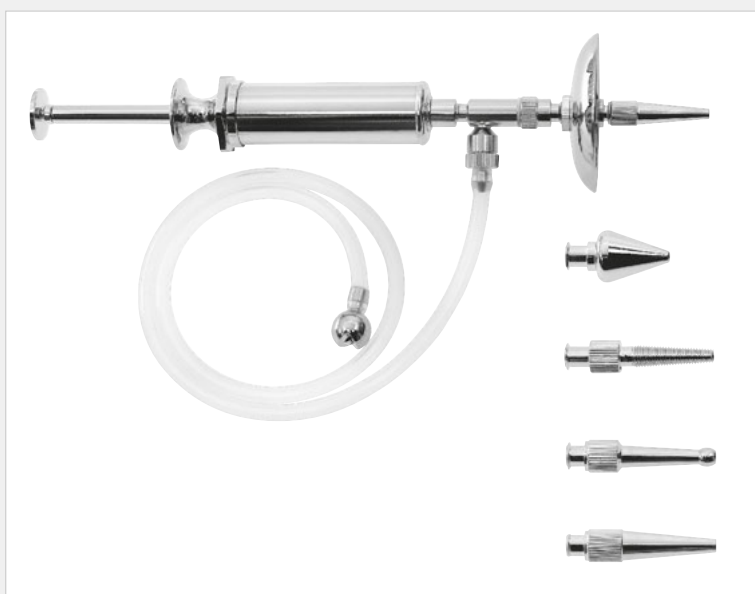
Aural syringe, all metal, complete with conical and bulbous pipe

410-798-100 110ccm

SYRINGE

Ohrspritze komplett, **Glasausführung** mit konischem und abgerundetem Aufsatz

Aural syringe, **Glas edition**, complete with conical and bulbous pipe



410-800-000

Ohrspritze komplett, 10 ml selbstfüllend, Ganzmetallausführung, verchromt, mit Luer-Lock-Ansatz bestehend aus:

Aural syringe, 10 ml, all metal chromium plated, for easy continuous one hand filling and emptying. Luer-Lock attachment, consisting of:

410-800-100 Spritze, Ventilaufsatz, Saugfuß, Schutzteller
Syringe, valve attachment, metal sinker, Protection shield

410-800-020 Plastikschiach, 600 mm,
Außen-Ø 5 mm, Innen-Ø 2 mm
Plastic tube, 600 mm long,
outside 5 mm, inside 2 mm

410-800-050 Set mit 4 Aufsätzen
Set with 4 tips



410-800-040

Schutzteller

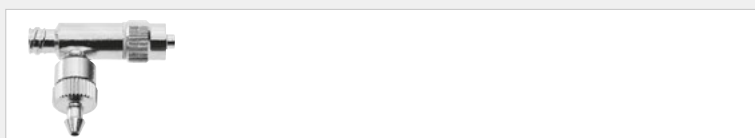
Protection shield



410-800-030

Saugfuß

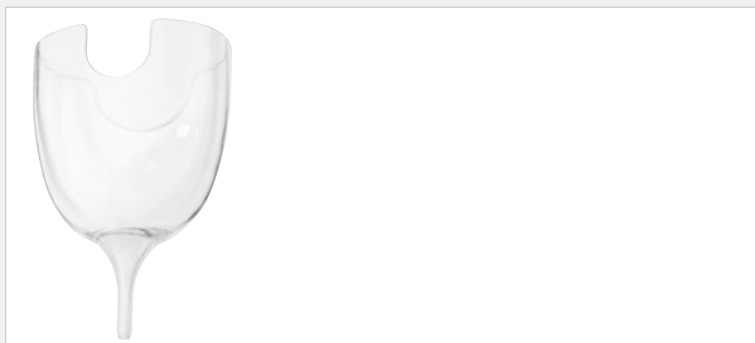
Metal sinker



410-800-010

Ventilaufsatz

Valve attachment



410-810-000

RZ

Spülbehälter, Kunststoff, 145 mm

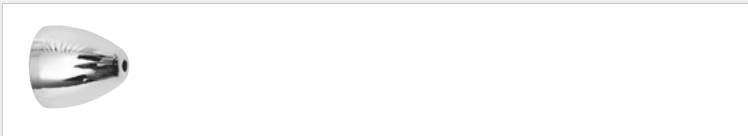
Aural cleaning tube, plastic, 5 3/4 inch



410-200-000

POLITZER

Luftdusche mit Metallkonus
Air douche, with metal cone



410-200-018 Ø 15 mm

410-200-021 Ø 17 mm

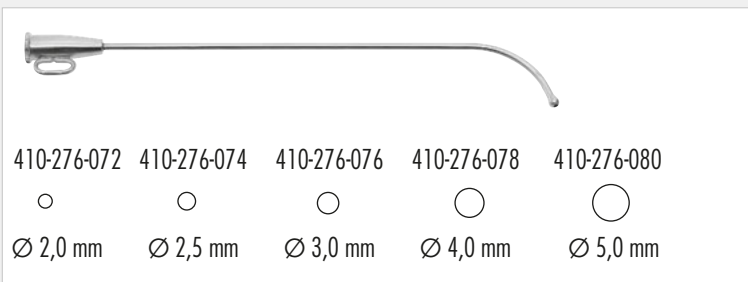
410-200-023 Ø 22 mm

Nasenoliven aus Metall
Nasal tips, metal



410-200-010

Adapter für Tubenkatheter-Aufsatz zur Politzer Luftdusche 410-200-000
Metal adapter to connect eustachian catheter to Politzer air douche



410-276-072 Ø 2,0 mm

410-276-074 Ø 2,5 mm

410-276-076 Ø 3,0 mm

410-276-078 Ø 4,0 mm

410-276-080 Ø 5,0 mm

HARTMANN

Tubenkatheter
Eustachian catheter



410-205-000

KABIERSKE

Pulverbläser komplett mit 3 Aufsätzen und Gummiball
Atomizer, complete with 3 metal tips and rubber bulb

410-205-100 Gummiball allein

Rubber bulb only

410-205-001 Aural Kanüle, gerade, 110 mm

Aural cannula, straight tip, 4 inch

410-205-002 Aural Kanüle, gebogen, 130 mm

Aural cannula, curved tip, 5 inch

410-205-200 Metallkonus, allein

Metal cone, only

410-205-300 Ersatzflasche, 30 ccm

Spare bottle, 30 ccm



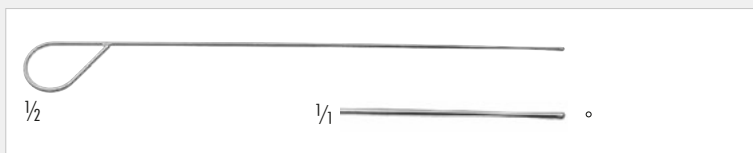
160-131-105

STACKE

Ø 0,8 mm

Ohrsonde, 100 mm

Aural probe, 4 inch



160-131-140

CAWTHORNE

Ohrsonde, mit Ringgriff und abgeflachter Spitze, 140 mm

Probe, ring handled and flattened end, 5 1/2 inch



160-132-150

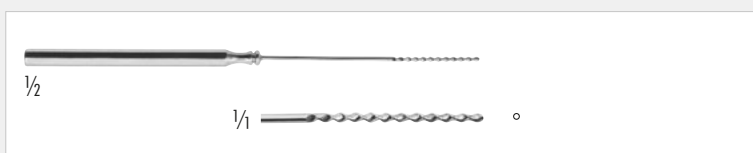
TUMARKIN

Ohrsonde, 150 mm

Bestelleinheit: PA= Packung á 50 Stück

Aural probe, 6 inch

Sales unit: PA= Package of 50 pieces



160-410-120

BUCK

Ø 0,9 mm

Ohrwatteträger, Arbeitsende spiralförmig, 120 mm

Cotton Applicator, rough spiral serrated end, 4 3/4 inch



160-420-110

MODELL PICCOLO

Ø 0,7 mm

Ohrwatteträger, Arbeitsende rund gerieft, 110 mm

Cotton applicator, slender, round serrated end, 4 1/2 inch



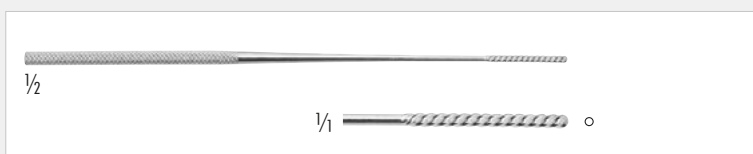
160-421-110

MODELL PICCOLO

Ø 0,7 mm

Ohrwatteträger, Arbeitsende dreikant gerieft, 110 mm

Cotton applicator, slender, triangular serrated end, 4 1/2 inch



160-422-110 110 mm/4 1/2 inch

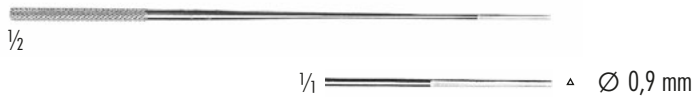
160-422-140 140 mm/5 1/2 inch

FARRELL

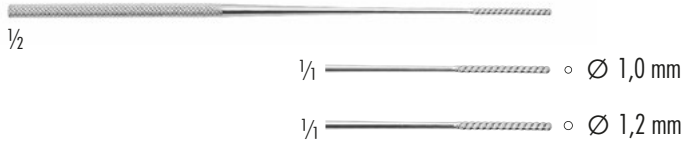
Ø 1,2 mm

Ohrwatteträger, Arbeitsende rund gerieft

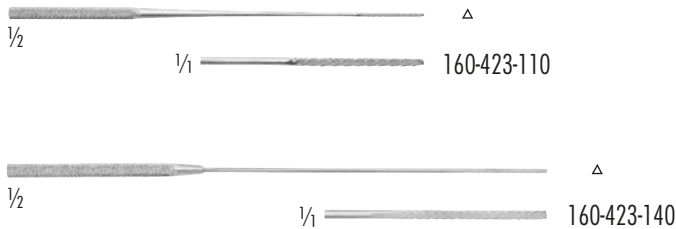
Cotton applicator, round serrated end



160-426-120 120mm, 4 3/4 inch
160-426-140 140mm, 5 1/2 inch
Ohrwatteträger, Arbeitsende dreikant gerieft, Ø 0,9 mm
Cotton applicator, triangular serrated end, Ø 0.9 mm



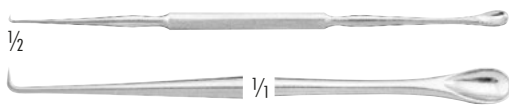
160-010-140 Ø 1,0 mm
160-012-140 Ø 1,2 mm
Ohrwatteträger, Arbeitsende spiralförmig, 140 mm
Cotton applicator, spiral serrated end, 5 1/2 inch



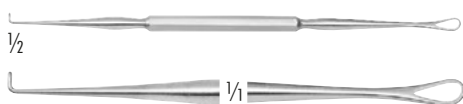
160-423-110 110 mm, 4 1/2 inch
160-423-140 140mm, 5 1/2 inch
LATHBURY-FARRELL
Ohrwatteträger, Arbeitsende dreikant gerieft, Ø 1,4 mm
Cotton applicator, triangular serrated end, Ø 1.4 mm



160-255-140 140 mm, 5 1/2 inch
160-255-180 180 mm, 7 inch
JOBSON HORNE
Ohrsonde
Aural probe



410-145-175 spitz/pointed
410-146-175 stumpf/blunt
FORMBY
Zerumenlöffel und -häkchen, 130 mm
Cerumen scoop and hook, 5 1/8 inch



410-147-175 spitz/pointed
410-148-175 stumpf/blunt
FORMBY
Zerumenschlinge und -häkchen, 120 mm
Cerumen loop and hook, 4 3/4 inch



410-147-145
CAWTHORNE
Zerumenhäkchen, 145 mm
Cerumen hook, 5 1/2 inch



410-581-160

ALLPORT

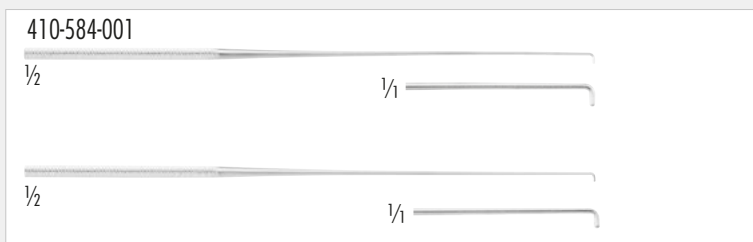
Ohrhaken, stumpf, 160 mm
Aural hook, blunt, 6 1/4 inch



410-583-150

ZAUFAL-JANSEN

Ohrhebel, geknöpft, 45° abgewinkelt, 150 mm
Aural hook, probe ended, 45° angled, 6 inch

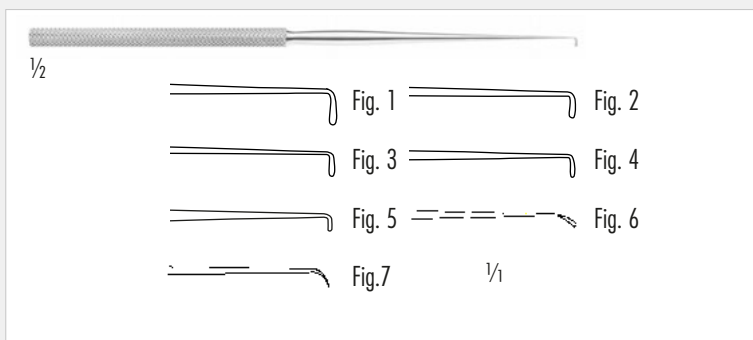


410-584-001 Fig. 1

410-584-002 Fig. 2

DAY

Ohrhaken, 160 mm
Aural hook, 6 1/2 inch



410-585-001 Fig. 1

410-585-002 Fig. 2

410-585-003 Fig. 3

410-585-004 Fig. 4

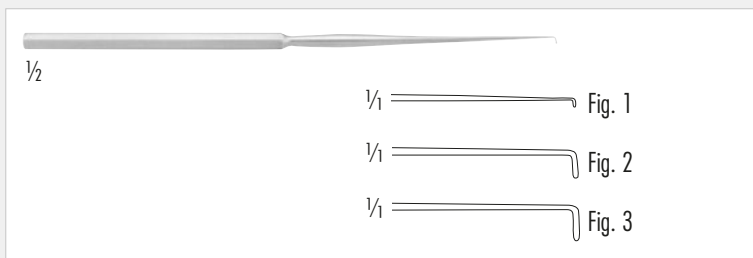
410-585-005 Fig. 5

410-585-006 Fig. 6

410-585-007 Fig. 7

WAGENER

Ohrhebel, 140 mm
Aural hook, 5 1/2 inch



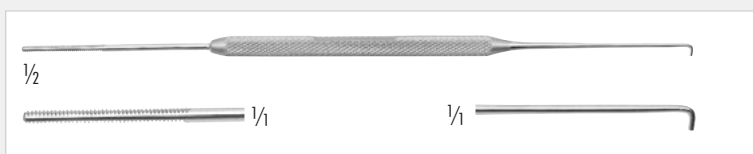
410-586-141 Fig. 1

410-586-142 Fig. 2

410-586-143 Fig. 3

LUCAE

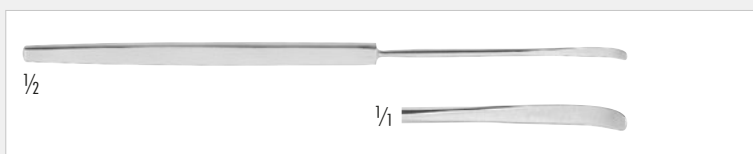
Ohrhebel, geknöpft, 140 mm
Aural hook, probe ended, 5 1/2 inch



410-584-180

MUSGROVE

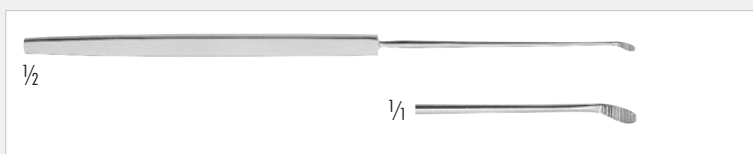
Zerumennadel und Watteträger, 180 mm
Cerumen pick and cotton applicator, 7 inch



410-583-160

ZAUFAL

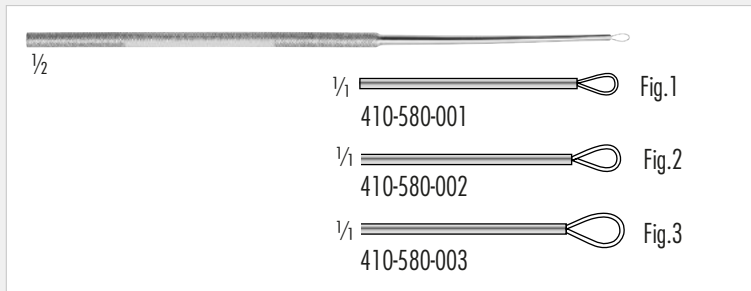
Ohrhebel, stumpf, 160 mm
Aural elevator, blunt, 6 1/4 inch



410-584-160

MOLDENHAUER

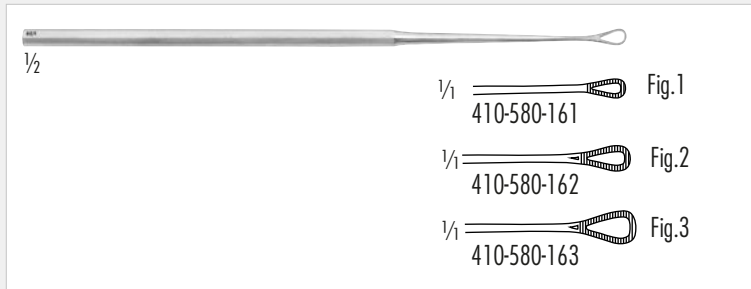
Fremdkörperhebel, 160 mm
Foreign body elevator, 6 1/4 inch



410-580-001 Fig.1
410-580-002 Fig.2
410-580-003 Fig.3

BILLEAU

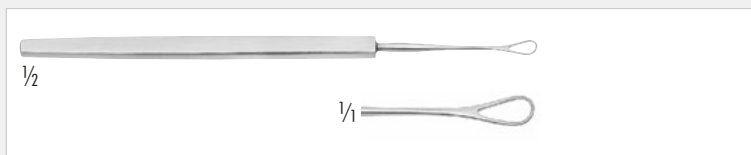
Ohrschlinge, gerade, 160 mm
Aural loop, straight, 6 1/4 inch



410-580-161 Fig.1
410-580-162 Fig.2
410-580-163 Fig.3

SNELLEN (WEBER-LOCH)

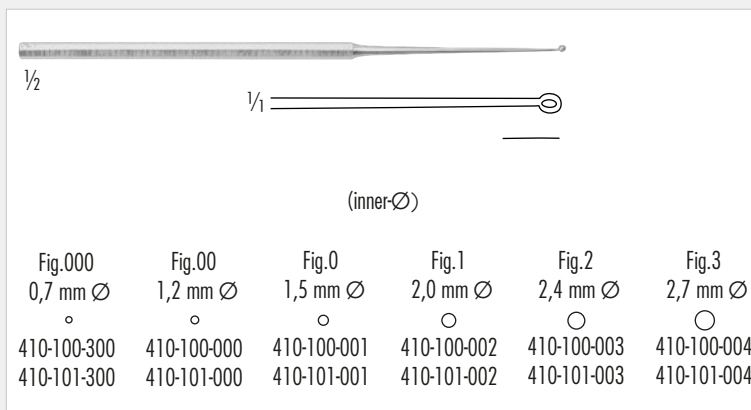
Ohrschlinge, gebogen, gerieft, 160 mm
Aural loop, curved, serrated, 6 1/4 inch



410-580-130

LANGENBECK

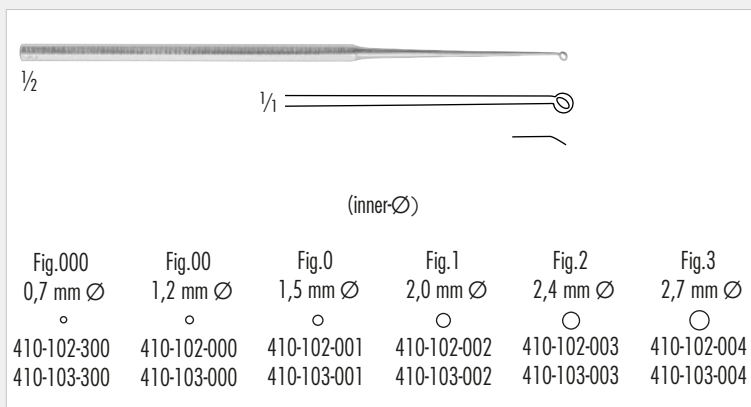
Ohrschlinge, stumpf, leicht gebogen, 130 mm
Aural loop, blunt, slightly curved, 5 inch



stumpf/blunt	scharf/ sharp
410-100-000	410-101-000
410-100-001	410-101-001
410-100-002	410-101-002
410-100-003	410-101-003
410-100-004	410-101-004
410-100-300	410-101-300

BUCK

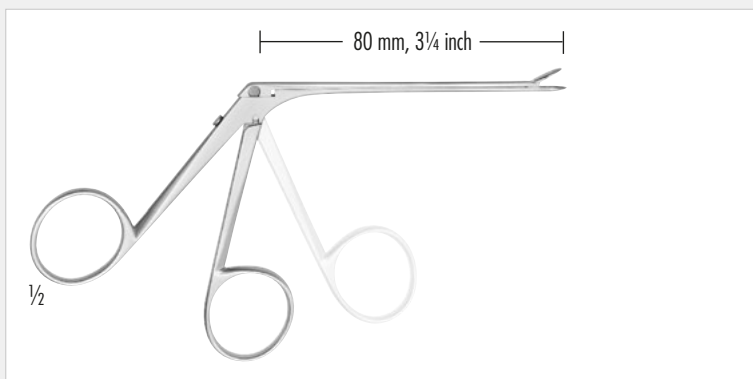
Ohrkürette, gerade, 150 mm
Aural curette, straight, 6 inch



stumpf/blunt	scharf/ sharp
410-102-000	410-103-000
410-102-001	410-103-001
410-102-002	410-103-002
410-102-003	410-103-003
410-102-004	410-103-004
410-102-300	410-103-300

BUCK

Ohrkürette, gebogen, 150 mm
Aural curette, curved, 6 inch



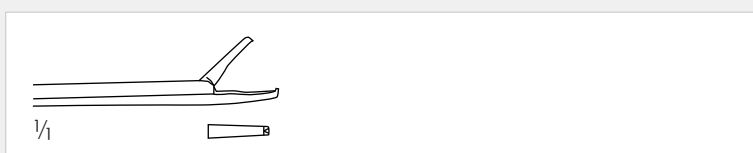
Fremdkörper- Ohrzängchen zur Untersuchung, **Zeigefingerringteil** beweglich, mit Schiebeschäft
Aural foreign body forceps for examination, opening and closing of the jaws by means of **finger ring-handle**, sliding shaft



410-210-085 1 x 8 mm, gerieftes Maulteil/serrated jaws
410-215-085 1 x 8 mm, glattes Maulteil/smooth jaws

HARTMANN

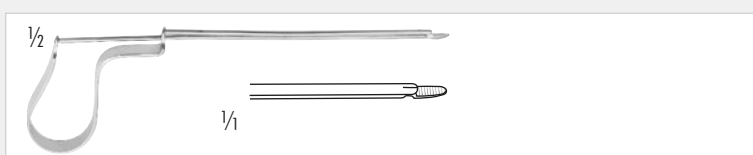
Faßzängchen, gerade
Aural forceps, straight



410-211-085 2 x 6 mm

HARTMANN

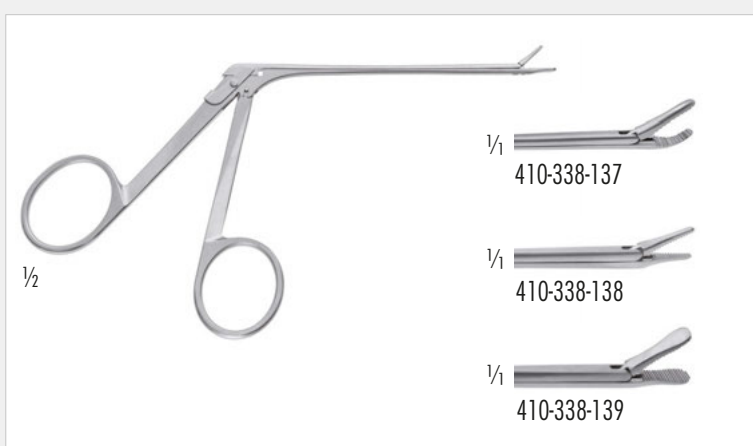
Faßzängchen, gerade, 1 x 2 Zähne
Aural forceps, straight, 1 x 2 teeth



410-330-090

QUIRE

Fremdkörperinstrument, 90 mm
Aural forceps for removal of foreign bodies, 3 1/2 inch



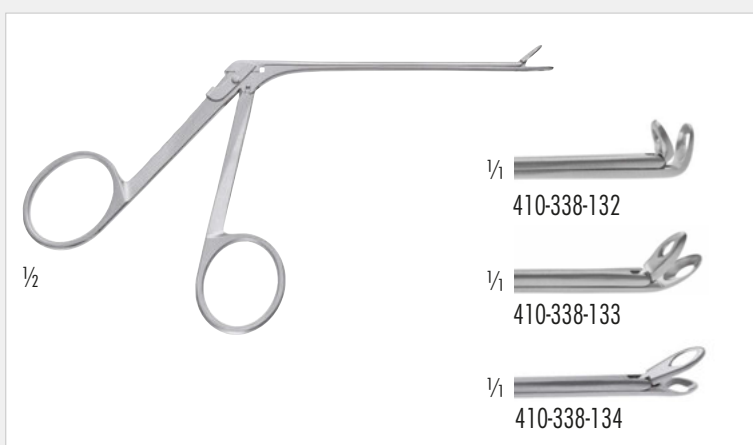
410-338-137 **WEINGARTNER**, 7 mm Maullänge/7 mm jaws links gebogen/left curved

410-338-138 **HOUSE** 8 mm gerieft/8 mm serrated

410-338-139 **DUCKBILL** 8 mm gerieft/8 mm serrated

Ohrzängchen, Arbeitslänge: 87 mm

Ear Forceps, Working length: 3 1/8 inch



410-338-132 90° aufwärts/90° upwards, 2.5 x 6.0 mm

410-338-133 45° aufwärts/45° upwards, 2.5 x 6.5 mm

410-338-134 gerade/straight, 2.5 x 7.0 mm

STRUEMPEL

Ohrzängchen, Arbeitslänge: 87 mm

Ear Forceps, Working length: 3 1/8 inch



HARTMANN-HERZFELD

Ohrzängchen, Arbeitslänge: 87 mm

Ear Forceps, Working length: 3 1/8 inch

410-338-135 2 mm Löffel/2 mm spoon

410-338-136 2,5 mm Löffel/2.5 mm spoon

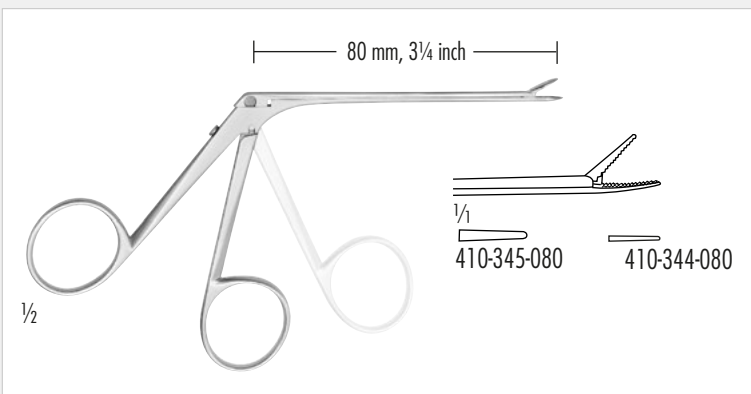
410-338-140 3 mm Löffel/3 mm spoon

410-338-141 2x6 mm Löffel/2x6 mm spoon

410-338-142 2 mm Löffel, aufgebogen
2 mm spoon, curved upwards

Ohrzängchen, Arbeitslänge: 87 mm

Ear Forceps, Working length: 3 1/8 inch



Fremdkörper- Ohrzängchen zur Untersuchung, feine Ausführung,

Zeigefingerringteil beweglich, mit Schiebeschäft

Aural foreign body forceps for examination, extra fine pattern, opening and closing of the jaws by means of **finger ring-handle**, sliding shaft

410-345-080 0,8 x 6 mm

HARTMANN-WULLSTEIN

Faßzängchen, gerade

Aural forceps, straight

410-344-080 0,8 x 4 mm

HARTMANN-WULLSTEIN

Faßzängchen, gerade

Aural forceps, serrated jaws, straight

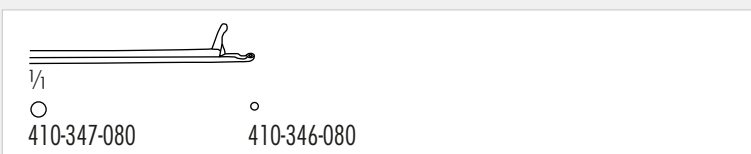
410-346-080 1 mm

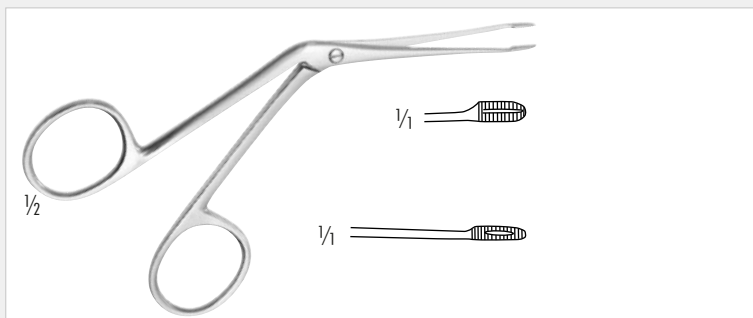
410-347-080 2 mm

HARTMANN-WULLSTEIN

Löffelzängchen, gerade, runder Löffel

Aural forceps, cup-shaped, straight, round cup





410-230-140

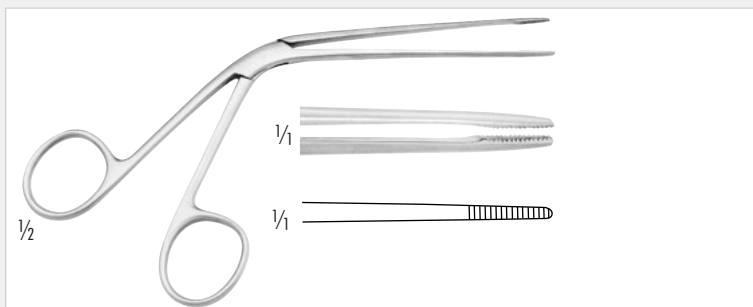
HARTMANN

Ohrtamponzange, kräftiges Modell, 120 mm
Aural tampon forceps, strong pattern, 4 3/4 inch

410-230-120

HARTMANN

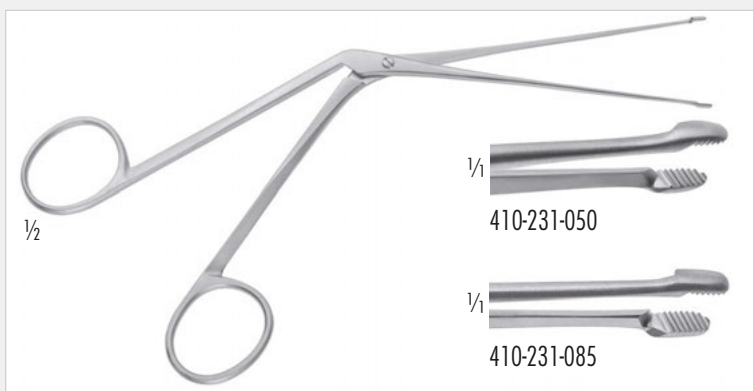
Ohrtamponzange, feines Modell, 135 mm
Aural tampon forceps, delicate pattern, 5 inch



410-231-140

TILLEY

Ohrtamponzange, extra feines Modell, 140 mm
Aural tampon forceps, extra fine pattern, 5 1/2 inch



410-231-050

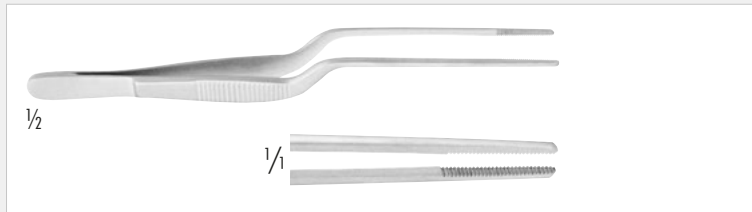
TOBEY

Ohrzängchen, 4mm Maullänge, 50mm Länge von der
Schraube bis zur Maulspitze
Ear Forceps, 4mm long jaws, 50mm length from
screw till jaw tip

410-231-085

CORGILL

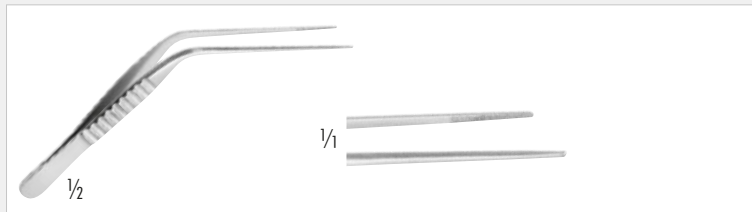
Ohrzängchen, 4mm Maullänge, 85mm Länge von der
Schraube bis zur Maulspitze
Ear Forceps, 4mm long jaws, 85mm length from screw till jaw tip



410-391-140

LUCAE

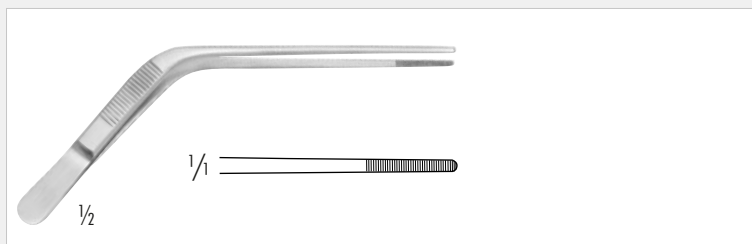
Ohrpinzette, anatomisch, bajonettförmig, 140 mm
Aural dressing forceps, bayonet shaped, 5 1/2 inch



410-375-100

TROELTSCH

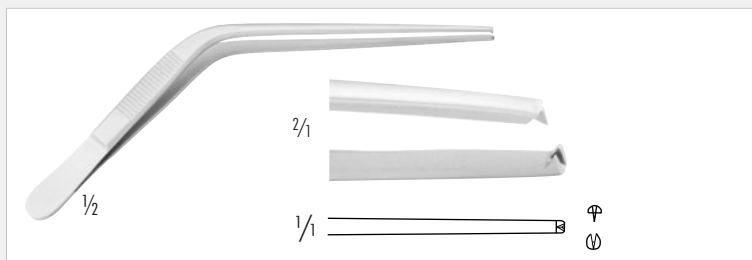
Ohrpinzette, fein und klein, gerieft, 45 mm Nutzlänge
Aural dressing forceps, delicate and small, serrated,
45 mm working length



410-375-120

TROELTSCH

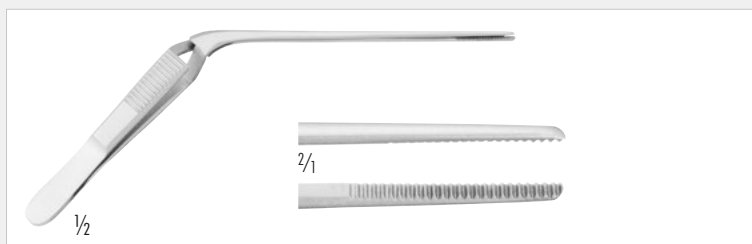
Ohrpinzette, anatomisch, kniegebogen, 1,8 mm breit, 115 mm
Aural dressing forceps, angled, tip 1,8 mm, serrated, 4 1/2 inch



410-377-120

TROELTSCH

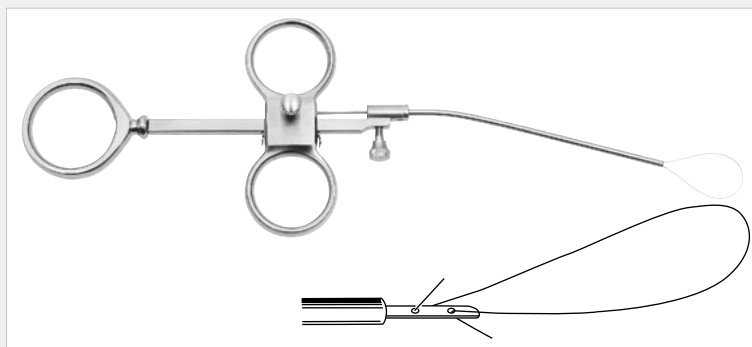
Ohrpinzette, chirurgisch, 1 x 2 Zähne, kniegebogen, 125 mm
Aural tissue forceps, 1 x 2 teeth, knee bent, 5 inch



410-381-130

TROELTSCH

Ohrpinzette, anatomisch, selbst schließend, kniegebogen, 130 mm
Aural dressing forceps, knee bent, cross action, serrated, 4 1/8 inch



410-410-160

KRAUSE

Ohrpolypenschnürer, 165 mm
Aural snare, 6 1/2 inch



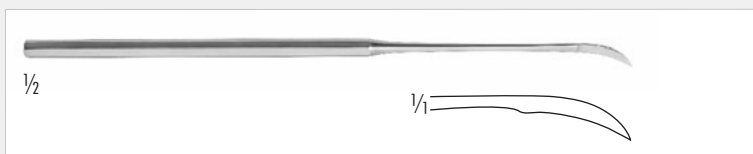
410-411-100 Ø 0,2 mm

Ohrpolypen-Schlingendraht

Bestelleinheit: PH=Packung á 100 Stück

Aural snare wire

Sales unit: PH=Package of 100 pieces

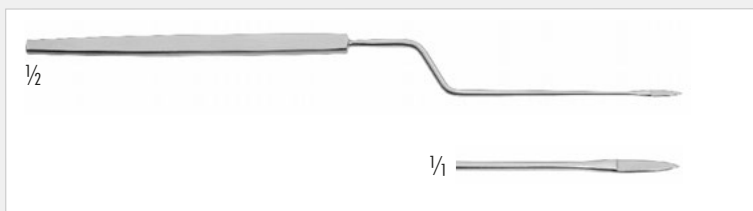


410-350-150

POLITZER

Ohr-Furunkelmesser, 160 mm

Aural Sickle knife, 6 1/4 inch

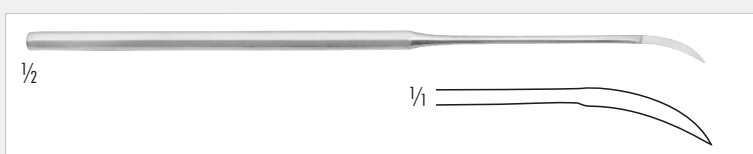


410-352-170

SEXTON

Ohr-Furunkelmesser, bajonettförmig, 170 mm

Aural Sickle knife, bayonet-shaped, 6 3/4 inch

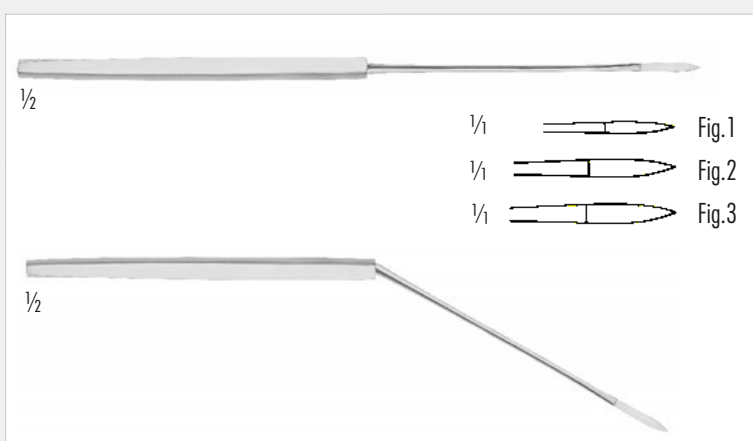


410-353-180

SEXTON

Ohr-Furunkelmesser, 180 mm

Aural Sickle knife, 7 1/8 inch



410-354-180 Fig.1 gerade/straight

410-355-180 Fig.2 gerade/straight

410-356-180 Fig.3 gerade/straight

410-357-180 Fig.1 kniegebogen/knee bent

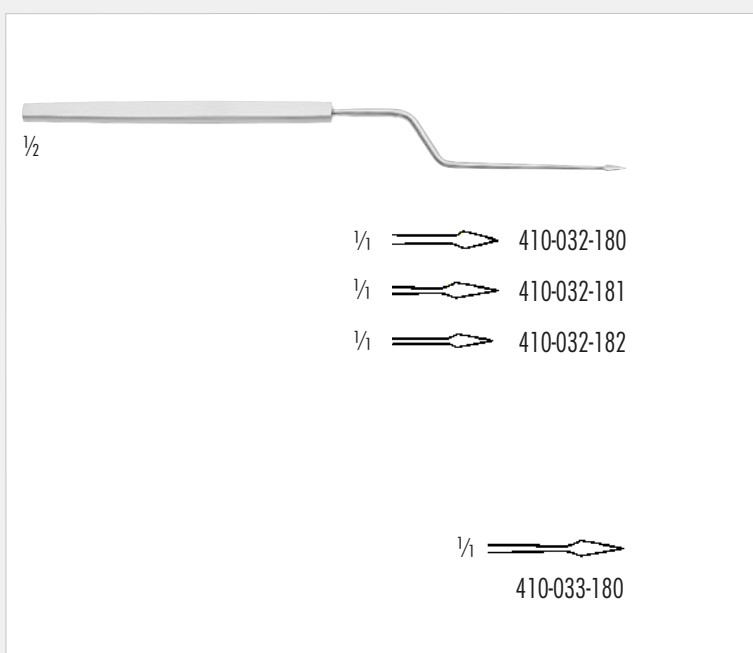
410-358-180 Fig.2 kniegebogen/knee bent

410-359-180 Fig.3 kniegebogen/knee bent

SEXTON

Trommelfellmesser, 180 mm

Ear drum knife, 7 inch



410-031-180

LUCAE

Paracentese-Nadel, bajonettförmig, für Kinder, 160 mm

Tympanum perforator, bayonet-shaped, for children, 6 1/4 inch

410-032-180 Spitze/tip 2.0 mm

410-032-181 Spitze/tip 1.8 mm

410-032-182 Spitze/tip 1.5 mm

LUCAE

Paracentese-Nadel, bajonettförmig, für Erwachsene,

senkrecht, 190 mm

Tympanum perforator, bayonet-shaped,

for adults, vertical, 7 1/2 inch

410-033-180

LUCAE

Paracentese-Nadel, bajonettförmig, für Erwachsene,

waagrecht, 180 mm

Tympanum perforator, bayonet-shaped, for adults,

horizontal, 7 inch



410-030-160

POLITZER

Paracentese-Nadel, gerade, 183 mm

Tympanum perforator, straight, 7 1/4 inch

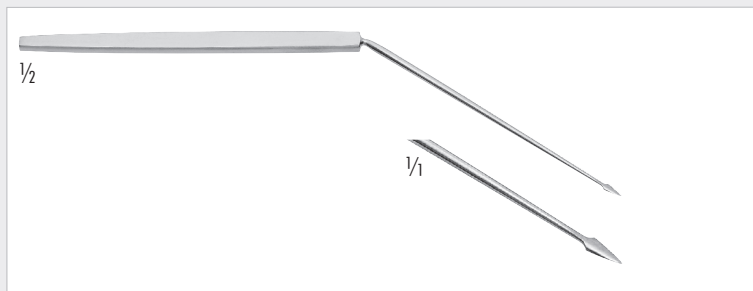


410-031-140

JACOBSON

Ohrhäkchen, 140mm

Ear hook, 5 1/2 inch



410-032-160

POLITZER

Paracentese-Nadel, kniegebogen, senkrecht, 160 mm

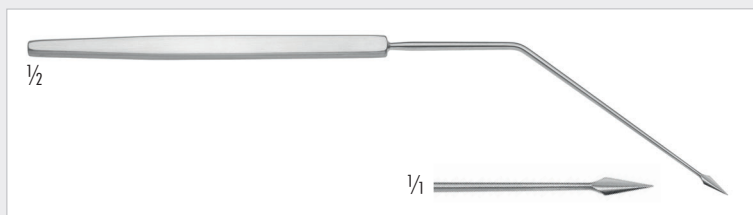
Tympanum perforator, knee bent, vertical, 6 1/4 inch

410-033-160

POLITZER

Paracentese-Nadel, waagrecht, kniegebogen, 160 mm

Tympanum perforator, knee bent, horizontal, 6 1/4 inch



410-032-175

AGNEW (POLITZER)

Paracentesis Nadel, kniegebogen, 180 mm

Paracentesis needle, knee bent, 7 inch



210-394-150

MUCK

Periostmesser, 150 mm

Periosteal knife, 6 inch

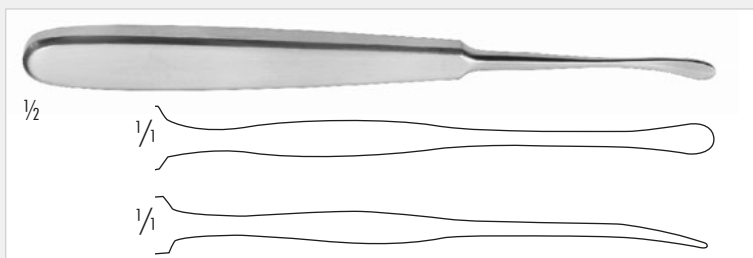


210-395-130

POLITZER

Mastoidmesser, 130 mm

Mastoid knife, 5 1/8 inch



210-395-175

SEBILEAU

Elevatorium, 5 mm breit, 175 mm

Elevator, 5 mm wide, 7 inch



431-630-007 7mm

431-630-006 6mm

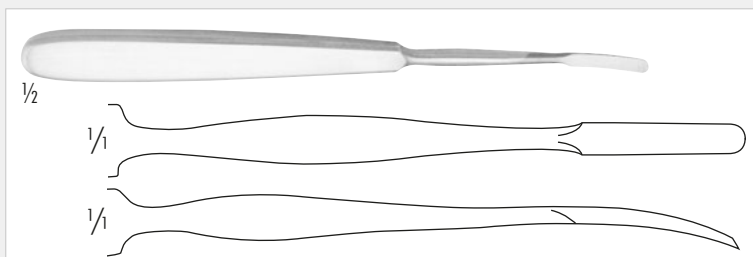
431-630-009 9mm

431-630-011 11mm

OBWEGESER

Raspatorium, 9 mm breit, 175 mm

Periosteal Elevator, 9 mm wide, 7 inch

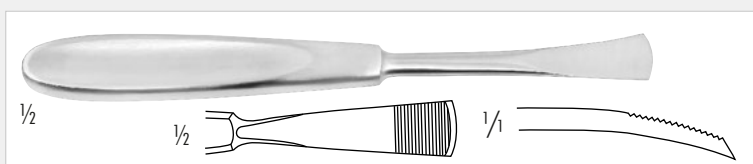


210-396-160

JOSEPH

Raspatorium, leicht gebogen, 160 mm

Periosteal Elevator, slightly curved, 6 1/4 inch



210-303-165

JANSEN

Raspatorium, gebogen, 15 mm breit, 165 mm

Periosteal Elevator, curved, 15 mm wide, 6 1/2 inch

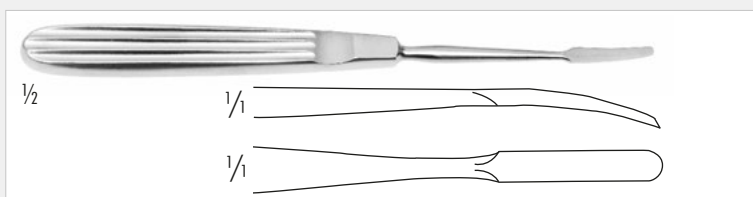


210-397-185

LEMPERT

Raspatorium, halbscharf, 185 mm

Periosteal Elevator, semi sharp, 7 1/4 inch



420-530-165 2mm

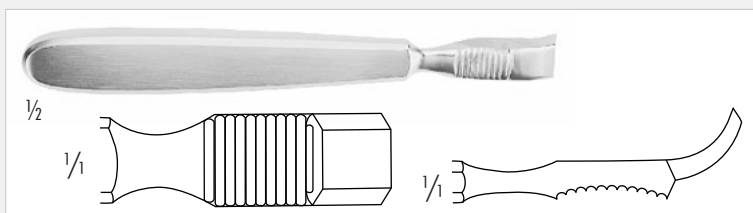
420-531-165 3mm

420-532-165 4mm

JOSEPH

Septum Raspatorium, leicht gebogen, 160 mm

Septum Raspatory, slightly curved, 6 1/4 inch

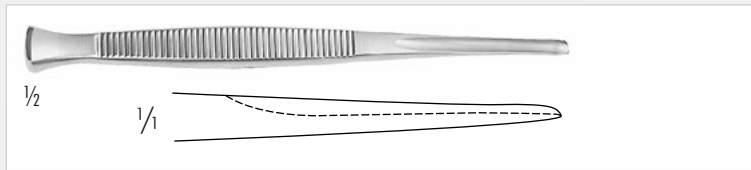


210-311-150

FARABEUF

Raspatorium, gebogen, 140 mm

Periosteal Elevator, curved cutting edge, 5 1/2 inch

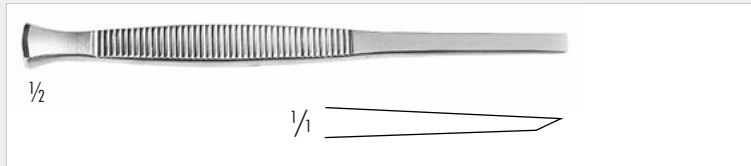


210-109-002 3 mm
210-109-005 5 mm
210-109-007 7 mm

210-109-004 4 mm
210-109-006 6 mm

PARTSCH

Hohlmeissel, gerade, 140 mm
Gouge, straight, 5 1/2 inch



210-303-135 3 mm
210-305-135 5 mm
210-307-135 7 mm

210-304-135 4 mm
210-306-135 6 mm

PARTSCH

Flachmeissel, gerade, 140 mm
Chisel, straight, 5 1/2 inch



210-160-004 4 mm
210-160-006 6 mm

BRUENINGS

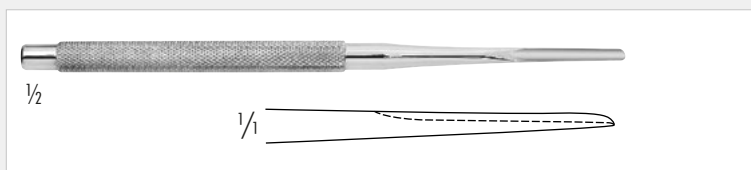
Hohlmeissel, 160 mm
Gouge, 6 1/4 inch



210-160-104 4 mm
210-160-106 6 mm

BRUENINGS

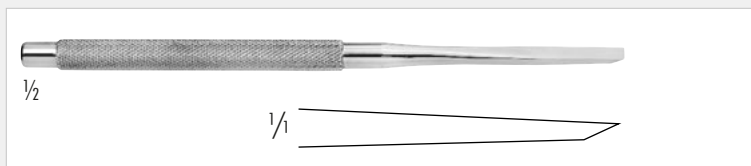
Flachmeissel, gerade, 160 mm
Chisel, straight, 6 1/4 inch



210-103-160 3 mm
210-105-160 5 mm

LUCAS

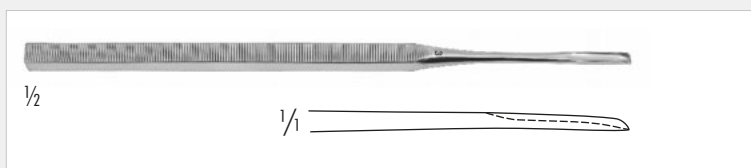
Hohlmeissel, gerade, 160 mm
Gouge, straight, 6 1/4 inch



210-204-160 4 mm
210-206-160 6 mm

LUCAS

Flachmeissel, gerade, 160 mm
Chisel, straight, 6 1/4 inch



210-100-162 2 mm
210-100-163 3 mm
210-100-164 4 mm

THIES

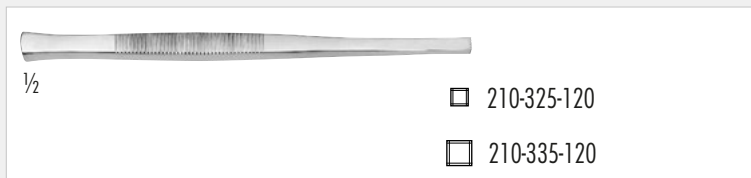
Hohlmeissel, gerade, 160 mm
Gouge, straight, 6 1/4 inch



210-102-162 2 mm
210-102-163 3 mm
210-102-164 4 mm

THIES

Flachmeissel, gerade, 160 mm
Chisel, straight, 6 1/4 inch



210-325-120 2,5 mm
210-335-120 3,5 mm

PASSOW

Blutstillungsmeissel, 120 mm
Hemostatic chisel, 4 3/4 inch

□ 210-325-120

□ 210-335-120



210-244-220 130 g

HAJEK

Hammer, 220 mm

Mallet, 8 ¾ inch



210-224-180 155 g

PARTSCH

Hammer, Kopf mit Bleifüllung, 190 mm

Mallet, lead filled head, 7 ½ inch



210-240-180 235 g

COTTLE

Hammer, 1 Seite flach, 1 Seite convex, 185 mm

Mallet, 1 side plain, 1 side convex, 7 ¼ inch



210-264-140 135 g

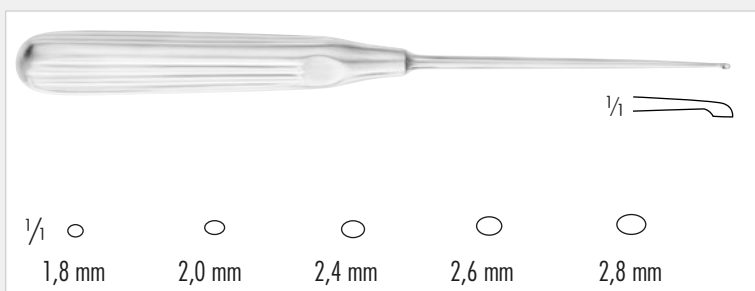
Hammer, mit auswechselbaren Kunststoffbacken, 185 mm

Mallet, head with interchangeable plastic discs, 7 ¼ inch

210-265-000

Ersatzbackenpaar für Hammer 210-264-140

Pair of interchangeable discs for mallet 210-264-140



210-348-001 1,8 mm

210-348-300 2,0 mm

210-348-200 2,4 mm

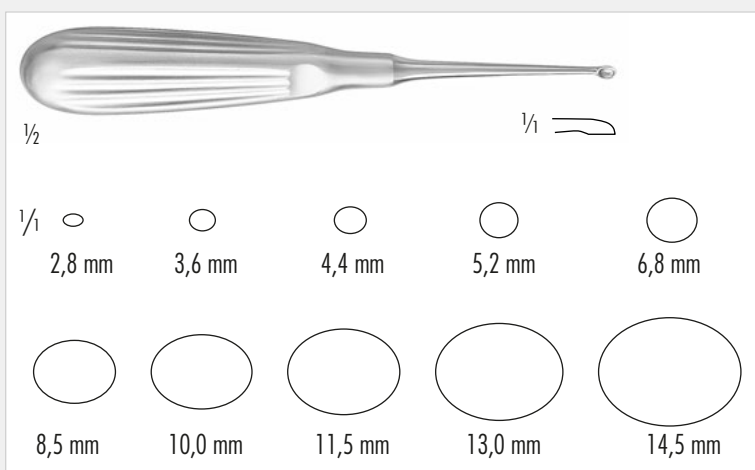
210-348-000 2,6 mm

210-348-010 2,8 mm

LEMPERT

Scharfer Löffel, 200 mm

Endaural curette, 8 inch



210-304-400 2,8 mm

210-304-300 3,6 mm

210-304-200 4,4 mm

210-304-100 5,2 mm

210-304-010 6,8 mm

210-304-020 8,5 mm

210-304-030 10,0 mm

210-304-040 11,5 mm

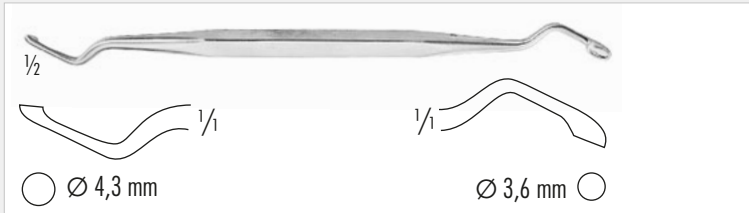
210-304-050 13,0 mm

210-304-060 14,5 mm

VOLKMANN

Scharfer Löffel, 170 mm

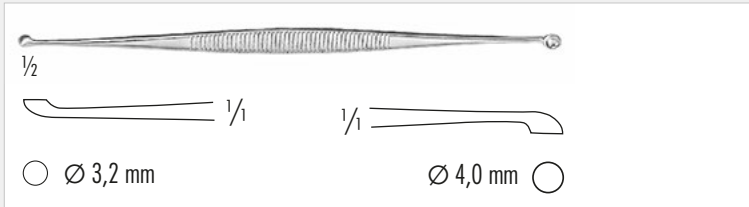
Endaural curette, 6 ¾ inch



210-216-150

JANSEN

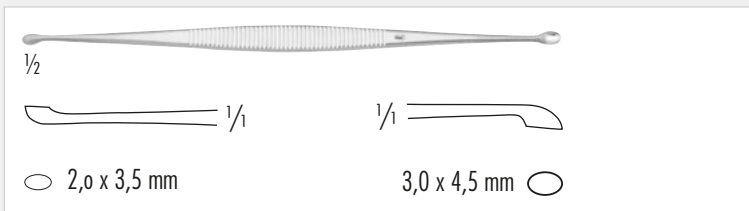
Scharfer Doppellöffel, runde Löffel, 160 mm
Aural curette, sharp, double-ended, round cups, 6 1/4 inch



210-218-012

MARTINI

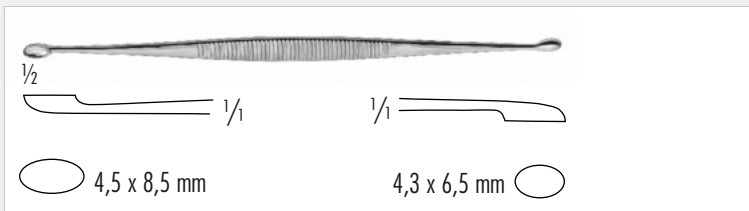
Scharfer Doppellöffel, runde Löffel, 140 mm
Aural curette, sharp, double-ended, round cups, 5 1/2 inch



210-216-001

WILLIGER

Scharfer Doppellöffel, ovale Löffel, 145 mm
Aural curette, sharp, double-ended, oval cups, 5 3/4 inch



210-213-140

JACOBSON

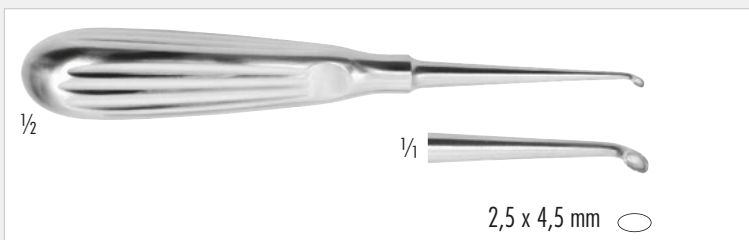
Scharfer Doppellöffel, ovale Löffel, 140 mm
Aural curette, sharp, double-ended, oval cups, 5 1/2 inch



410-216-180

MILLER

Doppel-Kürette, 180 mm
Aural curette, double-ended, 7 inch



210-305-400 Fig. 0000

VOLKMAN

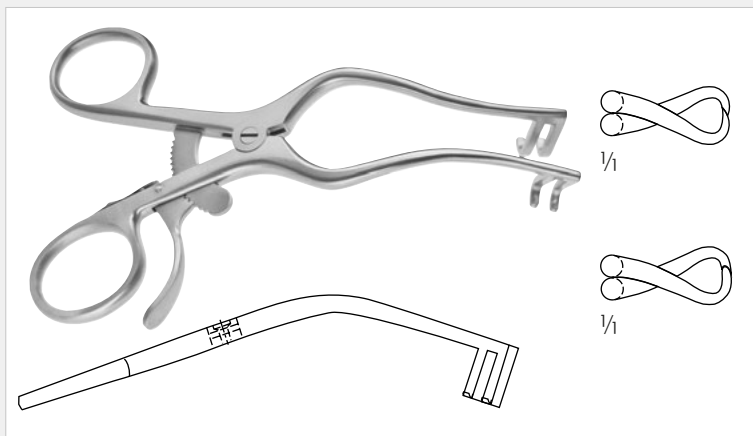
Mikro Ohrlöffel, abgewinkelt, ovaler Löffel
Micro aural curette, angled, oval cup



210-304-500 Fig. 00000

VOLKMAN

Mikro Ohrlöffel, gerade, ovaler Löffel
Micro aural curette, straight, oval cup



170-763-130

PLESTER

Wundspreizer, 2 x 2 Zähne, scharf, 130 mm
Retractor, self-retaining, 2 x 2 prongs, sharp, 5 1/8 inch

170-762-130

PLESTER

Wundspreizer, 2 x 2 Zähne, stumpf, 130 mm
Retractor, self-retaining, 2 x 2 prongs, blunt, 5 1/8 inch



170-760-110

PLESTER

Wundspreizer, stumpf, volles Blatt rechts, 2 Zähne links, 110 mm
Retractor, self-retaining, blunt, solid blade on right, 2 teeth left, 4 3/8 inch

170-761-110

PLESTER

Wundspreizer, stumpf, volles Blatt links, 2 Zähne rechts, 110 mm
Retractor, self-retaining, blunt, solid blade on left, 2 teeth right, 4 3/8 inch



170-754-110

volles Blatt links mit scharfen Zähnen,
2 Zähne rechts
full blade left side with sharp teeth,
2 prongs right

170-755-110

volles Blatt rechts mit scharfen Zähnen,
2 Zähne links
full blade right side with sharp teeth,
2 prongs left

PERKINS

Wundsperrerr, 110mm
Retractor, 4 1/3 inch



170-766-110

volles Blatt links mit scharfen Zähnen,
3 Zähne rechts
full blade left side with sharp teeth,
3 prongs right

170-765-110

volles Blatt rechts mit scharfen Zähnen,
3 Zähne links
full blade right side with sharp teeth,
3 prongs left

PERKINS

Wundsperrerr, 110mm / Retractor, 4 1/3 inch



170-757-110

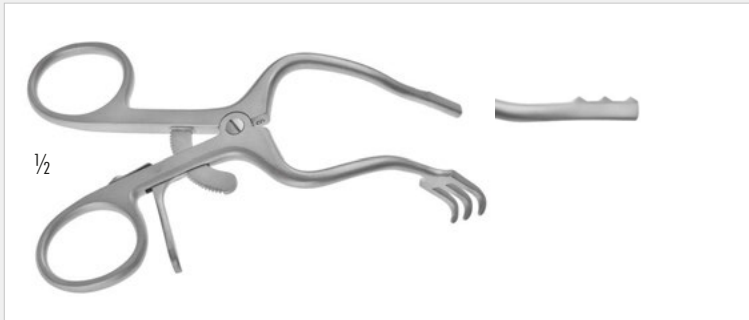
gerieftes Blatt links, 2 Zähne rechts
left serrated blade, 2 prongs right

170-758-110

gerieftes Blatt rechts, 2 Zähne links
right serrated blade, 2 prongs left

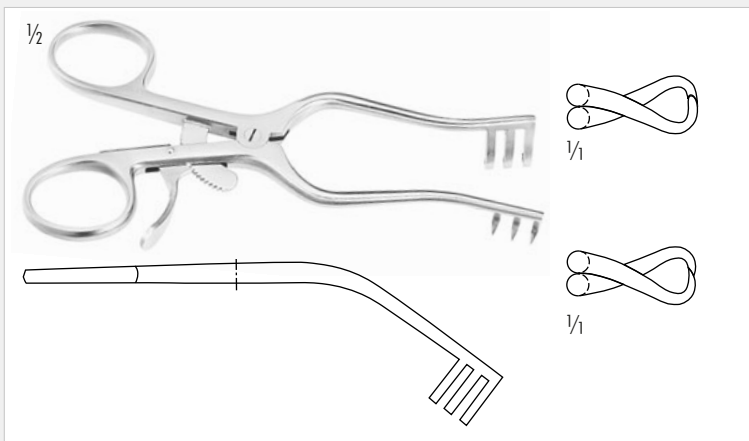
WIEGAND

Wundsperrerr, 110mm
Retractor, 4 1/3 inch



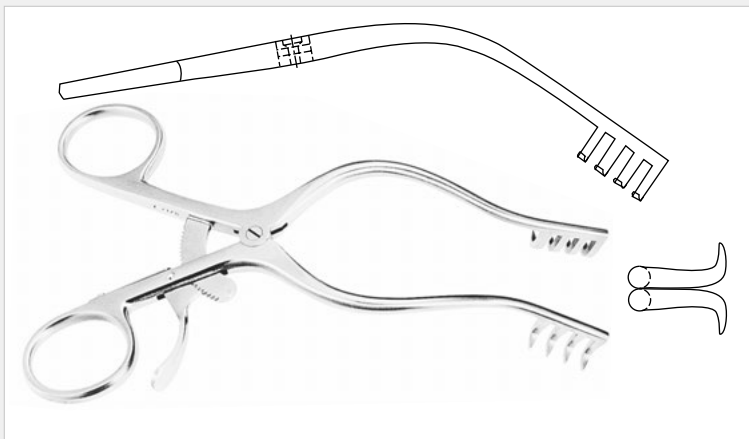
- 170-735-110 linkes Blatt scharf, 3 Zähne rechts, 110mm
left blade sharp, 3 teeth right, 4¹/₃ inch
- 170-735-130 linkes Blatt scharf, 3 Zähne rechts, 130mm
left blade sharp, 3 teeth right, 5¹/₈ inch
- 170-736-110 rechtes Blatt scharf, 3 Zähne links, 110mm
right blade sharp, 3 teeth left, 4¹/₃ inch
- 170-736-130 rechtes Blatt scharf, 3 Zähne links, 130mm
right blade sharp, 3 teeth left, 5¹/₈ inch

WIEGAND
Wundsperrrer
Retractor



- 170-752-130
WULLSTEIN
Wundspreizer, 3 x 3 Zähne, scharf, 130 mm
Retractor, self-retaining, 3 x 3 prongs, sharp, 5 1/8 inch

- 170-753-130
WULLSTEIN
Wundspreizer, 3 x 3 Zähne, stumpf, 130 mm
Retractor, self-retaining, 3 x 3 prongs, blunt, 5 1/8 inch



- 170-754-155
MOLLISON
Wundspreizer, 4 x 4 Zähne, scharf, 155 mm
Retractor, self-retaining, 4 x 4 prongs, sharp, 6 inch



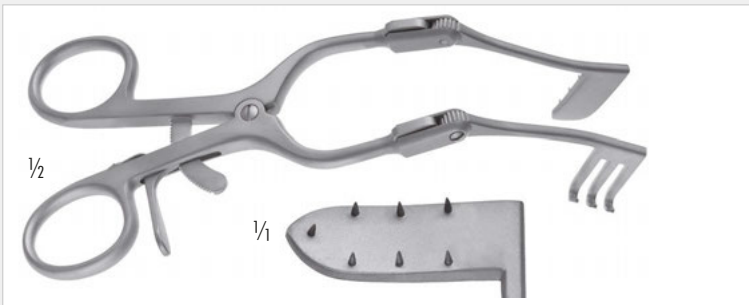
- 170-780-170
RZ
Gelenkwundsperrrer 3 x 3 Zähne, 170 mm
Retractor, self-retaining, articulating joints, 3 x 3 prongs, 6 1/2 inch



- 170-780-165 linkes Blatt voll, rechts 3 Zähne
left blade full, right side 3 prongs
- 170-781-165 rechtes Blatt voll, links 3 Zähne
right blade full, left side 3 prongs

RZ

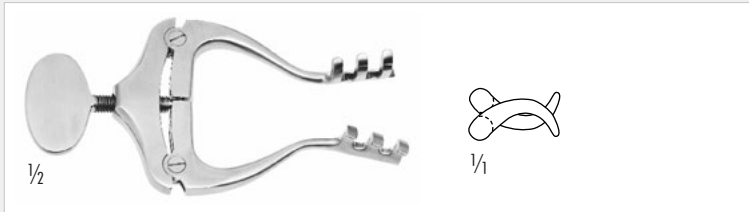
Wundsperrerr mit Gelenk, 165mm
Retractor with hinge, 6 1/2 inch



- 170-783-165 links volles Blatt, rechts 3 Zähne
left side full blade, right 3 prongs
- 170-784-165 rechts volles Blatt, links 3 Zähne
right side full blade, left 3 prongs

HOUSE

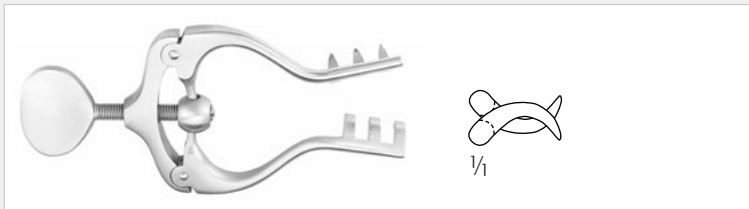
Wundsperrerr mit Gelenk, 165mm
Retractor with hinge, 6 1/2 inch



170-723-100

JANSEN

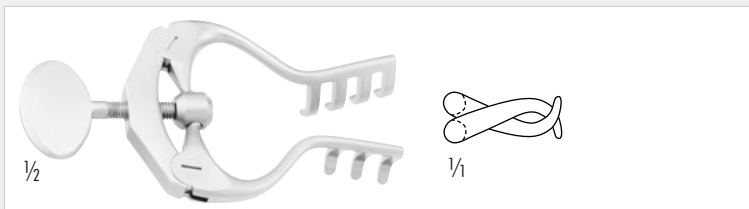
Wundsperrer, stumpf, 3 x 3 Zähne, 100 mm
Mastoid retractor, blunt, 3 x 3 prongs, 4 inch



170-720-100

JANSEN

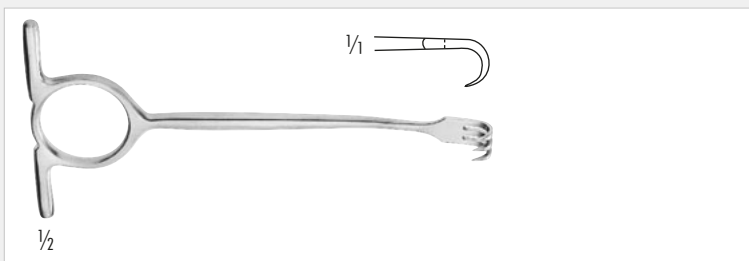
Wundsperrer, scharf, 3 x 3 Zähne, 100 mm
Mastoid retractor, sharp 3 x 3 prongs, 4 inch



170-723-105

JANSEN

Wundsperrer, stumpf, 3 x 4 Zähne, 100 mm
Mastoid retractor, blunt 3 x 4 prongs, 4 inch



170-234-120

gerade / straight

170-235-120

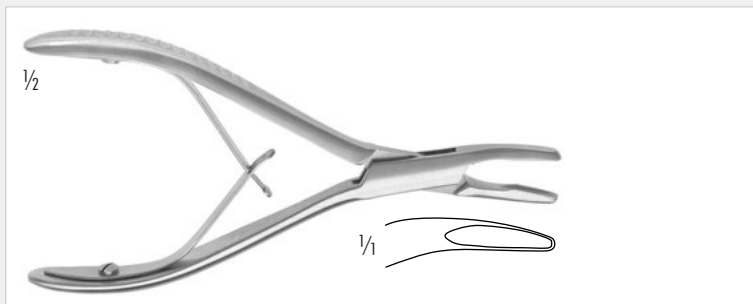
links gebogen / left curved

170-236-120

rechts gebogen / right curved

WILLIGER

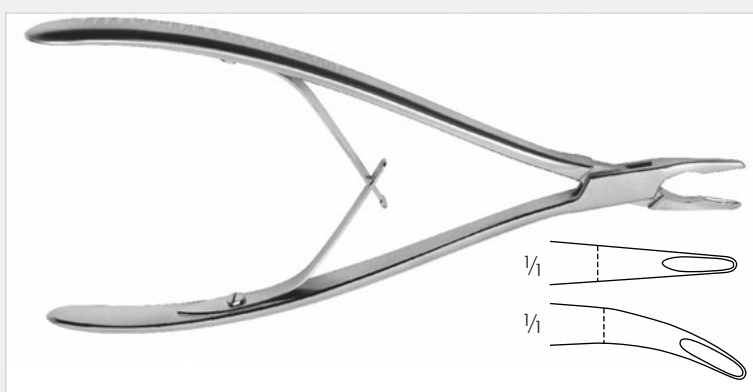
Wundhaken, scharf, 120 mm
Wound retractor, sharp, 4 3/4 inch



210-640-140

LUER-FRIEDMANN

Hohlmeisselzange, leicht gebogen, 145 mm
Bone Rongeur, slightly curved, 5 3/4 inch



210-832-185

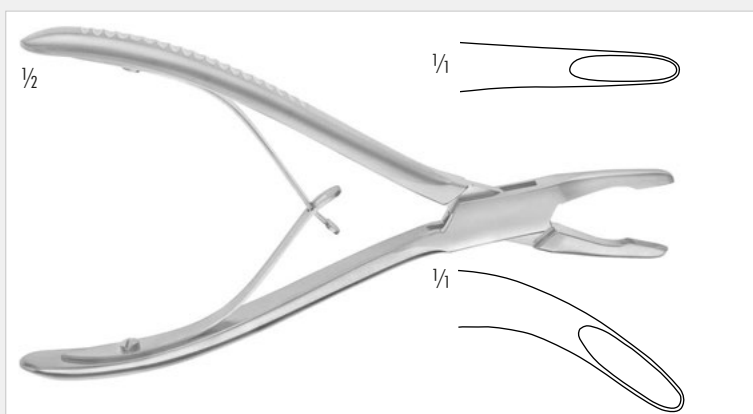
LEMPERT

Hohlmeisselzange, gerade, 200 mm
Bone Rongeur, straight, 8 inch

210-833-185

LEMPERT

Hohlmeisselzange, gebogen, 200 mm
Bone Rongeur, curved, 8 inch



210-826-180

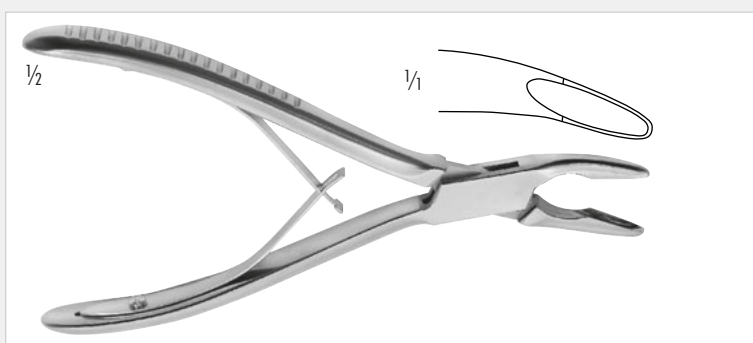
JANSEN

Hohlmeisselzange, gerade, 175 mm
Bone Rongeur, straight, 7 inch

210-829-180

JANSEN

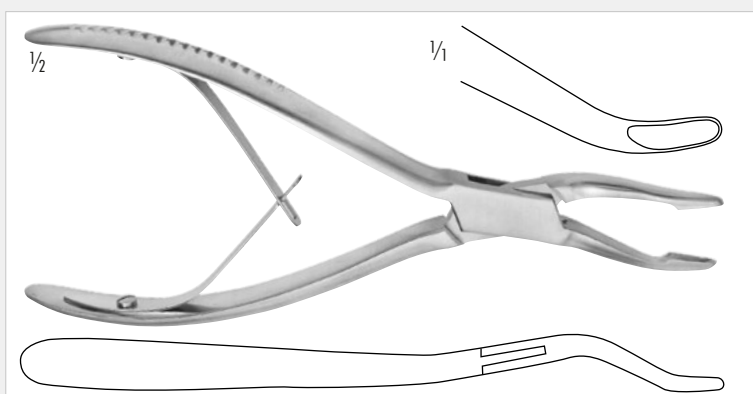
Hohlmeisselzange, gebogen, 175 mm
Bone Rongeur, curved, 7 inch



210-815-165

MEAD (BANE)

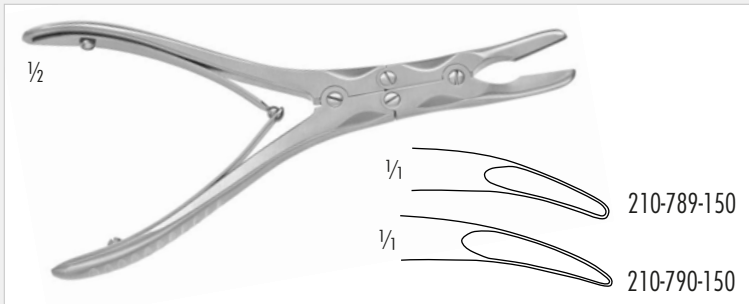
Hohlmeisselzange, gebogen, 165 mm
Bone Rongeur, curved, 6 1/2 inch



210-829-170

JANSEN

Hohlmeisselzange, s-förmig gebogen, 190 mm
Bone Rongeur, s-shaped, 7 1/2 inch



210-789-150

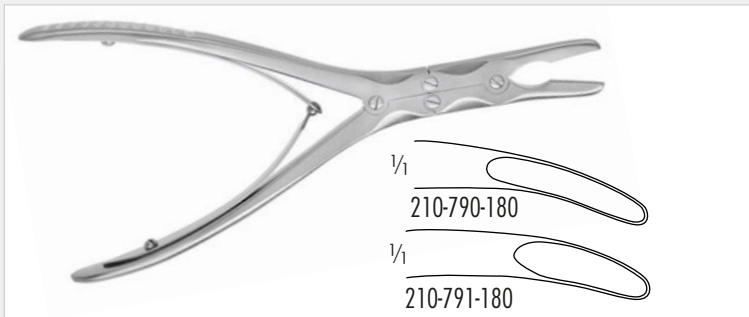
BOEHLER

Hohlmeisselzange, gebogen, übersetzt, 3 mm Maul, 155 mm
Bone Rongeur, curved, double action, 3 mm jaw, 6 inch

210-790-150

BOEHLER

Hohlmeisselzange, gebogen, übersetzt, 2mm Maul, 155 mm
Bone Rongeur, curved, double action, 2mm jaw, 6 inch



210-790-180

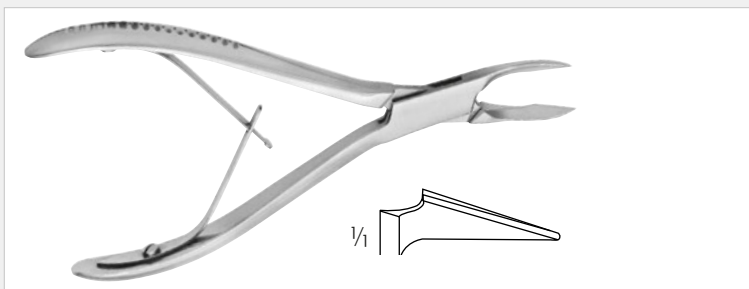
BEYER

Hohlmeisselzange, gebogen, übersetzt, 180 mm
Bone Rongeur, curved, double action, 7 inch

210-791-180

ZAUFAL-JANSEN

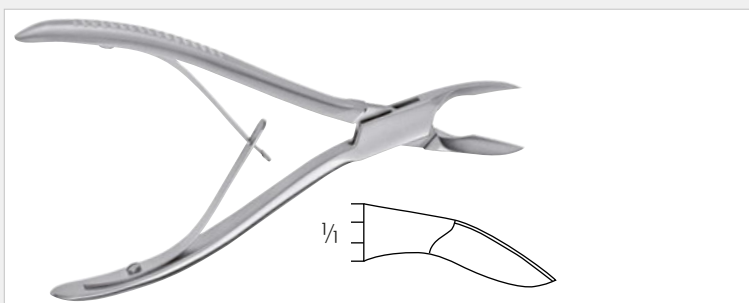
Hohlmeisselzange, gebogen, übersetzt, 180 mm
Bone Rongeur, curved, double action, 7 inch



210-846-150

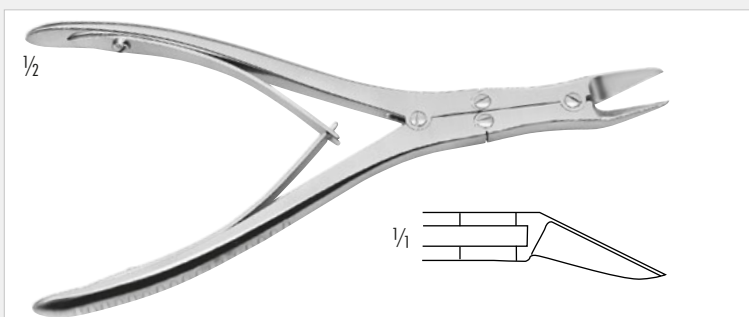
STAMM

Knochensplitterzange, 150 mm
Bone cutting forceps, 6 inch



210-845-170

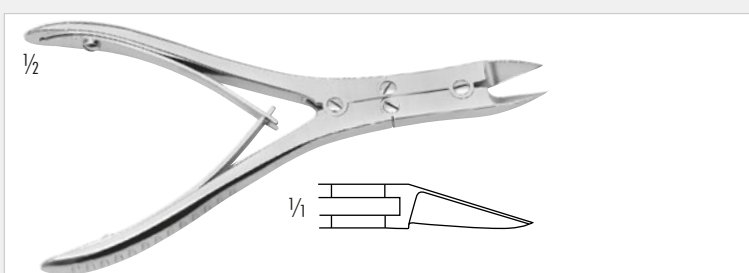
Knochenschneidezange, aufgebogen, 170 mm
Bone cutting forceps, curved on flat, 6 3/4 inch



210-880-175

MC INDOE

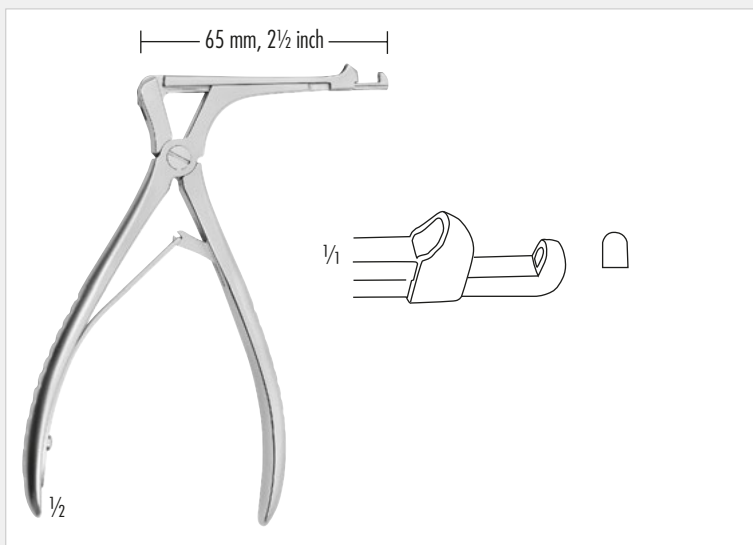
Knochensplitterzange, abgewinkelt, übersetzt, 175 mm
Bone cutting forceps, angled on flat, double action, 7 inch



210-890-150

BOEHLER

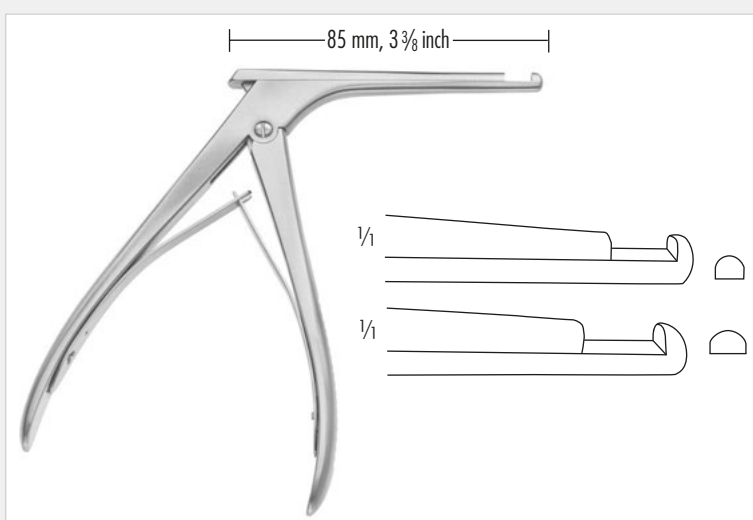
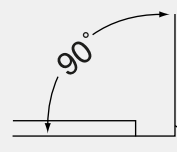
Knochenschneidezange, abgewinkelt, übersetzt, 145 mm
Bone cutting forceps, angled on flat, double action, 5 3/4 inch



410-241-035

CITELLI

Knochenstanze, durchschneidend, 3,5 mm
Bone Punch, through cutting, 3.5 mm

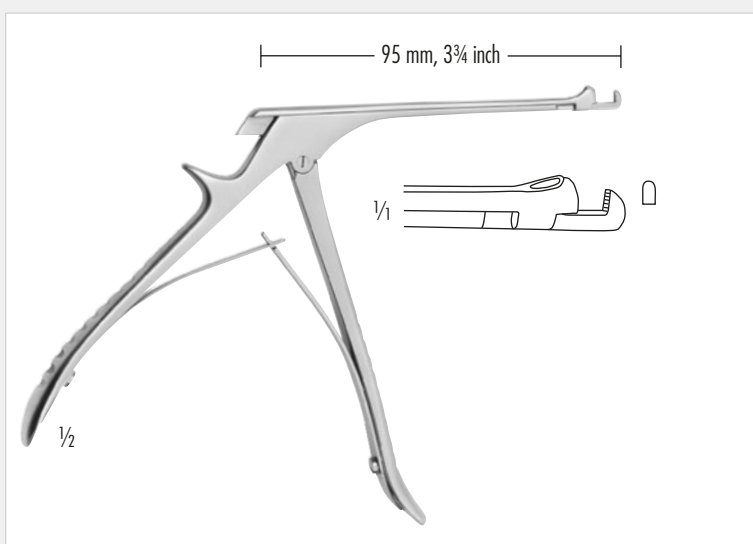
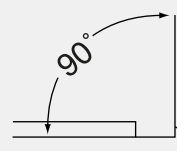


410-245-001 4 mm

410-245-002 5 mm

KERRISON

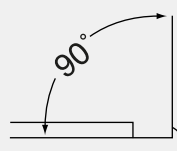
Knochenstanze
Bone Punch

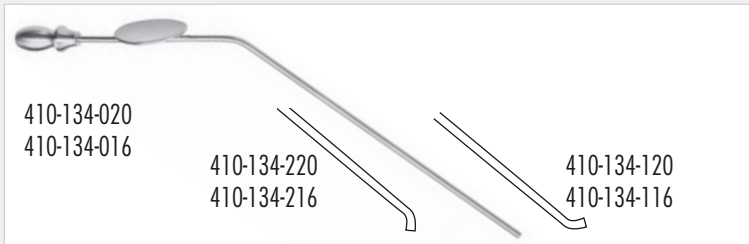


410-242-018 1,8 mm

CITELLI-BEYER

Knochenstanze
Bone Punch





VERHOEVEN

410-134-320 Saugrohr, 2,0 mm, gerade
Suction tube, 2.0 mm, straight

410-134-120 dito, nach oben
same, curved up

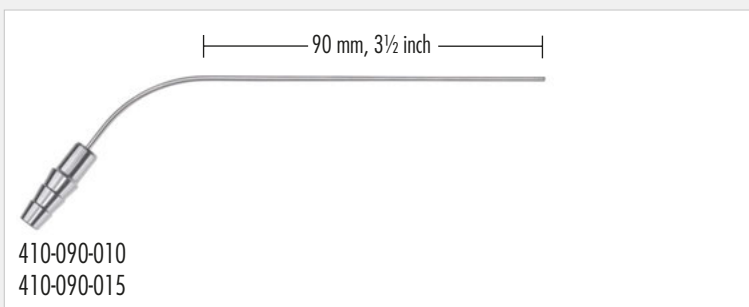
410-134-220 dito, nach unten
same, curved down

410-134-316 Saugrohr, 1,5 mm, gerade

Suction tube, 1.5 mm, straight

410-134-116 dito, nach oben
same, curved up

410-134-216 dito, nach unten
same, curved down



410-090-010 Saugrohr, kniegebogen, zylindr., Luer, 1,0 mm
Suction tube, knee bent, cylindr., Luer, 1.0 mm

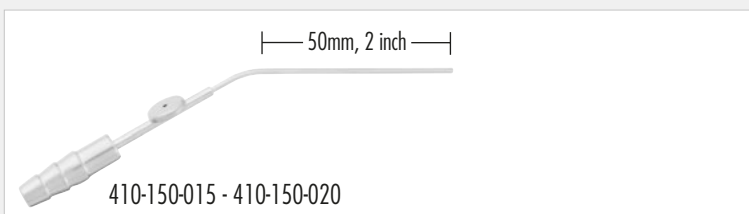
410-090-015 dito, 1,5 mm
same, 1.5 mm

410-090-020 dito, 2,0 mm
same, 2.0 mm

410-090-030 dito, 3,0 mm
same, 3.0 mm

410-090-040 dito, 4,0 mm
same, 4.0 mm

410-090-050 dito, 5,0 mm
same, 5.0 mm



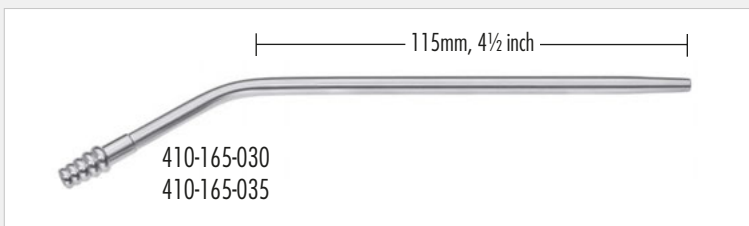
BARNES

410-150-015 Saugrohr, Luer, 1,5 mm

Suction tube, Luer, 1.5 mm

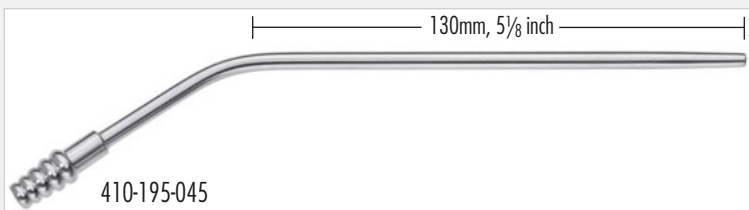
410-150-017 dito, 1,7 mm
same, 1.7 mm

410-150-020 dito, 2,0 mm
same, 2.0 mm

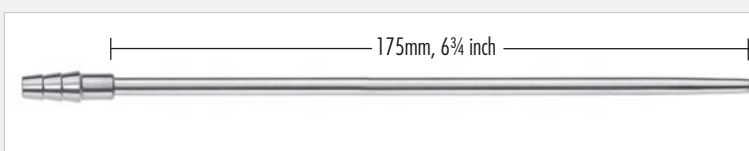


410-165-030 Saugrohr, konisch, 165 mm, Luer, 3,0 mm
Suction tube, conical, 165 mm, Luer, 3.0 mm

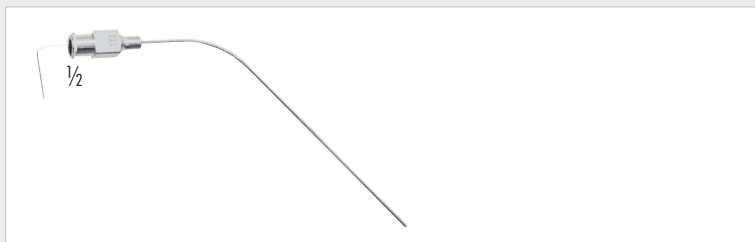
410-165-035 dito, 3,5 mm
same, 3.5 mm



410-195-045 Saugrohr, 195 mm lang, 4,5 mm,
Suction tube, 195 mm long, 4.5 mm,



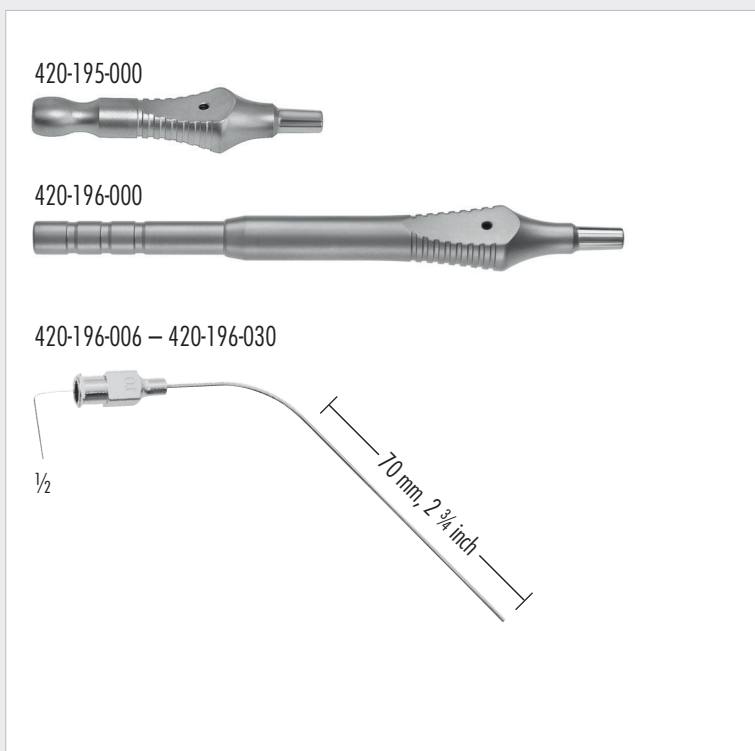
410-225-003 Saugrohr, biegsam, 225 mm, Ø 3mm, Luer
Suction tube, malleable, 225 mm, Ø 3mm, Luer



- 410-134-016 Ø 16 swg., Ø 1,6 mm
 410-134-012 Ø 18 swg., Ø 1,2 mm
 410-134-009 Ø 20 swg., Ø 0,9 mm
 410-134-007 Ø 22 swg., Ø 0,7 mm
 410-134-006 Ø 24 swg., Ø 0,6 mm

VERHOEVEN-ROSEN

Saugkanüle, mit LUER-Lock, 100 mm
 Suction cannula, with LUER-Lock, 4 inch



420-195-000

HOUSE

Saugadapter, 51 mm, Saugunterbrecher Durchmesser Olive: 7 mm
 Suction adapter, 2 1/8", finger cut-off, Diameter olive: 7 mm

420-196-000 Saughandgriff mit LUER-Konus, mit Unterbrecher
 Suction handle, with finger cut-off, with LUER cone

HOUSE

Saugkanülen mit Luer-lock, 2 Stück
 Suction cannulas with Luer-lock, 2 pieces per package

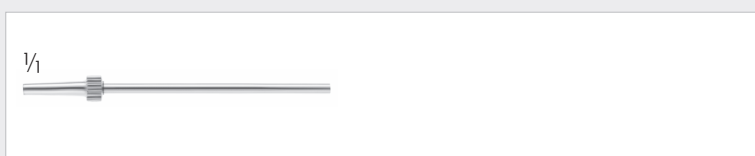
- 420-196-006 Ø 0.6 mm
 420-196-008 Ø 0.8 mm
 420-196-010 Ø 1.0 mm
 420-196-012 Ø 1.2 mm
 420-196-015 Ø 1.5 mm
 420-196-018 Ø 1.8 mm
 420-196-020 Ø 2.0 mm
 420-196-022 Ø 2.2 mm
 420-196-025 Ø 2.5 mm
 420-196-030 Ø 3.0 mm



410-267-100

ZOELLNER

Saugkanüle, allein
 Suction cannula, only



- 410-267-012 Ø 18 swg., Ø 1,2 mm
 410-267-009 Ø 20 swg., Ø 0,9 mm
 410-267-007 Ø 22 swg., Ø 0,7 mm
 410-267-006 Ø 24 swg., Ø 0,6 mm
 410-267-004 Ø 26 swg., Ø 0,4 mm

ZOELLNER

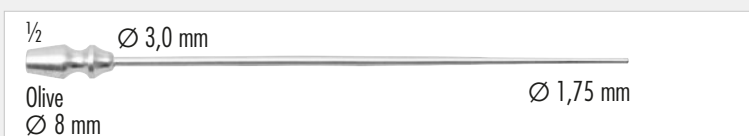
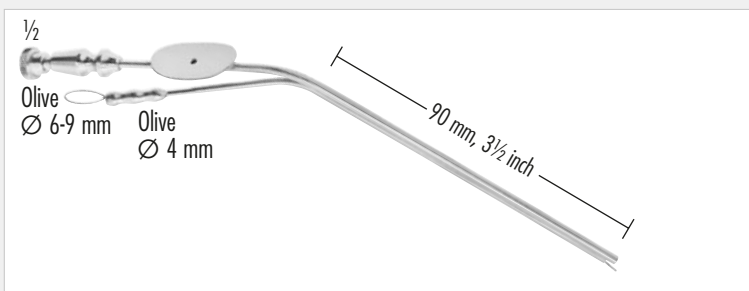
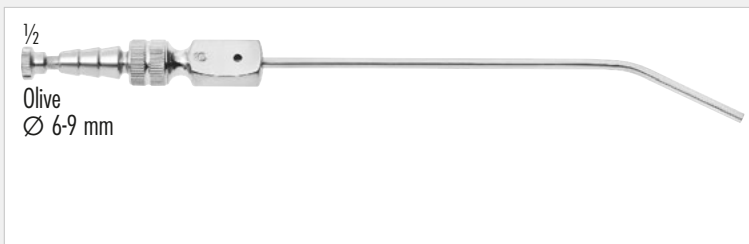
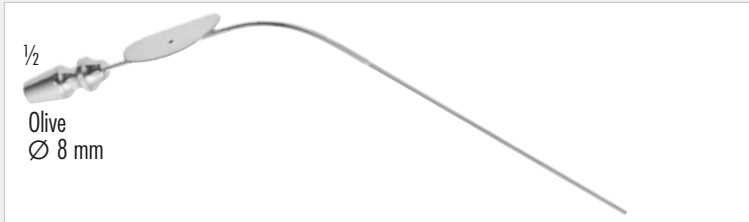
Auswechselbare Spitzen, Bestelleinheit: PZ = Packung á 10 Stück
 Detachable suction tips, Sales unit: PZ = Package of 10 pieces



410-135-000

WULLSTEIN

Saughandgriff, mit Fingerunterbrecher, 140 mm
 Suction handle, with finger-cut-off, 5 1/2 inch



165-536-010 18 Gauge 165-536-009 20 Gauge
165-536-007 22 Gauge 165-536-006 24 Gauge

SCHUKNECHT

Saugkanüle, 130 mm
Suction cannula, 5 1/8 inch

	75 mm/3 inch	100 mm/4 inch
3Charr./1,0 mm	165-538-003	165-539-003
5Charr./1,8 mm	165-538-005	165-539-005
7Charr./2,3 mm	165-538-007	165-539-007

BARRON

Saugkanüle mit Saugunterbrecher und Mandrin
Suction cannula with finger cut-off and stylet

Ø	130 mm/5 inch	180 mm/7 inch
1,5 mm	165-625-005	165-525-005
2,0 mm	165-625-006	165-525-006
2,5 mm	165-625-008	165-525-008
3,0 mm	165-625-010	165-525-010
4,0 mm	165-625-012	165-525-012
5,0 mm	165-625-015	165-525-015

FERGUSSON

Saugkanüle mit Saugunterbrecher und Mandrin,
Griffplatte mit LUER-Bohrung
Suction cannula with finger cut-off and stylet,
thumb piece with LUER hub

165-725-008	Ø 2,5 mm
165-725-010	Ø 3,0 mm
165-725-012	Ø 4,0 mm
165-725-015	Ø 5,0 mm

PLESTER

Saugkanüle mit Saugunterbrecher und Mandrin, Griffplatte parallel
zur Biegung, LUER-Bohrung, 195 mm
Suction cannula with finger cut-off and stylet, thumb piece parallel
to curve, with LUER hub, 7 3/4 inch

252-140-003	Saugrohr Ø 0,9 mm, Spüßrohr Ø 0,7 mm suction tube Ø 0.9 mm, irrigation tube Ø 0.7 mm
252-140-004	Saugrohr Ø 1,2 mm, Spüßrohr Ø 0,9 mm suction tube Ø 1.2 mm, irrigation tube Ø 0.9 mm
252-140-005	Saugrohr Ø 1,5 mm, Spüßrohr Ø 1,2 mm suction tube Ø 1.5 mm, irrigation tube Ø 1.2 mm

HOUSE

Saugkanüle mit Saugunterbrecher und Mandrin, LUER-Bohrung
Suction cannula with finger cut-off and stylet, with LUER hub

410-135-160	Ø 1,5 mm
410-132-160	Ø 2,0 mm

WULLSTEIN

Saugrohr, zylindrisch, aus Silber, mit Mandrin, Olive mit LUER Bohrung
Suction tube, cylindrical, silver plated, with stylet, olive with LUER hub
160 mm, 6 1/4 inch

410-133-160

WULLSTEIN

Saugrohr, konisch, aus Silber, Olive mit LUER-Bohrung, 160 mm
Suction tube, conical, silver plated, olive with LUER hub, 6 1/4 inch



110-110-003
Skalpell Griff Nr. 3, 130 mm
Scalpel Handle No. 3, 5 1/8 inch



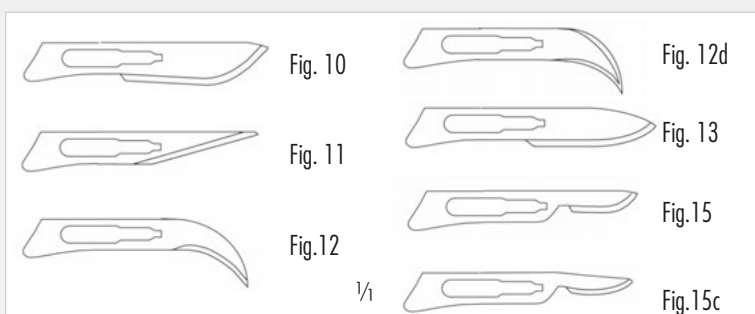
110-114-003
Skalpell Griff Nr. 3, graduert, 130 mm
Scalpel Handle No. 3, graduated, 5 1/8 inch



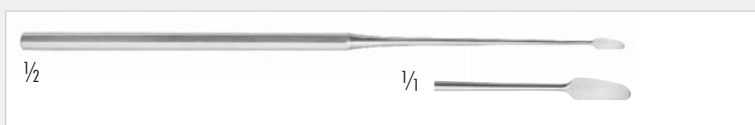
110-130-077
Skalpell Griff Nr. 7, 165 mm
Scalpel Handle No. 7, 6 1/2 inch



110-130-007
Skalpell Griff Nr. 7K, 130 mm
Scalpel Handle No. 7K, 5 inch



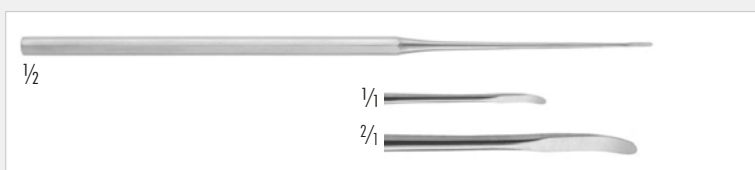
110-201-010 Fig.10
110-201-011 Fig.11
110-201-012 Fig.12
110-201-112 Fig.12d
110-201-013 Fig.13
110-201-015 Fig.15
110-201-115 Fig.15c
Skalpellklingen Fig. 15, steril, PA à 100 Stück
Scalpel blades Fig. 15, sterile, PA = 100 pieces



410-329-160
WULLSTEIN
Raspatorium, gebogen, 160 mm
Raspatory, rounded blade, curved, 6 1/4 inch



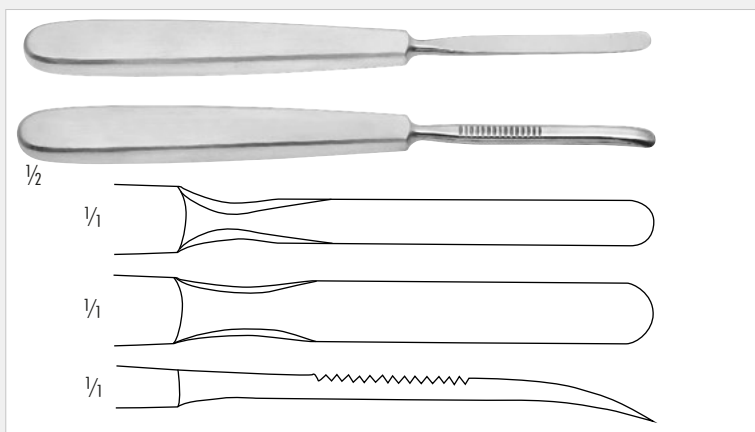
410-328-165
BEALES
Raspatorium, 165 mm
Raspatory, 6 1/2 inch



410-327-165
BEALES
Raspatorium, spatelförmiges Blatt, klein, 165 mm
Raspatory, spatula end, small, 6 1/2 inch



410-330-160
LEMPERT
Raspatorium, schmal, gerade, 160 mm
Raspatory, narrow, straight, 6 1/4 inch



210-439-006 6 mm
210-439-008 8 mm
Raspatorium, leicht gebogen, 165 mm
Raspatory, slightly curved, 6 1/2 inch



120-047-120

WAGNER

Zahnfleischschere, gebogen, stumpf, 120 mm
Gum scissors, curved, blunt, 4 3/4 inch



120-057-140

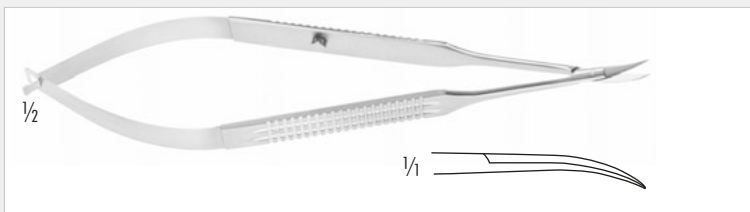
SANVENERO

Chirurgische Schere, gebogen, spitz, 140 mm
Operating scissors, curved, sharp, 5 1/2 inch



120-071-105

Irisschere, gebogen, 105 mm
Iris scissors, curved, 4 1/4 inch



250-064-021

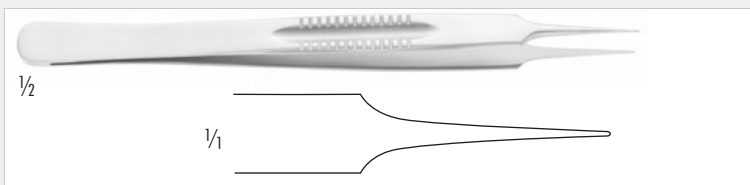
MILLES

Mikro Federschere, gebogen, Schneiden gezahnt, 160 mm
Micro Scissors (Spring Type), toothed blades, curved, 6 1/4 inch



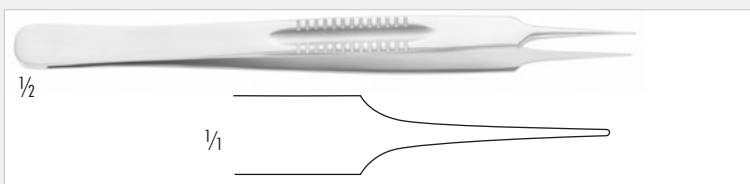
250-064-079

Mikro Nadelhalter, gebogen, mit breitem Griff, 160 mm
Micro Needle Holder, curved, with wide handle, 6 1/4 inch



250-024-260

Mikro Lazar Pinzette, 0,5 mm Spitzen, 155 mm
Micro Lazar Forceps, 0.5 mm tips, 6 inch



250-024-261

Mikro Lazar Pinzette, 0,8 mm Spitzen, 155 mm
Micro Lazar Forceps, 0.8 mm tips, 6 inch



251-613-110

Gefäßdilator, gerade, Flachgriff, 9 mm breit, 110 mm
Vessel dilator, straight, flat handle, 9 mm wide, 4 3/8 inch



130-145-125

SEMKEN

Chirurgische Pinzette, 1 x 2 Zähne, 125 mm

Tissue forceps, 1 x 2 teeth, 5 inch



130-145-150

SEMKEN

Chirurgische Pinzette, 1 x 2 Zähne, 150 mm

Tissue forceps, 1 x 2 teeth, 6 inch



130-144-150

SEMKEN

Anatomische Pinzette, 150 mm

Dressing forceps, 6 inch



410-383-120

DERLACKI

Chirurgische Gehörknöchelchen-Pinzette mit Schließschraube, Mehrfachzahnung, 120 mm

Aural tissue forceps with locking screw, for small aural bones, multiple teeth, 4 3/4 inch



130-550-120

Mikro- Adson Pinzette, 1 x 2 Zähne, 120 mm

Micro- Adson Forceps, 1 x 2 teeth, 4 3/4 inch



130-548-120

Mikro- Adson Pinzette, gerieft, 120 mm

Micro- Adson dressing forceps, serrated, 4 3/4 inch



130-503-100

GRAEFE

Feine chirurgische Pinzette, 1x2 Zähne, gerade, 100 mm

Delicate tissue forceps, 1x2 teeth, straight, 4 inch



130-504-100

GRAEFE

Feine chirurgische Pinzette, 1x2 Zähne, gebogen, 100 mm

Delicate tissue forceps, 1x2 teeth, curved, 4 inch



130-500-100

GRAEFE

Feine anatomische Pinzette, gerade, 100 mm

Delicate dressing forceps, straight, 4 inch

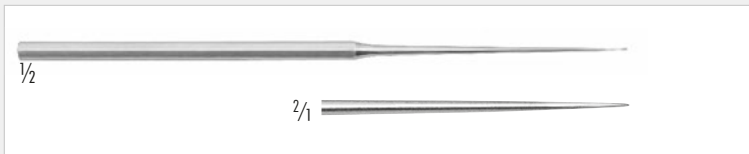


130-501-100

GRAEFE

Feine anatomische Pinzette, gebogen, 100 mm

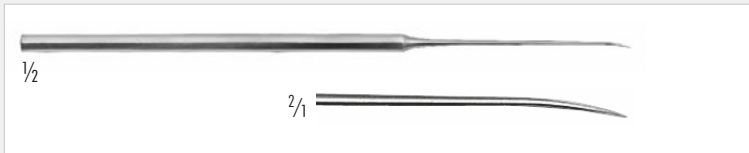
Delicate dressing forceps, curved, 4 inch



410-110-155 spitz/pointed
410-110-160 stumpf/blunt

BARBARA

Mikro- Nadel (Perforator), gerade, 160 mm
Micro Needle (perforator), straight, sharp point, 6 1/4 inch



410-111-155

WULLSTEIN

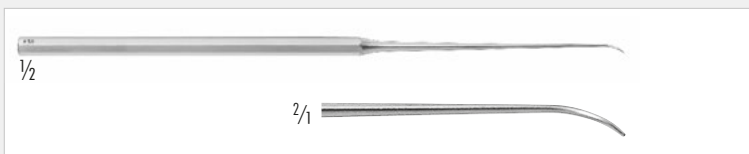
Mikro- Nadel (Perforator), leicht gebogen, 160 mm
Micro Needle (perforator), slightly curved, sharp point, 6 1/4 inch



410-112-155

BARBARA

Mikro-Nadel (Perforator), leicht, lange Biegung, 160 mm
Micro Needle (perforator), slightly, long curvature, 6 1/4 inch



410-114-155

BARBARA

Mikro-Nadel (Perforator), stark gebogen, 160 mm
Micro Needle (perforator), acute curved, sharp point, 6 1/4 inch



410-116-155

ROSEN

Mikro-Häkchen, stark lang gebogen, 160 mm
Micro Hook, acute long curvature, 6 1/4 inch



410-115-003 0,3 mm
410-115-006 0,6 mm
410-115-010 1,0 mm

SHAMBOUGH

Mikro-Häkchen, 25° abgewinkelt, 160 mm
Micro Hook, 25° angled, 6 1/4 inch



410-117-002 0,2 mm	410-117-003 0,3 mm
410-117-004 0,4 mm	410-117-006 0,6 mm
410-117-008 0,8 mm	410-117-010 1,0 mm
410-117-012 1,2 mm	410-117-015 1,5 mm
410-117-020 2,0 mm	410-117-025 2,5 mm

SHAMBOUGH

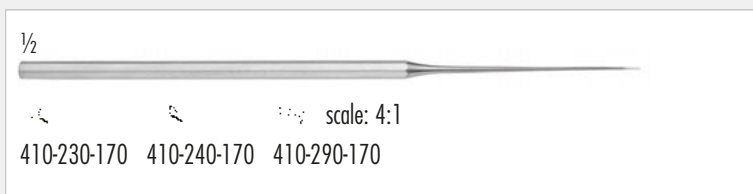
Mikro-Häkchen, 45° abgewinkelt, 160 mm
Micro Hook, 45° angled, 6 1/4 inch



410-210-002 0,2 mm	410-210-003 0,3 mm
410-210-004 0,4 mm	410-210-006 0,6 mm
410-210-008 0,8 mm	410-210-010 1,0 mm
410-210-012 1,2 mm	410-210-015 1,5 mm
410-210-020 2,0 mm	410-210-025 2,5 mm

SHAMBOUGH

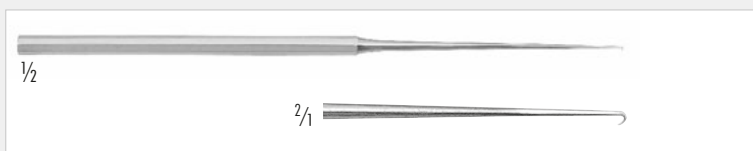
Mikro-Häkchen, 90° abgewinkelt, 160 mm
Micro Hook, 90° angled, 6 1/4 inch



410-230-170 0.33mm Spitze/tip, 30° gebogen/angled
410-240-170 0.66mm Spitze/tip, 30° gebogen/angled
410-290-170 0.33mm Spitze/tip, 90° gebogen/angled

HOUSE

Oval Window Pick, 8-kant Griff, spitz, 17cm
Oval Window Pick, Octagon handle, pointed, 6 3/4 inch



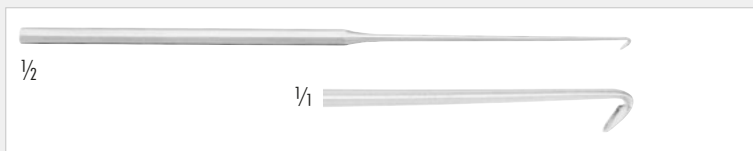
410-119-010 1,0 mm
410-119-011 2,5 mm
Mikro-Häkchen, retrograd gebogen, 160 mm
Micro hook, reverse curved, 6 1/4 inch



410-119-110

BLOCH

Ohrstopfer, 110 mm
Aural plugger, 4 1/3 inch



410-120-020 2,0 mm

PLESTER

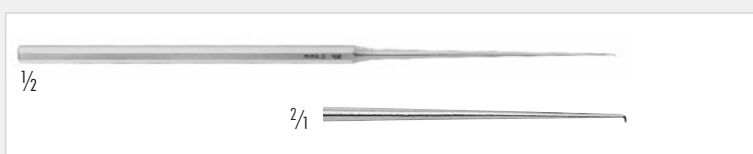
Ohrschaber, 60° abgewinkelt, zum Anfrischen der Trommelfell-rückseite, 160 mm
Aural scraper, 60° angled, for roughening of tympanum surface, 6 1/4 inch



410-216-006 0,6 mm

HEERMANN

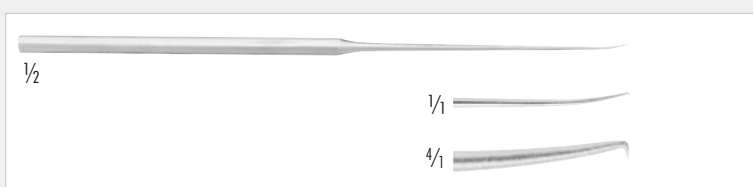
Häkchen, retrograd schneidend, 160 mm
Hook, reverse cutting, 6 1/4 inch



410-216-004 0,4 mm

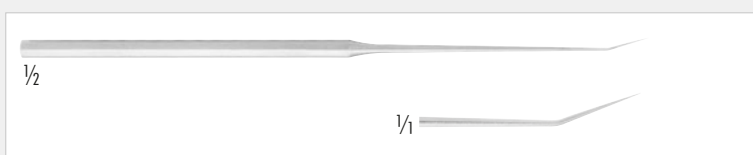
PLESTER

Fußplatten-Häkchen, 90° abgewinkelt, oval, stumpf, 160 mm
Footplate hook, 90° angled, oval, blunt, 6 1/4 inch



410-216-007

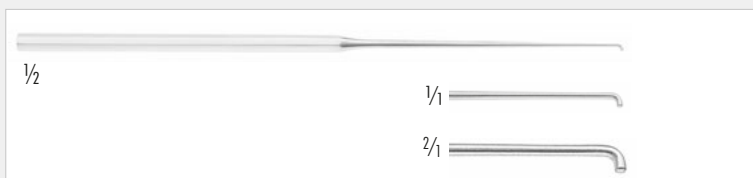
Mikro-Häkchen, leicht abgewinkelte Spitze, 160 mm
Mikro Hook, slightly angled at tip, 6 1/4 inch



410-216-008

BEALE

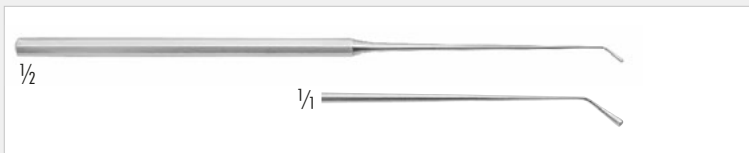
Mikro-Ohrhäkchen, nach oben abgewinkelt, 160 mm
Footplate Hook, angled upwards for removal of footplate, 6 1/4 inch



410-216-009

PLESTER

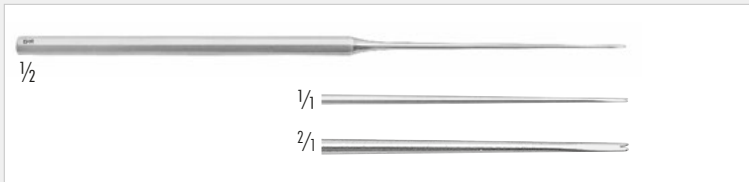
Antrumhäkchen, 90° abgewinkelt, zylindrisch, 160 mm
Antrum hook, 90° angled, cylindric, 6 1/4 inch



410-216-045

PLESTER

Antrumhäkchen, 45° abgewinkelt, zylindrisch, 160 mm
Antrum hook, 45° angled, cylindric, 6 1/4 inch



410-216-160

PLESTER

Applikationsinstrument (Führungsgabel, Stapesreiter) für
Stapesprothesen mit Drahtschlinge, (Arbeitsende flach), 160 mm
Wire guide and applicator for stapesprosthesis,
flat end with V-notch, 6 1/4 inch



410-216-165

HUGHES

Steigbügelhäkchen, 165 mm
Stapes mobiliser, 6 1/2 inch



25° nach hinten gebogen
/angled backwards

410-210-303 0,3 mm
410-210-306 0,6 mm
410-210-310 1,0 mm

BARBARA kniegebogen /knee bent
410-113-155
gerade /straight

25° nach vorne gebogen
/angled forwards

410-210-203 0,3 mm
410-210-206 0,6 mm
410-210-210 1,0 mm

ROSEN kniegebogen /knee bent
410-115-153
gebogen /curved

45° nach hinten gebogen
/angled backwards

410-217-003 0,3 mm
410-217-006 0,6 mm
410-217-010 1,0 mm

retrograd nach hinten gebogen
/retrograde angled backwards
410-116-205 0,5 mm
410-116-210 1,0 mm

45° nach vorne gebogen
/angled forwards

410-217-103 0,3 mm
410-217-106 0,6 mm
410-217-110 1,0 mm

retrograd nach vorne gebogen
/retrograde angled forwards
410-116-305 0,5 mm
410-116-310 1,0 mm

90° nach hinten gebogen
/angled backwards

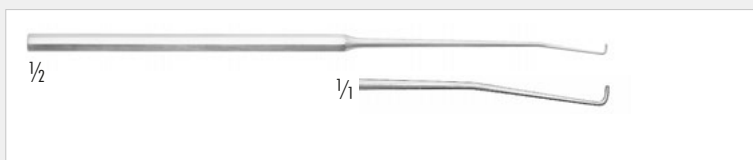
410-216-003 0,3 mm
410-216-005 0,6 mm
410-216-010 1,0 mm

90° nach vorne gebogen
/angled forwards

410-116-103 0,3 mm
410-116-105 0,6 mm
410-116-110 1,0 mm

HOUGH

Mikro Häkchen, 160 mm
Micro hook, 6 1/4 inch



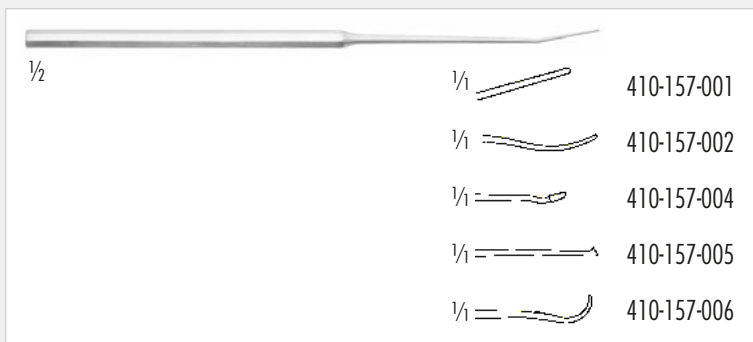
410-157-090 3 mm stumpf/blunt

410-157-095 5mm stumpf/blunt

AUSTIN

Attikusdissektor, 90° gebogen, 165 mm

Attic Dissector, 90° angled, 6 1/2 inch



410-157-001 Elevatorium/Elevator 1,0 mm

410-157-002 Raspatorium/Raspatory 1,0 mm

410-157-003 Raspatorium/Raspatory 1,2 mm

410-157-004 Löffel/Spoon

410-157-005 Häkchen retrograd scheidend, 0,6 mm

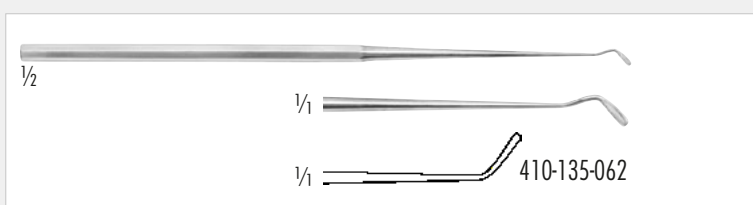
Hook retrograde cutting, 0.6 mm

410-157-006 Raspatorium/Raspatory 1,8 mm

AUSTIN

165 mm

6 1/2 inch



410-135-060 doppelt gebogen links

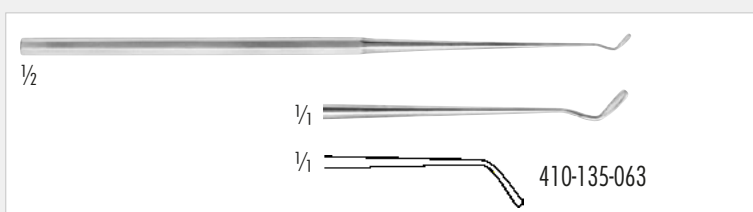
double curved left

410-135-062 einfach gebogen links

single curved left

Trommelfell Exkavator, schmal, 160 mm

Excavator, narrow, 6 1/4 inch



410-135-061 doppelt gebogen rechts

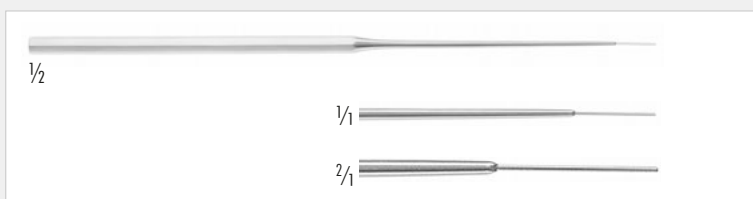
double curved rechts

410-135-063 einfach gebogen rechts

single curved rechts

Trommelfell Exkavator, schmal, 160 mm

Tympanum Excavator, narrow, 6 1/4 inch



410-137-004 0,4 mm

410-137-006 0,6 mm

410-137-008 0,8 mm

Messzylinder, 165 mm

Caliper, 6 1/2 inch



410-137-013 0,3 mm

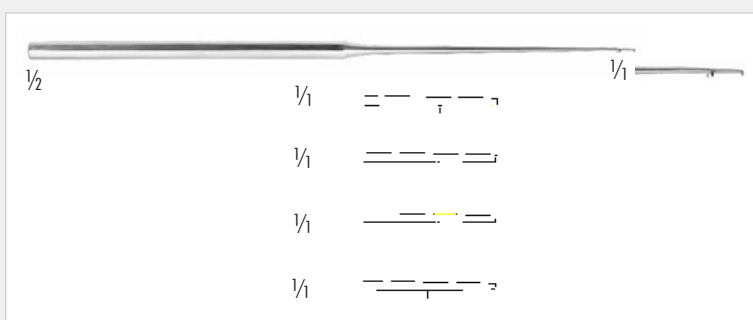
410-137-014 0,4 mm

410-137-015 0,5 mm

410-137-016 0,6 mm

Perforator, 165 mm

Perforator, 6 1/2 inch



410-142-166

Mess-Sonde, Markierungen bei 3,5 - 4 - 4,5 mm zur

Längenbestimmung der Stapesprothese, 160 mm

Measuring probe (caliper) markings at 3.5 - 4 - 4.5 mm,

to determine length of stapes prosthesis, 6 1/4 inch

410-142-135 Markierung 3,5 mm/Mark 3.5 mm

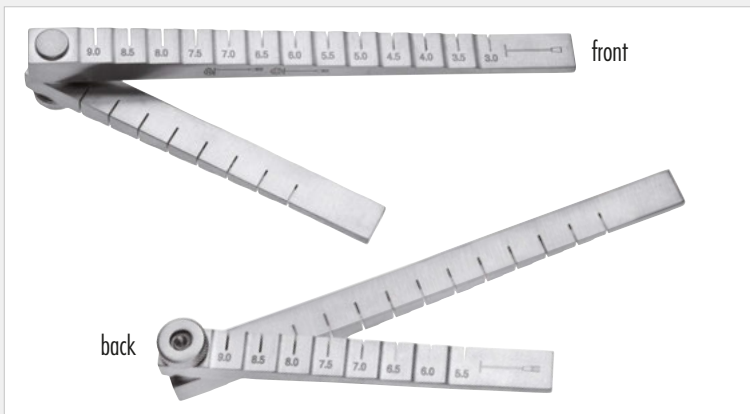
410-142-140 Markierung 4,0 mm/Mark 4.5 mm

410-142-145 Markierung 4,5 mm/Mark 4.5 mm

410-142-150 Markierung 5,0 mm/Mark 5.0 mm



410-143-000 92 x 54 mm
Präpariertablett aus Metall mit mm Skala
Preparation tray with mm scale, stainless steel



410-155-800
Universal Titan Prothesen Messgerät, Messbereich von 2.5 bis 9mm
Universal Titanium Prosthesis Sizer, measuring from 2.5 till 9mm

HEERMANN

Instrumentarium zur Ausmeisselung der Stapes-Fussplatte
Instruments for the removal of the stapedial footplate

410-144-007 0,7 mm

Hohlmeissel, sehr fein
Gouge, very delicate

410-144-010 1,0 mm

Hohlmeissel für Fensterung
Gouge for fenestration

410-144-015 1,5 mm

Hohlmeissel für Fensterung
Gouge for fenestration

410-144-017 0,7 mm

Flachmeissel, sehr fein
Chisel, very delicate

410-144-030 3,0 mm

Hohlmeissel für Fensterung
Gouge for fenestration

410-144-100

Handgriff für die Spezialmeissel. Die Meissel können mit der Feststellschraube in jeder Position fixiert werden.
Handle to hold specially designed chisel and gouges. The knurled screw holds inserts securely in place.

410-144-200

HEERMANN

Metallhammer, mit Hohlheft, 195 mm
Mallet, metal, with hollow handle, narrow head, 7 ¾ inch

410-145-000

SCHUKNECHT

Biegegerät zum Formen von Stapes Drahtprothesen aus rostfreiem Stahl. Biegeplatte mit Millimereinteilung.
Bending device for stapes. This dye is used to pre-form stainless steel wire prosthesis to produce the appropriate button-hook shape for easy attachment to the incus. Measuring the length of the prosthesis, millimeter scale is centered on the bending dye.





410-046-160 1,5 x 2,5 mm

SHEA

Scharfer Löffel für Tympanoplastik, oval, mit kniegebogenem Schaft, 160 mm
Curette, sharp for tympanoplasty, oval cup, upwards cutting with knee bent shaft, 6 1/4 inch



410-047-160 1,5 x 2,5 mm

SHEA

Scharfer Löffel für Tympanoplastik und Myringoplastik, ovaler Löffel, 160 mm
Curette, sharp for tympanoplasty and myringoplasty, oval cups, 6 1/4 inch



410-044-001 Ø 1,0 + 1,2 mm

410-044-002 Ø 1,5 + 1,8 mm

HOUSE

Scharfer Doppel-Löffel für Stapedektomie, ovale Löffel, leicht gebogen, 150 mm
Curette, sharp, double ended, for stapedectomy, oval cups, slightly curved, 6 inch



410-044-003 Ø 1,0 + 1,2 mm

410-044-004 Ø 1,5 + 1,8 mm

HOUSE

Scharfer Doppel-Löffel für Stapedektomie, oval, stark gebogen, 150 mm
Curette, sharp, double ended, for stapedectomy, oval cups, strongly curved, 6 inch



410-044-150

HOUSE-STAPES

Kürette, doppelendig, 2x2,5mm, 2,25x3mm, 35° abgewinkelt, 150mm
Curette, double ended, 2x2.5mm, 2.25x3mm, 35° angled, 6 inch



410-089-001

SCHUKNECHT

Rollmesser, rechtwinklig zum Schaft, zur Inzision im äusseren Gehörgang, 160 mm
Roller knife, for incision of the bony external auditory meatus, blade at the right angle to shaft, 6 1/4 inch



410-089-002

SCHUKNECHT

Rollmesser, parallel zum Schaft, zur Inzision im äusseren Gehörgang, 160 mm
Roller knife, for incision of the bony external auditory meatus, but blade in line with shaft, 6 1/4 inch



410-093-160

ROSEN

Lanzettenmesser, 160 mm

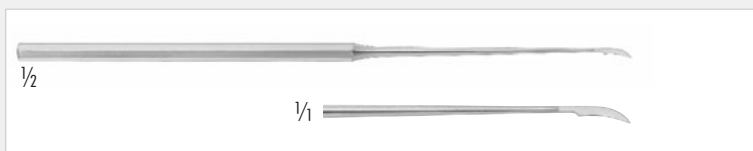
Knife and elevator, spear pointed blade, 6 1/4 inch



410-100-160

Diszisionsmesser, gerades Blatt, 160 mm

Footplate knife, straight blade, 6 1/4 inch

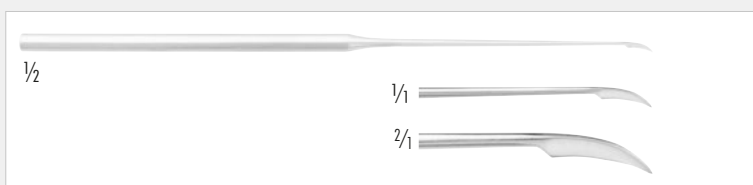


410-101-160

PLESTER

Sichelmesser, leicht gebogenes Blatt, 160 mm

Sickle knife, slightly curved blade, 6 1/4 inch

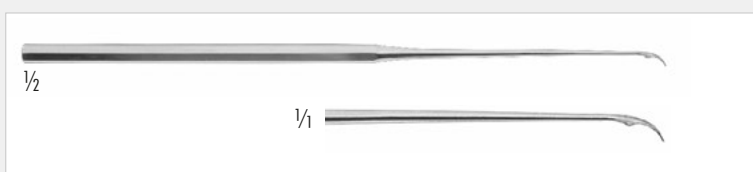


410-103-160

THORBURN

Sichelmesser, gebogenes Blatt, 165 mm

Sickle knife, curved blade, 6 1/2 inch



410-109-170

BEALES

Sehnenmesser, 170 mm

Tendon knife, 6 3/4 inch

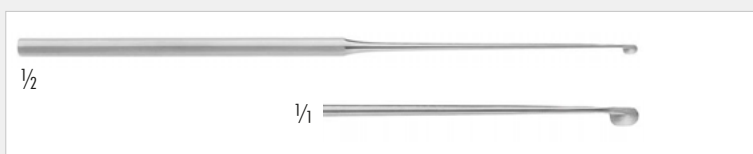


410-124-160 2,4 mm x 3 mm

PLESTER

Lappenmesser, rundum schneidend, 160 mm

Flap knife, round cutting, 6 1/4 inch

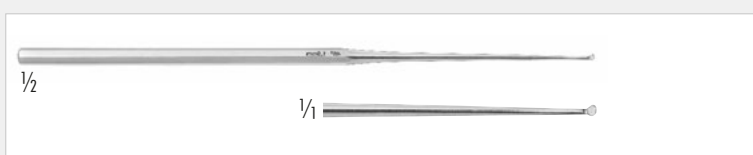


410-092-001 2,4 mm x 3,5 mm

PLESTER

Lappenmesser, rundum schneidend, 160 mm

Flap knife, round cutting, 6 1/4 inch



410-118-010 Ø 1,0 mm

410-118-012 Ø 1,2 mm

410-118-015 Ø 1,5 mm

410-118-016 Ø 1,6 mm

410-118-020 Ø 2,0 mm

410-118-023 Ø 2,3 mm

410-118-026 Ø 2,6 mm

410-118-028 Ø 2,8 mm

410-118-030 Ø 3,0 mm

ROSEN

Rundschnittmesser, sehr fein, 45° abgewinkelt, 160 mm

Round cutting knife, slender, 45° angled, 6 1/4 inch



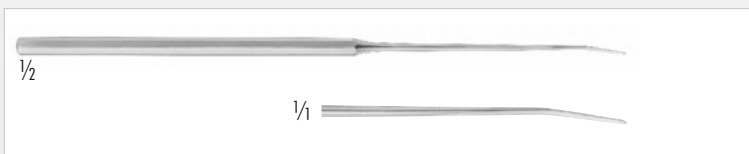
- 410-119-015 Ø 1,5 mm
- 410-119-020 Ø 2,0 mm
- 410-119-025 Ø 2,5 mm
- 410-119-030 Ø 3,0 mm

ROSEN

Rundschnittmesser, 90° abgewinkelt, 160 mm
Round cutting knife, 90° angled, 6 1/4 inch



- 410-135-048 2 mm breit / wide
- Transplantat-Träger und Raspatorium, 160 mm
- Graft holder and elevator, for lifting drum forward, 6 1/4 inch



- 410-135-050 1 mm breit / wide
- Stapes-Elevatorium, leicht abgewinkelt, 160 mm
- Stapes Elevator for lifting drum forward, slightly angled, 6 1/4 inch

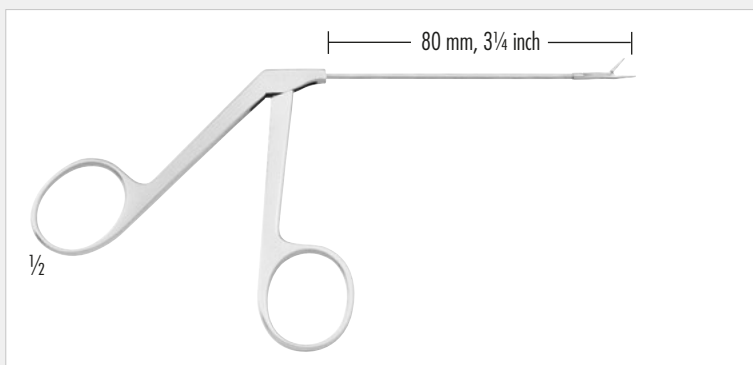


- 410-135-051 1,8 mm breit / wide
- Raspatorium, Spitze rund, zum Ablösen von weichem Gewebe, leicht aufgebogen, 160 mm
- Elevator, round edge, slightly curved, for dissection of soft tissue, 6 1/4 inch



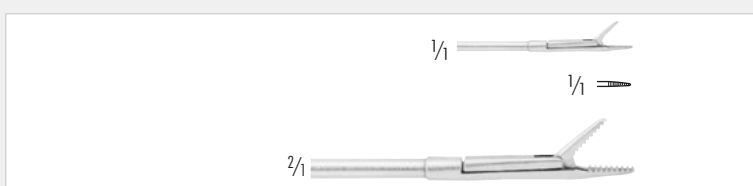
- 410-154-130 12x15mm Blatt, 130 mm
- 12x15mm plates, 5 1/8 inch
- 410-154-180 11x14 mm Blatt, 180 mm
- 11x14 mm plates, 7 inch
- 410-155-180 30x30mm Blatt, 180 mm
- 30x30mm plates, 7 inch
- 410-156-180 22x30mm Blatt, 180 mm
- 22x30mm plates, 7 inch

Implantate Presszange, glattes rechteckiges Maul
Vein graft, press forceps, smooth square jaws,



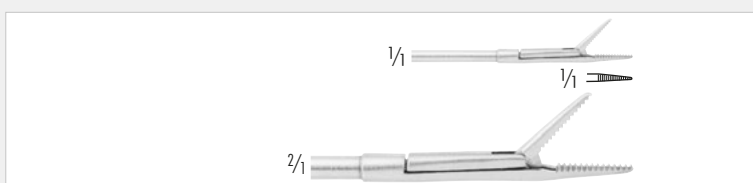
410-330-000 - 410-339-000

Mikro Faßzängchen, **Rohrschaft**
Micro aural forceps with **tubular shaft**



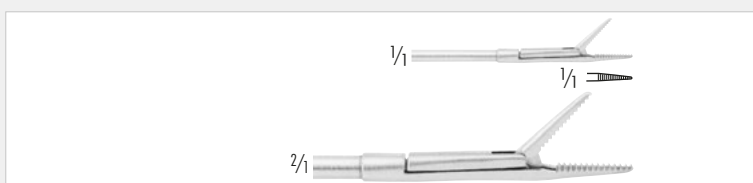
410-330-000 0,8 x 3,5 mm

gerade
straight



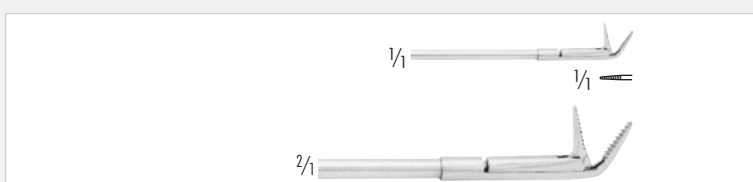
410-335-000 1 x 5 mm

gerade
straight



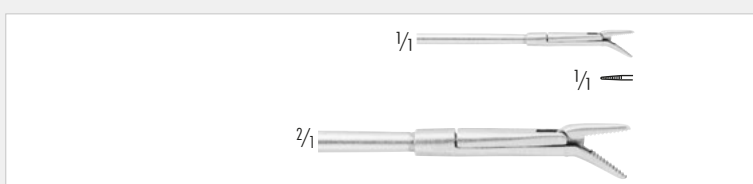
410-321-000 1,5 x 6,0 mm

gerade
straight



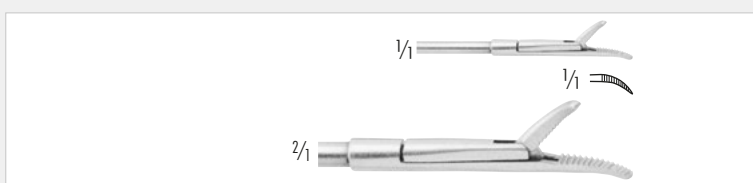
410-330-200 0,8 x 3,5 mm

65° nach oben gebogen
curved up 65°



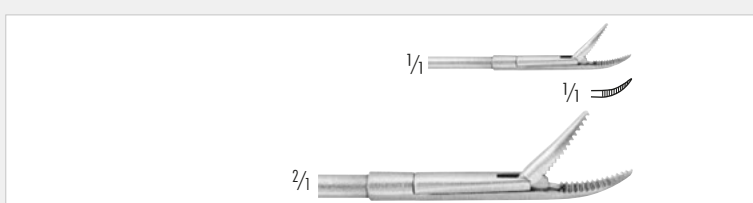
410-332-000 0,8 x 3,5 mm

45° nach unten gebogen
curved down 45°



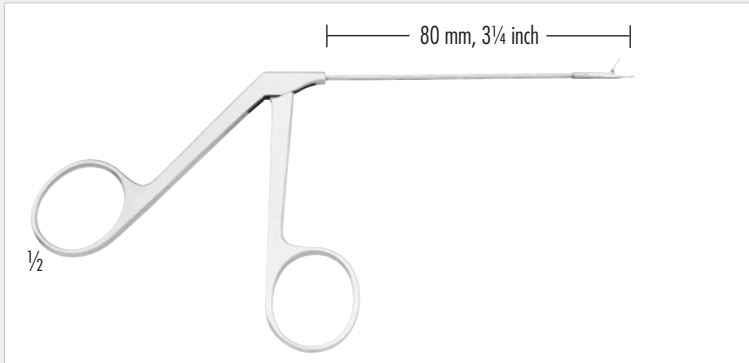
410-339-000 1 x 5 mm

rechts gebogen
curved to the right



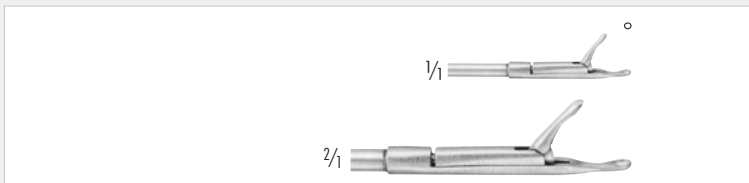
410-338-000 1 x 5 mm

links gebogen
curved to the left



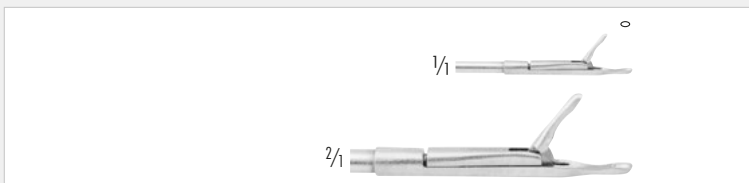
410-341-000 - 410-348-000

Mikro-Löffelzängchen, **Rohrschaft**
Micro cupped forceps with **tubular shaft**



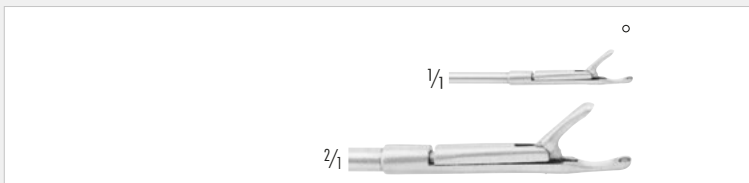
410-341-000 0,9 x 1,0 mm

gerade, Löffel oval
straight, oval cup



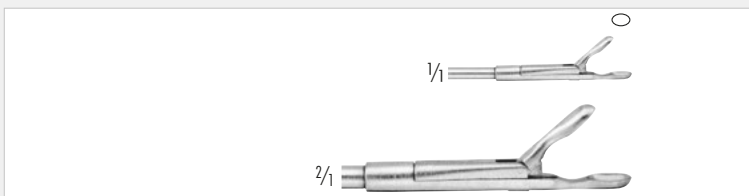
410-345-000 0,8 x 1,3 mm

WULLSTEIN
gerade, Löffel oval
straight, oval cup



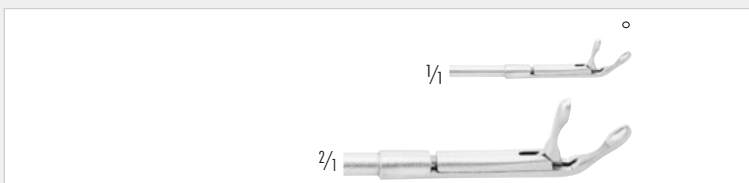
410-346-000 Ø 1,0 mm

WULLSTEIN
gerade, Löffel rund
straight, round cup



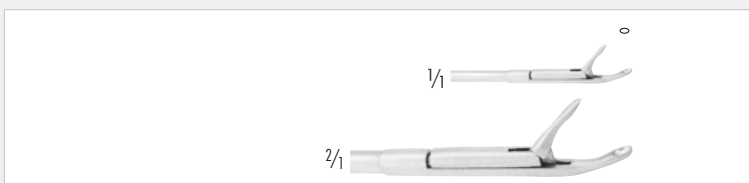
410-348-000 1,7 x 2,5 mm

WULLSTEIN
gerade, Löffel oval
straight, oval cup



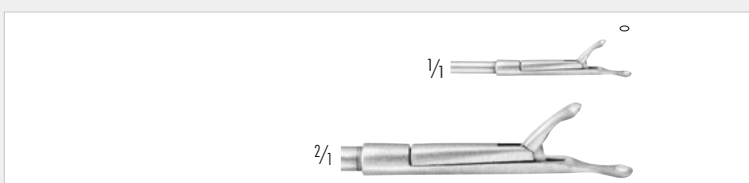
410-342-000 0,9 x 1,0 mm

gebogen, Löffel oval
curved up, oval cup



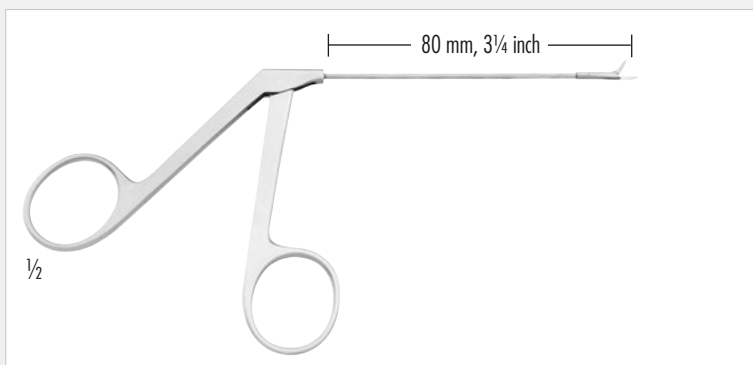
410-343-000 0,8 x 1,3 mm

WULLSTEIN
links gebogen, Löffel oval
curved to the left, oval cup



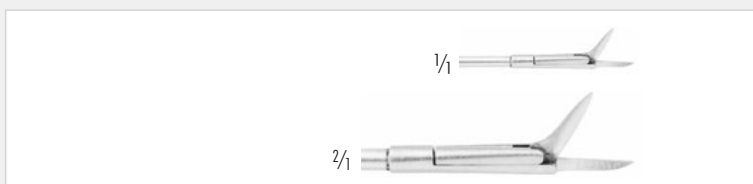
410-344-000 0,8 x 1,3 mm

WULLSTEIN
rechts gebogen, Löffel oval
curved to the right, oval cup



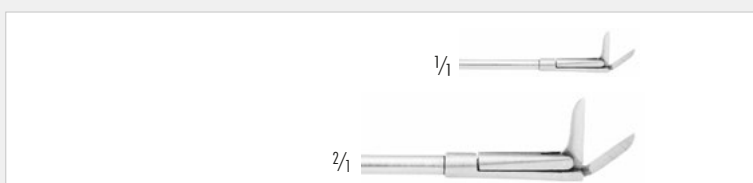
410-350-000 - 410-360-000

Mikro-Scherchen, Mikro-Stanzen,
Mikro-Drahtbiegezängchen, **Rohrschaft**
Micro scissors with, micro punches,
micro wire bending forceps, **tubular shaft**



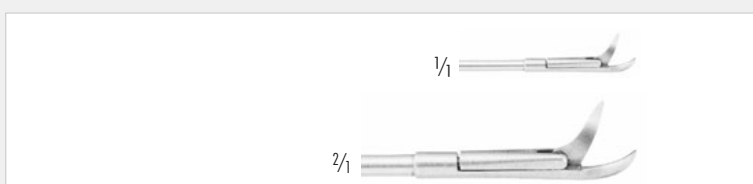
410-350-000 5mm

BELLUCCI
Mikro-Scherchen, gerade, spitz/spitz
Micro scissors, straight, sharp/sharp



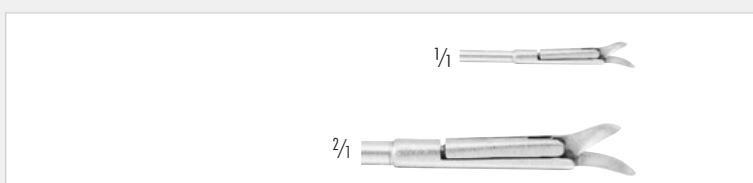
410-351-000 5mm

BELLUCCI
Mikro-Scherchen, nach oben gebogen, stumpf/stumpf
Micro scissors, curved up, blunt/blunt



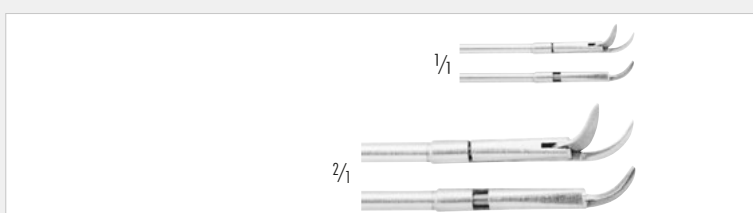
410-352-000 5mm

BELLUCCI
Mikro-Scherchen, nach links gebogen, spitz/spitz
Micro scissors, curved to the left, sharp/sharp



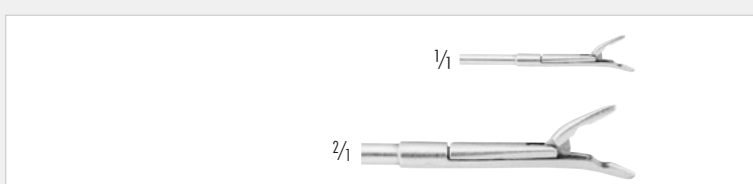
410-353-000 5mm

BELLUCCI
Mikro-Scherchen, nach rechts gebogen, spitz/spitz
Micro scissors, curved to the right, sharp/sharp



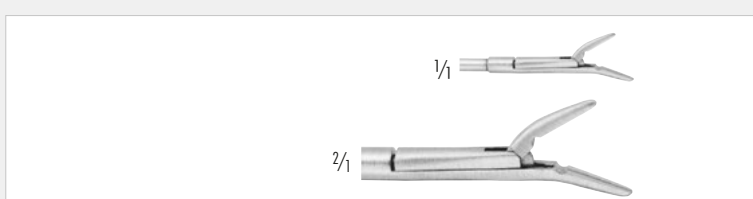
410-355-000

BELLUCCI
Mikro-Scherchen, horizontal schneidend
Micro scissors, horizontal cutting



410-359-000

MC GEE
Mikro-Drahtbiegezängchen, nach unten gebogen, Maullänge 3,5 mm
Wire bending forceps, curved down, jaw length 3.5 mm



410-360-000

MC GEE
Mikro-Drahtbiegezängchen, nach unten gebogen, Maullänge 5 mm
Wire bending forceps, curved down, jaw length 5 mm



410-208-100

SOFFERMANN

Nadelhalter mit Sperre, mit Schiebeschäft, kariertes Maul,
4,5 mm Maullänge, Arbeitslänge: 100 mm
Needle Holder with ratchet, with sliding shaft, serrated jaws,
4.5 mm long jaw, Working length: 4 inch



410-370-082 Rechts gebogen/offset right

410-370-081 Links gebogen/offset left

JUERS

Ohrzängchen, bajonettförmig, 6 mm Maullänge,
Arbeitslänge: 80 mm
Ear Forceps, bayonet shaped, 6 mm long jaws,
Working length: 3 1/8 inch



410-335-800 4,5 mm langes Maulteil/4.5 mm long jaw

410-330-800 3,0 mm langes Maulteil/3.0 mm long jaw

410-335-700 4,5 mm langes Maulteil/4.5 mm long jaw
glatt/smooth

Alligator Ohrzängchen, superfein, 0,8 mm breit,
Arbeitslänge: 80mm

Alligator Ear Forceps, extra fine, 0.8 mm wide,
Working length: 3 1/8 inch

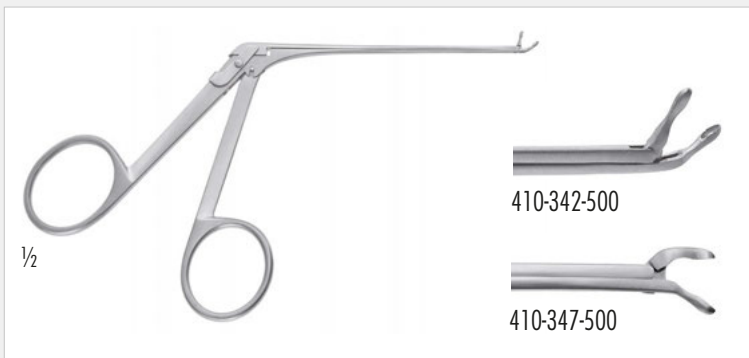


410-341-500 gerade/straight

410-343-500 links/left curved

410-344-500 rechts/right curved

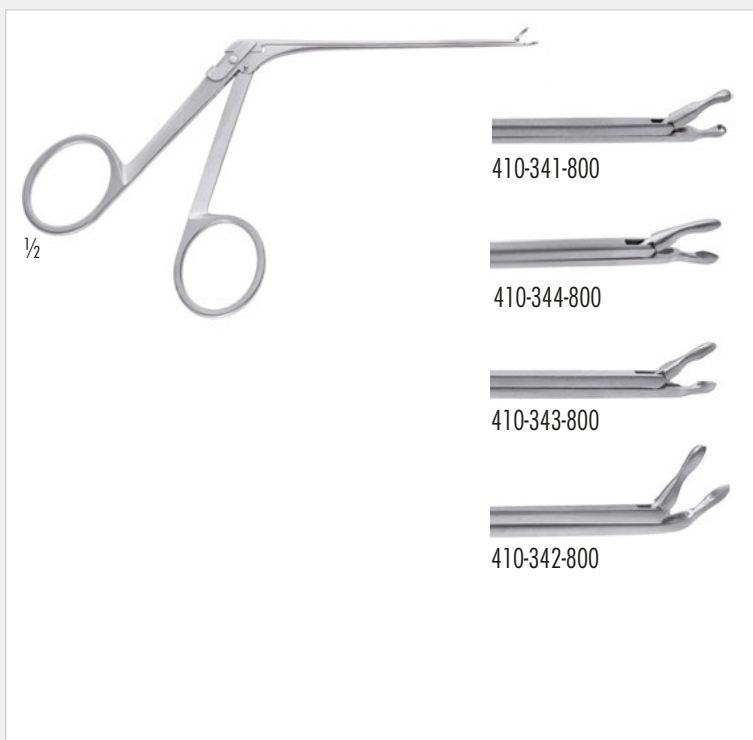
Ohrzängchen ovaler Löffel, 0,9 mm breit
feines Modell, 4,5 mm Maullänge, Arbeitslänge: 80 mm
Ear Forceps with oval cups, 0.9 mm wide
fine model, 4.5 mm jaw length, Working length: 3 1/8 inch



410-342-500 aufwärts/upwards curved

410-347-500 abwärts/down curved

Ohrzängchen ovaler Löffel, 0,9 mm breit,
feines Modell, 4,5mm Maullänge, Arbeitslänge: 80 mm
Ear Forceps with oval cups, 0.9 mm wide,
fine model, 4.5mm jaw length, Working length: 3 1/8 inch



- 410-341-800 gerade/straight
- 410-344-800 rechts gebogen/right curved
- 410-343-800 links gebogen/left curved
- 410-342-800 35° aufgebogen/35° upcurved

Löffelzängchen superfein, 0,6 mm Löffel, 4,5 mm langes Maulteil,
Arbeitslänge: 80mm
Oval Cup Forceps, 0.6 mm wide spoon, 4.5 mm long jaw,
Working length: 3 1/8 inch



- 410-365-080 45° links/45° left
- 410-366-080 45° rechts/45° rechts

HOUGH

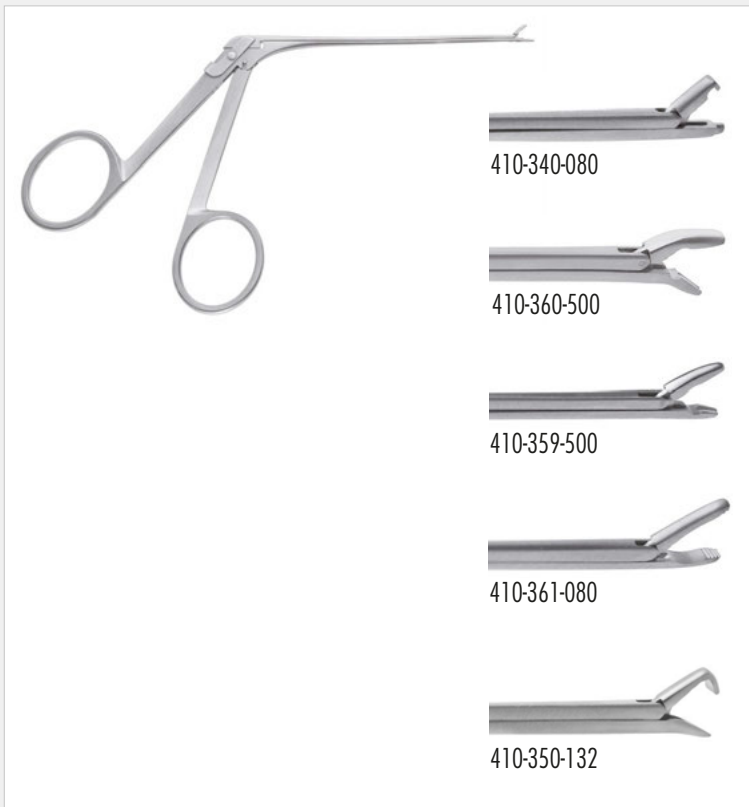
Seitenschneider, gewinkelt, feines Modell, Arbeitslänge: 80 mm
Crura Nipper Forceps, angled, fine model, Working length: 3 1/8 inch



- 410-350-700 gerade/straight
- 410-353-700 rechts gebogen/right curved
- 410-352-700 links gebogen/left curved

HOUSE BELLUCCI

Ohrscherchen, feines Modell, 4,5 mm Schneide, Arbeitslänge: 80 mm
Ear Scissors, fine model, 4.5 mm blade, straight, 3 1/8 inch



410-340-080

VENT

Tube Ohrzängchen, feines Modell, Arbeitslänge: 80 mm
Tube Forceps, fine model, Working length: 3 1/8 inch

410-360-500

MCGEE

Drahtschließzängchen, großes Modell, Arbeitslänge: 80 mm
Malleus Crimper, large model, Working length: 3 1/8 inch

410-359-500

MCGEE

Drahtschließzängchen, superfeines Modell, Arbeitslänge: 80 mm
Malleus Crimper, super-fine model, Working length: 3 1/8 inch

410-361-080

GREVEN

Ohrzängchen, feines Modell, Arbeitslänge: 80 mm
Ear Forceps, fine model, Working length: 3 1/8 inch

410-350-132

KOS

Ohrzängchen, feines Modell, Arbeitslänge: 80 mm
Ear Forceps, fine model, Working length: 3 1/8 inch



410-350-500

gerade/straight

410-352-500

links gebogen/left curved

410-353-500

rechts gebogen/right curved

410-351-500

35° aufgebogen/35° upcurved

HOUSE BELLUCCI

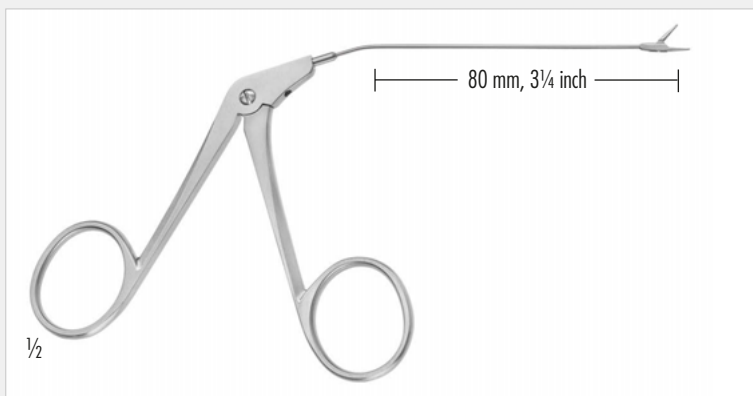
Ohrscherchen, mittleres Modell, 5,0 mm Schneide,
Arbeitslänge: 87 mm

Ear Scissors, middle model, 5.0 mm blade length,
Working length: 3 1/8 inch



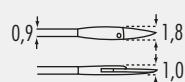
410-223-010

Paukenröhrchen Einführinstrument, 100mm
Tube insertion instrument, 100mm



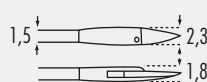
Ohrscherchen, **Rohrschaft**
Aural scissors, **tubular shaft**

Ohrscherchen
Aural scissors



1/1
410-352-010

Ohrscherchen
Aural scissors



1/1
410-351-010

gerade
straight

1/1
410-352-020

1/1
410-351-020

gerade horizontal
straight horizontal

1/1
410-352-030

1/1
410-351-030

aufgebogen
angled up

1/1
410-352-040

1/1
410-351-040

aufgebogen horizontal
angled up horizontal

1/1
410-352-050

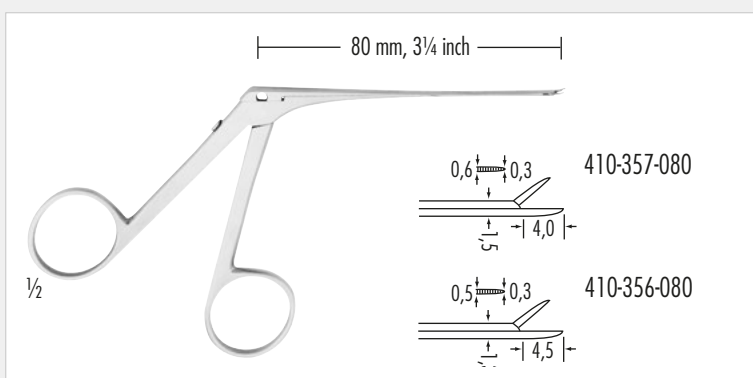
1/1
410-351-050

rechts gebogen
curved right

1/1
410-352-060

1/1
410-351-060

links gebogen
curved left

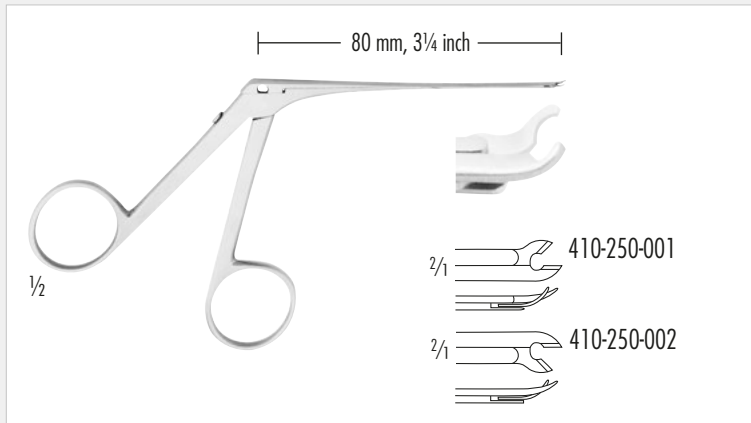


410-357-080 0,6 x 4 mm

410-356-080 0,5 x 4,5 mm, Schafthöhe 1,3 mm
thickness of shaft 1.3 mm

FISCH

Mikro Ohrfasszange, extra zart, gerade, gerieft,
Schafthöhe 1,5 mm, 80 mm Arbeitslänge,
Micro aural forceps, very delicate, straight, serrated,
thickness of shaft 1.5 mm, 3 1/4 inch working length



410-250-001 nach rechts öffnend/opening to right
410-250-002 nach links öffnend/opening to left

FISCH

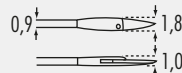
Crurotomie Scherchen, Arbeitslänge 80 mm
Crurotomy scissors, working length 3 1/4 inch



410-302-000

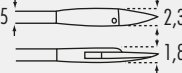
Neurektomie Schere, 160 mm
Neurectomy scissors, 6 1/4 inch

Neurektomiescheren
Neurectomy scissors



1/1
410-303-000

Neurektomiescheren
Neurectomy scissors



1/1
410-302-000

gerade
straight



1/1
410-303-010



1/1
410-302-010

gerade horizontal
straight horizontal



1/1
410-303-020

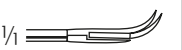


1/1
410-302-020

aufgebogen
angled up



1/1
410-303-030

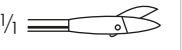


1/1
410-302-030

aufgebogen horizontal
angled up horizontal

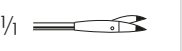


1/1
410-303-040



1/1
410-302-040

rechts gebogen
curved right

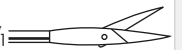


1/1
410-303-050



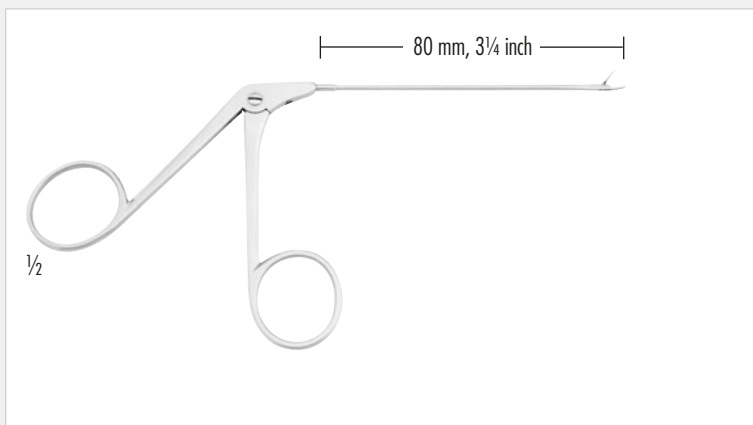
1/1
410-302-050

links gebogen
curved left



1/1
410-302-060

gerade 8,0 mm
straight 8.0 mm



Ohrzängchen, **Rohrschaft**, Rohr 0,9 mm, Maul 1,8 mm
Aural forceps, **tubular shaft**, tube 0.9 mm, jaws 1.8 mm

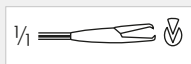
1 x 2 Zahn
1 x 2 teeth

gerieftes Maul
serrated jaws

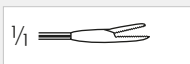
Alligator Maul
alligator jaws

Ohrzangen
Aural forceps

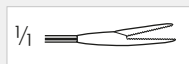
gerade
straight



410-343-100



410-341-100



410-340-100

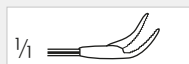
aufgebogen
angled up



410-343-200

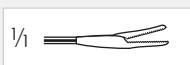


410-341-200



410-340-200

rechts gebogen
curved right

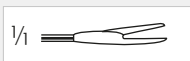


410-341-300

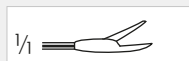


410-340-300

links gebogen
curved left



410-341-400



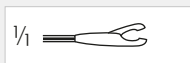
410-340-400

◦ 1 mm Ø

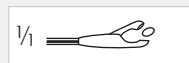
oval
oval

Löffelzangen
Cup-shaped forceps

gerade
straight

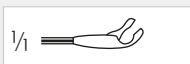


410-340-110

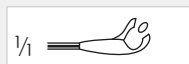


410-340-210

aufgebogen
angled up

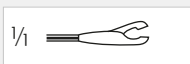


410-340-120

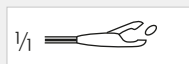


410-340-220

rechts gebogen
curved right

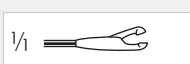


410-340-130

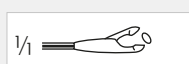


410-340-230

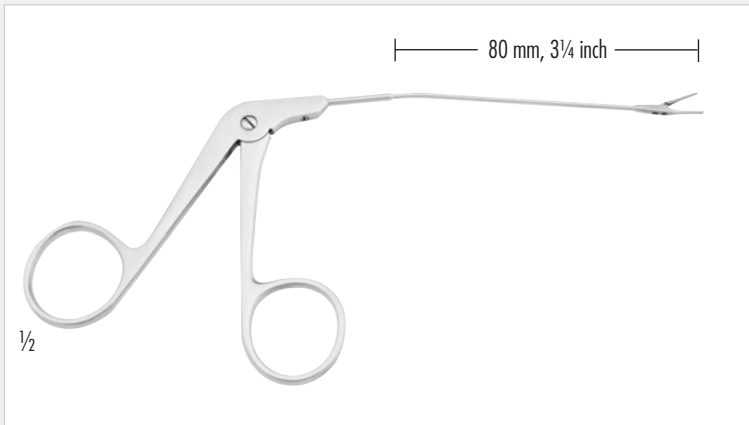
links gebogen
curved left



410-340-140



410-340-240



Ohrzängchen, **Rohrschaft**, Schaft 1,5 mm, Maul 2,3 mm
Aural forceps, **tubular shaft**, shaft 1.5 mm, jaws 2.3 mm

1 x 2 Zahn
1 x 2 teeth



410-342-100

gerieftes Maul
serrated jaws



410-342-110

Alligator Maul
alligator jaws

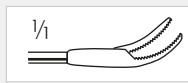


410-342-210

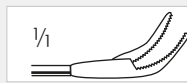
1,5 2,3 1,8
Ohrzangen
Aural forceps
gerade
straight



410-342-200



410-342-120



410-342-220

aufgebogen
angled up



410-342-130

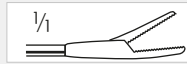


410-342-230

rechts gebogen
curved right



410-342-140



410-342-240

links gebogen
curved left

◦ 1 mm Ø

◦ 1,5 mm Ø

◦ 2 mm Ø

○ 2,5 mm Ø

oval = 1,5 x 0,8 mm
ovale = 1.5 x 0.8 mm

Löffelzangen
Cup-shaped forceps



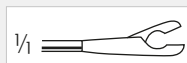
410-343-110



410-343-210



410-343-310



410-343-410



410-343-510

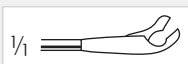
gerade
straight



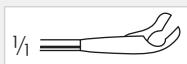
410-343-120



410-343-220



410-343-320



410-343-420

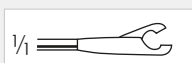


410-343-520

aufgebogen
angled up



410-343-130



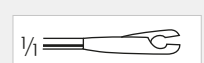
410-343-230



410-343-330

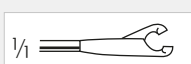


410-343-430

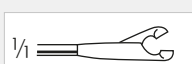


410-343-530

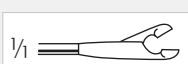
rechts gebogen
curved right



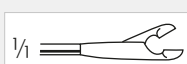
410-343-140



410-343-240



410-343-340



410-343-440



410-343-540

links gebogen
curved left

Schieberschaft Instrumente/Sliding shaft Instruments

410-354-000 4.0 mm x 1.5 mm

CAWTHORNE

Mikro-Ohrscherchen, gerade, spitz/spitz
Micro scissors, straight, sharp/sharp

410-423-000 4.0 mm x 1.7 mm

ORMEROD

Mikro-Löffelzängchen, gerade, Löffel rund
Micro cupped forceps, straight, round cup

410-424-000 5 mm x 1 mm

ORMEROD

Mikro-Löffelzängchen, gerade, Löffel oval
Micro cupped forceps, straight, oval cup

410-349-000 4.0 mm x 0.8 mm

SHEA

Mikro-Löffelzängchen, gerade, Löffel oval
Micro cupped forceps, straight, oval cup

410-329-000 1 mm x 5.0 mm

HOUGH

Mikro-Ohrzängchen, gerade, gerieftes Maul
Micro Alligator forceps, straight, serrated jaws

410-334-000 1.25 mm x 7.0 mm

CAWTHORNE

Mikro-Ohrzängchen, gerade, glattes Maul
Micro Alligator forceps, straight, smooth jaws

410-300-000

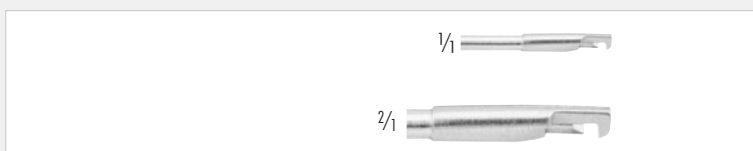
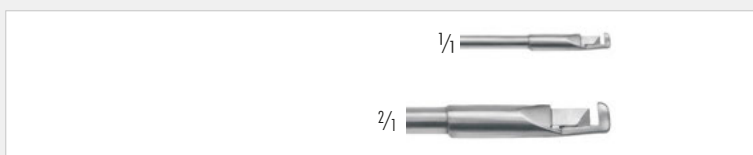
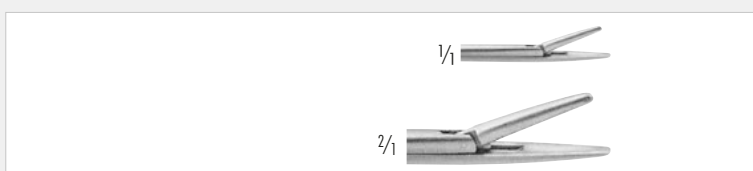
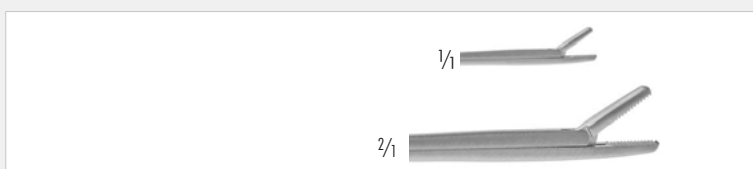
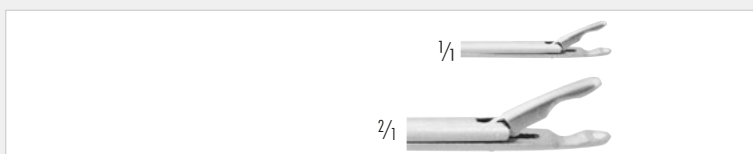
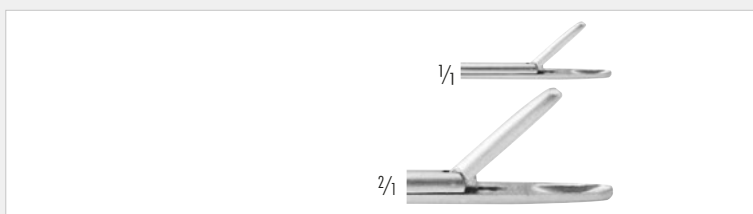
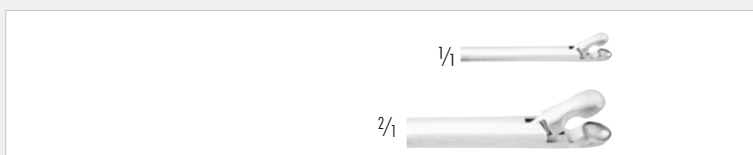
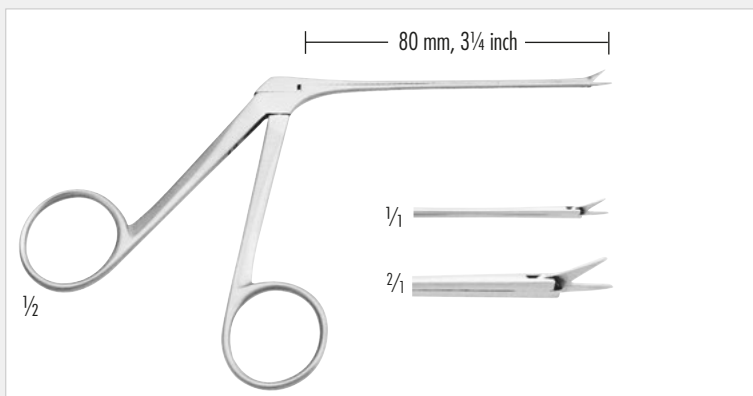
HOUSE-DIETER

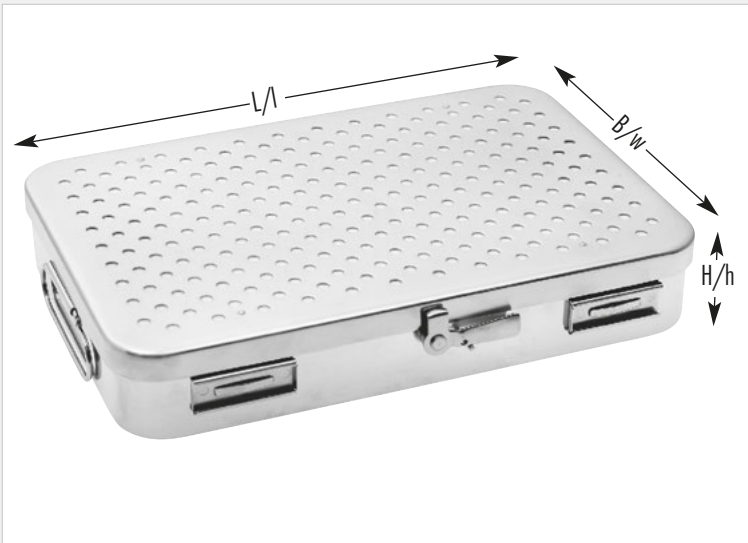
Mikro-Stanze, nach oben schneidend
Malleus nipper, upwards cutting

410-301-000

HOUSE-DIETER

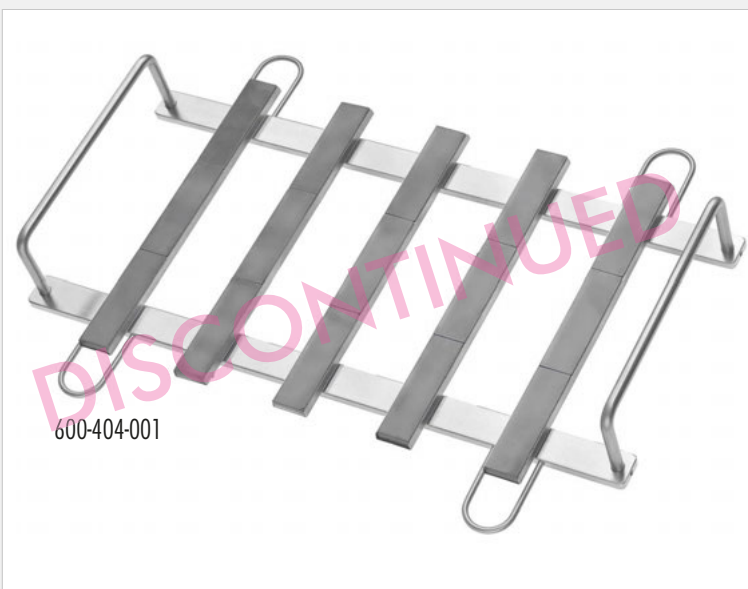
Mikro-Stanze, nach unten schneidend
Malleus nipper, downwards cutting





600-405-420	420mm x 175mm x 75mm
600-405-300	300mm x 200mm x 75mm
600-400-300	300mm x 200mm x 50mm
600-400-270	270mm x 235mm x 50mm
600-400-230	230mm x 130mm x 50mm

Metalletui, gelocht, mit abnehmbarem Deckel,
mit Textilfilter, Länge x Breite x Höhe
Metall case, detachable lid, with textile filter,
length x width x height



600-404-001 280mm x 190mm
Magnetrahmen, mit 2 Griffen und 5 Magnetleisten,
in Metalletui 600-400-300 + 600-405-300 passend
Magnet frame, 2 handles and 5 magnetic bars

600-404-003 220mm x 150mm
dito, mit 4 Magnetleisten, ohne Griffen und seitlichen Bügeln
same, 4 magnetic bars, without handles and lateral u-bolts

600-406-003 480mm x 240mm
dito, ohne Griffen, mit 3 Magnetleisten
same, without handles and 3 magnetic bars



	Innenmaße/inner dimension
600-402-140	200 x 140 x 45mm
600-402-195	280 x 195 x 45mm
600-402-255	265 x 255 x 45mm
600-402-260	380 x 260 x 45mm

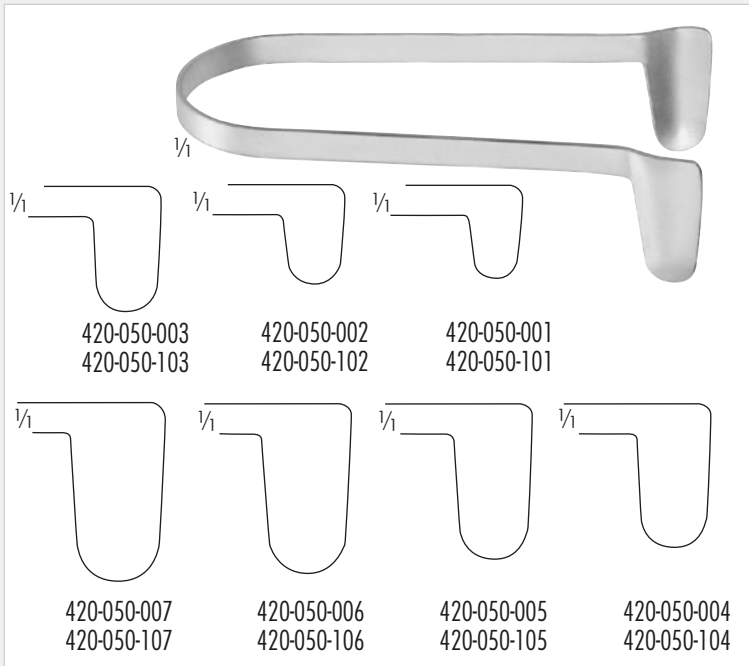
Mikro Container mit Deckel- und Bodenlochung, mit Textil-Langzeitfilter
für Dampfsterilisation, TÜV-geprüft, Einfach Lagerung
Micro container with lid and bottom perforation, with textile
«Longterm» filter, steam sterilization, TÜV-approved,
single bearing system



RHINOLOGY

RHINOLOGY

Instruments and
Equipment for
Rhinology



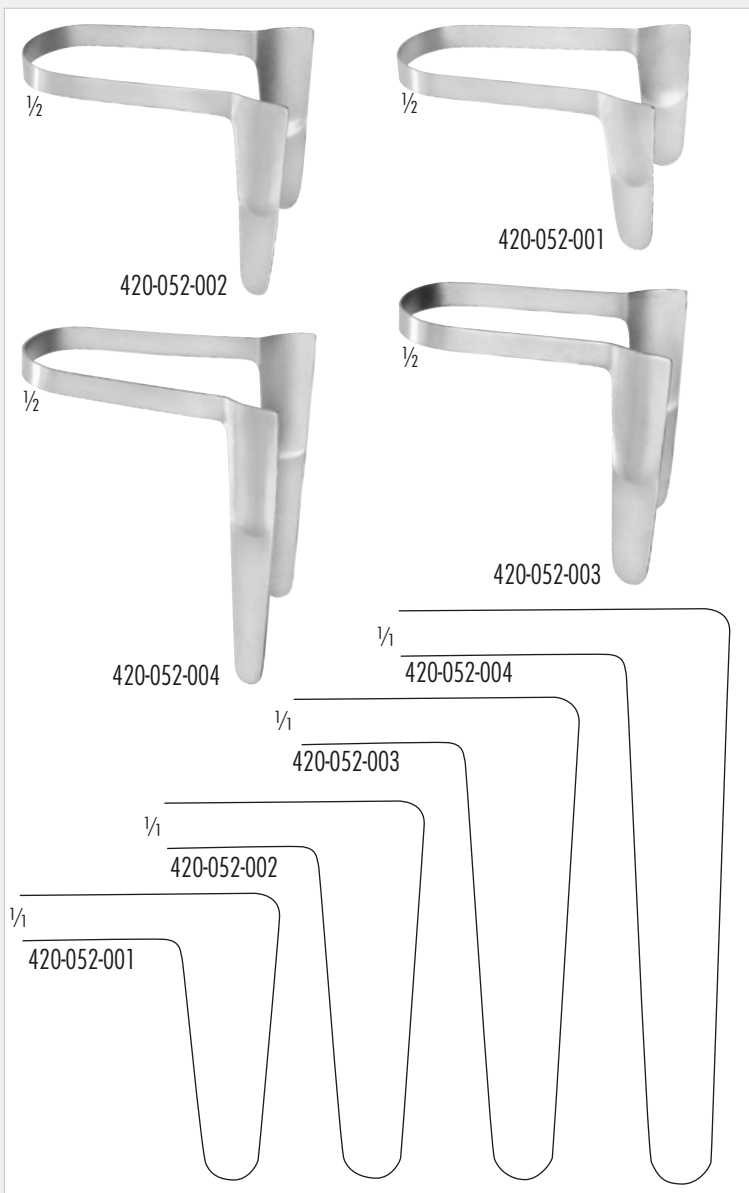
- 420-050-001 8,5 x 6,0 mm
- 420-050-002 9,0 x 7,0 mm
- 420-050-003 12,5 x 8,0 mm
- 420-050-004 15,0 x 8,5 mm
- 420-050-005 16,5 x 9,0 mm
- 420-050-006 18,0 x 10,0 mm
- 420-050-007 19,5 x 10,5 mm

THUDICHUM (MARK HOVELL)

Nasenspekulum, 70 mm
Nasal specula

- 420-050-101 8,5 x 6,0 mm
- 420-050-102 9,0 x 7,0 mm
- 420-050-103 12,5 x 8,0 mm
- 420-050-104 15,0 x 8,5 mm
- 420-050-105 16,5 x 9,0 mm
- 420-050-106 18,0 x 10,0 mm
- 420-050-107 19,5 x 10,5 mm

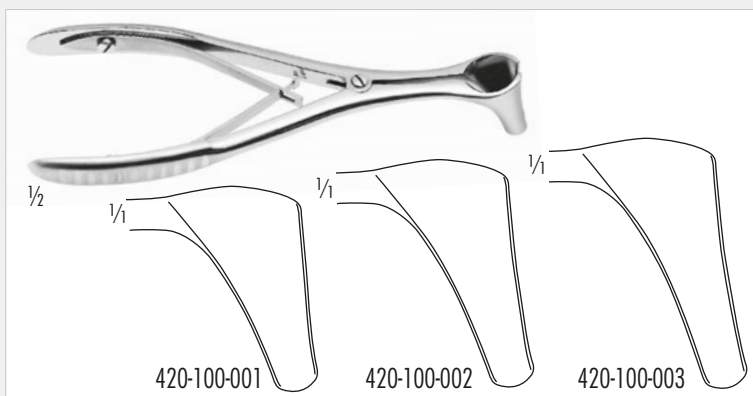
Nasenspekulum, **isoliert**, 70 mm
Nasal specula, **insulated**



- 420-052-001 38 mm
- 420-052-002 50 mm
- 420-052-003 65 mm
- 420-052-004 75 mm

ST CLAIR THOMPSON

Nasenspekulum, 73 mm
Nasal specula, 2 1/2 inch



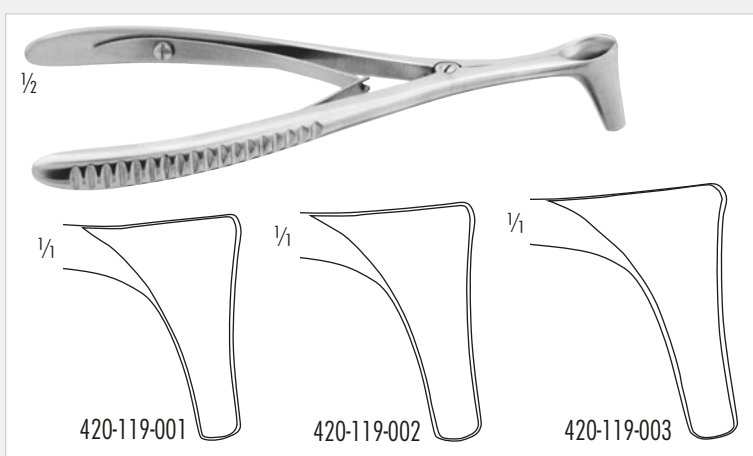
420-100-001 Fig.1 27 x 7 mm

420-100-002 Fig.2 30 x 7 mm

420-100-003 Fig.3 33 x 7 mm

Wiener Modell Nasenspekulum, 130 mm

Vienna pattern nasal specula, 5 inch



420-119-001 29 x 7 mm

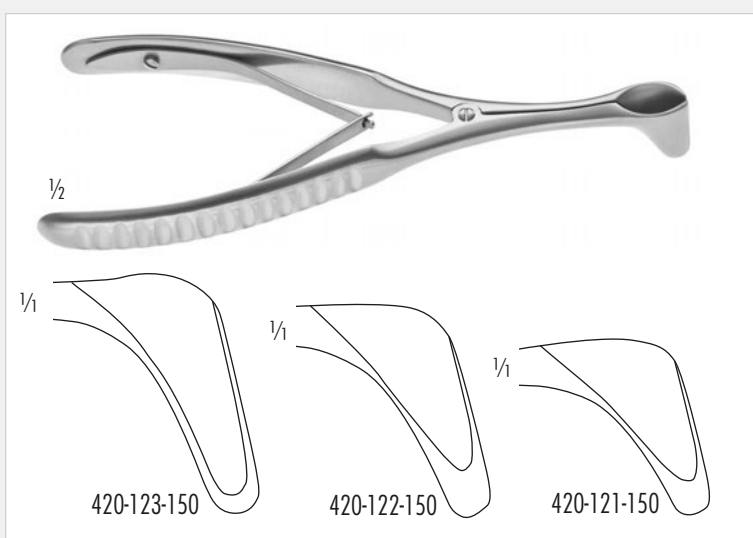
420-119-002 33 x 7 mm

420-119-003 35 x 7 mm

HARTMANN

Nasenspekulum, 160 mm

Nasal specula, 6 1/4 inch



420-121-150 27 mm

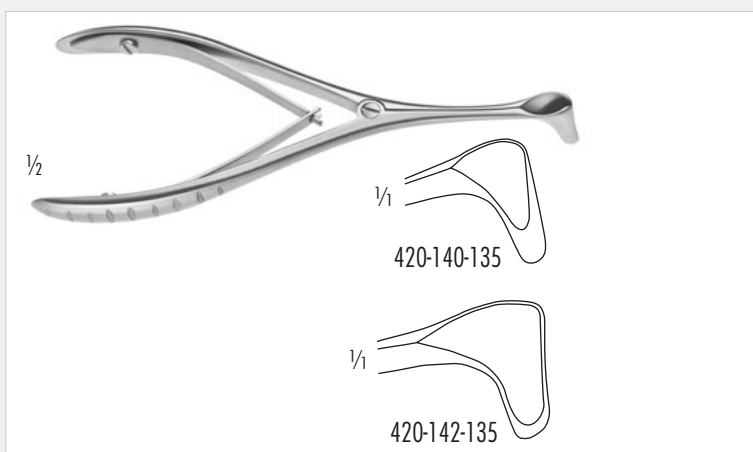
420-122-150 31 mm

420-123-150 35 mm

HARTMANN-HALLE

Nasenspekulum, 155 mm

Nasal specula, 6 inch



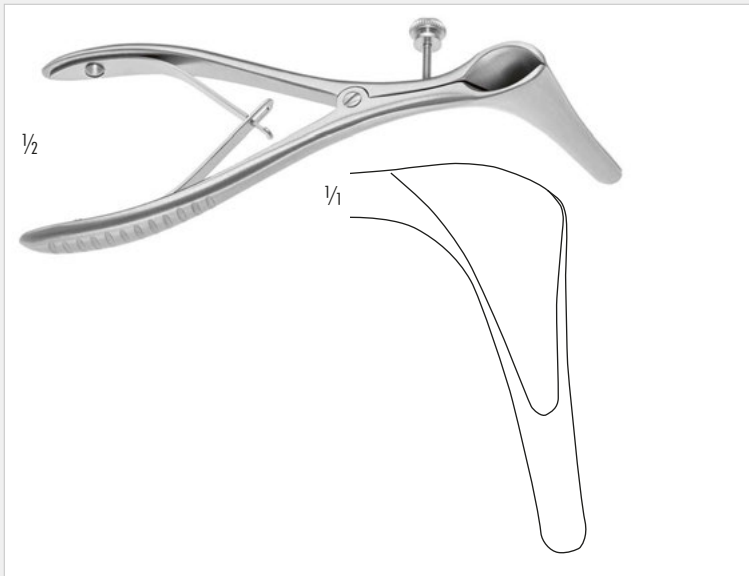
420-140-135 klein/small

420-142-135 groß/large

TIECK-HALLE

Nasenspekulum, Kindermodelle, 135 mm

Nasal specula, pediatric pattern, 5 1/4 inch

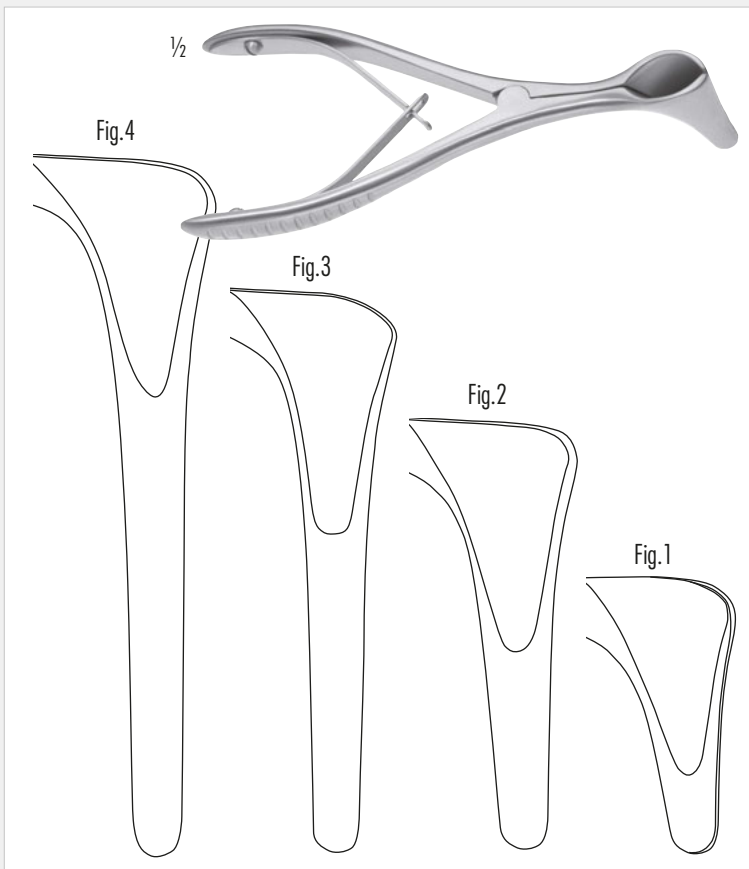


420-134-050 50 x 6 mm

COTTLE

Septumspeculum, leicht spitz zulaufend

Septum specula, slightly tapered blades



420-145-036 Fig.1 36 x 7 mm

420-145-056 Fig.2 56 x 7 mm

420-145-075 Fig.3 75 x 7 mm

420-145-090 Fig.4 90 x 7 mm

KILLIAN

Nasenspekulum, 145 mm

Septum specula, 5 3/4 inch



420-743-055 55 mm

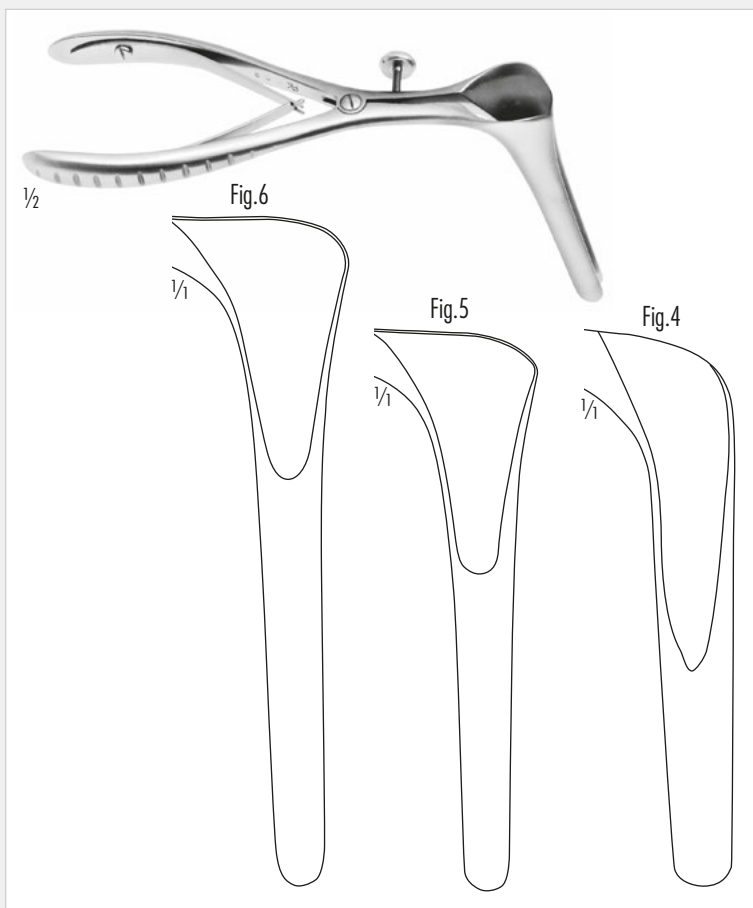
420-743-075 75 mm

420-743-090 90 mm

KILLIAN

Nasenspekulum, mit abnehmbarem Kaltlichtträger, 140 mm

Nasal specula, with detachable cold light carrier, 5 1/2 inch

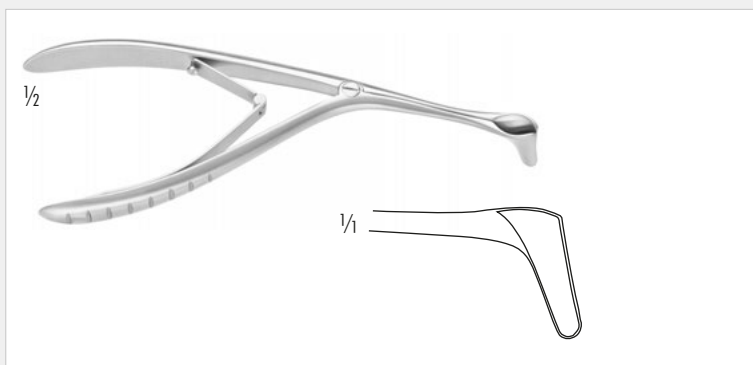
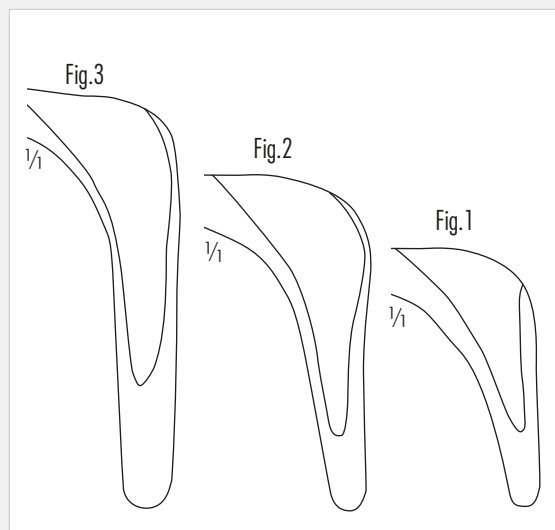


420-136-020	Fig.1	30 mm
420-136-035	Fig.2	38 mm
420-136-055	Fig.3	55 mm
420-136-070	Fig.4	70 mm
420-136-080	Fig.5	80 mm
420-136-090	Fig.6	90 mm

COTTLE

Nasenspekula mit Stellschraube, 135 mm

Nasal specula with set-screw, 5 1/4 inch

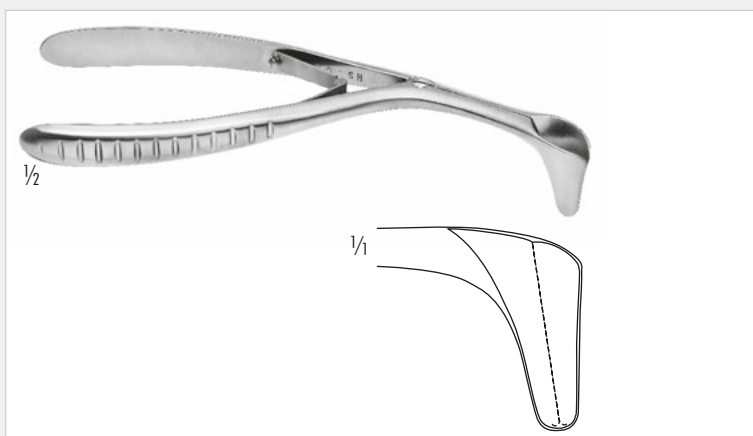


420-147-140

BECKMANN

Nasenspekula, Kindermodell, seitwärts gebogen, 150 mm

Nasal specula, pediatric pattern, curved sideways, 6 inch



420-148-150

BECKMANN

Nasenspekula, seitwärts gebogen, 150 mm

Nasal specula, curved sideways, 6 inch



- 420-140-035 35mm Blattlänge/blade length
- 420-140-050 50mm Blattlänge/blade length
- 420-140-075 75mm Blattlänge/blade length
- 420-140-090 90mm Blattlänge/blade length
- 420-140-100 100mm Blattlänge/blade length

COTTLE MASING

Nasenspekula für flexiblen Spannarm, mit Stellschraube
Nasal Specula for flexible arm



- 420-150-101 links/left 55mm, rechts/right 35mm
- 420-150-102 links/left 35mm, rechts/right 55mm
- 420-150-105 links/left 75mm, rechts/right 35mm
- 420-150-106 links/left 35mm, rechts/right 75mm
- 420-150-107 links/left 75mm, rechts/right 52mm
- 420-150-108 links/left 52mm, rechts/right 75mm

Sinus Spekula zur Verwendung mit flexiblen Spannarm,
mit Stellschraube

Sinus Specula for use with flexible arm, with set screw



- 420-150-301 links/left 25mm, rechts/right 18mm
- 420-150-302 links/left 18mm, rechts/right 25mm

Kinder Sinus Spekula zur Verwendung mit flexiblen Spannarm,
mit Zähnen, mit Stellschraube

Children Sinus Specula for use with flexible arm, with teeth,
with set screw



- 420-150-001 links/left 55mm, rechts/right 35mm
- 420-150-002 links/left 35mm, rechts/right 55mm
- 420-150-003 links/left 65mm, rechts/right 45mm
- 420-150-004 links/left 45mm, rechts/right 65mm
- 420-150-005 links/left 75mm, rechts/right 35mm
- 420-150-006 links/left 35mm, rechts/right 75mm
- 420-150-007 links/left 75mm, rechts/right 52mm
- 420-150-008 links/left 52mm, rechts/right 75mm

Sinus Spekula zur Verwendung mit flexiblen Spannarm,
mit Zähnen, mit Stellschraube

Sinus Specula for use with flexible arm, with teeth,
with set screw



- 420-150-201 links/left 55mm, rechts/right 45mm
- 420-150-202 links/left 45mm, rechts/right 55mm
- 420-150-203 links/left 65mm, rechts/right 45mm
- 420-150-204 links/left 45mm, rechts/right 65mm
- 420-150-205 links/left 75mm, rechts/right 45mm
- 420-150-206 links/left 45mm, rechts/right 75mm

KILLIAN STRYKEN

Sinus Spekula zur Verwendung mit flexiblen Spannarm,
mit Zähnen, mit Stellschraube

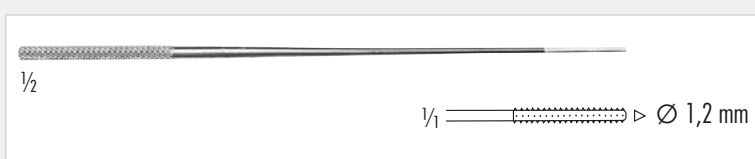
Sinus Specula for use with flexible arm, with teeth,
with set screw



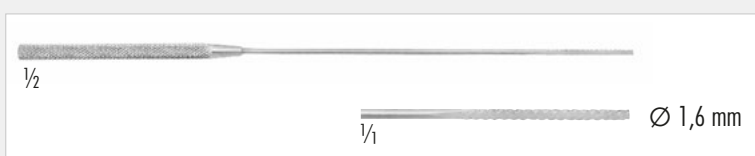
420-150-160
Nasensonde, kniegebogen, 160 mm
Nasal probe, knee angled, 6 ¼ inch



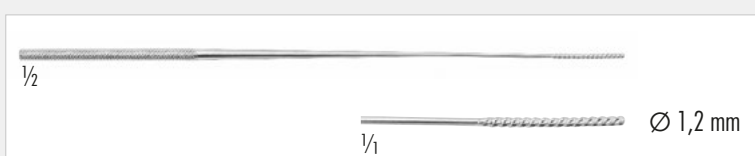
420-150-165
KILLIAN
Nasensonde, leicht gebogen, 165 mm
Nasal probe, slightly curved, 6 ½ inch



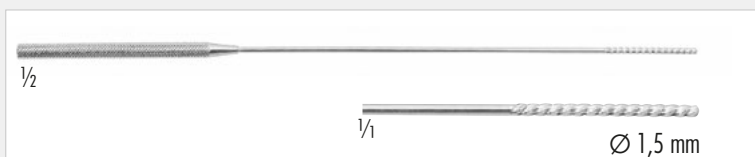
160-426-165 Ø 1,2 mm
LATHBURY-FARRELL
Nasensonde, dreikantig gerieft, 160 mm
Nasal applicator, triangular serrated end, 6 ¼ inch



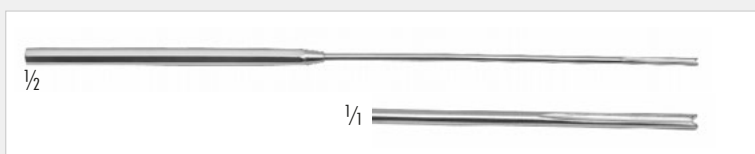
160-426-160 Ø 1,6 mm
Nasensonde, dreikantig gerieft, 160 mm
Nasal applicator, triangular serrated end, 6 ¼ inch



160-420-165 Ø 1,2 mm
FARREL
Nasensonde, spiralförmig gerieft, 160 mm
Nasal applicator, rough spiral end, 6 ¼ inch



160-412-180 Ø 1,5 mm
160-411-180 Ø 1,8 mm
Nasensonde, spiralförmig gerieft, 180 mm
Nasal applicator, rough spiral end, 7 inch



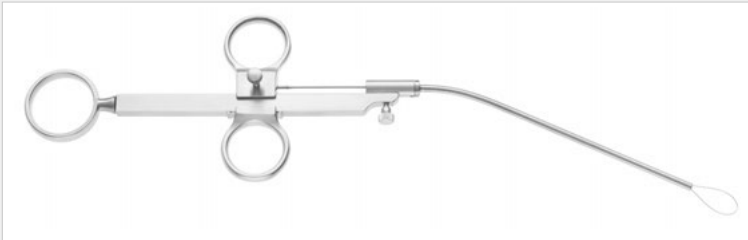
420-150-180
SIEBENMANN
Nasensonde, 180 mm
Nasal plugger, 7 inch



420-413-230

LANGE

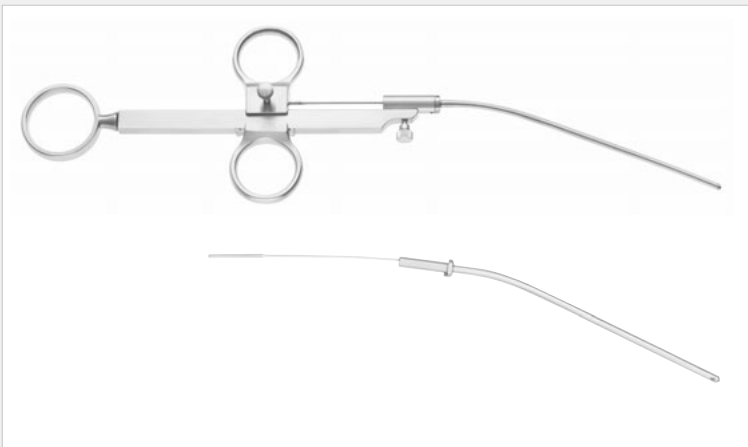
Choanenhaken, 230 mm
Choana hook, 9 1/2 inch



420-201-260

KRAUSE

Nasenpolypenschnürer, kniegebogen, 250 mm
Nasal polypus snare, knee bent, 10 inch



420-202-260

KRAUSE-VOSS

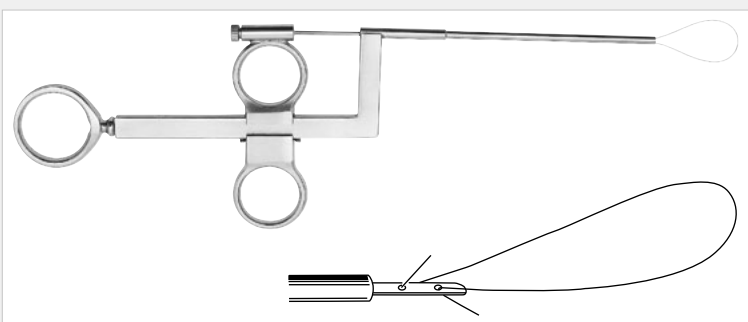
Nasenpolypenschnürer, kniegebogen, kompl. mit Rohraufsatz vertikal, Rohraufsatz horizontal, 250 mm
Nasal polypus snare, knee bent, complete with tube vertical, tube horizontal, 10 inch

420-202-261

Rohraufsatz mit Innenführung, vertikal
Tube with inner guide wire, vertical

420-202-262

Rohraufsatz mit Innenführung, horizontal
Tube with inner guide wire, horizontal



410-270-250

WILDE

Nasenpolypenschnürer, bajonettförmig gebogen, 250 mm
Nasal polypus snare, bayonet shaped, 10 inch



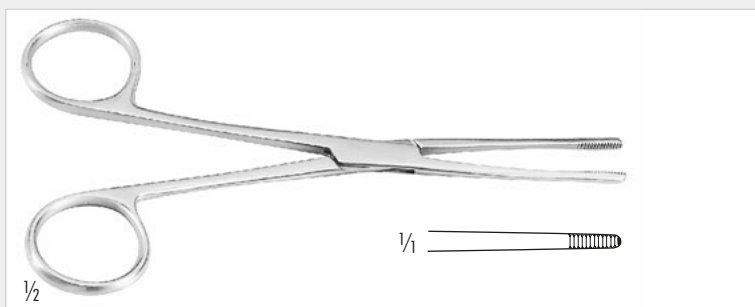
420-210-003 Ø 0,3 mm

Schlingen für Nasenpolypenschnürer,
Bestelleinheit: PH=Packung á 100 Stück
Wire loops for nasal snares,
sales unit: PH=Package of 100 pieces



420-210-013 Ø 0,3 mm

Schnürerdraht in Rollen á 10 m
Snare wire in coils of 10 metres



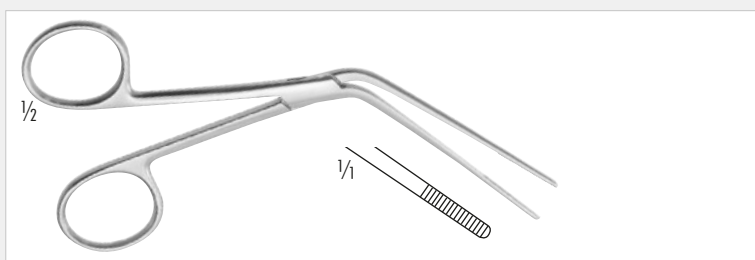
150-080-160 155 mm/6 inch

150-080-180 180 mm/7 inch

LISTER

Tamponzange

Sinus forceps

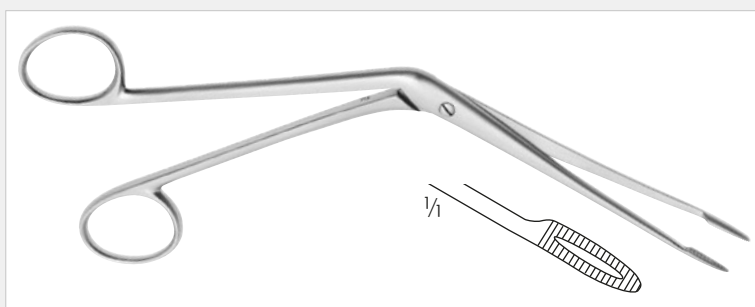


410-232-140

TILLEY

Nasentamponzange, 130 mm

Nasal dressing forceps, 5 1/8 inch

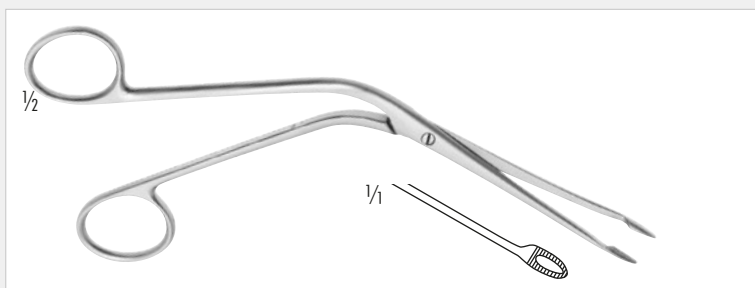


420-211-200

HARTMANN

Nasentamponzange, 215 mm

Nasal dressing forceps, 8 1/4 inch

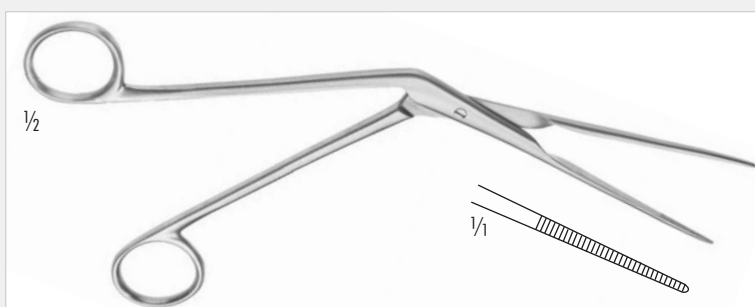


420-211-160

HARTMANN

Nasentamponzange, 175 mm

Nasal dressing forceps, 7 inch

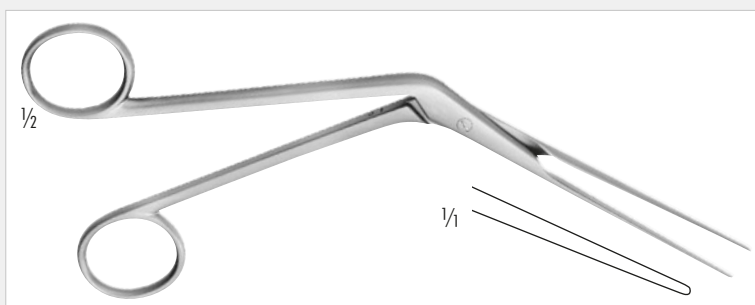


420-411-200

WEST

Nasentamponzange, 200 mm

Nasal dressing forceps, 8 inch



420-210-200

LUBET-BARBON

Nasentamponzange, 200 mm

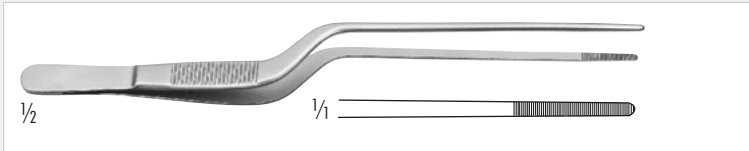
Nasal dressing forceps, 8 inch



410-389-190

GRUENWALD

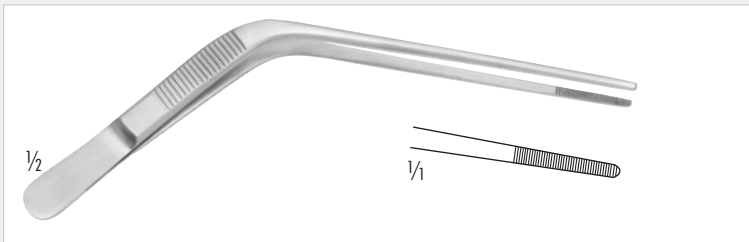
Nasenpinzetten, anatomisch, bajonettförmig, 200 mm
Nasal dressing forceps, bayonet shaped, 8 inch



410-395-160

JANSEN

Nasenpinzetten, anatomisch, bajonettförmig, 160 mm
Nasal dressing forceps, bayonet shaped, 6 1/4 inch



420-375-165

TROELTSCH (WILDE)

Nasenpinzetten, anatomisch, kniegebogen, 170 mm
Nasal dressing forceps, knee bent, 6 3/4 inch



410-228-000

Universal Pulverbläser, mit beweglicher Nasenolive,
Schraubflasche 30 ccm und Halbgebläse
Universal Powder Blower, with adjustable nozzle,
threaded flask 30 ccm and Rubber Bulb

410-228-050

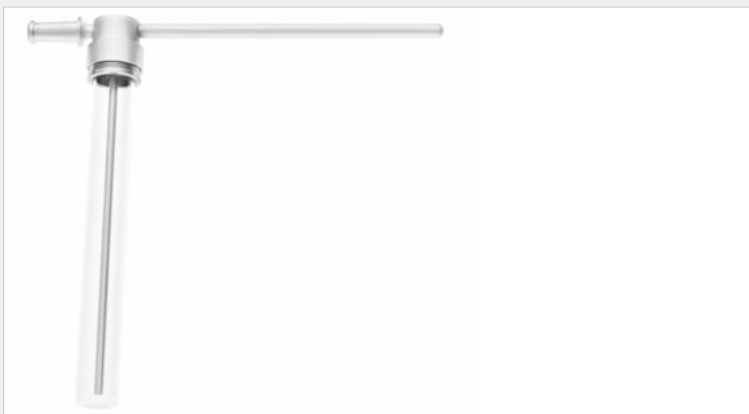
dito, ohne Gebläse
same, without Rubber Bulb

410-228-100

Halbgebläse allein
Rubber Bulb only

410-228-010

aufsteckbare Nasenolive, allein
Nose guard, only



410-229-000

GRUENWALD

Zerstäuber mit gerader Kanüle, 130 mm
Atomizer with straight cannula, 5 1/8 inch

410-229-050

GRUENWALD

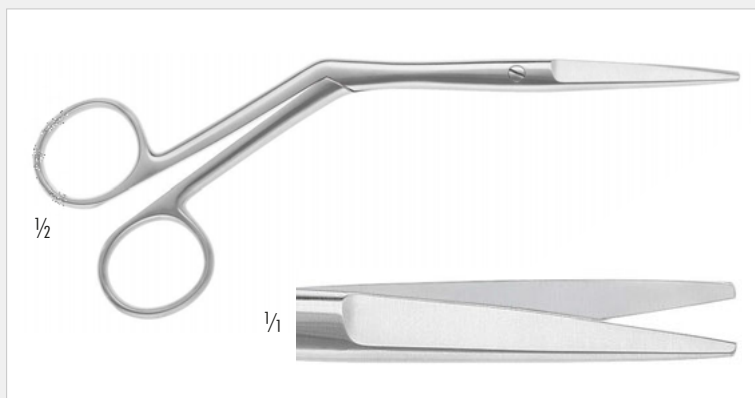
Ersatzflacon mit Gewinding
Threaded Spare Bottle only



420-001-000

GLATZEL

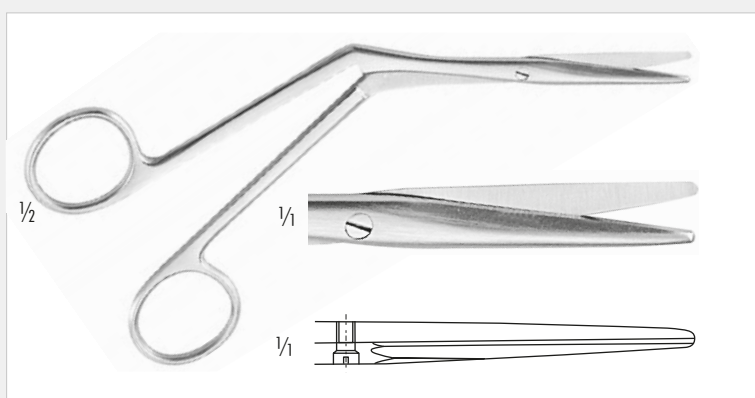
Nasenspiegel, 200 x 130 mm
Nasal mirror, 8 inch x 5 inch



- 120-284-180 gerade/straight
gezahntes oberes Blatt/
serrated upper blade
- 120-287-180 rechts gebogen/right curved
gezahnt/serrated
- 120-285-180 links gebogen/left curved
gezahnt/serrated
- 120-585-180 TC, unteres Blatt gezahnt, gerade
TC, lower blade serrated, straight

HEYMANN

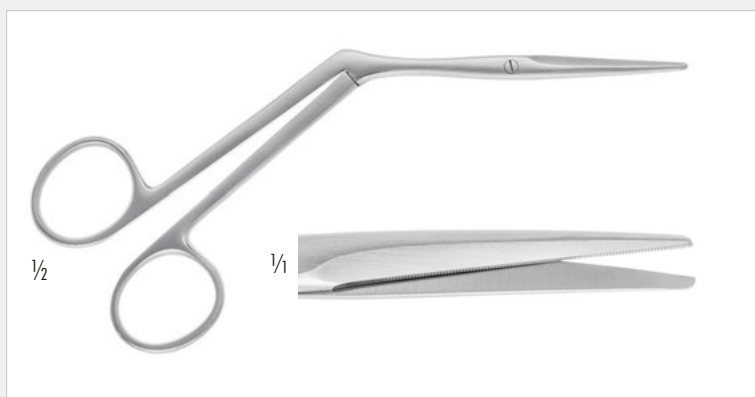
Nasenschere, 190 mm,
Nasal scissors, 7 1/2 inch



120-283-180

HEYMANN-KNIGHT

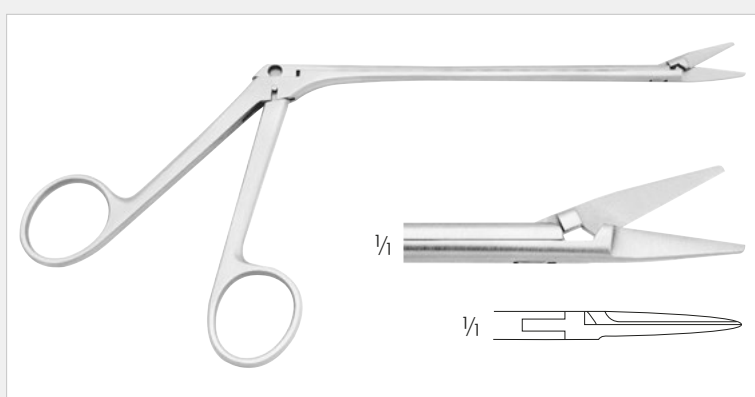
Nasenschere, 180 mm
Nasal scissors, 7 inch



120-285-175

KIRSTEIN

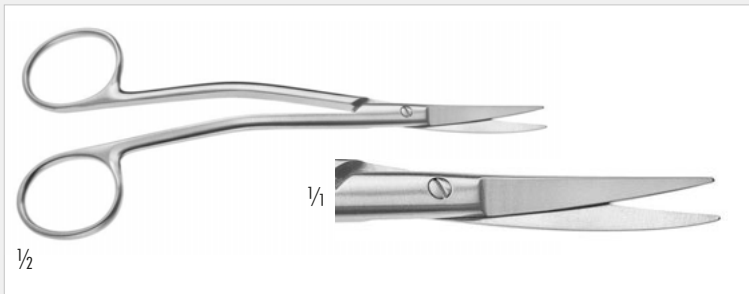
Nasenschere, gezahnt, 180 mm
Nasal scissors, serrated, 7 inch



120-208-230

OLIVECRONA

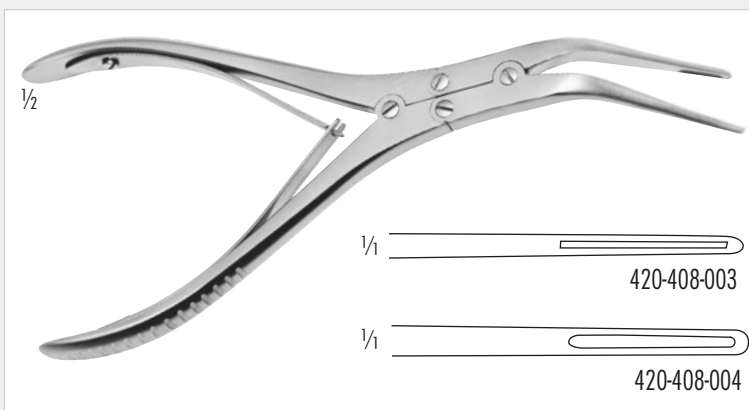
Nasenschere, 230 mm
Nasal scissors, 9 inch



120-306-140

JOSEPH

Nasenschere, doppelt gebogen, stumpf, 140 mm
Nasal scissors, double curved, blunt, 5 1/2 inch

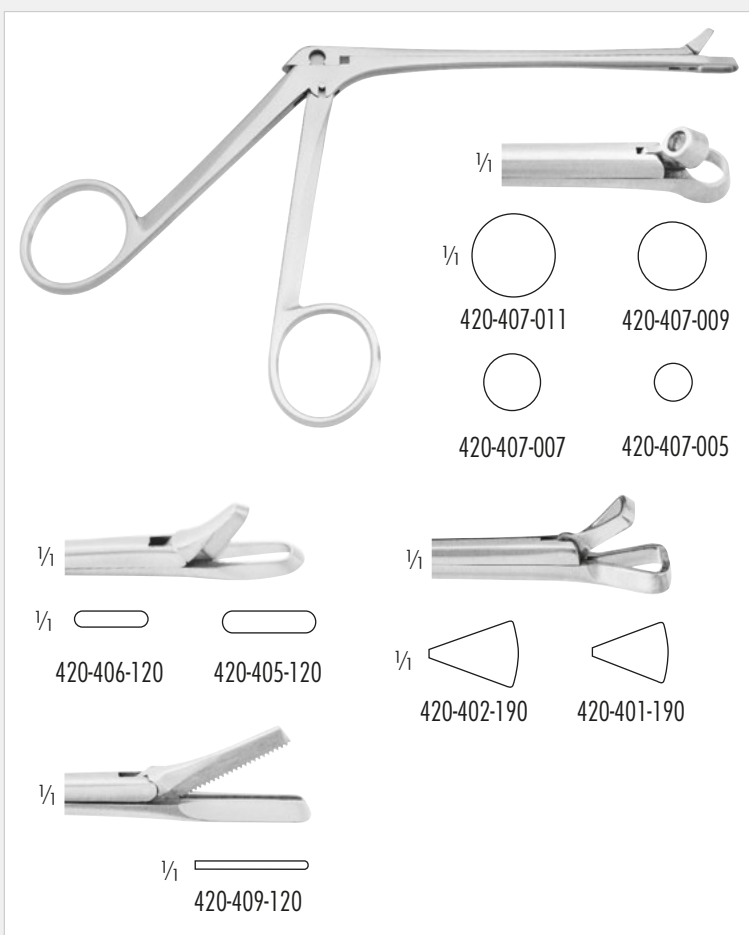


420-408-003 3 mm

420-408-004 4 mm

KRESSNER

Muschelquetschzangen, 220 mm
Crushing forceps, 8 3/4 inch



420-407-005 5mm

420-407-007 7mm

420-407-009 9mm

420-407-011 11mm

HARTMANN

Conchotom, durchschneidend, 120 mm
Nasal cutting forceps, through cutting, 4 1/2 inch

420-405-120 3,5 x 11mm

420-406-120 2,0 x 9,5mm

GRUENWALD-HENKE

Conchotom, durchschneidend
Nasal cutting forceps, through cutting

420-401-190 Fig. 1

420-402-190 Fig. 2

SCHMEDEN

Conchotom, durchschneidend
Nasal cutting forceps, through cutting

420-409-120

STRUYCKEN

Conchotom, durchschneidend
Nasal cutting forceps, through cutting



420-401-001 7 mm, Fig.1

420-401-002 8 mm, Fig.2

MELZER

Adenoidzange, durchschneidend, rund, mit Gitter, 140 mm

Adenoid Forceps, through cutting, round, with basket, 140 mm



420-421-001 3 mm Schnitt/3 mm bite Fig.1

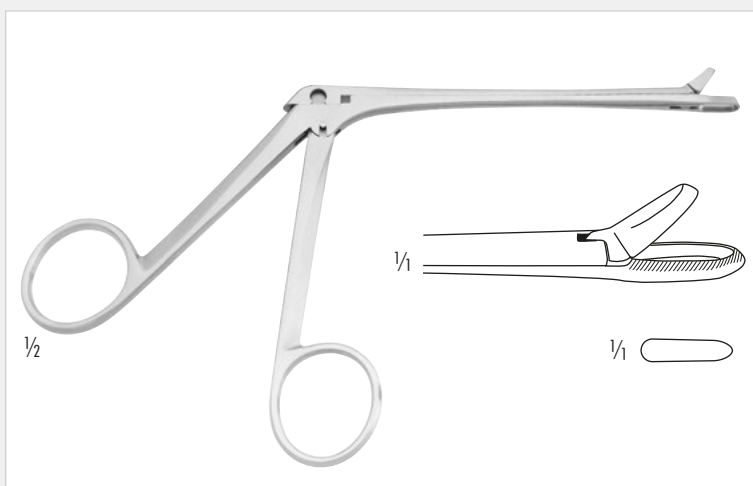
420-421-002 3,5 mm Schnitt/3.5 mm bite Fig.2

420-421-003 4 mm Schnitt/4 mm bite Fig.3

GRUENWALD

Nasenzange, durchschneidend, ovaler Schnitt, Arbeitslänge: 115 mm

Nasal Forceps, through cutting, oval bite, Working length: 4 1/2 inch

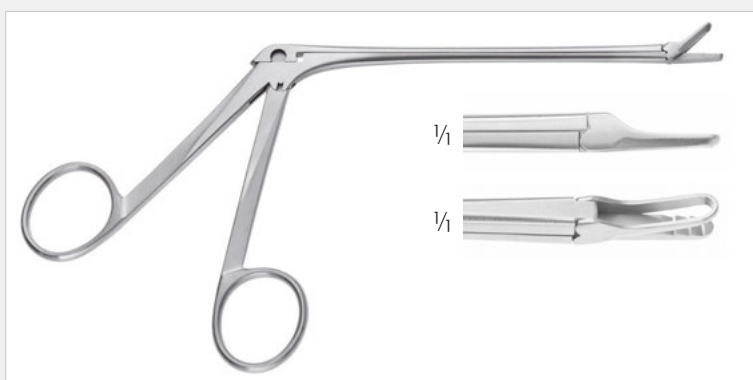


420-410-120

MYLES

Conchotom, durchschneidend, 120 mm

Nasal cutting forceps, through cutting, 4 3/4 inch

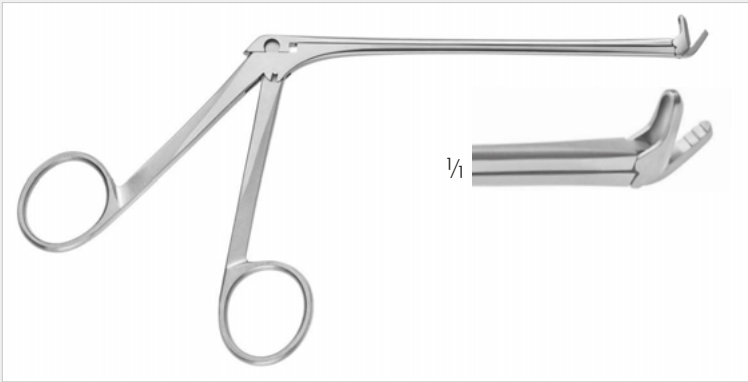


420-410-140

MYLES

Conchotom, durchschneidend, 2,5 x 11,5 mm flaches, gezahntes Maul, Arbeitslänge: 140 mm

Nasal Punch, through cutting, 2.5 x 11.5 mm flat, serrated jaw, Working length: 5 1/2 inch

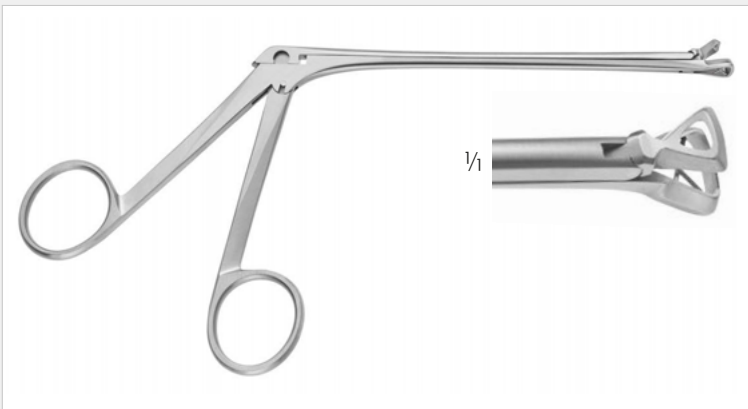


420-413-140

MYLES

Conchotom, durchschneidend, gezahnt, 30° aufgebogen,
Arbeitslänge: 140 mm

Nasal Punch, through cutting, serrated, 30° upcurved shaft,
Working length: 5 1/2 inch



420-401-100 6 mm, Fig.0

420-401-101 7 mm, Fig.1

420-401-102 8 mm, Fig.2

420-401-103 10 mm, Fig.3

MELZER

Adenoidzange, durchschneidend, dreieckig, mit Gitter,
Arbeitslänge: 140 mm

Adenoid Forceps, through cutting, triangular, with basket,
Working length: 5 1/2 inch



420-401-201 5,2 x 3,2mm Fig.1

MELZER

Adenoidzange, durchschneidend, oval, Arbeitslänge: 140 mm

Adenoid Forceps, through cutting, oval, Working length: 5 1/2 inch



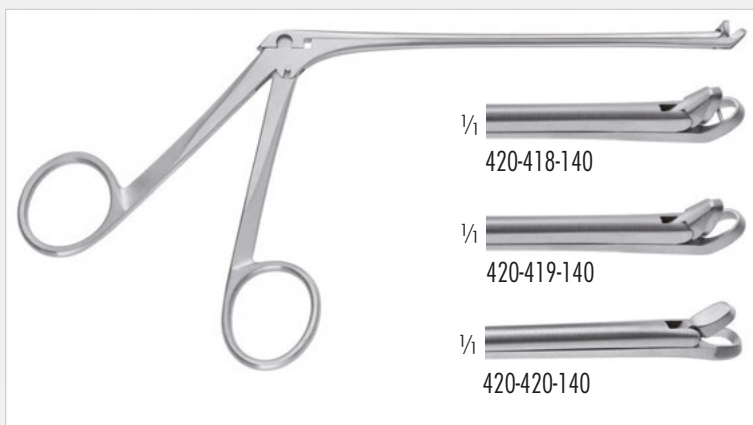
420-414-120 gerade/straight

420-415-120 links gebogen/left curved

420-416-120 rechts gebogen/right curved

Nasenschere, 120 mm

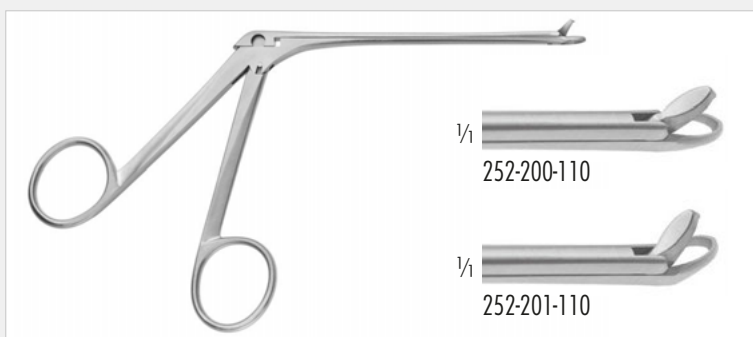
Nasal scissors, 4 3/4 inch



- 420-418-140 Mit Gitter, aufgebogen/
with basket, curved up
420-419-140 Ohne Gitter, aufgebogen/
without basket, curved up
420-420-140 Ohne Gitter, gerade/
without basket, straight

WATSON-WILLIAMS

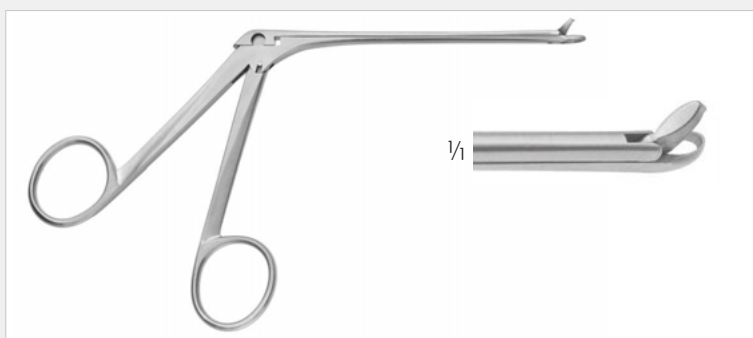
Nasenzange, durchschneidend, 3 mm Schnitt,
Arbeitslänge: 140 mm
Nasal Forceps, through cutting, 3 mm bite,
Working length: 5 ½ inch



- 252-200-110 2 mm Schnitt, gerade/bite, straight
252-200-111 2,5 mm Schnitt, gerade/bite, straight
252-200-112 3 mm Schnitt, gerade/bite, straight
252-201-110 2 mm Schnitt, aufgebogen/bite, upcurved
252-201-111 2,5 mm Schnitt, aufgebogen/bite, upcurved
252-201-112 3 mm Schnitt, aufgebogen/bite, upcurved

BLAKESLEY

Nasenzange, durchschneidend, 115 mm
Nasal Forceps, through cutting, 4 ½ inch



- 252-202-111 Fig.1 links gebogen/left curved jaw
252-203-111 Fig.2 rechts gebogen/right curved jaw

BLAKESLEY

Nasenzange, durchschneidend, 2,5mm Schnitt, 115mm
Nasal Forceps, through cutting, 2.5mm cut, 4 ½ inch



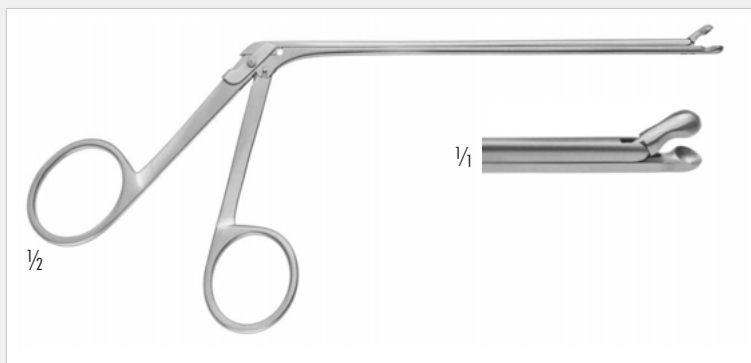
- 252-477-141 rückwärts öffnend/backward cutting
252-477-142 links öffnend/left side cutting
252-477-143 rechts öffnend/right side cutting

NICOLAI

Stirnhöhlenzange 2mm Schnitt, 65° aufgebogen
Antrum Forceps, 2mm bite, 65° angled upwards



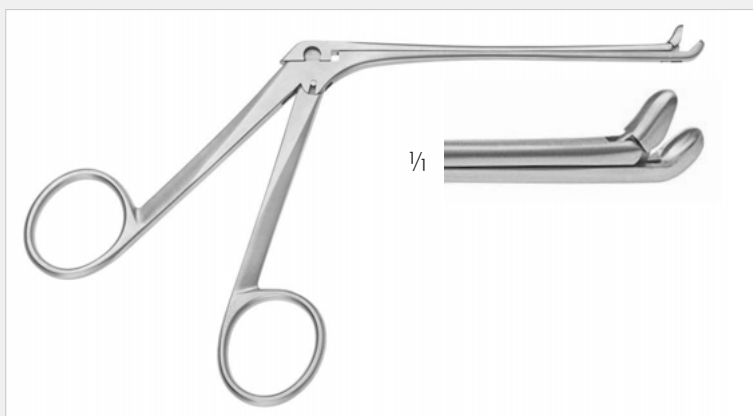
- 252-526-115 **NOYES** gefenstert/fenestrated
1x2 Zähne/teeth
- 252-527-115 **NOYES** gefenstert/fenestrated
- 252-528-115 **MORGENSTEIN**
- 252-529-115 **BLAKESLEY**
- 252-530-115 **FERRIS-SMITH**
- Nasenzange mit Querzähnen, Arbeitslänge: 115 mm
Nasal Forceps with serrated jaws, Working length: 4 1/2 inch



- 420-223-170
HILDYARD
Löffelzängchen, 3,5 mm Löffel, 120 mm Schaftlänge,
Arbeitslänge: 120 mm
Post-Nasal Biopsy Forceps, 3.5 mm biopsy cup, shaft
Working length: 4 3/4 inch



- 252-539-115
LEWIS
Nasenzange seitlich links öffnend, Arbeitslänge: 115mm
Nasal Forceps, round grooved jaws, opening to left side,
Working length: 4 1/2 inch

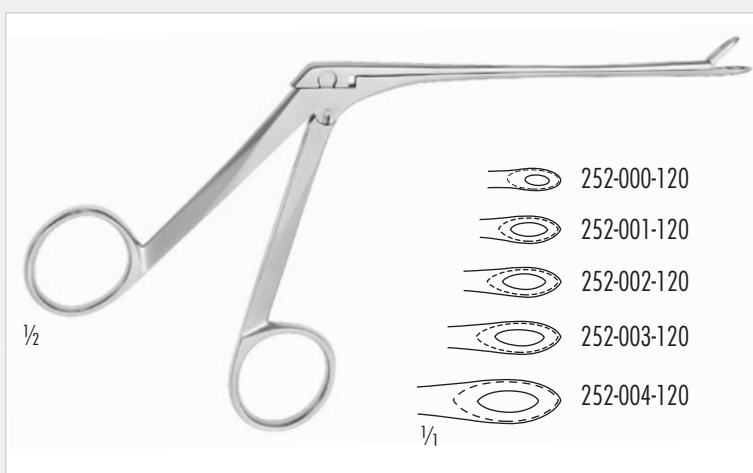


252-425-115

BEAD

Bead Nasenzange mit Löffel, aufgebogen, kleines Modell ,
Arbeitslänge: 115mm

Nasal Forceps with cup jaws, upturned, small model, Working length: 4
1/2 inch



252-000-120 Fig.0 3,0 mm

252-001-120 Fig.1 3,6 mm

252-002-120 Fig.2 4,2 mm

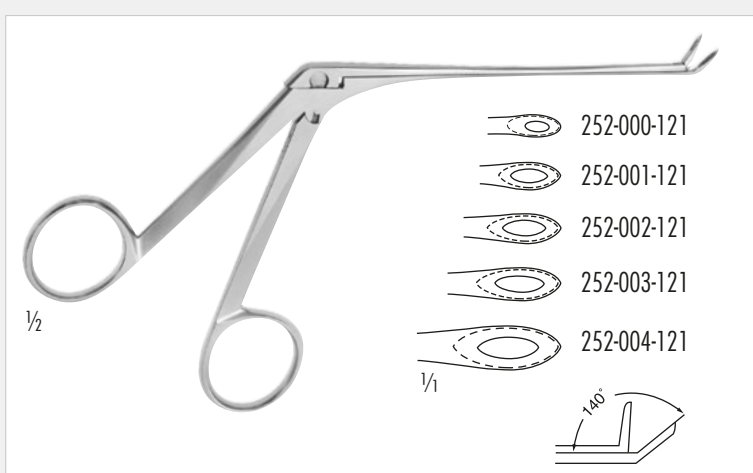
252-003-120 Fig.3 4,8 mm

252-004-120 Fig.4 5,6 mm

WEIL-BLAKESLEY

Siebbeinzangen, gerade, ovaler Löffel, gefenestertes Maul, 120 mm

Ethmoidal forceps, straight, oval, cup-shaped fenestrated jaws, 4 3/4 inch



252-000-121 Fig.0 3,0 mm

252-001-121 Fig.1 3,6 mm

252-002-121 Fig.2 4,2 mm

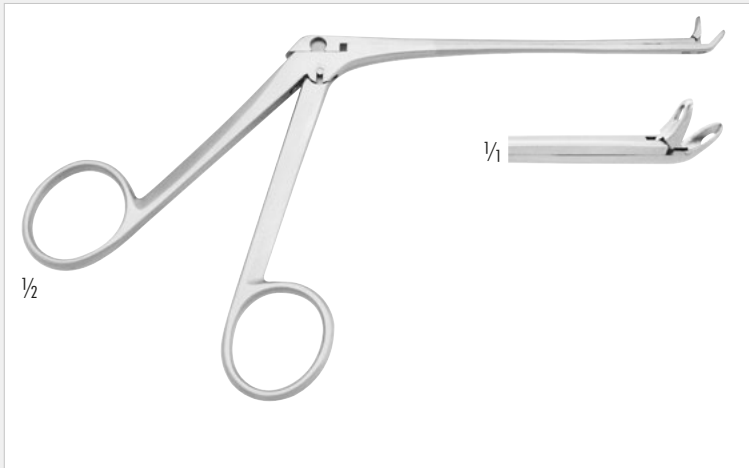
252-003-121 Fig.3 4,8 mm

252-004-121 Fig.4 5,6 mm

WEIL-BLAKESLEY

Siebbeinzangen, aufgebogen, ovaler Löffel, gefenestertes Maul, 110 mm

Ethmoidal forceps, upwards curved, oval cup, fenestrated jaws, 4 1/2 inch

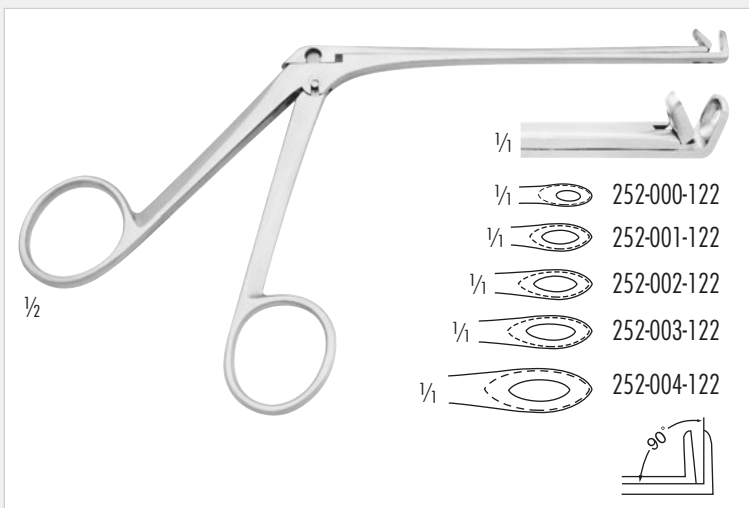


252-000-111

STRUEMPEL-VOSS

Siebbeinzange 45° aufgebogen, besonders fein, 2,5mm
110 mm Schaft

Ethmoidal forceps, 45° upwards curved, oval, very delicate, 2.5mm
110 mm shaft



252-000-122 Fig.0 3,0 mm

252-001-122 Fig.1 3,6 mm

252-002-122 Fig.2 4,2 mm

252-003-122 Fig.3 4,8 mm

252-004-122 Fig.4 5,6 mm

WEIL-BLAKESLEY

Siebbeinzange, 90° aufgewinkelt, 110 mm
Ethmoidal forceps, 90° angled up, 4 1/2 inch



0°

252-035-150 Größe/Size 1: 3,5mm

252-040-150 Größe/Size 2: 4,0mm

252-050-150 Größe/Size 3: 5,0mm

45°

252-035-151 Größe/Size 1: 3,5mm

252-040-151 Größe/Size 2: 4,0mm

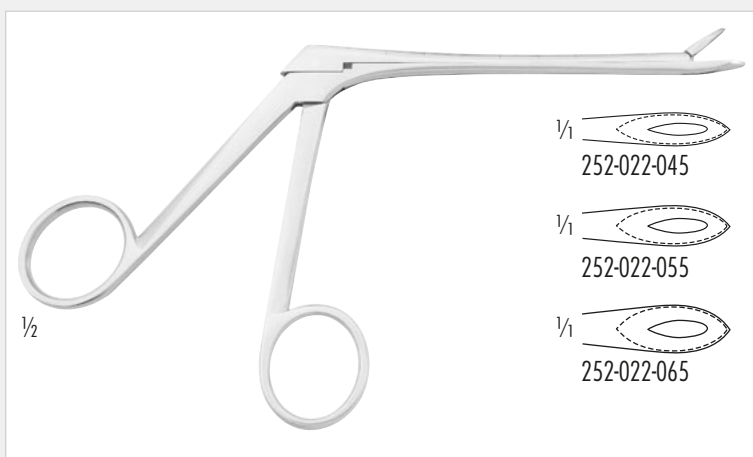
90°

252-035-152 Größe/Size 1: 3,5mm

252-040-152 Größe/Size 2: 4,0mm

BLAKESLEY

Nasenzange, Arbeitslänge: 150mm Arbeitslänge:
Nasal Forceps, working length: 6 inch



252-022-045 4,5 mm

252-022-055 5,5 mm

252-022-065 6,5 mm

TILLEY HENCKEL

Siebbeinzange, gerade, Schaft graduert, 115 mm

Ethmoidal forceps, straight, shaft graduated, 4 1/2 inch



252-410-130 2 mm, gerade/straight

252-410-131 3 mm, gerade/straight

252-413-131 3 mm, aufgebogen/curved up

TAKAHASHI

Siebbeinzange, oval, Löffelmaul, 120 mm

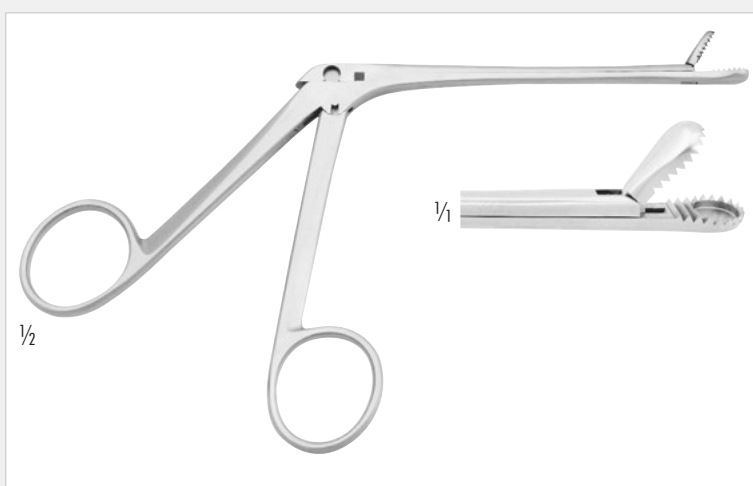
Ethmoidal forceps, oval, cup-shaped, 4 3/4 inch



252-534-100

Siebbeinzange, gerade, 140 mm

Ethmoidal forceps, straight, 5 1/2 inch

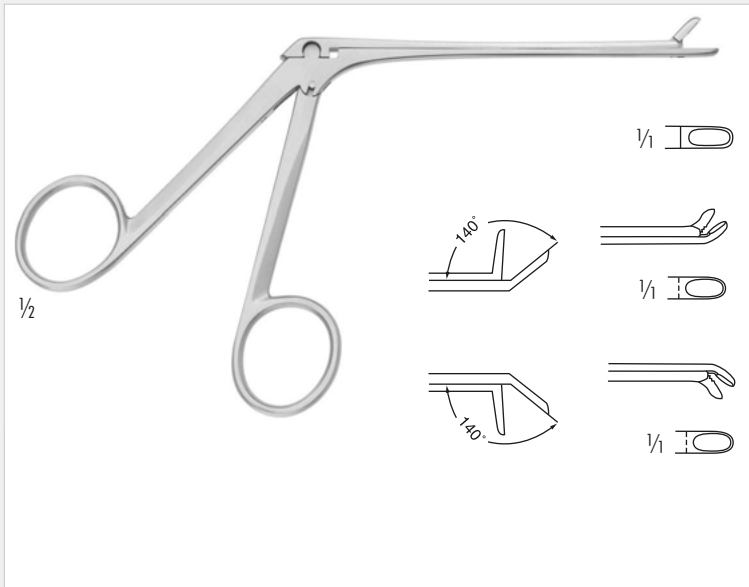


252-530-120

WATSON-WILLIAMS

Schleimhaut Faßzange, gezahnt, gerade, 120 mm

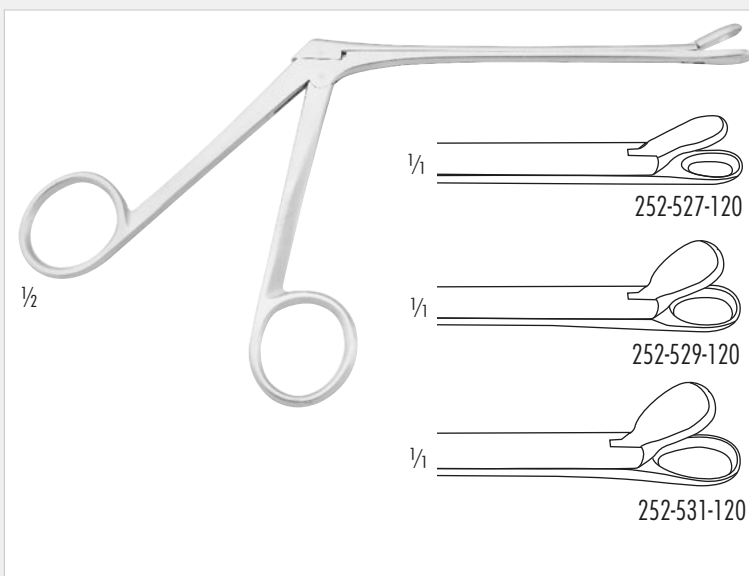
Ethmoidal mucosa forceps, serrated jaws, straight, 4 3/4 inch



- 252-536-115 gerade/straight
 252-537-115 aufgebogen/curved up
 252-538-115 abgebogen/curved down

ST BARTS

Rongeur, 3 mm, 110 mm
 Rongeur, 3 mm, 4 1/3 inch



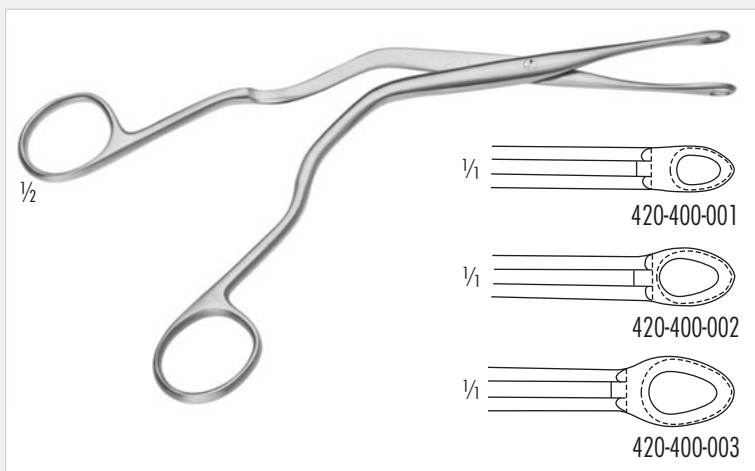
- 252-527-120 Fig.0
 252-529-120 Fig.1
 252-531-120 Fig.2

WATSON-WILLIAMS

Siebbeinzange, 115 mm
 Ethmoidal forceps, 4 1/2 inch



- 252-426-100 Ø 3.5 mm
 Nasenzange mit rundem Löffel, 115 mm
 Sinus Cup Forceps, 4 1/2 inch



420-400-001 6,0 mm

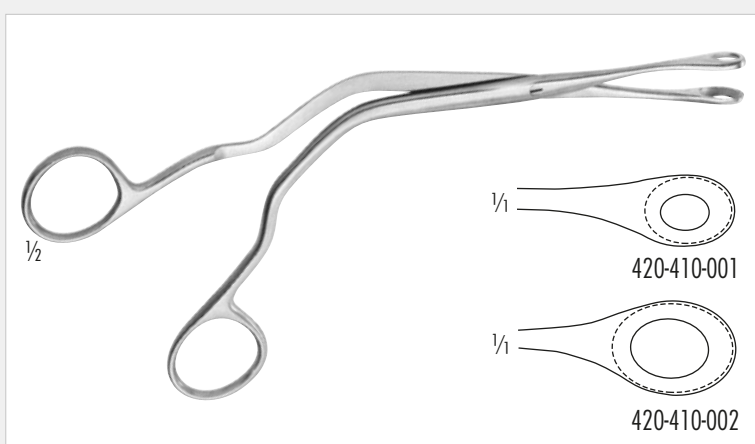
420-400-002 7,5 mm

420-400-003 9,0 mm

LUC

Septumzange, gefenstert, 190 mm

Septum forceps with fenestrated jaws, 7 1/2 inch



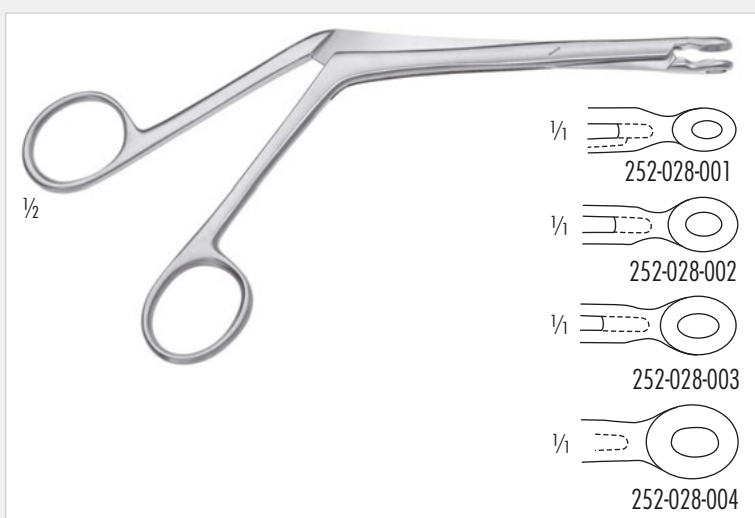
420-410-001 Fig. 1

420-410-002 Fig. 2

LUC

Septumzange, gefenstert, 200 mm

Septum forceps with fenestrated jaws, 8 inch



252-028-001 Größe/Size 1

252-028-002 Größe/Size 2

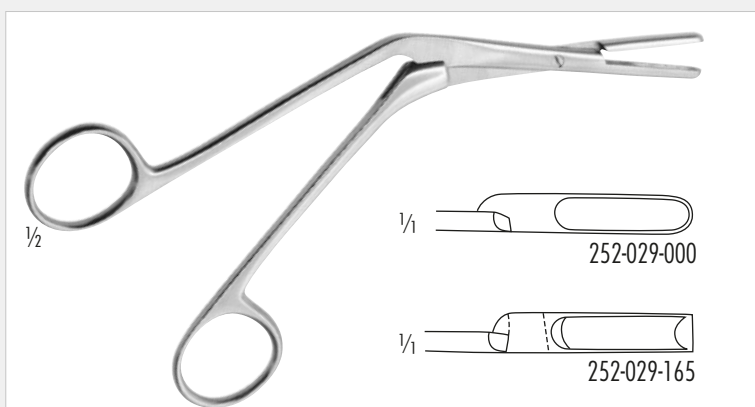
252-028-003 Größe/Size 3

252-028-004 Größe/Size 4

BRUENINGS

Septumzange, gefenstert, 190 mm

Septum forceps, fenestrated jaws, 7 1/2 inch



252-029-000 6mm

CRAIG

Vormerzange, gerade, scharfer Löffel oval, 165 mm

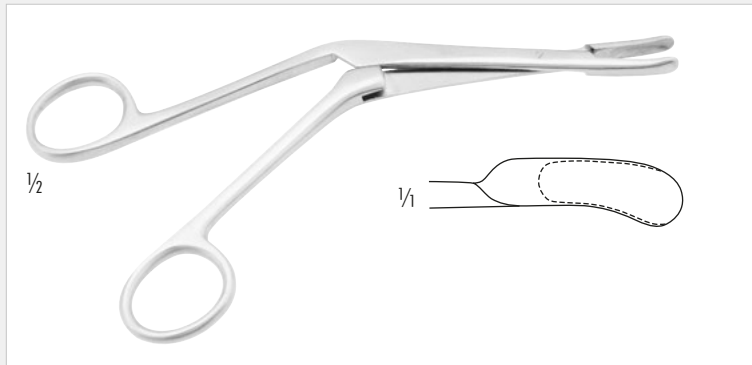
Septum bone cutting and breaking forceps straight, sharp cup, 6 1/2 inch

252-029-165 6mm

CRAIG

Vormerzange mit eckigen Schneidkanten, 165 mm

Septum bone cutting and breaking forceps straight, sharp cup, 6 1/2 inch

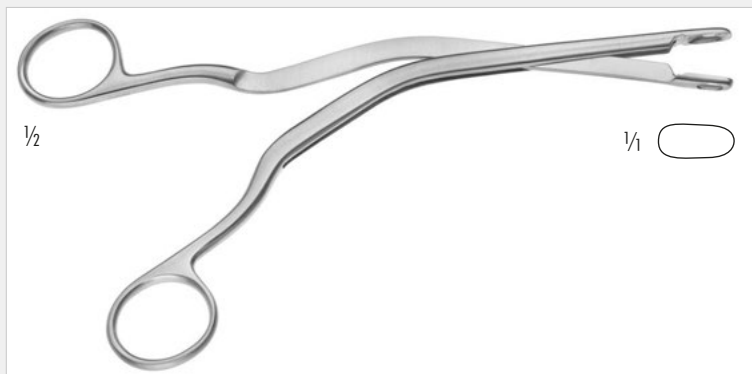


252-029-500

CRAIG-DOMNICK

Vormerzange, linksgebogen, scharfe Löffel, 165 mm

Septum bone cutting and breaking forceps, curved to the left, sharp cup, 6 1/2 inch



420-412-190

IRWIN MOORE

Septumzange, 190 mm

Septum forceps, 7 1/2 inch

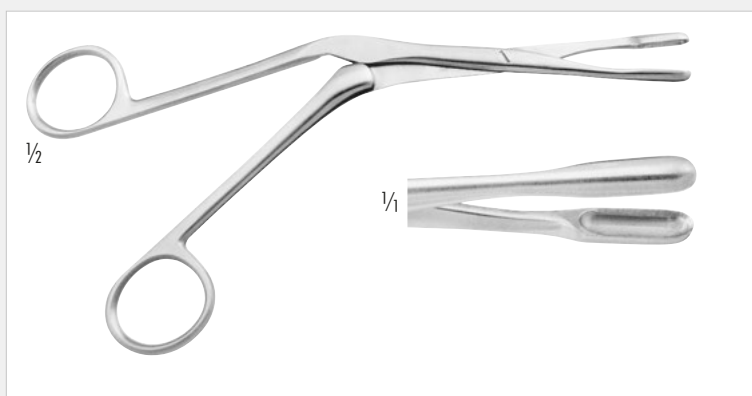


420-422-190

HEYMANN-KNIGHT

Septumzange, scharfer ovaler Löffel, 190 mm

Septum forceps, with sharp oval cup, 7 1/2 inch



420-214-180

KNIGHT

Nasenzange, scharf, 180 mm

Nasal forceps, sharp, 7 inch



252-031-190 4x14 mm großes Modell / large pattern

252-033-190 3x13 mm kleines Modell / small pattern

JANSEN-MIDDLETON

Nasenzange, durchschneidend, 210 mm

Nasal forceps, through cutting, 8 1/4 inch



252-032-190 4x11 mm

JANSEN-MIDDLETON

Nasenzange, Löffelmaul, 170 mm

Nasal forceps, cup-shaped, 6 3/4 inch



420-213-180

BECKER

Septumschere mit Doppelgelenk, gezahnt, 180 mm

Septum scissors, double action, with serrated jaws, 7 inch

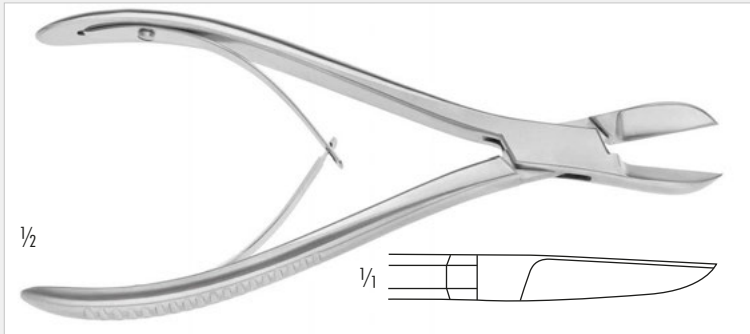


120-286-220 gerade Schneide/straight cutting edge

CAPLAN

Nasenschere, 220 mm

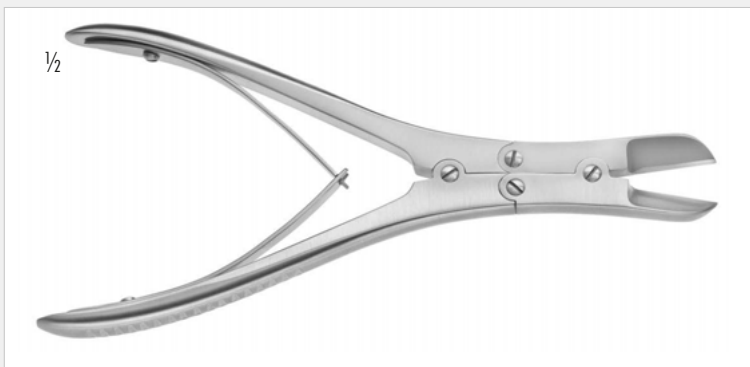
Nasal scissors, 8 1/2 inch



210-845-185

COTTLE-KAZANJIAN

Knochensplitterzange, zum Entfernen eines Nasenhöckers, 180 mm
Bone cutting forceps, for removal of nasal hump, 7 inch



210-855-180

RUSKIN-ROWLAND

Nasenzange mit Doppelgelenk, gerade, 180 mm
Nasal hump rongeur, double action, straight, 7 inch



420-370-210

RUBIN

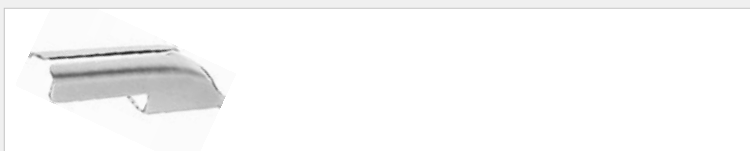
Knorpelquetschzange mit Doppelgelenk, gerade, 220 mm
Septum morcelizer, double action, straight, 8 1/2 inch



420-371-210

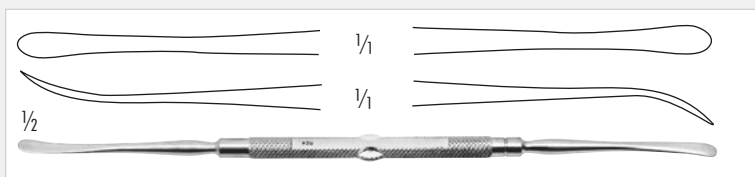
RUBIN

Knorpelquetschzange mit Doppelgelenk, abgewinkelt, 220 mm
Septum morcelizer, double action, angled, 8 1/2 inch



420-370-212

Schutzkappe für RUBIN Quetschzange 420-370-210 + 420-371-210
Protection cap for RUBIN septum morcelizer 420-370-210 + 420-371-210

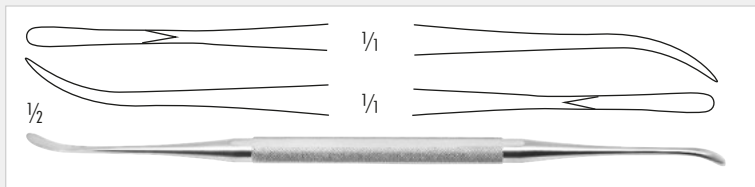


420-546-180 5 mm

FREER

Elevatorium, scharf/stumpf, 185 mm

Elevator, sharp /blunt, 7 1/4 inch



420-548-180

FREER-YASARGIL

Dissektor, scharf, 190 mm

Dissector, sharp, 7 1/2 inch



210-528-240

COHEN

Elevator, doppelendig, 240mm

Elevator, double-ended, 9 1/2 inch



420-556-200

WOODSON

Elevator, 2,4 / 4,0mm Blatt, 200mm

Elevator, 2.4 / 4.0mm blade, 8 inch



420-395-205 6 mm

NEGUS

Saugdissektor, stumpf 210 mm

Suction dissector, blunt, 8 1/4 inch

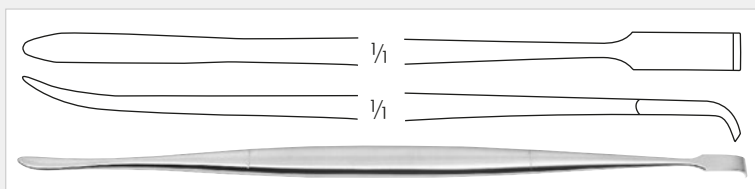


420-253-185 3 mm

GORNEY

Saugraspatorium, halb-scharf 180 mm

Suction raspatorium, semi-sharp 7 inch

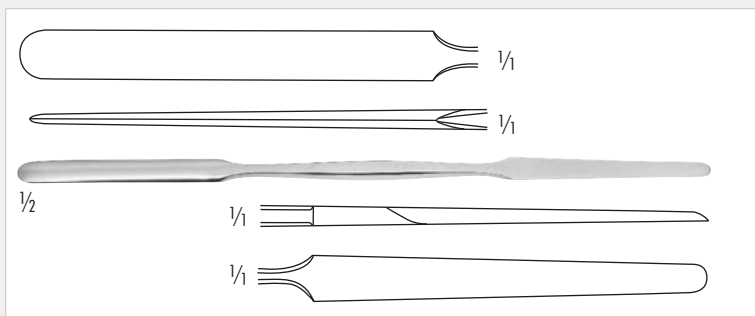


420-552-215

HOWARTH

Doppel-Elevatorium, 215 mm

Elevator, double-ended, 8 1/4 inch

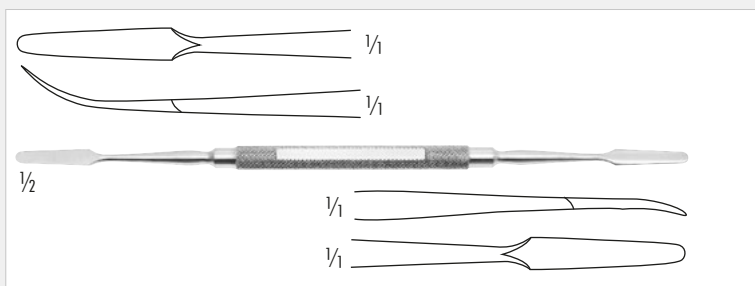


420-541-180

KILLIAN

Doppel-Elevatorium, scharf/stumpf, 185 mm

Elevator, double-ended, sharp/blunt, 7 1/4 inch



420-540-180

KILLIAN

Doppel-Elevatorium, scharf/stumpf, 180 mm

Elevator, double-ended, sharp/blunt, 7 inch



252-002-180

KILLIAN

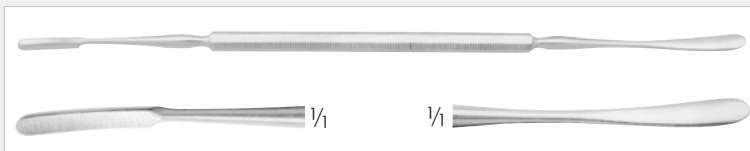
Doppel-Elevatorium, schiffenförmig, scharf/stumpf, 180 mm
Septum double-ended elevator, shuffle-shaped, sharp/blunt, 7 inch



252-001-200

FREER

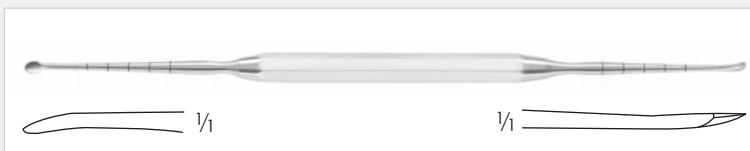
Doppel-Elevatorium, halbscharf/stumpf, 200 mm
Septum double-ended elevator, semi-sharp/blunt, 8 inch



420-555-200

FREER-JOSEPH

Doppel-Elevatorium, 200 mm
Septum double-ended elevator, 8 inch



420-551-200

MASIG

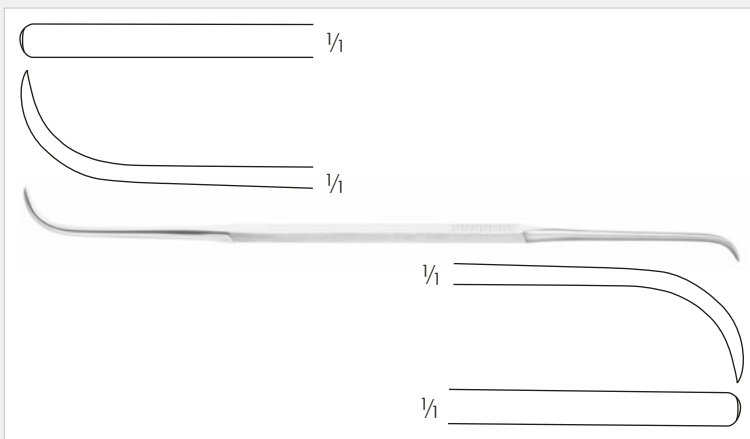
Elevatorium, doppelendig, graduert, scharf/stumpf, 200 mm
Elevator, double-ended, graduated, sharp/blunt, 8 inch



420-550-230

COTTLE

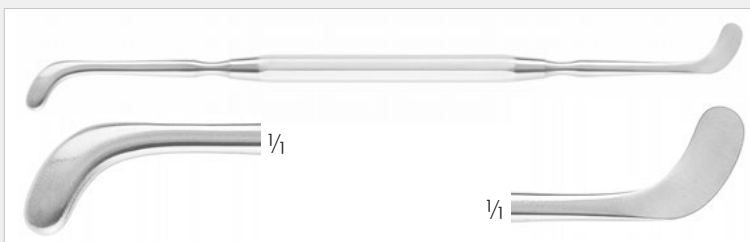
Doppel-Elevatorium, graduert, scharf/stumpf, 210 mm
Elevator, double-ended, graduated, sharp/blunt, 8 1/4 inch



420-552-200

COTTLE

Doppel-Elevatorium, zum Tunnelieren, 220 mm
Elevator, double-ended, for tunneling, 9 inch



420-543-210

PENNINGTON

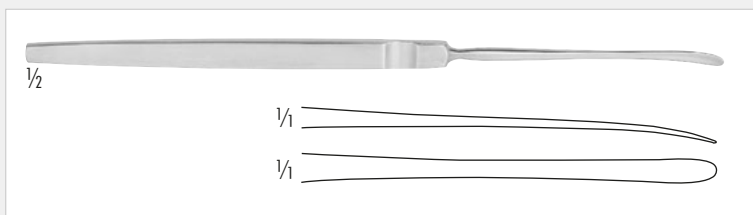
Elevatorium, 210 mm
Elevator, 8 1/4 inch



420-551-175

FREER

Raspatorium, doppelendig, scharf, 175 mm
Periosteal elevator, double-ended, sharp, 7 inch



420-544-165 4,0 mm

HALLE

Elevatorium, stumpf, 180 mm

Elevator, blunt, 7 inch

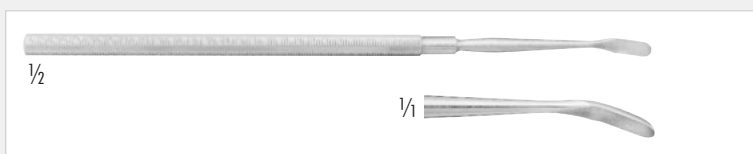


420-551-180 4 mm

FREER

Raspatorium, 160 mm

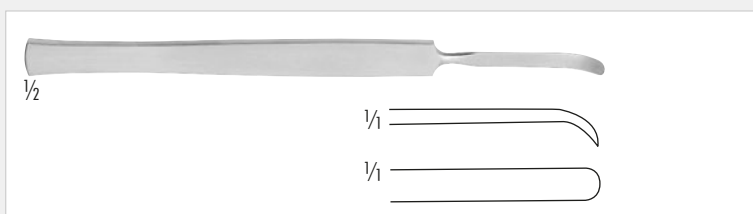
Periosteal elevator, 6 1/2 inch



420-557-165 4,0 mm

Raspatorium, abgewinkelte Spitze, 165 mm

Periosteal elevator, angled tip, 6 1/2 inch



420-547-004 4 mm

420-547-005 5 mm

MC KENTY

Septum Elevatorium, gebogen, scharf, 155 mm

Septum periosteal elevator, curved, sharp, 6 inch

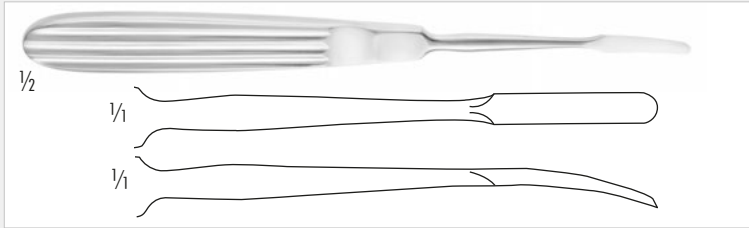


420-547-006

ERLANGEN

Raspatorium, 6mm breit, leicht gebogen, 175 mm

Raspatory, 6mm wide, slightly curved, 7 inch



420-530-165 2 mm
420-531-165 3 mm
420-532-165 4 mm
420-533-165 5 mm

JOSEPH

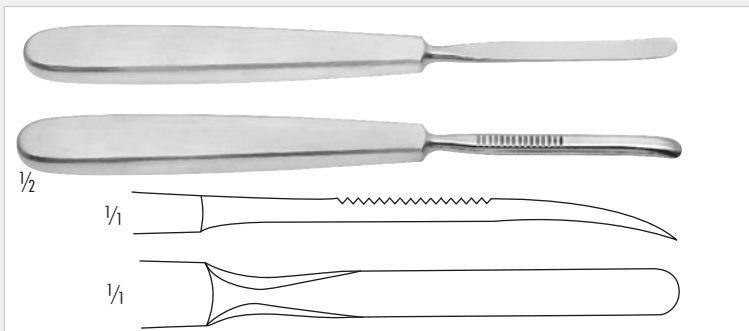
Periost-Raspatorium, leicht gebogen, 170 mm
Periosteal elevator, slightly curved, 6 3/4 inch



210-438-195 8 mm

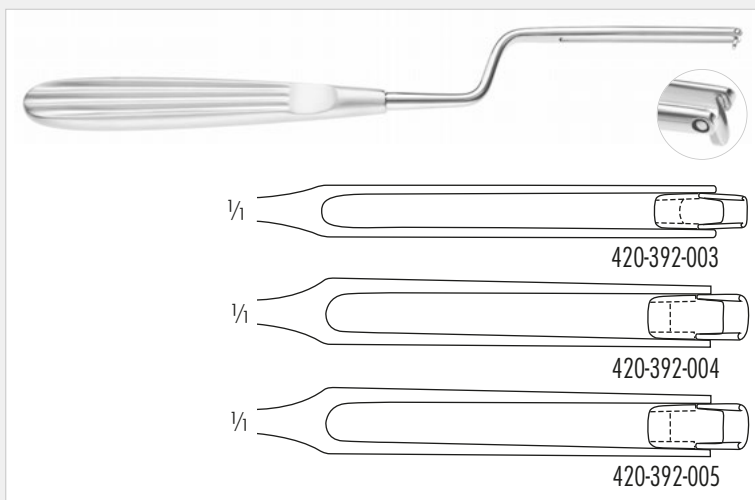
COTTLE

Elevatorium, gebogen, scharf, 190 mm
Elevator, curved, sharp, 7 1/2 inch



210-439-006 6 mm
210-439-008 8 mm

Periost-Raspatorium, leicht gebogen, 170 mm
Periosteal elevator, slightly curved, 6 3/4 inch



420-392-003 3 mm

420-392-004 4 mm

420-392-005 5 mm

BALLENGER

Schwingmesser, bajonettförmig, 210 mm

Swivel knife, bayonet shaped, 8 1/4 inch

420-393-003 3 mm

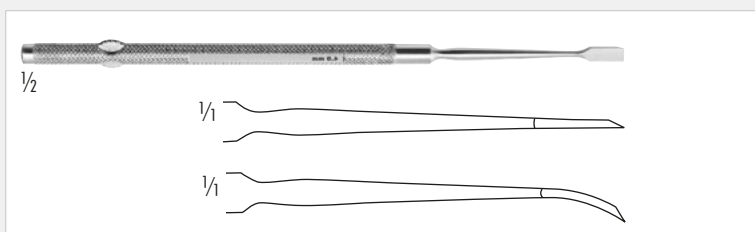
420-393-004 4 mm

420-393-005 5 mm

BALLENGER

Schwingmesser, gerade, 195 mm

Swivel knife, straight, 8 inch



420-590-004 4 mm, gerade/straight

420-591-004 4 mm, gebogen/curved

FREER

Septum Flachmeissel, 160 mm

Septum chisel, 6 1/4 inch



420-550-170 6 mm

FREER

Septum-Hohlmeissel, mit runder Schneide, gerade, 150 mm

Septum gouge, straight, round cutting edge, 6 inch



420-595-170 6 mm

BALLENGER

Septum-Hohlmeissel mit Kerbe, gerade, 155 mm

Septum gouge, with notch and cutting edge, 6 inch



420-552-170 6 mm

KILLIAN

Septum-Hohlmeissel mit runder Schneide, bajonettförmig gebogen, 170 mm

Septum gouge, round cutting edge, bayonet shaped, 6 3/4 inch

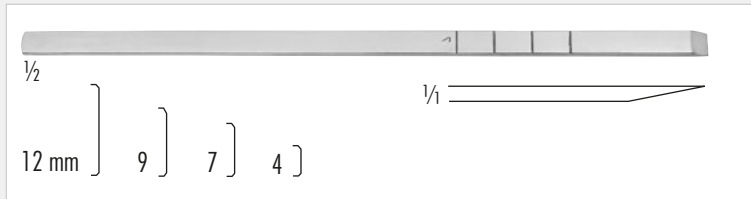


420-551-170 6 mm

KILLIAN-CLAUS

Septum-Hohlmeissel mit Kerbe, bajonettförmig gebogen, 170 mm

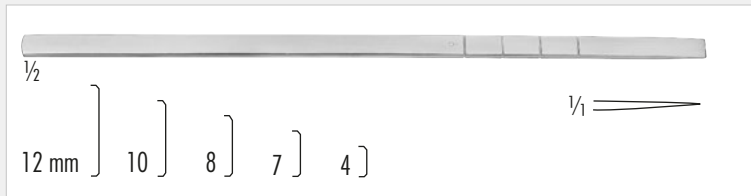
Septum gouge with notch, bayonet shaped, 6 3/4 inch



- 210-488-004 4 mm
- 210-488-007 7 mm
- 210-488-009 9 mm
- 210-488-012 12 mm

COTTLE

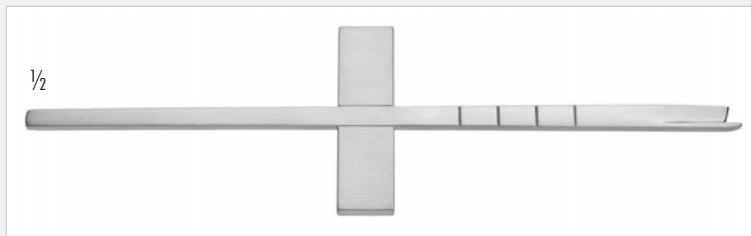
Flachmeissel, graduert, 185 mm
Chisel, graduated, 7 1/4 inch



- 210-487-004 4 mm
- 210-487-007 7 mm
- 210-487-008 8 mm
- 210-487-010 10 mm
- 210-487-012 12 mm

COTTLE

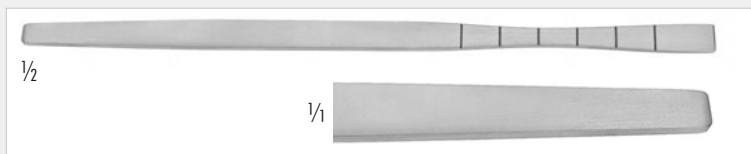
Osteotom, graduert, 180 mm
Osteotome, graduated, 7 inch



- 210-472-105 5mm

COTTLE

Osteotom mit Schutz und Crossbar, 185m
Osteotome with guard and crossbar, 7 1/4 inch



- 210-486-008 8 mm

COTTLE

Fischschwanz Osteotom, verrundete Ecken 180 mm
Fishtail osteotome, with protected ends, double guarded 7 inch



- 210-486-016

COTTLE

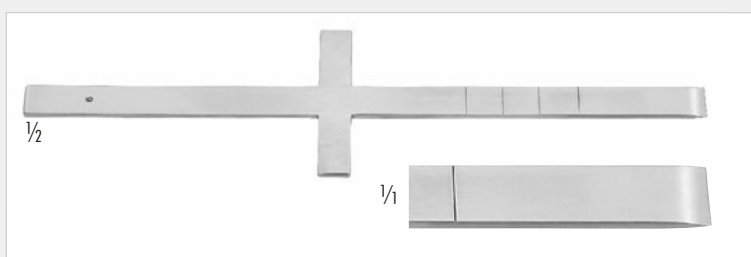
Fischschwanz Osteotom, mit Querbalken, 16mm,
runde Schneidkanten, 180mm
Fishtail osteotome, with crossbar, 16mm
with round cutting end, 7 inch



- 210-486-006 6 mm

COTTLE

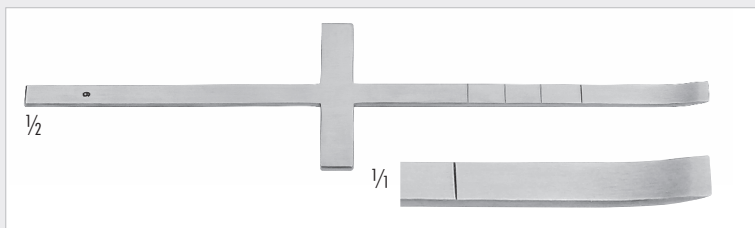
Flachmeissel, gebogen, graduert, für transversale Osteotomie, 180 mm
Chisel, curved, graduated, for transverse osteotomies, 7 inch



- 210-472-006 6 mm

COTTLE

Osteotom, gerade, 185 mm
Osteotome, straight, 7 1/4 inch

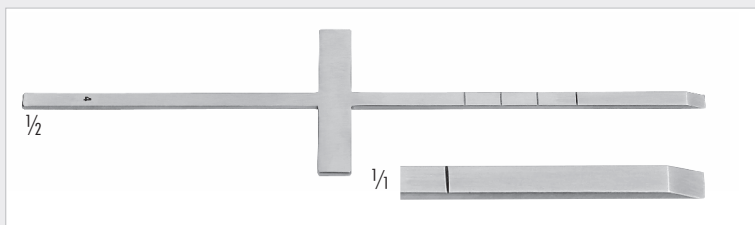


210-473-006 6 mm

COTTLE

Osteotom, gebogen, 185 mm

Osteotome, curved, 7 1/4 inch



210-474-006

COTTLE

Meissel, gerade, 6 mm, 185 mm

Chisel, straight, 6 mm, 7 1/4 inch



420-587-008 8 mm

420-587-010 10 mm

420-587-012 12 mm

420-587-014 14 mm

420-587-016 16 mm

RUBIN

Osteotom, 167 mm

Osteotome, 6 2/3 inch



420-628-253

GUASTELLA

Dorsal Osteotom, 18cm

Dorsal Osteotome, 7 inch



420-589-008 8 mm

420-589-010 10 mm

420-589-012 12 mm

420-589-014 14 mm

420-589-016 16 mm

CINELLI

Osteotom, mit doppelter Führung, gerade, 160 mm

Osteotome, double guarded, straight, 6 1/4 inch



420-587-177 6,5 mm

PARKES

Höcker Hohlmeissel, 180 mm

Hump gouge, 7 inch



420-459-001 gerade/straight

420-459-002 rechts gebogen/curved right

420-459-003 links gebogen/curved left

SILVER

Nasenmeißel, 180mm

Nasal Chisel, 7 inch



1/2

420-460-001 gerade/straight

420-460-002 links/left

420-460-003 rechts/right

SILVER

Osteotom, schmales Modell, 185 mm

Osteotome, slender model, 7 1/4 inch



1/2

420-639-001 gerade/straight

420-639-002 rechts gebogen/curved right

420-639-003 links gebogen/curved left

ANDERSON-NEIVERT

Osteotom, 205 mm, 3,5 mm

Osteotome, 8 inch, 3.5 mm



420-641-001 gerade/straight

420-641-002 rechts/right

420-641-003 links/left

GUNTER

Osteotom, 205 mm

Osteotome, 8 inch



1/2

420-472-002 links/left

420-472-003 rechts/right

GUASTELLA

Osteotom, 180 mm

Osteotome, 7 inch



1/2

420-460-005

SILVER

Osteotom mit V-Spitze, gebogen, 175 mm

Osteotome with V-tip, curved, 6 3/4 inch



1/2

420-491-001 links gebogen/curved left

420-491-002 rechts gebogen/curved right

420-491-000 gerade/straight

FRENCHAY

Nasenmeißel, mit Führung, 180 mm

Nasal Chisel, with guard, 7 inch



1/2

420-586-004 4mm

420-586-006 6mm

420-586-005 5mm

420-586-007 7mm

FOMON

Meißel, 170 mm

Chisel, 6 3/4 inch



1/2

420-458-160

PARKES

Osteotom, mit einseitigem Schutz, 160 mm

Osteotome with single guard, 6 1/3 inch



420-470-001 gerade/straight

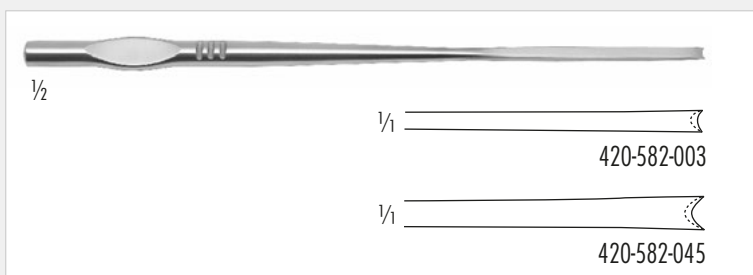
420-470-002 rechts gebogen/curved right

420-470-003 links gebogen/curved left

RISTOW

Osteotom, 200 mm

Osteotome, 8 inch

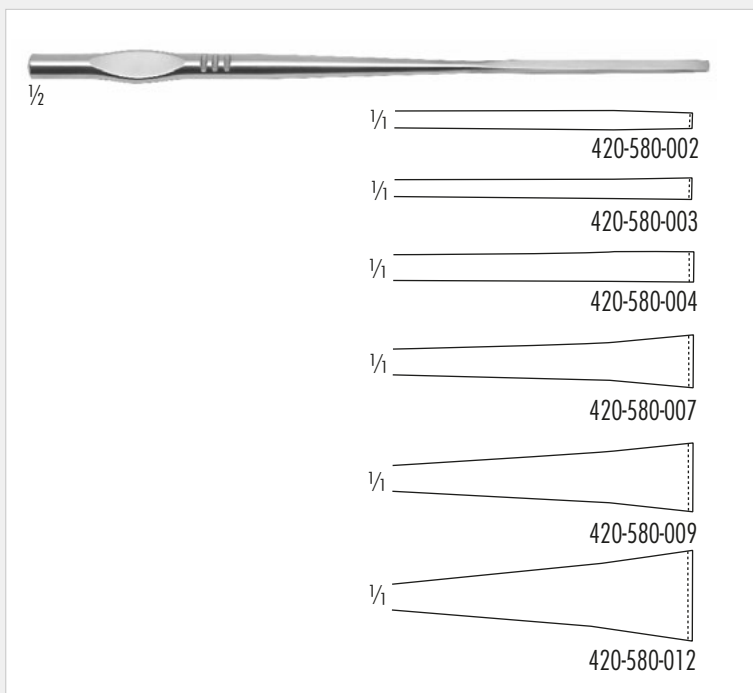


420-582-003 3,0 mm

420-582-045 4,5 mm

WALTER

Flachmeissel mit Hohlkehle, Spitzen verrundet, 190 mm
Chisel with notch, double guarded, 7 1/2 inch



420-580-002 2,0 mm

420-580-003 3,0 mm

420-580-004 4,0 mm

420-580-007 7,0 mm

420-580-009 9,0 mm

420-580-012 12,0 mm

WALTER

Osteotom, 190 mm
Osteotome, 7 1/2 inch



420-568-002 2 mm

420-568-003 3 mm

420-568-004 4 mm

420-568-005 5 mm

420-568-006 6 mm

420-568-007 7 mm

420-568-008 8 mm

420-568-009 9 mm

420-568-010 10 mm

420-568-011 11 mm

420-568-012 12 mm

420-568-014 14 mm

RZ-OSTEOTOME

Osteotom, 180 mm
Osteotome, 7 inch



420-572-002 2 mm

420-572-003 3 mm

420-572-004 4 mm

420-572-005 5 mm

420-572-010 10 mm

420-572-011 11 mm

420-572-012 12 mm

CONVERSE

Osteotom mit Stabilisierung, 180 mm
Osteotome with stabilizer, 7 inch



420-573-001 gerade/straight
420-573-002 links/left
420-573-003 rechts/right

CONVERSE

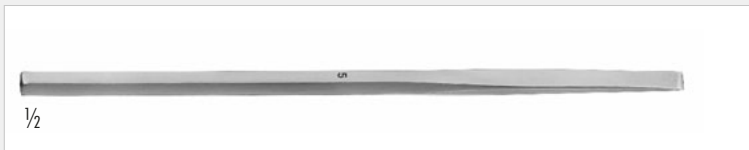
Meißel mit Schutz, 190mm
Chisel with single guard, 7^{1/2} inch



420-500-200 3,0 mm

REES

Osteotom, mit Aluminium Handgriff, 200 mm
Osteotome, with aluminum handle, 8 inch



420-594-002	2 mm	420-594-007	7 mm
420-594-003	3 mm	420-594-008	8 mm
420-594-004	4 mm	420-594-010	10 mm
420-594-005	5 mm	420-594-012	12 mm
420-594-006	6 mm	420-594-015	15 mm

SHEEHAN

Osteotom, 160 mm
Osteotome, 6^{1/3} inch



420-596-002	2 mm
420-596-003	3 mm
420-596-004	4 mm
420-596-006	6 mm
420-596-008	8 mm
420-596-010	10 mm
420-596-011	11 mm
420-596-015	15 mm

TARDY

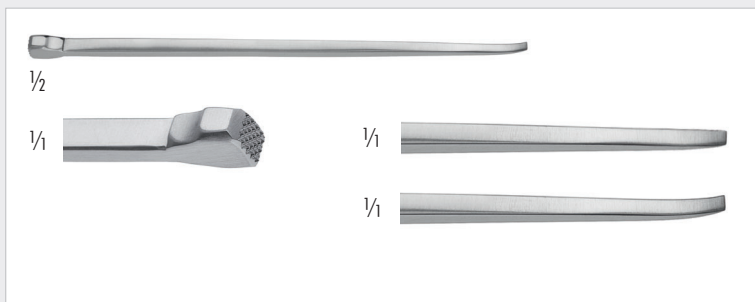
Osteotom, 160 mm
Osteotome, 6^{1/3} inch



420-496-001	1 mm	420-496-007	7 mm
420-496-002	2 mm	420-496-008	8 mm
420-496-003	3 mm	420-496-009	9 mm
420-496-004	4 mm	420-496-010	10 mm
420-496-005	5 mm	420-496-012	12 mm
420-496-006	6 mm	420-496-015	15 mm

FRENCH PATTERN

Osteotom, 150 mm
Osteotome, 6 inch



Gerade/straight		Gebogen/curved	
420-570-002	2mm	420-571-002	2mm
420-570-004	4mm	420-571-004	4mm
420-570-006	6mm	420-571-006	6mm
420-570-008	8mm	420-571-008	8mm
420-570-010	10mm	420-571-010	10mm
420-570-012	12mm	420-571-012	12mm
Mini Osteotom, 125 mm			
Mini Osteotome, 5 inch			



420-702-175CC	2mm
420-703-175CC	3mm
420-704-175CC	4mm
420-706-175CC	6mm
Mini Osteotom, CeraCut®, 175mm	
Mini Osteotome, CeraCut®, 7 inch	



210-114-143	3mm
210-114-145	5mm
210-114-147	7mm
210-114-149	9mm
TRAUTMANN	
Meissel, 140 mm	
Chisel, 5 ^{1/2} inch	



210-113-143	3mm
210-113-145	5mm
210-113-147	7mm
210-113-149	9mm
TRAUTMANN	
Hohlmeissel, 140 mm	
Gouge, 5 ^{1/2} inch	



Gerade/straight		Gebogen/curved	
420-502-002	2mm	420-502-102	2mm
420-502-003	3mm	420-502-103	3mm
420-502-005	5mm	420-502-105	5mm
420-502-007	7mm	420-502-107	7mm
420-502-010	10mm	420-502-110	10mm
420-502-014	14mm	420-502-114	14mm
420-502-016	16mm	420-502-116	16mm
420-502-018	18mm	420-502-118	18mm
TESSIER			
Nasen Osteotom, 160 mm			
Nasal Osteotome, 6 ^{1/3} inch			



210-240-180 240 g , Ø 30 mm
COTTLE
 Hammer, 1 Seite flach, 1 Seite konvex, 190 mm
 Mallet, 1 side plain flat, 1 side convex, 7 1/2 inch



210-264-140 140 g , Ø 25 mm
 Hammer, mit auswechselbaren Kunststoffbacken
 Mallet, with interchangeable plastic disks

210-265-100
 Ersatzbackenpaar, für Hammer 210-264-140
 Pair of spare disks, for mallet 210-264-140



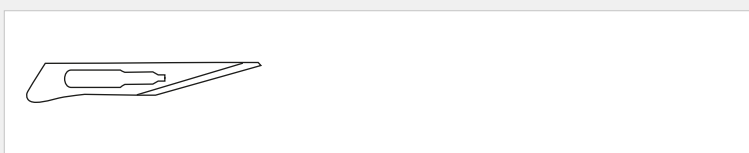
210-019-170 117 g , Ø 19 mm
 Hammer, mit Kupferkopf, 170 mm
 Mallet, with copper head, 6 3/4 inch



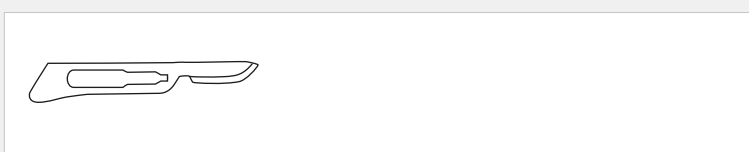
110-110-003
 Skalpell Griff Nr. 3, 130 mm
 Scalpel handle No.3, 5 1/8 inch



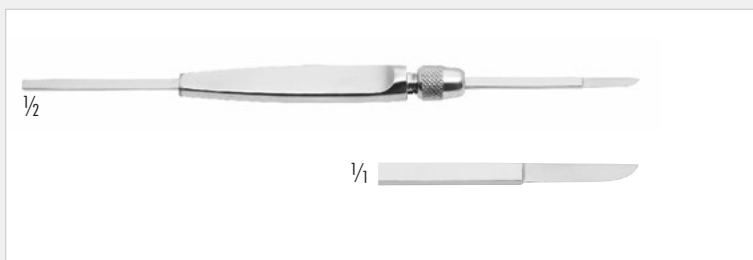
110-130-077
 Skalpell Griff Nr. 7, 165mm
 Scalpel handle No. 7, 6 1/2 inch



110-201-011
 Skalpellklingen Fig 11, 100 Stück
 Scalpel blades Fig. 11, 100 pieces



110-201-015
 Skalpellklingen Fig. 15, 100 Stück
 Scalpel blades Fig. 15, 100 pieces



420-213-160

BRUENINGS

Septummesser, 160 mm

Septum knife, 6 1/4 inch

420-213-000

Ersatzklinge zu 420-216-160

Spare blade for 420-216-160

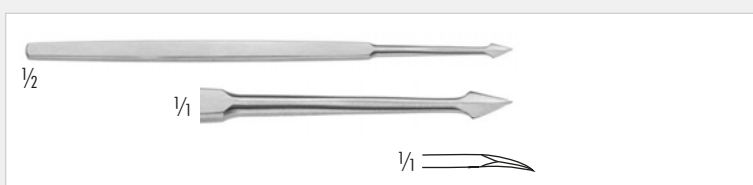


420-213-140

COTTLE

Septummesser, abgerundete Kanten, 140 mm

Septum knife, stiff blade with rounded edge, 5 1/2 inch



420-552-130

MASING

Knorpelritzmesser, in der Spitze gebogen, 130 mm

Cartilage slitting knife, curved blade, pointed, 5 1/8 inch



420-205-160

JOSEPH

Plastikmesser, gerade, Spitze verrundet, 150 mm

Button-end knife, straight, 6 inch

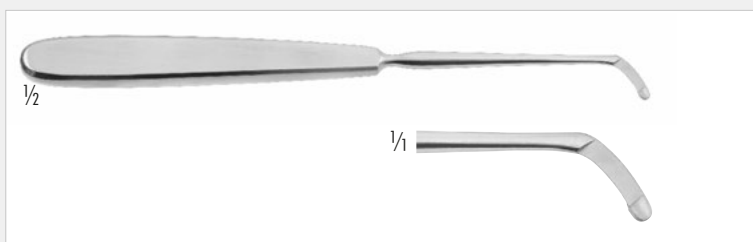


420-207-160

CONVERSE

Plastikmesser, gebogen, Spitze verrundet, 160 mm

Button-end knife, curved, 6 1/4 inch

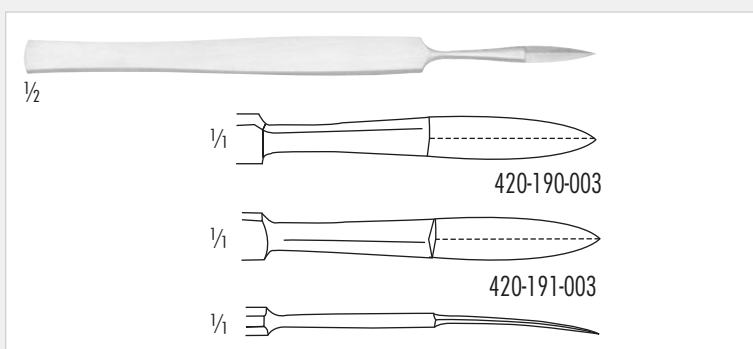


420-209-175

JOSEPH

Zugmesser zum Abtragen von Knorpelvorsprüngen des Septums, 165 mm

Button-end knife, angled for removal of septum cartilage, 6 1/2 inch



420-190-003 gerade/straight

420-191-003 gebogen/curved

JOSEPH

Plastikmesser mit doppelter Schneide, scharf, 150 mm

Double-edge nasal knife, sharp, 6 inch

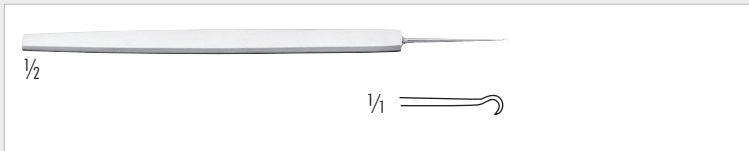


420-195-150

FREER

Mukosamesser, 150 mm

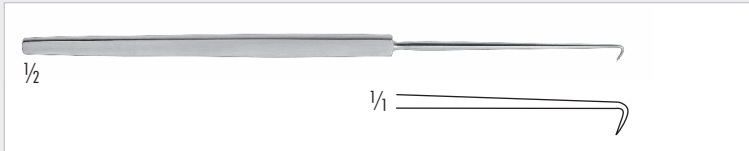
Mucosa knife, 6 inch



170-010-125

GRAEFE

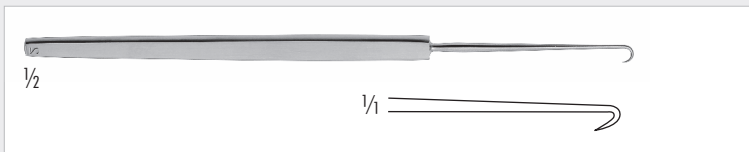
Hauthäkchen, scharf, 120 mm
Skin hook, sharp, 4 3/4 inch



230-285-160

COTTLE

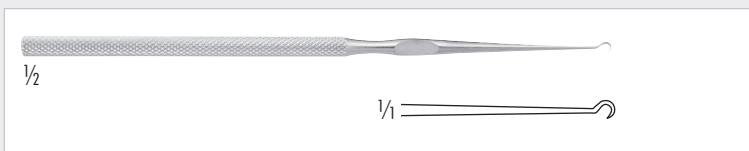
Scharfes Sehnenhäkchen, 120° retrograd gebogen, 168 mm
Tenaculum hook, 120° retrograde curved, 6 2/3 inch



230-286-160

COTTLE

Scharfes Sehnenhäkchen, 180° retrograd gebogen, 168 mm
Tenaculum hook, 180° retrograde curved, 6 2/3 inch



230-203-150

KILNER

Hauthäkchen, scharf, 150 mm
Skin hook, sharp, 6 inch



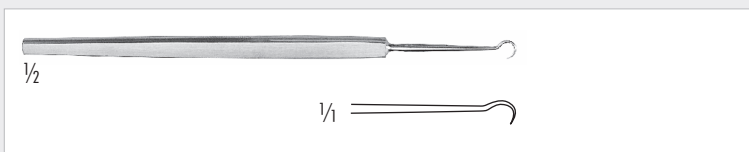
230-205-180 klein/small

230-207-180 mittel/medium

230-209-180 groß/large

GILLIES

Hauthäkchen, scharf, 180 mm
Skin hook, sharp, 7 inch



170-013-130 130 mm, 5 1/4 inch

170-013-180 180 mm, 7 inch

FRAZIER

Hauthäkchen, scharf
Skin hook, sharp



250-064-376

FISCH

Hauthäkchen, 90° abgewinkelt, scharf, 190 mm
Skin hook, 90° angled, sharp, 7 1/2 inch



170-060-001 klein/small

170-060-002 groß/large

CUSHING

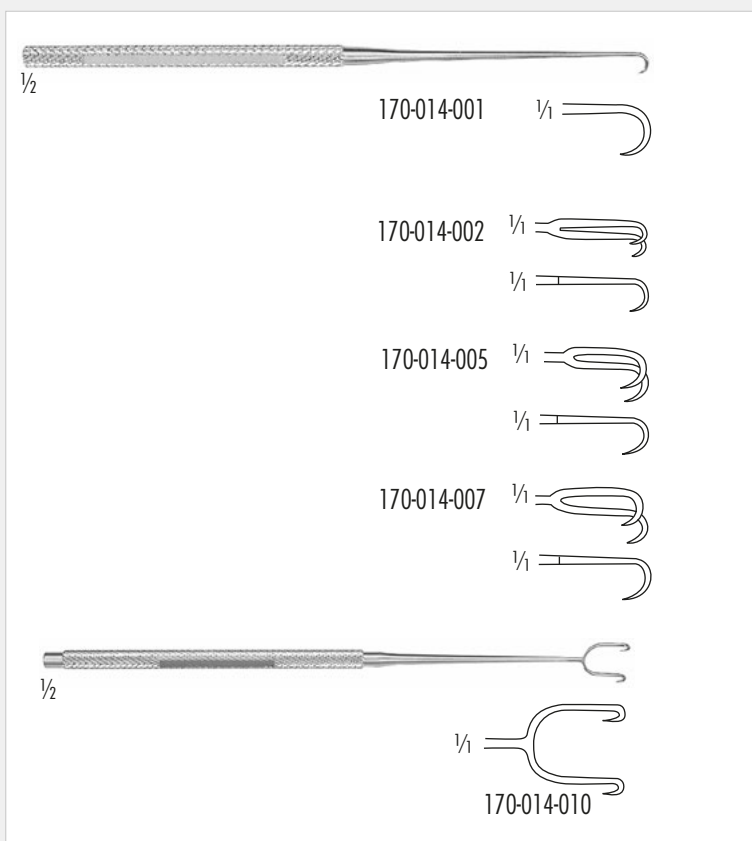
Stumpfes Häkchen, 190 mm
Buttoned hook, 7 1/2 inch



170-042-130

GUTHRIE

Hauthäkchen, Fig. 1, 120 mm
Skin hook, Fig. 1, 4 3/4 inch



170-014-001

JOSEPH

Hauthäkchen, scharf, 1 Zinken, 150 mm

Skin hook, sharp, single prong, 6 inch

170-014-002 2 mm

170-014-005 5 mm

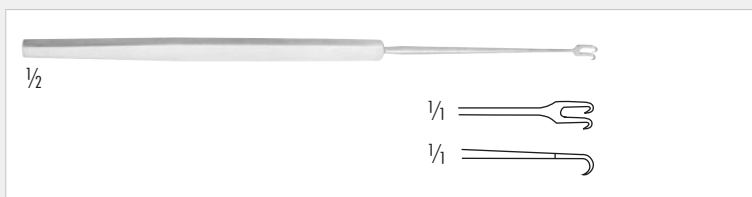
170-014-007 7 mm

170-014-010 10 mm

JOSEPH

Hauthäkchen, 2 Zinken, scharf, 160 mm

Skin hook, sharp, 2 prongs, 6 1/4 inch



230-220-001

FREER

Hauthäkchen, 2 Zinken, scharf, 150 mm

Skin hook, 2 prongs, sharp, 6 inch

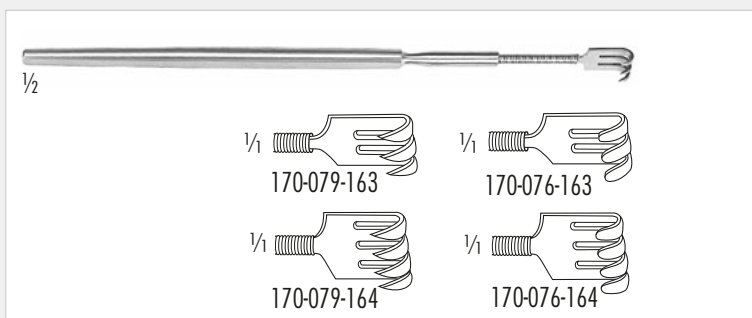
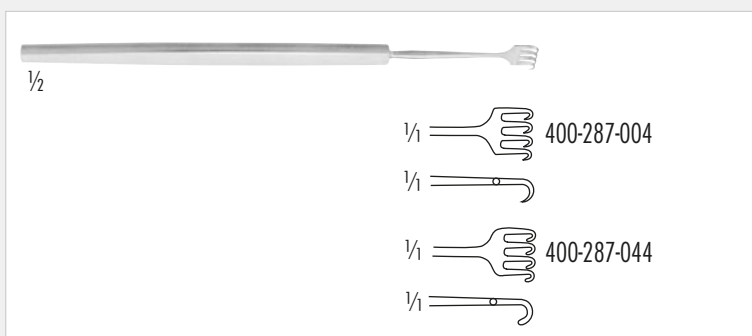
400-287-004 scharf/sharp

400-287-044 stumpf/blunt

ROLLET

Hauthäkchen, 4 Zinken, 135 mm

Skin hook, 4 prongs, 5 1/4 inch



170-079-163 3 Zinken, scharf / 3 prongs, sharp

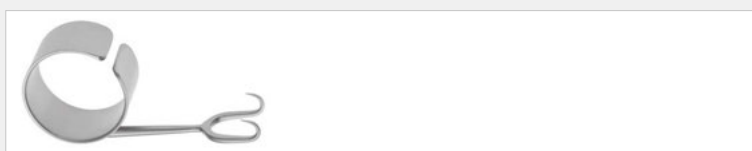
170-079-164 4 Zinken, scharf / 4 prongs, sharp

170-076-163 3 Zinken, stumpf / 3 prongs, blunt

170-076-164 4 Zinken, stumpf / 4 prongs, blunt

Feine Wundhaken mit flexibler Spitze, 160 mm

Fine hand held retractor with flexible tip, 6 1/4 inch



170-008-381

COTTLE

Wundhaken mit Ring, Arbeitslänge: 38 mm, scharf, 2-zahnig, 8 mm

Thumb retractor, working length 1 1/2 inch, sharp, double hook, 8 mm wide



420-186-145

FOMON

Nasenflügelretractor, 2 Zinken, stumpf/stumpf, 140 mm
Alar retractor, 2 prongs, blunt/blunt, 5 1/2 inch

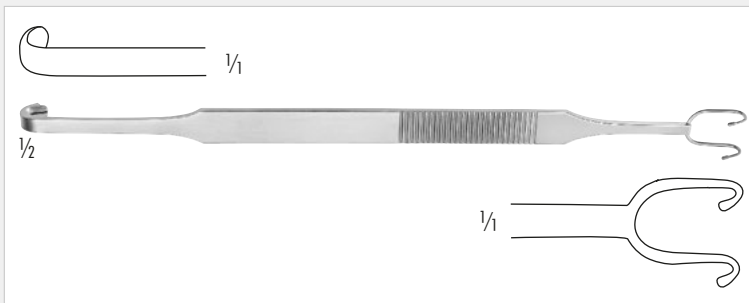


230-281-140 stumpf/spitz, blunt/sharp

230-282-140 spitz/stumpf, sharp/blunt

COTTLE

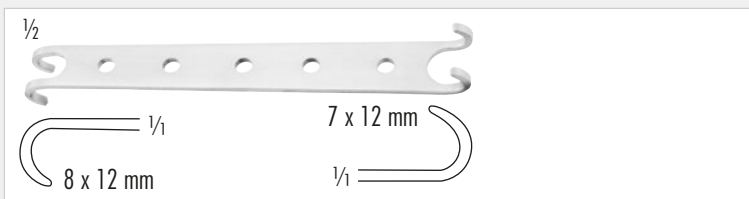
Nasenflügelretractor, 2 Zinken, 140 mm
Alar retractor, 2 prongs, 5 1/2 inch



230-260-200

COTTLE-NEIVERT

Nasenflügelretractor, mit Säge- oder Messerführung,
2 Zinken, stumpf, 200 mm
Alar retractor, with saw and knife guide, 2 prongs, blunt, 8 inch



260-501-120

CONVERSE

Alar-Doppelhaken, 2 Zinken, stumpf/stumpf, 120 mm
Alar retractor, double-ended, 2 prongs, blunt/blunt, 4 3/4 inch



420-187-155 sharp

420-187-255 blunt

RUBIN

Haken, 7mm lang, 5,5mm breit
Hook, 7mm length, 5.5mm wide



420-524-150

COTTLE

Alar Retraktor mit Lippe, 150 mm
Alar retractor with lip, 6 inch

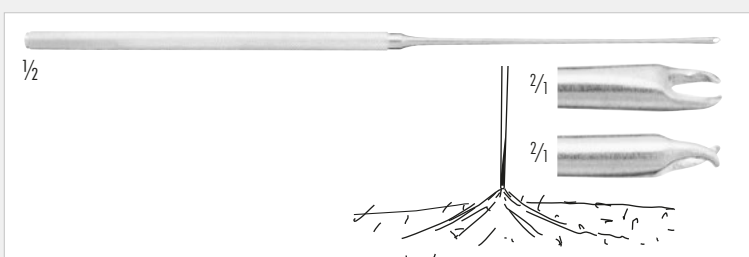


420-184-100 spitz/spitz / sharp/sharp

420-185-100 stumpf/stumpf / blunt/blunt

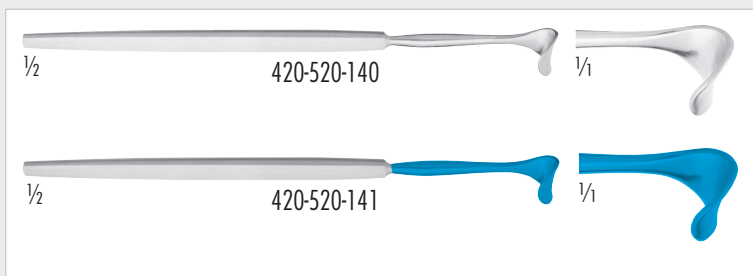
KILNER

Nasenflügelretractor, 2 Zinken, 85 mm
Alar retractor, 2 prongs, 3 1/4 inch



250-064-392 Ø 1,8 mm

Hautkralle mit Schutzkappe, 185 mm
Skin picks with protection cap, 7 1/4 inch



420-520-140 6x12 mm
420-520-141 6x12 mm, **isoliert/insulated**

MASING

420-523-140 10x12 mm
420-523-141 10x12 mm; **isoliert/insulated**

COTTLE

Alar Retraktor, 140 mm

Alar retractor; 5 1/2 inch

420-256-135

WALTER

Doppelhaken, eine Seite mit 2 stumpfen Haken, eine Seite mit stumpfen Blatt

Double-ended retractor, one end 2 blunt prongs and one with blade



420-260-005 5mm + 42x7mm

420-260-008 8mm + 38x7mm

420-260-013 13mm + 38x7mm

420-260-113 13mm + 42x10mm

AUFRICHT

Doppelendiger Nasenhaken, stumpf

Double-ended nasal retractor, blunt



420-250-160 10x45 mm Blatt/blade

420-251-160 10x30 mm Blatt/blade

AUFRICHT

Nasenretraktor, 160 mm

Nasal retractor, 6 1/4 inch



420-057-160

DEVINE-MILLARD-AUFRICHT

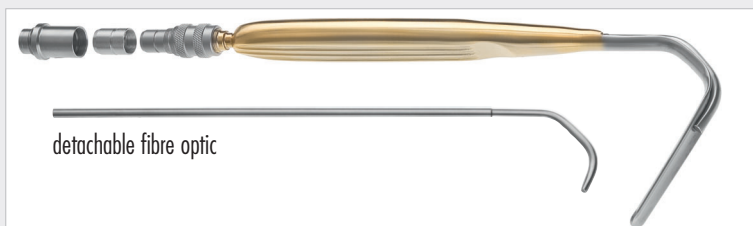
Nasenretraktor, 10 x 45 mm Blatt, 180 mm

Nasal retractor, 10 x 45 mm blade, 7 inch

420-257-160

Dito, mit KL-Anschluß

Same, with fibre optic



420-255-160

AUFRICHT

Nasenretraktor, mit Kaltlicht, 120°, 45 mm Blatt, 180 mm

Nasal retractor, with fibre optic, 120°, 45 mm blade, 7 inch



420-652-100

420-752-100 mit Kaltlichtträger/with fibre optic light carrier

MALINIAC

Nasenretraktor, 9 x 45 mm, 100 mm

Nasal retractor, 9 x 45 mm, 4 inch

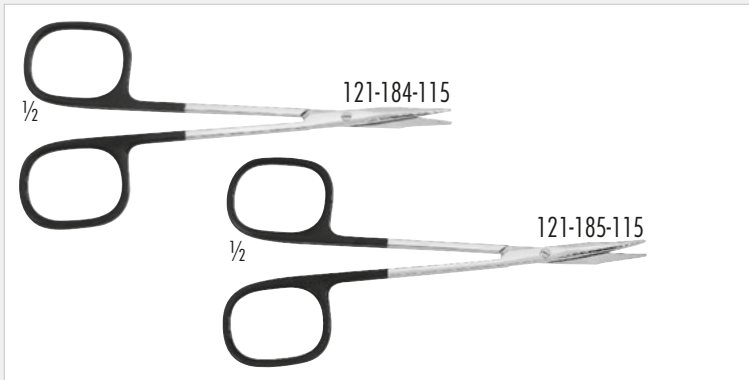


420-236-110 11 x 44 mm

CONVERSE

Nasenretraktor, mit Kaltlicht, 110 mm

Nasal retractor, with fibre optic, 4 1/3 inch

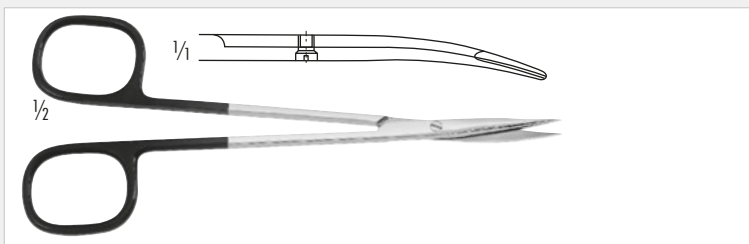


- 121-182-115 spitz/gerade / sharp/straight
 121-183-115 spitz/gebogen / sharp/curved
 121-184-115 stumpf/gerade / blunt/straight
 121-185-115 stumpf/gebogen / blunt/curved

STEVENS

Super-Cut Präparierscheren, mit eckigen Ringen, 115 mm

Super-Cut Dissecting scissors, with square rings, 4 1/2 inch

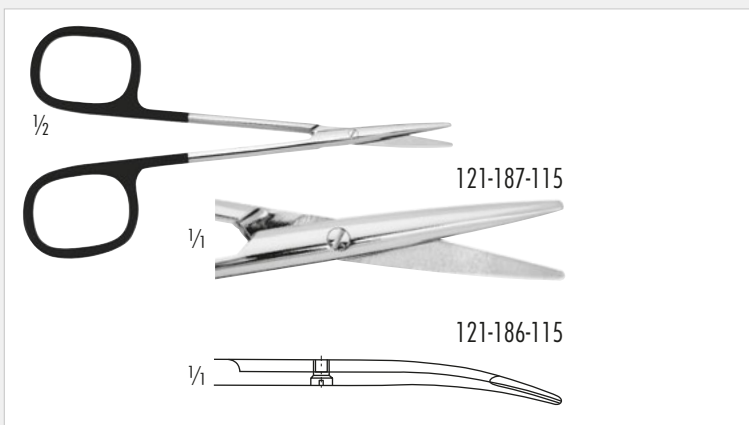


- 121-191-140 gebogen/curved
 121-190-140 gerade/straight

REYNOLDS-JAMESON

Super-Cut Gefäß-Schere, mit eckigen Ringen, 140 mm

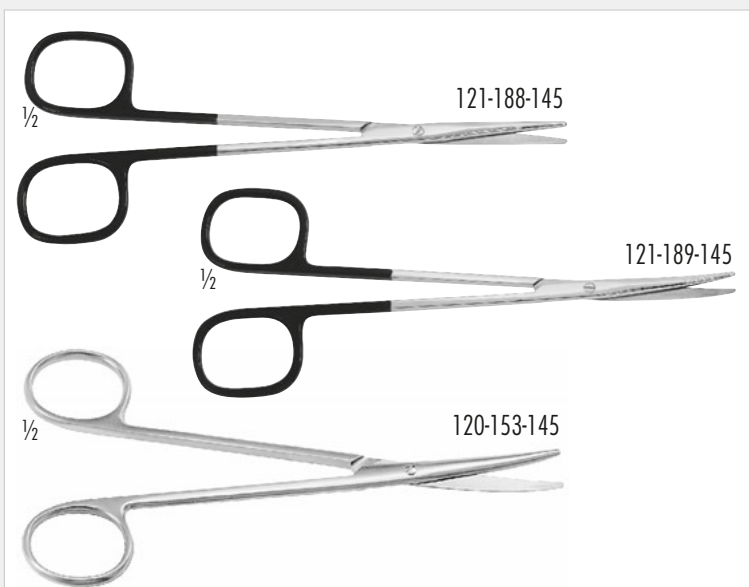
Super-Cut Vessel scissors, with square rings, 5 1/2 inch



- 121-187-115 gebogen / curved
 121-186-115 gerade / straight

Super-Cut Präparierscheren, mit eckigen Ringen, 115 mm

Super-Cut Dissecting scissors, with square rings, 4 1/2 inch



- 121-188-145 gerade / straight
 121-189-145 gebogen / curved

METZENBAUM

Super-Cut Präparierscheren, mit eckigen Ringen, 145 mm

Super-Cut Dissecting scissors, with square rings, 5 3/4 inch

120-153-145

METZENBAUM

Präparierscheren, feines Modell, gebogen, 145 mm

Dissecting scissors, delicate pattern, curved, 5 3/4 inch



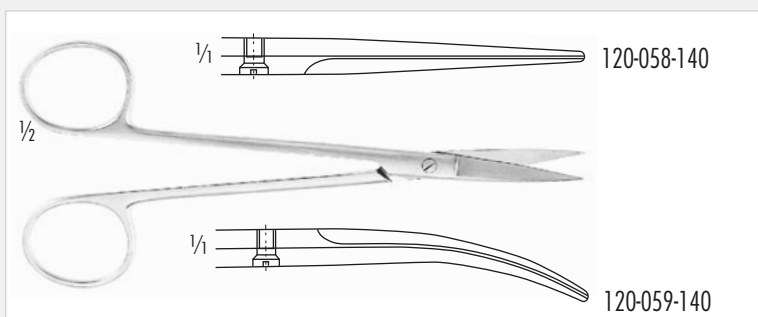
120-967-130 gebogen/curved

120-966-130 gerade/straight

GOLDMAN FOX

TC Sehnenschere, eine Schneide gezahnt, 130 mm

TC Tendon scissors, one blade serrated, 5 1/8 inch



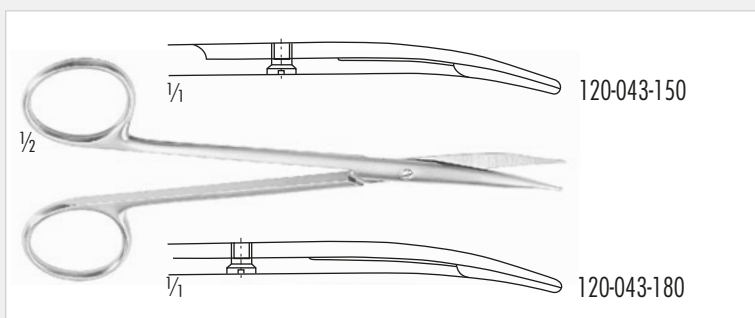
120-058-140 gerade / straight

120-059-140 gebogen / curved

JOSEPH

Plastischschere, spitz/spitz, 145 mm

Plastic scissors, sharp/sharp, 5 3/4 inch



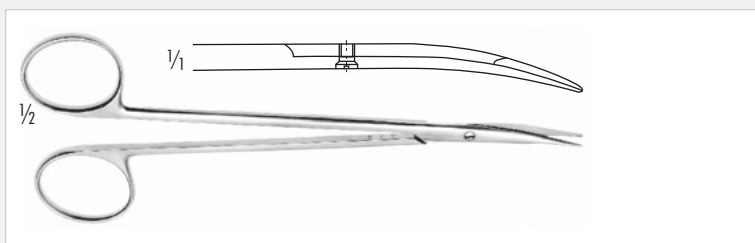
120-043-150 145 mm, 5 3/4 inch

120-043-180 175 mm, 7 inch

REYNOLDS

Präparierschere, delikat, stumpf/stumpf, gebogen

Dissecting scissors, delicate, blunt/blunt, curved

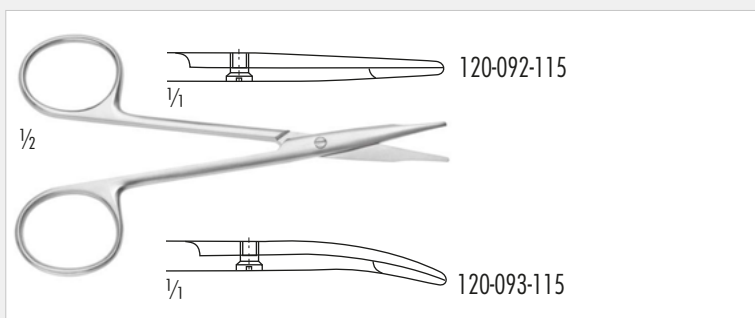


120-315-150

JAMESON

Präparierschere, delikat, stumpf/stumpf, gebogen, 150 mm

Dissecting scissors, delicate, blunt/blunt, curved, 6 inch



120-092-115 gerade, stumpf/stumpf

straight, blunt/blunt

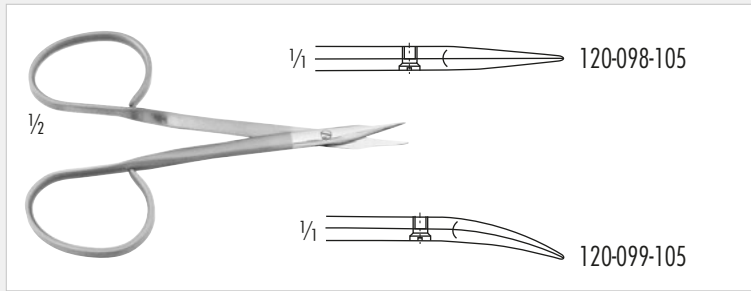
120-093-115 gebogen, stumpf/stumpf

curved, blunt/blunt

STEVENS

Gefäß- und Sehnenschere, 110 mm

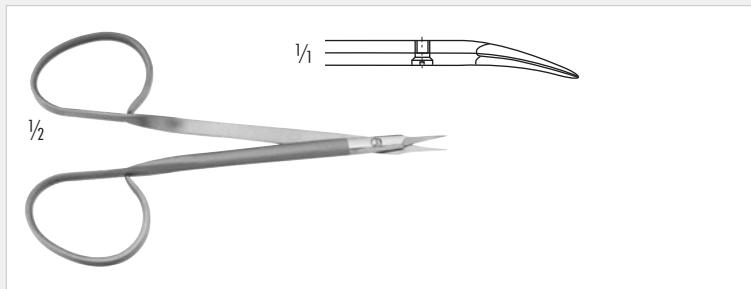
Vessel and tendon scissors, 4 3/8 inch



120-098-105 gerade / straight
120-099-105 gebogen / curved

STEVENS

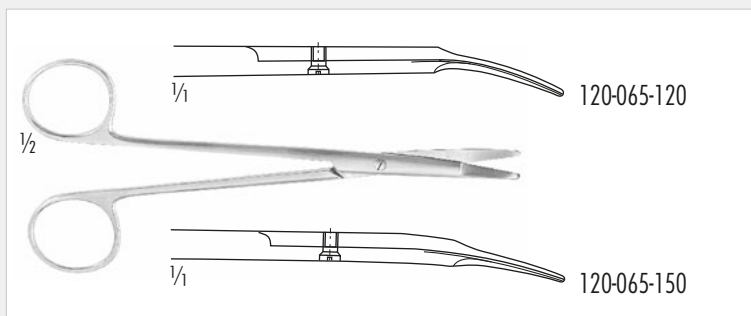
Gefäß- und Sehnenschere, spitz, mit offenem Ring, 100 mm
Vessel and tendon scissors, sharp, with Ribbon handle, 4 inch



120-398-120

STEVENS

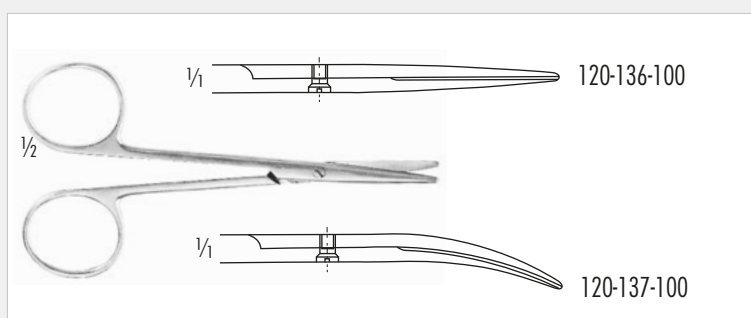
Besonders feine Präparierschere, spitz, leichtes Modell mit offenem Ring, 110 mm
Dissecting scissors, delicate, sharp, light pattern with Ribbon handle, 4 3/8 inch



120-065-120 125 mm, 5 inch
120-065-150 150 mm, 6 inch

KILNER

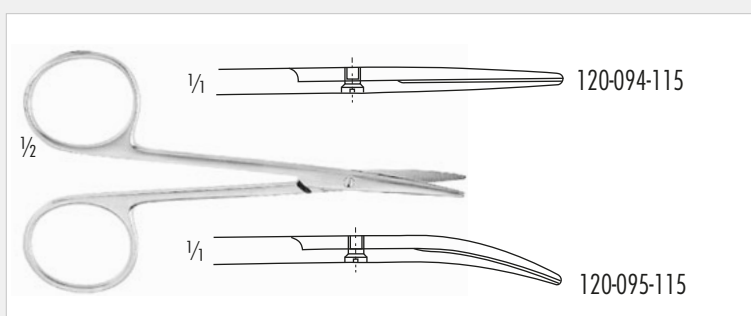
Präparierschere, mit stark abgeflachten Blättern, gebogen, stumpf/stumpf
Dissecting scissors, with bevelled blade, curved, blunt/blunt



120-136-100 gerade / straight
120-137-100 gebogen / curved

COTTLE-KNAPP

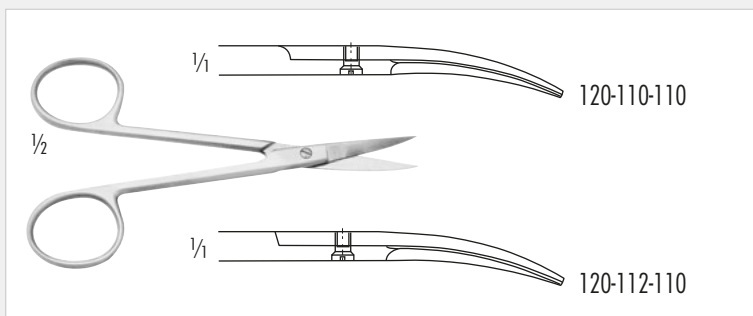
Plastikschere, stumpf/stumpf, 105 mm
Plastic scissors, blunt/blunt, 4 1/8 inch



120-094-115 gerade / straight
120-095-115 gebogen / curved

STRABISMUS

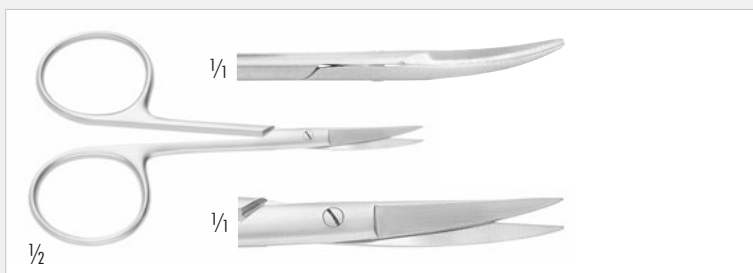
Präparierschere, 115 mm
Dissecting scissors, 4 1/2 inch



120-110-110 spitz/spitz / sharp/sharp
120-112-110 stumpf/stumpf / blunt/blunt

COTTLE-MASING

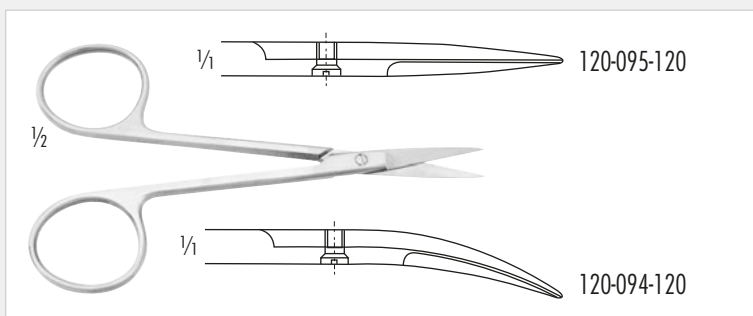
Nasenplastikschere, gebogen, 105 mm
Nasal plastic scissors, curved, 4 1/8 inch



120-081-100

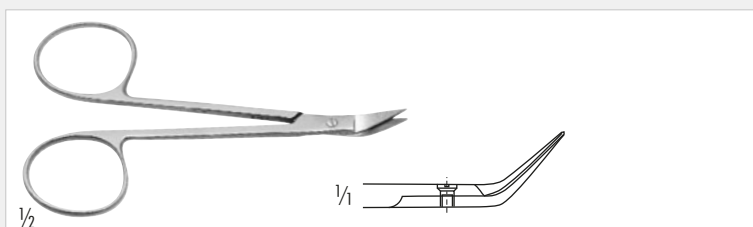
121-081-100 **Super Cut**

Iris Schere, gebogen, mit großen Ringen, 100 mm
Iris scissors, curved, with large handle, 4 inch



120-095-120 gerade/straight
120-094-120 gebogen/curved

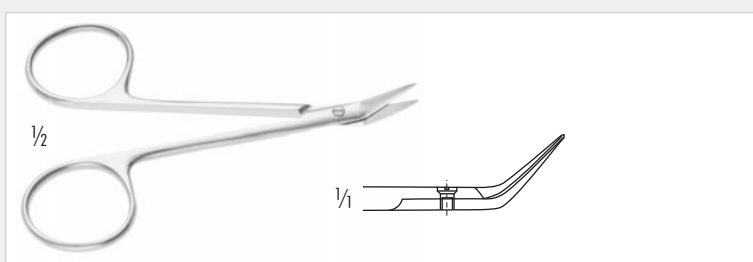
Feine Schere, 115 mm
Delicate scissors, 4 1/2 inch



120-411-090

DANIELS

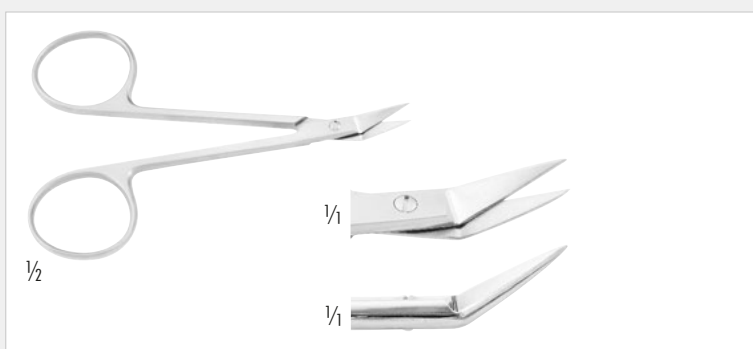
Präparierschere, 40° abgewinkelt, 90 mm
Dissecting scissors, 40° angled, 3 1/2 inch



120-411-105

BIRO

Schere, abgewinkelte Schneide, rundes Maul, 105 mm
Scissors, angled blades, round shape, 4 inch

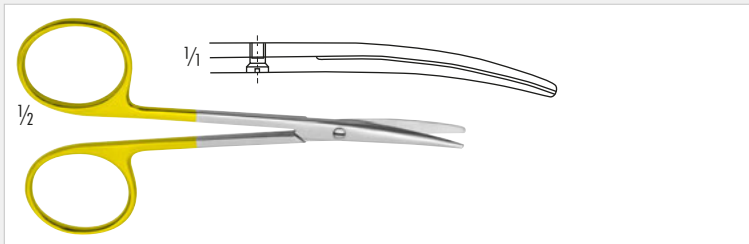


120-511-100

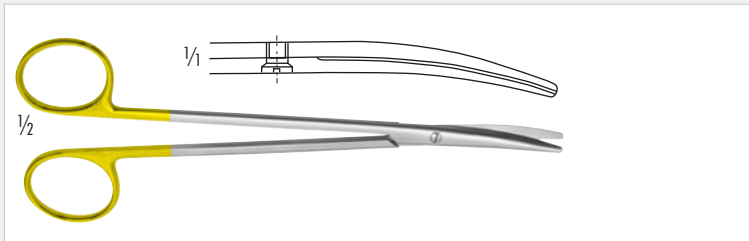
121-511-100 **Super Cut**

CONVERSE

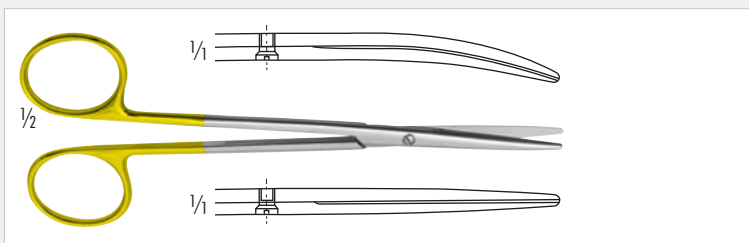
Nasenschere, aufgewinkelte Blätter, spitz/spitz, 104 mm
Nasal scissors, angled up blades, sharp/sharp, 4 1/8 inch



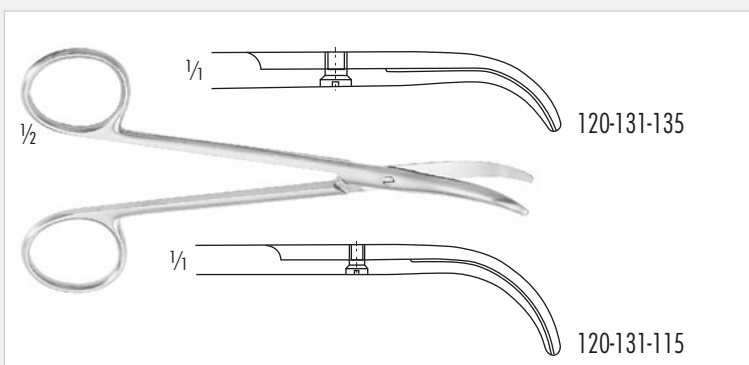
120-595-115
BABY-METZENBAUM
TC Präparierschere, gebogen, 115 mm
TC Dissecting scissors, curved, 4 1/2 inch



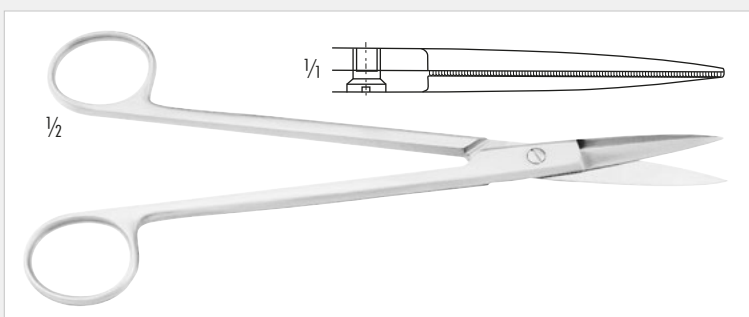
120-511-145
METZENBAUM
TC Präparierschere, Fig 1, gebogen, 145 mm
TC Dissecting scissors, Fig. 1, curved, 5 3/4 inch



120-521-145 gebogen/curved
120-520-145 gerade/straight
METZENBAUM-FINO
TC Präparierschere, stumpf, 145 mm
TC Dissecting scissors, blunt, 5 3/4 inch



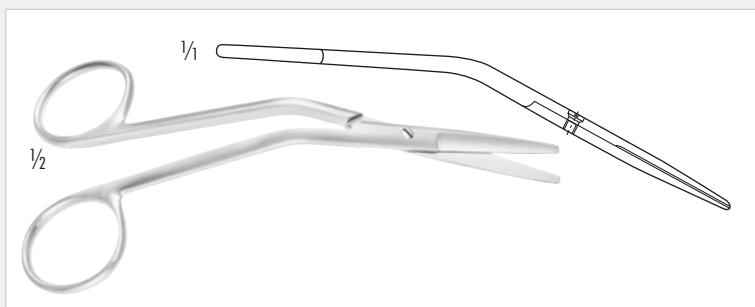
120-131-115 115 mm, 4 1/2 inch
120-131-135 135 mm, 5 1/4 inch
FOMON
Nasenflügelschere, stark gebogen
Lower lateral scissors, strongly curved



120-190-190
MC INDOE
Knorpelschere, mit außen schneidenden Blättern,
spitz/spitz, gerade, gezahnt, 185 mm
Cartilage scissors, straight, serrated blades. Blades: cutting
on both sides, sharp/sharp, 7 1/4 inch



120-281-110 stumpf, 110mm/pointed, 4 3/4 inch
120-281-130 spitz, 130mm/pointed, 5 inch
BEUSE
Nasenschere, leicht gebogen
Nasal Scissors, slightly curved

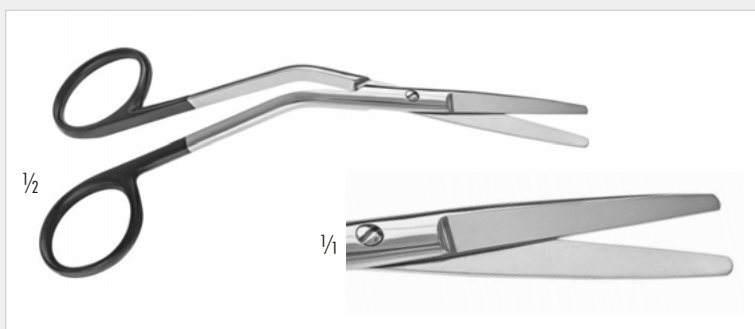


120-280-150

FOMON

Nasenschere, beide Schneiden gezahnt, kniegebogen, stumpf/stumpf, 145 mm

Dorsal scissors, straight, serrated blades, knee bent, blunt/blunt, 5 3/4 inch



121-280-145

FOMON

SC Nasenschere, kniegebogen, ein gezahntes Blatt, 145 mm

SC Dorsal scissors, knee bent, one serrated blade, 5 3/4 inch



120-281-160

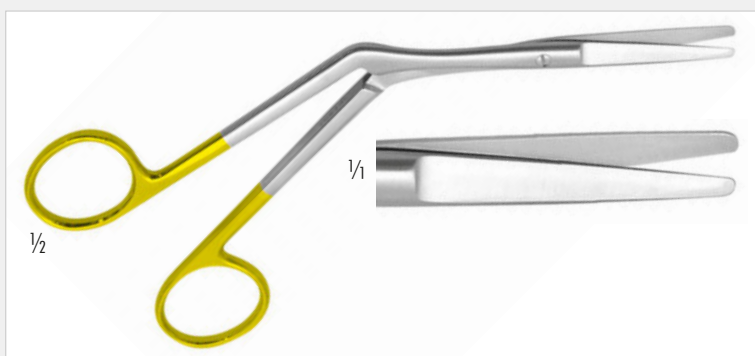
121-281-160 **Super-Cut**

120-581-160 **TC**

COTTLE

Nasenschere, kniegebogen, stumpf/stumpf, 165 mm

Dorsal scissors, straight blades, knee bent, blunt/blunt, 6 1/2 inch

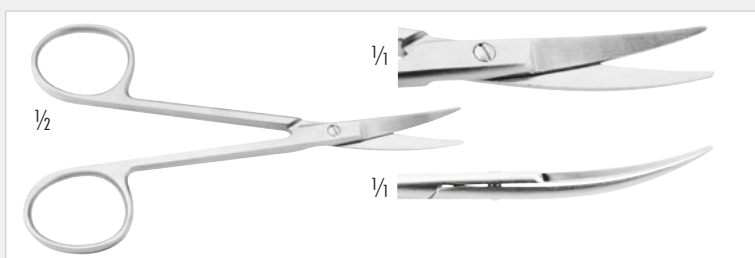


120-585-180

KNIGHT

TC Nasenschere, 180 mm

TC Nasal Scissors, 7 inch

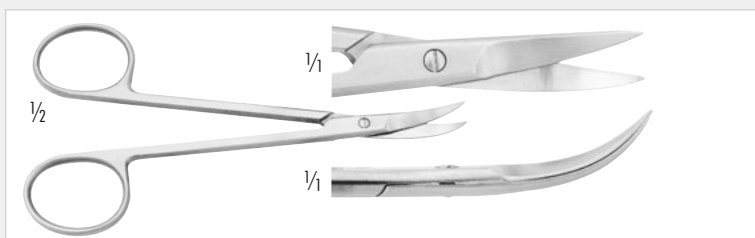


120-379-115

COTTLE

Bulldog-Schere, stumpf/stumpf, 115 mm

Bulldog scissors, blunt/blunt, 4 1/2 inch



120-053-115

CHADWICK

Schere, gebogen, spitz, 115 mm

Scissors, curved, sharp, 4 1/2 inch



1/2

420-730-085

COTTLE

Columella-Pinsette für Kinder, mit Stellschraube
Columella clamp for children, with adjusting screw

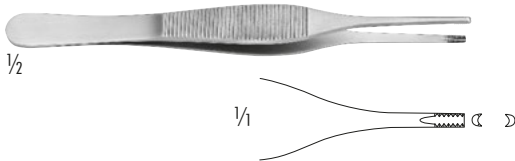


1/2

420-730-100

COTTLE

Columella-Pinsette, mit feststehenden Fixierrollen und Stellschraube, 100 mm
Columella clamp, with fixation bearings and adjusting screw, 4 inch



1/2

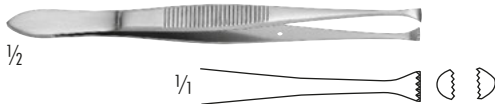
1/1

130-552-120 120mm, 4 3/4 inch

130-552-150 150mm, 6 inch

ADSON-BRAUN

Wundrandpinsette, 7x7 Zähne
Tissue forceps, 7x7 teeth



1/2

1/1

400-025-110

GRAEFE

Hautfasspinsette, mit scharfen Zähnen, 110 mm
Tissue forceps, with sharp teeth, 4 3/8 inch

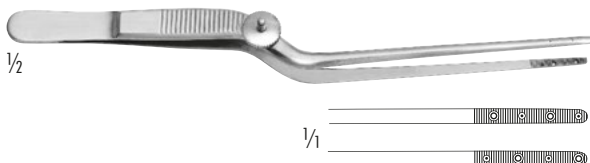


1/2

130-558-150

GLANZ

Pinzette atraumatisch, 150 mm
Atraumatic tissue forceps, 6 inch



1/2

1/1

420-732-155

COTTLE

Fixierpinzette, mit Stellschraube, bajonettförmig, gerieft mit Zähnen, 155 mm
Lower lateral forceps, with adjusting screws, bayonet shaped, serrated with teeth, 6 inch



1/2

290-552-160

DEBAKEY

Atraumatische Pinzette, gerade, 2 mm Spitze, 160 mm
Atraumatic forceps, straight, 2 mm tip, 6 1/4 inch



1/2

420-733-155

MICRO-ADSON-BIEMER

Chirurgische Pinzette, 5 x 6 Zähne, bajonettförmig, 155 mm
Tissue forceps, 5 x 6 teeth, bayonet shaped, 6 inch

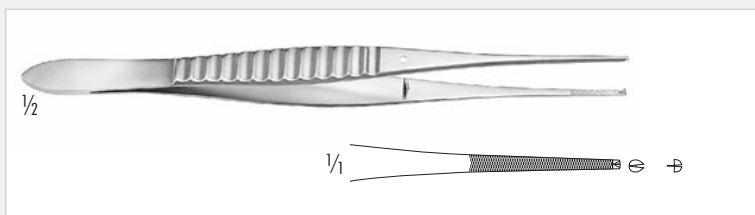


1/2

410-247-165

SHEEN

Nasenpinzette mit 6mm Löffel, bajonett gebogen, 165mm
Nasal Forceps with 6mm spoon, bayonet shape, 6 1/2 inch

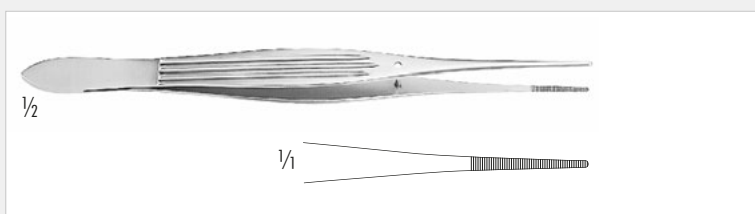


130-120-150

GILLIES

Chirurgische Pinzette, 1 x 2 Zähne, 160 mm

Tissue forceps, 1 x 2 teeth, 6 1/4 inch



130-028-150

MC INDOE

Anatomische Pinzette, 150 mm

Dissecting forceps, 6 inch



130-500-100 gerade/straight

130-501-100 gebogen/curved

GRAEFE

Feine anatomische Pinzette, 100 mm

Delicate dressing forceps, 4 inch



130-503-100 gerade/straight

130-504-100 gebogen/curved

GRAEFE

Chirurgische Pinzette, 1 x 2 Zähne, 100 mm

Tissue forceps, 1 x 2 teeth, 4 inch



130-144-125

SEMKEN

Anatomische Pinzette, 125 mm

Dressing forceps, 5 inch



130-145-125

SEMKEN

Chirurgische Pinzette, 1 x 2 Zähne, 125 mm

Tissue forceps, 1 x 2 teeth, 5 inch

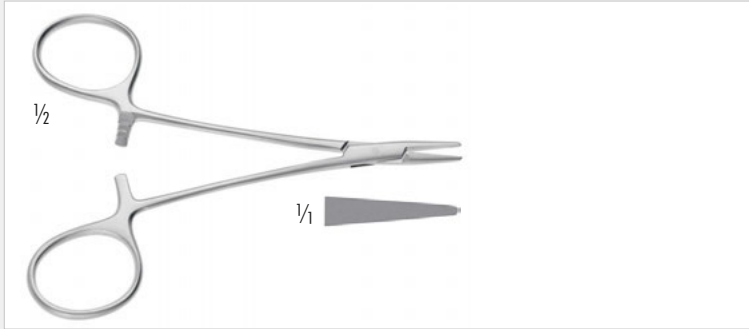


400-137-050

CASTROVIEJO

Nahtpinzette mit Fadenplatte, 0,5 mm, 1 x 2 Zähne, 100 mm

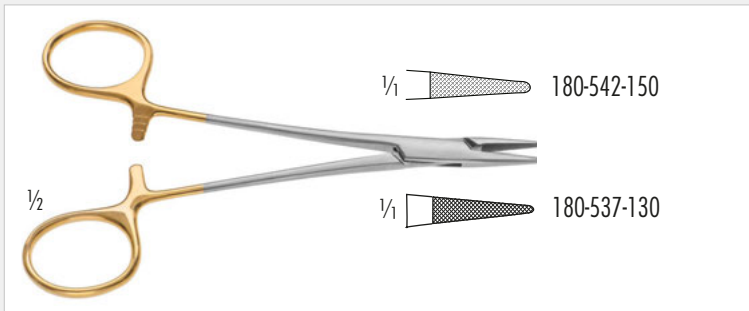
Suture forceps with tying platform, 0.5 mm, 1 x 2 teeth, 4 inch



180-318-110

WEBSTER

Nadelhalter, sehr fein, glattes Maul, 110 mm
Needle holder, very delicate, smooth jaw, 4 1/4 inch



180-542-150

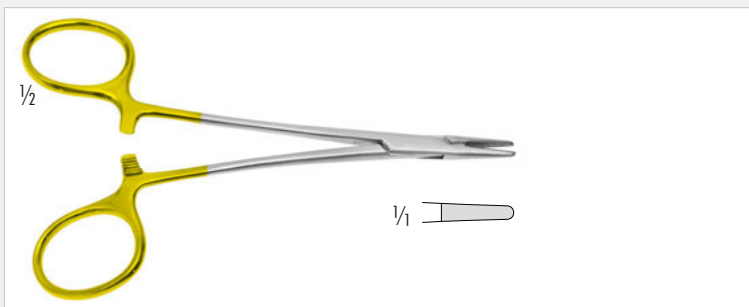
BABY-CRILE-WOOD

TC Nadelhalter, 150 mm
TC Needle holder, 6 inch

180-537-130

HALSEY

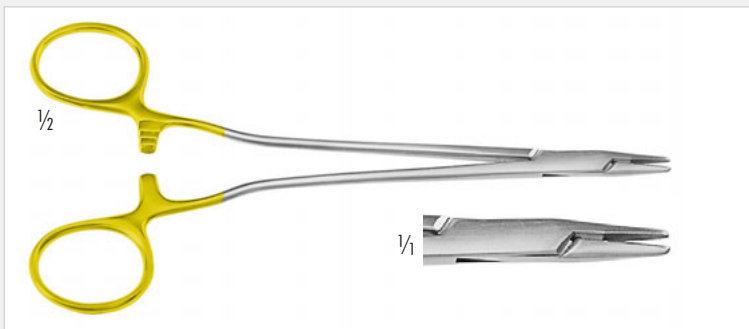
TC Nadelhalter, 130 mm
TC Needle holder, 5 1/8 inch



180-533-130

NEIVERT

TC Nadelhalter, 130 mm
TC Needle holder, 5 1/8 inch



180-531-150 150 mm/6 inch

180-531-170 170 mm/6 3/4 inch

SENNING

TC Nadelhalter, durch seine schlanke Form besonders für tiefe Nähte bei rhinoplastischen Operationen geeignet, 170 mm
TC Needle holder, used for suturing in rhinoplastic surgery, 6 3/4 inch



180-588-150

MINI-GILLIES

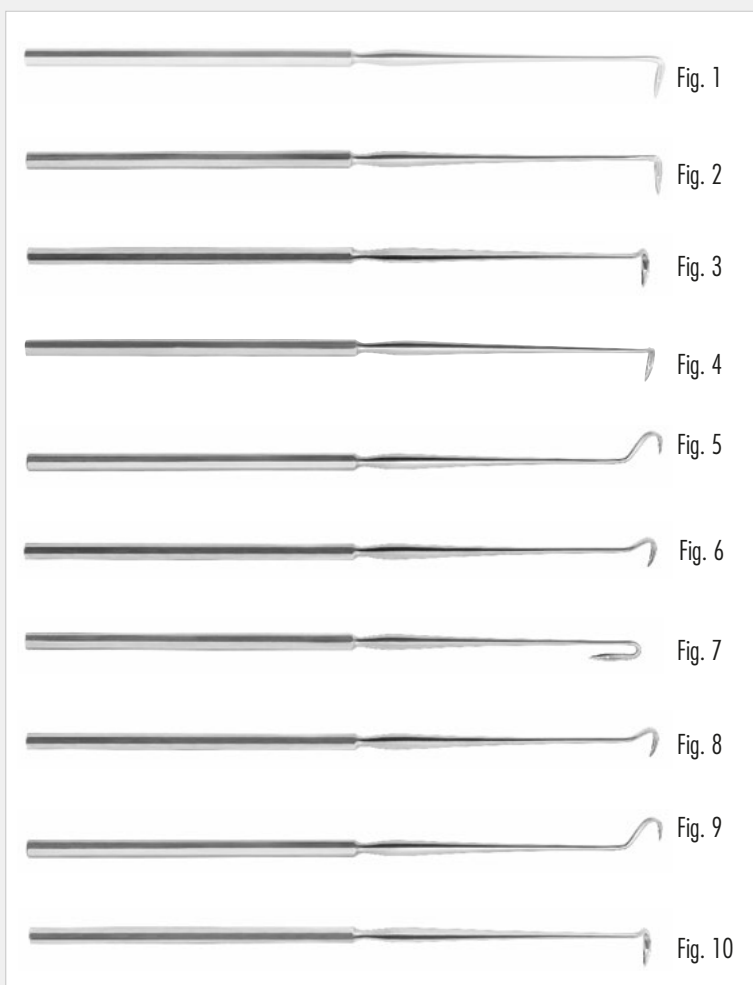
TC Nadelhalter, 150 mm
TC Needle holder, 6 inch



250-264-246

JACOBSON

Mikro Nadelhalter, Rundgriff, gerade, mit Sperre, diamantiertes Maul, 185 mm
Micro Needle holder, round handle, straight, with catch, diamond dusted jaws, 7 1/4 inch



- 420-555-001 Fig. 1
 420-555-002 Fig. 2
 420-555-003 Fig. 3
 420-555-004 Fig. 4
 420-555-005 Fig. 5
 420-555-006 Fig. 6
 420-555-007 Fig. 7
 420-555-008 Fig. 8
 420-555-009 Fig. 9
 420-555-010 Fig. 10

YANKAUER

Septumnadel, 200 mm

Septum needle, 8 inch



420-390-200

Knorpelritzzange mit abnehmbarem einseitigem Schutz für rechts und links sowie ohne Schutz für ein gleichzeitiges Einritzen beider Knorpelseiten, 200 mm

Cartilage morcelizer forceps with removable guard, converts cartilage into a membranous-like structure, permitting repositioning of the septum to midline, 8 inch



420-189-210

GOLDMANN

Nasenfraktureufrichter, runde Form, 200 mm

Septum elevator, round (displacer), 8 inch



420-557-170

BOIES

Elevator zur Reposition von Nasenbeinbrüchen, 170 mm

Elevator for septum repositioning, 6 3/4 inch

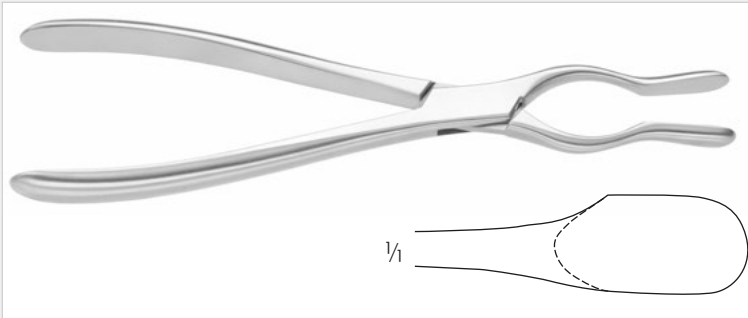


420-555-195

BOIES

Nasenfrakturelevator, 9 mm breite Spitze, 195 mm

Nasal fracture elevator, 9 mm wide tip, 7 3/4 inch

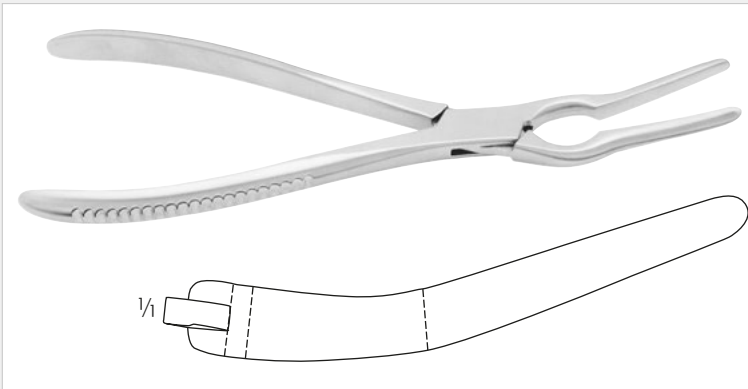


420-450-230

COTTLE-WALSHAM

Septumrichtzange mit aseptischem Schluß, 220 mm

Septum straightening forceps, with aseptic lock, 8 3/4 inch

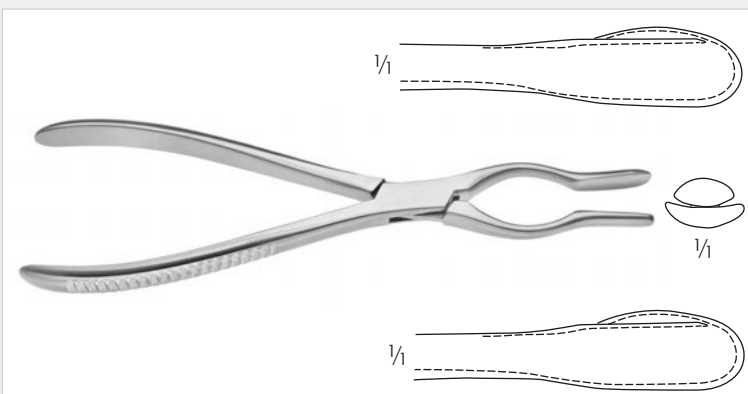


420-455-230

ASH

Septumrichtzange, 220 mm

Septum straightening forceps, 8 3/4 inch



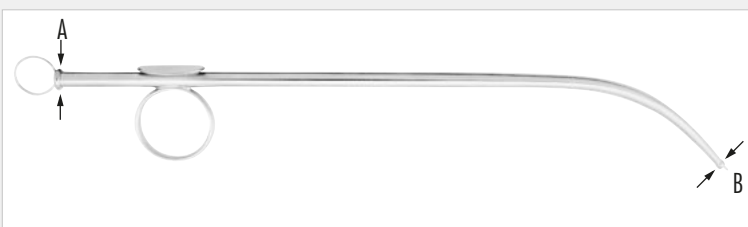
420-452-230 für rechts/right

420-451-230 für links/left

WALSHAM

Septumrichtzange, 210 mm

Septum straightening forceps, 8 1/4 inch



Ø A

Ø B

410-404-030 3,6 mm

3,0 mm

410-404-035 4,0 mm

3,5 mm

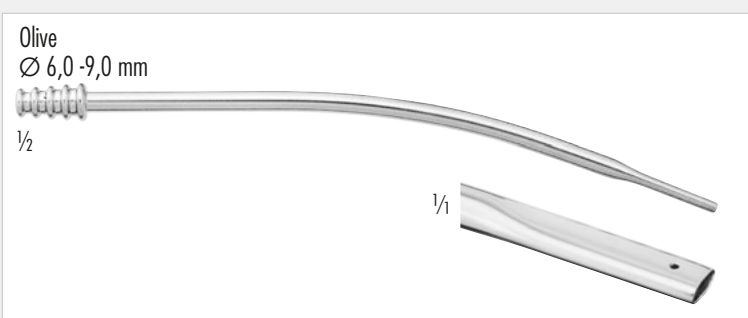
410-404-040 4,5 mm

4,0 mm

MAGILL

Saugkanülen, 245 mm

Suction tube, 9 3/4 inch



Olive

Ø 6,0 -9,0 mm

1/2

1/1

165-064-160 Ø 5 mm

Nasensaugrohr, LUER-Bohrung, Spitze 6,5 mm breit, 180 mm

Nasal suction tube, with LUER, tip 6,5 mm wide, 7 inch

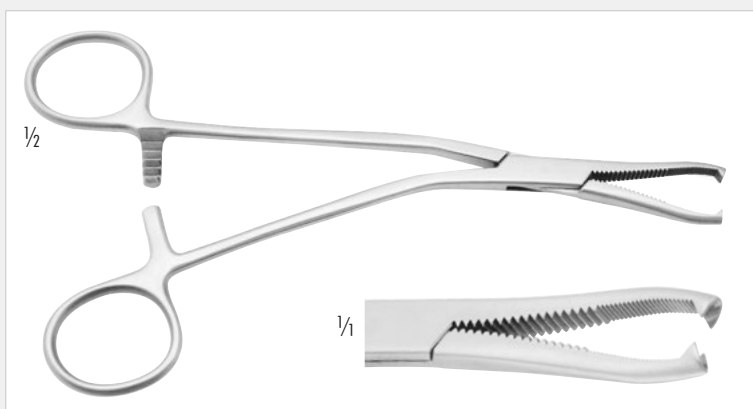


290-137-270

GIERTZ-STILLE

Rippenschere, mit Doppelübersetzung, 250 mm

Rib shear, double action, 10 inch



210-626-190

DINGMANN

Knochenhaltezeange, 185 mm

Bone holding forceps, 7 1/4 inch



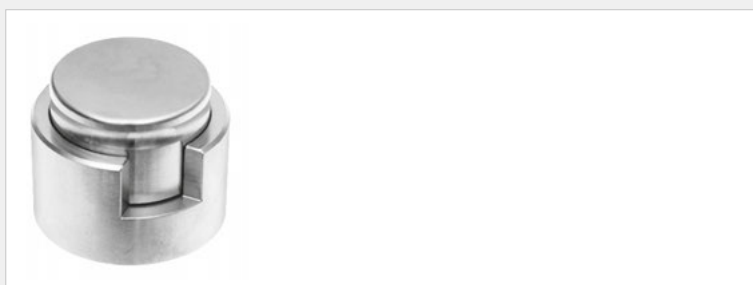
420-365-000 28mm breit/28mm wide

420-365-050 50mm breit/50mm wide

COTTLE

Knochen-Knorpelquetsche mit Metallklammer, zum Entnehmen der Knochen-Knorpeltrümmer

Bone crusher, for preparation of cartilage implant material, complete with clamp



420-366-000

TOLSDORF

Knorpelquetsche, Innenteil gezahnt, Außenteil innen glatt

40mm Innen-Durchmesser

Bone crusher, inner part serrated, outer part bottom plain

40mm inner diameter



420-367-000

85 x 55 mm

Kunststoffplatte, zur Bearbeitung der Knochentransplantate, dampfsterilisierbar

Plastic plate, for preparation of bone grafts, autoclavable



- 230-202-000 gerade/straight
 230-202-001 bajonettförmig, links gebogen
 bayonet shaped, curved to the left
 230-202-002 bajonettförmig, rechts gebogen
 bayonet shaped, curved to the right

JOSEPH

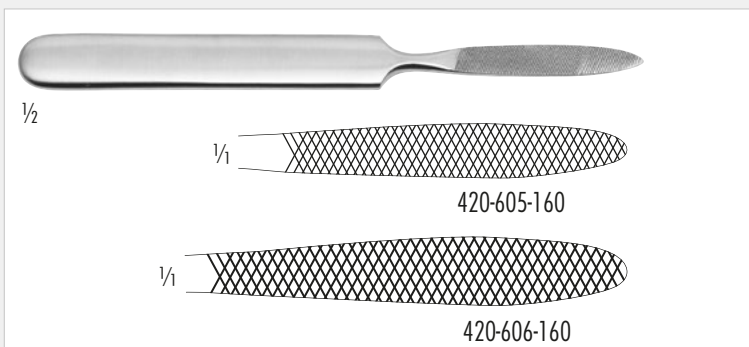
Nasensäge, 170 mm
 Nasal saw, 6 3/4 inch



- 230-211-170 links abgewinkelt/left angled
 230-210-170 rechts abgewinkelt/right angled

JOSEPH

Nasensäge, 170 mm
 Nasal saw, 6 3/4 inch



- 420-605-160 fein kariert/fine cross-serrated
 420-606-160 grob kariert/coarse cross-serrated

JOSEPH

Raspel, zum Füllen von nasalen Knochen, 165 mm
 Rasp, for filling nasal bone material, 6 1/2 inch



420-653-180

MALTZ

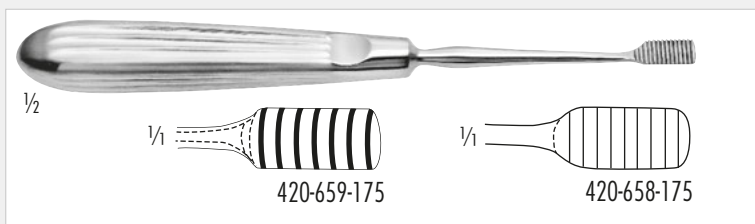
Nasen-Raspel, 90° quer gerieft, auf Zug schneidend, 180 mm
 Nasal rasp, 90° cross-serrated, teeth set to cut on down stroke, 7 inch



420-650-001

AUFRICHT

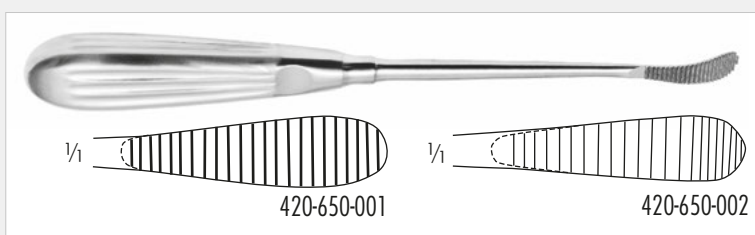
Nasen-Raspel, 90° quer gerieft, auf Zug schneidend, 220 mm
 Nasal rasp, 90° cross-serrated, teeth set to cut on down stroke, 8 3/4 inch



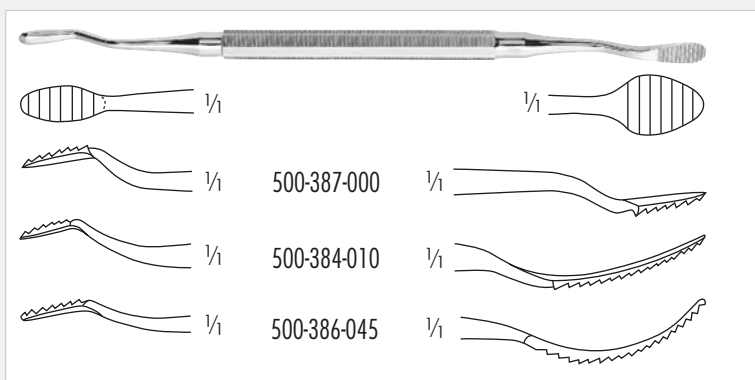
420-658-175 feine Zahnung/fine teeth
420-659-175 grobe Zahnung/coarse teeth
LEWIS
Raspel, 8 mm, 90° quer gerieft, auf Zug schneidend
Rasp, 8 mm, 90° cross serrated, set to cut on down stroke



420-658-210 9x25mm
PECK-PARK
Raspel, 16 Zähne, 210mm
Raspatory, 16 teeth, 8 1/4 inch



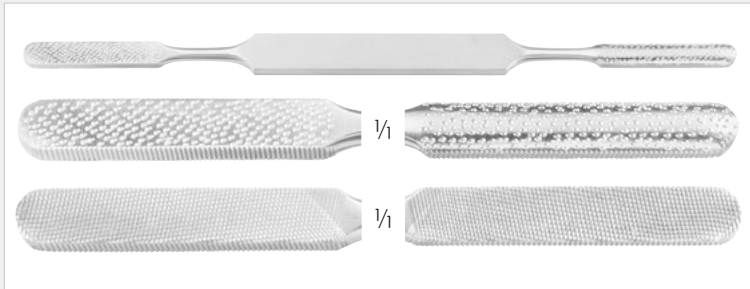
420-650-002 auf Druck schneidend/set to cut on up stroke
420-650-001 auf Zug schneidend/set to cut on down stroke
AUFRICHT
Raspel, 9 mm, 90° quer gerieft, 220 mm
Rasp, 9 mm, 90° cross-serrated, 8 3/4 inch



500-387-000
500-384-010
500-386-045
MILLER
Doppelraspel, 90° quer gerieft, auf Zug schneidend, 180 mm
Rasp, double-ended, 90° cross-serrated, set to cut on down stroke, 7 inch



420-662-001 grob/coarse
420-662-002 fein/fine
FOMON
Nasenraspel, sehr leicht
Nasal rasp, lightweight



420-661-100

FOMON

Doppelraspel, Vorderseite grob, Rückseite fein, 215 mm

Rasp, double-ended, frontside coarse teeth, backside fine, 8 1/2 inch

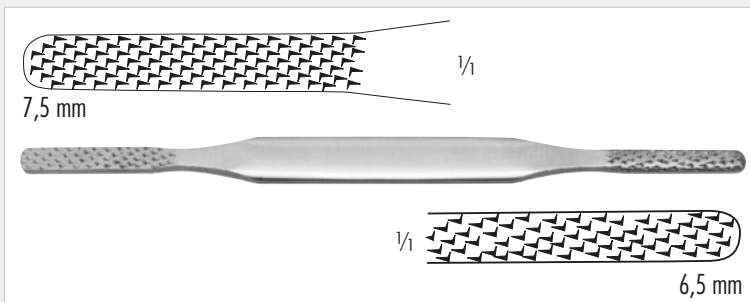


420-656-000

KLEINERT-KUTZ

Nasenraspel, doppelendig, 4-seitig, 220mm

Nasal rasp, double-ended, 4-sided, 8 3/4 inch

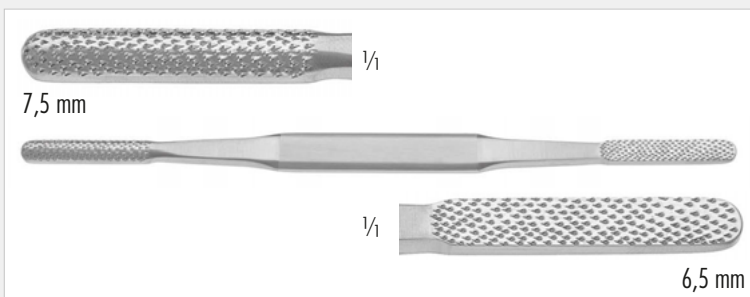


420-660-000

FOMON

Doppelraspel, grobe Zahnung, 215 mm

Rasp, double-ended, coarse teeth, 8 1/2 inch

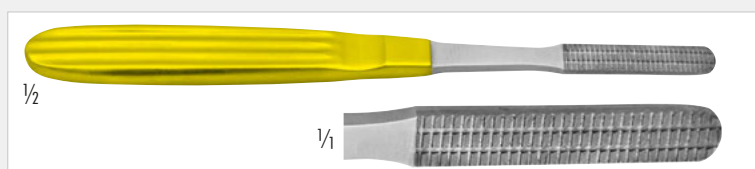
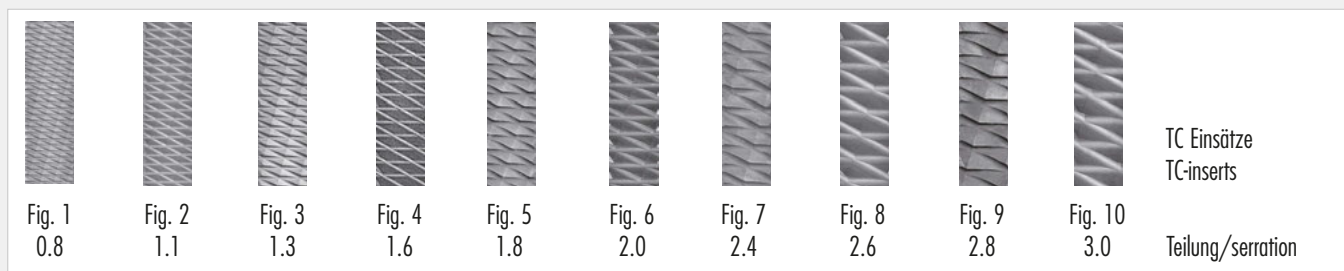


420-661-000

FOMON

Doppelraspel, feine Zahnung, 215 mm

Rasp, double-ended, fine teeth, 8 1/2 inch

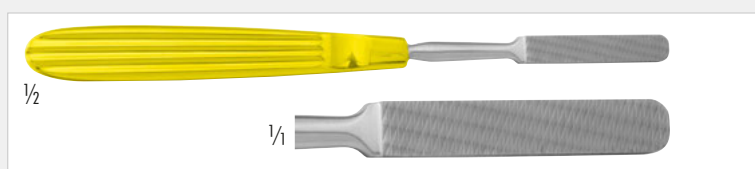


420-672-000

MALTZ

TC Nasenraspel, gerade, auf Zug schneidend, 180 mm

TC Nasal rasp, straight, reverse, 7 inch



420-492-165 Fig. 2

420-493-165 Fig. 3

MALTZ

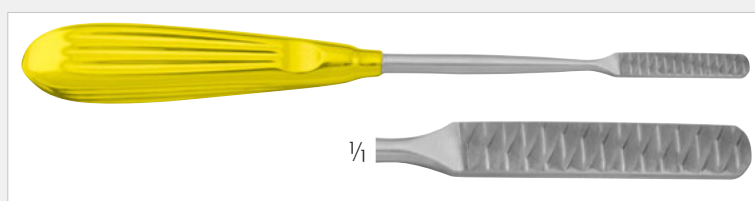
TC Nasenraspel, 170 mm

TC Nasal rasp, 6 2/3 inch

420-494-165 Fig. 4

420-495-165 Fig. 5

420-496-165 Fig. 6



420-490-210 Fig. 1

420-491-210 Fig. 2

420-492-210 Fig. 3

420-493-210 Fig. 4

420-494-210 Fig. 5

420-495-210 Fig. 6

420-496-210 Fig. 7

420-497-210 Fig. 8

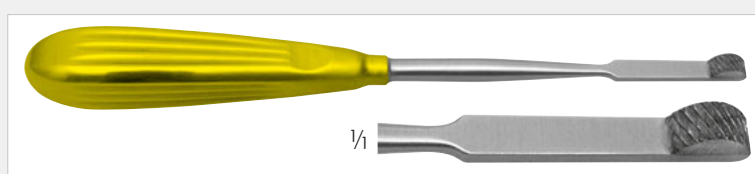
420-498-210 Fig. 9

420-499-210 Fig. 10

PARKES

TC Raspel, 8 x 39 mm, gerade, 210 mm

TC Rasp, 8 x 39 mm, straight, 8 1/4 inch

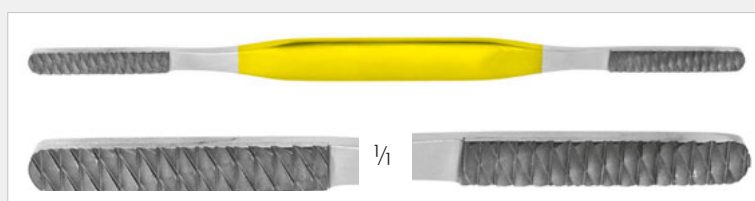


420-669-210

GLABELLA

TC Raspel, mittel, 210 mm

TC Rasp, medium, 8 1/4 inch



420-660-214 Fig. 3/ Fig. 4

420-660-216 Fig. 5/ Fig. 6

420-660-218 Fig. 7/ Fig. 8

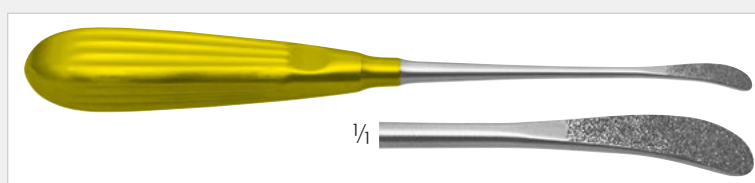
420-660-219 Fig. 1/ Fig. 2

420-660-220 Fig. 9/ Fig. 10

FOMON

TC Nasenraspel, doppelendig, 7 x 40 mm, 210 mm

TC Nasal Rasp, double ended, 7 x 40 mm, 8 1/4 inch

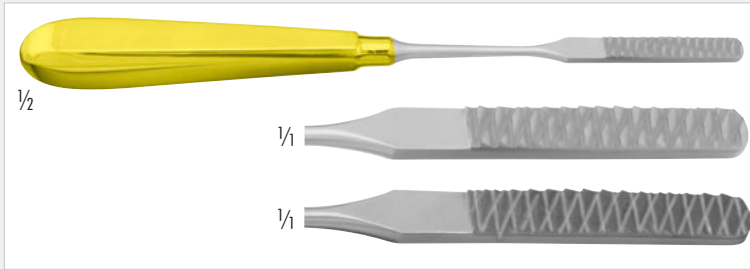


420-650-101

AUFRIECHT

Nasenraspel, fein, gebogen, RZ diamantiert, 7 x 25 mm, 200 mm

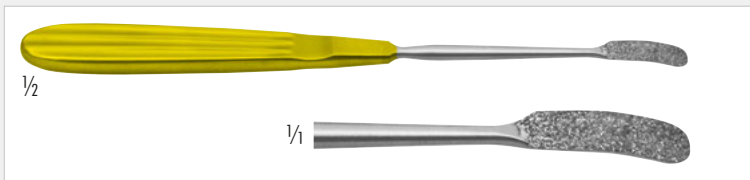
Rasp, fine, curved, RZ diamond tip, 7 x 25 mm, 8 inch



420-480-200 fein
420-488-200 grob

ASTON

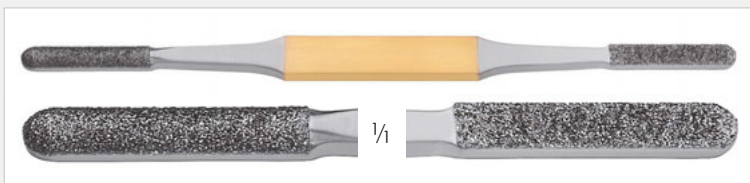
Nasenraspel, 200 mm
Nasal rasp, 8 inch



420-650-100

PEET-COTTLE

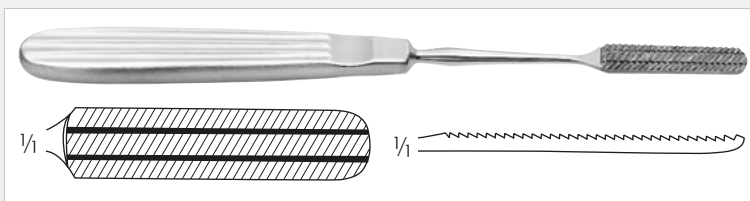
Nasenraspel, gebogen, RZ diamantiert, 175 mm
Nasal rasp, curved, RZ diamond tip, 7 inch



420-653-000

FOMON

Raspel, doppelendig, RZ diamantiert, grob,
convex/flach, 7 x 40 mm, 210 mm
Rasp, double ended, coarse RZ diamond tip,
convex on flat, 7 x 40 mm, 8 1/4 inch



420-628-254

RUBIN

Nasenraspel, 30% schräg, konkav, 200 mm
Nasal rasp, 30% oblique, concave, 8 inch



420-654-180 auf Zug/backward cutting

420-657-180 auf Druck/forward cutting

ORIGINAL MALTZ

Nasenraspel, gerade, 180 mm
Nasal rasp, straight, 7 inch



420-655-180

MCINDOE

Nasenraspel, auf Zug, gerade, 180 mm
Nasal rasp, backward cutting, 7 inch



420-756-180

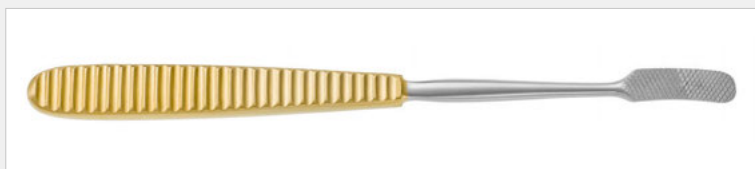
BARKY-GLABELLA

Nasenraspel, auf Zug, gerade, 175 mm
Nasal rasp, backward cutting, 7 inch



260-500-001

Reinigungsbürste für TC Rasps
Cleaning brushes for TC rasps



420-700-400

NOLST TRENITÉ

Glabella Raspel, 8mm breit, 185mm

Glabella Rasp, 8mm wide, 185mm



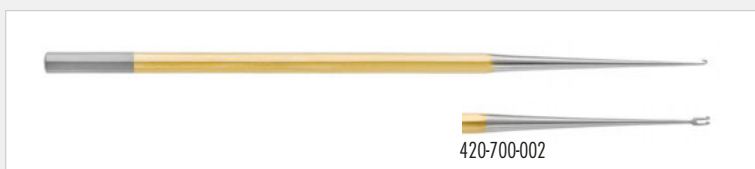
420-700-501 medium

420-700-502 medium/fine

NOLST TRENITÉ

Nasen Raspel, doppelendig, TC Einsätze, 200mm

Nasal Rasp, double ended, TC Inserts, 200mm



420-700-001 1 Zahn / 1 prong

420-700-002 2 Zähne / 2 prongs

NOLST TRENITÉ

Mikro Hauthäkchen, 155mm

Micro Skin Hook, 155mm



420-700-210

NOLST TRENITÉ

Mikro Hauthäkchen, 2 Zähne, 10mm breit

Micro Skin Hook, 2 prongs, 10mm wide



420-700-200

NOLST TRENITÉ

Aufricht Nasen Retraktor, 160mm

Aufricht Nasal Retractor, 160mm



420-700-020 2.0mm

420-700-025 2.5mm

420-700-030 3.0mm

420-700-040 4.0mm

420-700-060 6.0mm

NOLST TRENITÉ

Mikro Osteotom

Micro Osteotome



420-700-022 2.2mm
 420-700-023 3.0mm
 420-700-024 4.0mm
NOLST TRENTÉ
 Mikro Osteotom mit Schutz
 Micro Osteotome with guard



420-700-100 10mm
 420-700-120 12mm
 420-700-140 14mm
 420-700-160 16mm
 420-700-180 18mm
NOLST TRENTÉ
 Osteotom
 Osteotome



420-700-610 gerade / straight
 420-700-611 gebogen / curved
NOLST TRENTÉ
 Rhinoplastik Schere, spitz 100mm
 Rhinoplasty Scissors, sharp, 100mm



420-700-340
NOLST TRENTÉ
 Plastik Schere, Kilner Ausführung, 140mm
 Dissecting Scissors, Kilner type, 140mm



420-700-620
NOLST TRENTÉ
 Gewinkelte Schere, Walter Ausführung, 100mm
 Angled Scissors, Walter type, 100mm



420-700-630

NOLST TRENITÉ

Chirurgische Pinzette mit seitlichen Zähnen, Adson-Brown Ausführung, 120mm

Tissue Forceps, side grasping teeth, Adson-Brown type, 120mm

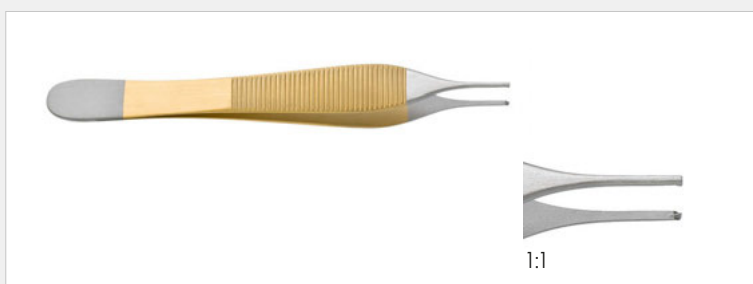


420-700-640

NOLST TRENITÉ

Anatomische Pinzette, Adson-Ausführung, 120mm

Dressing Forceps, Adson type, 120mm



420-700-650

NOLST TRENITÉ

Chirurgische Pinzette, Adson-Ausführung, 120mm

Tissue Forceps, Adson type, 120mm



420-700-330

NOLST TRENITÉ

Nadelhalter mit TC Einsätzen, Hasley Ausführung, 130mm

Needle Holder, TC Inserts, Hasley Type, 130mm



420-700-700

NOLST TRENITÉ

Nasal Forceps, delicate, Blakesley type, 3.5mm, 85mm
Nasenzange, zart, Blakesley-Ausführung, 3,5mm, 85mm



420-700-888

NOLST TRENITÉ

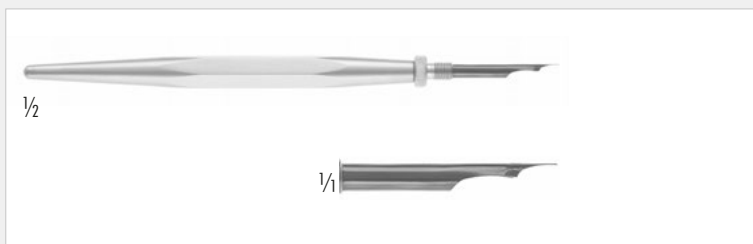
Hammer, Cottle Ausführung
Mallet, Cottle type



420-700-777

NOLST TRENITÉ

Knorpelquetscher, Cottle Ausführung
Cartilage Crusher, Cottle type



420-832-145

ECKHOFF

Hautmarkierstift, mit versenkbarer Spitze, verchromt,
zum Schutz während der Sterilisation

Skin marking pen, with reversible holder for point,
chromium plated

420-832-001

Ersatzfeder

Spare nib



400-832-100

Einmal-Markierer, Packung mit 10 Stück

Sterile packed marking pen, box of 10 pieces



400-421-000

JAMESON

Zirkel mit Schlußschraube, graduert, 0 - 80 mm

Caliper with locking screw, graduated, 0 - 80 mm



400-420-100

THORPE

Zirkel, mit Schlußschraube, 0-80 mm

Caliper, with locking screw, 0-80 mm



400-583-005

Meßbereich/measuring range 0 - 15 mm

400-583-007

Meßbereich/measuring range 0 - 20 mm

400-583-008

Meßbereich/measuring range 0 - 40 mm

CASTROVIEJO

Hautmeßzirkel, 85mm

Caliper, 3 1/3 inch

400-583-009

CASTROVIEJO

Hautmeßzirkel, Meßbereich 0 - 20 mm, abgewinkelte Spitze, 70mm

Caliper, measuring range 0 - 20 mm, angled tip, 2 3/4 inch

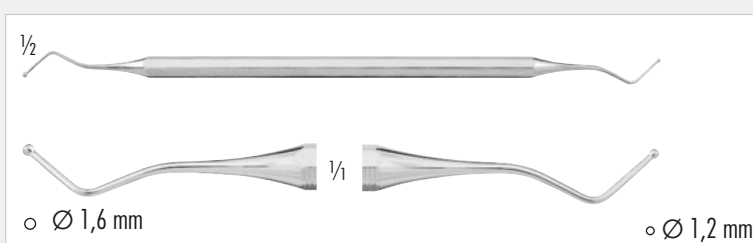


100-418-150 150mm, 6 inch

100-418-200 200mm, 8 inch

Lineal, mit mm und inch Markierung

Ruler, with mm and inch markings



500-270-002

Tamponaden-Stopfer, doppelt, Ø 1,6/1,2 mm, 170 mm

Dressing plugger, double-ended, Ø 1.6/1.2 mm, 6 3/4 inch



140-254-125 gerade/straight
 140-255-125 gebogen/curved
HALSTED-MOSQUITO
 Arterienklemme, 125 mm
 Hemostatic forceps, 5 inch



140-256-125 gerade/straight
 140-257-125 gebogen/curved
HALSTED-MOSQUITO
 Arterienklemme, 1 x 2 Zähne, 125 mm
 Hemostatic forceps, 1 x 2 teeth, 5 inch



140-280-140 gerade/straight
 140-281-140 gebogen/curved
KELLY
 Arterienklemme, gerieft, 140 mm
 Hemostatic forceps, serrated, 5 1/2 inch



140-290-140 gerade/straight
 140-291-140 gebogen/curved
CRILE (FRASER-KELLY)
 Arterienklemme, 140 mm
 Hemostatic forceps, 5 1/2 inch



165-855-020 3 ml
165-855-050 5 ml
165-855-100 10 ml

Spritze komplett
Syringe complete



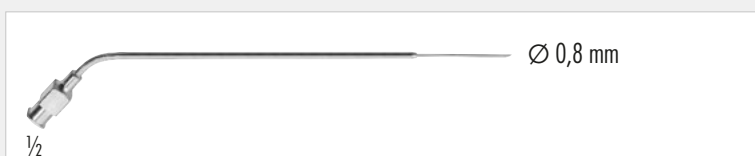
165-856-020 3 ml
165-856-050 5 ml
165-856-100 10 ml

Glaszylinder, allein
Glas cylinder, only



252-005-170

Tonsillenkanüle, gerade, mit LUER-Lock-Ansatz, 160 mm
Tonsil needle, straight, with LUER-lock attachment, 6 1/4 inch



252-003-170

Septumkanüle, abgewinkelt, mit LUER-Lock Ansatz, 160 mm
Septum needle, angled, with LUER-lock attachment, 6 1/4 inch



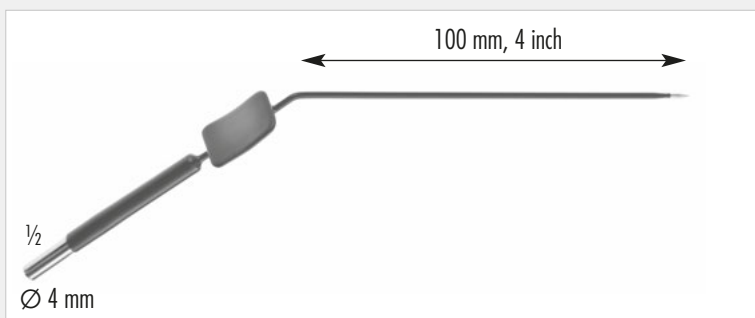
252-004-170

Tonsillenkanüle, abgewinkelte Spitze, mit LUER-Lock-Ansatz
Tonsil needle, angled tip, with LUER-lock attachment



252-001-170

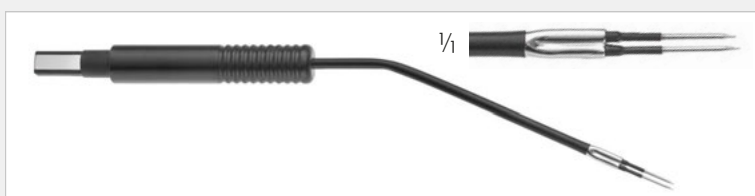
Septumkanüle, bajonettförmig gebogen, mit LUER-Lock Ansatz, 100 mm
Septum needle, bayonet-shaped, with LUER-lock attachment, 4 inch



252-204-100

ABBEY

Resektionsnadel, **isoliert**, mit monopolarem Anschluß
Sub-mucosal resection needle, **insulated**, with monopolar connector



700-420-002

Bipolare Elektrode für Nase, mit Flachstecker
Bipolar Electrode for Nose, with flat plug



700-801-165

Bipolare Pinzette kniegebogen, spitz, Flachstecker 165mm
Bipolar Forceps angled, pointed, flat-plug square, 6 1/2 inch





NOTES

Lined area for notes.



SINUSCOPY

SINUSCOPY

Instruments and
Equipment for
Sinuscopy



252-015-110 Ø 1,5 mm

252-018-110 Ø 1,8 mm

252-020-110 Ø 2,0 mm

LICHTWITZ-BIER

Kieferhöhlenpunktionskanüle mit Luer-Ansatz, 100 mm
Antrum trocar needle, Luer attachment, 4 inch



252-115-110 Ø 1,5 mm

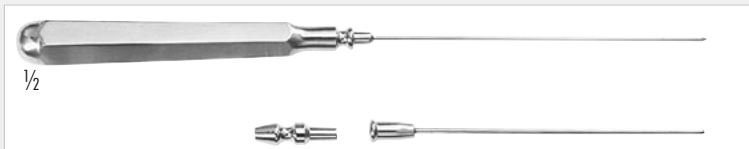
252-118-110 Ø 1,8 mm

252-120-110 Ø 2,0 mm

252-125-110 Ø 2,5 mm

EICKEN

Kieferhöhlenpunktionskanüle mit Luer-Ansatz, 105 mm
Antrum trocar needle, Luer attachment, 4 inch



165-052-018

LICHTWITZ

Kieferhöhlentrokar, Ø 1,8 mm, 180 mm, Arbeitslänge: 85 mm
Antrum trocar, Ø 1.8 mm, 7 inch, working length: 3 1/2 inch



165-152-017 Ø 1,7 mm 165-152-023 Ø 2,3 mm

165-152-020 Ø 2,0 mm 165-152-027 Ø 2,7 mm

TILLEY LICHTWITZ

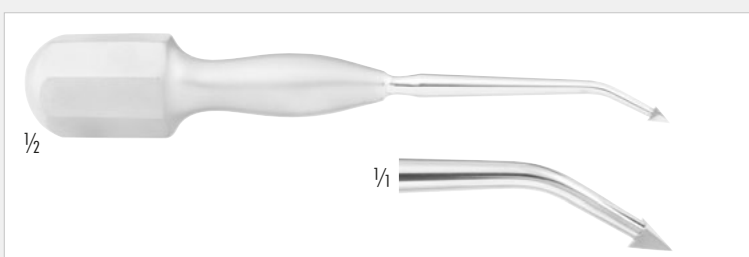
Kieferhöhlentrokar, 185 mm
Antrum trocar, 7 1/4 inch



165-058-225 Ø 3 mm

COAKLEY

Kieferhöhlentrokar mit Spülvorrichtung, 140 mm
Antrum trocar with irrigation, 5 1/2 inch



165-059-170 Ø 4 mm

TILLEY

Harpunentrokar, 170 mm
Harpoon trocar, 6 3/4 inch



252-025-150 außen Ø 2,5 mm/outer Ø 2.5 mm
 252-025-151 außen Ø 3,0 mm/outer Ø 3.0 mm
 252-025-152 außen Ø 4,0 mm/outer Ø 4.0 mm

EICKEN

Kiefernhöhlenspülröhrchen, leicht gebogen, mit zentraler Öffnung und Luer-Ansatz, 130 mm
 Irrigating antrum cannula with central opening, slightly curved, Luer attachment, 5 1/8 inch



252-125-150 außen Ø 2,5 mm/outer Ø 2.5 mm
 252-125-151 außen Ø 3,0 mm/outer Ø 3.0 mm
 252-125-152 außen Ø 4,0 mm/outer Ø 4.0 mm

EICKEN

Kiefernhöhlenspülröhrchen, stark gebogen, mit zentraler Öffnung und Luer-Ansatz, 140 mm
 Irrigating antrum cannula with central opening, strong curved, Luer attachment, 5 1/2 inch



252-225-150 außen Ø 2,5 mm/outer Ø 2.5 mm
 252-225-151 außen Ø 3,0 mm/outer Ø 3.0 mm
 252-225-152 außen Ø 4,0 mm/outer Ø 4.0 mm

EICKEN

Antrum Kanüle, stark gebogen, mit Stoploch im Griff, Arbeitslänge: 150 mm
 Antrum Cannula, strong curved, with cut-off hole, working length: 6 inch



252-325-150 außen Ø 2,5 mm/outer Ø 2.5 mm
 252-325-151 außen Ø 3,0 mm/outer Ø 3.0 mm
 252-325-152 außen Ø 4,0 mm/outer Ø 4.0 mm

EICKEN

Antrum Kanüle, leicht gebogen, mit Stoploch im Griff Arbeitslänge: 150 mm
 Antrum Cannula, slightly curved, with cut-off hole, working length: 6 inch



252-425-150 außen Ø 2,5 mm/outer Ø 2.5 mm
 252-425-151 außen Ø 3,0 mm/outer Ø 3.0 mm
 252-425-152 außen Ø 4,0 mm/outer Ø 4.0 mm

EICKEN

Antrum Kanüle, leicht gebogen, biegsam, Arbeitslänge: 150 mm
 Antrum Cannula, slightly curved, malleable, working length: 6 inch



165-071-025 Ø 2,5 mm

SIEBENMANN

Kiefernhöhenspülröhrchen, stumpf, mit der Öffnung am inneren Biegeradius, 130 mm

Irrigation antrum cannula with inside opening, blunt, 5 1/8 inch

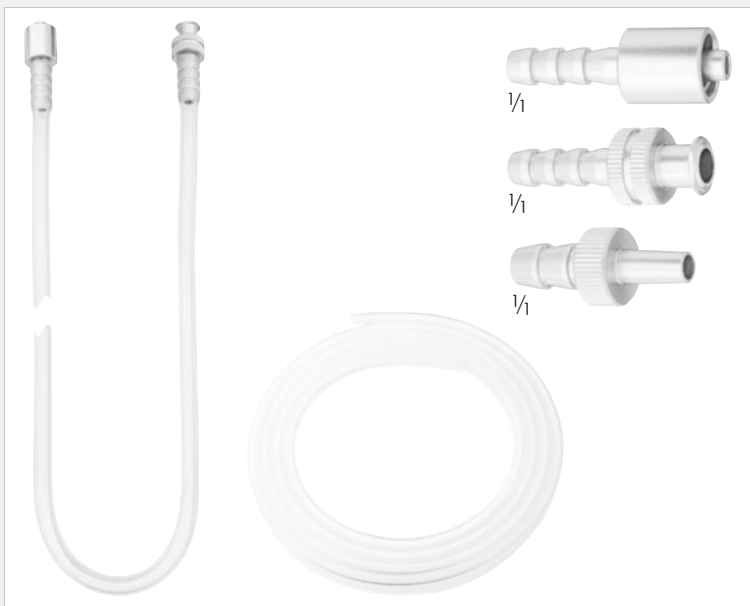


165-072-025 Ø 2,5 mm

SIEBENMANN

Kiefernhöhenspülröhrchen, mit der Öffnung am äußeren Biegeradius, stumpf, 130 mm

Irrigation antrum cannula, with outside opening, blunt, 5 1/8 inch



165-076-300

Spülschlauch, Silikon, autoklavierbar, komplett mit LUER-Lock Adapter, 300 mm

Irrigation tube, silicone, autoclavable, complete with LUER-Lock attachment, 12 inch

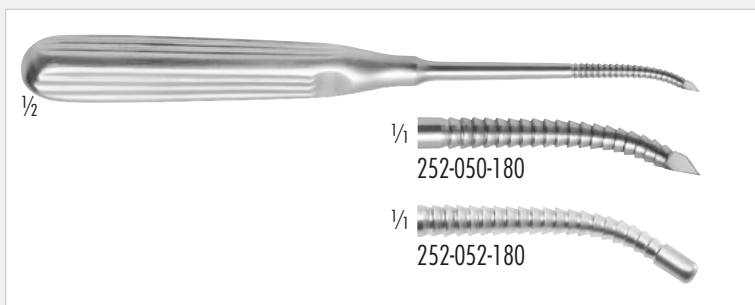


165-077-000

MUCK

Saugglas nach Muck

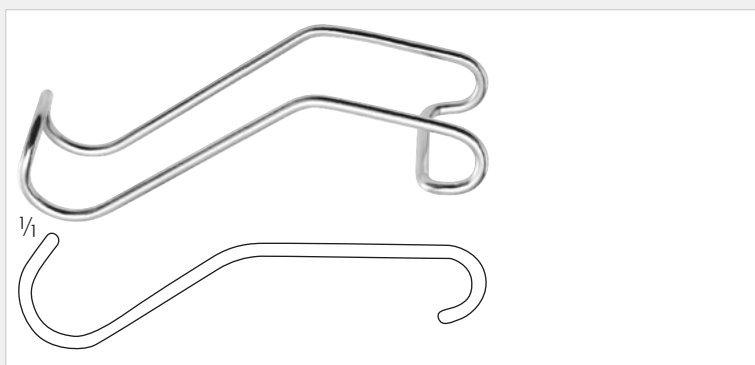
Nasal suction cup sim. Muck



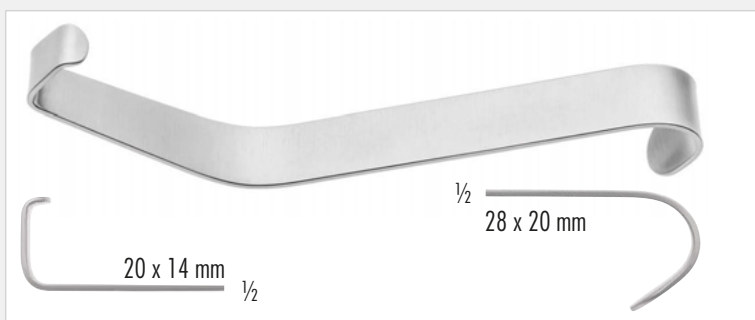
252-050-180 spitz / sharp
252-052-180 stumpf / blunt
Kieferhöhlen Trephine, amerikanisches Modell, 180 mm
Antrum trephine, American pattern, 7 inch



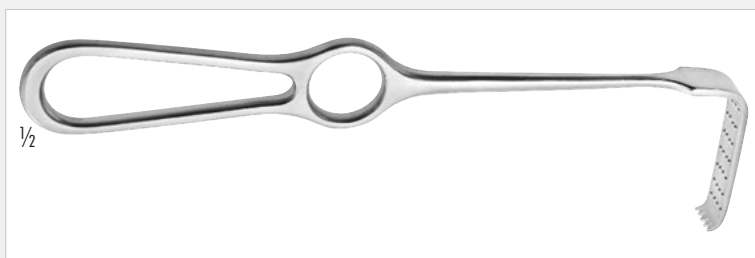
252-053-170
FAULKNER
Kieferhöhlenmeißel, 170 mm
Antrum Chisel, 6 3/4 inch



430-301-120 120 mm, 4 3/4 inch
430-301-130 140 mm, 5 1/2 inch
430-301-135 160 mm, 6 1/4 inch
STERNBERG
Wangerhalter
Cheek retractor



170-285-165
HAJEK
Wundhaken, 180 mm
Wound retractor, 7 inch



170-287-190
BRUENINGS-BRUNK
Kieferhöhlenhaken, 190 mm
Antrum retractor, 7 1/2 inch



170-293-001 30 x 11 mm
LANGENBECK
Wundhaken, 220 mm
Wound retractor, 8 3/4 inch



- 170-765-135 Volles Blatt links mit scharfen Zähnen,
3 Zähne rechts
left solid blade with sharp pin, 3 prongs right
- 170-766-135 Volles Blatt rechts mit scharfen Zähnen,
3 Zähne links
right solid blade with sharp pin, 3 prongs left

PERKINS

Kieferhöhlensperrerr, scharf gezahnt, 130 mm
Antrum retractor, sharp serration, 5 1/8 inch



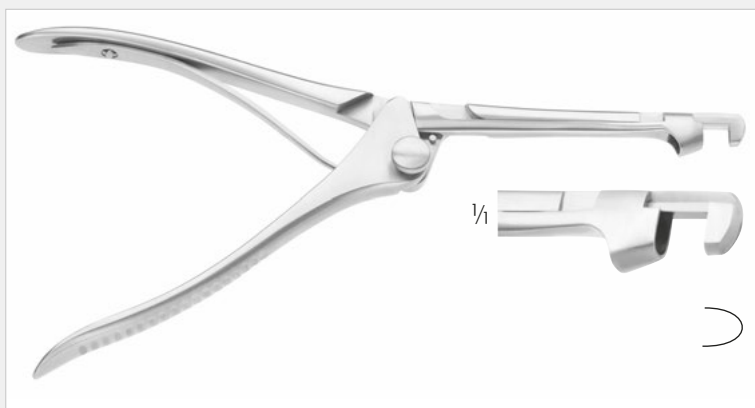
- 252-500-175 3mm Ausschnitt/bite
252-499-175 2mm Ausschnitt/bite
Stirnhöhlenstanze, 70° im Schaft aufgebogen,
40° nach oben vorwärts schneidend, Arbeitslänge: 140mm
Frontal Sinus Punch Forceps, sheath 70° upturned,
40° upbiting forward, working length: 5 1/2 inch



- 252-150-110
Antrum Stanze, 65° vorwärts schneidend,
3,5 x 3,7mm Schnitt
Antrum Punch, 65° forward biting,
3.5 x 3.7mm bite



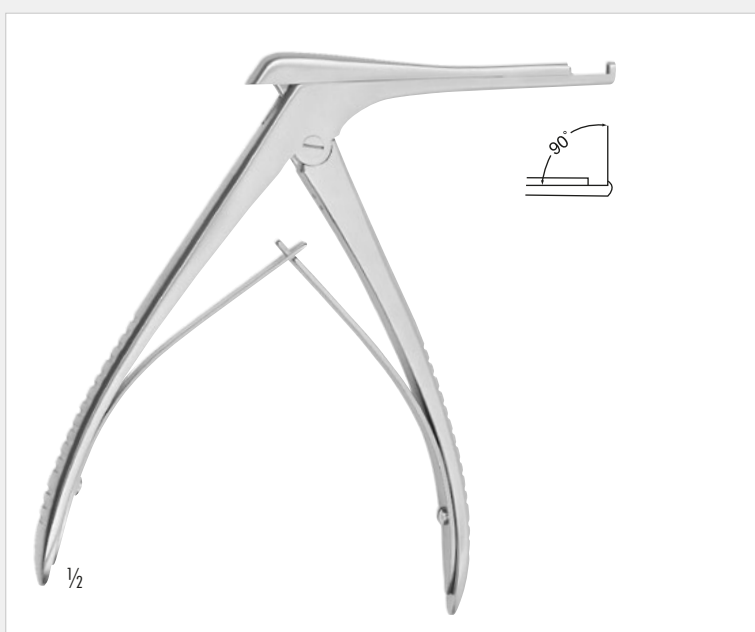
- 252-151-110
Antrum Stanze, 30° aufgebogen
Antrum Punch, 30° upwards curved



252-200-200

HAJEK-CLAUS

Kieferhöhlenstanze, durchschneidend, 200 mm
Antrum Punch, through cutting, 8 inch



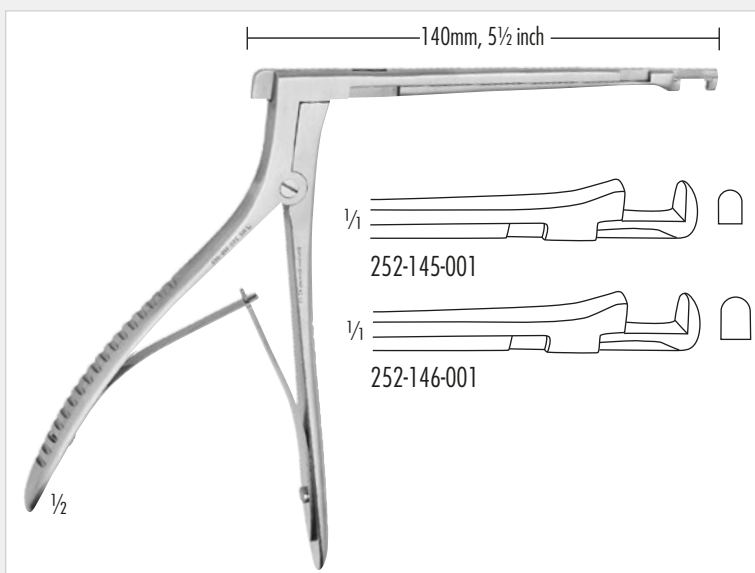
252-200-095 2 mm Schnitt / 2 mm bite

BEYER

Kieferhöhlenstanze, Arbeitslänge: 95 mm
Antrum Punch, working length: 3 3/4 inch

252-200-195

Dito, retrograd schneidend
Same, backward cutting



252-145-001

nach oben/upbiting

252-145-002

nach unten/downbiting

252-145-003

nach oben, rückwärts/upbiting, backward

252-145-004

nach unten, rückwärts/downbiting, backward

252-145-005

nach oben, vorwärts/upbiting, forward

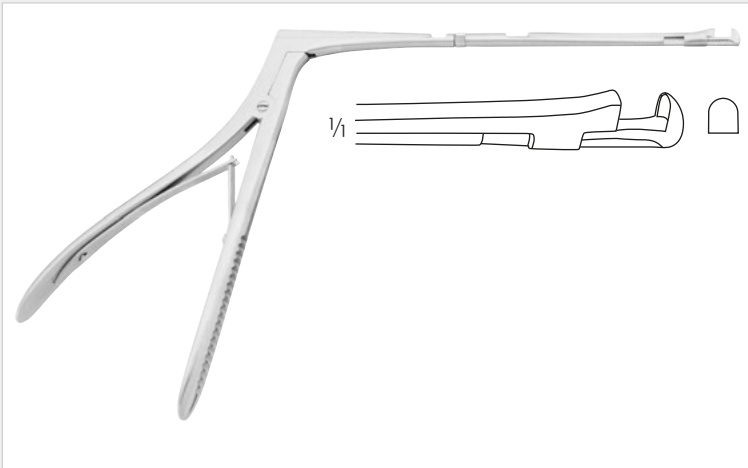
252-146-001

nach oben/upbiting, 4.5 x 4.5 mm

HAJEK-KOFLER

Stanze, 3,5 x 3,5 mm, 140 mm

Punch, 3.5 x 3.5 mm, 5 1/2 inch



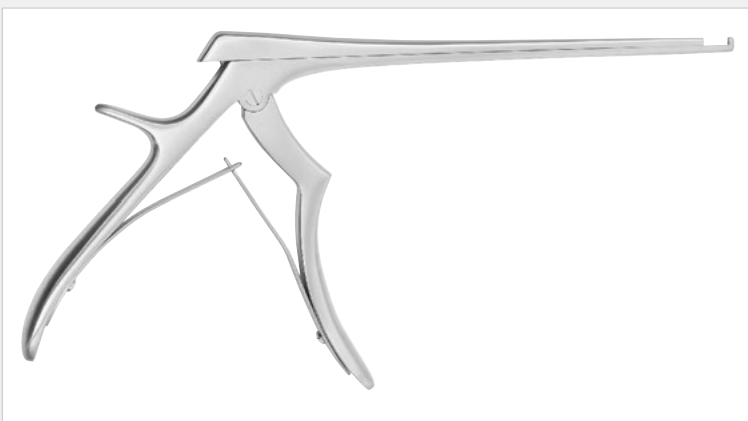
252-535-170 3,5 mm
HAJEK-KOFLER
 Stanze, drehbar 360°, Arbeitslänge: 170 mm
 Punch, rotating 360°, working length: 6 ¾ inch



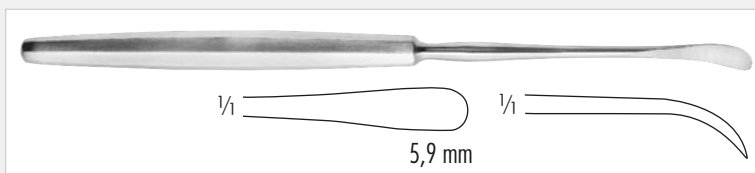
252-147-170
CITELLI
 Knochenstanze, 1,5 mm, durchschneidend, Arbeitslänge: 170 mm
 Bone punch, 1.5 mm, through cutting, working length: 6 ¾ inch



252-148-170
BEYER
 Knochenstanze, 2,0 mm, durchschneidend, Arbeitslänge: 170 mm
 Bone punch, 2.0 mm, through cutting, working length: 6 ¾ inch



252-149-172 nach oben / upbiting
 252-149-272 nach unten / downbiting
KERRISON
 Knochenstanze, 2,0 mm, Arbeitslänge: 180 mm
 Bone punch, 2.0 mm, working length: 7 inch



420-549-200 6 mm
SEWALL
Kieferhöhlen Elevator, stumpf, 200 mm
Antrum elevator blunt, 8 inch



252-009-000 4.5 mm Spitze / tip
252-009-001 6.5 mm Spitze / tip
FREER
Elevator, doppelendig, scharf/stumpf, 200 mm
Elevator, double-ended, sharp/blunt, 7 3/4 inch



252-025-210
KUHN-BOLGER
Doppelinstrument , rechts abgewinkelter Haken, 210 mm
Double-instrument, hook angled to the right, 8 1/4 inch



252-025-190
Doppelinstrument zum Sondieren d. Ostium, kugelförmige
Enden 1,2 mm / 2,0 mm, 210 mm
Ostium probe, double-ended ball probe: 1.2mm / 2.0 mm, 8 1/4 inch



252-205-190 spitz/sharp
252-215-190 stumpf/blunt
Sichelmesser, spitz, 200 mm
Sickle knife, sharp, 7 3/4 inch



252-071-190 Gr. 1
252-082-190 Gr. 2
252-093-190 Gr. 3
Kieferhöhlenlöffel, oval, 200 mm
Antrum spoon, oval, 7 3/4 inch



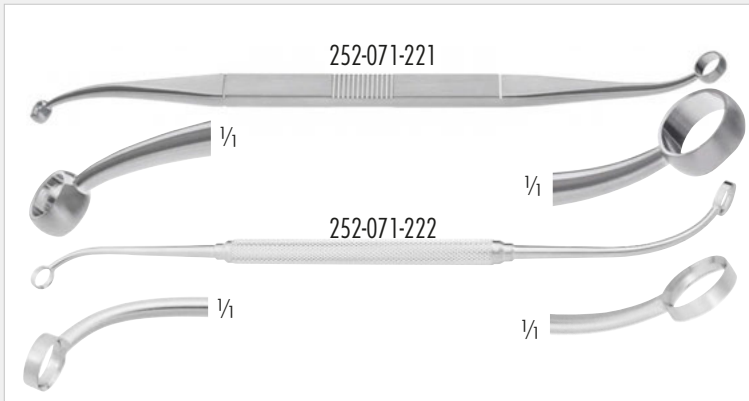
252-171-190 rund, 45° gebogen/round, 45° curved
252-182-190 oval klein, gebogen/oval small, curved
252-193-190 oval groß, 30° gebogen/oval large, 30° angled
Kieferhöhlenlöffel , 200mm
Antrum spoon, 7 3/4 inch



252-027-190
Doppelkürette, oval, kurz gebogen 45°, halbscharf: 2,2 mm,
andere Seite: 90° lang gebogen, 2,7 mm, 190 mm
Curette, double-ended, oval, short curve 45°, semi-sharp: 2.2 mm
Other side: 90° long curve: 2.7 mm, 7 1/2 inch



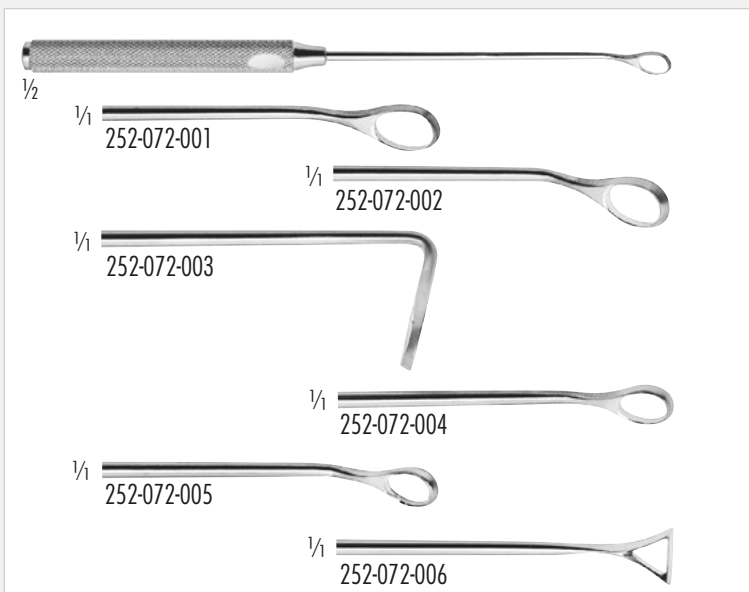
252-071-220
FAULKNER
Kieferhöhlenkürette, 220 mm
Antrum curette, 8 1/2 inch



- 252-071-221 klein, Ringgröße 5 x 8 mm
small, ringsize 5 x 8 mm
- 252-071-222 groß, Ringgröße 6 x 9 mm
large, ringsize 6 x 9 mm

FAULKNER

Kieferhöhlenkürette, biegsam, 220 mm
Antrum curette, malleable, 8 3/4 inch



- 252-072-001 Fig. 1
252-072-002 Fig. 2
252-072-003 Fig. 3
252-072-004 Fig. 4
252-072-005 Fig. 5
252-072-006 Fig. 6

COAKLEY

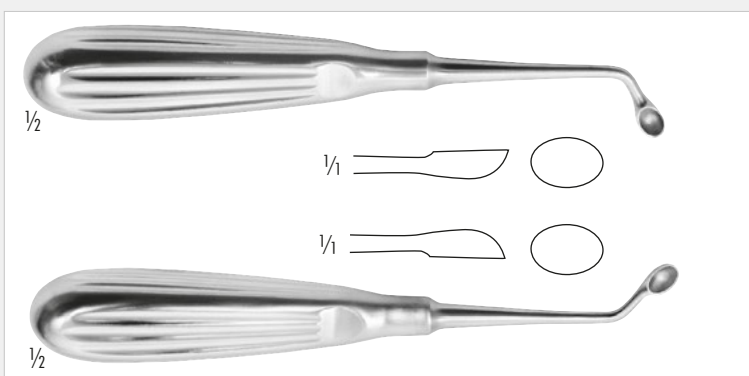
Kieferhöhlenkürette, 170 mm
Antrum curette, rigid shank, 6 3/4 inch



- 252-172-190 55° gebogen/curved
252-173-190 90° gebogen/curved

KUHN-BOLGER

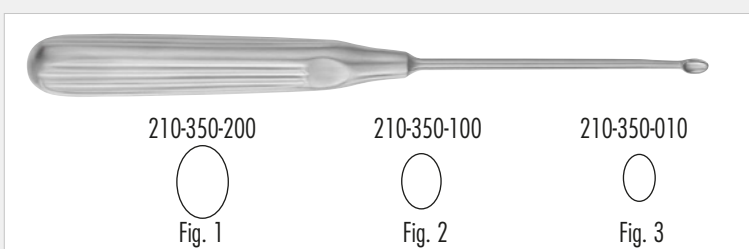
Kieferhöhlenlöffel, 190 mm
Antrum spoon, 7 1/2 inch



- 210-345-007 rechts gebogen/right curved
210-347-007 links gebogen/left curved

UFFENORDE

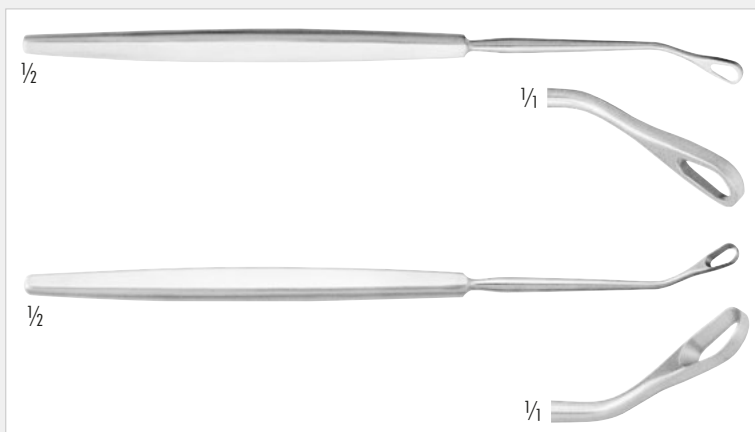
Kieferhöhlenlöffel, 170 mm
Antrum spoon, 6 3/4 inch



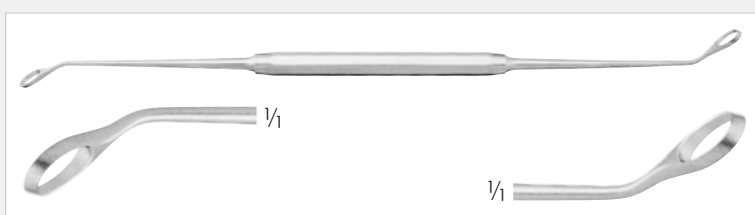
- 210-350-200 4,8 mm Fig. 1
210-350-100 5,8 mm Fig. 2
210-350-010 6,8 mm Fig. 3

HALLE

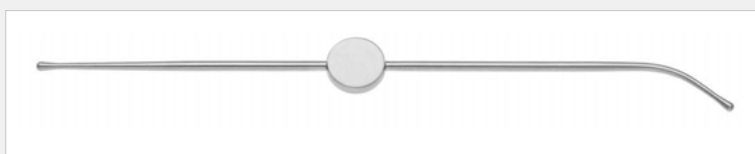
Scharfe Löffel, biegsam, 210 mm
Antrum spoon, malleable, sharp, 8 1/4 inch



252-113-190 vorwärts schneidend/forward cutting
252-114-190 rückwärts schneidend/backward cutting
COAKLEY
Kiefernöhlenkürette, klein, 200 mm
Antrum curette, small, 7 3/4 inch



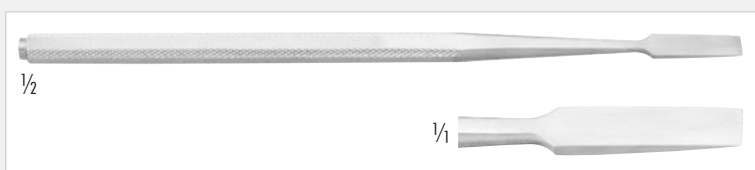
252-072-245
HALLE
Kiefernöhlenkürette, 200 mm
Antrum curette, 7 3/4 inch



252-073-200
Kiefernöhlensonde, 200 mm
Antrum probe, 7 3/4 inch



252-140-190 4 mm
WEST
Hohlmeißel, 190 mm
Gouge, 7 1/2 inch



252-040-190 4 mm
WEST
Flachmeißel, 190 mm
Chisel, 7 1/2 inch



252-041-012 12 mm
252-041-017 17 mm
Spatel, biegsam, 200 mm
Spatula, malleable, 7 3/4 inch



252-042-235
Orbital protector, 235 mm
Orbital protector, 9 1/4 inch



252-043-025 Ø 2,5 mm
252-043-030 Ø 3,0 mm
252-043-040 Ø 4,0 mm
252-043-050 Ø 5,0 mm

RITTER

Stirnhöhlendilatator, 160 mm
Frontal sinus bougies, 6 1/4 inch



165-525-006 6 Charr./Fr.
165-525-007 7 Charr./Fr.
165-525-008 8 Charr./Fr.
165-525-010 10 Charr./Fr.
165-525-012 12 Charr./Fr.

FERGUSSON

Saugkanüle, 180 mm
Suction tube, 7 inch



252-044-040 Ø 4.0mm

TIMO

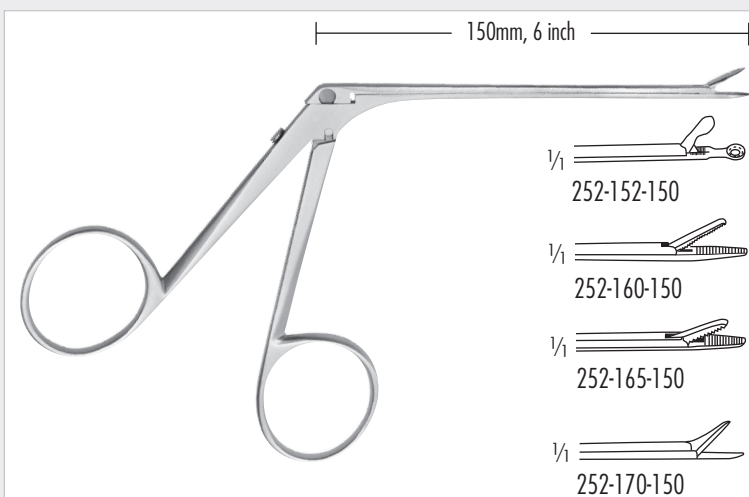
Stirnhöhlensaugrohr, 145mm
Frontal Sinus Suction Tube, 5 3/4"



252-025-180

FISCH

Saug-Spülrohr, 2,5 x 2, 0 mm, 180 mm
Suction-Irrigation tube, 2.5 x 2.0 mm, 7 inch



252-152-150 Ø 2,0 mm

Löffelzängchen, runder Löffel
Cupped forceps, round cup

1/1 252-152-150

1/1 252-160-150

1/1 252-165-150

1/1 252-170-150

252-160-150

Faßzängchen, fein gerieft
Grasping forceps, fine serrations

252-165-150

Faßzängchen, grob gerieft
Grasping forceps, coarse serrations

252-170-150

Scherchen
Scissors



252-104-000 0°

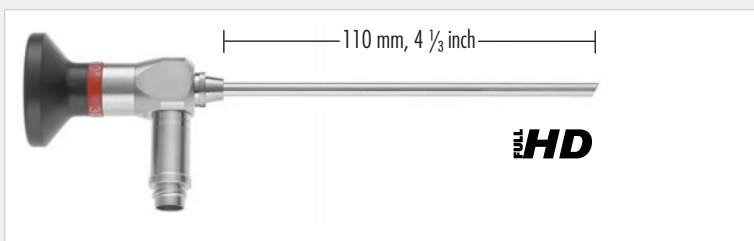
252-104-030 30°

252-104-045 45°

252-104-070 70°

Sinuskopie-Optiken, autoklavierbar, 4,0 mm, 180 mm

Sinusscopes, autoclavable, 4.0 mm, 7 inch



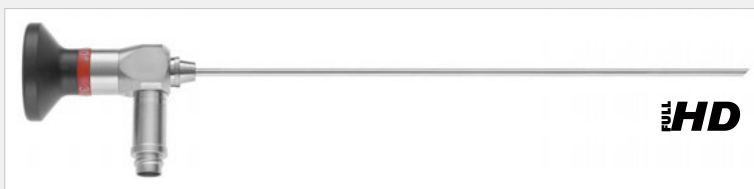
252-104-200 0°

252-104-230 30°

252-104-270 70°

Sinuskopie-Optiken, Kinder, autoklavierbar, 4,0 mm, 110 mm

Sinusscopes, pediatric, autoclavable, 4.0 mm, 4 1/3 inch



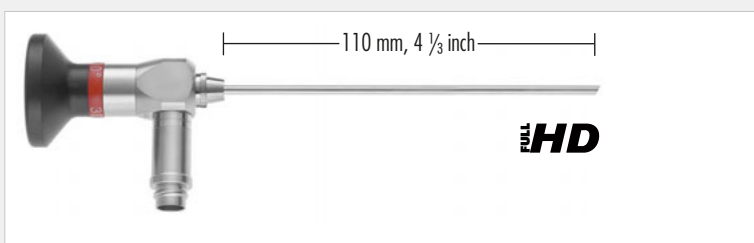
252-127-000 0°

252-127-030 30°

252-127-070 70°

Sinuskopie-Optiken, autoklavierbar, 2,7 mm, 180 mm

Sinusscopes, autoclavable, 2.7 mm, 7 inch



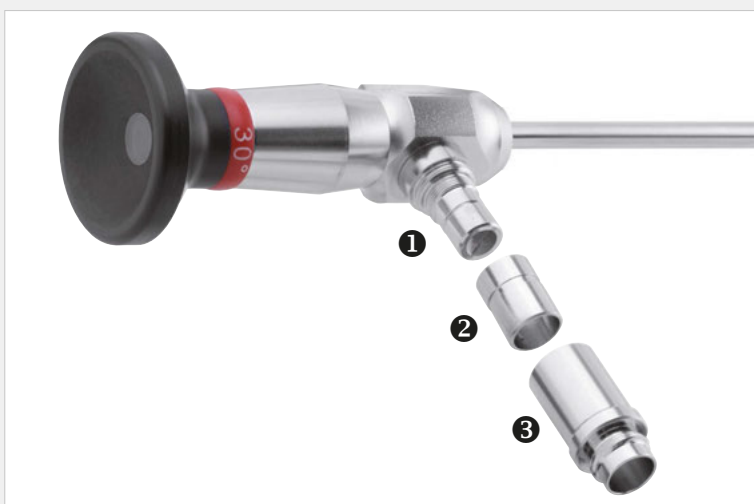
252-127-200 0°

252-127-230 30°

Sinuskopie-Optiken, Kinder, autoklavierbar, 2,7 mm, 110 mm

Sinusscopes, pediatric, autoclavable, 2.7 mm, 4 1/3 inch

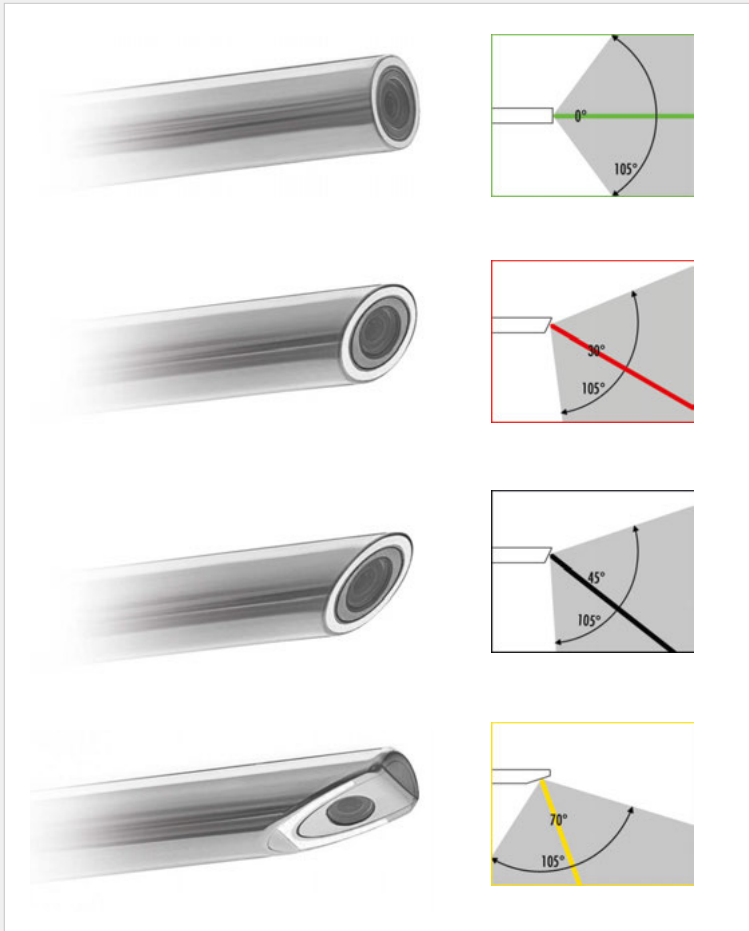
- Removable eyepiece for C-mount connection or RZ QuickSnap locking
- 3-step light post adaptors to connect the most common light cables directly to the endoscope
- Sapphire glasses ensure highest stability against damages on the lens system
- Optimised glass fibre arrangements ensure an uniform image brightness of highest quality
- Full HD high definition pictures with increased detail-resolution through newest CAD-designed rod-lens systems
- Fully Autoclavable at 134°C and 2.3bar



① RZ/Storz Anschluss / RZ/Storz connection

② R. Wolf Anschluss / R. Wolf connection

③ ACMI/Gyrus Anschluss / ACMI/Gyrus connection



Farbliche Kennzeichnung der Gradzahl:

Colour coding of degree:

0° 30° 45° 70°



300-090-100

Schutzhülse, für 2,7 mm und 4,0 mm Optiken, 190 mm

Bestelleinheit: PH=Packung á 10 Stück

Protection tube, for 2.7 mm and 4.0 mm telescopes, 7 1/2 inch

Sales unit: PH=Package of 10 pieces



251-104-001 für 4 mm Optik / for 4 mm telescopes

251-127-001 für 2,5 mm Optik / for 2.7 mm telescopes

Optik Handgriff, flach, 120 mm

Telescope handle, flat, 4 3/4 inch

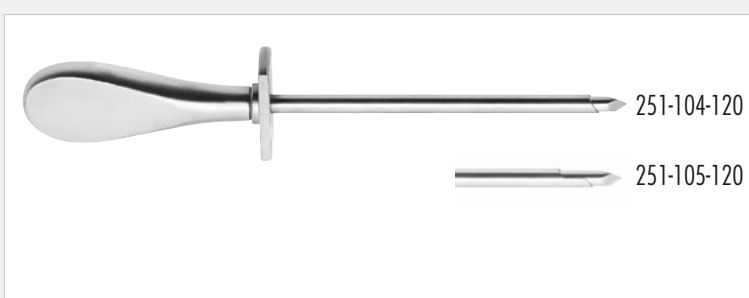


251-104-002 für 4 mm Optik / for 4 mm telescopes

251-127-002 für 2,5 mm Optik / for 2.7 mm telescopes

Optik Handgriff, rund, 120 mm

Telescope handle, round, 4 3/4 inch



251-104-120 schräges Schaftende/oblique sheath end

251-105-120 Duckbill Schaftende/Duckbill sheath end

251-127-120 für 2,7 mm Optik, 80 mm

for 2.7 mm telescope, 3 1/8 inch

Sinuskopie-Trokar und Trokarhülse für 4,0 mm Optik,
scharfer Trokar Ø 5,2 mm, 80 mm

Sinuscopy Trocar and Trocar sheath for 4.0 mm telescope,
sharp trocar Ø 5.2 mm, 3 1/8 inch



420-121-150 Fig. 1

420-122-150 Fig. 2

420-123-150 Fig. 3

HARTMANN-HALLE

Nasenspekulum, 155 mm

Nasal Specula, 6 inch



420-150-101 links/left 55mm, rechts/right 35mm

420-150-102 links/left 35mm, rechts/right 55mm

420-150-105 links/left 75mm, rechts/right 35mm

420-150-106 links/left 35mm, rechts/right 75mm

420-150-107 links/left 75mm, rechts/right 52mm

420-150-108 links/left 52mm, rechts/right 75mm

Sinus Spekula zur Verwendung mit flexiblen Spannarm, mit Stellschraube

Sinus Specula for use with flexible arm, with set screw



420-150-301 links/left 25mm, rechts/right 18mm

420-150-302 links/left 18mm, rechts/right 25mm

Kinder Sinus Spekula zur Verwendung mit flexiblen Spannarm, mit Zähnen, mit Stellschraube

Children Sinus Specula for use with flexible arm, with teeth, with set screw



420-150-001 links/left 55mm, rechts/right 35mm

420-150-002 links/left 35mm, rechts/right 55mm

420-150-003 links/left 65mm, rechts/right 45mm

420-150-004 links/left 45mm, rechts/right 65mm

420-150-005 links/left 75mm, rechts/right 35mm

420-150-006 links/left 35mm, rechts/right 75mm

420-150-007 links/left 75mm, rechts/right 52mm

420-150-008 links/left 52mm, rechts/right 75mm

Sinus Spekula zur Verwendung mit flexiblen Spannarm, mit Zähnen, mit Stellschraube

Sinus Specula for use with flexible arm, with teeth, with set screw



420-150-201 links/left 55mm, rechts/right 45mm

420-150-202 links/left 45mm, rechts/right 55mm

420-150-203 links/left 65mm, rechts/right 45mm

420-150-204 links/left 45mm, rechts/right 65mm

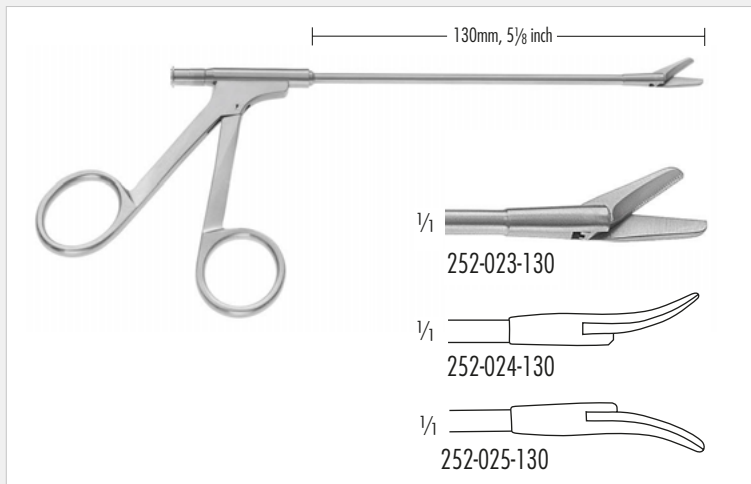
420-150-205 links/left 75mm, rechts/right 45mm

420-150-206 links/left 45mm, rechts/right 75mm

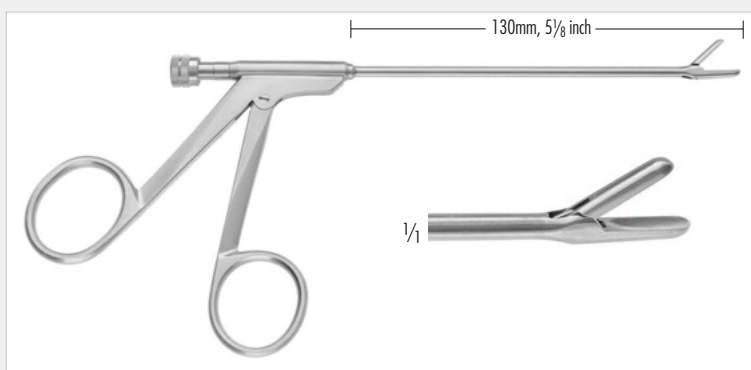
KILLIAN STRYKEN

Sinus Spekula zur Verwendung mit flexiblen Spannarm, mit Zähnen, mit Stellschraube

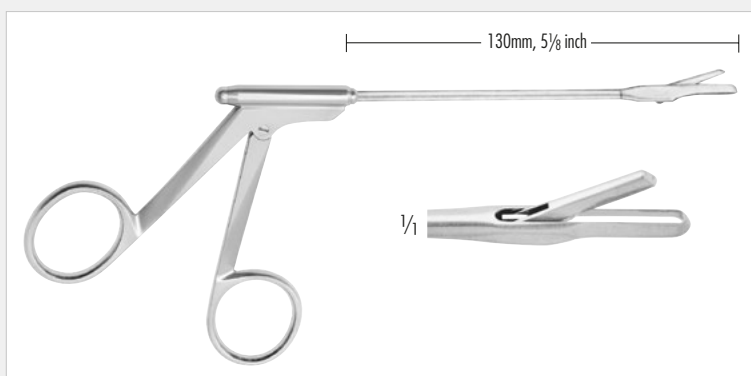
Sinus Specula for use with flexible arm, with teeth, with set screw



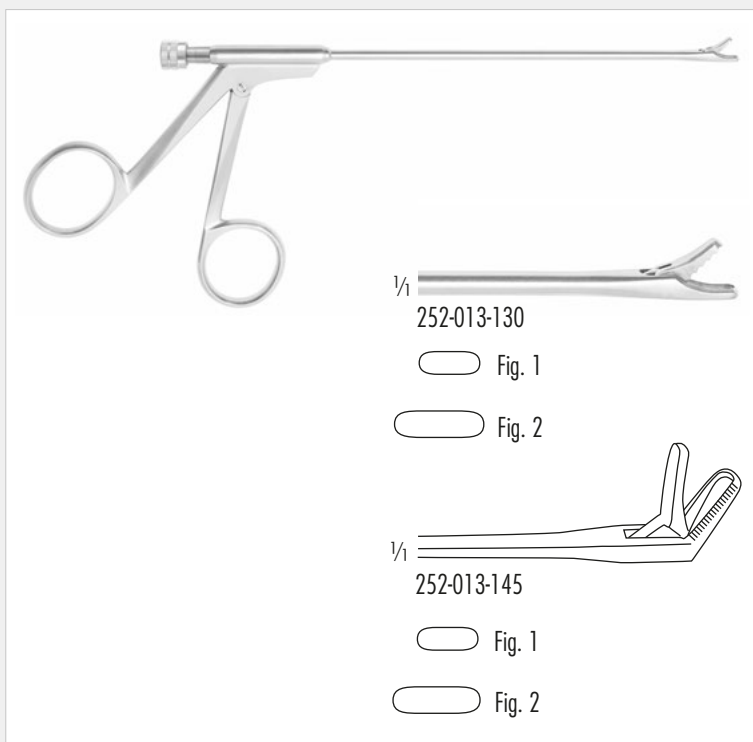
252-023-130 gerade/straight
 252-024-130 links gebogen/curved to left
 252-025-130 rechts gebogen/curved to right
 Nasenschere, 130 mm
 Nasal scissors, 5 1/8 inch



252-002-130
TAKAHASHI
 Siebbeinzange, 3x5 mm, 130 mm
 Ethmoidal forceps, 3x5 mm, 5 1/8 inch



252-003-130
STRUYCKEN
 Siebbeinzange, 130 mm
 Ethmoidal forceps, 5 1/8 inch



252-013-130 Fig. 1 8 x 3 mm
252-014-135 Fig. 2 11,5 x 3,5 mm

GRUENWALD-HENKE

Scharfe Nasenzange, durchschneidend, für glatten, gewebeschonenden Schnitt, extra zart, Arbeitslänge: 130 mm
Ethmoidal forceps, through cutting for clean soft tissue cut, straight, working length: 5 1/8 inch

252-013-145 Fig. 1 8 x 3 mm
252-014-145 Fig. 2 11,5 x 3,5 mm

GRUENWALD-HENKE

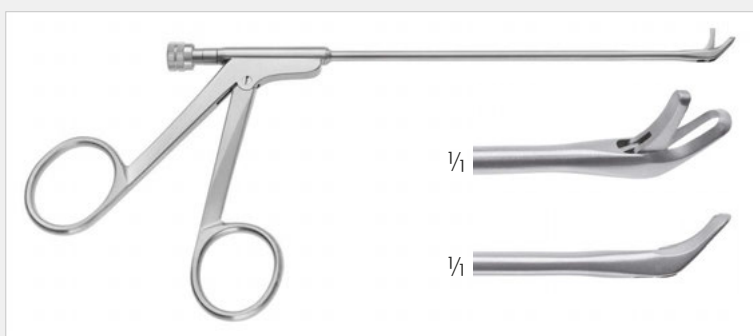
45° aufgebogen
45° upwards



252-206-000 Fig. 0 2 mm Schnitt/2 mm bite
252-206-001 Fig. 1 2,5 mm Schnitt/2.5 mm bite
252-206-002 Fig. 2 3 mm Schnitt/3 mm bite

DUCKBILL

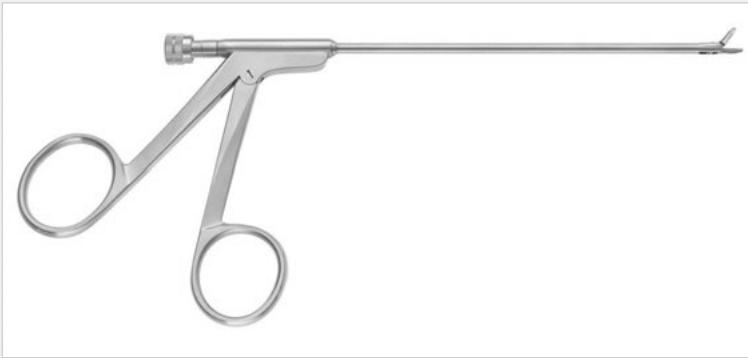
Duckbill Punch, gerade, Arbeitslänge: 130 mm
Duckbill Punch, straight, working length: 5 1/8 inch



252-207-000 Fig. 0 2 mm Schnitt/2 mm bite
252-207-001 Fig. 1 2,5 mm Schnitt/2.5 mm bite
252-207-002 Fig. 2 3 mm Schnitt/3 mm bite

DUCKBILL

Duckbill Punch, aufwärts, Arbeitslänge: 130 mm
Duckbill Punch, upwards, working length: 5 1/8 inch

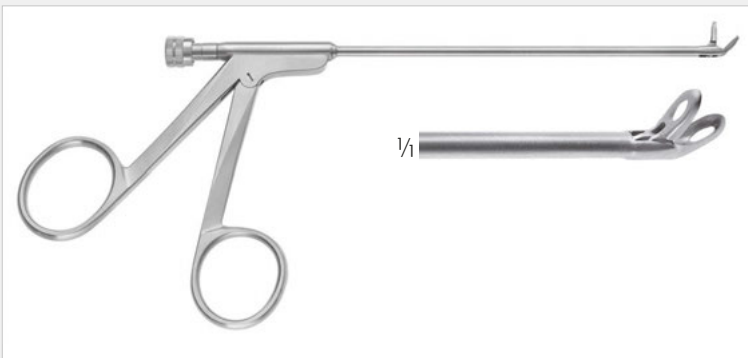


- 252-034-131 Größe 1/size 1 = 3 mm
- 252-034-132 Größe 2/size 2 = 3.5 mm
- 252-034-133 Größe 3/size 3 = 4 mm
- 252-034-134 Größe 4/size 4 = 5 mm
- 252-034-135 Größe 5/size 5 = 6 mm

BLAKESLEY

Nasenzange, gerade, 130 mm

Ethmoidal forceps, straight, 5 1/8 inch



- 252-035-131 Größe 1/size 1 = 3 mm
- 252-035-132 Größe 2/size 2 = 3.5 mm
- 252-035-133 Größe 3/size 3 = 4 mm
- 252-035-134 Größe 4/size 4 = 5 mm
- 252-035-135 Größe 5/size 5 = 6 mm

BLAKESLEY-WILDE

Nasenzange, 45° aufgebogen, 130 mm

Ethmoidal forceps, 45° angled, 5 1/8 inch

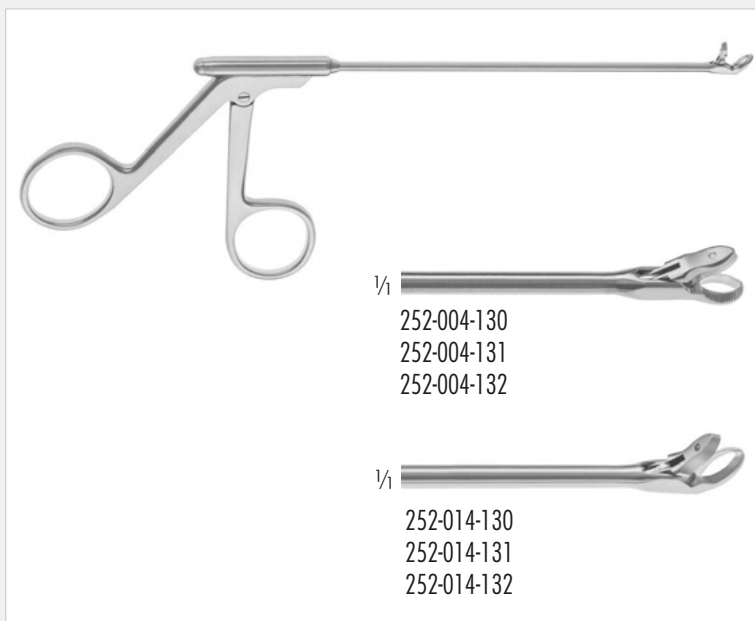


- 252-037-131 Größe 1/size 1 = 3 mm
- 252-037-132 Größe 2/size 2 = 3.5 mm
- 252-037-133 Größe 3/size 3 = 4 mm

BLAKESLEY-WILDE

Nasenzange, 90° aufgebogen, 130 mm

Ethmoidal forceps, 90° angled, 5 1/8 inch



- 252-004-130 Fig. 0 3 mm breit
252-004-131 Fig. 1 3,5 mm breit
252-004-132 Fig. 2 4,0 mm breit

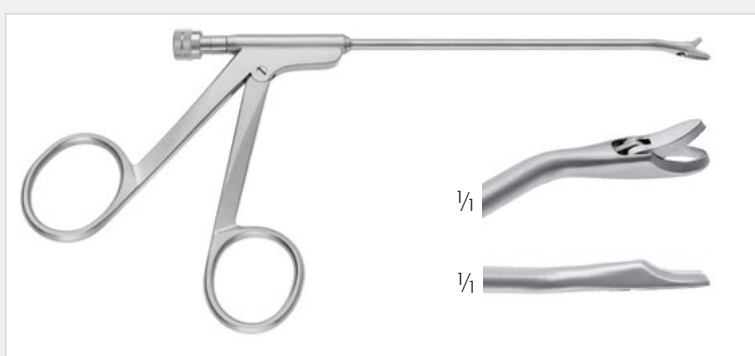
BLAKESLEY

Scharfe Nasenzange, durchschneidend, für glatten, gewebeschonenden Schnitt, gerade, 130 mm
Ethmoidal forceps, through cutting for clean soft tissue cut, straight, 5 1/8 inch

- 252-014-130 Fig. 0 3 mm breit
252-014-131 Fig. 1 3,5 mm breit
252-014-132 Fig. 2 4,0 mm breit

BLAKESLEY

45° aufgebogen
45° upwards



- 252-401-025 30° links gebogen/curved left
252-403-025 30° rechts gebogen/curved right

BLAKESLEY

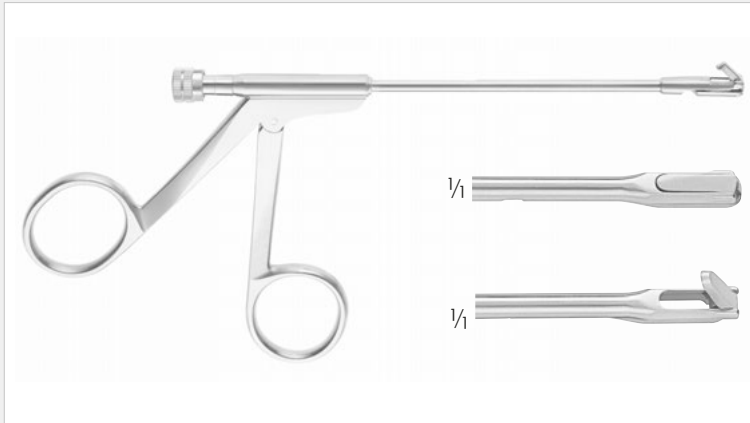
Nasenzange, durchschneidend, 2,5 mm Schnitt, Arbeitslänge: 115 mm
Nasal Forceps, through cutting, 2.5 mm bite, working length: 4 1/2 inch



- 252-115-025 oben öffnend/upwards cutting
252-115-125 links öffnend/left side cutting
252-115-225 rechts öffnend/right side cutting

OSTROM

Ostrom Sinusstanze, 2,5 mm Schnitt, Arbeitslänge: 115 mm
Ostrom Sinus Punch, 2.5mm bite, working length: 4 1/2 inch

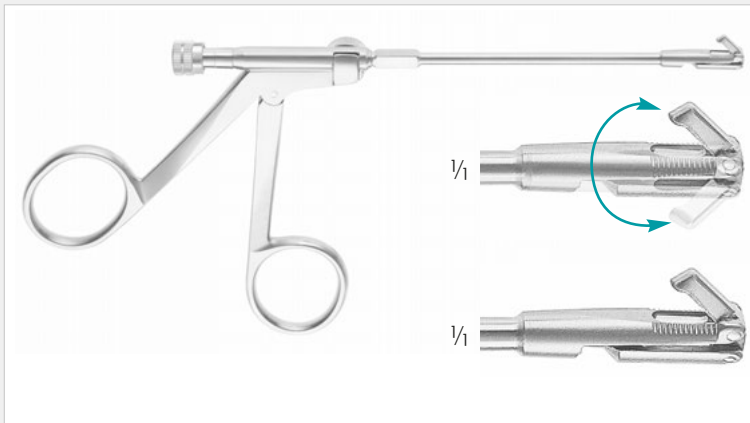


252-015-100 oben/upside
252-115-100 rechts/right
252-215-100 links/left

OSTROM

Kieferhöhlenstanze, 2,5 mm Schnitt, rückwärts schneidend, Arbeitslänge: 100 mm

Antrum punch, 2.5 mm cut, backward cutting, working length: 4 inch



252-315-100 drehbar, 360°/rotating, 360°

OSTROM

Kieferhöhlenstanze, rückwärts schneidend, 2,5 mm Schnitt, Arbeitslänge: 100 mm

Antrum punch, backward cutting, 2.5 mm cut, working length: 4 inch

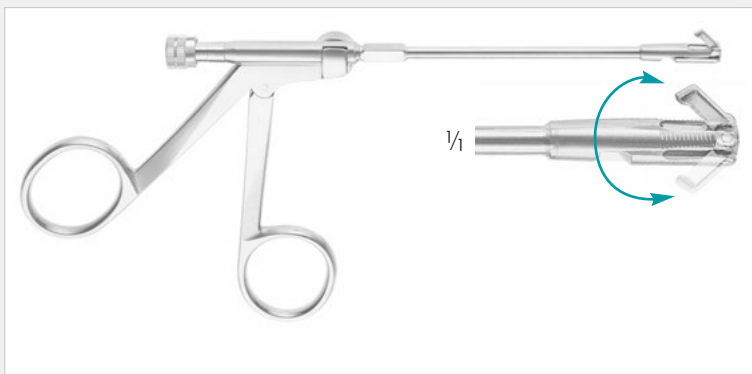


252-010-100 oben/upside
252-110-100 rechts/right
252-210-100 links/left

OSTROM

Kieferhöhlenstanze, kleines schlankes Modell, 1,5 mm Schnitt, rückwärts schneidend, Arbeitslänge: 100 mm

Antrum punch, small delicate pattern, 1.5 mm bite, backward cutting, working length: 4 inch

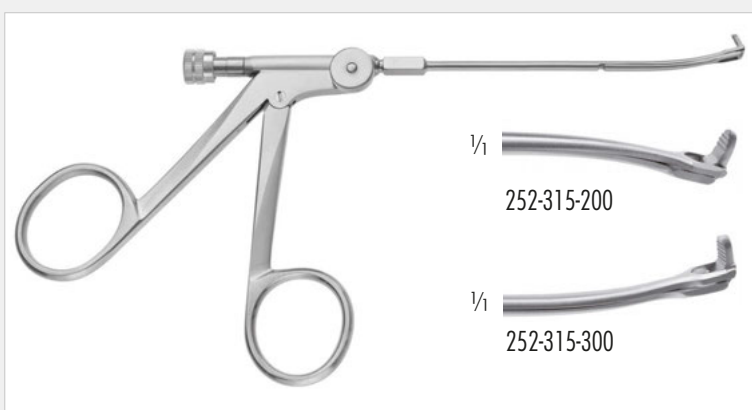


252-310-100 drehbar, 360°/rotating, 360°

OSTROM

Kieferhöhlenstanze, kleines schlankes Modell, 1,5 mm Schnitt
Arbeitslänge: 100 mm

Antrum punch, small delicate pattern, 1.5 mm bite,
working length: 4 inch



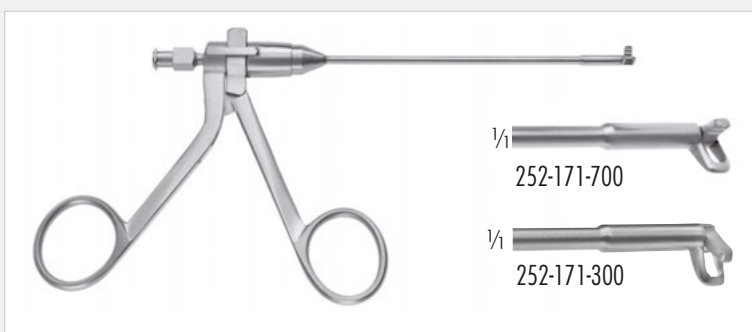
252-315-200 abgebogen/curved down

252-315-300 aufgebogen/curved up

OSTROM

Nasenzange, drehbar, kleiner Schnitt, Arbeitslänge: 100 mm

Ethmoidal forceps, rotating, micro bite, working length: 4 inch



252-173-700 links schneidend/left cutting

252-171-700 rechts schneidend/right cutting

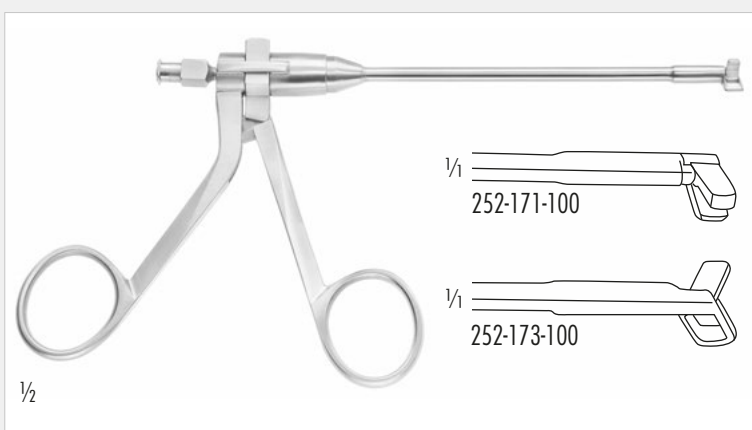
252-171-300 nach rechts unten schneidend/
downward right cutting

252-173-300 nach links unten schneidend/
downward left cutting

SIDECUTTER

Kieferhöhlenstanze, 2,5 mm Schnitt, Arbeitslänge: 100 mm

Antrum Punch, 2.5 mm bite, working length: 4 inch



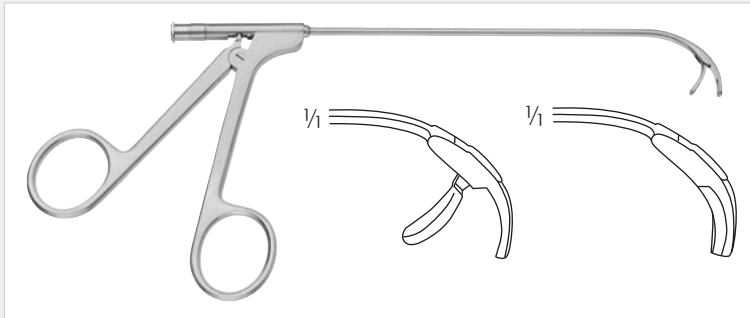
252-171-100 nach rechts unten schneidend
downward right cutting

252-173-100 nach links unten schneidend
downward left cutting

SIDECUTTER

Kieferhöhlenstanze, 3,5mm Schnitt, Arbeitslänge: 100 mm

Antrum punch, 3.5mm cut, working length: 4 inch

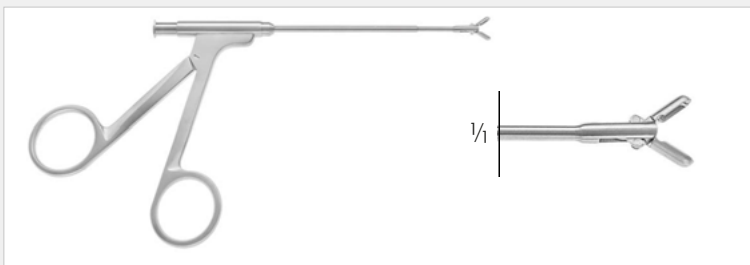


252-410-112

HEUWIESER

Kieferhöhlen-Faßzange, 90° gebogen, bis 120° rückwärts öffnend,
Arbeitslänge: 130 mm

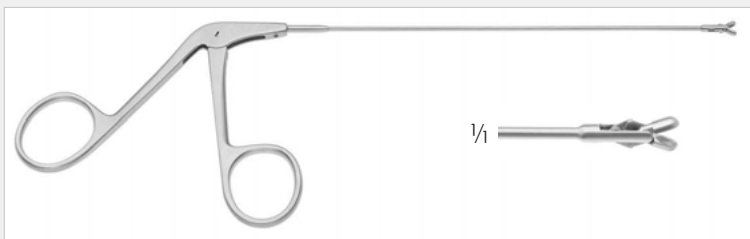
Antrum grasping forceps, 90° curved, 120° backward opening,
working length: 5 inch



252-503-090

Biopsie- und Fasszange, ovaler Löffel, 3x6mm, 89mm Arbeitslänge

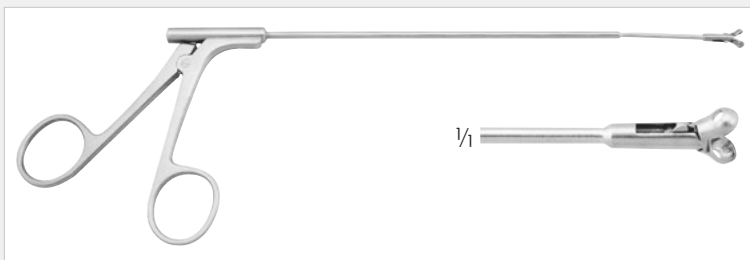
Biopsy and Grasping forceps, 3x6mm oval cup, 89mm working length



252-503-140

Probexcisions- und Faßzange, extra fein, mit ovalem Löffel 3 mm,
140 mm

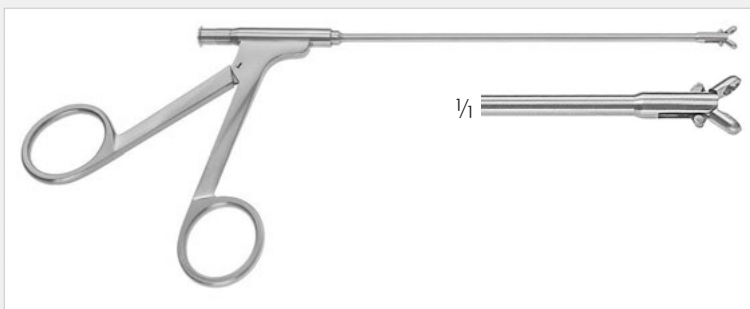
Biopsy and Grasping forceps, delicate pattern, 3 mm oval cup,
5 1/2 inch



252-174-180

Probeexcisions- und Fasszange, Schaftende biegsam,
4 mm Löffel, vertikal öffnend, 180 mm

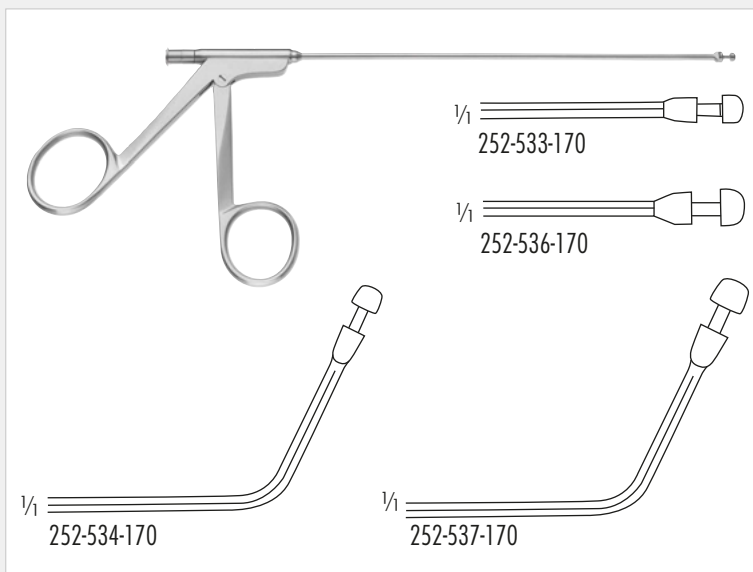
Biopsy and Grasping forceps, malleable shaft, 4 mm biopsy cup,
vertical opening, 7 inch



252-503-150

Biopsie- und Faßzange, 3mm Löffel rund, gerade, mit Luer-Lock,
150mm Arbeitslänge

Biopsy and Grasping Forceps, 3mm round cup, straight, with luer-lock,
150mm working length



252-533-170 Ø 3,5 mm

252-536-170 Ø 4,5 mm

STAMMBERGER

Zirkular Stanze, gerade, 160 mm

Circular punch, straight, 6 1/4 inch

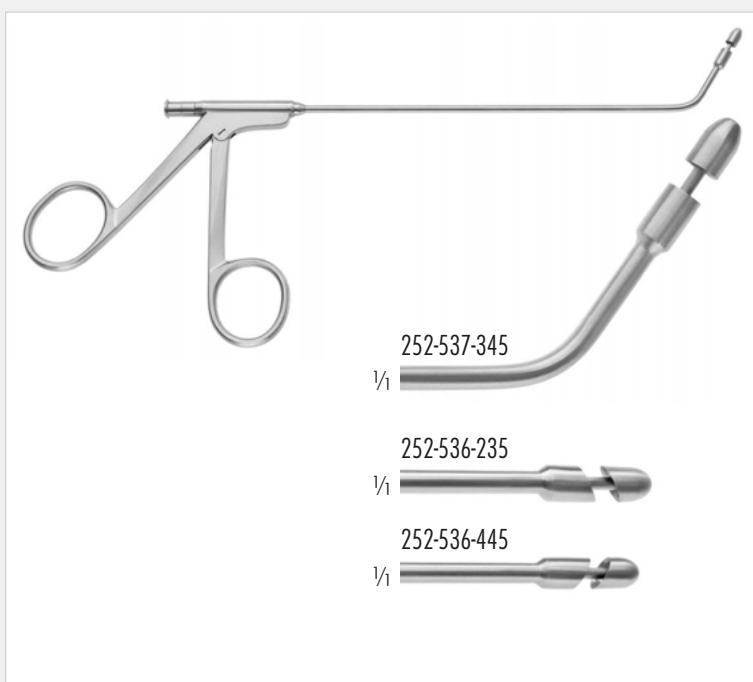
252-534-170 Ø 3,5 mm

252-537-170 Ø 4,5 mm

STAMMBERGER

Zirkular Stanze, 65° aufgebogen, 160 mm

Circular punch, 65° curved up, 6 1/4 inch



252-537-335 3.5mm Ø

252-537-345 4.5mm Ø

RZ

Circular Stanze, 60° aufgebogener Schaft,

eiförmiger Schnitt, Arbeitslänge: 160 mm

Circular Punch, 60° upturned shaft,

egg-shaped bite, working length: 6 1/4 inch

252-536-235 3.5mm Ø

252-536-245 4.5mm Ø

RZ

Circular Stanze, 120° schräger Schnitt, Arbeitslänge: 160 mm

Circular Punch, 120° oblique bite, working length: 6 1/4 inch

252-536-435 3.5mm Ø

252-536-445 4.5mm Ø

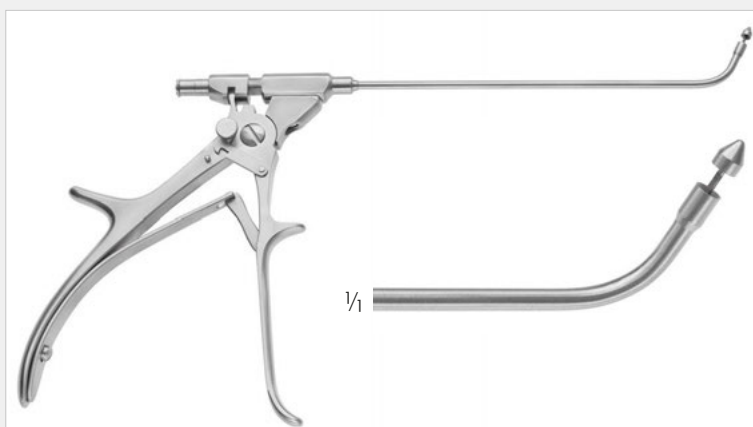
RZ

Circular Stanze, eiförmige Maulspitze,

60° schräger Schnitt, Arbeitslänge: 160 mm

Circular Punch, egg-shaped tip, 60° oblique bite,

working length: 6 1/4 inch



252-534-270 3.5mm Ø

252-537-270 4.5mm Ø

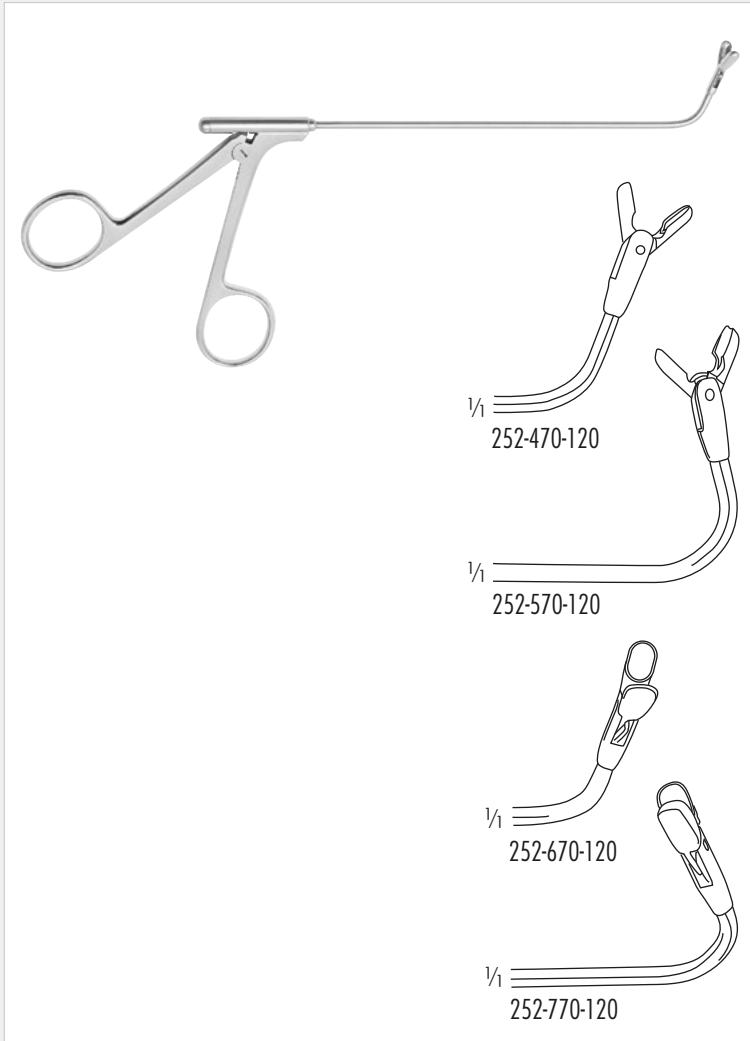
RZ

RZ-Circular Stanze, 70° aufwärts gebogen, mit Luer-Lock,

Arbeitslänge: 130 mm

Circular Punch, 70° upturned shaft, with Luer-Lock,

working length: 5 inch



252-470-120 70° aufgebogen
252-570-120 110° rückwärts gebogen

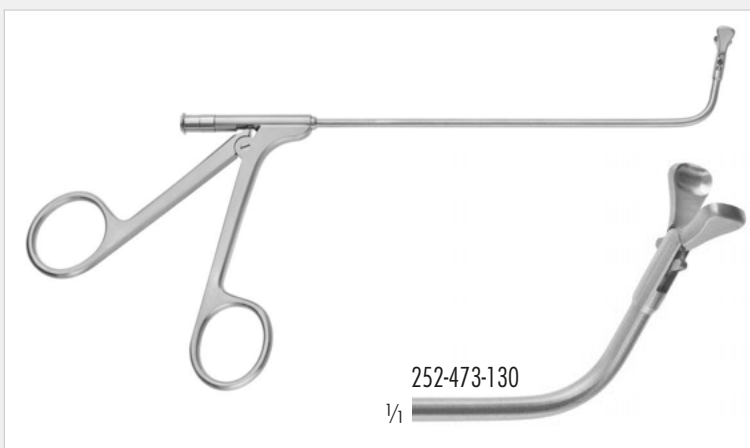
RZ-GIRAFFE

Doppellöffelzange, vertikal öffnend, Löffel Ø 4x8 mm, 130 mm
Biopsy forceps, vertical action, Ø 4x8 mm, 5 1/8 inch

252-670-120 70° aufgebogen
252-770-120 110° rückwärts gebogen

RZ-GIRAFFE

Doppellöffelzange, horizontal öffnend, Löffel Ø 4x8 mm, 130 mm
Biopsy forceps, horizontal action, Ø 4x8 mm, 5 1/8 inch

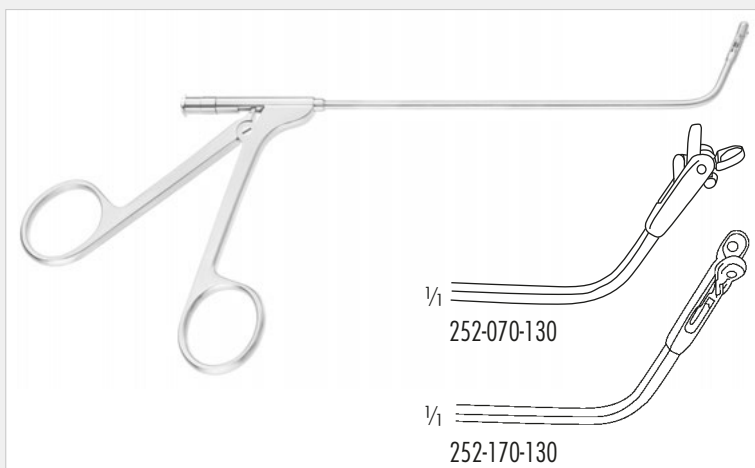


252-473-130 horizontal öffnend/horizontal opening

252-472-130 vertikal öffnend/vertical opening

Doppellöffelzange mit birnenförmigem Maulteil,
80° aufgebogen, Arbeitslänge: 130 mm

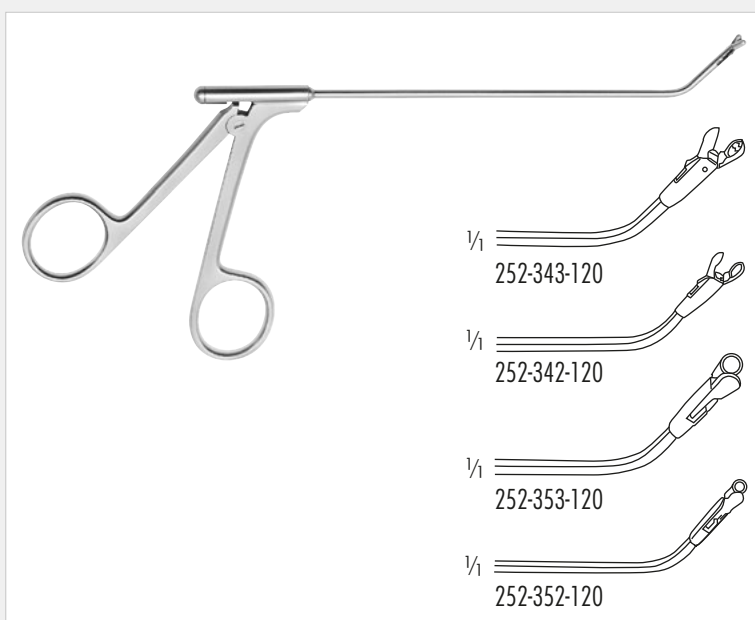
Double action Biopsy Forceps, pear shaped jaws,
80° angled up, working length: 5 1/8 inch



- 252-070-130 vertikal öffnend/vertical action
252-170-130 horizontal öffnend/horizontal action

RZ-GIRAFFE

Doppellöffelzange, 70° aufgebogen, Löffel Ø 3 mm,
Arbeitslänge: 130 mm
Biopsy forceps, 70° angled, cup Ø 3 mm,
working length 5 1/8 inch



- 252-343-120 vertikal öffnend, 3x6 mm, 70° aufgebogen
vertical action, 3x6 mm, 70° angled up
252-342-120 vertikal öffnend, 2x4 mm, 55° aufgebogen
vertical action, 2x4 mm, 55° angled up
252-353-120 horizontal öffnend, 3x6 mm, 70° aufgebogen
horizontal action, 3x6 mm, 70° angled up
252-352-120 horizontal öffnend, 2x4 mm, 55° aufgebogen
horizontal action, 2x4 mm, 55° angled up

KUHN-BOLGER

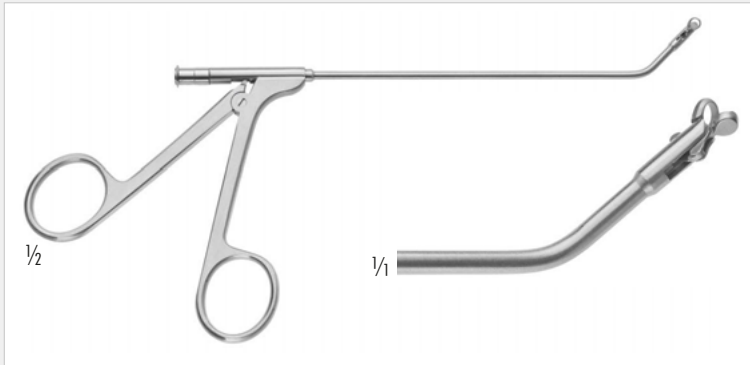
Doppellöffelzange, 130 mm
Giraffe forceps, 5 1/8 inch



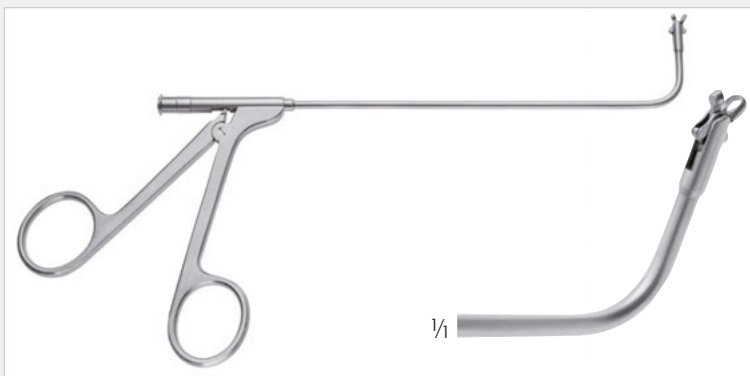
- 252-362-120 horizontal öffnend, 2x4 mm
horizontal action, 2x4 mm
252-372-120 vertikal öffnend, 2x4 mm
vertical action, 2x4 mm

KUHN-BOLGER

Doppellöffelzange, 90° aufgebogen, 130 mm
Giraffe forceps, 90° angled up, 5 1/8 inch



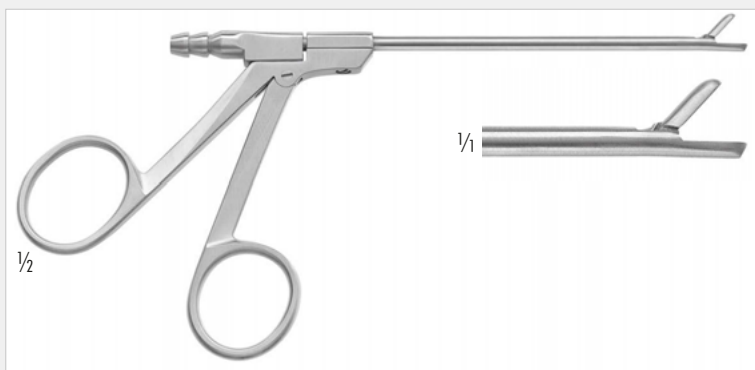
252-606-345 45° aufgebogen/45° upwards curved
 252-606-390 90° aufgebogen/90° upwards curved
 Sinuskopie Stanze, durchschneidend, 3mm runder Schnitt,
 horizontal öffnend, Arbeitslänge: 130 mm
 Sinuscopy Punch, through cutting, 3 mm round bite,
 horizontal opening, working length: 5 1/8 inch



252-605-090 Vertikal öffnend/vertical opening
 252-606-090 Horizontal öffnend/horizontal opening
 Sinuskopie Stanze, durchschneidend, 2 mm runder Schnitt,
 90° aufgebogen, Arbeitslänge: 130 mm
 Sinuscopy Punch, through cutting, 2 mm round bite,
 90° upwards curved, working length: 5 1/8 inch



252-600-070 nach oben öffnend/backward opening
 252-601-070 nach rechts öffnend/right side opening
 252-602-070 nach links öffnend/left side opening
GRUENWALD
 Sinuskopie Zange, durchschneidend, 2 mm Schnitt, 70° aufgebogen,
 Arbeitslänge: 130 mm
 Sinuscopy Forceps, through cutting, 2 mm bite, 70° upwards curved,
 working length: 5 1/8 inch



252-021-100 Größe 1/Size 1, 2.5mm

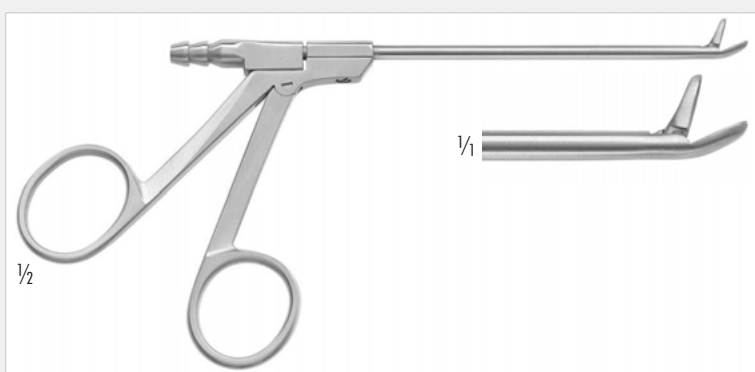
252-022-100 Größe 2/Size 2, 3.5mm

252-023-100 Größe 3/Size 3, 4.0mm

BLAKESLEY

Saugstanze, gerade, 100 mm Arbeitslänge, Ø 4mm

Suction Punch, straight, 4 inch working length, Ø 4mm



252-121-100 Größe 1/Size 1, 2.5mm

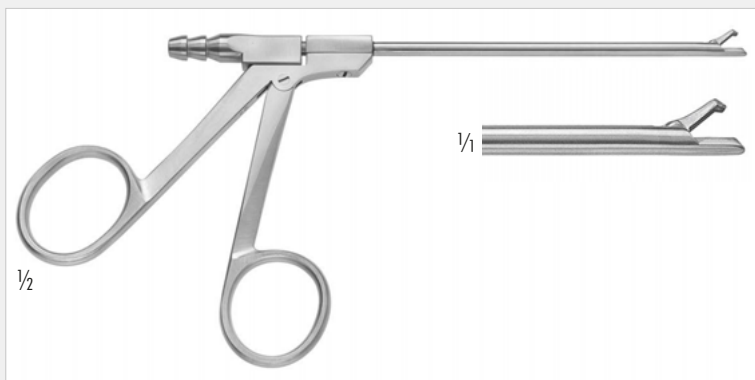
252-122-100 Größe 2/Size 2, 3.5mm

252-123-100 Größe 3/Size 3, 4.0mm

BLAKESLEY

Saugstanze, 45° aufgebogen, 100 mm Arbeitslänge, Ø 4mm

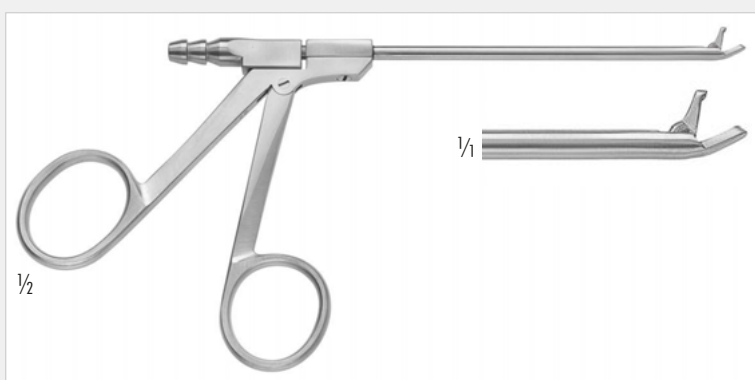
Suction Punch, 45° upcurved, 4 inch working length, Ø 4mm



252-502-100

Biopsie Zange mit Absaugung, 2mm breit, durchschneidend, Arbeitslänge: 100mm

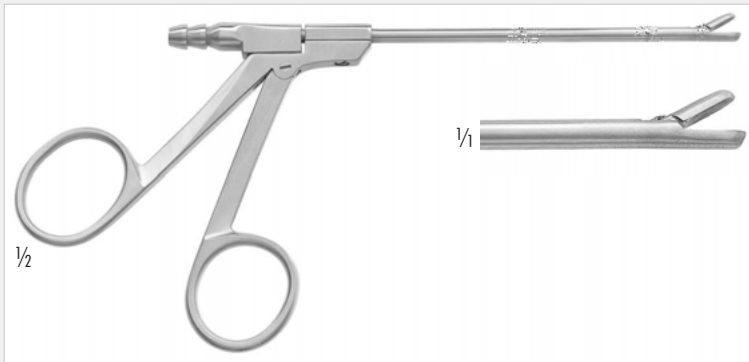
Biopsy Forceps with suction, 2mm wide, thru-cutting, working length: 4 mm



252-502-145

Biopsie Zange mit Absaugung, 2mm breit, durchschneidend, 45° aufwärts gebogen, Arbeitslänge: 100mm

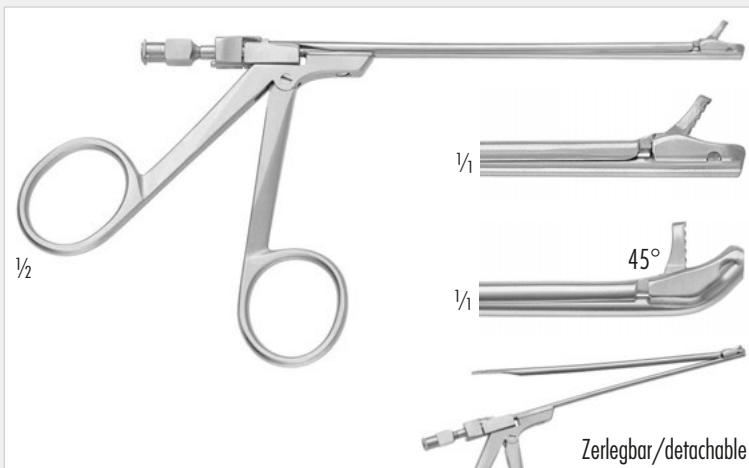
Biopsy Forceps with suction, 2mm wide, through-cutting, 45° upcurved, working length: 4 inch



- 252-010-025 2.5mm, gerade/straight
 252-010-035 3.5mm, gerade/straight
 252-011-025 2.5mm, 30° aufgebogen/30° upcurved
 252-011-035 3.5mm, 30° aufgebogen/30° upcurved

TAKAHASHI

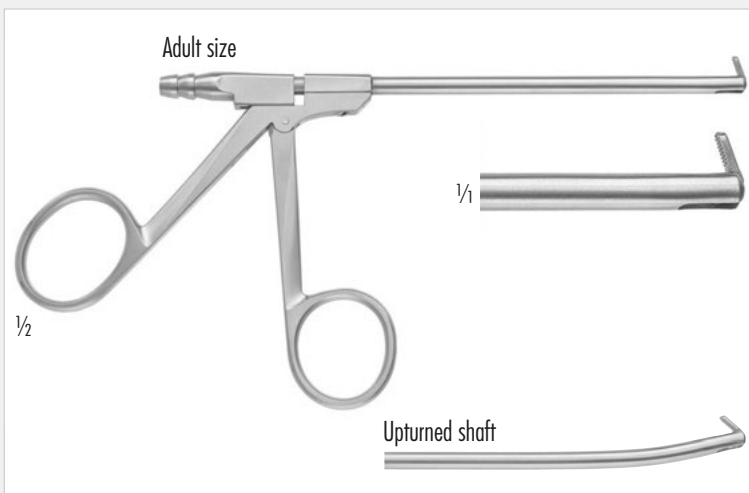
Saugstanze für Biopsie und Greifen, Ø 4mm,
 Arbeitslänge: 100 mm
 Suction Punch for biopsy and grasping, Ø 4mm,
 working length: 4 inch



- 252-504-100 gerade/straight
 252-505-100 45° aufgebogen/45° upcurved

BLAKESLEY

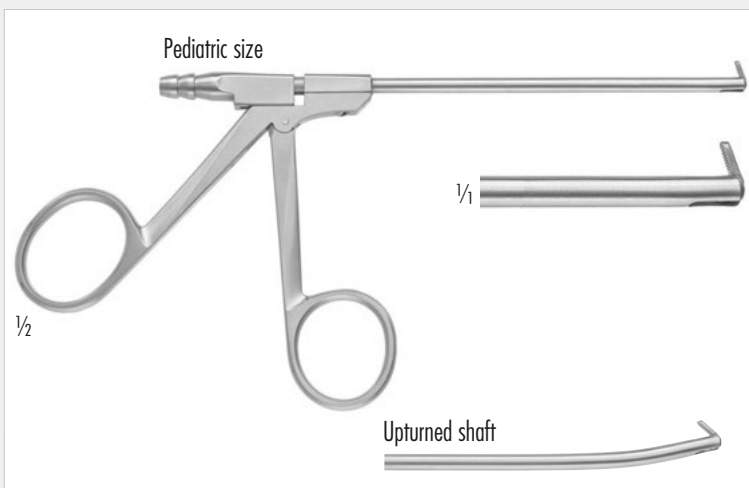
Biopsie Zange mit frontaler Absaugung, 2,5mm breit,
 durchschneidend, zerlegbar, Arbeitslänge: 100 mm
 Biopsy Forceps with frontal suction channel, 2.5mm wide,
 through-cutting, detachable, working length: 4 inch



- 252-015-500 Aufwärts/upside
 252-015-510 Links/left
 252-015-520 Rechts/right

OSTROM

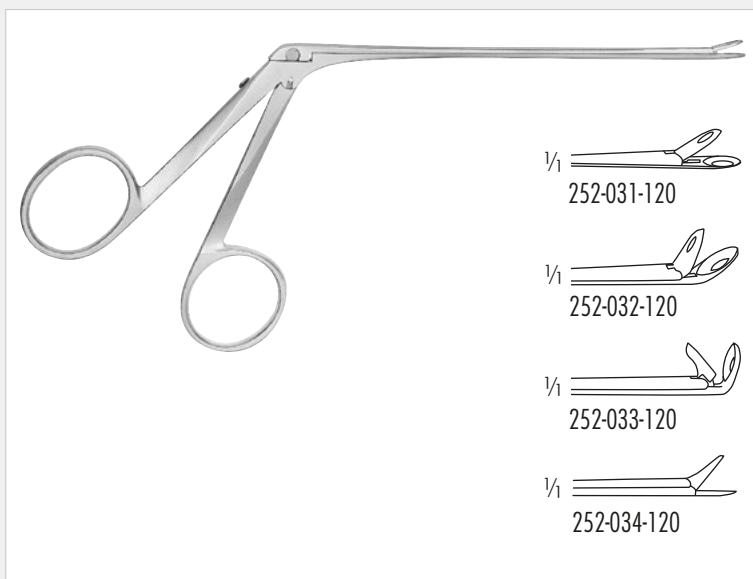
Saugstanze, gerade, Ø 4mm, rückwärts schneidend, 2,5mm Schnitt,
 Arbeitslänge: 100 mm
 Suction Punch, straight, backward cutting, Ø 4mm, 2.5mm bite,
 working length: 4 inch



- 252-015-300 Aufwärts/upside
 252-015-310 Links/left
 252-015-320 Rechts/right
 252-015-400 Aufgewinkelter Schaft, aufwärts
 Upturned shaft, upside

OSTROM

Saugstanze, Ø 4mm, rückwärts schneidend, 2,0mm Schnitt,
 Arbeitslänge: 100 mm
 Suction Punch, Ø 4mm, backward cutting, 2.0mm bite,
 working length: 4 inch



- 252-031-120 gerade/straight
 252-032-120 45° aufgebogen/45° angled up
 252-033-120 90° aufgebogen/90° angled up

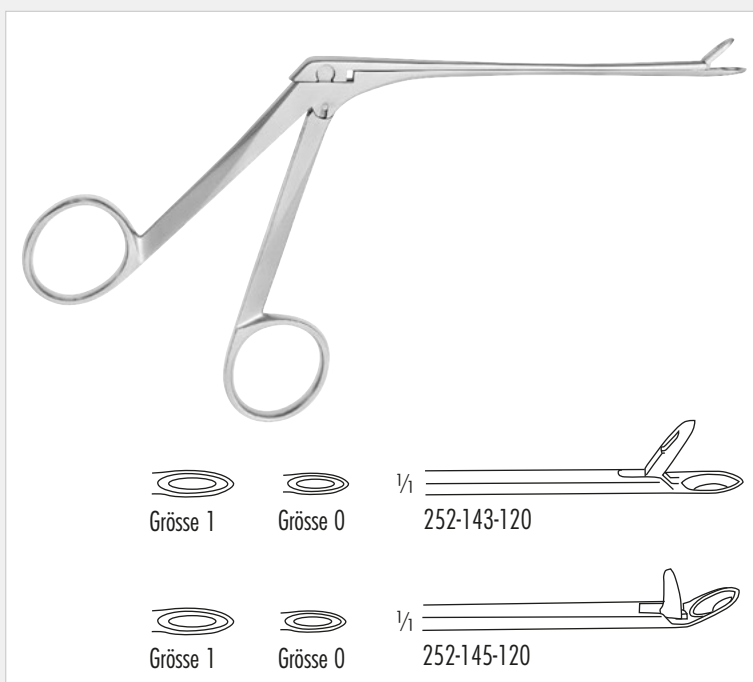
STRUEMPEL

Nasenzängchen, mit ovalem, gefensterterem Löffelmaul, 120 mm
 Nasal forceps with oval fenestrated cupped jaws, 4 3/4 inch

252-034-120

BELLUCCI

Scherchen, gerade, 100 mm
 Scissors, straight, 4 inch



- 252-143-120 Größe/size 0, 2 mm
 252-144-121 Größe/size 1, 2.5 mm

STRUEMPEL-VOSS

Blakesley Zange, gerade, 120 mm
 Blakesley forceps, straight, 4 3/4 inch

- 252-145-120 Größe/size 0
 252-146-121 Größe/size 1

STRUEMPEL-VOSS

Nasenzange, fein, 45° aufgebogen, 120 mm
 Nasal forceps, delicate, 45° angled up, 4 3/4 inch



FULL HD



300-001-800 HD Camera F3 - High End

PURE NATURAL COLORS



F3 - The pride of the RZ Equipment range and flagship in medical camera systems. A Full HD camera system generates crystal clear images of highest resolution with 1920 x 1080 p. The latest MOS technology produces pure natural colors for safe and unequivocal diagnoses. A user-friendly multilingual menu allows a large variety

of setups for individual procedures and surgeons preferences. The ergonomic camera head features 3 remote control buttons which can be programmed by the user as required during surgery. A multitude of digital video outputs allows the best possible picture transmission to the medical grade monitors.

Features:

- 3-Chip Full HD camera with latest MOS technology for brilliant picture quality
- User-friendly multilingual menu allows a large variety of setups for individual procedures and surgeons preferences
- Ergonomic camera head with 3 programmable remote control buttons by the user as required during surgery

- Multitude of digital video outputs for best possible picture transmission to the medical grade monitors
- Full HD • HDMI output
- White balance, boost function • On-screen-menu
- 3 user settings storable • 2.5x digital zoom
- Freeze function • Character generator

Delivery contains:

- Main Unit • Camera head • YPbPr/RGB cable
- BNC cable • HDMI - DVI cable • HDMI cable
- S-Video cable • Jack Cable • Mains cable
- User manual



300-001-802
High-End camera
head included



FULL HD

300-001-802
High-End 3-Chip Camera Head
Full HD 1920 x 1080 p



300-001-615
Title generator keyboard, waterproof IP68
US-Layout, PS/2 Connector, cable 1.8m
Color: grey, 305x140x15mm, 600gr.



300-001-610
Footswitch for HD Cameras,
cable length: 2m



User-friendly, splash-
proofed display



Skid-proof pedestals

Technical Data

Camera head	- Aspect ratio: 16:9 - Image sensor: 3 - Chip - Immersible (using the attached cap)	Video out terminal	2 x HD SDI 1 x HDMI / DVI 1 x YPbPr (Component) 1 x Y/C (Pal / NTSC) 1 x CVBS (Pal / NTSC)
System	- Image resolution: Full HD 1920 x 1080 - TV resolution: > 1000 lines - Sensitivity: < 3 lux (1/1.4) - White balance automatically, with data hold - shutter speed: 1/50 (1/60) to 1/100.000 sec - Power supply: 100 / 240 V, 50-60 Hz - Power consumption: 20W - Fuses: 2 Fine fuses, 5x20 mm, delay acting 3,15 AT (I=1500A)	Standard	- Protection class: I - Application part: Type BF - IEC 601-1, EN 60601-1; classification acc. 93/42/EEC: I
		Dimensions	Control unit: 380 x 120 x 360 mm (WxHxD); 11 kg



300-001-600 HD Camera F1

The new F1 Camera system fulfills the need of high resolution in Video Endoscopic Surgery. Thanks to Full HD resolution combined with newest technology this camera generates cristal-clear images with highest attention to detail that allows better diagnostics and efficient surgery.

Features:

- 1-Chip Full HD camera of the latest generation, with superior image quality in high definition
- Natural color reproduction
- High-end image quality is provided by fully digital, high-speed image processing, separated for red, green and blue channels
- Significantly higher image quality and virtually all movements are eliminated
- Full HD • HDMI out • White balance, boost function
- On-screen-menu • 3 user settings storable • 2.5x digital zoom
- Freeze function • Character generator

Technical Data

Line Voltage	100-240 VAC
Sensor	1/3" MOS
TV resolution	1920x1080 pixels (Full HD)
Image resolution	>1000 TV lines, horizontal
Index ratio	16:9
Min. sensitivity	<3lx (1/1.4)
Video Outputs	1 x HDMI 1 x YPbPr / RGB 1 x S-Video (Y/C; Pal / NTSC) 1 x Video (CVBS; Pal / NTSC)

Manufactured and tested according to	IEC 601-1, EN 60601-1, MDD 93/42/EEC
CE marking according to	MDD 93/42/EEC
Protection Class	I
Application part	BF
Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g

Full HD

Delivery contains:

- CCU • Camera head with 3m cable
- Mains cable • YPbPr/RGB cable
- BNC cable • HDMI - DVI cable
- HDMI cable • RGB cable
- User manual

Optional available:

- 300-001-615 Title generator keyboard
300-001-610 Footswitch for HD Cameras



USB port for use with flash drives to record data

300-001-410 Camera Z2

The new Z2 Endoscopic Camera is a universal system suitable for both diagnostics and surgery. The 1 CCD technology generates clear pictures with a high resolution and natural colors. A digital Anti Moiré filter automatically eliminates disturbing distortions when using flexible endoscopes. Pictures and Movies can be stored easily on a USB stick. The collected information

Features:

- State-of-the-art CCD-Camera, true colour reproduction
- All features of the camera can be directly controlled and set up on a menu
- To be prepared to work under extreme illumination conditions, the control unit offers further features to improve the image quality (WINDOW- and PEAK-function)
- Lightweight camera head ensures fatigue-free working

can be used for an extensive documentation of the procedure. The lightweight camera head ensures a fatigue-free working. All features of the camera can be directly controlled and set up on a menu which is shown on the monitor. The 3 remote control buttons on the camera head can be programmed by the user as required during surgery.

Delivery contains:

- CCU • Camera head • USB cable • Composite cable
- YPbPr/RGB cable • BNC cable • Jack cable
- 4GB USB Stick • Mains cable • User manual

Technical Data

Line Voltage	100-240 VAC, 50-60 Hz
Resolution	active pixels: - 752 H x 582 V - 768 H x 494 V
TV resolution	470 lines
Sensitivity	1 lux (1/1.4)
Aspect ratio	4:3
Image Sensor	1/3" CCD
Video Outputs	• 2 x CVBS (1Vpp/75Ω), BNC • 2 x Hosiden (Y/C) • 1 x YPbPr • 1 x SDI • 1 x USB

Protection Class	I
Application part	BF
Manufactured and tested according to	IEC 601-1ff, EN 60601-1ff
CE marking according to	MDD 93/42/EEC
Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g



300-001-400 Camera Z1

The new Z1 Endoscopic Camera is a universal system suitable for both diagnostics and surgery. The 1CCD technology generates clear pictures with a high resolution and natural colors. A digital Anti Moiré

filter automatically eliminates disturbing distortions when using flexible endoscopes. All features of the camera can be directly controlled and set up on a menu which is shown on the monitor.

Features:

- State-of-the-art Color - CCD-Camera
- True color reproduction
- To be prepared to work under extreme illumination conditions, the control unit of the camera offers further features to improve the image quality (WINDOW- and PEAK-function)
- Lightweight camera head ensures a fatigue-free working

Delivery contains:

- CCU • Camera head • USB cable • Composite cable
- YPbPr/RGB cable • BNC cable • Jack cable
- Mains cable • User manual

Technical Data

Line Voltage	100-240 VAC, 50-60 Hz	Protection Class	I
Resolution	active pixels: - 752 H x 582 V - 768 H x 494 V	Application part	BF
TV resolution	470 lines	Manufactured and tested according to	IEC 601-1ff, EN 60601-1ff
Sensitivity	1 lux (1/1.4)	CE marking according to	MDD 93/42/EEC
Aspect ratio	4:3	Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g
Image Sensor	1/3" CCD		
Video Outputs	• 2 x CVBS (1Vpp/75Ω), BNC • 2 x Hosiden (Y/C) • 1 x YPbPr • 1 x SDI		

FULL COMPLEMENT OF HEAD CONFIGURATIONS



300-001-813 f=14mm
300-001-814 f=25mm
300-001-815 f=28mm
c-mount, soakable, Full HD



250-015-036
Zoom-TV-Adapter
f=15 - 36mm
c-mount, soakable
Full HD

FULL HD



250-020-025 F=25mm (splitting 90/10)
250-020-030 F=30mm (splitting 90/10)
Beamsplitter, allows simultaneous video and
direct views, c-mount, soakable, Full HD



250-022-025 F=25mm
250-022-030 F=30mm
Angled 90°, with swivel and fixation,
c-mount, soakable, Full HD

DAViD instinctive diagnostic & record central data software

Software system for the collecting and archiving of video findings in the medical field based on state-of-the-art PC technology Windows VISTA / XP, DirectX, DV digital Video – device independent

Multilingual

English, French, German, Italian, Russian, Spanish

Intuitive

dialog-oriented user interface for smooth integration into everyday practice

Ready for network

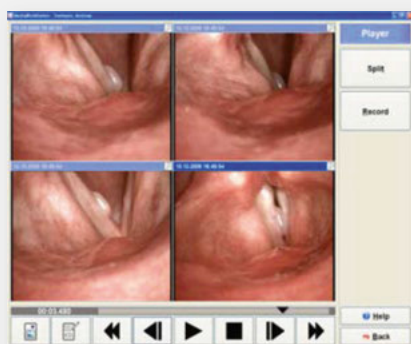
one point data storage and simultaneously video recordings

Integrated license module

after a demo period of 30 days the software needs to be activated via an activation key

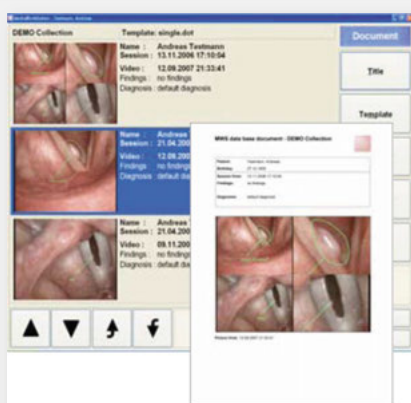
300-001-190 Software, full Version

300-001-192 Software, without recording possibilities



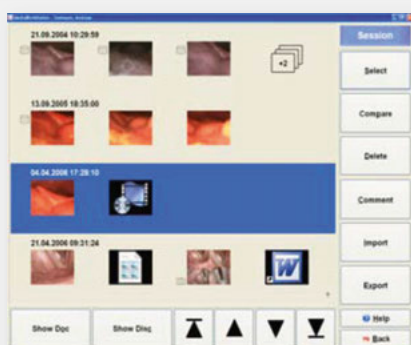
Diagnostics & Results

- high video and freeze image quality / natural reproduction of motion sequences
- Multiple-split display during recording and playing
- automatic optimization of stroboscopic recordings
- recording controllable by foot or camera switch
- simple-to-use video cut function
- integrated database of findings and diagnoses allows quick workflow
- **integrated On-Screen-KeyBoard for touch screen displays**



Recordings & Documentation

- graphics marks for emphasizing of findings
- MPEG2 video export with optional overlay of patient data and session comments
- integrated CD/DVD recording
- image export in the DICOM format
- Compare-function for videos and pictures
- automatic creation of diagnostic letters in MS Word format with freely definable document templates
- textual export of patient and diagnostic data for passing on and statistical evaluations



Management

- patient data is stored in structured database
- automatic assignment of videos, findings, diagnoses and comments to patients and data sets
- search and edit functions
- drag'n'drop import of pictures and documents
- native support for MediCapture USB sticks
- data exchange with other systems via remote interface
- user management for controlling access and edit rights

LED



300-900-300 LUMEN LED 3

PHASER[®] TECHNOLOGY

Latest PHASER[®] Technology for unsurpassed medical lighting. Excellent light sources are characterized by high color rendering, high luminance and a very low ultraviolet and infrared radiation. With the LUMEN LED 3 light source RZ Medizintechnik offers the latest

technology in medical lighting, Made in Germany. Whether the light source is used with modern head lights or in endoscopic surgeries, the new PHASER[®] technology always generates enough light for meaningful pictures.

Features:

- More than 10.000h lamp lifetime
- Latest PHASER[®] – Technology
- Waterproof touch control panel
- High color rendering
- High luminance
- Daylight color temperature
- Low noise level
- No UV or IR light
- Low power consumption

Delivery contains:

- Main Unit • BNC cable • Mains cable
- User manual



Automatic light control



Controlable daylight quality

Technical Data

Mains voltage	100-240 VAC, 50-60 Hz
Power consumption	300W
Mains fuses	2 Fine fuses, 5x20mm, delay acting 6,3 AT, with high breaking capacity (Ia = 1500 A)
LED Lifetime	> 10.000h
Color temperature	6000 – 6500° K
Connections	Light guide STORZ
Video-IN terminal	1 x VHS (BNC)
Service	1 x RJ45
Storage temperature	- 20°C to +60°C
Operation temperature	+10°C to +40°C

Relative humidity	
Storage:	10% to 90%
Operation:	30% to 75%
Atmospheric pressure	
Storage:	600 mbar to 1300 mbar
Operation:	700 mbar to 1060 mbar
Classification / Conformity	1 / BF
Test according to	IEC 601-1ff, EN 60601-1ff
CE marking according to	MDD 93/42/EEC
Dimensions	380 x 125 x 360 mm (WxHxD)
Weight	approx. 12.5 kg

LED



300-900-180 LUMEN LED 1

Benefit of the newest LED technology - this Light Source offers increased luminous efficiency by lowest heat conduction and operating costs. The daylight quality LED Lamp lifetime is more than 20.000 hours to provide enhanced working.

Features:

- More than 20.000h lamp lifetime
- Manual or automatic light control
- Waterproof touch control panel
- Low heat conduction by improved LED technology
- Daylight color temperature 6000 – 6500° K for accurate color representation

Delivery contains:

- Light source
- Mains cable
- BNC cable
- User manual



Automatic or manual light intensity control



Digital light intensity display

Technical Data

Lamp	100W LED (approx. 1300 lm) Daylight quality, 6000-6500 K Lifetime: more than 20.000 hr	Video In (opt.)	1x Video, 1x S-Video (Y/C) (automatic Version only)
Light guide connection	RZ/Storz adapter	Standard	Protection class: I Application part: Type BF IEC 601-1, EN 60601-1; classification acc. 93/42/EEC: I
System	Power supply: 100/240 VAC, 50-60 Hz Fuses: 2 Fine fuses, 5x20mm, delay 6,3 AT (I=1500A) Power consumption: 100W	Dimensions	380 x 120 x 360 mm (WxHxD); 11 kg



300-001-308 LUMEN X7	300-001-305 LUMEN X5
2 turret adapters (revolvable) • RZ, Storz • Wolf • Olympus • ACMI	1 turret adapter (revolvable) • RZ, Storz • Wolf • Olympus • ACMI
300 Watt Xenon arc lamp 150 Watt Halogen spare lamp	300 Watt Xenon arc lamp 150 Watt Halogen spare lamp
Power Consumption: 370 Watt	Power Consumption: 370 Watt

These new high-performance Xenon daylight sources provide excellent illumination and a long lamp lifetime for at least 500 hours. After activating the automatic function and with plugged BNC-Cable, the device

automatically controls the intensity to guarantee the optimal image for the surgeon. The turret adapter enables an universal connection of the most common light guides.

Features:

- Automatic light intensity control • Pure daylight quality • Easy lamp replacement • > 500hr lamp lifetime
- Mechanical diaphragm to adjust the output intensity without any influence on the color temperature

Delivery Contains:

- Light Source • BNC Cable • Mains Cable • User Manual



Automatic and manual light control



Lamp lifetime indicator



300-001-181 XENON Spare Lamp 180 Watt
300-001-301 XENON Spare Lamp 300 Watt

Technical Data

System	Power supply: 100-240 V AC,	50-
60 Hz		
Fuses	2 Fine fuses, 5x20 mm, delay 6,3 AT (I=1500A)	
Video In	1 x VBS (1Vpp/75), BNC only)	
Protection class	I	
Application part	Type BF	
Classification	IEC 601-1, EN 60601-1	
CE marking according to	MDD 93/42/EWG	
Dimensions	380 x 120 x 360 mm (WxHxD)	
Weight	approx. 11kg	



X3



300-001-300 LUMEN X3

300 Watt Xenon arc lamp

Power Consumption: 370 Watt

Pure daylight quality together with low noise and heat conduction - this Xenon Light Sources offers all functions needed to illuminate the field of view. The lamp can be replaced simply.

Features:

- Manual light intensity control
- Pure daylight quality
- Easy lamp replacement
- > 500hr lamp lifetime
- Lap fixed in a reflector - calibration is not necessary
- Mechanical diaphragm to adjust the output intensity without any influence on the color temperature
- RZ/Storz light guide

Delivery Contains:

- Light Source
- BNC Cable
- Mains Cable
- User Manual



Manual light intensity control



Lamp lifetime indicator



300-001-181 XENON Spare Lamp 180 Watt

300-001-301 XENON Spare Lamp 300 Watt

Technical Data

System	Power supply: 100-240 V AC,	50-
60 Hz		
Fuses	2 Fine fuses, 5x20 mm, delay 6,3 AT (I=1500A)	
Video In	1 x VBS (1Vpp/75), BNC only)	
Protection class	I	

Application part	Type BF
Classification	IEC 601-1, EN 60601-1
CE marking according to	MDD 93/42/EWG
Dimensions	380 x 120 x 360 mm (WxHxD)
Weight	approx. 11kg

High Temperature XENON Light Cables

Features:

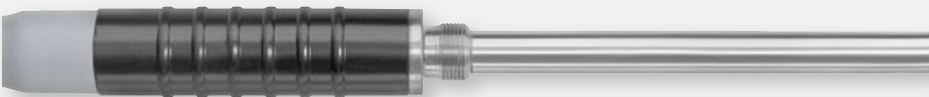
- Melt protection
- XENON/LED suitable
- Bending protection

FIBER OPTIC CABLE				
	Ø 2.5mm	Ø 3.5mm	Ø 4.8mm	
ENDOSCOPES	Ø 2.9mm	✓	✓	X
	Ø 4mm	X	✓	X
	Ø 5mm	X	X	✓
	Ø 10mm	X	X	✓

COMPATIBILITY NOTE:

A fiber optic cable with a bigger opening does not increase the light output of an instrument with a small opening.

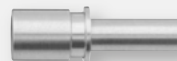
For example: a Ø 4.8mm fiber optic cable adapted to a Ø 2.9mm or Ø 4mm endoscope may lead to burning at the light entry of the endoscope and even endanger the patient.



Adaptor pieces for fibre light guide to use with light source

XENON light guide, without adaptor pieces

250-025-230	Ø 2.5 mm, 2300 mm
250-025-300	Ø 2.5 mm, 3000 mm
250-035-180	Ø 3.5 mm, 1800 mm
250-035-230	Ø 3.5 mm, 2300 mm
250-035-300	Ø 3.5 mm, 3000 mm
250-048-180	Ø 4.8 mm, 1800 mm
250-048-230	Ø 4.8 mm, 2300 mm
250-048-300	Ø 4.8 mm, 3000 mm



250-039-000 RZ/Storz



250-037-000 Wolf



250-038-000 ACMI/British Standard
CUDA



250-044-000 Olympus



250-048-000 Luxtec



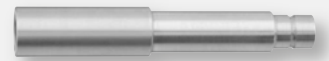
250-045-000 Olympus - Standard



250-042-000 RZ/Storz/Olympus



250-051-000 Stryker



250-052-000 Heine



250-040-000 Wolf



250-059-000 Pentax



250-041-000 ACMI/British Standard

Adaptor pieces for fibre light guide to use with endoscope





700-350-400

Highfrequency Surgery Generator

for bipolar TUR-B/P and monopolar TUR-P

- Detects and identifies connected instrument automatically
- Powerstart System simplifies the beginning of cutting process
- Automatic power regulation
- 105 different memory locations in 7 groups
- Various output configuration of the sockets available
- Footswitch



Touchscreen

Technical Data

SAFETY FEATURES

Class / Grade	I / CF
Low-frequency leakage currents	acc. to IEC 60601-1
High-frequency leakage currents	acc. to IEC 60601-2-2
Generator operation frequency	333 kHz
Defibrillation impulse resistance	acc. to EN 60601-1
NEM System	neutral electrode control optical indication 7 levels required resistance < 240 Ω

ARGON*

Gas Type	pure argon 4.8 (99,998%) or higher
Inlet gas pressure	0.25-0.4 [MPa]
Gas Outflow	0.1-10 l/min, regulated 0.1 l/min in whole range
Pressure Range	reducer (0.4 MPa) on argon cylinder

THERMOSTAPLER® **

Vessel sealing system	9 effects/300W
AutoStop	automatic stop of sealing process after achieving the optimal effect

WEIGHT AND DIMENSIONS

Weight	12.2kg
Dimensions	495 x 415 x 225mm (LxWxH)

POWER SUPPLY

Supply voltage	230 V +/- 10% 50 Hz or 110 V +/- 10% 60 Hz
Rated power input	500W



Cutting and Coagulation features

MONOPOLAR CUTTING

Mono Cut	9 effects/350W
Precise Cut	9 effects/50W
Mixed Cut	9 effects/150W
Polipo Cut**	9 levels
Papillo Cut**	9 levels
Arthro Cut**	9 levels
Uro Cut**	9 levels
Hystero Cut**	9 levels
Argon Cut**	9 effects/350W

BIPOLAR CUTTING

Bi-Cut**	9 effects/120W
Uro Bi-Cut**	9 levels
Arthro Bi-Cut**	9 levels

MONOPOLAR COAGULATION

Soft Coag	9 effects/200W
Forced Coag	9 effects/200W
Spray Coag	80W
Hybrid Coag	9 effects/200W
Standard Argon*	80W
Endo Argon*	40W
Pulse Argon*	40W
Uro Coag**	9 levels
Arthro Coag**	9 levels
Hystero Coag**	9 levels

BIPOLAR COAGULATION

Soft Bi-Coag	9 effects/120W AutoStart/AutoStop
Forced Bi-Coag	9 effects/120W AutoStop
Uro Bi-Coag**	9 levels
Arthro Bi-Coag**	9 levels
Sciss Bi-Coag**	9 levels

Modifications of technical specification or design are subject to change without prior notice.

* available only for Argon version

** special mode available only for dedicated SDS cable/instrument connected



The **RZ iLumen Endovue** offers a high definition interface (HDTV) featuring high brightness, high resolution, exceptional contrast, and true color reproduction with unsurpassed visual quality. The RZ iLumen delivers the key advantages of the series from RZ in environments where only video-based images are required. Multiple sizes and high flexibility make it ideal for a wide variety of surgical and other applicati-

ons. High Definition Imaging, Superior Clarity, Consistency, Quality, Fastest Response time (10-16ms), Widest Viewing Angle, Widest colour Gamut, Programmable User and Modality Preferences, Re-Drive Capability Enables Image Viewing on Multiple Displays, Video-Switching with Serial Port Interface, Save low Voltage 24 VDC Remote Power, Compact and lightweight.

Model / Type	300-001-145	300-001-149	300-001-146
Size	15" / 20.0x9 inches	19" / 14.8x11.9 inches	24" / 20.4x12.8 inches
Resolution	1024x768 (XGA)	1280x1024 (SXGA)	1920x1200 (WUXGA)
Signal Input	SVideo, Composite, RGBS, DVI		
Viewing angle	178°		
LCD Panel	TFT Active Matrix		



The **RZ HD iLumen RADIANCE** surgical flat panel display is the worldwide LCD monitor of choice for surgeons and operating terms. Its superior HDTV capabilities including HD — SDI and YPbPr — and sophisticated signal processing produce sharp, accurate, true and very bright images. The RZ iLumen is the only medical-grade flat panel for simultaneous use as a Radiology, Fluoroscopy, Physiology, and/or minimally Invasive Surgery display.

Full HD and Digital Capable, Full Range of Analog Surgical Inputs, DICOM Response DVI Input for PACS, Fingertip/Footswitch Instant Remote Switching between sources, High Resolution, High Bright LCD with Wide Viewing Angle, Fully Compliant Medical Grade, FDA, UL and CE Approved, Re- Drive Capability Enables Image Viewing on Multiple Display, Traditional 4:3 Aspect Ratio, Surgeon- Specific User Selectable Settings.

Model / Type	300-010-219	300-010-224	300-010-226	300-001-232
Size	19" / 14.8x11.9 inches	24" / 20.4x12.8 inches	26" / 22.7 x 12.7 inches	32" / 27.5x15.4 inches
Resolution	1280x1024 (SXGA)	1920x1200 (WUXGA)	1920x1080 (FULL HD)	1920x1080 (FULL HD)
Signal Input	SDI, HD-SDI, RGBS, YPbPr, SVideo, Composite, DVI, VGA			
Viewing angle	178°			
LCD Panel	TFT Active Matrix with IPS			



The 21" iLumen Endovue SE delivers the image performance of a high-end surgical display at a fraction of the cost. Targeted for cost-sensitive emerging markets this monitor is a great value. It features an LED backlight and supports both digital and analog high-definition video inputs. The 21" iLumen Endovue SE is an affordable alternative to a full-featured surgical display.

It accommodates high-definition signals from a variety of medical imaging sources, including endoscopes, ultrasound, PACS, and vital signs. It also features a fanless cooling design to minimize the risk of spreading airborne contaminants within the sterile field.

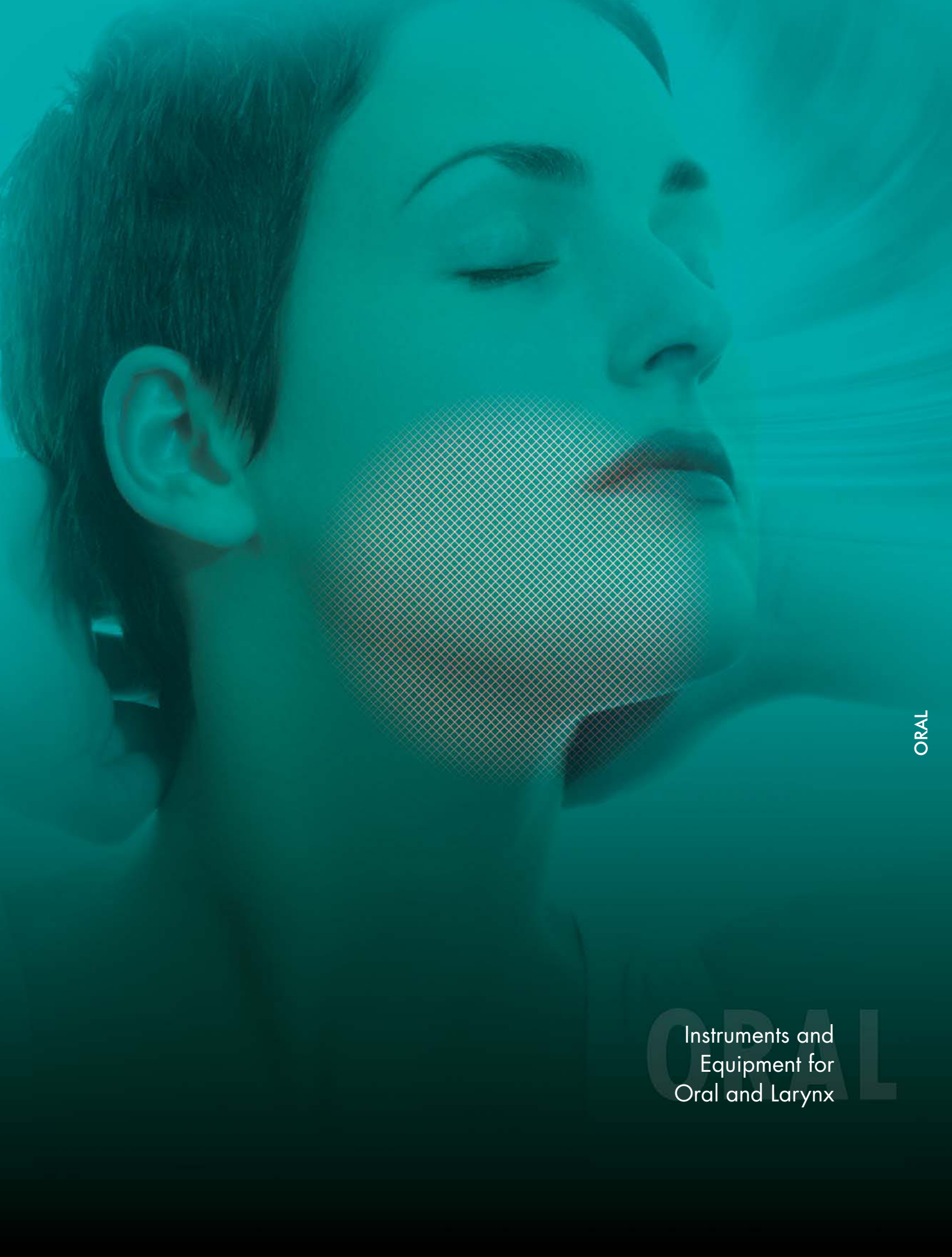
ONLY AVAILABLE OUTSIDE EU + NORTH AMERICA

Model / Type	300-001-148
Size	21,5" / 18.8 x 10.6 inches
Resolution	1920 x 1080 (Full HD)
Signal Input	DVI, RGBS, YPbPr, VGA, S-Video, Composite
Viewing angle	178°
LCD Panel	TFT Active Matrix with IPS, LED-Backlight



The innovative surgical Monitors of Sony deliver advanced image processing technology and enable physicians to see still and moving images with accurate, HD clarity and precision.

Model / Type	300-001-025	300-001-021	300-001-023	300-001-026
Size	19" / 14.8x11.9 inches	21" / 18.8x10.7 inches	24" / 20.4x12.8 inches	24" / 20.4x12.8 inches
Resolution	1280 x 1024 (SXGA)	1920x1080 (FULL HD)	1920x1200 (WUXGA)	1920x1080 (FULL HD)
Signal Input	Composite, Y/C, RGB (BNC), HDMI, Audio Jack	Composite, Y/C, RGB (BNC), HDMI, Audio Jack	Composite, Y/C, RGB (BNC), DVI-D, VGA	Composite, Y/C, RGB (BNC), DVI-D, VGA
Viewing angle	170°			
LCD Panel	a-Si Active Matrix TFT	a-Si Active Matrix TFT	a-Si Active Matrix TFT LED	Medical OLED



ORAL

ORAL
Instruments and
Equipment for
Oral and Larynx

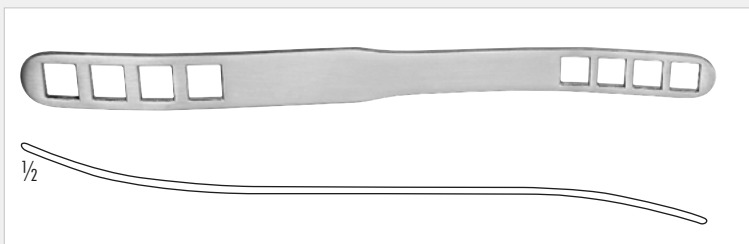


430-361-190
BUCHWALD
Zungenspatel, 180 mm
Tongue depressor, 7 inch

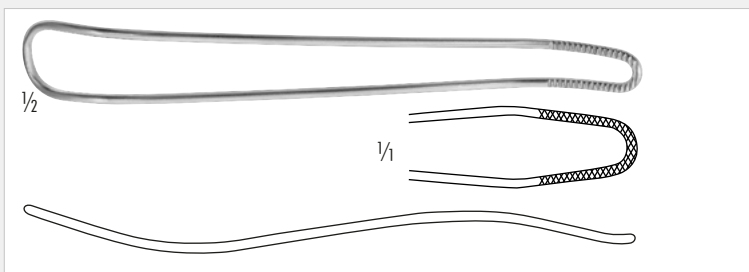


430-362-170
MAYO
Zungenspatel, 170 mm
Tongue depressor, 6 2/3 inch

430-363-170
MAYO
Zungendrucker, s-gebogen, 19 / 23 mm breit, 170 mm
Tongue depressor, s-curved 19 / 23 mm wide, 6 2/3 inch



430-385-190
BRUENINGS
Zungenspatel, 190 mm
Tongue depressor, 7 1/2 inch



430-396-165
FRENZEL
Zungenspatel, 165 mm
Tongue depressor, 6 1/2 inch



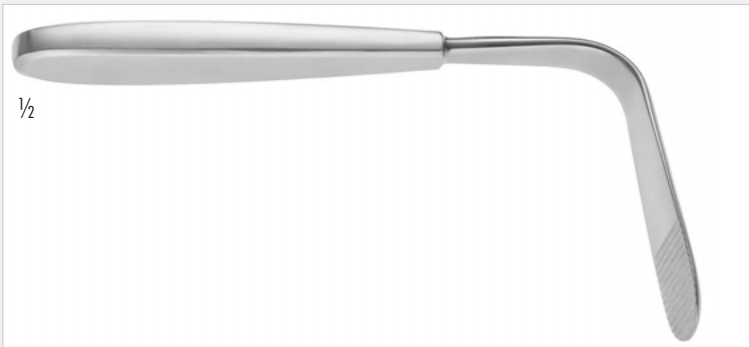
430-518-150 18 mm breit/18 mm wide
430-520-150 20 mm breit/20 mm wide
430-522-150 22 mm breit/22 mm wide
LOVE
Zäpfchen Retraktor, 150 mm
Uvula retractor, 6 inch



430-397-190
MORITZ-SCHMIDT
Zungenspatel, 190 mm
Tongue depressor, 7 1/2 inch



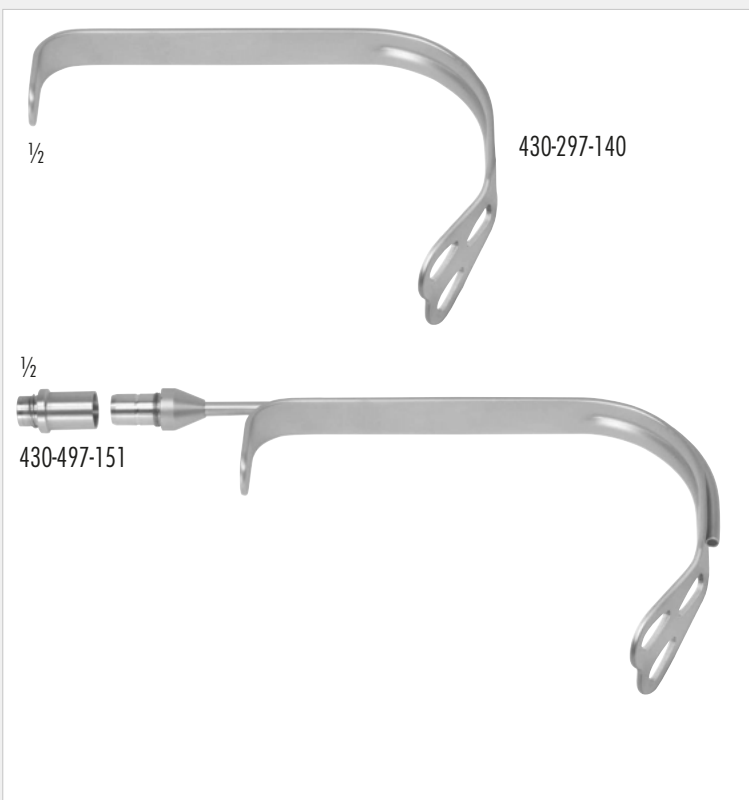
430-298-100
BOSWORTH
 Zungendrucker, 145 mm
 Tongue depressor, 5 ½ inch



430-349-145
TOBOLD
 Zungendrucker, 145 mm
 Tongue depressor, 5 ½ inch



430-271-150
HARTMANN
 Zungenspatel mit Gittergriff, 150 mm
 Tongue depressor with fenestrated handle, 6 inch



430-297-140 30 mm breites Blatt/30 mm wide blade
430-297-150 36 mm breites Blatt/36 mm wide blade
WIEDER
 Zungenspatel, gefenstertes Blatt, feine Zahnung, 125 mm
 Tongue depressor, fenestrated blade, fine serration, 5 inch

430-497-141 30 mm breites Blatt/30 mm wide blade
430-497-151 36 mm breites Blatt/36 mm wide blade
SCULPO
 Dito, mit Kaltlicht, 125mm
 Same, with Fiber Optic, 5 inch



430-350-005 55mm
 430-350-007 70mm
 430-350-009 90mm
 430-350-010 100mm

STIERLEN

Zungendrucker
 Tongue Depressor



430-150-130

HEISTER

Mundsperrer, 130 mm
 Mouth gags, 5 1/8 inch



430-140-110

DOYEN-JANSEN (MOLT)

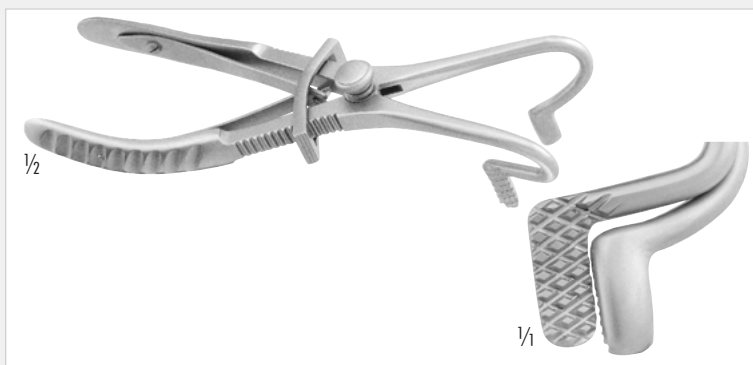
Mundsperrer, 120 mm
 Mouth gags, 4 3/4 inch



430-140-140

DOYEN-JANSEN (MOLT)

Mundsperrer, 140 mm
 Mouth gags, 5 1/2 inch



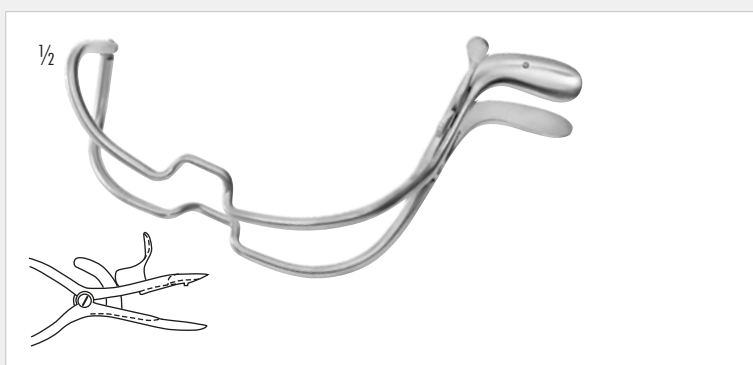
430-145-145
FERGUSON-ACKLAND
Mundsperrer, 145 mm
Mouth gags, 5 ¾ inch



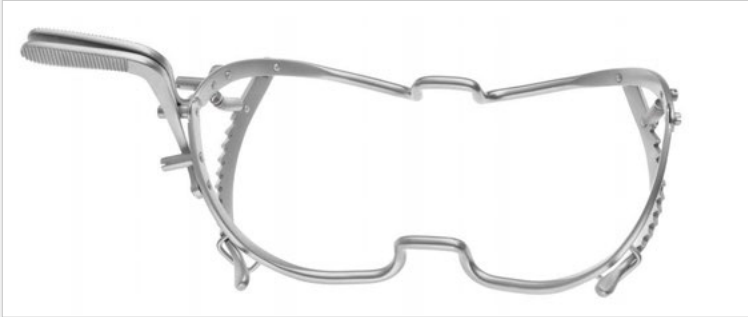
430-142-120
DENHARDT
Mundsperrer, mit Einsätzen aus Silikon, auswechselbar, 120 mm
Mouth gags, with silicone inserts, interchangeable, 4 ¾ inch



430-144-160 160 mm/6 ¼ inch
430-144-190 190 mm/7 ¼ inch
ROSER-KOENIG
Mundsperrer
Mouth gags



430-250-090 90 mm, 3 ½ inch
430-250-110 110 mm, 4 ½ inch
430-250-130 130 mm, 5 inch
430-250-150 150 mm, 6 inch
JENNINGS
Mundsperrer
Mouth gags



- 430-261-090 90 mm , 3 ½ inch
- 430-261-110 110 mm , 4 ½ inch
- 430-261-130 130 mm , 5 inch
- 430-261-150 150 mm , 6 inch

WHITEHEAD

Mundsperrer

Mouth gags



430-130-500

DAVIS-MEYER

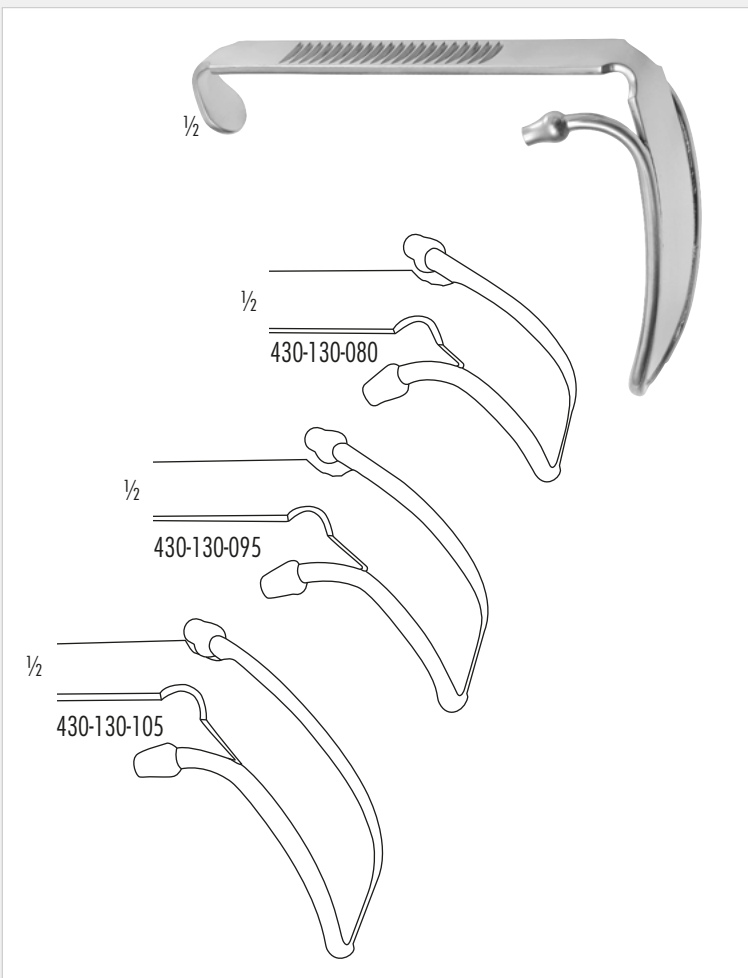
Mundsperrer, Bügel allein, mit 2 Einzelgebißplatten und 1 Doppelgebißplatte mit auswechselbaren Silikoneinlagen, passend für alle Zungenspatel

Mouth gags, frame only, with 2 single bites and one double bite, with interchangeable silicone inserts, suitable for all tongue depressors

430-130-550

Silikoneinlagen allein

Silicone insert only

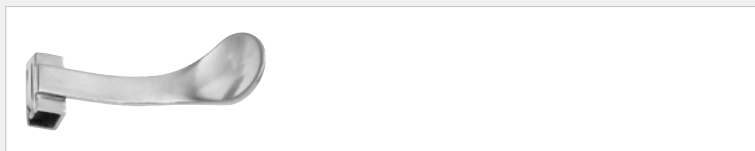


- 430-130-070 29 x 70 mm
- 430-130-075 30 x 75 mm
- 430-130-080 31 x 80 mm
- 430-130-085 32 x 85 mm
- 430-130-095 33 x 95 mm
- 430-130-100 34 x 100 mm
- 430-130-105 34 x 105 mm

DAVIS-MEYER

Zungenspatel, allein, mit Schlauchgarnitur

Tongue blade only, with tubing set for anaesthesia channel



430-130-560

Gaumenplatte zu Bügel 430-130-500, für zahnlose Patienten

Palate blade to be used with 430-130-500, for toothless patients

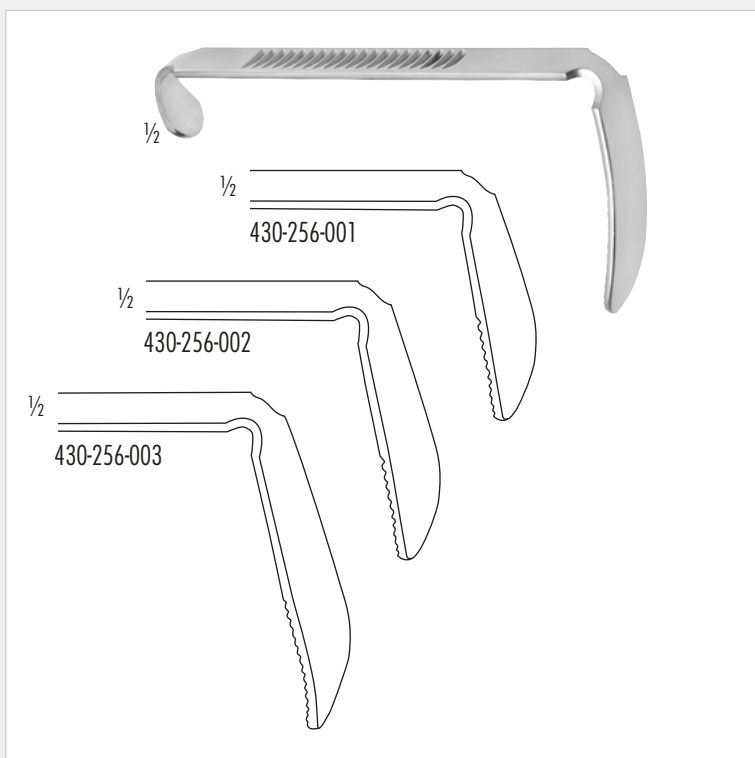


430-256-010

MC IVOR

Mundsperrer Bügel, allein

Mouth gags frame, only



430-256-001

23 x 55 mm

430-256-002

25 x 62 mm

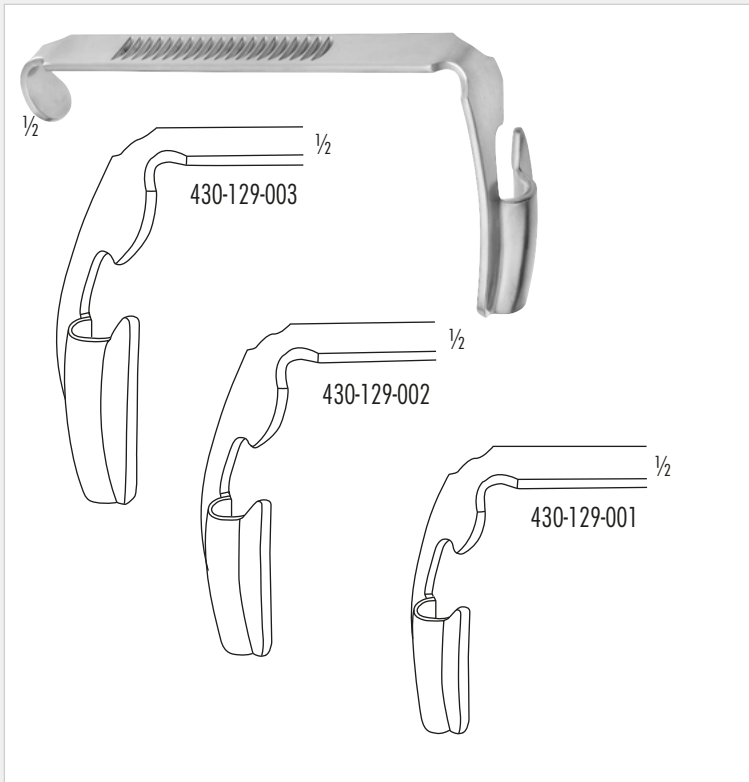
430-256-003

26 x 75 mm

MC IVOR

Zungenspatel, allein

Tongue blade, only

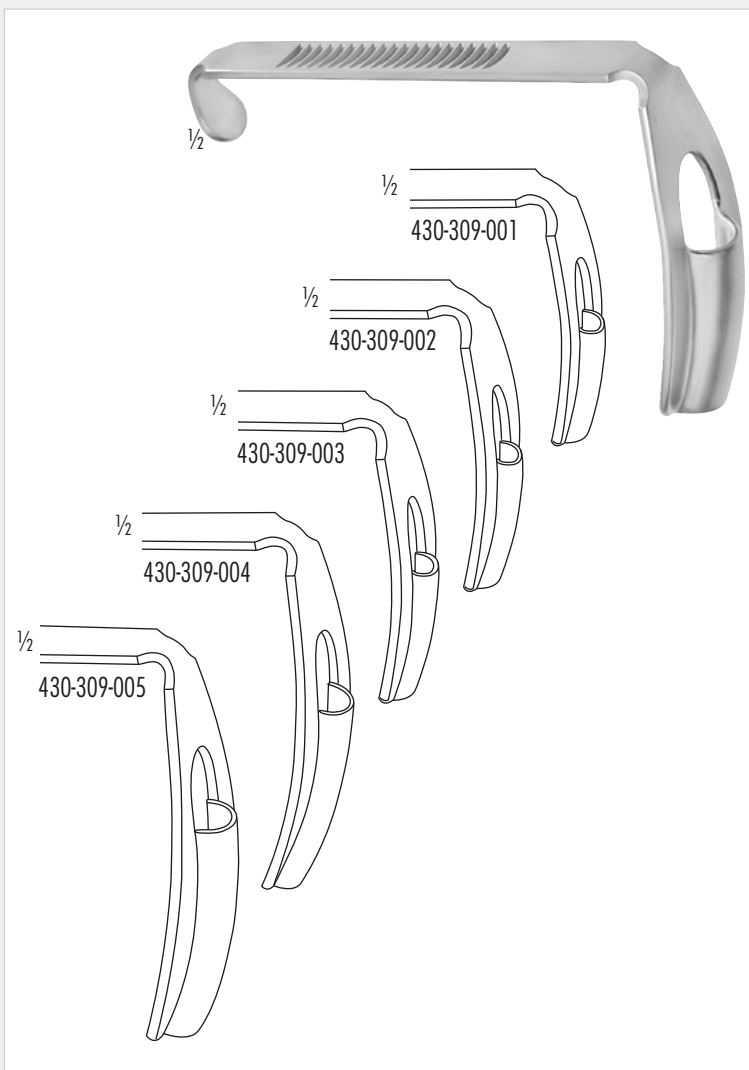


430-129-001	28 x 65 mm
430-129-002	32 x 75 mm
430-129-003	37 x 80 mm

RZ

Zungenspatel, allein, mit Mittelrinne für Intubationstubus und seitlichem Einschnitt

Tongue blade only, with groove for endotracheal tube and lateral slot

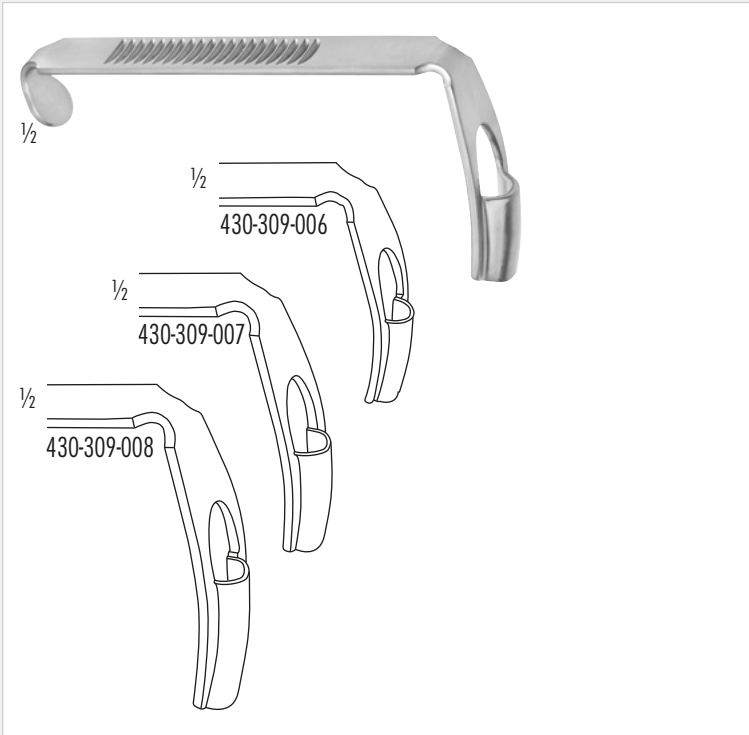


430-309-001	28 x 65 mm
430-309-002	32 x 75 mm
430-309-003	37 x 80 mm
430-309-004	41 x 94 mm
430-309-005	46 x 103 mm

RUSSEL-DAVIS

Zungenspatel, mit Mittelrinne für Intubationstubus

Tongue blade, with groove for the endotracheal tube

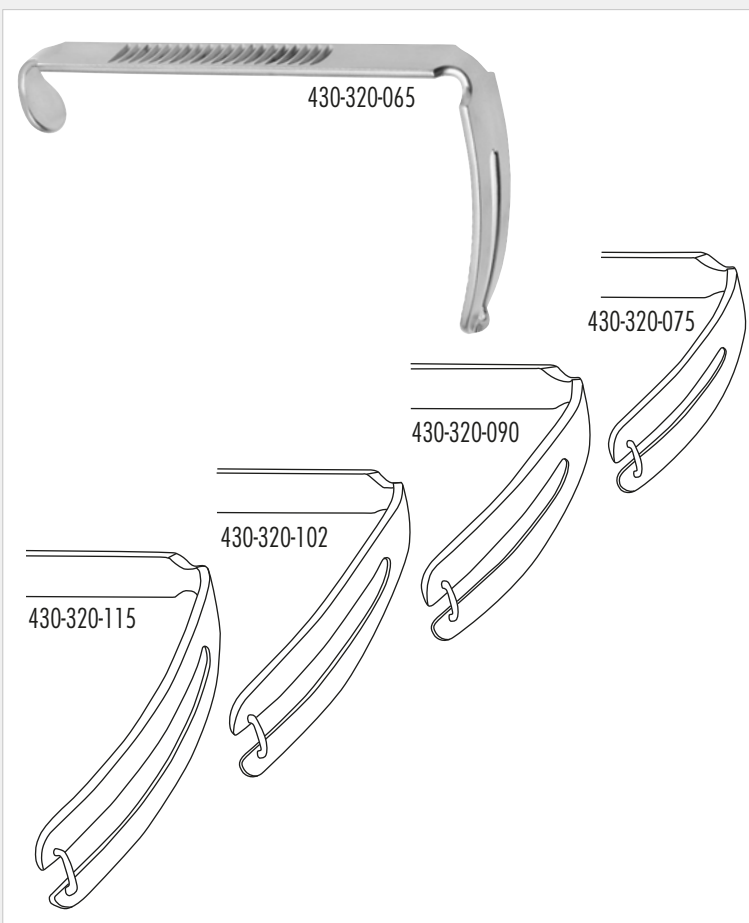


430-309-006	18 x 57 mm
430-309-007	22 x 67 mm
430-309-008	25 x 75 mm

RUSSEL-DAVIS

Zungenspatel allein, extra schmales Modell, mit Mittelrinne für Intubationstubus

Tongue blade, very narrow pattern, with groove for endotracheal tube

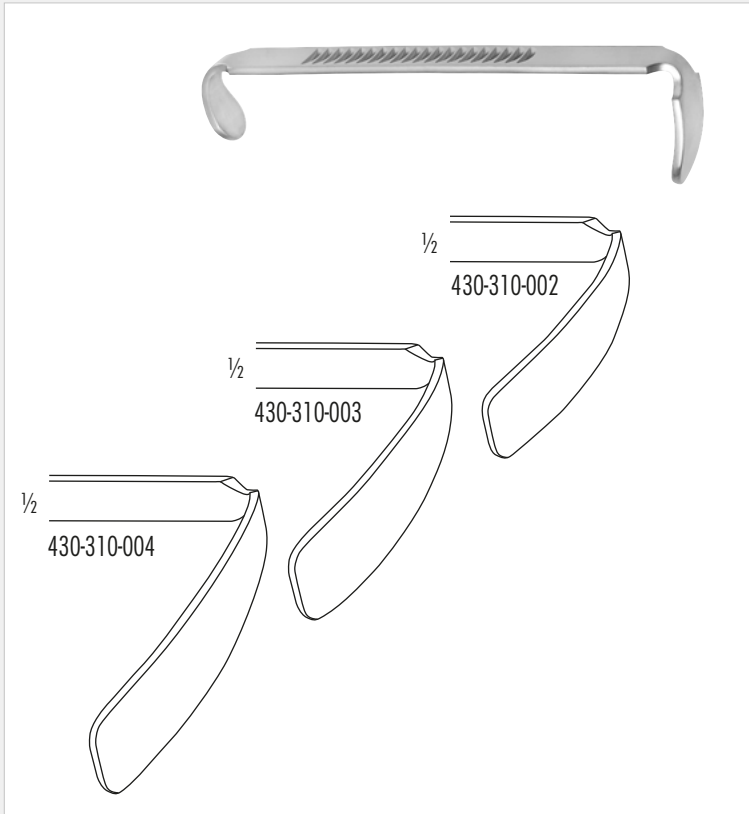


430-320-065	23 x 65 mm
430-320-075	24 x 80 mm
430-320-090	25 x 93 mm
430-320-102	26 x 108 mm
430-320-115	26 x 114 mm

DOUGHTY

Zungenspatel, mit Mittelrinne für Intubationstubus zur Verwendung mit Davis-Boyle Rahmen

Tongue blade, with slot for endotracheal tubes for use with Davis-Boyle frames



430-310-001	65 mm
430-310-002	75 mm
430-310-003	90 mm
430-310-004	102 mm

DAVIS-BOYLE

Zungenspatel, allein
Tongue blade, only



430-315-000

KILNER-DOUGHTY

Mundsperrer, links, mit 3 auswechselb. Blättern #1 bis #3
Mouth gag complete, left with 3 interchang. tongue blades #1 to #3

430-315-010

KILNER-DOUGHTY

Mundsperrer, allein
Mouth gag spreader, only

430-315-001	28 x 65 mm
430-315-002	32 x 75 mm
430-315-003	37 x 80 mm

KILNER-DOUGHTY

Zungenspatel, alleine
Tongue blade, only

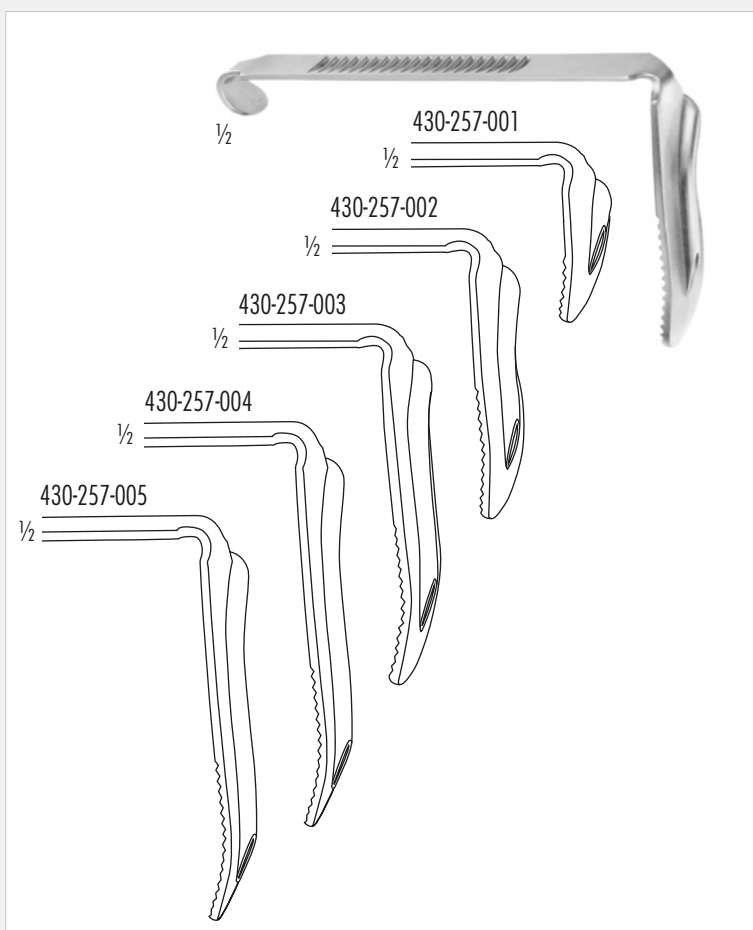


430-310-000

DAVIS-BOYLE

Mundsperrer, mit 5 Blättern, Erwachsene

Mouth gag complete, with 5 blades, adult



430-257-001 21 x 30 mm

430-257-002 23 x 65 mm

430-257-003 24 x 80 mm

430-257-004 25 x 93 mm

430-257-005 26 x 108 mm

DAVIS-BOYLE

Zungenspatel, allein, mit Intubationsrohr

Tongue blade, only, with anaesthesia channel



410-310-011

½



410-310-110

½

430-310-010 Rahmen links/frame left
430-310-011 Rahmen rechts/frame right

DAVIS-BOYLE

Mundsperrer, für Erwachsene

Mouth gag, for adult

430-310-110

DAVIS-BOYLE

Mundsperrer, Rahmen für Kinder

Mouth gag, frame for children



430-327-000

DINGMANN

Mundsperrer mit Zubehör mit Blatt-Nr.1, 2, 3

Mouth gag complete with accessories, blade #1, 2 and 3

430-327-004

DINGMANN

Mundsperrer, allein

Mouth gag, only

430-327-001 24 x 62 mm

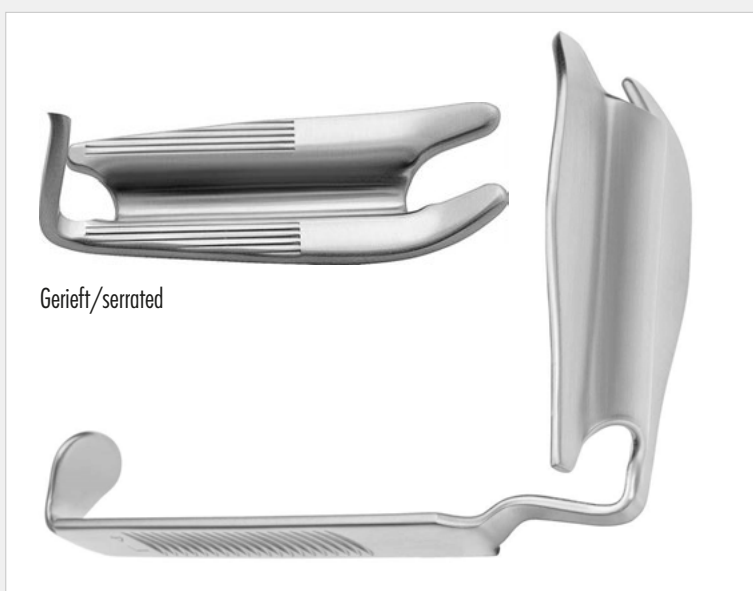
430-327-002 28 x 65 mm

430-327-003 31 x 75 mm

DINGMANN

Zungenspatel, allein

Tongue blade, only



Gerieft/serrated

Links/left

430-000-002 23 x 58 mm

430-000-003 27 x 72 mm

430-000-004 34 x 87 mm

430-000-005 37 x 95 mm

Rechts/right

430-010-002 23 x 58 mm

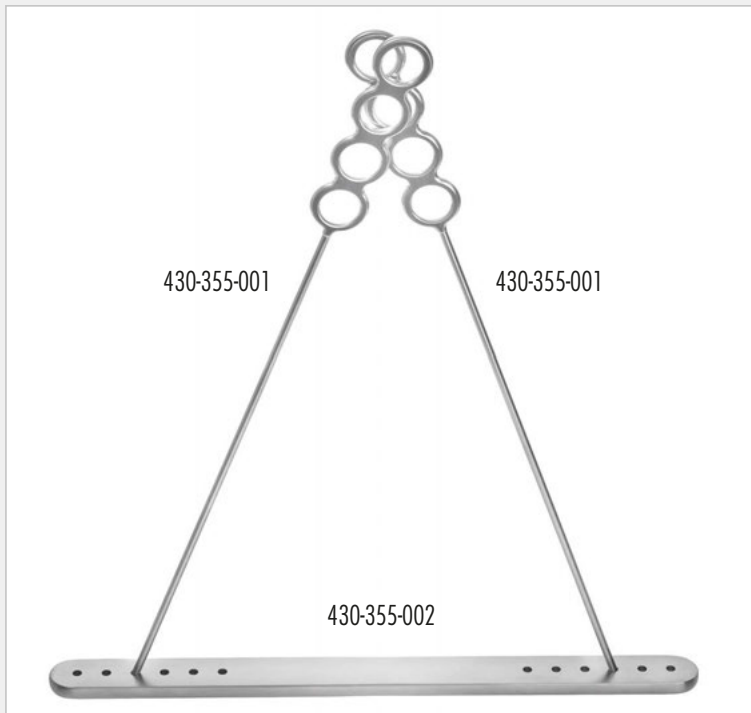
430-010-003 27 x 72 mm

430-010-004 34 x 87 mm

430-010-005 37 x 95 mm

Zungenspatel

Tongue Spatula



430-355-000

DRAFFIN

Mundsperrer Halter komplett: 2 Stützstangen + Grundplatte
für Mundsperrer-Aufhängung

Holder for mouth gag, complete: 2 bars + plate, for mouth gag fixation

430-355-001

Stützstange/Bar

430-355-002

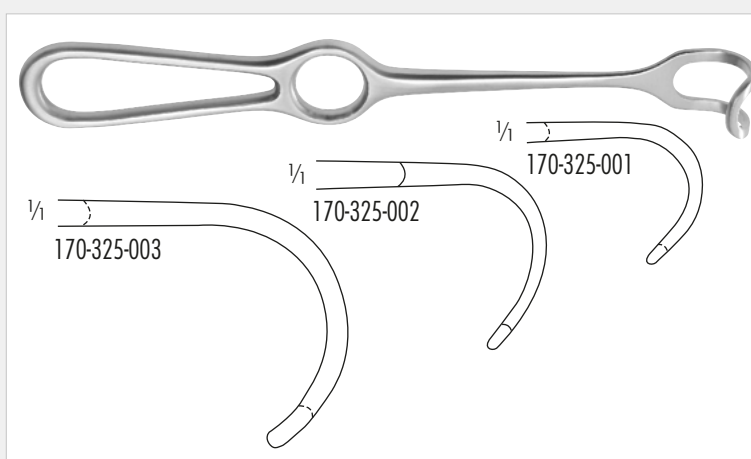
Grundplatte/Magauran Plate



430-320-000

NEGUS

Bruststütze, zur Verwendung mit Zungenspatel und Mundsperrer
Chest support, for use with tongue blade and mouth gag



170-325-001

14 x 17 mm, 215 mm, 8 3/4 inch

170-325-002

20 x 22 mm, 220 mm, 8 1/2 inch

170-325-003

26 x 30 mm, 235 mm, 9 1/4 inch

MIDDELDORPF

Wangenhalter

Cheek retractor



440-225-222

GREENE

Thyroid Retraktor, 17x25 mm, gefenstert, 220mm

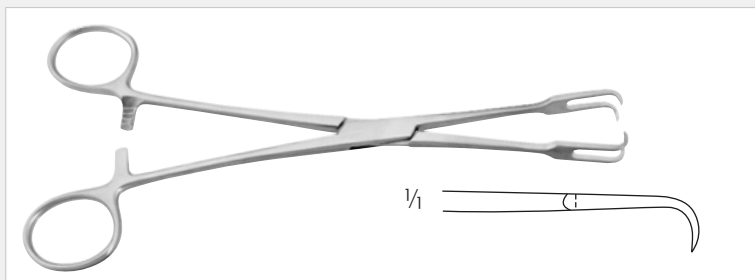
Thyroid retractor, 17x25 mm, fenestrated, 8 3/4 inch

140-602-200

MUSEUX

Tonsillenenfaßzange, 2x2 Zähne, 200 mm

Tonsil holding forceps, 2x2 teeth, 8 inch

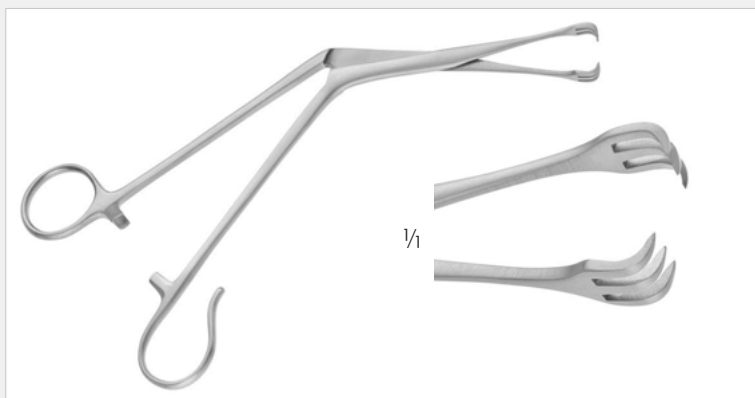


430-631-002

TIVNEN-TYDING

Tonsillenenfaßzange, 3x3 Zähne, 1 offener Ring, 210 mm

Tonsil seizing forceps, 3x3 teeth, 1 open ring, 8 1/4 inch



420-427-200

DENIS-BROWNE

Tonsillenklemme, 10mm, 200mm

Tonsil holding Forceps, 10mm, 8 inch



440-030-150

150mm, 6 inch

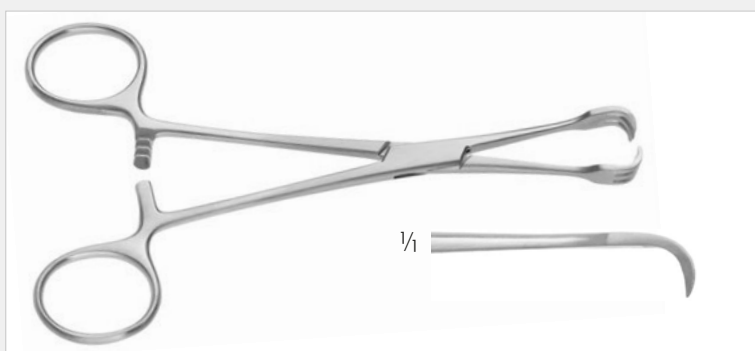
440-030-200

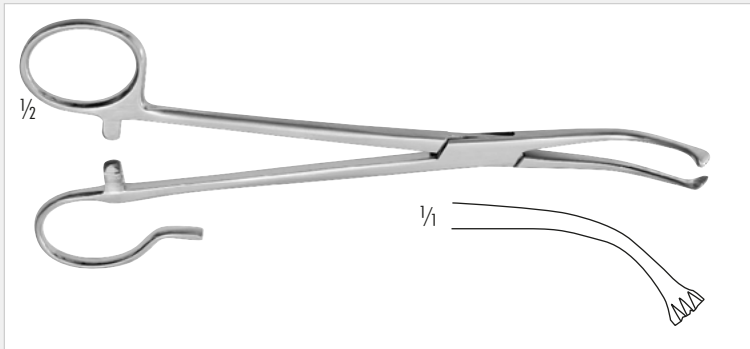
200mm, 7 3/4 inch

LAHEY

Kropfffaßzange

Goitre Seizing forceps

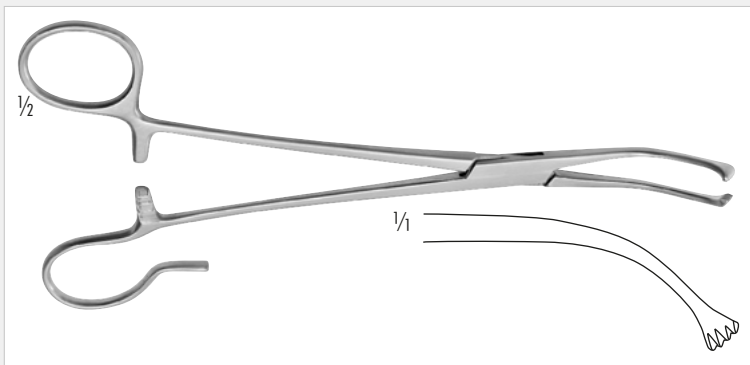




140-620-180 180 mm, 7 inch
140-620-235 235 mm, 9 1/4 inch

WHITE

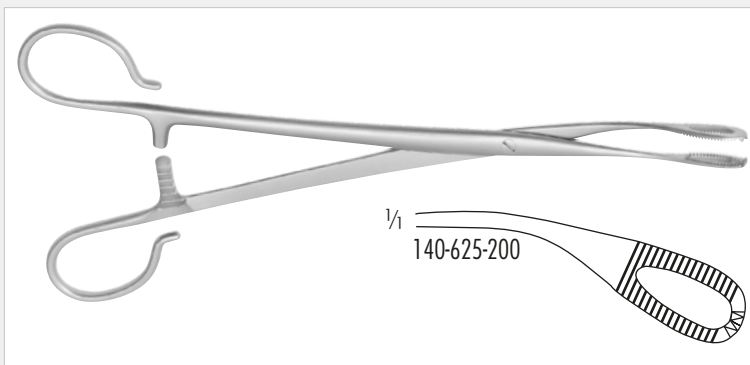
Tonsillenfaßzange, 180 mm
Tonsil holding forceps, 7 inch



140-626-190

COLVER

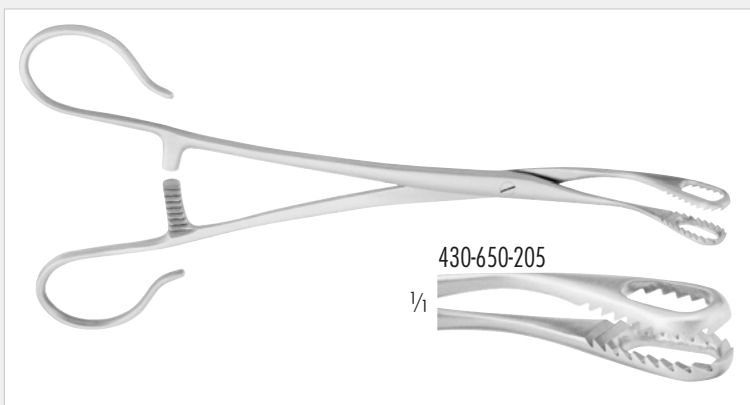
Tonsillenklemme, gebogen, 190 mm
Tonsil seizing forceps, curved, 7 1/2 inch



140-625-200

BLOHMKE

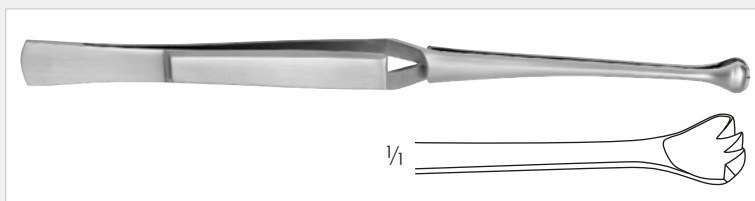
Tonsillenfaßzange, 200 mm
Tonsil holding forceps, 8 inch



430-650-205

ABRAHAM

Tonsillenfaßzange, 205 mm
Tonsil holding forceps, 8 inch



430-620-220

MARSHIK

Tonsillenfaßpinzette, 220 mm

Tonsil grasping forceps, 8 3/4 inch



Olive
Ø 7-9 mm

165-543-270 Ø 10 mm

YANKAUER

Saugrohr mit zentraler Bohrung, 270 mm

mit Schlaucholive Ø 7-9mm

Tonsil suction tube, with central drill, 10 3/4 inch
with olive Ø 7-9mm



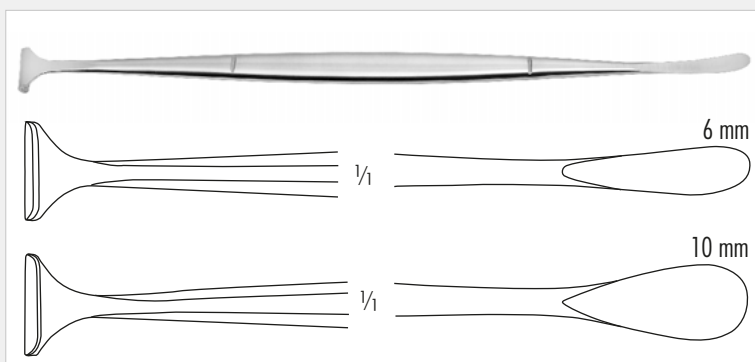
Olive
Ø 7-9 mm

430-670-235

LOPEZ-REINKE

Tonsillendissektor mit Absaugvorrichtung, 235 mm

Tonsil suction dissector, 8 1/2 inch



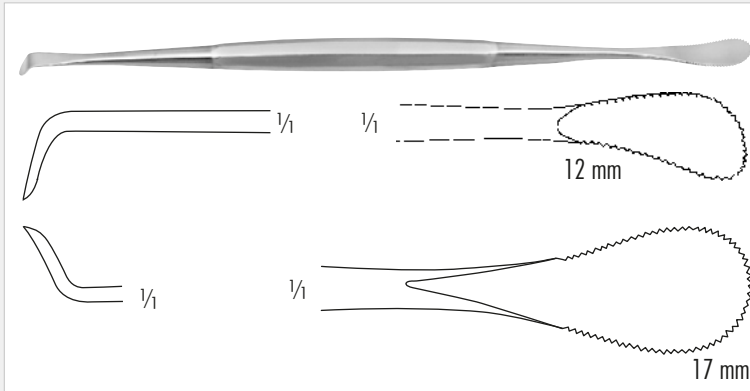
430-600-215 6 mm

430-601-220 10 mm

HURD

Tonsillendissektor und -retraktor, 215 mm

Tonsil dissector and pillar retractor, 8 1/2 inch



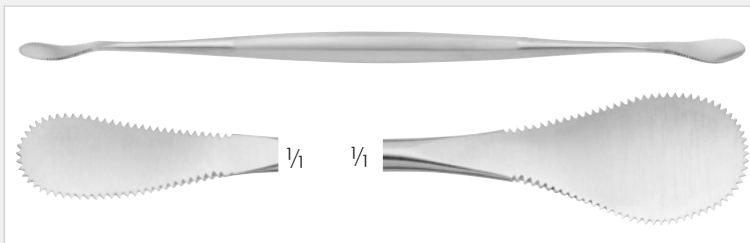
430-600-230 12 mm

430-601-230 17 mm

HENKE

Tonsillendissektor und -retractor, 235 mm

Tonsil dissector and pillar retractor, 9 1/4 inch



430-602-230 17 mm

HENKE

Tonsillendissektor, doppelendig, 12 mm / 18 mm

gezahntes Blatt, 230 mm

Tonsil dissector, double-ended, 12 mm / 18 mm

serrated blade, 9 inch

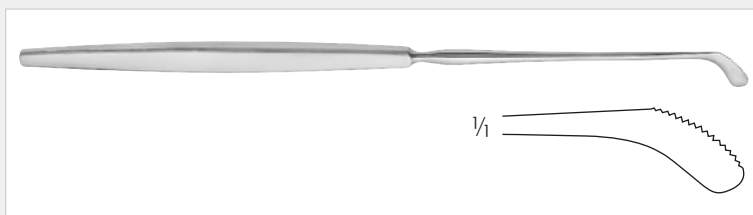


430-655-210

MOLLINSON

Tonsillendissektor und -retractor, halb-scharf, 210 mm

Tonsil dissector and pillar retractor, semi-sharp, 8 1/2 inch

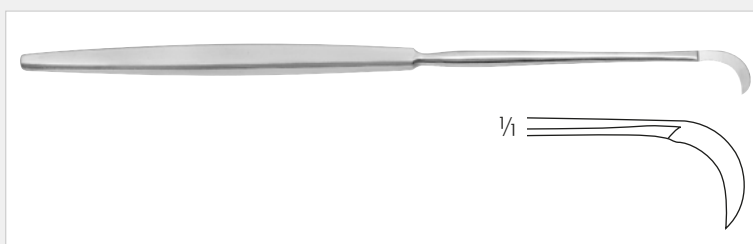


430-656-190

FISCHER

Tonsillennmesser, 225 mm

Tonsil knife, 9 inch



430-652-215

BRUENINGS

Tonsillennmesser, 230 mm

Tonsil knife, 9 inch

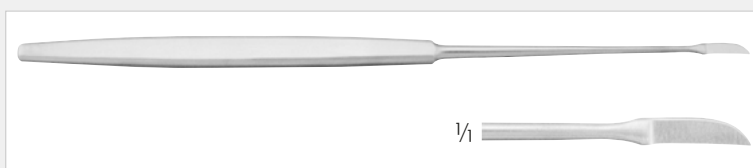


430-650-215

ABRAHAM

Tonsillennmesser, spitz 220 mm

Tonsil knife, sharp 8 3/4 inch

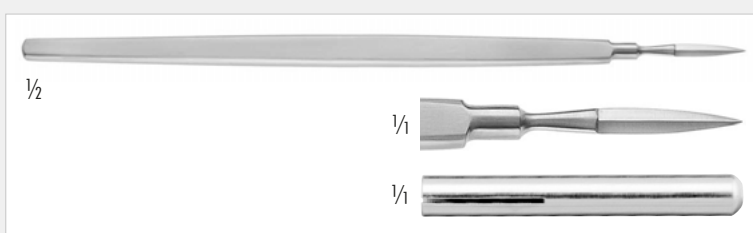


430-654-200

PERWITZSCHKY

Tonsillennmesser, 210 mm

Tonsil knife, 8 1/4 inch



430-656-195

Tonsillennmesser, mit doppelter Schneide, mit Schutzkappe, 175 mm

Tonsil knife, double-edge cutting, with protection cup, 7 inch



110-130-077

Skalpelli Griff, Nr. 7, 165 mm

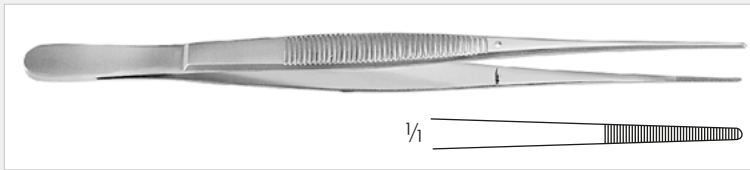
Scalpel handle, No.7, 6 1/2 inch



110-116-033

Skalpelli Griff, Nr. 3L, 210 mm

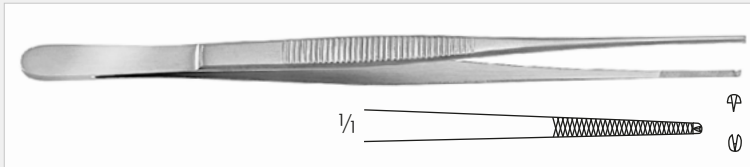
Scalpel handle, No. 3L, 8 1/4 inch



130-038-200

WAUGH

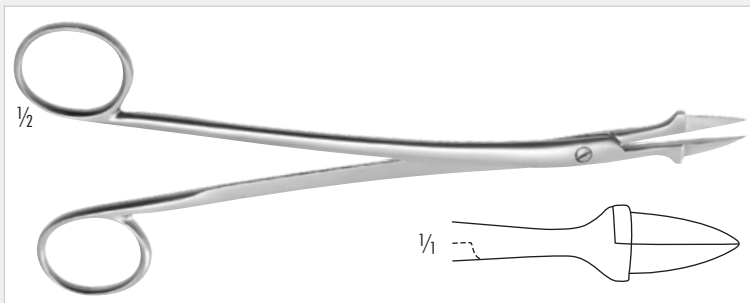
Feine anatomische Pinzette, 200 mm
Delicate dissecting forceps, 8 inch



130-160-200

WAUGH

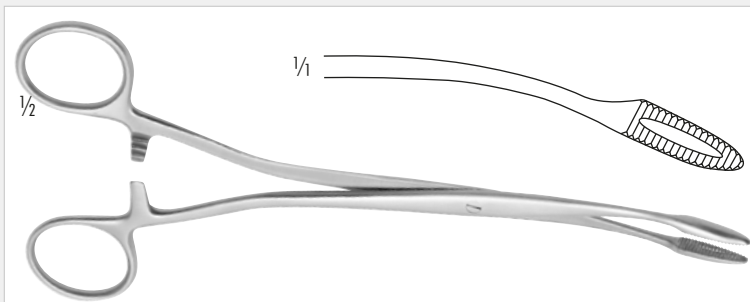
Feine chirurgische Pinzette, 1 x 2 Zähne, 200 mm
Delicate tissue forceps, 1 x 2 teeth, 8 inch



430-605-200

THILENIUS

Tonsillenabszeßzange, 190 mm
Tonsil abscess forceps, 7 1/2 inch



150-130-200

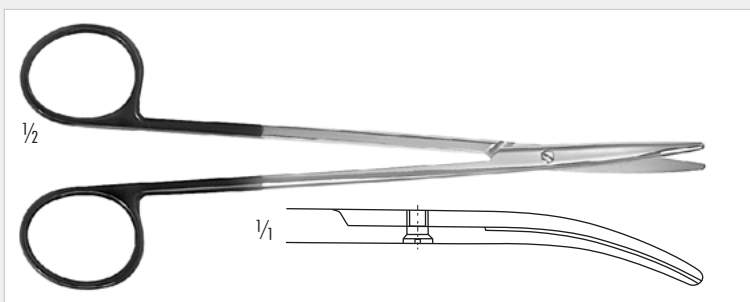
gerade/straight

150-131-200

gebogen/gebogen

DUPLAY

Polypenzange, 200 mm
Dressing forceps, 8 inch



121-111-145

145 mm, 5 3/4 inch

121-111-180

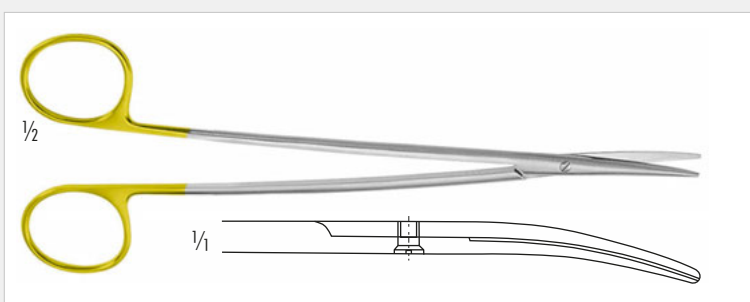
180 mm, 7 inch

121-111-200

200 mm, 8 inch

METZENBAUM

SC Präparierschere, gebogen
SC Dissecting scissors, curved



120-521-150

150 mm, 5 3/4 inch

120-521-180

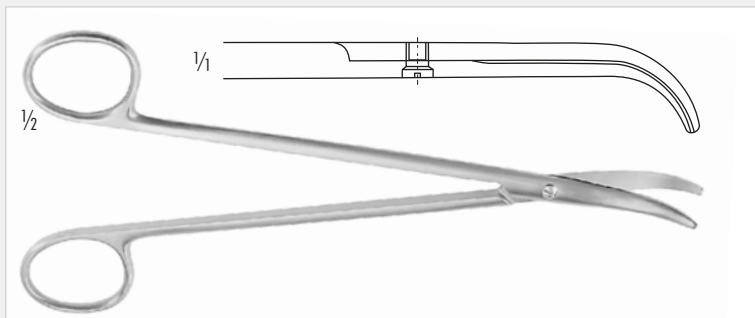
180 mm, 7 inch

120-521-200

200 mm, 8 inch

METZENBAUM

TC Präparierschere, gebogen
TC Dissecting scissors, curved

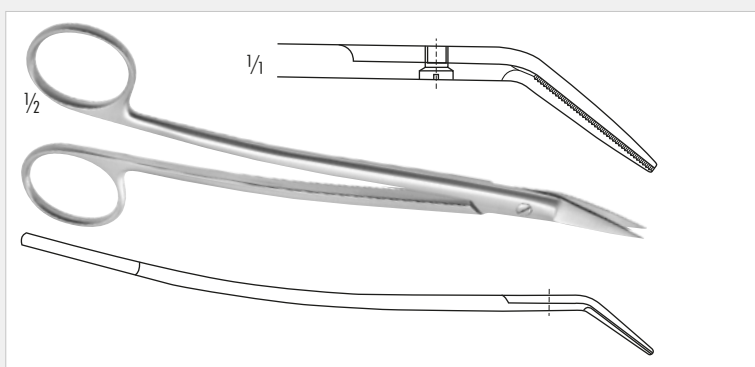


120-133-190

THOREK

Tonsillenschere, stark gebogen, 190 mm

Tonsil scissors, strong curved, 7 1/2 inch

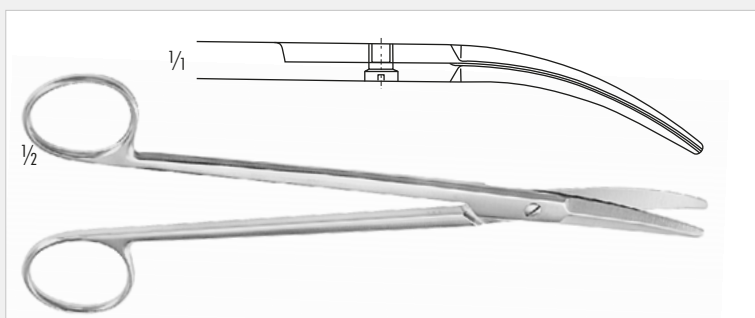


120-213-170

DEAN

Tonsillenschere, aufgebogen, Blätter gezahnt, 170 mm

Tonsil scissors, angled upwards, serrated blades, 6 3/4 inch

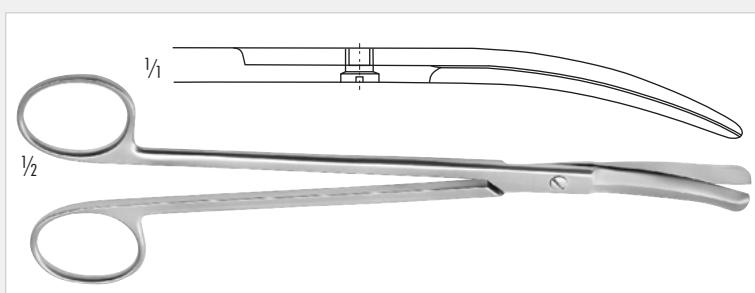


120-209-180

BOETTCHER

Tonsillenschere, gebogen, 180 mm

Tonsil scissors, curved, 7 inch

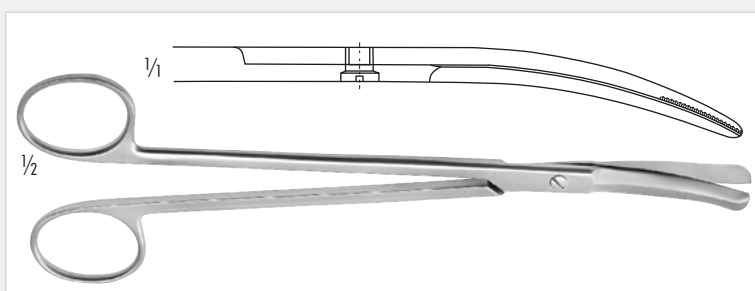


120-217-190

GOOD

Tonsillenschere, 190 mm

Tonsil scissors, 7 1/2 inch

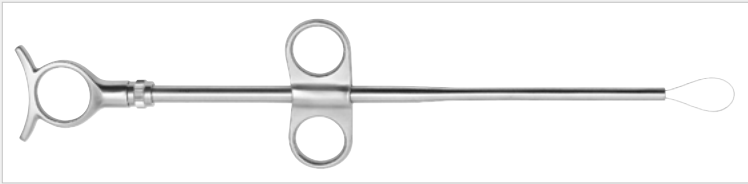


120-218-190

SCHWECKENDIEK

Tonsillenschere, 195 mm

Tonsil scissors, 7 3/4 inch



430-603-280

EVES

Tonsillenschnürer, 285 mm

Tonsil snare, 11 ¼ inch



430-604-280

EVES

Tonsillenschnürer, mit Sperre, 285 mm

Tonsil snare, with ratchet, 11 ¼ inch



430-605-270

BRUENINGS

Tonsillenschnürer, 270 mm

Tonsil snare, 10 ½ inch

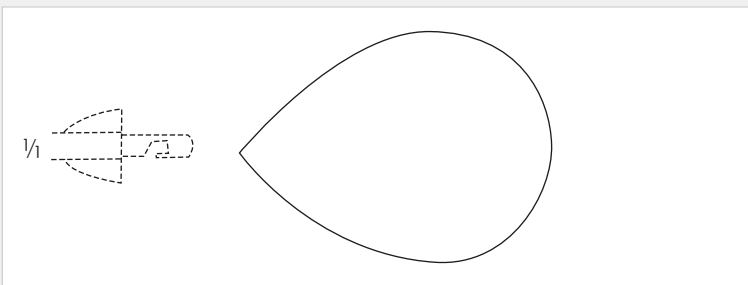


430-606-003 Ø 0,3 mm

430-606-005 Ø 0,5 mm

Schnürerdrähte, Bestelleinheit: DZ=Packung à 12 Stück

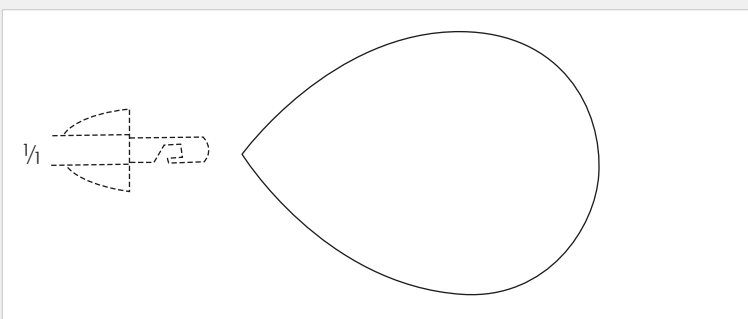
Snare wires, sales unit: DZ=Package of 12 pieces



430-606-040 Ø 0,4 mm

Drahtschlingen, Bestelleinheit: PH=Packung à 100 Stück

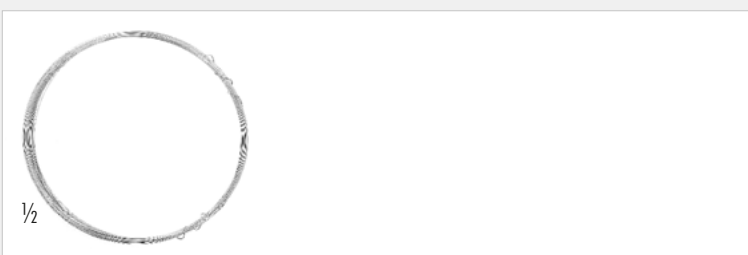
Wire loops, sales unit: PH=Package of 100 pieces



430-607-040 Ø 0,4 mm

Drahtschlingen, Bestelleinheit: PH=Packung à 100 Stück

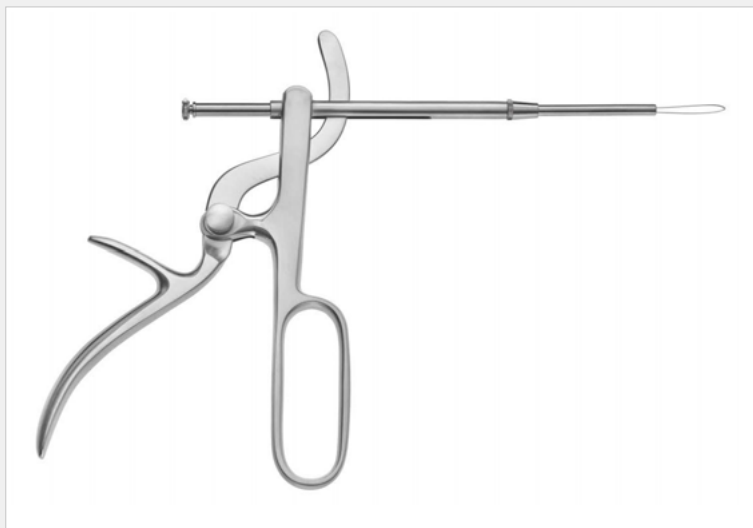
Wire loops, sales unit: PH=Package of 100 pieces



430-607-003 Ø 0,3 mm

Schnürerdraht, in Rollen à 10 m

Snare wire in coils of 10 m



430-620-000

TYDING

Tonsillenschnürer mit abnehmbarem, geradem Aufsatz 430-620-100
Tonsil snare with detachable straight tip 430-620-300



430-620-100

Gerader Aufsatz, allein
Straight tip, only



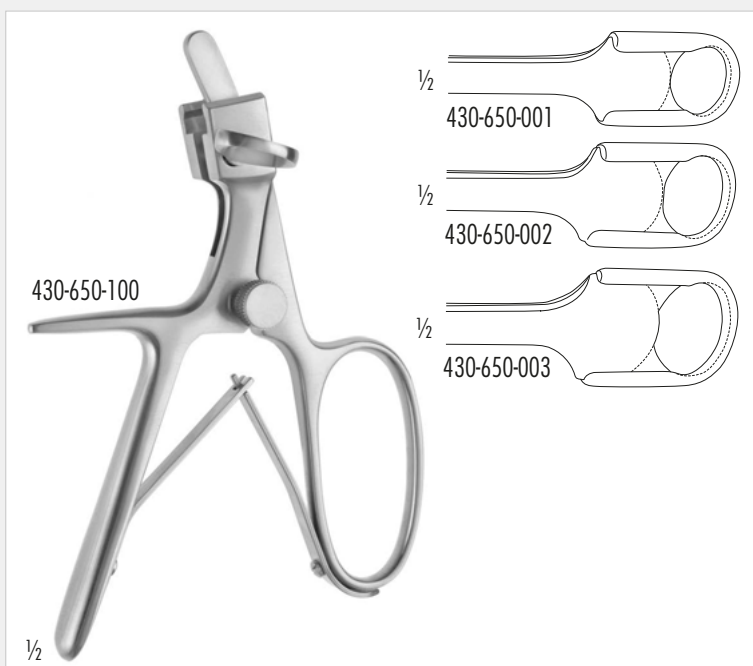
430-620-200

Veeder-Aufsatz, allein
Veeder tip, only



120-265-120

Drahtschere, eine Schneide gezahnt, 120 mm
Wire cutting scissors, on blade serrated, 4 ¾ inch



430-650-001 Fig. 1

430-650-002 Fig. 2

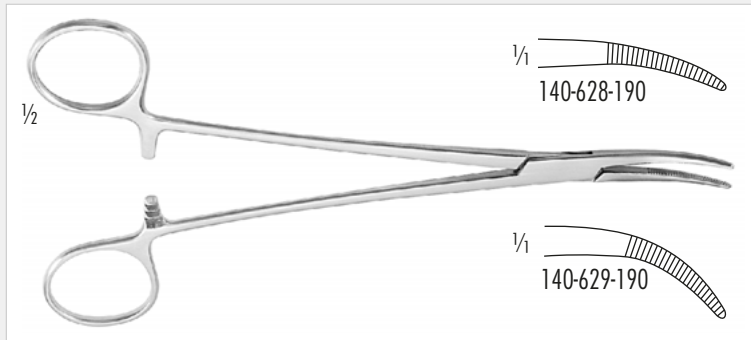
430-650-003 Fig. 3

SLUDER-BALLENGER

Aufsätze für Tonsillotomgriff 430-650-100
Blades for tonsillotome handle 430-650-100

430-650-100

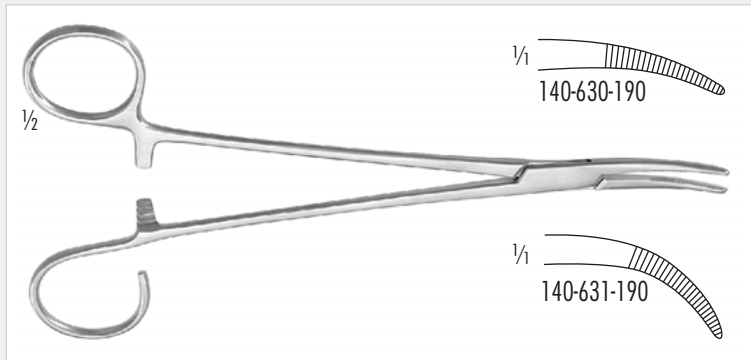
Tonsillotomgriff für Aufsätze 430-650-001 - 430-650-003
Tonsillotome handle for blades 430-650-001 - 430-650-003



140-628-190 leicht gebogen/slightly curved
140-629-190 stark gebogen/strongly curved

SCHNIDT

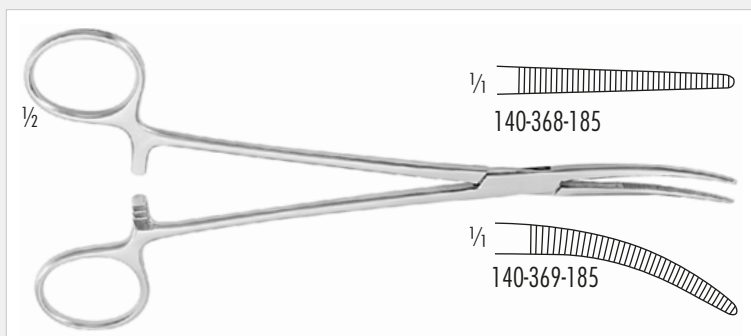
Tonsillenklemme, 190 mm
Tonsil artery forceps, 7 1/2 inch



140-630-190 leicht gebogen/slightly curved
140-631-190 stark gebogen/strongly curved

SCHNIDT

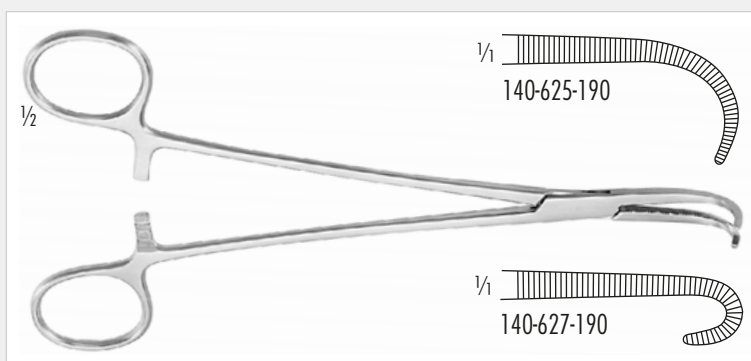
Tonsillenklemme, mit offenem Ring, 185 mm
Tonsil artery forceps, with open ring, 7 1/4 inch



140-368-185 gerade/straight
140-369-185 gebogen/curved

BIRKETT

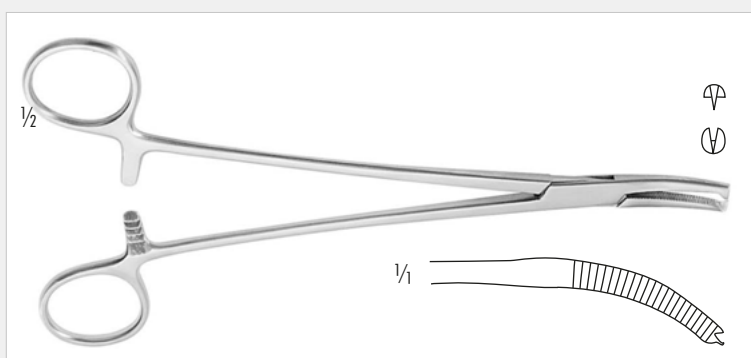
Arterienklemme, 185 mm
Hemostatic forceps, 7 1/4 inch



140-625-190 leicht gebogen/slightly curved
140-627-190 stark gebogen/strongly curved

NEGUS

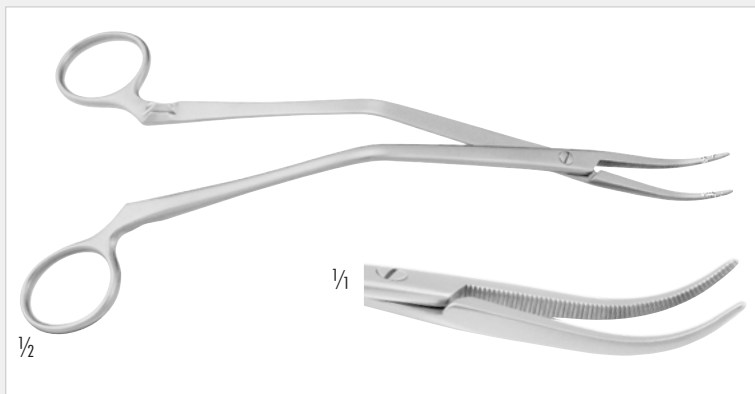
Tonsillenklemme, 190 mm
Tonsil artery forceps, 7 1/2 inch



140-549-200

MIKULICZ

Tonsillenklemme, 1x2 Zähne, 200 mm
Tonsil artery forceps, 1x2 teeth, 8 inch



140-639-190

WILSON

Tonsillenklemmen, sehr fein, 190 mm

Tonsil artery forceps, very delicate, 7 1/2 inch



180-720-230

CLAUS-EICKEN

Unterbindungsnaht, 230 mm

Ligature needle, 9 inch

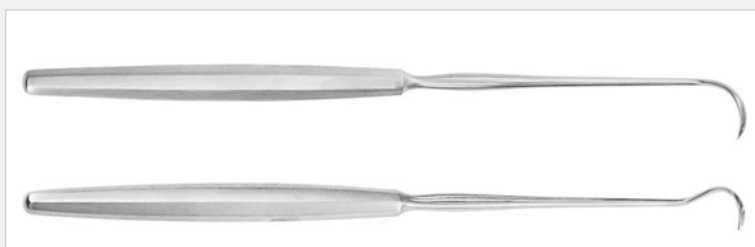


180-711-240

NAGER

Unterbindungsnaht, 240 mm

Ligature needle, 9 1/2 inch



180-718-210 links/left

180-719-210 rechts/right

HURD

Unterbindungsnaht, 210 mm

Ligature needle, 8 1/4 inch



430-500-260

ROEDER

Ligaturinstrument, 260 mm

Ligature instrument, 10 1/4 inch

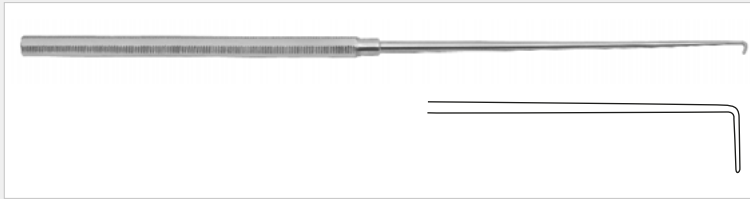


430-505-205

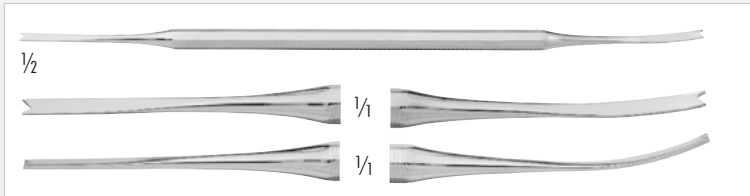
NEGUS

Fadengabel, 205 mm

Knot tyer, 8 inch



430-506-210
CLAUS-EICKEN
 Fadenfänger, 210 mm
 Suture hook (catcher), 8 ¼ inch



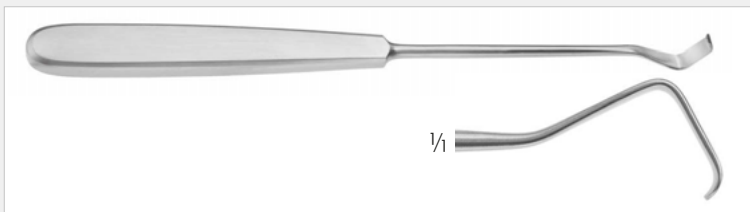
430-602-175
LUNIATSCHEK
 Tonsillen Tamponstopfer, 2 mm, 190 mm
 Tonsil gauze packers, 2 mm, 7 ½ inch



430-508-000
HASLINGER
 Gaumensegelhalter, selbsthaltend
 Uvula retractor (palate retractor) self-retaining



430-520-230
NAGER
 Tonsillenretraktor, 230 mm
 Tonsil retractor, 9 inch



430-245-200
SCHOENBORN
 Gaumenhaken, 13 x 6 mm, 210 mm
 Uvula hook, 13 x 6 mm, 8 ¼ inch



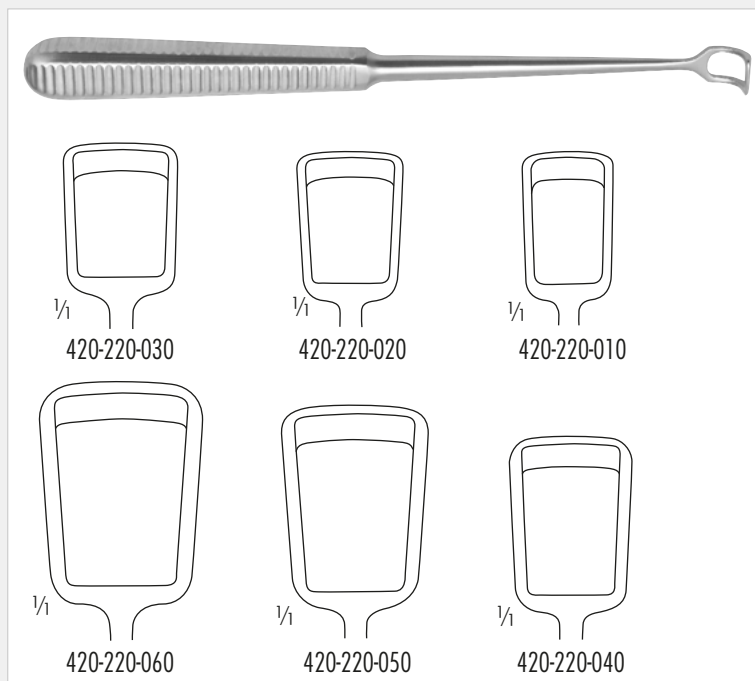
430-300-230
HOFER
 Gaumenretraktor, 240 mm
 Uvula retractor, 9 ½ inch



430-522-230
HURD
 Elevator, 230 mm
 Elevator, 9 inch



430-524-210
NAGER
 Gaumenhaken, 210 mm
 Uvula retractor, 8 ¼ inch

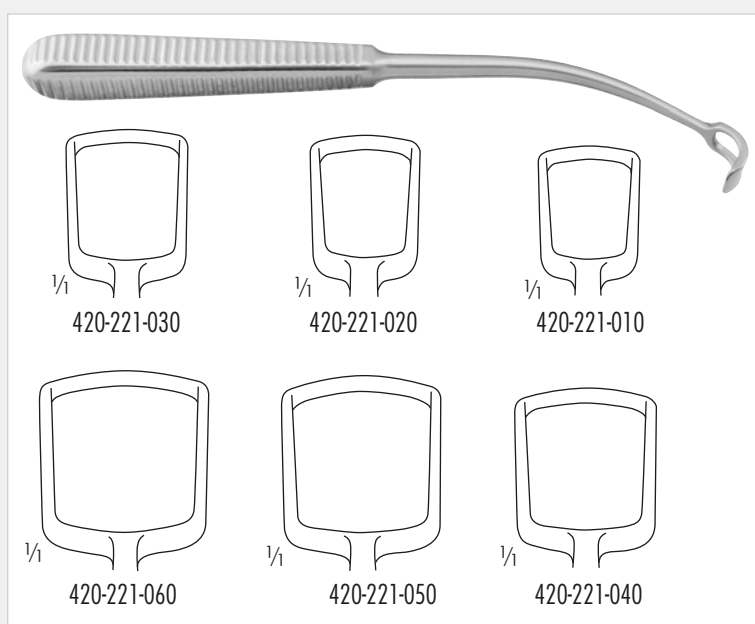


- 420-220-010 8 mm, Fig. 1
- 420-220-020 10 mm, Fig. 2
- 420-220-030 12 mm, Fig. 3
- 420-220-040 14 mm, Fig. 4
- 420-220-050 16 mm, Fig. 5
- 420-220-060 18 mm, Fig. 6
- 420-220-070 19.5 mm, Fig. 7

BECKMANN

Ringmesser, 220 mm

Adenoid curette, 8 3/4 inch

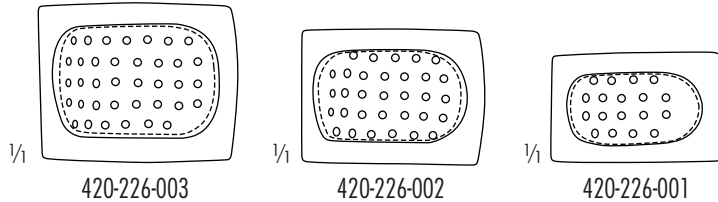


- 420-221-010 8 mm, Fig. 1
- 420-221-020 10 mm, Fig. 2
- 420-221-030 12 mm, Fig. 3
- 420-221-040 14 mm, Fig. 4
- 420-221-050 16 mm, Fig. 5
- 420-221-060 18 mm, Fig. 6
- 420-221-070 19.5 mm, Fig. 7

BECKMANN

Ringmesser, gebogen 220 mm

Adenoid curette, curved 8 3/4 inch



420-226-001 12 mm
420-226-002 16 mm
420-226-003 18 mm

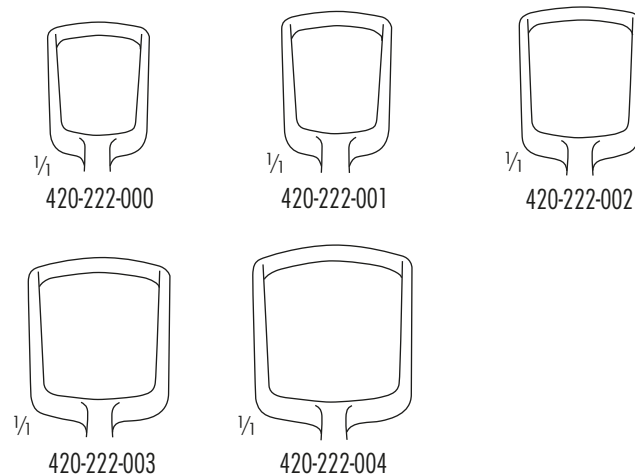
LA FORCE

Pharynx Tonsillotomy, 230 mm
Adenotomes, 9 inch

420-226-101
420-226-102
420-226-103

LA FORCE

Eratzklingen, allein, gelocht, passend
für 420-226-001 - 420-226-003
Spare blades only, perforated, suitable
for 420-226-001 - 420-226-003



420-222-000 Fig. 0
420-222-001 Fig. 1
420-222-002 Fig. 2
420-222-003 Fig. 3
420-222-004 Fig. 4

BARNHILL

Ringmesser, 220 mm
Adenoid curette, 8 3/4 inch

420-395-240

JATHO

Nasenrachenraumzange, 240 mm

Nasopharynx forceps, 9 ½ inch

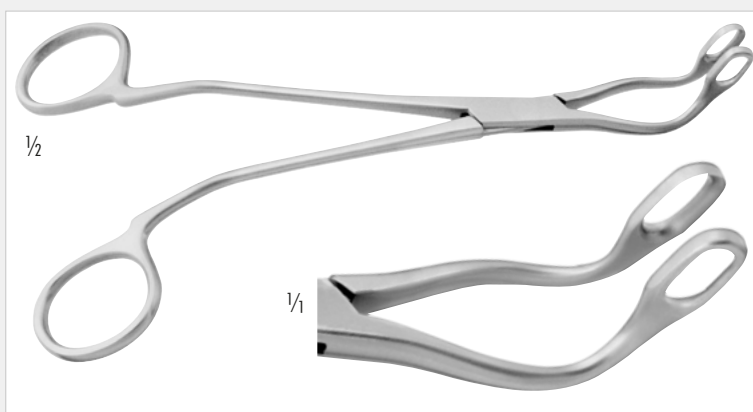


420-396-190

JURASZ

Nasenrachenzange für Kinder, 190 mm

Adenoid cutting forceps for children, 7 ½ inch



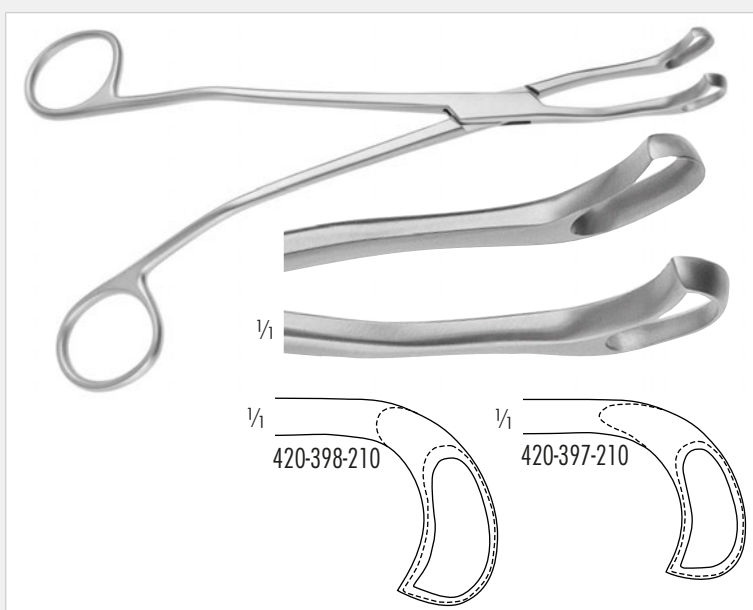
420-397-210 Fig. 1

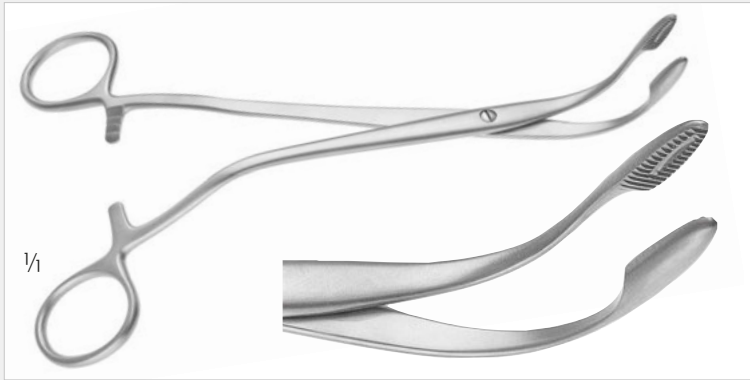
420-398-210 Fig. 2

JURASZ

Nasenrachenzange, 210 mm

Adenoid cutting forceps, 8 ¼ inch





420-398-190

DUPLAY

Nasenrachenraum Tupferzange, s-förmig gebogen, 190 mm
Nasopharyngeal sponge holding forceps, s-shaped, 7 1/2 inch



420-391-000 Fig.0 6 mm

420-391-001 Fig.1 7 mm

420-391-002 Fig.2 8 mm

RONIS

Adenoidzange, durchschneidend, Schaft aufgebogen,
dreieckig, Arbeitslänge: 130 mm

Adenoid Forceps, through cutting, upcurved shaft,
triangular bite, working length: 5 inch



420-391-115

KING

Adenoidzange, durchschneidend, Schaft abgebogen,
dreieckig, Fig. 1, 7mm Schnitt, 130mm

Adenoid Forceps, through cutting, downcurved shaft,
triangular bite, Fig. 1, 7 mm bite, 5 inch



420-401-001 7 mm, Fig.1

420-401-002 8 mm, Fig.2

MELZER

Adenoidzange, durchschneidend, rund, mit Gitter, 140 mm

Adenoid Forceps, through cutting, round, with basket, 5 1/2 inch



420-401-201 Fig.1

MELZER

Adenoidzange, durchschneidend, oval, 5,2x 3,2mm Schnitt,
Arbeitslänge: 140 mm

Adenoid Forceps, through cutting, oval, 5.2 x 3.2mm bite,
working length: 5 1/2 inch



420-401-100 6 mm, Fig.0

420-401-101 7 mm, Fig.1

420-401-102 8 mm, Fig.2

420-401-103 10 mm, Fig.3

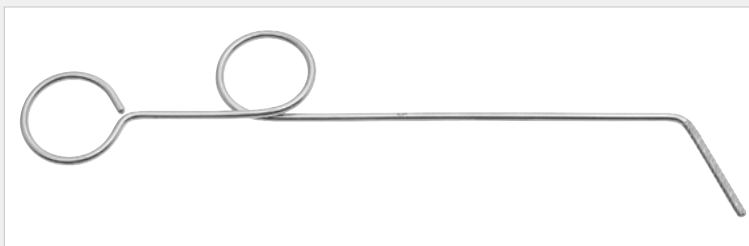
MELZER

Adenoidzange, durchschneidend, dreieckig, mit Gitter, 140 mm

Adenoid Forceps, through cutting, triangular, with basket, 5 1/2 inch



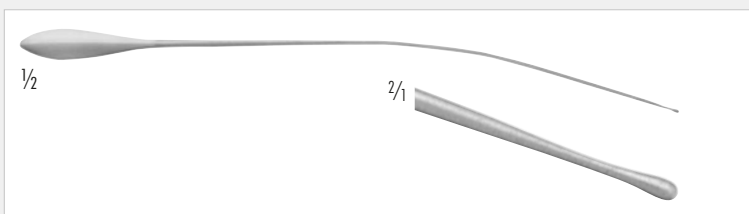
420-131-190
YANKAUER
Nasopharyngeal speculum, 190 mm
Nasopharyngeal speculum, 7 1/2 inch



160-481-200 Ø 2.3 mm
HARTMANN
Watteträger, spiralförmig gerieft, 220 mm
Postnasal applicator, spiral end, 8 1/2 inch



410-046-180 Ø 1,0 mm
RZ
Speichelgangsonde, aus Silber, 180 mm
Salivary duct probe, silver plated, 7 inch

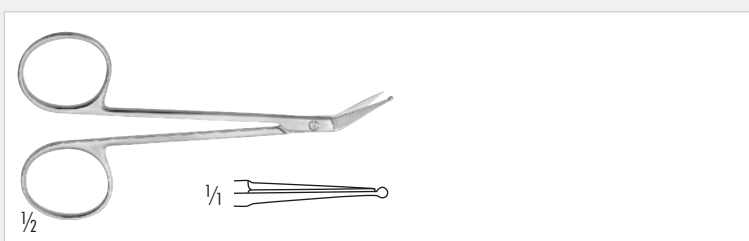


410-045-180 Ø 1,0 mm
SEIFFERT
Speichelgangsonde, aus Silber, 180 mm
Salivary duct probe, silver plated, 7 inch



400-310-001 Fig. 1/2
400-310-002 Fig. 00/0
400-310-003 Fig. 3/4
400-310-004 Fig. 0000/000
400-310-005 Fig. 5/6
400-310-006 Fig. 000/00
400-310-007 Fig. 7/8

BOWMAN
Sonden, silber
Lacrimal probes, silver plated

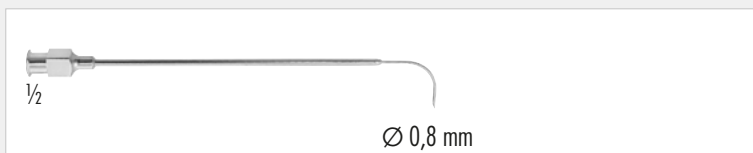


420-100-100
PERWITZSCHKY
Speichelgangschere, 100 mm
Salivary scissors, 4 1/2 inch



252-005-170

Tonsillenkannüle, gerade, mit LUER-Lock-Ansatz
Tonsil needle, straight, with Luer-lock attachment



252-004-170

Tonsillenkannüle, gebogen, mit LUER-Lock-Ansatz
Tonsil needle, strongly curved, with Luer-lock attachment



252-003-170

Septumkanüle, abgewinkelt, mit LUER-Lock Ansatz
Septum needle, angled, with Luer-lock attachment



252-001-170

Septumkanüle, bajonettförmig gebogen, mit LUER-Lock Ansatz
Septum needle, bayonet-shaped, with Luer-lock attachment



165-855-020 2 ml

165-855-050 5 ml

165-855-100 10 ml

Spritze, komplett
Syringe, complete

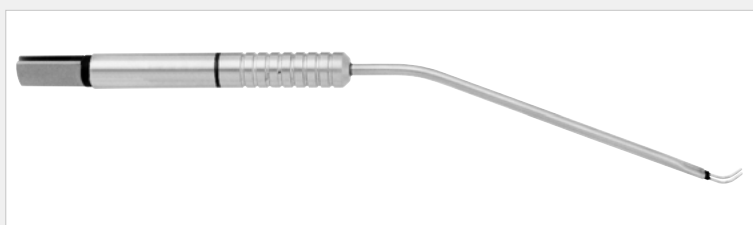


165-856-020 2 ml

165-856-050 5 ml

165-856-100 10 ml

Glaszylinder, allein
Glas cylinder, only



100-866-230

Tonsill Bipolare Elektrode, stumpf, Nutzlänge 230 mm
Tonsil bipolar electrode, blunt, working length 9 inch

Bipolare Anschlußkabel/Bipolar Cables



			
2-Banana-Stecker 2-banana-pin *	Erbe	Martin, Berchtold, Aesculap GK55 + GK60	Valleylab, Lamidey, EMC

Flachstecker/flat-plug

	3 m	700-350-030	700-101-001	700-287-030	700-351-031
	5 m	700-350-050	700-101-000	700-287-050	700-351-051

Flachstecker, Vierkant/flat-plug, square

	3 m	700-350-130	700-101-130	700-287-130	700-351-131
	5 m	700-350-150	700-101-150	700-287-150	700-351-151

* Innerhalb Europas nicht mit CE-Markierung erhältlich
Not available with CE marking within Europe



NOTES

Lined area for notes.



LARYNGOSCOPY

LARYNGOSCOPY

Instruments and
Equipment for
Laryngoscopy



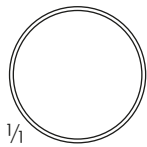
230-329-006 - 230-329-030

Kehlkopfspiegel, 120 mm
Laryngeal mirror, 4 1/2 inch

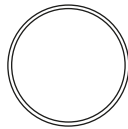


230-330-006 - 230-330-030

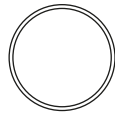
Kehlkopfspiegel mit Sechskantgriff, 180 mm
Laryngeal mirror with hexagonal handle, 7 inch



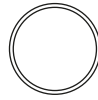
230-330-018
230-329-018
Fig. 4 Ø 18 mm



230-330-016
230-329-016
Fig. 3 Ø 16 mm



230-330-014
230-329-014
Fig. 2 Ø 14 mm



230-330-012
230-329-012
Fig. 1 Ø 12 mm



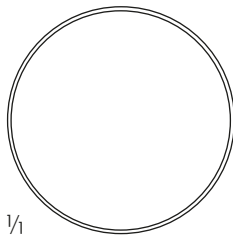
230-330-010
230-329-010
Fig. 0 Ø 10 mm



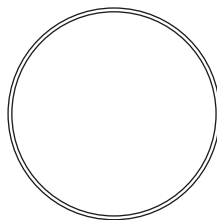
230-330-008
230-329-008
Fig. 00 Ø 8 mm



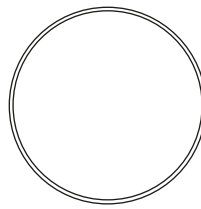
230-330-006
230-329-006
Fig. 000 Ø 6 mm



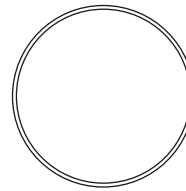
230-330-030
230-329-030
Fig. 10 Ø 30 mm



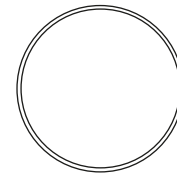
230-330-028
230-329-028
Fig. 9 Ø 28 mm



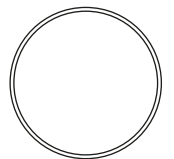
230-330-026
230-329-026
Fig. 8 Ø 26 mm



230-330-024
230-329-024
Fig. 7 Ø 24 mm



230-330-022
230-329-022
Fig. 6 Ø 22 mm



230-330-020
230-329-020
Fig. 5 Ø 20 mm



1/2

230-332-105

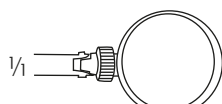
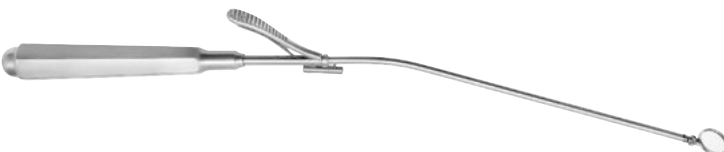
Spiegelgriff, 110 mm
Mirror handle, 4 3/8 inch



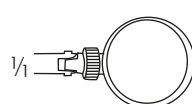
1/2

230-331-110

Spiegelgriff mit Feststellschraube, 110 mm
Mirror handle with set screw, 4 3/8 inch



430-788-014
Ø 14 mm



430-788-012
Ø 12 mm

430-788-012 Ø 12 mm 430-788-016 Ø 16 mm

430-788-014 Ø 14 mm 430-788-018 Ø 18 mm

MICHEL

Nasenspiegel mit austauschbaren Spiegelaufsätzen, 250 mm
Rhinoscopic mirror with interchangeable mirror inserts, 10 inch

430-789-012 Ø 12 mm 430-789-016 Ø 16 mm

430-789-014 Ø 14 mm 430-789-018 Ø 18 mm

Ersatzspiegel, allein
Spare mirror, only



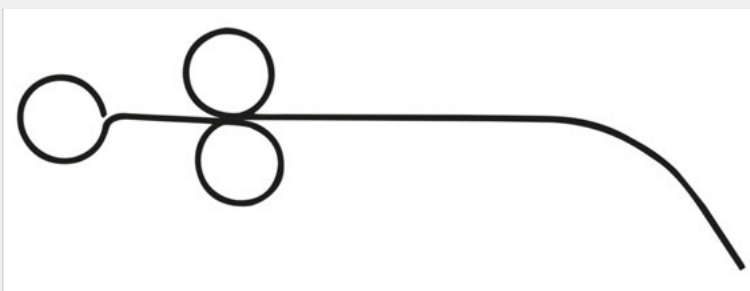
430-800-100
Kehlkopf-Zerstäuber mit Glaszylinder, 12 ml
Laryngeal-Atomizer with glass barrel, 12 ml



430-803-230
REichert
Kehldeckelhalter, 240 mm
Epiglottis retractor, 9 1/2 inch



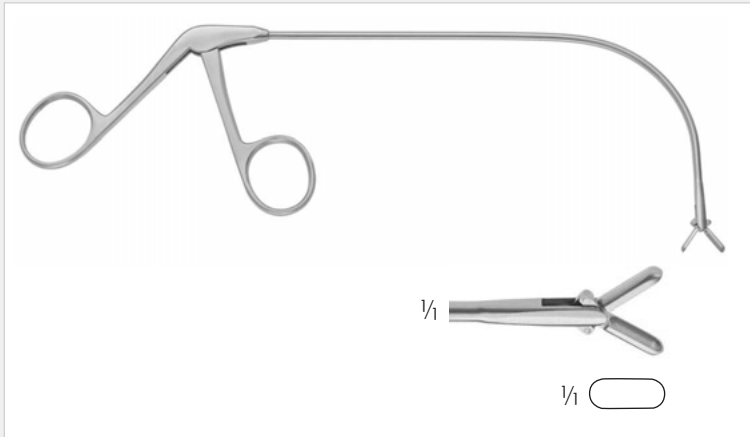
430-805-250
KILLIAN
Watteträger, 250 mm
Laryngeal applicator, 10 inch



160-495-280
FEIN
Watteträger, 280 mm
Laryngeal applicator, 11 inch



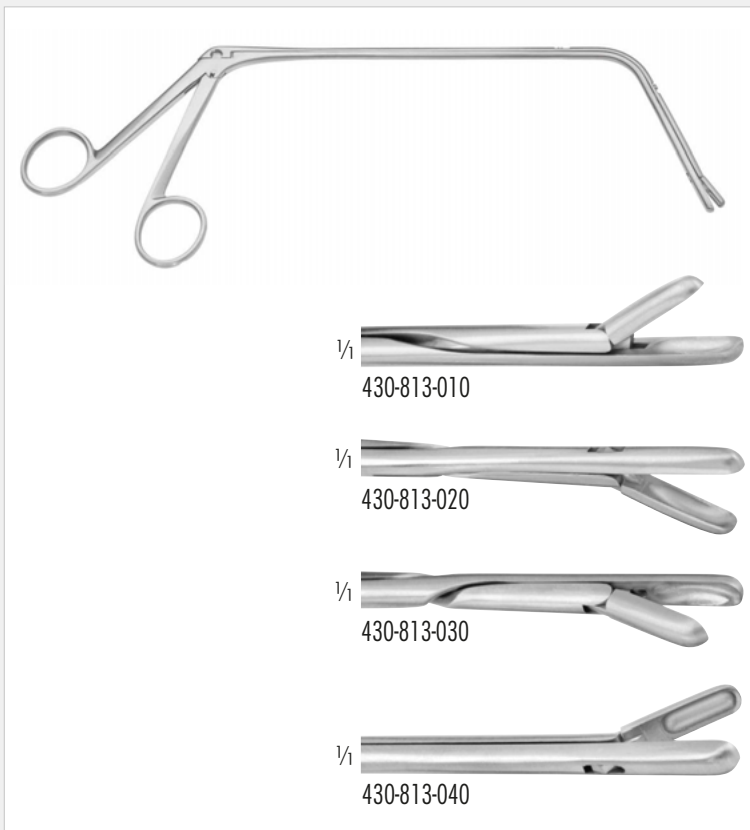
430-813-060
KILLIAN
Laryngo-Fissuren-Schere, 220 mm
Laryngectomy scissors, double action, 8 inch



430-813-050

FRAENKEL

Kehlkopfzange, doppelseitig öffnend, länglich ovales Maul, 170 mm
Laryngeal forceps, both sides opening, longitudinal oval jaws, 6 $\frac{3}{4}$ inch



430-813-010 nach rechts öffnend/opening to the right

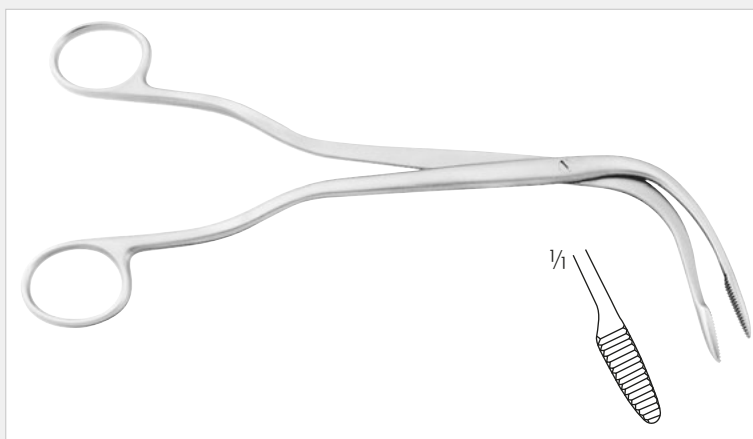
430-813-020 nach links öffnend/opening to the left

430-813-030 nach unten öffnend/opening downwards

430-813-040 nach oben öffnend/opening upwards

JURASZ

Kehlkopfpolypenzange, 220 mm
Laryngeal polypus forceps, 8 $\frac{1}{2}$ inch



430-815-220

FRAENKEL

Kehlkopfpolypenzange, 220 mm

Laryngeal polypus forceps, 8 3/4 inch



440-120-120

TROUSSEAU

Trachealdilatator, 120 mm

Tracheal dilator, 4 3/4 inch



440-130-140

LABORDE

Trachealdilatator, 140 mm

Tracheal dilator, 5 1/2 inch



170-002-165

BOSE

Trachealhäkchen, links, für die rechte Hand, 160 mm

Tracheal ligature hook, left, for the right hand, 6 1/4 inch

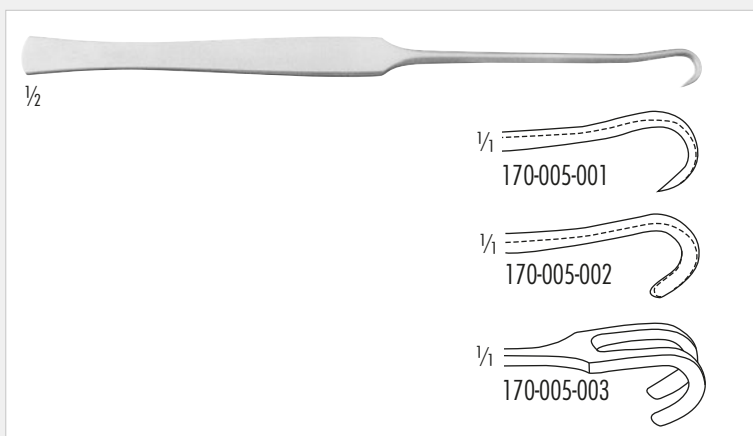


170-003-165

BOSE

Trachealhäkchen, rechts, für die linke Hand, 160 mm

Tracheal ligature hook, right, for the left hand, 6 1/4 inch



170-005-001

Trachealhaken, scharf, 180 mm

Tracheal retractor, sharp, 7 inch

170-005-002

Trachealhaken, stumpf, 180 mm

Tracheal hook, blunt, 7 inch

170-005-003

Trachealhaken, 2 Zähne, stumpf, 180 mm

Tracheal hook, 2 prongs, blunt, 7 inch



1/2

440-221-160

KOCHER

Kropf Sonde, mit Loch, 160 mm
Goitre director, with hole, 6 inch



1/2

440-020-130

1/2

440-021-130

440-020-130 Ø 9,0 mm

440-021-130 Ø 7,5 mm

UCKERMANN

Trachealtrokar, 130 mm
Tracheal trocar, 5 inch



440-100-100

RZ Notfall Set

Tracheostomy Set, komplett, schnelles Öffnen der Luftwege durch die Koniotomie Dolchschere 120-537-140 nach vorheriger Stichinzision der Haut

RZ Emergency Set

Tracheostomy set, complete, quick opening of respiratory tract by using a coniotomy scissors 120-537-140 following a skin incision



1/2

1/1

1/1

170-700-060

BOSE

Wundspreizer, 60 mm
Tracheal retractor, 2 3/8 inch



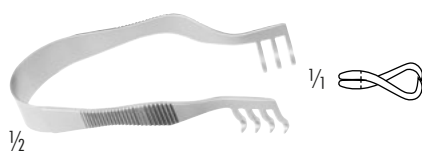
1/2

1/1

170-701-050

FINSEN

Wundspreizer, 2 x 3 Zähne, stumpf, 50 mm
Tracheal retractor, 2 x 3 teeth, blunt, 2 inch



1/2

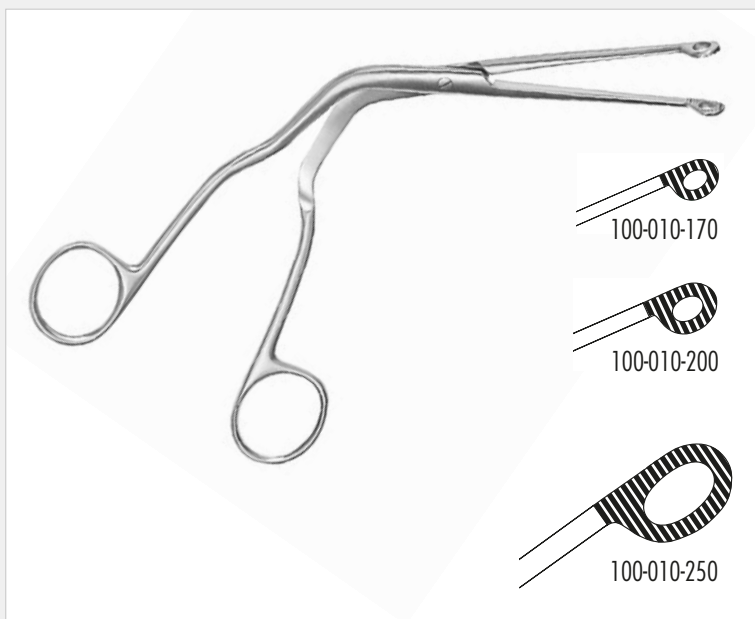
1/1

170-702-070 scharf/sharp

170-703-070 stumpf/blunt

FINSEN

Wundspreizer, 3 x 4 Zähne, scharf, 70 mm
Tracheal retractor, 3 x 4 teeth, sharp, 2 3/4 inch



100-010-170

MAGILL

Kleinkinder, 170 cm

Small children, 6 ¼ inch

100-010-200

MAGILL

Kinder, 200 cm

Children, 8 inch

100-010-250

MAGILL

Erwachsene, 250 cm

Adult, 10 inch



430-467-170

YOUNG

170 cm

6 ¼ inch

430-468-000

Ersatz-Gummi Einsatz, 1 Paar

Spare rubber inserts, 1 pair



430-465-160 160 mm/6 ½ inch

430-465-170 170 mm/6 ¾ inch

430-465-190 190 mm/7 ½ inch

COLLIN

Zungenzange

Tongue holding forceps





100-210-000	67 mm, Fig. 00
100-210-001	75 mm, Fig. 0
100-210-002	90 mm, Fig. 1
100-210-003	110 mm, Fig. 2
100-210-004	130 mm, Fig. 3
100-210-005	150 mm, Fig. 4
100-210-006	170 mm, Fig. 5

MC INTOSH (English Model)

Warmlicht Layngoskopspatel

Warm-light laryngoscope blade



100-210-010	78 mm, Fig. 0
100-210-011	88 mm, Fig. 1
100-210-012	110 mm, Fig. 2
100-210-013	130 mm, Fig. 3
100-210-014	147 mm, Fig. 3.5
100-210-015	160 mm, Fig. 4

MC INTOSH (American Model)

Warmlicht Layngoskopspatel

Warm-light laryngoscope blade



100-212-000	67 mm, Fig. 00
100-212-001	75 mm, Fig. 0
100-212-002	100 mm, Fig. 1
100-212-003	155 mm, Fig. 2
100-212-004	195 mm, Fig. 3
100-212-005	205 mm, Fig. 4

MILLER

Warmlicht Layngoskopspatel

Warm-light laryngoscope blade



100-214-000	75 mm, Fig. 00
100-214-001	92 mm, Fig. 0
100-214-002	115 mm, Fig. 1
100-214-003	130 mm, Fig. 2
100-214-004	160 mm, Fig. 3
100-214-005	190 mm, Fig. 4

FOREGGER

Warmlicht Layngoskopspatel

Warm-light laryngoscope blade



- 100-220-001 90 mm, Fig. 1
- 100-220-002 110 mm, Fig. 2
- 100-220-003 130 mm, Fig. 3
- 100-220-004 160 mm, Fig. 4

NEGUS GUEDEL

Warmlicht Layngoskopspatel
Warm-light laryngoscope blade



- 100-221-002 165 mm, Fig. 2

PHILLIPS

Warmlicht Layngoskopspatel
Warm-light laryngoscope blade



- 100-210-022 Fig. 1, 90mm
- 100-210-023 Fig. 2, 110mm
- 100-210-024 Fig. 3, 130mm
- 100-210-025 Fig. 4, 150mm
- 100-210-026 Fig. 5, 170mm

MC INTOSH (English Model)

Warmlicht Layngoskopspatel mit LED Birne
Warm-light laryngoscope blade with LED lamp



100-300-002

100-300-001

100-300-003

100-300-003

LED, passend für alle Warmlicht Laryngoskopspatel
LED, suitable for all warm-light laryngoscope blades

100-300-002 Für/for Fig. 00 bis 0

100-300-001 Für/for Fig. 1 bis 5

Ersatzlämpchen für Spatel

Spare Lamps for blades



100-250-000

100-251-000

100-250-002

100-250-000

Warmlichtgriff, groß, mit Glühbirne, ohne Batterien
Warm-light handle, large, with bulb, without batteries

100-251-000

Warmlichtgriff, klein mit Glühbirne, ohne Batterien
Warm-light handle, small, with bulb, without batteries

100-250-002

Warmlichtgriff, groß, mit Glühbirne, ohne Batterien,
Trafo-Anschluss für aufladbare Batterien
Warm-light handle, large, with bulb, without batteries
Trafo-connection for rechargeable battery



Warmicht Laryngoskop Set im Etui, mit Griff 100-250-000
Warm-light laryngoscope set in Case, with Handle 100-250-000

MC INTOSH (English Model)

100-210-300

5 Spatel/blades, Fig. 0 - 4

100-210-200

4 Spatel/blades, Fig. 1 - 4

100-210-100

3 Spatel/blades, Fig. 1 - 3

MILLER

100-212-300

5 Spatel/blades, Fig. 0 - 4

100-212-200

4 Spatel/blades, Fig. 1 - 4

100-212-100

3 Spatel/blades, Fig. 2 - 4

FOREGGER

100-214-200

5 Spatel/blades, Fig. 0 - 4

100-214-100

4 Spatel/blades, Fig. 1 - 4



- 100-330-000 60 mm, Fig. 00
- 100-330-001 75 mm, Fig. 0
- 100-330-002 90 mm, Fig. 1
- 100-330-003 110 mm, Fig. 2
- 100-330-004 130 mm, Fig. 3
- 100-330-005 150 mm, Fig. 4
- 100-330-006 170 mm, Fig. 5

MC INTOSH (English Model)

Fiberoptik Layngoskopspatel
Fiberoptic laryngoscope blade



- 100-330-010 55 mm, Fig. 0
- 100-330-011 88 mm, Fig. 1
- 100-330-012 110 mm, Fig. 2
- 100-330-013 130 mm, Fig. 3
- 100-330-014 147 mm, Fig. 3.5
- 100-330-015 160 mm, Fig. 4

MC INTOSH (American Model)

Fiberoptik Layngoskopspatel
Fiberoptic laryngoscope blade



- 100-211-000 50 mm, Fig. 00
- 100-211-001 75 mm, Fig. 0
- 100-211-002 90 mm, Fig. 1
- 100-211-003 110 mm, Fig. 2
- 100-211-004 130 mm, Fig. 3
- 100-211-005 150 mm, Fig. 4

MC INTOSH

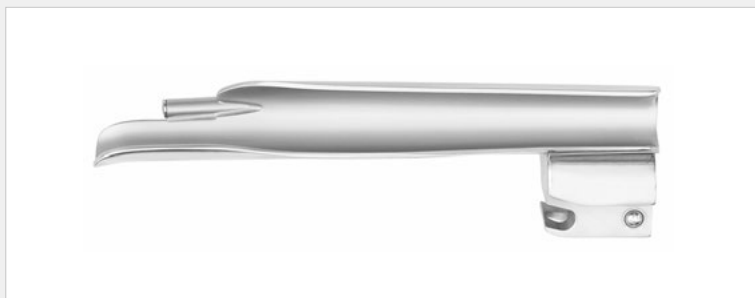
Fiberoptik Kaltlicht Layngoskopspatel
Fiberoptic cold-light laryngoscope blade



- 100-213-000 67 mm, Fig. 00
- 100-213-001 75 mm, Fig. 0
- 100-213-002 100 mm, Fig. 1
- 100-213-003 155 mm, Fig. 2
- 100-213-004 195 mm, Fig. 3
- 100-213-005 205 mm, Fig. 4

MILLER

Fiberoptik Kaltlicht Layngoskopspatel
Fiberoptic cold-light laryngoscope blade



- 100-215-000 75 mm, Fig. 00
- 100-215-001 92 mm, Fig. 0
- 100-215-002 115 mm, Fig. 1
- 100-215-003 130 mm, Fig. 2
- 100-215-004 160 mm, Fig. 3
- 100-215-005 190 mm, Fig. 4

FOREGGER

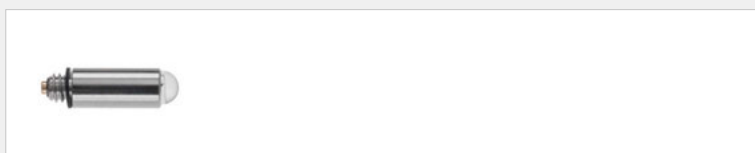
Kaltlicht Laryngoskopspatel
Cold-light laryngoscope blade



- 100-218-003 170 mm, Fig. 3
- 100-218-004 190 mm, Fig. 4

MC INTOSH

Kaltlicht Laryngoskopspatel mit flexibler Spitze
Cold-light laryngoscope blade with flexible tip



100-260-000

Halogen Ersatzlampe für Kaltlichtgriff
Halogen-Lamp for Cold-Light Handle



100-211-010

Kaltlichtgriff, groß, mit Xenon Lampe, ohne Batterien,
Trafo-Anschluss für aufladbare Batterien
Cold-Light handle, large, with Xenon bulb, without batteries
Trafo-connection for rechargeable battery

100-211-011

Kaltlichtgriff, Ø18mm, mit Xenon Lampe, ohne Batterien
Cold-Light handle, Ø18mm, with Xenon bulb, without batteries

100-211-012

Kaltlichtgriff, Ø30mm, mit Xenon Lampe, ohne Batterien
Cold-Light handle, Ø30mm, with Xenon bulb, without batteries

100-211-010

100-211-011

100-211-012



100-211-014

100-211-014

Kaltlichtgriff, Ø 30mm, 2,5V LED-Beleuchtung,
ohne Trafoanschluss
Cold-light handle, Ø 30mm, 2.5V LED illumination,
without trafo connection



300-001-143
(Charger only)

300-001-144

300-001-144

RZ Mobile Kaltlichtgriff für Endoskopie, LED-Beleuchtung, rostfreier Stahl
RZ Mobile cold-light handle for Endoscopy, LED illumination,
stainless steel

300-001-143 230V

300-001-043 110V

RZ Mobile Ladestation für Kaltlichtgriff, LED Beleuchtung
RZ Mobile charging station for cold-light handle, LED illumination



Kaltlicht Laryngoskop Set im Etui, mit Griff 100-211-010
Cold-light laryngoscope set in Case, with Handle 100-211-010

MC INTOSH (English Model)

100-211-300

5 Spatel/blades, Fig. 0 - 4

100-211-200

4 Spatel/blades, Fig. 1 - 4

100-211-100

3 Spatel/blades, Fig. 1 - 3

MILLER

100-213-300

5 Spatel/blades, Fig. 0 - 4

100-213-200

4 Spatel/blades, Fig. 1 - 4

100-213-100

3 Spatel/blades, Fig. 2 - 4

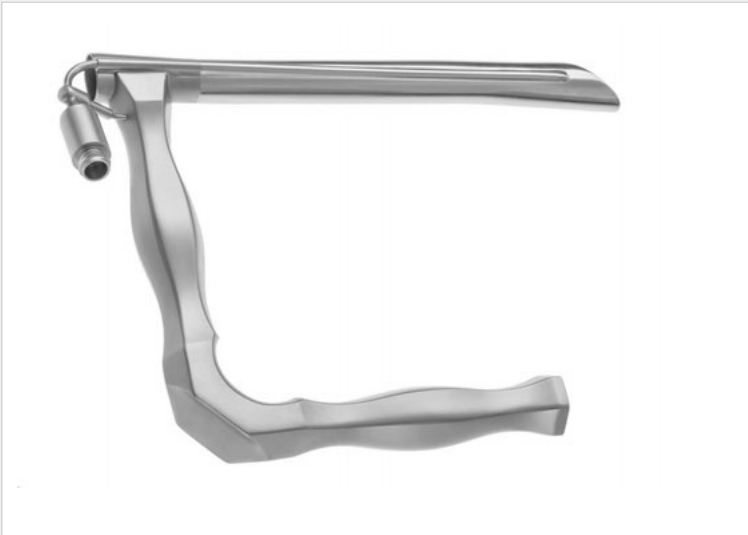
FOREGGER

100-215-200

5 Spatel/blades, Fig. 0 - 4

100-215-100

4 Spatel/blades, Fig. 1 - 4



HOLINGER

Complete with light carrier

90mm, 3"	Newborn	small	100-510-000
120mm, 5"	Babies	small	100-510-001
170mm, 6 ³ / ₄ "	Children	large	100-510-002
180mm, 7"	Adult	large	100-510-003

HOLINGER

Spare light carrier

Newborn	100-510-100
Babies	100-510-101
Children	100-510-102
Adult	100-510-103



JACKSON

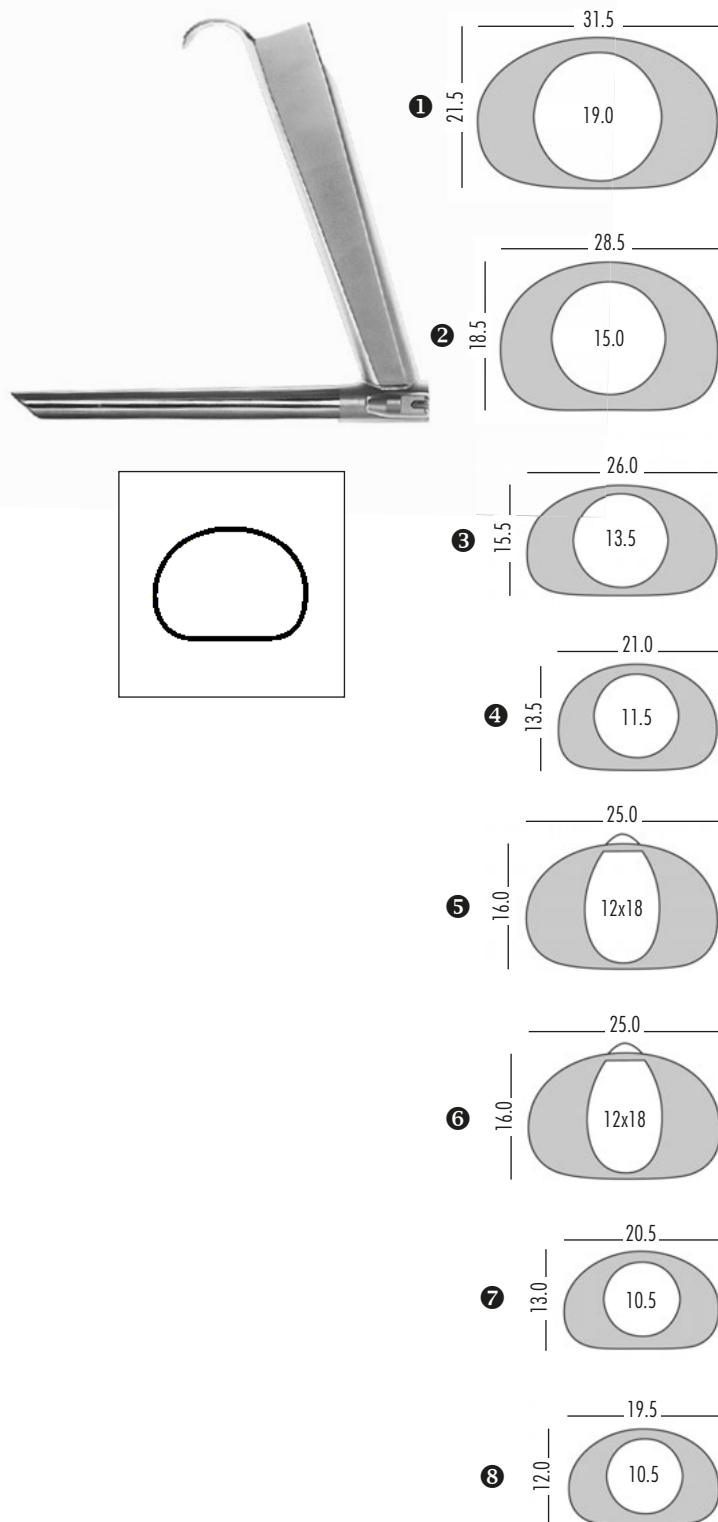
Complete with light carrier

90mm, 3"	Newborn	small	100-505-000
125mm, 5"	Babies	small	100-505-001
170mm, 6 ³ / ₄ "	Children	large	100-505-002
180mm, 7"	Adult	large	100-505-003

JACKSON

Spare light carrier

Newborn	100-505-100
Babies	100-505-101
Children	100-505-102
Adult	100-505-103



1 Adults, extra large
170mm, 6³/₄" 100-500-008

2 Adults, extra large
170mm, 6³/₄" 100-500-005

3 Adults, medium
170mm, 6³/₄" 100-500-004

4 Adults, small
180mm, 7" 100-500-003

5 Adults, medium, anterior
180mm, 7" 100-500-006

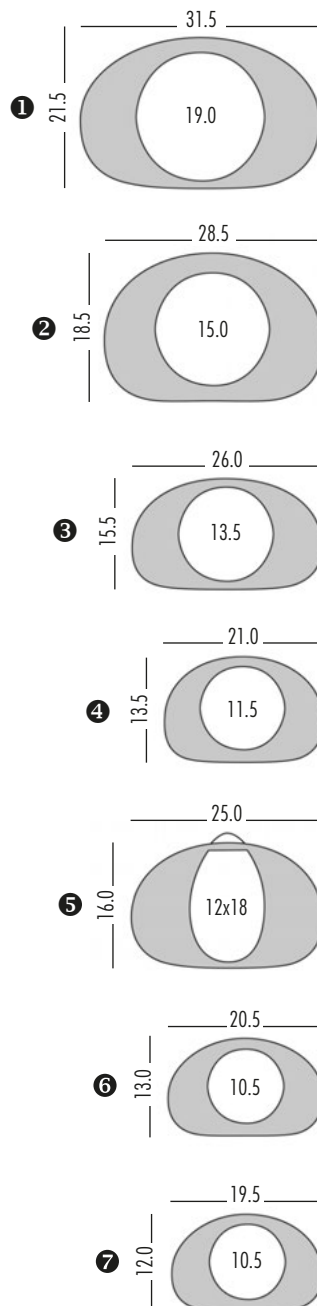
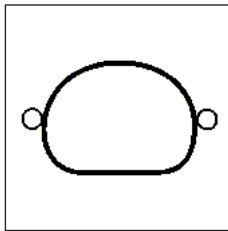
6 Adults, medium, long neck
220mm, 9³/₄" 100-500-007

7 Children, small
150mm, 6" 100-500-002

8 Infant, small
130mm, 5" 100-500-001

KLEINSASSER
Operationslaryngoskop
Operation Laryngoscope

Suitable accessories:
Fiber Optic Light Carrier: page 24
Suction Tubes: page 25
Injection Cannulas: page 26
Light Clip: page 26



➊ Adults, extra large

170mm, 6³/₄" 100-500-537

➋ Adults, extra large

170mm, 6³/₄" 100-500-536

➌ Adults, medium

170mm, 6³/₄" 100-500-535

➍ Adults, small

180mm, 7" 100-500-534

➎ Adults, medium, anterior

180mm, 7" 100-500-533

➏ Children, small

150mm, 6" 100-500-532

➐ Infant, small

130mm, 5" 100-500-531

KLEINSASSER-LASER

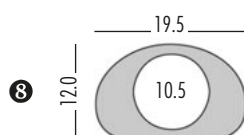
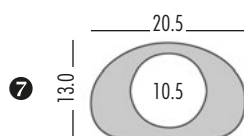
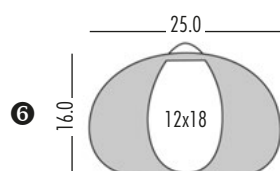
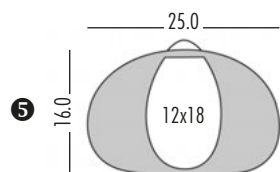
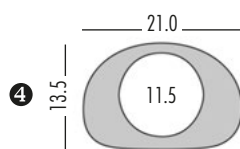
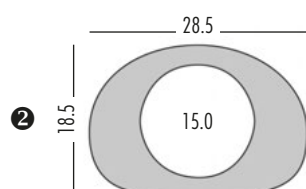
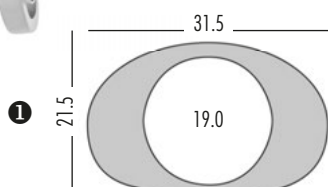
Operationslaryngoskop

Operation Laryngoscope

Suitable accessories:

Fiber Optic Light Carrier: page 24

Suction Tubes: page 25



1 Adults, extra large

170mm, 6³/₄" 100-500-208

2 Adults, extra large

170mm, 6³/₄" 100-500-205

2 Adults, medium

170mm, 6³/₄" 100-500-204

4 Adults, small

180mm, 7" 100-500-203

5 Adults, medium, anterior

180mm, 7" 100-500-206

6 Adults, medium, long neck

220mm, 9³/₄" 100-500-207

7 Children, small

150mm, 6" 100-500-202

8 Infant, small

130mm, 5" 100-500-201

Operationslaryngoskop, spreizbar
Operation Laryngoscope, spreadable

Suitable accessories:

Fiber Optic Light Carrier: page 24

Suction Tubes: page 25

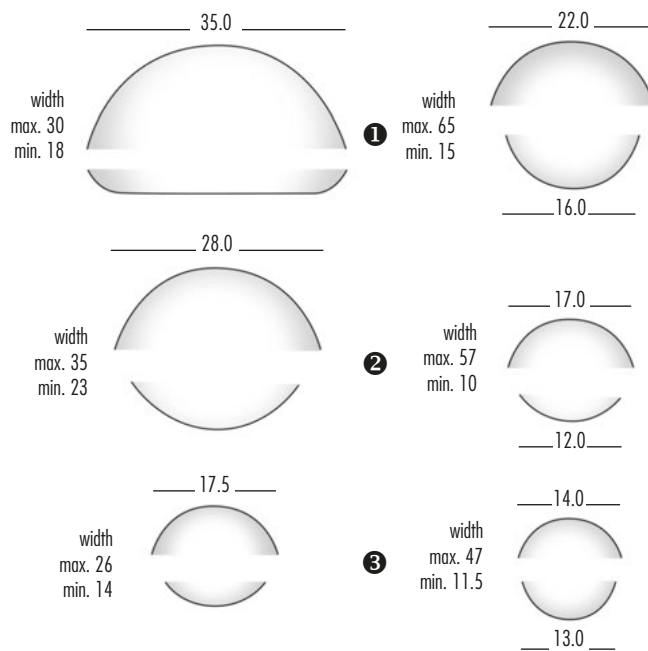
Injection Cannulas: page 26

Light Clip: page 26



PROXIMAL

DISTAL



1 Adults, extra large

180mm, 7" 100-500-583

2 Adolescent/adults

180mm, 7" 100-500-582

2 Children, small

135mm, 5¹/₃" 100-500-581

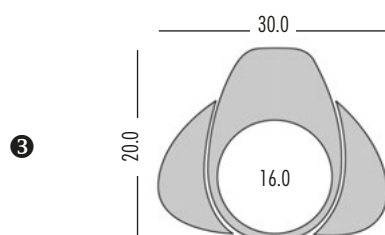
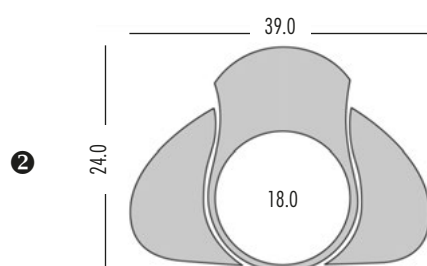
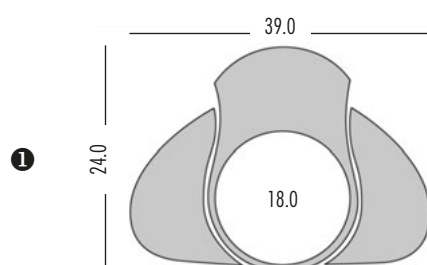
Operationslaryngoskop, spreizbar
Operation Laryngoscope, spreadable

Suitable accessories:

Fiber Optic Light Carrier: page 24

Suction Tubes: page 25

Injection Cannulas: page 26



① Adults, large

150mm, 6" 100-500-555

② Adults, large

170mm, 6³/₄" 100-500-554

③ Children, small

110mm, 4¹/₄" 100-500-553

KLEINSASSER, L.

Operationslaryngoskop

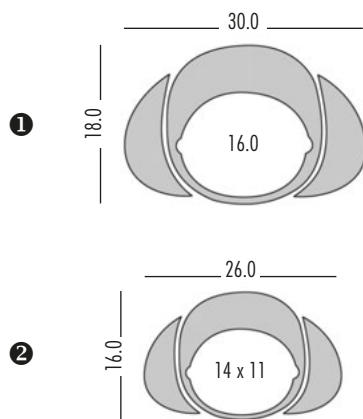
Operation Laryngoscope

Suitable accessories:

Fiber Optic Light Carrier: page 24

Suction Tubes: page 25

Injection Cannulas: page 26



① Children

115mm, 4¹/₂" 100-500-552

② Infant

95mm, 3³/₄" 100-500-551

KLEINSASSER, B-L

Operationslaryngoskop

Operation Laryngoscope

Suitable accessories:

Fiber Optic Light Carrier: page 24

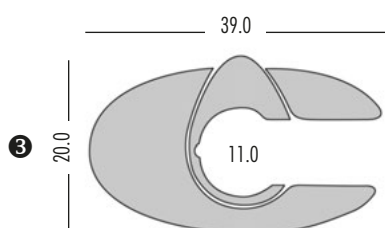
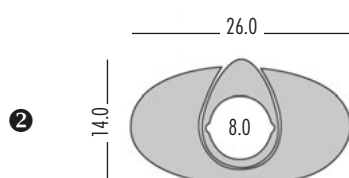
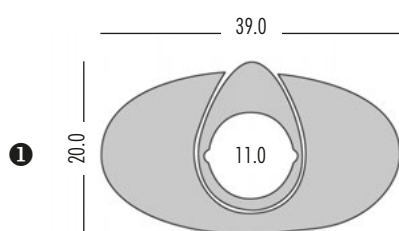
Suction Tubes: page 25

Injection Cannulas: page 26

KLEINSASSER, B.



KLEINSASSER, B.-P.



① Kleinsasser, B., children, medium

150mm, 6" 100-500-564

② Kleinsasser, B., children, small

115mm, 4^{1/2}" 100-500-563

③ Kleinsasser, B.-P., children, medium

150mm, 6" 100-500-562

KLEINSASSER, B.

KLEINSASSER, B.-P.

Operationslaryngoskop

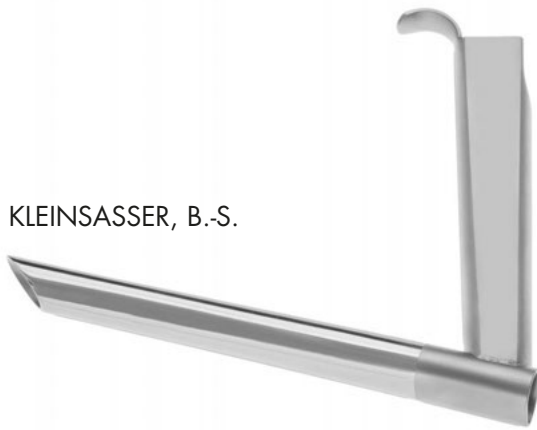
Operation Laryngoscope

Suitable accessories:

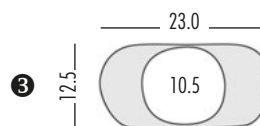
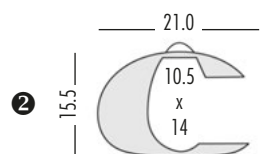
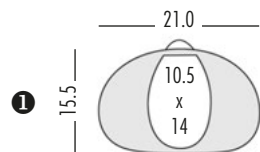
Fiber Optic Light Carrier: page 24

Suction Tubes: page 25

KLEINSASSER, B.-S.



KLEINSASSER, B.-P.-S.



① Kleinsasser, B.-S., adult, slender
170mm, 6³/₄" 100-500-573

② Kleinsasser, B.-P.-S., adult, slender
170mm, 6³/₄" 100-500-572

③ Kleinsasser, B.-S., adult, extra-slender
170mm, 6³/₄" 100-500-571

KLEINSASSER, B.-S.
KLEINSASSER, B.-P.-S.
Operationslaryngoskop
Operation Laryngoscope

Suitable accessories:
Injection Cannulas: page 26
Light Clip: page 26



75mm/3" working length for 100-500-001/100-500-002 100-500-201/100-500-202	100-500-019	Page 16,18
140mm/5 1/2" working length for 100-500-003 - 100-500-008 100-500-203 - 100-500-208	100-500-020	Page 16,18

Lichtträger
Fiber Optic Light Carrier



120mm/4 3/4" working length for 100-500-531	100-500-538	Page 17
140mm/5 1/2" working length for 100-500-532	100-500-539	Page 17
160mm/6 1/4" working length for 100-500-533 - 100-500-537	100-500-540	Page 17

Lichtträger
Fiber Optic Light Carrier



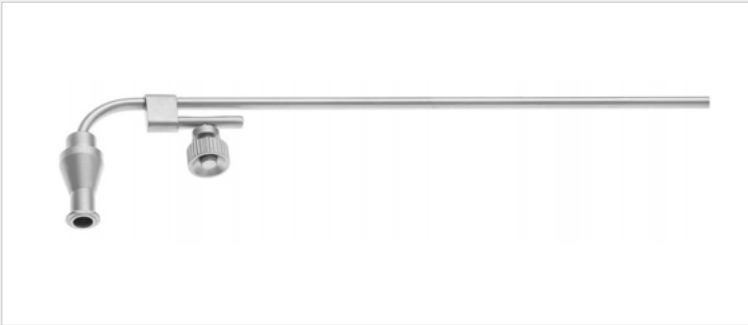
120mm/4 3/4" working length for 100-500-583 / 100-500-582	100-500-584	Page 19
100mm/4" working length for 100-500-581	100-500-585	Page 19

Lichtträger
Fiber Optic Light Carrier



65mm/2 1/2" working length for 100-500-563	100-500-556	Page 22
75mm/3" working length for 100-500-553 - 100-500-555	100-500-557	Page 20
120mm/4 3/4" working length for 100-500-562 / 100-500-564	100-500-538	Page 22

Lichtträger
Fiber Optic Light Carrier



90mm/3 ¹ / ₂ " working length for 100-500-001/100-500-002	100-500-080	Page 16
125mm/5" working length for 100-500-003/100-500-008	100-500-075	Page 16

Saugrohr, Ø 3mm
Suction Tube Ø 3mm



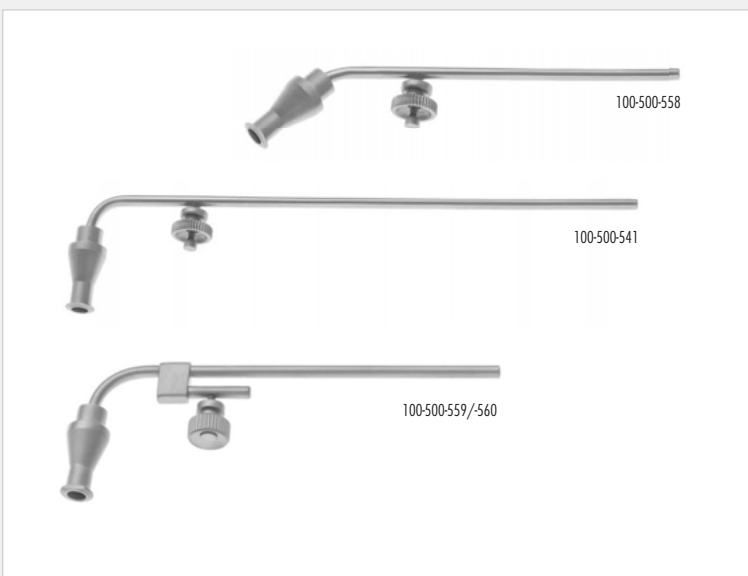
120mm/4 ³ / ₄ " working length for 100-500-531	100-500-541	Page 17
140mm/5 ¹ / ₂ " working length for 100-500-532	100-500-542	Page 17
160mm/6 ¹ / ₄ " working length for 100-500-533 - 100-500-537	100-500-543	Page 17

Saugrohr
Suction Tube



100mm/4" working length for 100-500-583 / 100-500-582	100-500-586	Page 19
120mm/4 ³ / ₄ " working length for 100-500-581	100-500-587	Page 19

Saugrohr
Suction Tube



65mm/2 ¹ / ₂ " working length for 100-500-552 / 100-500-551	100-500-558	Page 21
70mm/2 ³ / ₄ " working length for 100-500-553	100-500-559	Page 20
85mm/3 ¹ / ₄ " working length for 100-500-555 / 100-500-554	100-500-560	Page 20
120mm/4 ³ / ₄ " working length for 100-500-562 / 100-500-564	100-500-541	Page 22

Saugrohr
Suction Tube



85mm/ $3\frac{1}{4}$ " working length for 100-500-001 - 100-500-008 100-500-201 - 100-500-208	100-500-050	Page 16, 18
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Injektionskanüle
Injection Cannula



70mm/ $2\frac{3}{4}$ " working length 100-500-583 / 100-500-582	100-500-588	Page 19
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Injektionskanüle
Injection Cannula



85mm/ $3\frac{1}{4}$ " working length for 100-500-553 - 100-500-555	100-500-561	Page 20
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Injektionskanüle
Injection Cannula



135mm/ $5\frac{1}{4}$ " working length $\varnothing$ 2mm	100-500-574	Page 23
135mm/ $5\frac{1}{4}$ " working length $\varnothing$ 3mm	100-500-575	Page 23

Injektionskanüle, biegsam
Injection Cannula, malleable



	100-500-576	Page 16, 18, 23
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Licht Clip
Light Clip



Chest Support, complete, for Operating Laryngoscopes

240mm, 9 ¹ / ₂ "	Ø95mm	Children	100-500-101
340mm, 13 ¹ / ₂ "	Ø95mm	Adult	100-500-100



Support Rod, with ring

240mm, 9 ¹ / ₂ "	Ø95mm	Children	100-500-111
340mm, 13 ¹ / ₂ "	Ø95mm	Adult	100-500-113



Joint for Chest Support

100-500-110

**LEWY**

Chest Support, for Operating Laryngoscopes

340mm, 13 1/2"

Adult

100-500-102



Supporting Table for Chest Support, complete set

100-500-150



Laryngoscope Handle, detachable, for LEWY Chest Support
and Operating Laryngoscopes

100-512-000



Chest Support, complete, for Operating Laryngoscopes

340mm, 13¹/₂" Ø90mm

100-500-200



Support rod only, for Operating Laryngoscopes

340mm, 13¹/₂" Ø90mm

100-500-210



Chest Support, complete with 2 lateral screws,
for Operating Laryngoscopes

340mm, 13¹/₂" Ø120mm

100-500-400



Support rod

340mm, 13¹/₂" Ø120mm

100-500-410



Joint for Breast Support

100-500-420



100-500-310

Rhino-Pharyngoskop
mit Quarzglasbildbündelsystem,
ca 2-3 µm Pixelgröße, 7000 Pixel

Parameter/Technische Daten:

- hohe Auflösung
- hervorragende Bedienungseigenschaften
- größere Helligkeit

Arbeitslänge	max. 300 mm
∅ im Bereich der Arbeitslänge	3,2 mm
2-fach abwinkelbare Spitze	auf 160° ab 160°
Länge der abwinkelbaren Spitze	20 mm
minimaler Biegeradius	30 mm
Blickrichtung	0°
Bildwinkel	85°
Fokussierung	3 - 60 mm
im Koffer mit Zubehör, u.a. Manometer	

Rhino-Pharyngoscope
with fused silica image guide system,
ca. 2-3 µm pixel size, 7000 pixels

Parameter/Technical Data:

- high resolution
- excellent pushing characteristics
- higher illumination

working length	max. 300 mm
outer ∅	3.2 mm
2-way tip-deflection	up 160°, down 160°
length of movable tip-section	20 mm
minimal bending radius	30 mm
viewing direction	0°
field of view	85°
focussion	3 - 60 mm
in case with accessories a.o. Manometer	

Vollständig gassterilisierbar (ETO/Formaldehyd) und in Desinfektionsmittel einlegbar.
Fully soakable, ETO, gas sterilizable



100-500-380

Rhino-Pharyngoskop
mit konventionellem Bildbündelsystem
12.000 Pixel, 10 µm-Fasern

Parameter/Technische Daten:

- kontrastreiches Bild
- hohe Flexibilität
- einfache Fokussierung

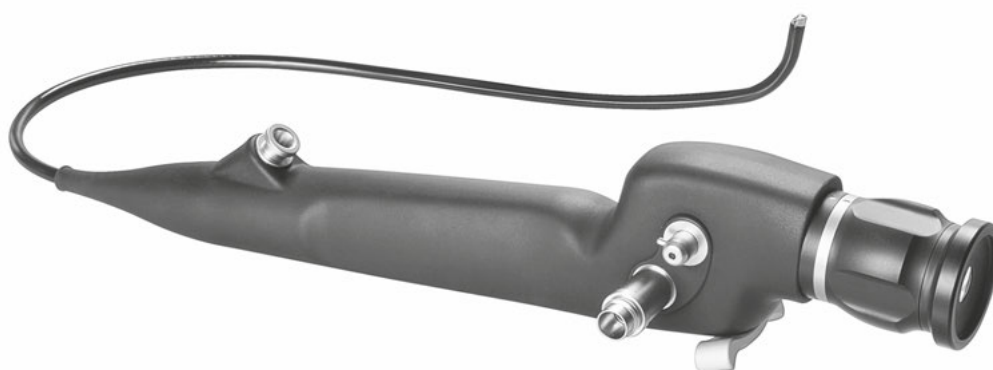
Arbeitslänge	max. 300 mm
∅ im Bereich der Arbeitslänge	3,8 mm
2-fach abwinkelbare Spitze	auf 125° ab 125°
Länge der abwinkelbaren Spitze	25 mm
minimaler Biegeradius	30 mm
Blickrichtung	0°
Bildwinkel	Weitwinkel
Fokussierung	3 mm bis unendlich
im Koffer mit Zubehör, u.a. Manometer	

Rhino-Pharyngoscope
with conventional image guide system,
12.000 pixels, 10 µm-fibres

Parameter/Technical Data:

- high-contrast image
- high flexibility
- easy to focus

working length	max. 300 mm
outer ∅	3.8 mm
2-way tip-deflection	up 125°, down 125°
length of movable tip-section	25 mm
minimal bending radius	30 mm
viewing direction	0°
field of view	wide angle
focussion	3 mm to infinity
in case with accessories a.o. Manometer	



100-500-385

Die Rhino-Pharyngoskope der neuen Generation sind intuitiv bedienbar und ergonomisch optimal geformt, entwickelt für die notwendige Feinfühligkeit im täglichen Routineeinsatz und ein ermüdungsfreies Handling. Hochwertige Bildleiter und ein leistungsfähiges optisches System liefern große und helle Bilder bester Auflösung – die Voraussetzung für eine sichere Diagnose und Therapie.

Dank solider Verarbeitung und konsequenter Verwendung moderner Hochleistungswerkstoffe sind Rhino-Pharyngoskope robuster und langlebiger – trotz steigender Belastung durch moderne Aufbereitungsverfahren. Funktionelles Design für ein entspanntes, angenehmes Handling, feinfühlig aber robuste Steuerung.

Optimale Flexibilität und Torsionssteifigkeit des Einführschachts, leistungsfähiges optisches System, größere, hellere, schärfere Bilder.

Geeignete Wiederaufbereitungsverfahren:

- einlegbar in Reinigungs- und Desinfektionslösung
- STERRAD®
- STERIS®
- ETO
- maschinelle Aufbereitung (RDG-E)

Rhino-Pharyngoskop **mit Arbeitskanal** und ETO-Ventil
18,000 pixel

Einführschlauch:	4,0 mm
Arbeitslänge:	320 mm
Abwinklung:	auf/ab 130°
Blickfeld:	80°
Tiefenschärfe:	1-50 mm

Zubehör:

ETO-Kappe
Dichtigkeitstester
Adapter Storz/Olympus
Adapter Wolf
PE-Zange 1,0 mm x 800 mm
Reinigungsbürste 1,5 mm x 1100 mm
Kappe für Arbeitskanal

The Rhino-Pharyngoscopes of the new generation allow an intuitive handling: They have been developed in order to meet the required sensitivity in the daily use.

High-quality fibres and a powerful optical system provide great and bright pictures of best resolution – the main condition for a save diagnosis and therapy.

Thanks to the stable manufacture out of modern high-standard material, our Rhino-Pharyngoscopes are very robust and durable – despite growing imposition through modern preparation methods. The functional design offers a relaxed, comfortable handling due to its ergonomic shape under a sensitive but robust control.

Optimal flexibility and torsion rigidity of the sheath.

Suitable preparation methods:

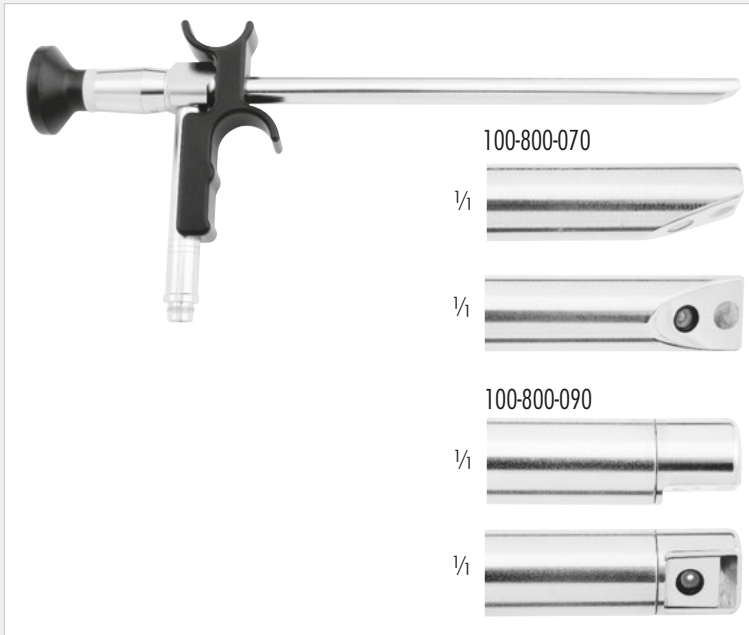
- Solution for cleaning or disinfection
- STERRAD®
- STERIS®
- ETO
- Automatic preparation (RDG-E)

Rhino-Pharyngoscope **with working channel** and ETO valve
18.000 pixel

Insertion tube:	4.0 mm
Working length:	12 ½ inch
Max bending:	up/down 130°
Field of view:	80°
Depth of field:	1-50 mm

Accessories:

ETO valve
Leakage tester
Adaptor Storz/Olympus
Adaptor Wolf
PE-Forceps 1.0 mm x 800 mm
Cleaning Brush 1.5 mm x 1100 mm
Sealing cap for working channel

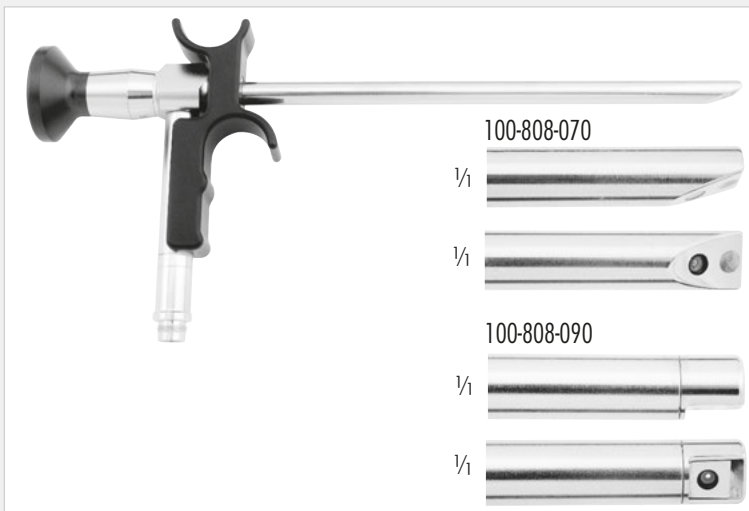


100-800-070 70°

100-800-090 90°

Laryngo-Pharyngoskop, autoklavierbar, Ø 10 mm, 175 mm

Laryngo-Pharyngoscope, autoclavable, Ø 10 mm, 6 ¾ inch

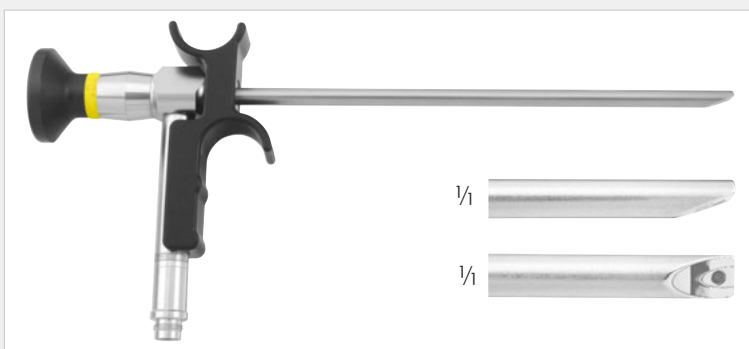


100-808-070 70°

100-808-090 90°

Laryngo-Pharyngoskop, autoklavierbar, Ø 8 mm, 190 mm

Laryngo-Pharyngoscope, autoclavable, Ø 8 mm, 7 ½ inch



100-805-070 Ø 5 mm

100-806-070 Ø 6 mm

Zoom-Laryngo-Pharyngoskop, autoklavierbar, 70°, 190 mm

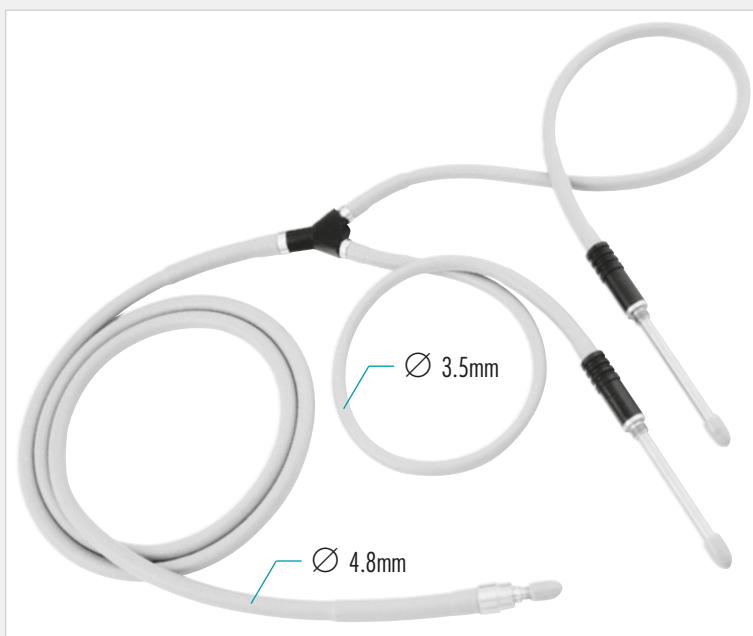
Zoom-Laryngo-Pharyngoscope, autoclavable, 70°, 7 ½ inch



250-025-230	Ø 2.5 mm, 2300 mm
250-025-300	Ø 2.5 mm, 3000 mm
250-035-180	Ø 3.5 mm, 1800 mm
250-035-230	Ø 3.5 mm, 2300 mm
250-035-300	Ø 3.5 mm, 3000 mm
250-048-180	Ø 4.8 mm, 1800 mm
250-048-230	Ø 4.8 mm, 2300 mm
250-048-300	Ø 4.8 mm, 3000 mm

RZ

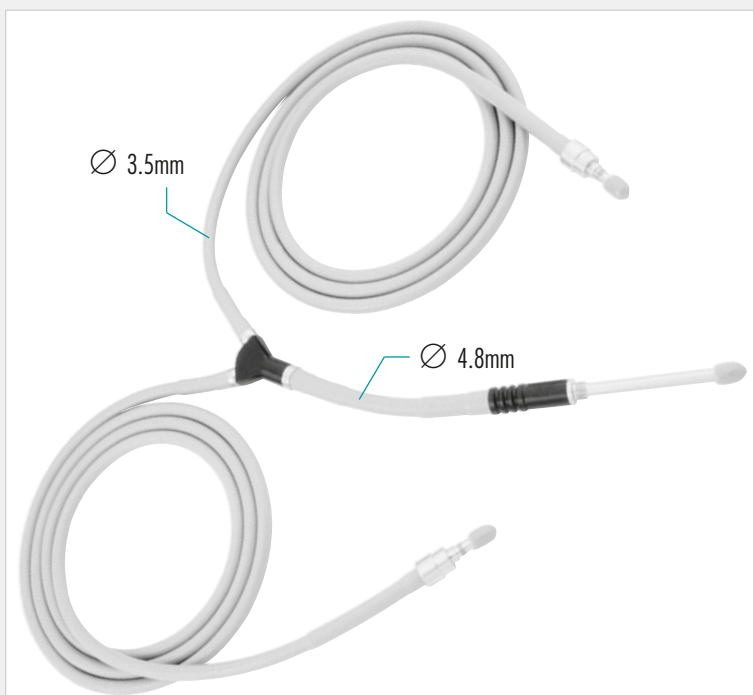
Hochentwickeltes Xenon Lichtleiterkabel mit eingebautem Glasstab für hohe Temperaturwiderstandsfähigkeit
Advanced High Temperature Xenon Light cable with built-in glass rod



250-053-180	Ø 3.5 mm, 1800 mm
250-053-230	Ø 3.5 mm, 2300 mm

RZ

Kaltlichtleitkabel, mit 2 Lichteingängen und 1 Lichtausgang, ohne Adapter (Seite 30)
Cold light cable, with 2 light inputs and 1 light output, without adaptor pieces (page 30)



250-054-180	Ø 3.5 mm, 1800 mm
250-054-230	Ø 3.5 mm, 2300 mm

RZ

Kaltlichtleitkabel, mit 1 Lichteingang und 2 Lichtausgängen, ohne Adapter (Seite 30)
Cold light cable, with 1 light input and 2 light outputs, without adaptor pieces (page 30)

Adapter für Lichtleitkabel zum Anschluß an das Teleskop Adaptor pieces for fibre light guide to use with telescope



RZ/Storz/Olympus



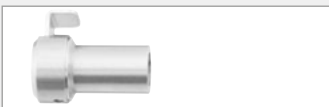
250-042-000

Wolf



250-040-000

ACMI/British Standard



250-041-000

Adapter für Lichtleitkabel zum Anschluß an die Lichtquelle Adaptor pieces for fibre light guide to use with lightsource



RZ/Storz



250-039-000

ACMI/British Standard/CUDA



250-038-000

Luxtec



250-048-000

Stryker



250-051-000

Wolf



250-037-000

Olympus



250-044-000

Olympus - Standard



250-045-000

Heine



250-052-000

Pentax

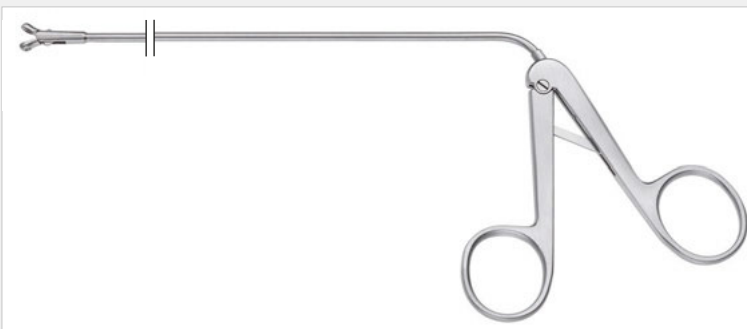


250-059-000

Bestellbeispiel/Ordering Example:

Lichtleitkabel, 4.8mm x 2300 mm für RZ-Teleskop und RZ-Lichtquelle = 250-048-230 + 250-039-000 + 250-042-000

Light guide, 4.8 mm x 2300 mm for RZ-Telescope and RZ-Lightsource = 250-048-230 + 250-039-000 + 250-042-000



100-700-030

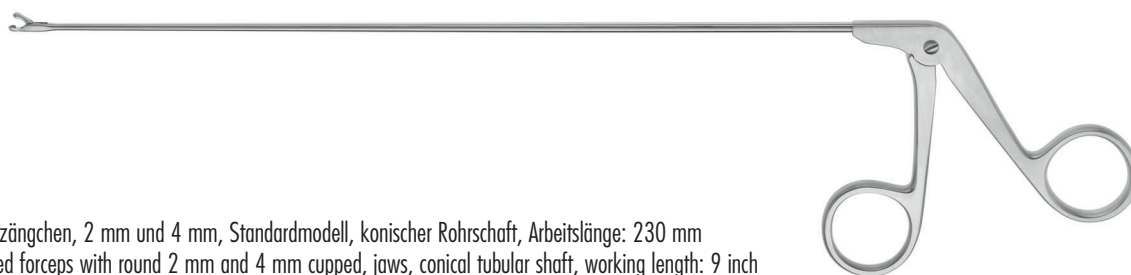
Laryngoskopie-Biopsiezange, schweres Modell, 5mm Löffelmaul, gerade, doppelbeweglich, 230mm

Laryngoscopic-Biopsyforceps heavy, with round 5mm cupped jaws, double action, 9 inch

100-704-230

Laryngoskopie-Biopsiezange, schweres Modell, 3x4mm Löffelmaul, gerade, einfach beweglich, 230mm

Laryngoscopic-Biopsyforceps heavy, with 3x4mm cupped jaws, single action, 9 inch



Löffelzängchen, 2 mm und 4 mm, Standardmodell, konischer Rohrschaft, Arbeitslänge: 230 mm
Cupped forceps with round 2 mm and 4 mm cupped, jaws, conical tubular shaft, working length: 9 inch



100-700-001



100-700-101



100-700-002



100-700-102



100-700-003



100-700-103



100-700-004



100-700-104



100-700-005



100-700-101



100-700-102



100-700-103



100-700-006



100-700-007



100-700-008



100-700-104



100-700-020



100-700-021



100-700-022



100-700-023



100-700-024



100-700-025



100-700-026



100-700-020



100-700-021



100-700-022



100-700-023



100-700-024



100-700-025



100-700-026



100-700-020

2 mm

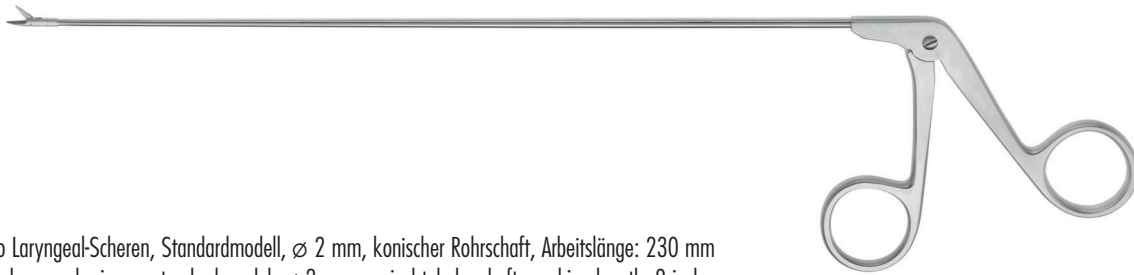
- 100-700-001 gerade/straight
- 100-700-002 aufgebogen/curved upwards
- 100-700-003 rechts gebogen/curved right
- 100-700-004 links gebogen/curved left
- 100-700-005 rechts aufgebogen/curved upwards right
- 100-700-006 links aufgebogen/curved upwards left
- 100-700-007 horizontal, nach rechts öffnend/horizontal curved right opening
- 100-700-008 horizontal, nach links öffnend/horizontal curved left opening

4 mm

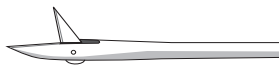
- 100-700-101 gerade, straight
- 100-700-102 aufgebogen/curved upwards
- 100-700-103 rechts gebogen/curved right
- 100-700-104 links gebogen/curved left

Faßzängchen, Standardmodell, konischer Rohrschaft 2 mm, Nutzlänge 230mm
Alligator forceps, standard model, conical tubular shaft 2 mm, working length 9 inch

- 100-700-020 gerieft, gerade/serrated, straight
- 100-700-021 nach rechts gebogen/curved right
- 100-700-022 nach links gebogen/curved left
- 100-700-023 aufgebogen/curved upwards
- 100-700-024 mit dreieckigem Maul, nach rechts aufgebogen/with triangular jaws, curved upwards right
- 100-700-025 mit dreieckigem Maul, nach links aufgebogen/with triangular jaws, curved upwards left
- 100-700-026 mit dreieckigem Maul, gerade/with triangular jaws, straight



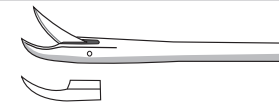
Mikro Laryngeal-Scheren, Standardmodell, $\varnothing$ 2 mm, konischer Rohrschaft, Arbeitslänge: 230 mm
Micro laryngeal scissors, standard model, $\varnothing$ 2 mm, conical tubular shaft, working length: 9 inch



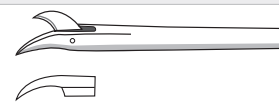
100-700-050 gerade/straight



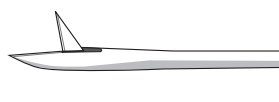
100-700-051 45° aufgebogen/upcurved



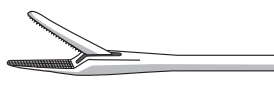
100-700-052 rechts gebogen/curved right



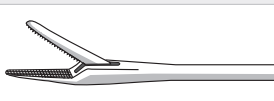
100-700-053 links gebogen/curved left



100-700-054 gerade, horizontal schneidend/straight, horizontal cutting



100-700-200 Nadelhalter mit Sperre, konischer Rohrschaft, Nutzlänge 230 mm
Needle holder with ratchet, conical tubular shaft, working length 9 inch



100-700-210 Nadelhalter mit Sperre, konischer Rohrschaft, mit diamantiertem Maulteil, Nutzlänge 230 mm
Needle holder with ratchet, conical tubular shaft, with diamond dusted jaw, working length 9 inch

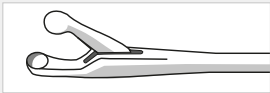


Paediatric Laryngeal Zangen nach Kleinsasser, konischer Rohrschaft, Arbeitslänge: 180 mm
Pediatric laryngeal forceps, Kleinsasser design, conical tubular shaft, working length: 7 inch

Löffelzängchen/Cupped Forceps



100-712-001 2 mm, gerade/straight



100-712-002 3 mm, gerade/straight

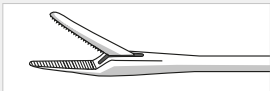


100-712-003 2 mm, aufgebogen/curved upwards



100-712-004 3 mm, aufgebogen/curved upwards

Alligator Zange, gerieft/Alligator Forceps, serrated

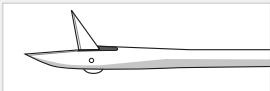


100-712-005 gerade/straight

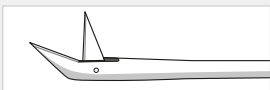


100-712-013 aufgebogen/curved upwards

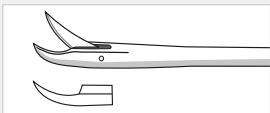
Schere/Scissors



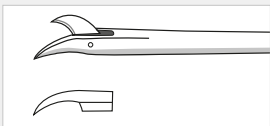
100-712-006 gerade/straight



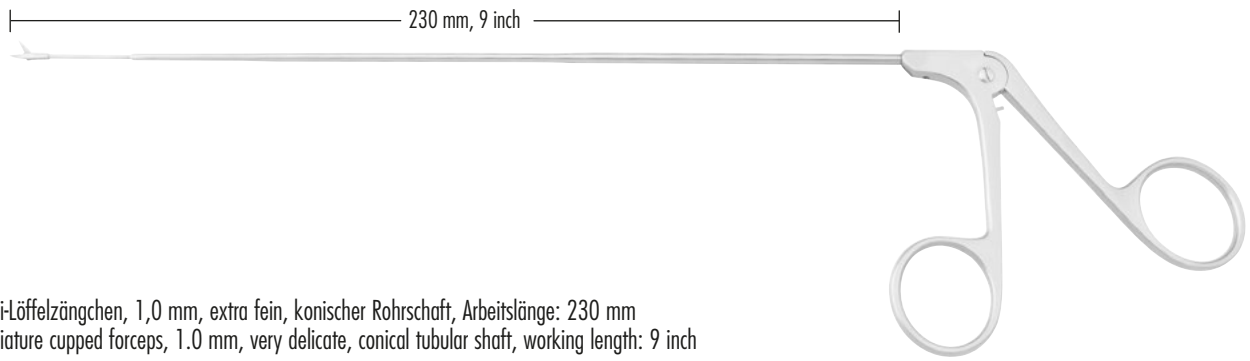
100-712-007 45° abgewinkelt/45° angled



100-712-008 rechts gebogen/curved right



100-712-009 links gebogen/curved left



Mini-Löffelzängchen, 1,0 mm, extra fein, konischer Rohrschaft, Arbeitslänge: 230 mm
Miniature cupped forceps, 1.0 mm, very delicate, conical tubular shaft, working length: 9 inch



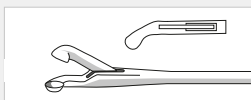
100-710-001 gerade/straight



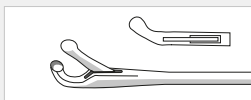
100-710-002 aufgebogen/curved upwards



100-710-003 nach rechts gebogen/curved right



100-710-004 nach links gebogen/curved left



100-710-005 nach rechts aufgebogen/curved upwards right



100-710-006 nach links aufgebogen/curved upwards left

Mini-Faßzängchen, gerieft, extra fein, konischer Rohrschaft, Arbeitslänge: 230 mm
Miniature forceps, serrated, very delicate, conical tubular shaft, working length: 9 inch



100-710-020 gerade/straight



100-710-021 nach rechts gebogen/curved right



100-710-022 nach links gebogen/curved left

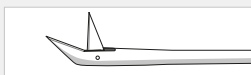


100-710-023 aufgebogen/curved upwards

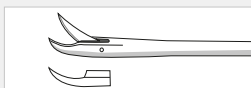
Mini-Scherchen, extra fein, konischer Rohrschaft, Nutzlänge 230 mm
Miniature Scissors, very delicate, conical tubular shaft, working length 9 inch



100-710-050 gerade/straight



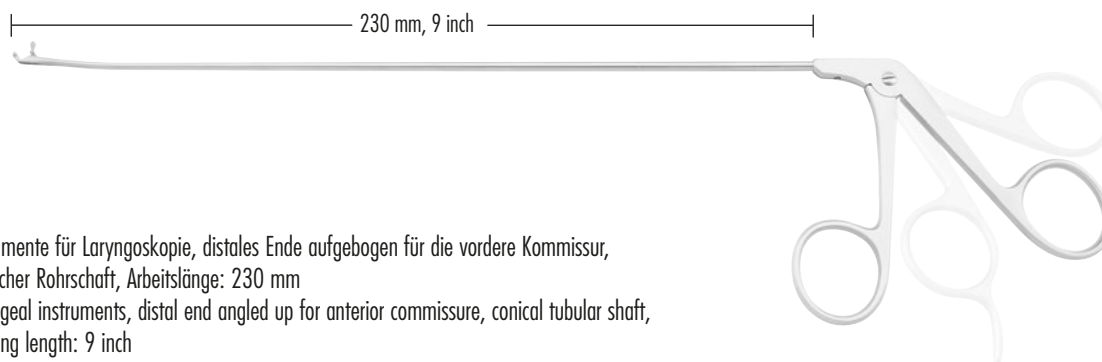
100-710-051 45° aufgebogen/angled 45°



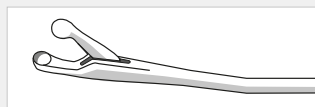
100-710-052 nach rechts gebogen/curved right



100-710-053 nach links gebogen/curved left

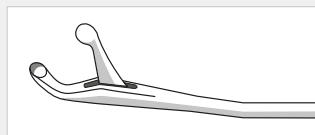


Instrumente für Laryngoskopie, distales Ende aufgebogen für die vordere Kommissur,
konischer Rohrschaft, Arbeitslänge: 230 mm
Laryngeal instruments, distal end angled up for anterior commissure, conical tubular shaft,
working length: 9 inch

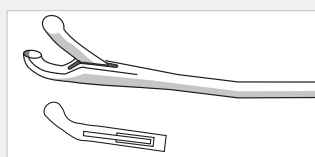


Löffelzängchen/cupped forceps, Ø 2.0 mm

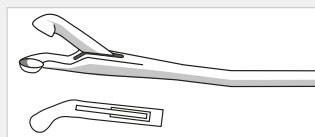
100-715-001 gerade/straight
100-725-001 gerade, Daumenkontrolle/straight, thumb control



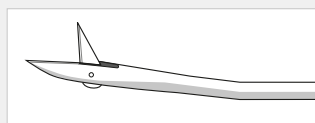
100-715-002 aufgebogen/curved upwards
100-725-002 aufgebogen, Daumenkontrolle/curved upwards, thumb control



100-715-003 nach rechts gebogen/curved right
100-725-003 nach rechts gebogen, Daumenkontrolle/curved right, thumb control



100-715-004 nach links gebogen/curved left
100-725-004 nach links gebogen, Daumenkontrolle/curved left, thumb control

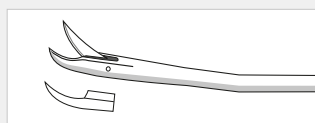


Schere/Scissors

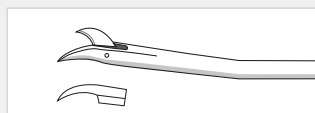
100-715-005 gerade/straight
100-725-005 gerade, Daumenkontrolle/straight, thumb control



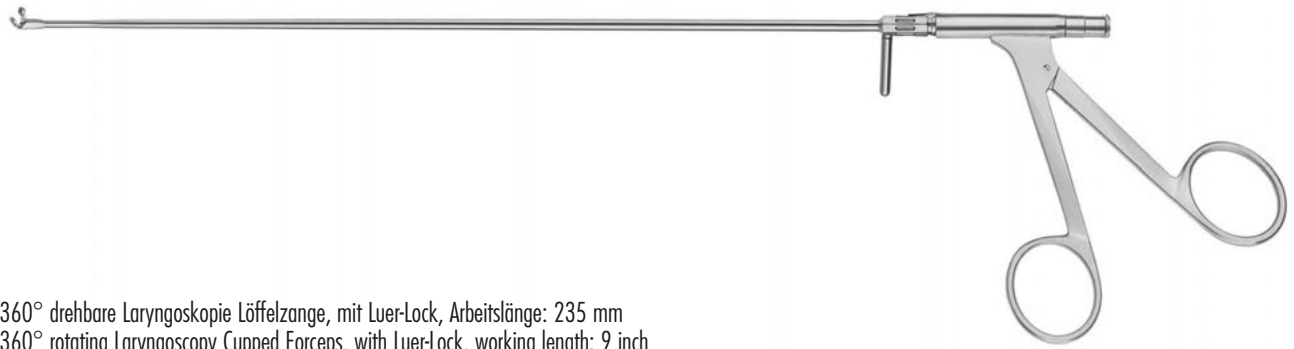
100-715-006 45° aufgebogen/45° angled upwards
100-725-006 45° aufgebogen, Daumenkontrolle/45° angled upwards, thumb control



100-715-007 nach rechts gebogen/curved right
100-725-007 nach rechts gebogen, Daumenkontrolle/curved right, thumb control



100-715-008 nach links gebogen/curved left
100-725-008 nach links gebogen, Daumenkontrolle/curved left, thumb control



360° drehbare Laryngoskopie Löffelzange, mit Luer-Lock, Arbeitslänge: 235 mm
360° rotating Laryngoscopy Cupped Forceps, with Luer-Lock, working length: 9 inch



100-700-501 2mm
gerade/straight

100-700-511 1mm
gerade/straight



100-700-502 2mm
aufgebogen/curved upwards

100-700-512 1mm
aufgebogen/curved upwards



100-700-503 2mm
rechts gebogen/curved right

100-700-513 1mm
rechts gebogen/curved right



100-700-504 2mm
links gebogen/curved left

100-700-514 1mm
links gebogen/curved left

360° drehbare Laryngoskopie Fasszange, mit Luer-Lock, Arbeitslänge: 235 mm
360° rotating Laryngoscopy Grasping Forceps, with Luer-Lock, working length: 9 inch



100-700-520
gerade/straight



100-700-523
aufgebogen/curved upwards



100-700-521
rechts gebogen/curved right



100-700-524
aufgebogen/curved upwards



100-700-522
links gebogen/curved left

360° drehbare Laryngoskopie Schere, mit Luer-Lock, Arbeitslänge: 235 mm
360° rotating Laryngoscopy Scissors, with Luer-Lock, working length: 9 inch



100-700-550
gerade/straight



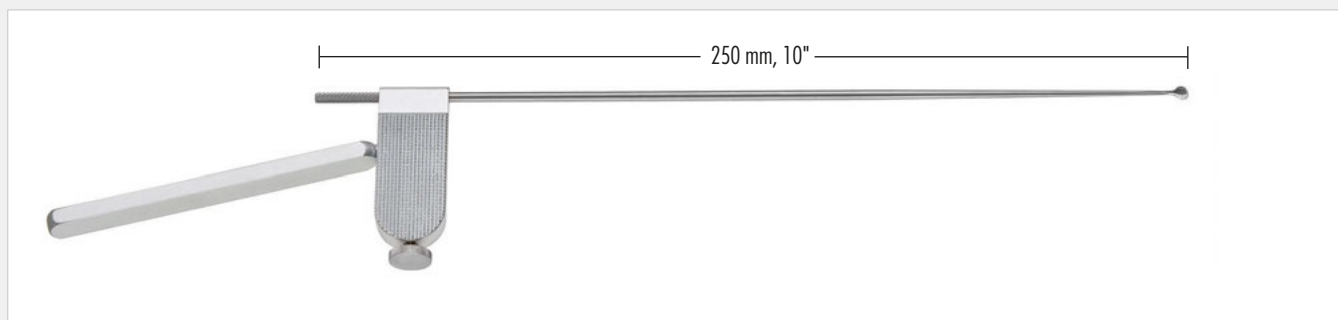
100-700-551
aufgebogen/curved upwards



100-700-552
rechts gebogen/curved right



100-700-553
links gebogen/curved left



100-850-001 - 100-850-012

Instrumente zur endolaryngealen Mikrochirurgie, Gesamtlänge: 250 mm

Laryngeal Instruments for Microsurgery, total length: 10"



100-850-000

Handgriff, alleine

Handle, only



100-850-001

Messer, rund, $\varnothing$ 2,5 mm, 45° abgewinkelt

Knife, round, $\varnothing$ 2.5 mm, 45° angled



100-850-002

Messer, rund, vertikal schneidend

Knife, round, vertical cutting



100-850-003

Messer, oval, gerade

Knife, oval, straight



100-850-004

Messer, sichelförmig

Knife, sickle shaped



100-850-005

Messer, golfstockförmig

Knife, golfstick shaped



100-850-006

Häkchen, stumpf, mit Sondenknopf

Hook, blunt, with probe end



100-850-007

Häkchen, scharf

Hook, sharp



100-850-008

Unterbindungsnaedel, nach rechts gebogen

Ligature Needle, curved to right



100-850-009

Unterbindungsnaedel, nach links gebogen

Ligature Needle, curved to left



100-850-010

Saugelevator

Elevator with suction channel



100-850-011

Knotenführer

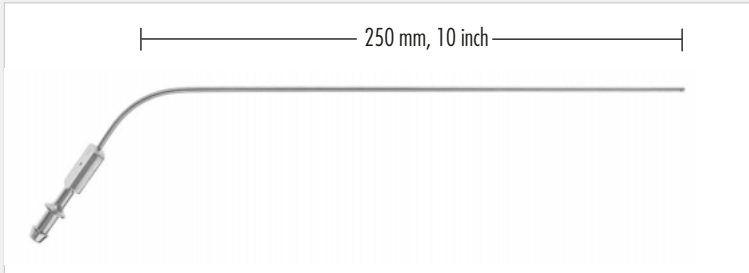
Knot guide



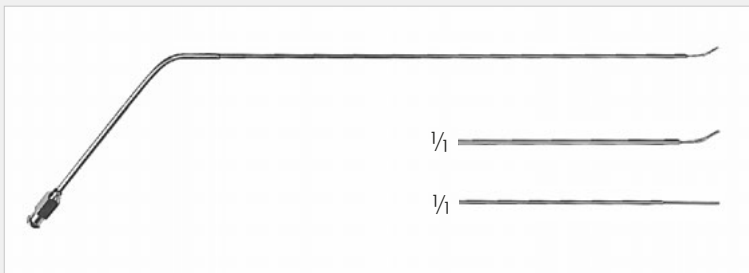
100-850-012

Häkchen, 90°, mit Sondenknopf

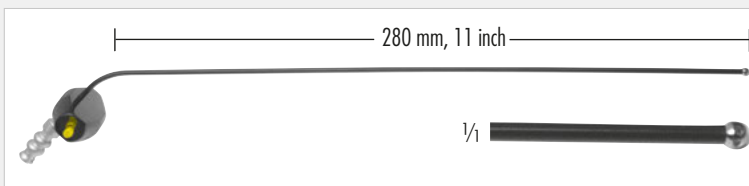
Hook with probe end, 90° angled



100-860-020 $\varnothing$ 2.0 mm
 100-860-025 $\varnothing$ 2.5 mm
 100-860-030 $\varnothing$ 3.0 mm
 Saugrohr, Arbeitslänge: 250 mm
 Suction tube, working length: 10 inch



100-861-001 gebogene Spitze/curved tip
 100-861-002 gerade Spitze/straight tip
 Injektionsnadel, mit Luer-Lock
 Injection needle, with Luer-Lock



100-862-030 2,5 mm, 280 mm, 11 inch
 100-864-030 5,0 mm, 270 mm, 10 1/2 inch

Saug- und Koagulationsrohr, **isoliert**, mit monopolarer Anschluß, abgewinkelt
 Insulated cannula for suction and coagulation, **insulated**, with monopolar connection, angled



100-870-000 Fig. 0, für Kinder/ for children
 100-870-001 Fig. 1
 100-870-002 Fig. 2
 100-870-003 Fig. 3
 Zahnschutz aus Metall
 Teeth protector, metal



100-870-100
 Zahnschutz aus Silikon, autoklavierbar
 Teeth protector, silicone, autoclavable

BIPOLAR CABLES



2-banana-pin *



Erbe



Martin, Berchtold,
Aesculap GK55 + sGK60



Valleylab, Lamidey, EMC



3m	700-350-030	700-101-001	700-287-030	700-351-031
5m	700-350-050	700-101-000	700-287-050	700-351-051

3m	700-350-130	700-101-130	700-287-130	700-351-131
5m	700-350-150	700-101-150	700-287-150	700-351-151

MONOPOLAR CABLES



1 banana pin 4mm



Martin, Berchtold,
Aesculap GK55 +
sGK60



Erbe



Valleylab, Lamidey,
EMC



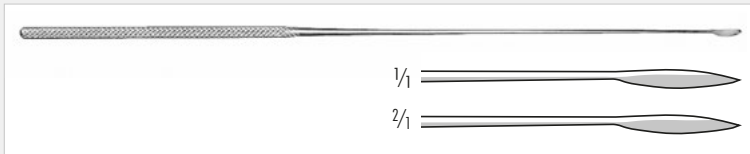
RZ HF Unit
Standard Plug



round-plug 4mm (instrument side)

3m	700-280-030	700-285-030	700-101-030	700-360-031	700-501-303
5m	700-280-050	700-285-050	700-101-050	700-360-051	700-501-503

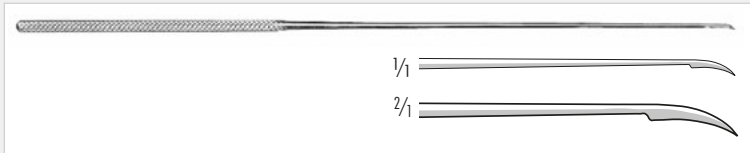
* Innerhalb Europas nicht mit CE-Markierung erhältlich
Not available with CE marking within Europe



100-853-295

JAKO-TYPE

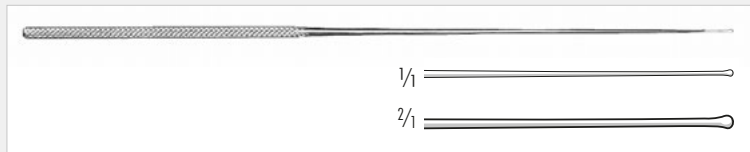
Laryngeal Messer, gerades Blatt, Klingenlänge: 8 mm, 295 mm
Laryngeal knife, straight blade, blade length: 8 mm, 11 3/4 inch



100-854-295

JAKO-TYPE

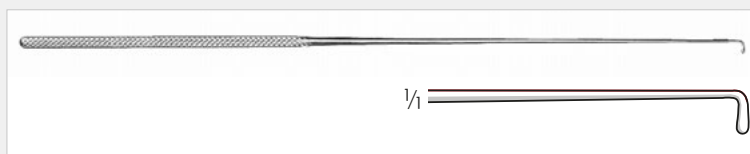
Laryngeal Sichelmesser, Klingenlänge: 8 mm, 295 mm
Laryngeal sickle knife, blade length: 8 mm, 11 3/4 inch



100-855-300

JAKO-TYPE

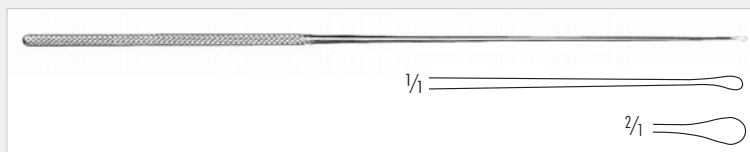
Laryngeal Sonde, gerade, Arbeitslänge: 220 mm, 295 mm
Laryngeal probe, straight, working length: 8 1/2 inch, 11 3/4 inch



100-856-300

JAKO-TYPE

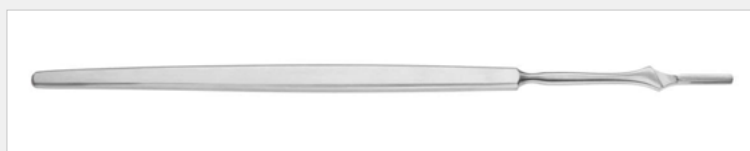
Laryngeal Sonde, 90° abgewinkelt, Arbeitslänge: 220 mm, 295 mm
Laryngeal probe, 90° angled, working length: 8 1/2 inch, 11 3/4 inch



100-857-300

JAKO-TYPE

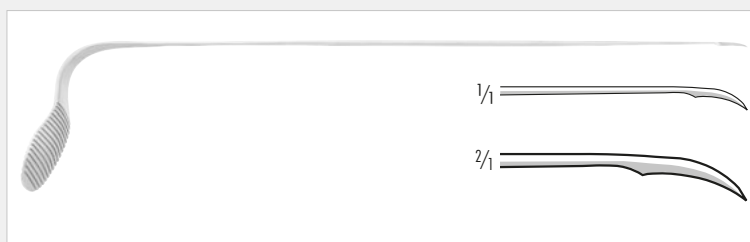
Mikro Dissektor, stumpf, 4 mm breit, Gesamtlänge: 295 mm
Micro dissector, blunt, 4 mm wide, 11 3/4 inch



100-858-300

JAKO-TYPE

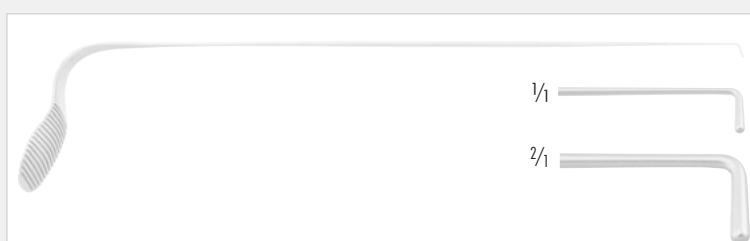
Skalpellgriff für Skalpellklingen Fig. 10,11,12 und 15, 190 mm
Scalpel handle for scalpel blades Fig. No.10,11,12, and 15, 7 1/2 inch



100-859-300

JAKO-TYPE

Mikro Sichelmesser mit Daumengriff, Klingenlänge: 8 mm, 295 mm
Micro sickle knife with thumbhandle, blade length: 8 mm, 11 3/4 inch

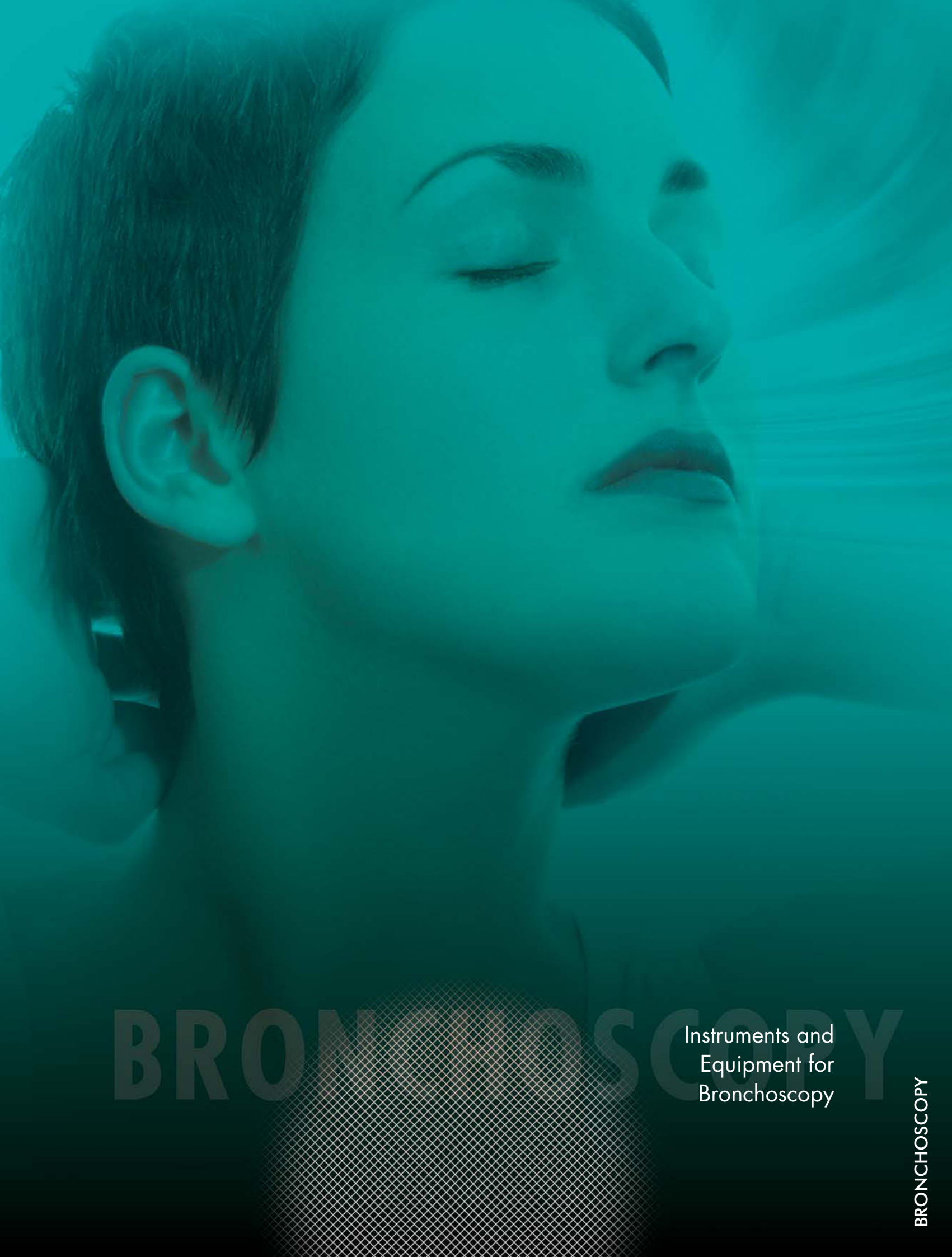


100-860-300

JAKO-TYPE

Mikro Laryngeal Haken mit Daumengriff, 90° abgewinkelt, 4 mm lang, 295 mm
Micro laryngeal probe with thumbhandle, 90° angled, 4 mm long, 11 3/4 inch

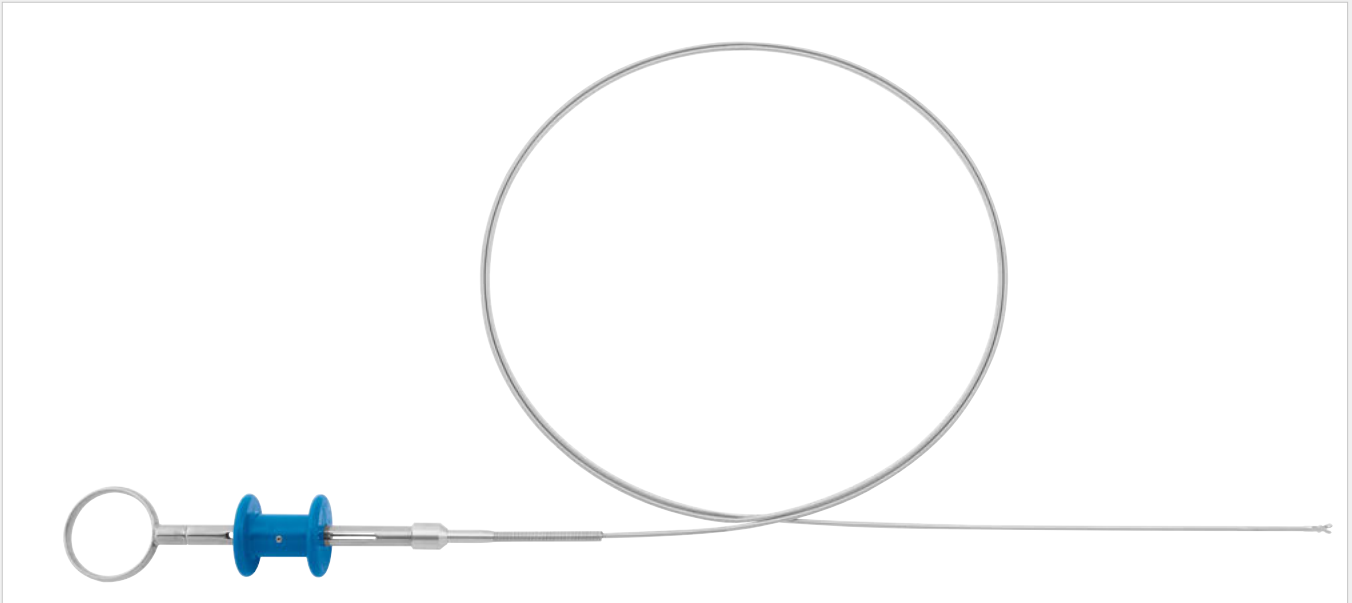
NOTES



BRONCHOSCOPY

Instruments and
Equipment for
Bronchoscopy

BRONCHOSCOPY

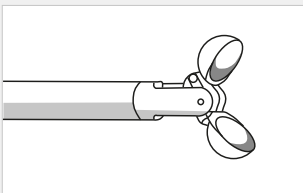


100-518-090 - 100-723-090

Flexible Biopsie- und Faßzangen, für flexible Endoskope,
doppelbewegliche Maulteile, voll sterilisierbar

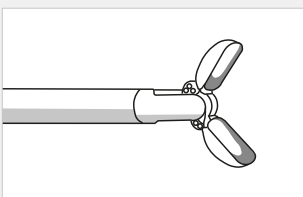
Flexible Biopsy- and Grasping forceps, for flexible Endoscopes,
double-action jaws, totally autoclavable

Biopsiezange, runder Löffel/Biopsy forceps, round cup



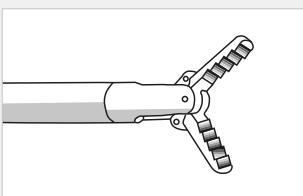
100-501-075	750 mm, 1,0 mm ø
100-518-090	900 mm, 1,8 mm ø
100-523-090	900 mm, 2,3 mm ø
100-518-120	1200 mm, 1,8 mm ø
100-523-120	1200 mm, 2,3 mm ø

Biopsiezange, ovaler Löffel/Biopsy forceps, oval cup

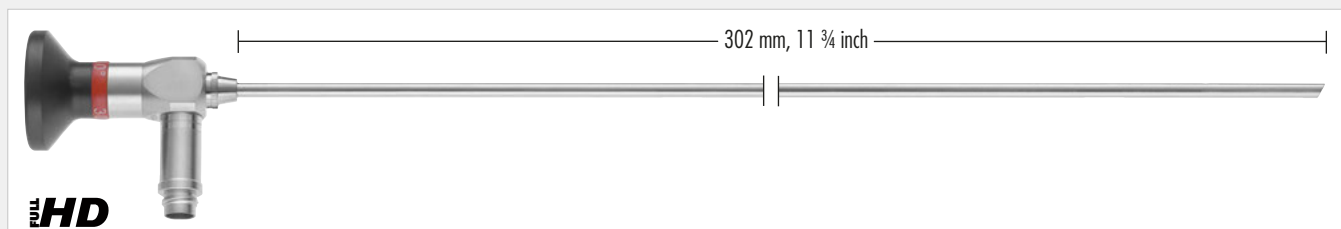


100-601-075	750 mm, 1,0 mm ø
100-618-090	900 mm, 1,8 mm ø
100-623-090	900 mm, 2,3 mm ø
100-618-120	1200 mm, 1,8 mm ø
100-623-120	1200 mm, 2,3 mm ø

Faßzange mit Hechtnaul/Alligator grasping forceps



100-701-075	750 mm, 1,0 mm ø
100-718-090	900 mm, 1,8 mm ø
100-723-090	900 mm, 2,3 mm ø
100-718-120	1200 mm, 1,8 mm ø
100-723-120	1200 mm, 2,3 mm ø



100-604-000

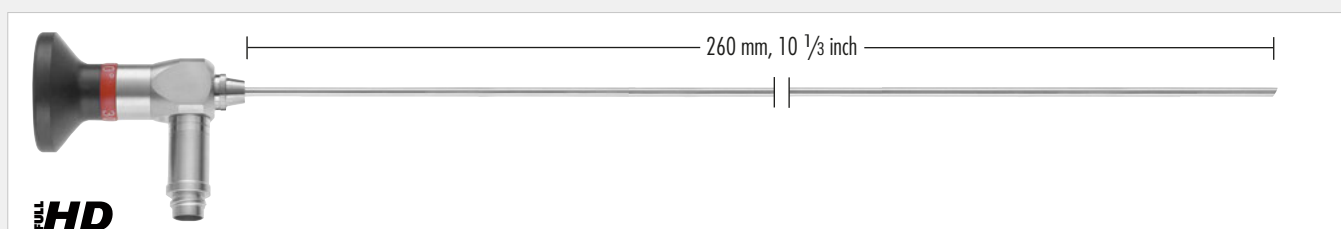
Bronchoskop, starr, 0°, ø 4 mm, autoklavierbar, Nutzlänge 302 mm

Bronchoscope, rigid, 0°, ø 4 mm, autoclavable, working length 11 3/4 inch

100-604-030

Bronchoskop, starr, 30°, 4 mm ø, autoklavierbar, Nutzlänge 302 mm

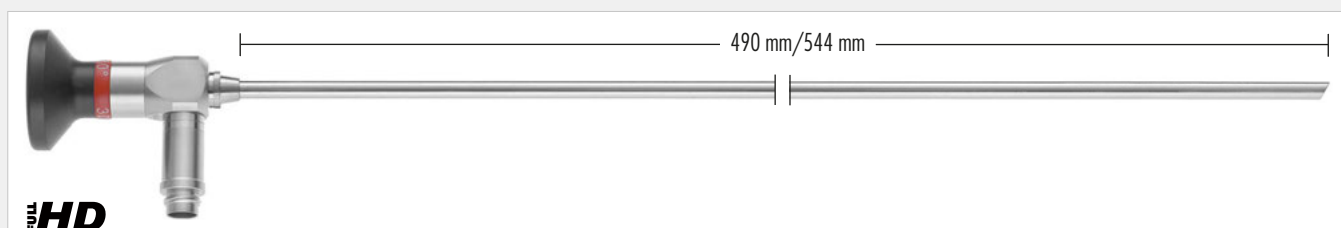
Bronchoscope, rigid, 30°, 4 mm ø, autoclavable, working length 11 3/4 inch



100-627-000

Bronchoskop, starr, 0°, ø 2,7 mm, autoklavierbar, Nutzlänge 260 mm

Bronchoscope, rigid, 0°, ø 2.7 mm, autoclavable, working length 10 1/3 inch



100-655-000 Nutzlänge 490 mm/working length 19 1/3 inch

100-655-100 Nutzlänge 544 mm/working length 21 1/3 inch

Bronchoskop, starr, 0°, ø 5,5 mm, autoklavierbar

Bronchoscope, rigid, 0°, ø 5.5 mm, autoclavable

100-655-030 Nutzlänge 490 mm/working length 19 1/3 inch

100-655-130 Nutzlänge 544 mm/working length 21 1/3 inch

Bronchoskop, starr, 30°, ø 5,5 mm, autoklavierbar

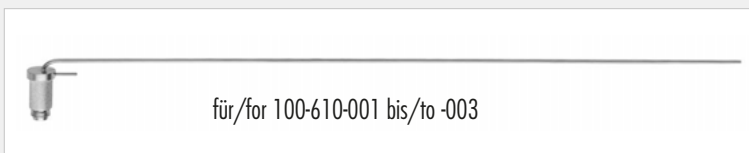
Bronchoscope, rigid, 30°, ø 5.5 mm, autoclavable



100-610-001	Erwachsene/adult 400 mm/15 ¾ inch	Ø 10 mm
100-610-002	Erwachsene, klein/adult, small 400 mm/15 ¾ inch	Ø 9.0 mm
100-610-003	Jugendliche/adolescent 400 mm/15 ¾ inch	Ø 8.0 mm
100-610-006	Kinder/children 300 mm/11 ¾ inch	Ø 7.0 mm
100-610-007	Kinder/children 300 mm/11 ¾ inch	Ø 6.5 mm
100-610-008	Kleinkinder/little children 275 mm/10 ¾ inch	Ø 5.4 mm
100-610-009	Säugling/Baby 275 mm/10 ¾ inch	Ø 4.1 mm
100-610-013	Säugling, Messing/Brass, Baby 275 mm/10 ¾ inch	Ø 3.7 mm
100-610-014	Säugling, Messing/Brass, Baby 180 mm/7 inch	Ø 3.7 mm

NEGUS

Bronchoskop, rostfreier Stahl
Bronchoscope, stainless steel

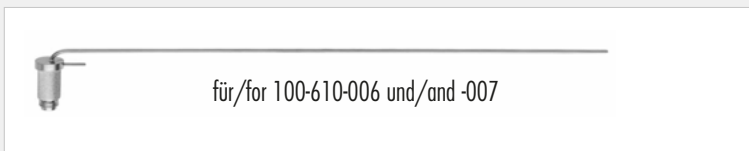


für/for 100-610-001 bis/to -003

100-610-025

NEGUS

Kaltlichtträger für Bronchoskope, 400 mm
Fibre optic light carrier for bronchoscope, 15 ¾ inch



für/for 100-610-006 und/and -007

100-610-026

NEGUS

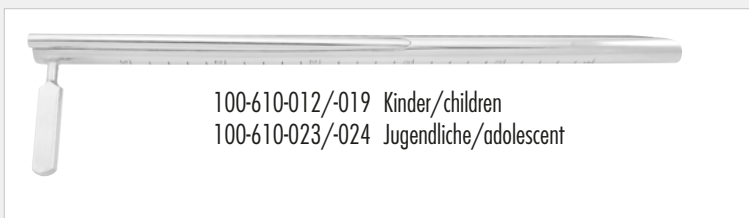
Kaltlichtträger für Bronchoskope, 300 mm
Fibre optic light carrier for bronchoscope, 12 inch



100-610-010	15,6 x 17,6 mm, 450 mm/17 ¾ inch
100-610-027	11.6 x 13.6 mm, 450 mm/17 ¾ inch

NEGUS

Oesophagoskop, Erwachsene, rostfreier Stahl,
Oesophagoscope, adult, stainless steel



100-610-012/-019 Kinder/children
100-610-023/-024 Jugendliche/adolescent

100-610-012	8.0 x 10 mm, 350 mm/13 ¾ inch
100-610-019	8.0 x 10 mm, 250 mm/10 inch
100-610-023	9.6 x 11.6 mm, 350 mm/13 ¾ inch
100-610-024	9.6 x 11.6 mm, 250 mm/10 inch

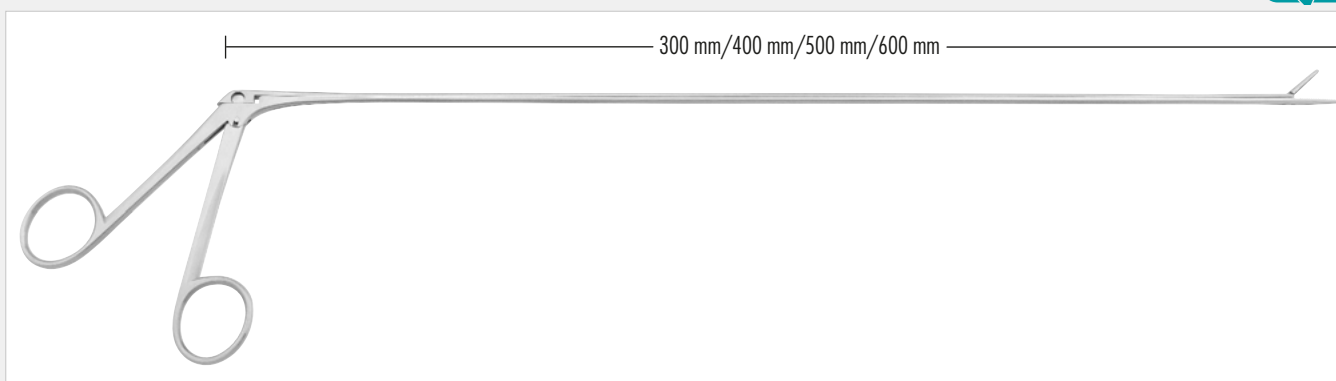
NEGUS

Oesophagoskop, Kinder, rostfreier Stahl
Oesophagoscope, children, stainless steel



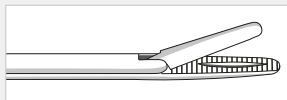
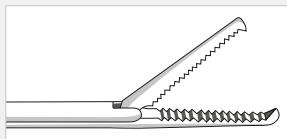
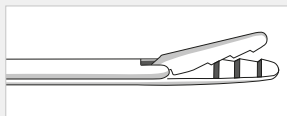
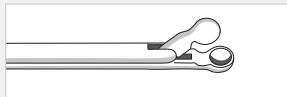
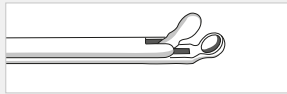
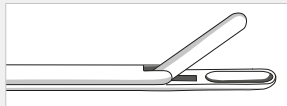
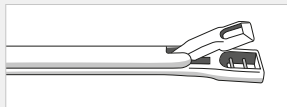
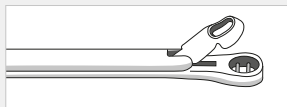
100-610-020	Erwachsene/adult
100-610-021	Erwachsene, kurz/adult, short
100-610-022	Kinder/children

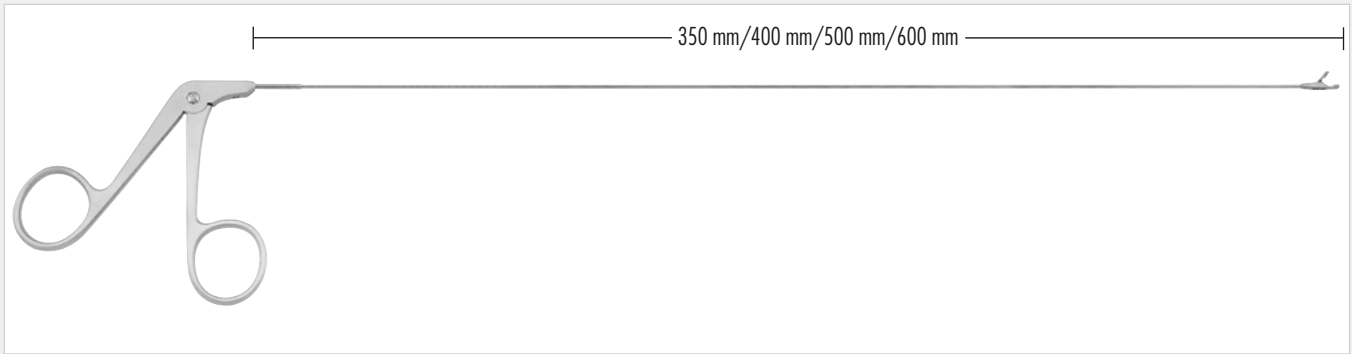
Kaltlichtträger, beidseitig, für Oeseophagoskop, 65 mm
Fibre optic light carrier, for use with oesophagoscope, 2 ½ inch



JACKSON

Broncho-Oesophagoskopie-Zangen und Biopsiezangen mit **Schieberschaft**, obere Maulteile beweglich
Broncho-oesophagoscopic forceps and Biopsy forceps with **sliding-shaft**, upper jaws moveable

		Schaftlänge/shaft-length			
		300 mm/12 inch	400 mm/15 ¾ inch	500 mm/19 ½ inch	600 mm/23 ½ inch
	gerieft/ serrated	100-750-301	100-750-401	100-750-501	100-750-601
	1x2 Zähne 1x2 teeth	100-750-302	100-750-402	100-750-502	100-750-602
	Alligator Zähne Alligator teeth	100-750-303	100-750-403	100-750-503	100-750-603
	Löffelmaul gerade Cupped jaws, straight	Ø 2 mm 100-750-304	100-750-404	100-750-504	100-750-604
		Ø 4 mm 100-750-305	100-750-405	100-750-505	100-750-605
	Löffelmaul aufgebogen Cupped jaws, upcurved	Ø 2 mm 100-750-306	100-750-406	100-750-506	100-750-606
		Ø 4 mm 100-750-307	100-750-407	100-750-507	100-750-607
	Löffelmaul, länglich, gerade Löffelmaul, oblong, straight	100-750-308	100-750-408	100-750-508	100-750-608
	Stanzenmaul, eckig Punch jaw, angular	100-750-309	100-750-409	100-750-509	100-750-609
	Stanzenmaul, rund Punch jaw, round	100-750-310	100-750-410	100-750-510	100-750-610



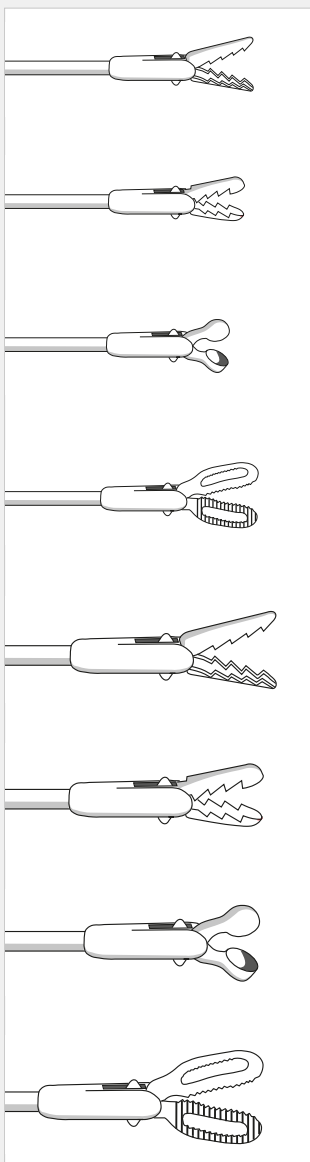
Laryngo-Broncho-Oesophagoskopiezangen, mit **Rohrschaft**
Broncho-Oesophagoscopic forceps, with **tubular shaft**

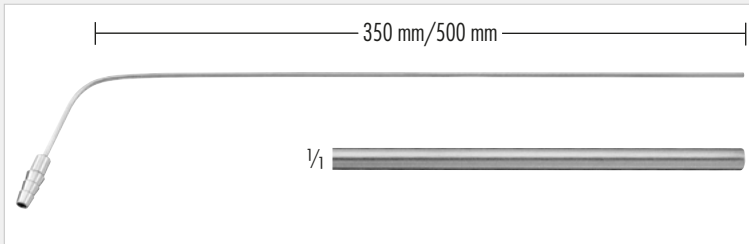
	Schaftlänge/shaft-length	Schaftstärke/shaft ø 2.5 mm			Kinder/children ø 1.5 mm
		400 mm/15 ¾ inch	500 mm/19 ½ inch	600 mm/23 ½ inch	350 mm/13 ¾ inch
	Stanzmaul/Punch jaw	100-720-401	100-720-501	100-720-601	100-720-301
	Fasszange, gerieft Grasping Forceps, serrated	100-720-402	100-720-502	100-720-602	100-720-302
	Fasszange, gerieft, gefenestert Grasping Forceps, serrated, fenestrated	100-720-403	100-720-503	100-720-603	100-720-303
	Alligator Zähne Alligator teeth	100-720-404	100-720-504	100-720-604	100-720-304
	Löffelmaul, gerade Cupped Forceps, straight	100-720-405	100-720-505	100-720-605	100-720-305
	Löffelmaul, horizontal aufgebogen Cupped Forceps, horizontal upcurved	100-720-406	100-720-506	100-720-606	100-720-306
	Löffelmaul, vertikal aufgebogen Cupped Forceps, vertical upcurved	100-720-407	100-720-507	100-720-607	100-720-307
	Löffelmaul, rechts gebogen Cupped Forceps, right curved	100-720-408	100-720-508	100-720-608	100-720-308
	Löffelmaul, links gebogen Cupped Forceps, left curved	100-720-409	100-720-509	100-720-609	100-720-309
	Löffelmaul, länglich, gerade Cupped Forceps, oblong, straight	100-720-410	100-720-510	100-720-610	
	Löffelmaul, oval, gerade Cupped Forceps, oval, straight	100-720-411	100-720-511	100-720-611	
	Löffelmaul, oval, gerade Cupped Forceps, oval, straight	100-720-412	100-720-512	100-720-612	100-720-312
	Löffelmaul, oval, gezahnt gerade Cupped Forceps, oval, serrated, straight	100-720-413	100-720-513	100-720-613	100-720-313



100-720-001 - 100-720-034

Bronchoskopiezangen, **Rohrschaft**, beide Maulteile beweglich
Bronchoscopy forceps, **tubular shaft**, double-action jaws

		Schaft Ø/shaft Ø		Schaftlänge/shaft-length		
			250 mm/10 inch	350 mm/13 ¾ inch	500 mm/19 ¾ inch	
	Fremdkörperzange mit Hechtnmaul Foreign body Forceps alligator jaws	2,0 mm	100-720-001	100-720-011	—	
	Universal Biopsie- und Faßzange Universal biopsy and grasping forceps	2,0 mm	100-720-002	100-720-012	—	
	Löffelzange, rund, gerade Biopsy cup forceps, straight, round cup	2,0 mm	100-720-003	100-720-013	—	
	Faßzange mit gefensterter Maul Grasping forceps with fenestrated jaws	2,0 mm	100-720-004	100-720-014	—	
	Fremdkörperzange mit Hechtnmaul Foreign body Forceps alligator jaws	2,5 mm	—	100-720-021	100-720-031	
	Universal Biopsie- und Faßzange Universal biopsy and grasping forceps	2,5 mm	—	100-720-022	100-720-032	
	Löffelzange, rund, gerade Biopsy cup forceps, straight, round cup	2,5 mm	—	100-720-023	100-720-033	
	Faßzange mit gefensterter Maul Grasping forceps with fenestrated jaws	2,5 mm	—	100-720-024	100-720-034	

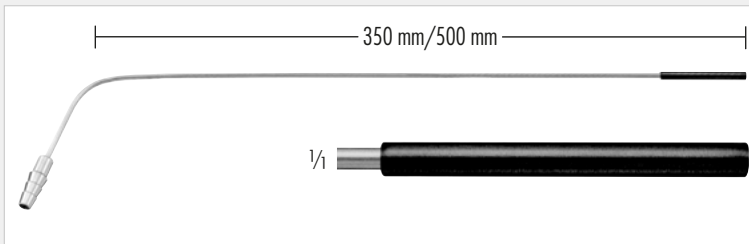


100-850-350

Saugrohr, 350 mm lang
Rigid suction tube, 13 3/4 inch long

100-850-500

Saugrohr, 500 mm lang
Rigid suction tube, 19 3/4 inch long

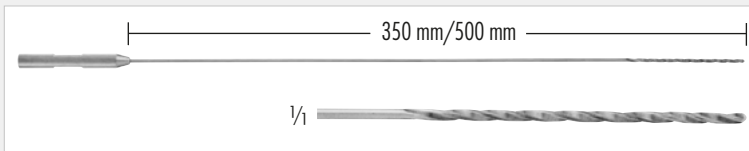


100-852-350

Saugrohr, mit flexibler Gummispitze, 350 mm lang
Rigid suction tube, with flexible rubber tip, 13 3/4 inch long

100-852-500

Saugrohr, mit flexibler Gummispitze, 500 mm lang
Rigid suction tube, with flexible rubber tip, 19 3/4 inch long

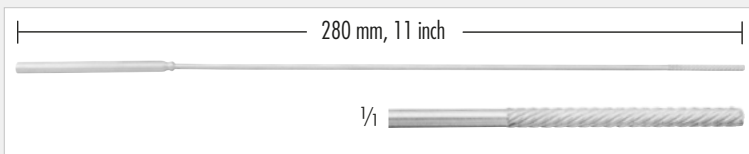


100-854-350

Watteträger, Nutzlänge 350 mm
Cotton carrier, working length 13 3/4 inch

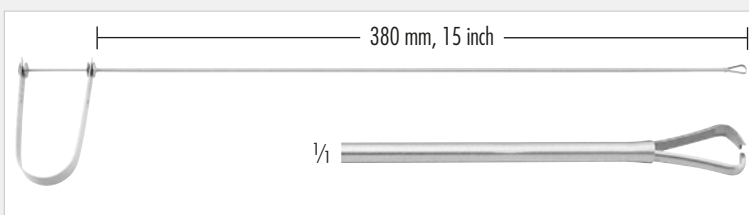
100-854-500

Watteträger, Nutzlänge 500 mm
Cotton carrier, working length 19 3/4 inch



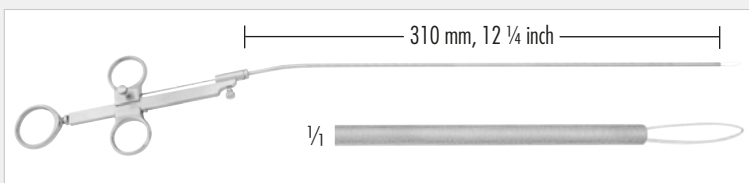
100-864-280

Watteträger, spiralförmig gerieft, ø 2,5 mm, Länge 280 mm
Cotton applicator, twist end serrated, ø 2.5 mm, length 11 inch



100-856-380

Tupferhalter, 1 x 2 Zähne, Arbeitslänge: 380 mm
Sponge holder, 1 x 2 treeth, working length: 15 inch



100-868-100

FRANKENFELD

Laryngeal-Schnürer, Arbeitslänge: 310 mm
Laryngeal-snare, working length: 12 1/4 inch



HUBER Grifff/Handle 100-754-000

Zugstange, gebogen/Rod, curved

100-754-021 200 mm/7 $\frac{3}{4}$ inch

100-754-031 300 mm/11 $\frac{3}{4}$ inch

100-754-041 400 mm/15 $\frac{3}{4}$ inch

Zugstange, gerade/Rod, straight

100-754-020 200 mm/7 $\frac{3}{4}$ inch

100-754-030 300 mm/11 $\frac{3}{4}$ inch

100-754-040 400 mm/15 $\frac{3}{4}$ inch

Aufsätze/Jaw tip



BARICANI
100-754-016 Faßzange/Grasping Forceps



LANGE Löffelzange/Cupped Forceps
100-754-009 Size 1
100-754-018 Size 2
100-754-005 Size 3



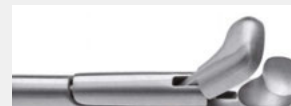
100-754-003 Faßzange mit Alligator Zähnen
Grasping Forceps with alligator teeth



FRAENKEL
100-754-017 Löffelzange, länglicher Löffel
Cupped Forceps, long cups



BRUENINGS Löffelzange, rund
Cupped Forceps, round
100-754-014 Size 1
100-754-004 Size 2
100-754-024 Size 3



SCHEINMANN
100-754-019 Löffelzange, abgewinkelt
Cupped Forceps, angled



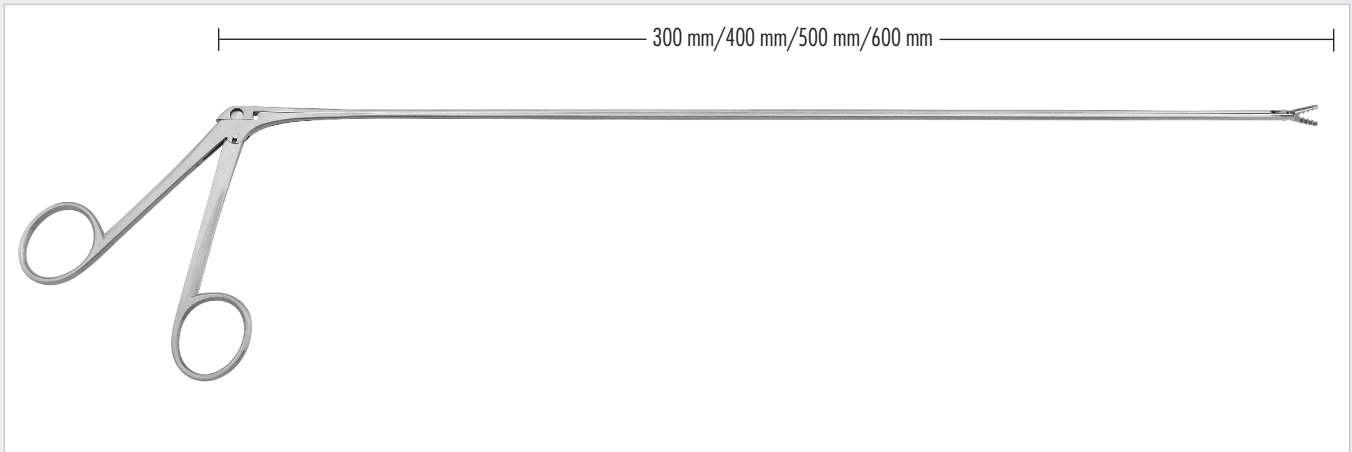
KRAUSE Biopsie Stanze, oval, durchschneidend
Biopsy punch, oval, through cutting
100-754-008 Size 1
100-754-026 Size 2
100-754-027 eckig/angular, Size 1
100-754-007 eckig/angular, Size 2



SCHUHMACHER
100-754-028 Biopsie Stanze, dreieckig,
mit ziehendem Schnitt
Biopsy punch, triangular,
with pull cutting

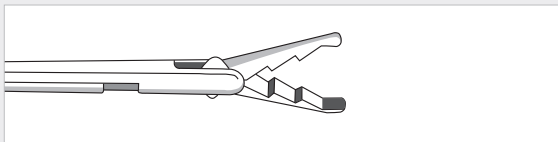


CORDES Stanze/Punch
100-754-029 rund/round
100-754-032 eckig/angular



CHEVALIER-JACKSON

Bronchoskopie Zangen, **Schieberschaft**, doppelbewegliche Maulteile
Bronchoscopy forceps, **sliding-shaft**, double-moving jaws



Hechtmaul/Alligator jaw

Länge/Length

100-755-305

300 mm/11 ¾ inch

100-755-405

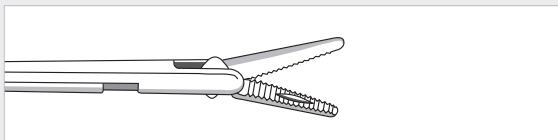
400 mm/15 ¾ inch

100-755-505

500 mm/19 ¾ inch

100-755-605

600 mm/23 ⅔ inch



Faßzange, gerieftes Maul/Grasping forceps, serrated jaw

100-755-304

300 mm/11 ¾ inch

100-755-404

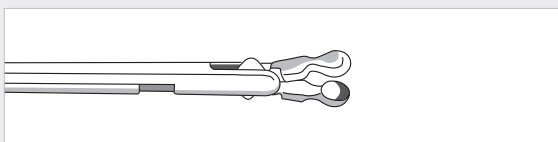
400 mm/15 ¾ inch

100-755-504

500 mm/19 ¾ inch

100-755-604

600 mm/23 ⅔ inch



Löffelzange/Cupped forceps

100-755-310

300 mm/11 ¾ inch

100-755-410

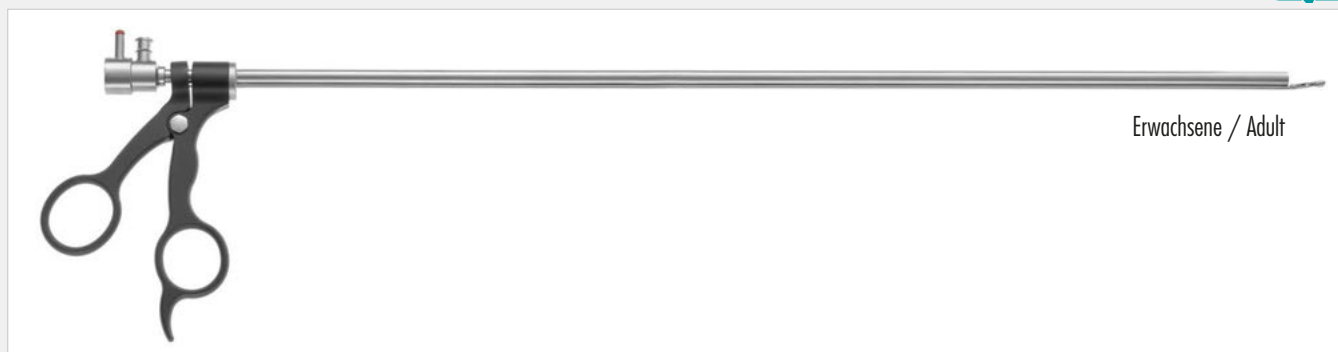
400 mm/15 ¾ inch

100-755-510

500 mm/19 ¾ inch

100-755-610

600 mm/23 ⅔ inch



Erwachsene / Adult

Optische Bronchoskopie Zangen für Bronchoskope 8,5 - 7,5mm
Optical Bronchoscopy forceps for Bronchoscopes 8.5 - 7.5mm



100-655-100 Nutzlänge 540 mm/working length 21 1/3 inch
Bronchoskop, starr, 0°, ø 5,5 mm, autoklavierbar
Bronchoscope, rigid, 0°, ø 5.5 mm, autoclavable

100-655-130 Nutzlänge 540 mm/working length 21 1/3 inch
Bronchoskop, starr, 30°, ø 5,5 mm, autoklavierbar
Bronchoscope, rigid, 30°, ø 5.5 mm, autoclavable



100-900-221 Peanut optische Faßzange für Gewebe
Peanut and soft tissue grasper



100-900-222 Probeexcisionszange, Löffel 4,3mm
Biopsy Cut Forceps, Spoon 4.3mm



100-900-223 Mini Probeexcisionszange, ovaler Löffel 2,3mm
Mini Biopsy Cut Forceps, oval Spoon 2.3mm



100-900-224 Alligatormaul Faßzange, grobe Zahnung
Alligator forceps, coarse serration



100-900-225 Schere, doppelbeweglich
Scissors, double action



100-900-227 Fremdkörperzange
Foreignbody Forceps



100-900-228 Fasszange



Erwachsene / Adult

Optische Bronchoskopie Zangen für Bronchoskope 8,5 - 7,5mm
Optical Bronchoscopy forceps for Bronchoscopes 8.5 - 7.5mm



100-655-000 Nutzlänge 490 mm/working length 19 1/3 inch
Bronchoskop, starr, 0°, ø 5,5 mm, autoklavierbar
Bronchoscope, rigid, 0°, ø 5.5 mm, autoclavable

100-655-030 Nutzlänge 490 mm/working length 19 1/3 inch
Bronchoskop, starr, 30°, ø 5,5 mm, autoklavierbar
Bronchoscope, rigid, 30°, ø 5.5 mm, autoclavable



100-900-201 Peanut optische Faßzange für Gewebe
Peanut and soft tissue grasper



100-900-202 Probeexcisionszange, Löffel 4,3mm
Biopsy Cut Forceps, Spoon 4.3mm



100-900-203 Mini Probeexcisionszange, ovaler Löffel 2,3mm
Mini Biopsy Cut Forceps, oval Spoon 2.3mm



100-900-204 Alligatormaul Faßzange, grobe Zahnung
Alligator forceps, coarse serration



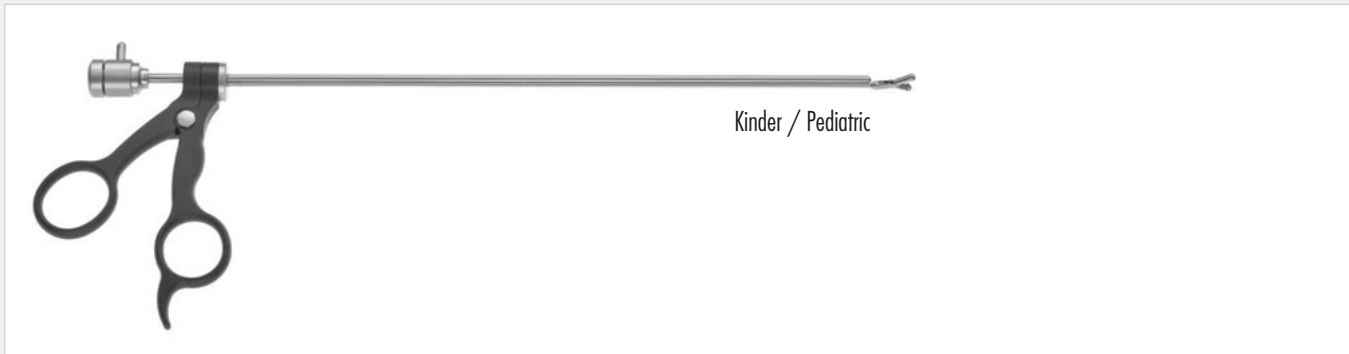
100-900-205 Schere, doppelbeweglich
Scissors, double action



100-900-207 Fremdkörperzange
Foreignbody Forceps



100-900-208 Fasszange
Grasping Forceps



Optische Bronchoskopie Zangen für Bronchoskope 6 - 3,5 mm
Optical Bronchoscopy forceps for Bronchoscopes 6 - 3.5 mm



100-629-000 Nutzlänge 300 mm/working length 12 inch
Bronchoskop, starr, 0°, Ø 2,9 mm, autoklavierbar
Bronchoscope, rigid, 0°, Ø 2.9 mm, autoclavable



100-900-211 Peanut optische Faßzange für Gewebe
Peanut and soft tissue grasper



100-900-212 Probeexcisionszange, Löffel 4,3mm
Biopsy Cut Forceps, Spoon 4.3mm



100-900-213 Mini Probeexcisionszange, ovaler Löffel 2,3mm
Mini Biopsy Cut Forceps, oval Spoon 2.3mm



100-900-214 Alligatormaul Faßzange, grobe Zahnung
Alligator forceps, coarse serration



100-900-215 Schere, doppelbeweglich
Scissors, double action



100-900-217 Fremdkörperzange
Foreignbody Forceps

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